

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041219\
 Data File : VX008904.D
 Acq On : 12 Apr 2019 22:55
 Operator : JC/SP
 Sample : VX0412WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Quant Time: Apr 13 05:03:35 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	5.67	168	152754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	256512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	225216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114331	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	5.50	113	82963	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.71	98	331174	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	116677	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40808	23.208	ug/l	98
3) Chloromethane	1.32	50	50016	22.274	ug/l	98
4) Vinyl Chloride	1.40	62	48082	20.229	ug/l	99
5) Bromomethane	1.64	94	27027	24.097	ug/l	96
6) Chloroethane	1.72	64	29330	20.828	ug/l	100
7) Trichlorofluoromethane	1.93	101	53008	20.174	ug/l	99
8) Diethyl Ether	2.19	74	25160	20.192	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33376	19.730	ug/l	99
10) Methyl Iodide	2.51	142	29471	21.600	ug/l	99
11) Tert butyl alcohol	3.05	59	59423	113.924	ug/l	100
12) 1,1-Dichloroethene	2.37	96	35711	20.222	ug/l	97
13) Acrolein	2.29	56	24784	95.825	ug/l	99
14) Allyl chloride	2.73	41	83092	20.553	ug/l	97
15) Acrylonitrile	3.14	53	148042	107.136	ug/l	100
16) Acetone	2.45	43	127763	99.561	ug/l	100
17) Carbon Disulfide	2.57	76	104025	19.954	ug/l	100
18) Methyl Acetate	2.78	43	65731	21.120	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	135866	21.543	ug/l	99
20) Methylene Chloride	2.85	84	42611	19.837	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	37918	19.850	ug/l	97
22) Diisopropyl ether	3.85	45	165827	21.282	ug/l #	87
23) Vinyl Acetate	3.82	43	737037	108.731	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79915	20.715	ug/l	99
25) 2-Butanone	4.68	43	220226	108.580	ug/l	99
26) 2,2-Dichloropropane	4.59	77	43412	15.977	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	44174	20.114	ug/l	97
28) Bromochloromethane	5.02	49	36282	20.743	ug/l	99
29) Tetrahydrofuran	5.13	42	147727	109.737	ug/l	99
30) Chloroform	5.21	83	72350	20.997	ug/l	96
31) Cyclohexane	5.58	56	75938	19.727	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	57773	20.748	ug/l	100
36) 1,1-Dichloropropene	5.80	75	53898	19.222	ug/l	100
37) Ethyl Acetate	4.84	43	82454	22.031	ug/l	99
38) Carbon Tetrachloride	5.79	117	47178	20.329	ug/l	99

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 ClientSampleId :
 VX0412WBS02

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
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 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65246	18.837	ug/l	99
40) Benzene	6.14	78	170983	20.469	ug/l	98
41) Methacrylonitrile	5.04	41	45930	21.350	ug/l	99
42) 1,2-Dichloroethane	6.20	62	61719	20.610	ug/l	99
43) Isopropyl Acetate	6.45	43	126972	21.657	ug/l	100
44) Trichloroethene	7.21	130	40199	20.662	ug/l	96
45) 1,2-Dichloropropane	7.51	63	48508	20.345	ug/l	99
46) Dibromomethane	7.66	93	27475	19.869	ug/l	96
47) Bromodichloromethane	7.90	83	53666	20.583	ug/l	99
48) Methyl methacrylate	7.77	41	64418	21.721	ug/l	98
49) 1,4-Dioxane	7.74	88	24568	442.214	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	425492	112.738	ug/l	100
52) Toluene	8.79	92	102730	20.860	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57759	19.776	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	65548	19.642	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	42015	21.254	ug/l	98
56) Ethyl methacrylate	9.18	69	75497	21.108	ug/l	98
57) 1,3-Dichloropropane	9.37	76	73371	20.670	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	189062	103.521	ug/l	100
59) 2-Hexanone	9.49	43	324396	110.599	ug/l	100
60) Dibromochloromethane	9.59	129	38600	20.722	ug/l	100
61) 1,2-Dibromoethane	9.67	107	42214	20.513	ug/l	99
64) Tetrachloroethene	9.34	164	37009	22.179	ug/l	98
65) Chlorobenzene	10.14	112	103295	20.691	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	36717	20.964	ug/l	99
67) Ethyl Benzene	10.25	91	189399	20.346	ug/l	98
68) m/p-Xylenes	10.36	106	135830	40.581	ug/l	99
69) o-Xylene	10.70	106	67394	20.777	ug/l	99
70) Styrene	10.71	104	115773	20.706	ug/l	99
71) Bromoform	10.85	173	28289	21.149	ug/l #	98
73) Isopropylbenzene	11.02	105	176956	20.623	ug/l	100
74) N-amyl acetate	10.90	43	107302	21.255	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68395	20.959	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	78731	27.680	ug/l	81
77) Bromobenzene	11.26	156	43149	20.918	ug/l	98
78) n-propylbenzene	11.36	91	200792	20.098	ug/l	100
79) 2-Chlorotoluene	11.42	91	121611	20.114	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	148465	20.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19821	19.210	ug/l	94
82) 4-Chlorotoluene	11.51	91	138460	19.784	ug/l	98
83) tert-Butylbenzene	11.77	119	138116	19.932	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	150280	20.606	ug/l	100
85) sec-Butylbenzene	11.94	105	166498	20.228	ug/l	100
86) p-Isopropyltoluene	12.06	119	150885	20.424	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74226	20.100	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	74586	19.946	ug/l	100
89) n-Butylbenzene	12.38	91	135862	19.610	ug/l	99
90) Hexachloroethane	12.60	117	24353	19.875	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	75106	20.484	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14481	20.172	ug/l	98

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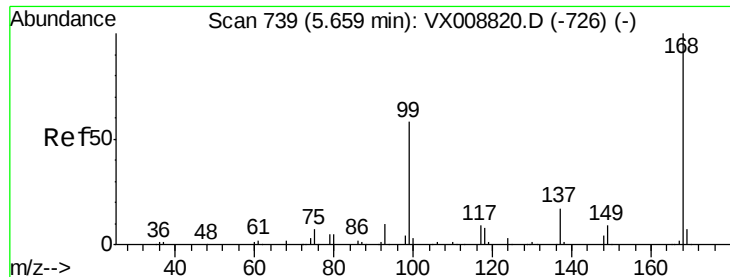
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Quant Time: Apr 13 05:03:35 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	51320	20.131	ug/l	99
94) Hexachlorobutadiene	13.78	225	26054	21.310	ug/l	99
95) Naphthalene	13.83	128	175727	20.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52341	20.549	ug/l	99

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

Page: 4



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

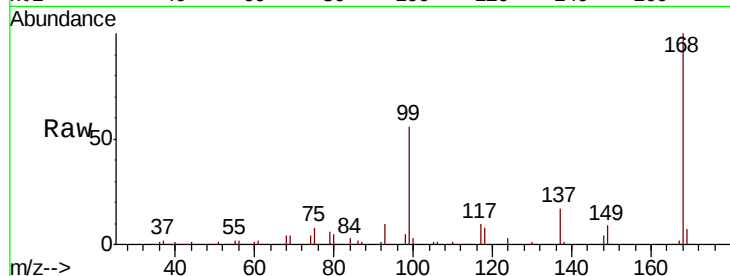
VX0412WBS02

Tot Ion:168 Resp: 152754

Ion Ratio Lower Upper

168 100

99 55.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

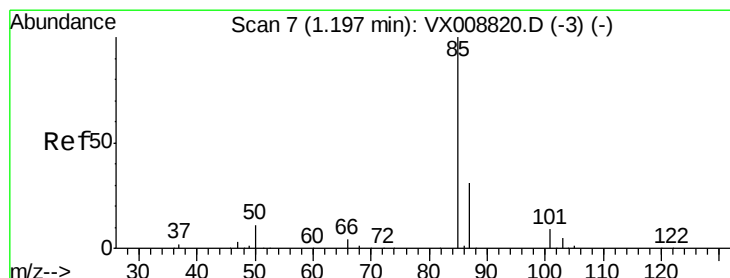
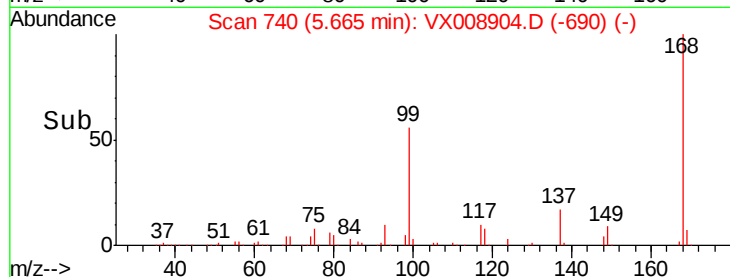
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 23.208 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008904.D

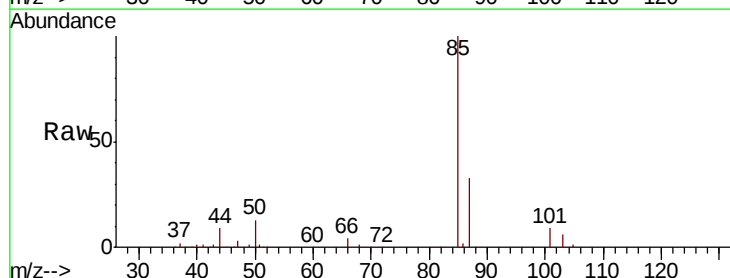
Acq: 12 Apr 2019 22:55

Tgt Ion: 85 Resp: 40808

Ion Ratio Lower Upper

85 100

87 32.6 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

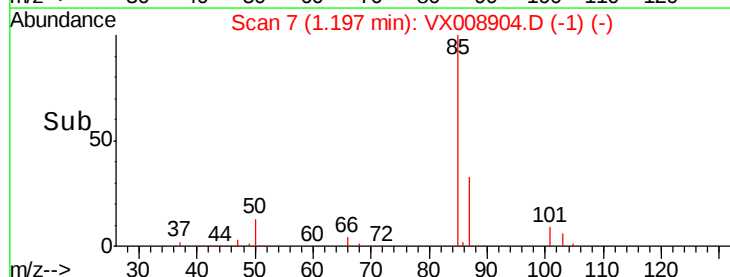
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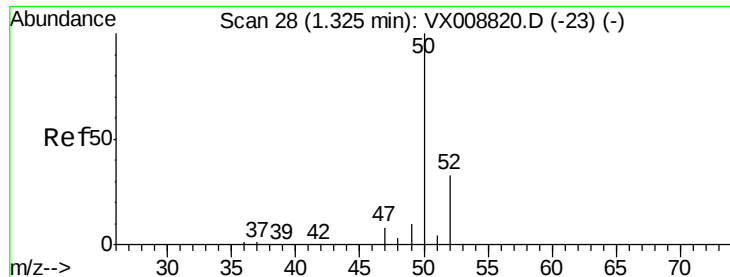
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 22.274 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampled :

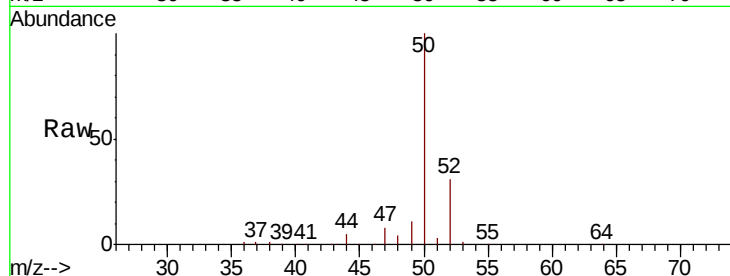
VX0412WBS02

Tot Ion: 50 Resp: 50016

Ion Ratio Lower Upper

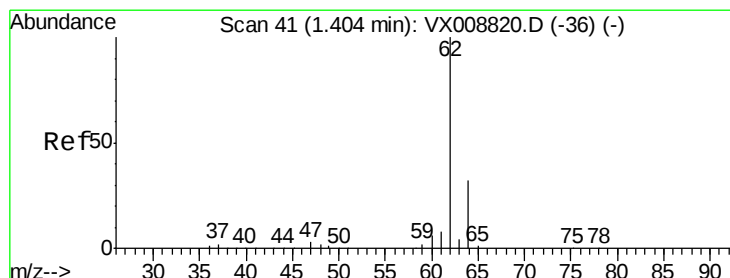
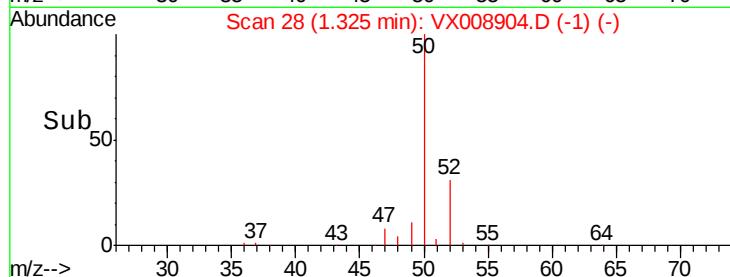
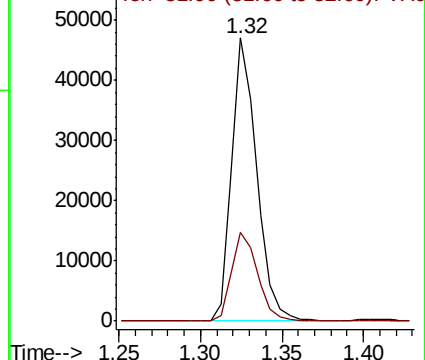
50 100

52 31.2 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: 20.229 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008904.D

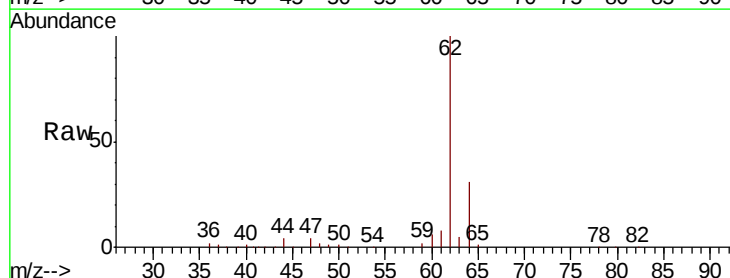
Acq: 12 Apr 2019 22:55

Tgt Ion: 62 Resp: 48082

Ion Ratio Lower Upper

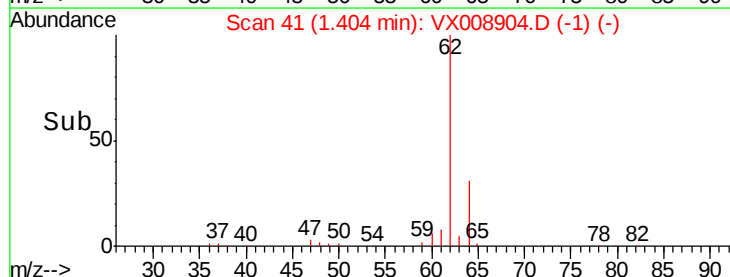
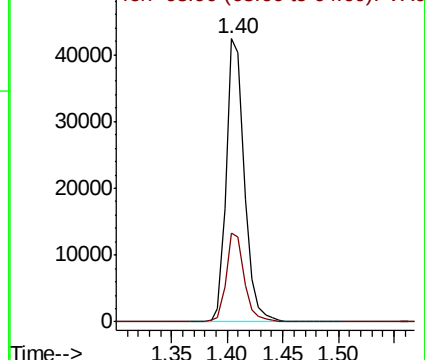
62 100

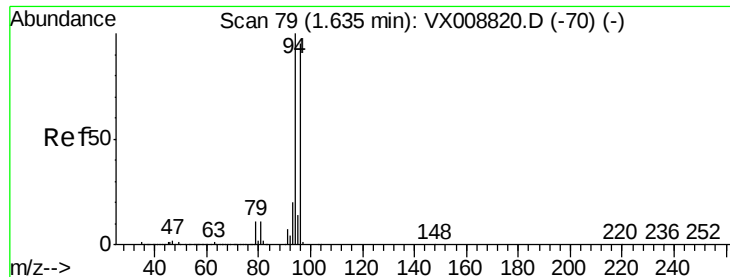
64 31.3 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.097 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

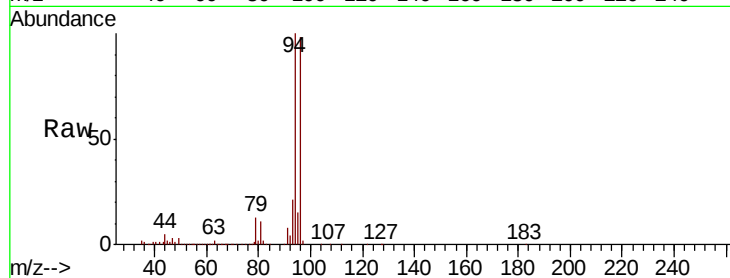
VX0412WBS02

Tot Ion: 94 Resp: 27027

Ion Ratio Lower Upper

94 100

96 97.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

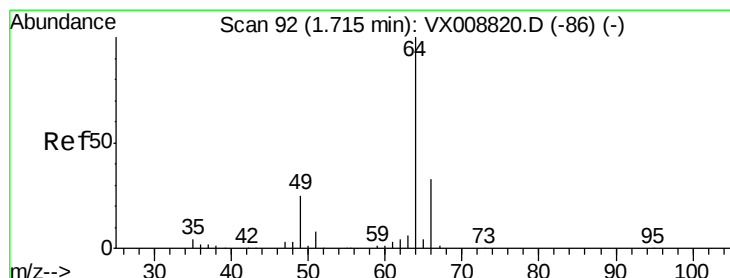
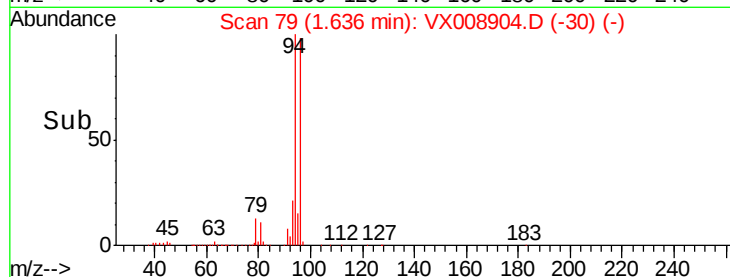
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 20.828 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008904.D

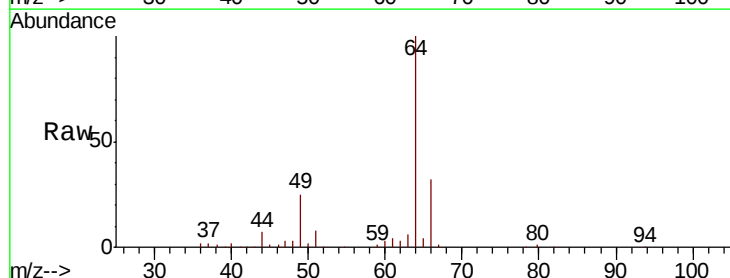
Acq: 12 Apr 2019 22:55

Tgt Ion: 64 Resp: 29330

Ion Ratio Lower Upper

64 100

66 31.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

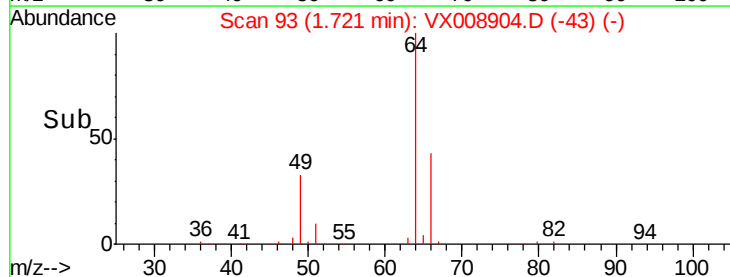
15000

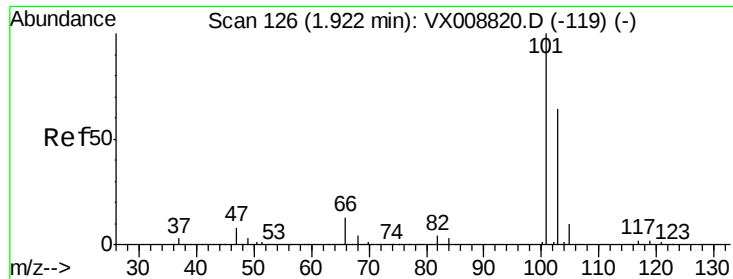
10000

5000

0

Time--> 1.60 1.65 1.70 1.75 1.80



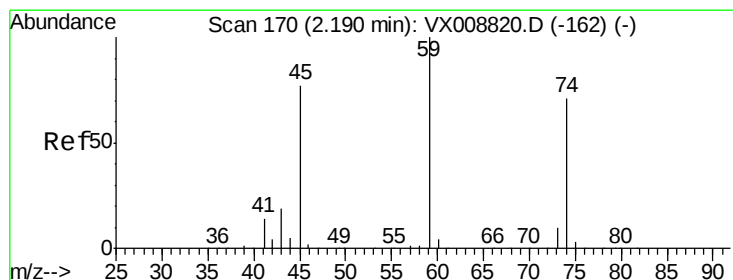
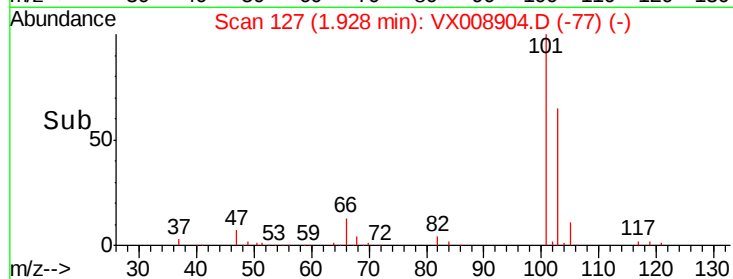
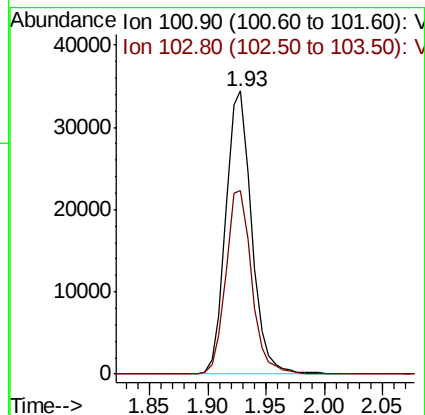
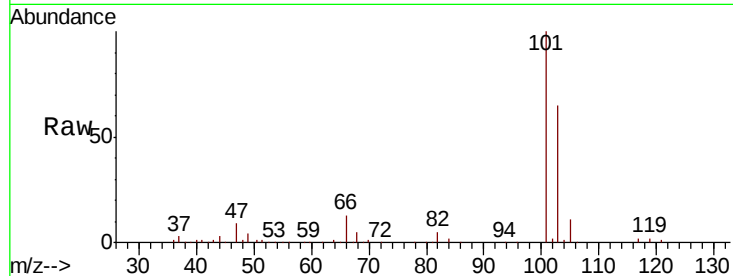


#7

Trichlorofluoromethane
 Concen: 20.174 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

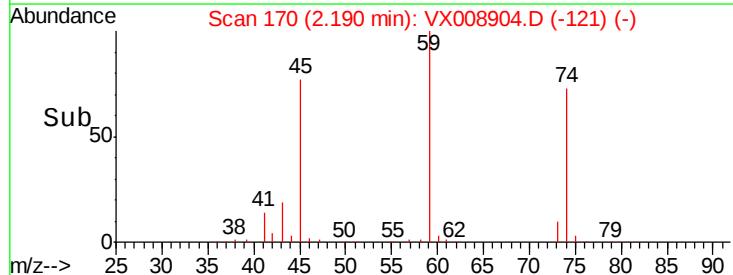
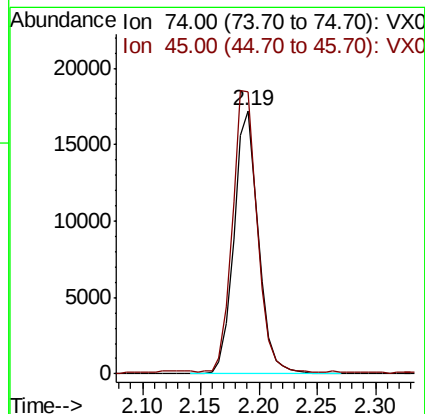
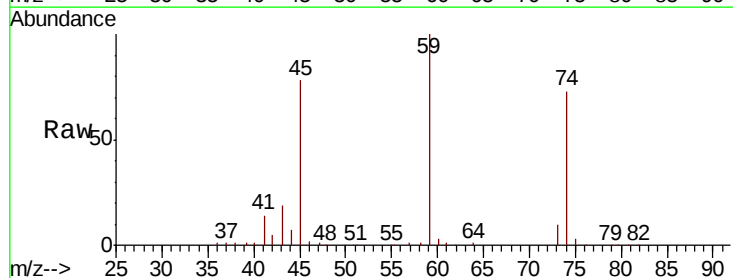
Tot Ion:101 Resp: 53008
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.3 78.5

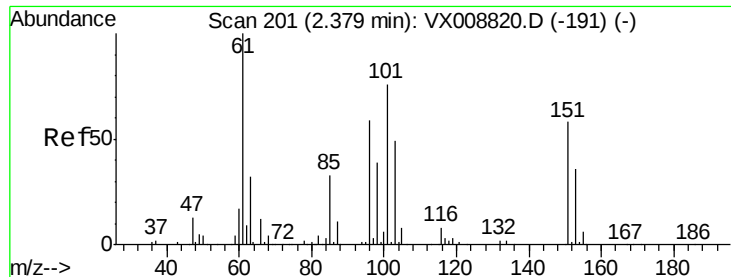


#8

Diethyl Ether
 Concen: 20.192 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion: 74 Resp: 25160
 Ion Ratio Lower Upper
 74 100
 45 108.3 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.730 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

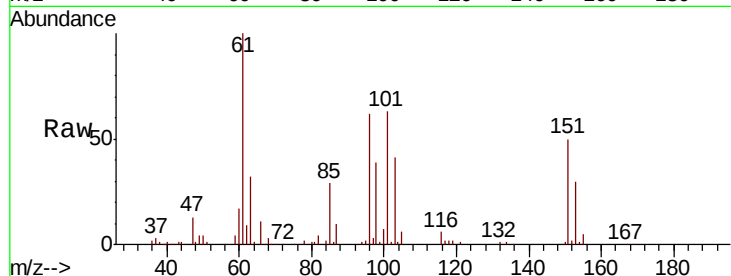
Tot Ion:101 Resp: 33376

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

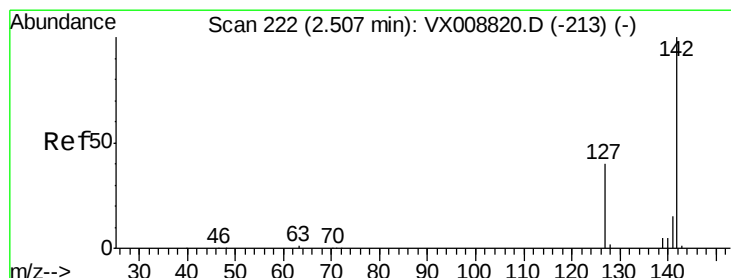
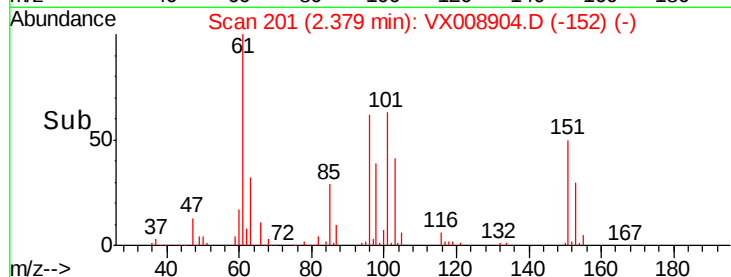
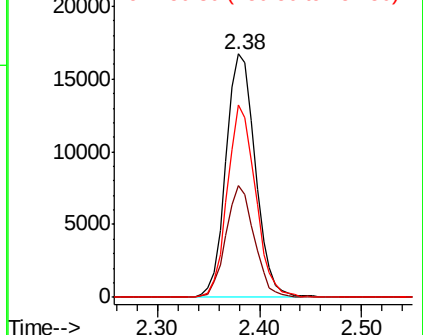
151 75.7 59.9 89.9



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: 21.600 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

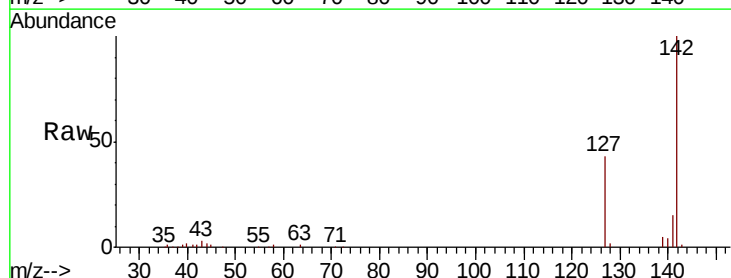
Tgt Ion:142 Resp: 29471

Ion Ratio Lower Upper

142 100

127 40.9 33.0 49.6

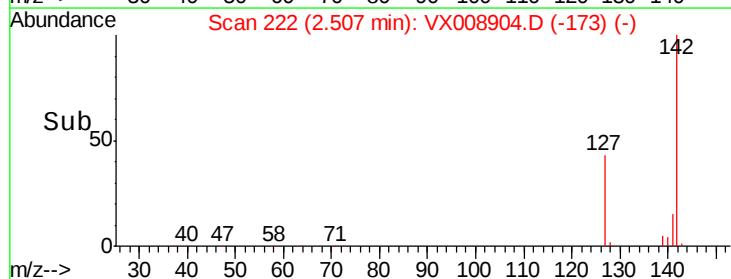
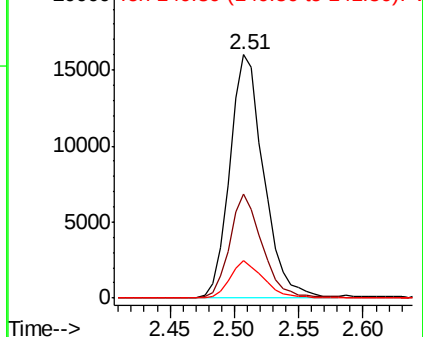
141 14.9 11.4 17.2

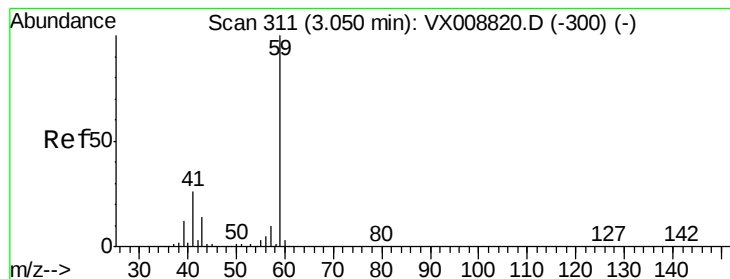


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



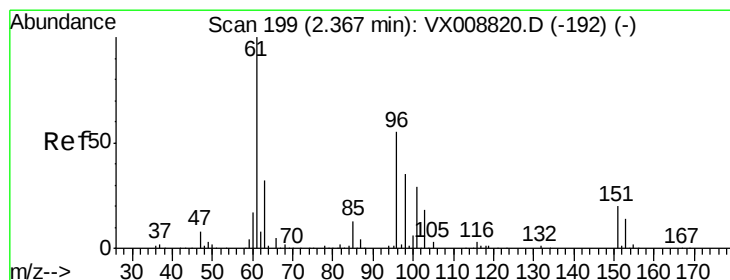
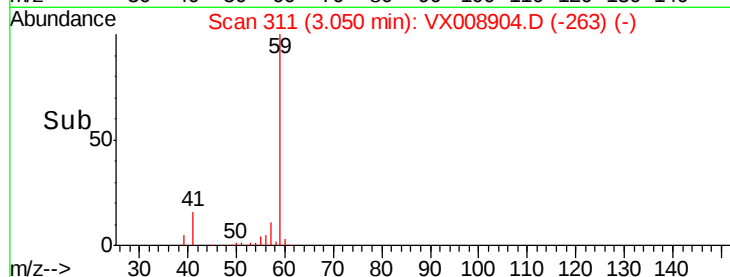
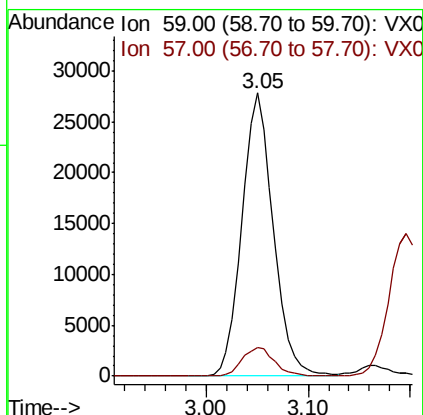
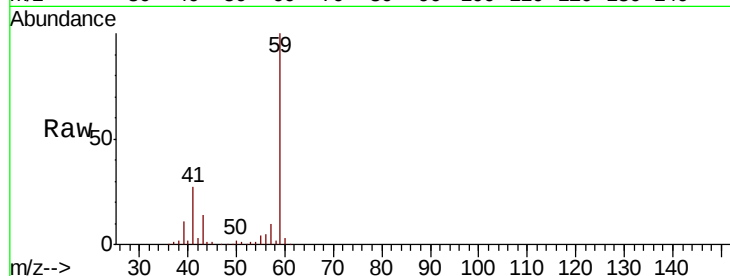


