

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041119\
 Data File : VX008850.D
 Acq On : 11 Apr 2019 14:34
 Operator : JC/SP
 Sample : VX0411MBS01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

Quant Time: Apr 12 07:34:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	151463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	251013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105768	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113582	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	5.50	113	84999	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	8.71	98	341584	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	11.13	95	125046	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	42077	24.134	ug/l	99
3) Chloromethane	1.32	50	53571	24.200	ug/l	99
4) Vinyl Chloride	1.40	62	47868	20.310	ug/l	99
5) Bromomethane	1.64	94	28011	25.102	ug/l	100
6) Chloroethane	1.71	64	28413	20.274	ug/l	100
7) Trichlorofluoromethane	1.92	101	51864	19.907	ug/l	100
8) Diethyl Ether	2.19	74	24506	19.835	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32805	19.557	ug/l	97
10) Methyl Iodide	2.51	142	35546	25.408	ug/l	99
11) Tert butyl alcohol	3.05	59	56091	108.452	ug/l	100
12) 1,1-Dichloroethene	2.37	96	34917	19.941	ug/l	95
13) Acrolein	2.29	56	29985	116.922	ug/l	98
14) Allyl chloride	2.73	41	81344	20.292	ug/l	98
15) Acrylonitrile	3.14	53	140755	102.730	ug/l	100
16) Acetone	2.44	43	119818	94.165	ug/l	96
17) Carbon Disulfide	2.57	76	104405	20.207	ug/l	100
18) Methyl Acetate	2.77	43	60560	19.624	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	129812	20.759	ug/l	99
20) Methylene Chloride	2.85	84	42169	19.799	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	36983	19.526	ug/l	94
22) Diisopropyl ether	3.85	45	159118	20.595	ug/l	92
23) Vinyl Acetate	3.81	43	714744	106.341	ug/l	99
24) 1,1-Dichloroethane	3.70	63	76908	20.105	ug/l	98
25) 2-Butanone	4.67	43	205417	102.142	ug/l	98
26) 2,2-Dichloropropane	4.58	77	53135	19.722	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	42615	19.570	ug/l	99
28) Bromochloromethane	5.02	49	37307	21.630	ug/l	100
29) Tetrahydrofuran	5.13	42	135406	101.442	ug/l	99
30) Chloroform	5.21	83	69267	20.273	ug/l	97
31) Cyclohexane	5.58	56	75330	19.736	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	57108	20.684	ug/l	99
36) 1,1-Dichloropropene	5.80	75	53282	19.419	ug/l	99
37) Ethyl Acetate	4.83	43	77786	21.239	ug/l	99
38) Carbon Tetrachloride	5.78	117	46041	20.274	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65995	19.470	ug/l	99
40) Benzene	6.14	78	166678	20.391	ug/l	99
41) Methacrylonitrile	5.04	41	43839	20.824	ug/l	98
42) 1,2-Dichloroethane	6.19	62	59943	20.455	ug/l	100
43) Isopropyl Acetate	6.45	43	120815	21.058	ug/l	99
44) Trichloroethene	7.21	130	38850	20.406	ug/l	98
45) 1,2-Dichloropropane	7.51	63	46902	20.103	ug/l	99
46) Dibromomethane	7.66	93	26747	19.766	ug/l	98
47) Bromodichloromethane	7.90	83	51618	20.231	ug/l	99
48) Methyl methacrylate	7.77	41	61670	21.250	ug/l	98
49) 1,4-Dioxane	7.74	88	23648	434.979	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	404078	109.410	ug/l	100
52) Toluene	8.78	92	99529	20.653	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	59292	20.746	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	65291	19.993	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	39551	20.446	ug/l	99
56) Ethyl methacrylate	9.18	69	74799	21.371	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71567	20.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	168886	94.500	ug/l	99
59) 2-Hexanone	9.49	43	311706	108.601	ug/l	100
60) Dibromochloromethane	9.58	129	37767	20.719	ug/l	99
61) 1,2-Dibromoethane	9.67	107	41512	20.614	ug/l	100
64) Tetrachloroethene	9.34	164	35330	21.157	ug/l	98
65) Chlorobenzene	10.14	112	100685	20.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	35499	20.253	ug/l	99
67) Ethyl Benzene	10.25	91	190177	20.413	ug/l	98
68) m/p-Xylenes	10.36	106	137497	41.048	ug/l	99
69) o-Xylene	10.69	106	67388	20.759	ug/l	100
70) Styrene	10.71	104	117068	20.921	ug/l	100
71) Bromoform	10.85	173	27868	20.818	ug/l #	97
73) Isopropylbenzene	11.02	105	177657	20.268	ug/l	100
74) N-amyl acetate	10.90	43	106606	20.672	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66051	19.814	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	76511	26.333	ug/l	81
77) Bromobenzene	11.26	156	43426	20.609	ug/l	98
78) n-propylbenzene	11.36	91	204361	20.023	ug/l	99
79) 2-Chlorotoluene	11.42	91	123755	20.037	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	150046	20.393	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	21070	19.989	ug/l	95
82) 4-Chlorotoluene	11.51	91	141105	19.737	ug/l	99
83) tert-Butylbenzene	11.77	119	140753	19.884	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	151360	20.316	ug/l	99
85) sec-Butylbenzene	11.94	105	169552	20.165	ug/l	99
86) p-Isopropyltoluene	12.06	119	153282	20.311	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	75037	19.891	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	75301	19.713	ug/l	99
89) n-Butylbenzene	12.38	91	139866	19.762	ug/l	100
90) Hexachloroethane	12.60	117	24314	19.425	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	75912	20.268	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14182	19.339	ug/l	97

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Instrument :
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ClientSampleId :
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Quant Time: Apr 12 07:34:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

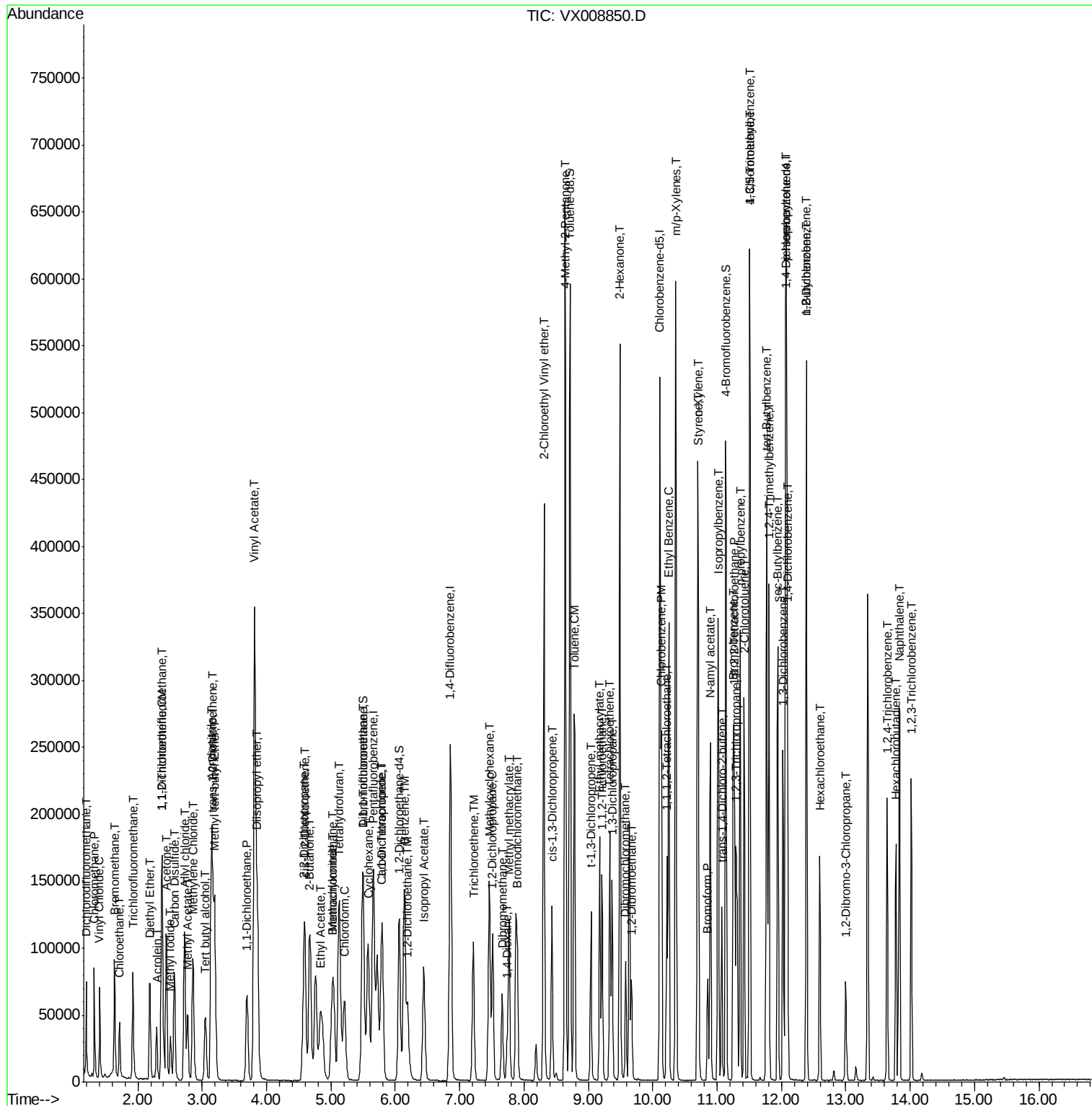
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51791	19.888	ug/l	99
94) Hexachlorobutadiene	13.78	225	26545	21.254	ug/l	99
95) Naphthalene	13.83	128	174367	20.033	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52207	20.065	ug/l	97

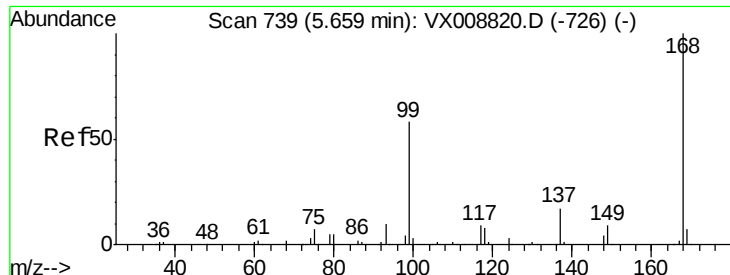
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX041119\
Data File : VX008850.D
Acq On : 11 Apr 2019 14:34
Operator : JC/SP
Sample : VX0411MBS01
Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

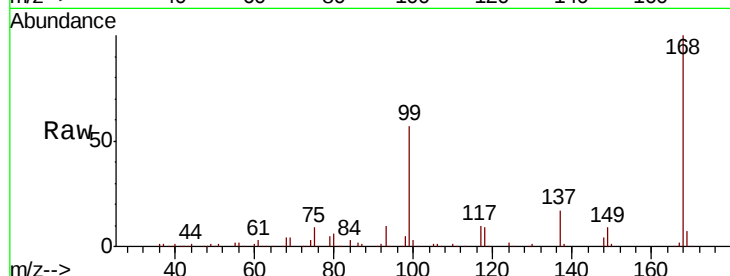
VX0411MBS01

Tgt Ion:168 Resp: 151463

Ion Ratio Lower Upper

168 100

99 56.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

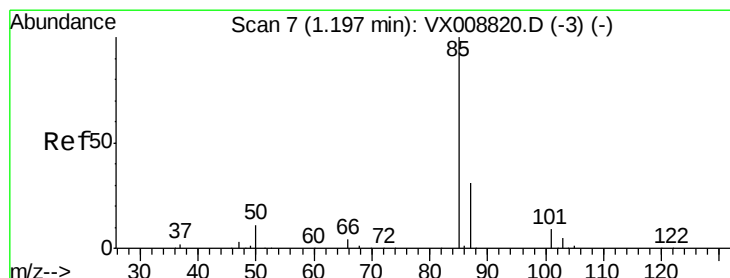
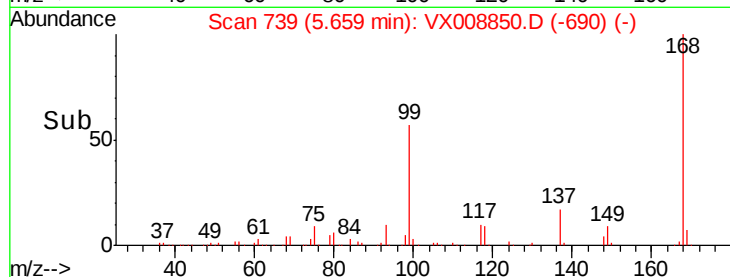
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 24.134 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008850.D

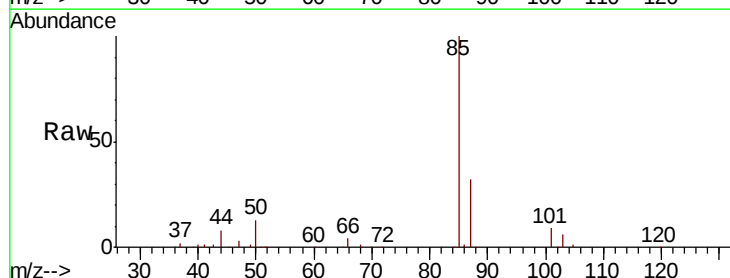
Acq: 11 Apr 2019 14:34

Tgt Ion: 85 Resp: 42077

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

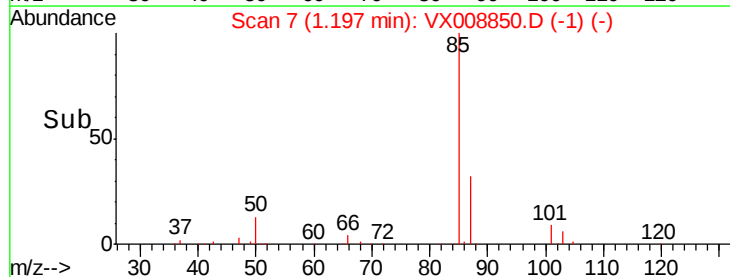
30000

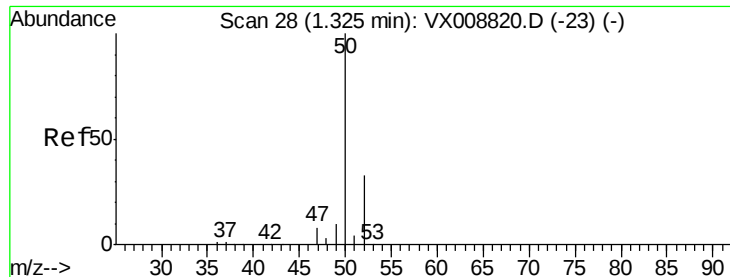
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 24.200 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

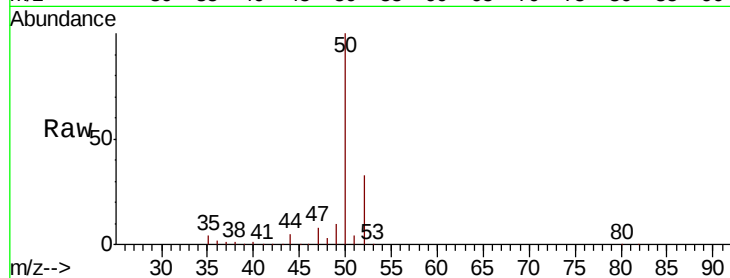
VX0411MBS01

Tgt Ion: 50 Resp: 53571

Ion Ratio Lower Upper

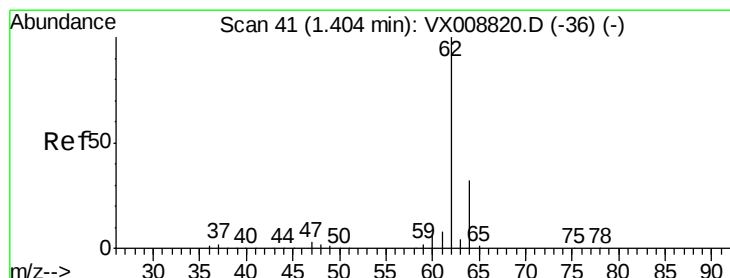
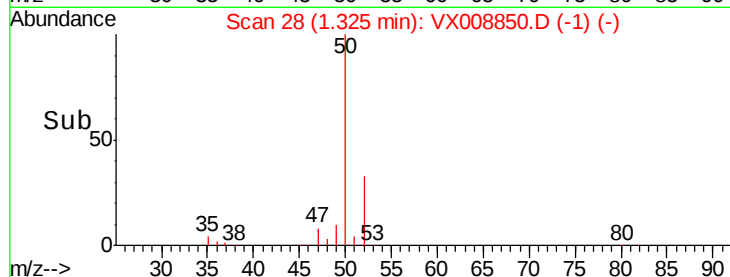
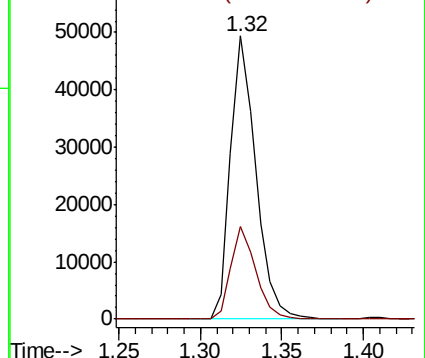
50 100

52 32.9 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.310 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008850.D

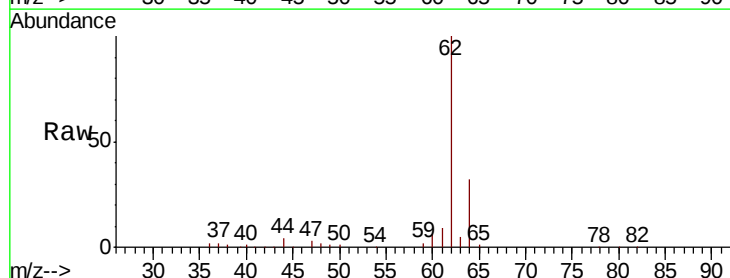
Acq: 11 Apr 2019 14:34

Tgt Ion: 62 Resp: 47868

Ion Ratio Lower Upper

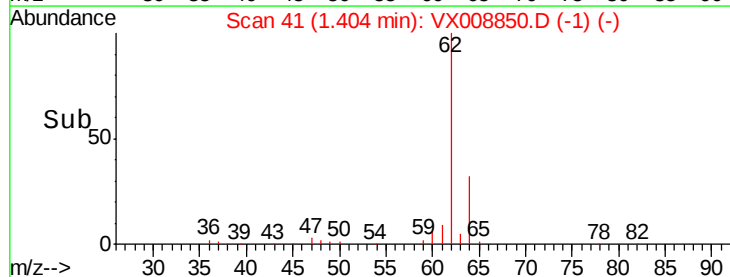
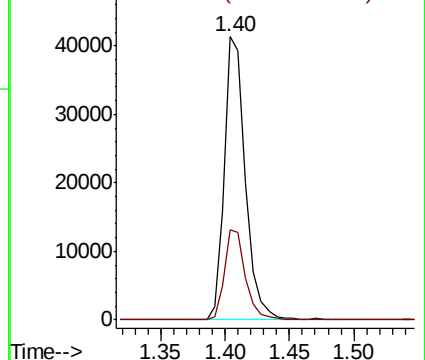
62 100

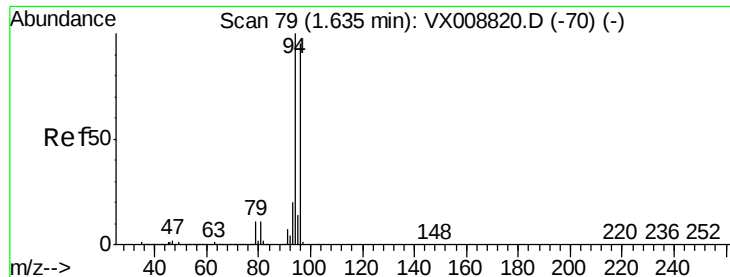
64 31.7 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 25.102 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

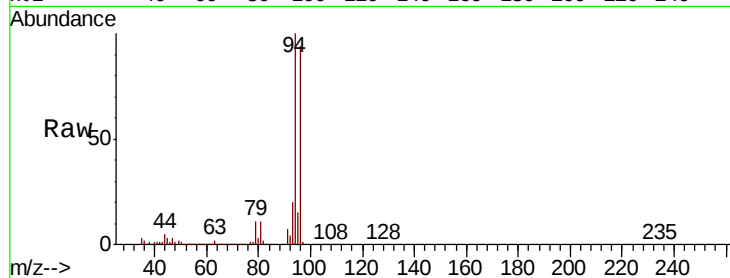
VX0411MBS01

Tgt Ion: 94 Resp: 28011

Ion Ratio Lower Upper

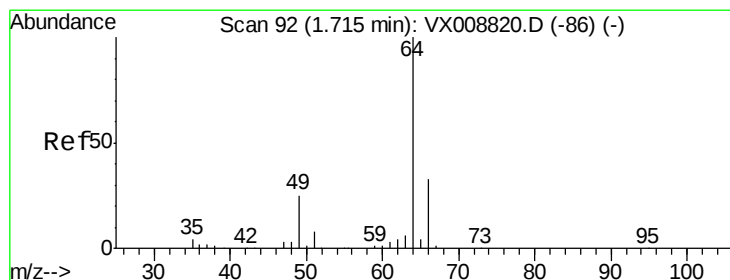
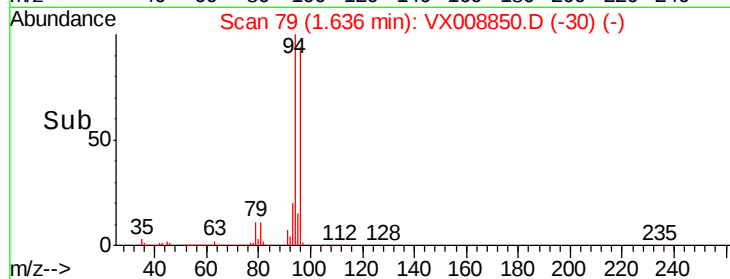
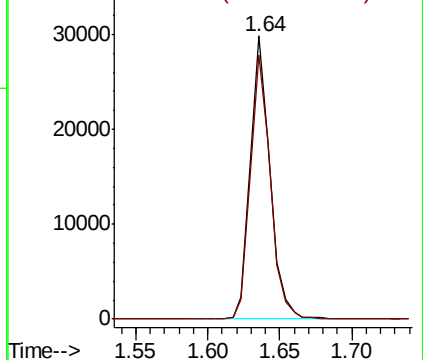
94 100

96 93.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.274 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008850.D

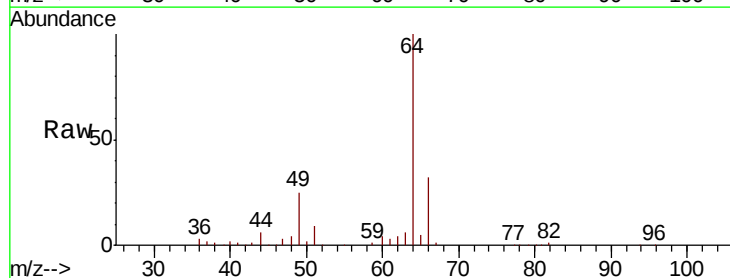
Acq: 11 Apr 2019 14:34

Tgt Ion: 64 Resp: 28413

Ion Ratio Lower Upper

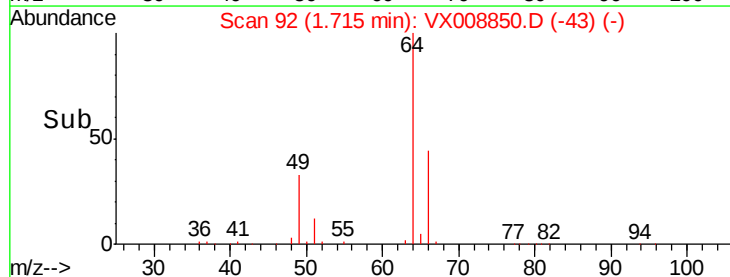
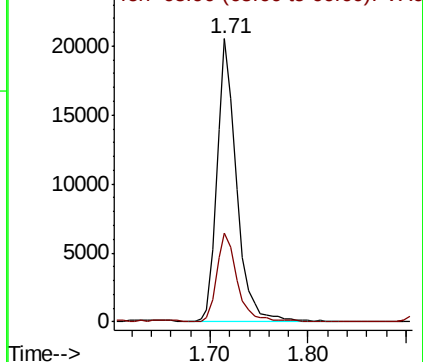
64 100

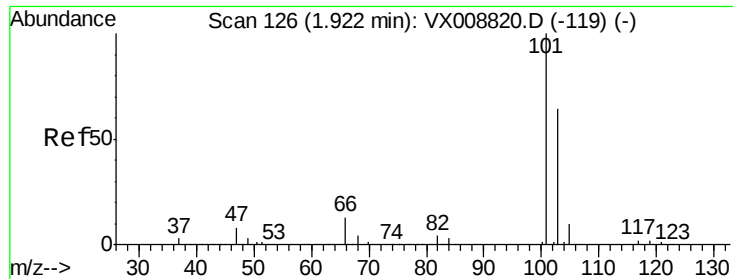
66 31.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



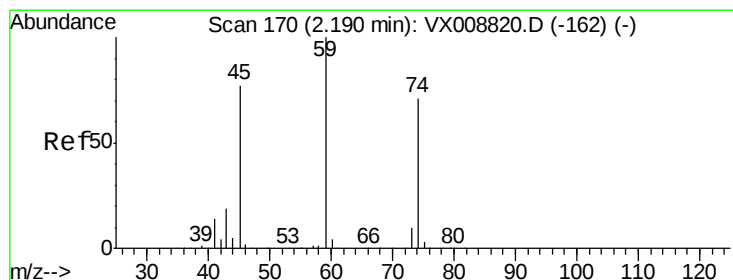
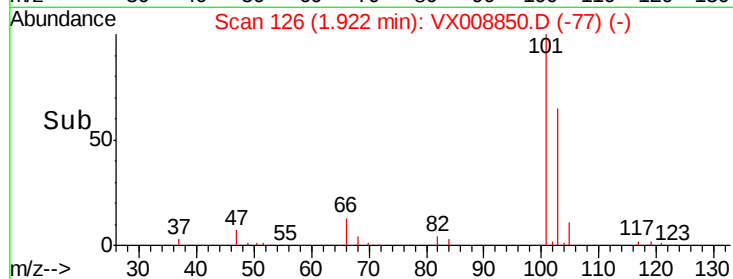
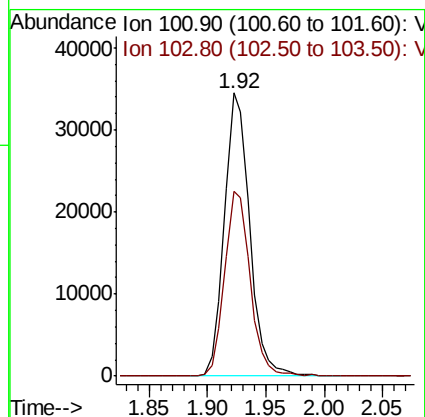
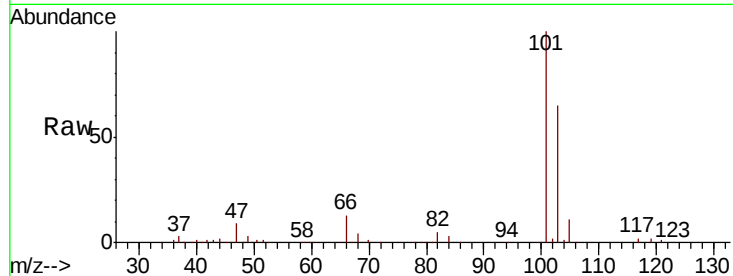


#7

Trichlorofluoromethane
Concen: 19.907 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Instrument :
MSVOA_X
ClientSampleId :
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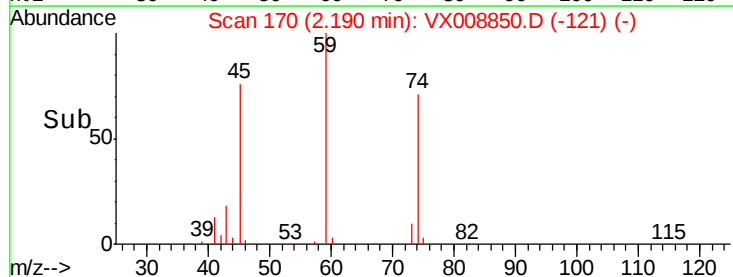
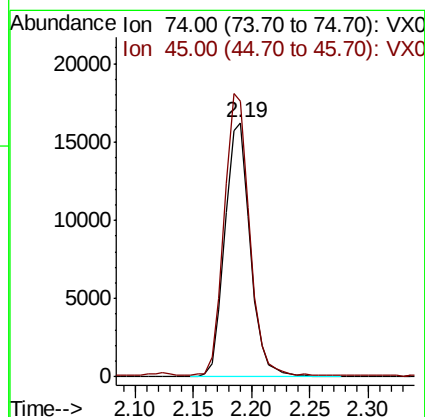
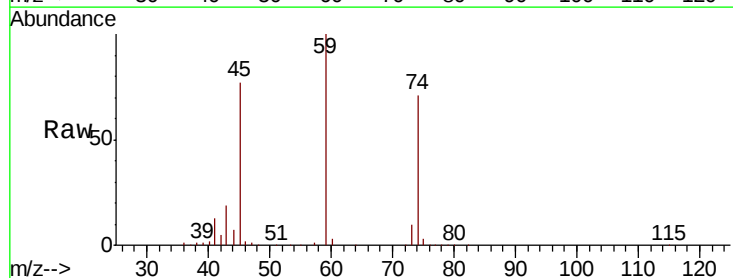
Tgt Ion: 101 Resp: 51864
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5

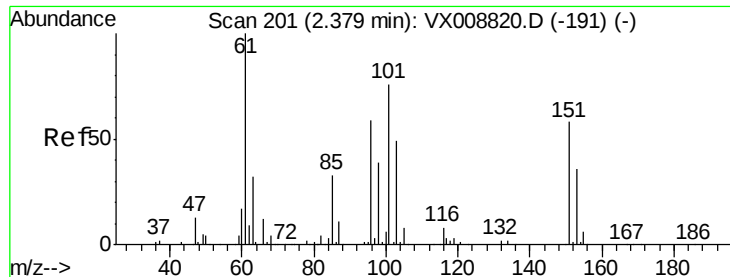


#8

Diethyl Ether
Concen: 19.835 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion: 74 Resp: 24506
Ion Ratio Lower Upper
74 100
45 109.5 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.557 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

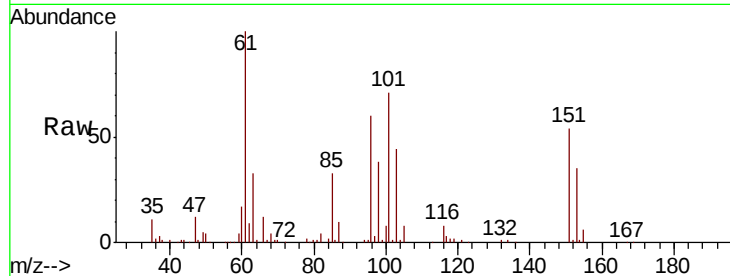
Tgt Ion:101 Resp: 32805

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

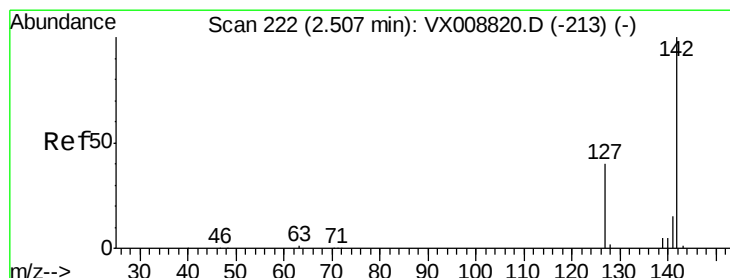
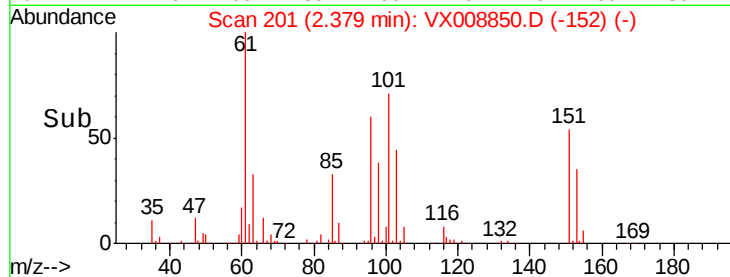
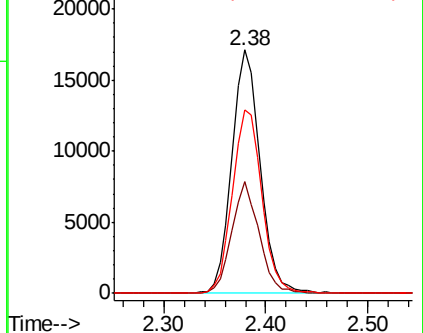
151 78.3 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 25.408 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

