

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032519\
 Data File : VX008421.D
 Acq On : 25 Mar 2019 19:50
 Operator : JC/SP
 Sample : VX0325WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS01

Quant Time: Mar 26 06:03:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	300547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139397	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	150476	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	5.50	113	112772	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	8.71	98	448325	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.13	95	163249	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	41776	18.096	ug/l	98
3) Chloromethane	1.32	50	60297	20.315	ug/l	100
4) Vinyl Chloride	1.40	62	60614	18.805	ug/l	98
5) Bromomethane	1.64	94	31719	19.879	ug/l	99
6) Chloroethane	1.71	64	38987	20.418	ug/l	100
7) Trichlorofluoromethane	1.93	101	69206	18.958	ug/l	97
8) Diethyl Ether	2.18	74	32874	19.028	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41001	18.584	ug/l	99
10) Methyl Iodide	2.51	142	34110	18.707	ug/l	100
11) Tert butyl alcohol	3.04	59	61958	94.186	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42225	18.532	ug/l	95
13) Acrolein	2.29	56	44296	92.726	ug/l	96
14) Allyl chloride	2.73	41	92147	18.357	ug/l	99
15) Acrylonitrile	3.14	53	162135	93.995	ug/l	100
16) Acetone	2.44	43	142984	92.140	ug/l	100
17) Carbon Disulfide	2.57	76	126380	16.721	ug/l	100
18) Methyl Acetate	2.77	43	69982	18.777	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	156372	19.045	ug/l	100
20) Methylene Chloride	2.85	84	51874	20.099	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	45220	19.754	ug/l	98
22) Diisopropyl ether	3.85	45	188493	19.071	ug/l	99
23) Vinyl Acetate	3.81	43	837738	97.149	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94600	18.958	ug/l	99
25) 2-Butanone	4.67	43	233624	93.907	ug/l	99
26) 2,2-Dichloropropane	4.59	77	60157	18.125	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	53075	19.050	ug/l	99
28) Bromochloromethane	5.01	49	50276	20.394	ug/l	98
29) Tetrahydrofuran	5.13	42	153385	93.547	ug/l	99
30) Chloroform	5.21	83	86357	19.176	ug/l	97
31) Cyclohexane	5.58	56	90020	18.915	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	68219	18.952	ug/l	100
36) 1,1-Dichloropropene	5.80	75	65805	18.311	ug/l	98
37) Ethyl Acetate	4.83	43	87615	18.819	ug/l	98
38) Carbon Tetrachloride	5.78	117	55741	18.586	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008421.D
 Acq On : 25 Mar 2019 19:50
 Operator : JC/SP
 Sample : VX0325WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS01

Quant Time: Mar 26 06:03:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79720	18.562	ug/l	98
40) Benzene	6.14	78	203571	18.922	ug/l	100
41) Methacrylonitrile	5.04	41	49766	19.022	ug/l	99
42) 1,2-Dichloroethane	6.20	62	73580	18.680	ug/l	100
43) Isopropyl Acetate	6.45	43	139247	18.699	ug/l	100
44) Trichloroethene	7.21	130	46211	18.293	ug/l	100
45) 1,2-Dichloropropane	7.51	63	57518	18.809	ug/l	100
46) Dibromomethane	7.66	93	33025	18.494	ug/l	100
47) Bromodichloromethane	7.90	83	64612	18.903	ug/l	100
48) Methyl methacrylate	7.77	41	70175	18.834	ug/l	100
49) 1,4-Dioxane	7.74	88	27414	370.034	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	460506	95.212	ug/l	100
52) Toluene	8.79	92	119826	18.627	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	69816	18.649	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	78887	18.530	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	49418	18.872	ug/l	98
56) Ethyl methacrylate	9.18	69	90663	19.181	ug/l	99
57) 1,3-Dichloropropane	9.37	76	89530	19.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	232741	95.254	ug/l	99
59) 2-Hexanone	9.49	43	358551	95.673	ug/l	99
60) Dibromochloromethane	9.58	129	46296	18.590	ug/l	98
61) 1,2-Dibromoethane	9.67	107	50708	18.975	ug/l	99
64) Tetrachloroethene	9.34	164	37701	18.529	ug/l	99
65) Chlorobenzene	10.14	112	123133	18.839	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	42876	19.014	ug/l	99
67) Ethyl Benzene	10.25	91	231878	18.798	ug/l	99
68) m/p-Xylenes	10.36	106	168855	37.628	ug/l	100
69) o-Xylene	10.69	106	81883	18.803	ug/l	98
70) Styrene	10.71	104	142517	18.946	ug/l	100
71) Bromoform	10.85	173	32426	18.208	ug/l #	99
73) Isopropylbenzene	11.02	105	222891	19.654	ug/l	99
74) N-amyl acetate	10.90	43	129401	19.713	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84046	19.101	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	90667	21.878	ug/l	82
77) Bromobenzene	11.26	156	51535	18.724	ug/l	100
78) n-propylbenzene	11.36	91	257326	19.370	ug/l	100
79) 2-Chlorotoluene	11.42	91	154702	19.146	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	186013	19.401	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23272	17.986	ug/l	91
82) 4-Chlorotoluene	11.51	91	176339	18.919	ug/l	100
83) tert-Butylbenzene	11.77	119	176653	19.097	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	187486	19.334	ug/l	99
85) sec-Butylbenzene	11.94	105	213663	19.396	ug/l	100
86) p-Isopropyltoluene	12.06	119	189133	19.458	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	91540	18.614	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	91295	18.395	ug/l	99
89) n-Butylbenzene	12.38	91	173942	18.891	ug/l	100
90) Hexachloroethane	12.59	117	30071	18.570	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	93922	19.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18848	19.645	ug/l	97

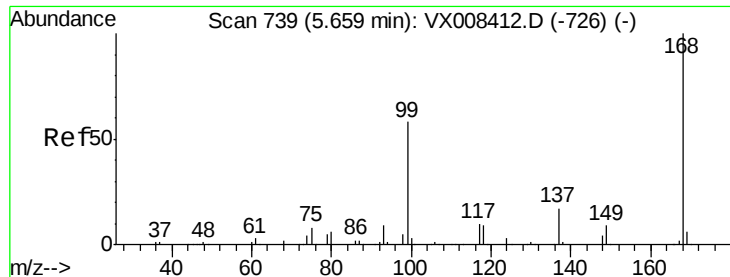
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032519\
Data File : VX008421.D
Acq On : 25 Mar 2019 19:50
Operator : JC/SP
Sample : VX0325WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBS01

Quant Time: Mar 26 06:03:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 04:58:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	63136	19.042	ug/l	99
94) Hexachlorobutadiene	13.78	225	29554	18.772	ug/l	99
95) Naphthalene	13.83	128	228411	20.094	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	64971	19.501	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

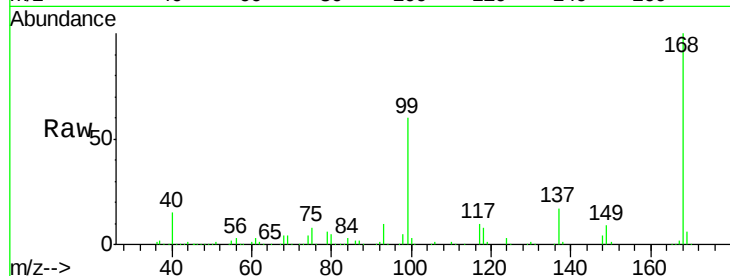
VX0325WBS01

Tot Ion:168 Resp: 195847

Ion Ratio Lower Upper

168 100

99 60.2 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

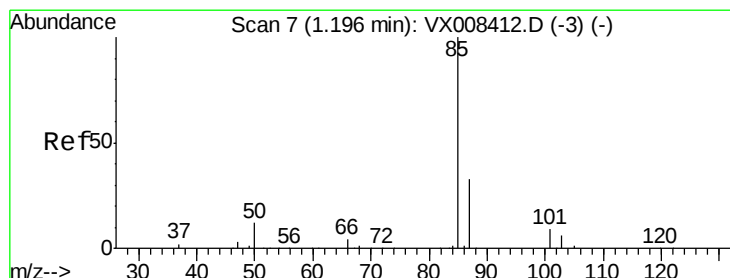
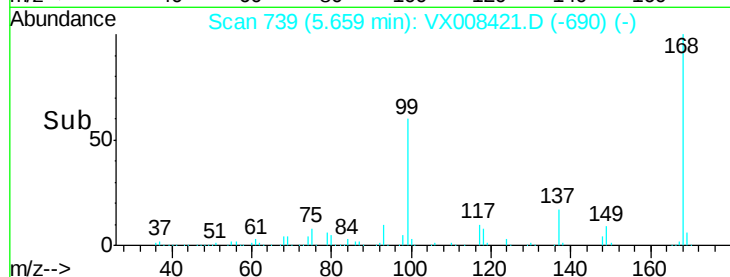
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.096 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008421.D

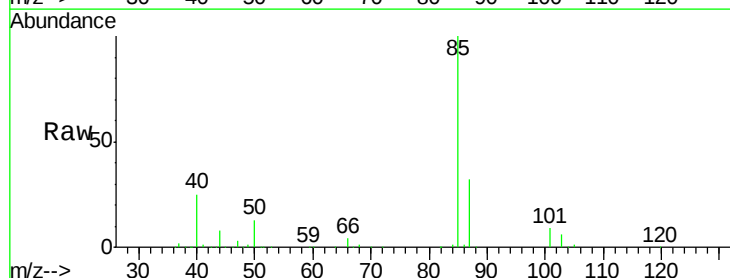
Acq: 25 Mar 2019 19:50

Tgt Ion: 85 Resp: 41776

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

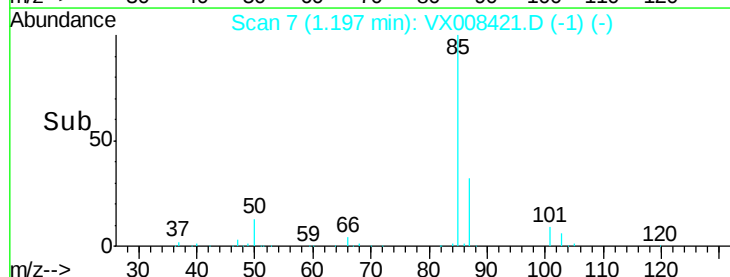
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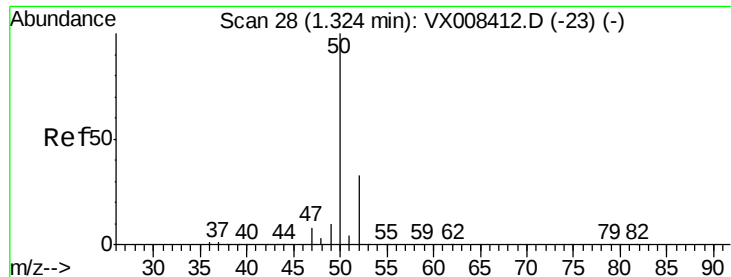
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.315 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

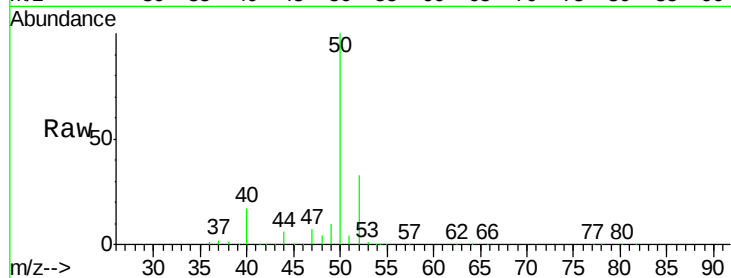
VX0325WBS01

Tot Ion: 50 Resp: 60297

Ion Ratio Lower Upper

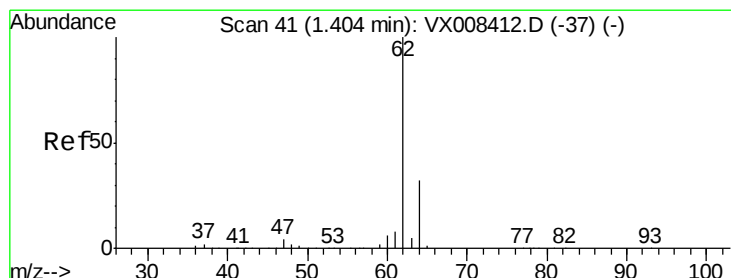
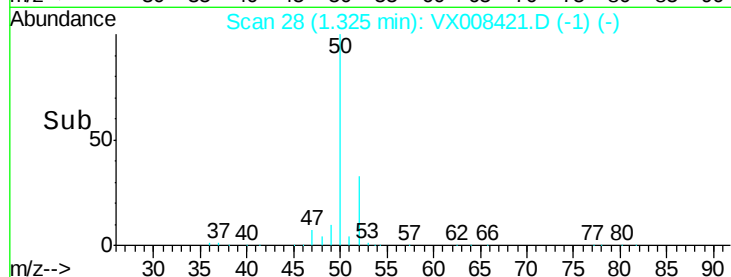
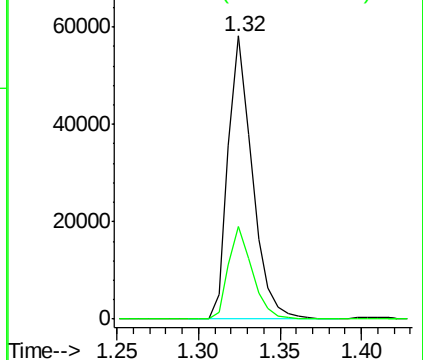
50 100

52 32.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.805 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008421.D

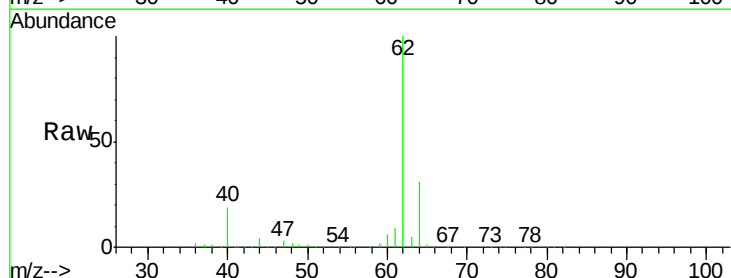
Acq: 25 Mar 2019 19:50

Tgt Ion: 62 Resp: 60614

Ion Ratio Lower Upper

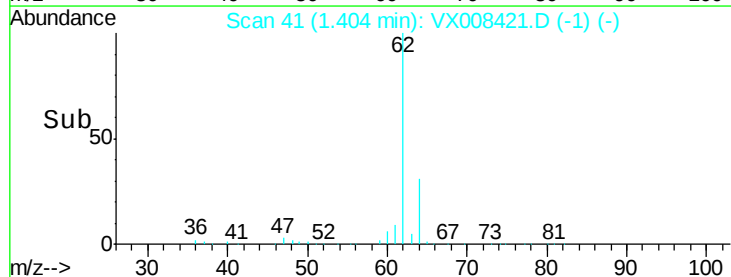
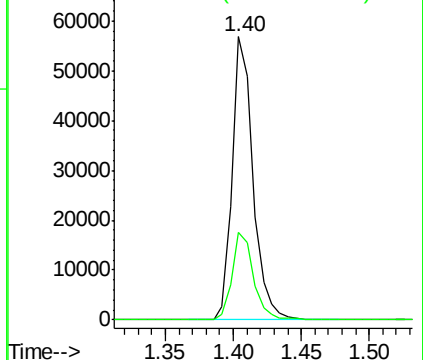
62 100

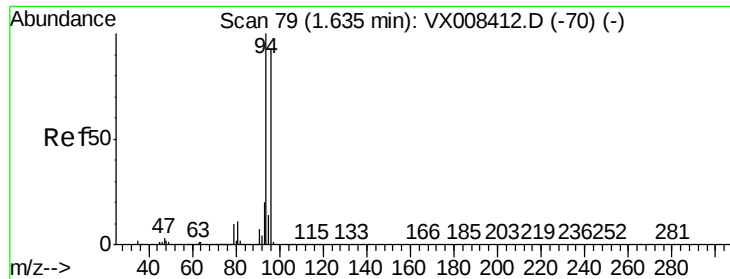
64 30.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.879 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

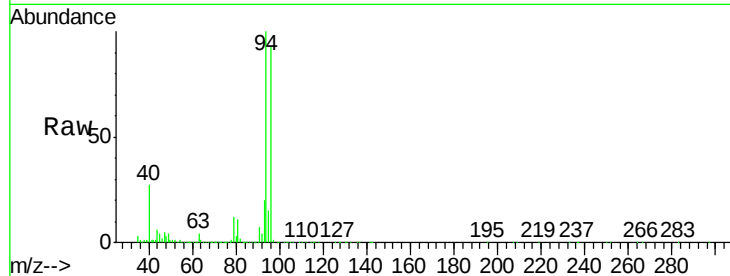
VX0325WBS01

Tot Ion: 94 Resp: 31719

Ion Ratio Lower Upper

94 100

96 92.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

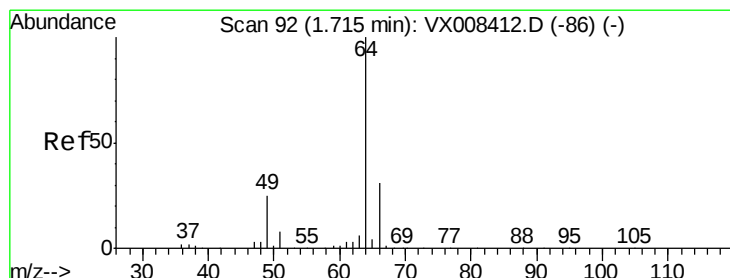
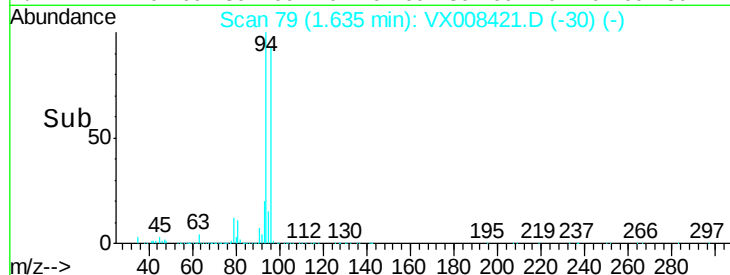
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 20.418 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008421.D

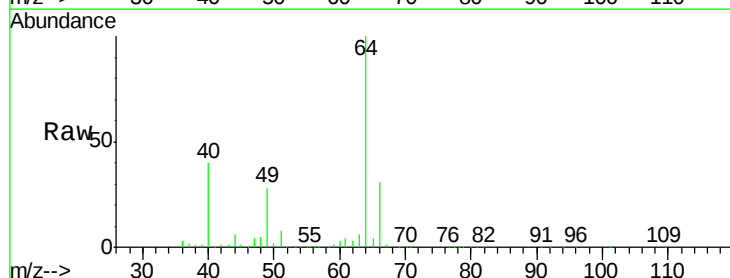
Acq: 25 Mar 2019 19:50

Tgt Ion: 64 Resp: 38987

Ion Ratio Lower Upper

64 100

66 31.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

25000

20000

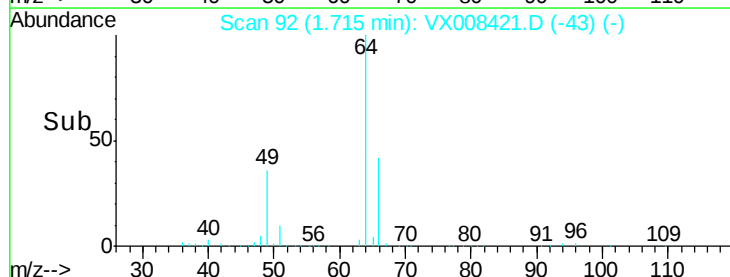
15000

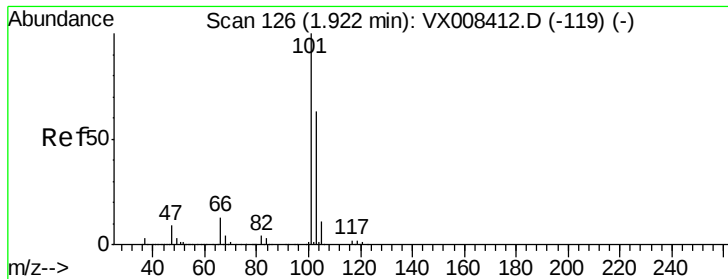
10000

5000

0

Time--> 1.60 1.70 1.80



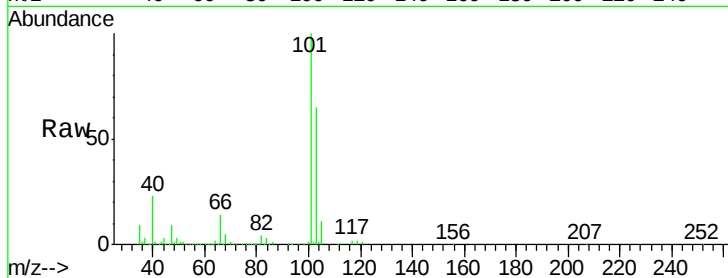


#7

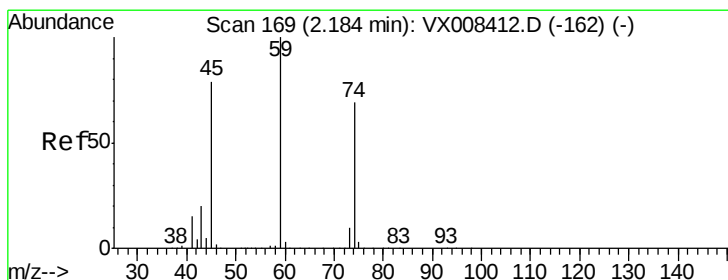
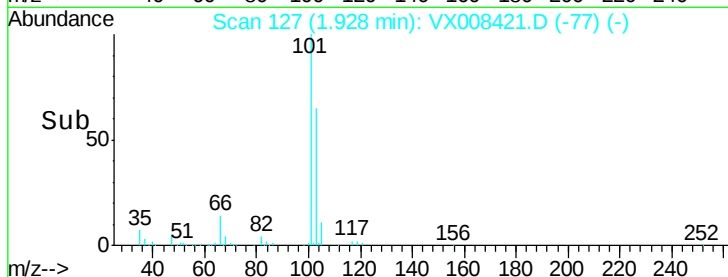
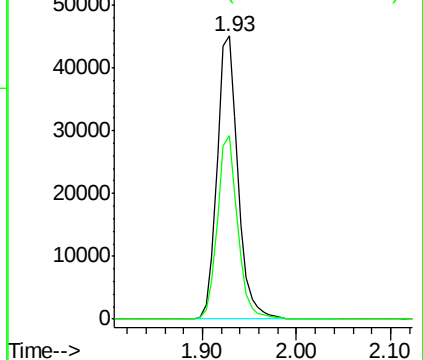
Trichlorofluoromethane
 Concen: 18.958 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS01

Tot Ion:101 Resp: 69206
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.2 75.4



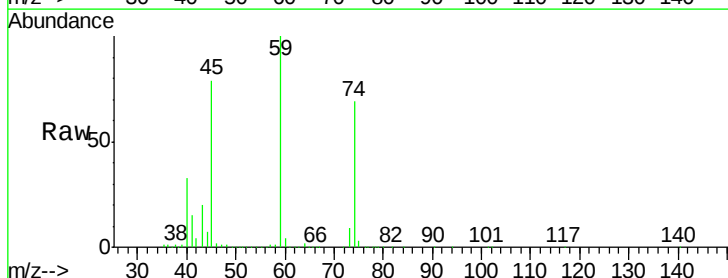
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



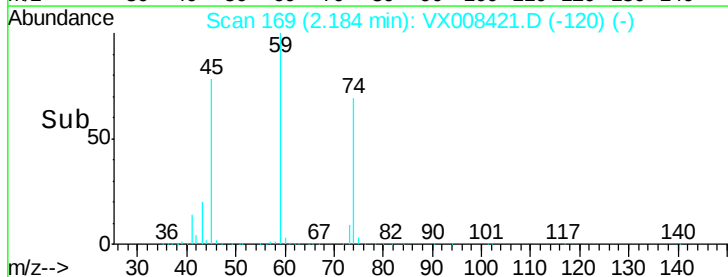
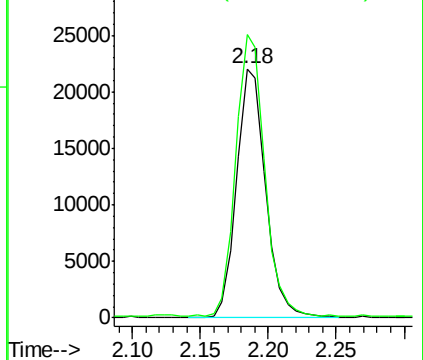
#8

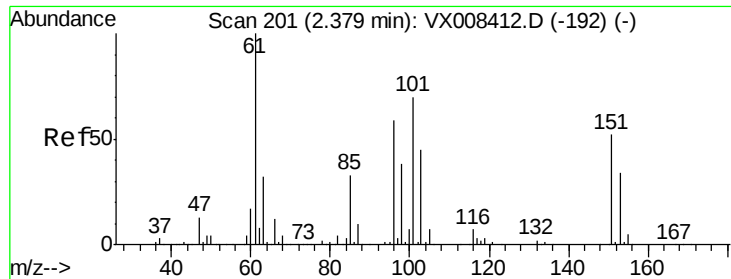
Diethyl Ether
 Concen: 19.028 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

Tgt Ion: 74 Resp: 32874
 Ion Ratio Lower Upper
 74 100
 45 111.5 56.4 169.2



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.584 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampled :

VX0325WBS01

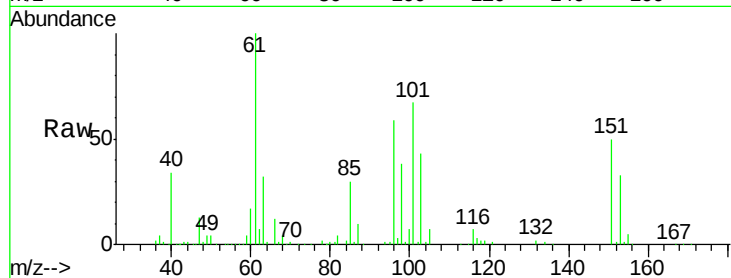
Tot Ion:101 Resp: 41001

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

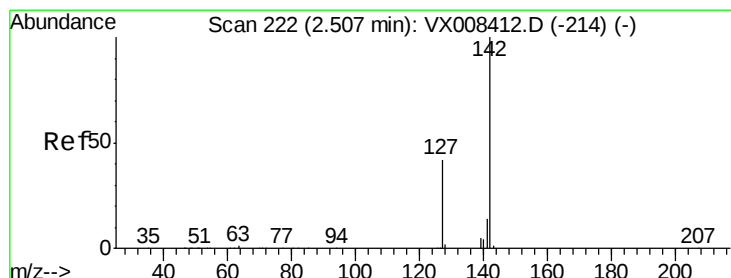
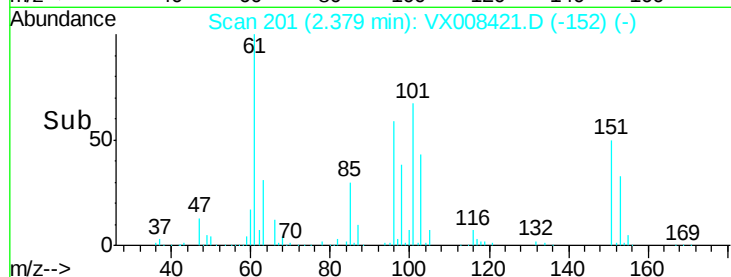
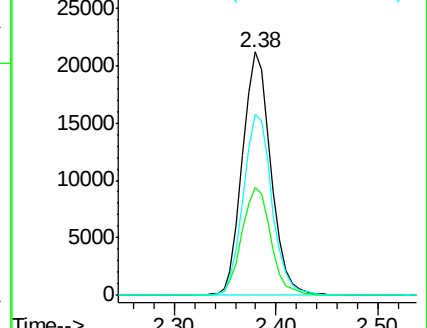
151 75.5 59.2 88.8



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: 18.707 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

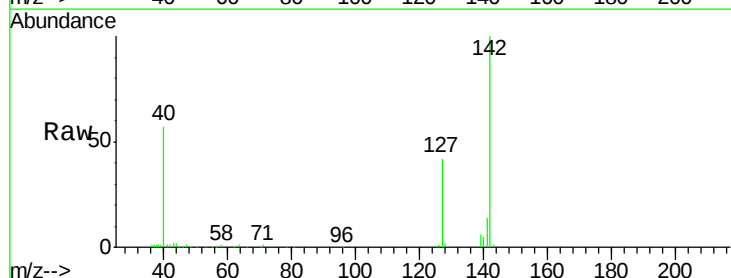
Tgt Ion:142 Resp: 34110

Ion Ratio Lower Upper

142 100

127 42.1 33.6 50.4

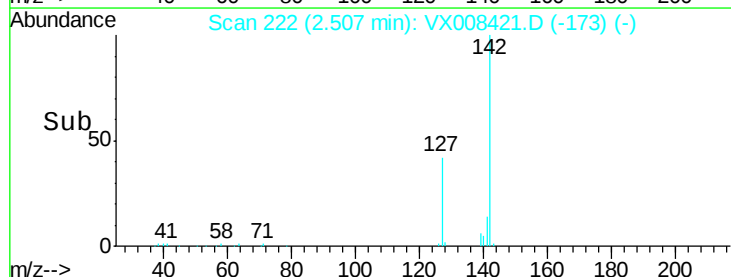
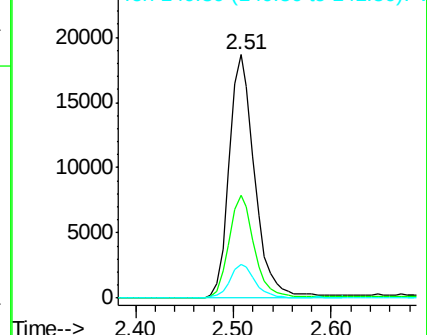
141 13.9 11.3 16.9

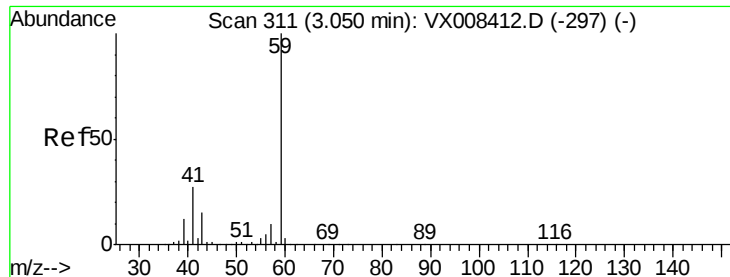


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.186 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