#11

Tert butyl alcohol
 Concen: 113.924 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

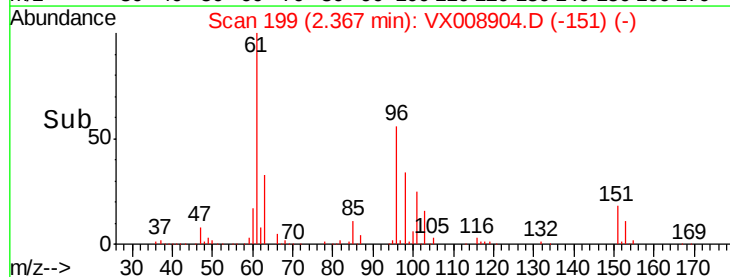
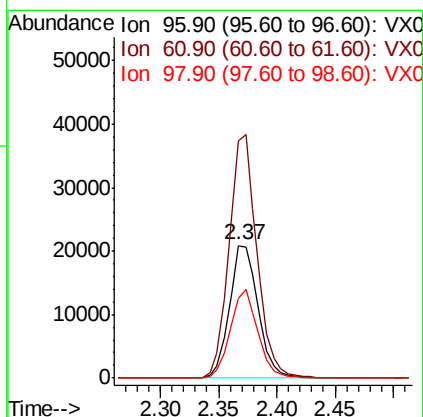
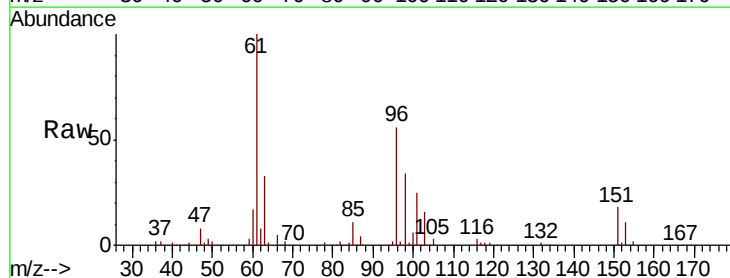
Tot Ion: 59 Resp: 59423
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

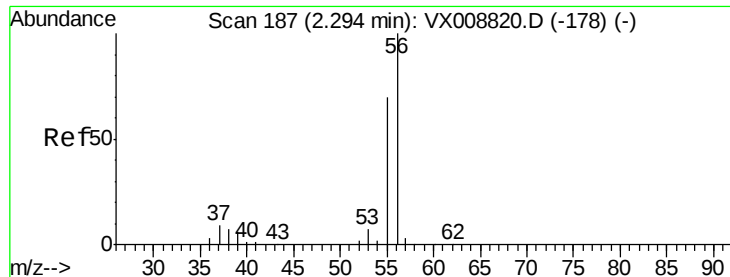


#12

1,1-Dichloroethene
 Concen: 20.222 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion: 96 Resp: 35711
 Ion Ratio Lower Upper
 96 100
 61 178.5 140.9 211.3
 98 60.6 52.1 78.1





#13

Acrolein

Concen: 95.825 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

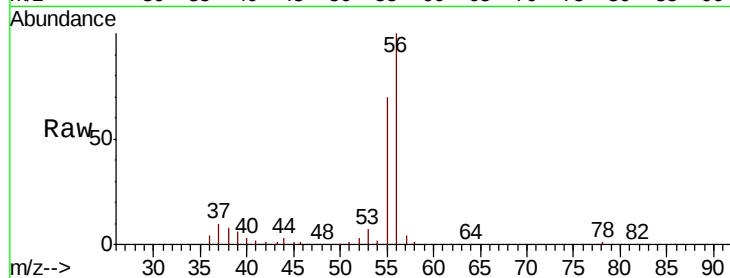
VX0412WBS02

Tot Ion: 56 Resp: 24784

Ion Ratio Lower Upper

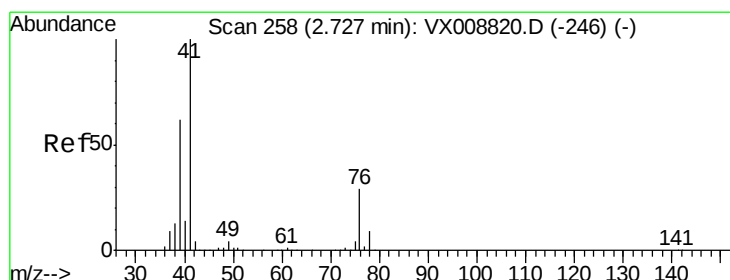
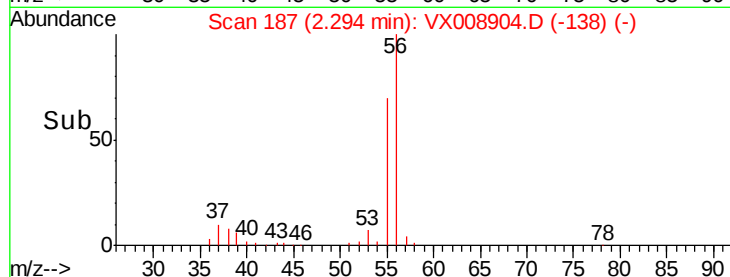
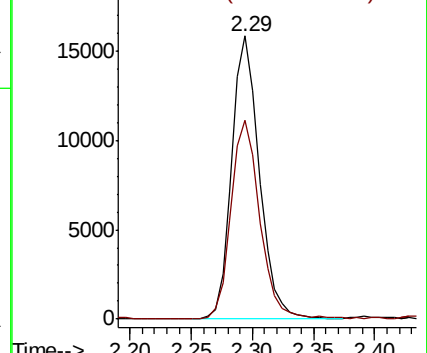
56 100

55 73.5 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.553 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

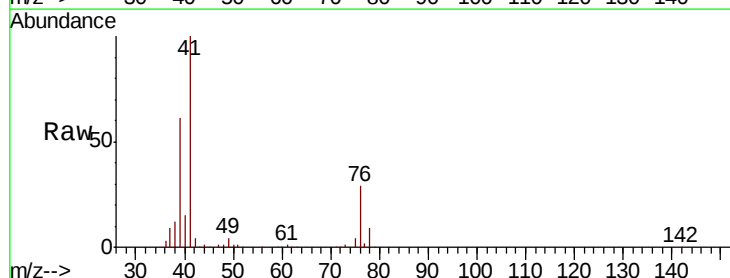
Tgt Ion: 41 Resp: 83092

Ion Ratio Lower Upper

41 100

39 57.2 48.0 72.0

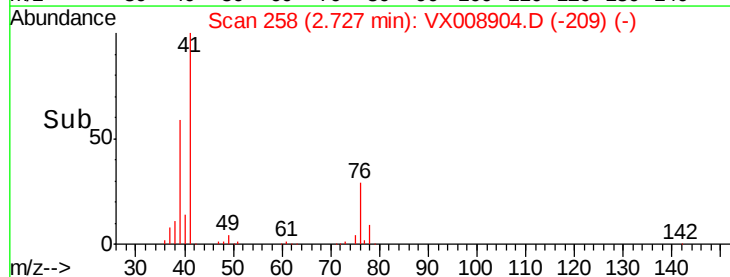
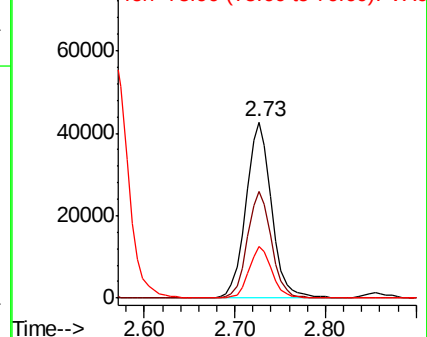
76 26.4 22.0 33.0

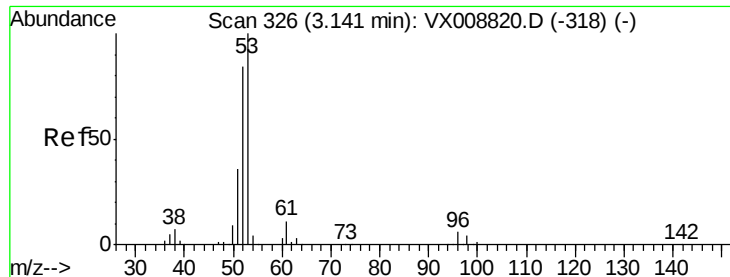


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 107.136 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

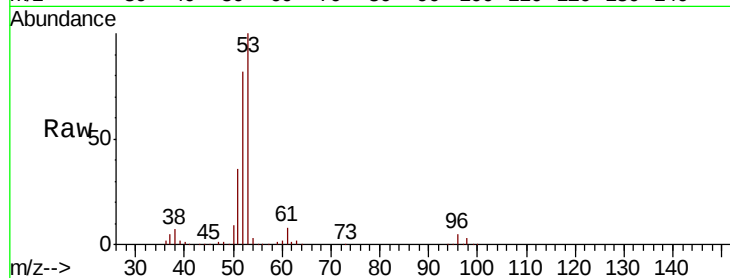
Tot Ion: 53 Resp: 148042

Ion Ratio Lower Upper

53 100

52 82.8 66.5 99.7

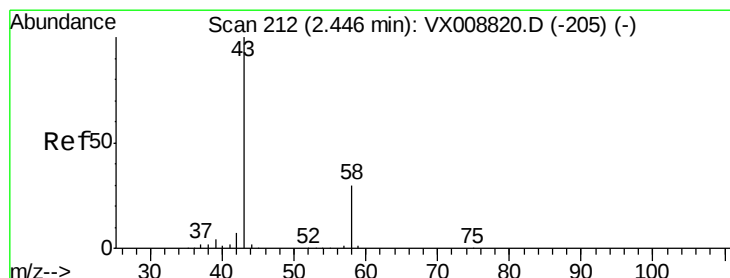
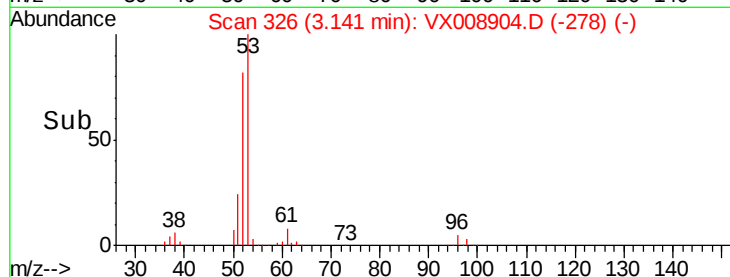
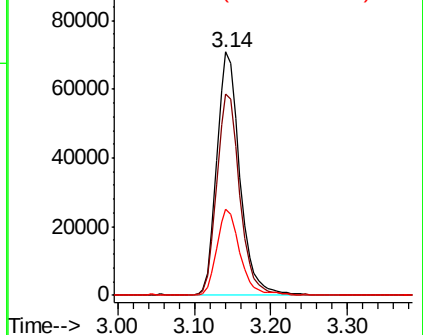
51 35.8 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 99.561 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008904.D

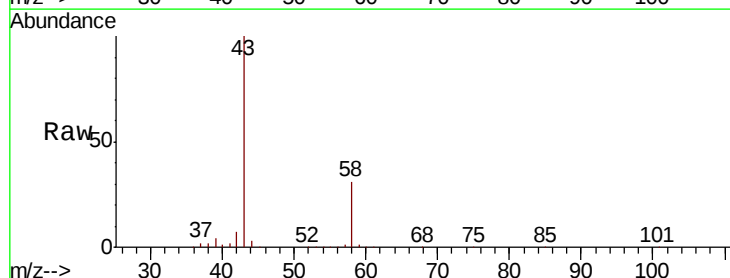
Acq: 12 Apr 2019 22:55

Tgt Ion: 43 Resp: 127763

Ion Ratio Lower Upper

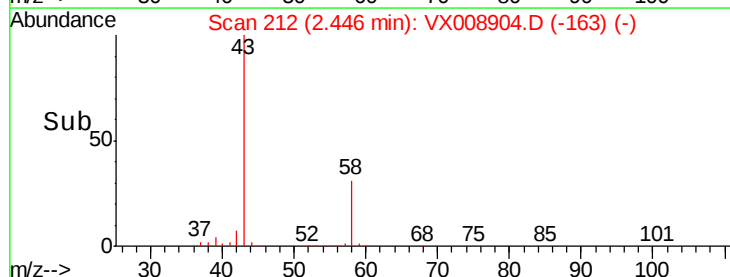
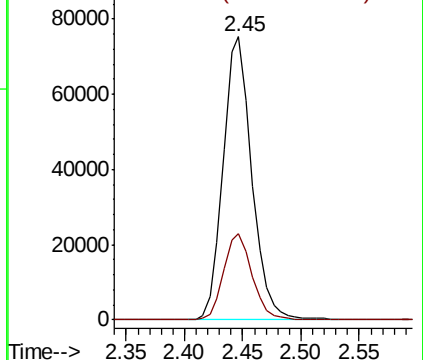
43 100

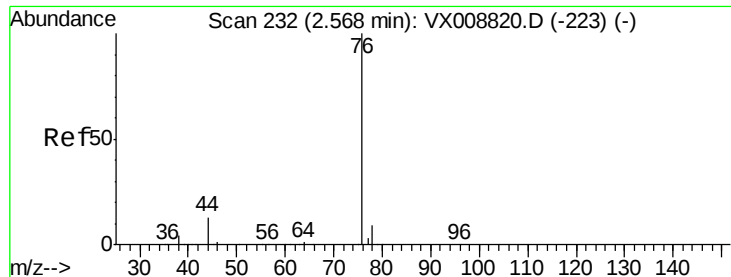
58 30.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

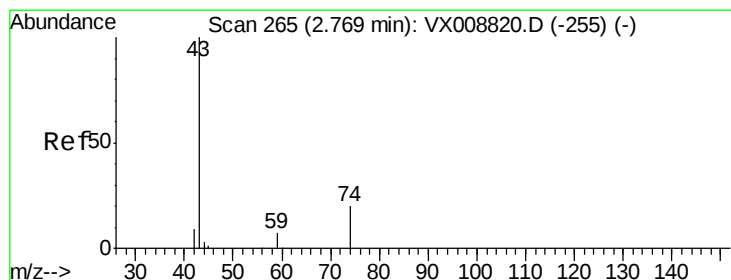
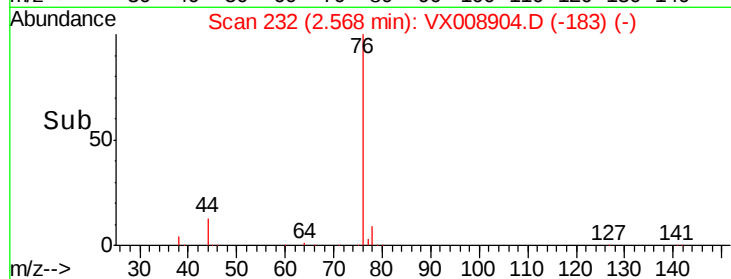
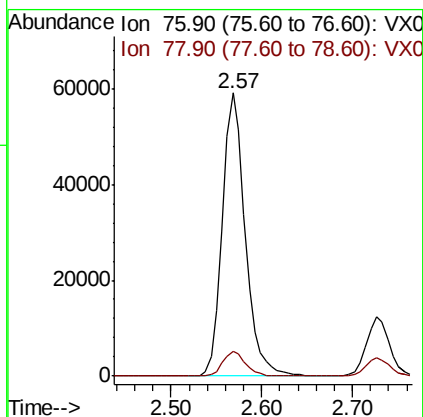
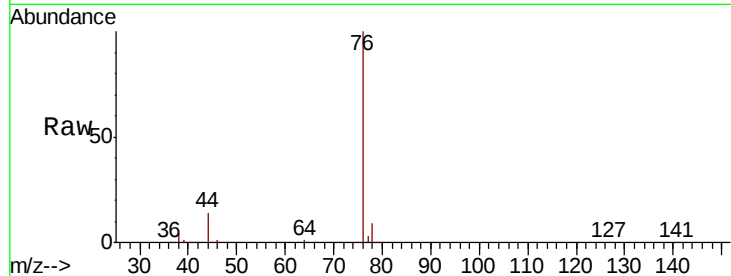




#17
Carbon Disulfide
Concen: 19.954 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

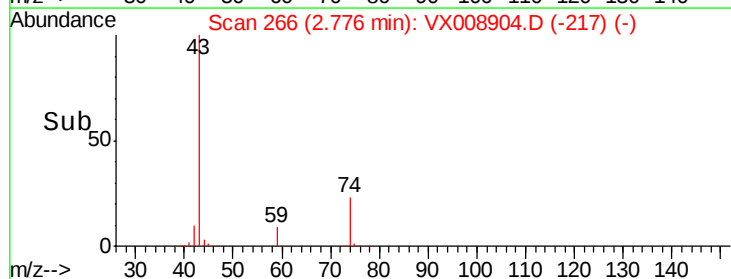
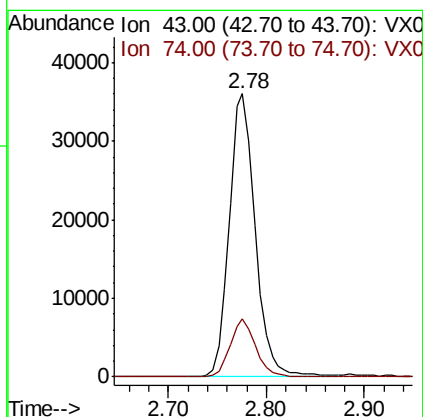
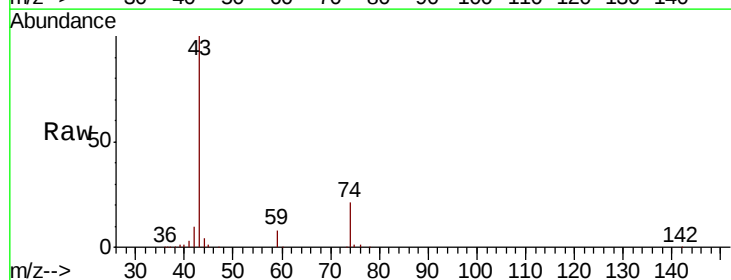
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

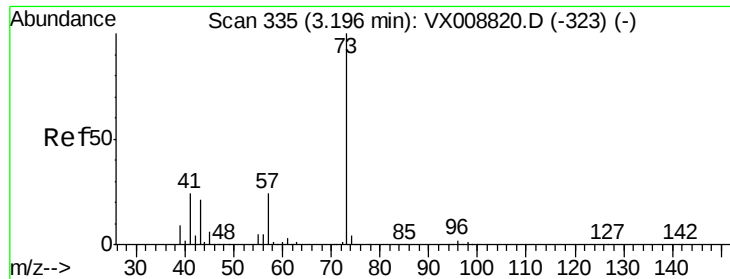
Tot Ion: 76 Resp: 104025
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 21.120 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion: 43 Resp: 65731
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7



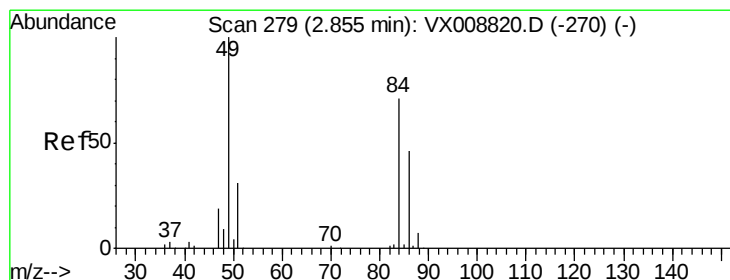
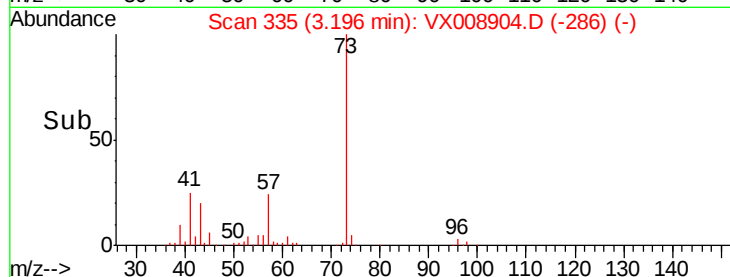
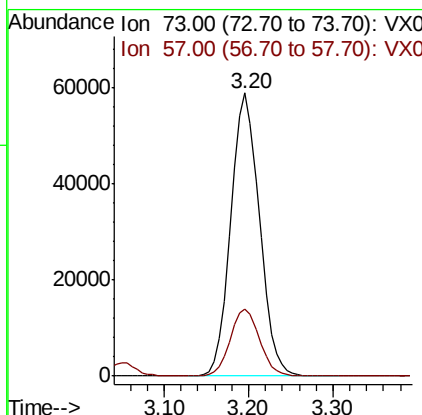
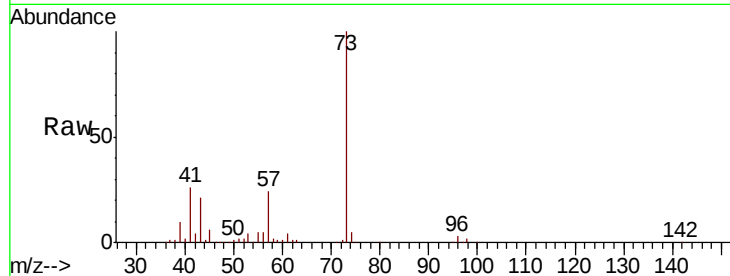


#19

Methyl tert-butyl Ether
 Concen: 21.543 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

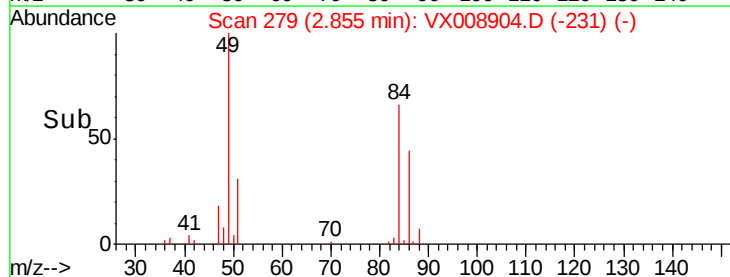
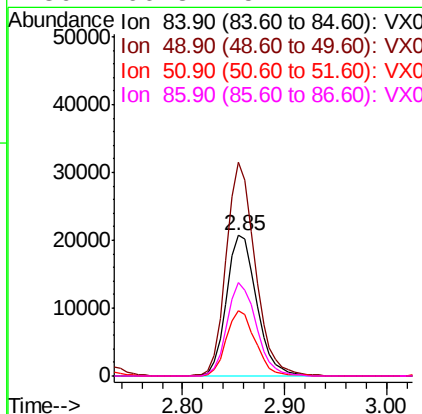
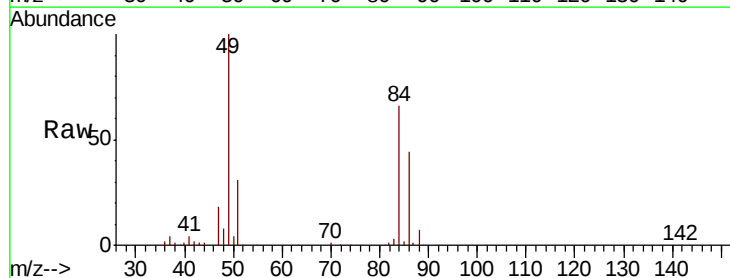
Tot Ion: 73 Resp: 135866
 Ion Ratio Lower Upper
 73 100
 57 23.9 19.5 29.3

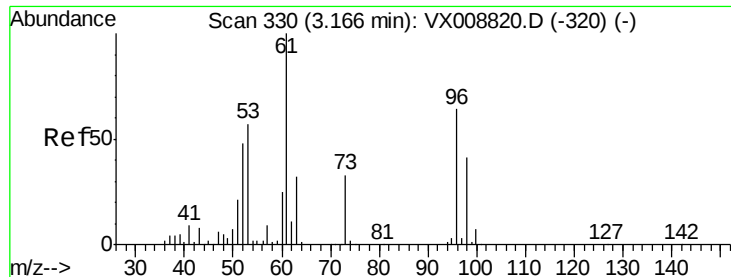


#20

Methylene Chloride
 Concen: 19.837 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion: 84 Resp: 42611
 Ion Ratio Lower Upper
 84 100
 49 151.8 109.7 164.5
 51 46.4 33.6 50.4
 86 66.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 19.850 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

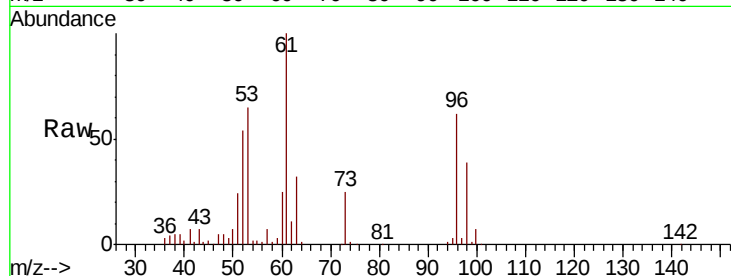
Tot Ion: 96 Resp: 37918

Ion Ratio Lower Upper

96 100

61 161.2 132.1 198.1

98 63.3 52.2 78.2

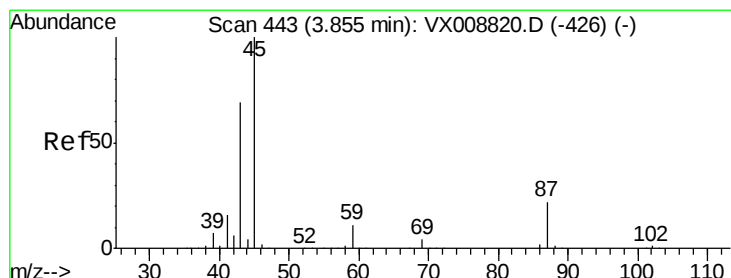
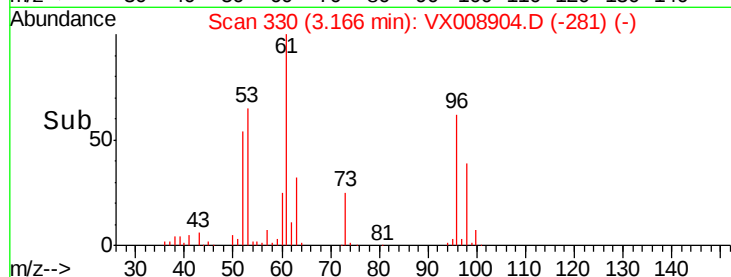
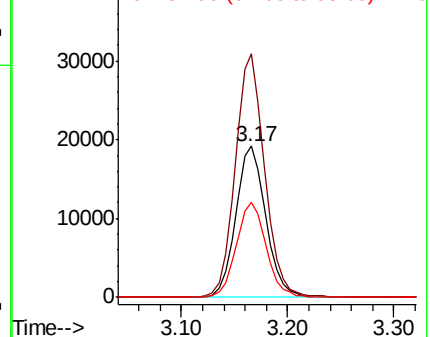


Abundance

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: 21.282 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Tgt Ion: 45 Resp: 165827

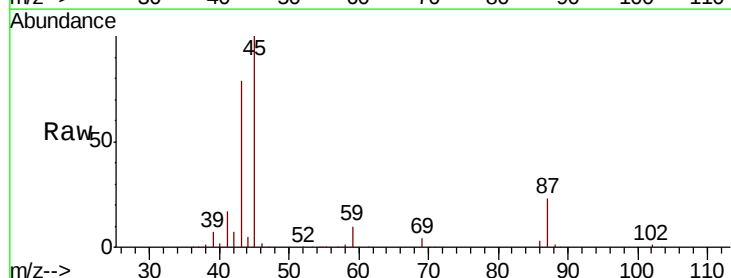
Ion Ratio Lower Upper

45 100

43 79.2 51.3 76.9#

87 22.9 18.1 27.1

59 10.4 8.6 13.0



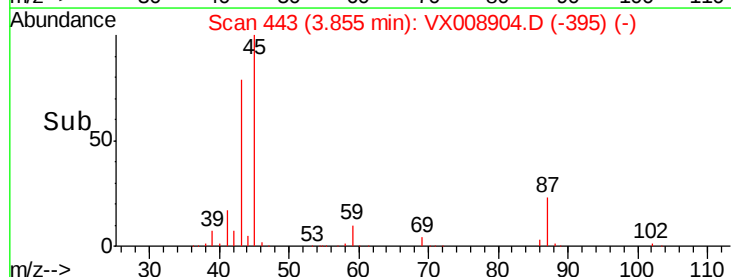
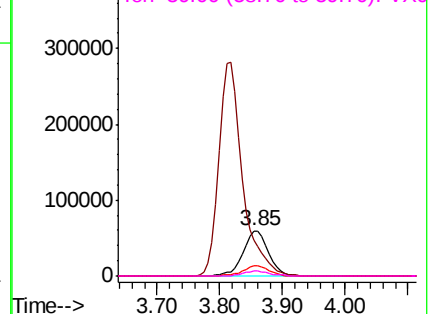
Abundance

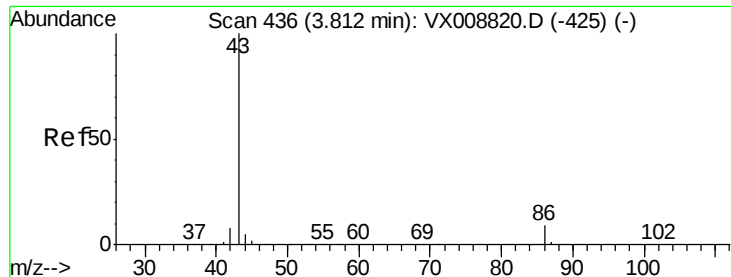
Ion 45.00 (44.70 to 45.70): VX0

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: 108.731 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