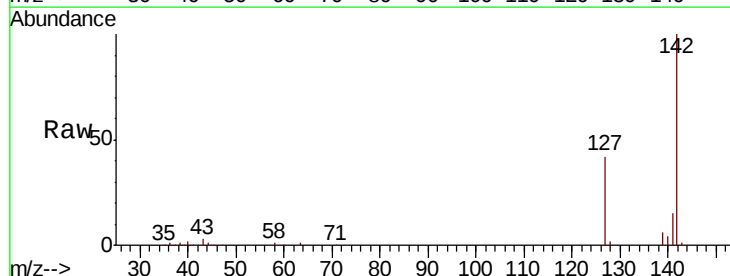
Tgt Ion:142 Resp: 35546

Ion Ratio Lower Upper

142 100

127 40.9 33.0 49.6

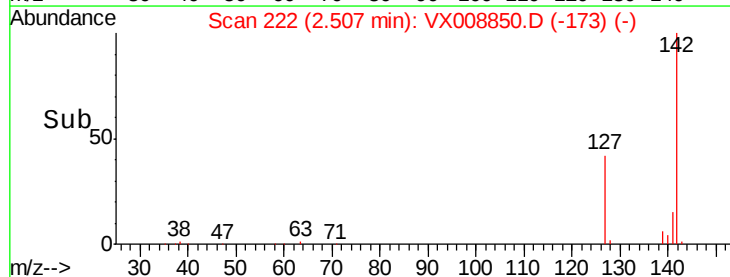
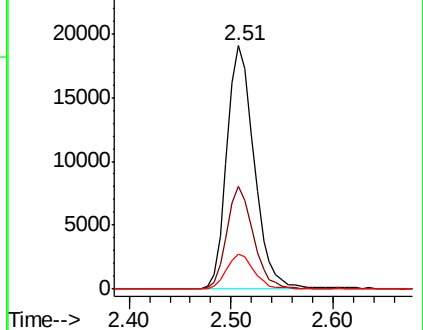
141 14.4 11.4 17.2

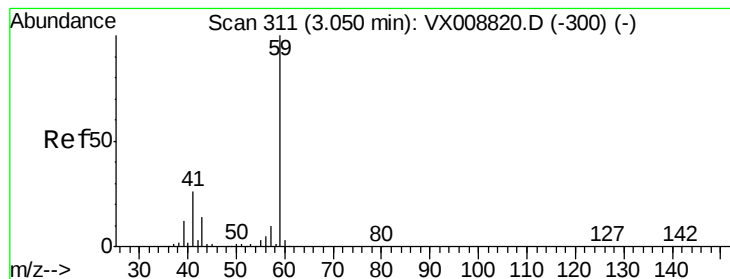


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



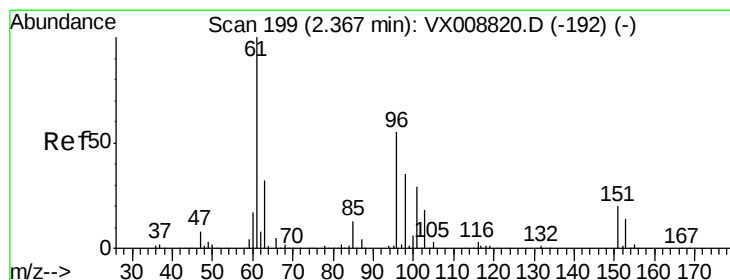
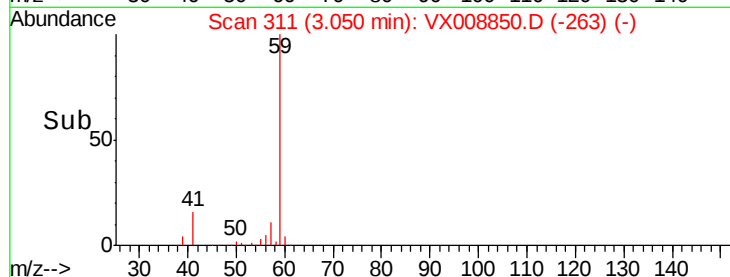
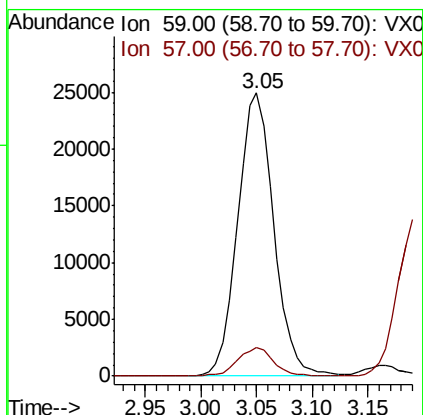
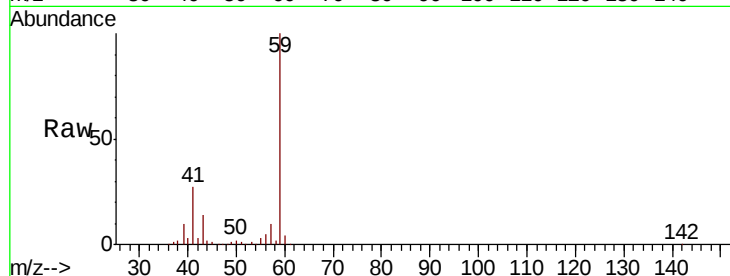


#11

Tert butyl alcohol
 Concen: 108.452 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

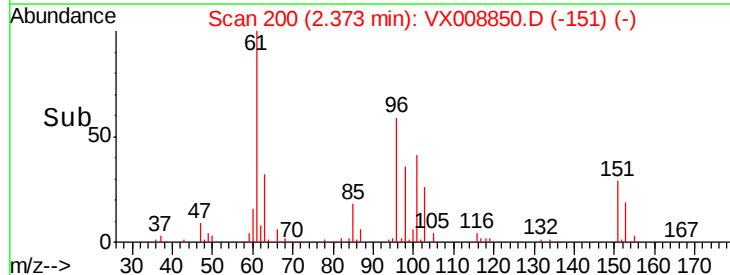
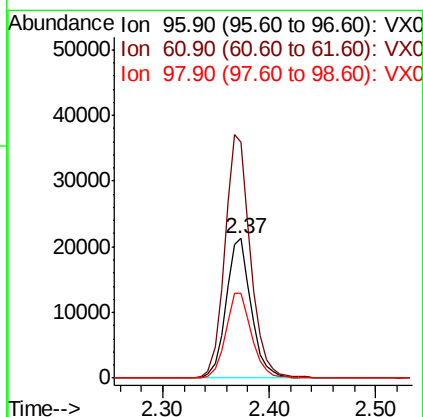
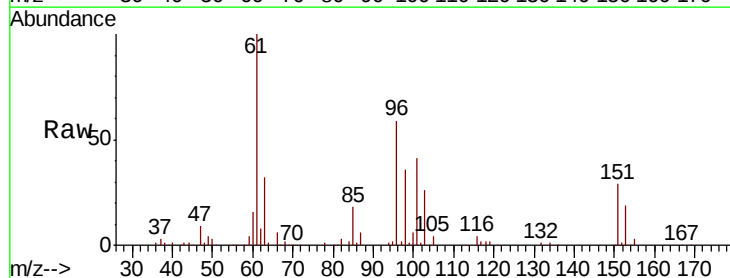
Tgt Ion: 59 Resp: 56091
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

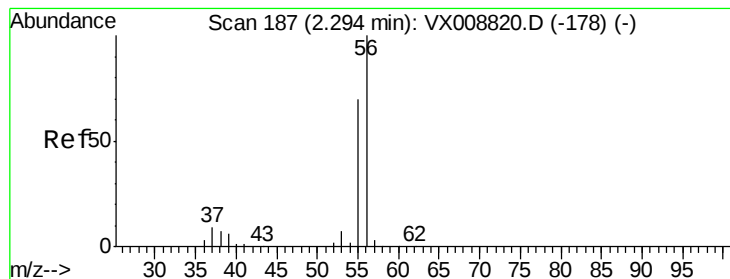


#12

1,1-Dichloroethene
 Concen: 19.941 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

Tgt Ion: 96 Resp: 34917
 Ion Ratio Lower Upper
 96 100
 61 168.6 140.9 211.3
 98 60.8 52.1 78.1





#13

Acrolein

Concen: 116.922 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

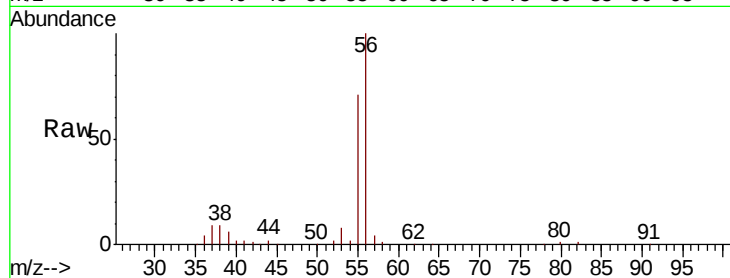
VX0411MBS01

Tgt Ion: 56 Resp: 29985

Ion Ratio Lower Upper

56 100

55 71.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

15000

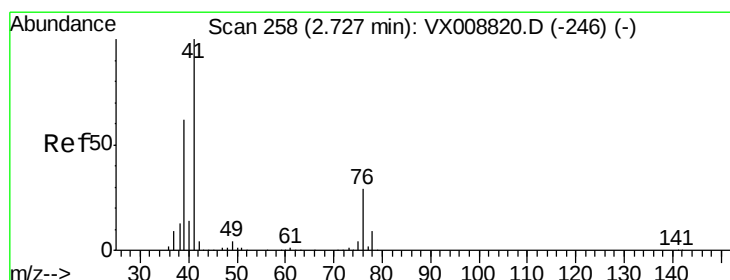
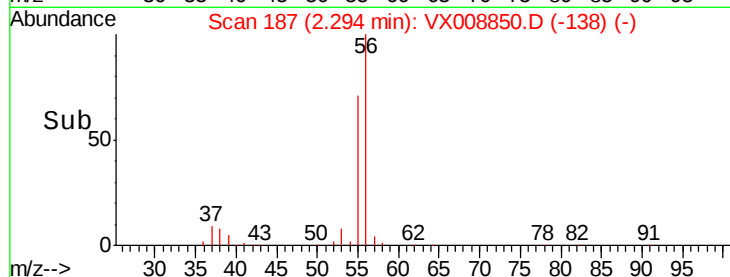
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 20.292 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

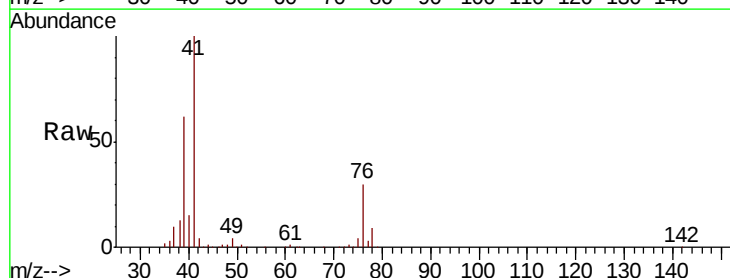
Tgt Ion: 41 Resp: 81344

Ion Ratio Lower Upper

41 100

39 58.6 48.0 72.0

76 27.0 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

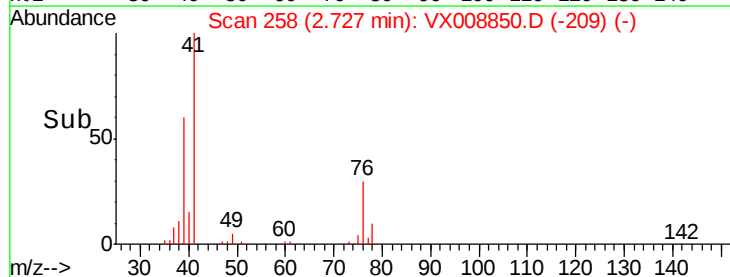
20000

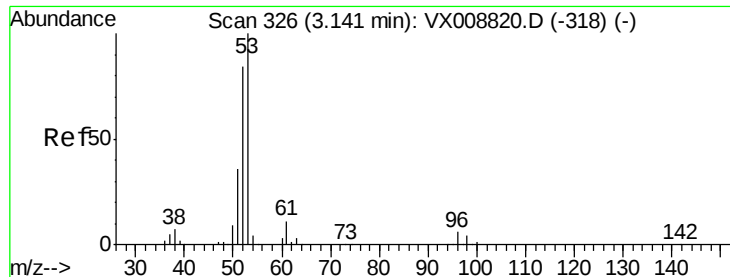
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 102.730 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

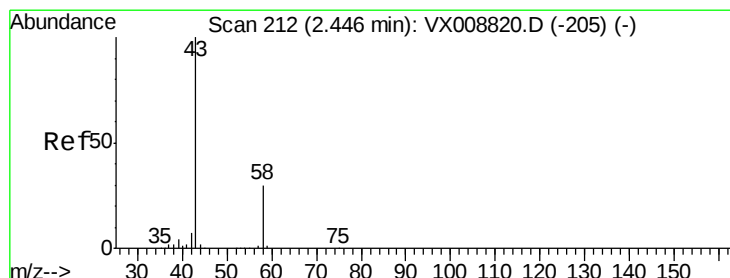
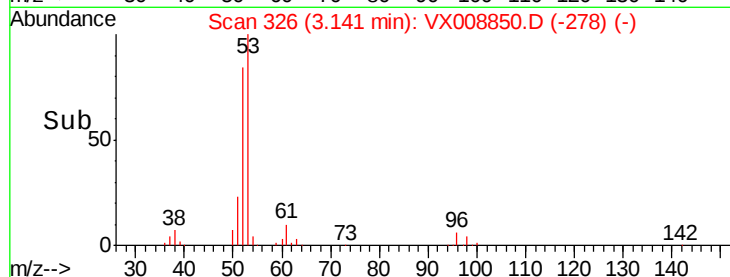
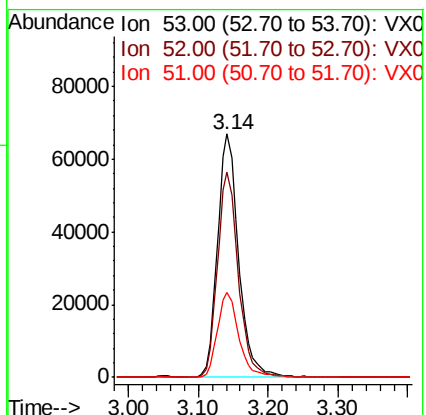
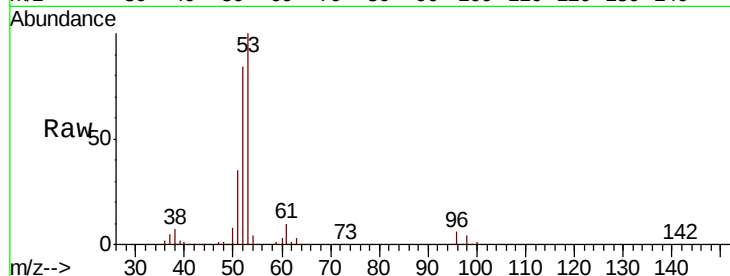
Tgt Ion: 53 Resp: 140755

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

51 35.1 28.6 42.8



#16

Acetone

Concen: 94.165 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008850.D

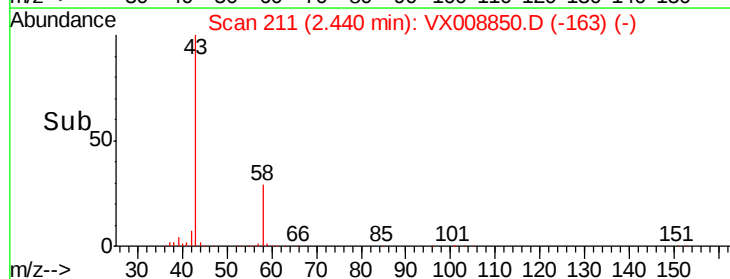
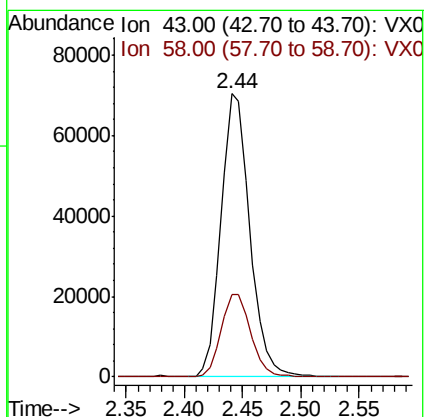
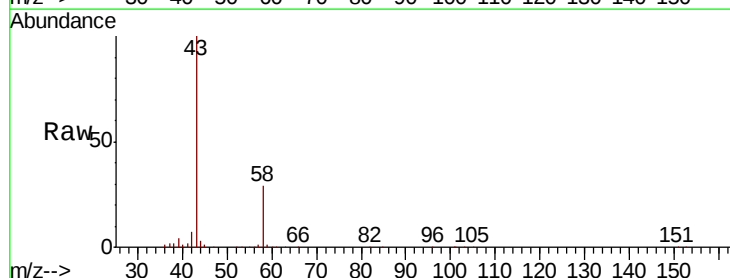
Acq: 11 Apr 2019 14:34

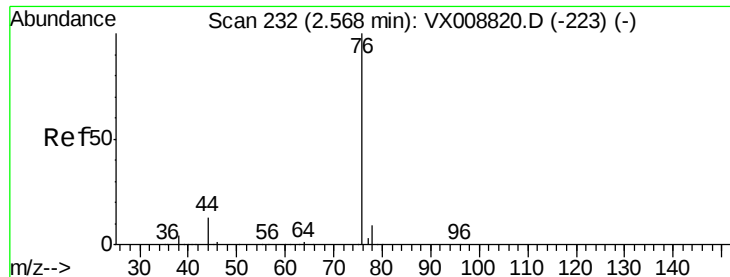
Tgt Ion: 43 Resp: 119818

Ion Ratio Lower Upper

43 100

58 29.1 24.8 37.2

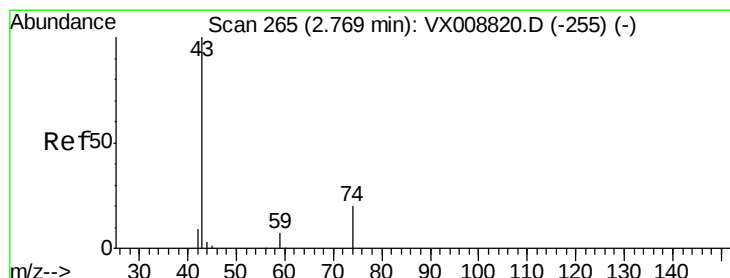
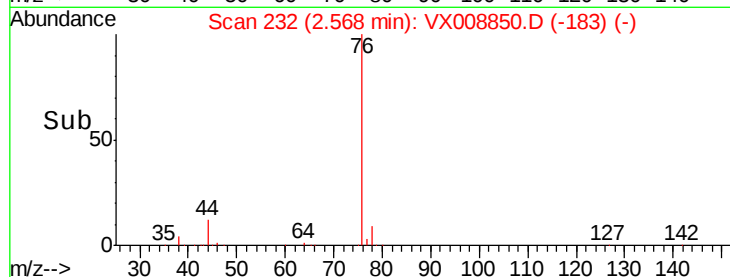
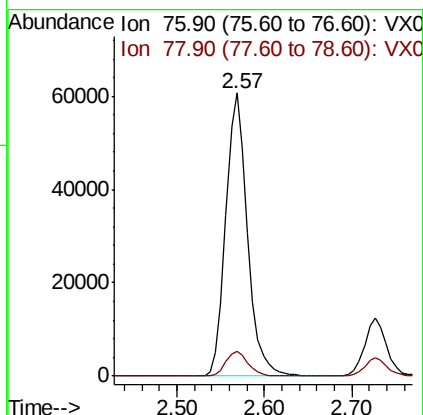
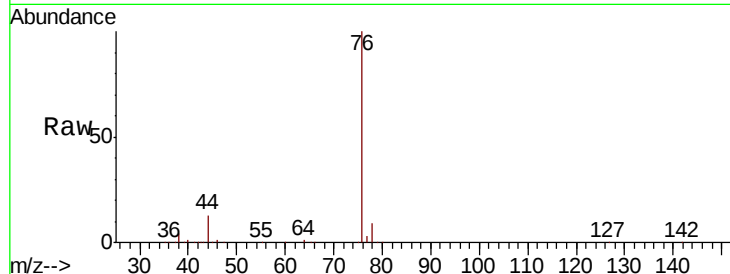




#17
Carbon Disulfide
Concen: 20.207 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

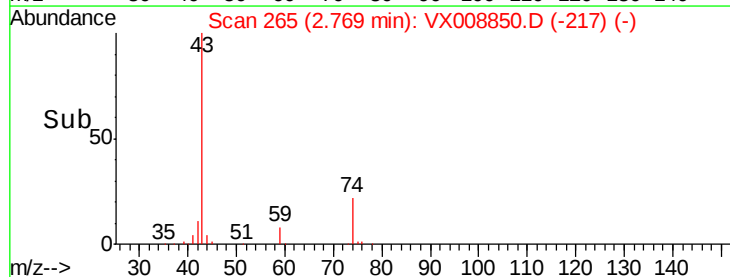
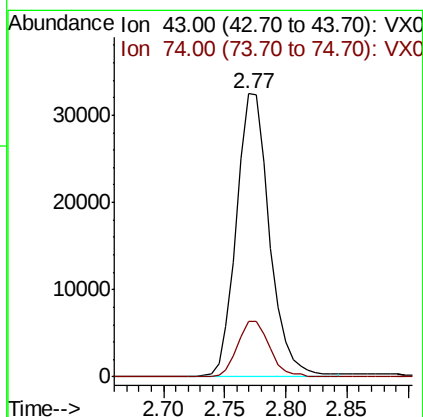
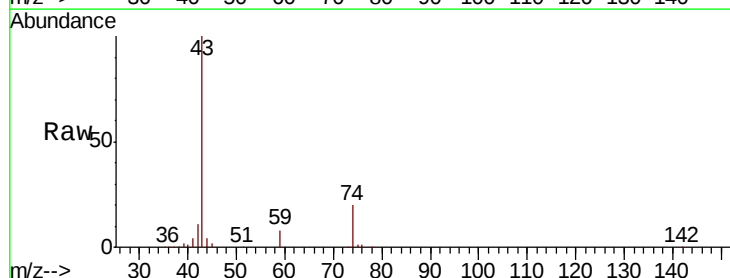
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

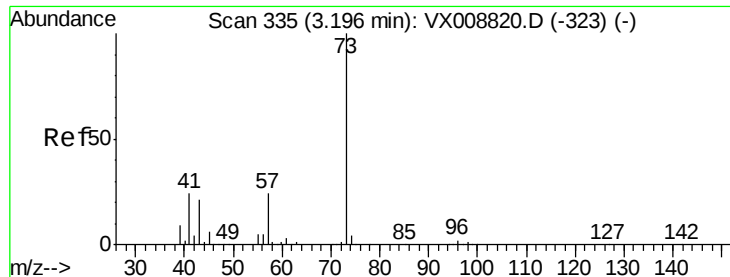
Tgt Ion: 76 Resp: 104405
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 19.624 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion: 43 Resp: 60560
Ion Ratio Lower Upper
43 100
74 19.6 16.5 24.7



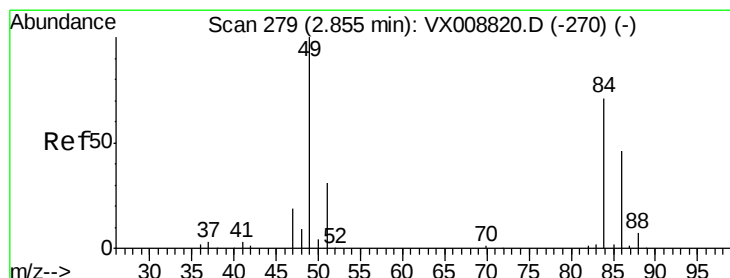
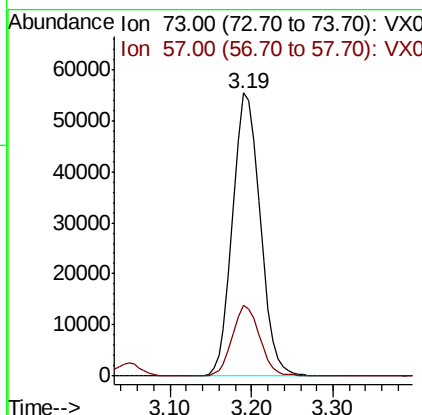
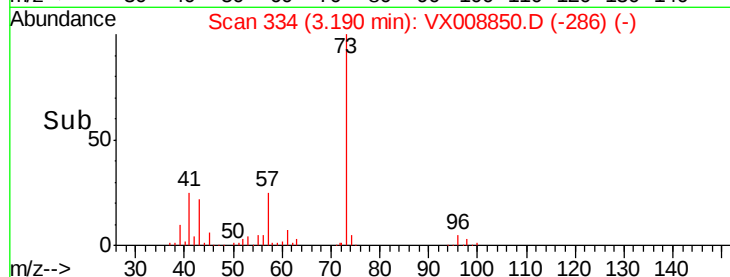
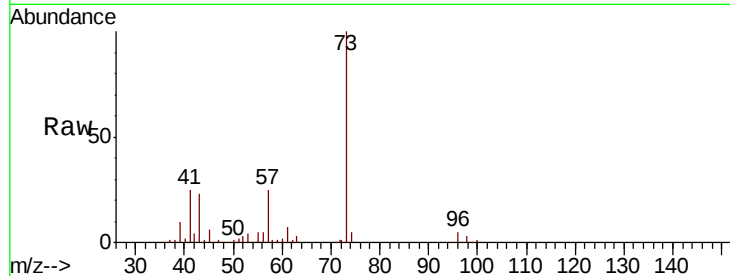


#19

Methyl tert-butyl Ether
 Concen: 20.759 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

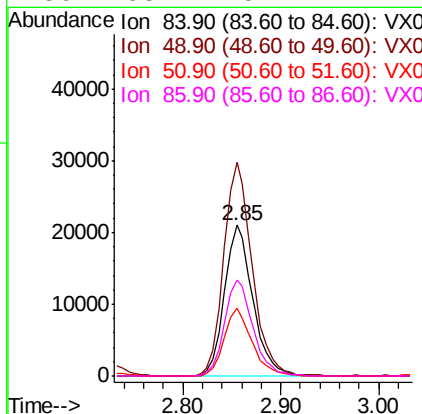
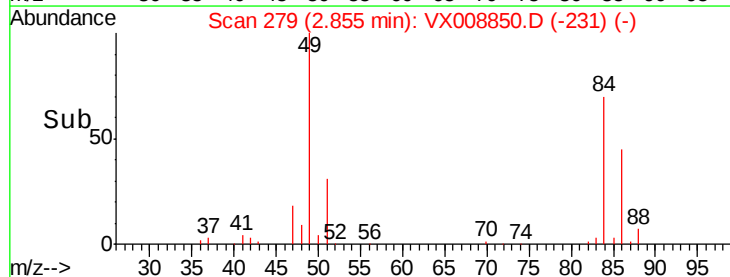
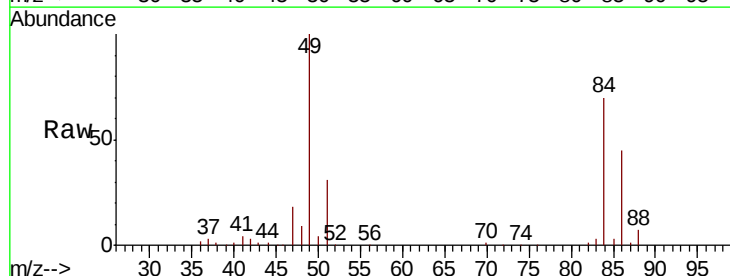
Tgt Ion: 73 Resp: 129812
 Ion Ratio Lower Upper
 73 100
 57 25.0 19.5 29.3

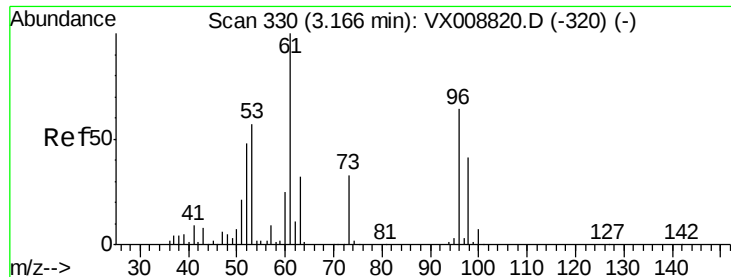


#20

Methylene Chloride
 Concen: 19.799 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

Tgt Ion: 84 Resp: 42169
 Ion Ratio Lower Upper
 84 100
 49 141.9 109.7 164.5
 51 44.7 33.6 50.4
 86 63.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 19.526 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

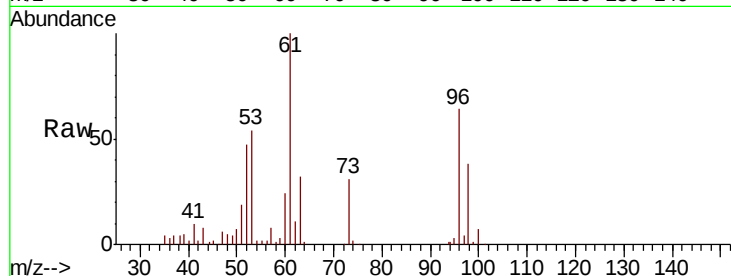
Tgt Ion: 96 Resp: 36983

Ion Ratio Lower Upper

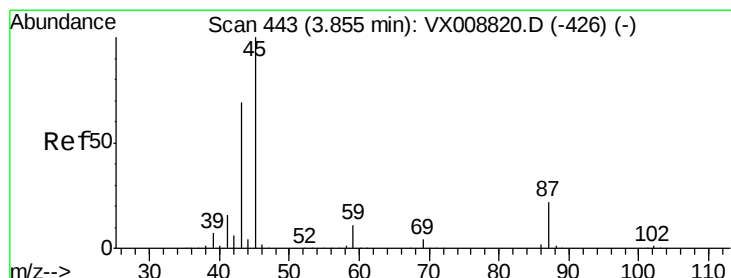
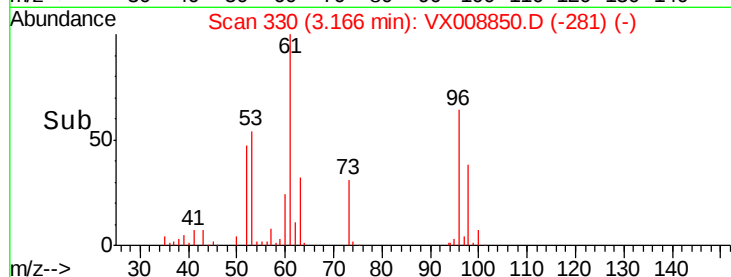
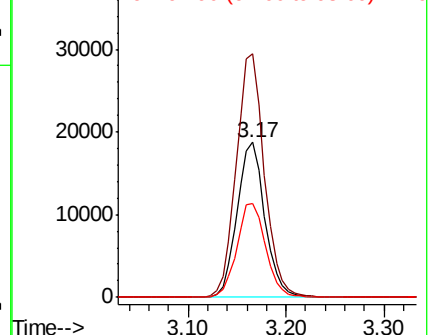
96 100

61 157.3 132.1 198.1

98 60.4 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.595 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Tgt Ion: 45 Resp: 159118

