

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031618\
 Data File : VX000346.D
 Acq On : 16 Mar 2018 14:14
 Operator : JC/MD
 Sample : VX0316WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 14:45:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	121497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	194479	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	188328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	104685	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	76644	45.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.20%	
35) Dibromofluoromethane	5.51	113	59083	48.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.30%	
50) Toluene-d8	8.73	98	237332	46.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.72%	
62) 4-Bromofluorobenzene	11.15	95	88128	42.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	21934	16.76	ug/l	97
3) Chloromethane	1.32	50	24116	18.08	ug/l	95
4) Vinyl Chloride	1.41	62	27171	18.18	ug/l	97
5) Bromomethane	1.65	94	24025	14.41	ug/l	93
6) Chloroethane	1.73	64	17881	16.84	ug/l	92
7) Trichlorofluoromethane	1.93	101	48775	18.79	ug/l	99
8) Diethyl Ether	2.20	74	17635	19.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27510	19.69	ug/l	98
10) Methyl Iodide	2.52	142	21881	15.50	ug/l	98
11) Tert butyl alcohol	3.07	59	50244	92.39	ug/l	99
12) 1,1-Dichloroethene	2.38	96	24866	18.75	ug/l	95
13) Acrolein	2.30	56	19991	85.44	ug/l	100
14) Allyl chloride	2.73	41	44485	18.81	ug/l	97
15) Acrylonitrile	3.15	53	102316	97.57	ug/l	100
16) Acetone	2.45	43	114213	101.77	ug/l	100
17) Carbon Disulfide	2.57	76	66224	17.09	ug/l	99
18) Methyl Acetate	2.78	43	50996	20.31	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	91478	19.59	ug/l	100
20) Methylene Chloride	2.86	84	28697	19.75	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	26530	18.09	ug/l	99
22) Diisopropyl ether	3.88	45	67951	17.26	ug/l	93
23) Vinyl Acetate	3.83	43	325143	86.67	ug/l	99
24) 1,1-Dichloroethane	3.70	63	48263	19.49	ug/l	99
25) 2-Butanone	4.71	43	131134	97.76	ug/l	98
26) 2,2-Dichloropropane	4.59	77	33366	18.67	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	25561	19.08	ug/l	95
28) Bromochloromethane	5.03	49	18699	17.97	ug/l	99
29) Tetrahydrofuran	5.18	42	80481	93.22	ug/l	99
30) Chloroform	5.23	83	43219	18.49	ug/l	99
31) Cyclohexane	5.58	56	36164	19.03	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	38656	18.71	ug/l	97
36) 1,1-Dichloropropene	5.81	75	32606	18.45	ug/l	98
37) Ethyl Acetate	4.87	43	44400	18.91	ug/l	99
38) Carbon Tetrachloride	5.79	117	34234	19.22	ug/l	95

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Quant Time: Mar 16 14:45:05 2018
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 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	41165	19.97	ug/l	95
40) Benzene	6.15	78	97725	19.49	ug/l	100
41) Methacrylonitrile	5.07	41	22480	18.23	ug/l	96
42) 1,2-Dichloroethane	6.21	62	38246	19.25	ug/l	98
43) Isopropyl Acetate	6.48	43	66983	19.76	ug/l	99
44) Trichloroethene	7.22	130	28207	19.42	ug/l	93
45) 1,2-Dichloropropane	7.53	63	25984	21.02	ug/l	98
46) Dibromomethane	7.67	93	19176	19.31	ug/l	97
47) Bromodichloromethane	7.91	83	34093	19.34	ug/l	98
48) Methyl methacrylate	7.79	41	32981	19.24	ug/l	98
49) 1,4-Dioxane	7.76	88	12708	329.57	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	258991	98.39	ug/l	98
52) Toluene	8.79	92	67349	19.12	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	39649	19.49	ug/l	90
54) cis-1,3-Dichloropropene	9.05	75	37500	18.85	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	27578	19.52	ug/l	95
56) Ethyl methacrylate	9.19	69	41281	19.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	45477	19.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	103256	118.91	ug/l	99
59) 2-Hexanone	9.51	43	218941	98.72	ug/l	97
60) Dibromochloromethane	9.59	129	27295	18.27	ug/l	96
61) 1,2-Dibromoethane	9.68	107	28790	18.38	ug/l	98
64) Tetrachloroethene	9.34	164	28224	22.10	ug/l	99
65) Chlorobenzene	10.15	112	75734	19.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	26655	20.66	ug/l	98
67) Ethyl Benzene	10.26	91	131187	20.06	ug/l	97
68) m/p-Xylenes	10.37	106	100786	39.56	ug/l	99
69) o-Xylene	10.71	106	48179	19.47	ug/l	97
70) Styrene	10.72	104	80261	19.54	ug/l	99
71) Bromoform	10.87	173	21261	19.05	ug/l	# 96
73) Isopropylbenzene	11.02	105	135162	21.44	ug/l	97
74) N-amyl acetate	6.48	43	66983	22.19	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	46731	20.82	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	54496	27.90	ug/l	85
77) Bromobenzene	11.26	156	33407	20.19	ug/l	99
78) n-propylbenzene	11.37	91	156305	20.56	ug/l	100
79) 2-Chlorotoluene	11.43	91	90462	20.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	110771	20.62	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	12436	19.50	ug/l	89
82) 4-Chlorotoluene	11.52	91	107973	20.36	ug/l	99
83) tert-Butylbenzene	11.78	119	111834	21.34	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	116915	21.17	ug/l	100
85) sec-Butylbenzene	11.96	105	141410	21.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	123096	21.09	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	64417	19.83	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	66607	19.74	ug/l	97
89) n-Butylbenzene	12.40	91	114469	20.17	ug/l	100
90) Hexachloroethane	12.60	117	19518	20.84	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	64034	20.36	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13066	21.50	ug/l	90

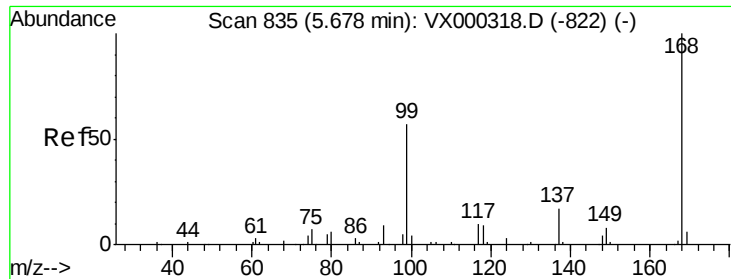
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44794	19.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	19947	22.31	ug/l	97
95) Naphthalene	13.84	128	163242	20.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	46235	20.20	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

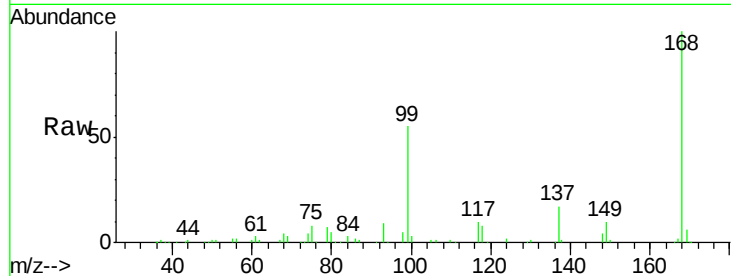
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 121497

Ion Ratio Lower Upper

168 100

99 55.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

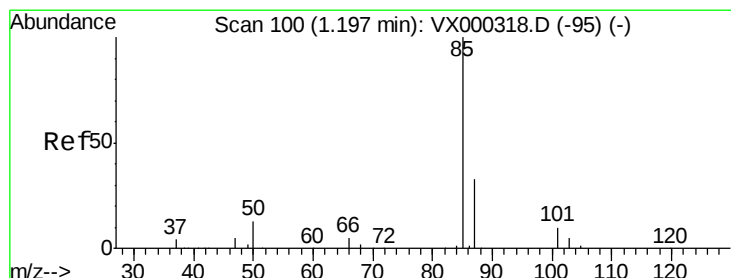
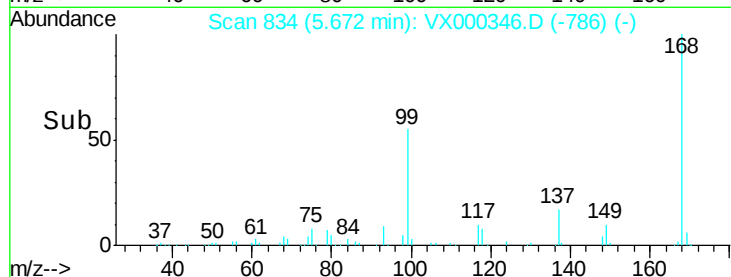
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.76 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000346.D

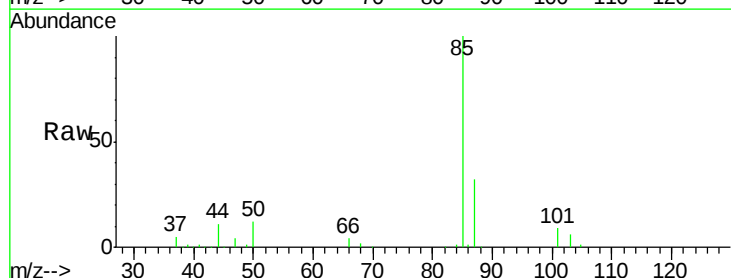
Acq: 16 Mar 2018 14:14

Tgt Ion: 85 Resp: 21934

Ion Ratio Lower Upper

85 100

87 31.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

15000

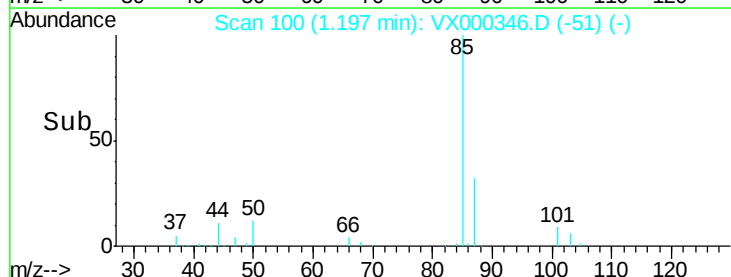
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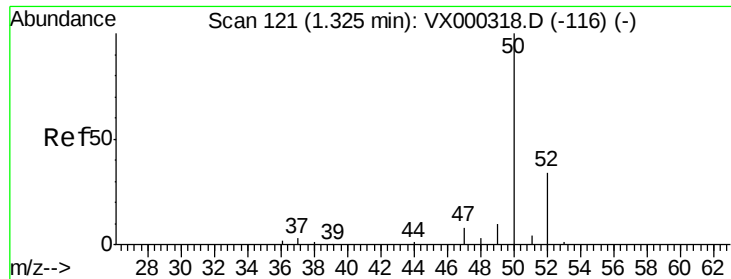
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

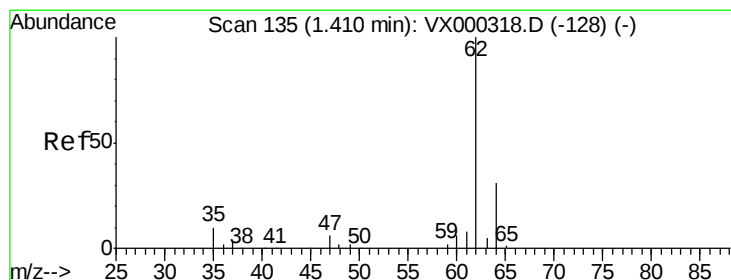
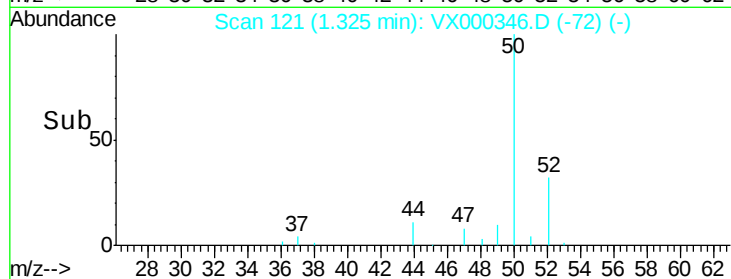
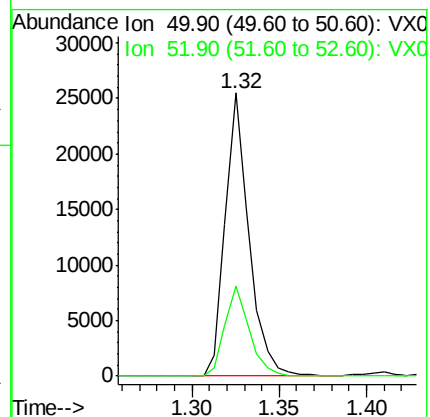
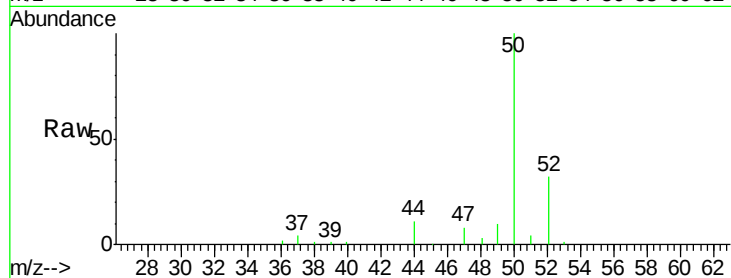
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 24116

Ion Ratio Lower Upper

50 100

52 31.8 27.5 41.3



#4

Vinyl Chloride

Concen: 18.18 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000346.D

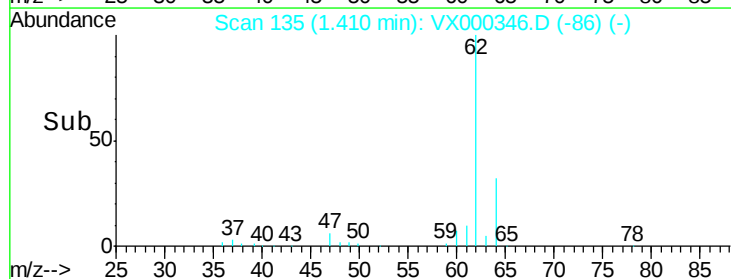
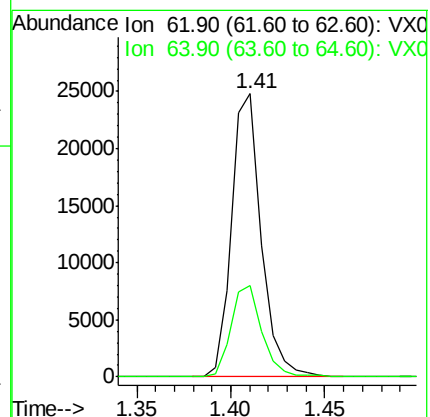
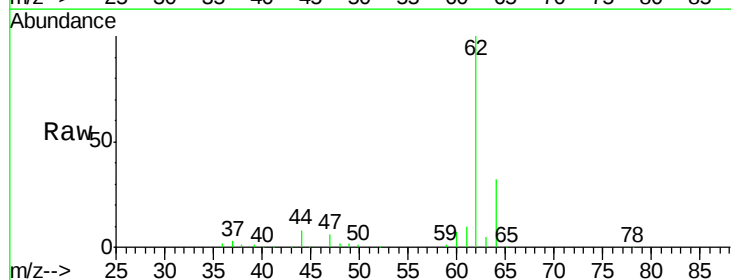
Acq: 16 Mar 2018 14:14

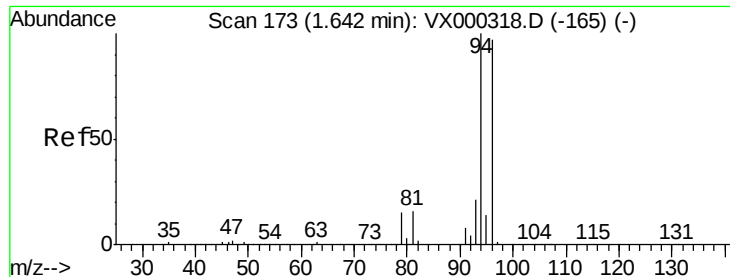
Tgt Ion: 62 Resp: 27171

Ion Ratio Lower Upper

62 100

64 32.4 24.8 37.2





#5

Bromomethane

Concen: 14.41 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

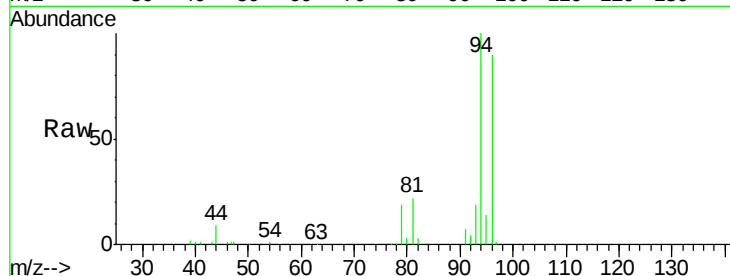
ClientSampleId :

Tot Ion: 94 Resp: 24025

Ion Ratio Lower Upper

94 100

96 90.0 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

20000

15000

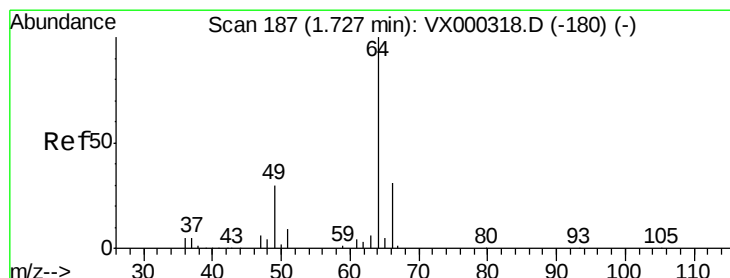
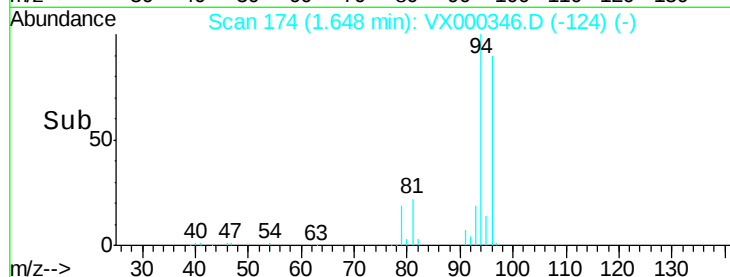
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5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 16.84 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000346.D

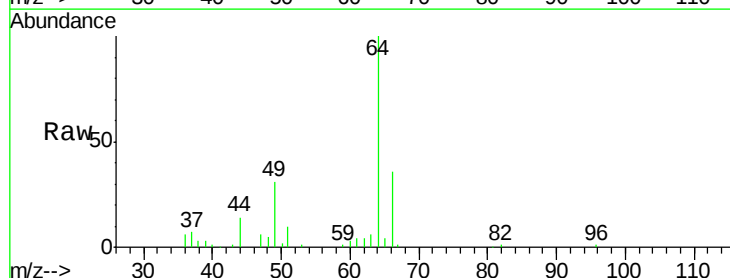
Acq: 16 Mar 2018 14:14

Tgt Ion: 64 Resp: 17881

Ion Ratio Lower Upper

64 100

66 35.7 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

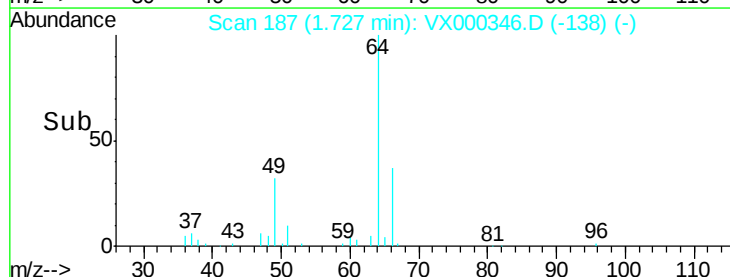
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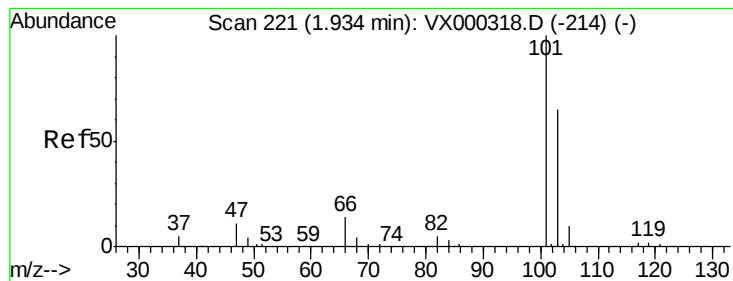
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Time-->

1.65 1.70 1.75 1.80



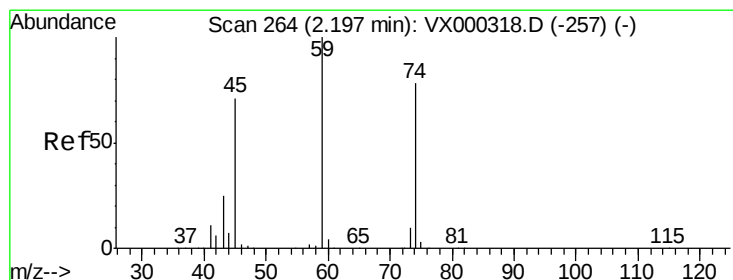
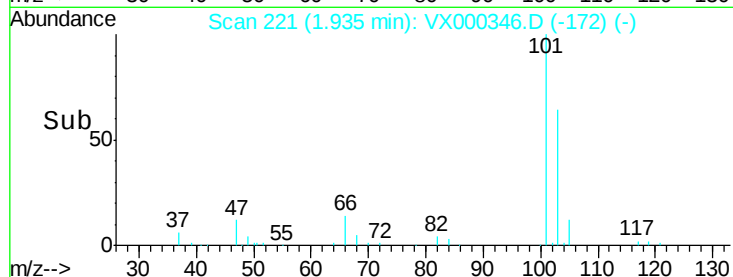
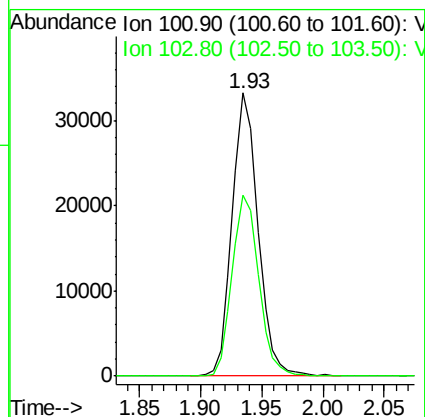
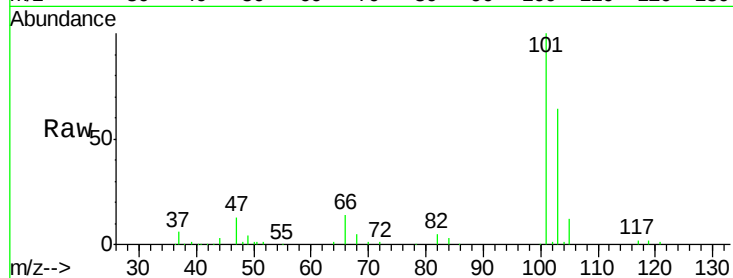