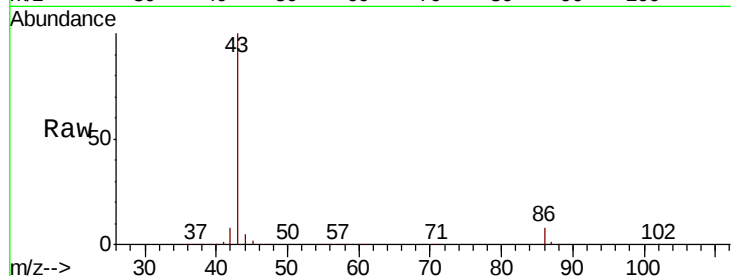
VX0412WBS02

Tot Ion: 43 Resp: 737037

Ion Ratio Lower Upper

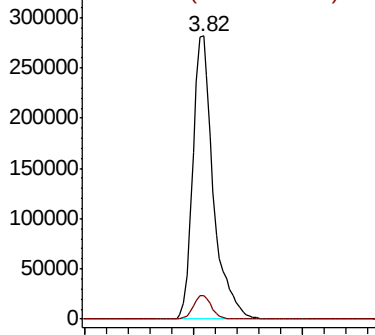
43 100

86 8.5 7.0 10.6

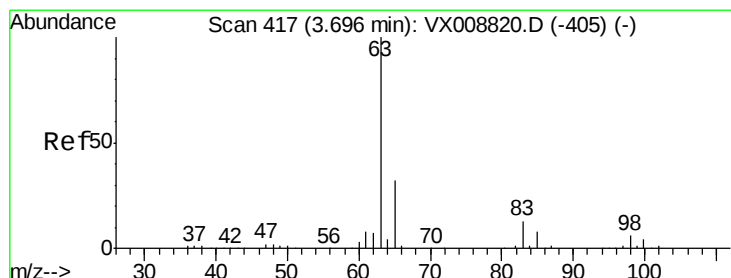
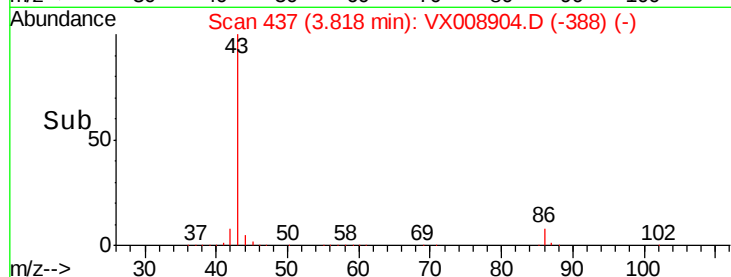


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 20.715 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

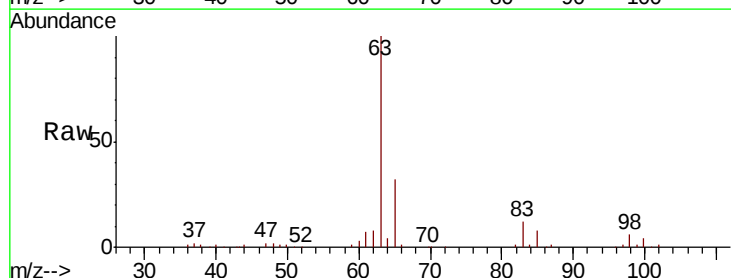
Tgt Ion: 63 Resp: 79915

Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.4

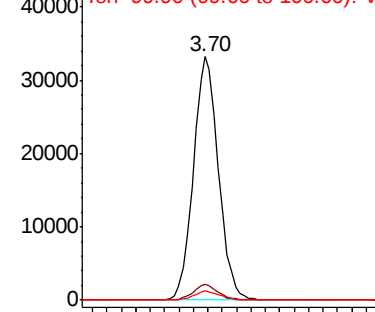
100 3.9 1.8 5.5



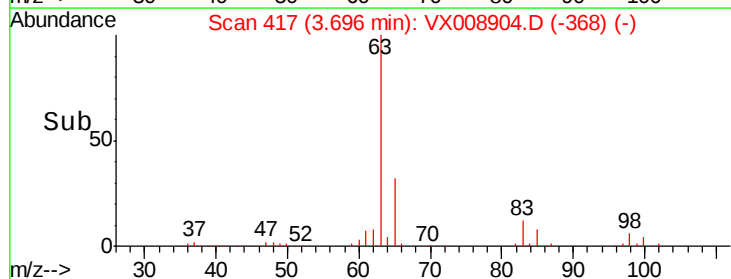
Abundance Ion 62.90 (62.60 to 63.60): VX0

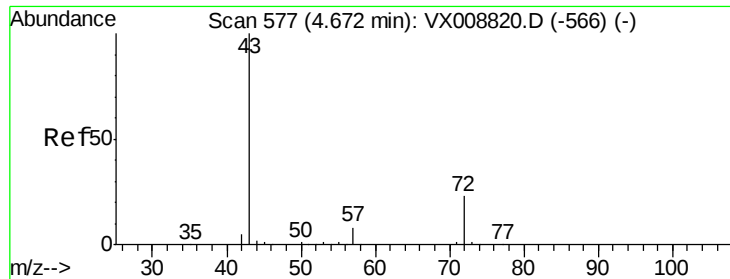
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time--> 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 108.580 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

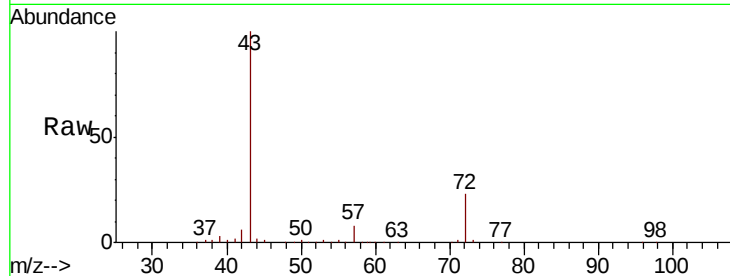
VX0412WBS02

Tot Ion: 43 Resp: 220226

Ion Ratio Lower Upper

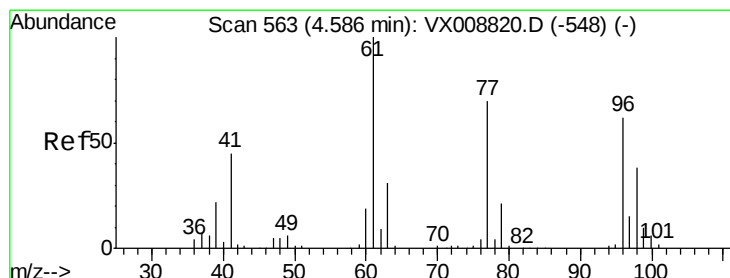
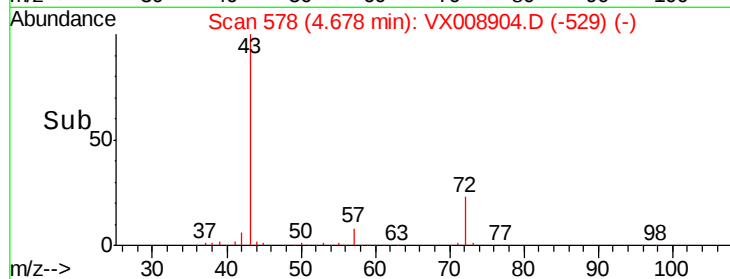
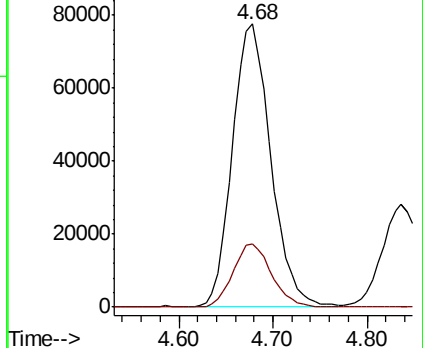
43 100

72 22.4 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: 15.977 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008904.D

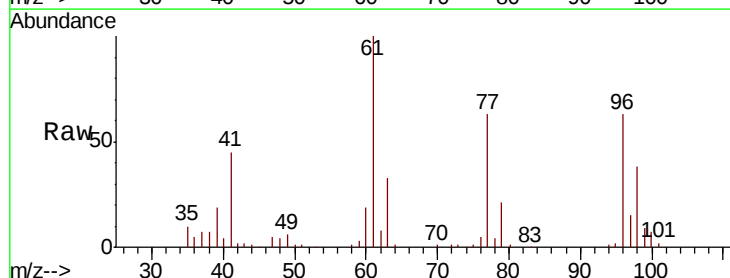
Acq: 12 Apr 2019 22:55

Tgt Ion: 77 Resp: 43412

Ion Ratio Lower Upper

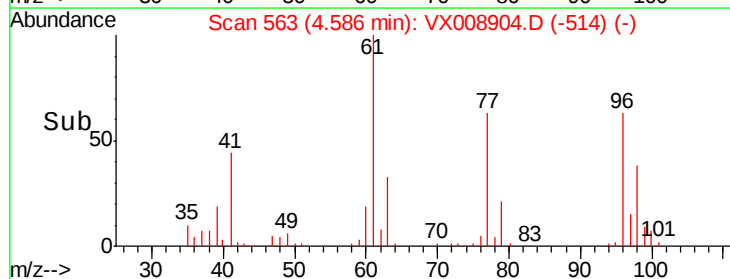
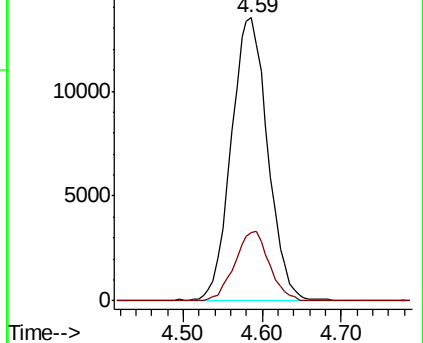
77 100

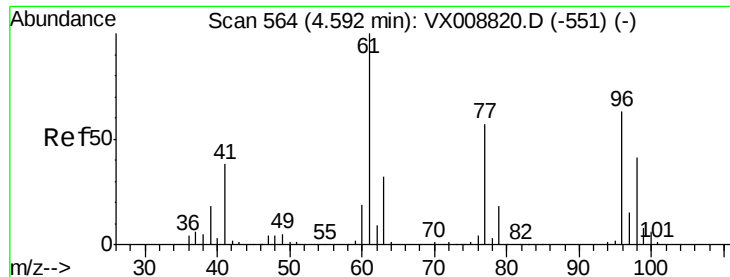
97 23.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



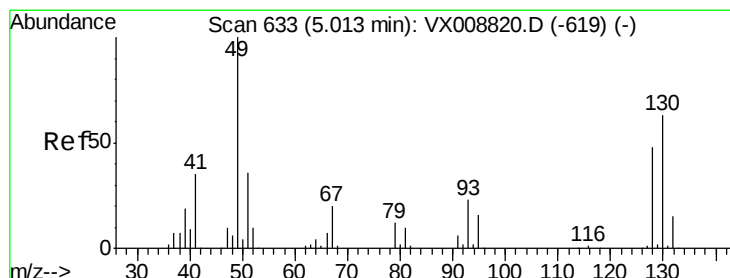
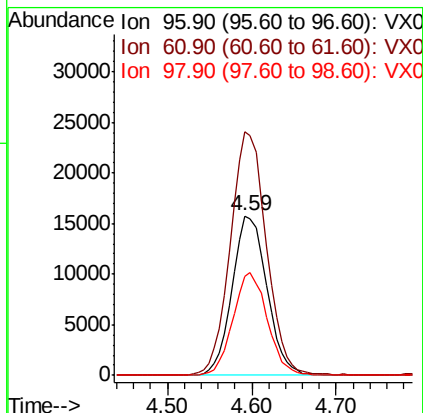
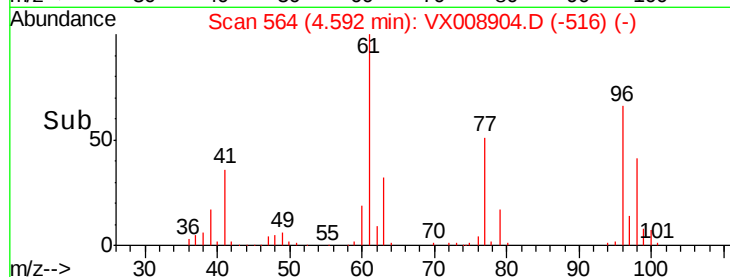
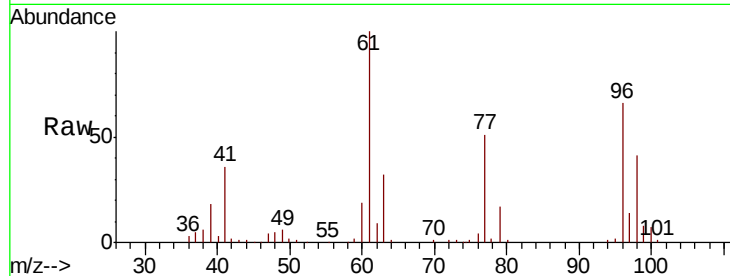


#27

cis-1,2-Dichloroethene
Concen: 20.114 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

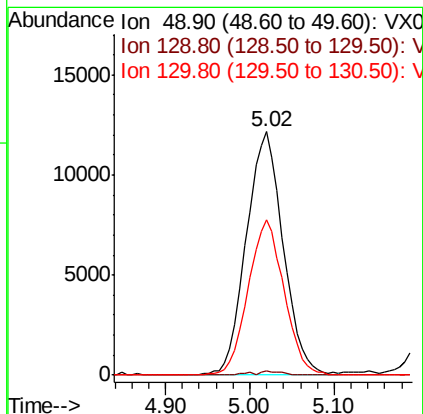
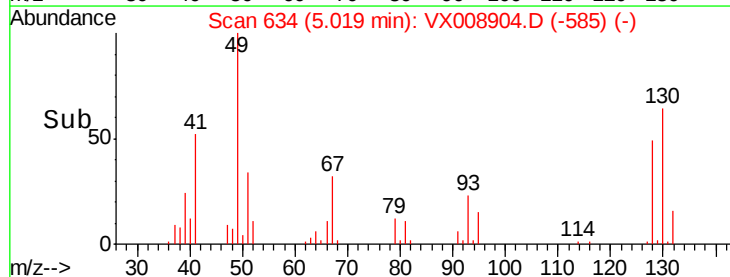
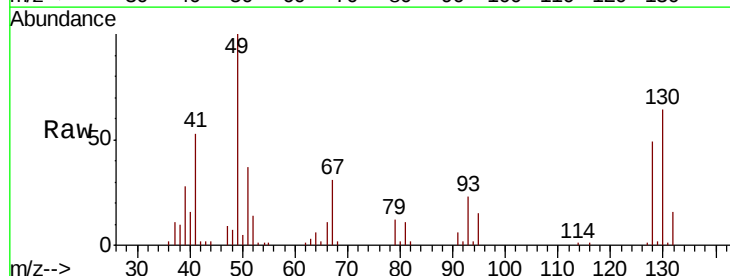
Tot Ion: 96 Resp: 44174
Ion Ratio Lower Upper
96 100
61 158.1 0.0 327.6
98 63.4 0.0 128.6

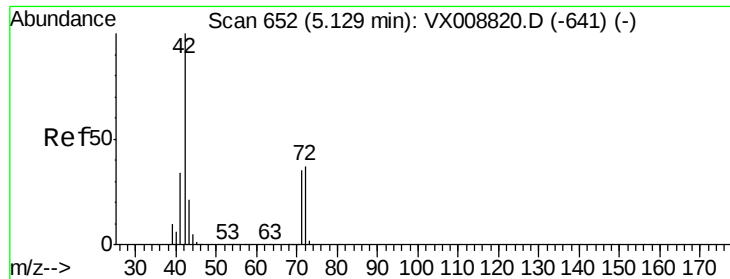


#28

Bromochloromethane
Concen: 20.743 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion: 49 Resp: 36282
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.6
130 62.0 49.3 73.9





#29

Tetrahydrofuran

Concen: 109.737 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

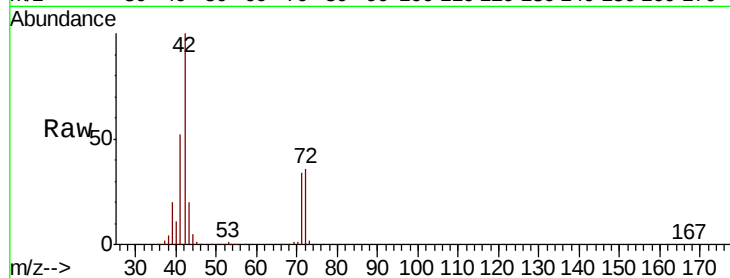
Tot Ion: 42 Resp: 147727

Ion Ratio Lower Upper

42 100

72 37.7 30.5 45.7

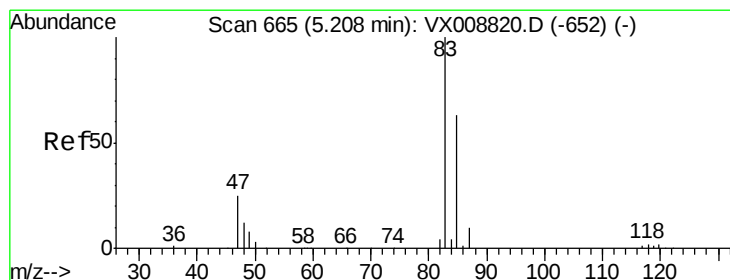
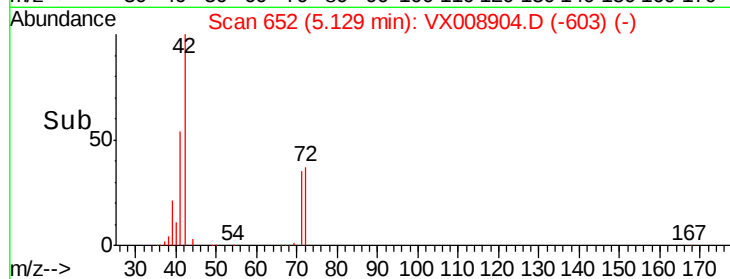
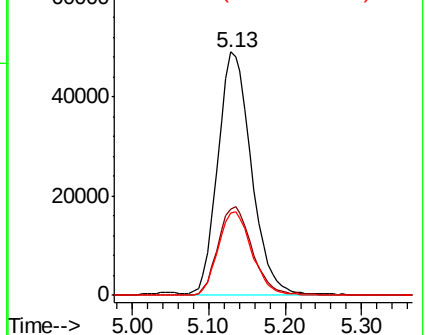
71 34.9 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.997 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008904.D

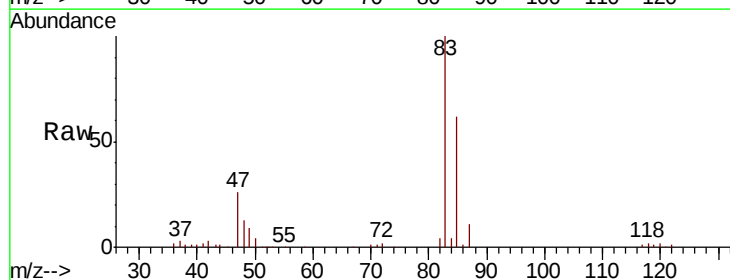
Acq: 12 Apr 2019 22:55

Tgt Ion: 83 Resp: 72350

Ion Ratio Lower Upper

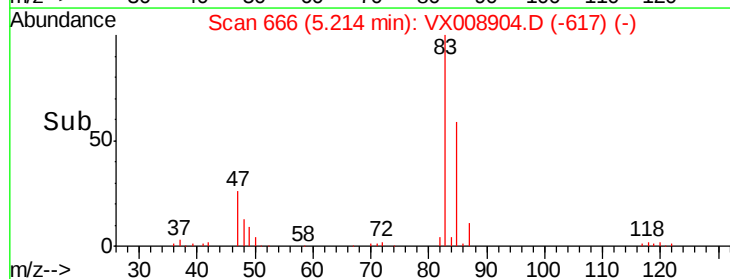
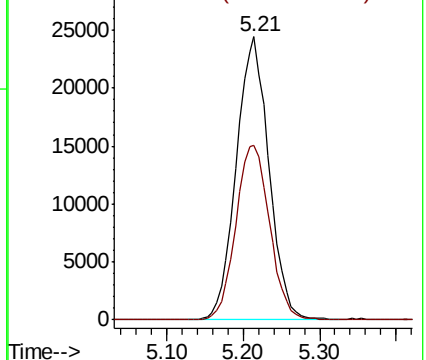
83 100

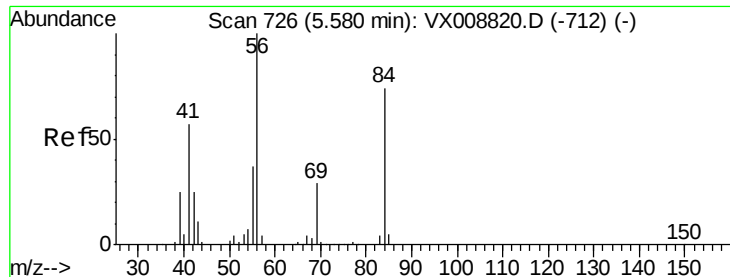
85 61.8 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

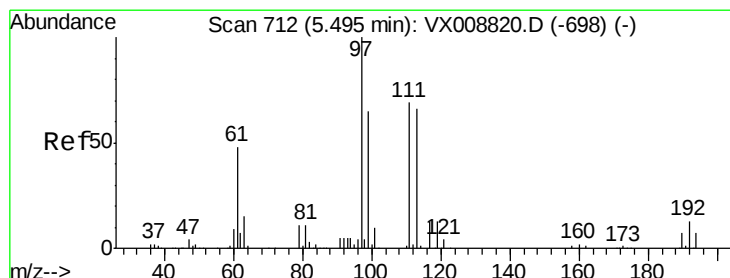
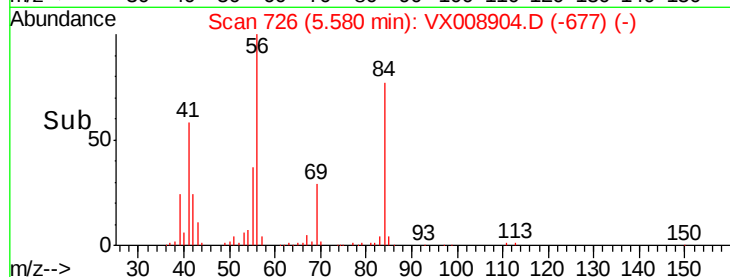
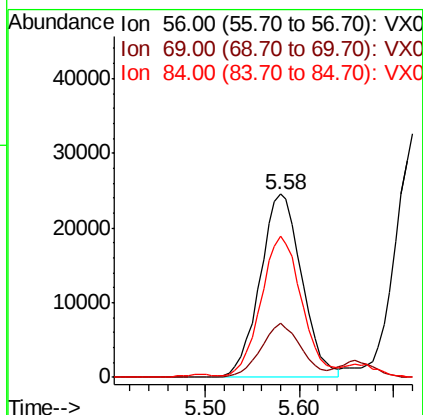
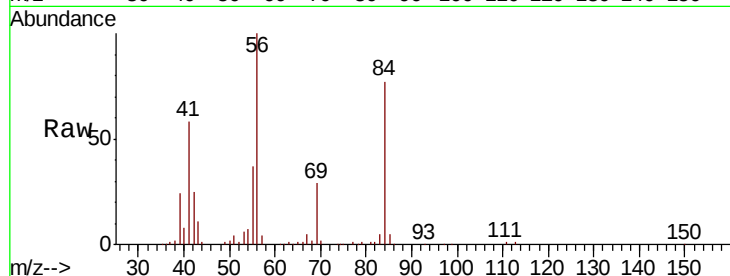




#31
Cyclohexane
Concen: 19.727 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

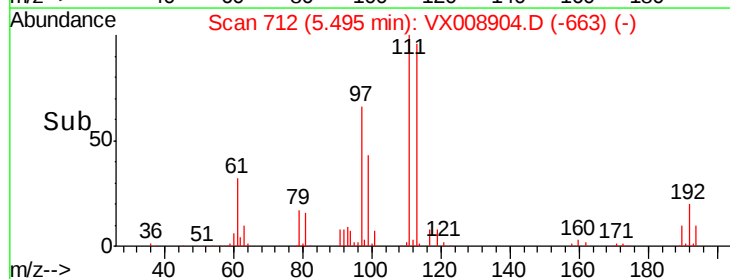
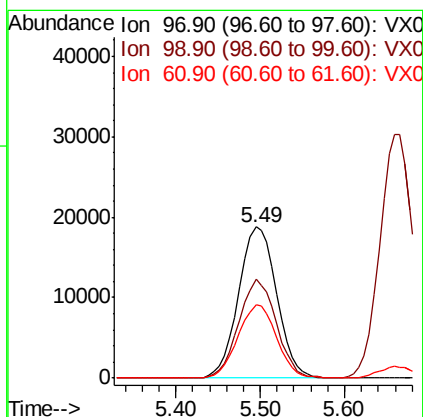
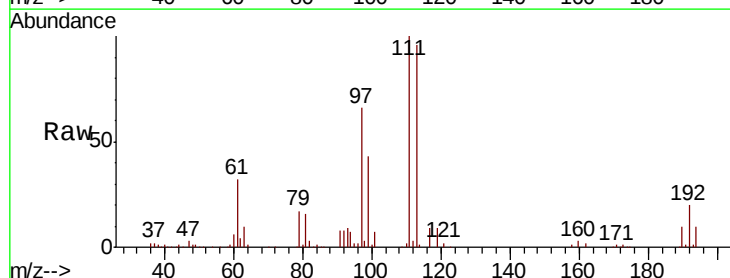
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

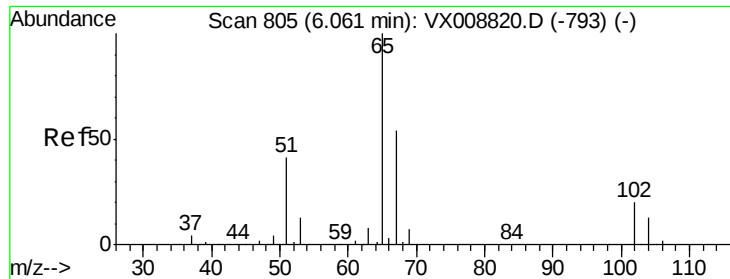
Tot Ion: 56 Resp: 75938
Ion Ratio Lower Upper
56 100
69 29.3 22.6 33.8
84 75.9 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 20.748 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion: 97 Resp: 57773
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 49.3 38.9 58.3

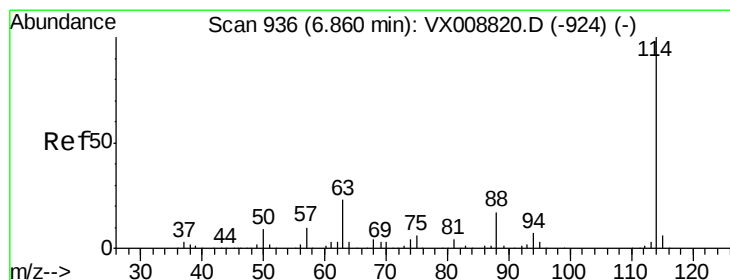
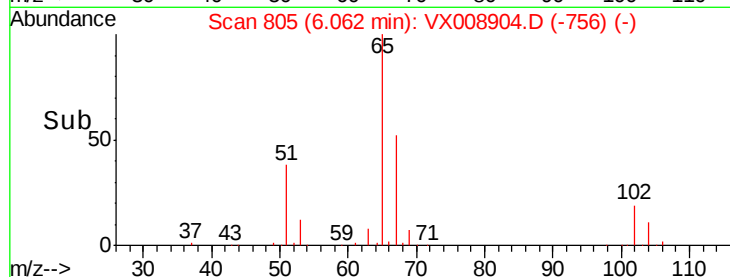
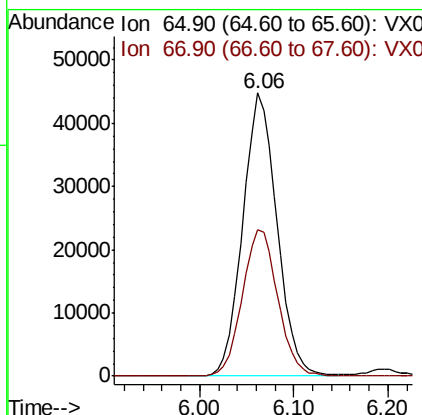
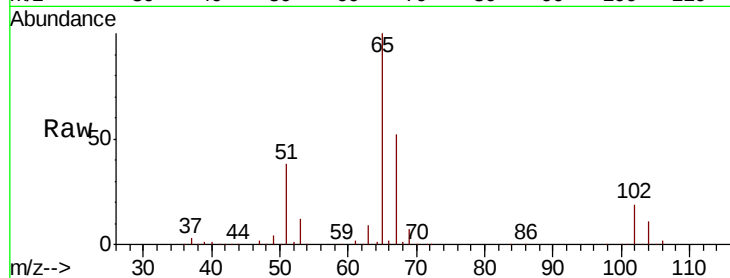




#33
 1,2-Dichloroethane-d4
 Concen: 51.315 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

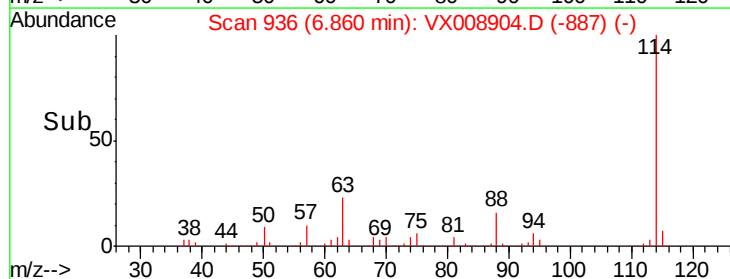
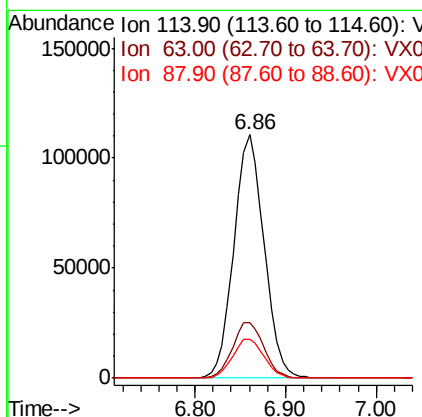
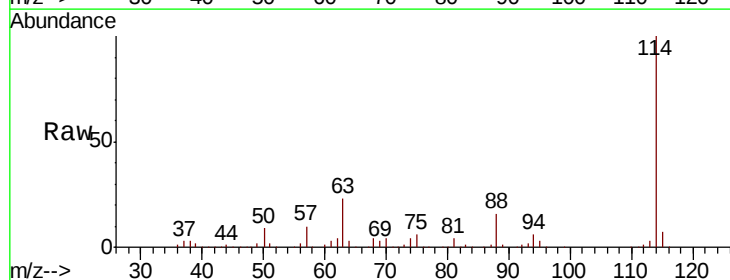
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

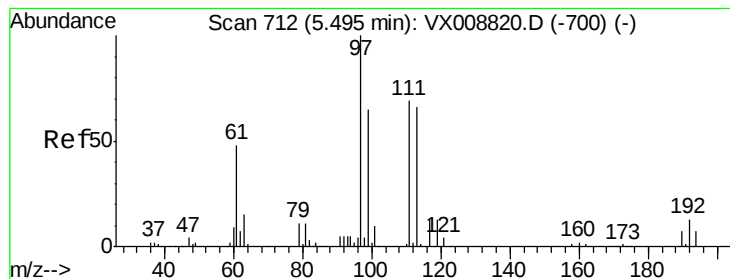
Tot Ion: 65 Resp: 114331
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion: 114 Resp: 256512
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.2
 88 16.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.586 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