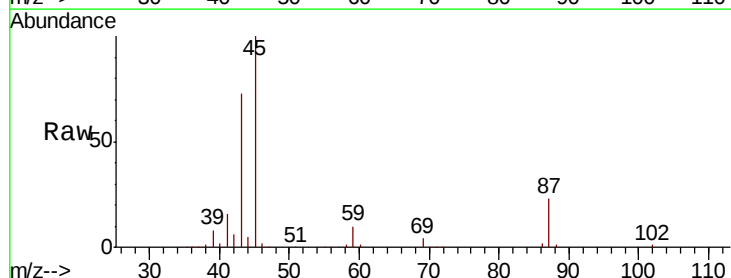
Ion Ratio Lower Upper

45 100

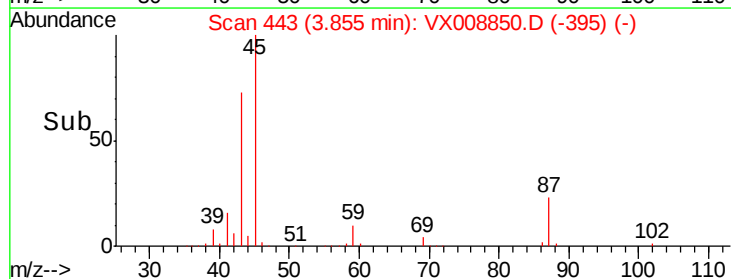
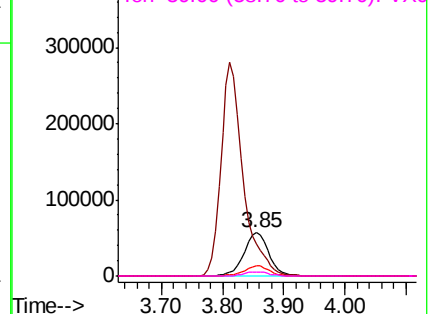
43 72.8 51.3 76.9

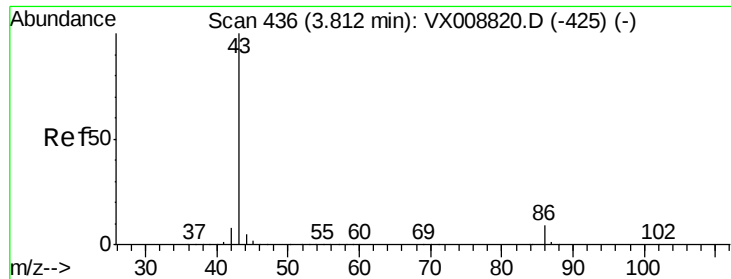
87 23.4 18.1 27.1

59 10.4 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 106.341 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

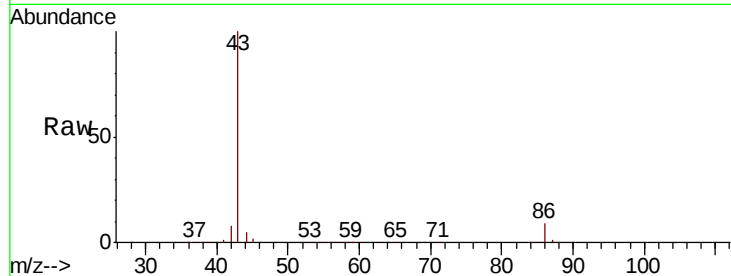
VX0411MBS01

Tgt Ion: 43 Resp: 714744

Ion Ratio Lower Upper

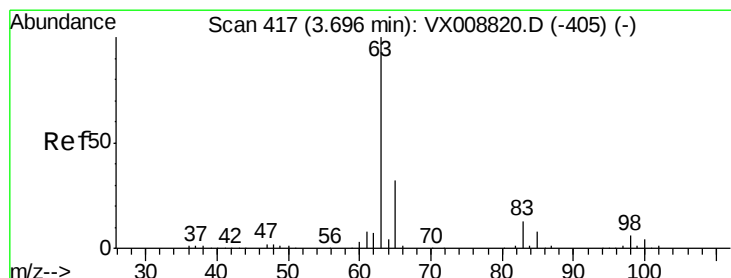
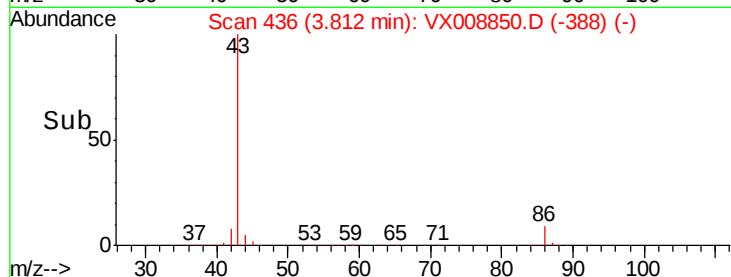
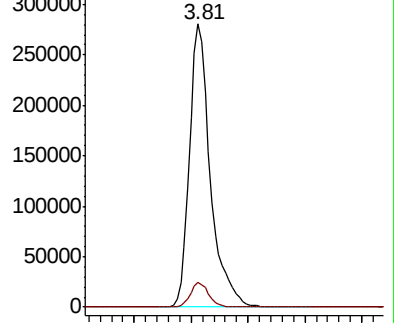
43 100

86 8.6 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.105 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

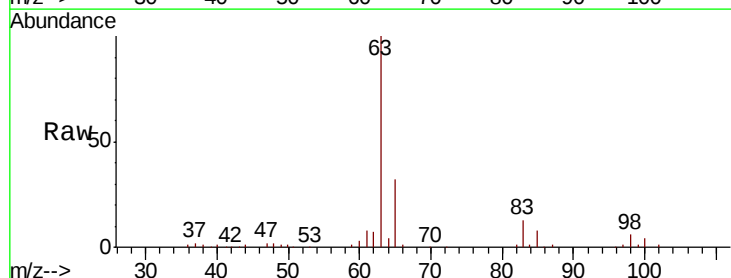
Tgt Ion: 63 Resp: 76908

Ion Ratio Lower Upper

63 100

98 6.5 2.8 8.4

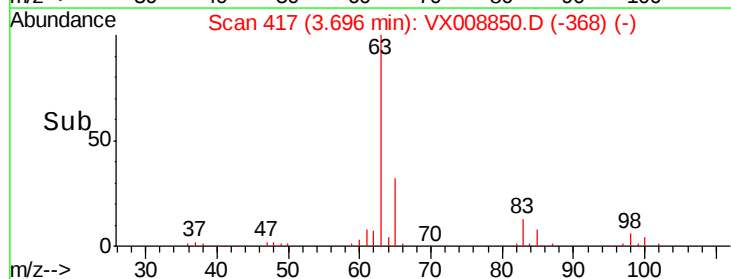
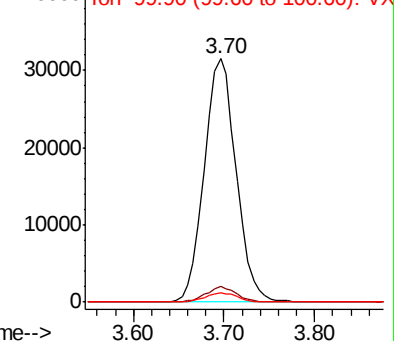
100 3.9 1.8 5.5

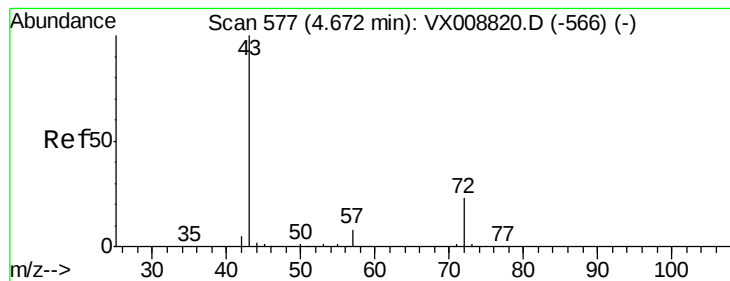


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.142 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

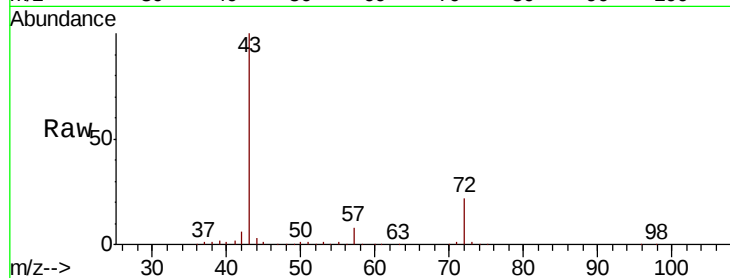
VX0411MBS01

Tgt Ion: 43 Resp: 205417

Ion Ratio Lower Upper

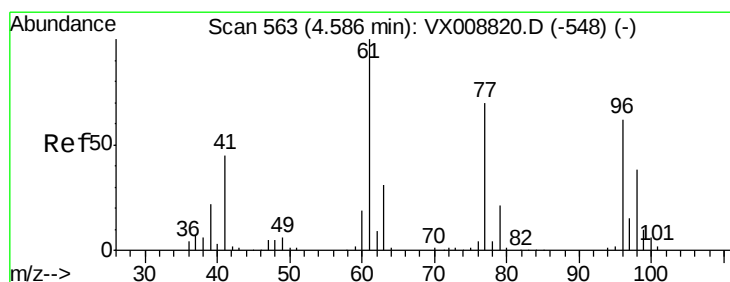
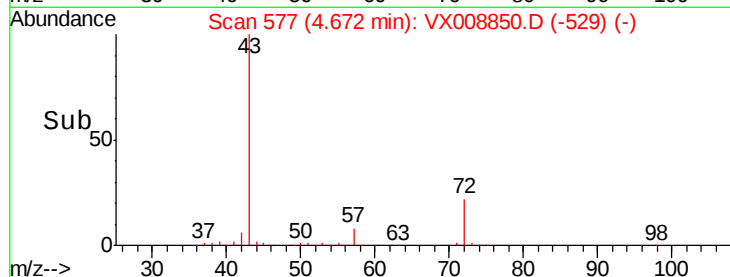
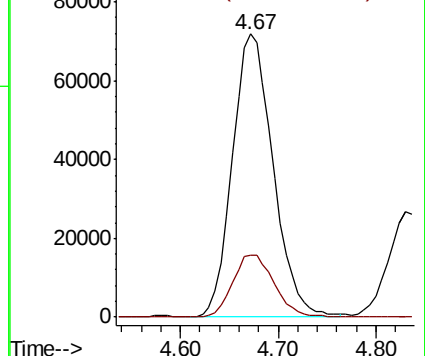
43 100

72 21.7 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.722 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008850.D

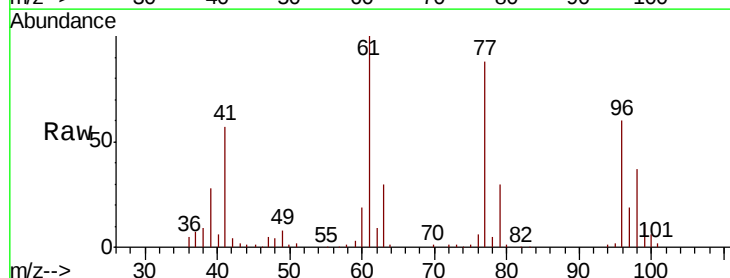
Acq: 11 Apr 2019 14:34

Tgt Ion: 77 Resp: 53135

Ion Ratio Lower Upper

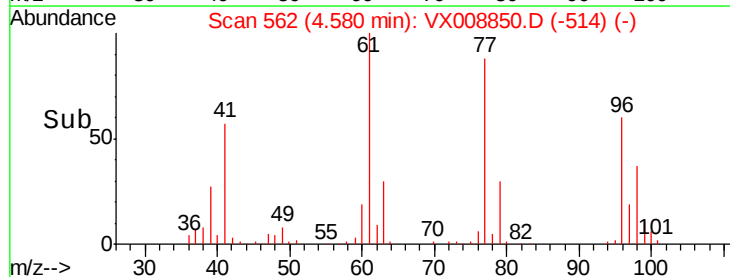
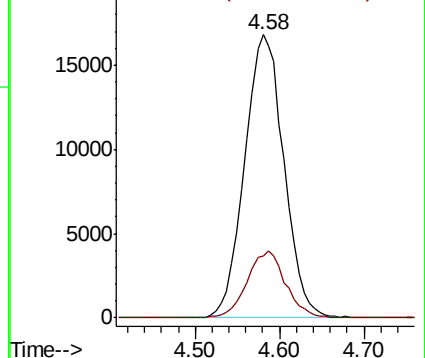
77 100

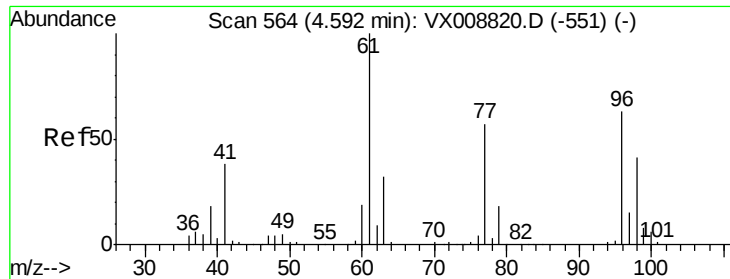
97 23.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



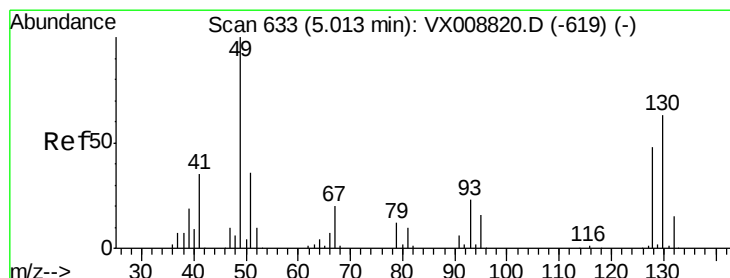
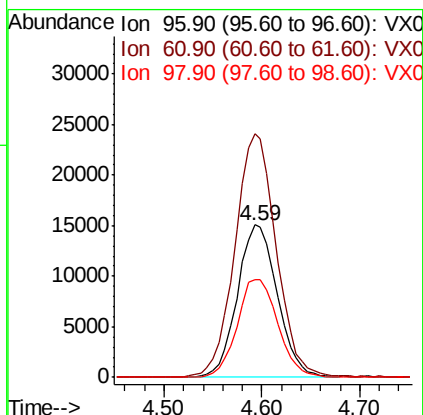
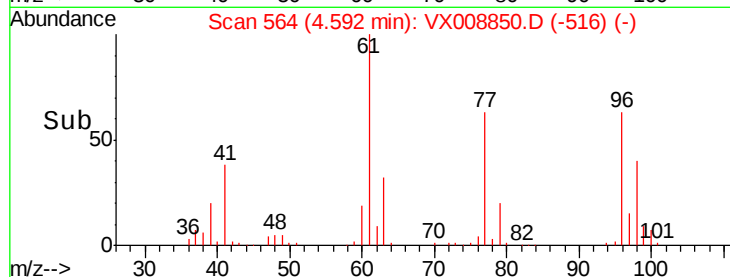
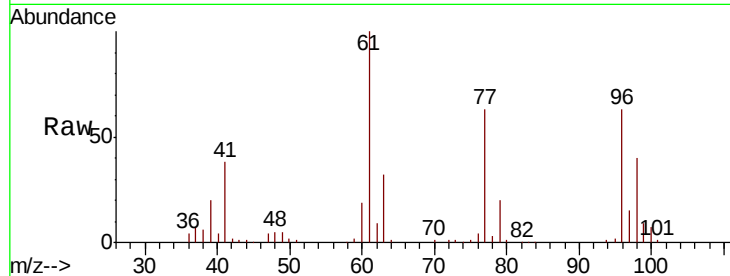


#27

cis-1,2-Dichloroethene
Concen: 19.570 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

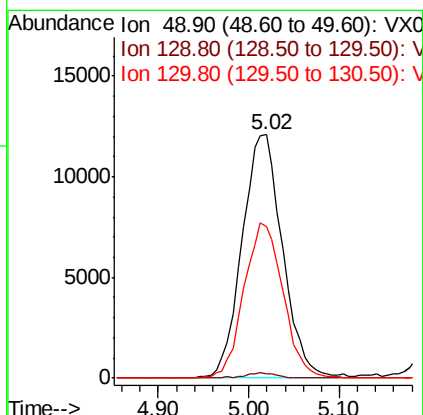
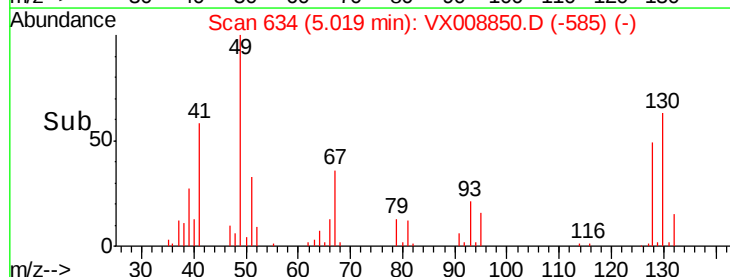
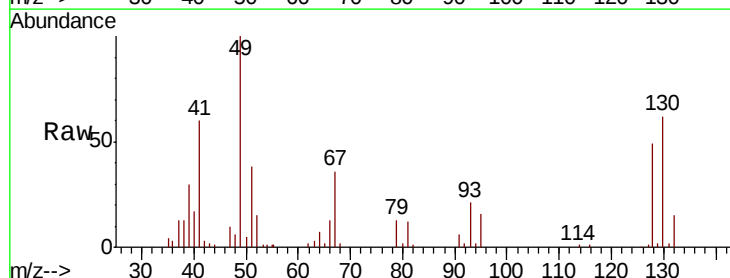
Tgt Ion: 96 Resp: 42615
Ion Ratio Lower Upper
96 100
61 165.6 0.0 327.6
98 65.6 0.0 128.6

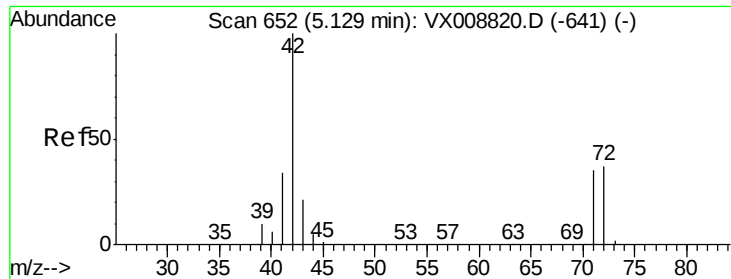


#28

Bromochloromethane
Concen: 21.630 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion: 49 Resp: 37307
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 61.4 49.3 73.9

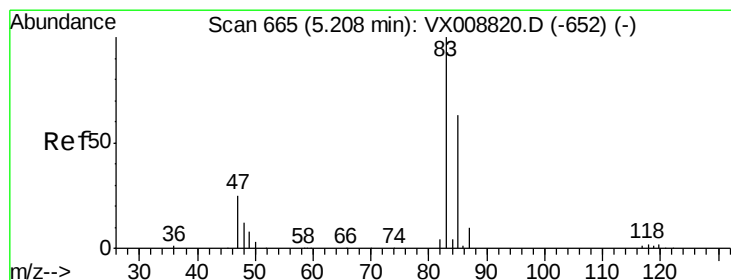
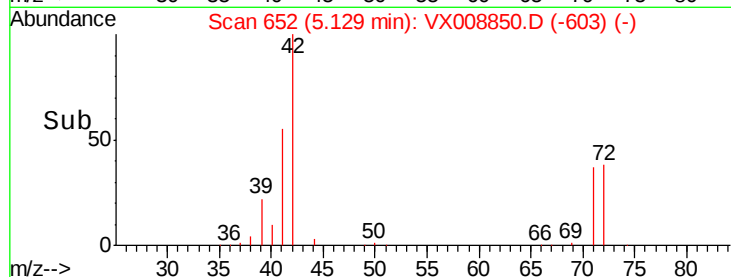
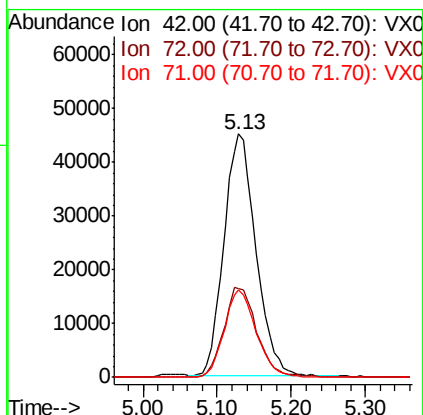
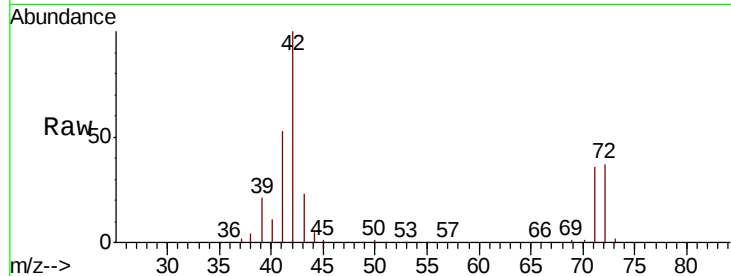




#29
Tetrahydrofuran
Concen: 101.442 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

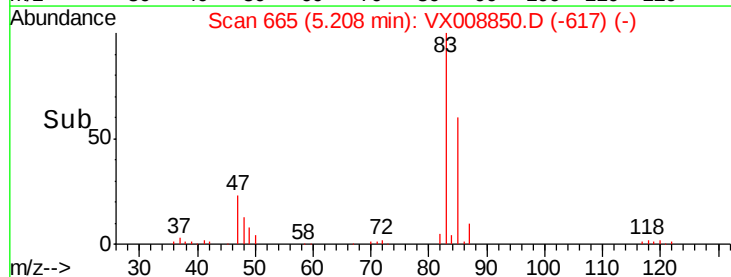
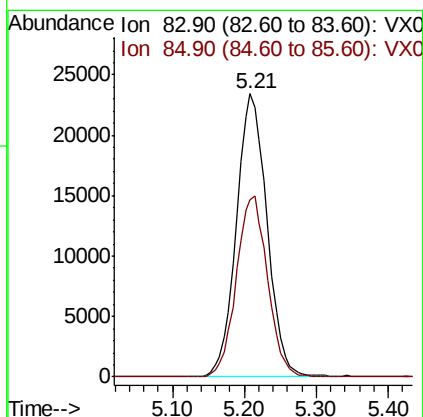
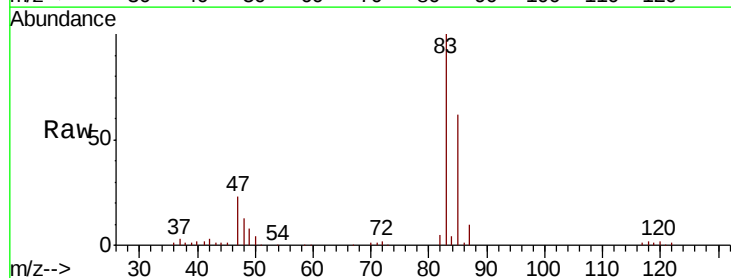
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

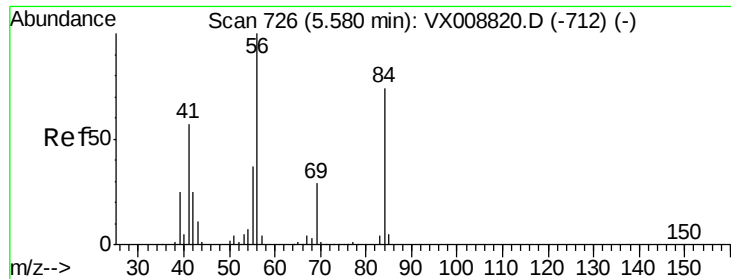
Tgt Ion: 42 Resp: 135406
Ion Ratio Lower Upper
42 100
72 38.5 30.5 45.7
71 36.0 28.6 43.0



#30
Chloroform
Concen: 20.273 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion: 83 Resp: 69267
Ion Ratio Lower Upper
83 100
85 62.4 52.1 78.1





#31

Cyclohexane

Concen: 19.736 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

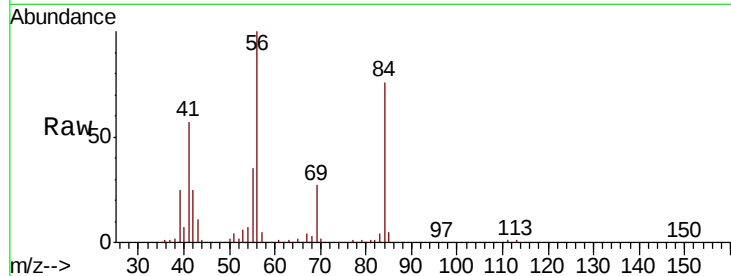
Tgt Ion: 56 Resp: 75330

Ion Ratio Lower Upper

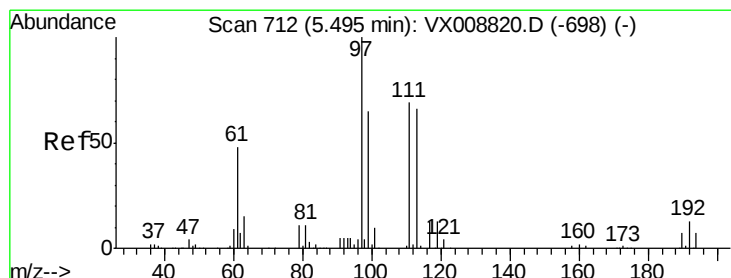
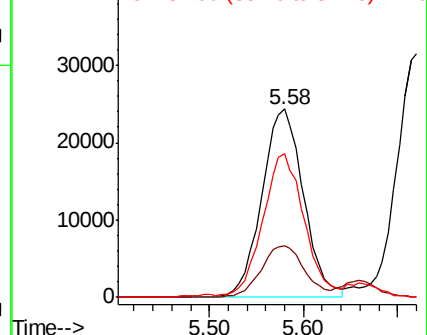
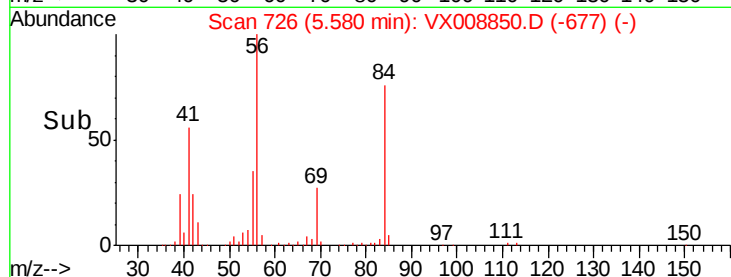
56 100

69 27.3 22.6 33.8

84 75.5 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.684 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

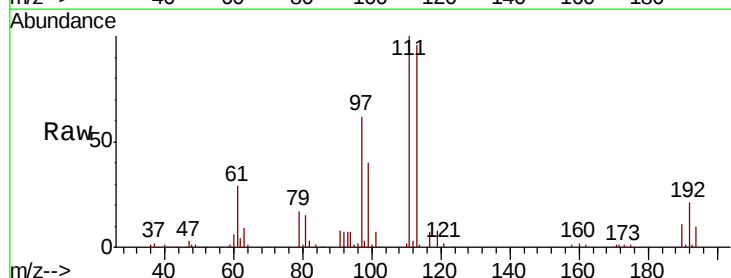
Tgt Ion: 97 Resp: 57108

Ion Ratio Lower Upper

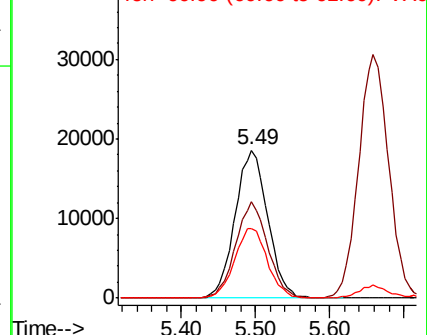
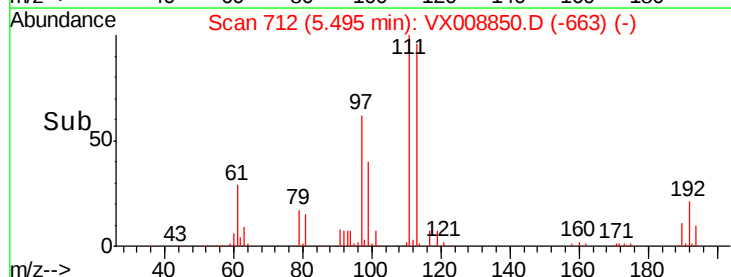
97 100

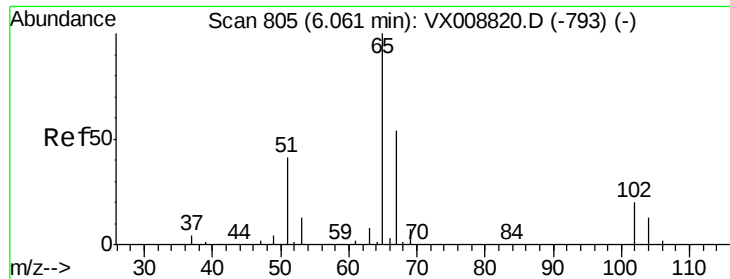
99 63.7 51.3 76.9

61 47.5 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

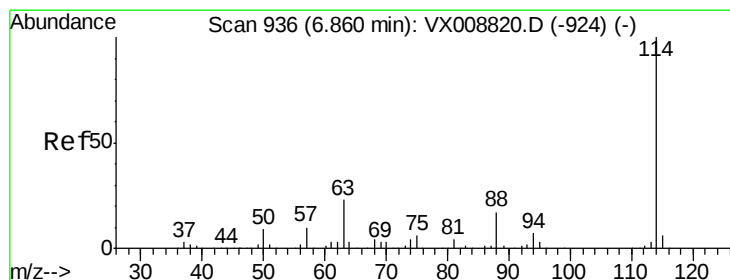
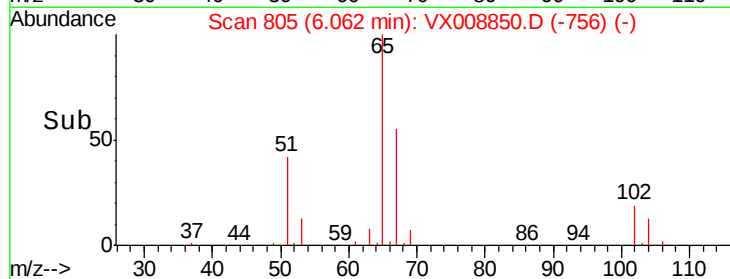
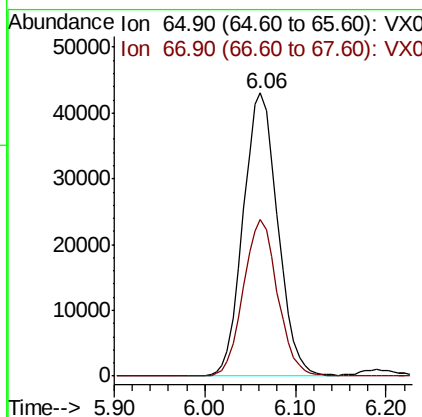
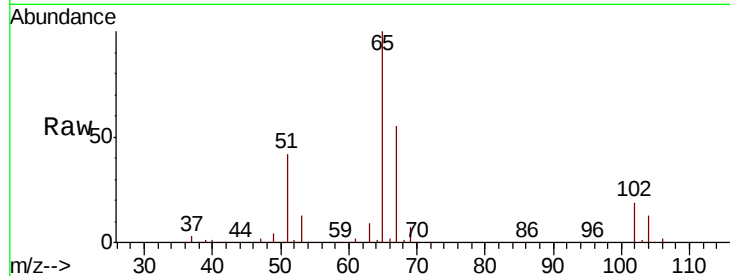




#33
 1,2-Dichloroethane-d4
 Concen: 51.414 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

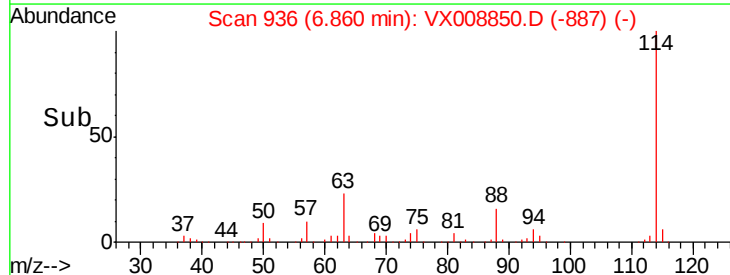
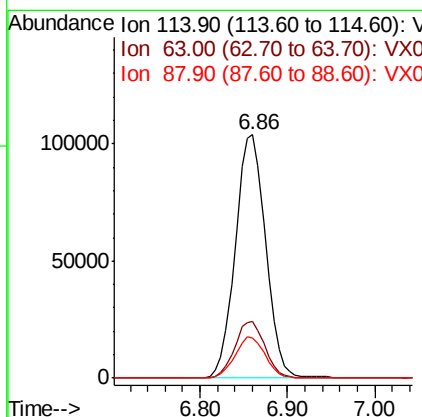
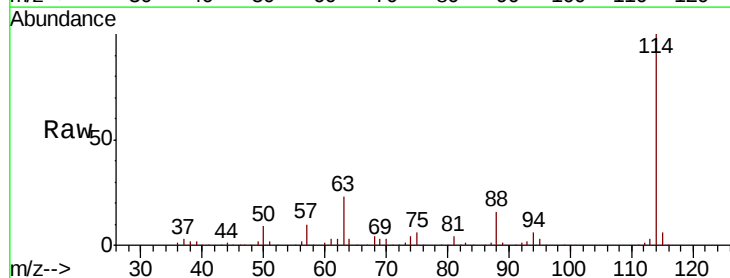
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