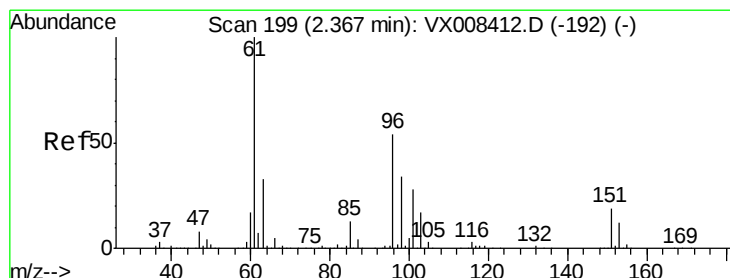
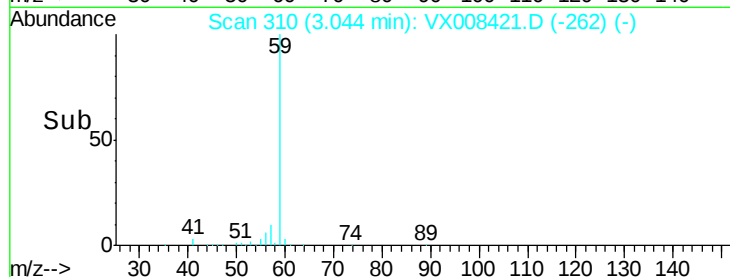
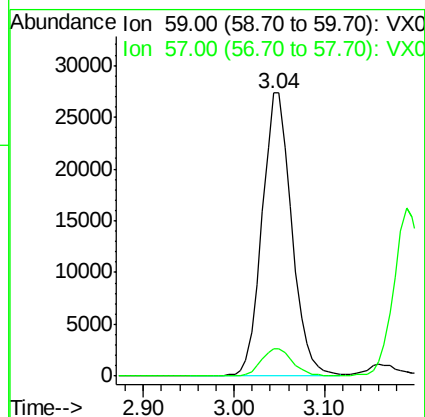
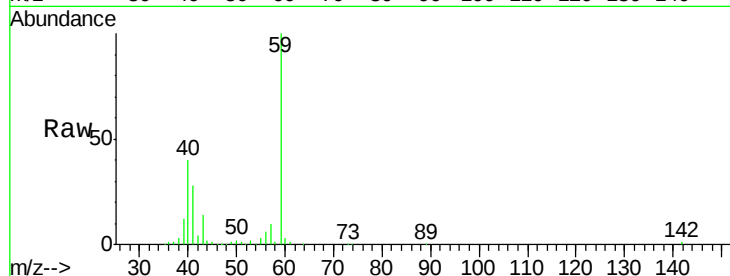
VX0325WBS01

Tot Ion: 59 Resp: 61958

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.4



#12

1,1-Dichloroethene

Concen: 18.532 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

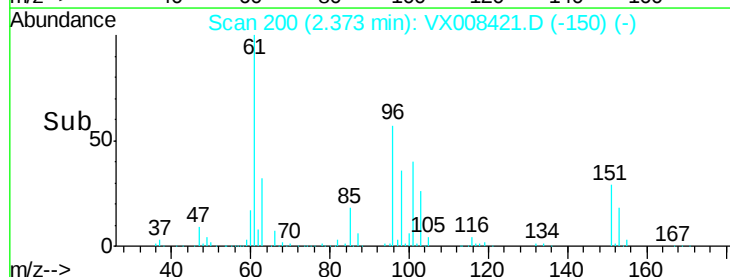
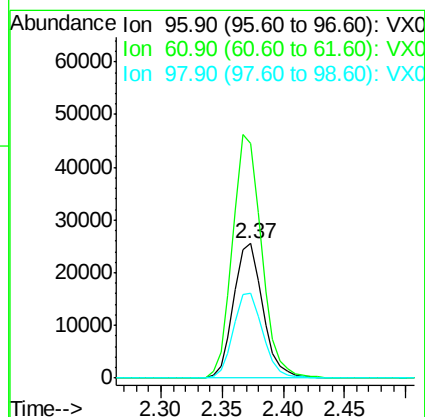
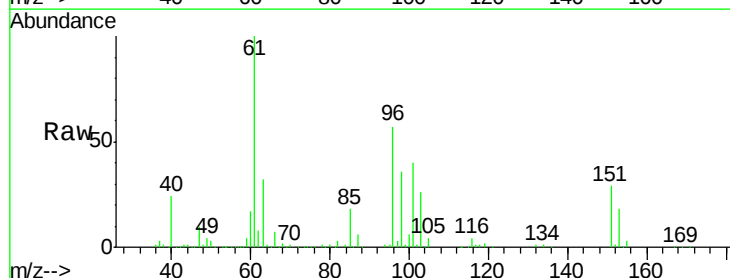
Tgt Ion: 96 Resp: 42225

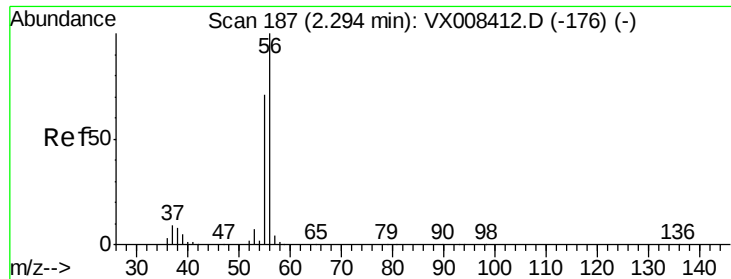
Ion Ratio Lower Upper

96 100

61 174.5 146.9 220.3

98 63.0 50.1 75.1





#13

Acrolein

Concen: 92.726 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

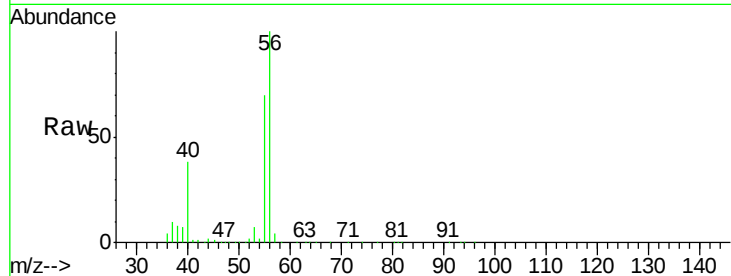
VX0325WBS01

Tot Ion: 56 Resp: 44296

Ion Ratio Lower Upper

56 100

55 73.7 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

30000

25000

20000

15000

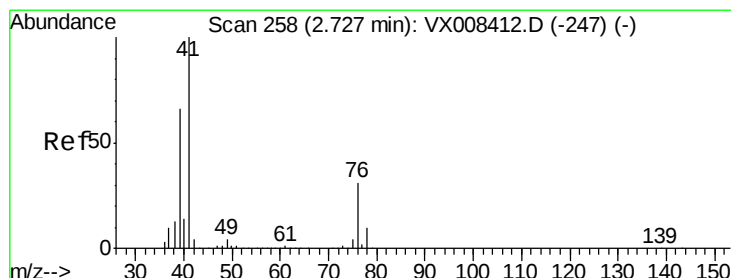
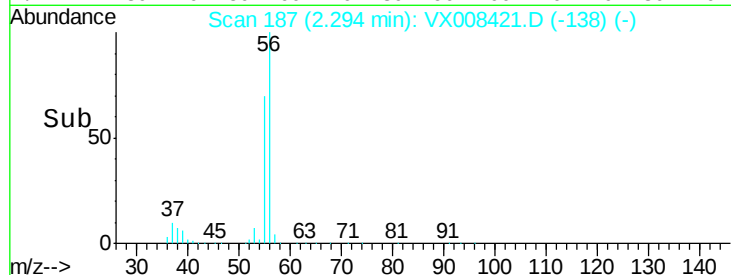
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 18.357 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

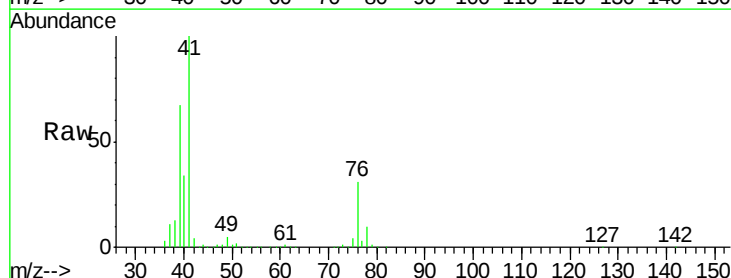
Tgt Ion: 41 Resp: 92147

Ion Ratio Lower Upper

41 100

39 63.5 49.6 74.4

76 28.0 22.6 34.0



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

60000

50000

40000

30000

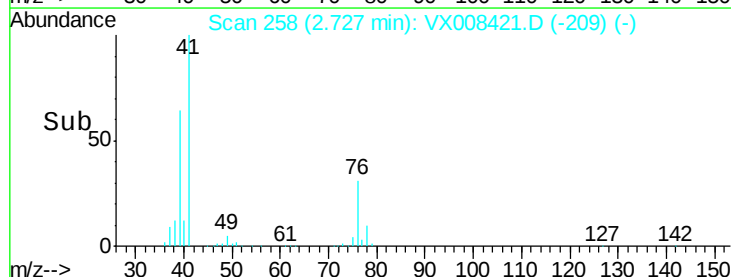
20000

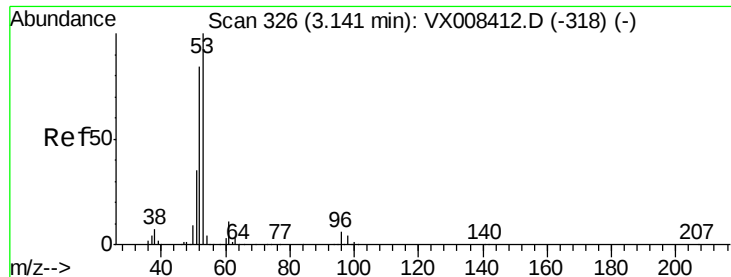
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 93.995 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampled :

VX0325WBS01

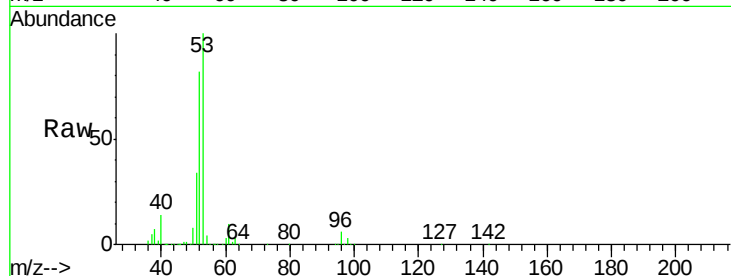
Tot Ion: 53 Resp: 162135

Ion Ratio Lower Upper

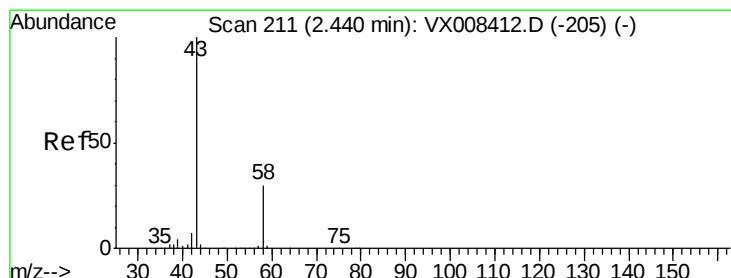
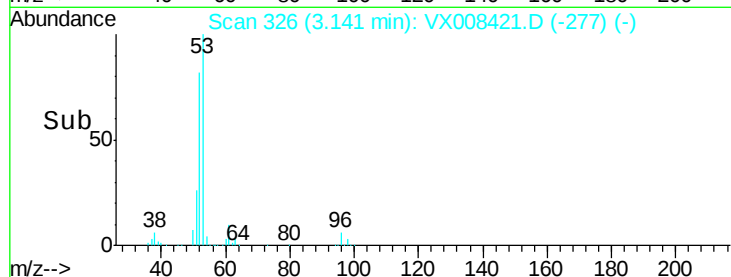
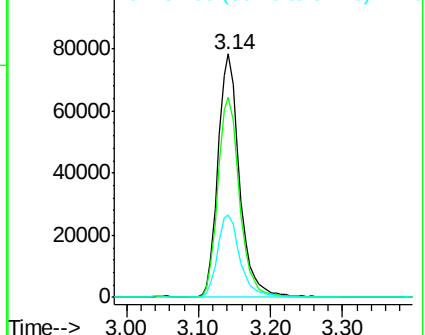
53 100

52 83.5 66.5 99.7

51 35.3 28.3 42.5



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: 92.140 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008421.D

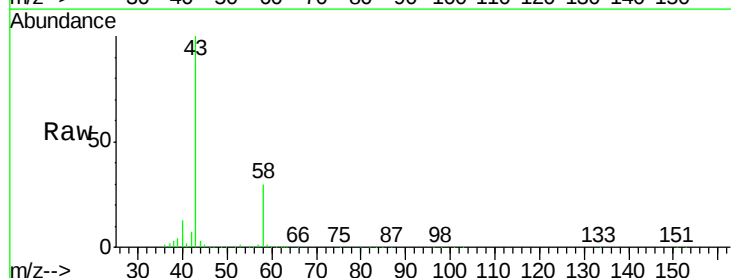
Acq: 25 Mar 2019 19:50

Tgt Ion: 43 Resp: 142984

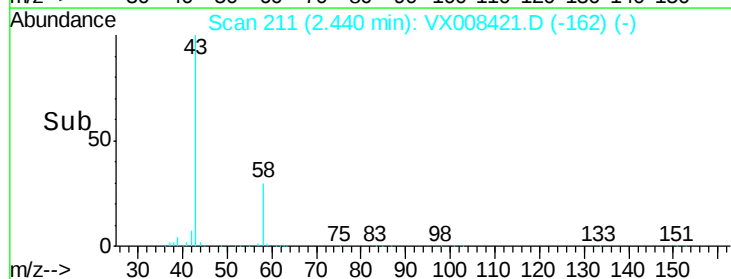
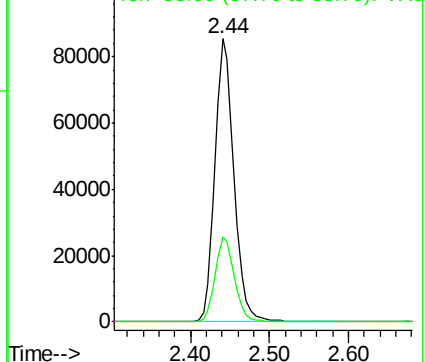
Ion Ratio Lower Upper

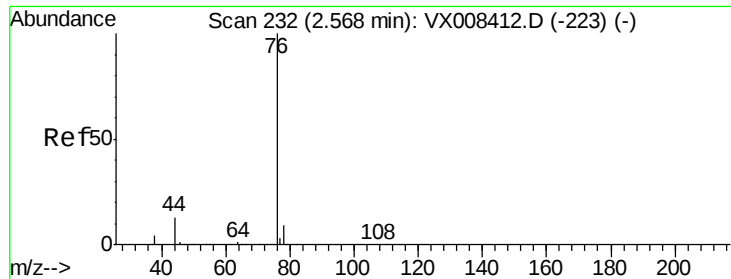
43 100

58 30.0 24.2 36.2



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

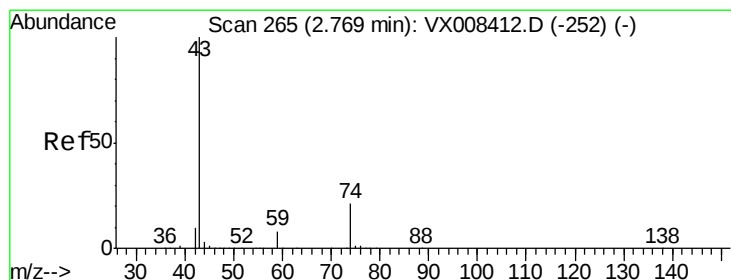
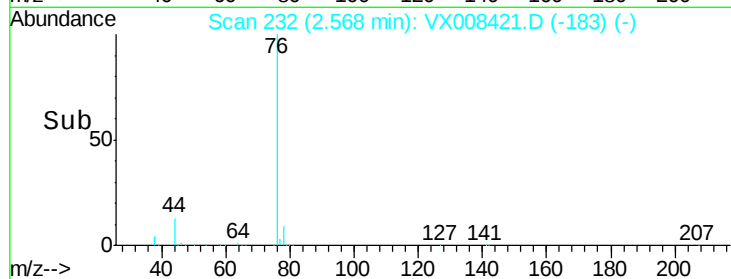
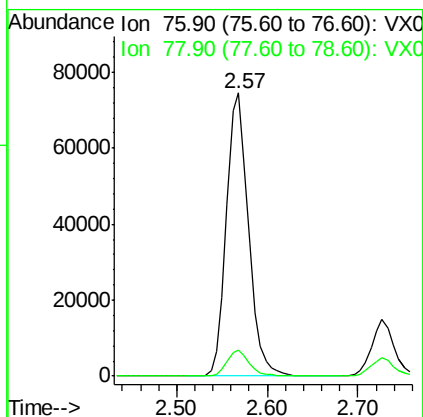
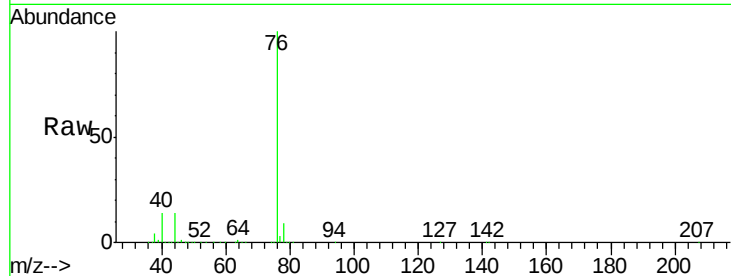




#17
Carbon Disulfide
Concen: 16.721 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

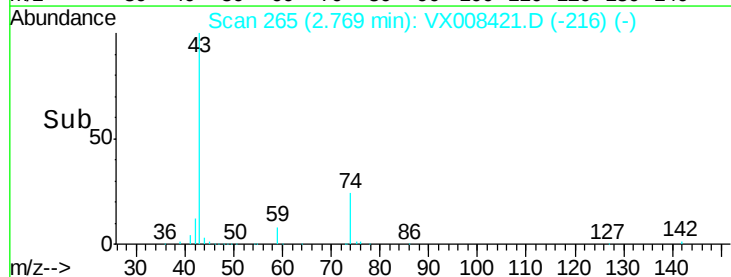
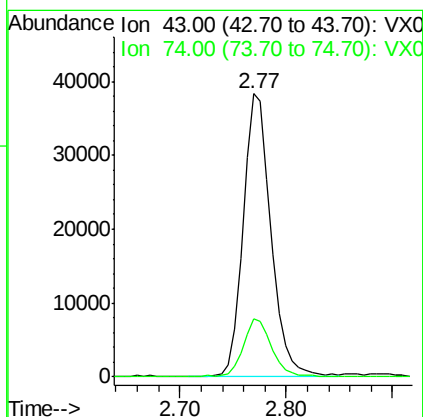
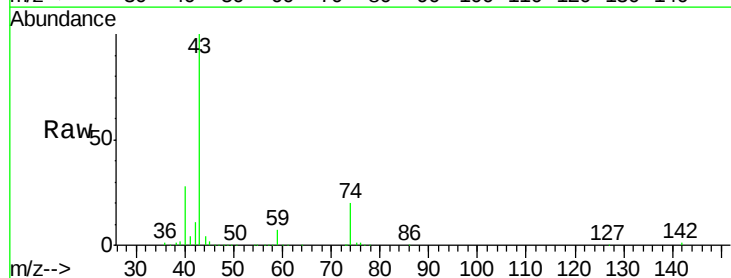
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBS01

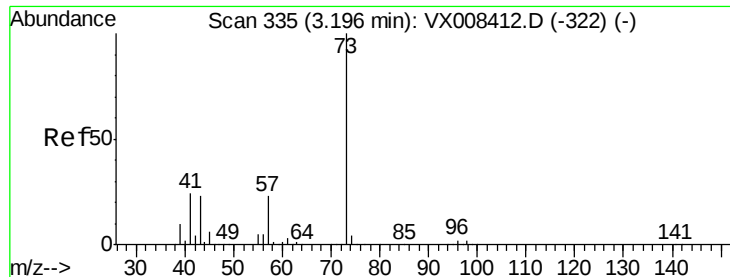
Tot Ion: 76 Resp: 126380
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 18.777 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Tgt Ion: 43 Resp: 69982
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1

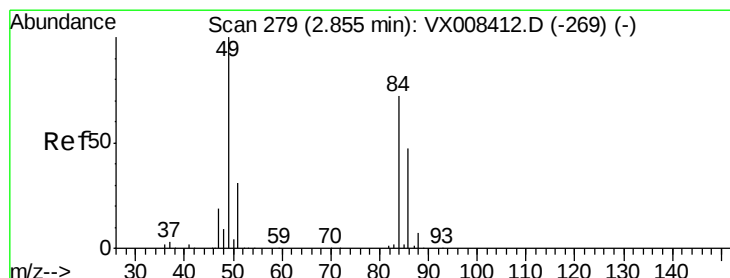
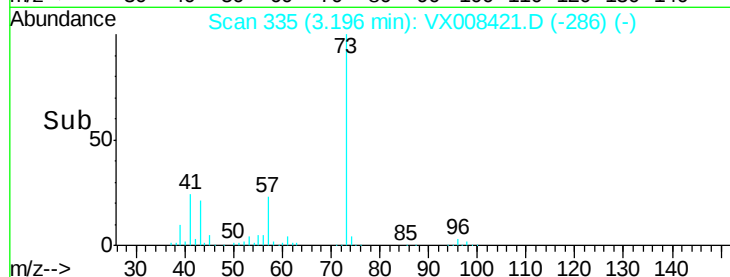
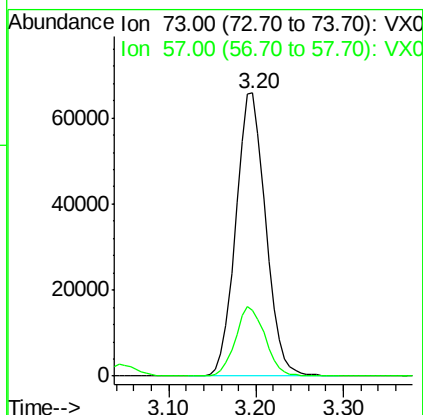
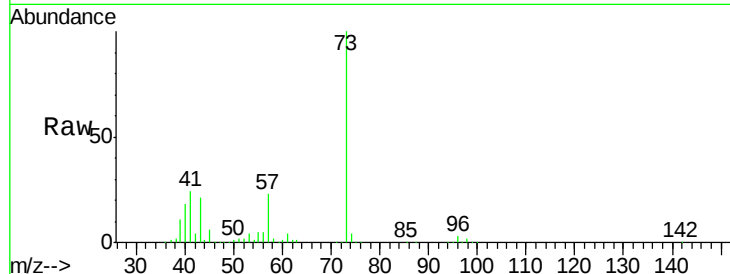




#19
Methyl tert-butyl Ether
Concen: 19.045 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

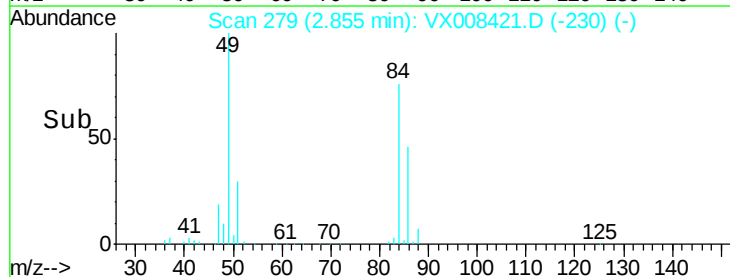
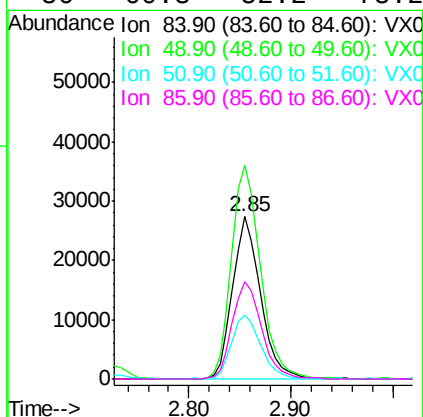
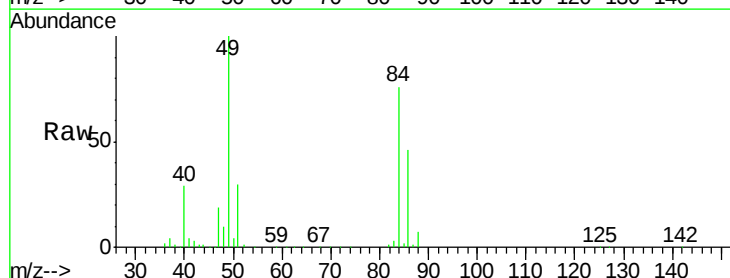
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBS01

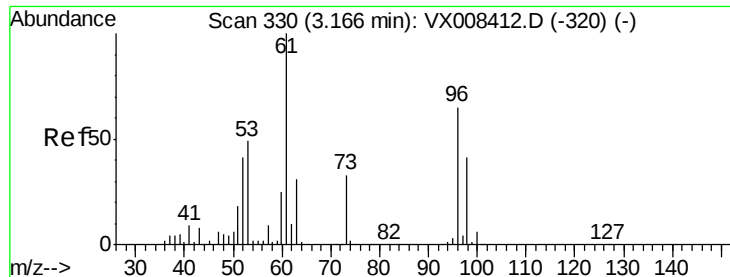
Tot Ion: 73 Resp: 156372
Ion Ratio Lower Upper
73 100
57 23.4 18.6 28.0



#20
Methylene Chloride
Concen: 20.099 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Tgt Ion: 84 Resp: 51874
Ion Ratio Lower Upper
84 100
49 131.7 110.6 165.8
51 39.4 33.9 50.9
86 60.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 19.754 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBS01

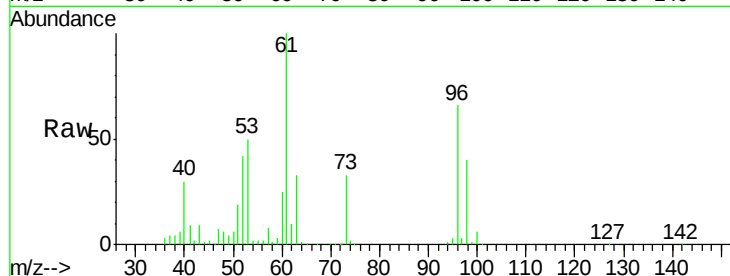
Tot Ion: 96 Resp: 45220

Ion Ratio Lower Upper

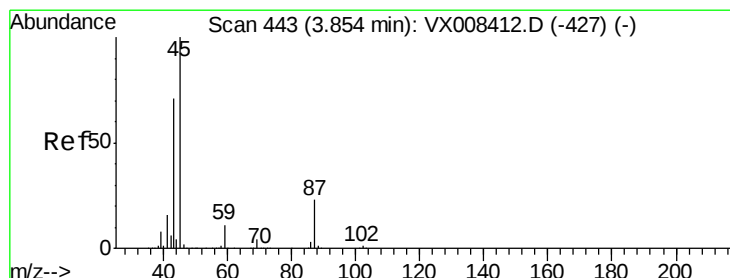
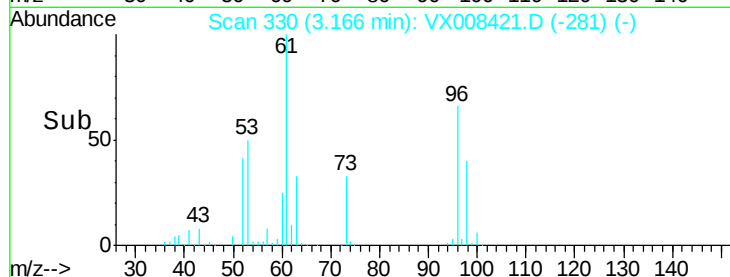
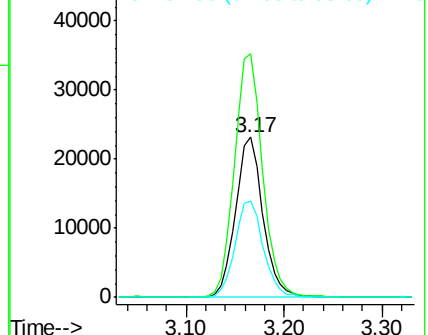
96 100

61 151.7 122.6 184.0

98 60.5 50.9 76.3



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: 19.071 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Tgt Ion: 45 Resp: 188493

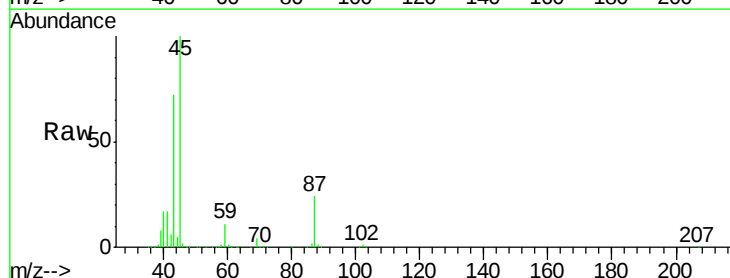
Ion Ratio Lower Upper

45 100

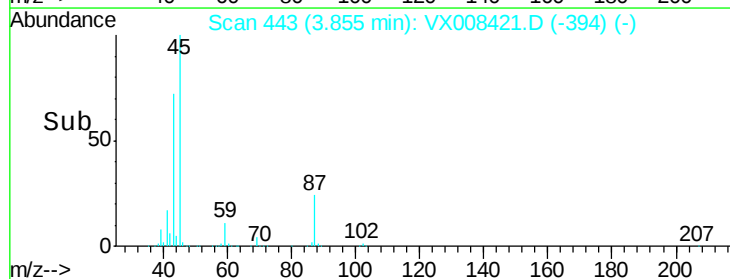
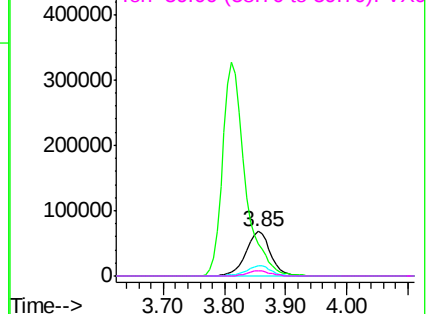
43 72.3 57.1 85.7

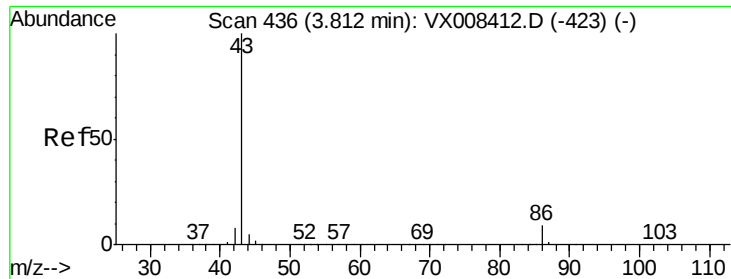
87 24.0 18.8 28.2

59 10.4 8.7 13.1



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: 97.149 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

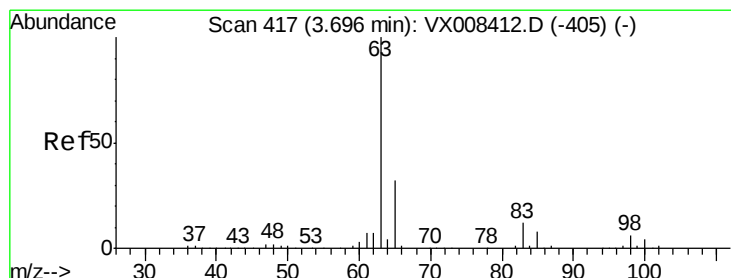
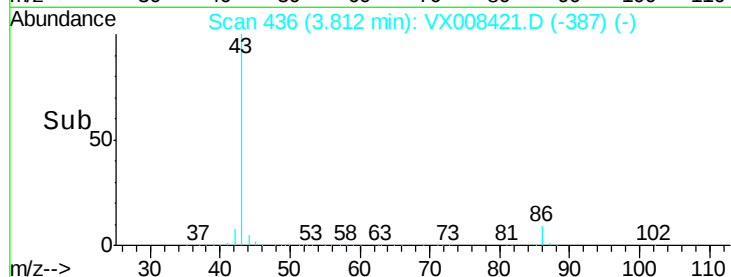
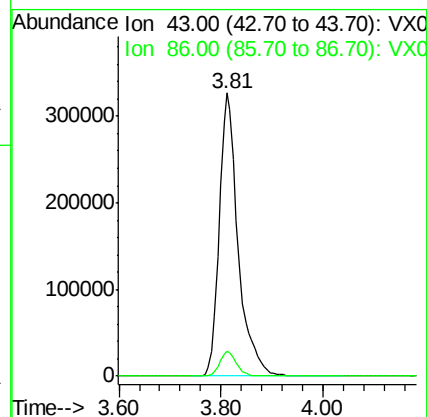
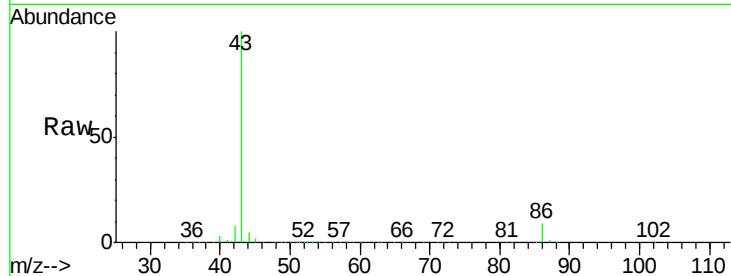
VX0325WBS01