#7

Trichlorofluoromethane
Concen: 18.79 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :

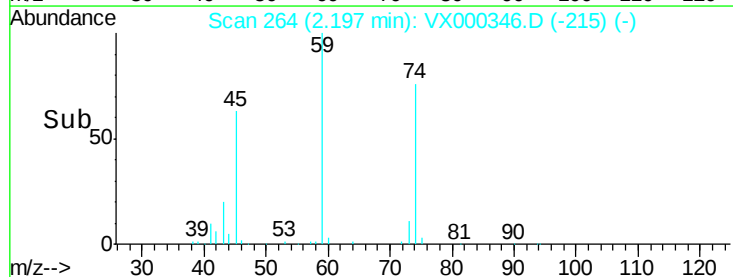
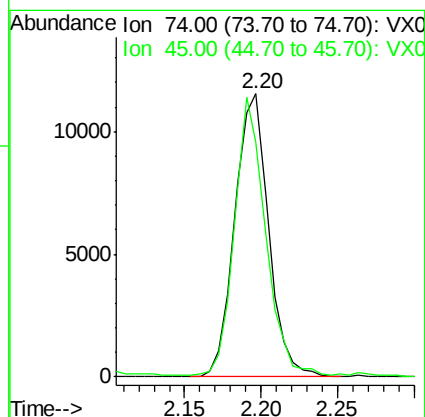
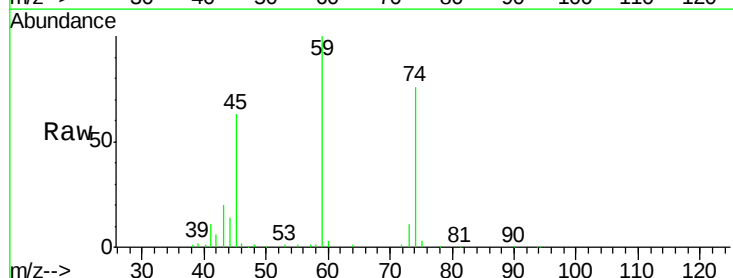
Tot Ion:101 Resp: 48775
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4

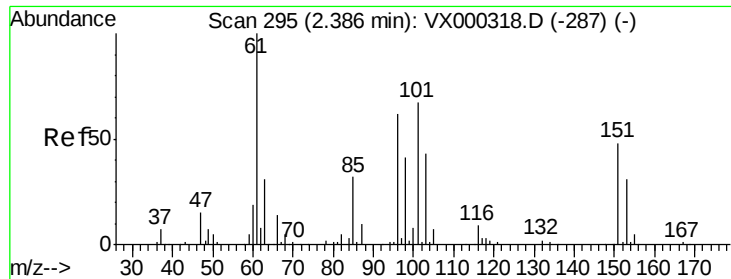


#8

Diethyl Ether
Concen: 19.09 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 74 Resp: 17635
Ion Ratio Lower Upper
74 100
45 91.3 45.1 135.3

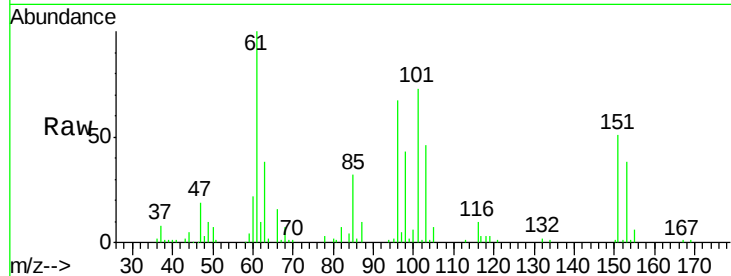




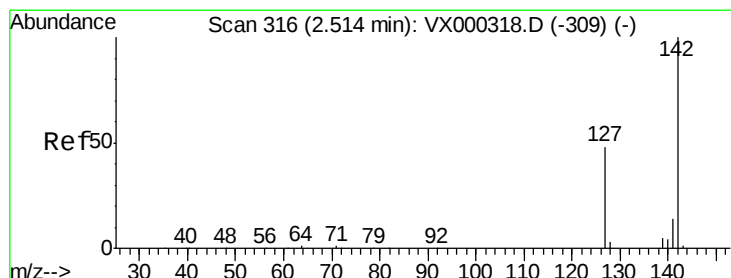
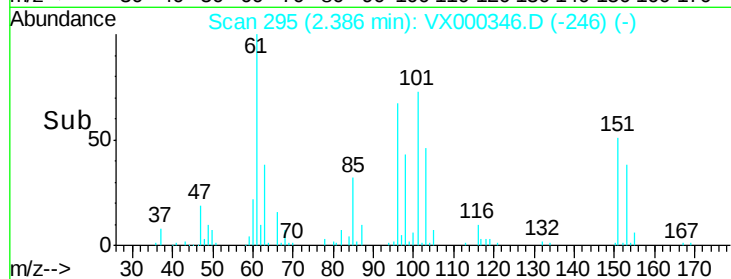
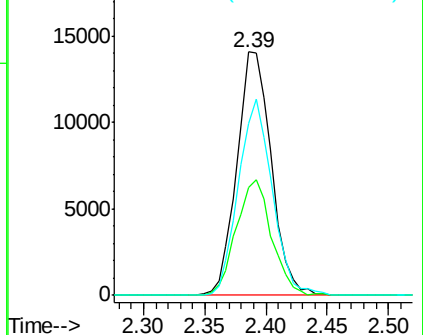
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.69 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 27510
Ion Ratio Lower Upper
101 100
85 49.0 37.6 56.4
151 79.3 62.6 93.8

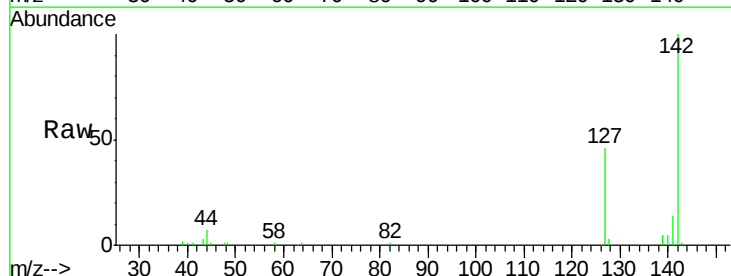


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V

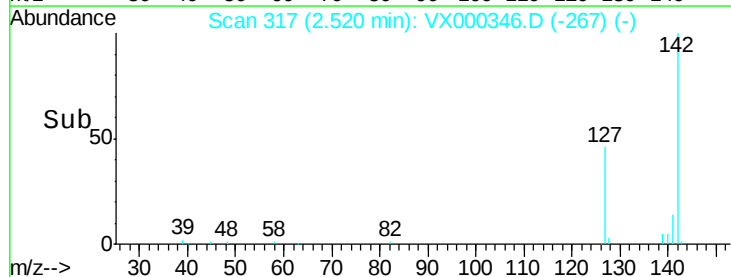
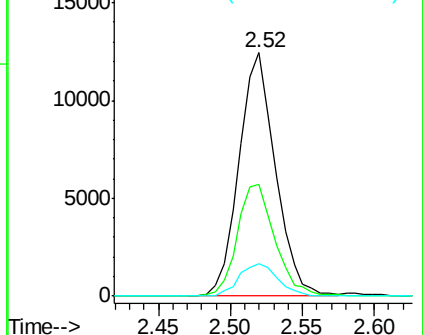


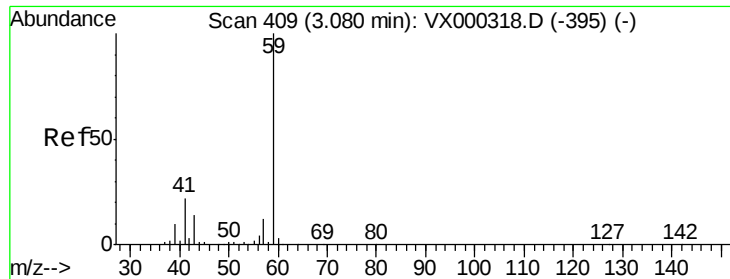
#10
Methyl Iodide
Concen: 15.50 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion:142 Resp: 21881
Ion Ratio Lower Upper
142 100
127 47.2 39.2 58.8
141 14.1 11.7 17.5



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

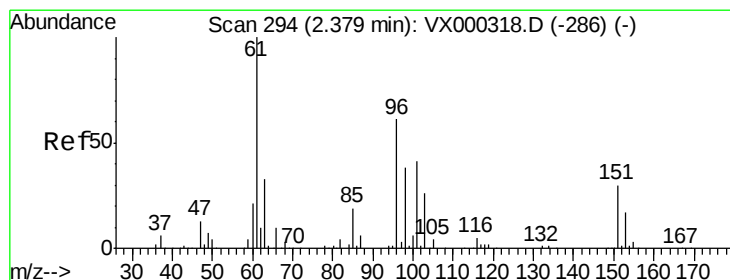
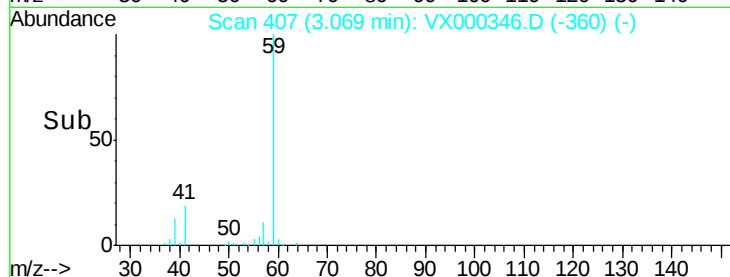
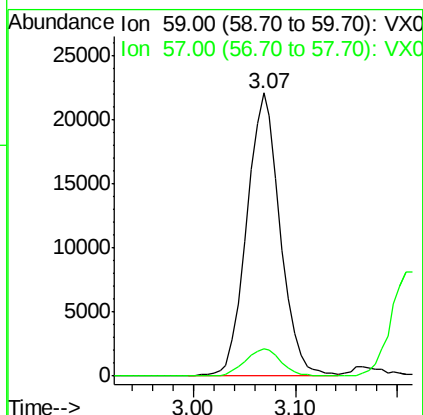
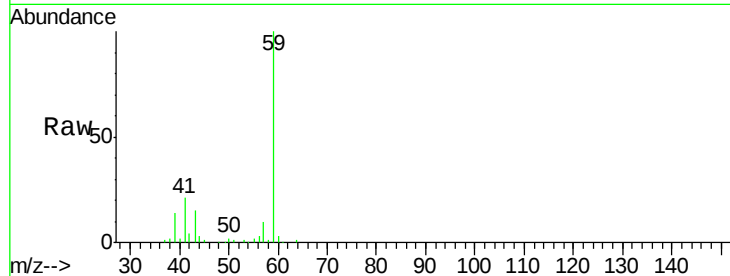




#11
Tert butyl alcohol
Concen: 92.39 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

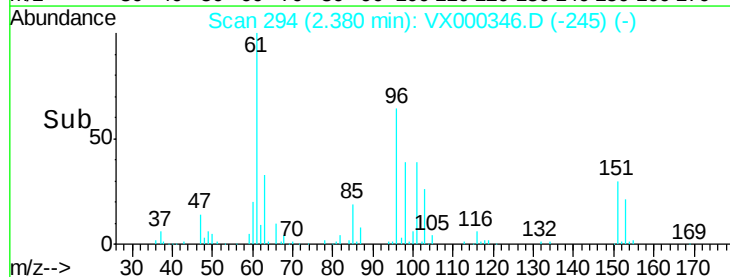
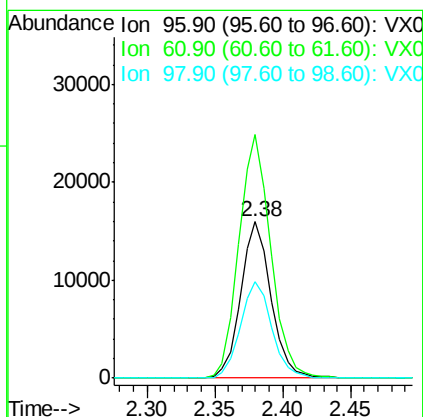
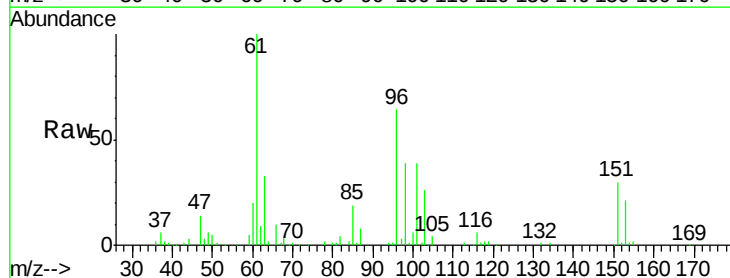
Instrument :
MSVOA_X
ClientSampled :

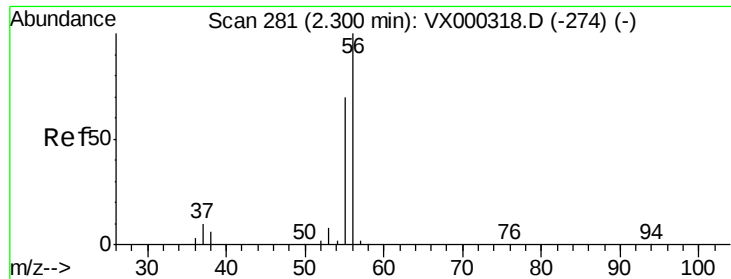
Tot Ion: 59 Resp: 50244
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 18.75 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 96 Resp: 24866
Ion Ratio Lower Upper
96 100
61 156.1 131.2 196.8
98 61.5 49.8 74.8





#13

Acrolein

Concen: 85.44 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

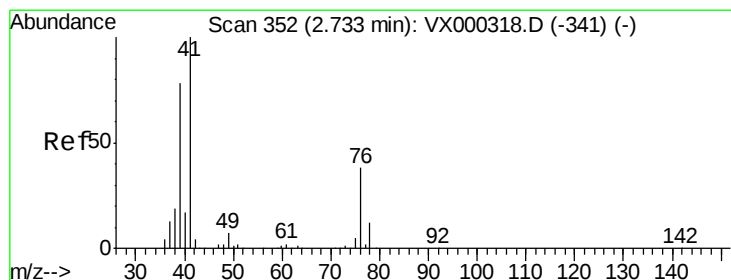
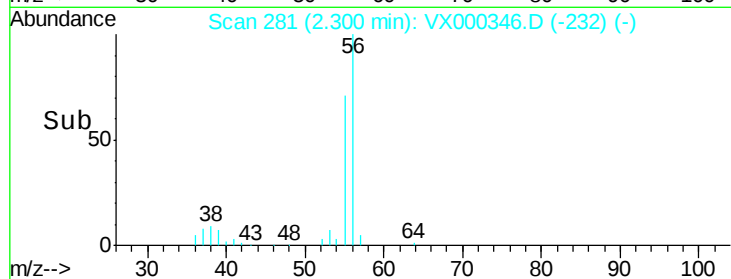
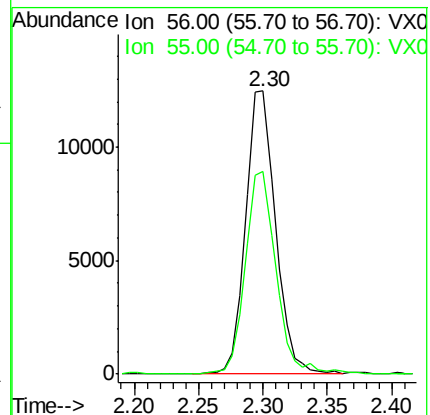
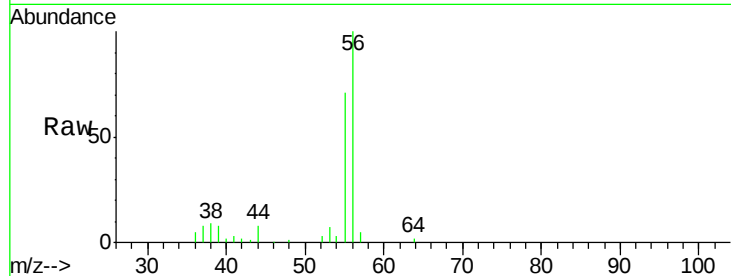
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 19991

Ion Ratio Lower Upper

56 100

55 73.9 58.8 88.2



#14

Allyl chloride

Concen: 18.81 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

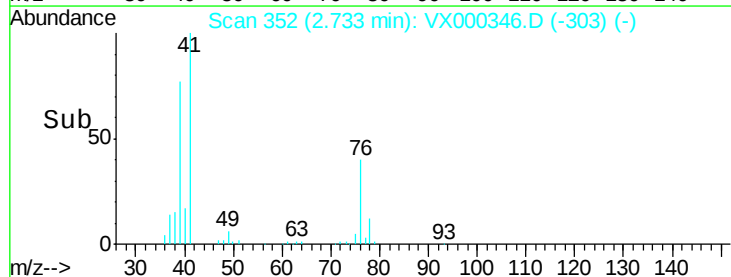
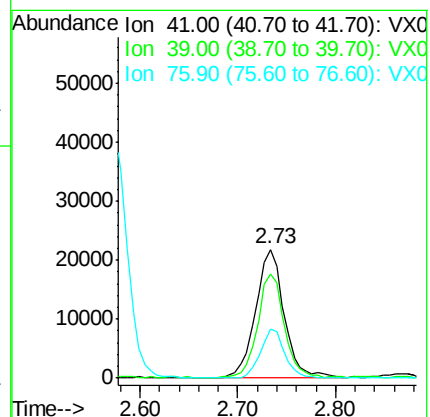
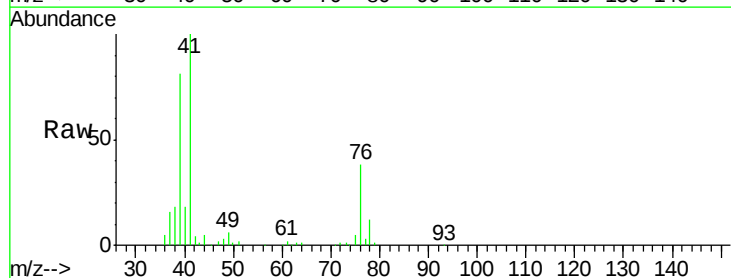
Tgt Ion: 41 Resp: 44485

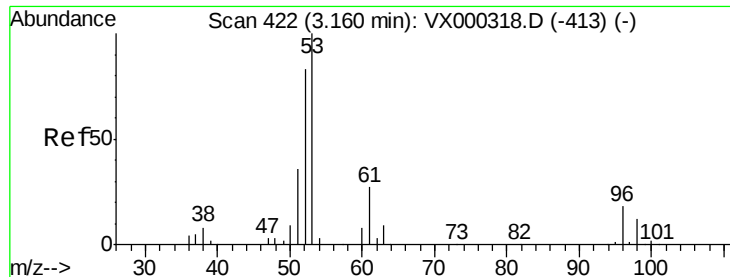
Ion Ratio Lower Upper

41 100

39 74.3 57.6 86.4

76 32.3 27.3 40.9





#15

Acrylonitrile

Concen: 97.57 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

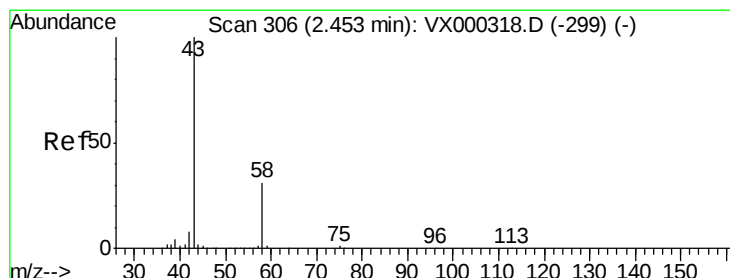
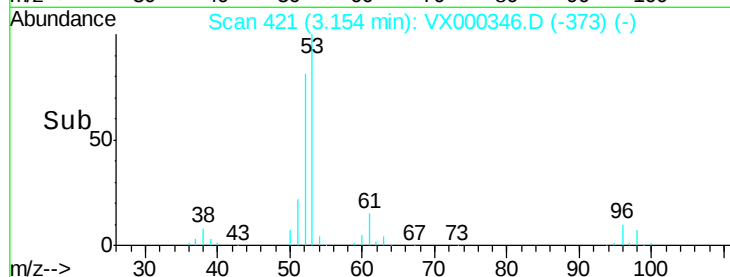
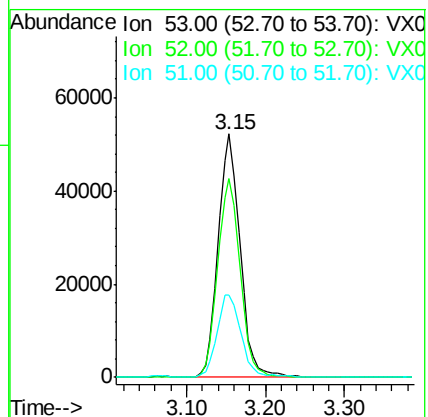
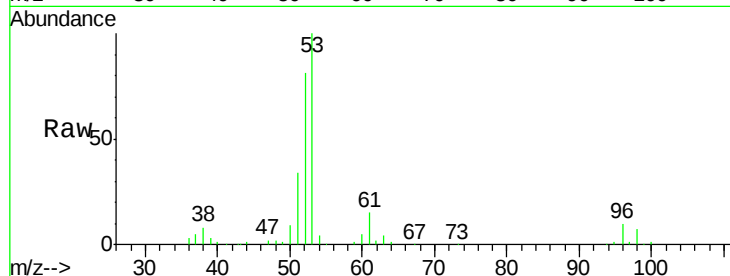
Tot Ion: 53 Resp: 102316

Ion Ratio Lower Upper

53 100

52 83.1 66.6 99.8

51 37.1 29.3 43.9



#16

Acetone

Concen: 101.77 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000346.D

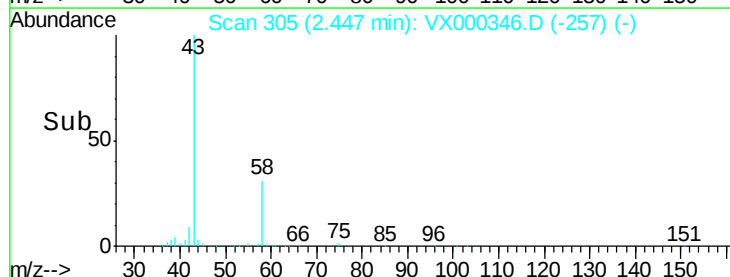
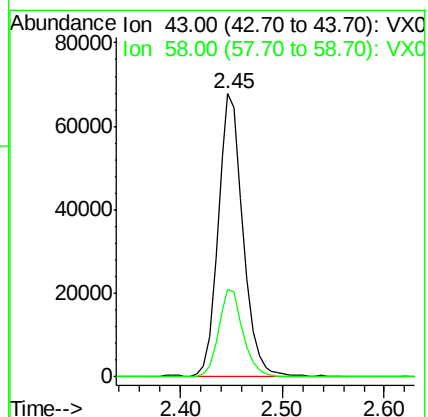
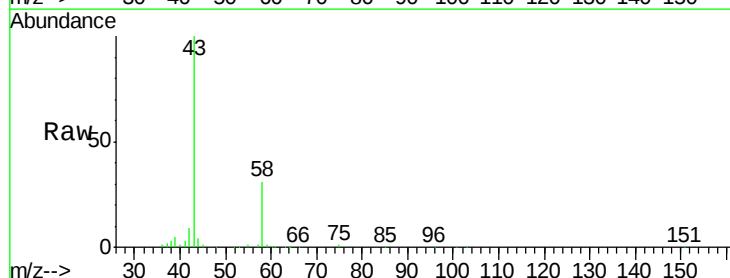
Acq: 16 Mar 2018 14:14