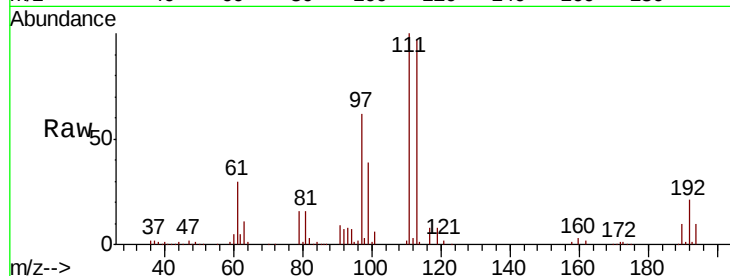
Tot Ion:113 Resp: 82963

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

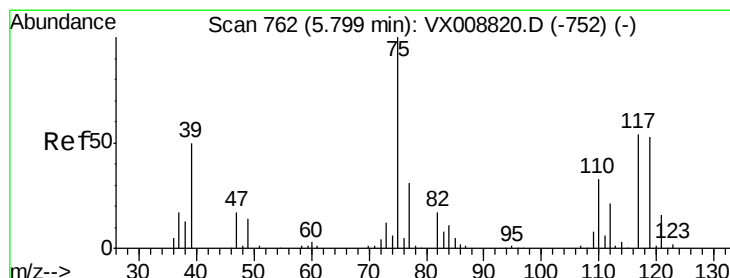
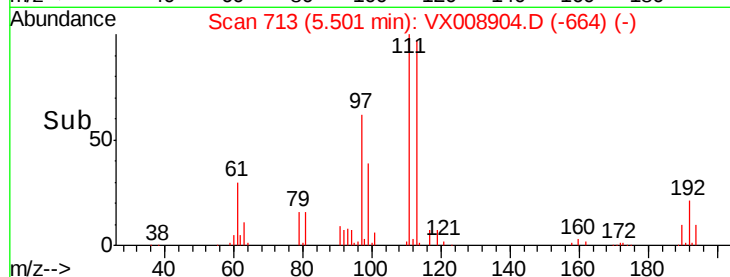
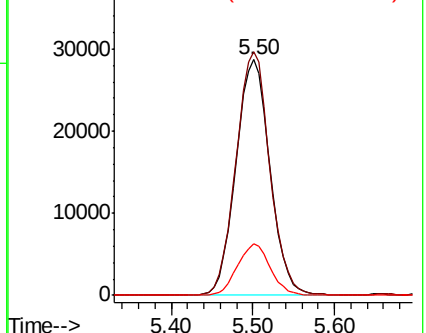
192 21.1 16.1 24.1



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: 19.222 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

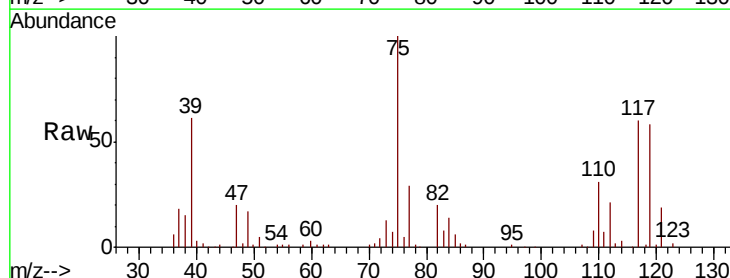
Tgt Ion: 75 Resp: 53898

Ion Ratio Lower Upper

75 100

110 33.2 16.4 49.2

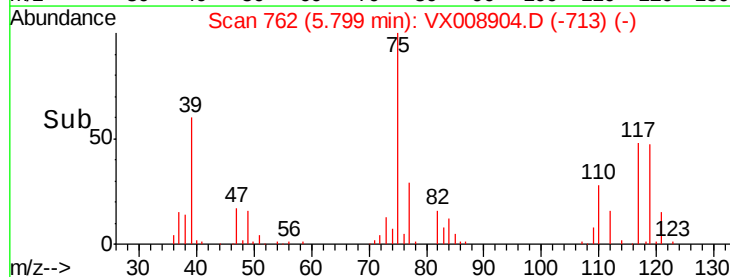
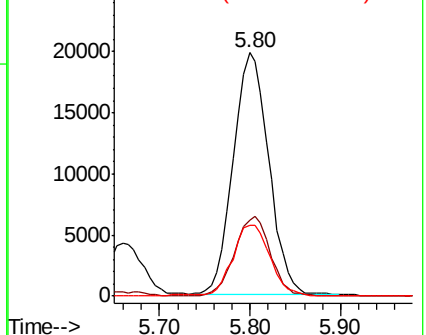
77 31.0 24.7 37.1

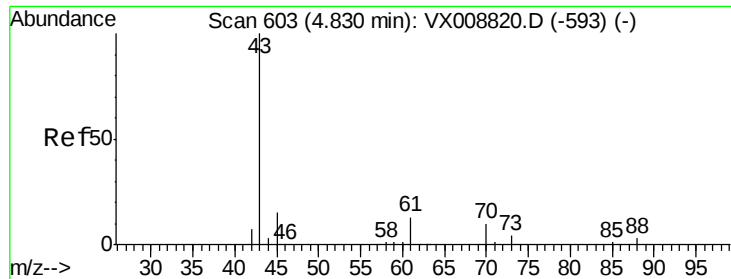


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

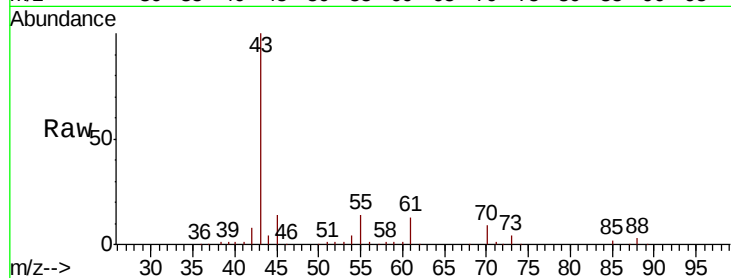




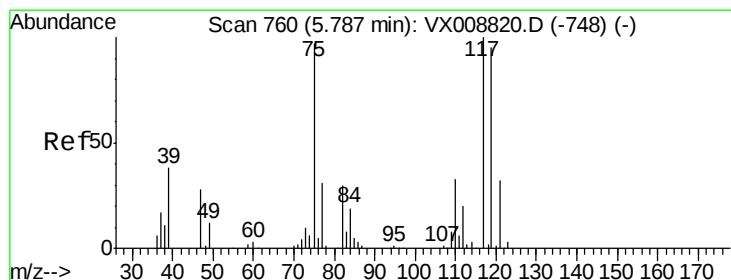
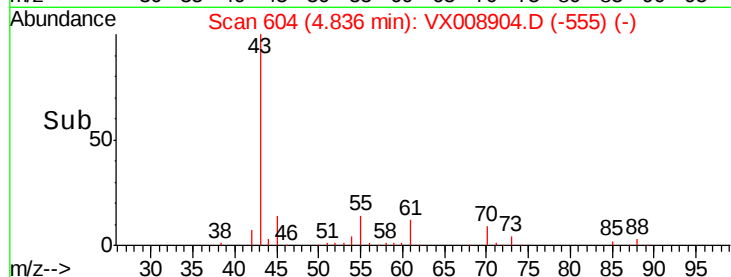
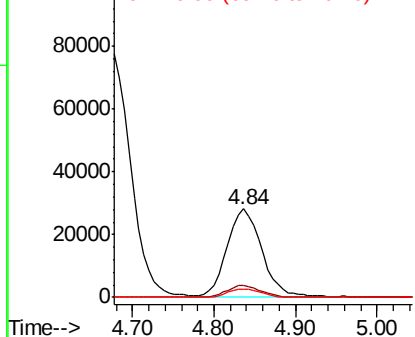
#37
Ethyl Acetate
Concen: 22.031 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampled :
VX0412WBS02

Tot Ion: 43 Resp: 82454
Ion Ratio Lower Upper
43 100
61 13.5 10.3 15.5
70 9.5 7.6 11.4

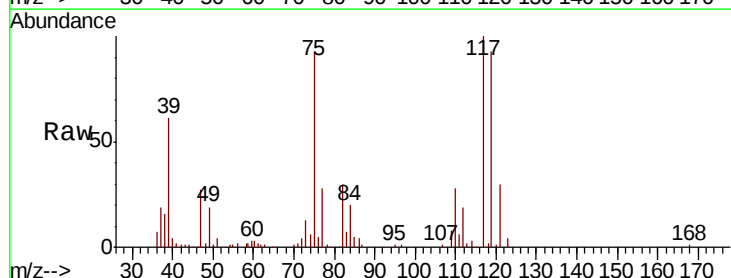


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

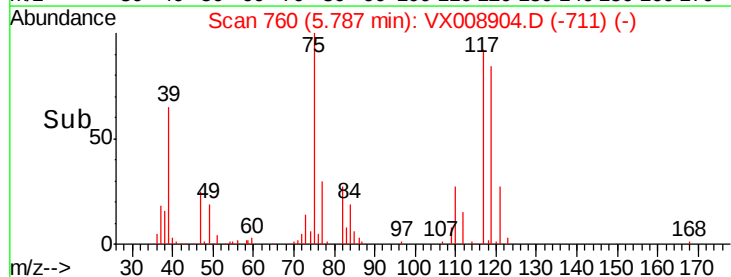
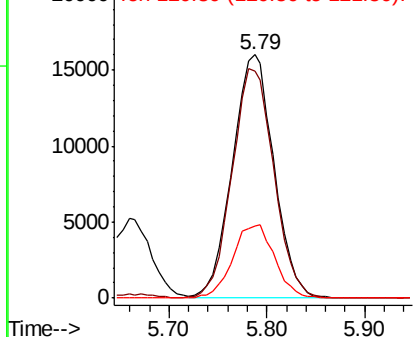


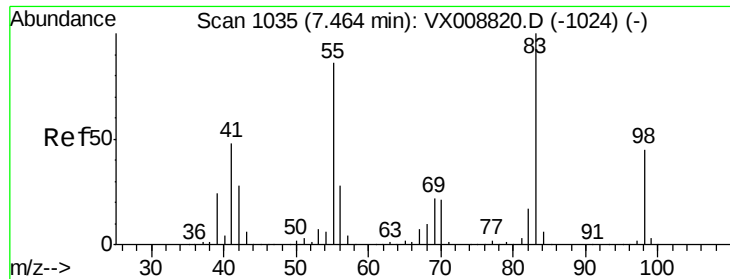
#38
Carbon Tetrachloride
Concen: 20.329 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion: 117 Resp: 47178
Ion Ratio Lower Upper
117 100
119 93.1 75.0 112.6
121 29.7 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

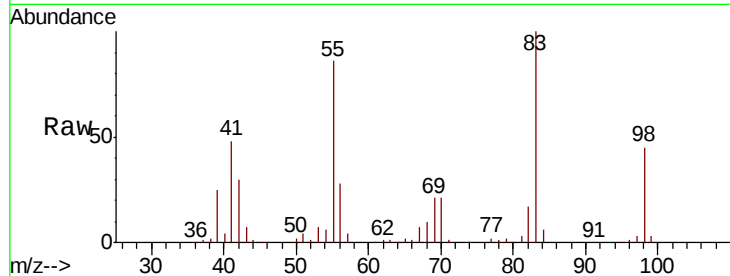




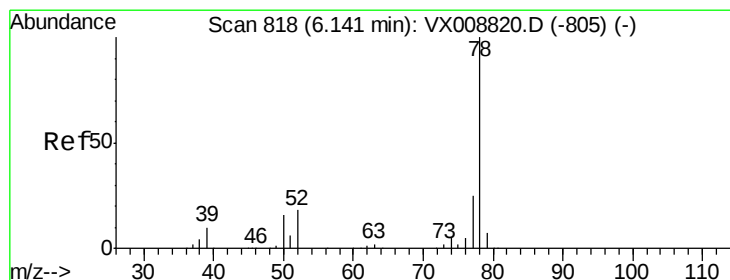
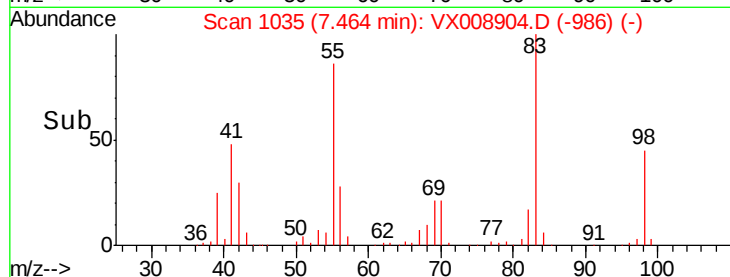
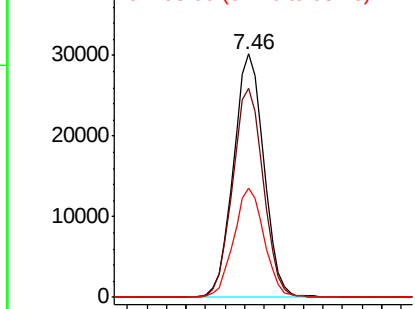
#39
Methvlcvclohexane
Concen: 18.837 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tot Ion: 83 Resp: 65246
Ion Ratio Lower Upper
83 100
55 86.1 69.0 103.6
98 44.9 34.4 51.6

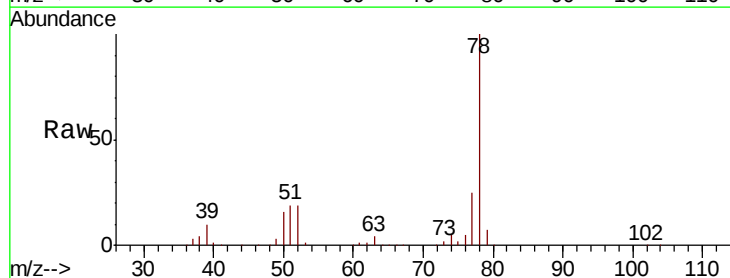


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

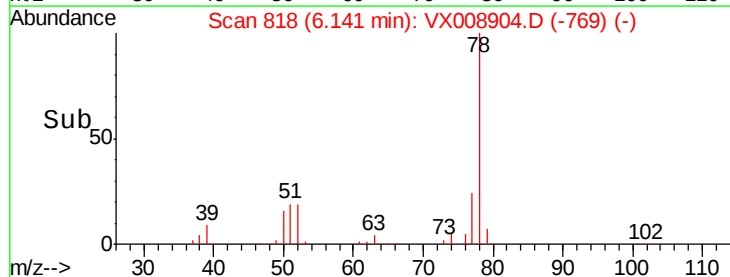
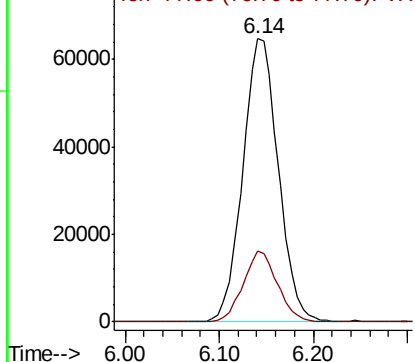


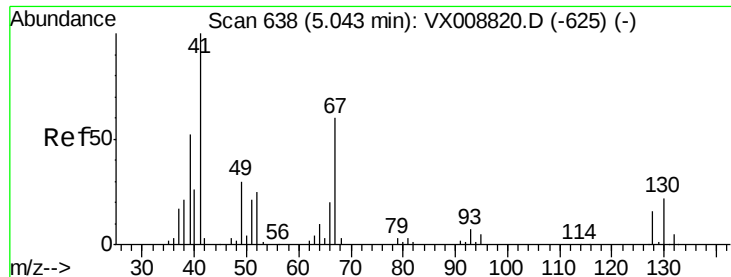
#40
Benzene
Concen: 20.469 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion: 78 Resp: 170983
Ion Ratio Lower Upper
78 100
77 24.9 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: 21.350 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion: 41 Resp: 45930

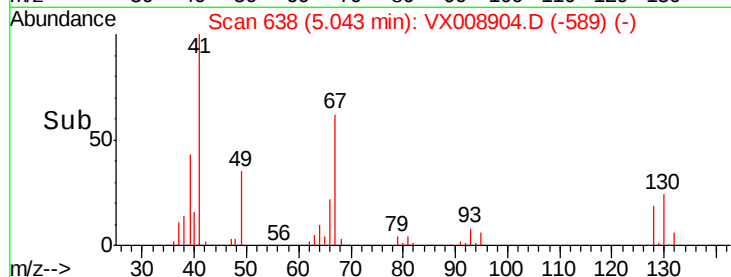
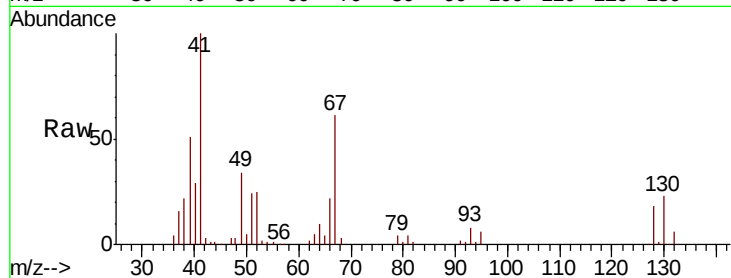
Ion Ratio Lower Upper

41 100

39 53.1 42.1 63.1

67 63.2 51.0 76.6

52 26.8 21.4 32.0

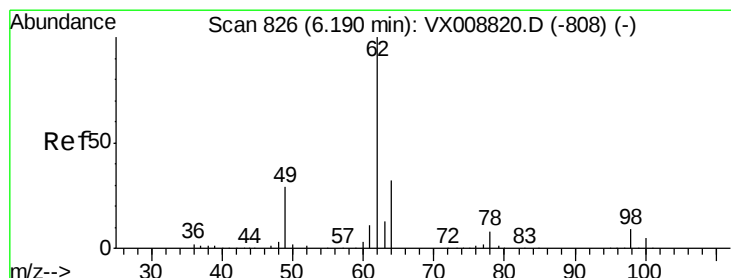
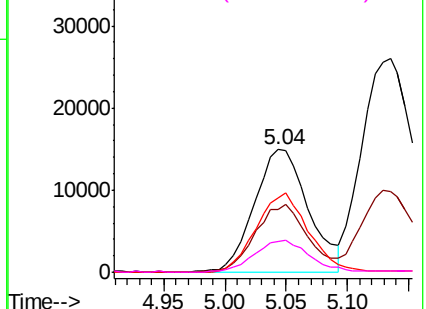


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.610 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008904.D

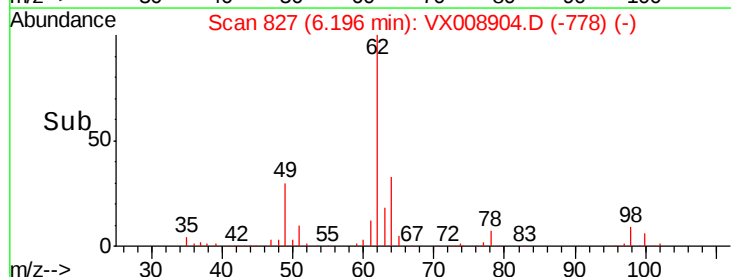
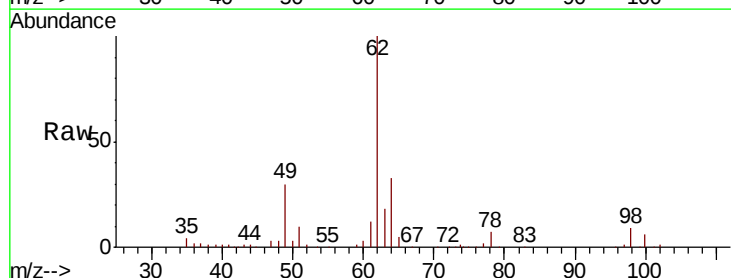
Acq: 12 Apr 2019 22:55

Tgt Ion: 62 Resp: 61719

Ion Ratio Lower Upper

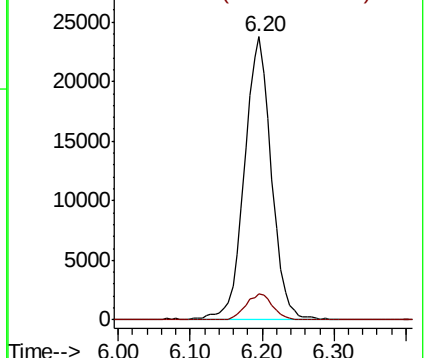
62 100

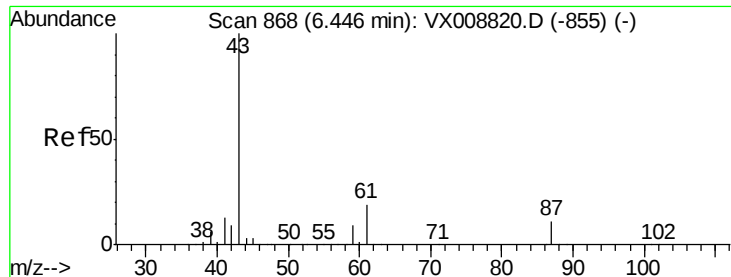
98 9.2 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



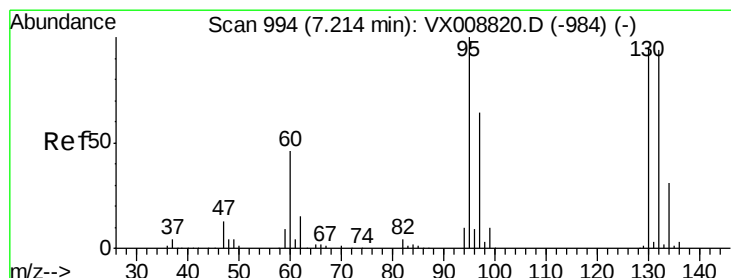
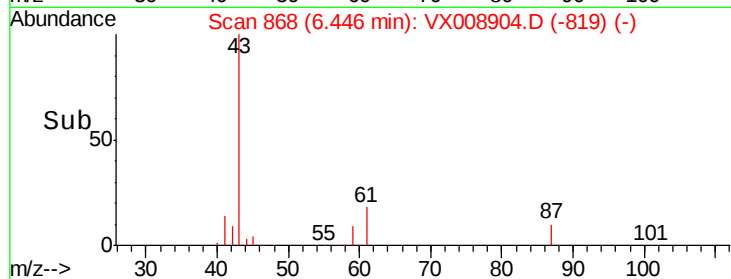
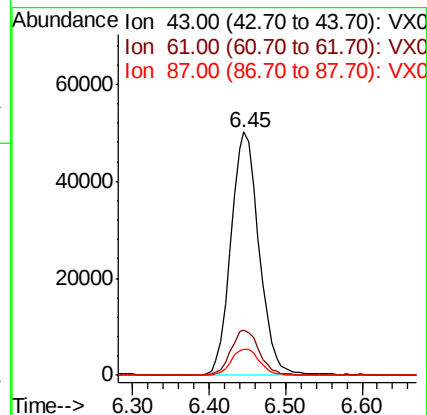
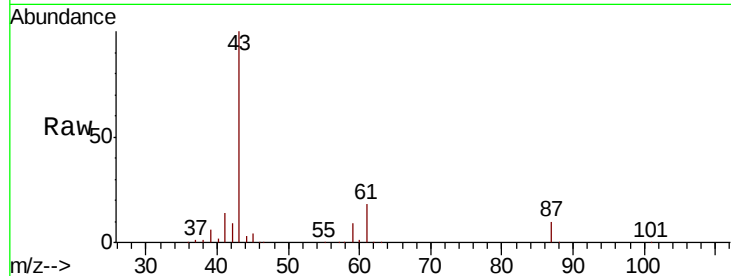


#43

Isopropyl Acetate
 Concen: 21.657 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

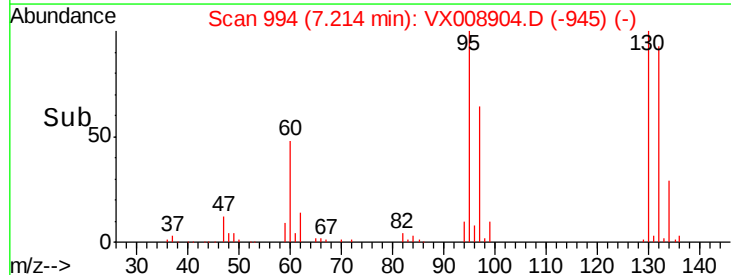
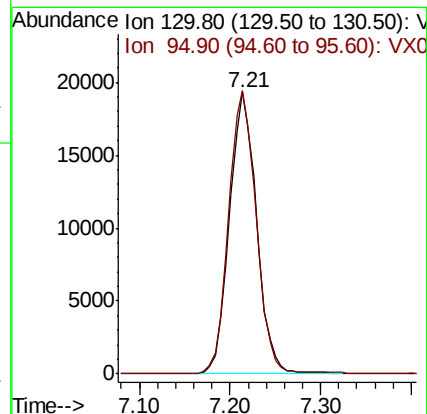
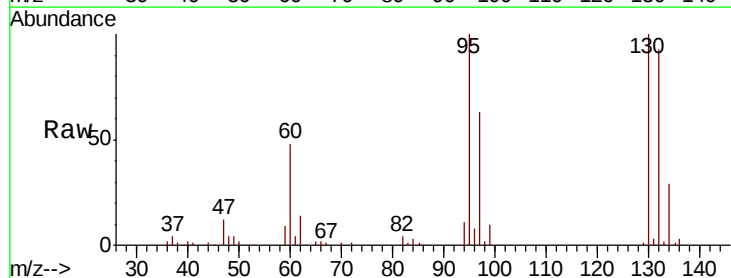
Tot Ion: 43 Resp: 126972
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.3 22.9
 87 11.1 9.0 13.6

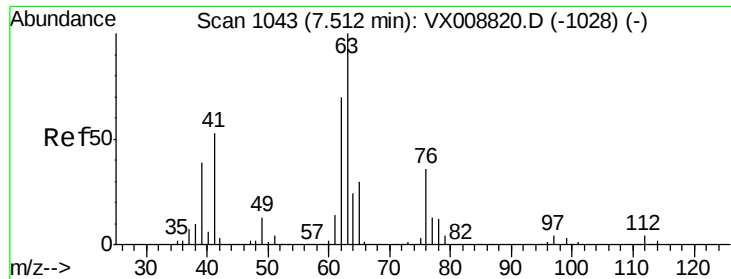


#44

Trichloroethene
 Concen: 20.662 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion:130 Resp: 40199
 Ion Ratio Lower Upper
 130 100
 95 100.5 0.0 209.8





#45

1,2-Dichloropropane

Concen: 20.345 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampled :

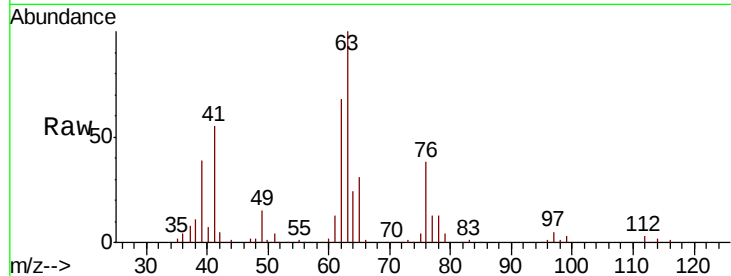
VX0412WBS02

Tot Ion: 63 Resp: 48508

Ion Ratio Lower Upper

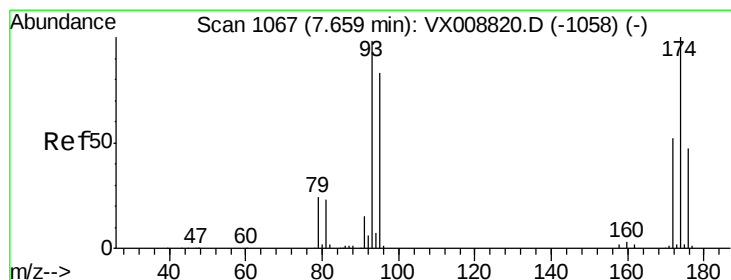
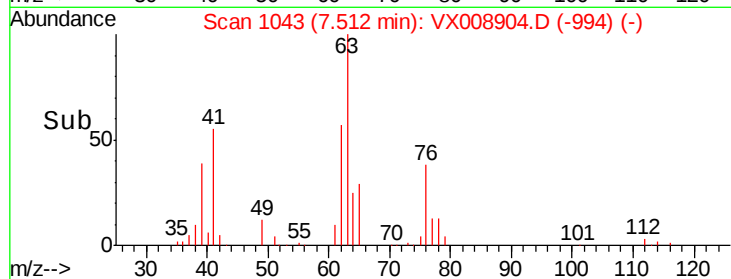
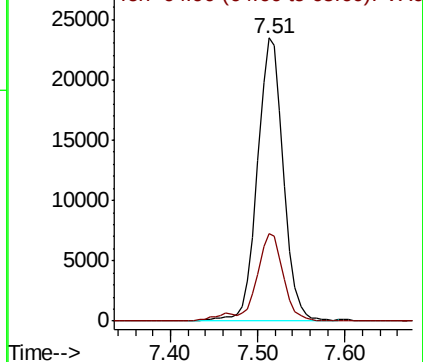
63 100

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: 19.869 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

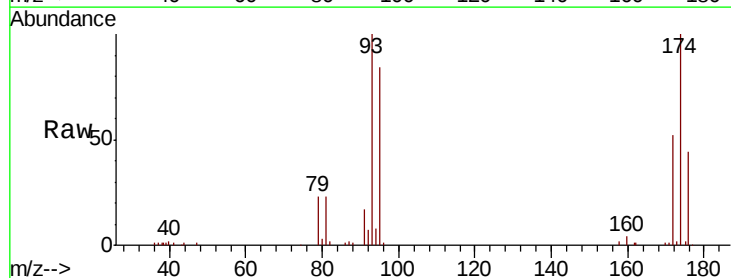
Tgt Ion: 93 Resp: 27475

Ion Ratio Lower Upper

93 100

95 84.2 66.6 99.8

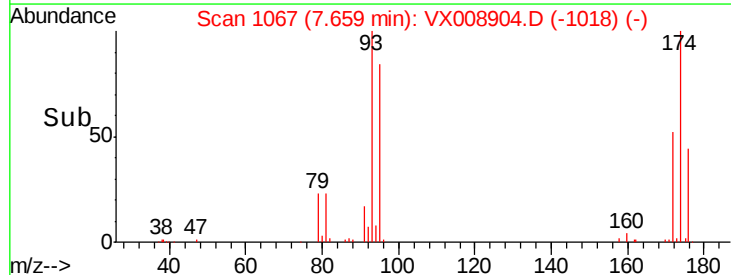
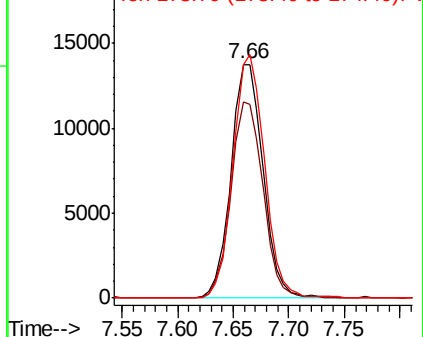
174 102.6 77.7 116.5

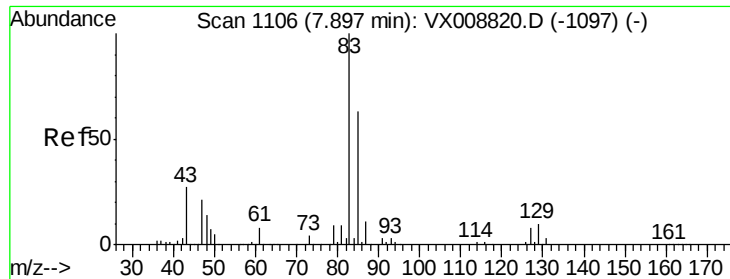


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.583 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

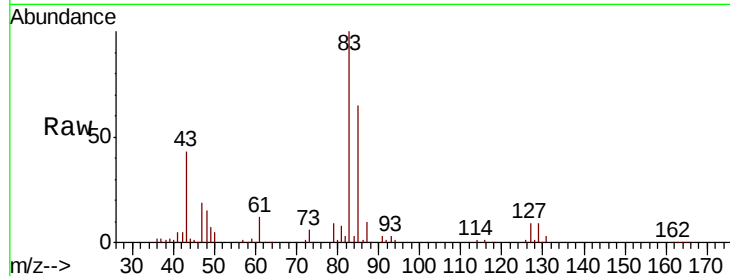
Tot Ion: 83 Resp: 53666

Ion Ratio Lower Upper

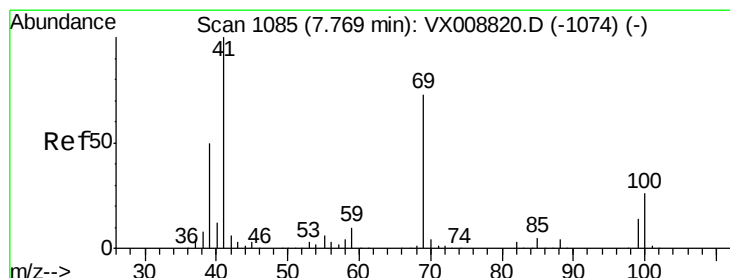
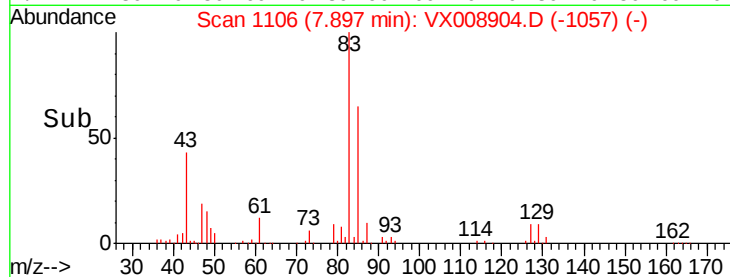
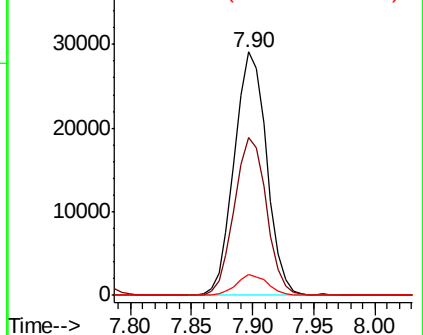
83 100