Tot Ion: 43 Resp: 837738

Ion Ratio Lower Upper

43 100

86 8.7 6.9 10.3



#24

1,1-Dichloroethane

Concen: 18.958 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

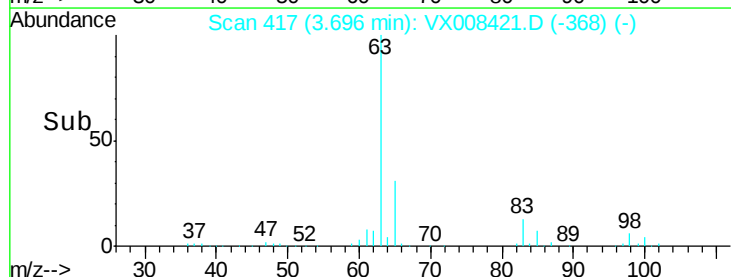
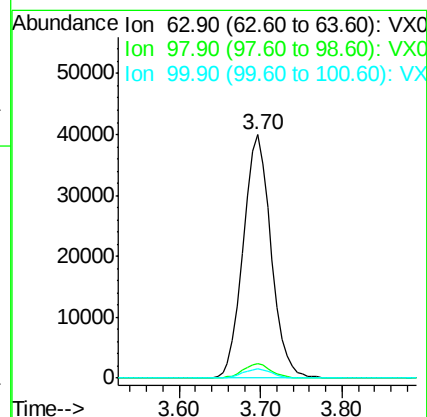
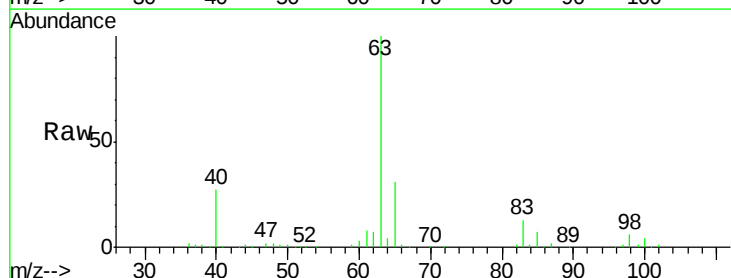
Tgt Ion: 63 Resp: 94600

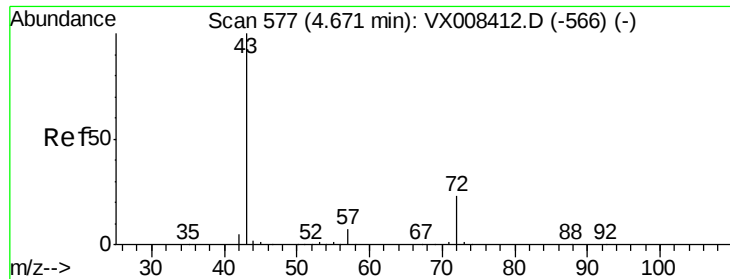
Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 93.907 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

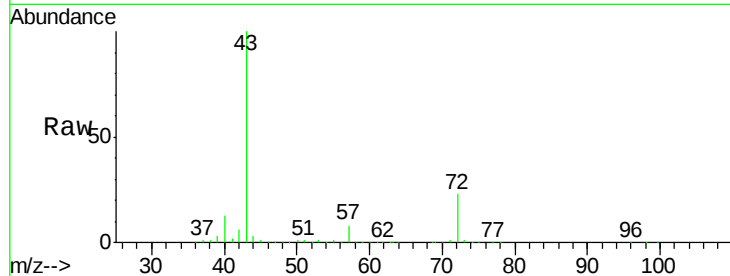
VX0325WBS01

Tot Ion: 43 Resp: 233624

Ion Ratio Lower Upper

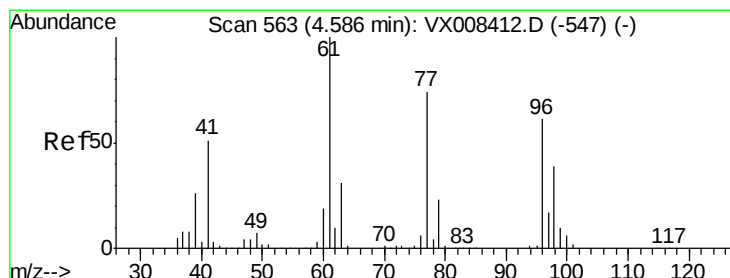
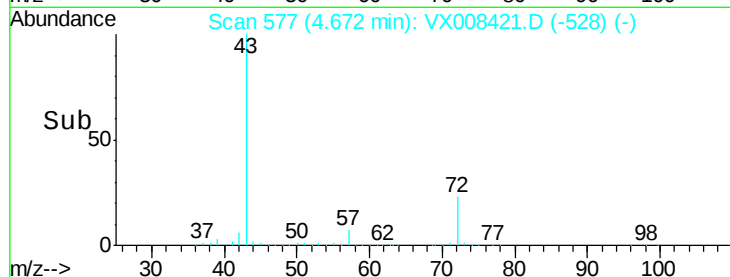
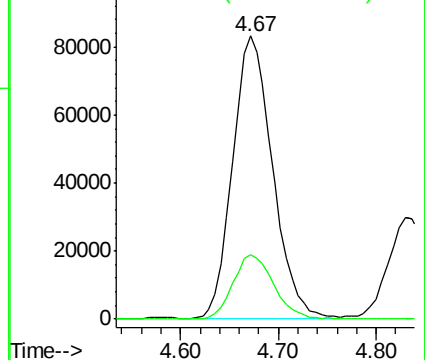
43 100

72 22.9 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.125 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008421.D

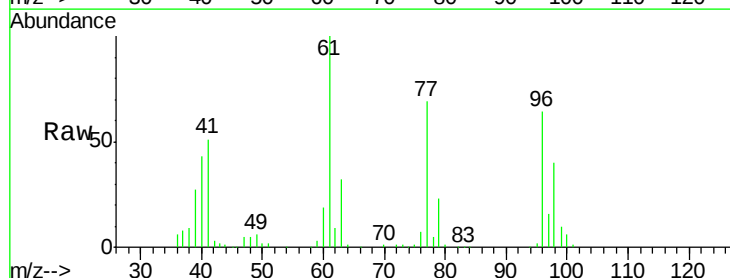
Acq: 25 Mar 2019 19:50

Tgt Ion: 77 Resp: 60157

Ion Ratio Lower Upper

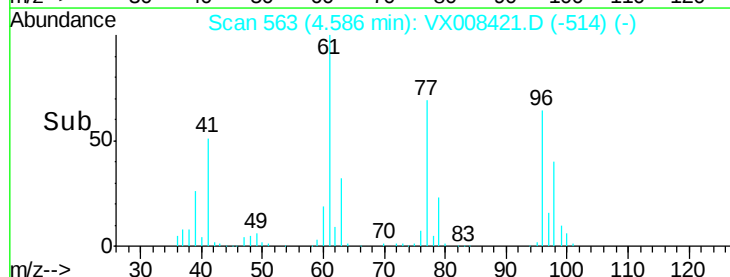
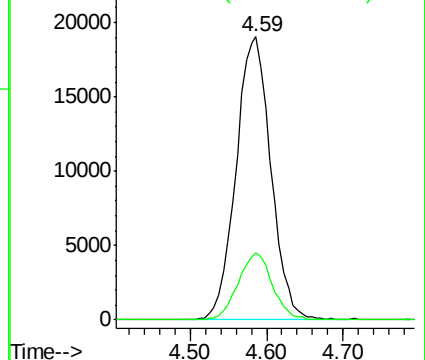
77 100

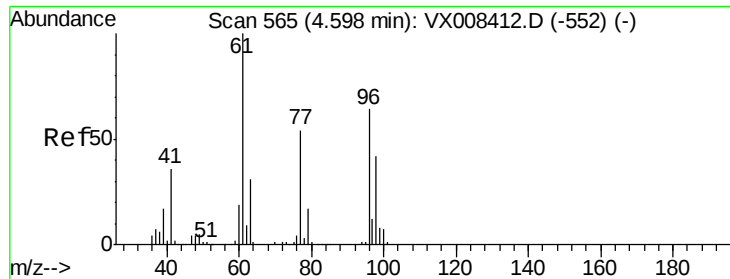
97 23.2 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



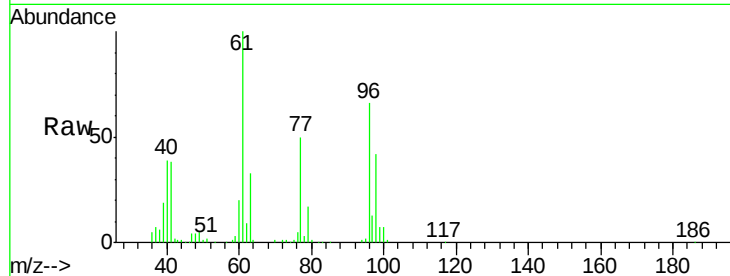


#27

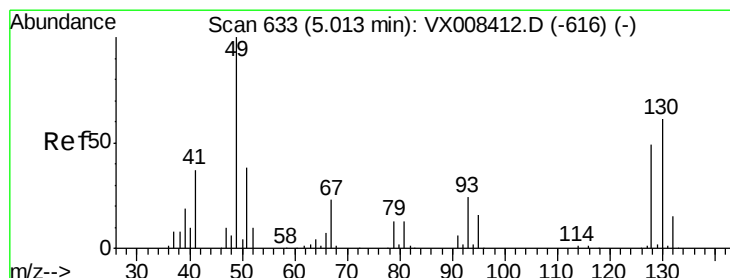
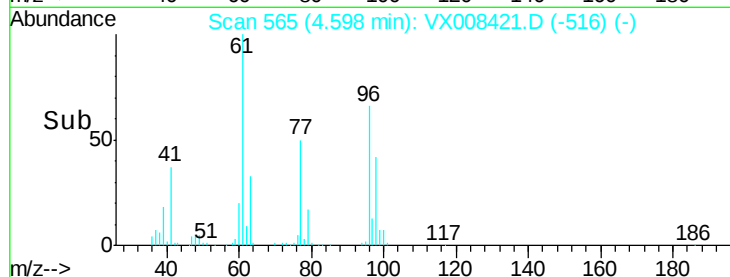
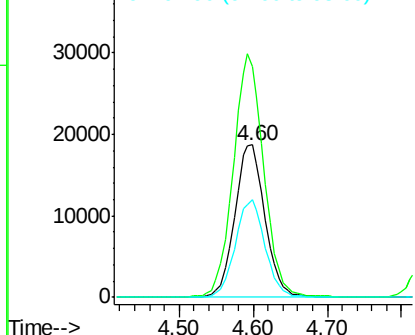
cis-1,2-Dichloroethene
Concen: 19.050 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBS01

Tot Ion: 96 Resp: 53075
Ion Ratio Lower Upper
96 100
61 160.9 0.0 325.6
98 63.7 0.0 130.0



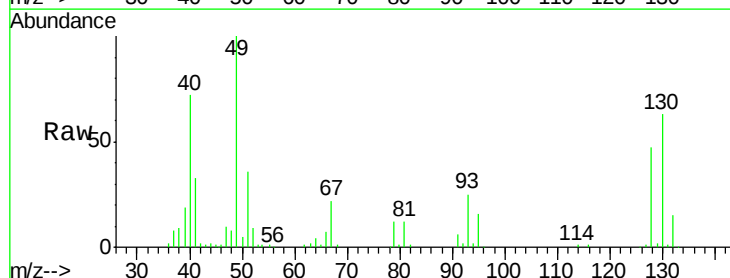
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



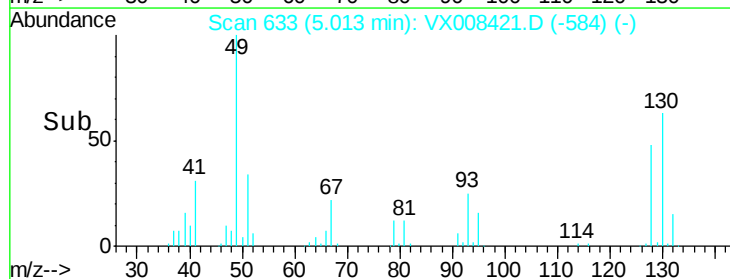
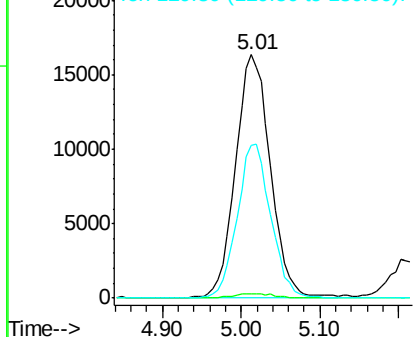
#28

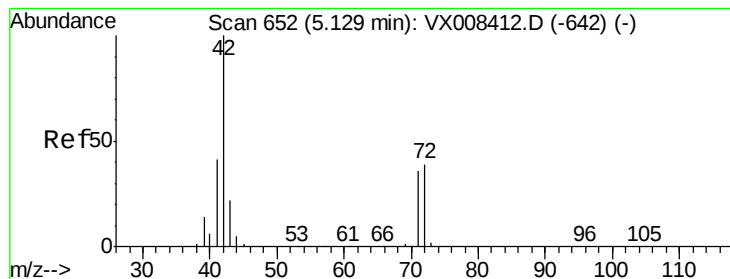
Bromochloromethane
Concen: 20.394 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Tgt Ion: 49 Resp: 50276
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 60.7 49.8 74.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 93.547 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBS01

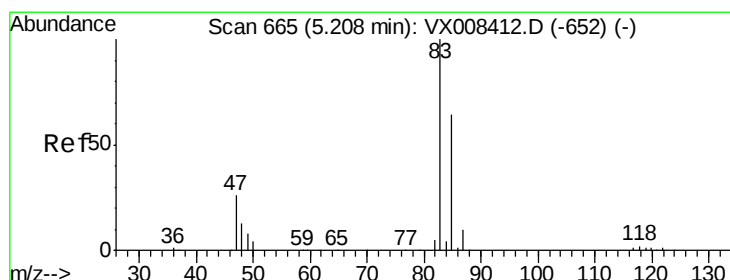
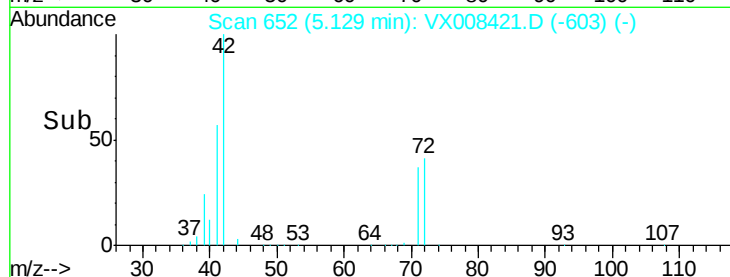
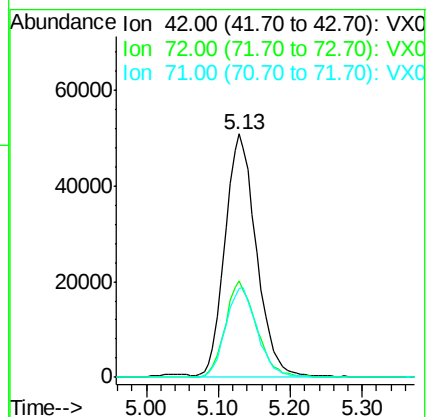
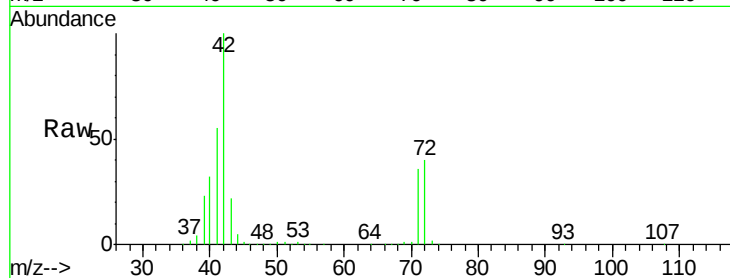
Tot Ion: 42 Resp: 153385

Ion Ratio Lower Upper

42 100

72 39.8 31.4 47.2

71 37.3 29.4 44.2



#30

Chloroform

Concen: 19.176 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX008421.D

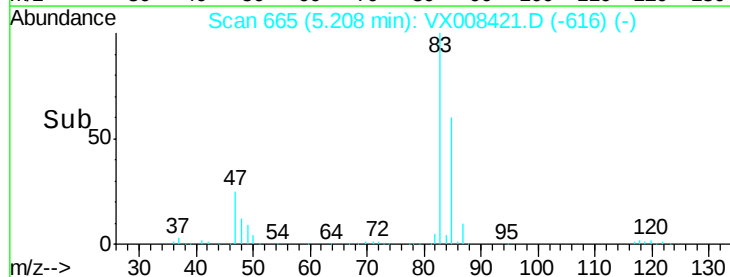
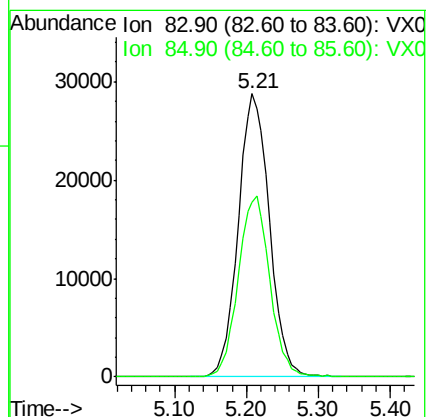
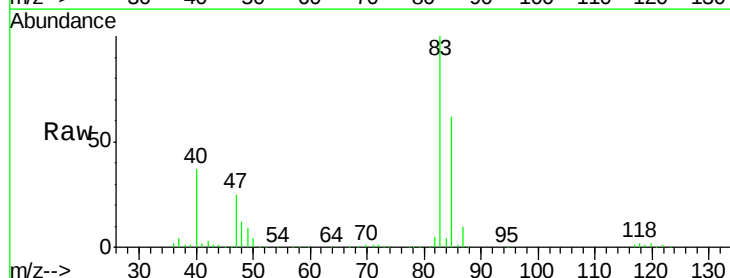
Acq: 25 Mar 2019 19:50

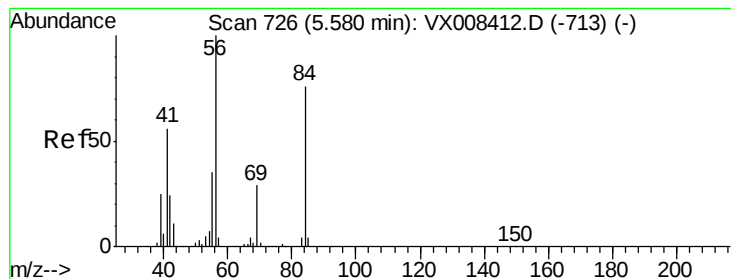
Tgt Ion: 83 Resp: 86357

Ion Ratio Lower Upper

83 100

85 61.7 51.4 77.2





#31

Cyclohexane

Concen: 18.915 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBS01

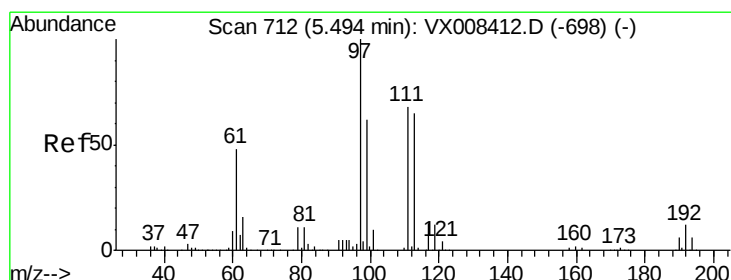
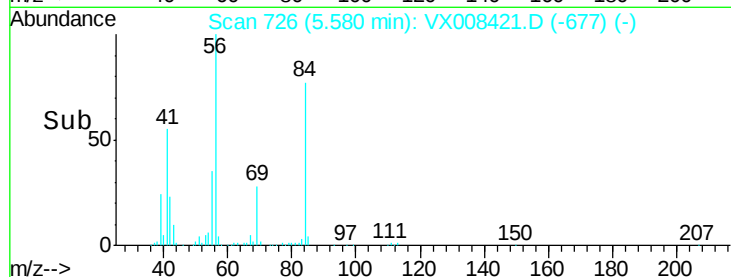
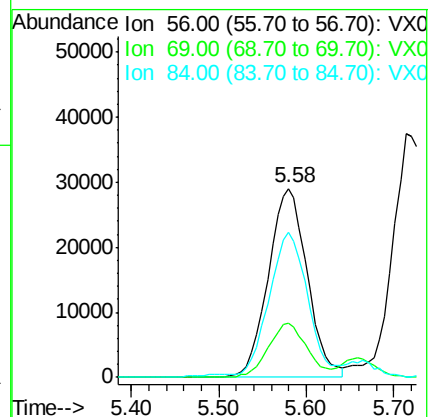
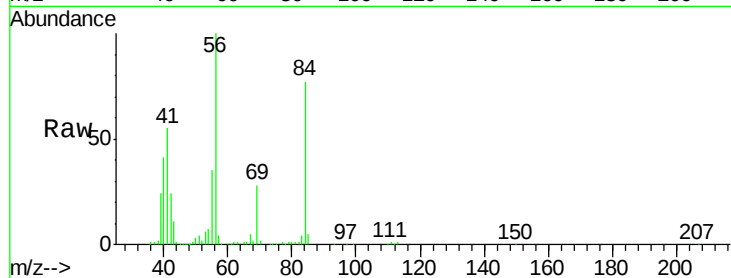
Tot Ion: 56 Resp: 90020

Ion Ratio Lower Upper

56 100

69 28.4 23.2 34.8

84 76.0 60.7 91.1



#32

1,1,1-Trichloroethane

Concen: 18.952 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

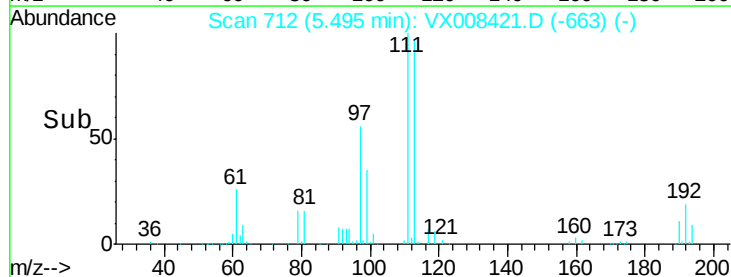
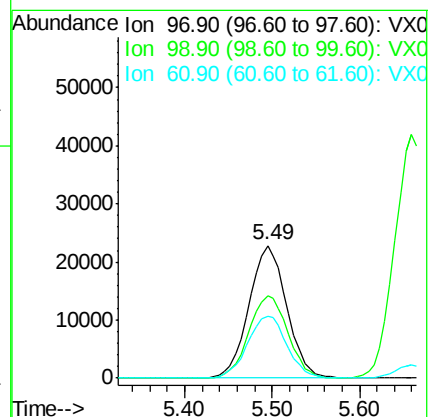
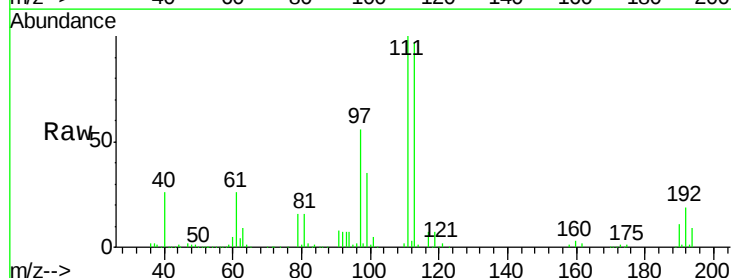
Tgt Ion: 97 Resp: 68219

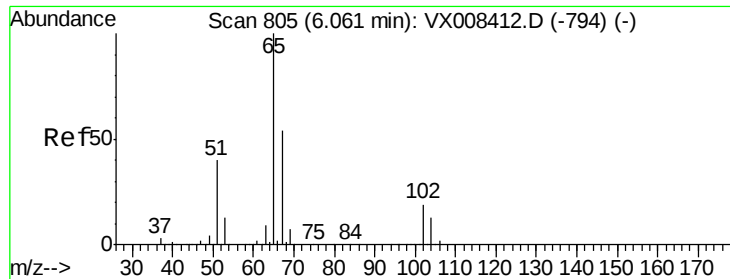
Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 49.0 38.8 58.2





#33

1,2-Dichloroethane-d4

Concen: 50.681 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

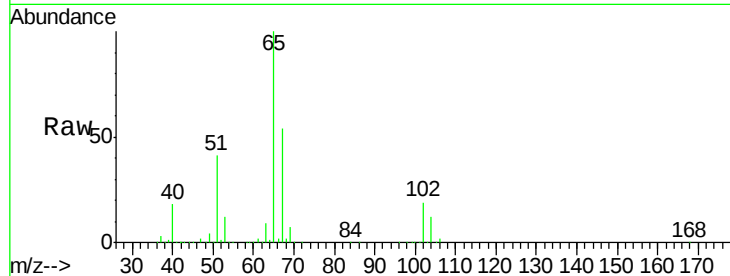
VX0325WBS01

Tot Ion: 65 Resp: 150476

Ion Ratio Lower Upper

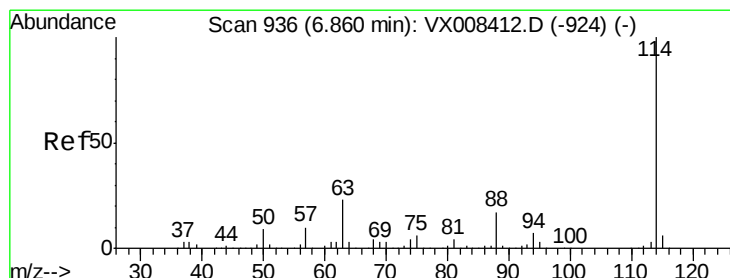
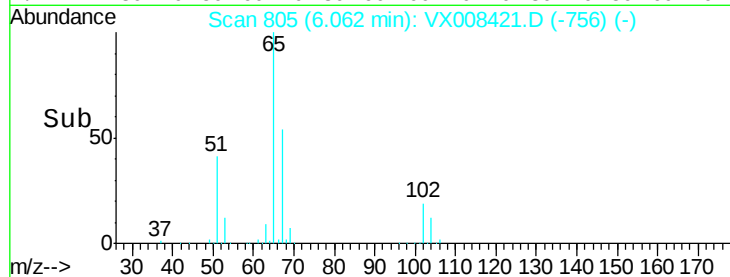
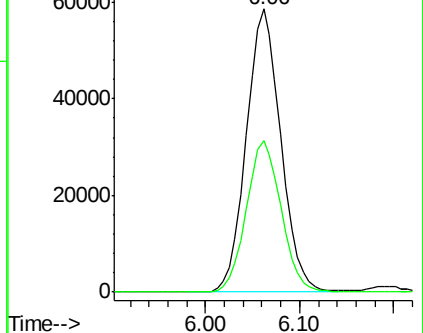
65 100

67 54.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

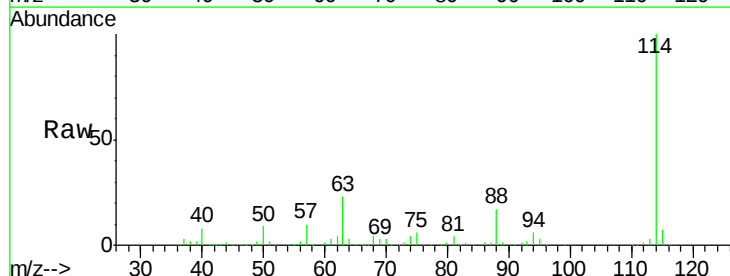
Tgt Ion:114 Resp: 337049

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.4

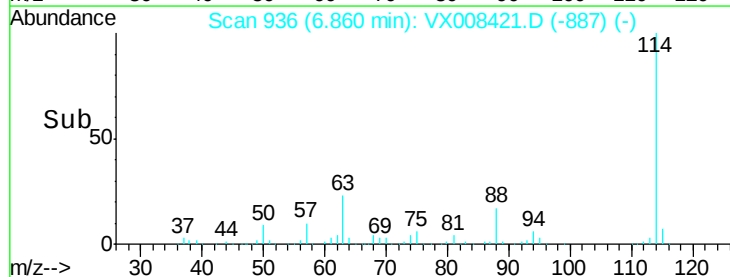
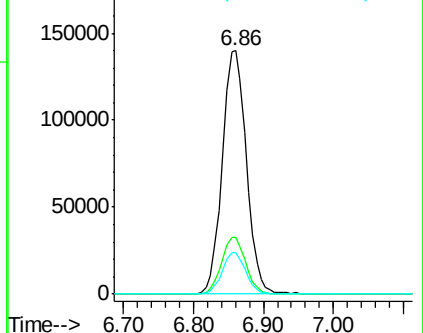
88 17.0 0.0 33.2

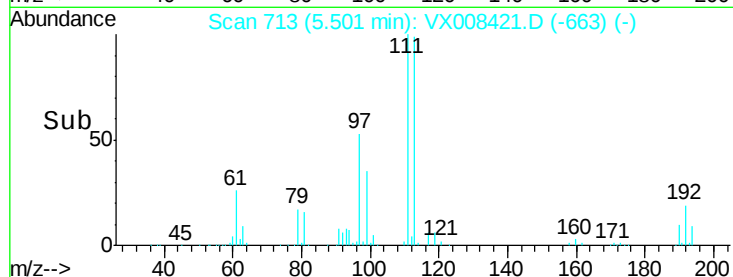
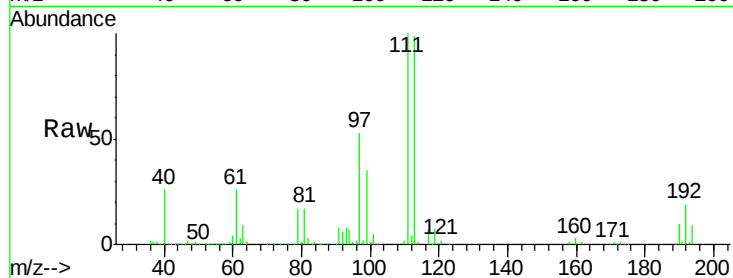
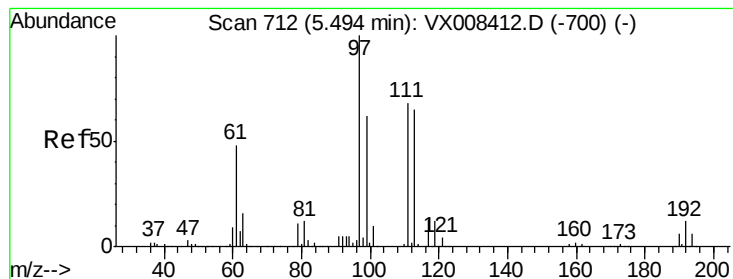


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.313 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampled :