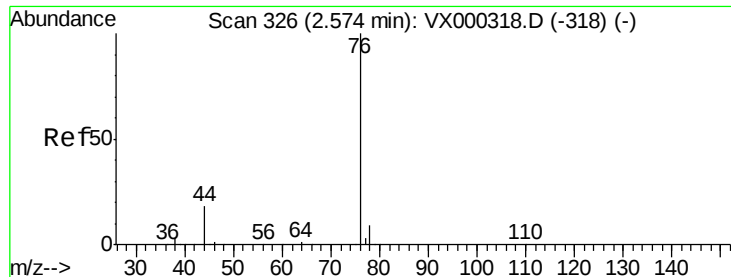
Tgt Ion: 43 Resp: 114213

Ion Ratio Lower Upper

43 100

58 30.8 24.7 37.1

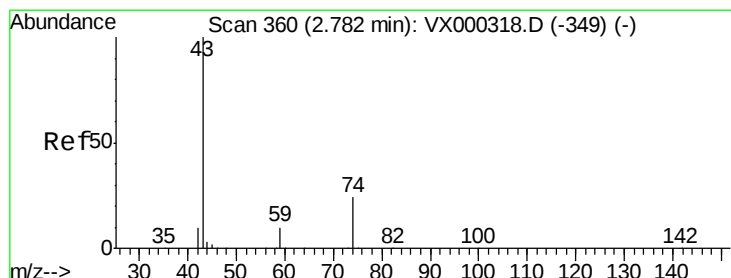
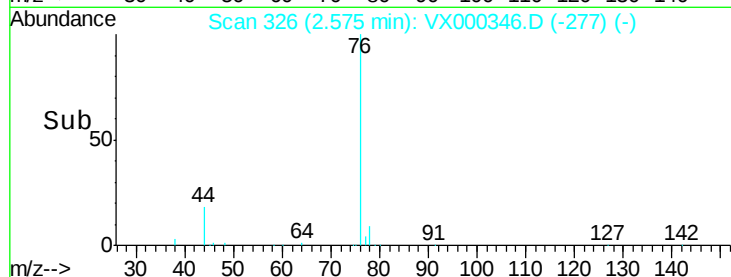
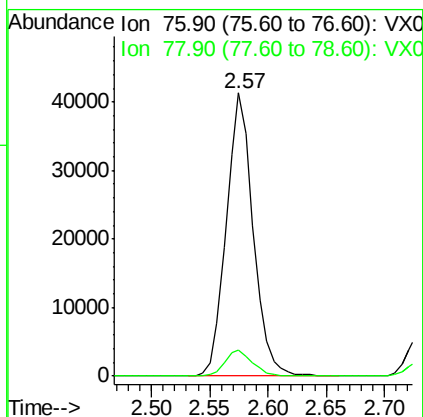
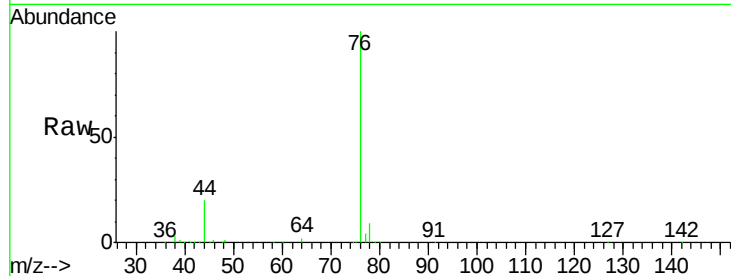




#17
Carbon Disulfide
Concen: 17.09 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

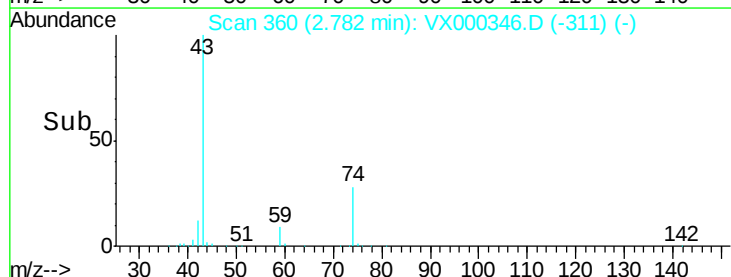
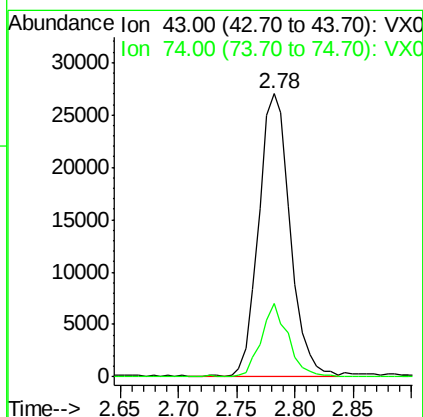
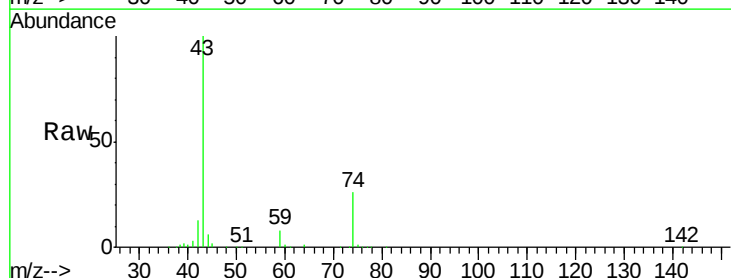
Instrument :
MSVOA_X
ClientSampleId :

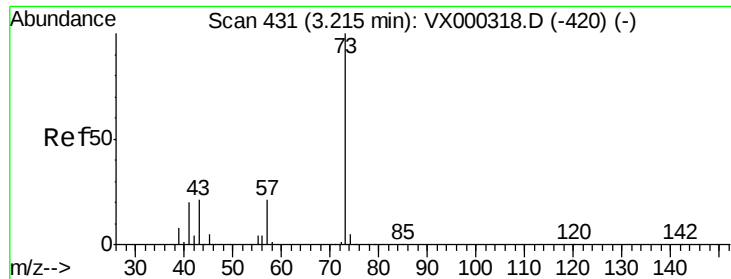
Tot Ion: 76 Resp: 66224
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 20.31 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 43 Resp: 50996
Ion Ratio Lower Upper
43 100
74 22.3 19.4 29.2

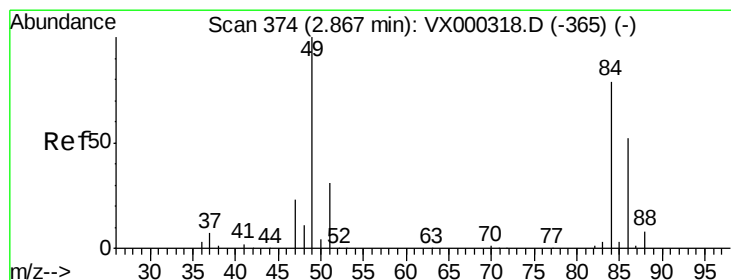
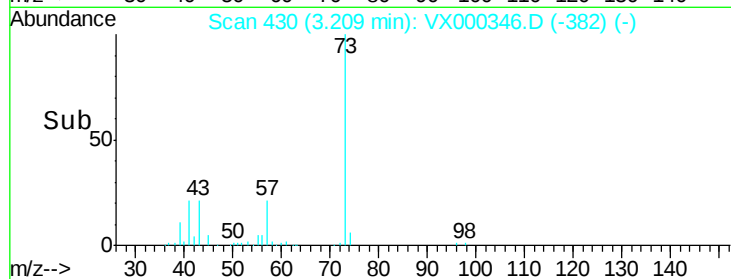
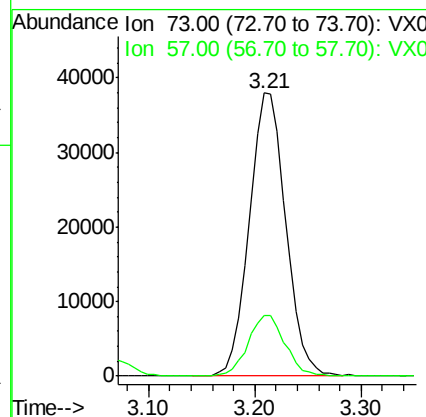
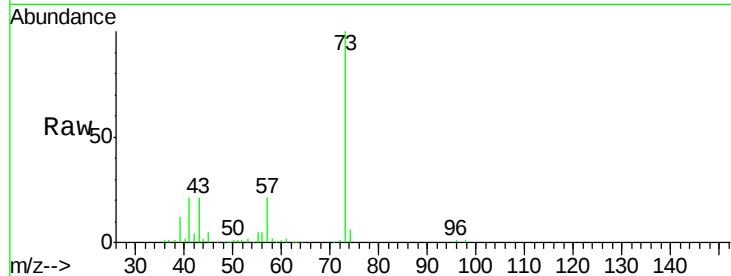




#19
Methvl tert-butvl Ether
Concen: 19.59 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

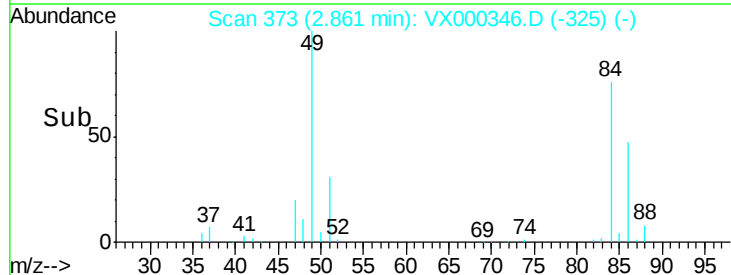
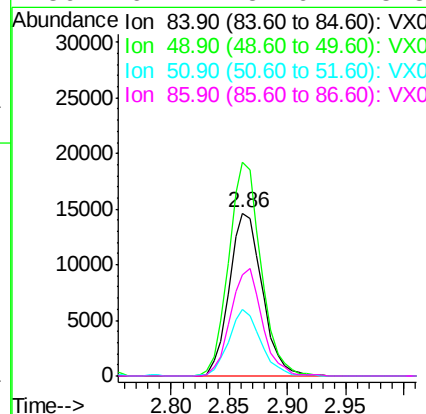
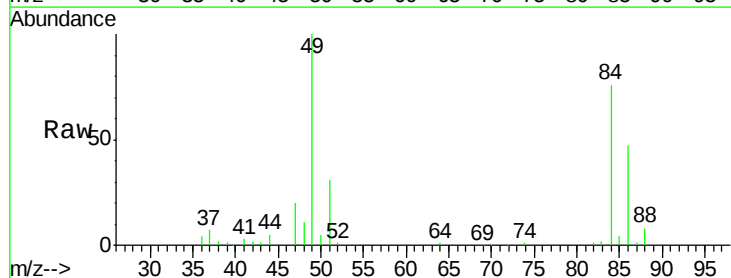
Instrument :
MSVOA_X
ClientSampleId :

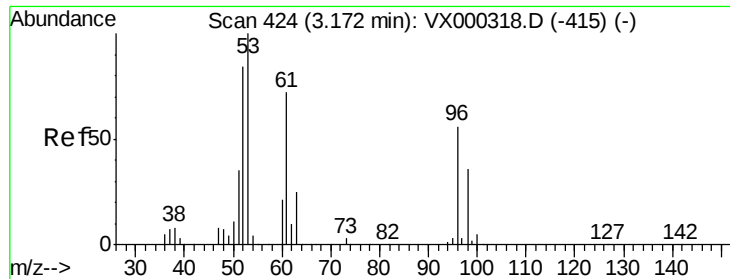
Tot Ion: 73 Resp: 91478
Ion Ratio Lower Upper
73 100
57 21.3 17.2 25.8



#20
Methylene Chloride
Concen: 19.75 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 84 Resp: 28697
Ion Ratio Lower Upper
84 100
49 131.4 100.6 151.0
51 41.0 31.6 47.4
86 62.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.09 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :

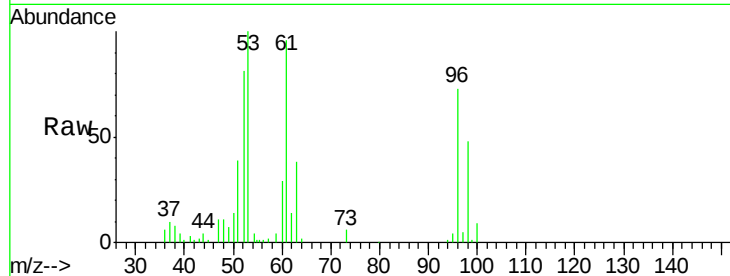
Tot Ion: 96 Resp: 26530

Ion Ratio Lower Upper

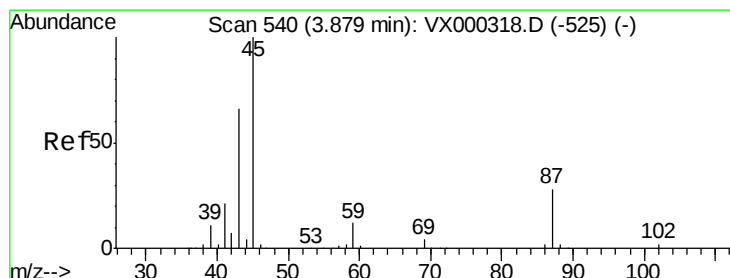
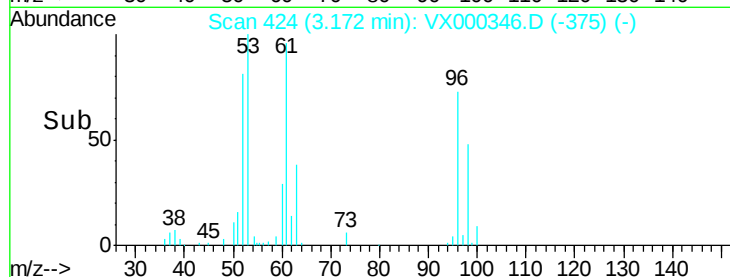
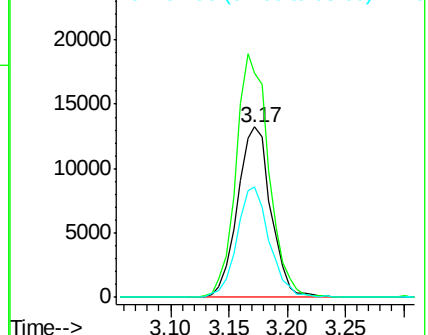
96 100

61 131.4 104.0 156.0

98 65.2 52.1 78.1



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: 17.26 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion: 45 Resp: 67951

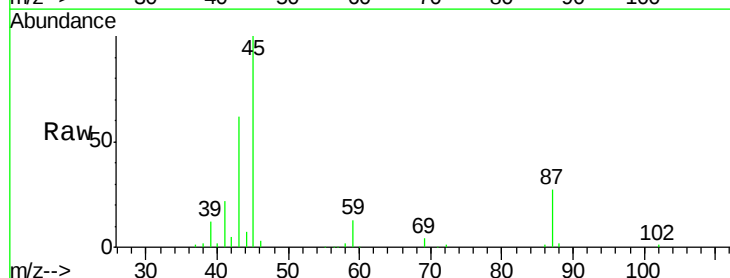
Ion Ratio Lower Upper

45 100

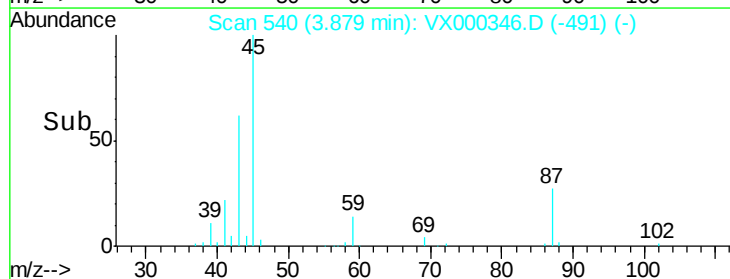
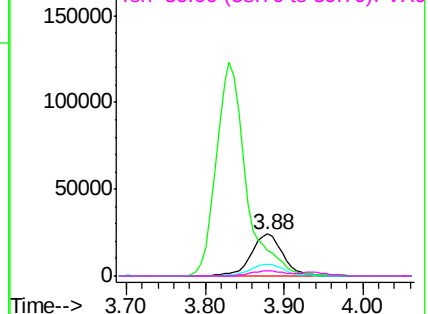
43 60.0 53.9 80.9

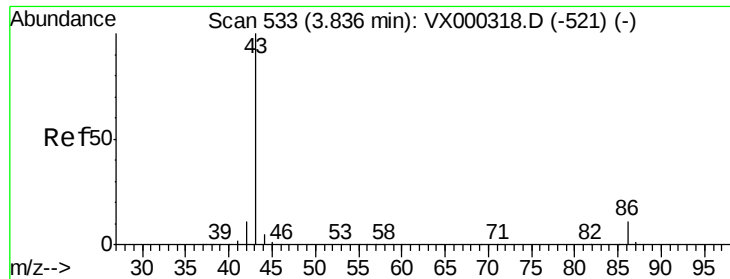
87 26.6 22.6 34.0

59 13.5 9.5 14.3



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: 86.67 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

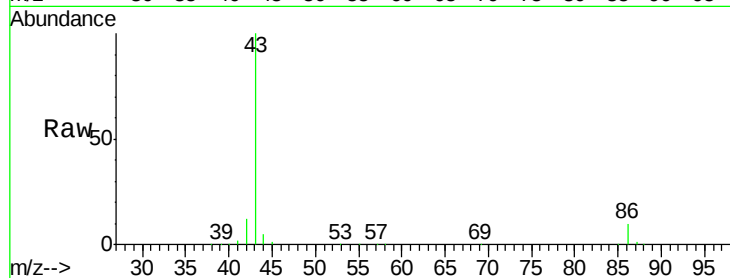
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 325143

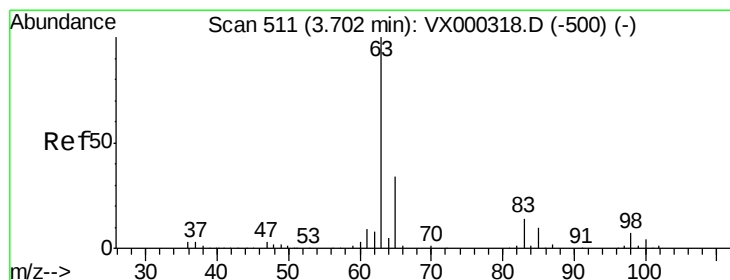
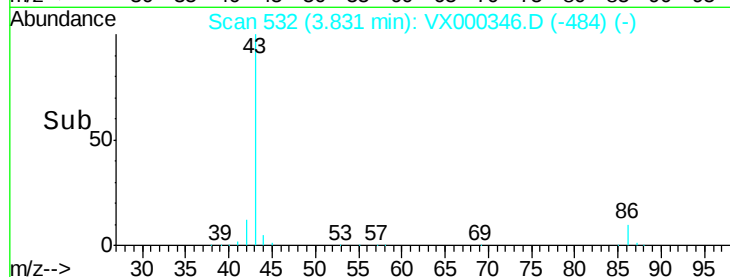
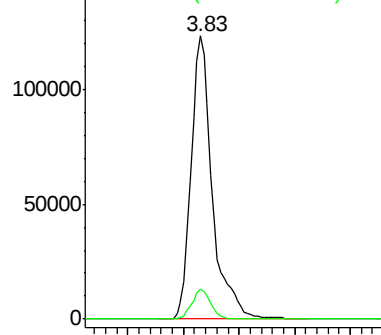
Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.49 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

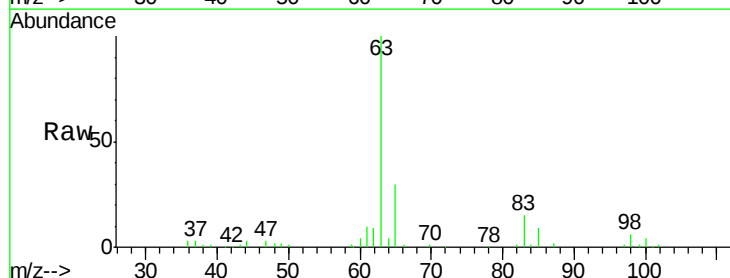
Tgt Ion: 63 Resp: 48263

Ion Ratio Lower Upper

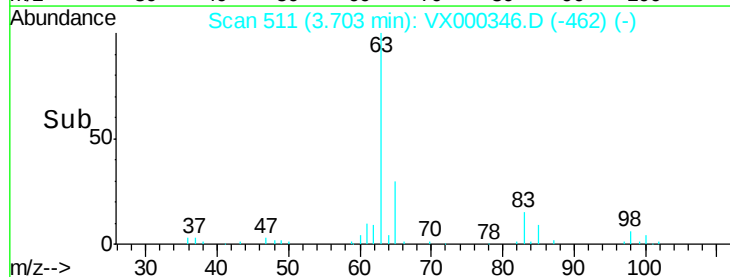
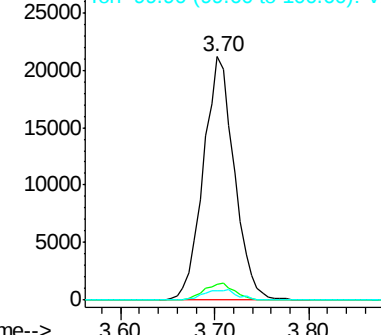
63 100

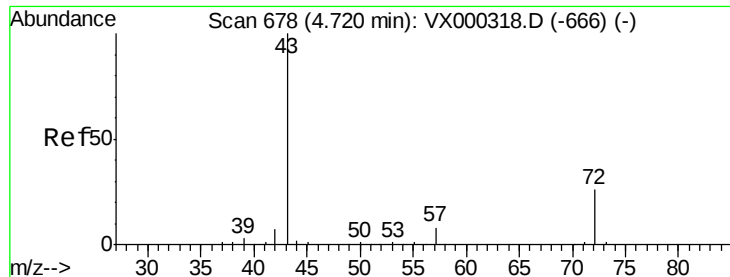
98 6.4 3.3 9.9

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.76 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