85 64.8 51.2 76.8

127 8.6 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: 21.721 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

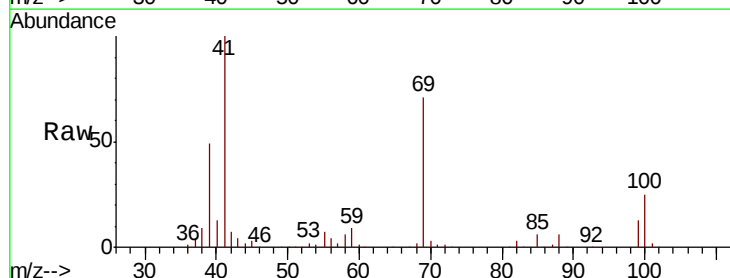
Tgt Ion: 41 Resp: 64418

Ion Ratio Lower Upper

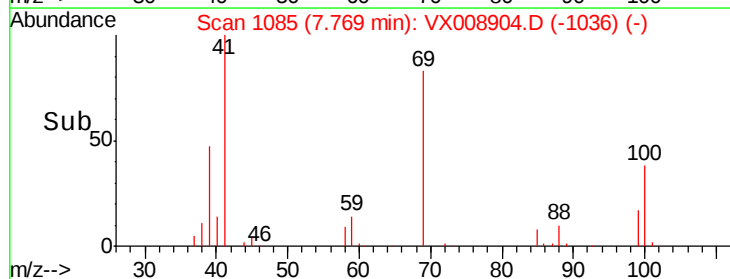
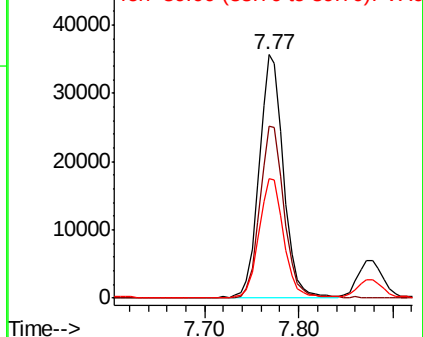
41 100

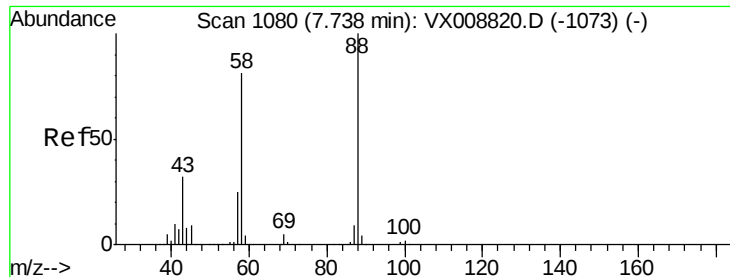
69 71.4 59.0 88.4

39 50.7 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

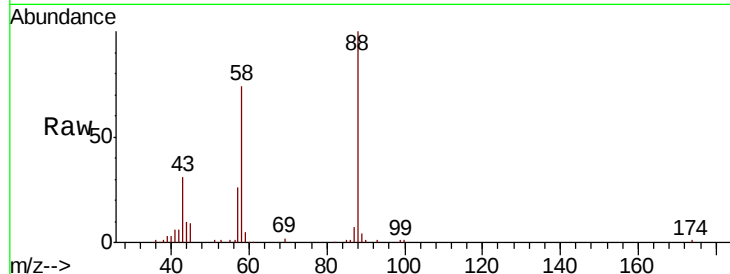




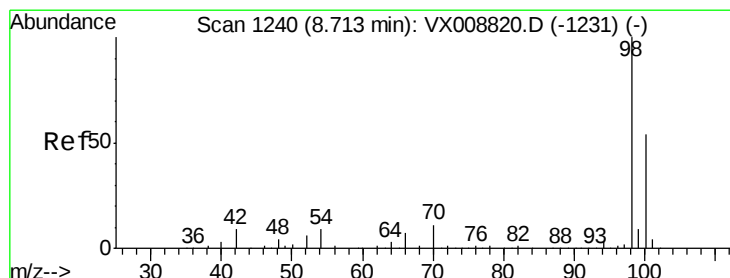
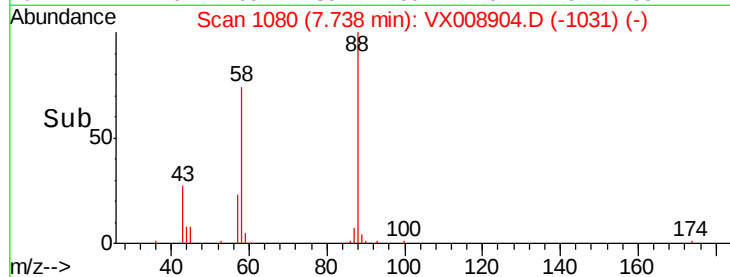
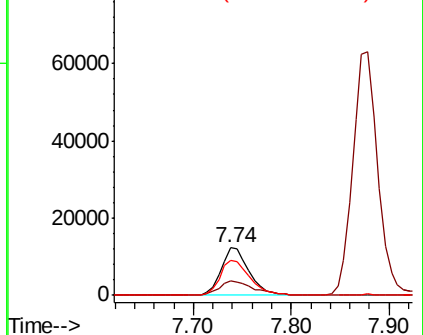
#49
 1,4-Dioxane
 Concen: 442.214 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tot Ion: 88 Resp: 24568
 Ion Ratio Lower Upper
 88 100
 43 35.5 28.6 43.0
 58 78.7 62.2 93.2

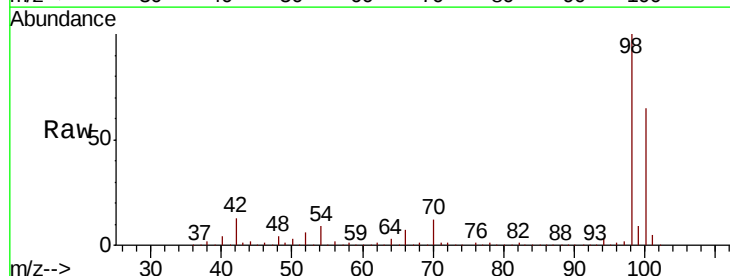


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

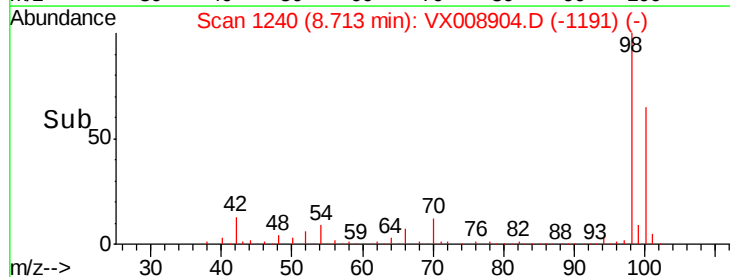
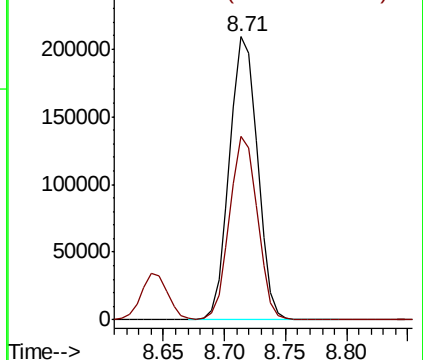


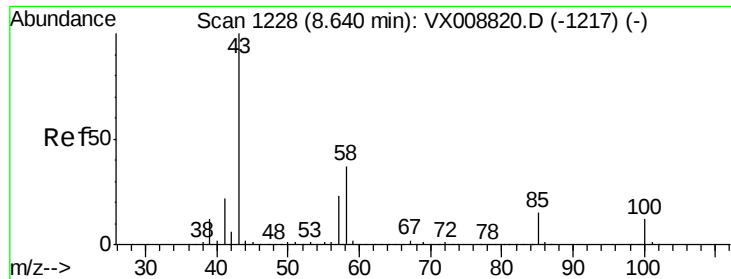
#50
 Toluene-d8
 Concen: 50.714 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion: 98 Resp: 331174
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.0



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

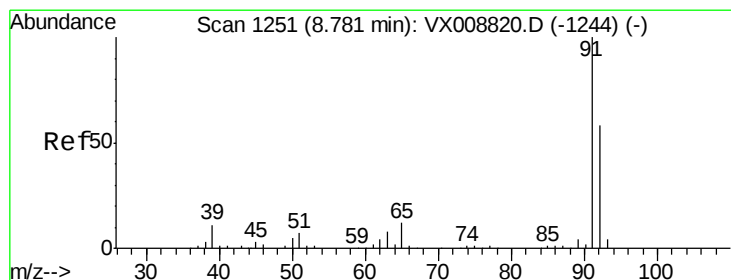
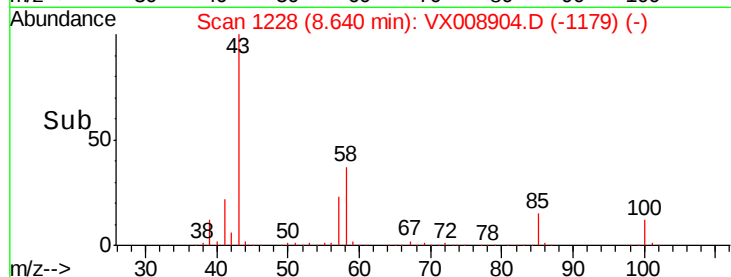
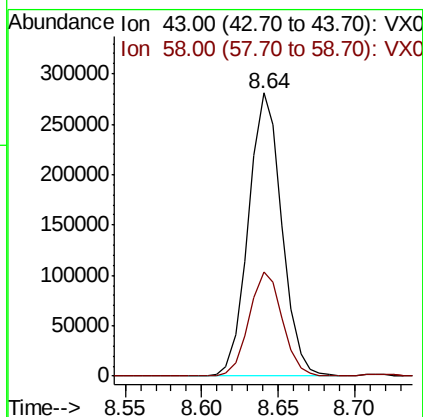
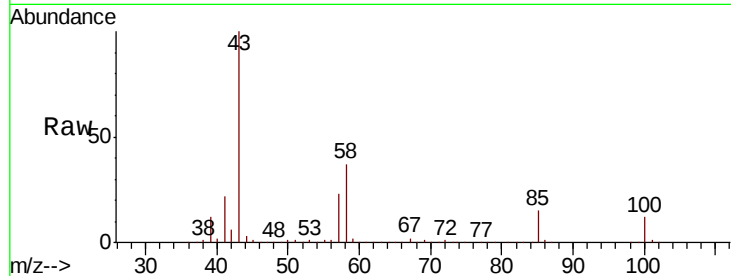




#51
4-Methyl-2-Pentanone
Concen: 112.738 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

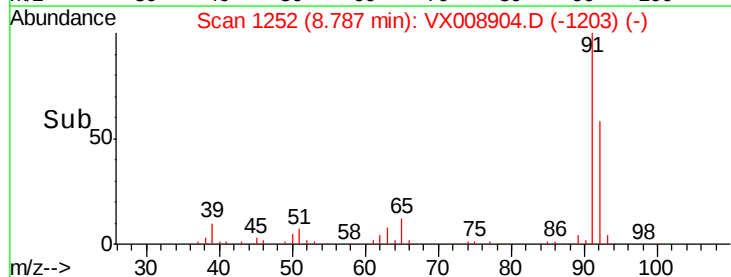
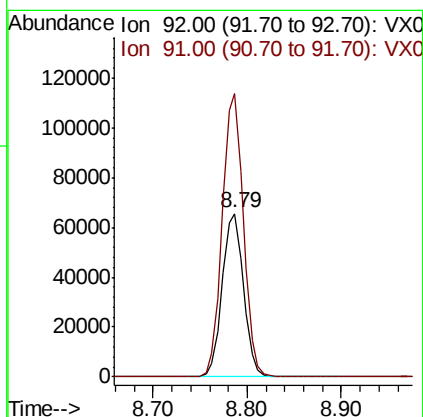
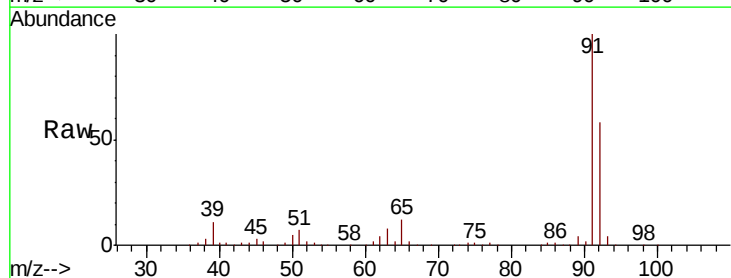
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

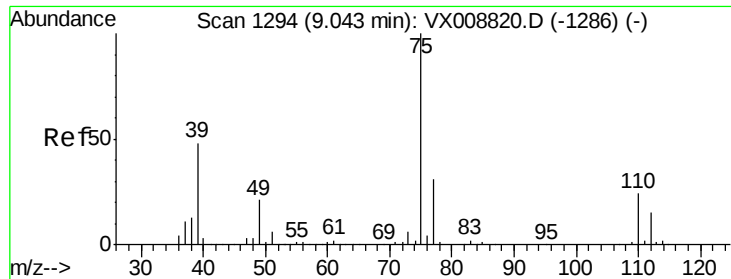
Tot Ion: 43 Resp: 425492
Ion Ratio Lower Upper
43 100
58 36.7 29.5 44.3



#52
Toluene
Concen: 20.860 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion: 92 Resp: 102730
Ion Ratio Lower Upper
92 100
91 172.2 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 19.776 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

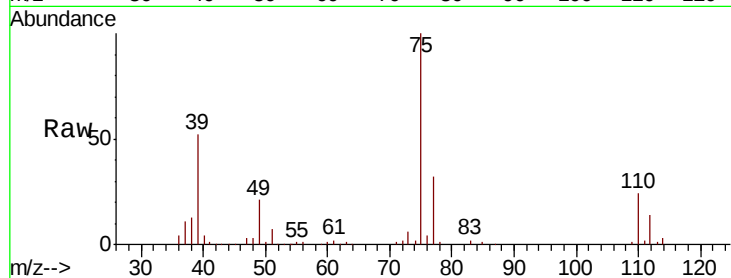
VX0412WBS02

Tot Ion: 75 Resp: 57759

Ion Ratio Lower Upper

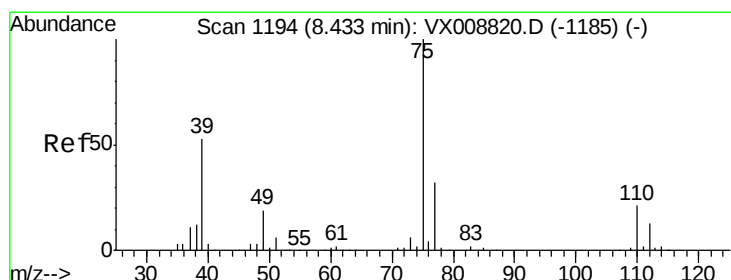
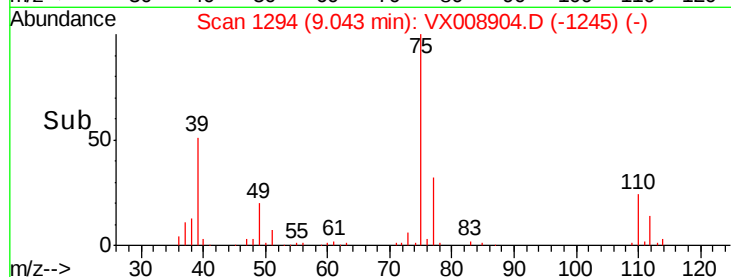
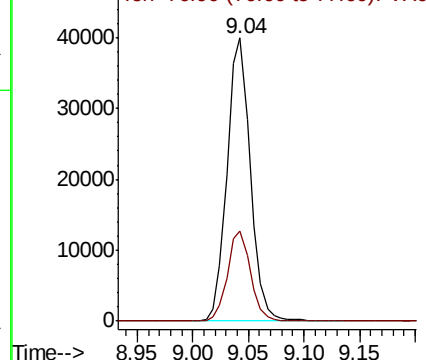
75 100

77 31.9 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: 19.642 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

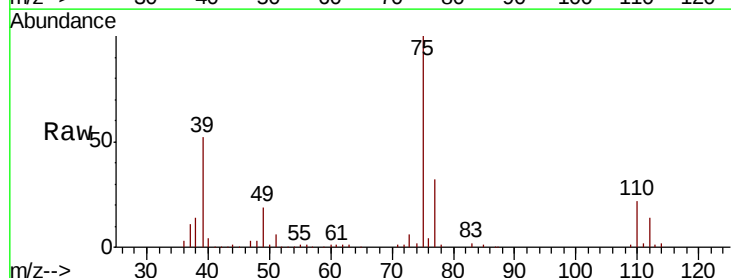
Tgt Ion: 75 Resp: 65548

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

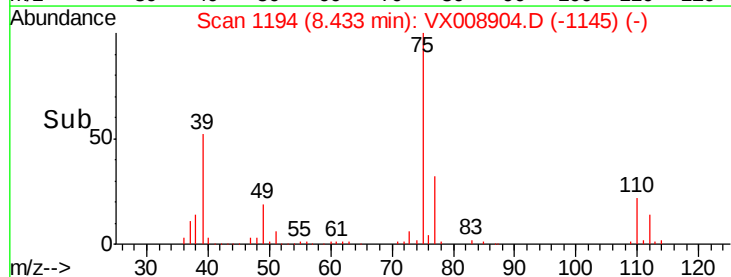
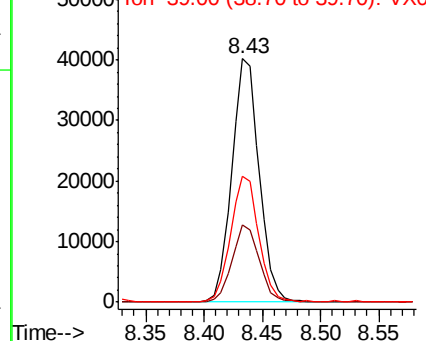
39 51.5 42.6 63.8

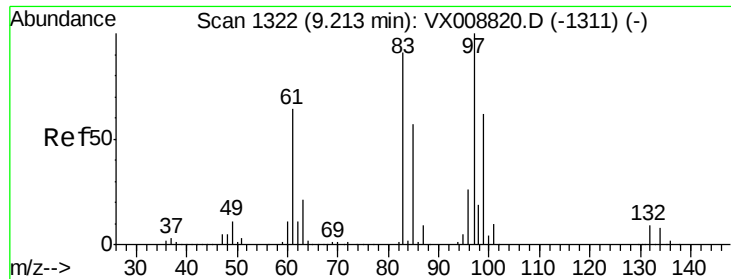


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

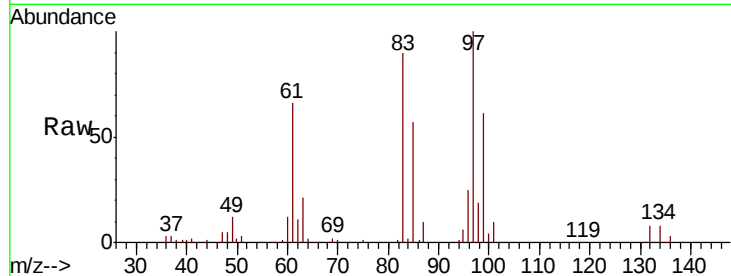




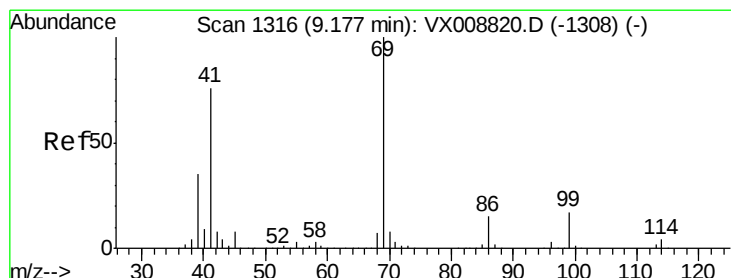
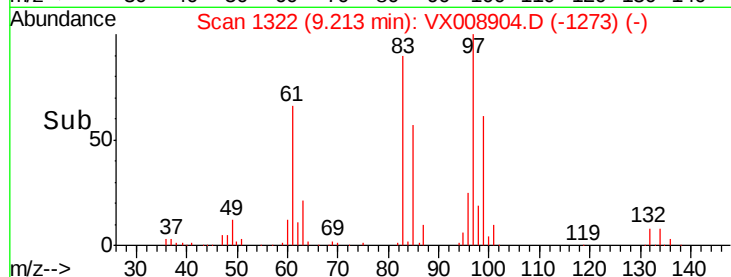
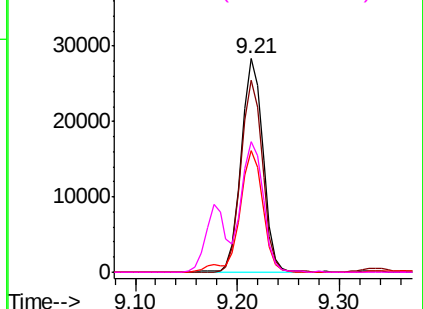
#55
 1,1,2-Trichloroethane
 Concen: 21.254 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tot Ion:	97	Resp:	42015
Ion	Ratio	Lower	Upper
97	100		
83	89.9	73.2	109.8
85	56.7	46.6	69.8
99	61.1	50.1	75.1

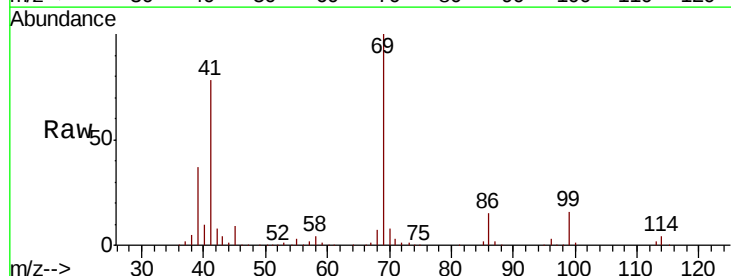


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

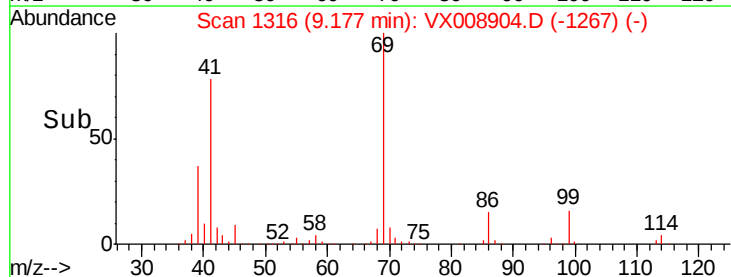
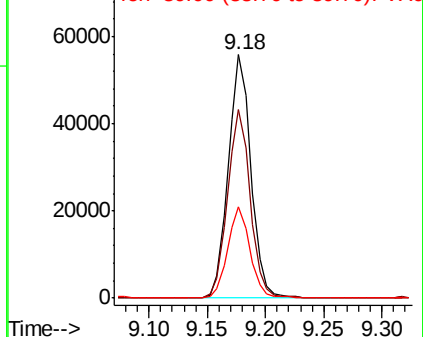


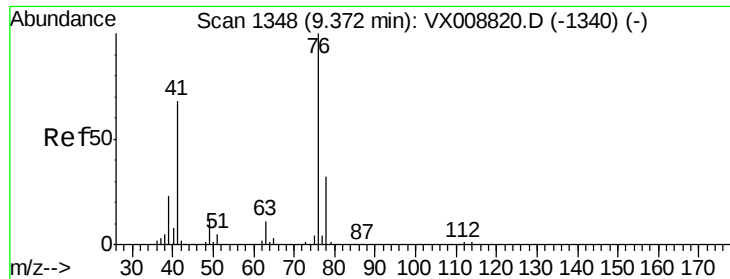
#56
 Ethyl methacrylate
 Concen: 21.108 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion:	69	Resp:	75497
Ion	Ratio	Lower	Upper
69	100		
41	77.0	60.1	90.1
39	36.5	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: 20.670 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

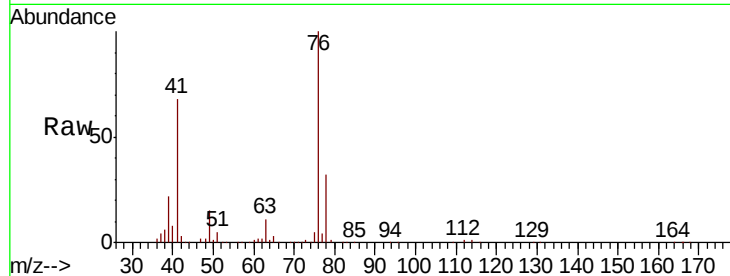
VX0412WBS02

Tot Ion: 76 Resp: 73371

Ion Ratio Lower Upper

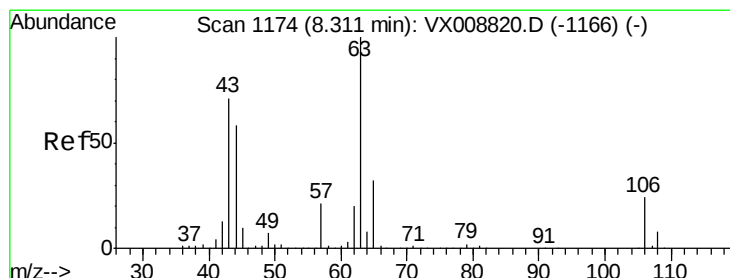
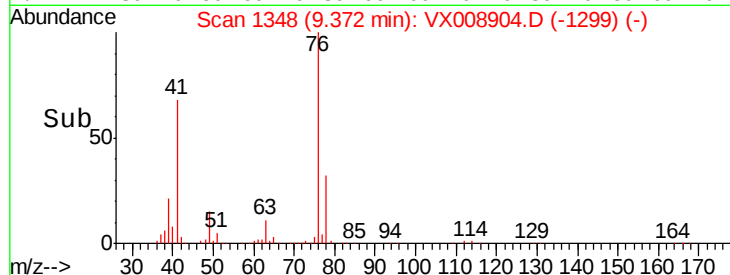
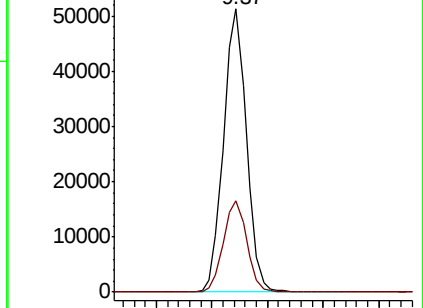
76 100

78 32.9 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: 103.521 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008904.D

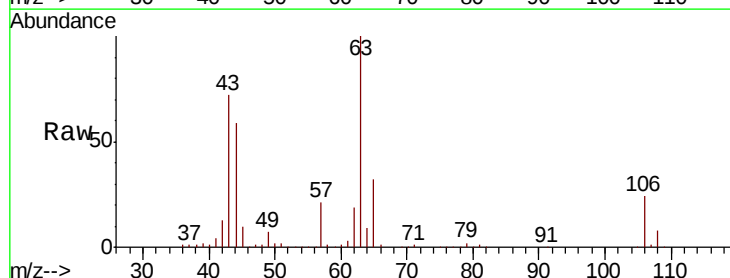
Acq: 12 Apr 2019 22:55

Tgt Ion: 63 Resp: 189062

Ion Ratio Lower Upper

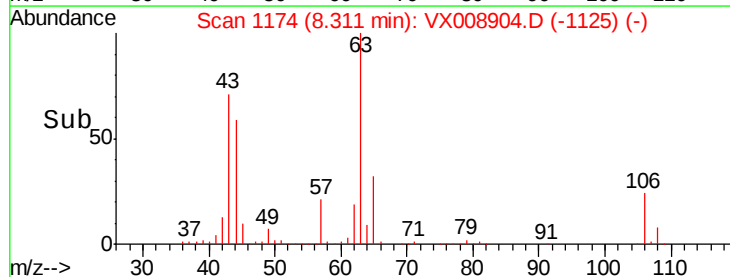
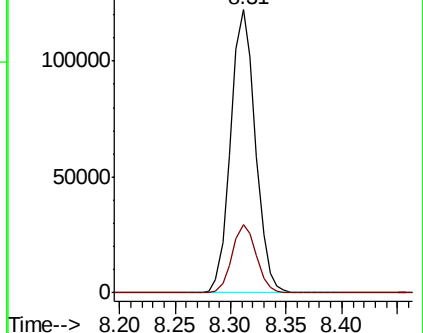
63 100

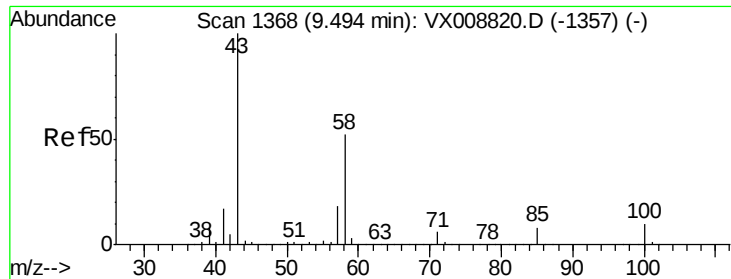
106 23.9 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

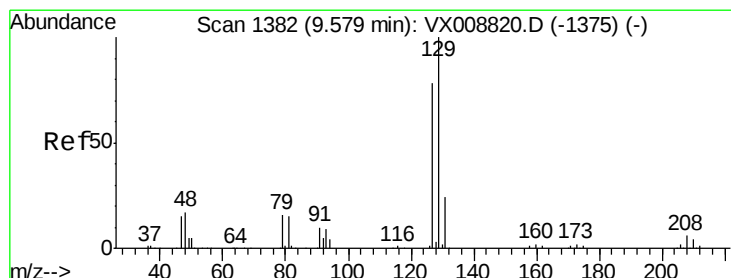
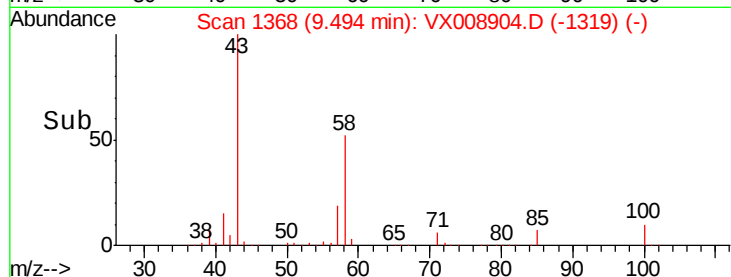
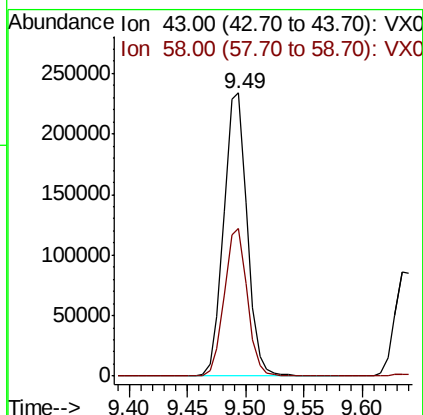
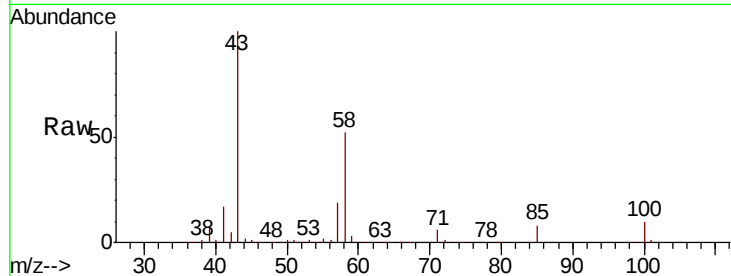