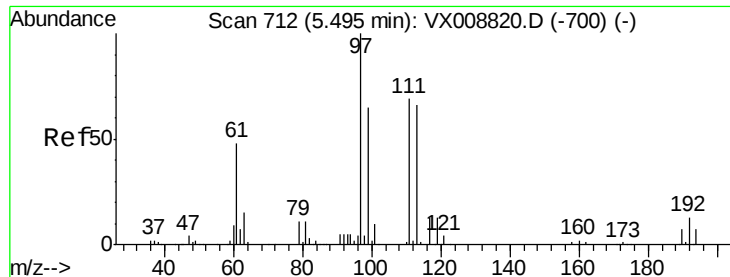
Tgt Ion: 65 Resp: 113582
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

Tgt Ion: 114 Resp: 251013
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 52.963 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

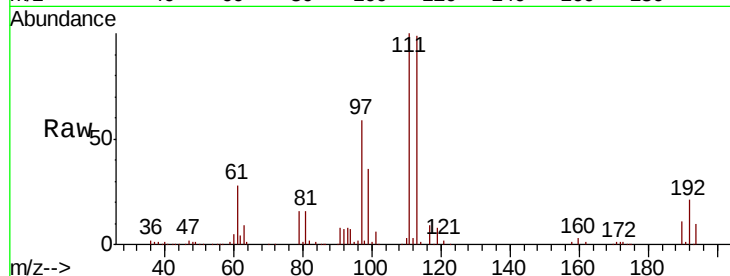
Tgt Ion:113 Resp: 84999

Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.2

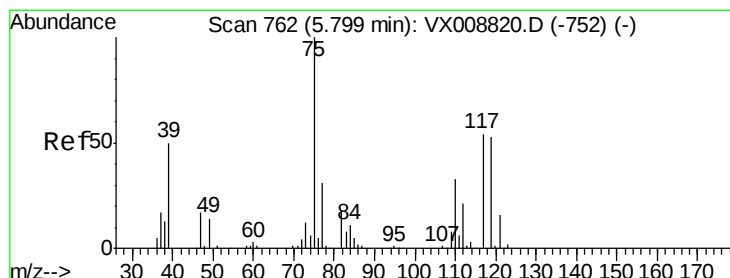
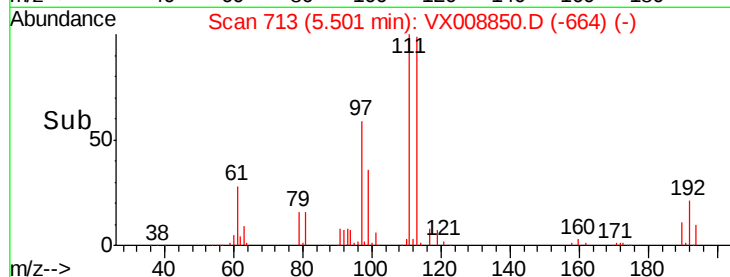
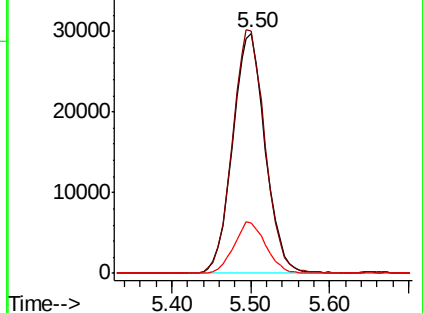
192 21.1 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.419 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

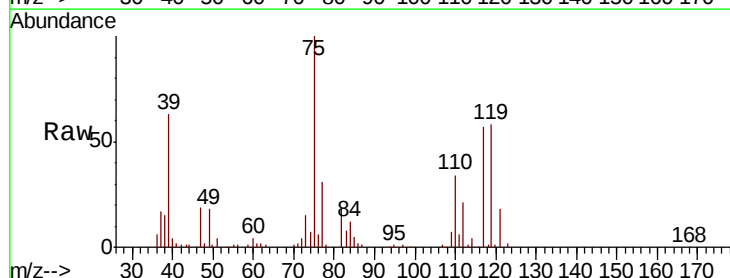
Tgt Ion: 75 Resp: 53282

Ion Ratio Lower Upper

75 100

110 33.8 16.4 49.2

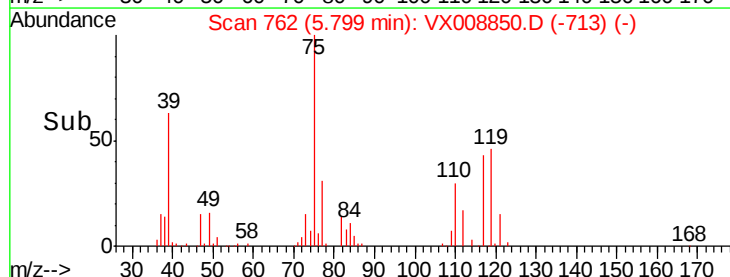
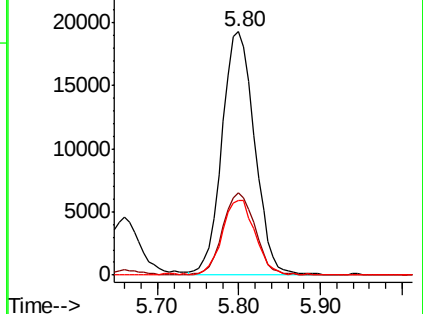
77 31.3 24.7 37.1

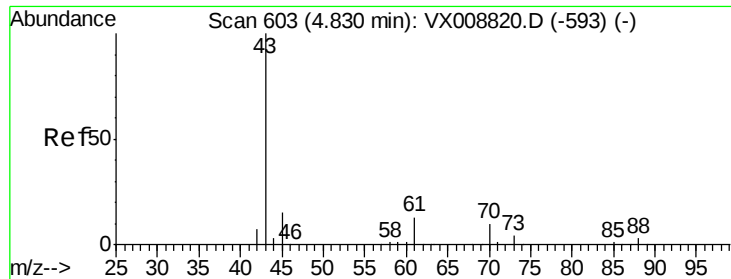


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

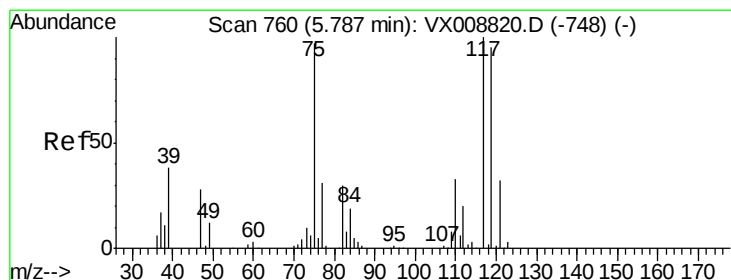
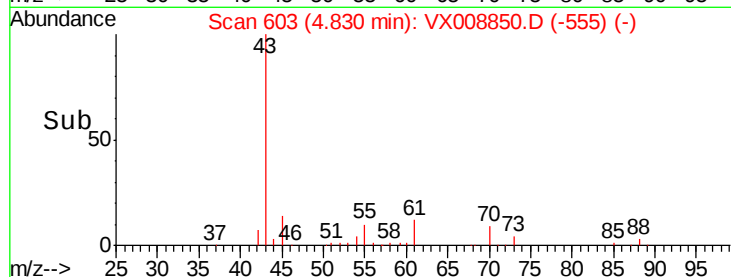
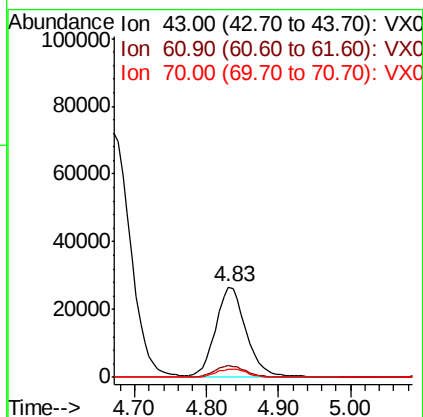
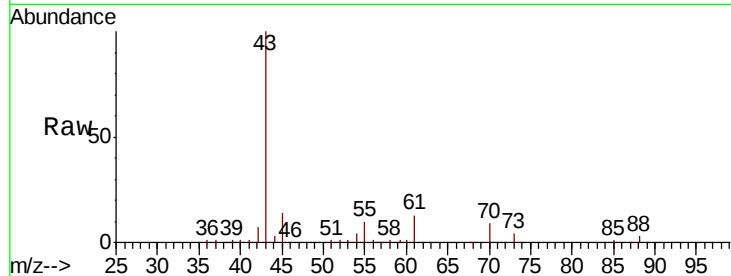




#37
Ethyl Acetate
Concen: 21.239 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

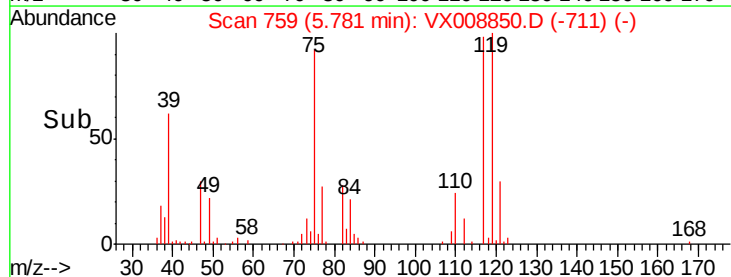
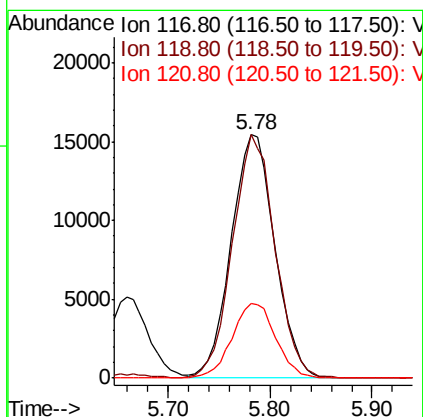
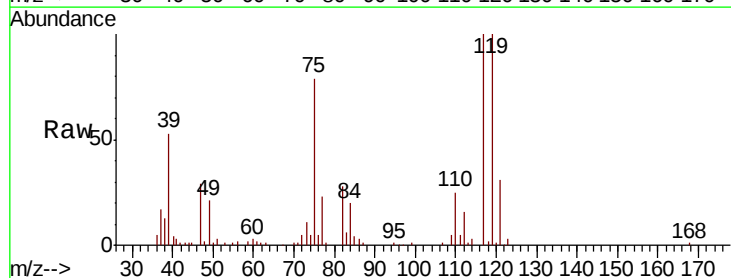
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

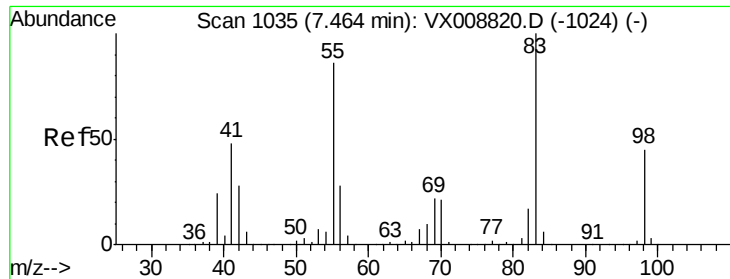
Tgt Ion: 43 Resp: 77786
Ion Ratio Lower Upper
43 100
61 13.4 10.3 15.5
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 20.274 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion: 117 Resp: 46041
Ion Ratio Lower Upper
117 100
119 99.7 75.0 112.6
121 30.8 24.3 36.5

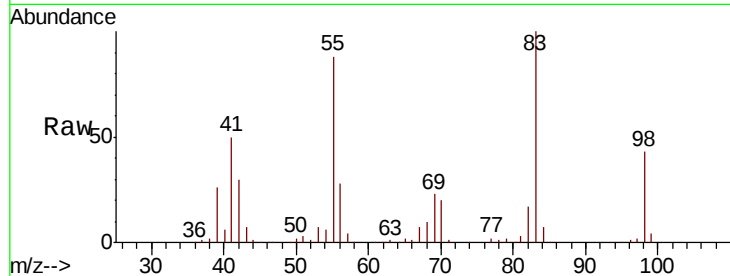




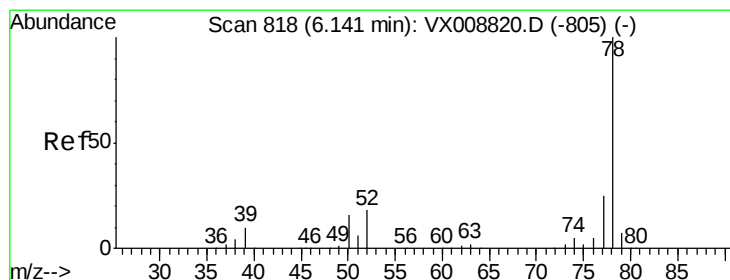
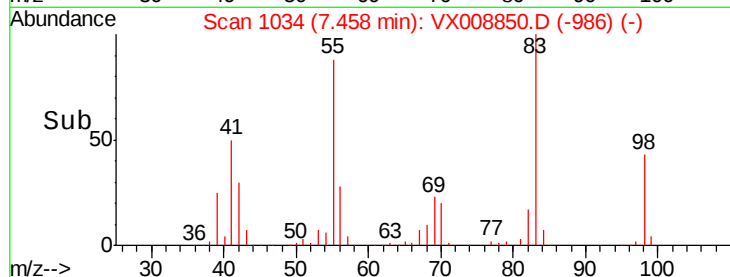
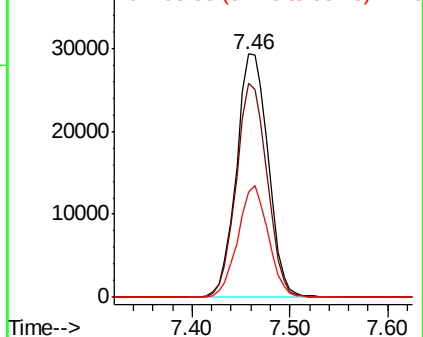
#39
Methylcyclohexane
Concen: 19.470 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

Tgt Ion: 83 Resp: 65995
Ion Ratio Lower Upper
83 100
55 87.8 69.0 103.6
98 43.3 34.4 51.6

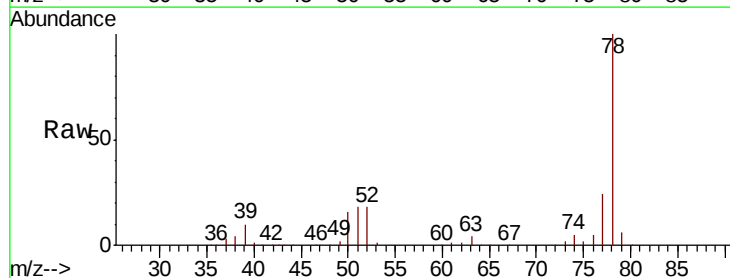


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

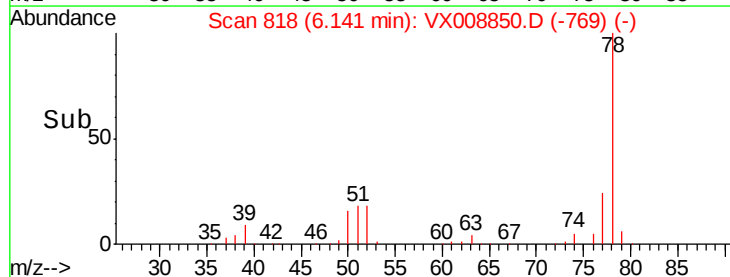
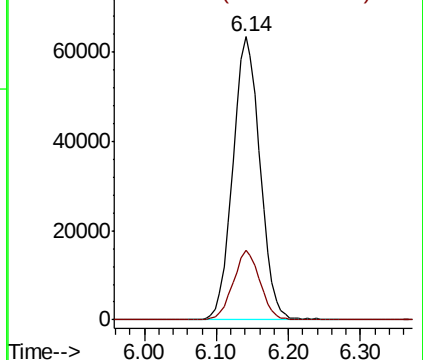


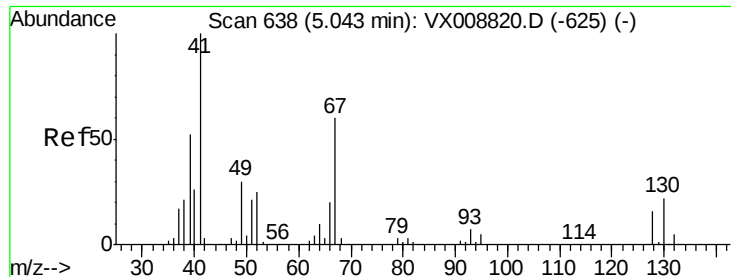
#40
Benzene
Concen: 20.391 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion: 78 Resp: 166678
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 20.824 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

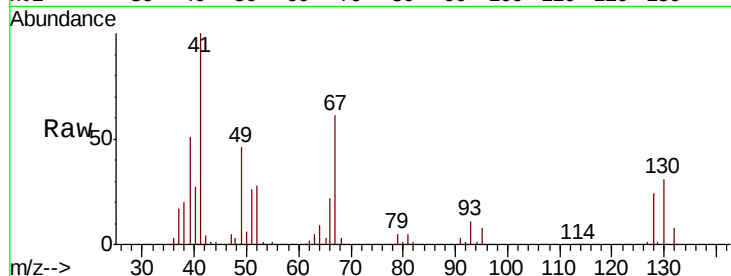
Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

Tgt Ion:	41	Resp:	43839
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.1	63.1
67	61.7	51.0	76.6
52	26.5	21.4	32.0

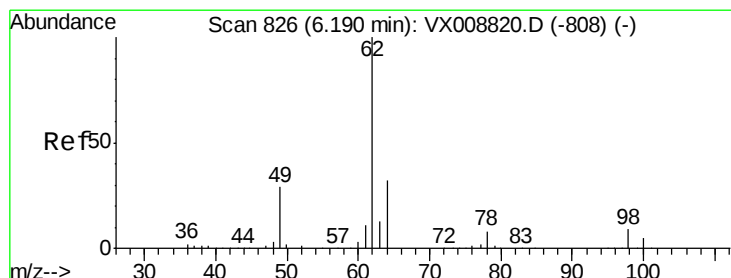
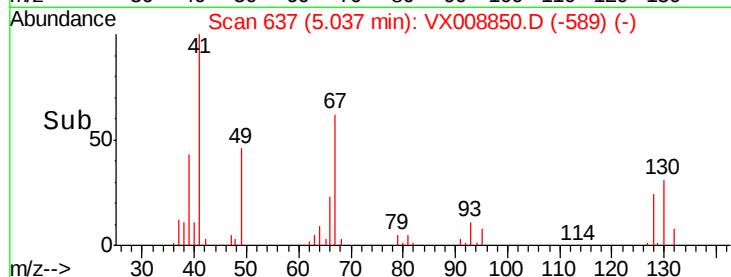
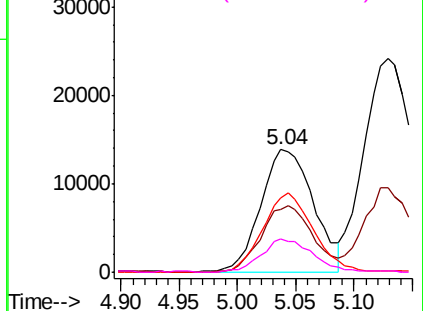


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.455 ug/l

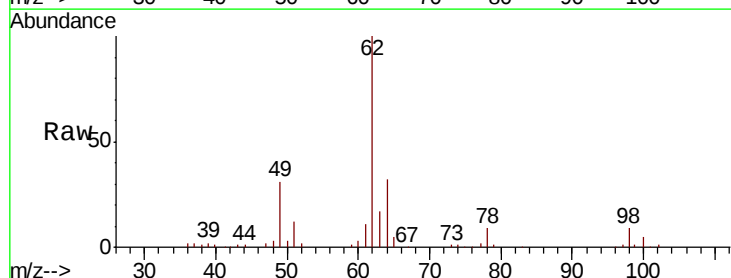
RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008850.D

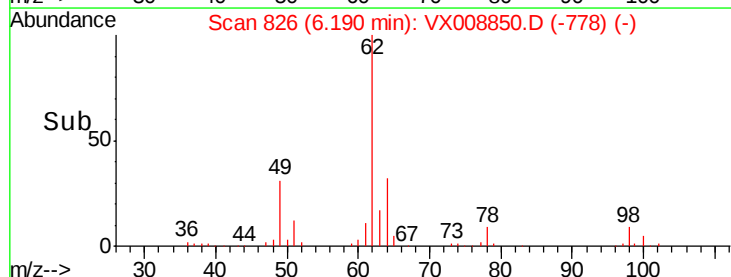
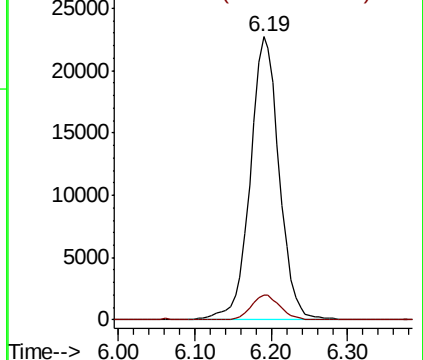
Acq: 11 Apr 2019 14:34

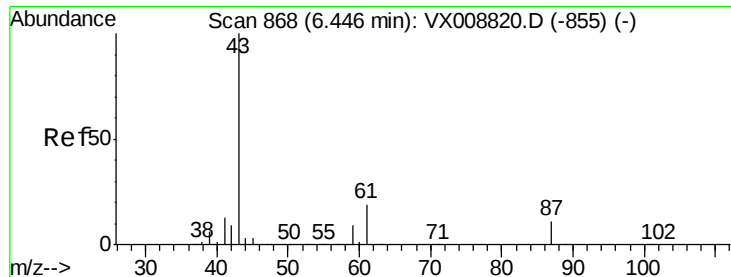
Tgt Ion:	62	Resp:	59943
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.058 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

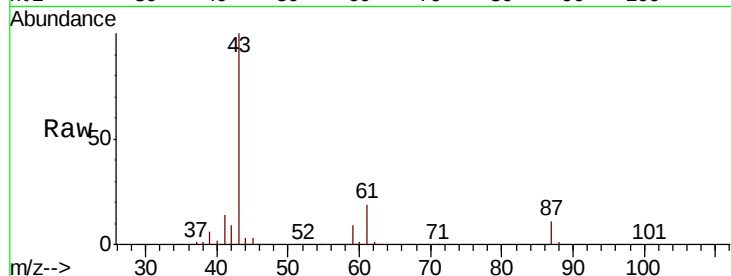
Tgt Ion: 43 Resp: 120815

Ion Ratio Lower Upper

43 100

61 18.6 15.3 22.9

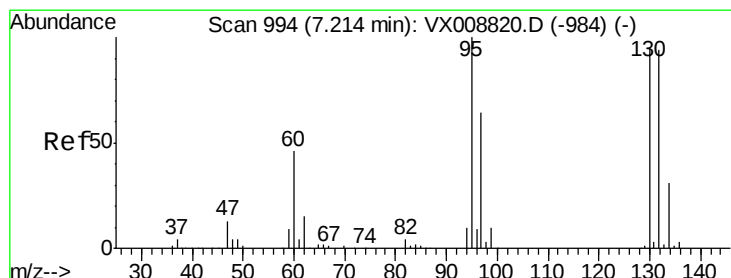
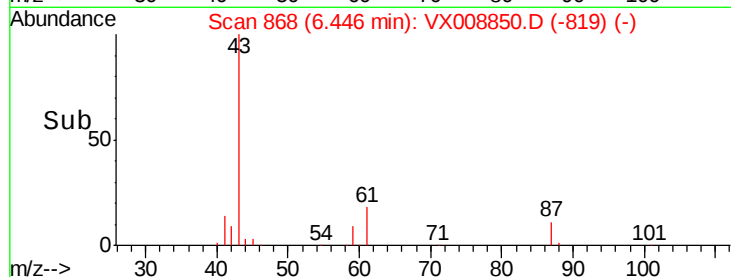
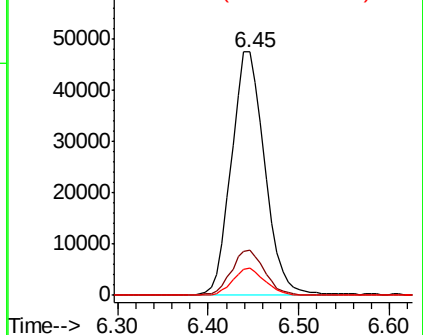
87 10.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.406 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008850.D

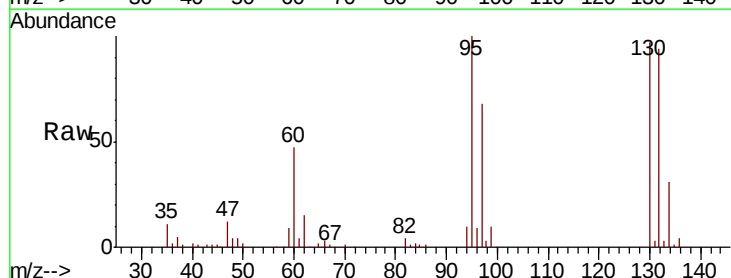
Acq: 11 Apr 2019 14:34

Tgt Ion:130 Resp: 38850

Ion Ratio Lower Upper

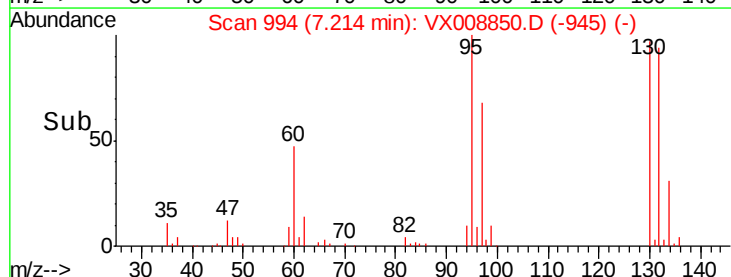
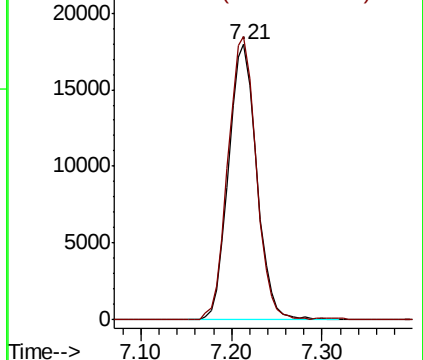
130 100

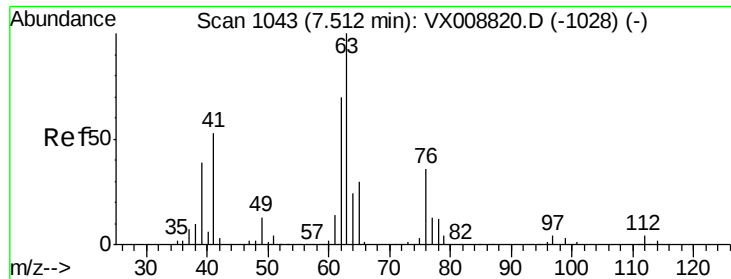
95 102.9 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.103 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

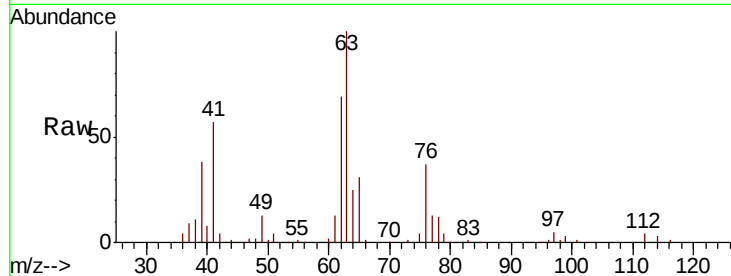
VX0411MBS01

Tgt Ion: 63 Resp: 46902

Ion Ratio Lower Upper

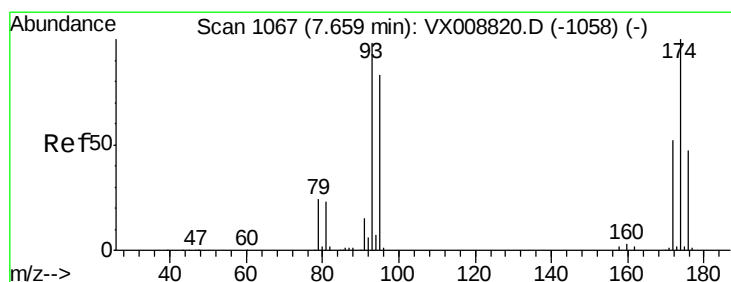
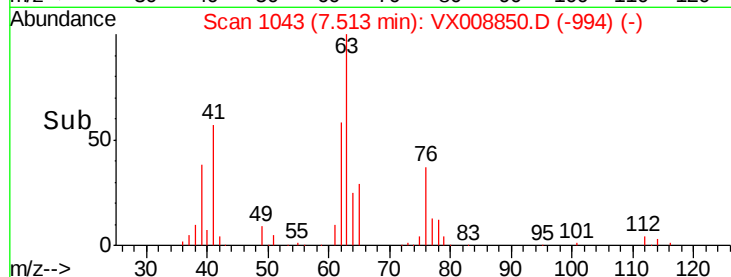
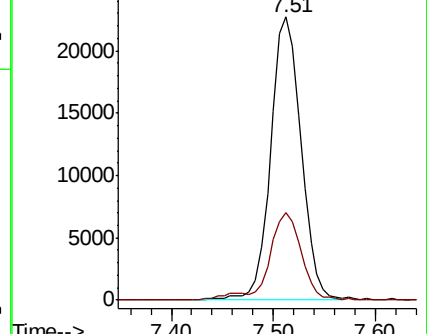
63 100

65 30.8 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.766 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

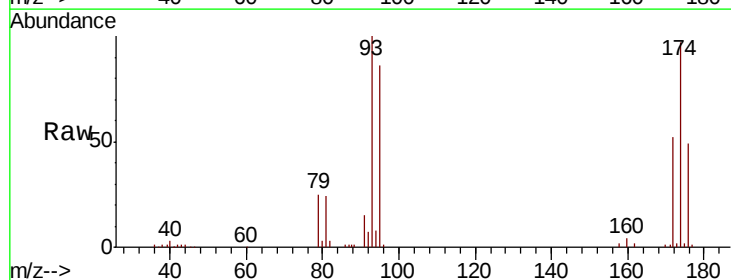
Tgt Ion: 93 Resp: 26747

Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

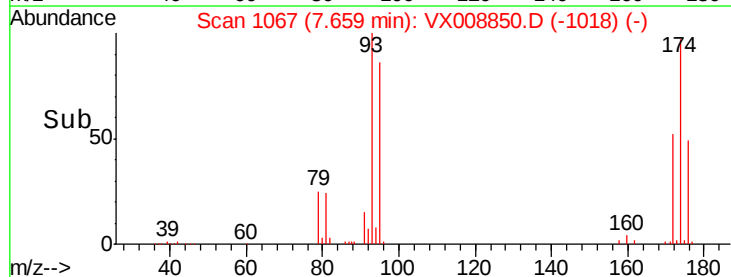
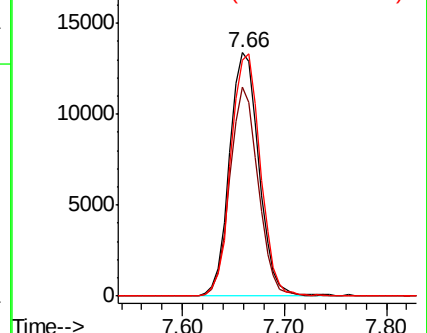
174 99.6 77.7 116.5