VX0325WBS01

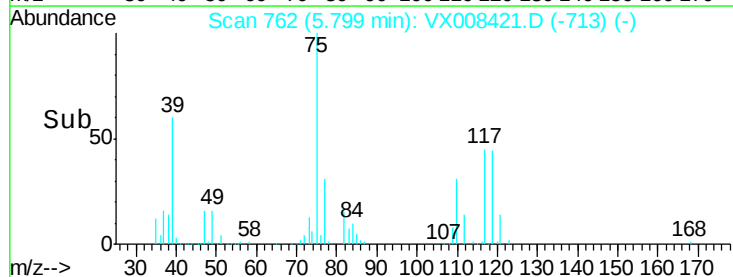
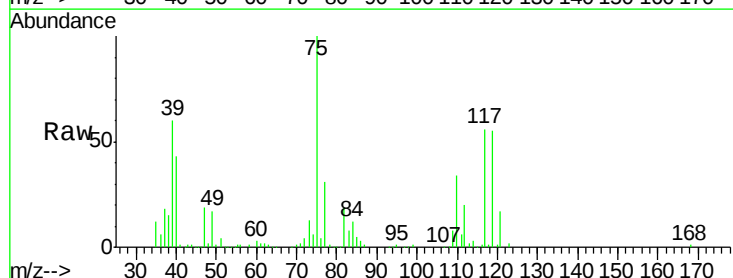
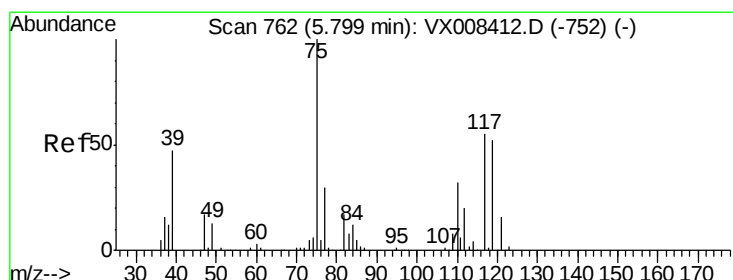
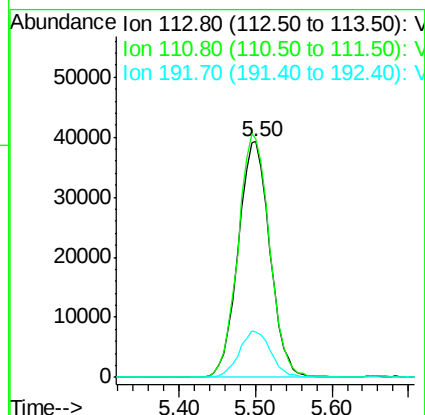
Tot Ion:113 Resp: 112772

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

192 19.6 15.6 23.4



#36

1,1-Dichloropropene

Concen: 18.311 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

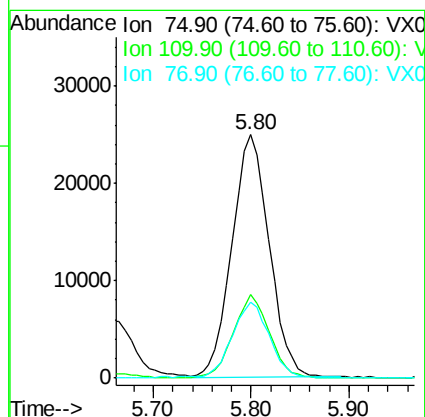
Tgt Ion: 75 Resp: 65805

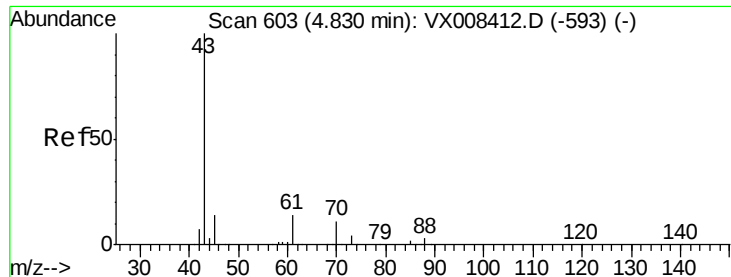
Ion Ratio Lower Upper

75 100

110 33.5 16.6 49.7

77 31.8 24.2 36.2

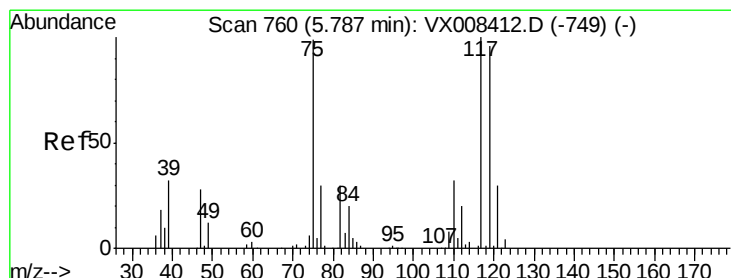
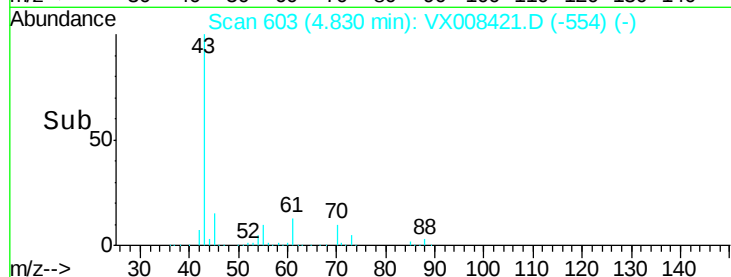
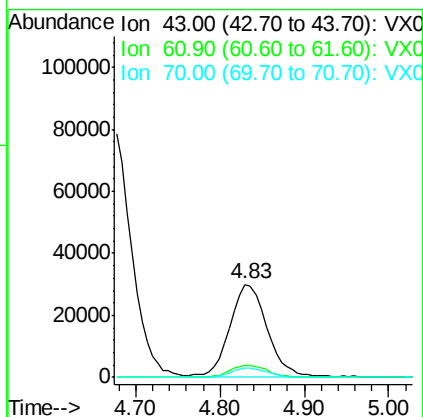
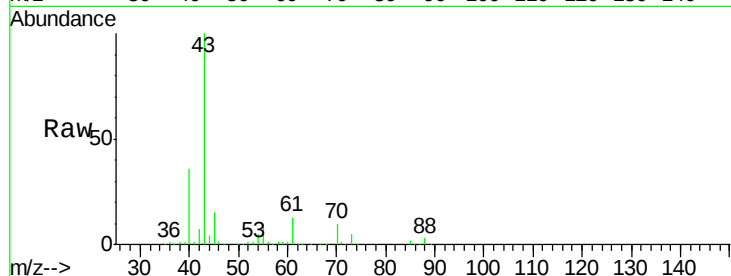




#37
Ethyl Acetate
Concen: 18.819 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

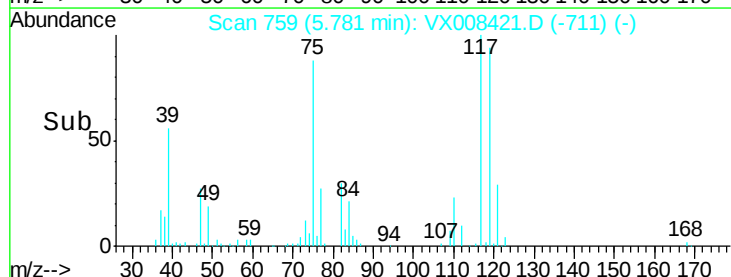
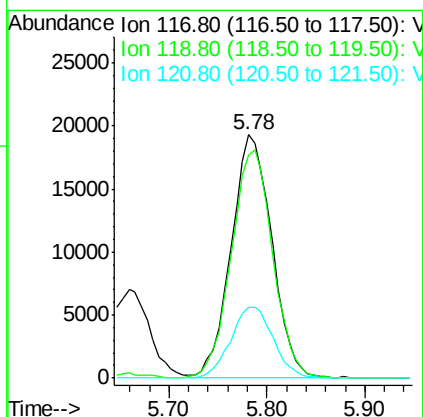
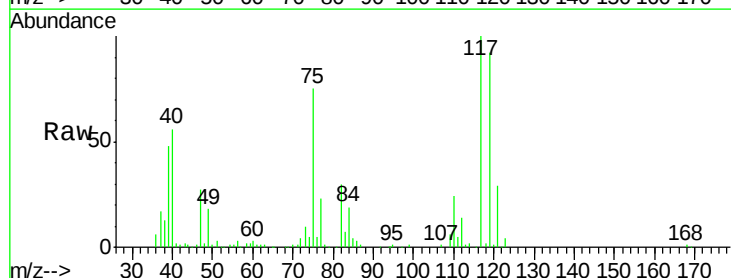
Instrument :
MSVOA_X
ClientSampled :
VX0325WBS01

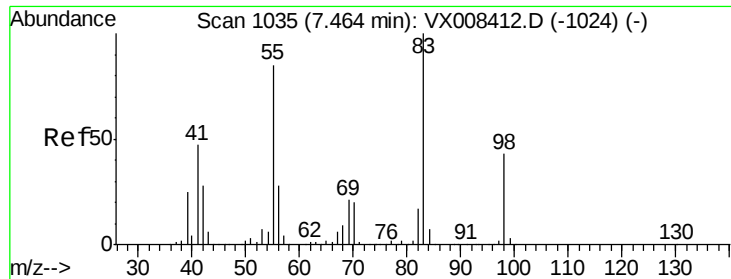
Tot Ion: 43 Resp: 87615
Ion Ratio Lower Upper
43 100
61 14.1 10.5 15.7
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.586 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Tgt Ion: 117 Resp: 55741
Ion Ratio Lower Upper
117 100
119 91.8 76.7 115.1
121 29.1 24.3 36.5

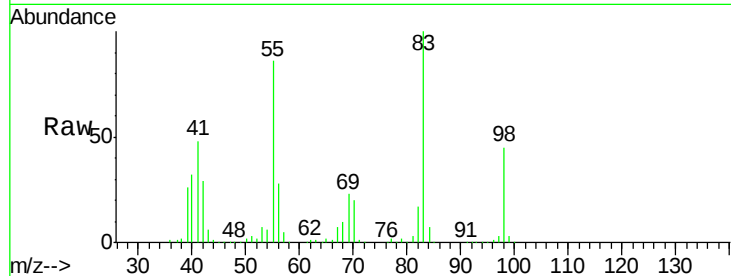




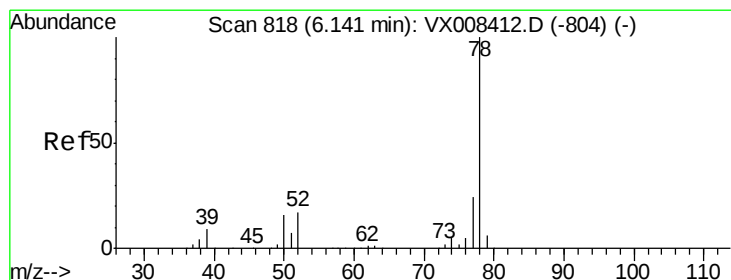
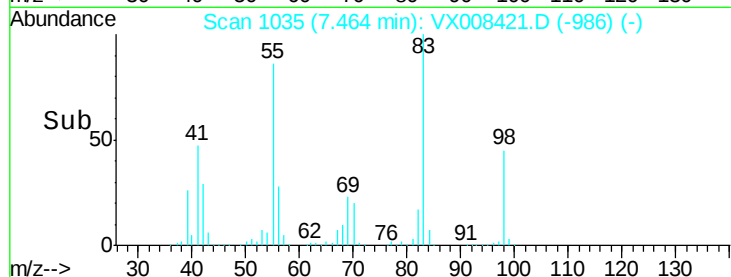
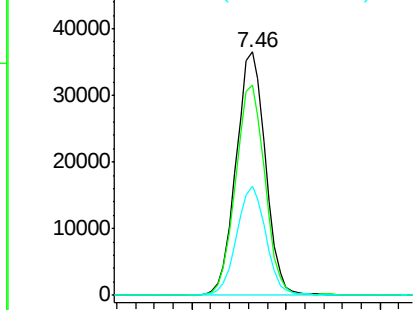
#39
Methvlcvclohexane
Concen: 18.562 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBS01

Tot Ion: 83 Resp: 79720
Ion Ratio Lower Upper
83 100
55 86.2 68.2 102.4
98 45.1 34.2 51.4

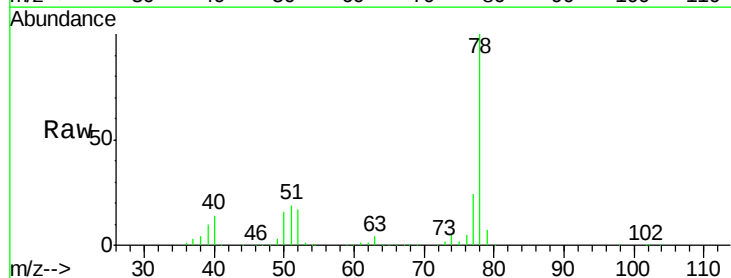


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

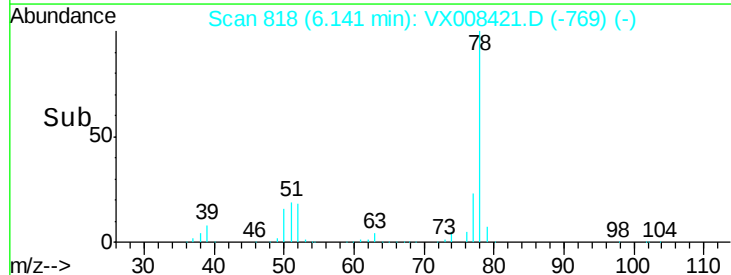
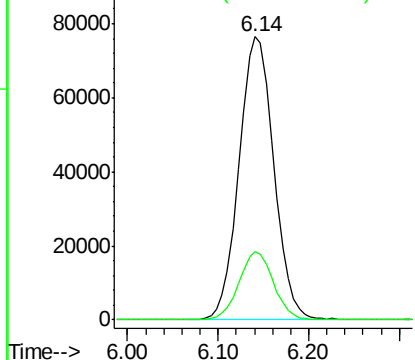


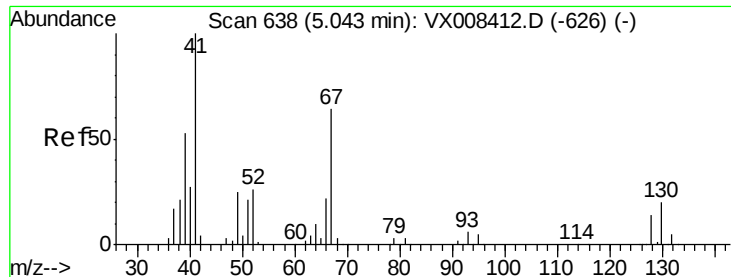
#40
Benzene
Concen: 18.922 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Tgt Ion: 78 Resp: 203571
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9



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





#41

Methacrylonitrile

Concen: 19.022 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBS01

Tot Ion: 41 Resp: 49766

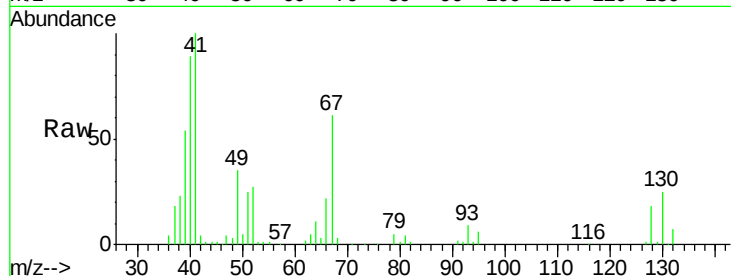
Ion Ratio Lower Upper

41 100

39 54.2 42.6 64.0

67 64.8 52.2 78.4

52 27.1 21.4 32.0

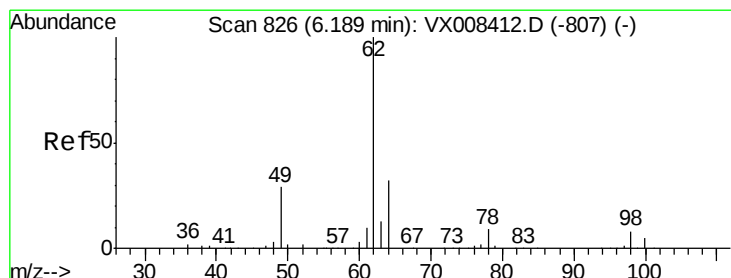
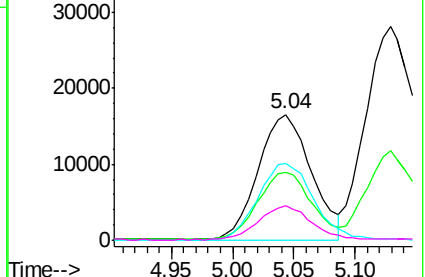
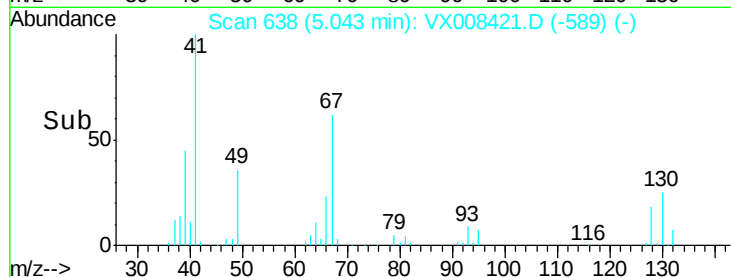


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.680 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX008421.D

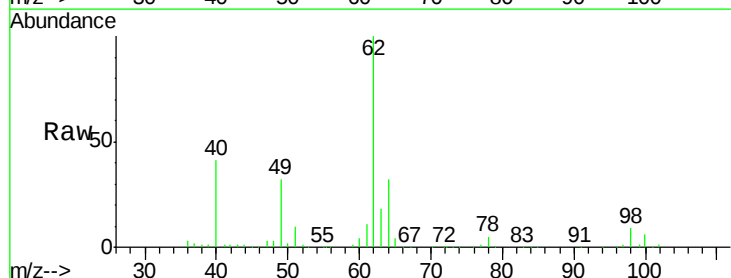
Acq: 25 Mar 2019 19:50

Tgt Ion: 62 Resp: 73580

Ion Ratio Lower Upper

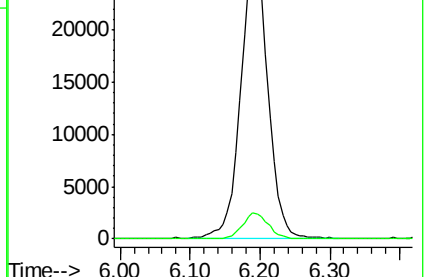
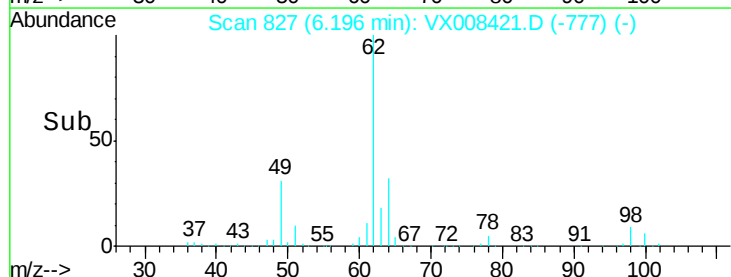
62 100

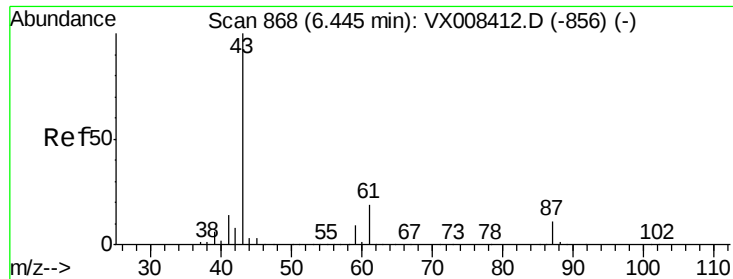
98 8.8 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



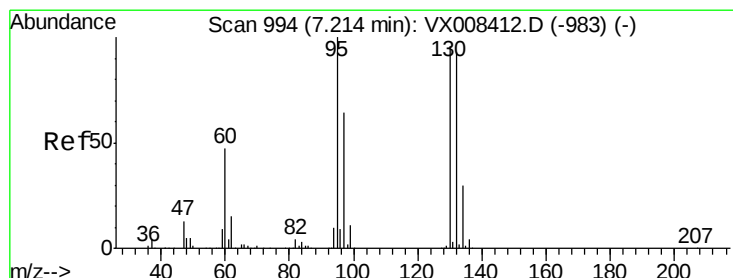
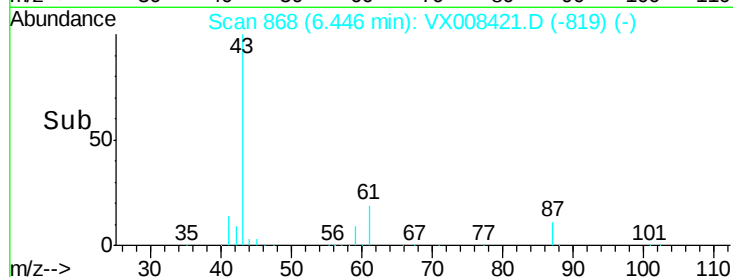
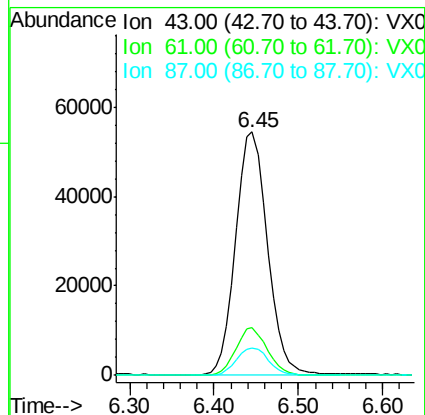
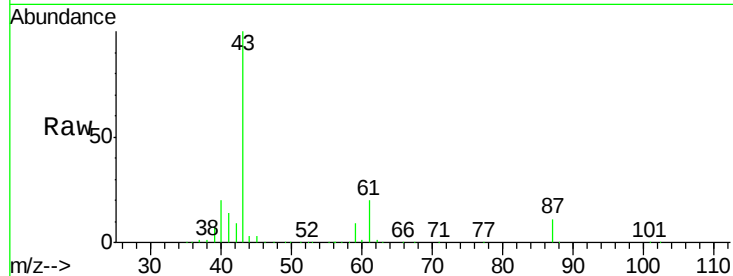


#43

Isopropyl Acetate
 Concen: 18.699 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS01

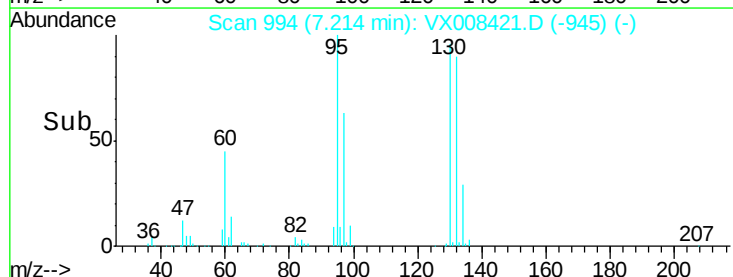
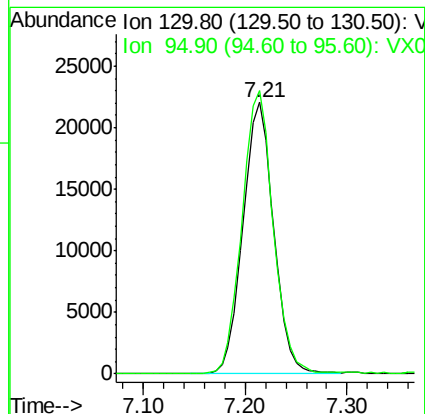
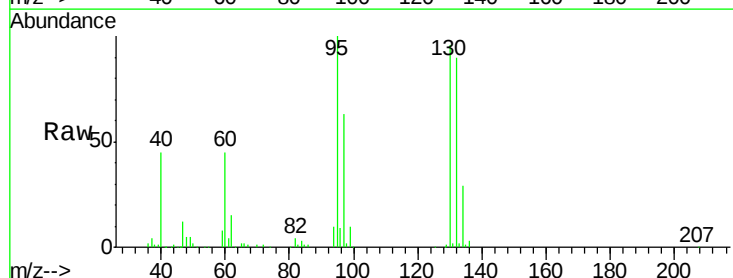
Tot Ion: 43 Resp: 139247
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.4 23.2
 87 11.6 9.1 13.7

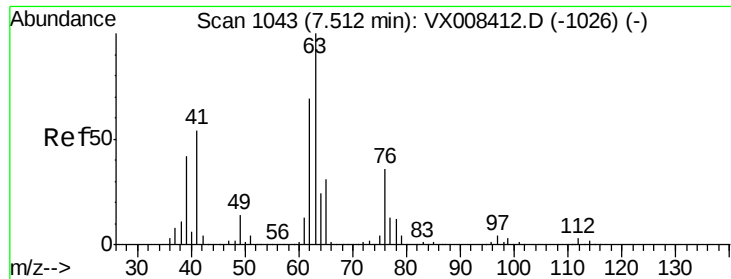


#44

Trichloroethene
 Concen: 18.293 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

Tgt Ion:130 Resp: 46211
 Ion Ratio Lower Upper
 130 100
 95 104.2 0.0 208.8





#45

1,2-Dichloropropane

Concen: 18.809 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

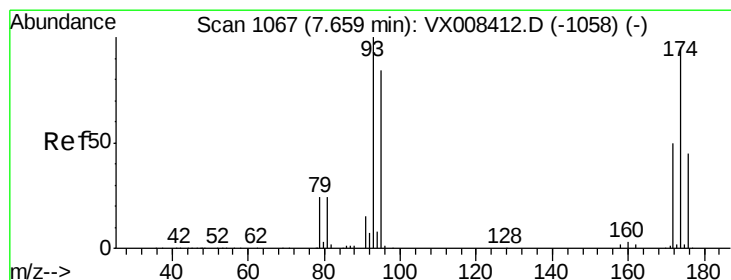
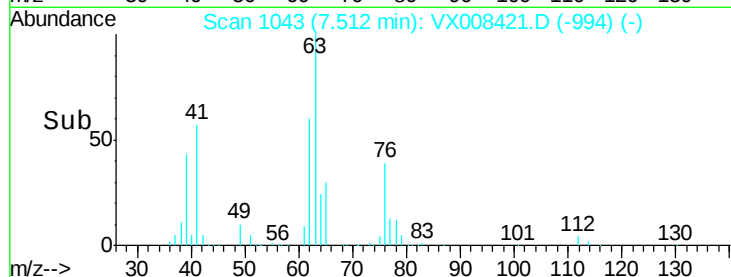
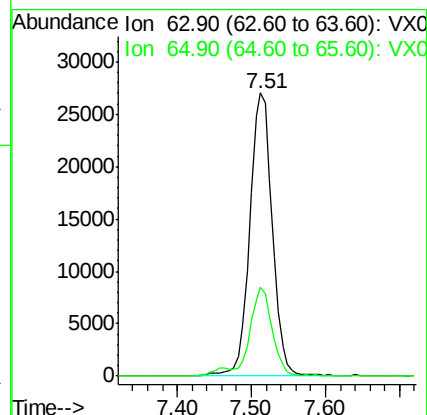
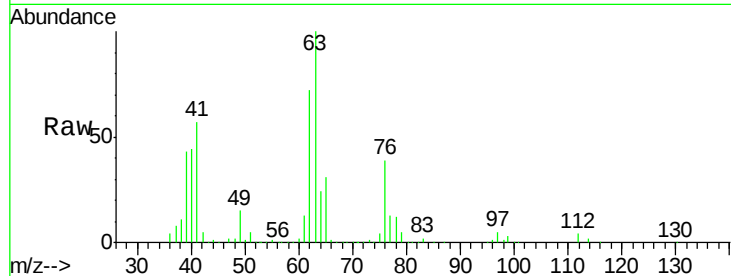
VX0325WBS01

Tot Ion: 63 Resp: 57518

Ion Ratio Lower Upper

63 100

65 31.4 25.1 37.7



#46

Dibromomethane

Concen: 18.494 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

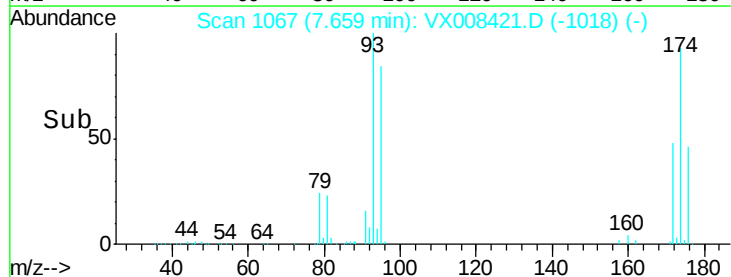
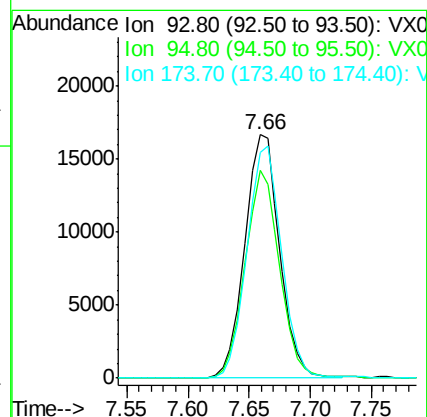
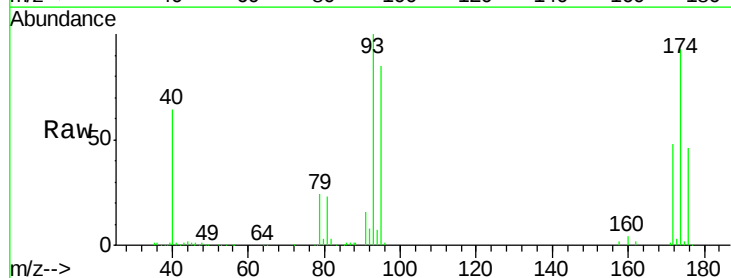
Tgt Ion: 93 Resp: 33025

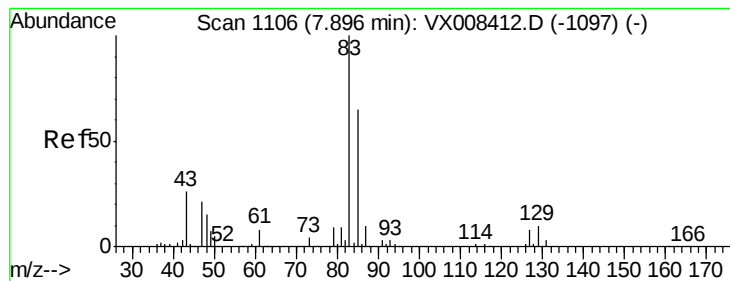
Ion Ratio Lower Upper

93 100

95 84.1 67.0 100.6

174 95.1 76.0 114.0





#47

Bromodichloromethane

Concen: 18.903 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBS01

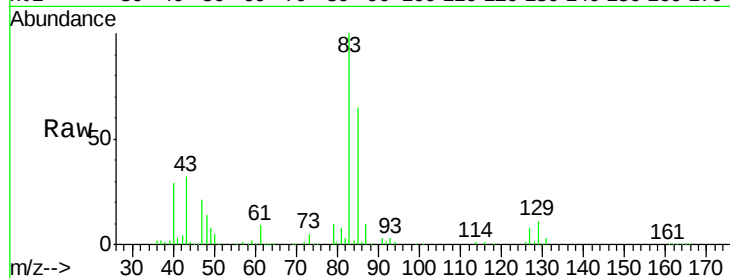
Tot Ion: 83 Resp: 64612

Ion Ratio Lower Upper

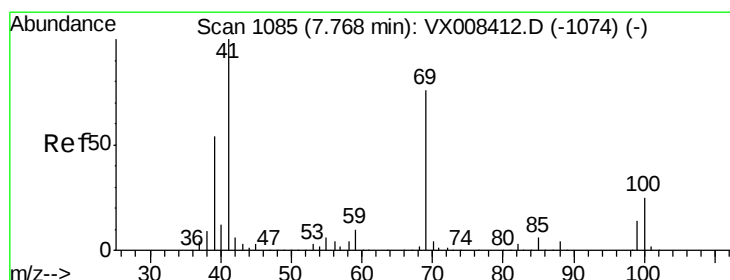
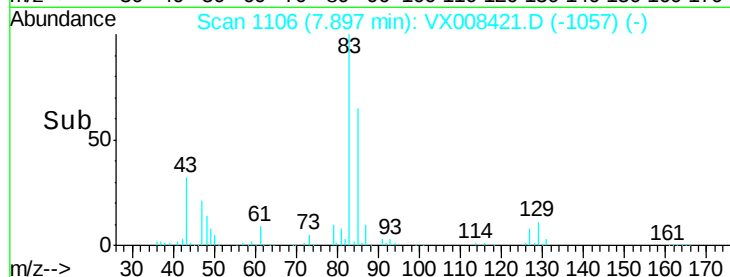
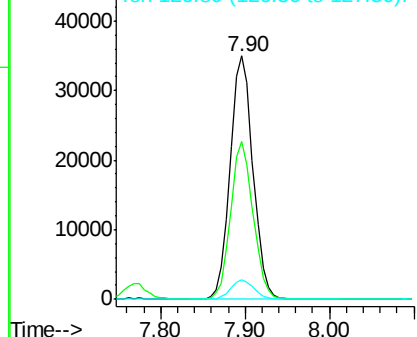
83 100