#59
2-Hexanone
Concen: 110.599 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

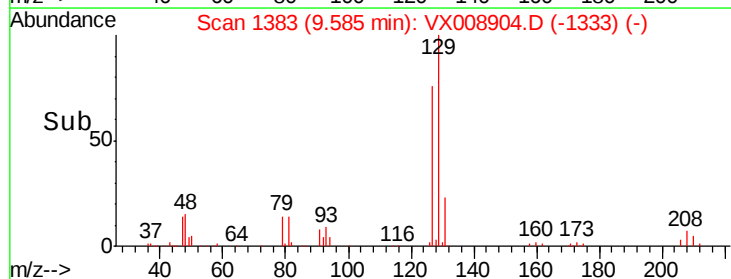
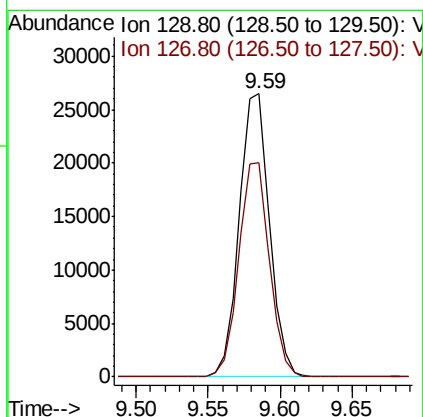
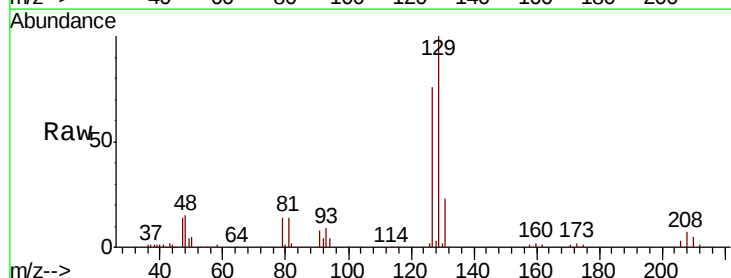
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

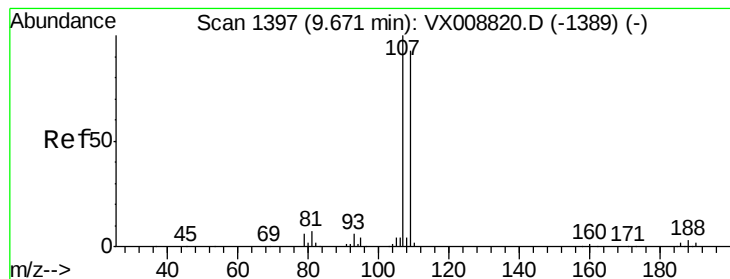
Tot Ion: 43 Resp: 324396
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7



#60
Dibromochloromethane
Concen: 20.722 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion:129 Resp: 38600
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.513 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

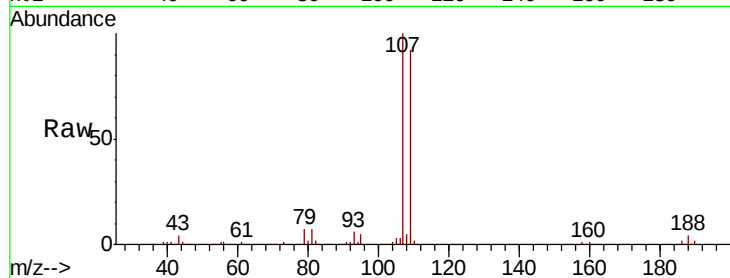
VX0412WBS02

Tot Ion: 107 Resp: 42214

Ion Ratio Lower Upper

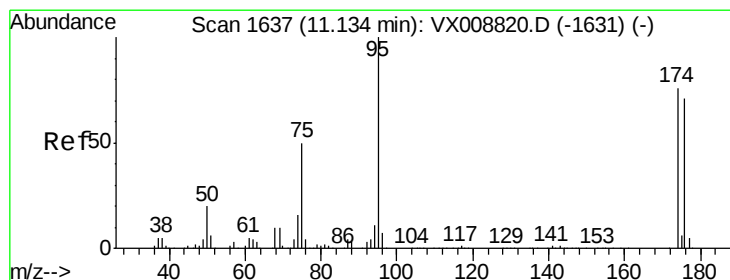
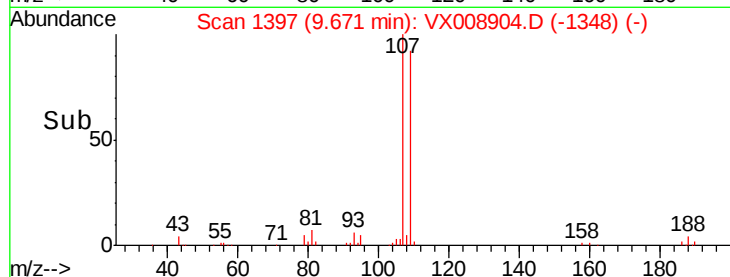
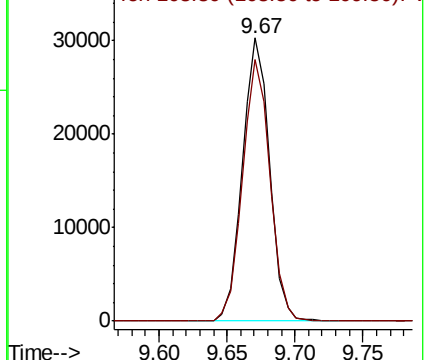
107 100

109 94.0 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.385 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

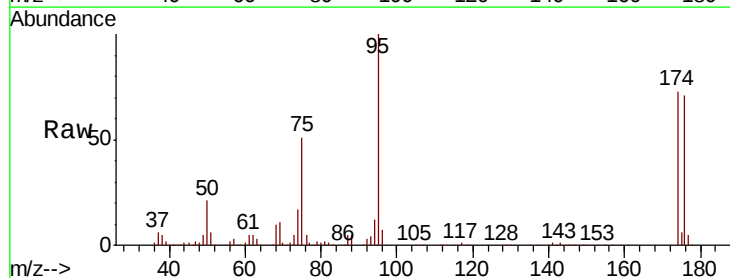
Tgt Ion: 95 Resp: 116677

Ion Ratio Lower Upper

95 100

174 79.2 0.0 151.8

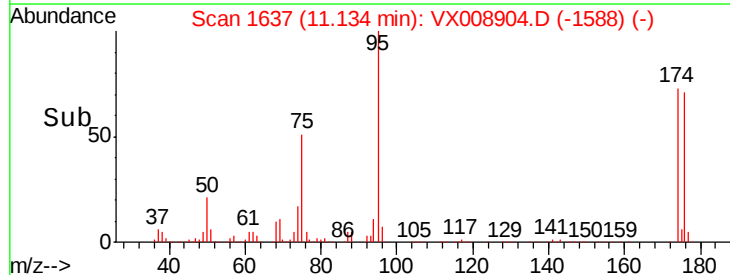
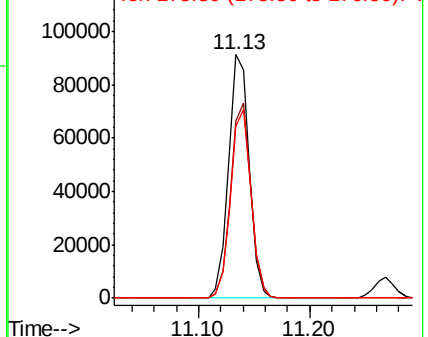
176 77.0 0.0 145.8

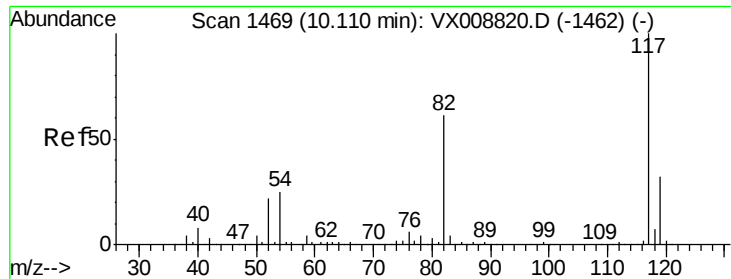


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

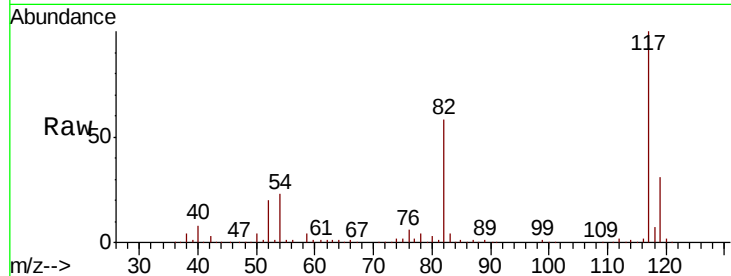




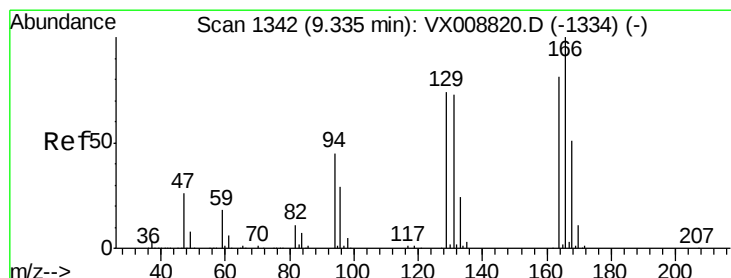
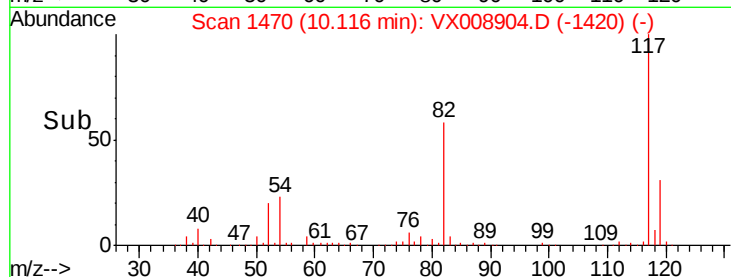
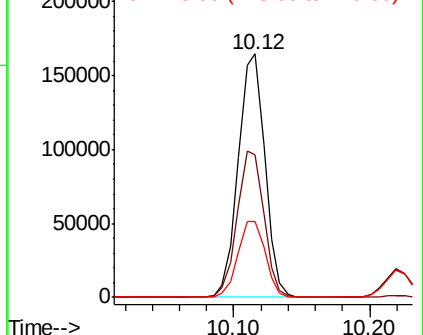
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tot Ion:117 Resp: 225216
Ion Ratio Lower Upper
117 100
82 58.5 49.6 74.4
119 31.4 25.0 37.4



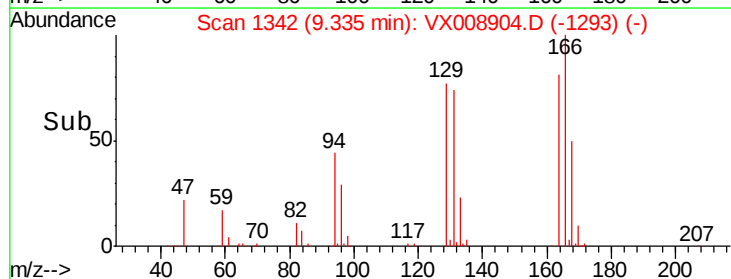
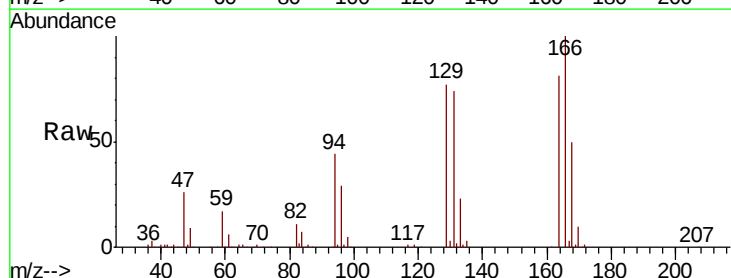
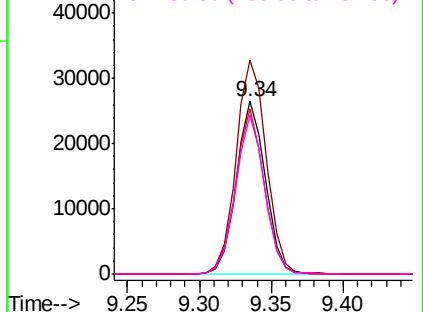
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

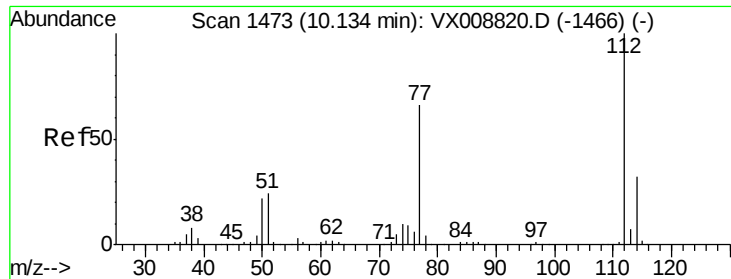


#64
Tetrachloroethene
Concen: 22.179 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion:164 Resp: 37009
Ion Ratio Lower Upper
164 100
166 123.9 101.0 151.6
129 95.6 75.8 113.8
131 91.9 71.8 107.8

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.691 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

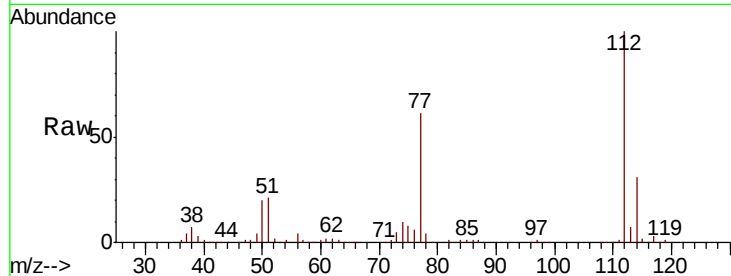
VX0412WBS02

Tot Ion:112 Resp: 103295

Ion Ratio Lower Upper

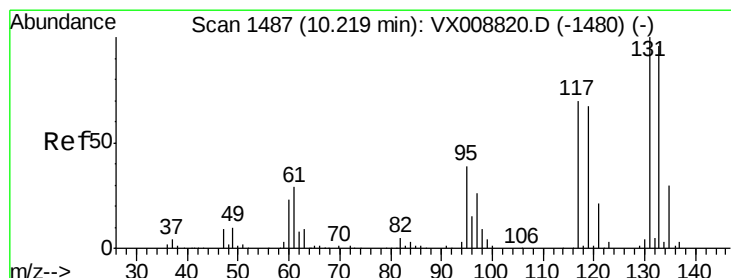
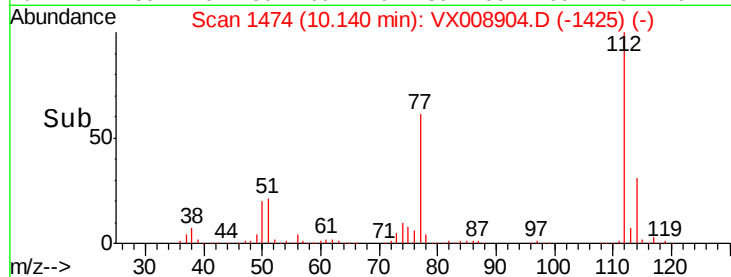
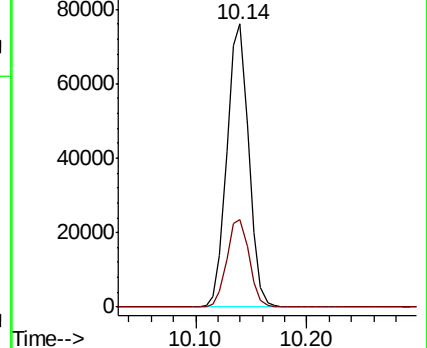
112 100

114 30.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.964 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

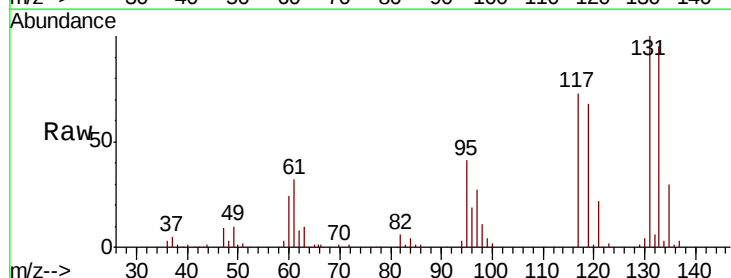
Tgt Ion:131 Resp: 36717

Ion Ratio Lower Upper

131 100

133 94.5 47.0 141.2

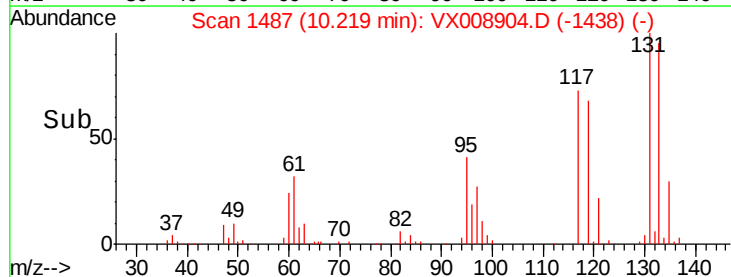
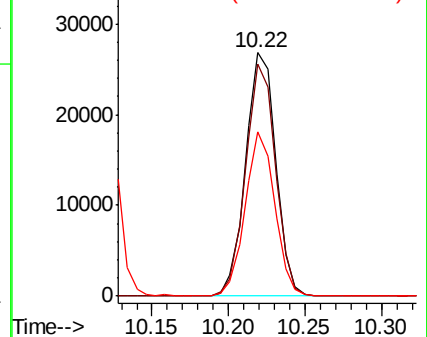
119 66.4 33.7 101.0

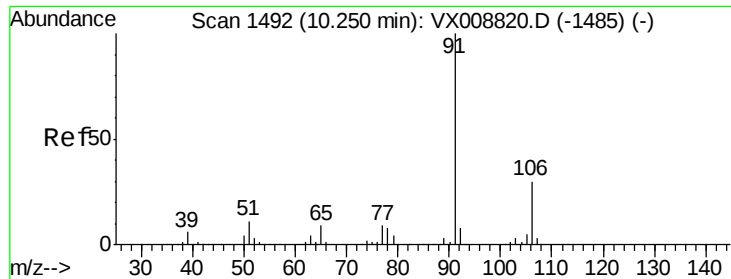


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.346 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

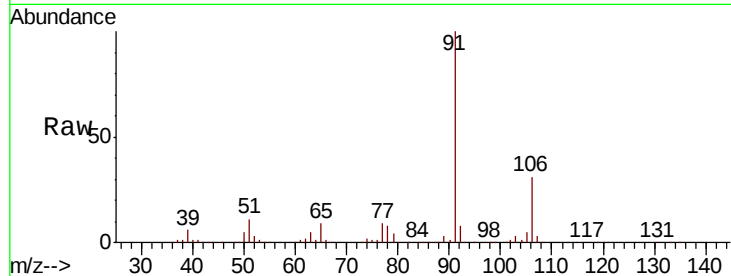
VX0412WBS02

Tot Ion: 91 Resp: 189399

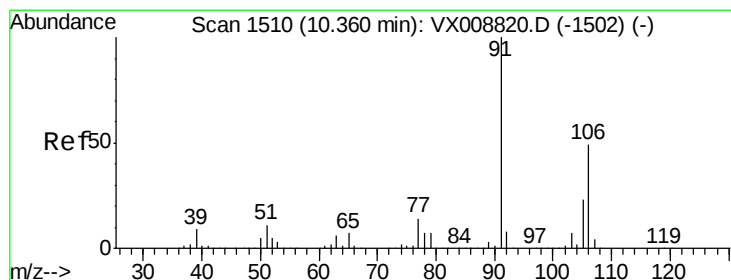
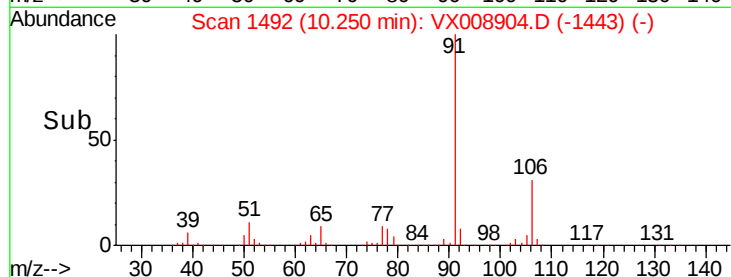
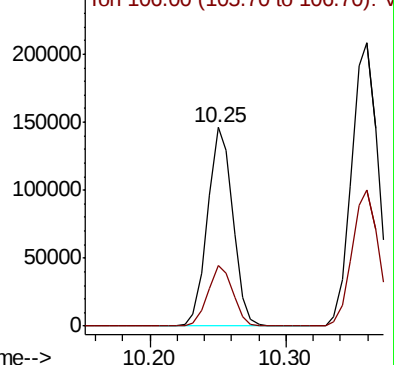
Ion Ratio Lower Upper

91 100

106 30.5 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX008820.D (-1485) (-)



#68

m/p-Xylenes

Concen: 40.581 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008904.D

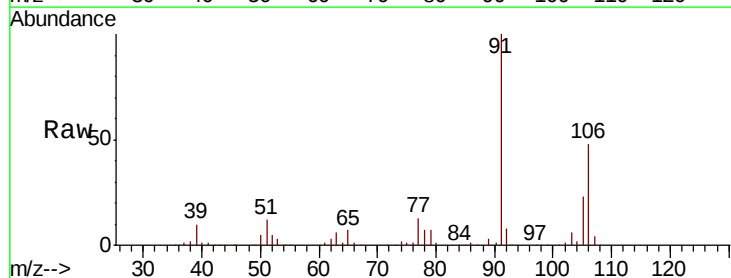
Acq: 12 Apr 2019 22:55

Tgt Ion: 106 Resp: 135830

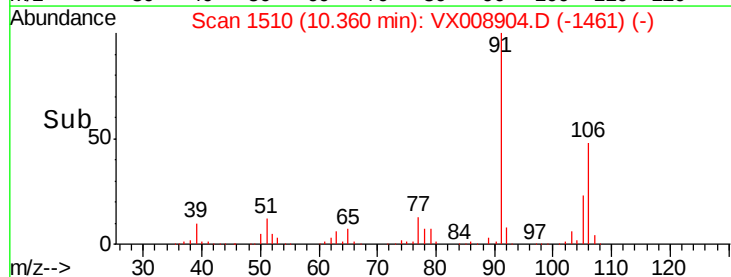
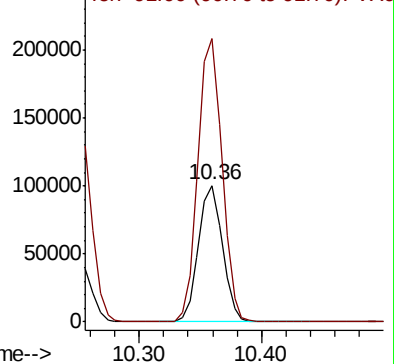
Ion Ratio Lower Upper

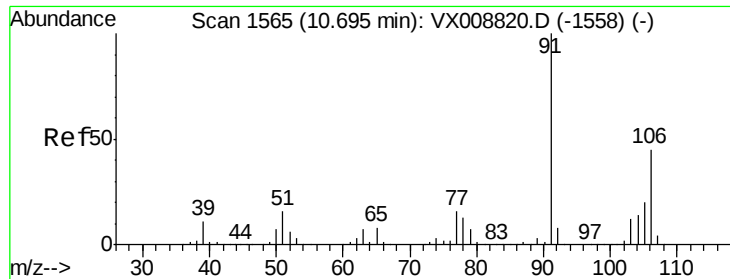
106 100

91 209.7 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): VX008820.D (-1502) (-)

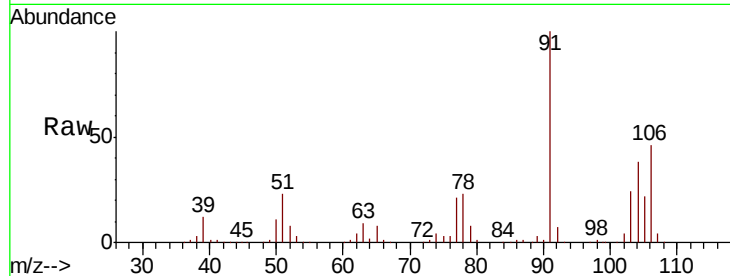




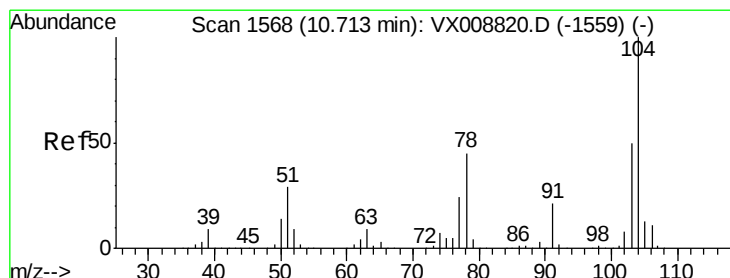
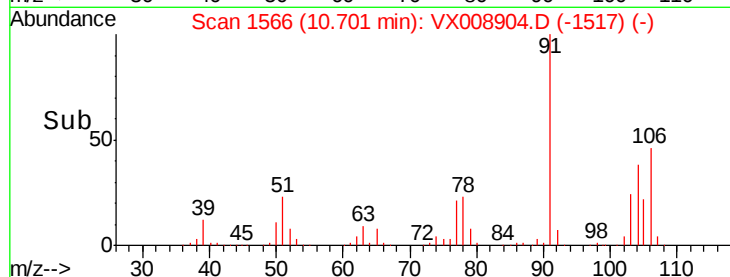
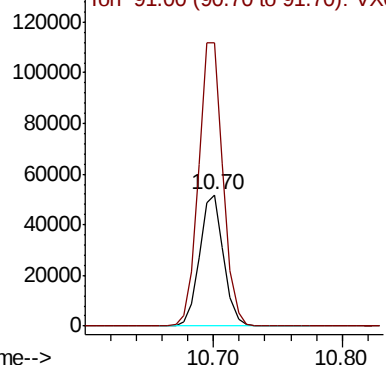
#69
o-Xylene
Concen: 20.777 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tot Ion:106 Resp: 67394
Ion Ratio Lower Upper
106 100
91 221.1 111.5 334.4

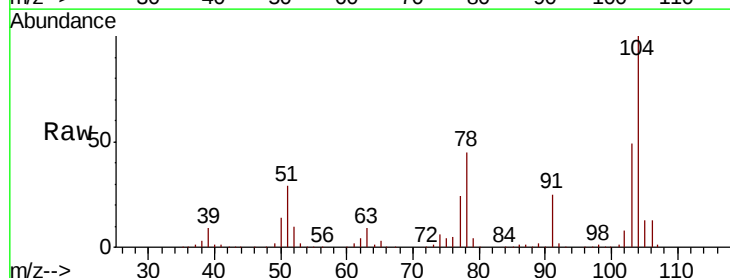


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

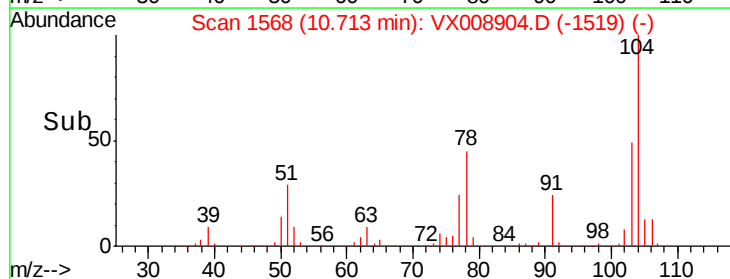
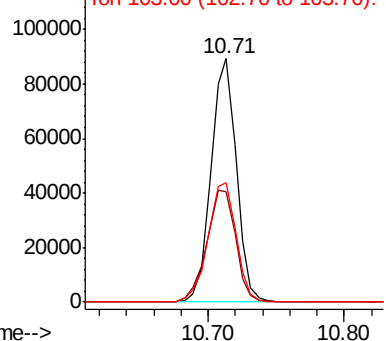


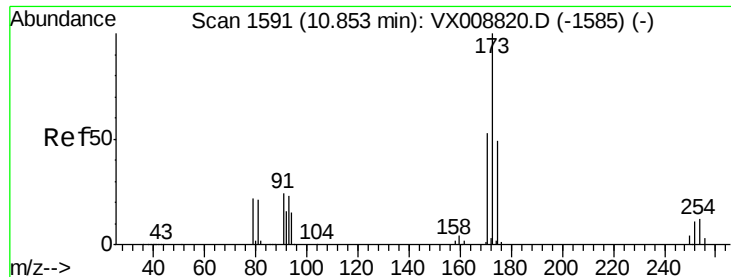
#70
Styrene
Concen: 20.706 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion:104 Resp: 115773
Ion Ratio Lower Upper
104 100
78 52.6 42.3 63.5
103 55.0 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: 21.149 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

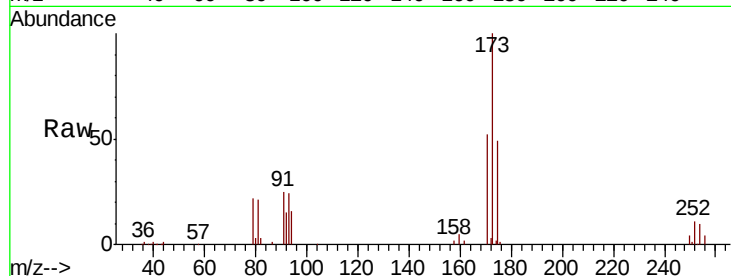
Tot Ion:173 Resp: 28289

Ion Ratio Lower Upper

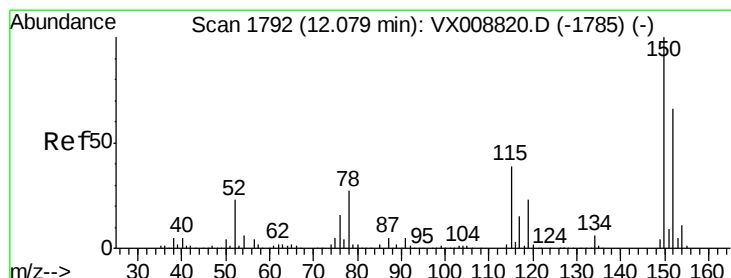
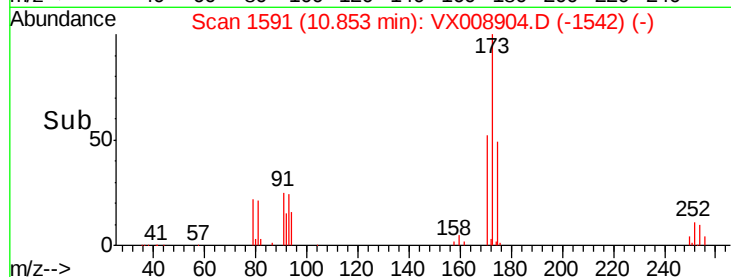
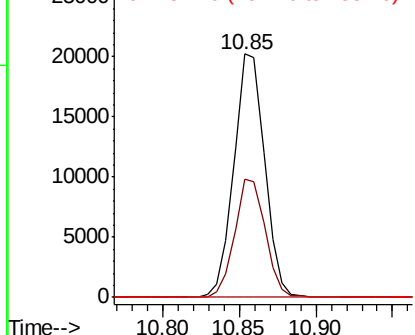
173 100