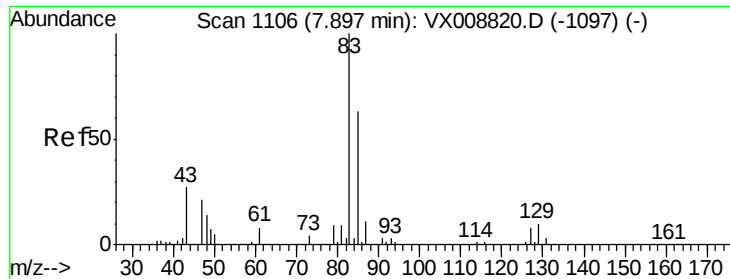


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.231 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

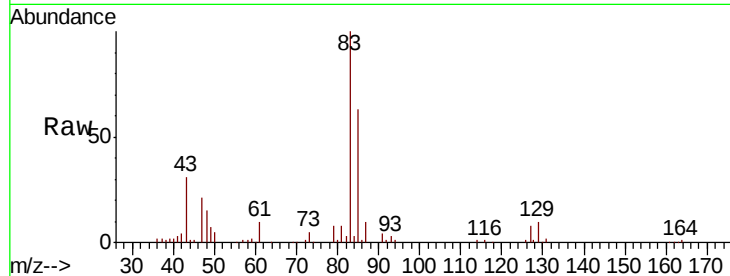
Tgt Ion: 83 Resp: 51618

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8

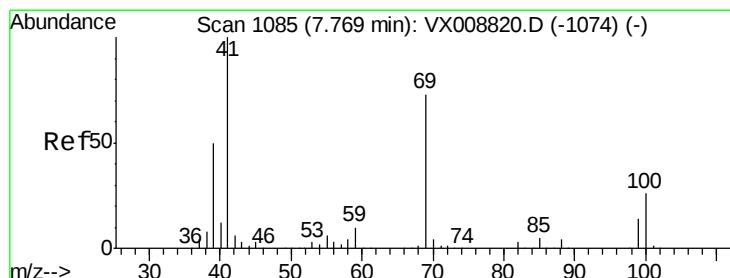
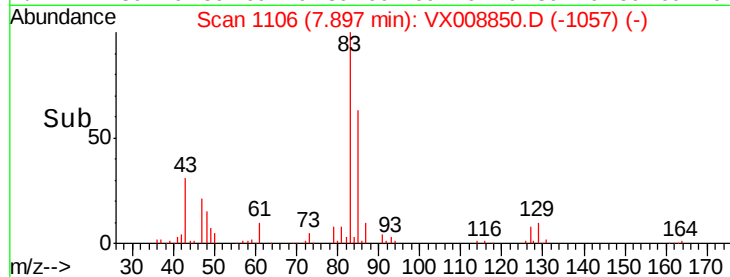
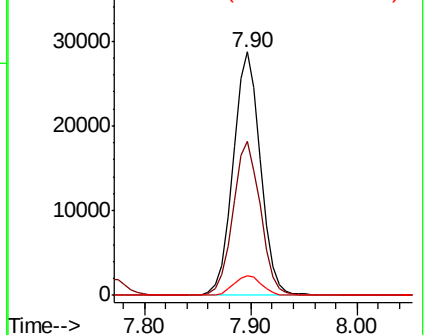
127 7.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.250 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

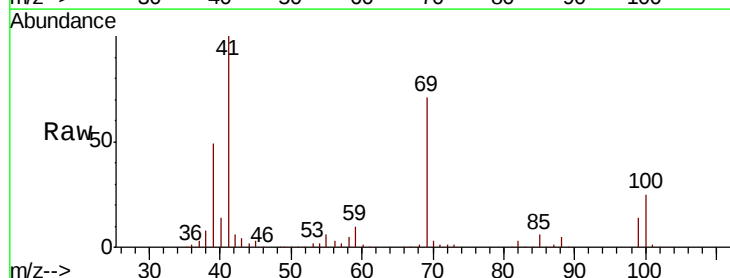
Tgt Ion: 41 Resp: 61670

Ion Ratio Lower Upper

41 100

69 71.9 59.0 88.4

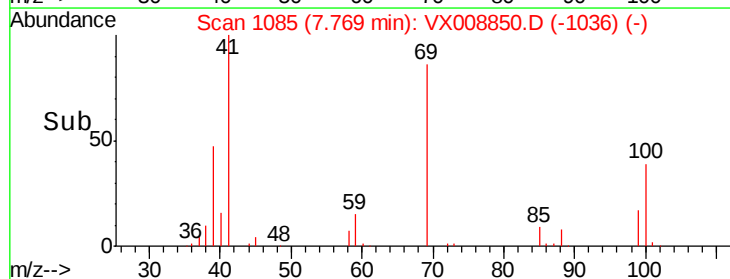
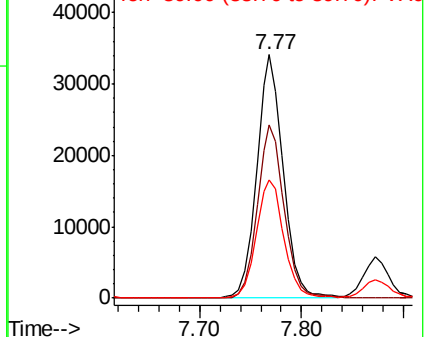
39 50.1 41.0 61.4

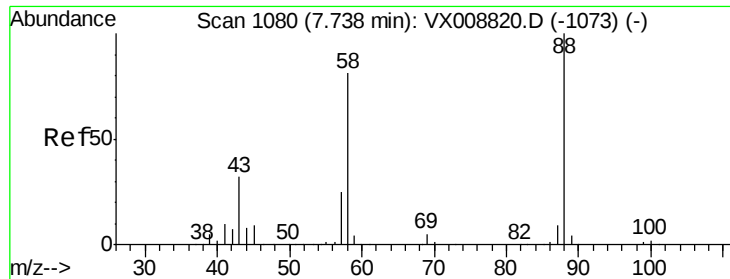


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

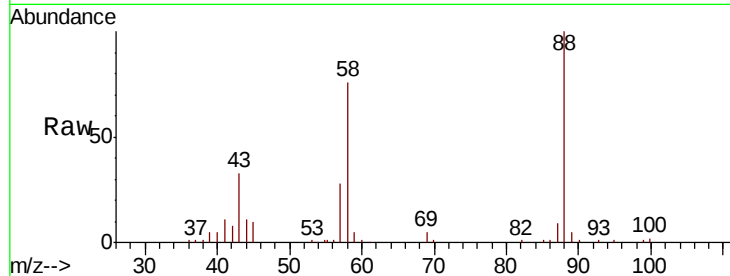




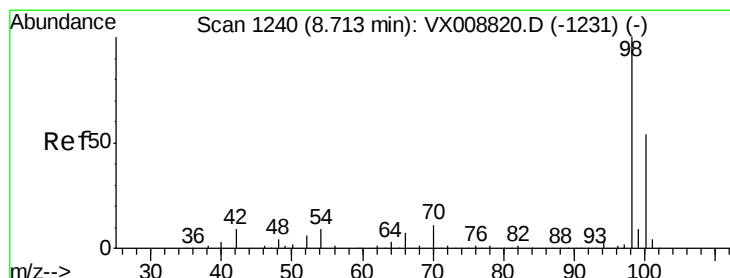
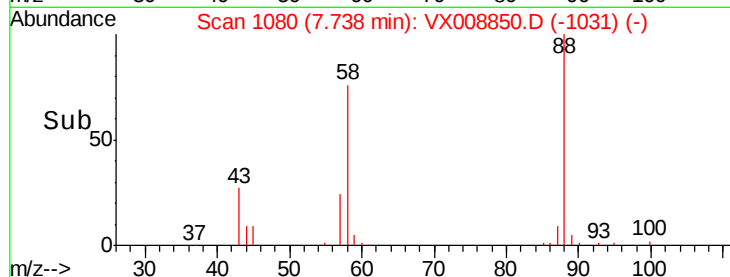
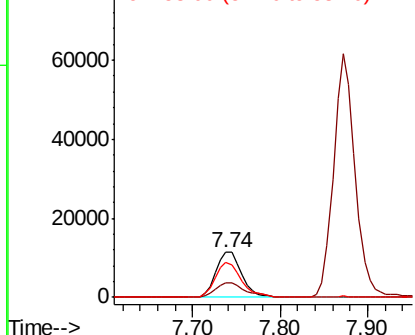
#49
1,4-Dioxane
Concen: 434.979 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

Tgt Ion: 88 Resp: 23648
Ion Ratio Lower Upper
88 100
43 36.8 28.6 43.0
58 77.2 62.2 93.2

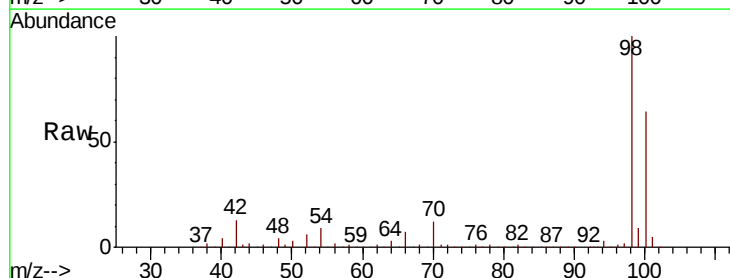


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

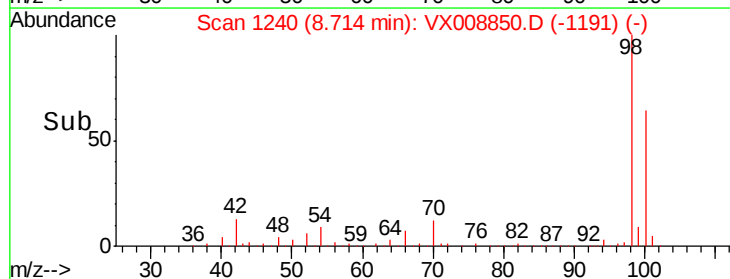
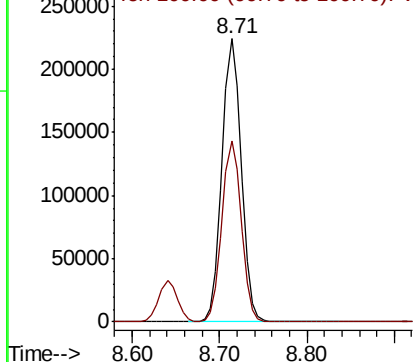


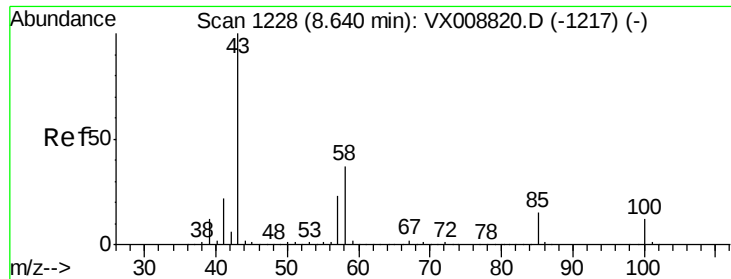
#50
Toluene-d8
Concen: 53.454 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion: 98 Resp: 341584
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

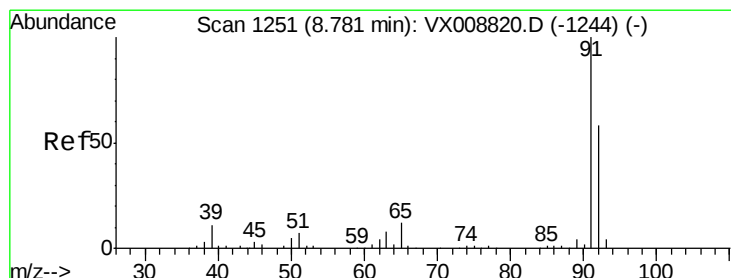
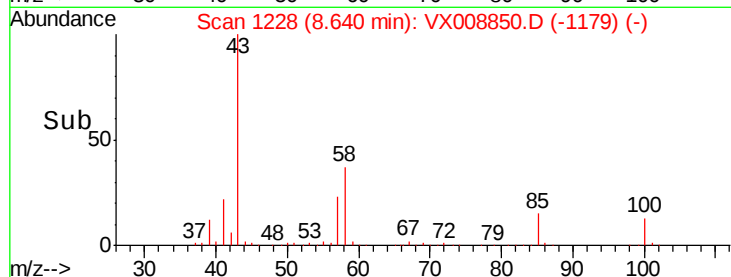
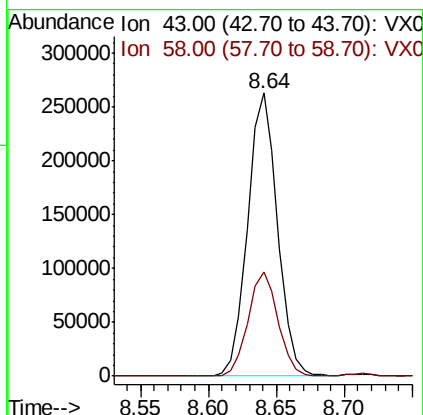
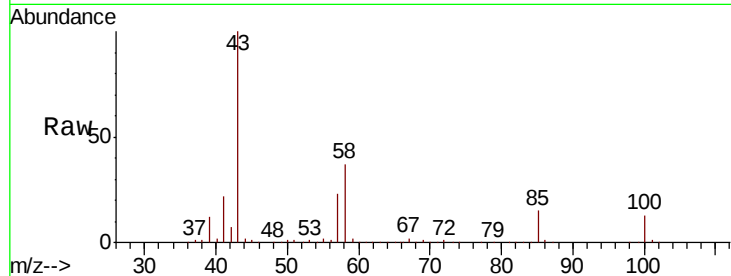




#51
4-Methyl-2-Pentanone
Concen: 109.410 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

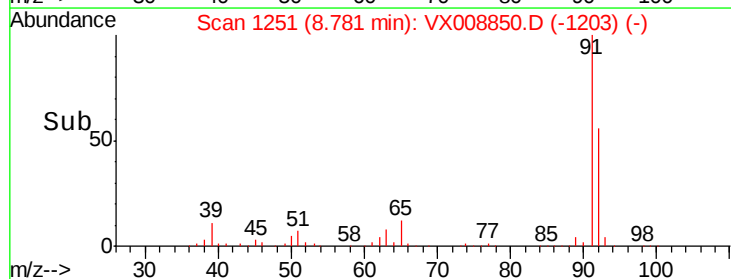
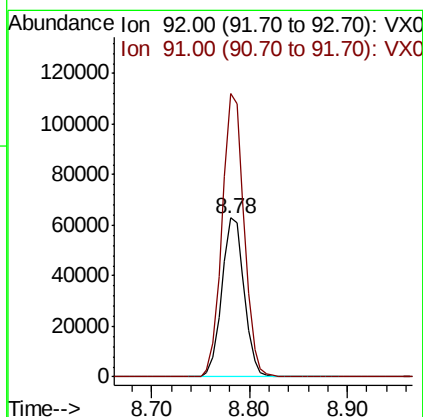
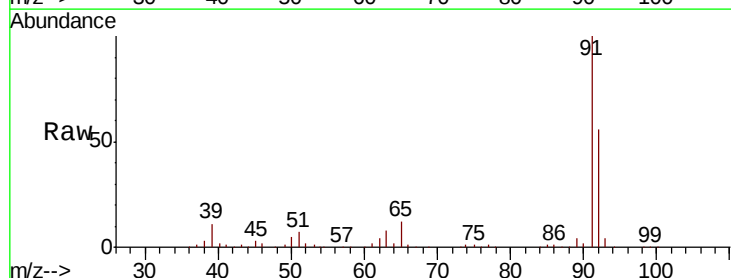
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

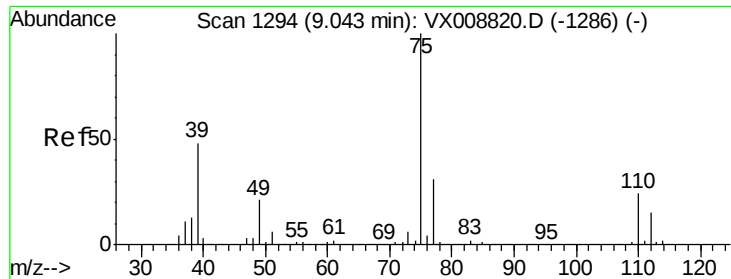
Tgt Ion: 43 Resp: 404078
Ion Ratio Lower Upper
43 100
58 36.8 29.5 44.3



#52
Toluene
Concen: 20.653 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion: 92 Resp: 99529
Ion Ratio Lower Upper
92 100
91 175.2 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 20.746 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

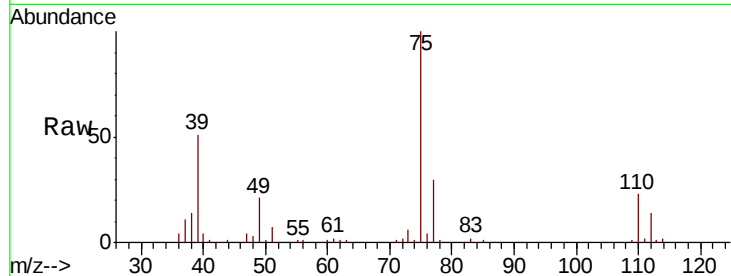
VX0411MBS01

Tgt Ion: 75 Resp: 59292

Ion Ratio Lower Upper

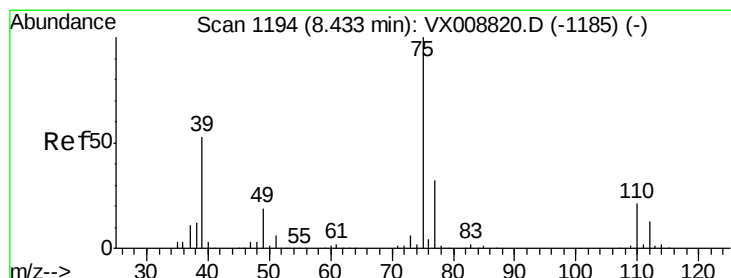
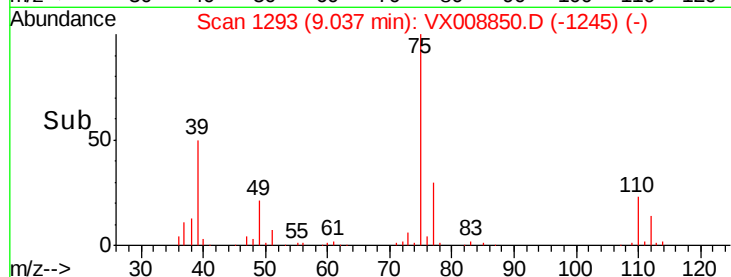
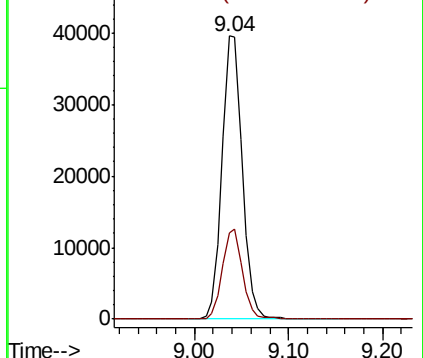
75 100

77 30.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.993 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

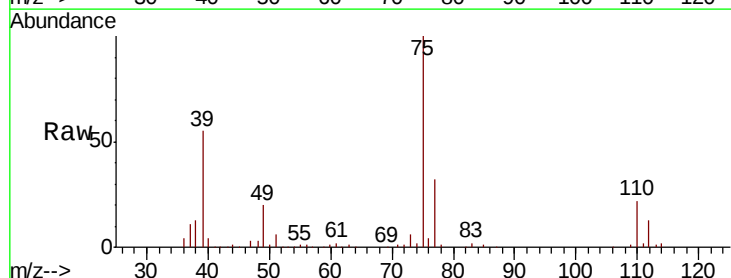
Tgt Ion: 75 Resp: 65291

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

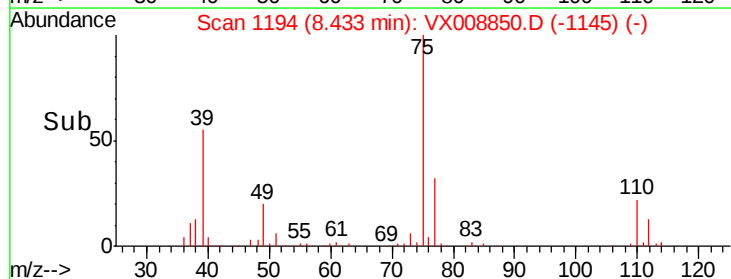
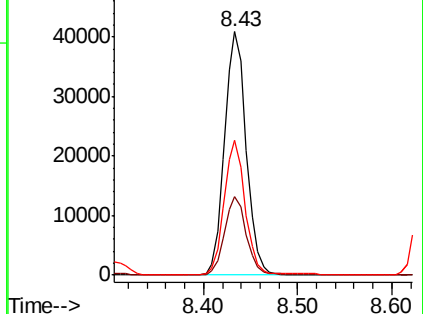
39 54.9 42.6 63.8

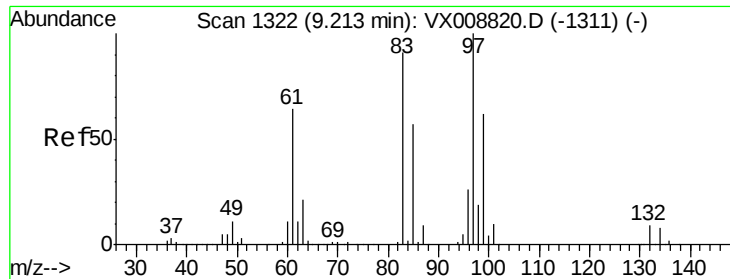


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

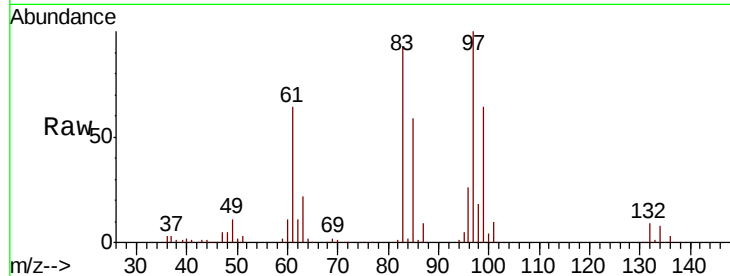




#55
 1,1,2-Trichloroethane
 Concen: 20.446 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

Tgt Ion:	97	Resp:	39551
Ion	Ratio	Lower	Upper
97	100		
83	93.0	73.2	109.8
85	59.0	46.6	69.8
99	63.8	50.1	75.1



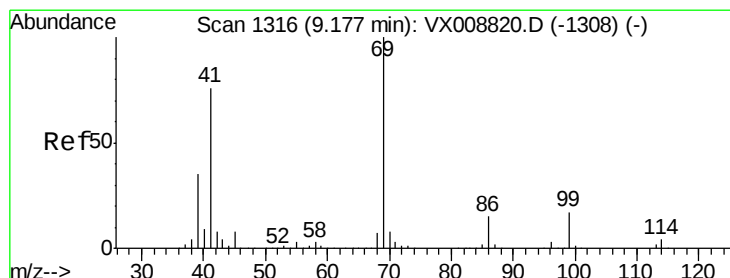
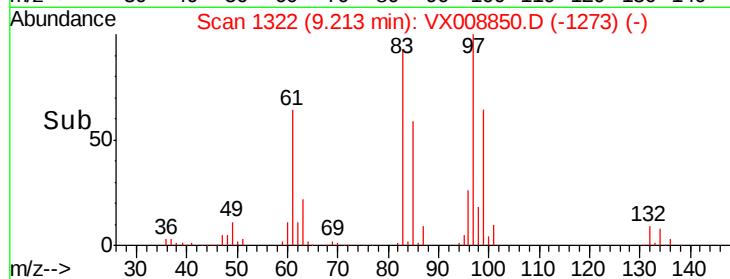
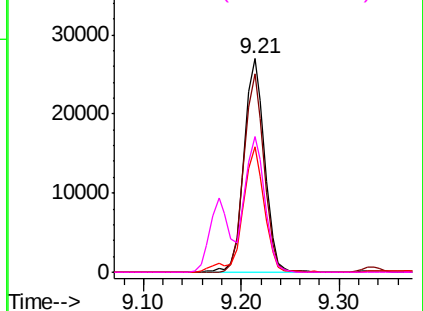
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

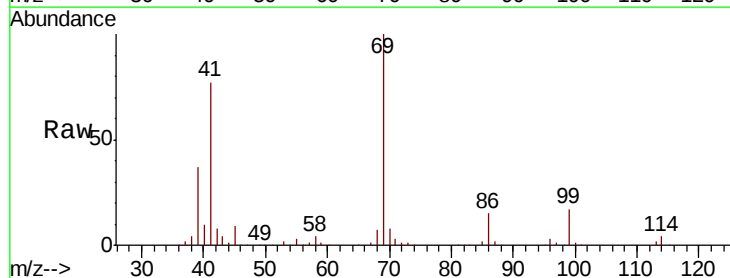
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 21.371 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

Tgt Ion:	69	Resp:	74799
Ion	Ratio	Lower	Upper
69	100		
41	76.5	60.1	90.1
39	36.7	28.9	43.3

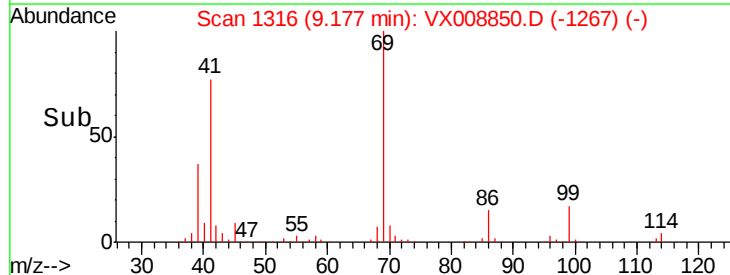
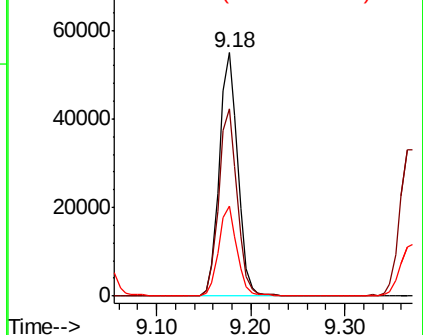


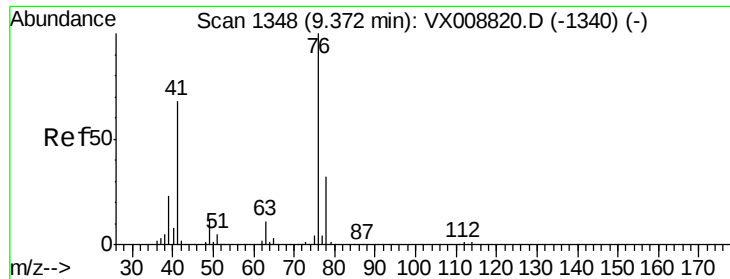
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.603 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampled :

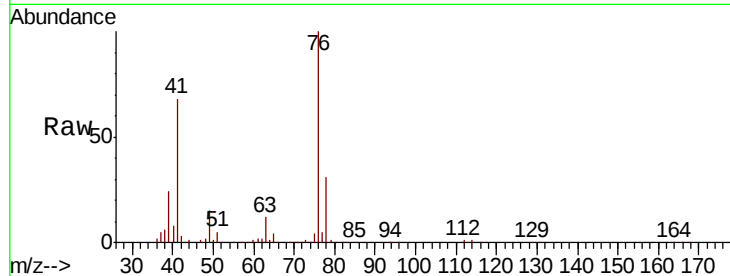
VX0411MBS01

Tgt Ion: 76 Resp: 71567

Ion Ratio Lower Upper

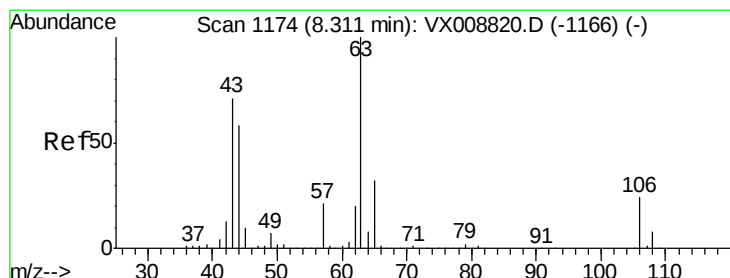
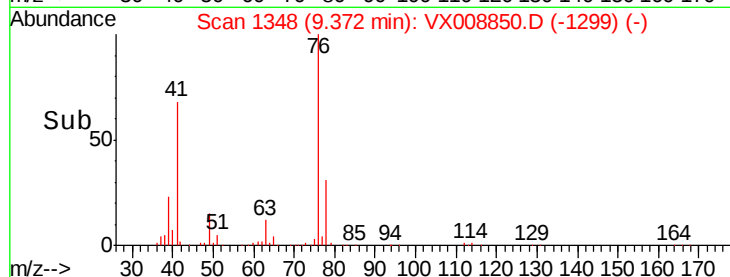
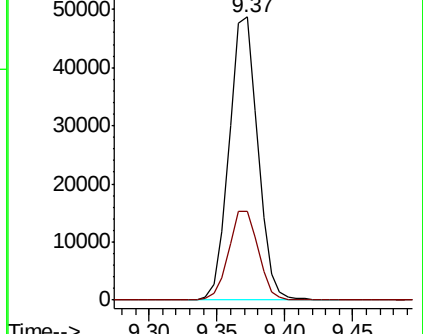
76 100

78 32.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 94.500 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008850.D

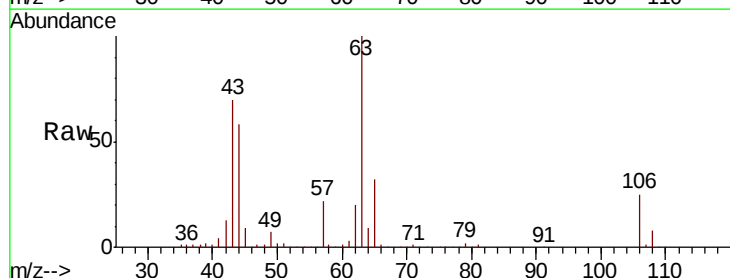
Acq: 11 Apr 2019 14:34

Tgt Ion: 63 Resp: 168886

Ion Ratio Lower Upper

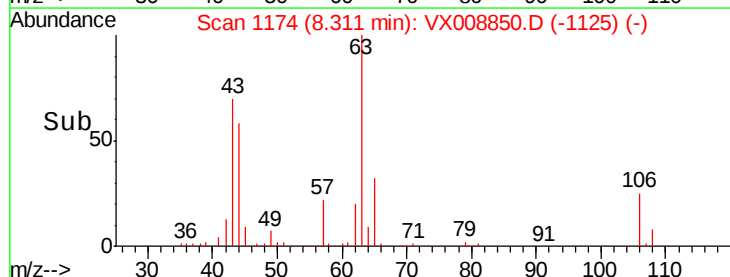
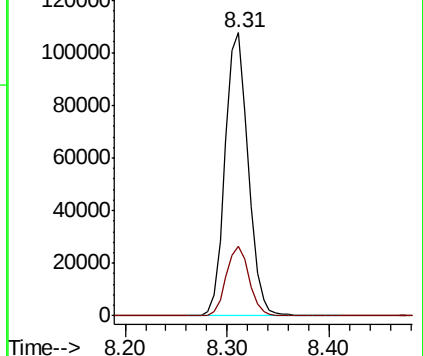
63 100

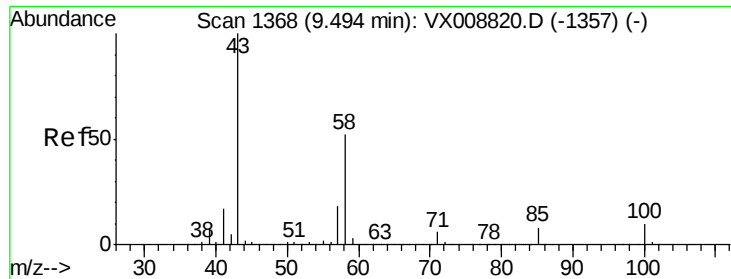
106 24.4 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