85 65.0 52.0 78.0

127 8.3 6.4 9.6



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: 18.834 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

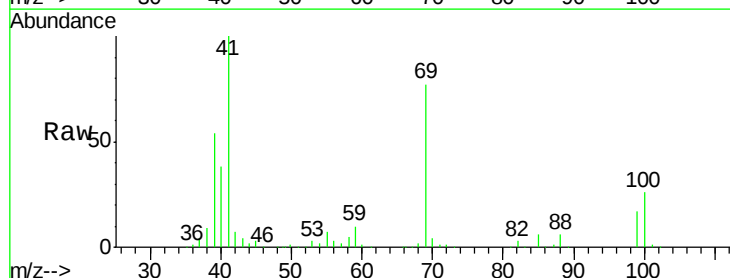
Tgt Ion: 41 Resp: 70175

Ion Ratio Lower Upper

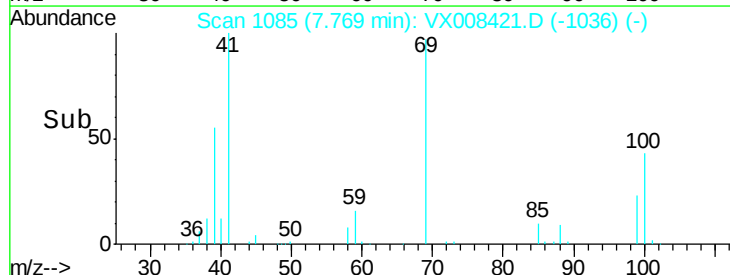
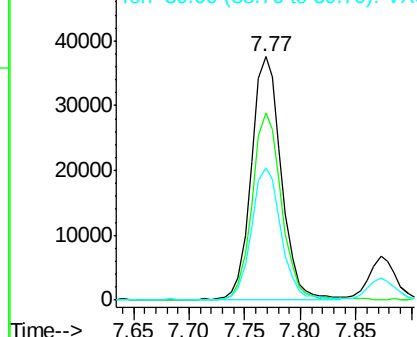
41 100

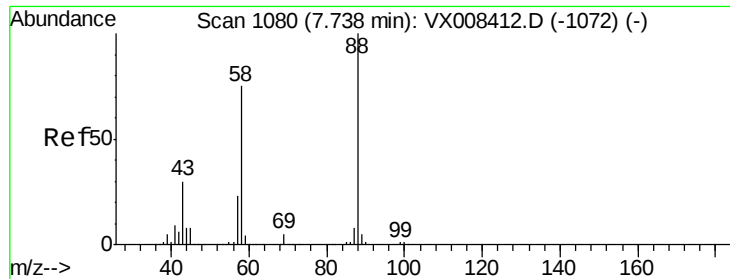
69 76.1 60.8 91.2

39 53.1 42.3 63.5



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

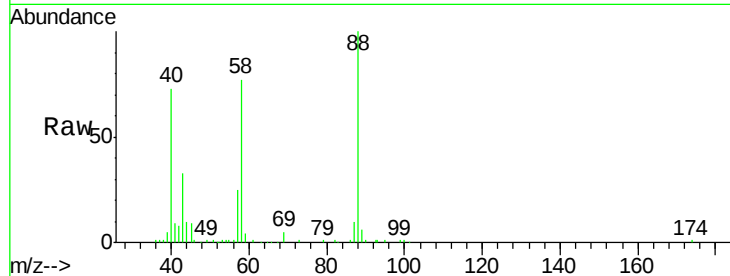




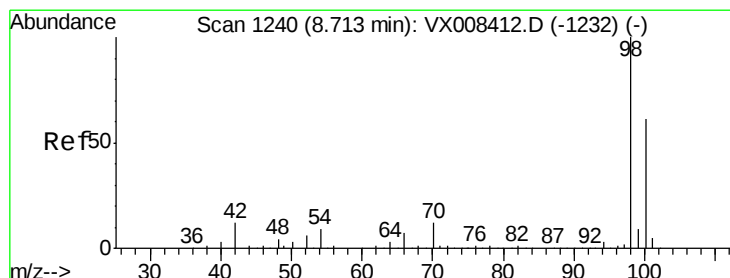
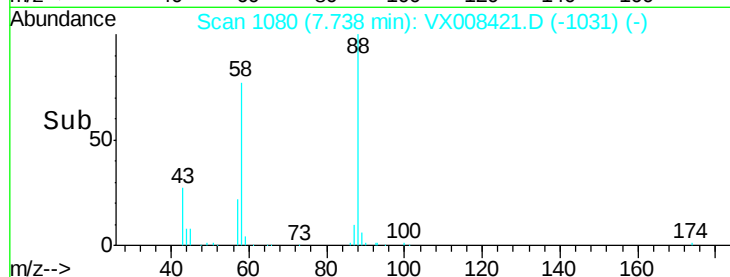
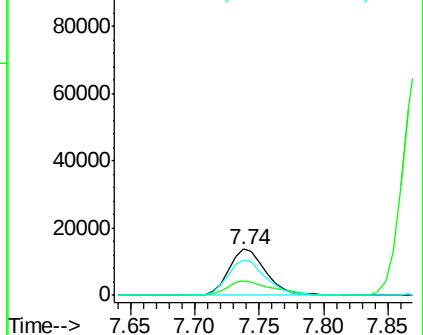
#49
 1,4-Dioxane
 Concen: 370.034 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS01

Tot Ion: 88 Resp: 27414
 Ion Ratio Lower Upper
 88 100
 43 38.7 28.6 43.0
 58 81.0 63.0 94.4

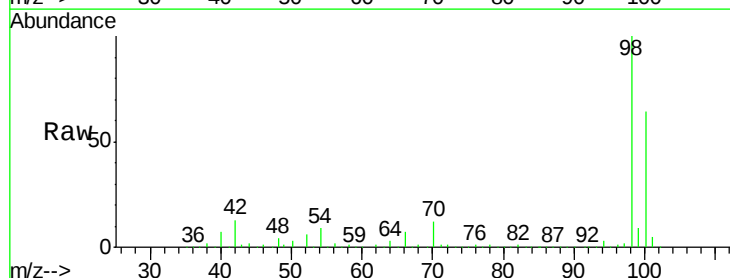


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

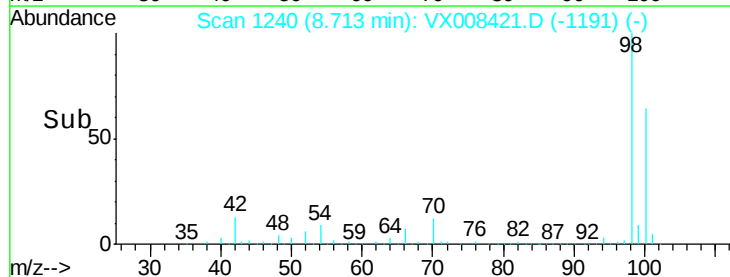
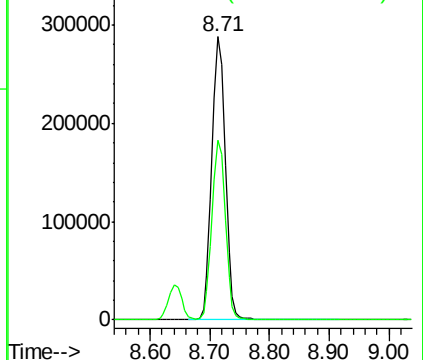


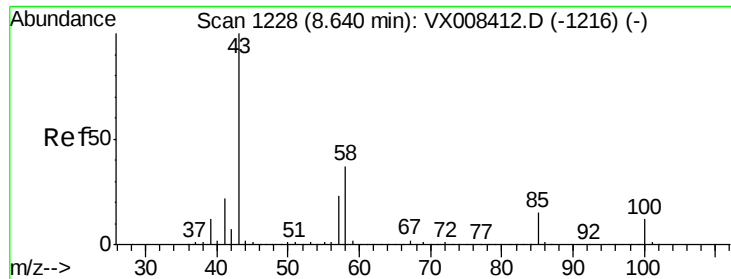
#50
 Toluene-d8
 Concen: 51.017 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

Tgt Ion: 98 Resp: 448325
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 95.212 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

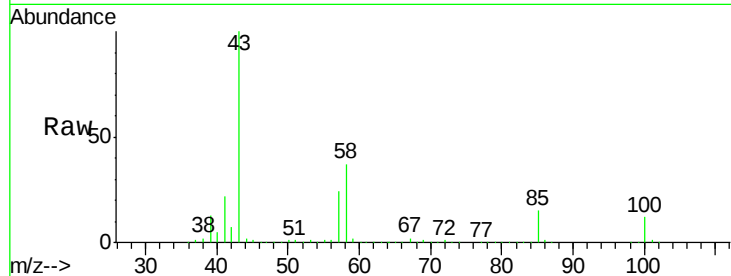
VX0325WBS01

Tot Ion: 43 Resp: 460506

Ion Ratio Lower Upper

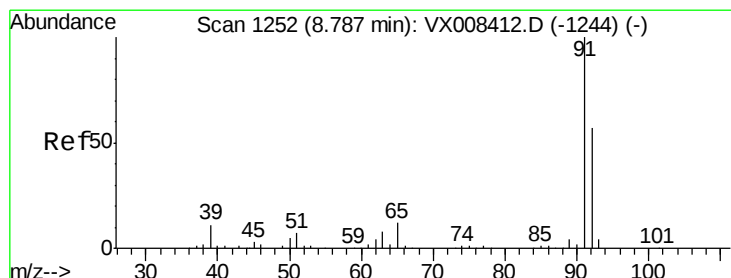
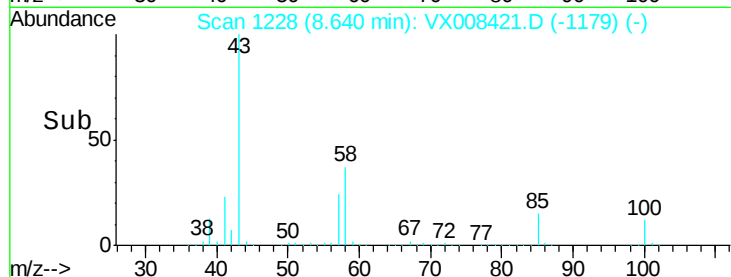
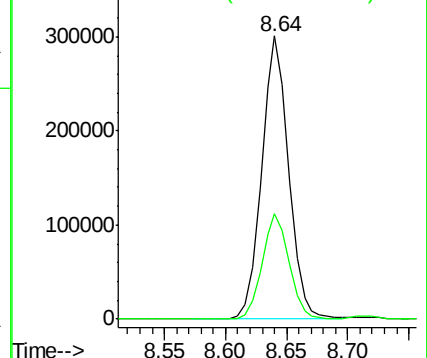
43 100

58 37.5 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.627 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008421.D

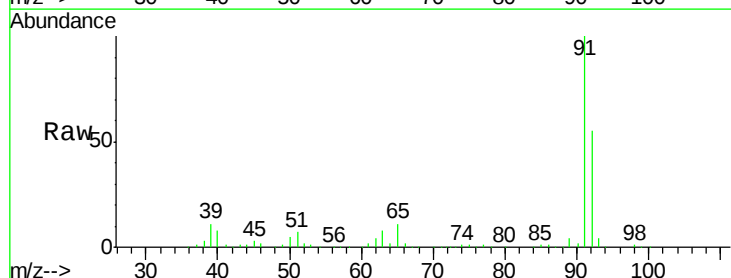
Acq: 25 Mar 2019 19:50

Tgt Ion: 92 Resp: 119826

Ion Ratio Lower Upper

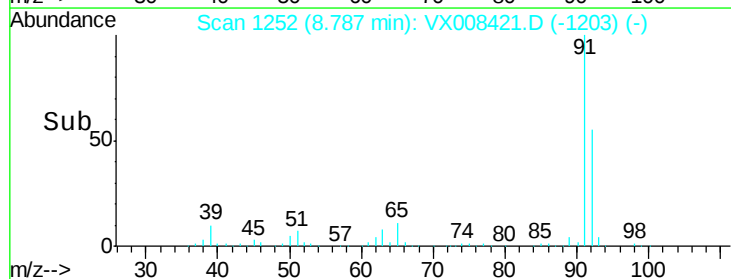
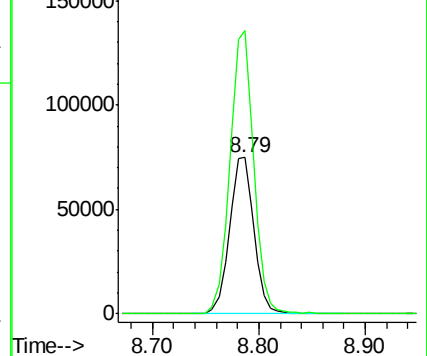
92 100

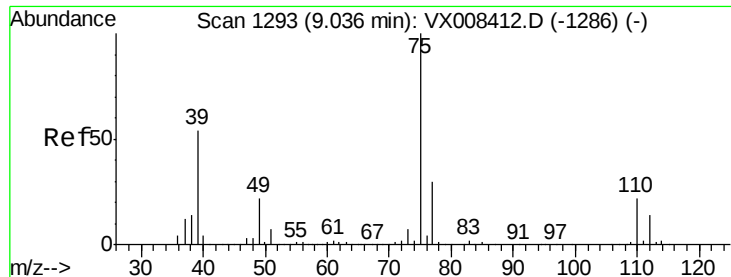
91 177.8 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.649 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

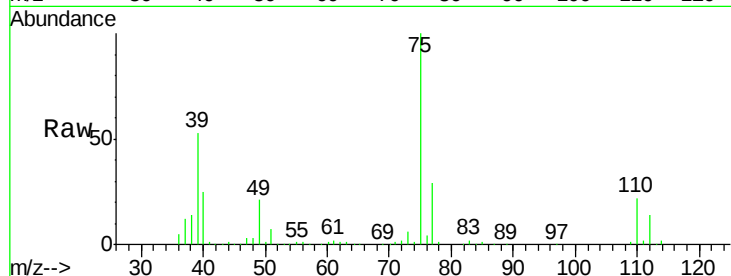
VX0325WBS01

Tot Ion: 75 Resp: 69816

Ion Ratio Lower Upper

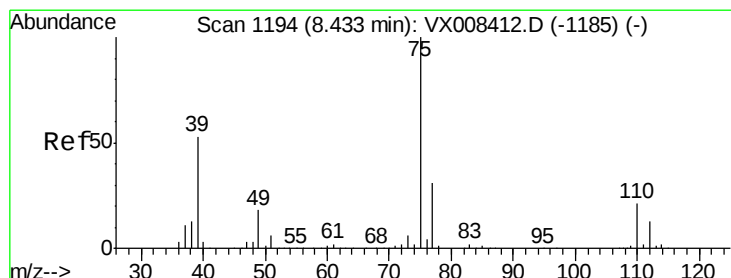
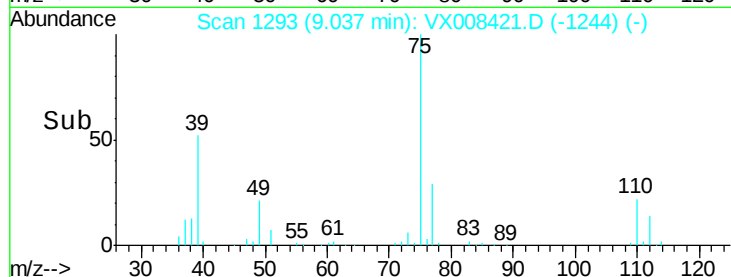
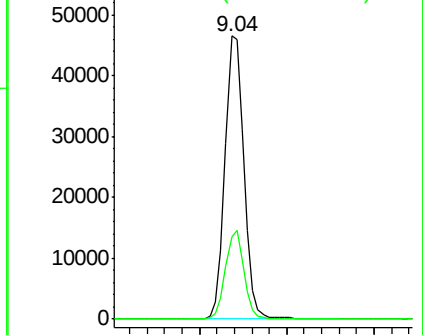
75 100

77 29.3 24.3 36.5



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: 18.530 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

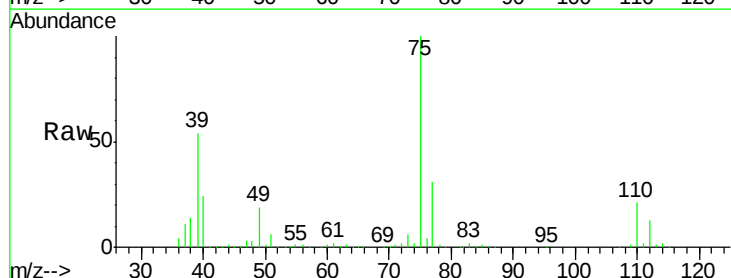
Tgt Ion: 75 Resp: 78887

Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1

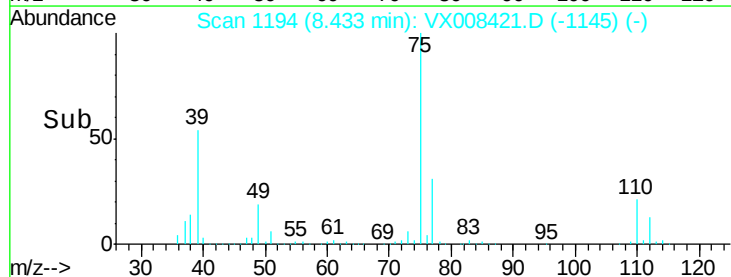
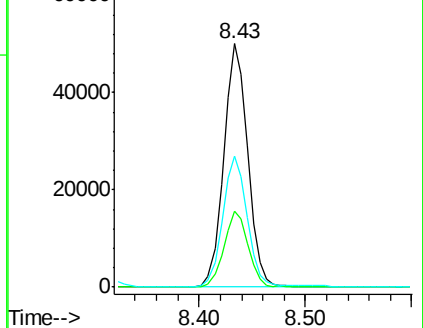
39 53.7 42.4 63.6

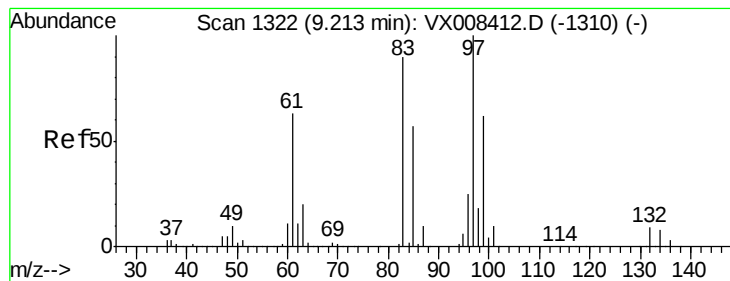


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 18.872 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampled :

VX0325WBS01

Tot Ion: 97 Resp: 49418

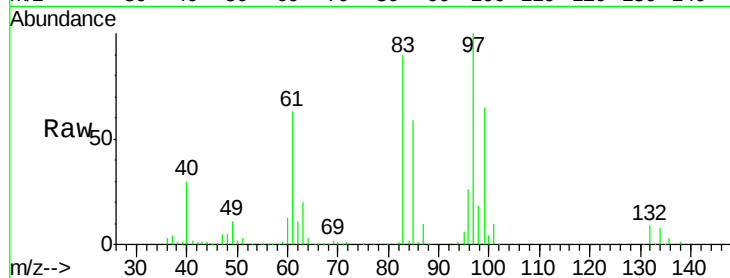
Ion Ratio Lower Upper

97 100

83 90.2 71.8 107.6

85 59.0 45.9 68.9

99 64.5 49.4 74.0

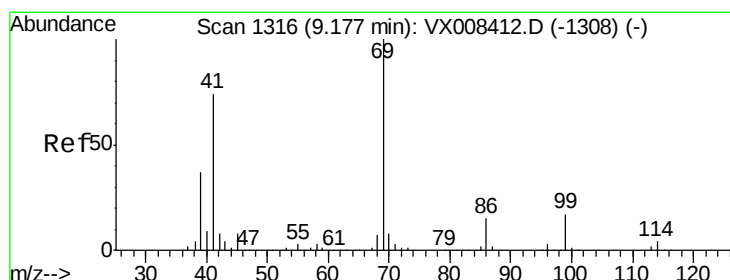
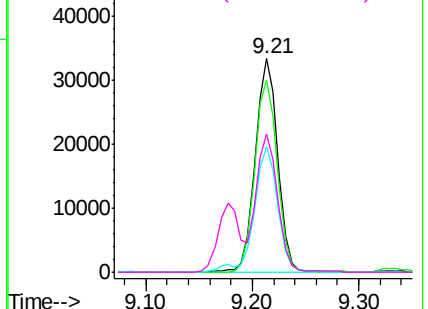
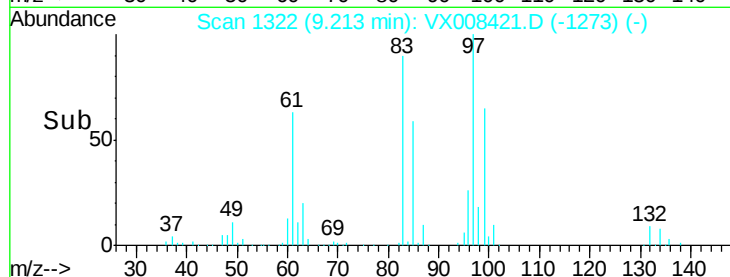


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.181 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

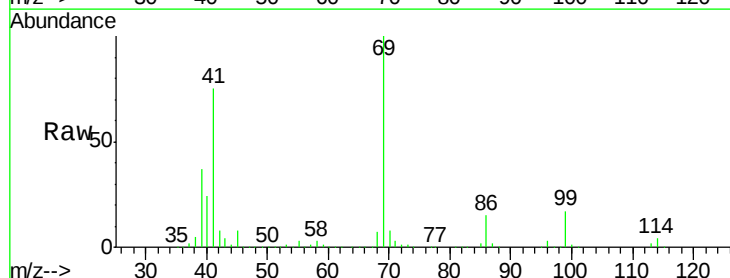
Tgt Ion: 69 Resp: 90663

Ion Ratio Lower Upper

69 100

41 72.9 59.5 89.3

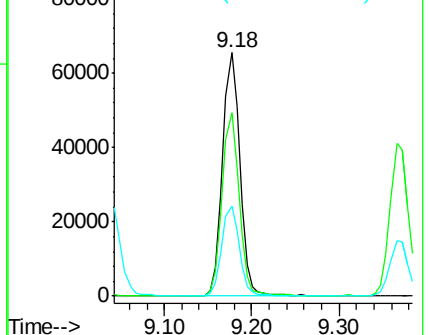
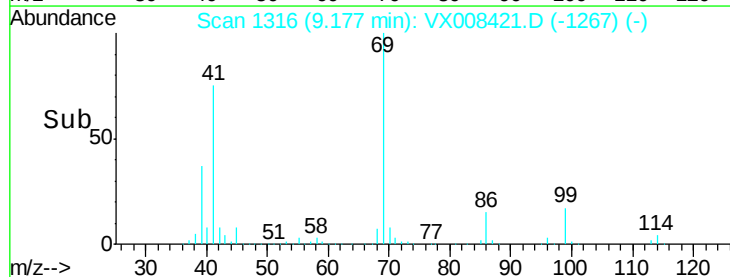
39 37.1 29.3 43.9

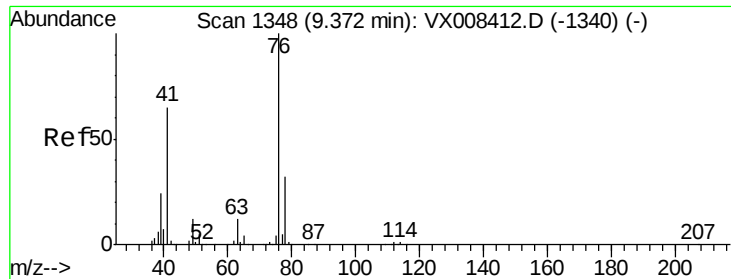


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.069 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

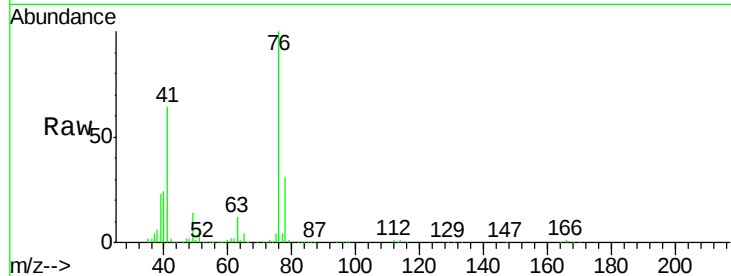
VX0325WBS01

Tot Ion: 76 Resp: 89530

Ion Ratio Lower Upper

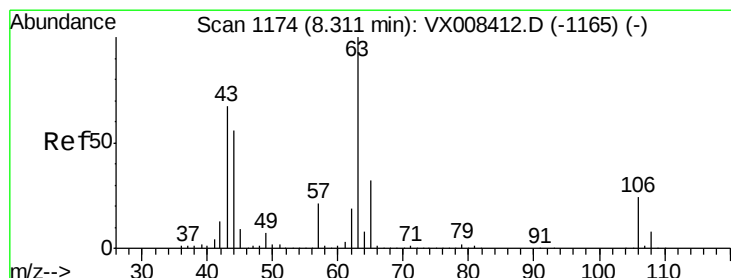
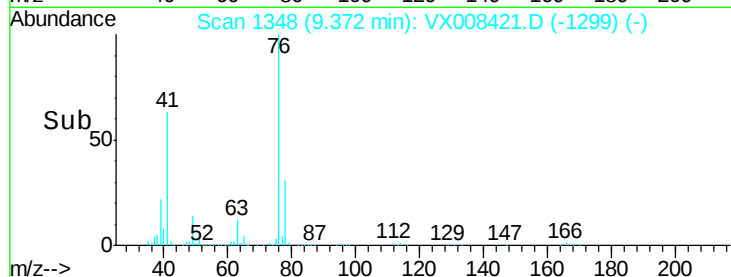
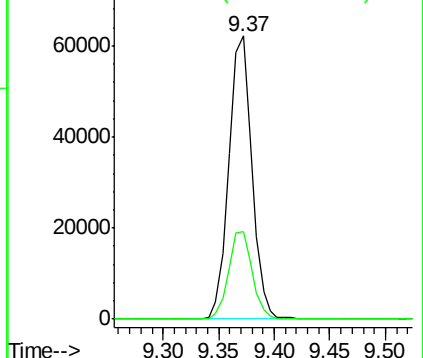
76 100

78 31.5 25.8 38.8



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: 95.254 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008421.D

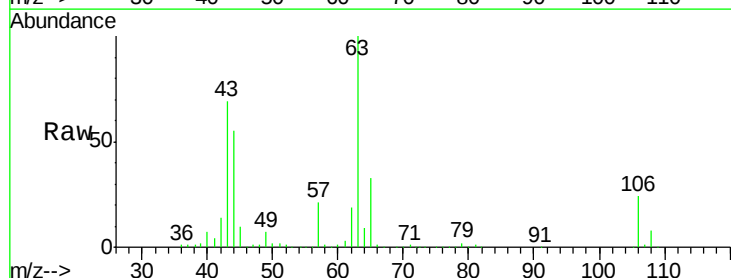
Acq: 25 Mar 2019 19:50

Tgt Ion: 63 Resp: 232741

Ion Ratio Lower Upper

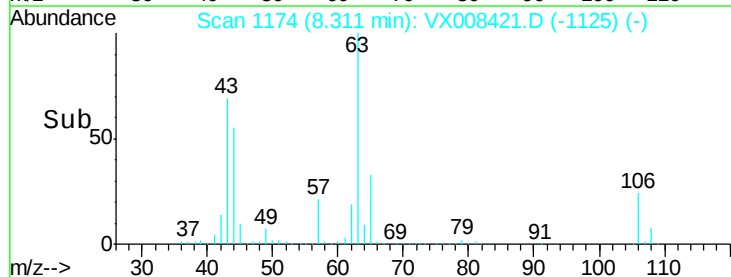
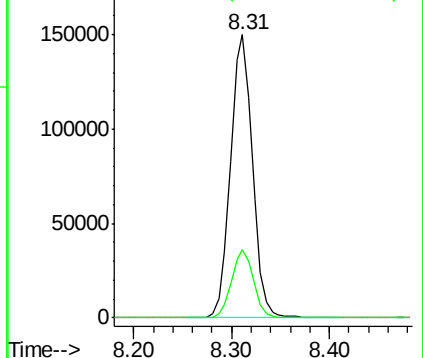
63 100

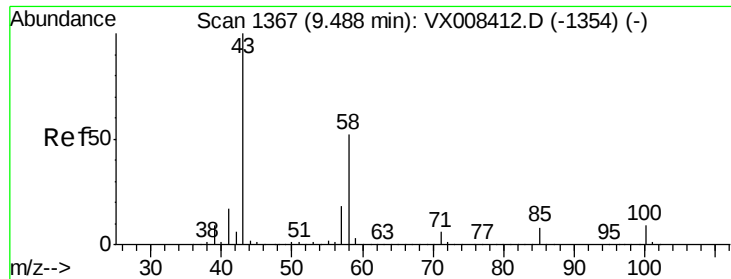
106 24.1 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

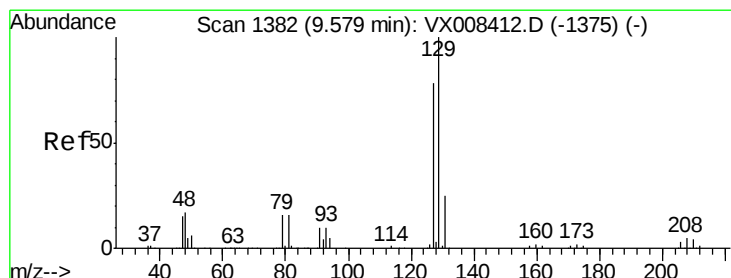
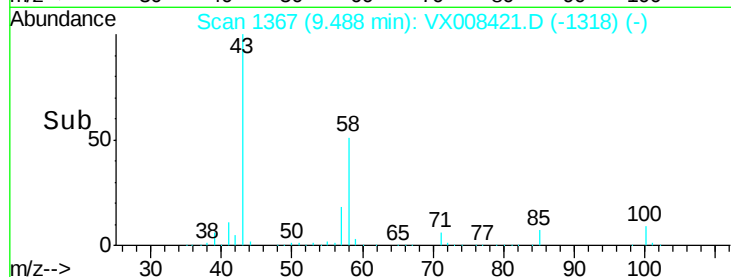
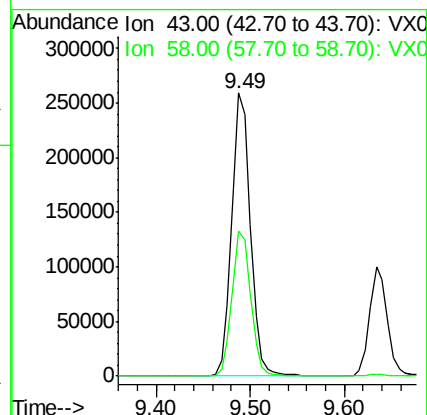
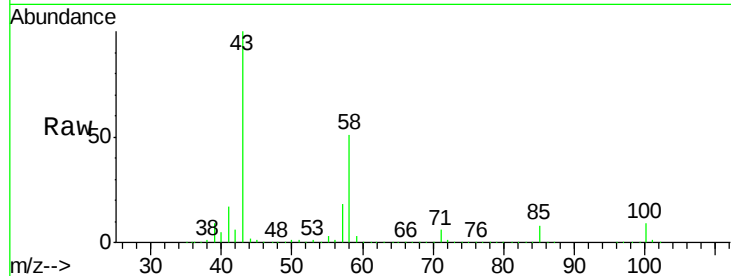