175 48.2 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: VX008904.D

Acq: 12 Apr 2019 22:55

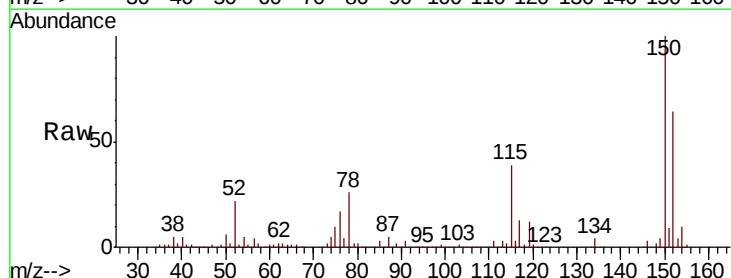
Tgt Ion:152 Resp: 103538

Ion Ratio Lower Upper

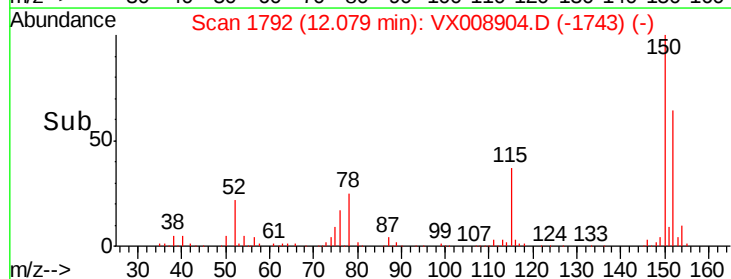
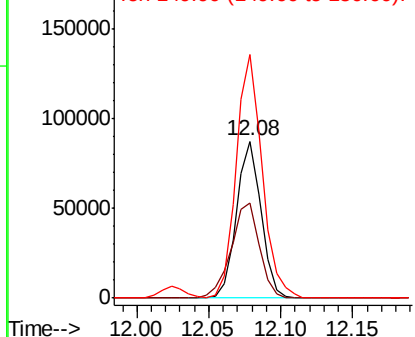
152 100

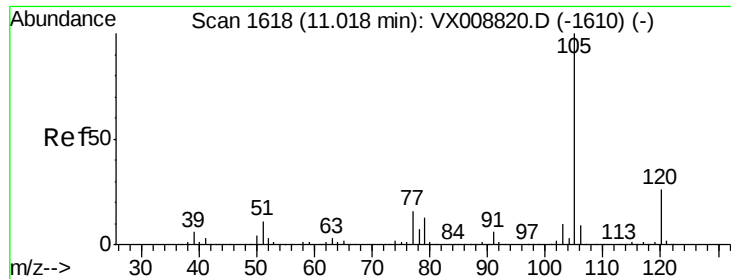
115 70.5 43.5 130.5

150 164.4 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: 20.623 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

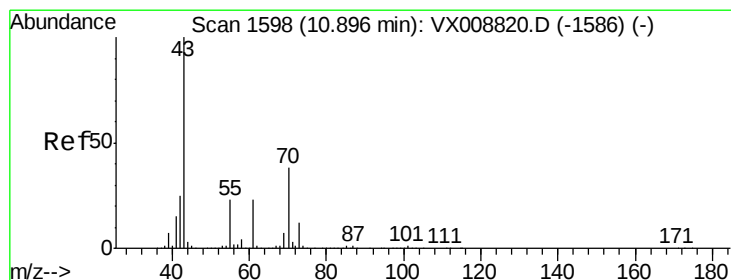
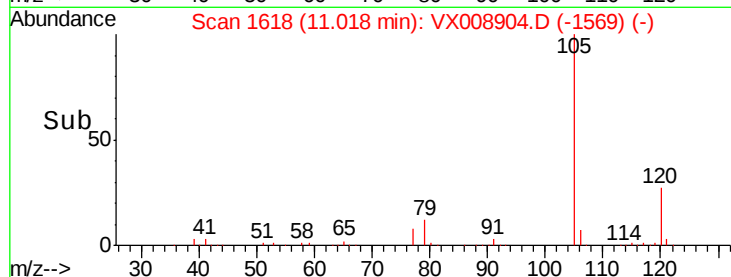
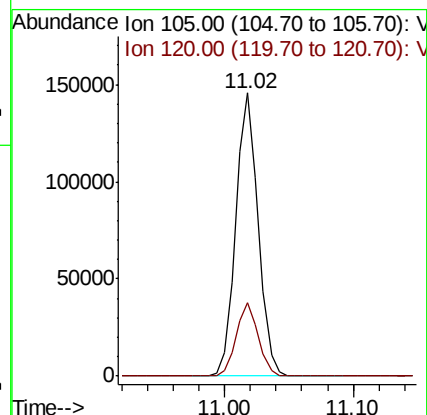
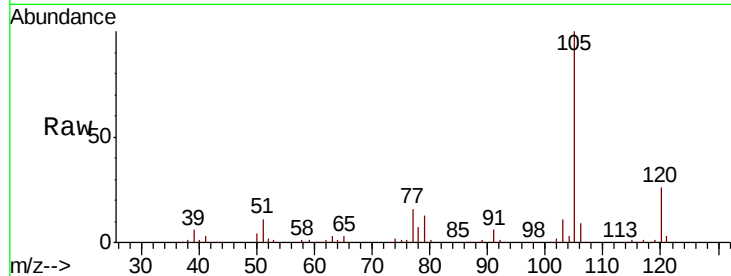
VX0412WBS02

Tot Ion:105 Resp: 176956

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 21.255 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Tgt Ion: 43 Resp: 107302

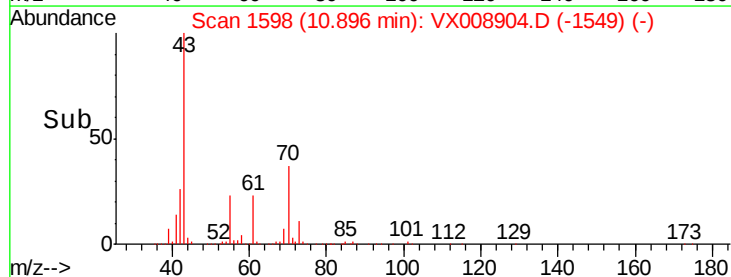
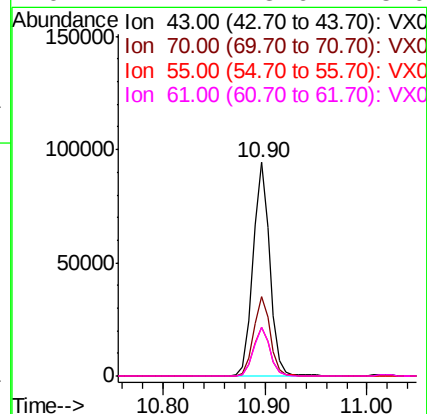
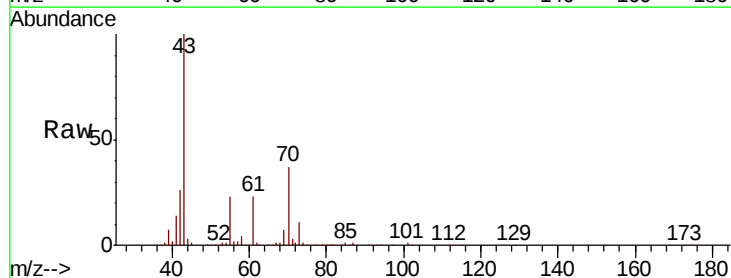
Ion Ratio Lower Upper

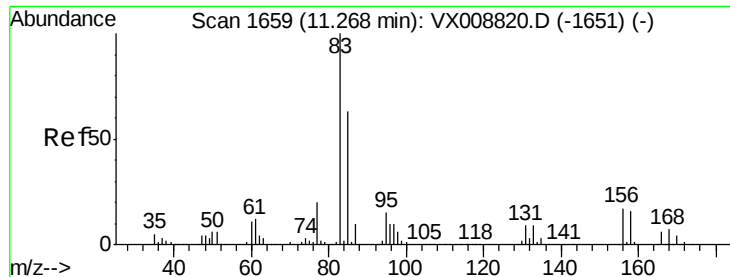
43 100

70 37.5 30.2 45.4

55 22.9 18.2 27.4

61 22.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.959 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

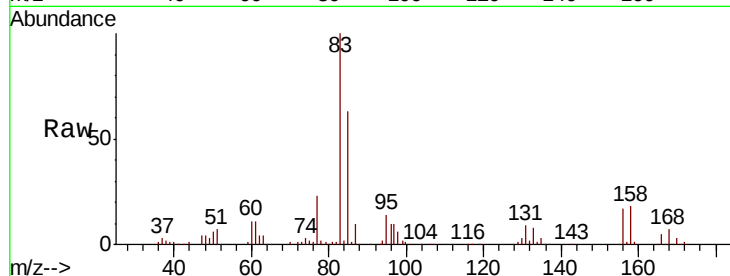
Tot Ion: 83 Resp: 68395

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.7

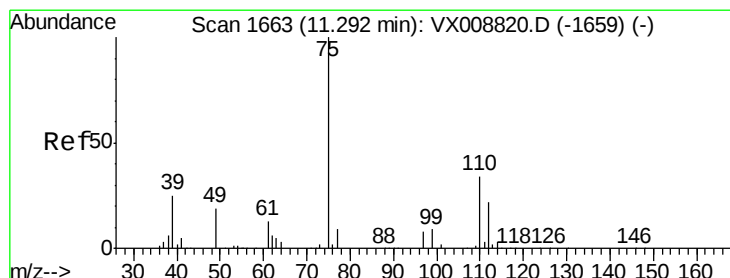
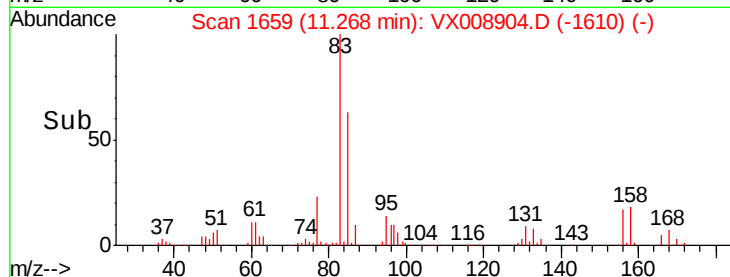
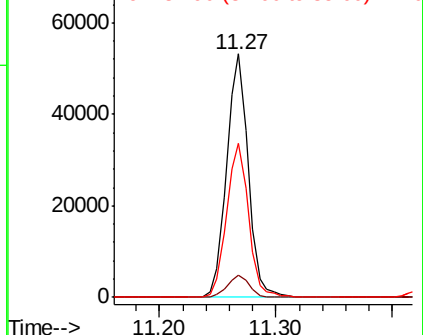
85 64.2 32.0 96.2



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: 27.680 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX008904.D

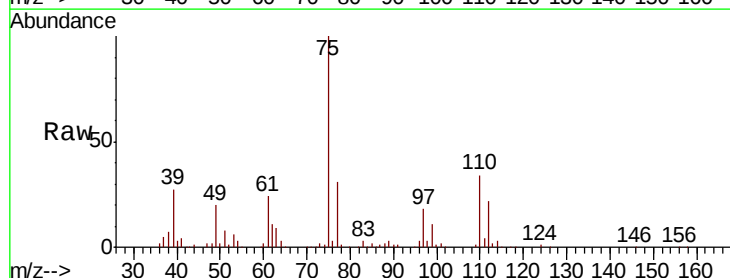
Acq: 12 Apr 2019 22:55

Tgt Ion: 75 Resp: 78731

Ion Ratio Lower Upper

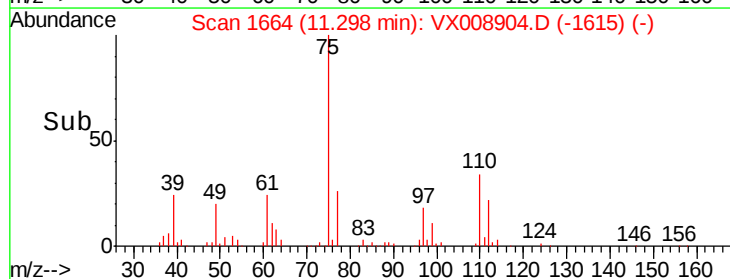
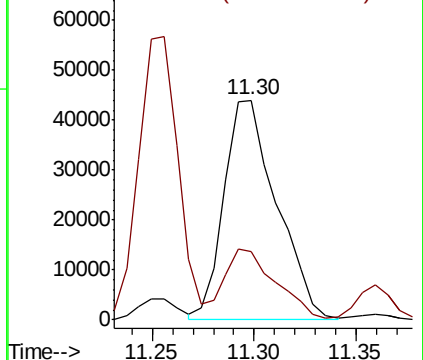
75 100

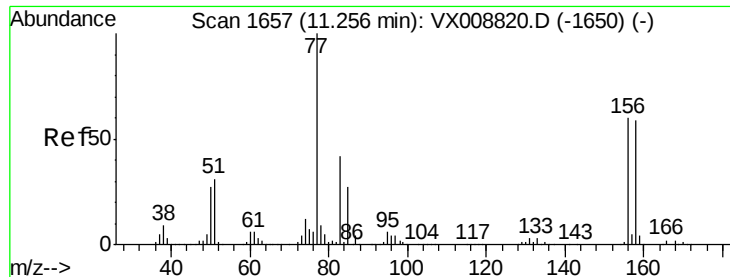
77 32.0 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.918 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

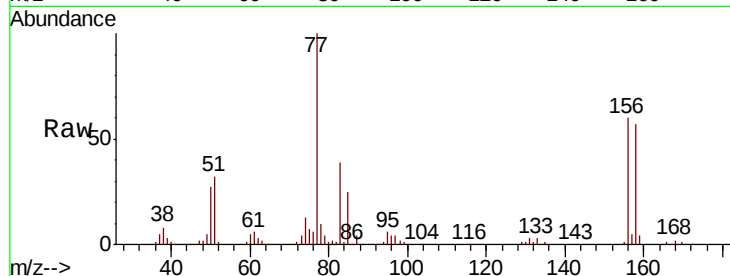
Tot Ion:156 Resp: 43149

Ion Ratio Lower Upper

156 100

77 176.3 89.8 269.6

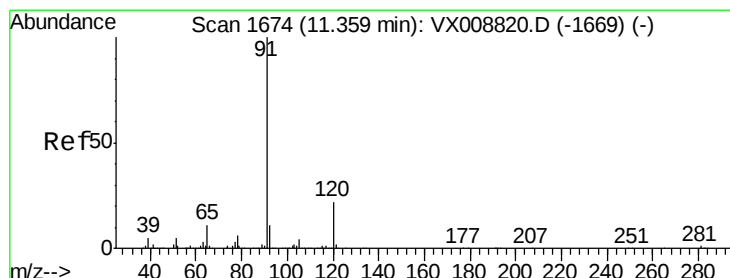
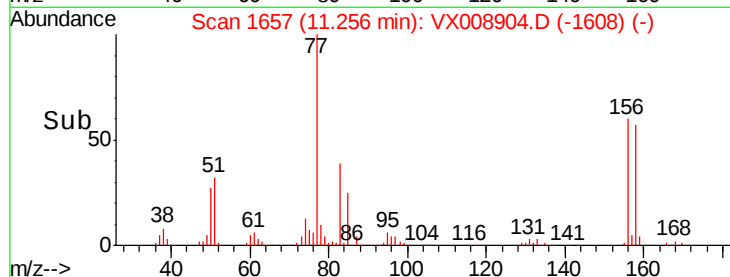
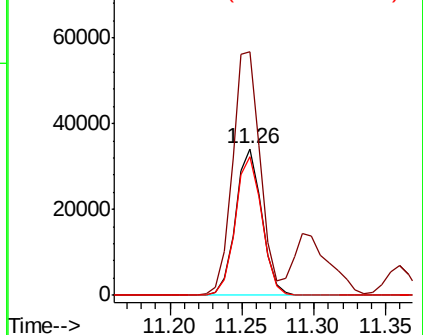
158 96.6 48.6 145.9



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: 20.098 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008904.D

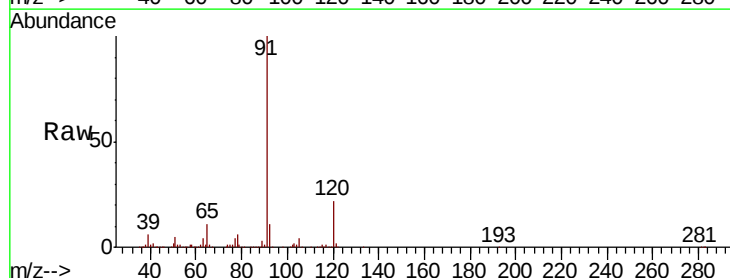
Acq: 12 Apr 2019 22:55

Tgt Ion: 91 Resp: 200792

Ion Ratio Lower Upper

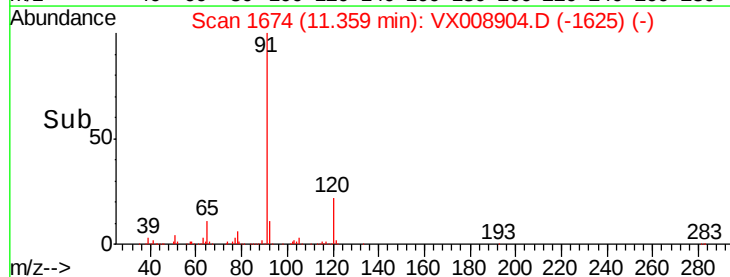
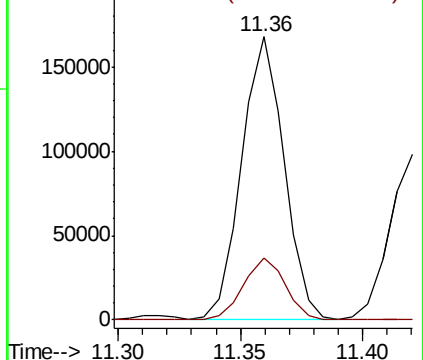
91 100

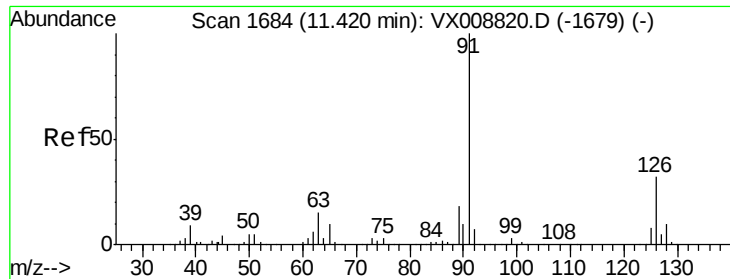
120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

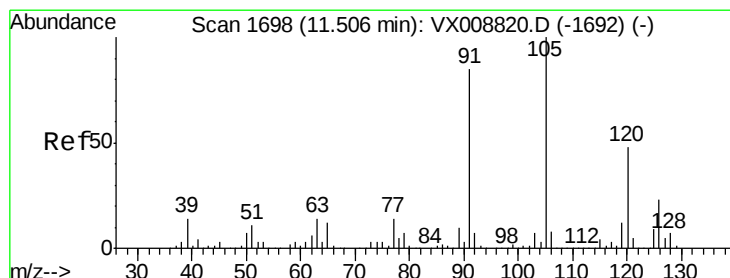
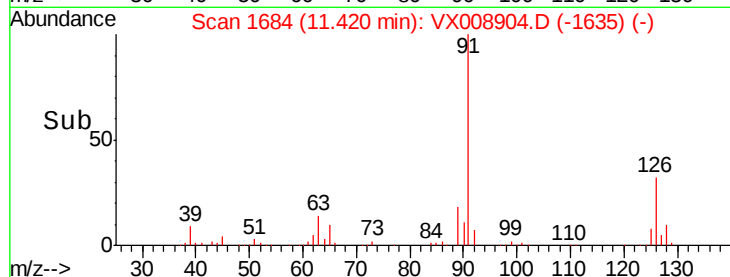
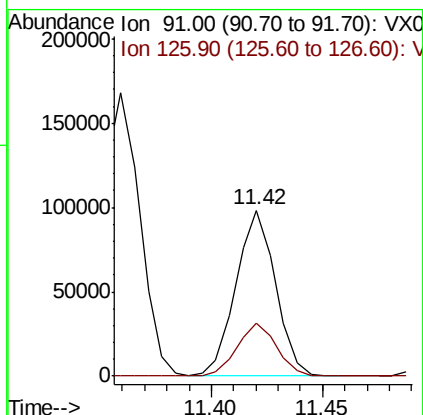
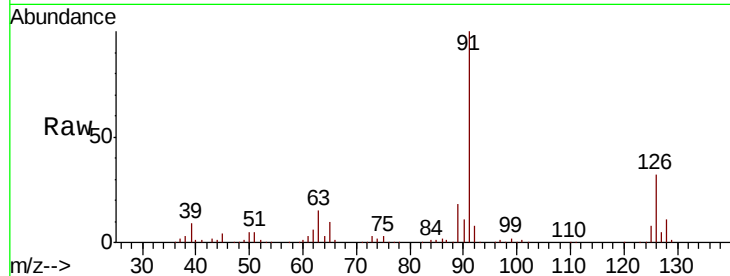




#79
 2-Chlorotoluene
 Concen: 20.114 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

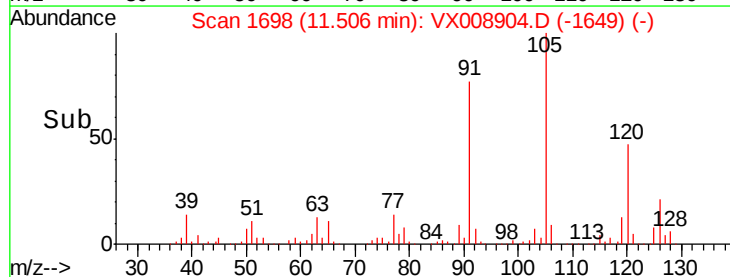
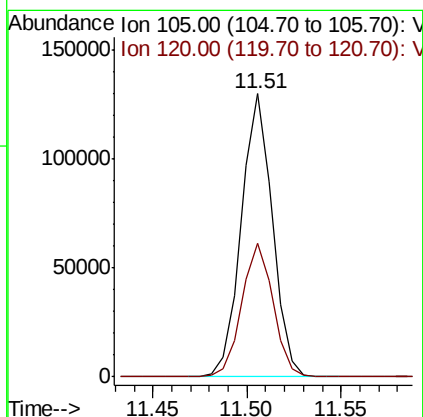
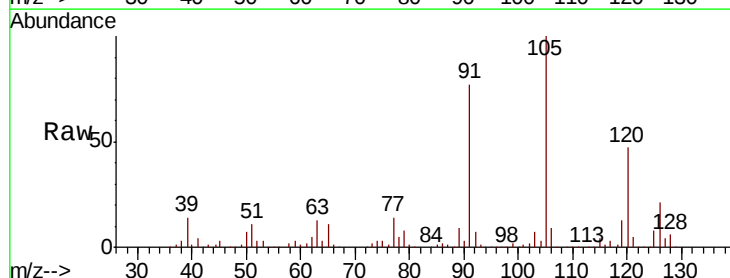
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

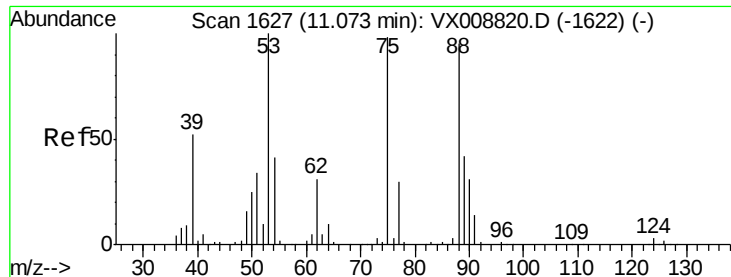
Tot Ion: 91 Resp: 121611
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.613 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion:105 Resp: 148465
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.210 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

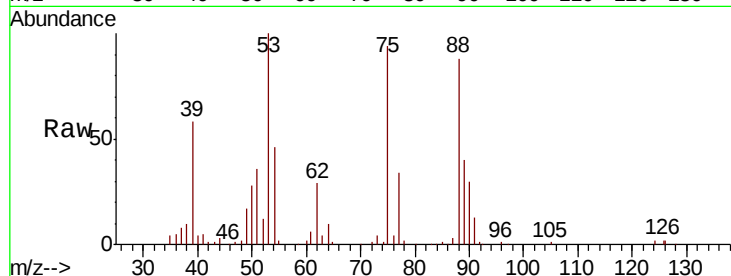
Tot Ion: 75 Resp: 19821

Ion Ratio Lower Upper

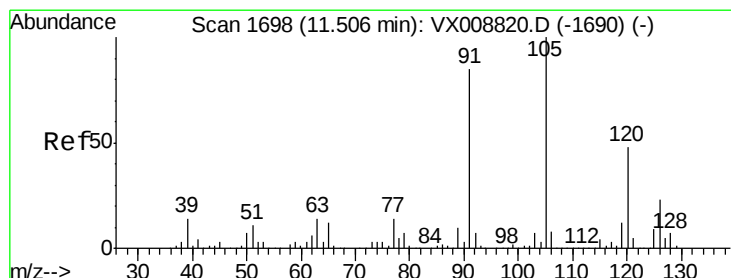
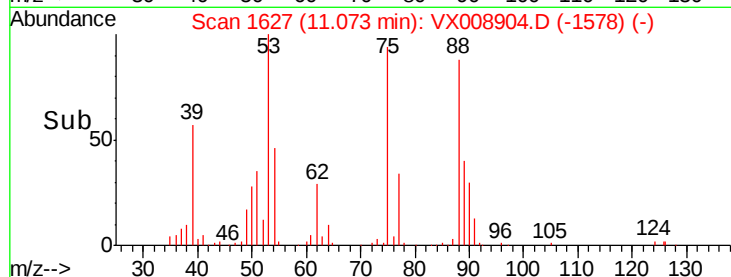
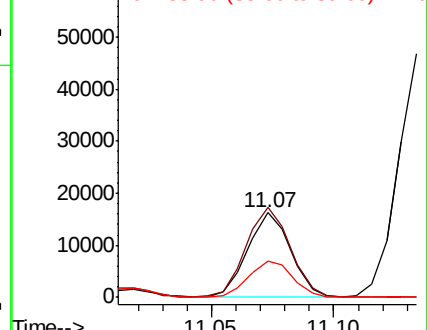
75 100

53 110.3 81.3 121.9

89 43.8 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: 19.784 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008904.D

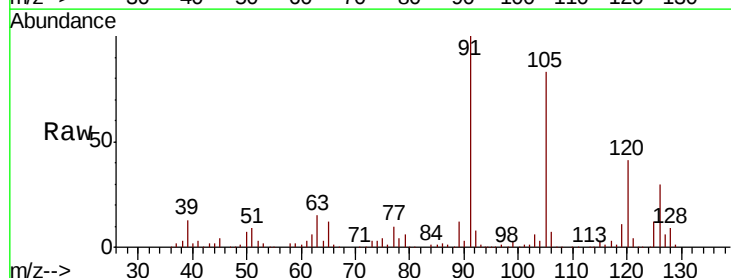
Acq: 12 Apr 2019 22:55

Tgt Ion: 91 Resp: 138460

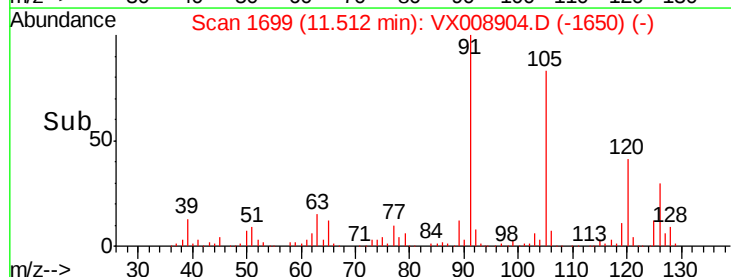
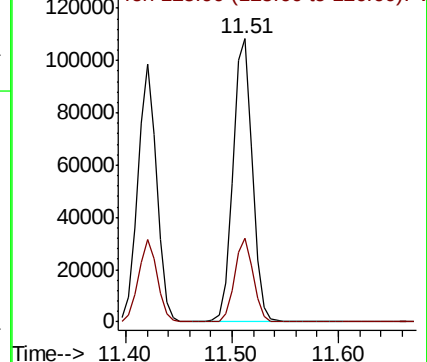
Ion Ratio Lower Upper

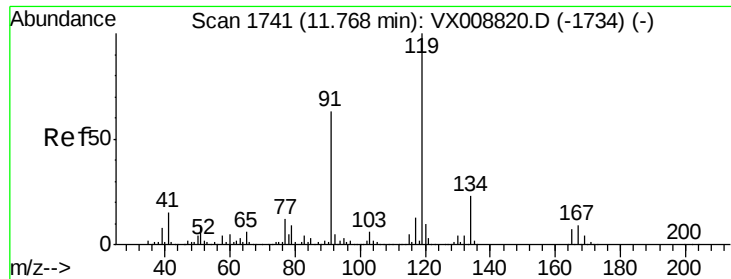
91 100

126 28.5 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

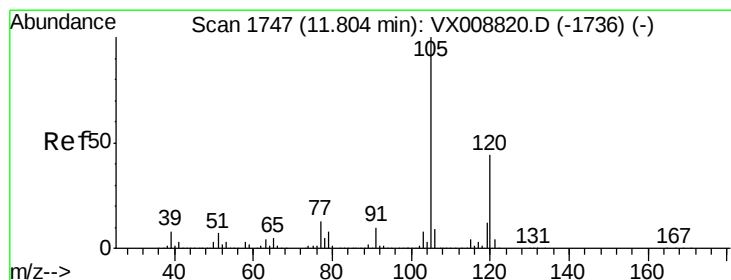
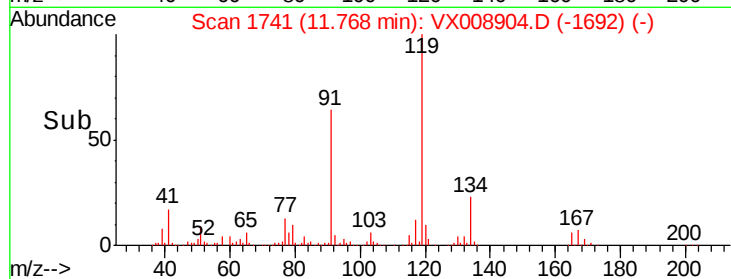
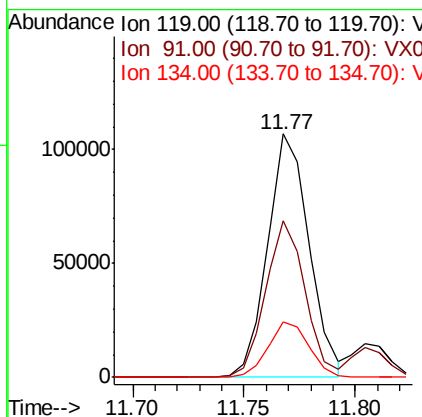
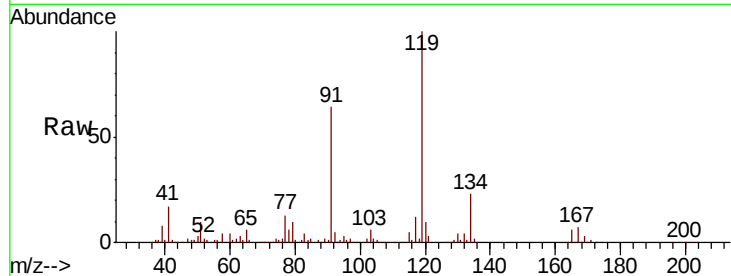




#83
 tert-Butylbenzene
 Concen: 19.932 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