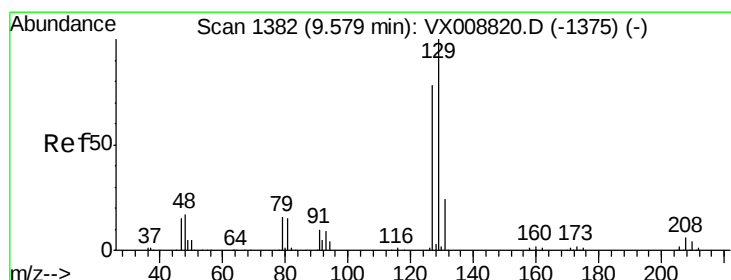
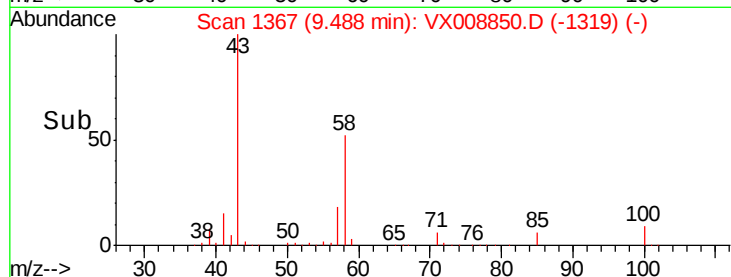
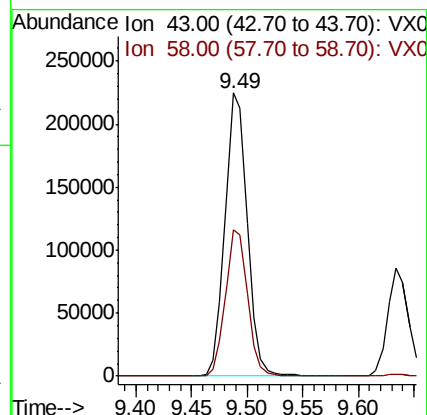
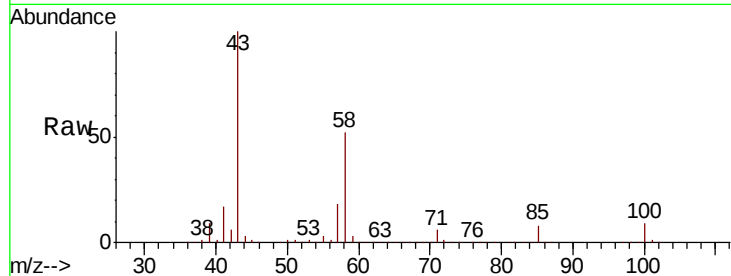




#59
2-Hexanone
Concen: 108.601 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

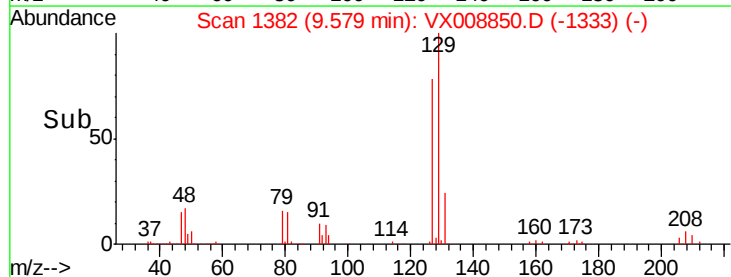
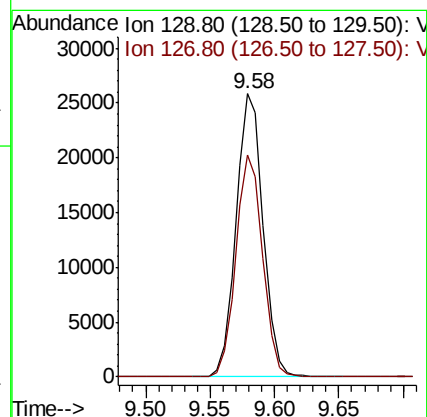
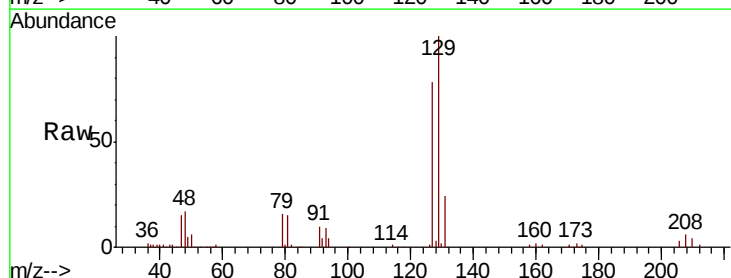
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

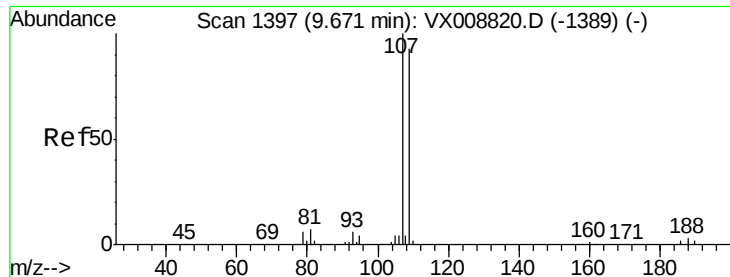
Tgt Ion: 43 Resp: 311706
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7



#60
Dibromochloromethane
Concen: 20.719 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion: 129 Resp: 37767
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3

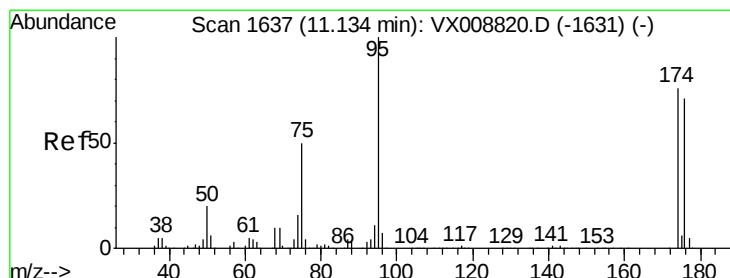
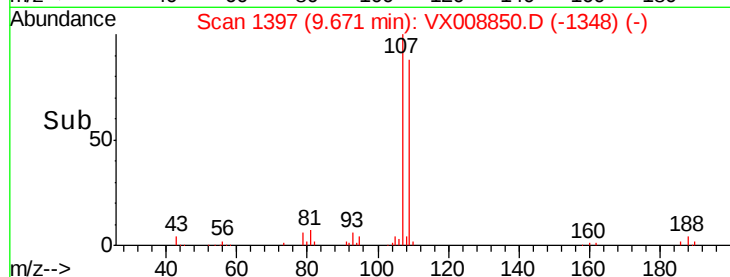
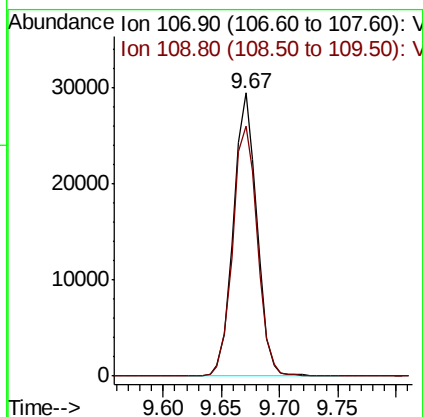
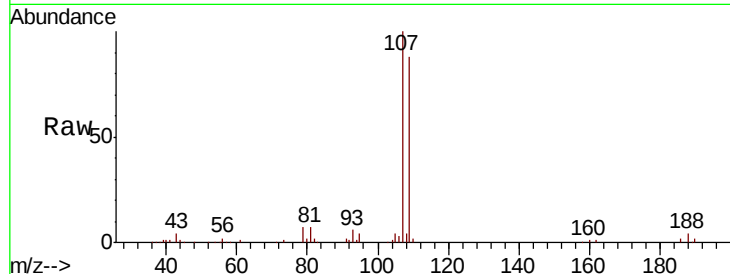




#61
 1,2-Dibromoethane
 Concen: 20.614 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

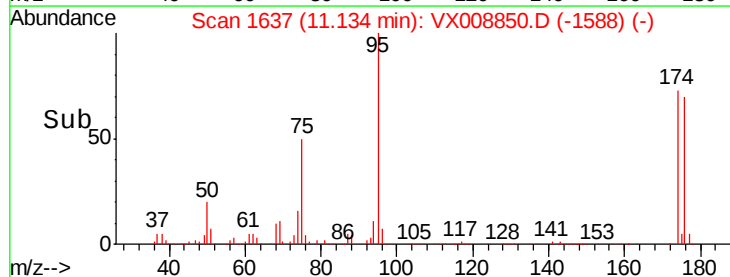
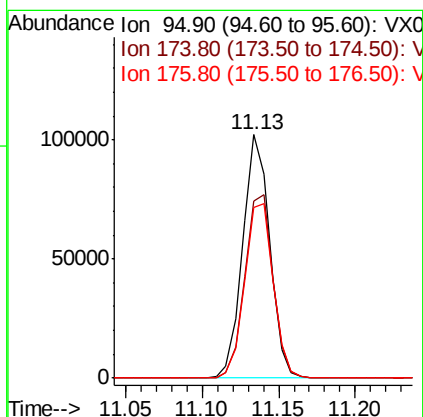
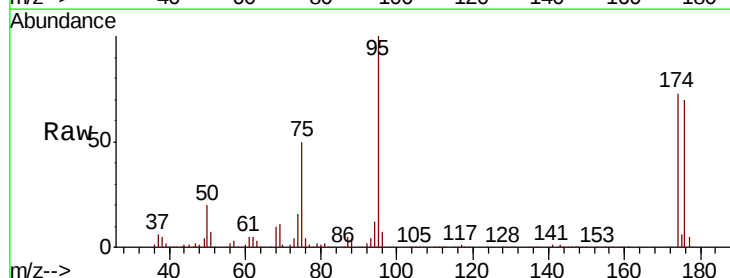
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

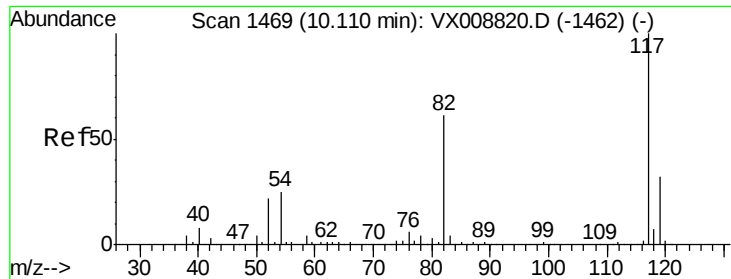
Tgt Ion: 107 Resp: 41512
 Ion Ratio Lower Upper
 107 100
 109 92.7 74.1 111.1



#62
 4-Bromofluorobenzene
 Concen: 55.182 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

Tgt Ion: 95 Resp: 125046
 Ion Ratio Lower Upper
 95 100
 174 78.8 0.0 151.8
 176 75.9 0.0 145.8

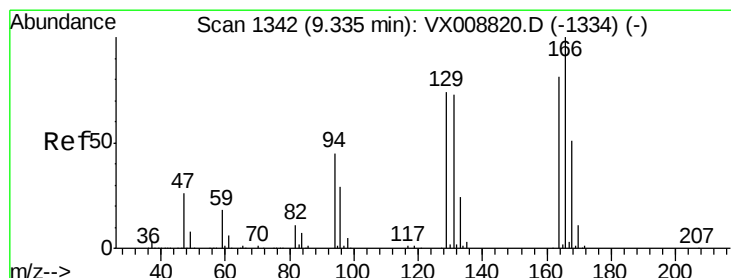
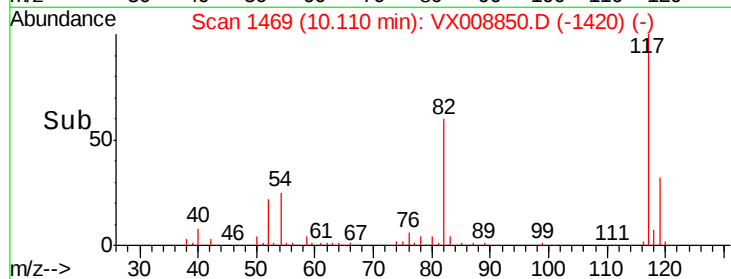
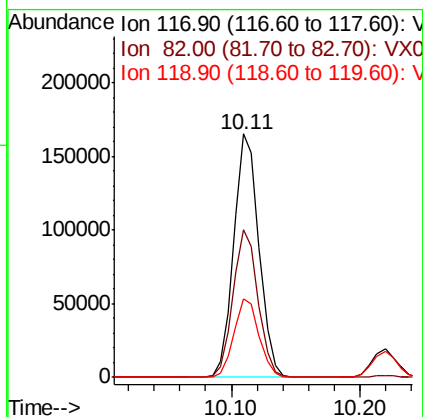
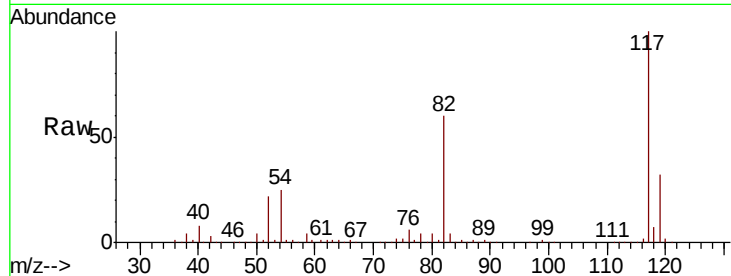




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

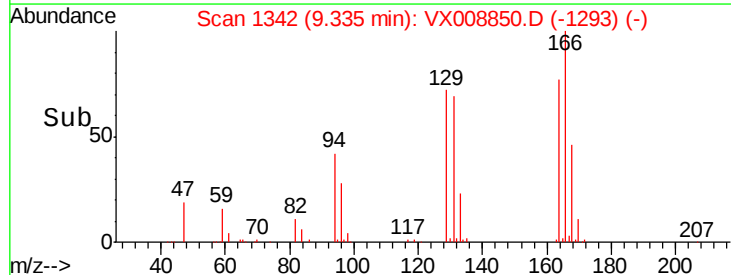
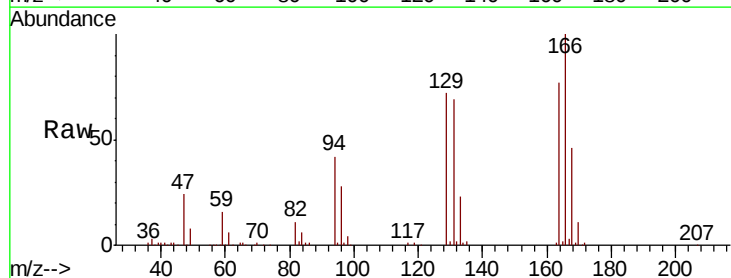
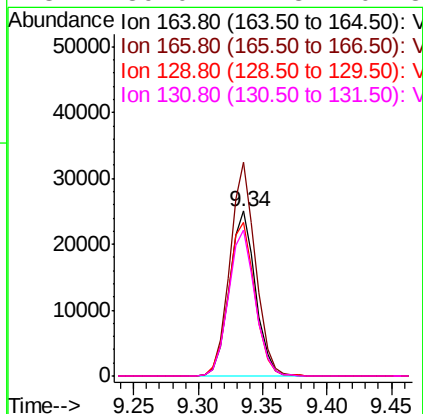
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

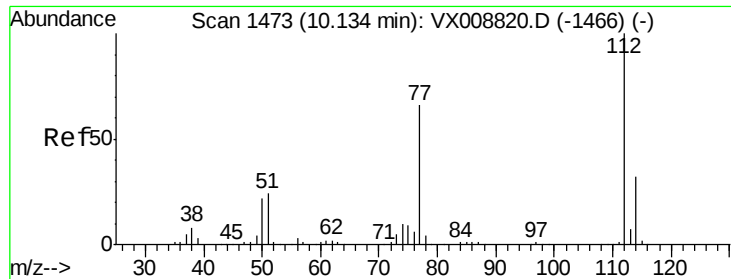
Tgt Ion:117 Resp: 225390
Ion Ratio Lower Upper
117 100
82 60.4 49.6 74.4
119 32.3 25.0 37.4



#64
Tetrachloroethene
Concen: 21.157 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion:164 Resp: 35330
Ion Ratio Lower Upper
164 100
166 129.8 101.0 151.6
129 93.2 75.8 113.8
131 89.0 71.8 107.8

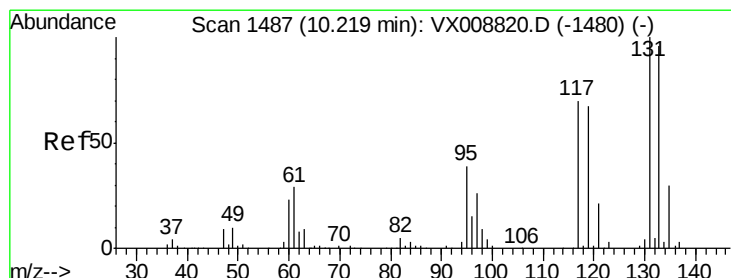
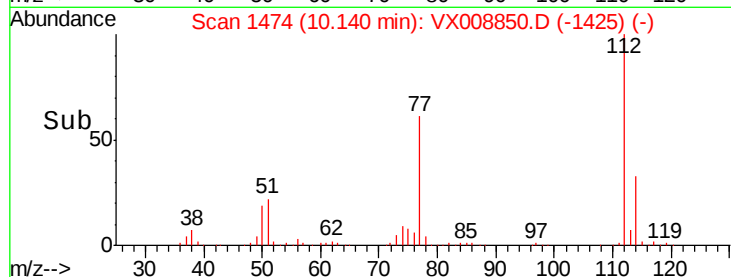
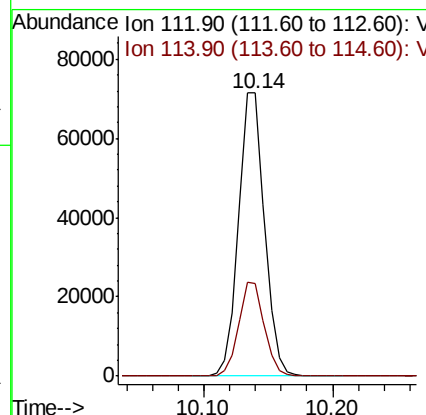
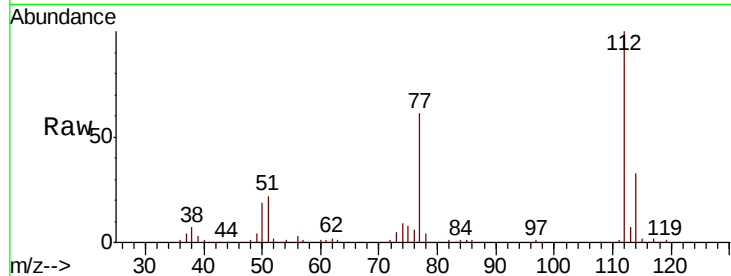




#65
Chlorobenzene
Concen: 20.152 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

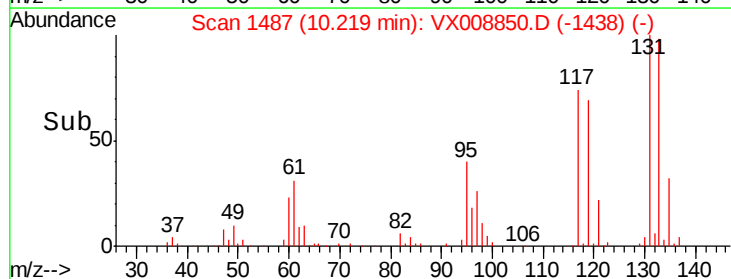
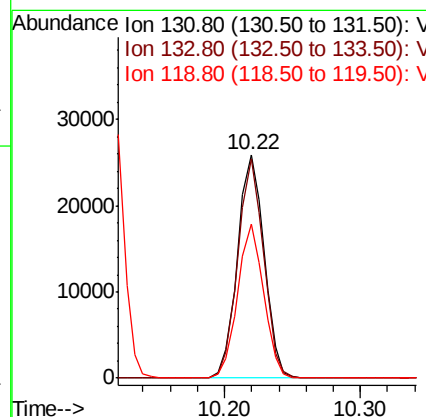
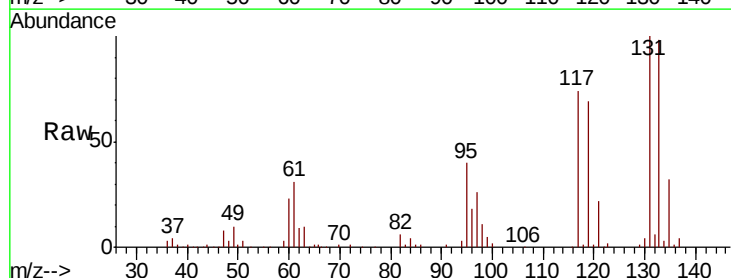
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

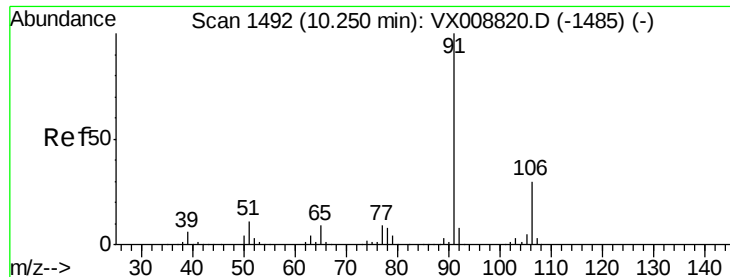
Tgt Ion:112 Resp: 100685
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.253 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion:131 Resp: 35499
Ion Ratio Lower Upper
131 100
133 95.0 47.0 141.2
119 67.5 33.7 101.0





#67

Ethyl Benzene

Concen: 20.413 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

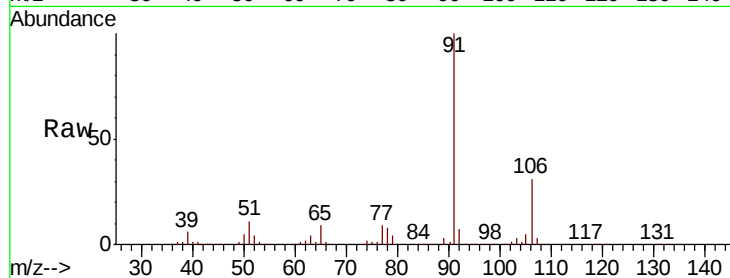
VX0411MBS01

Tgt Ion: 91 Resp: 190177

Ion Ratio Lower Upper

91 100

106 30.6 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

250000

200000

150000

100000

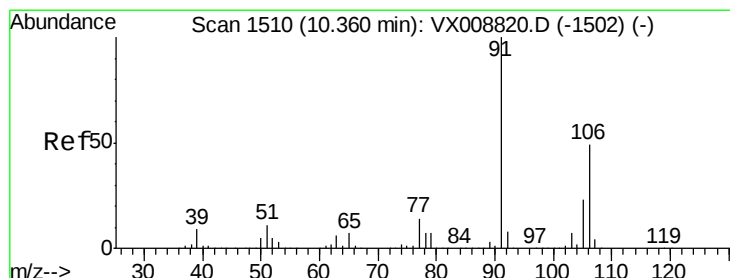
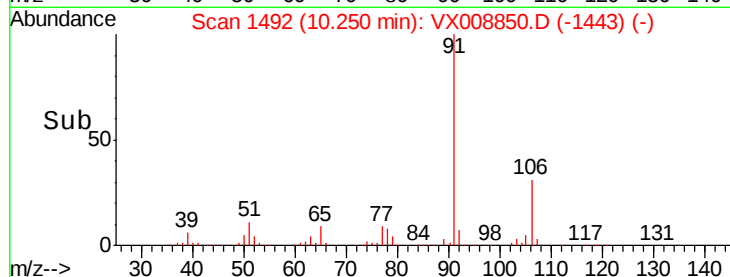
50000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 41.048 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008850.D

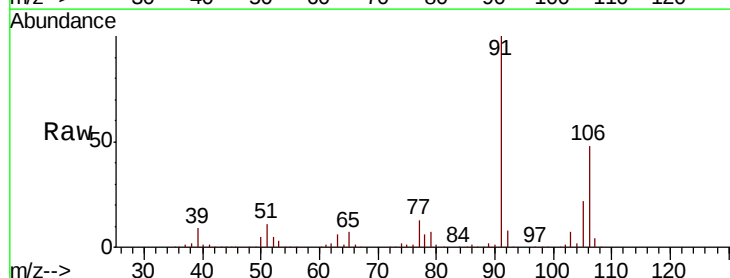
Acq: 11 Apr 2019 14:34

Tgt Ion: 106 Resp: 137497

Ion Ratio Lower Upper

106 100

91 208.6 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

100000

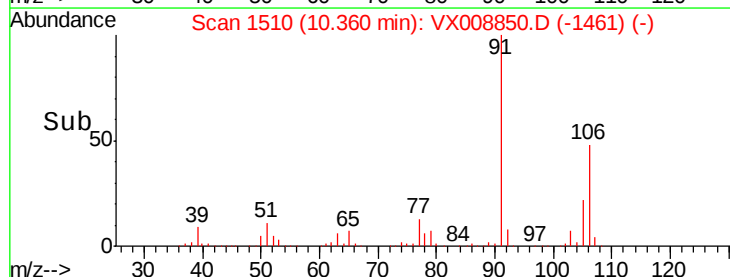
50000

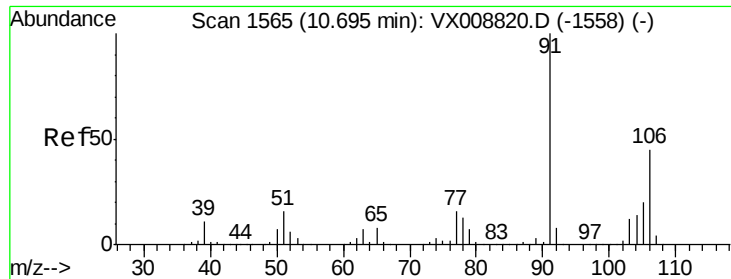
0

10.30

10.40

Time-->

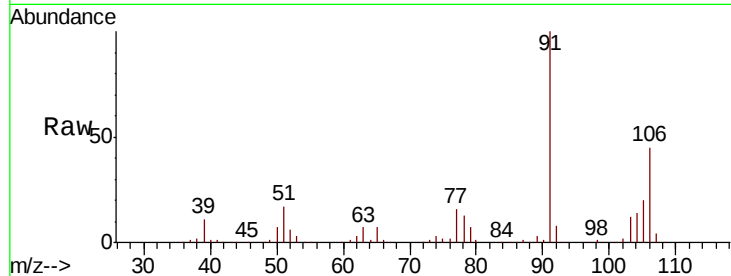




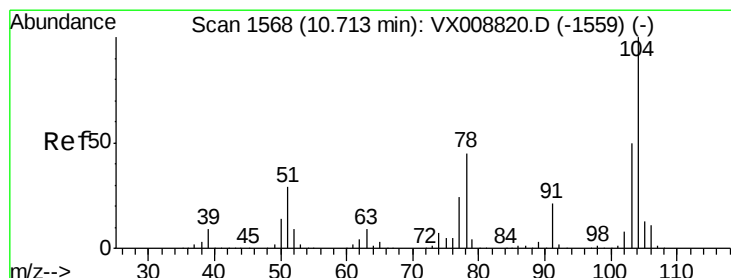
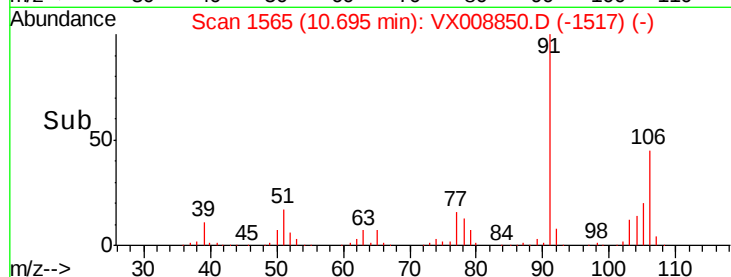
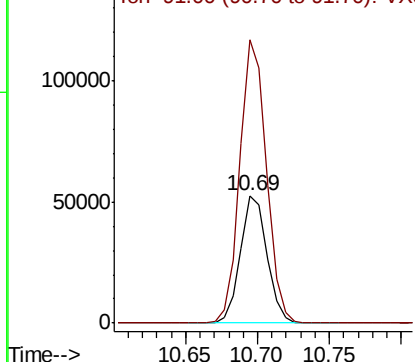
#69
o-Xylene
Concen: 20.759 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

Tgt Ion:106 Resp: 67388
Ion Ratio Lower Upper
106 100
91 222.5 111.5 334.4

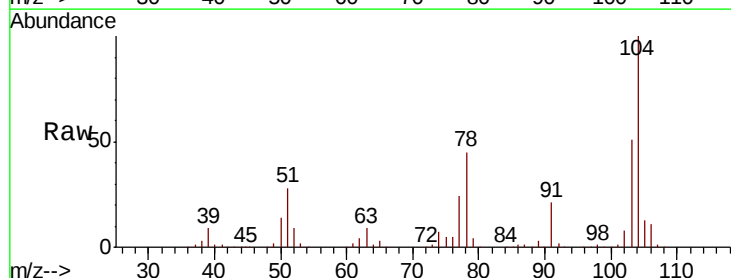


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

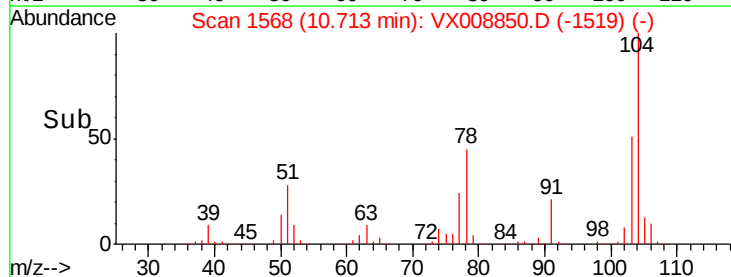
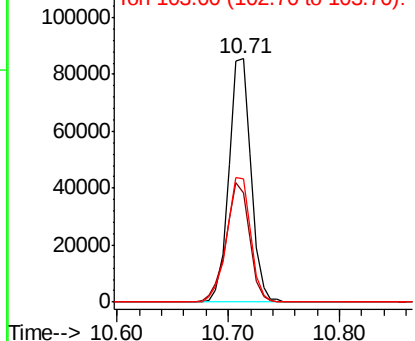


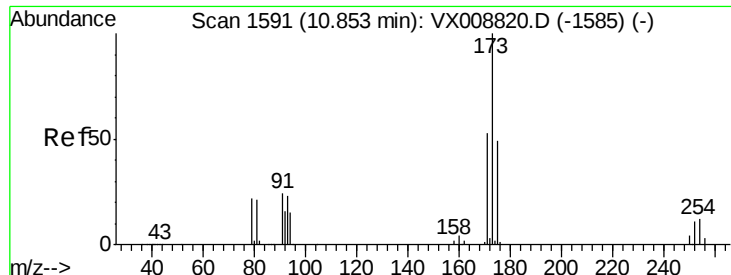
#70
Styrene
Concen: 20.921 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion:104 Resp: 117068
Ion Ratio Lower Upper
104 100
78 52.4 42.3 63.5
103 55.3 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.818 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

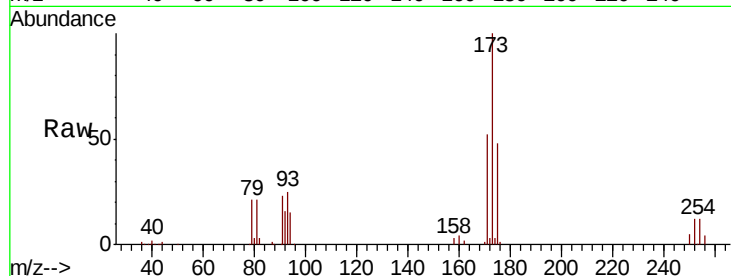
Tgt Ion:173 Resp: 27868

Ion Ratio Lower Upper

173 100

175 47.4 24.9 74.6

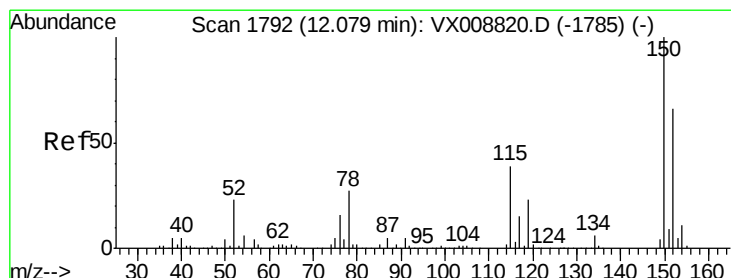
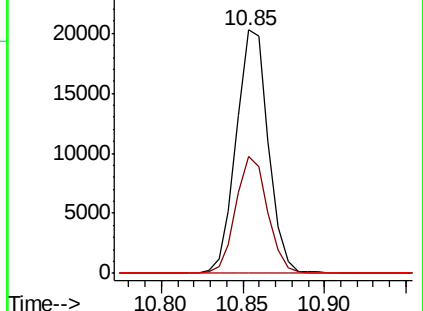
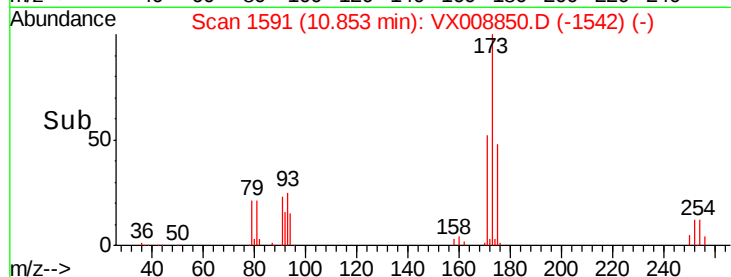
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