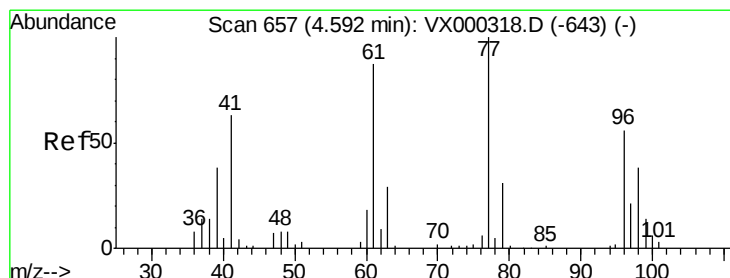
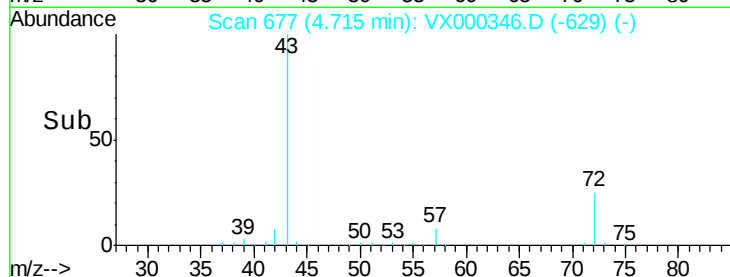
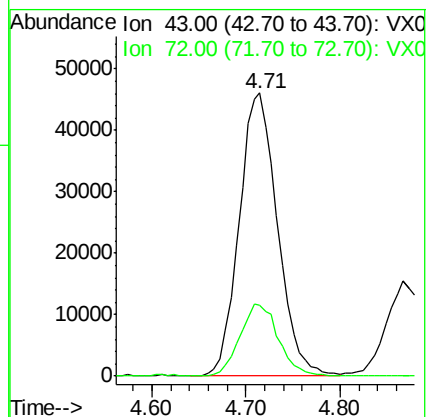
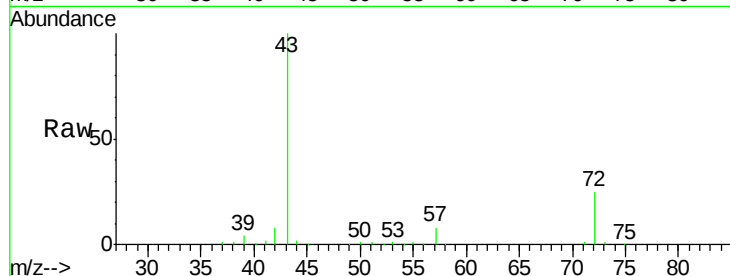
ClientSampled :

Tot Ion: 43 Resp: 131134

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.67 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000346.D

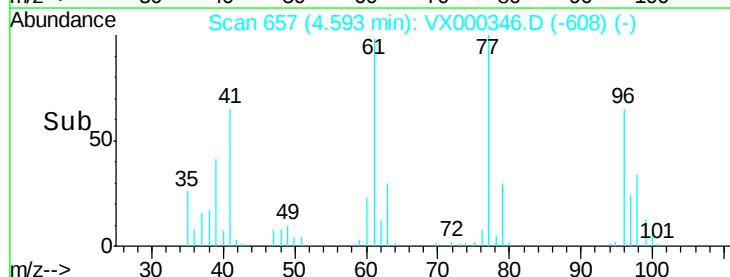
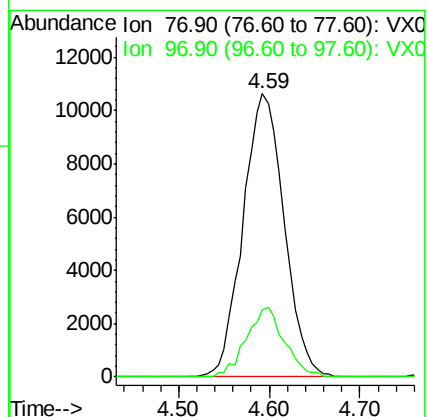
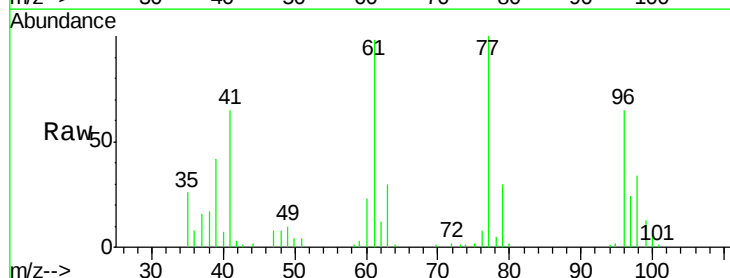
Acq: 16 Mar 2018 14:14

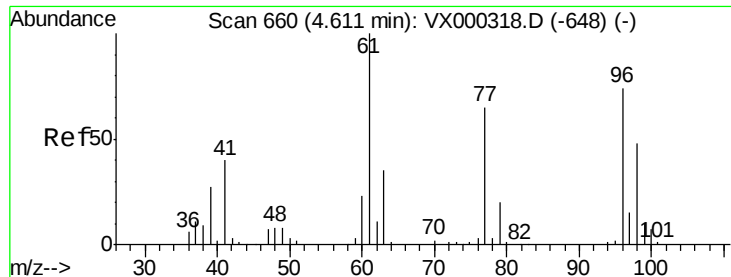
Tgt Ion: 77 Resp: 33366

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8



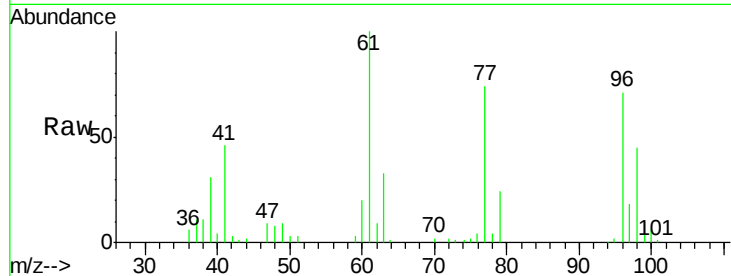


#27

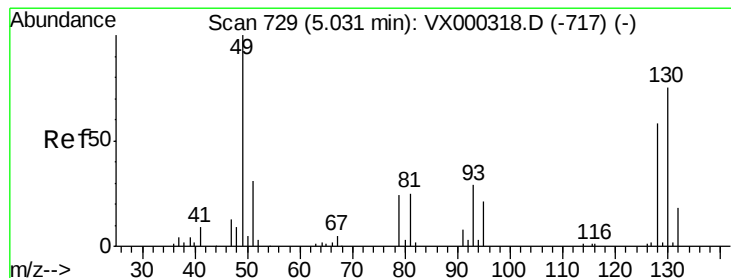
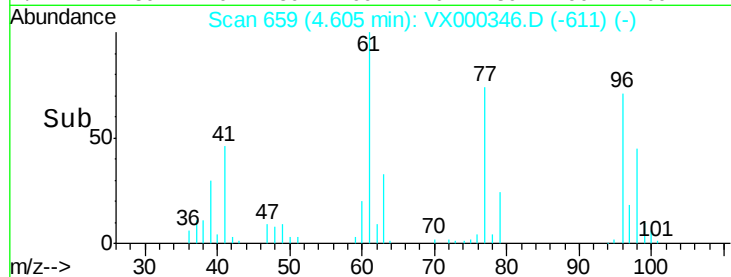
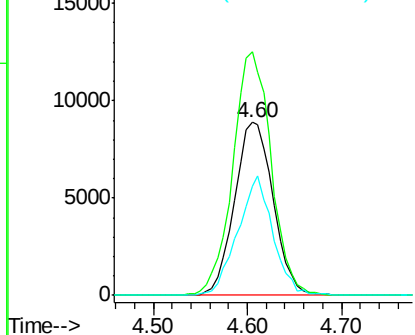
cis-1,2-Dichloroethene
Concen: 19.08 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 25561
Ion Ratio Lower Upper
96 100
61 139.3 0.0 291.6
98 62.6 0.0 132.0



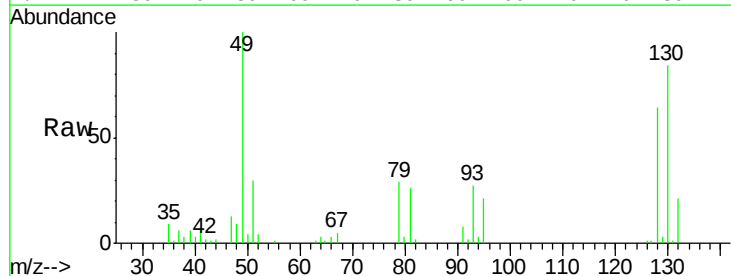
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



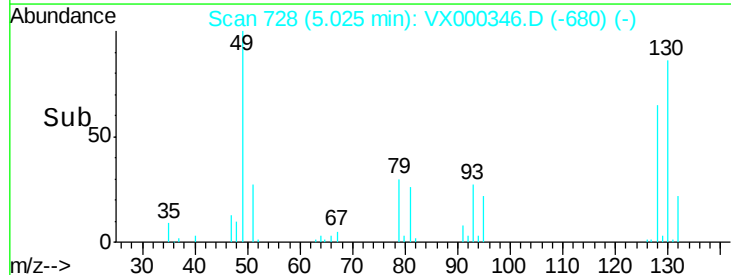
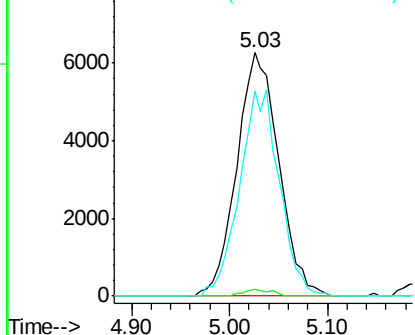
#28

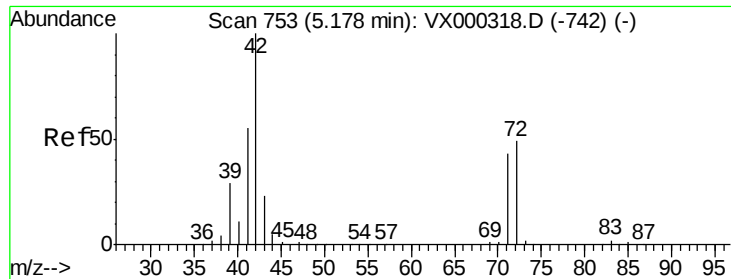
Bromochloromethane
Concen: 17.97 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 49 Resp: 18699
Ion Ratio Lower Upper
49 100
129 1.9 0.0 5.0
130 80.4 64.0 96.0



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

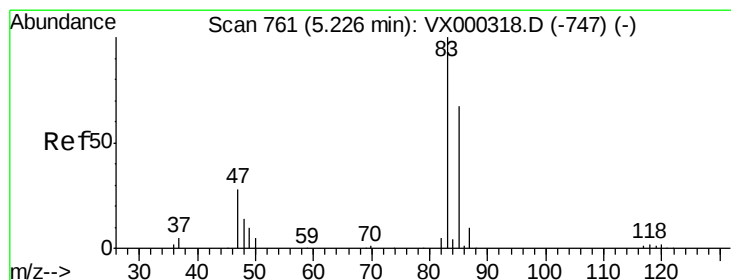
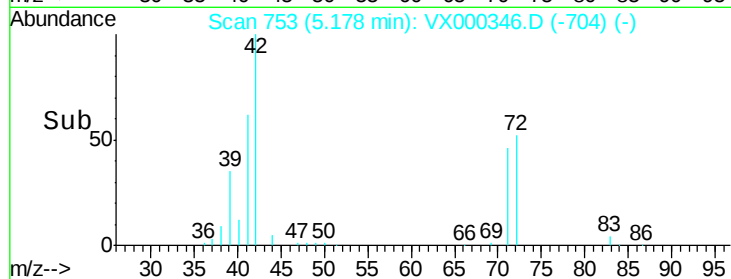
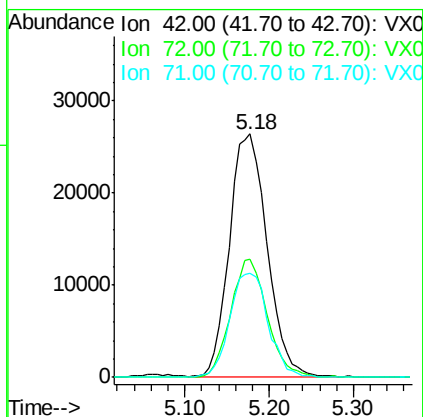
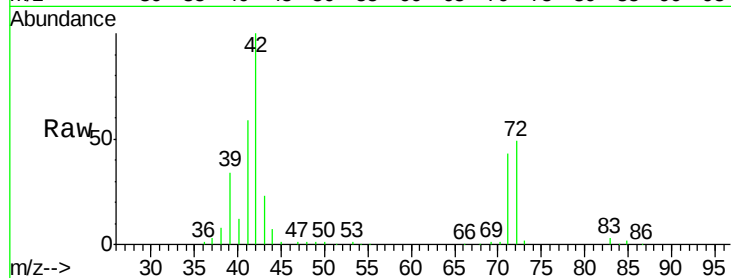




#29
Tetrahydrofuran
Concen: 93.22 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

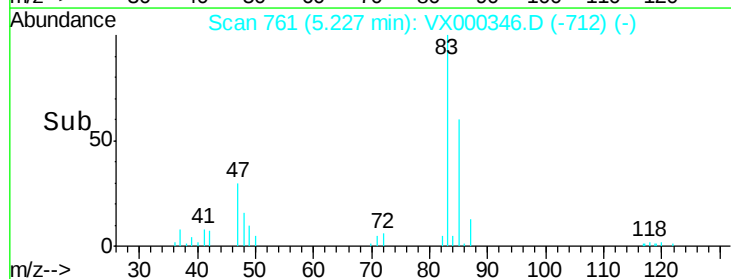
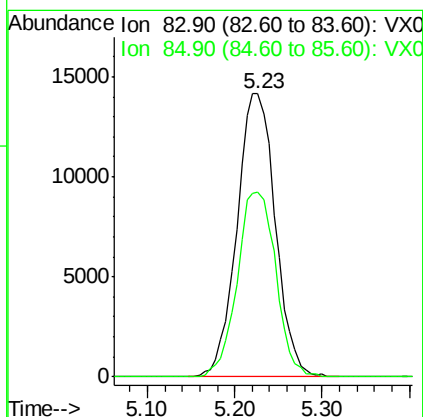
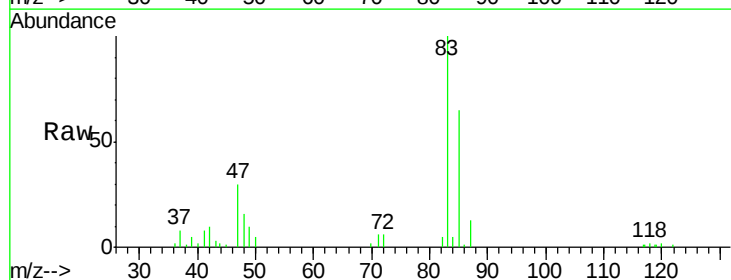
Instrument :
MSVOA_X
ClientSampled :

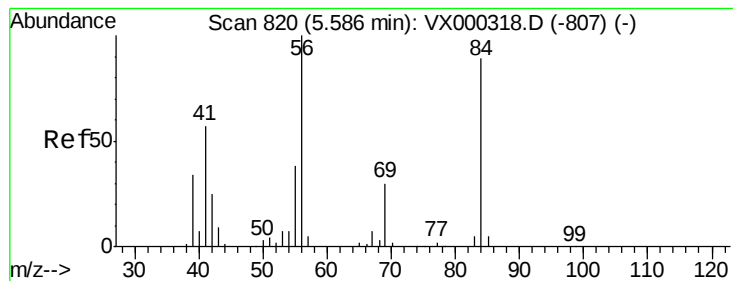
Tot Ion: 42 Resp: 80481
Ion Ratio Lower Upper
42 100
72 46.7 37.9 56.9
71 43.6 34.4 51.6



#30
Chloroform
Concen: 18.49 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 83 Resp: 43219
Ion Ratio Lower Upper
83 100
85 65.5 53.3 79.9





#31

Cyclohexane

Concen: 19.03 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampled :

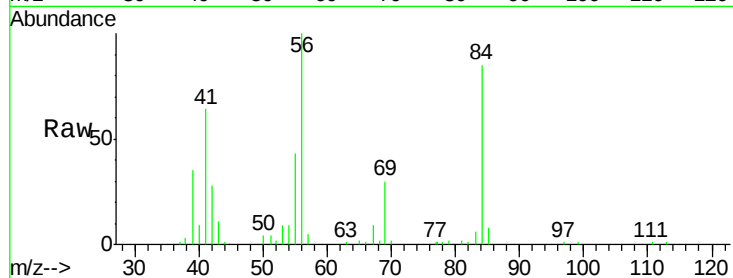
Tot Ion: 56 Resp: 36164

Ion Ratio Lower Upper

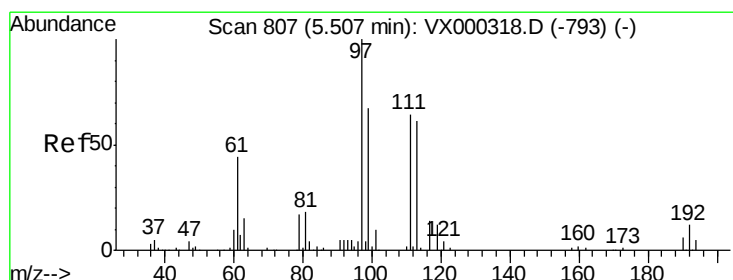
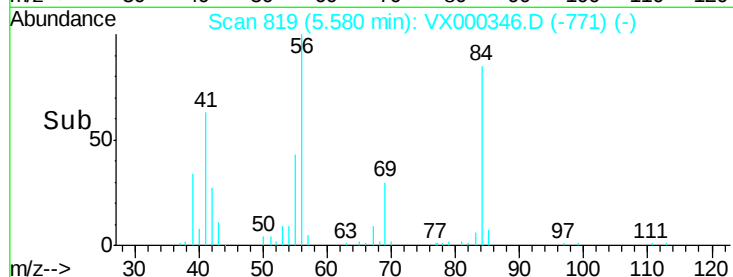
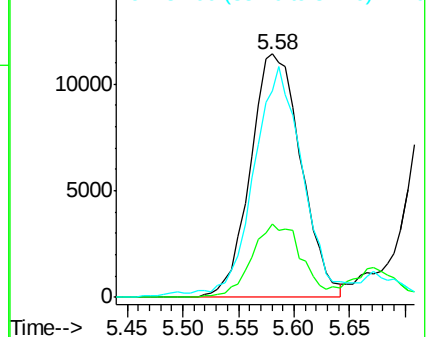
56 100

69 30.2 23.4 35.0

84 82.9 71.0 106.4



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



#32

1,1,1-Trichloroethane

Concen: 18.71 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

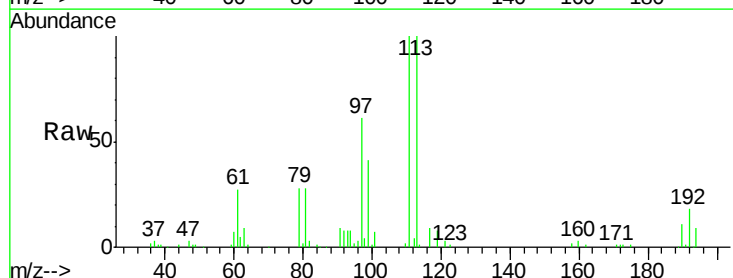
Tgt Ion: 97 Resp: 38656

Ion Ratio Lower Upper

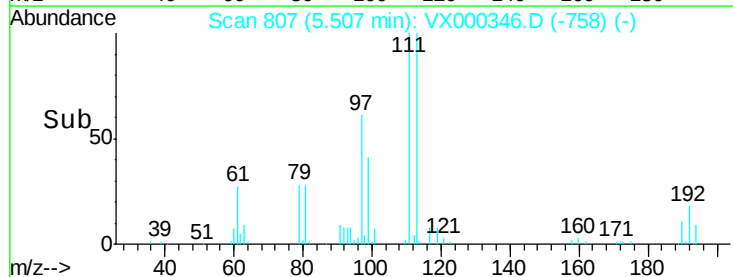
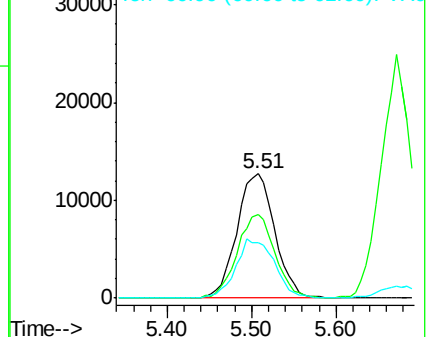
97 100

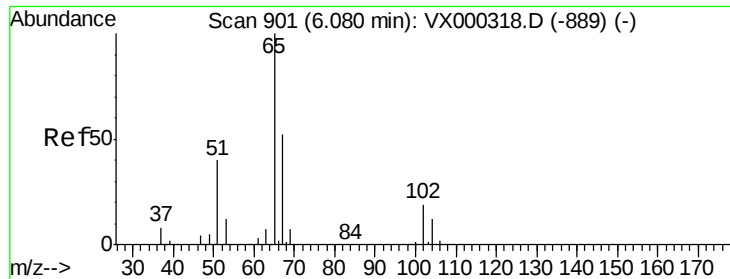
99 67.1 52.1 78.1

61 48.2 36.2 54.4



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





#33

1,2-Dichloroethane-d4

Concen: 45.60 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

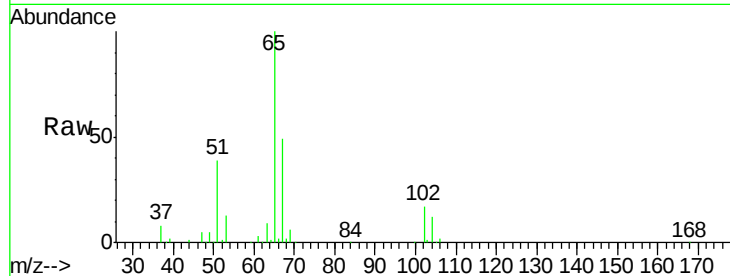
ClientSampleId :