#59
2-Hexanone
Concen: 95.673 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

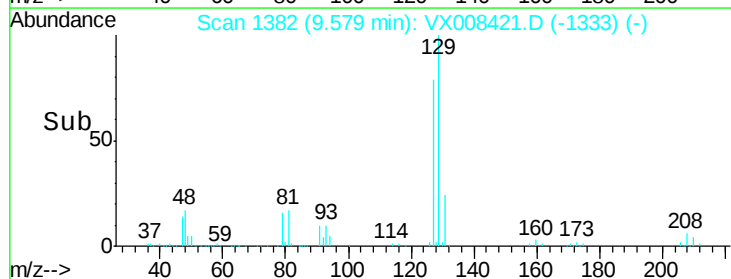
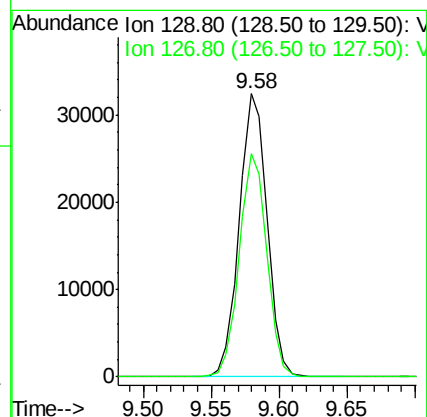
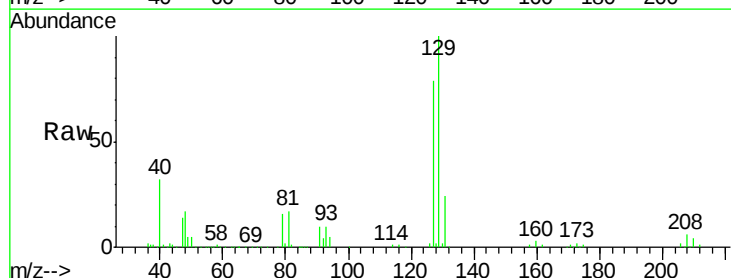
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBS01

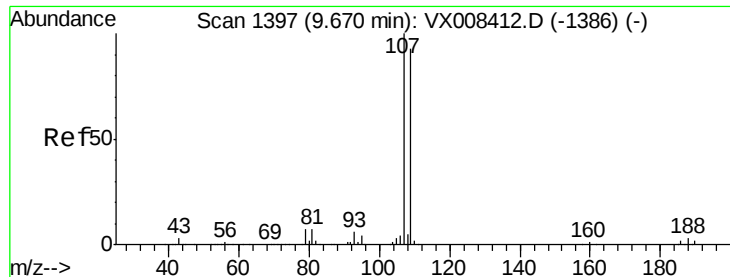
Tot Ion: 43 Resp: 358551
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9



#60
Dibromochloromethane
Concen: 18.590 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Tgt Ion:129 Resp: 46296
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.3





#61

1,2-Dibromoethane

Concen: 18.975 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

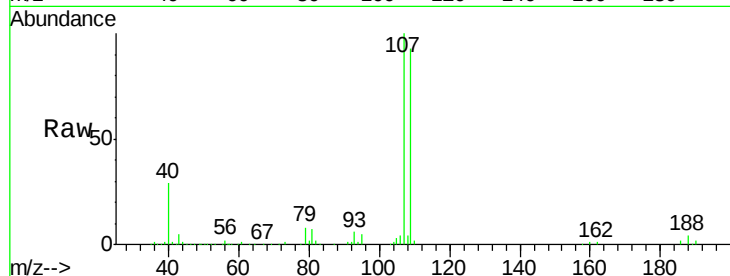
VX0325WBS01

Tot Ion:107 Resp: 50708

Ion Ratio Lower Upper

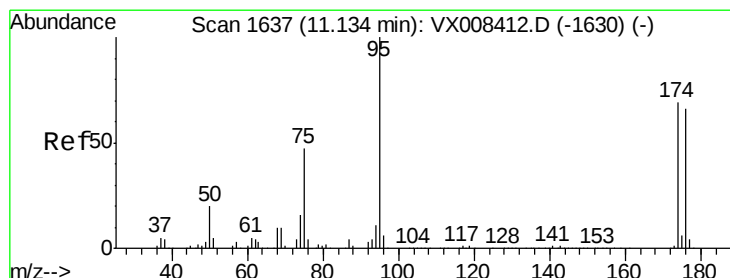
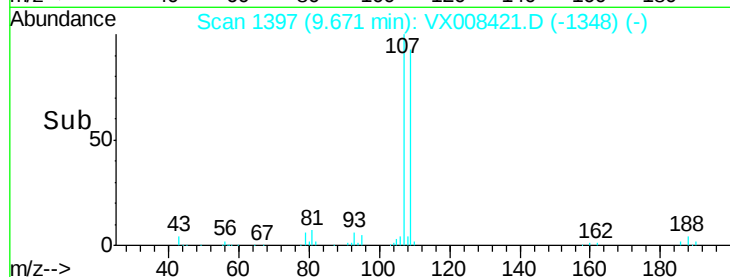
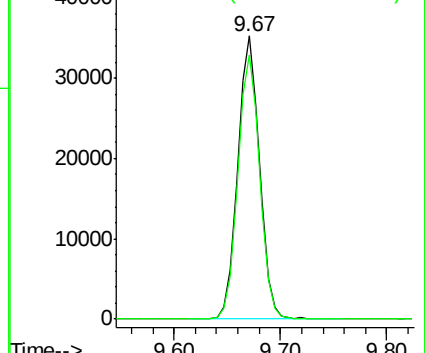
107 100

109 93.7 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.132 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

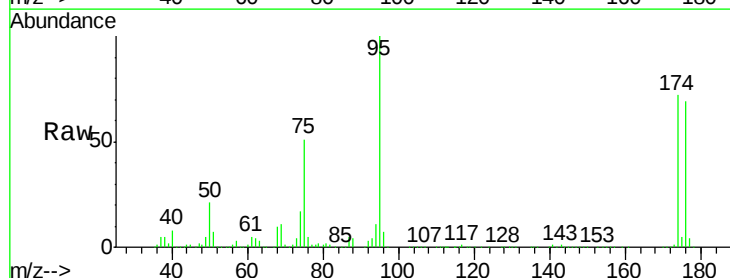
Tgt Ion: 95 Resp: 163249

Ion Ratio Lower Upper

95 100

174 74.6 0.0 147.2

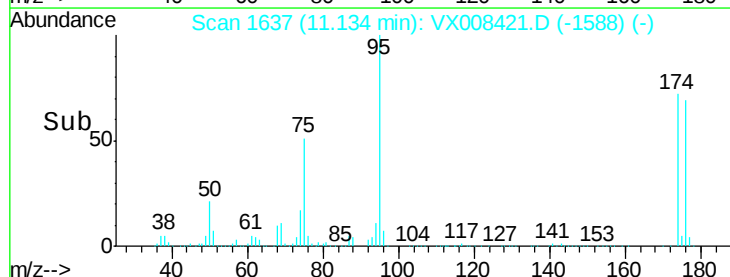
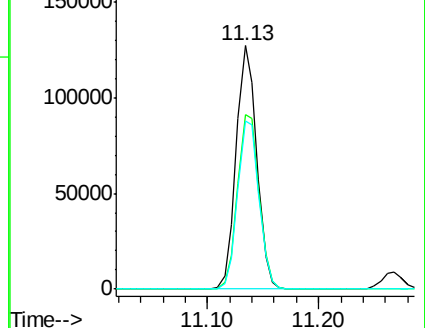
176 71.6 0.0 142.4

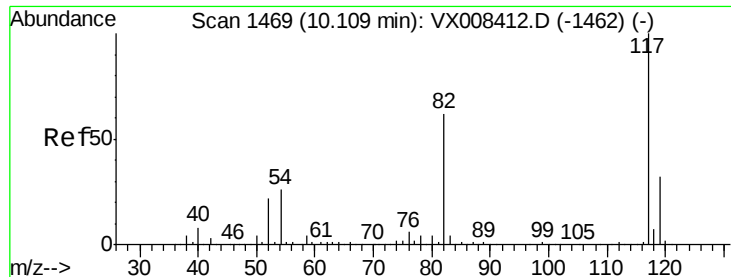


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

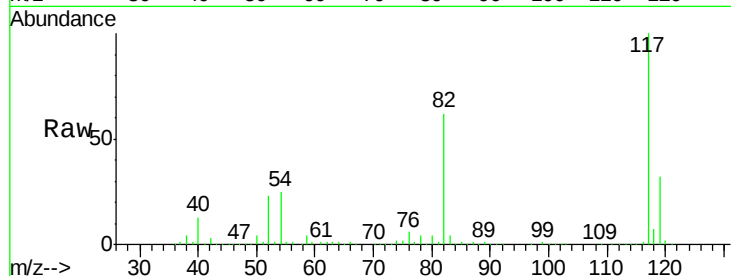




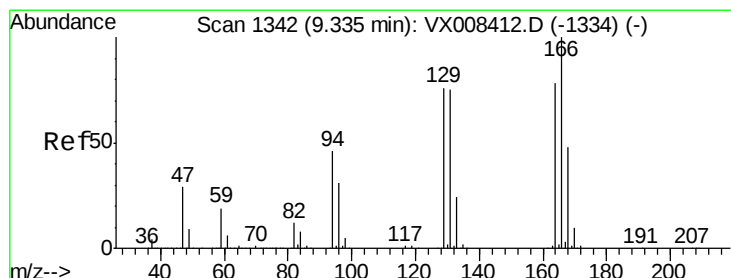
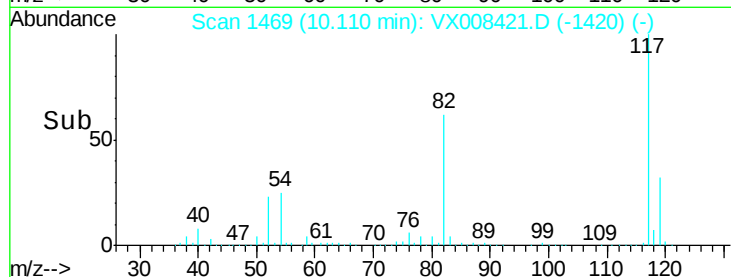
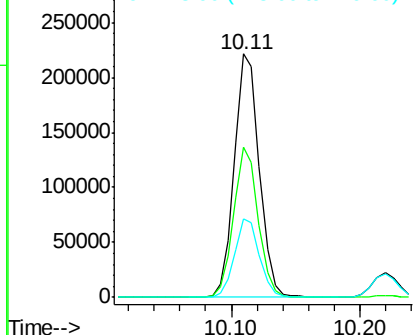
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBS01

Tot Ion:117 Resp: 300547
Ion Ratio Lower Upper
117 100
82 61.8 49.4 74.2
119 32.0 25.4 38.0



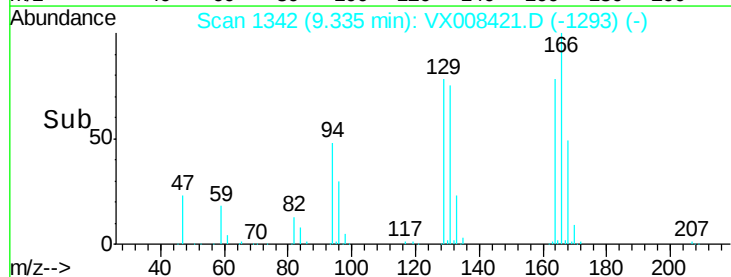
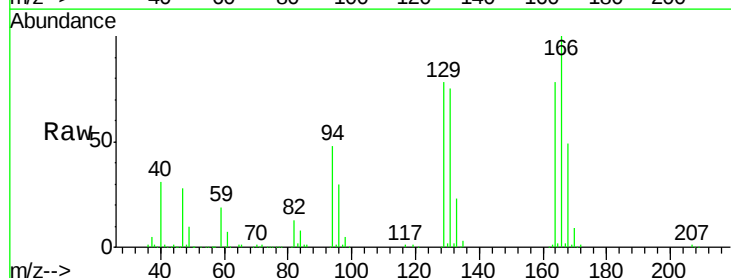
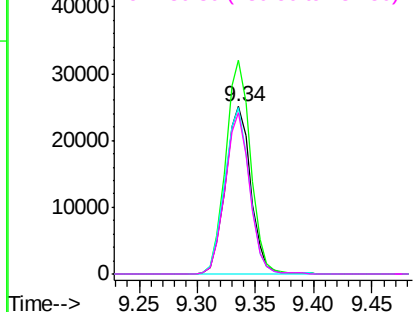
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

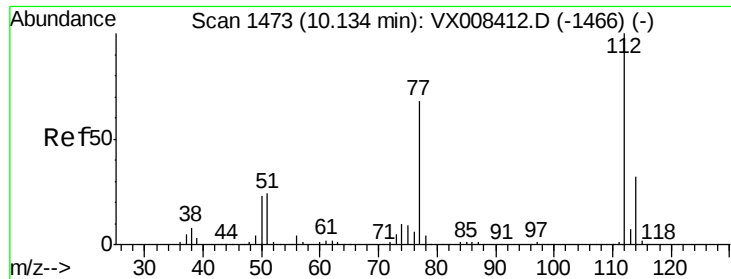


#64
Tetrachloroethene
Concen: 18.529 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Tgt Ion:164 Resp: 37701
Ion Ratio Lower Upper
164 100
166 127.7 102.5 153.7
129 99.3 77.8 116.8
131 96.1 76.9 115.3

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

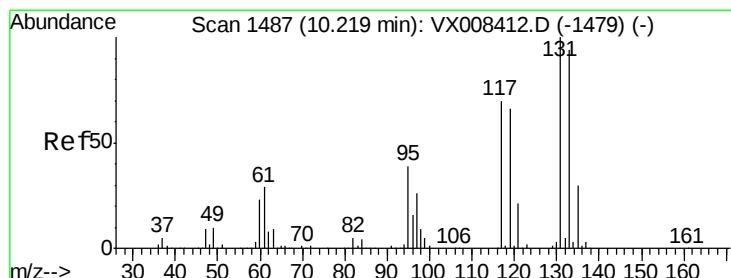
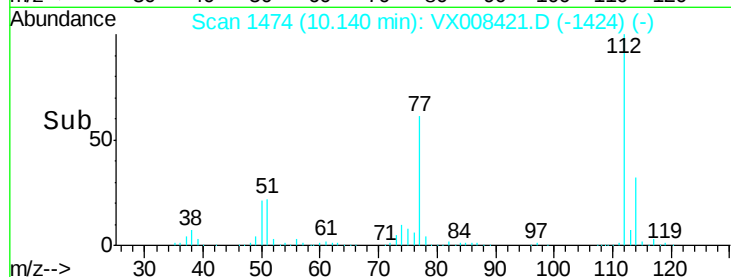
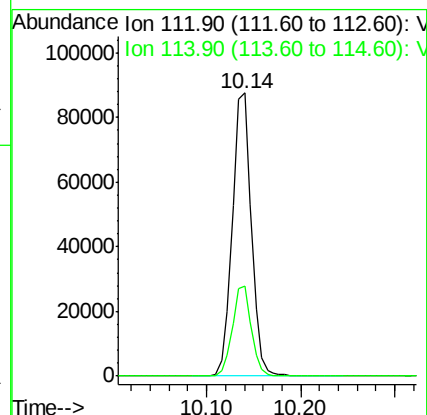
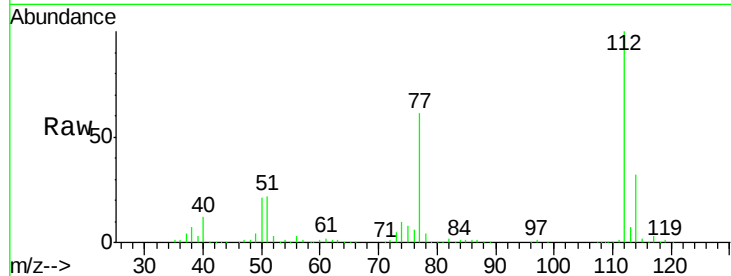




#65
Chlorobenzene
Concen: 18.839 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

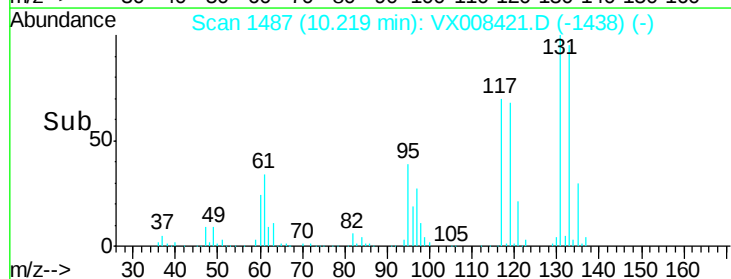
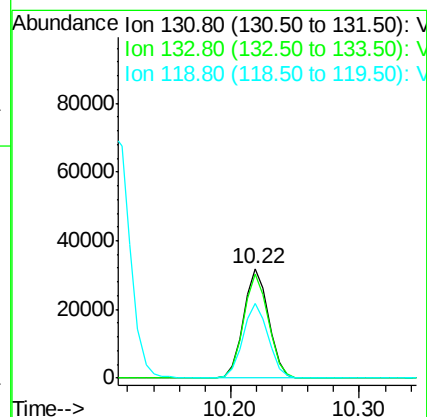
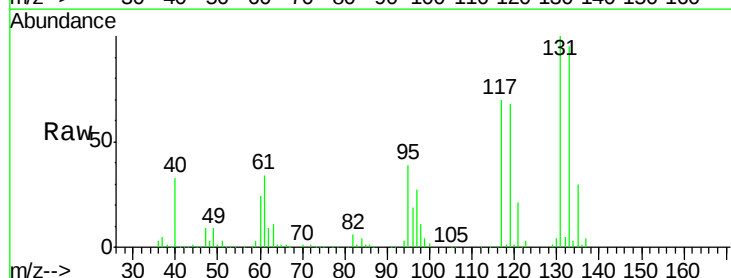
Instrument :
MSVOA_X
ClientSampled :
VX0325WBS01

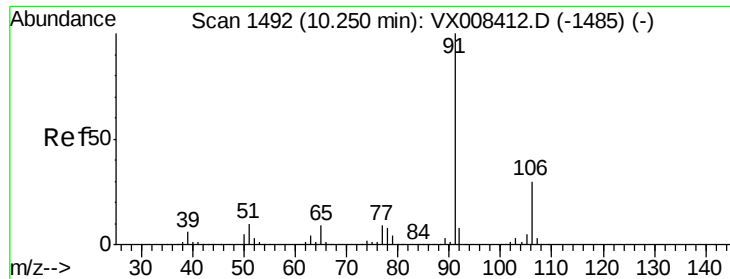
Tot Ion:112 Resp: 123133
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.014 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Tgt Ion:131 Resp: 42876
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.8
119 68.7 33.6 100.6





#67

Ethyl Benzene

Concen: 18.798 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampled :

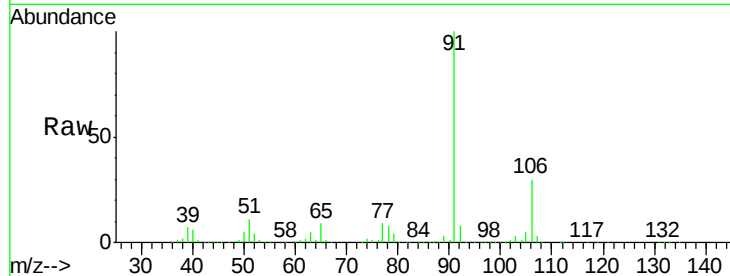
VX0325WBS01

Tot Ion: 91 Resp: 231878

Ion Ratio Lower Upper

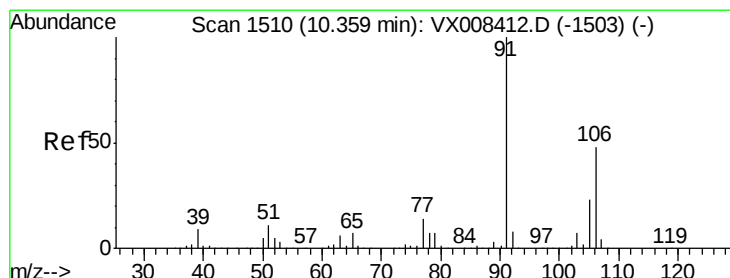
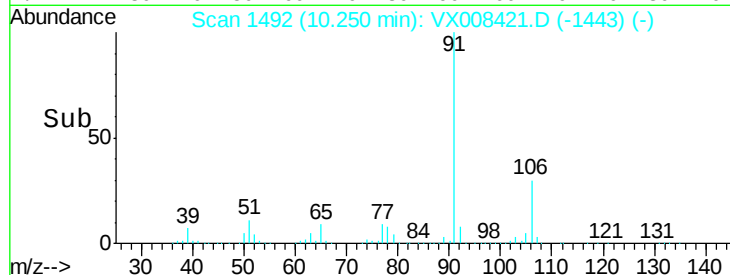
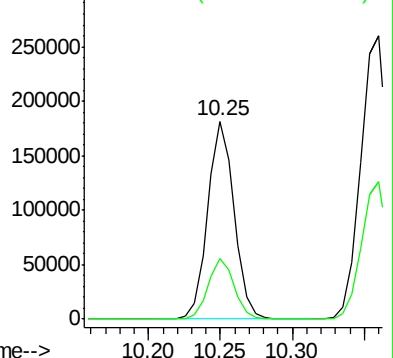
91 100

106 30.4 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.628 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008421.D

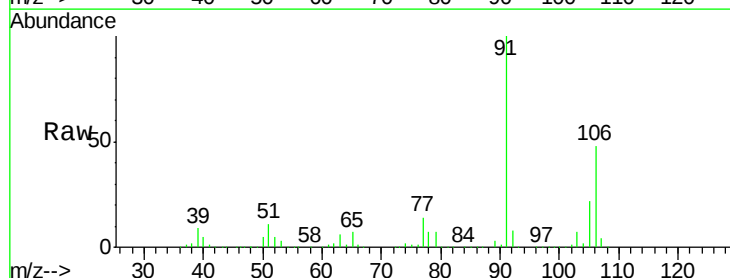
Acq: 25 Mar 2019 19:50

Tgt Ion: 106 Resp: 168855

Ion Ratio Lower Upper

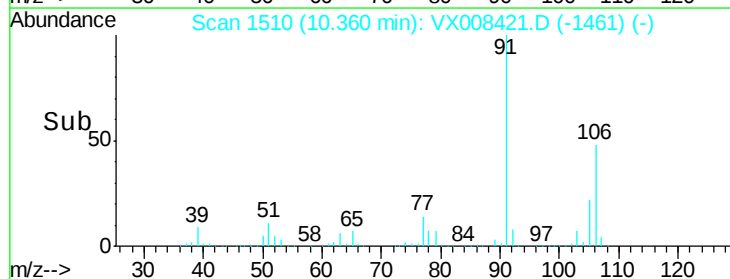
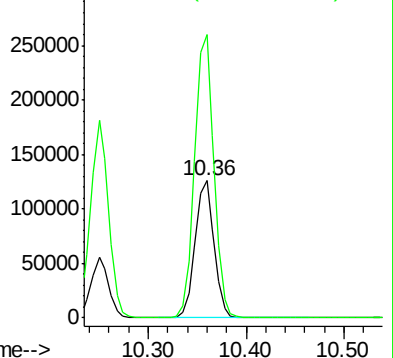
106 100

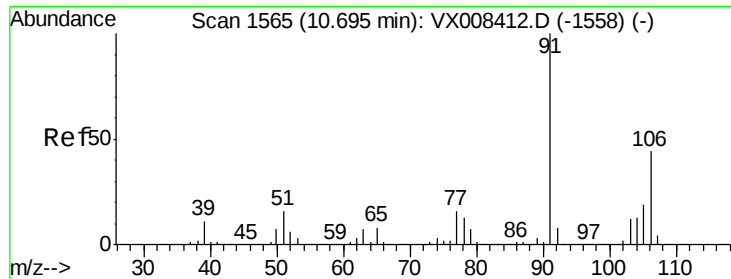
91 210.7 168.6 253.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

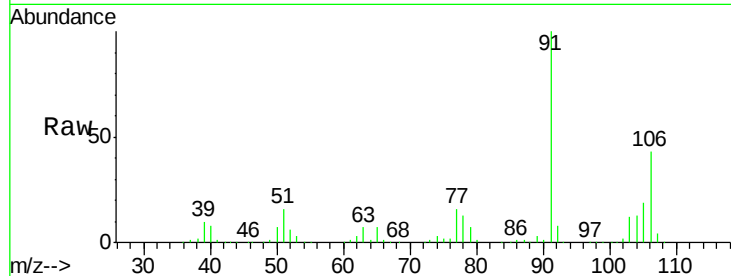




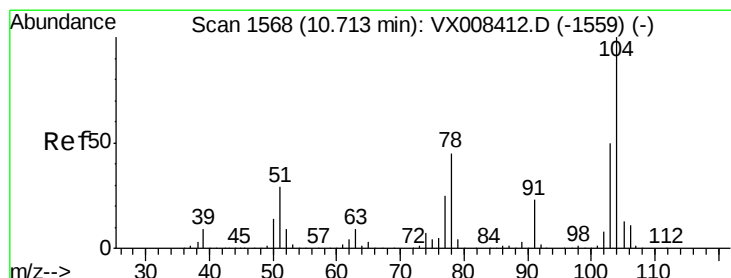
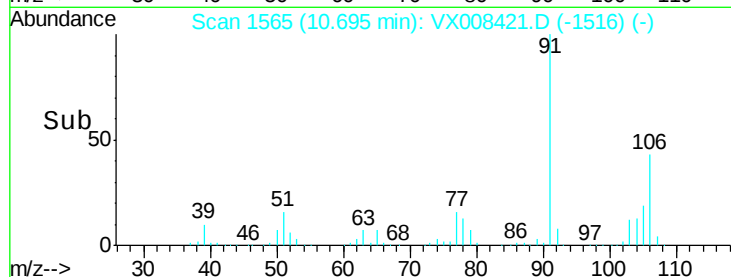
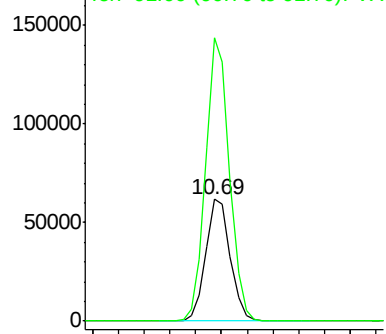
#69
o-Xylene
Concen: 18.803 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBS01

Tot Ion:106 Resp: 81883
Ion Ratio Lower Upper
106 100
91 225.7 111.4 334.2

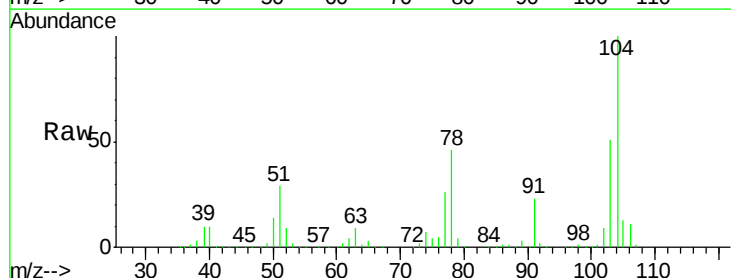


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

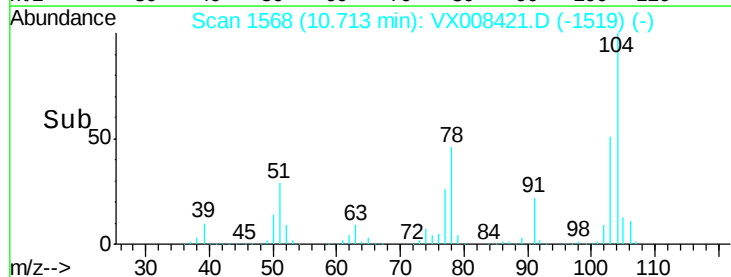
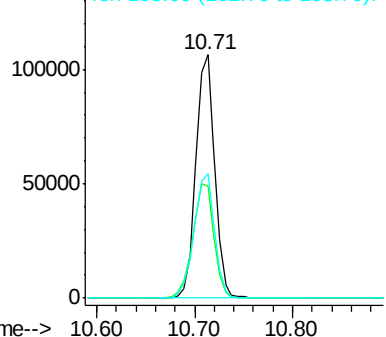


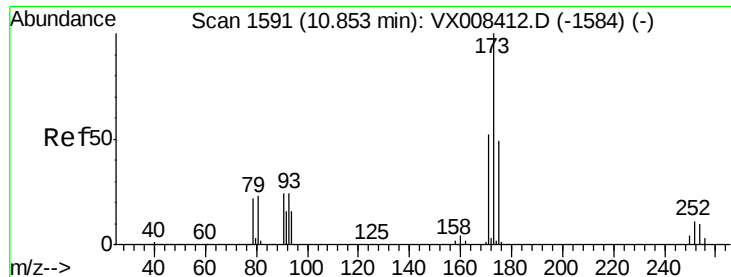
#70
Styrene
Concen: 18.946 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Tgt Ion:104 Resp: 142517
Ion Ratio Lower Upper
104 100
78 53.2 42.5 63.7
103 55.8 44.2 66.4



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: 18.208 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBS01

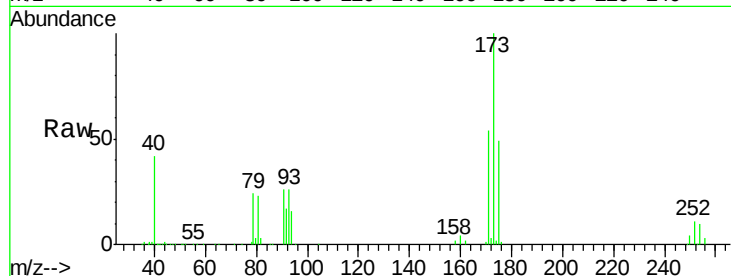
Tot Ion:173 Resp: 32426

Ion Ratio Lower Upper

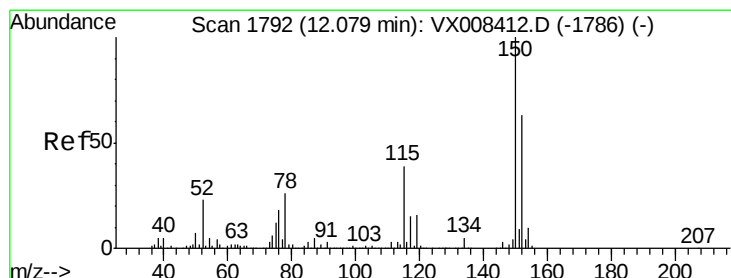
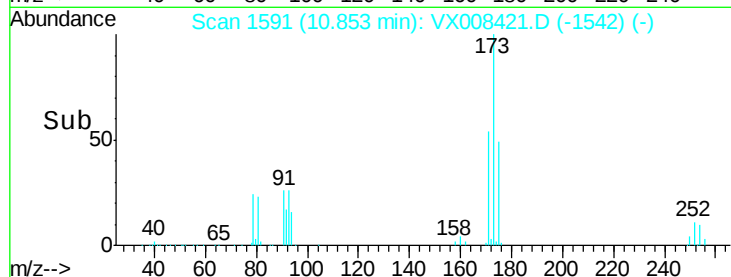
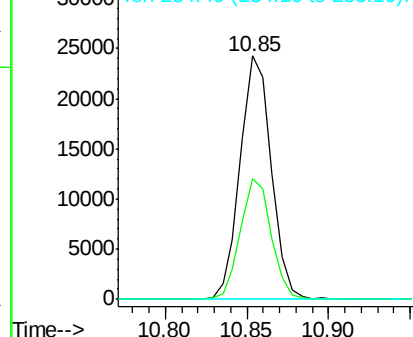
173 100