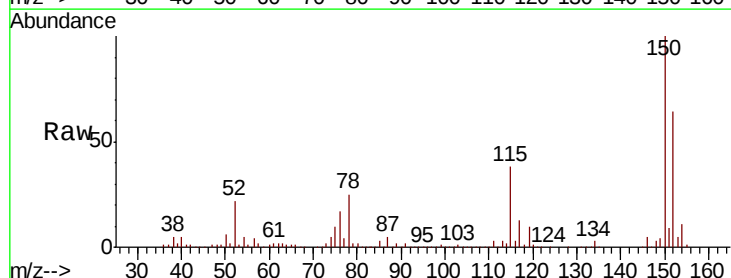
Tgt Ion:152 Resp: 105768

Ion Ratio Lower Upper

152 100

115 70.3 43.5 130.5

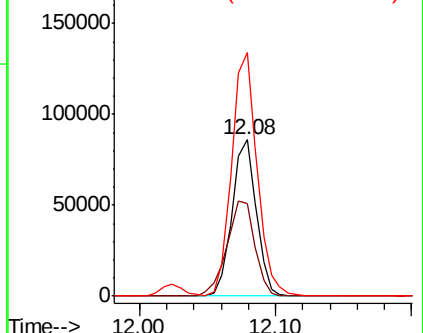
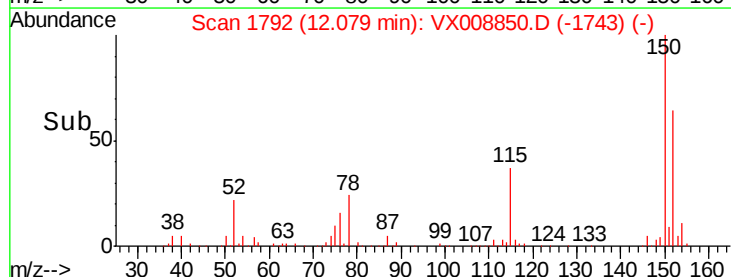
150 164.8 0.0 348.8

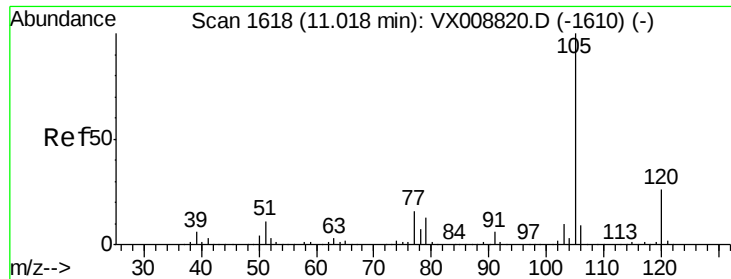


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.268 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

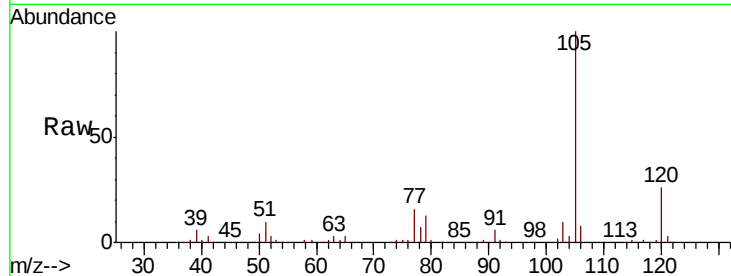
VX0411MBS01

Tgt Ion: 105 Resp: 177657

Ion Ratio Lower Upper

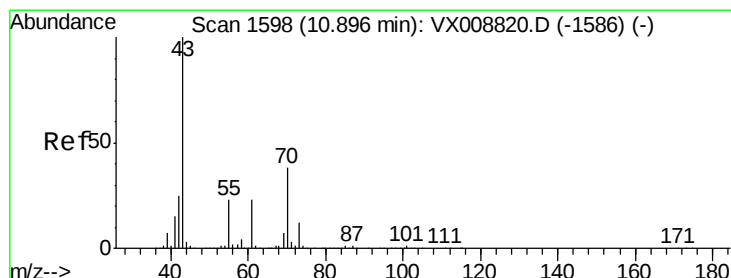
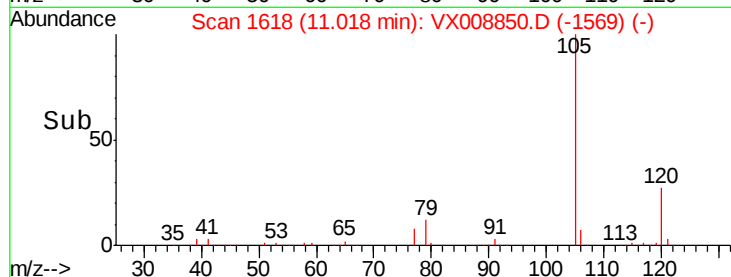
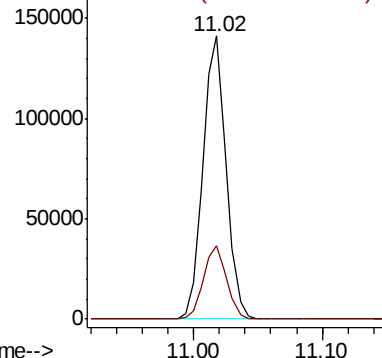
105 100

120 25.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.672 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Tgt Ion: 43 Resp: 106606

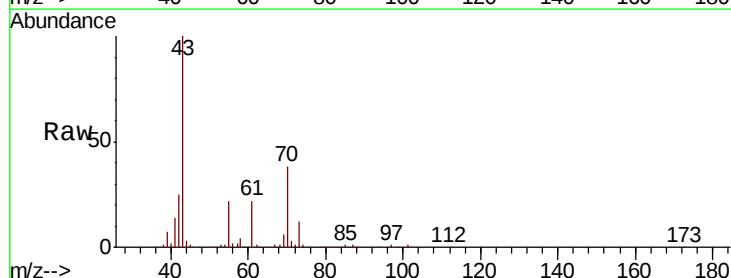
Ion Ratio Lower Upper

43 100

70 37.5 30.2 45.4

55 22.7 18.2 27.4

61 22.3 18.6 28.0

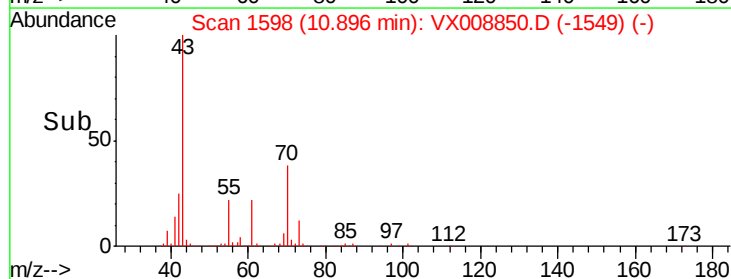
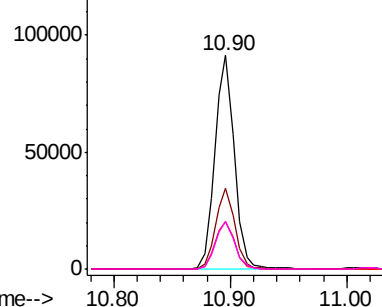


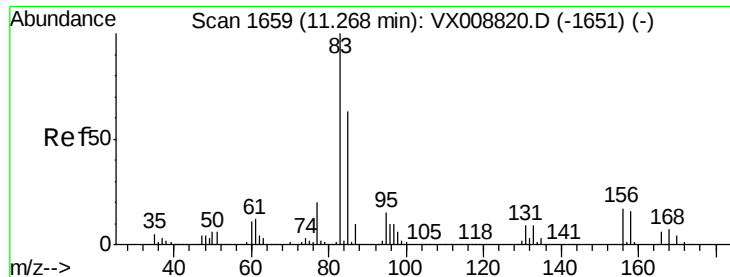
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.814 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

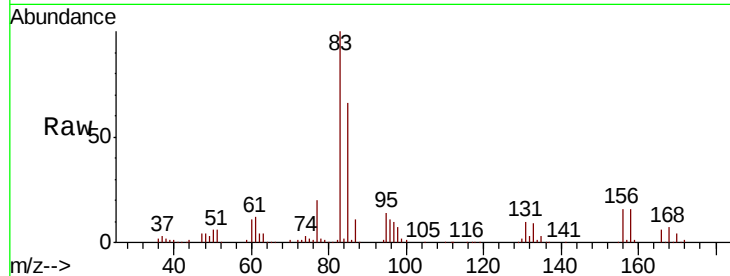
Tgt Ion: 83 Resp: 66051

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

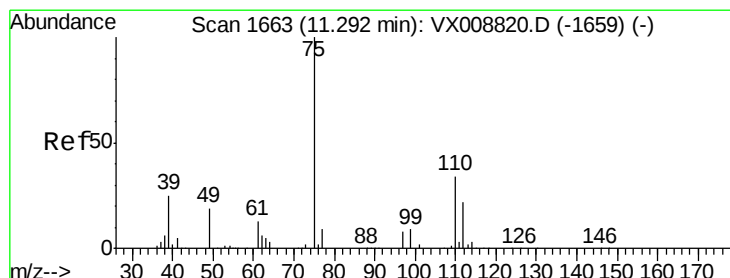
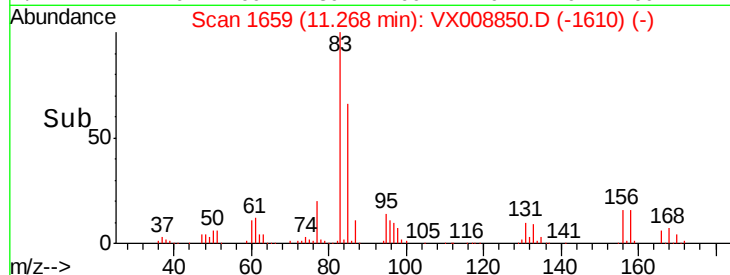
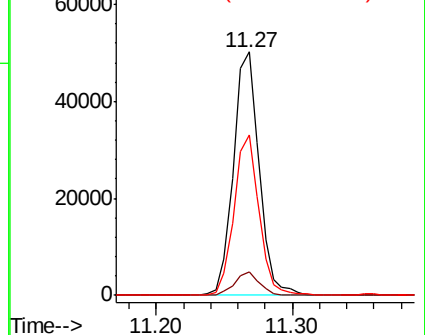
85 64.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.333 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008850.D

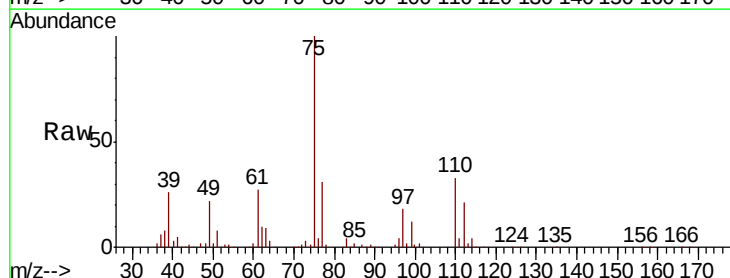
Acq: 11 Apr 2019 14:34

Tgt Ion: 75 Resp: 76511

Ion Ratio Lower Upper

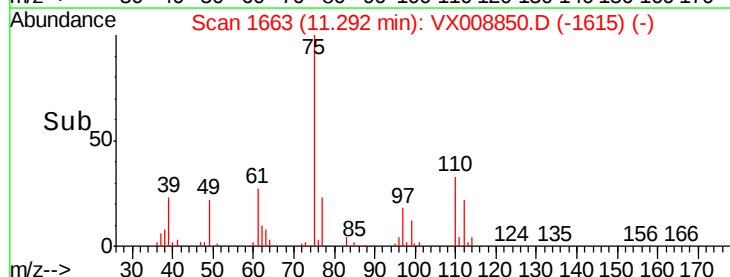
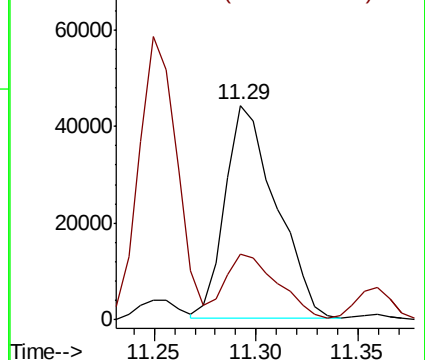
75 100

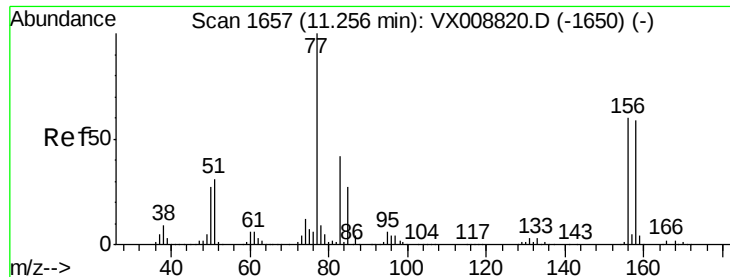
77 32.3 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.609 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

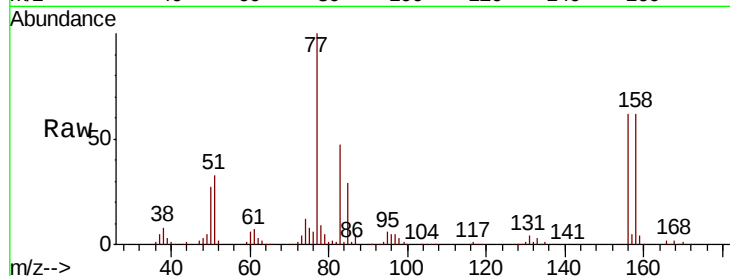
Tgt Ion:156 Resp: 43426

Ion Ratio Lower Upper

156 100

77 174.8 89.8 269.6

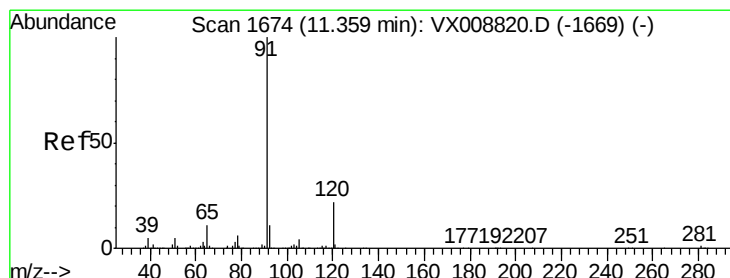
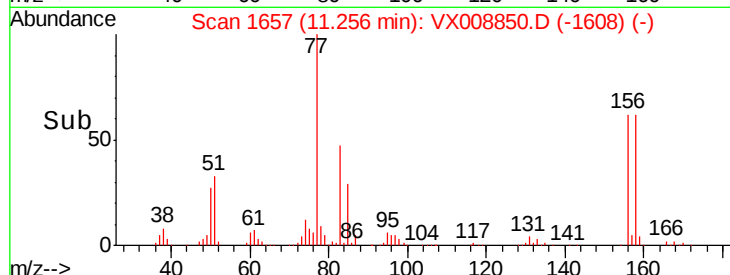
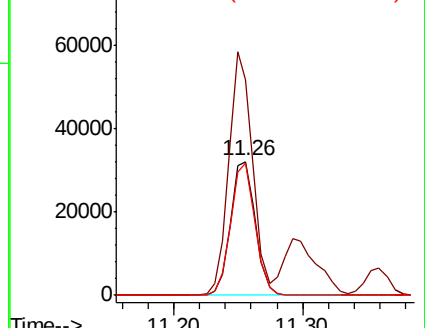
158 97.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.023 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008850.D

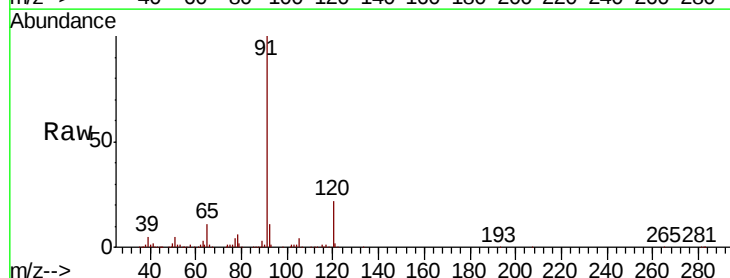
Acq: 11 Apr 2019 14:34

Tgt Ion: 91 Resp: 204361

Ion Ratio Lower Upper

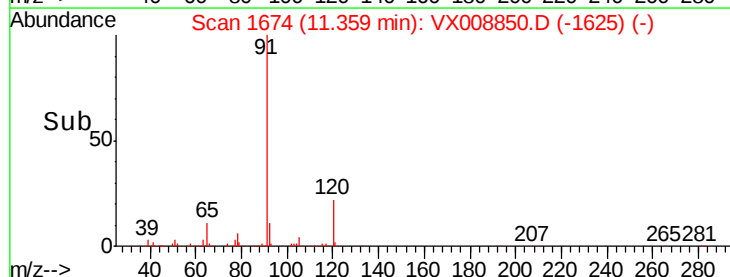
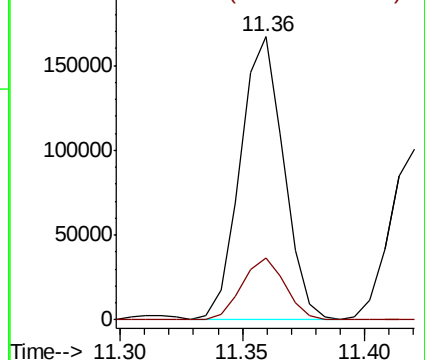
91 100

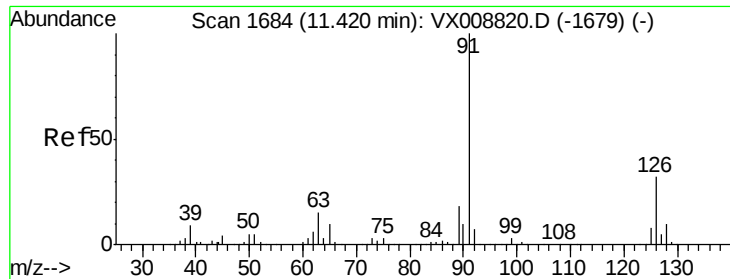
120 22.1 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.037 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

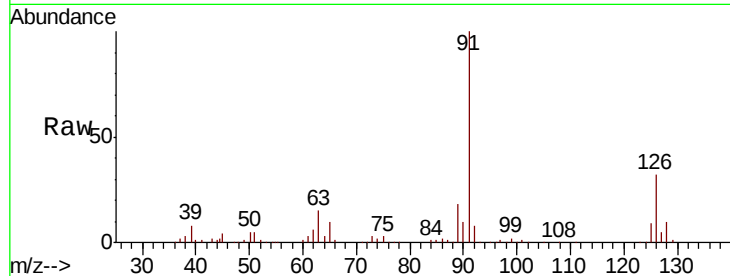
VX0411MBS01

Tgt Ion: 91 Resp: 123755

Ion Ratio Lower Upper

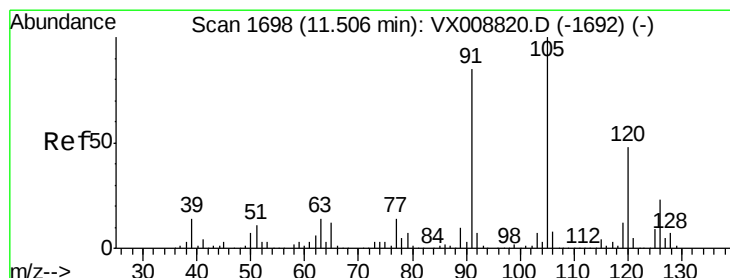
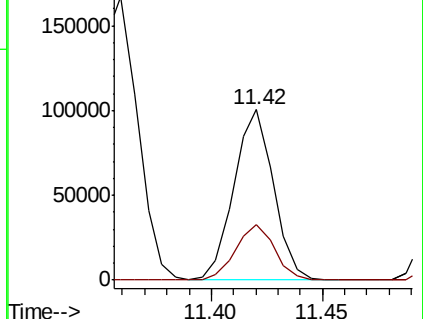
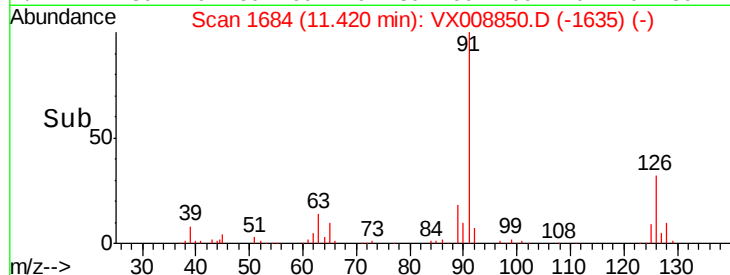
91 100

126 32.1 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.393 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008850.D

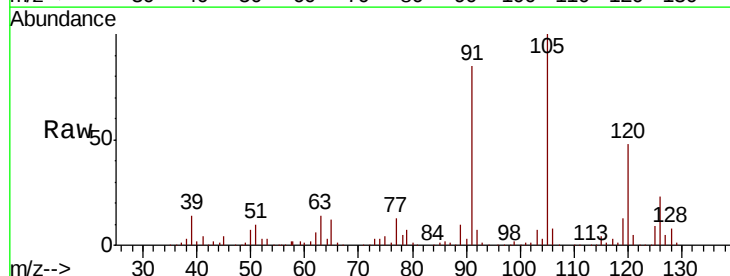
Acq: 11 Apr 2019 14:34

Tgt Ion: 105 Resp: 150046

Ion Ratio Lower Upper

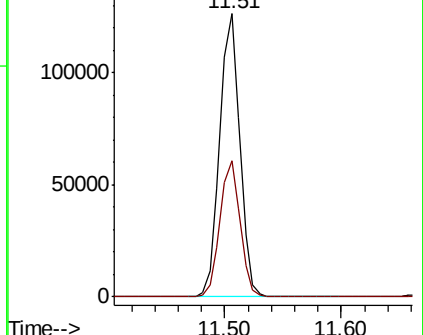
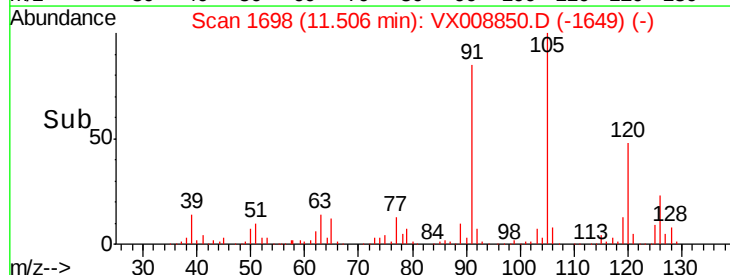
105 100

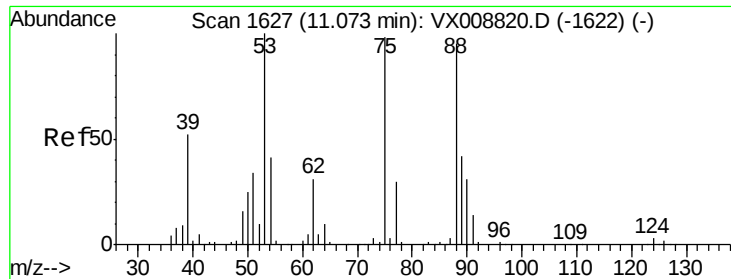
120 48.3 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.989 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

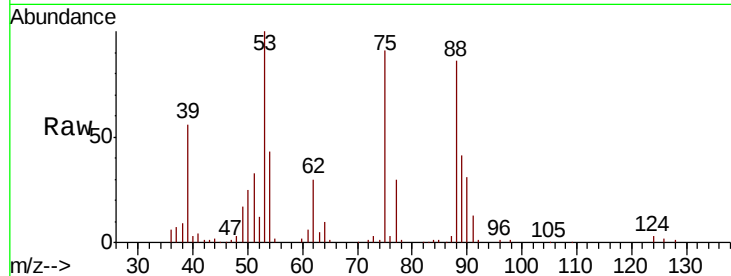
Tgt Ion: 75 Resp: 21070

Ion Ratio Lower Upper

75 100

53 107.8 81.3 121.9

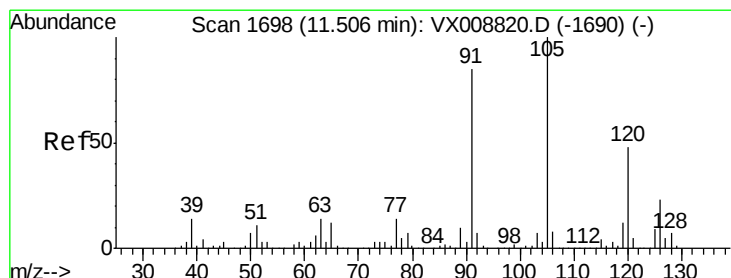
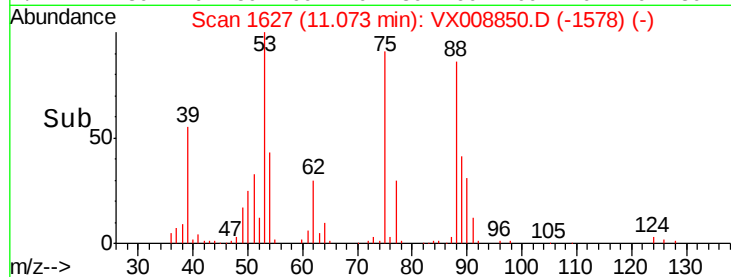
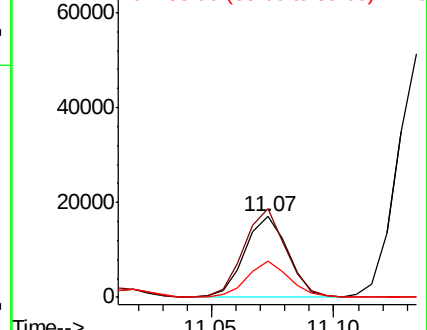
89 44.0 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.737 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008850.D

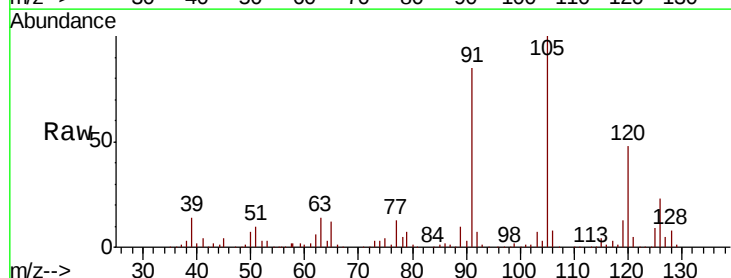
Acq: 11 Apr 2019 14:34

Tgt Ion: 91 Resp: 141105

Ion Ratio Lower Upper

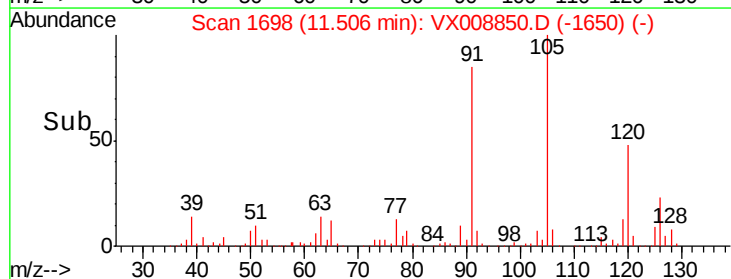
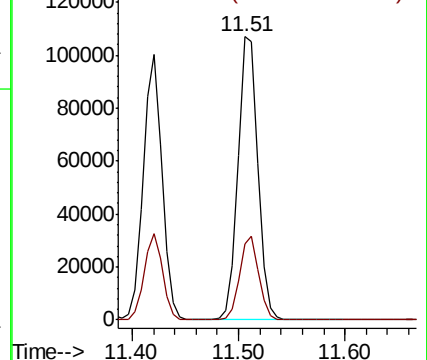
91 100

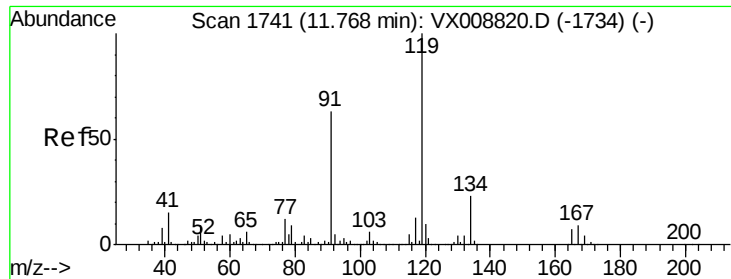
126 28.4 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

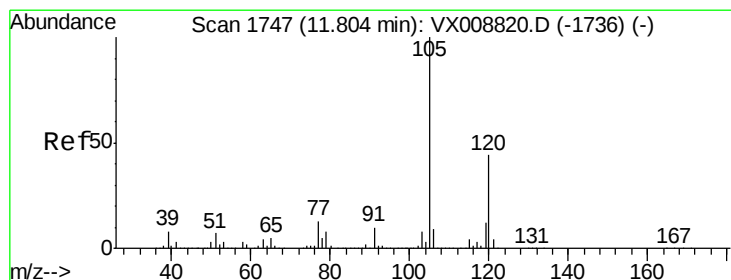
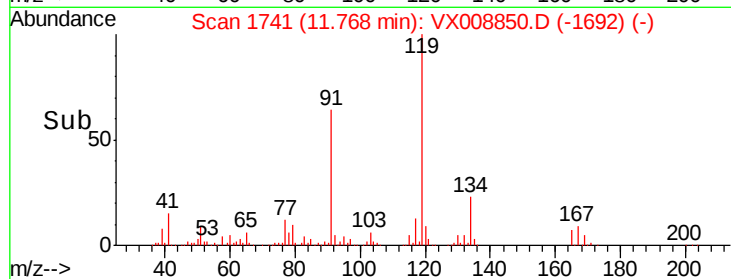
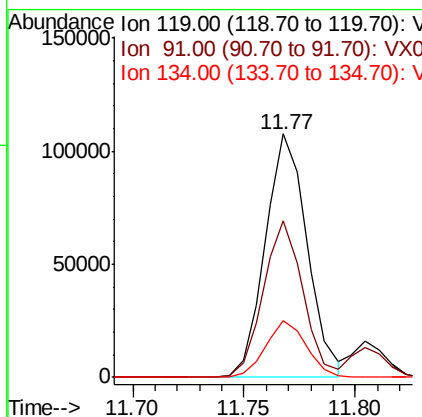
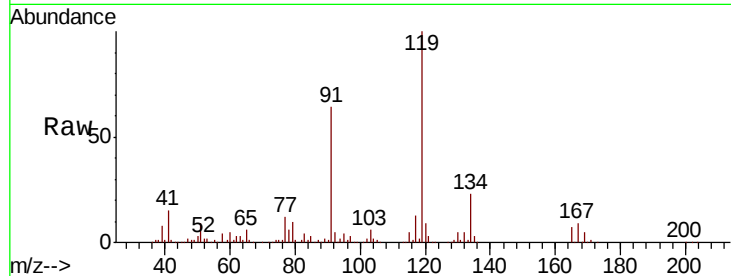




#83
tert-Butylbenzene
Concen: 19.884 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