Tot Ion: 65 Resp: 76644

Ion Ratio Lower Upper

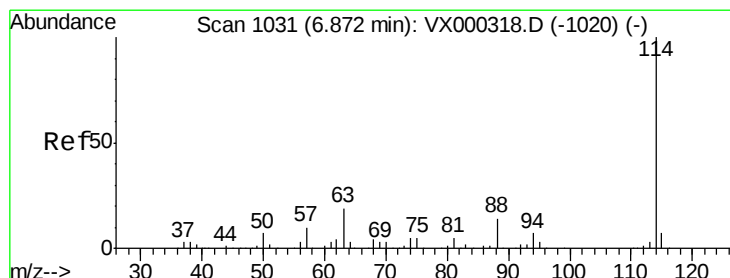
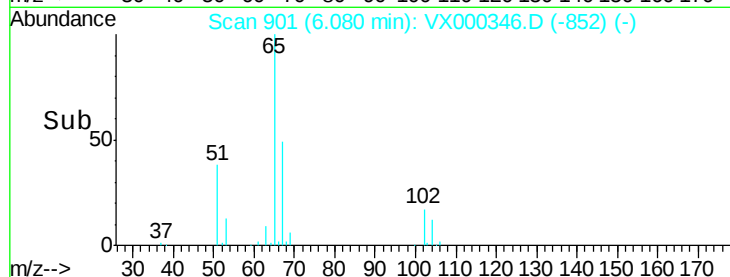
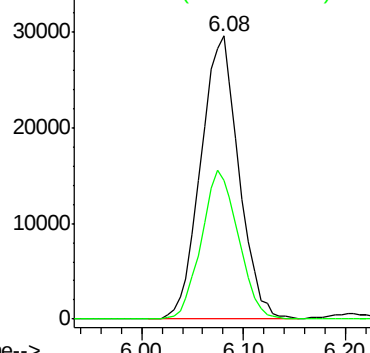
65 100

67 51.0 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

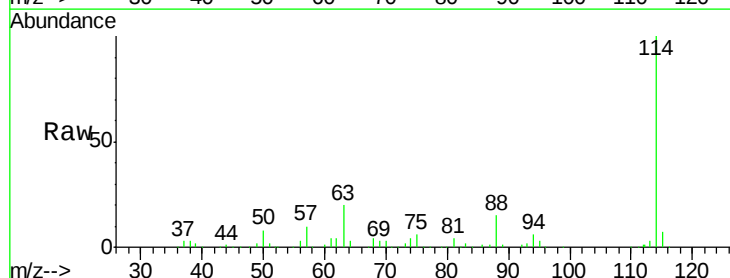
Tgt Ion: 114 Resp: 194479

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

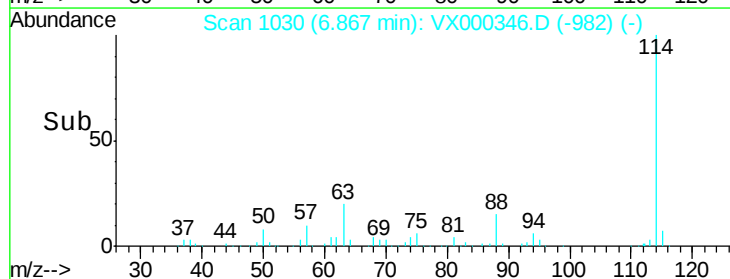
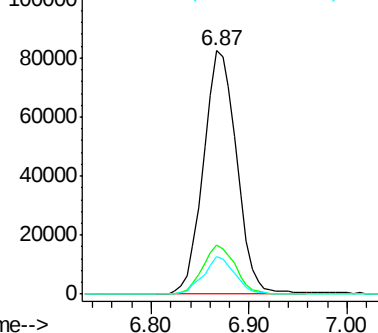
88 15.3 0.0 27.0

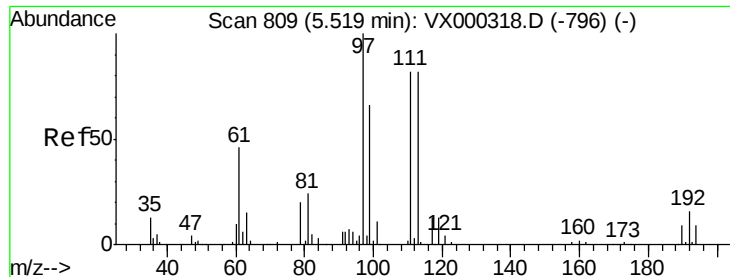


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

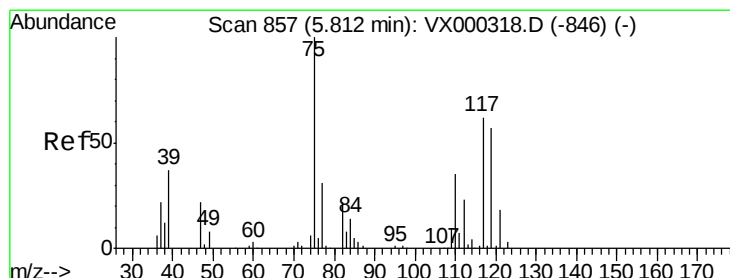
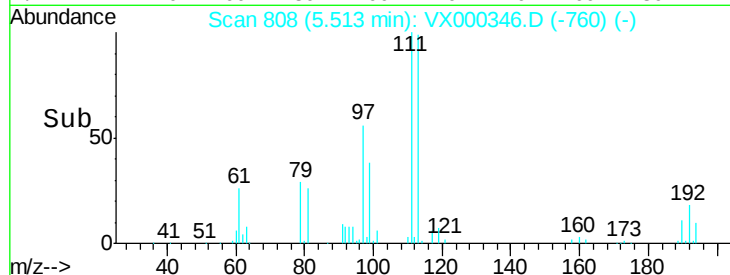
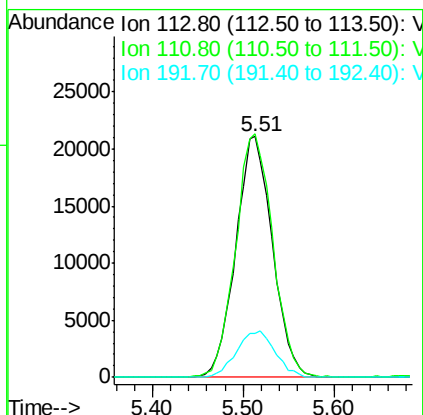
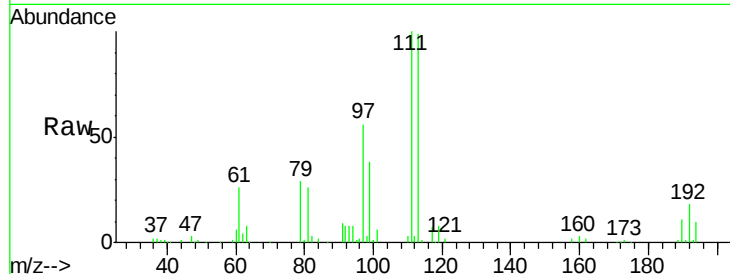




#35
 Dibromofluoromethane
 Concen: 48.15 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

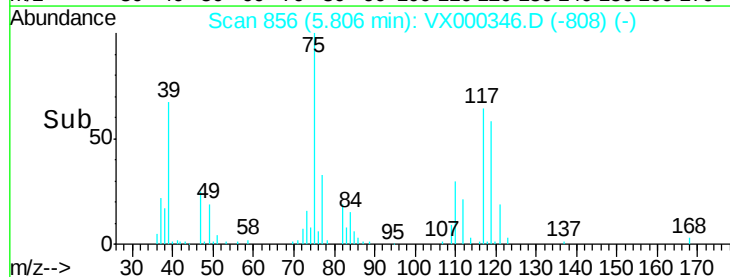
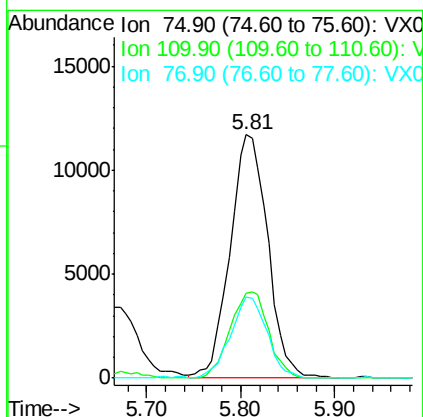
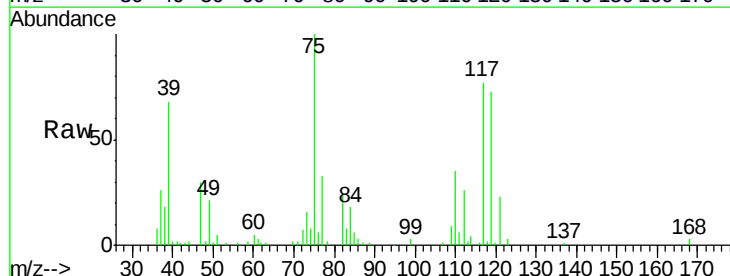
Instrument :
 MSVOA_X
 ClientSampleId :

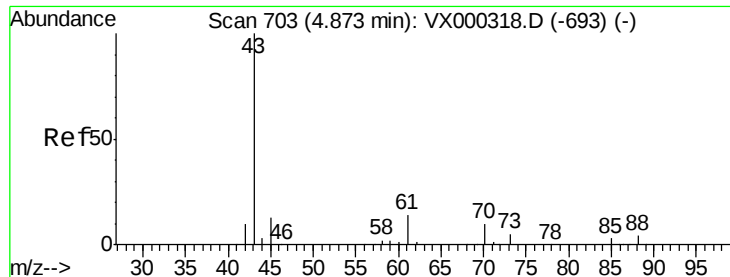
Tot Ion:113 Resp: 59083
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 20.1 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 18.45 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion: 75 Resp: 32606
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.9 53.7
 77 32.3 24.0 36.0





#37

Ethyl Acetate

Concen: 18.91 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

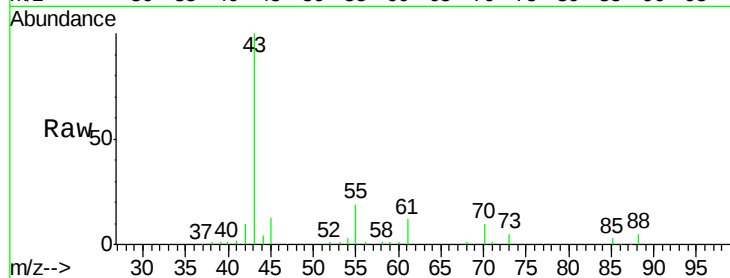
Tot Ion: 43 Resp: 44400

Ion Ratio Lower Upper

43 100

61 13.5 11.1 16.7

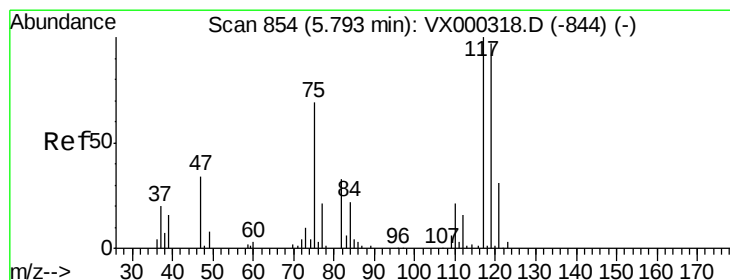
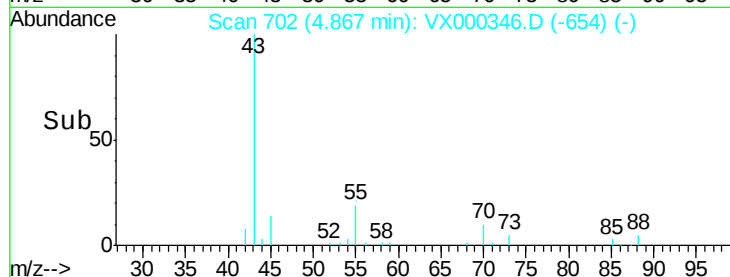
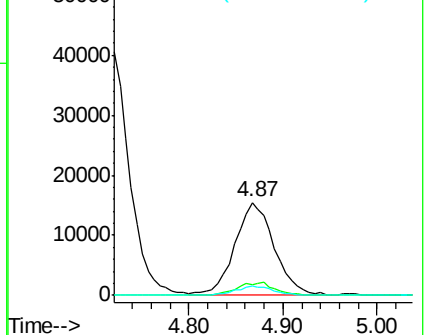
70 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX000318.D (-693) (-)

Ion 60.90 (60.60 to 61.60): VX000318.D (-693) (-)

Ion 70.00 (69.70 to 70.70): VX000318.D (-693) (-)



#38

Carbon Tetrachloride

Concen: 19.22 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

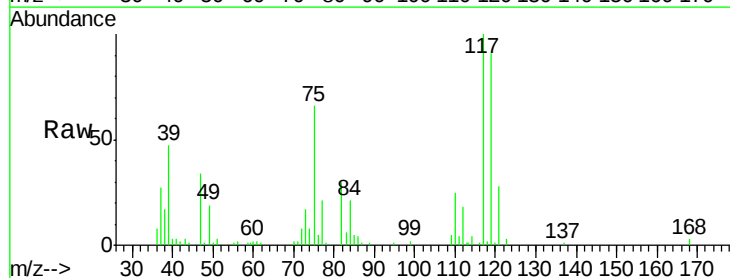
Tgt Ion: 117 Resp: 34234

Ion Ratio Lower Upper

117 100

119 91.4 77.4 116.2

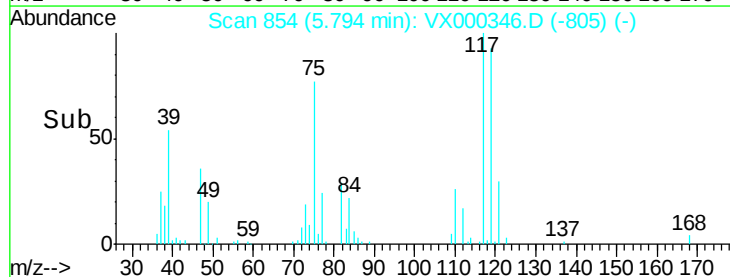
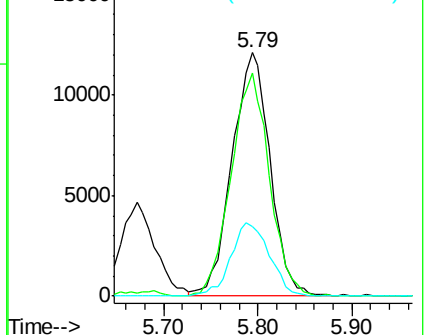
121 28.4 24.8 37.2

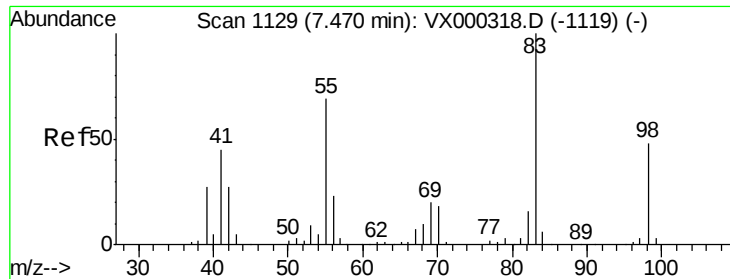


Abundance Ion 116.80 (116.50 to 117.50): VX000318.D (-844) (-)

Ion 118.80 (118.50 to 119.50): VX000318.D (-844) (-)

Ion 120.80 (120.50 to 121.50): VX000318.D (-844) (-)

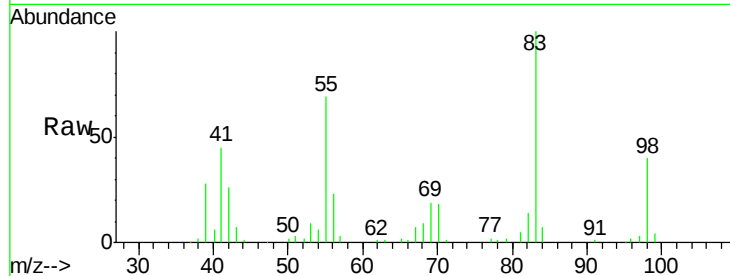




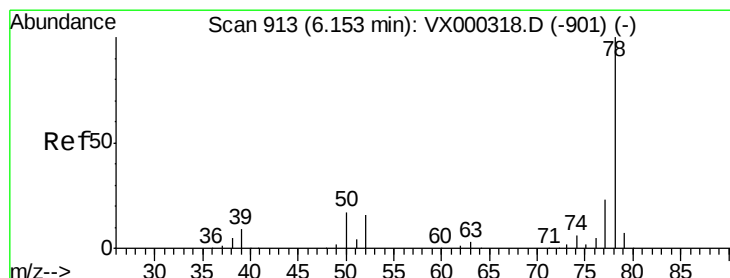
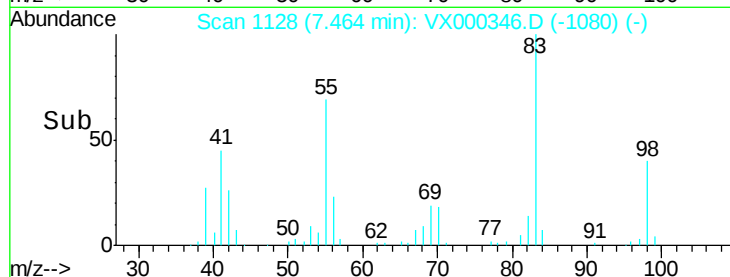
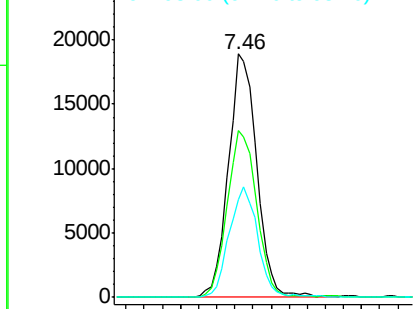
#39
Methvlcvclohexane
Concen: 19.97 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 41165
Ion Ratio Lower Upper
83 100
55 68.7 55.5 83.3
98 40.3 38.2 57.4

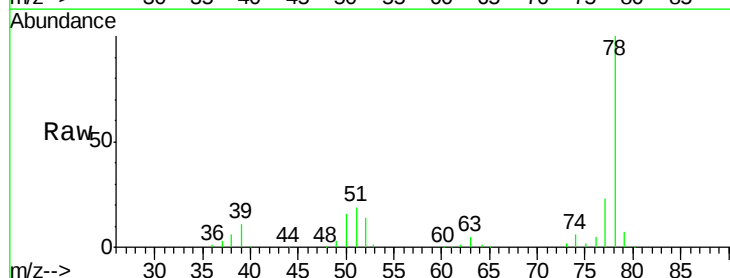


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

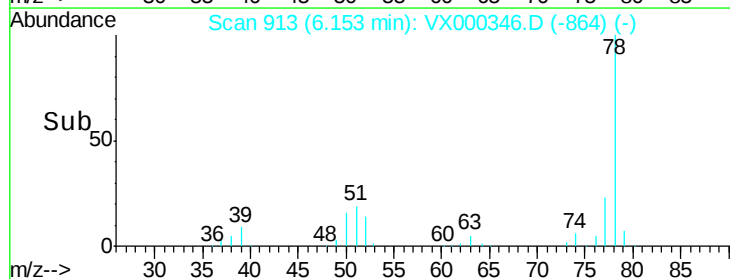
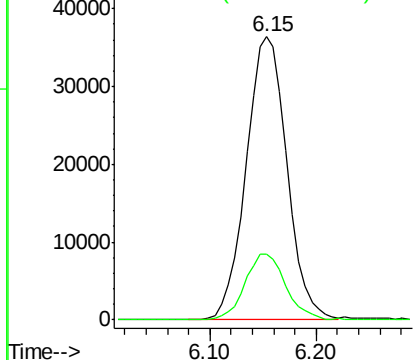


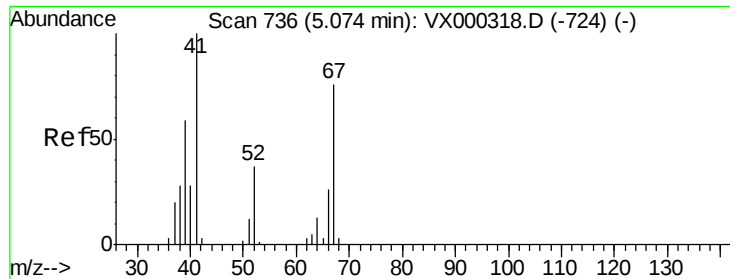
#40
Benzene
Concen: 19.49 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 78 Resp: 97725
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



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

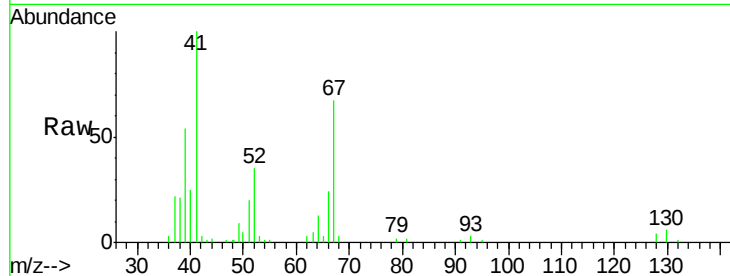




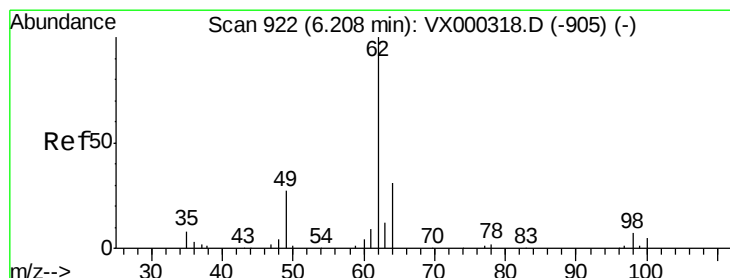
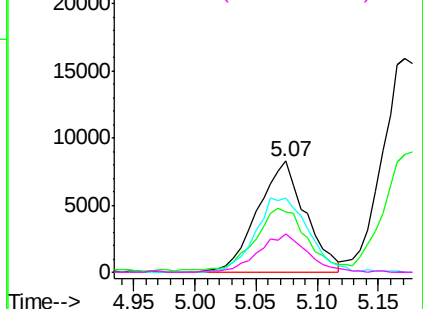
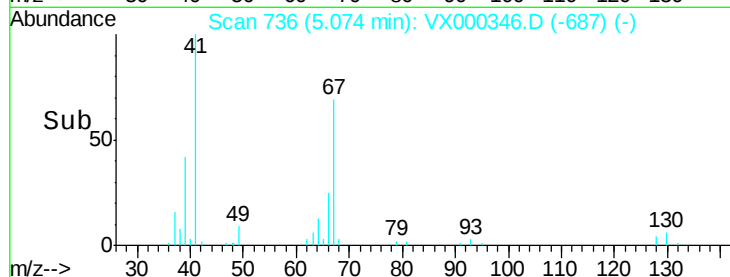
#41
Methacrylonitrile
Concen: 18.23 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	22480
Ion	Ratio	Lower	Upper
41	100		
39	61.3	45.7	68.5
67	74.3	57.8	86.8
52	35.5	26.7	40.1