175 49.0 24.3 72.8

254 0.0 0.2 0.2#



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: VX008421.D

Acq: 25 Mar 2019 19:50

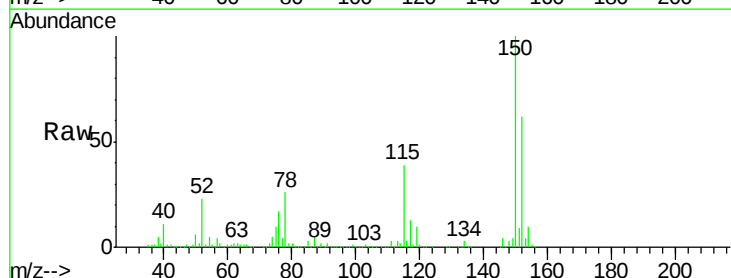
Tgt Ion:152 Resp: 139397

Ion Ratio Lower Upper

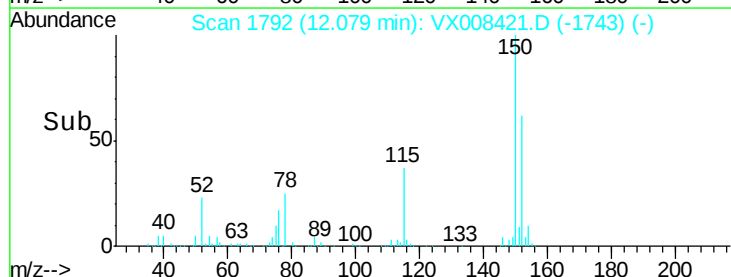
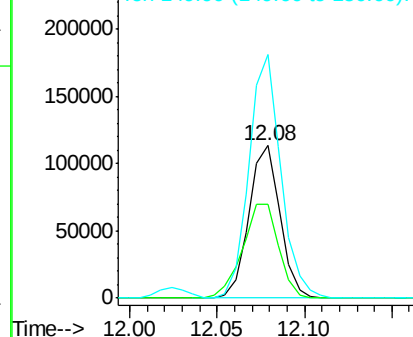
152 100

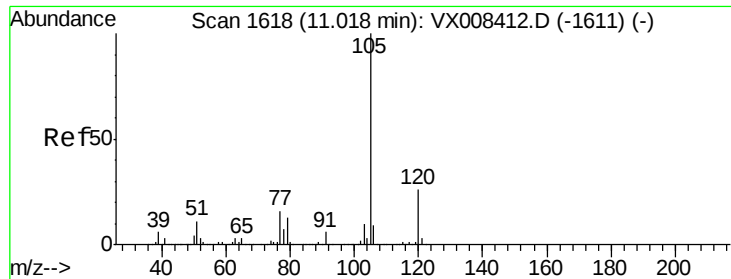
115 72.4 43.5 130.5

150 164.1 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: 19.654 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

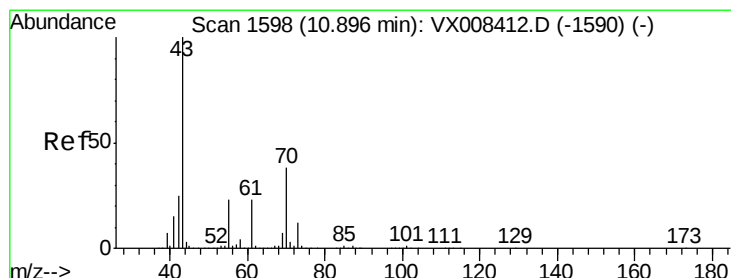
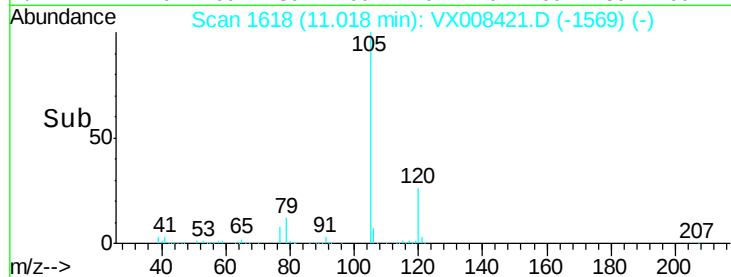
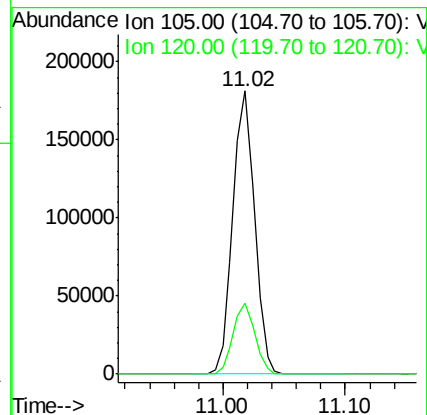
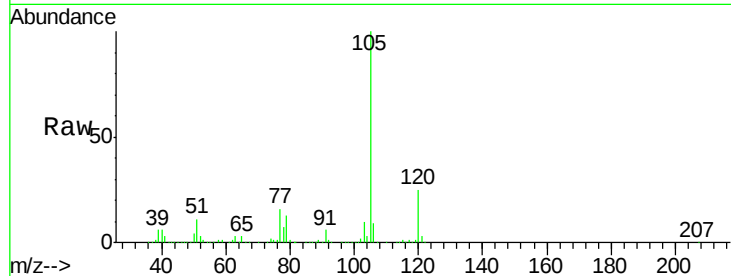
VX0325WBS01

Tot Ion:105 Resp: 222891

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.7



#74

N-ethyl acetate

Concen: 19.713 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Tgt Ion: 43 Resp: 129401

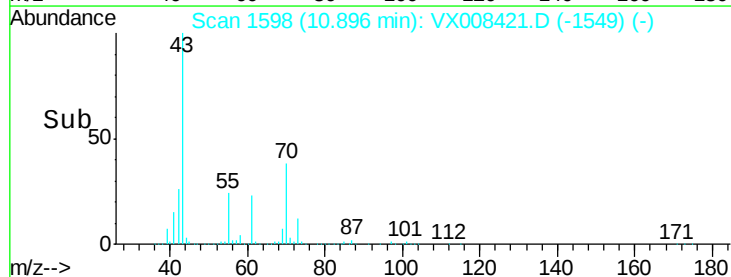
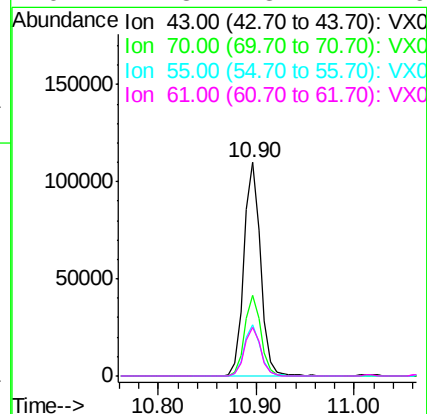
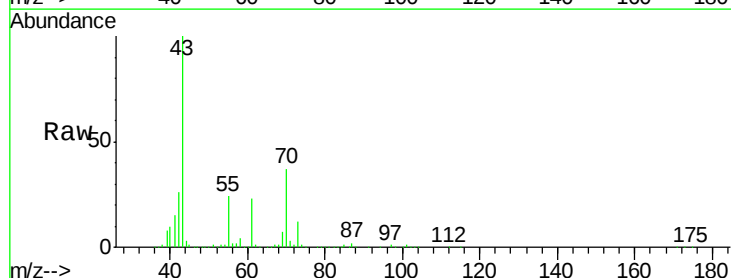
Ion Ratio Lower Upper

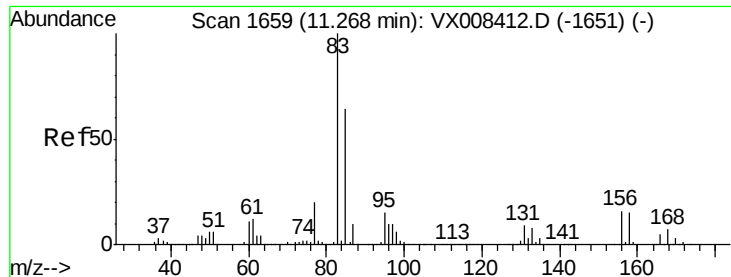
43 100

70 37.3 30.5 45.7

55 23.4 18.2 27.2

61 22.8 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.101 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBS01

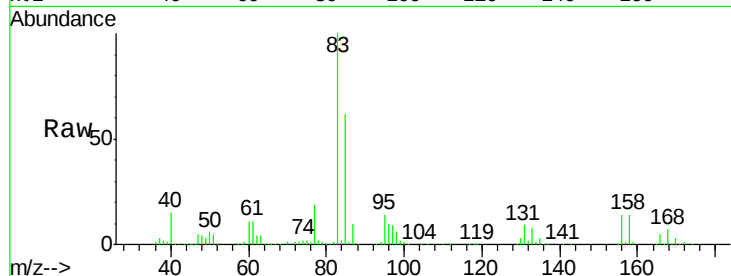
Tot Ion: 83 Resp: 84046

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.4

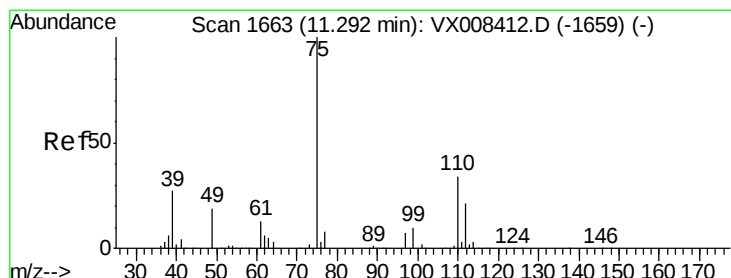
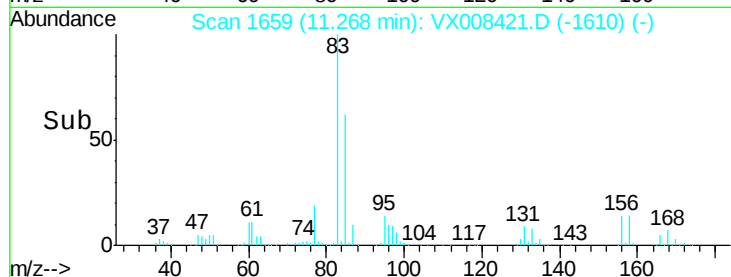
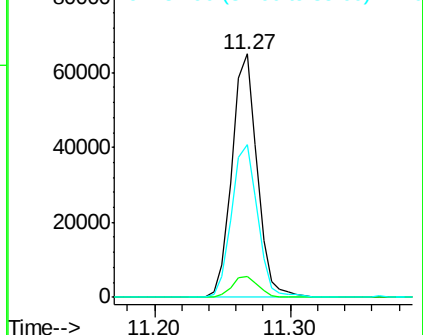
85 64.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.878 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008421.D

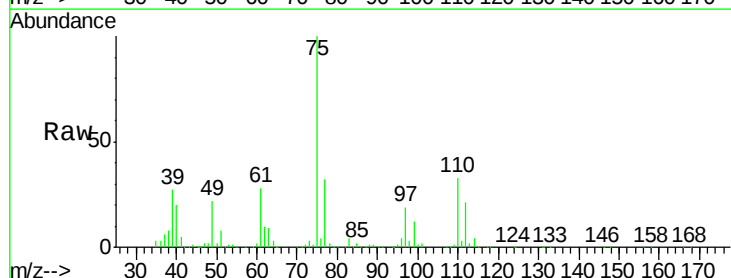
Acq: 25 Mar 2019 19:50

Tgt Ion: 75 Resp: 90667

Ion Ratio Lower Upper

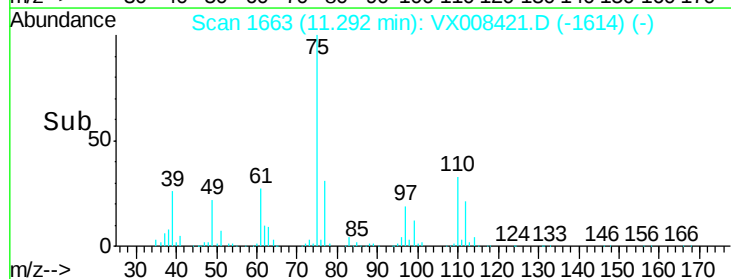
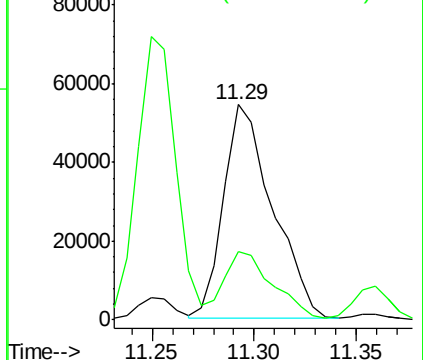
75 100

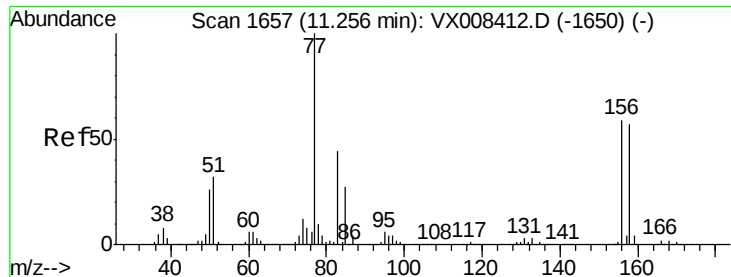
77 32.2 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.724 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBS01

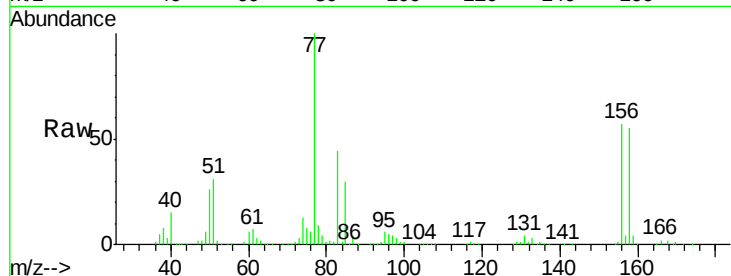
Tot Ion:156 Resp: 51535

Ion Ratio Lower Upper

156 100

77 183.0 91.1 273.3

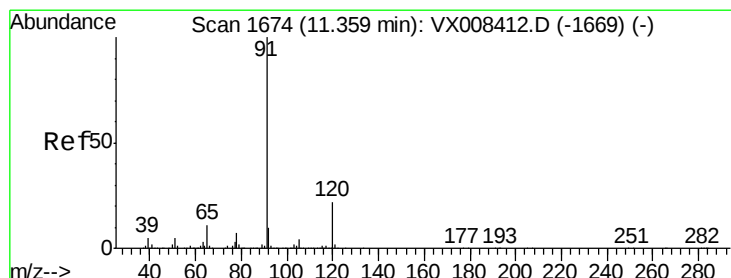
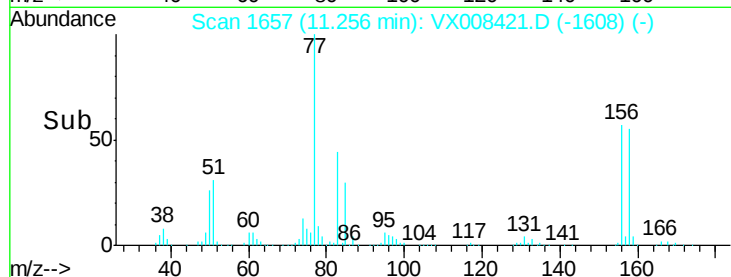
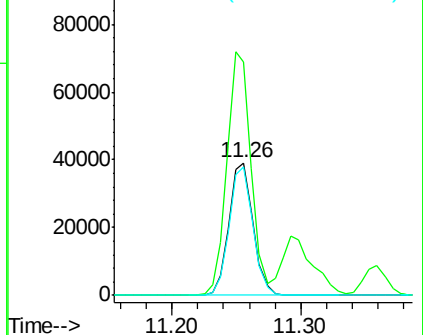
158 96.3 48.3 144.8



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: 19.370 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008421.D

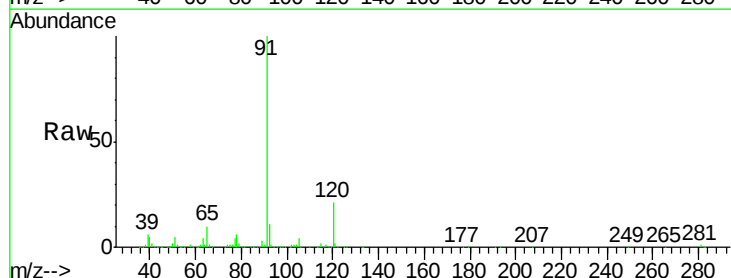
Acq: 25 Mar 2019 19:50

Tgt Ion: 91 Resp: 257326

Ion Ratio Lower Upper

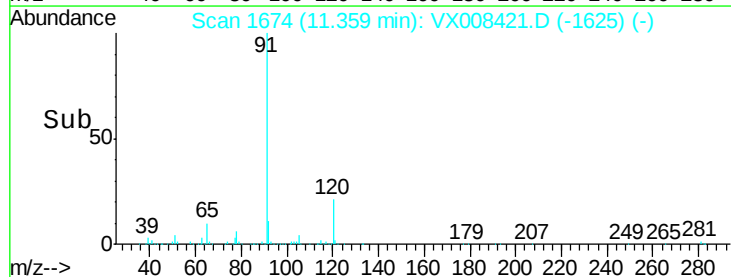
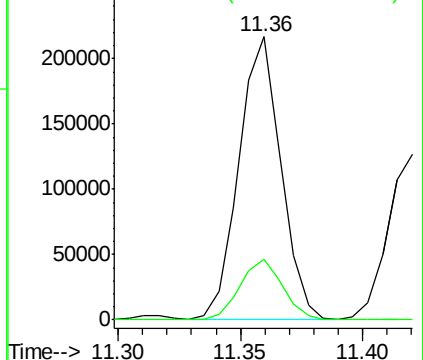
91 100

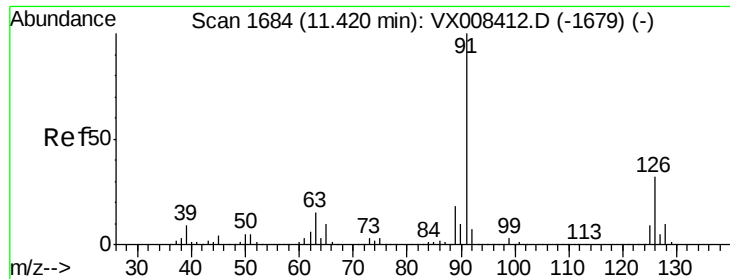
120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

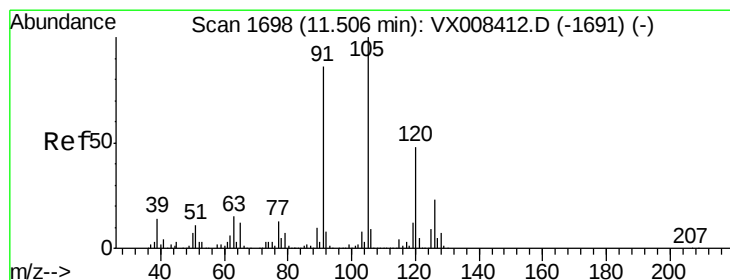
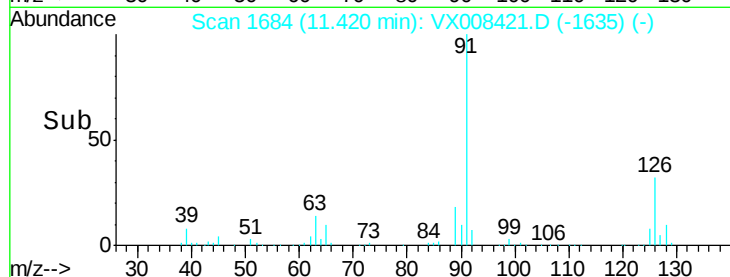
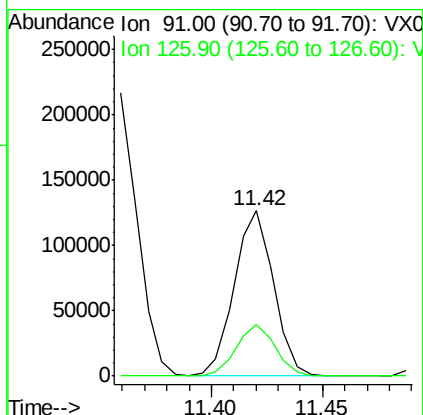
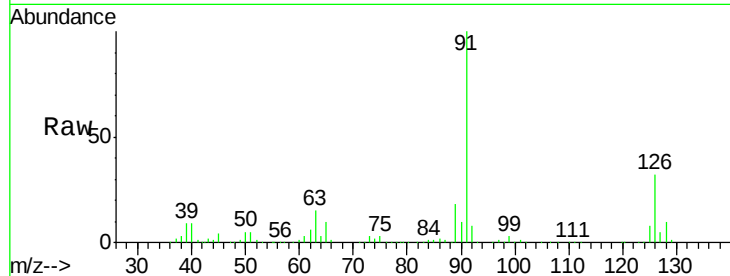




#79
 2-Chlorotoluene
 Concen: 19.146 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

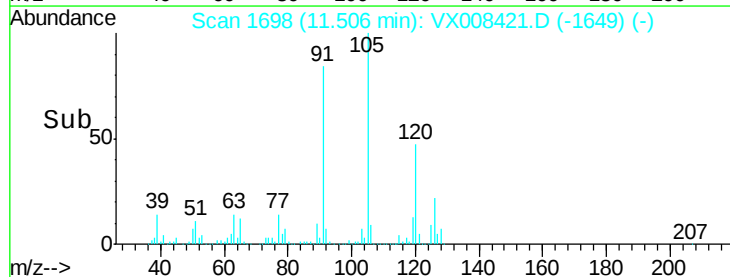
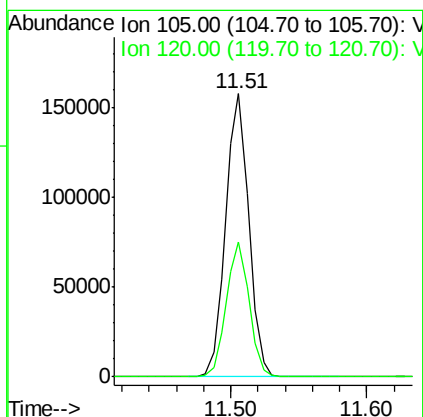
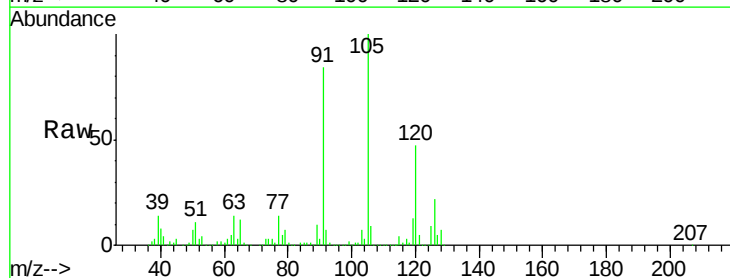
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS01

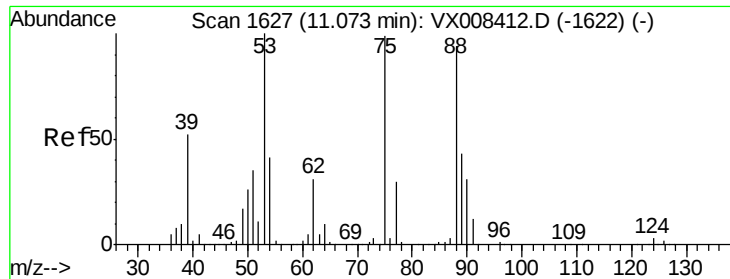
Tot Ion: 91 Resp: 154702
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.401 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

Tgt Ion: 105 Resp: 186013
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.986 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampled :

VX0325WBS01

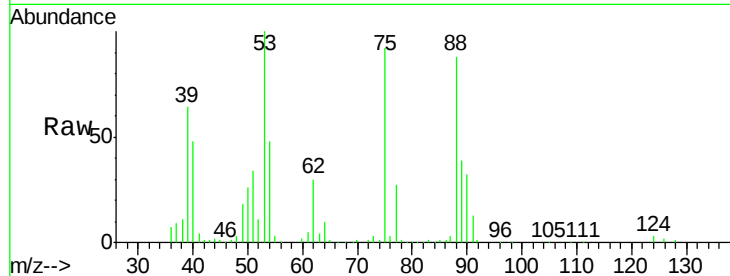
Tot Ion: 75 Resp: 23272

Ion Ratio Lower Upper

75 100

53 115.2 82.1 123.1

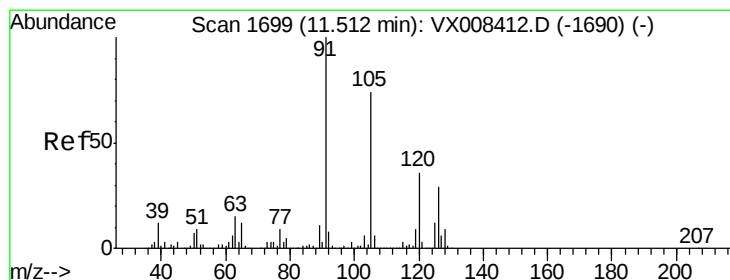
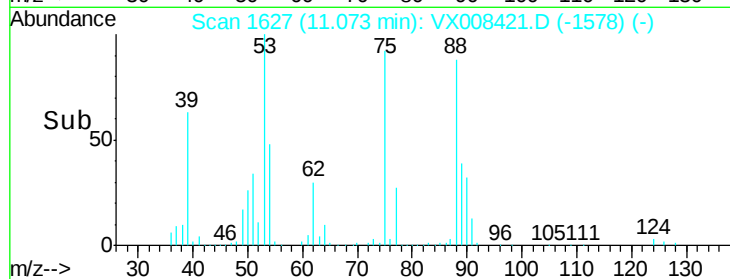
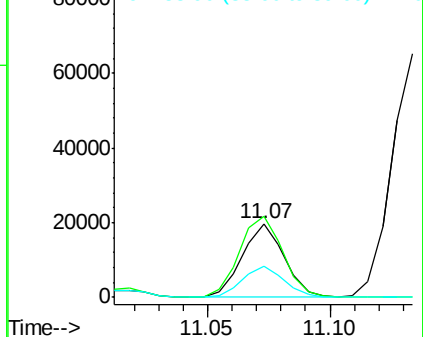
89 44.0 34.6 52.0



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: 18.919 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008421.D

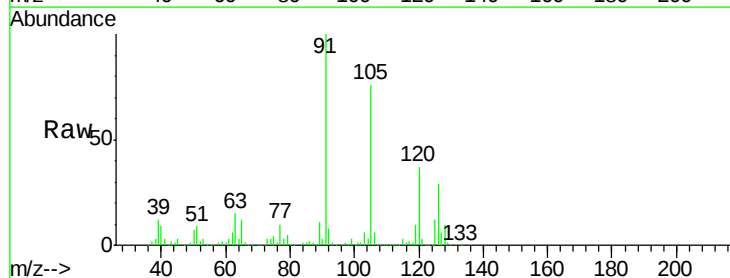
Acq: 25 Mar 2019 19:50

Tgt Ion: 91 Resp: 176339

Ion Ratio Lower Upper

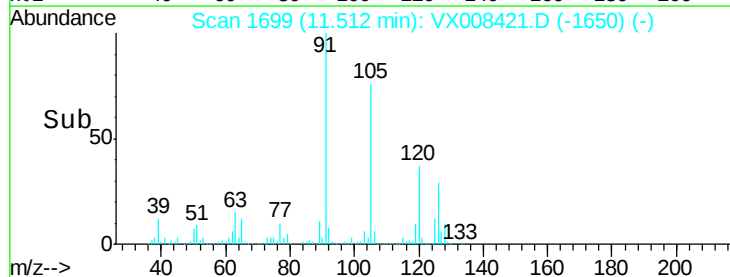
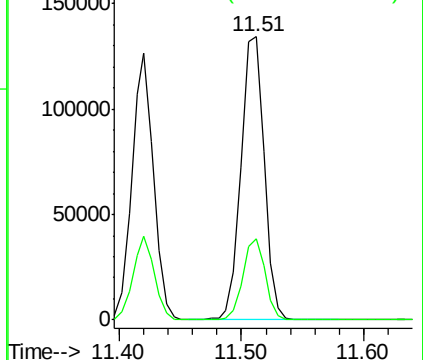
91 100

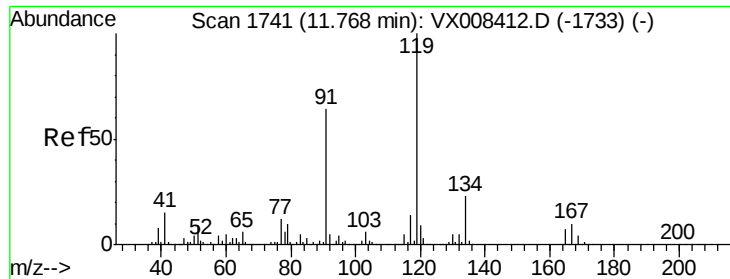
126 27.6 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

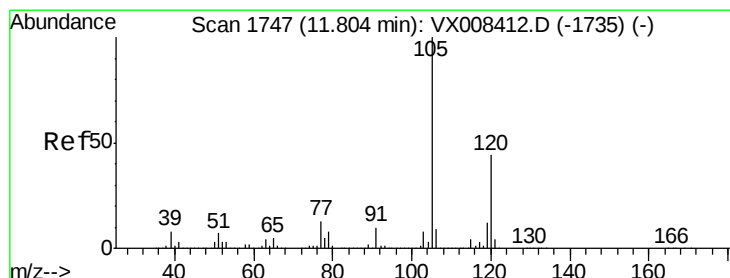
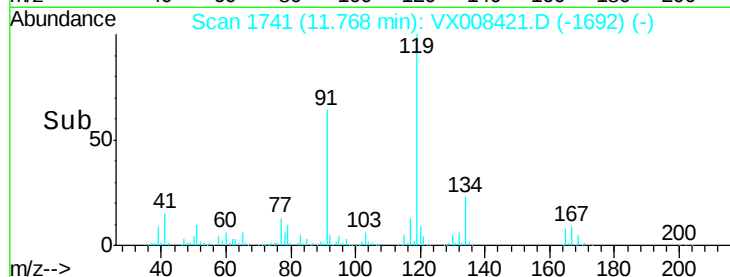
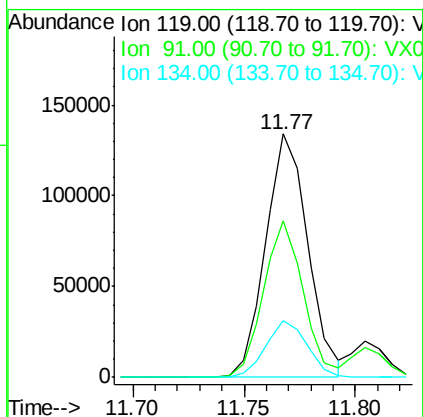
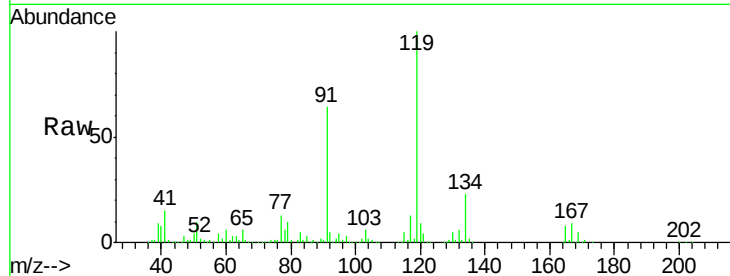