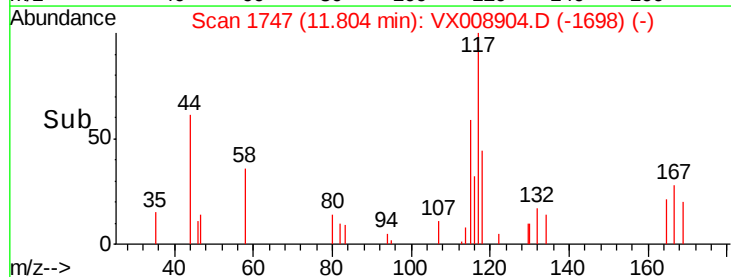
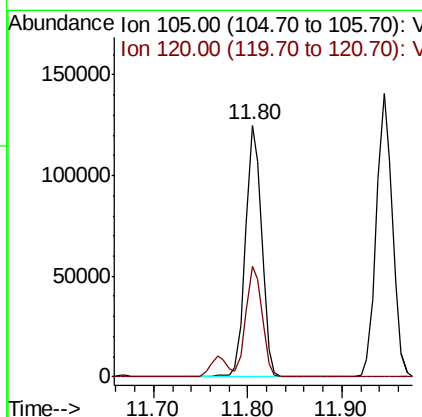
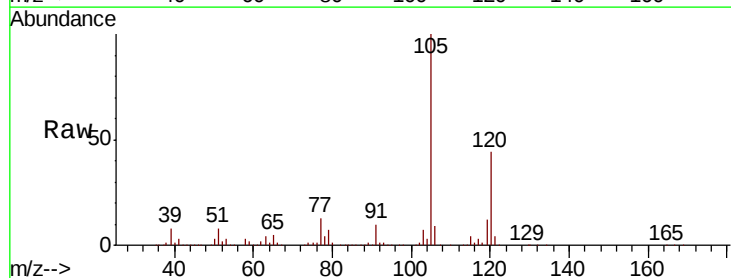
Instrument :
 MSVOA_X
 ClientSampled :
 VX0412WBS02

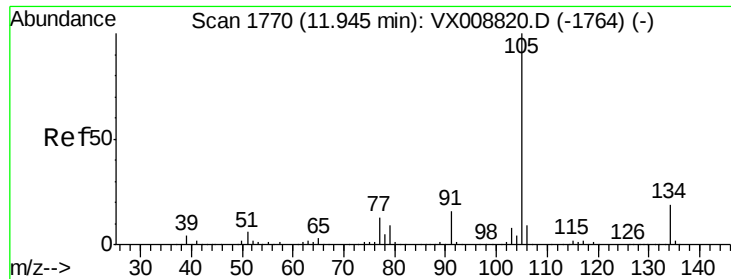
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.3	30.0	90.1
134	22.5	11.1	33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.606 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.8	65.3





#85

sec-Butylbenzene

Concen: 20.228 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

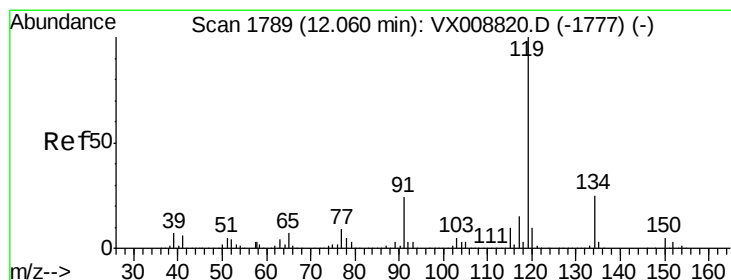
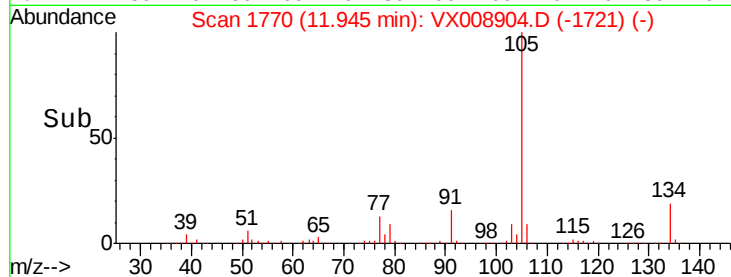
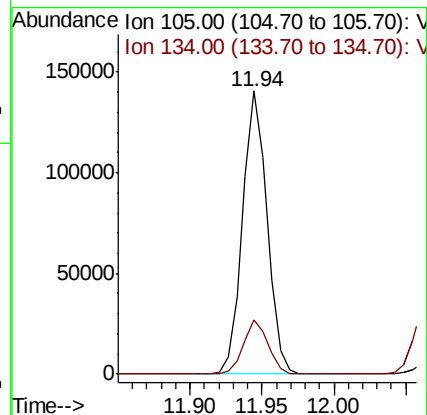
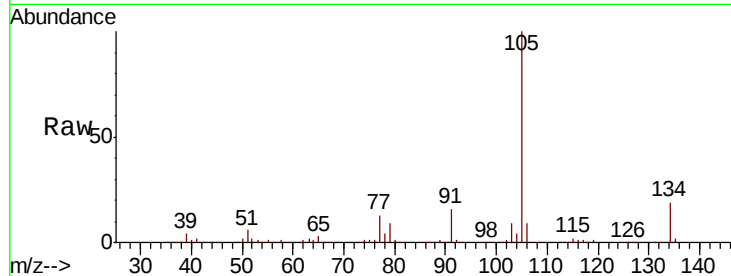
VX0412WBS02

Tot Ion:105 Resp: 166498

Ion Ratio Lower Upper

105 100

134 19.0 9.4 28.2



#86

p-Isopropyltoluene

Concen: 20.424 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

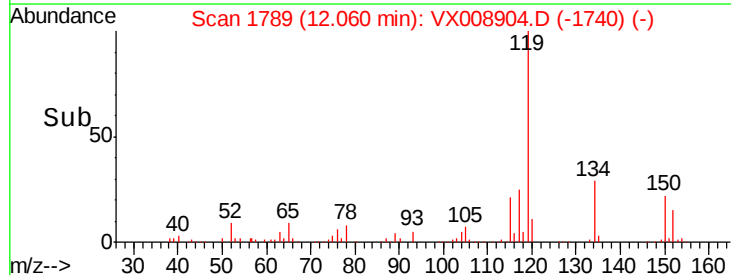
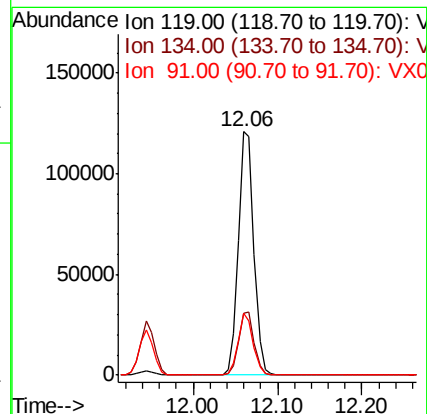
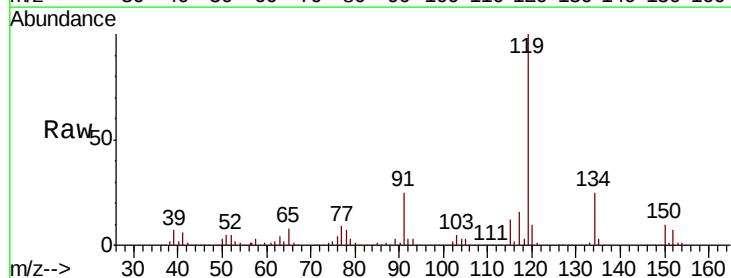
Tgt Ion:119 Resp: 150885

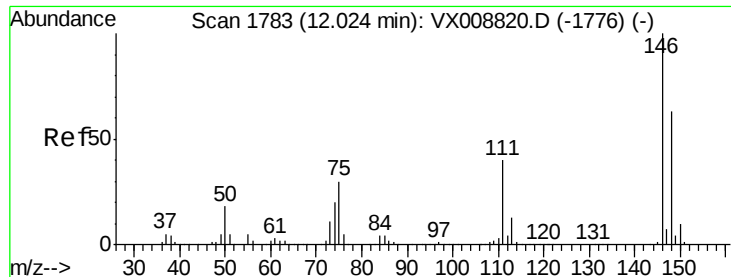
Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 24.4 12.2 36.6

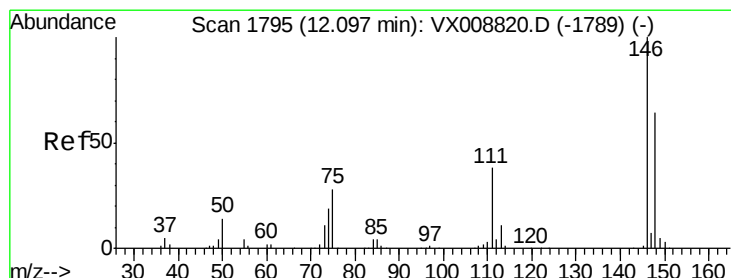
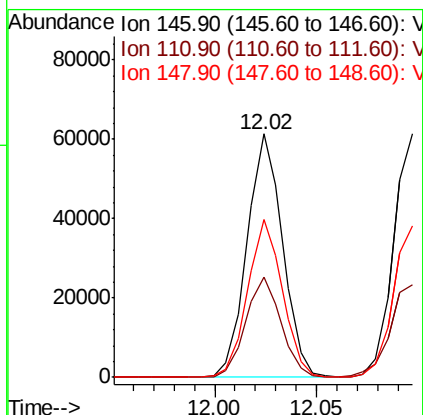
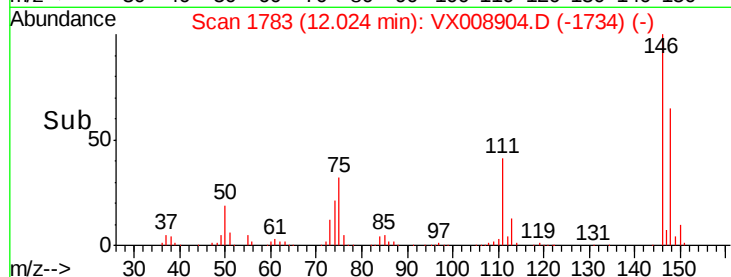
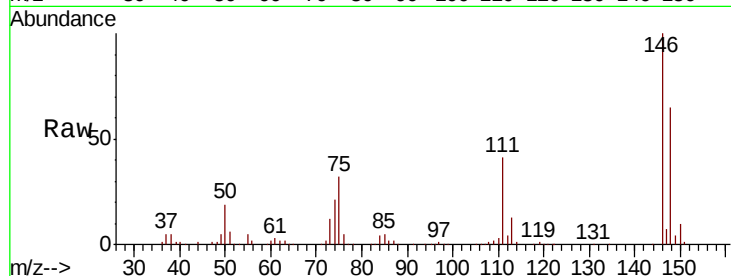




#87
 1,3-Dichlorobenzene
 Concen: 20.100 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

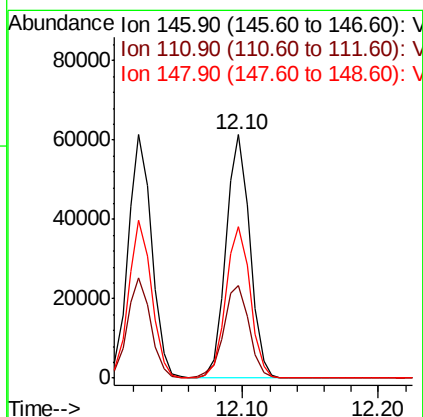
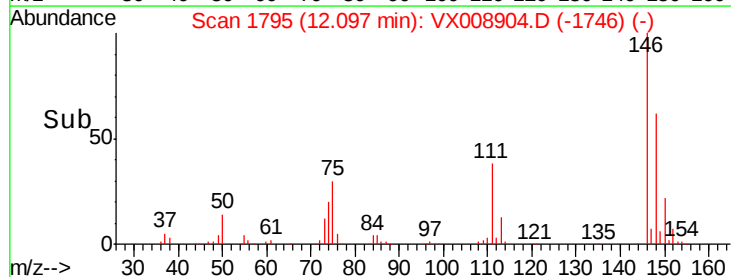
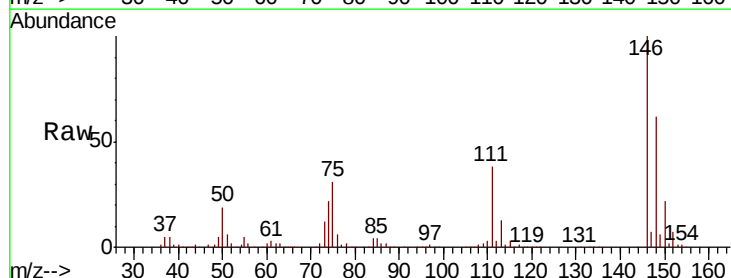
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

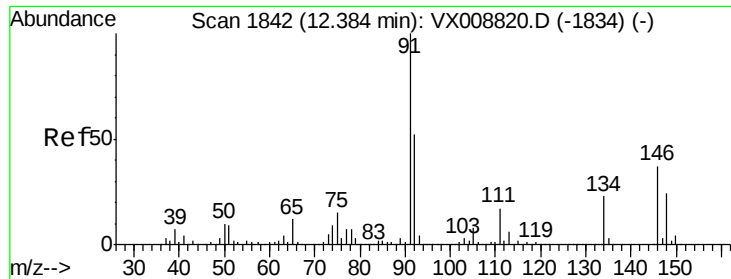
Tot Ion:146 Resp: 74226
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.5
 148 63.4 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 19.946 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion:146 Resp: 74586
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.2 60.6
 148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 19.610 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

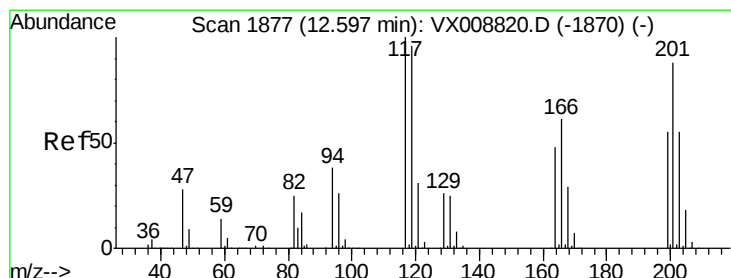
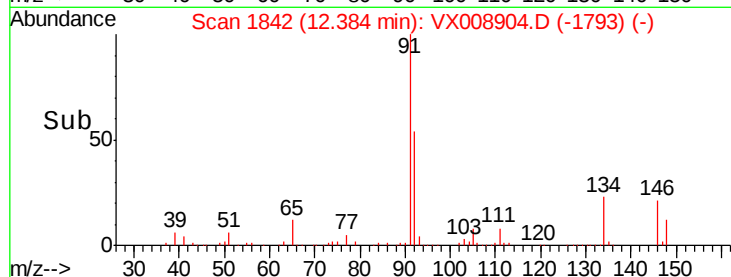
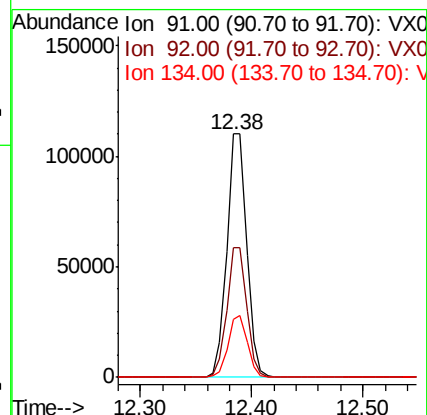
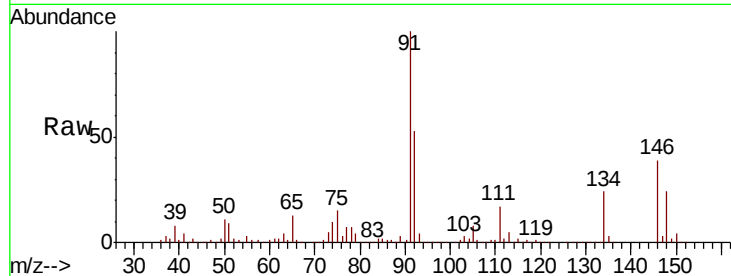
Tot Ion: 91 Resp: 135862

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 24.6 12.0 36.0



#90

Hexachloroethane

Concen: 19.875 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008904.D

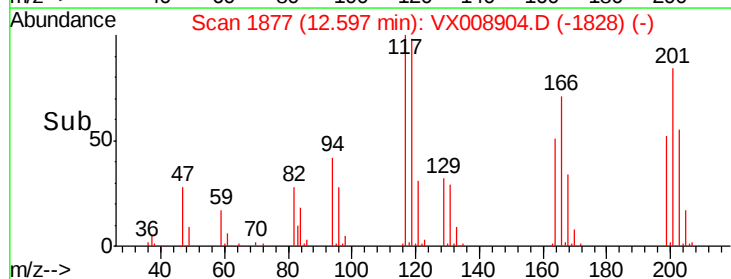
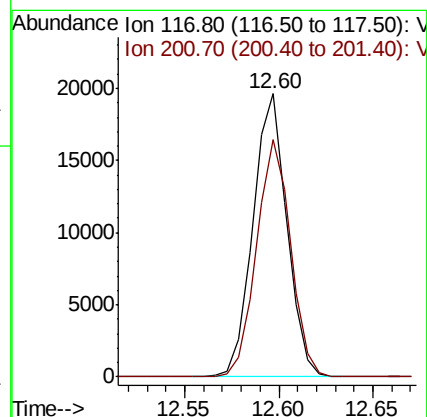
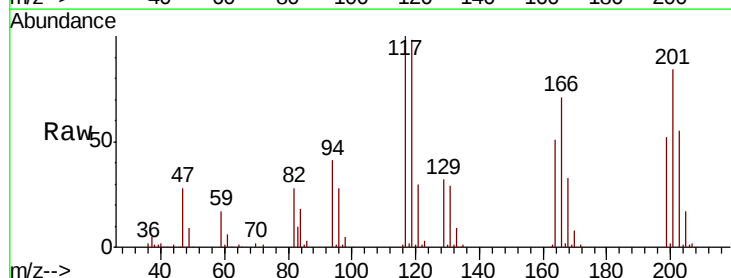
Acq: 12 Apr 2019 22:55

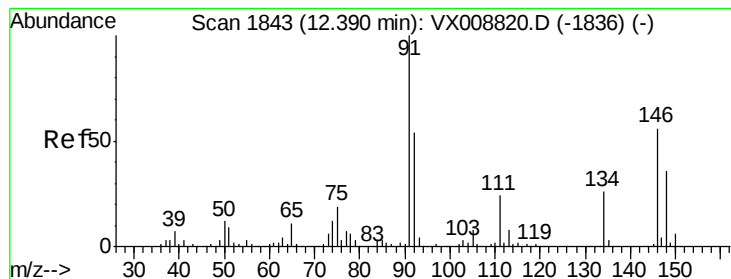
Tgt Ion: 117 Resp: 24353

Ion Ratio Lower Upper

117 100

201 84.6 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 20.484 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

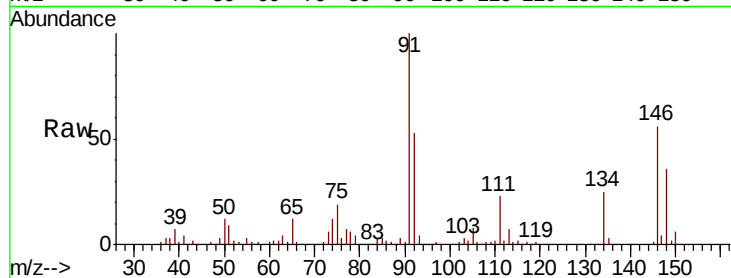
Tot Ion:146 Resp: 75106

Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.9

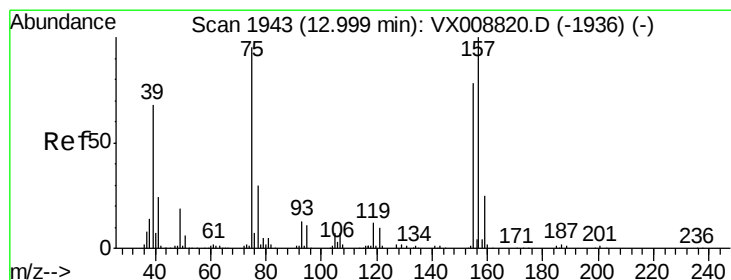
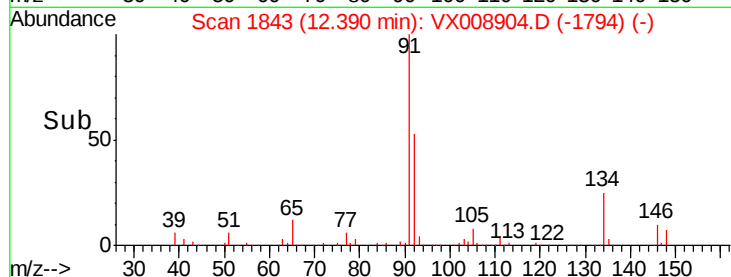
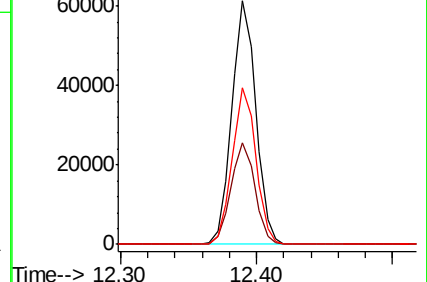
148 63.6 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.172 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

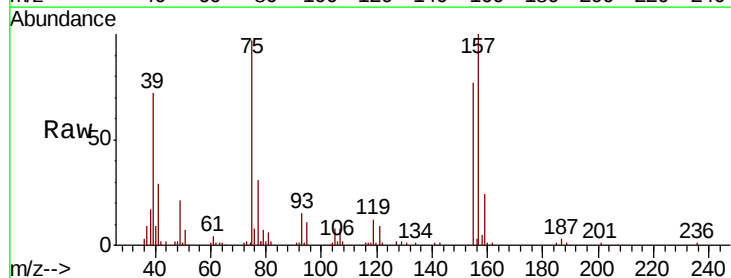
Tgt Ion: 75 Resp: 14481

Ion Ratio Lower Upper

75 100

155 83.2 39.9 119.6

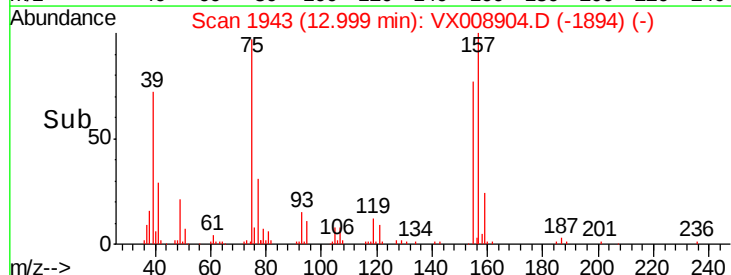
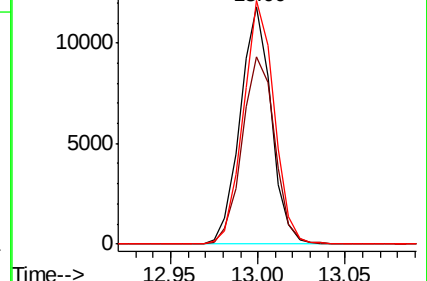
157 102.4 51.5 154.7

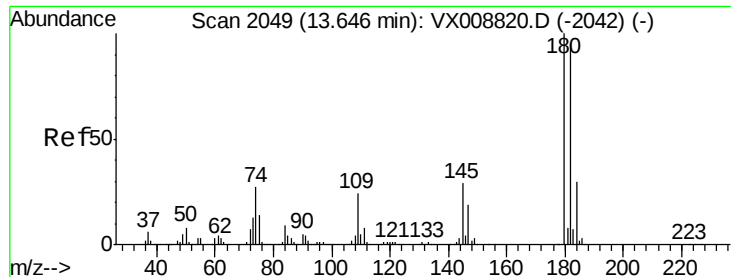


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

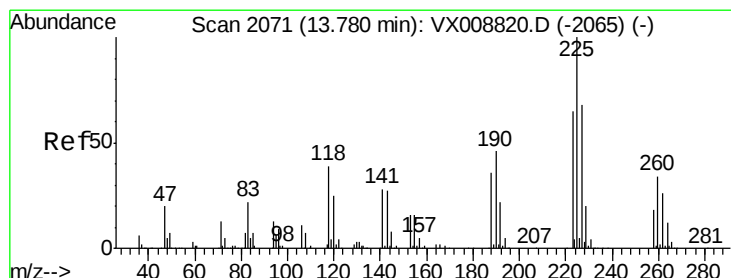
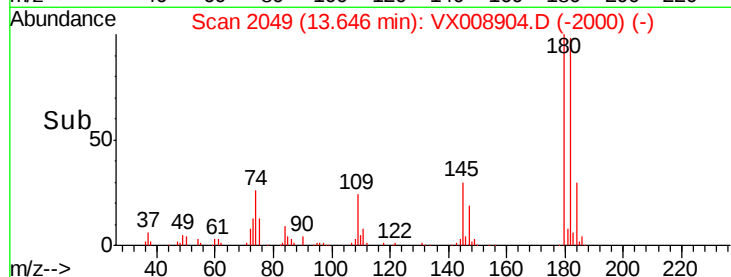
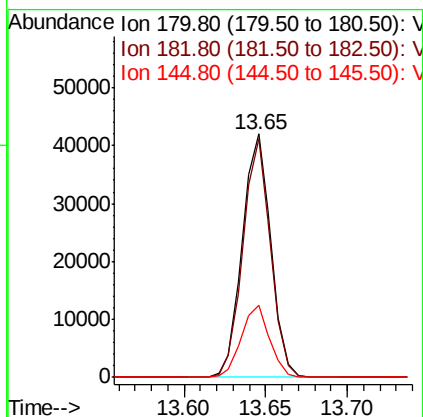
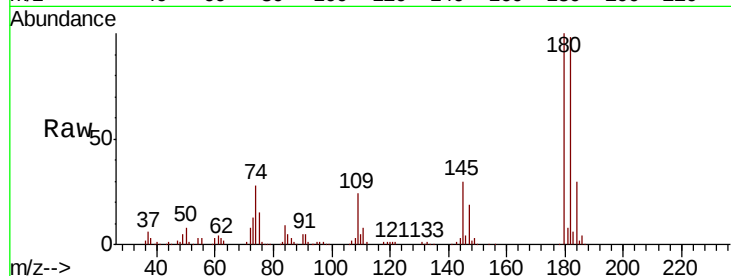




#93
 1,2,4-Trichlorobenzene
 Concen: 20.131 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

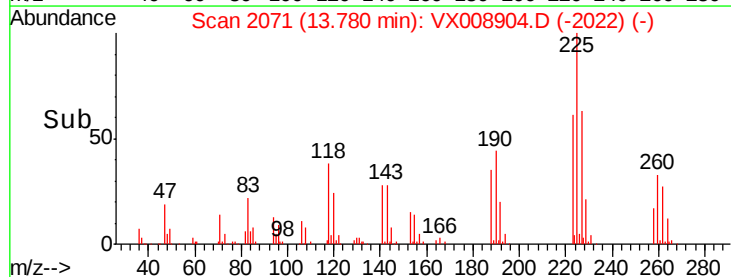
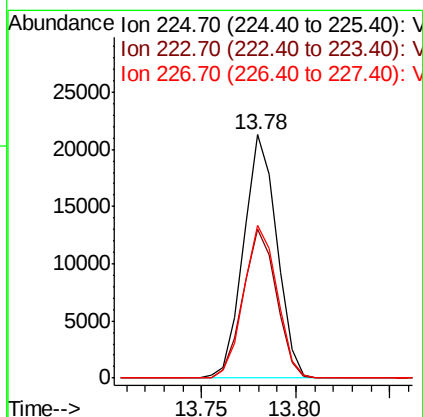
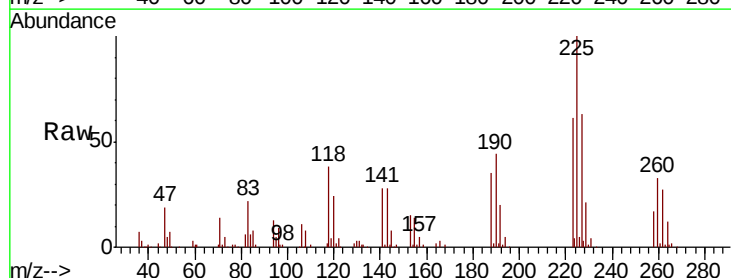
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

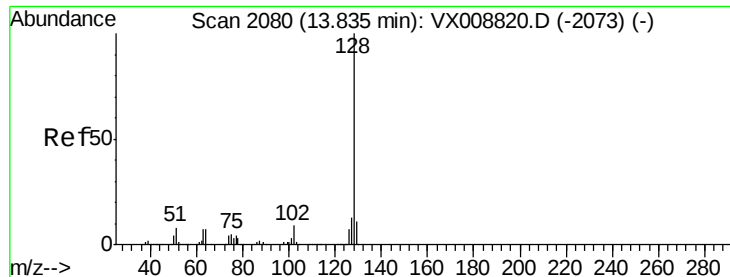
Tot Ion:180 Resp: 51320
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.2 141.6
 145 29.5 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 21.310 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion:225 Resp: 26054
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.2 93.6
 227 62.9 31.9 95.5

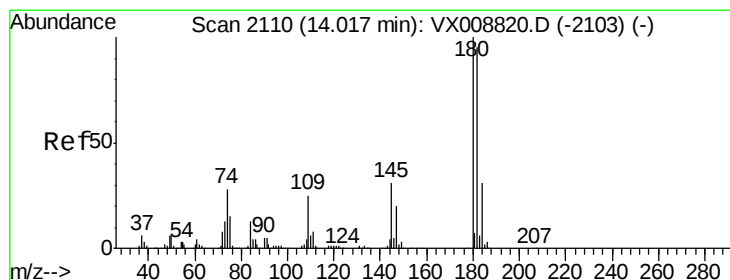
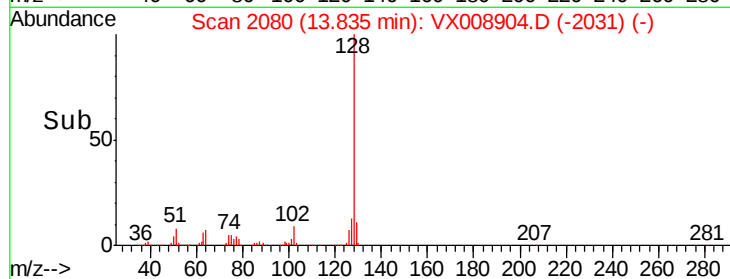
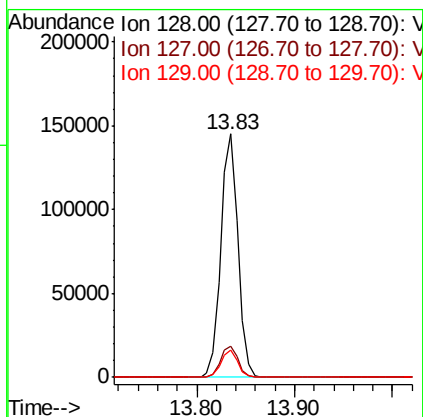
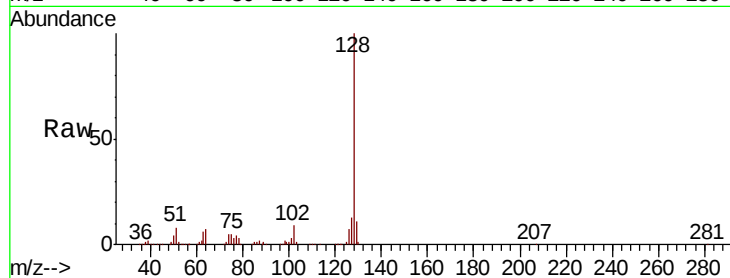




#95
Naphthalene
Concen: 20.625 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tot Ion:128 Resp: 175727
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: 20.549 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion:180 Resp: 52341
Ion Ratio Lower Upper
180 100
182 95.8 48.1 144.3
145 30.8 16.3 48.8