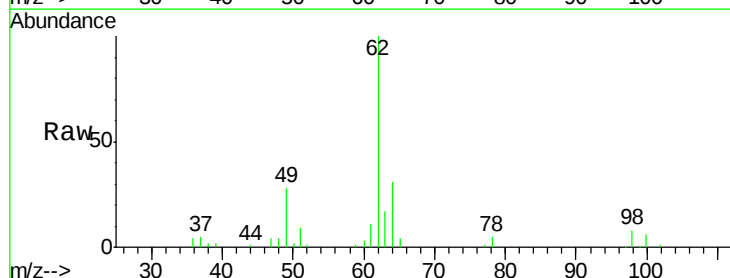


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

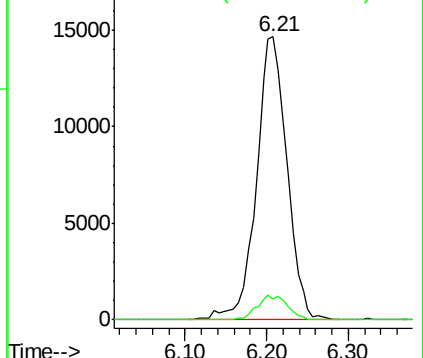
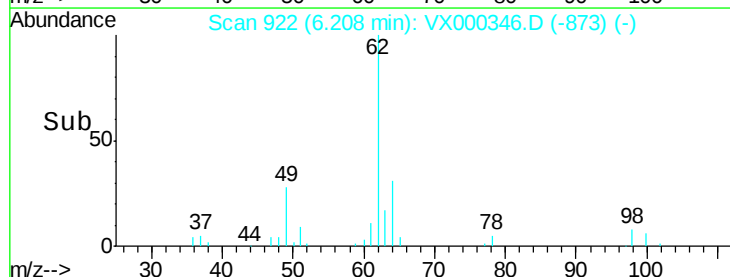


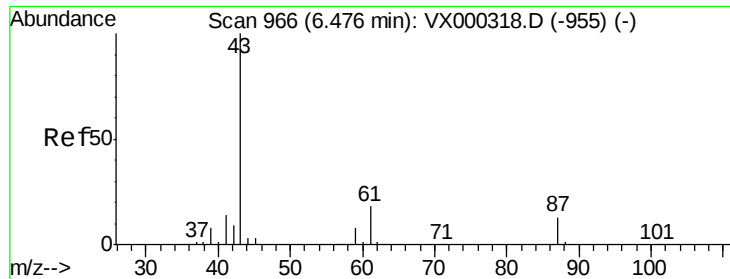
#42
1,2-Dichloroethane
Concen: 19.25 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion:	62	Resp:	38246
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



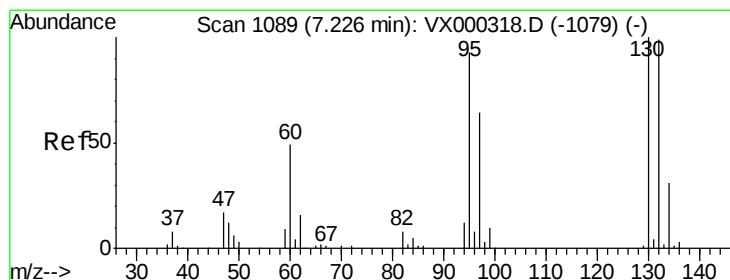
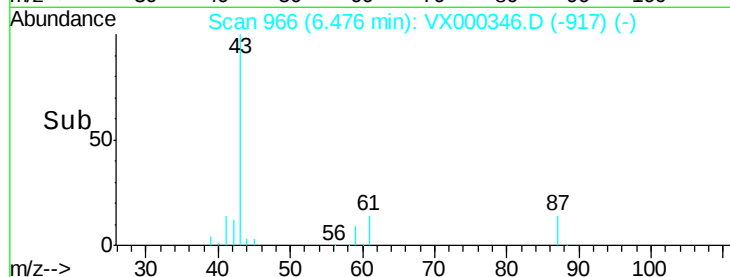
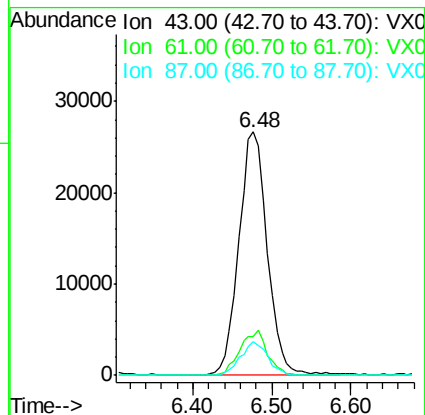
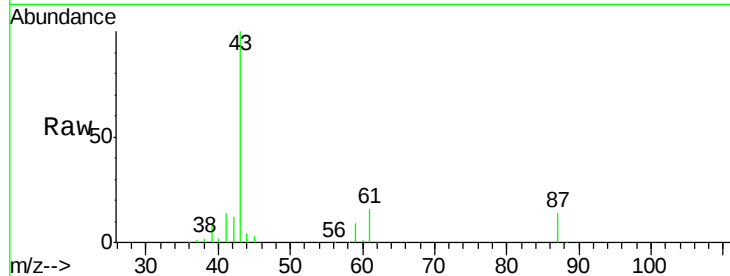


#43

Isopropyl Acetate
 Concen: 19.76 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :

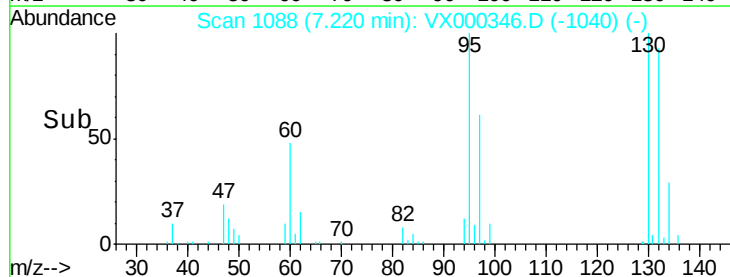
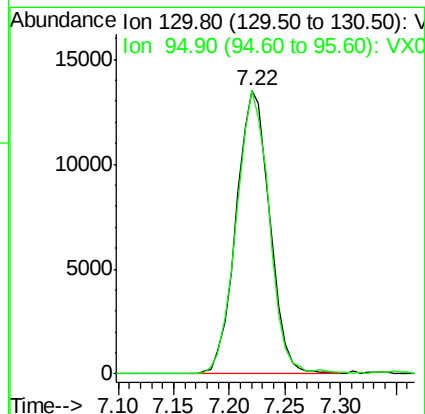
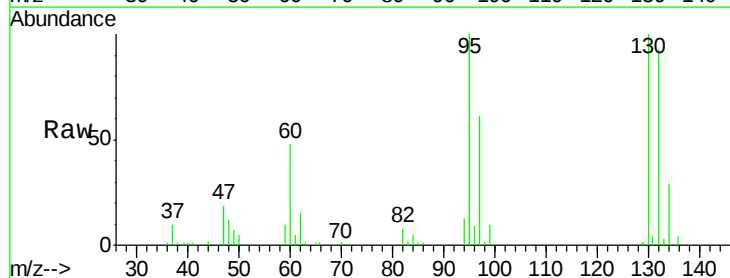
Tot Ion: 43 Resp: 66983
 Ion Ratio Lower Upper
 43 100
 61 17.6 14.4 21.6
 87 13.2 11.0 16.4

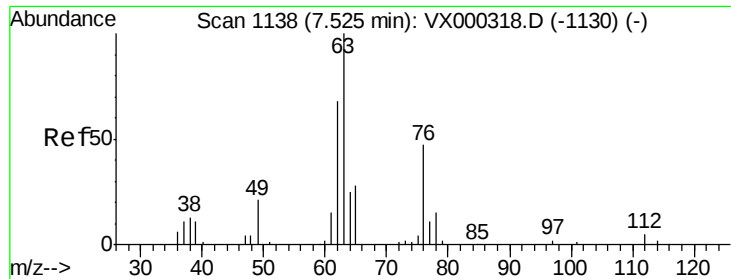


#44

Trichloroethene
 Concen: 19.42 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion:130 Resp: 28207
 Ion Ratio Lower Upper
 130 100
 95 99.9 0.0 186.0

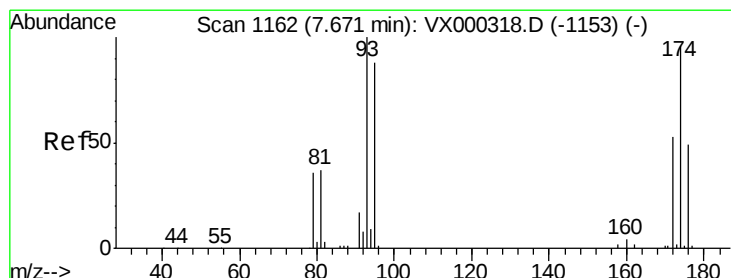
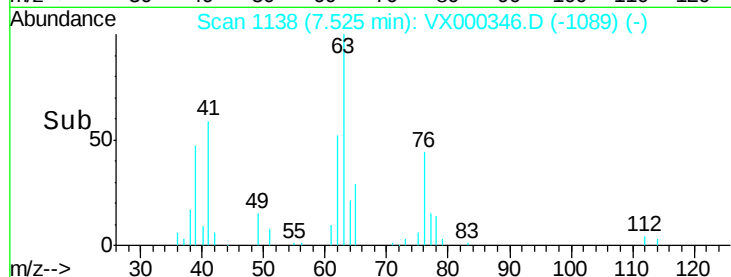
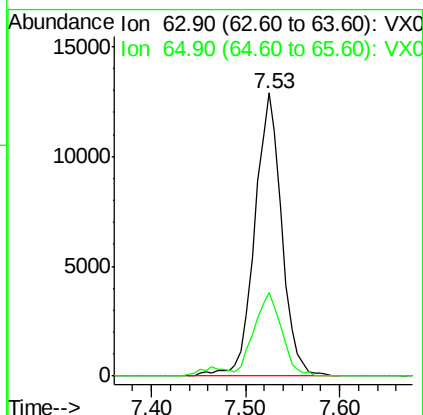
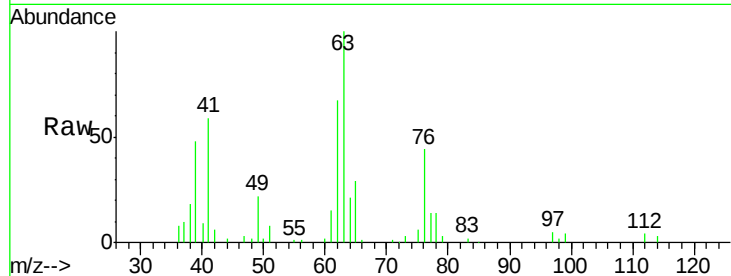




#45
 1,2-Dichloropropane
 Concen: 21.02 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

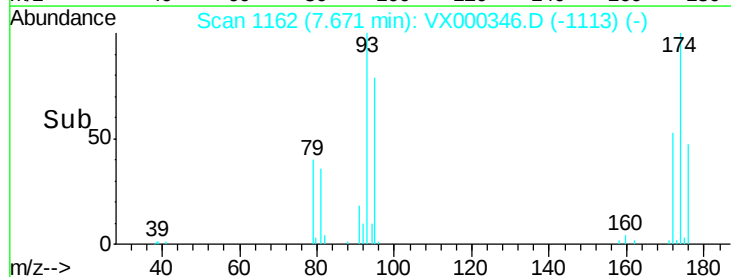
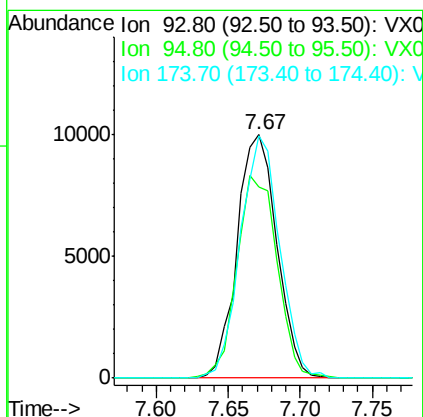
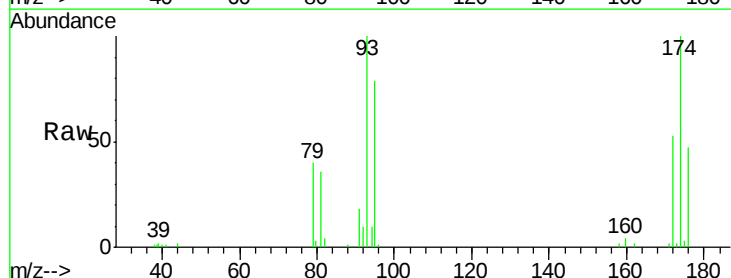
Instrument :
 MSVOA_X
 ClientSampled :

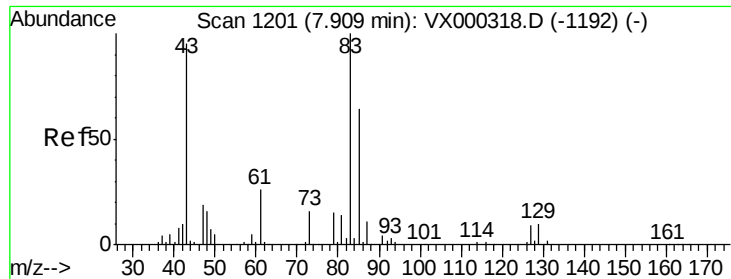
Tot Ion: 63 Resp: 25984
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.6 36.8



#46
 Dibromomethane
 Concen: 19.31 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion: 93 Resp: 19176
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.5 99.7
 174 98.4 76.0 114.0





#47

Bromodichloromethane

Concen: 19.34 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :

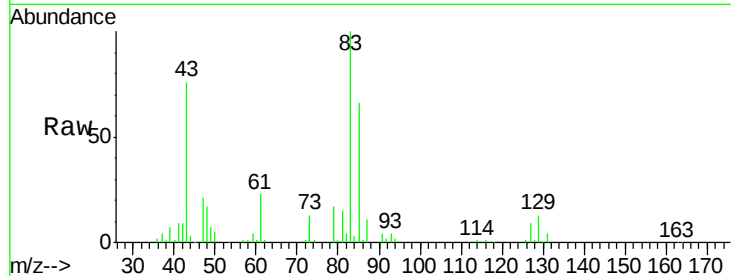
Tot Ion: 83 Resp: 34093

Ion Ratio Lower Upper

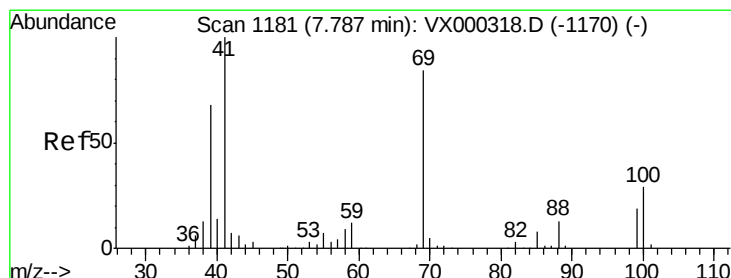
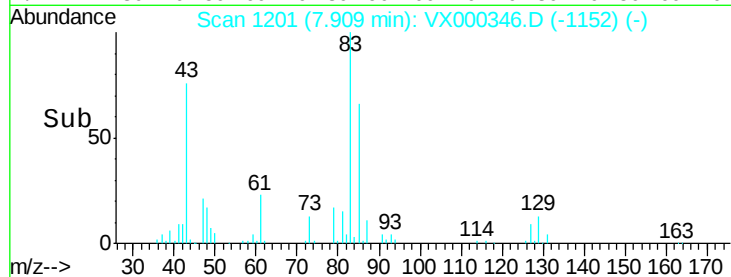
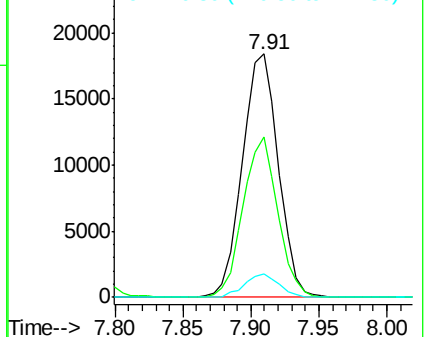
83 100

85 65.7 51.4 77.0

127 9.4 7.0 10.6



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: 19.24 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

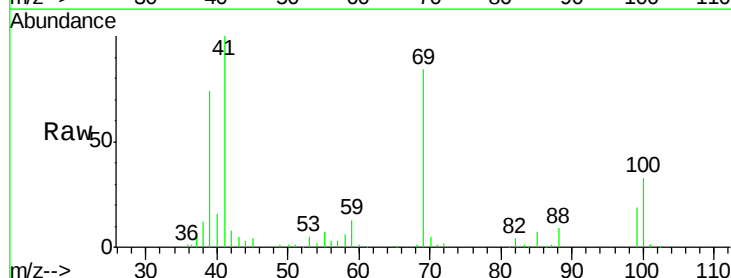
Tgt Ion: 41 Resp: 32981

Ion Ratio Lower Upper

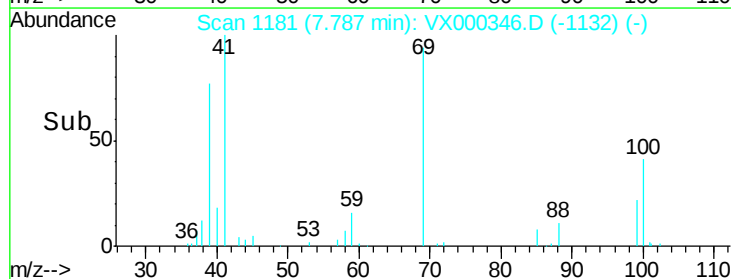
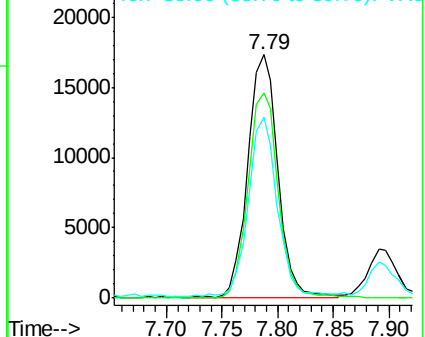
41 100

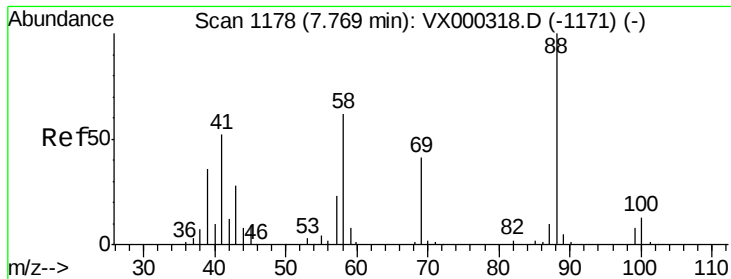
69 84.4 68.2 102.4

39 70.2 54.6 81.8



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

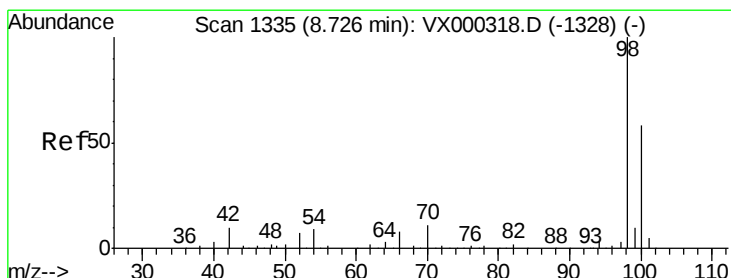
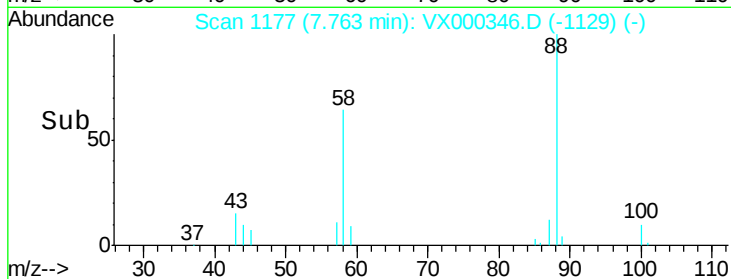
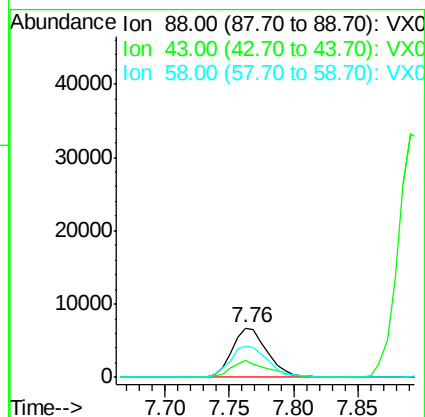
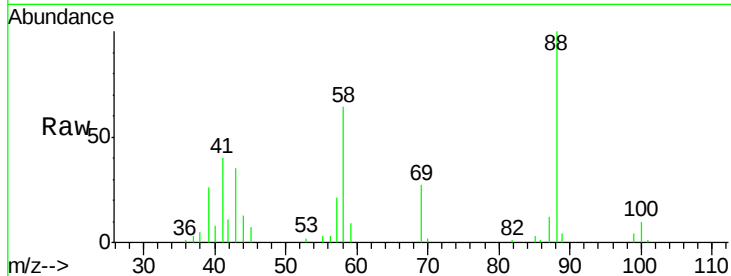




#49
1,4-Dioxane
Concen: 329.57 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

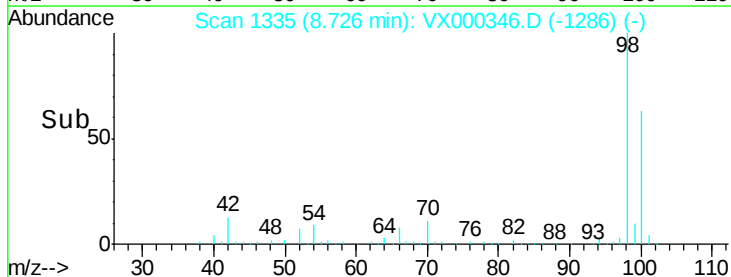
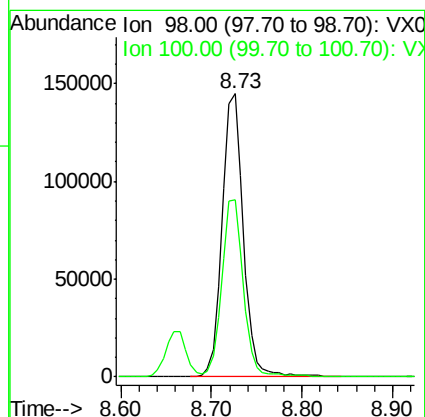
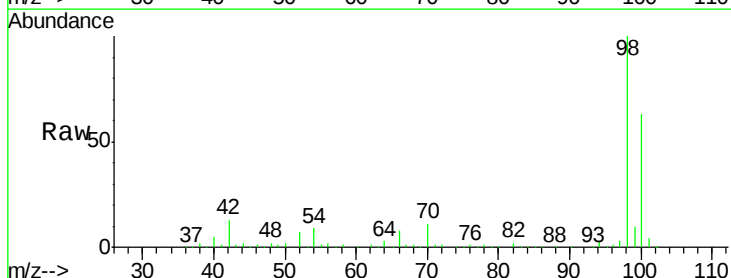
Instrument :
MSVOA_X
ClientSampleId :