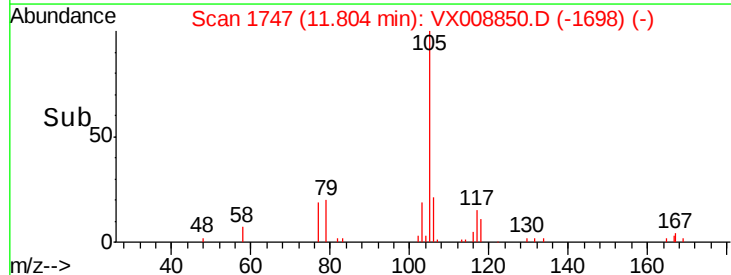
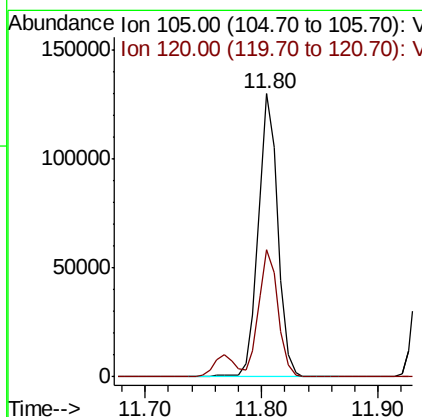
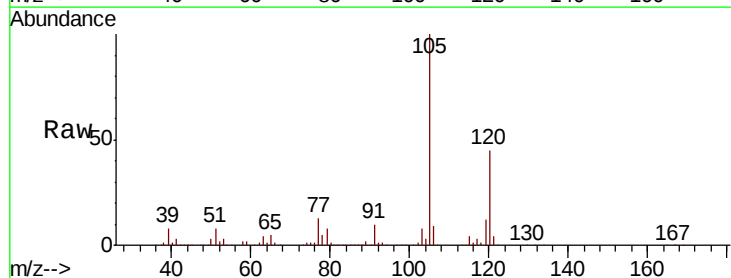
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

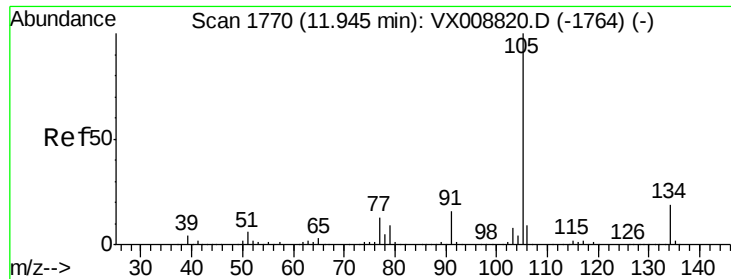
Tgt Ion:119 Resp: 140753
Ion Ratio Lower Upper
119 100
91 61.1 30.0 90.1
134 22.5 11.1 33.3



#84
1,2,4-Trimethylbenzene
Concen: 20.316 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion:105 Resp: 151360
Ion Ratio Lower Upper
105 100
120 44.0 21.8 65.3

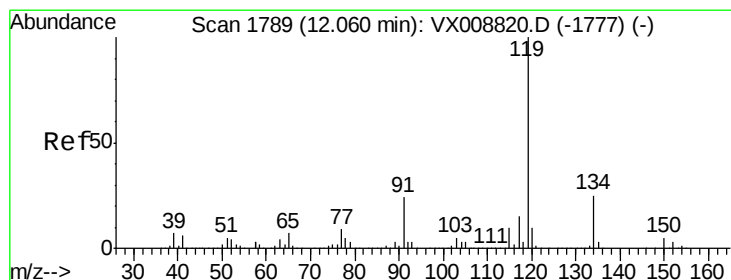
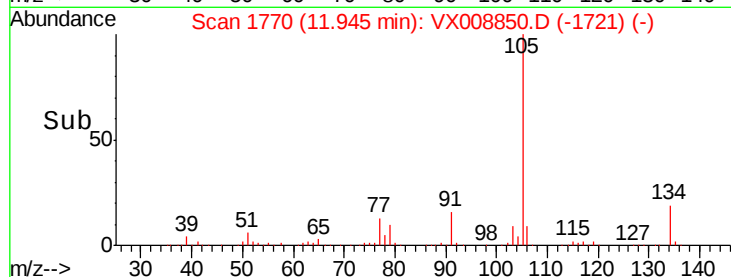
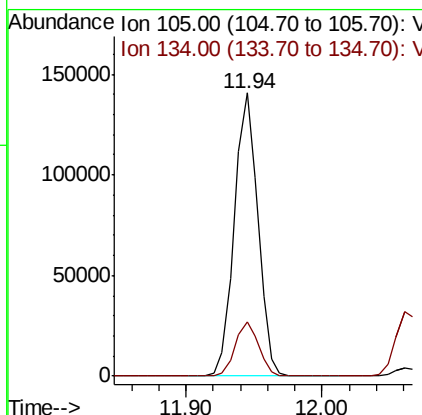
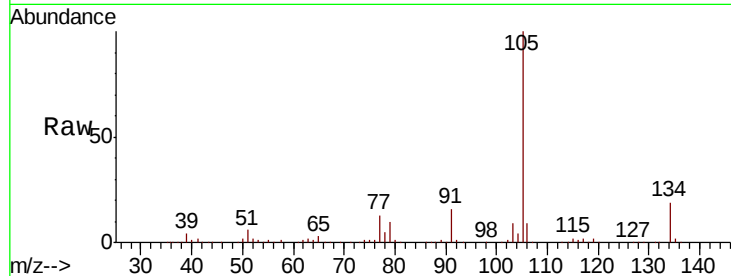




#85
 sec-Butylbenzene
 Concen: 20.165 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

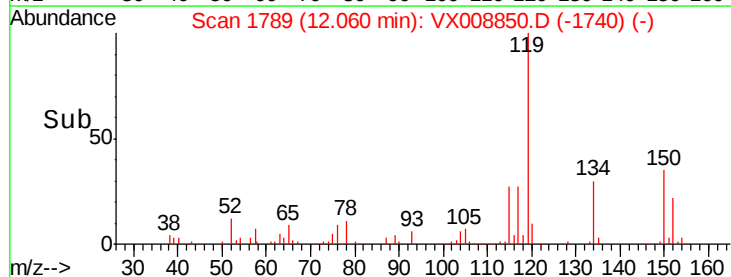
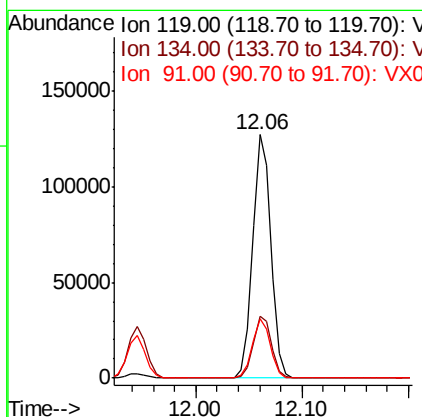
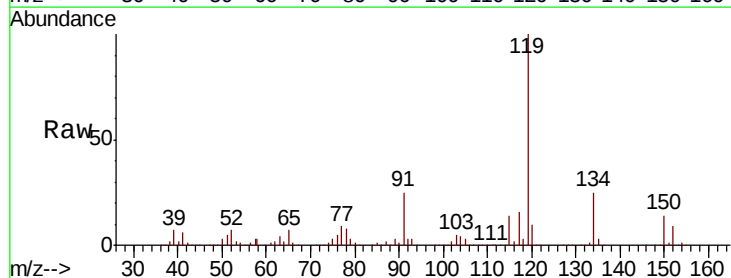
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

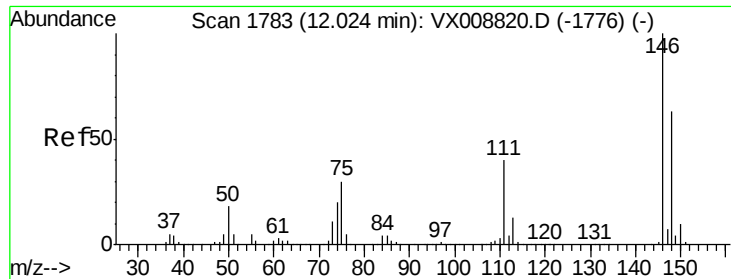
Tgt Ion:105 Resp: 169552
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 20.311 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

Tgt Ion:119 Resp: 153282
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.2 12.2 36.6

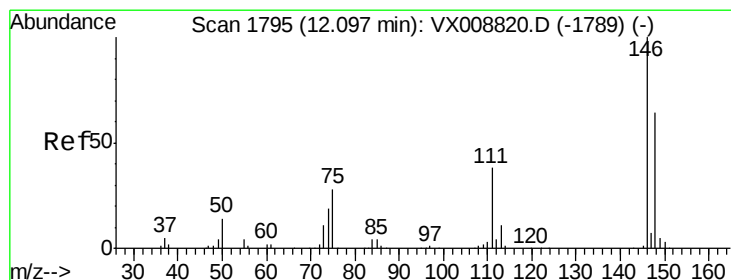
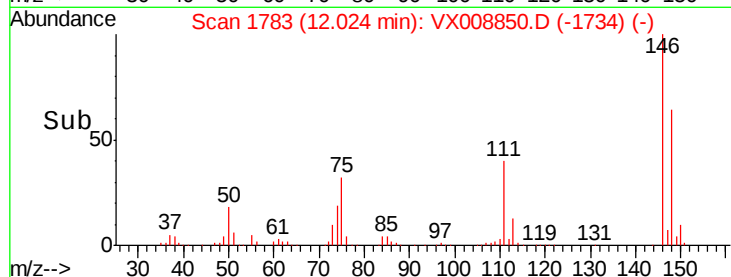
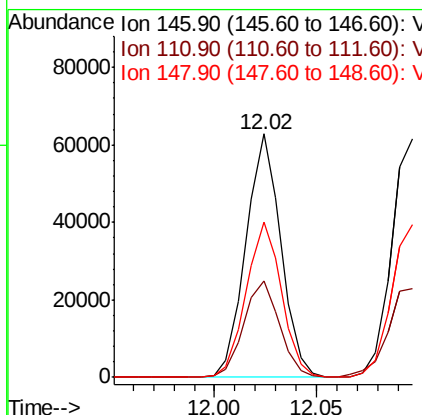
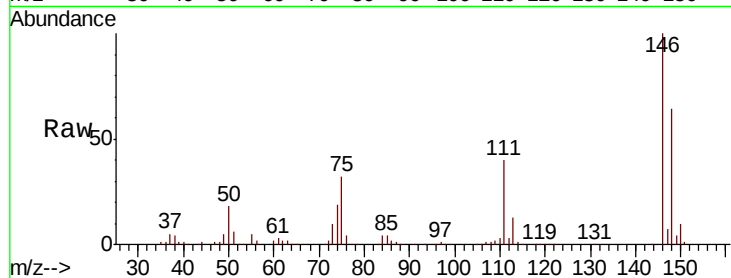




#87
 1,3-Dichlorobenzene
 Concen: 19.891 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

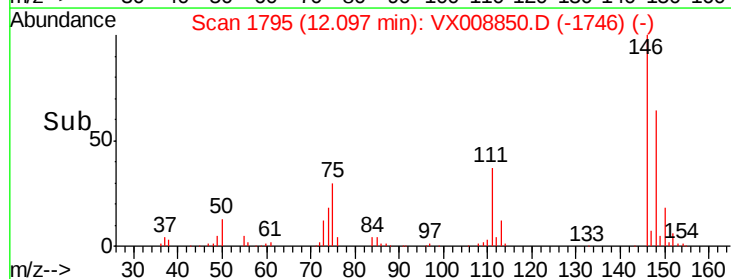
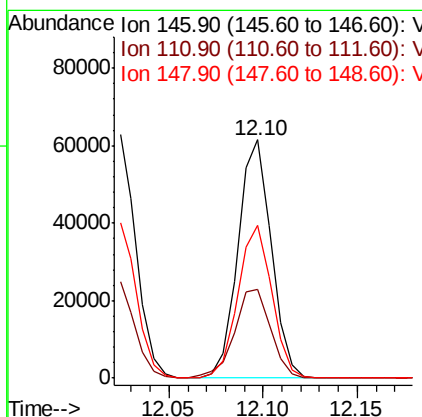
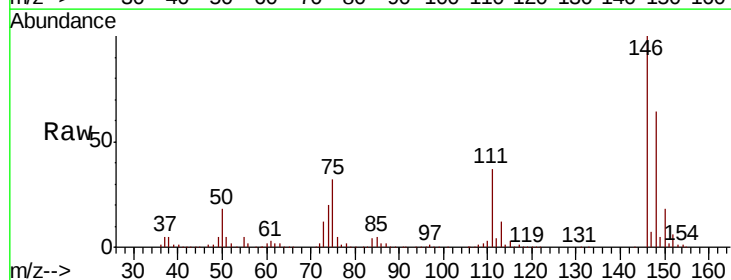
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

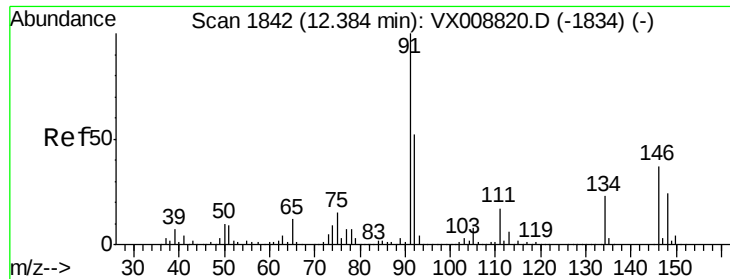
Tgt Ion:146 Resp: 75037
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.5
 148 64.5 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 19.713 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

Tgt Ion:146 Resp: 75301
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.2 60.6
 148 65.2 32.0 96.0





#89

n-Butylbenzene

Concen: 19.762 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008850.D

Acq: 11 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

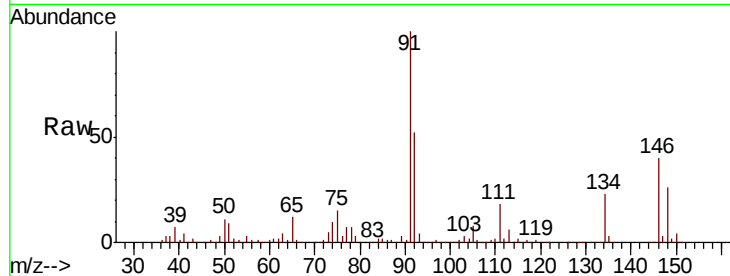
Tgt Ion: 91 Resp: 139866

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 24.1 12.0 36.0

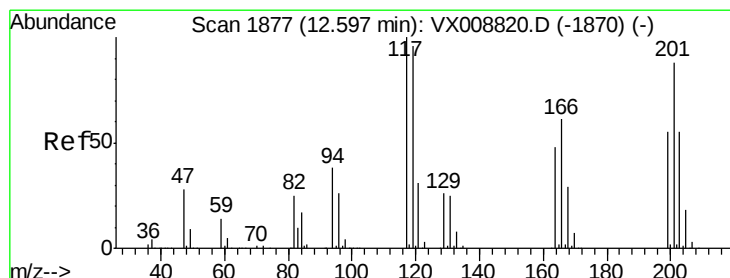
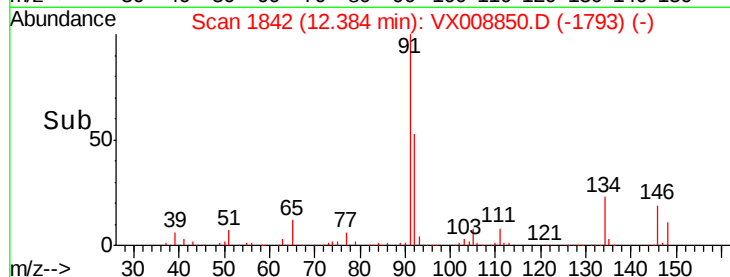
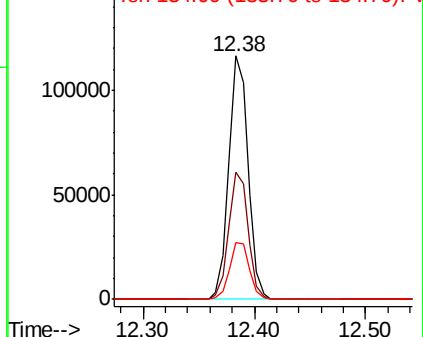


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.425 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008850.D

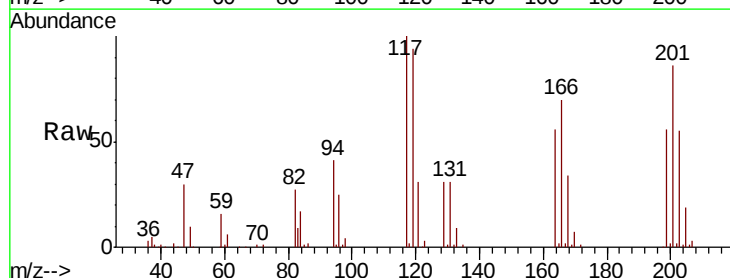
Acq: 11 Apr 2019 14:34

Tgt Ion: 117 Resp: 24314

Ion Ratio Lower Upper

117 100

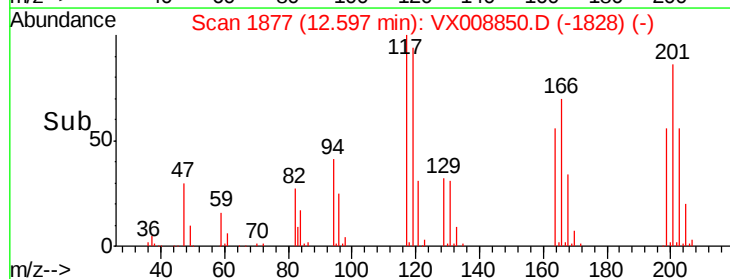
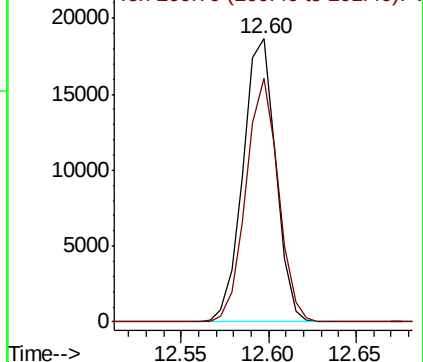
201 84.9 40.6 122.0

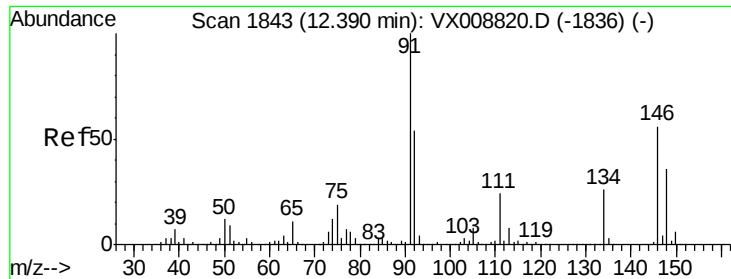


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

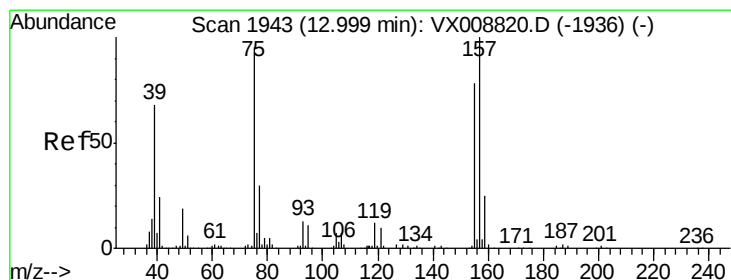
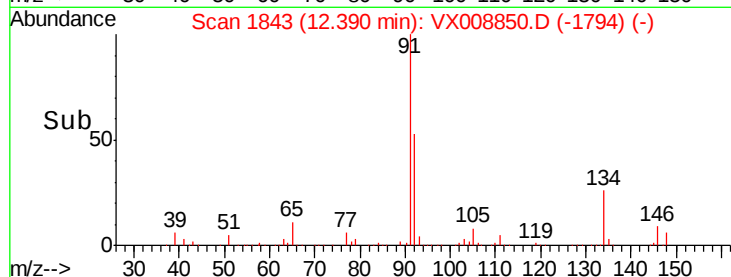
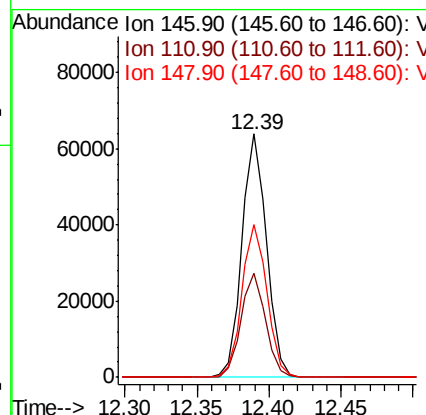
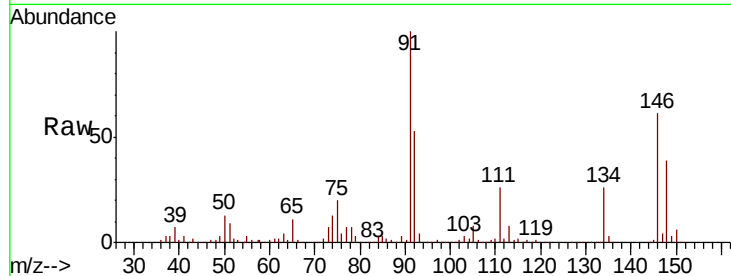




#91
 1,2-Dichlorobenzene
 Concen: 20.268 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

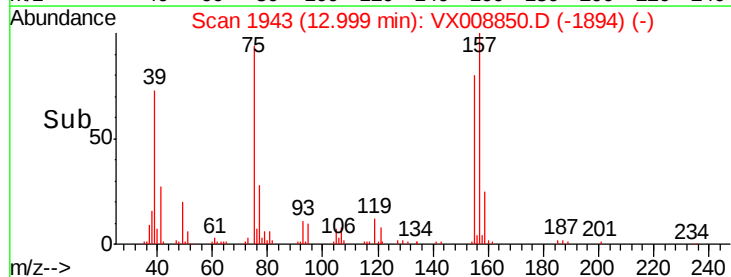
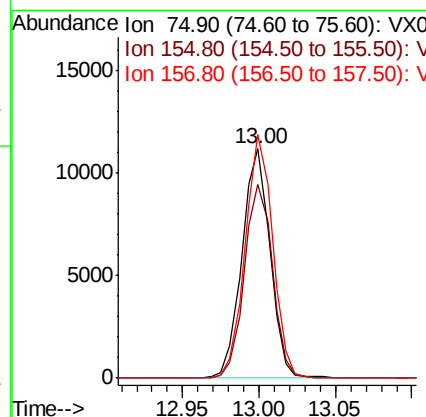
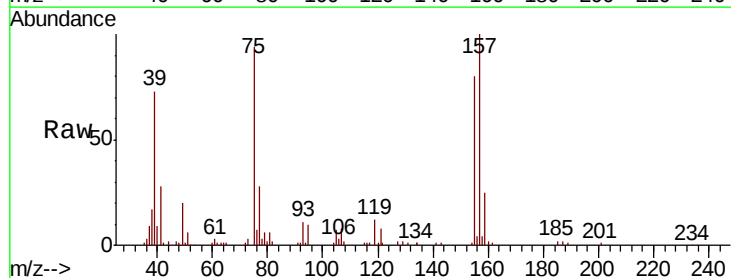
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

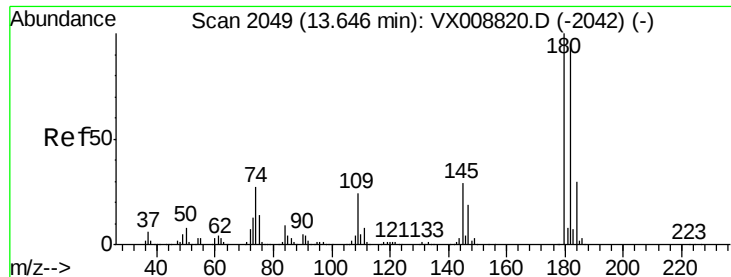
Tgt Ion:146 Resp: 75912
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 63.9
 148 64.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.339 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

Tgt Ion: 75 Resp: 14182
 Ion Ratio Lower Upper
 75 100
 155 84.6 39.9 119.6
 157 104.4 51.5 154.7

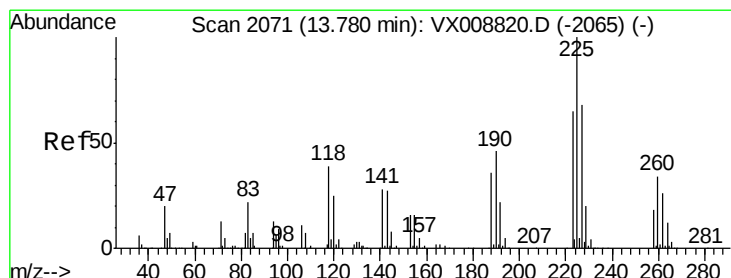
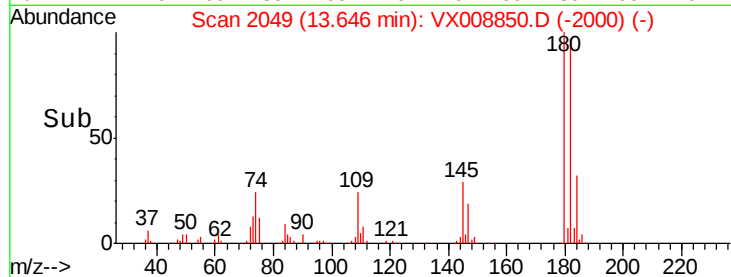
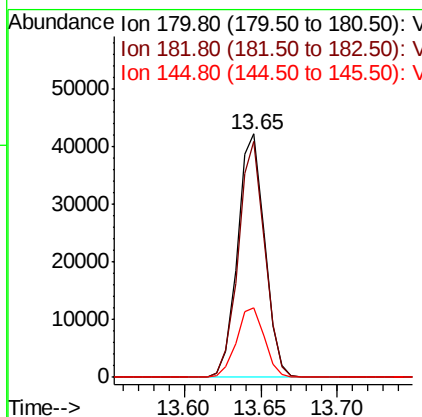
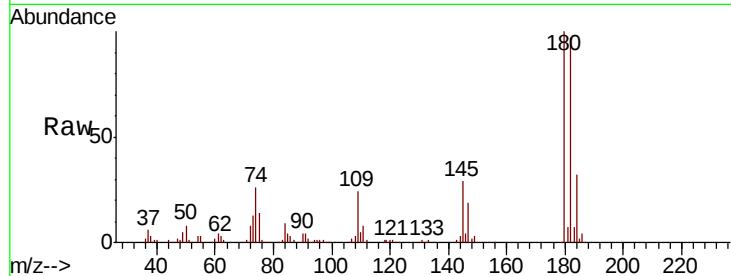




#93
 1,2,4-Trichlorobenzene
 Concen: 19.888 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

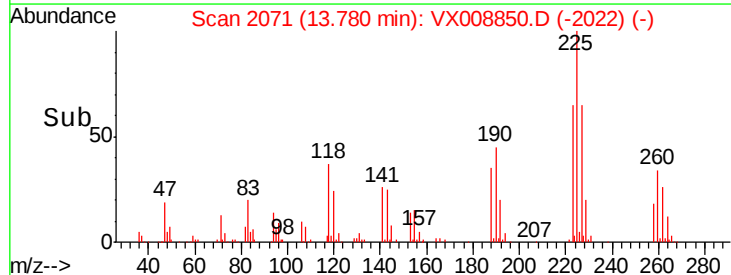
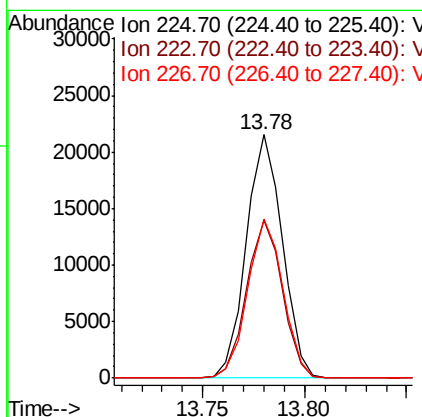
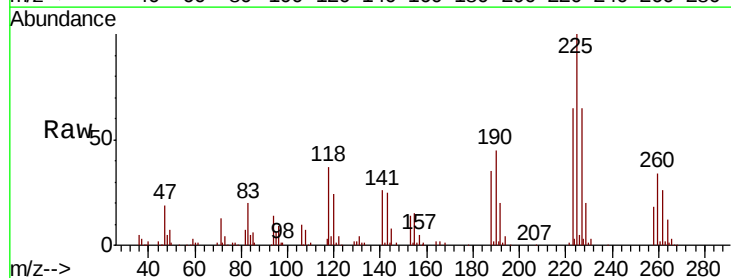
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

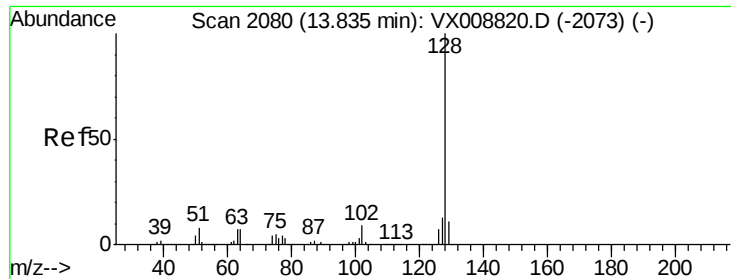
Tgt Ion:180 Resp: 51791
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.2 141.6
 145 29.4 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 21.254 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008850.D
 Acq: 11 Apr 2019 14:34

Tgt Ion:225 Resp: 26545
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.2 93.6
 227 63.9 31.9 95.5

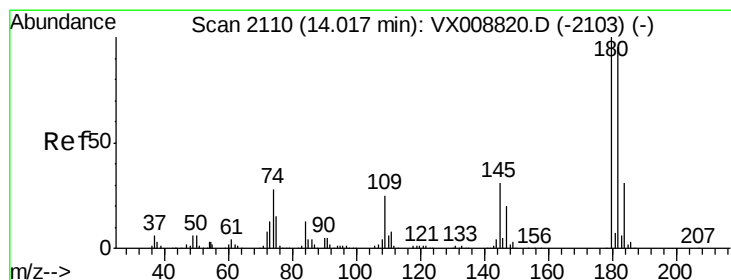
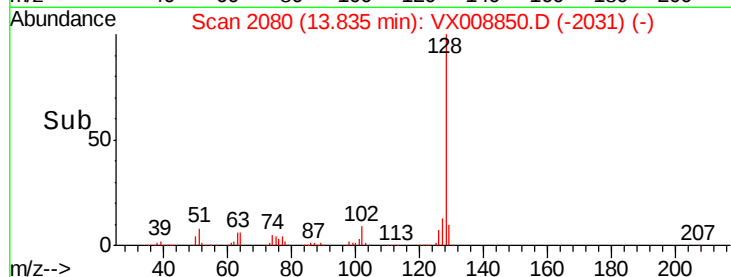
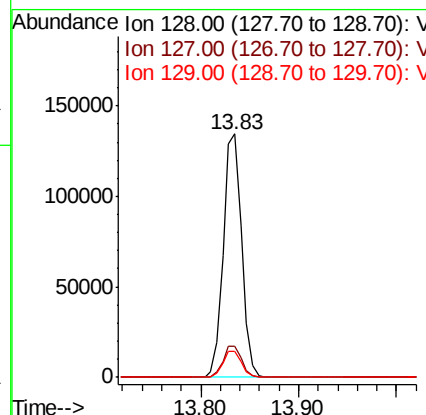
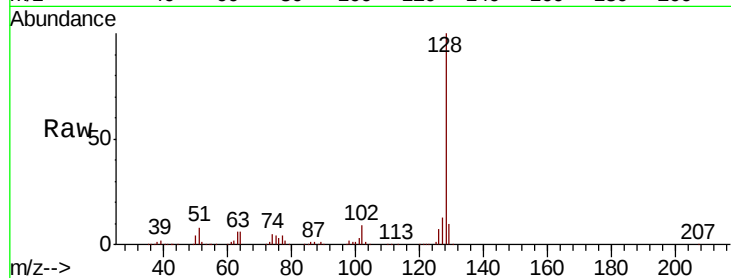




#95
Naphthalene
Concen: 20.033 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

Tgt Ion:128 Resp: 174367
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.065 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008850.D
Acq: 11 Apr 2019 14:34

Tgt Ion:180 Resp: 52207
Ion Ratio Lower Upper
180 100
182 94.0 48.1 144.3
145 30.4 16.3 48.8