#83
 tert-Butylbenzene
 Concen: 19.097 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

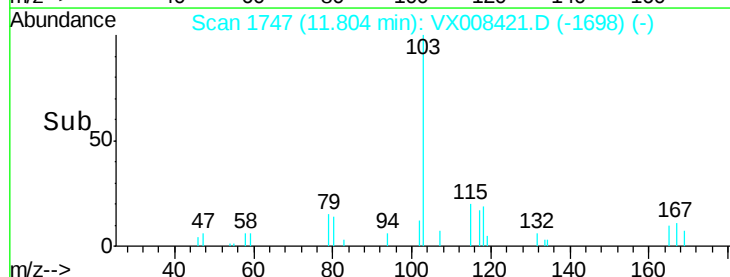
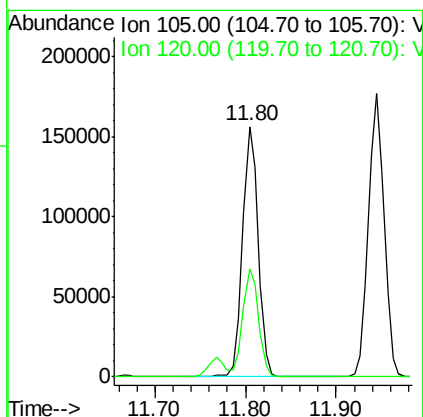
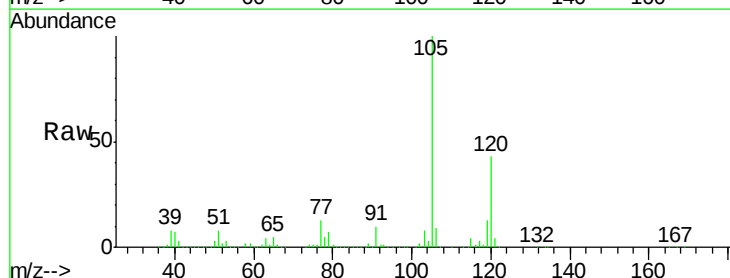
Instrument :
 MSVOA_X
 ClientSampled :
 VX0325WBS01

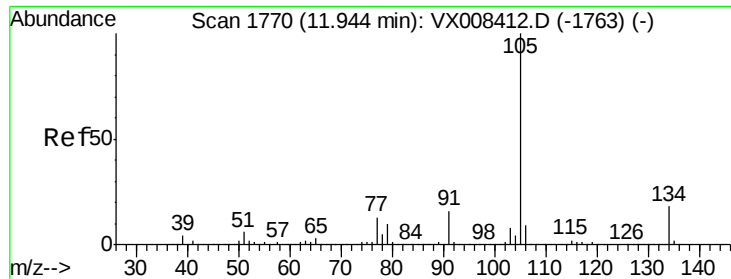
Tot Ion:119 Resp: 176653
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.1 90.3
 134 22.8 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.334 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

Tgt Ion:105 Resp: 187486
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.6 65.0





#85

sec-Butylbenzene

Concen: 19.396 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

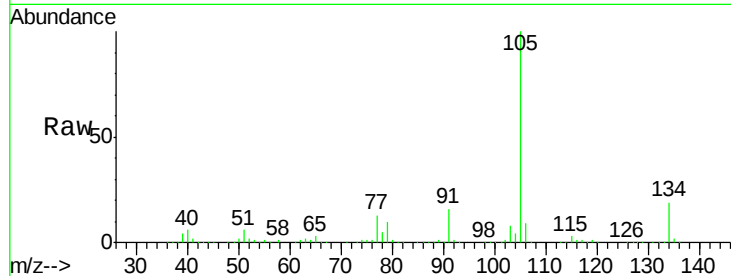
VX0325WBS01

Tot Ion:105 Resp: 213663

Ion Ratio Lower Upper

105 100

134 18.8 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

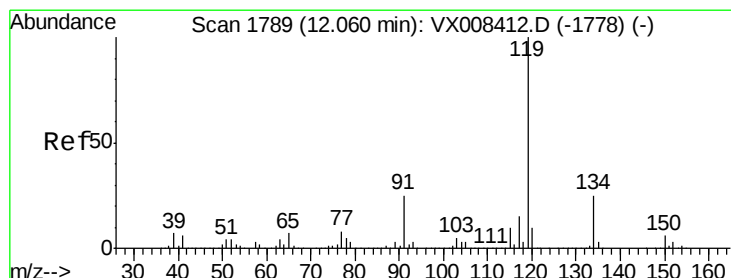
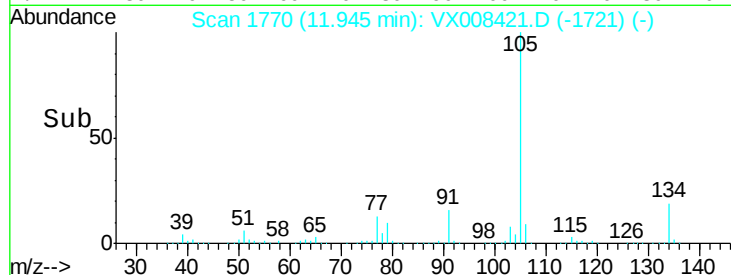
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.458 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

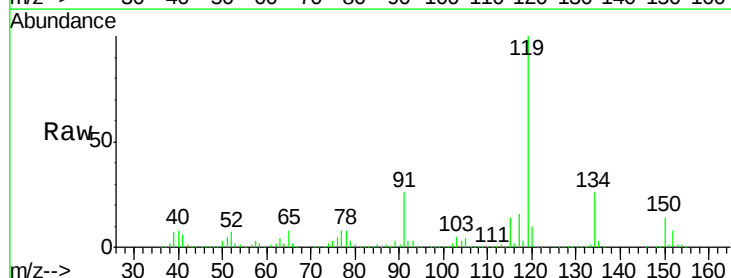
Tgt Ion:119 Resp: 189133

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 25.2 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

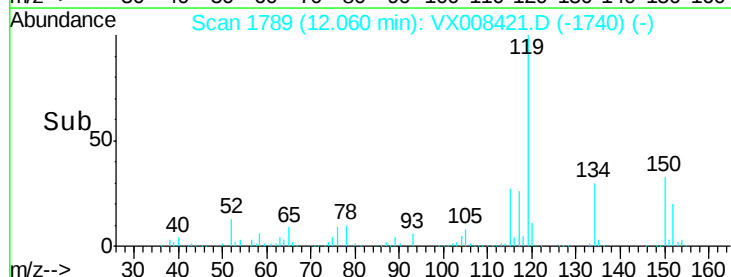
150000

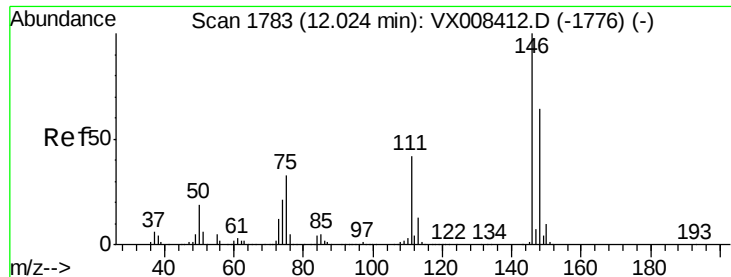
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.614 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBS01

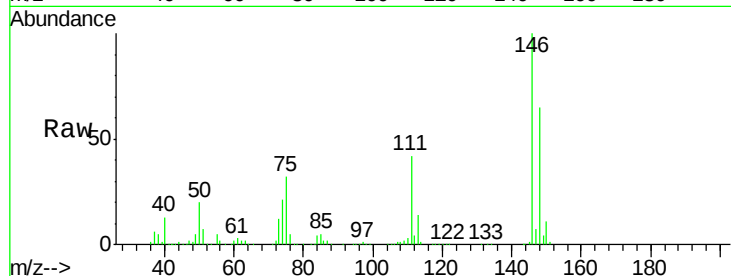
Tot Ion:146 Resp: 91540

Ion Ratio Lower Upper

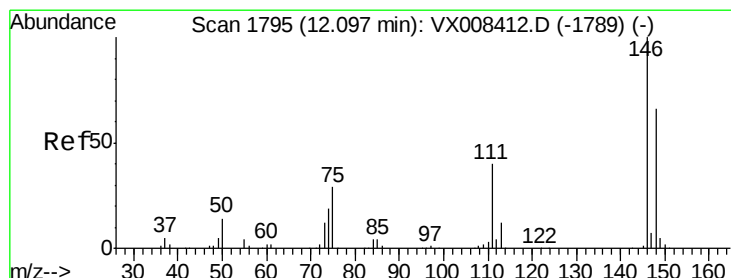
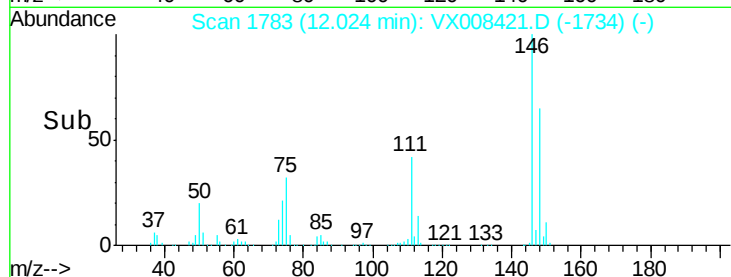
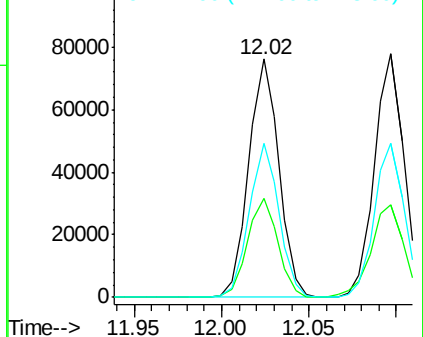
146 100

111 41.8 20.8 62.5

148 63.5 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 18.395 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008421.D

Acq: 25 Mar 2019 19:50

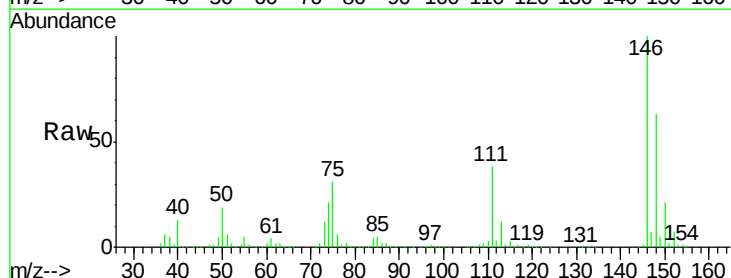
Tgt Ion:146 Resp: 91295

Ion Ratio Lower Upper

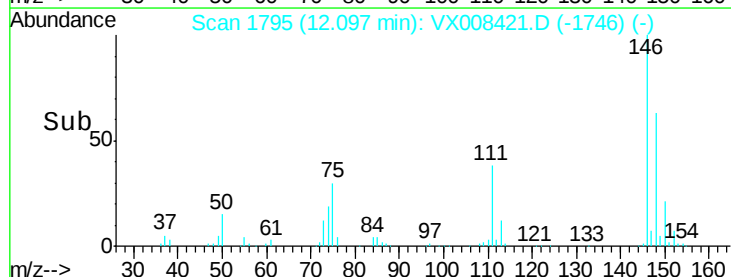
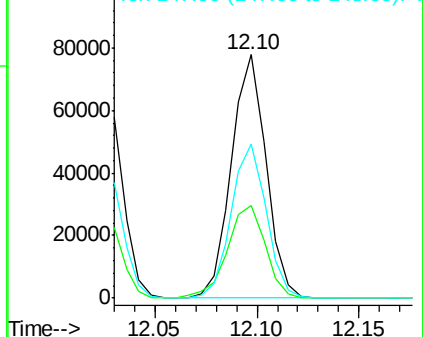
146 100

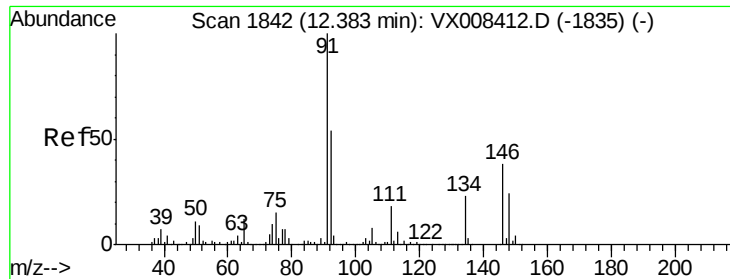
111 41.9 20.3 61.0

148 64.7 32.1 96.5



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

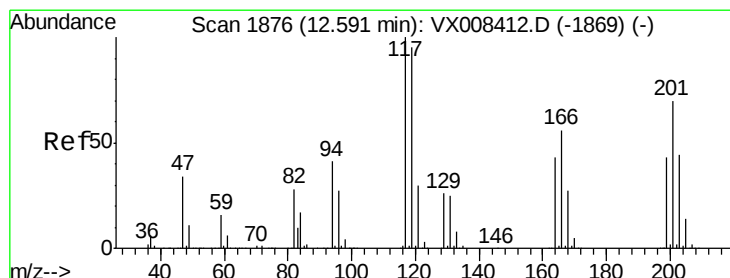
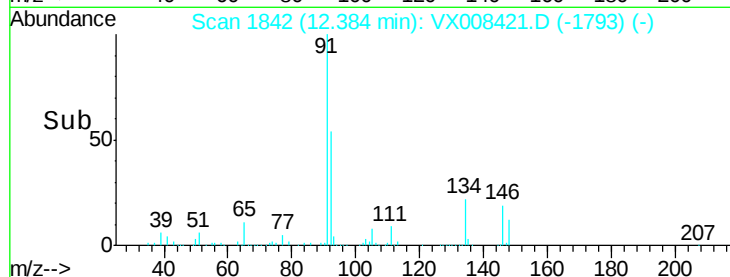
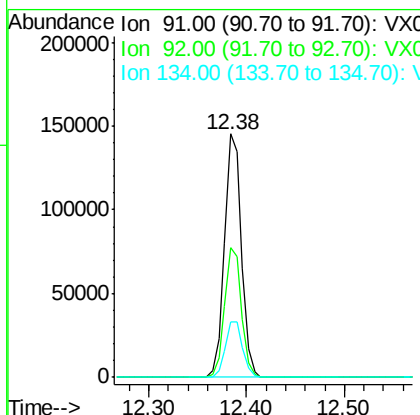
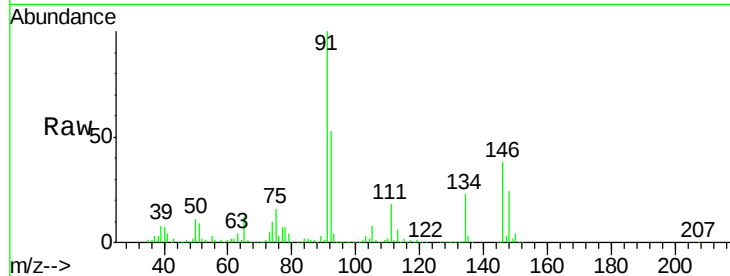




#89
n-Butylbenzene
Concen: 18.891 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

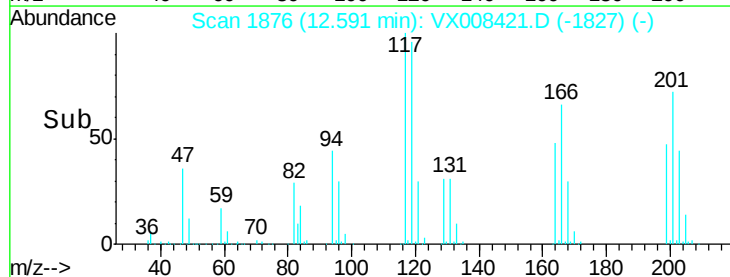
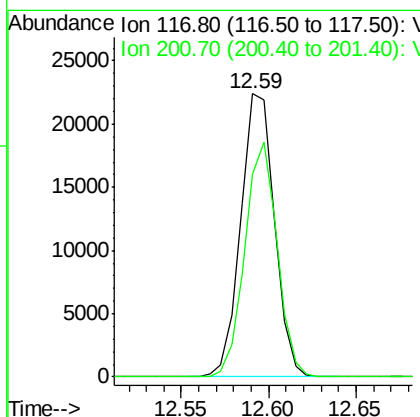
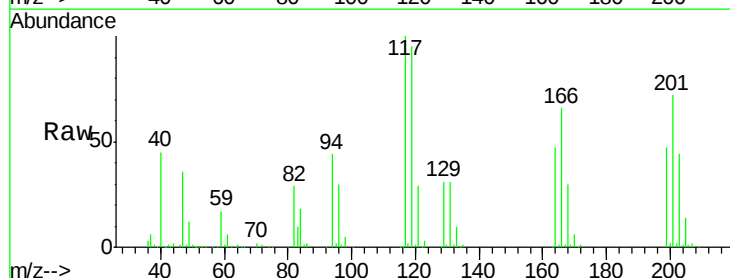
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBS01

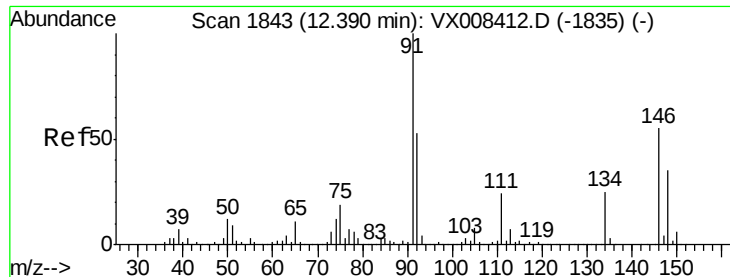
Tot Ion: 91 Resp: 173942
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 23.5 11.8 35.4



#90
Hexachloroethane
Concen: 18.570 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Tgt Ion: 117 Resp: 30071
Ion Ratio Lower Upper
117 100
201 79.2 39.4 118.1

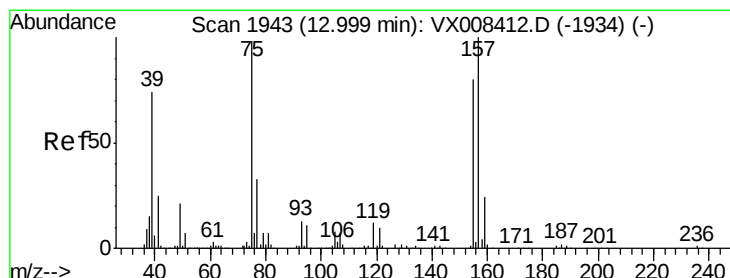
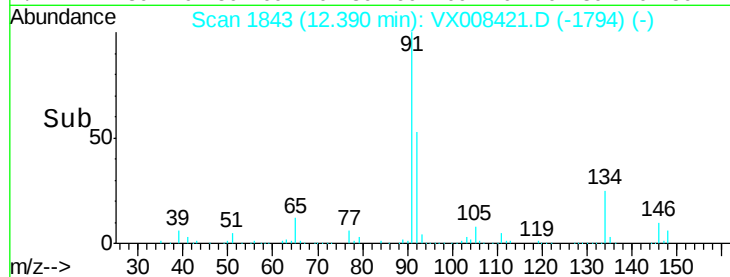
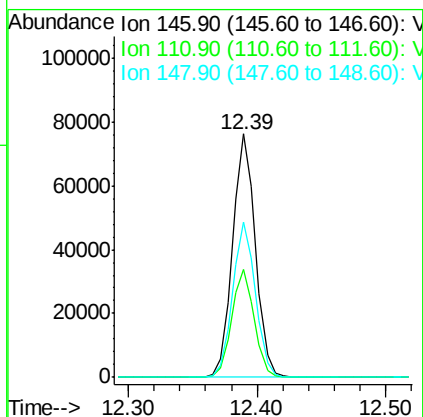
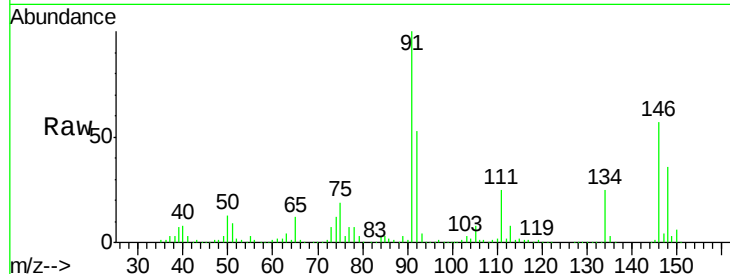




#91
 1,2-Dichlorobenzene
 Concen: 19.072 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

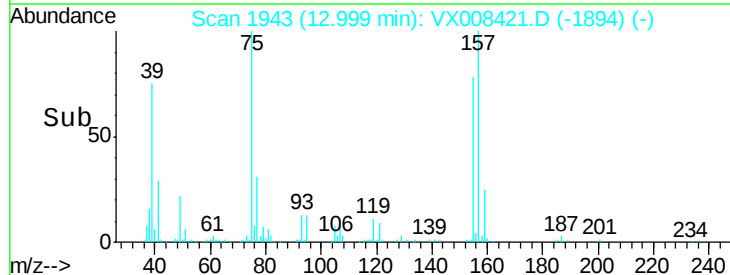
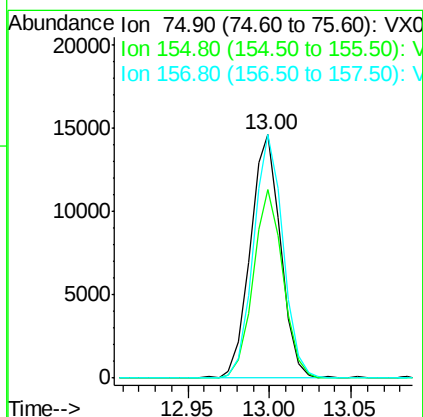
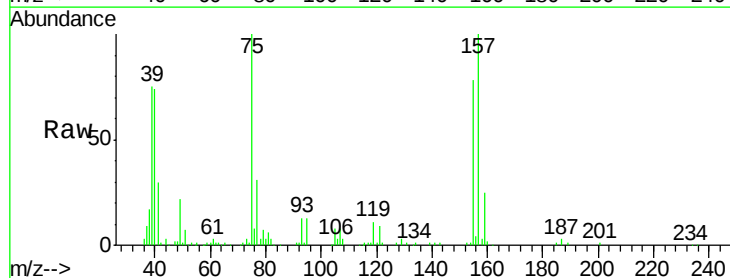
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS01

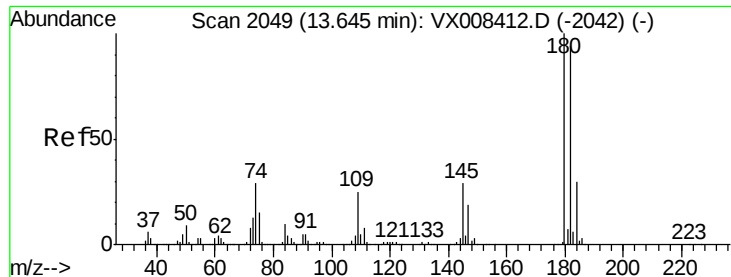
Tot Ion:146 Resp: 93922
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.6 64.6
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.645 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

Tgt Ion: 75 Resp: 18848
 Ion Ratio Lower Upper
 75 100
 155 76.0 39.5 118.5
 157 97.4 49.9 149.7

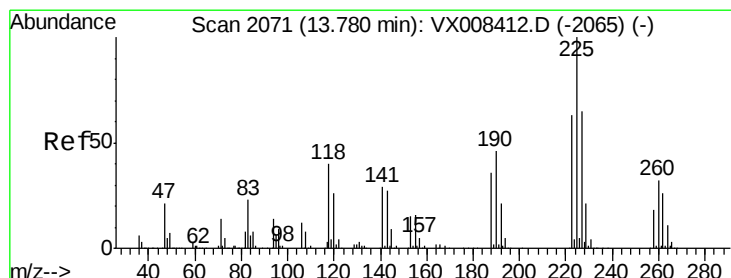
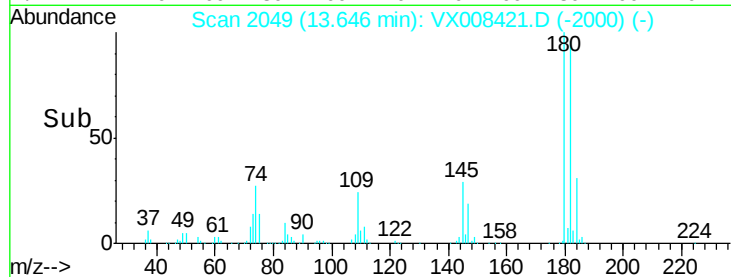
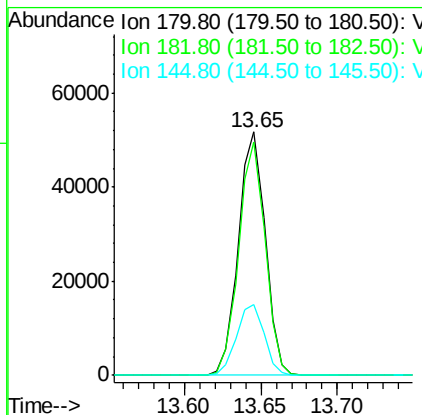
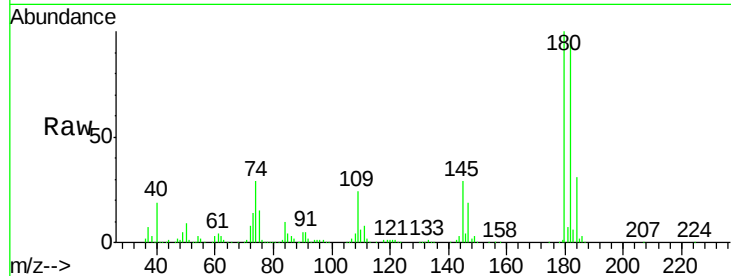




#93
 1,2,4-Trichlorobenzene
 Concen: 19.042 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

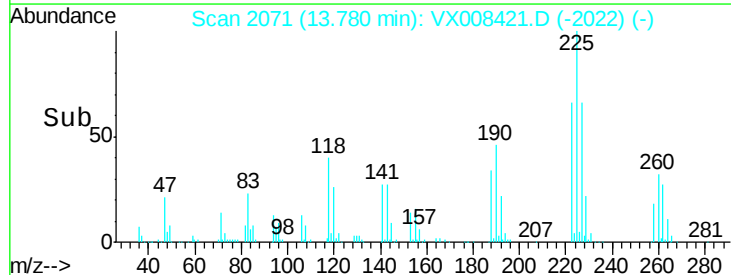
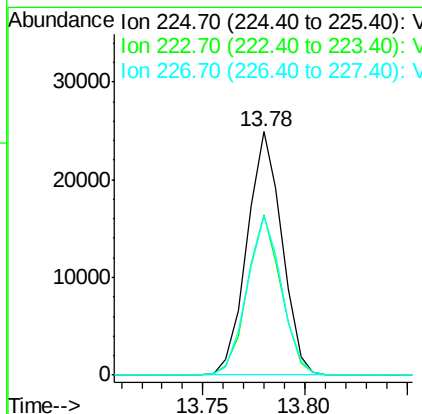
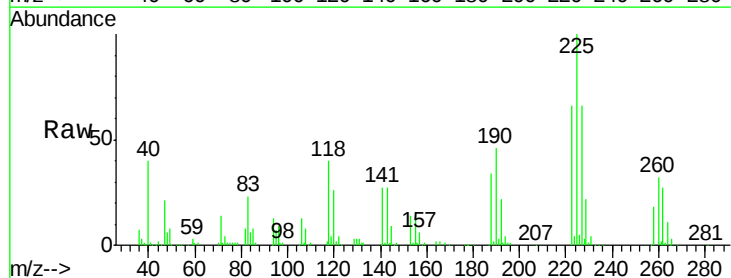
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS01

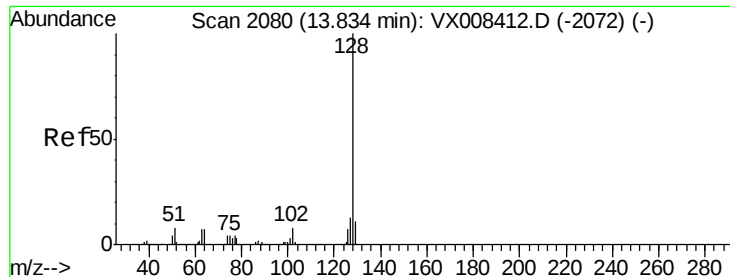
Tot Ion:180 Resp: 63136
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.3 142.0
 145 30.1 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 18.772 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008421.D
 Acq: 25 Mar 2019 19:50

Tgt Ion:225 Resp: 29554
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.4 94.0
 227 64.8 31.9 95.9

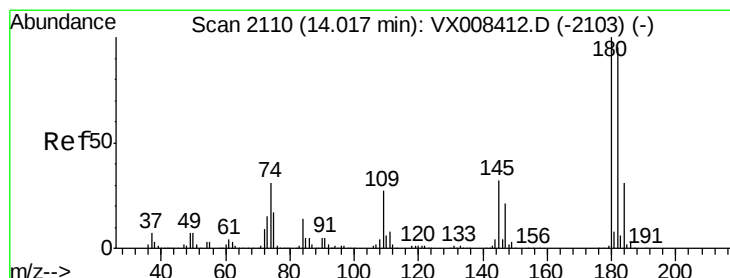
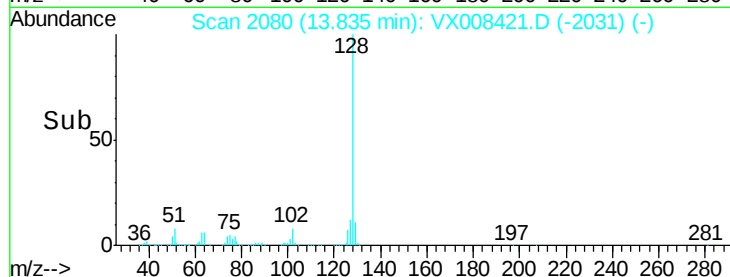
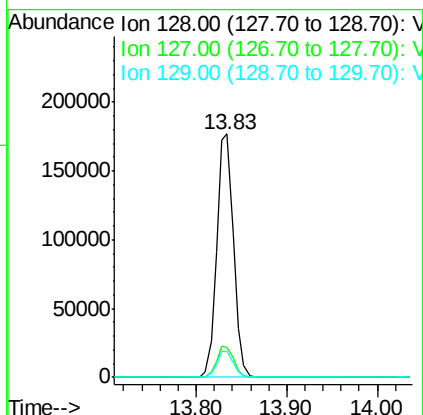
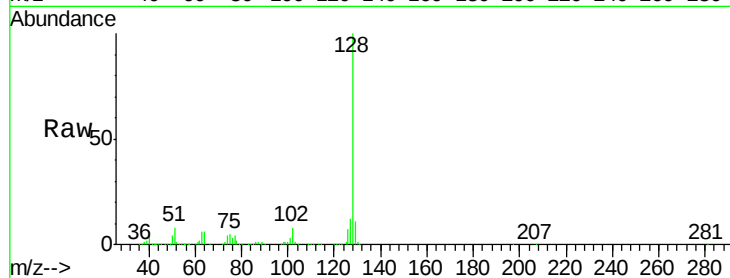




#95
Naphthalene
Concen: 20.094 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBS01

Tot Ion:128 Resp: 228411
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.501 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008421.D
Acq: 25 Mar 2019 19:50

Tgt Ion:180 Resp: 64971
Ion Ratio Lower Upper
180 100
182 96.1 47.3 142.0
145 32.7 16.2 48.5