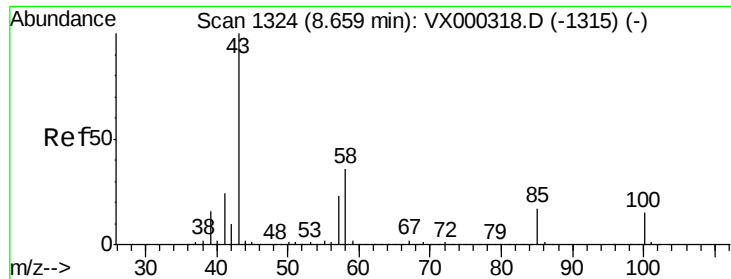
Tot Ion: 88 Resp: 12708
Ion Ratio Lower Upper
88 100
43 36.1 26.8 40.2
58 67.9 52.2 78.2



#50
Toluene-d8
Concen: 46.36 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 98 Resp: 237332
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 98.39 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

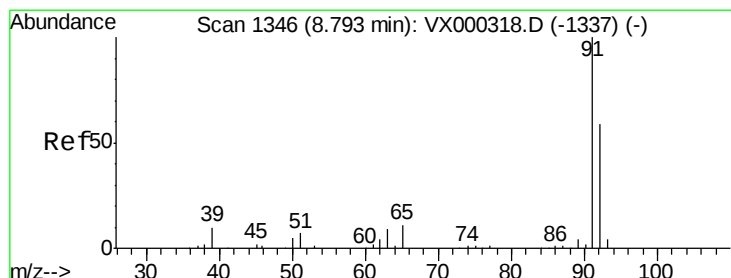
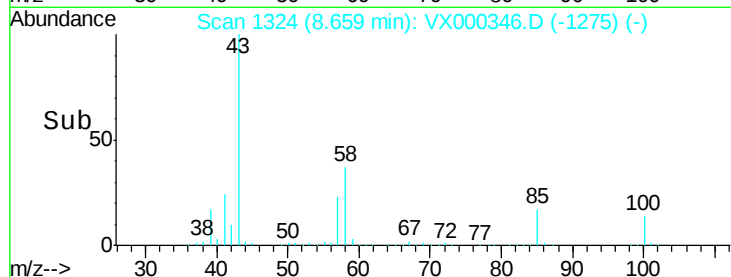
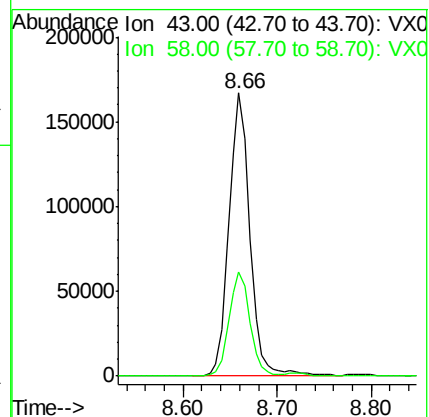
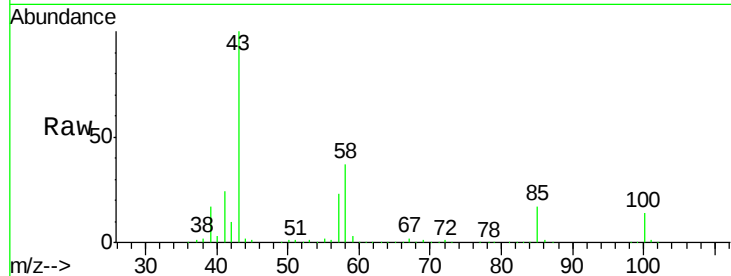
ClientSampleId :

Tot Ion: 43 Resp: 258991

Ion Ratio Lower Upper

43 100

58 36.5 30.3 45.5



#52

Toluene

Concen: 19.12 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000346.D

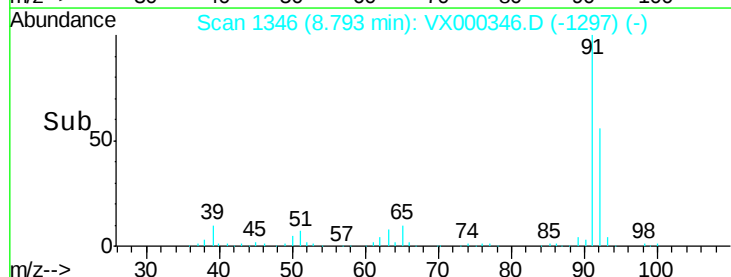
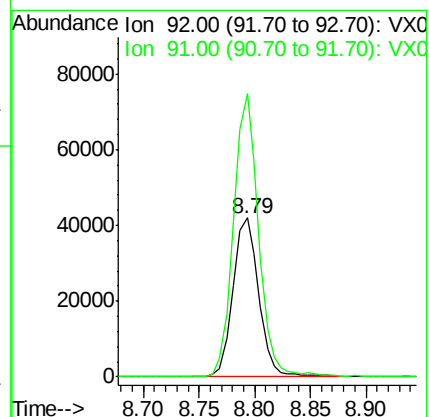
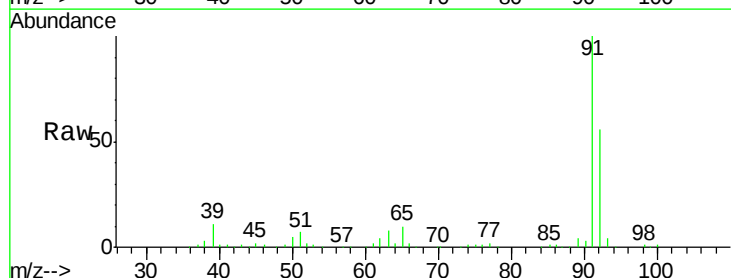
Acq: 16 Mar 2018 14:14

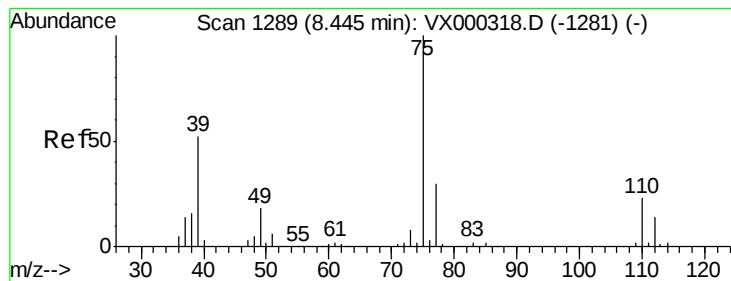
Tgt Ion: 92 Resp: 67349

Ion Ratio Lower Upper

92 100

91 173.0 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 19.49 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

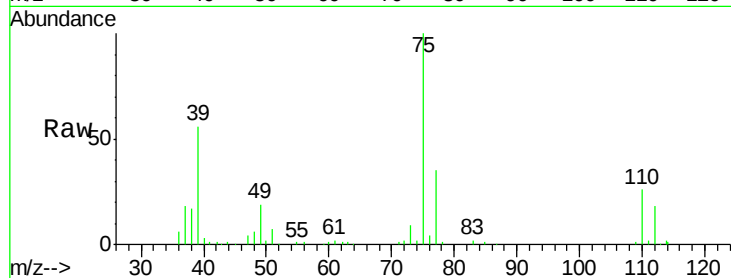
ClientSampleId :

Tot Ion: 75 Resp: 39649

Ion Ratio Lower Upper

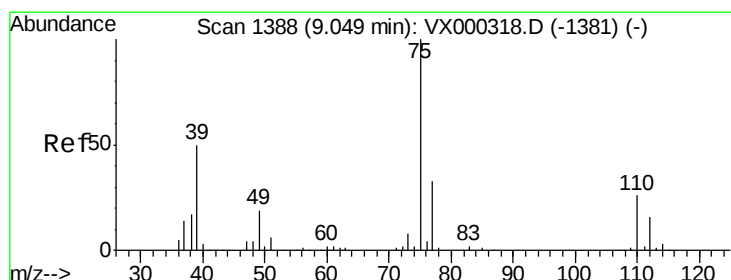
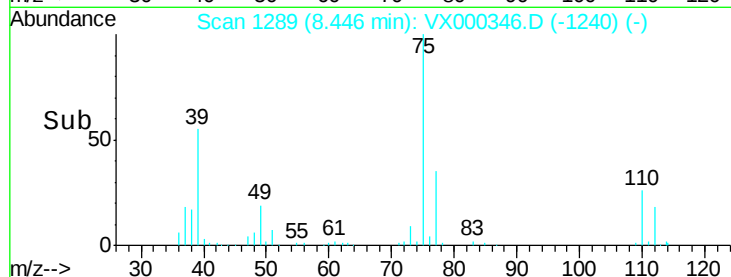
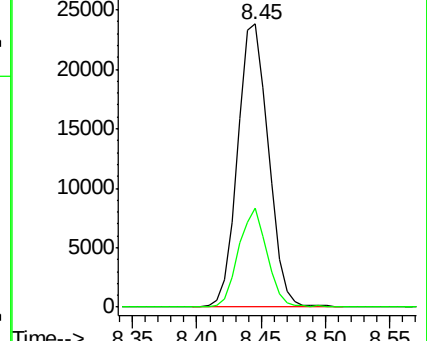
75 100

77 35.2 24.0 36.0



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: 18.85 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

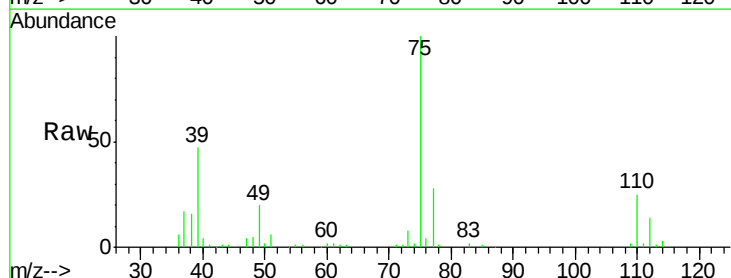
Tgt Ion: 75 Resp: 37500

Ion Ratio Lower Upper

75 100

77 28.2 26.1 39.1

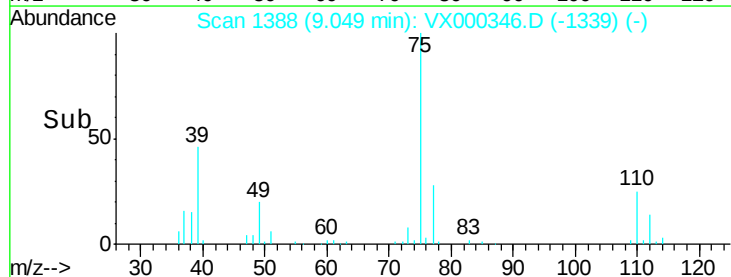
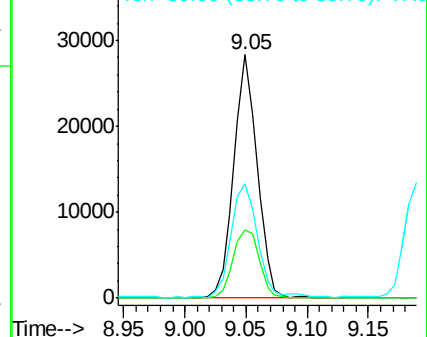
39 46.6 39.8 59.6

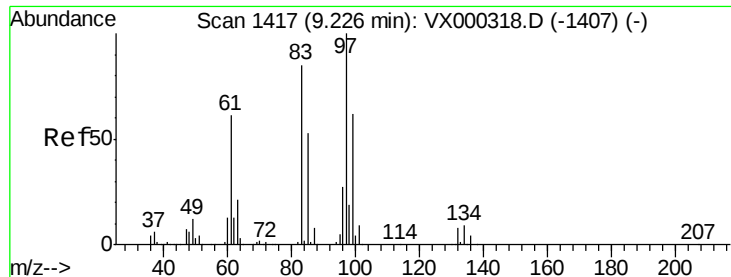


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

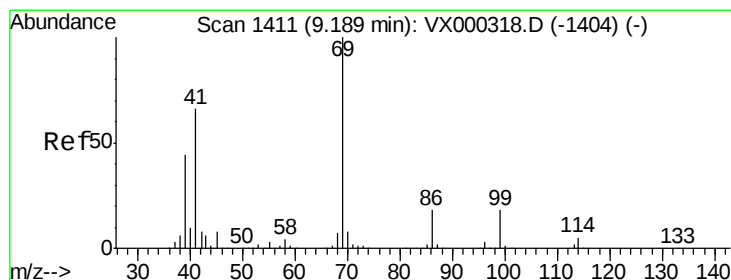
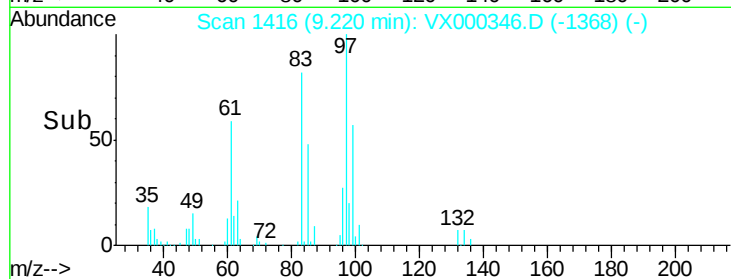
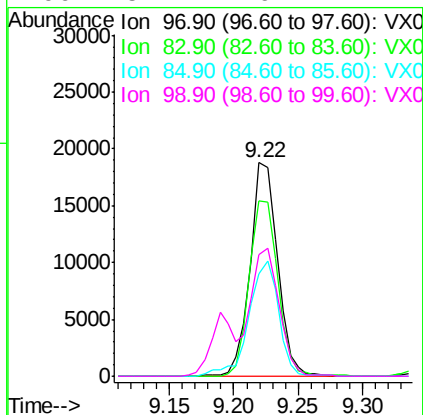
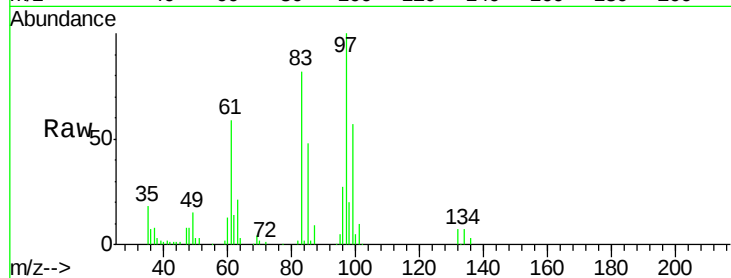




#55
 1,1,2-Trichloroethane
 Concen: 19.52 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

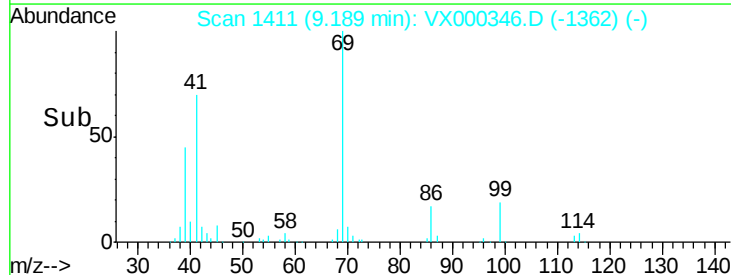
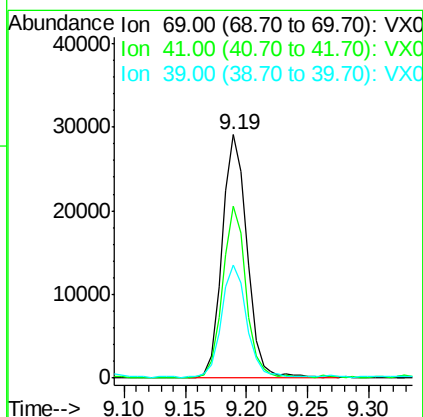
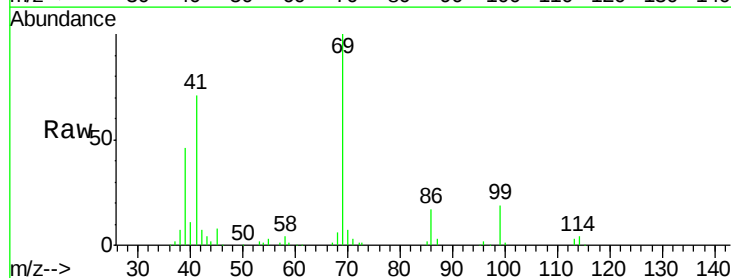
Instrument :
 MSVOA_X
 ClientSampled :

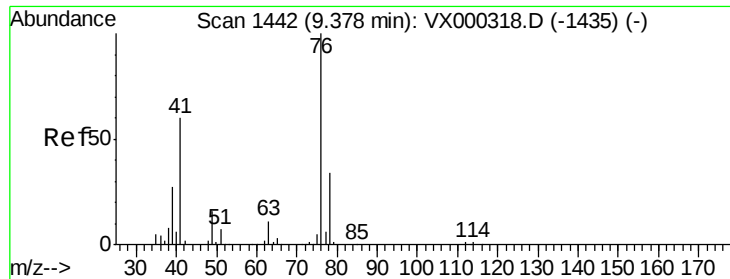
Tot Ion:	97	Resp:	27578
Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.9	101.9
85	47.9	42.8	64.2
99	57.2	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 19.73 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion:	69	Resp:	41281
Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.0	79.6
39	46.1	35.3	52.9

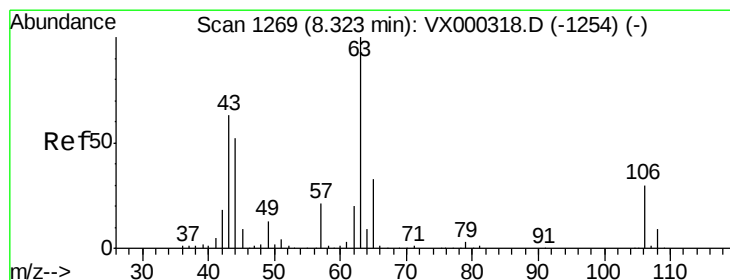
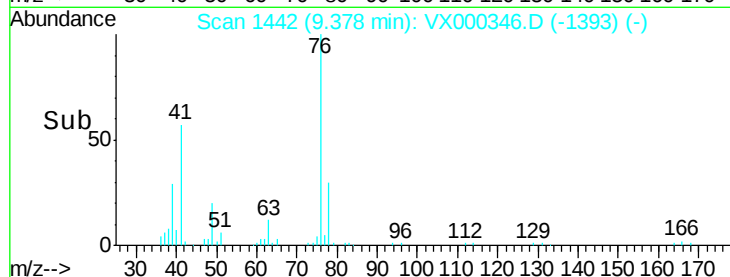
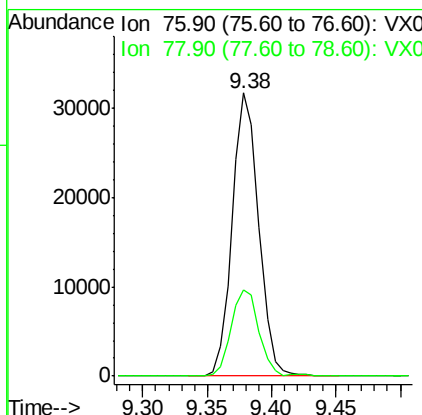
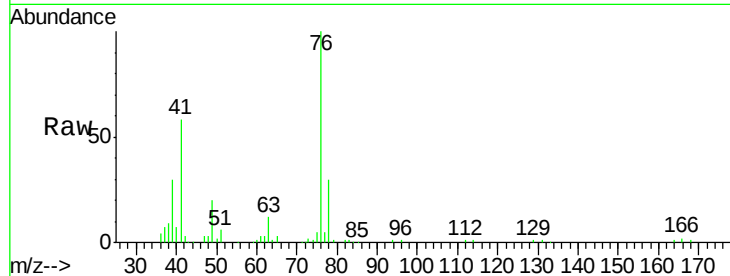




#57
 1,3-Dichloropropane
 Concen: 19.87 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

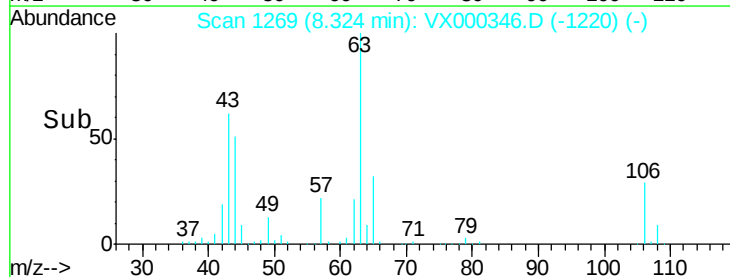
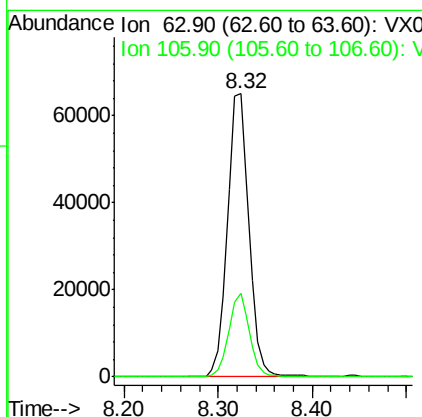
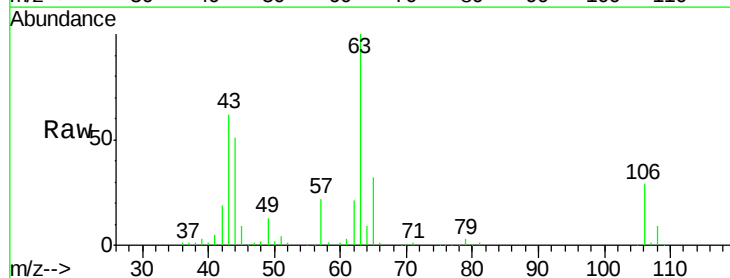
Instrument :
 MSVOA_X
 ClientSampled :

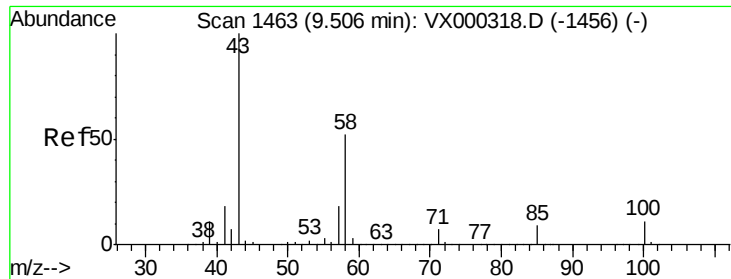
Tot Ion: 76 Resp: 45477
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 118.91 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion: 63 Resp: 103256
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8

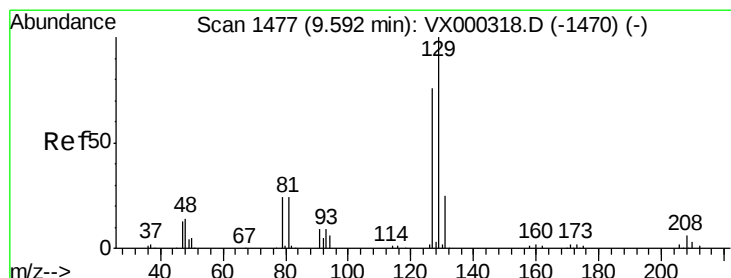
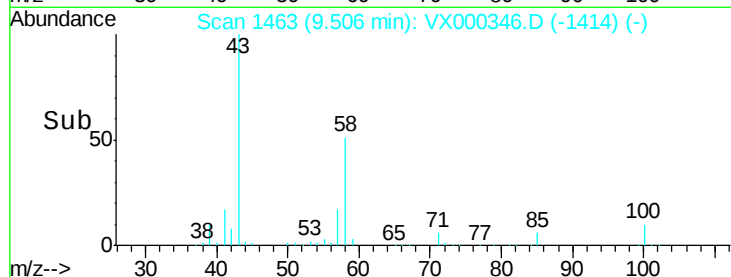
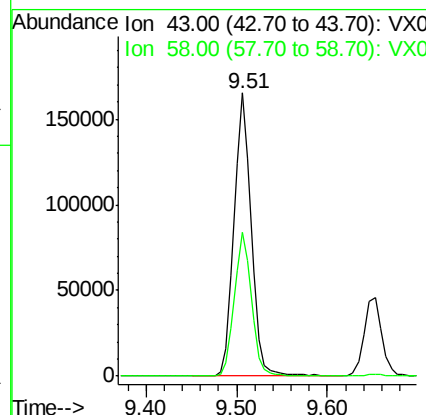
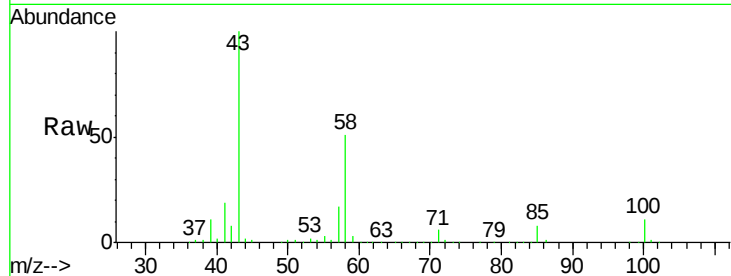




#59
2-Hexanone
Concen: 98.72 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

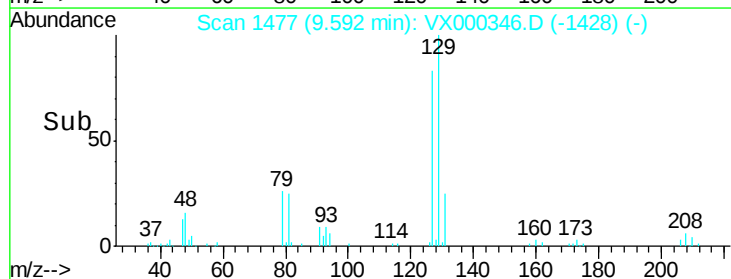
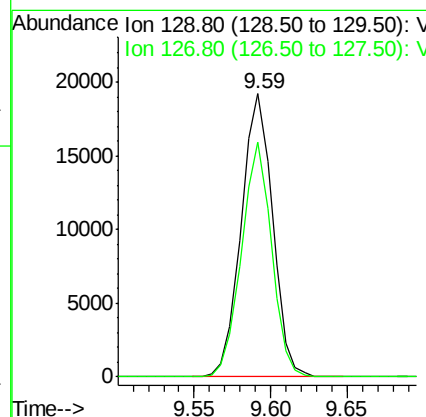
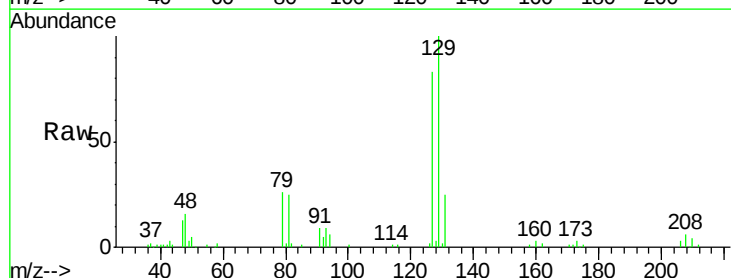
Instrument :
MSVOA_X
ClientSampleId :

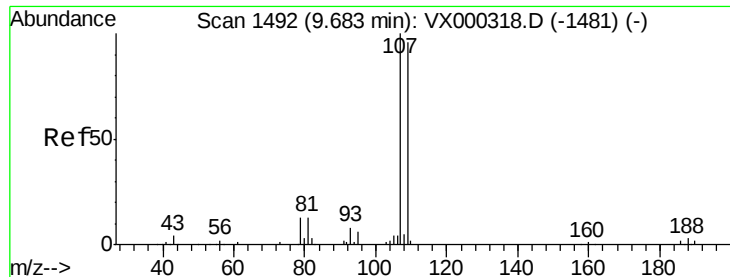
Tot Ion: 43 Resp: 218941
Ion Ratio Lower Upper
43 100
58 51.1 26.6 79.7



#60
Dibromochloromethane
Concen: 18.27 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 129 Resp: 27295
Ion Ratio Lower Upper
129 100
127 79.5 37.9 113.6





#61

1,2-Dibromoethane

Concen: 18.38 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

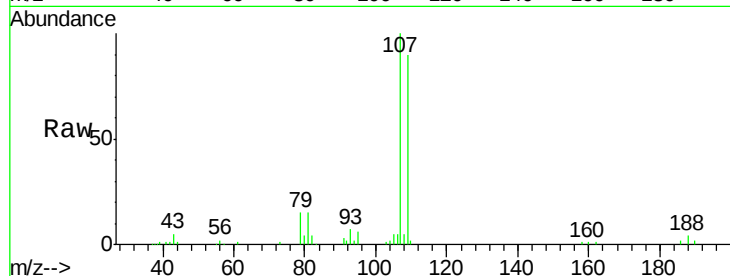
ClientSampleId :

Tot Ion:107 Resp: 28790

Ion Ratio Lower Upper

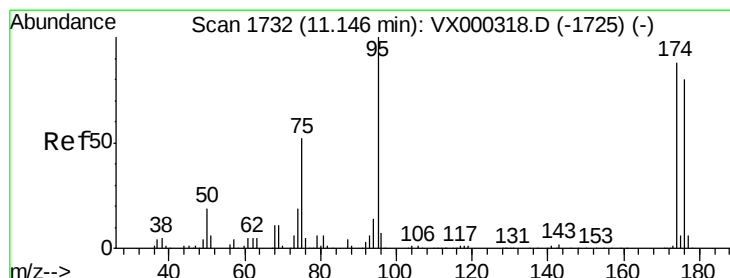
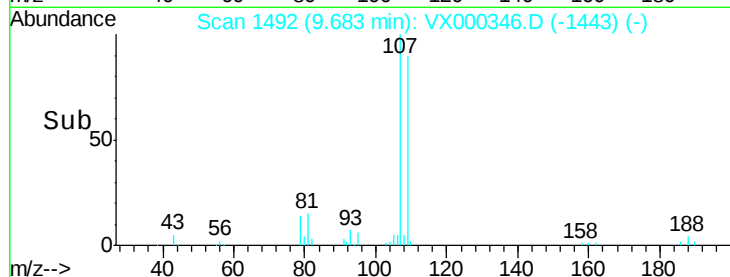
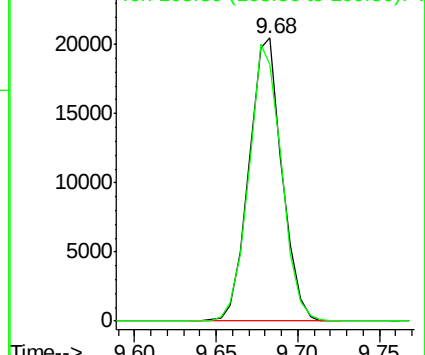
107 100

109 97.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 42.93 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

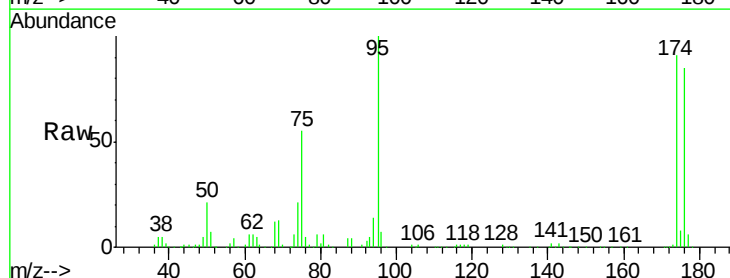
Tgt Ion: 95 Resp: 88128

Ion Ratio Lower Upper

95 100

174 89.5 0.0 173.6

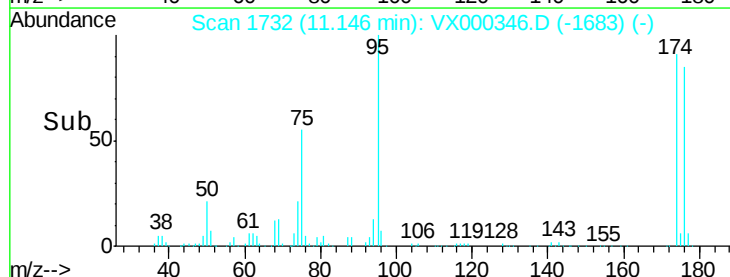
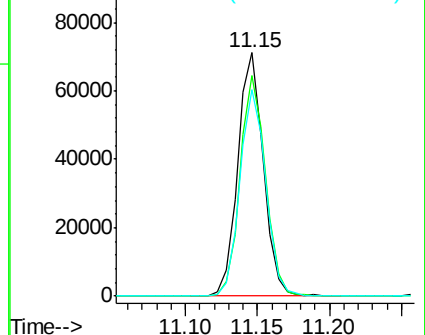
176 85.5 0.0 164.6

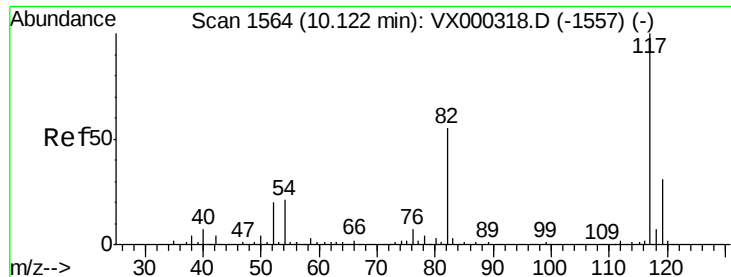


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

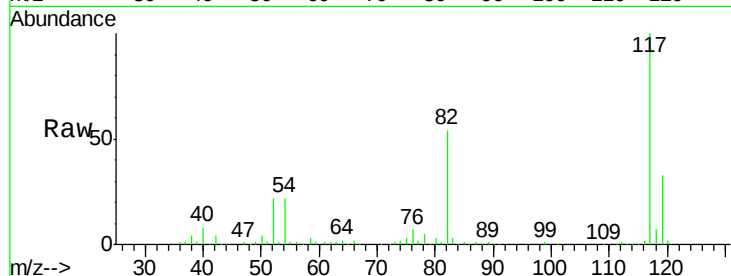
Tot Ion:117 Resp: 188328

Ion Ratio Lower Upper

117 100

82 54.4 43.8 65.8

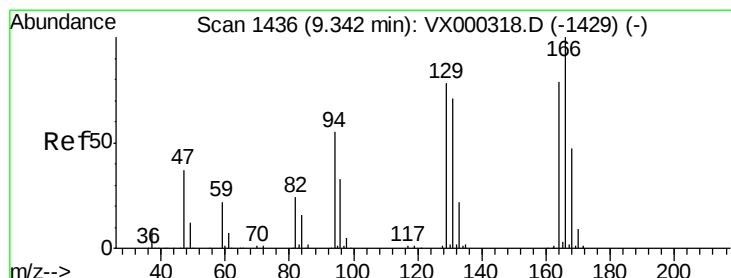
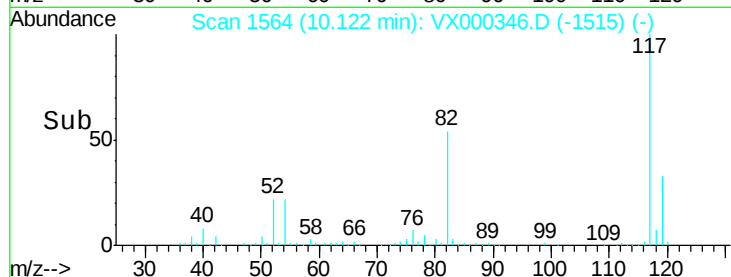
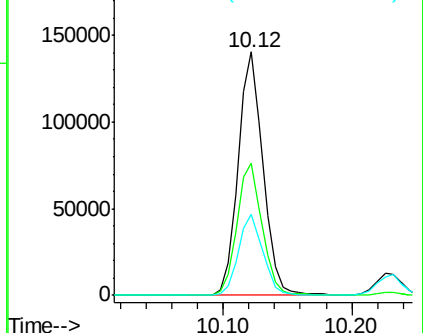
119 33.3 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 22.10 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion:164 Resp: 28224

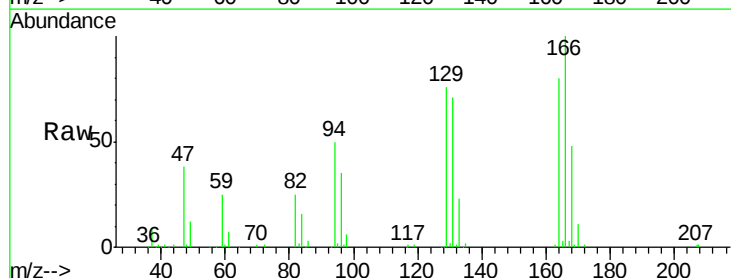
Ion Ratio Lower Upper

164 100

166 125.5 101.0 151.6

129 95.1 79.0 118.4

131 89.6 71.9 107.9

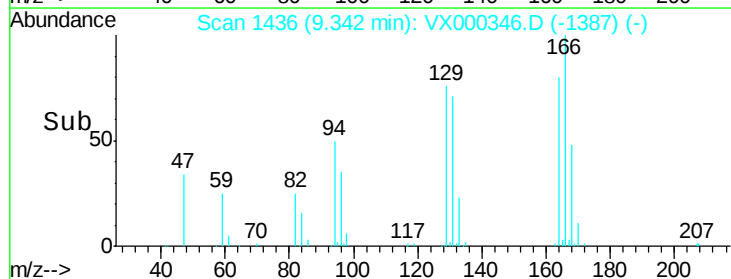
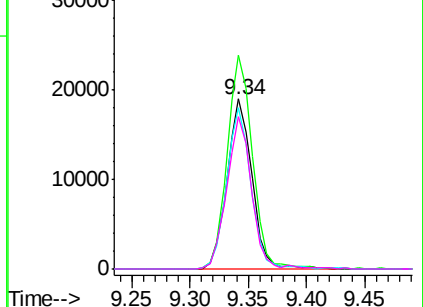


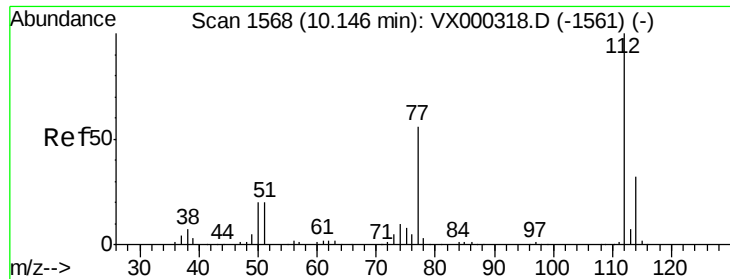
Abundance Ion 163.80 (163.50 to 164.50): V

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

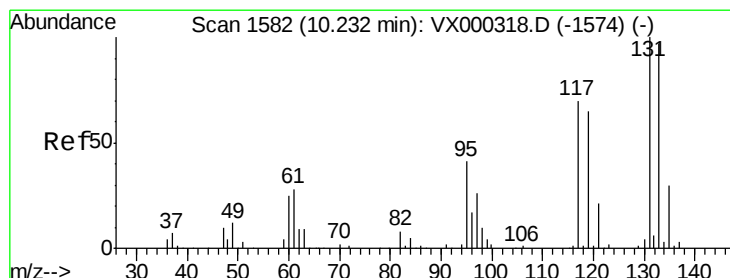
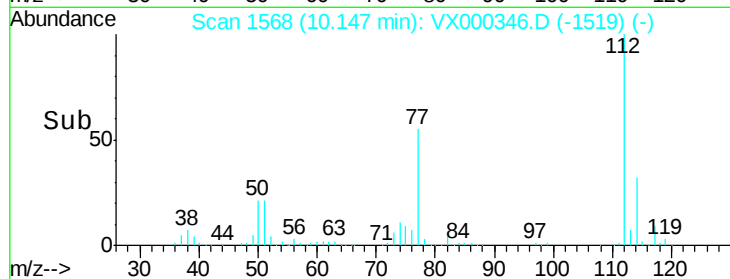
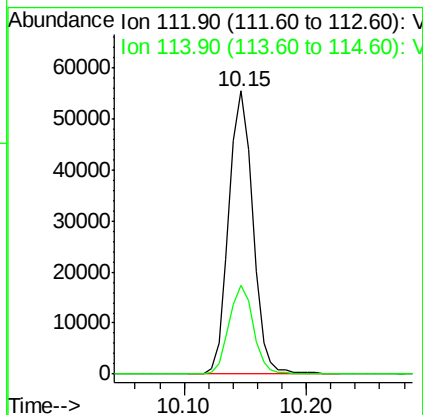
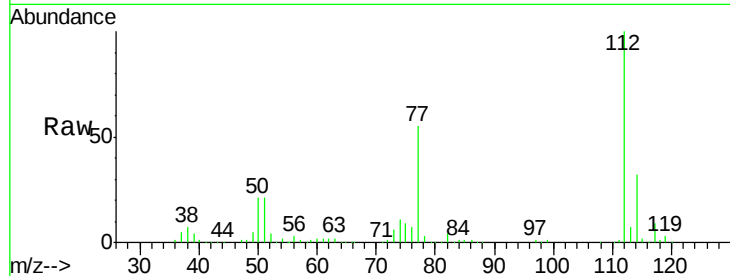




#65
Chlorobenzene
Concen: 19.75 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

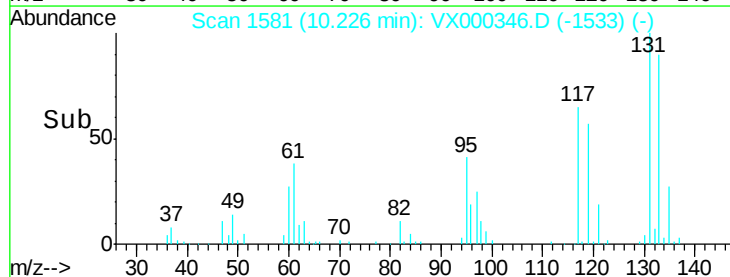
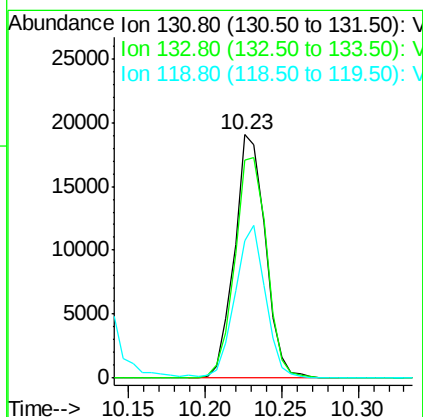
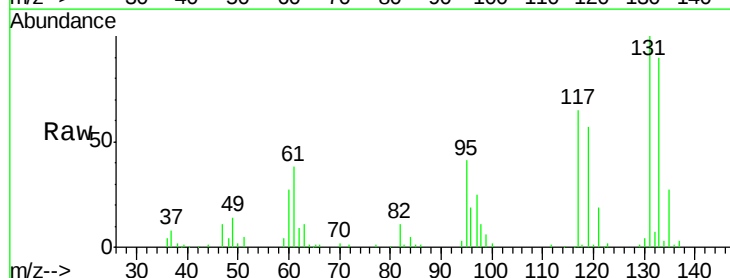
Instrument :
MSVOA_X
ClientSampleId :

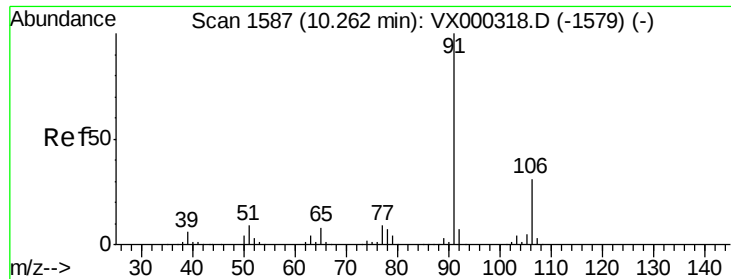
Tot Ion:112 Resp: 75734
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.66 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion:131 Resp: 26655
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.3
119 61.5 33.1 99.2

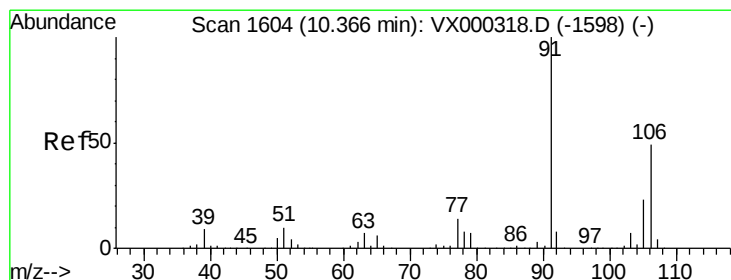
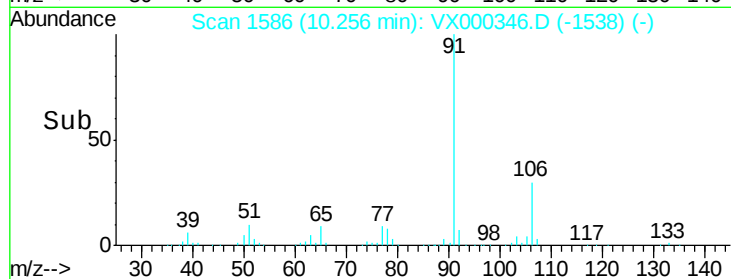
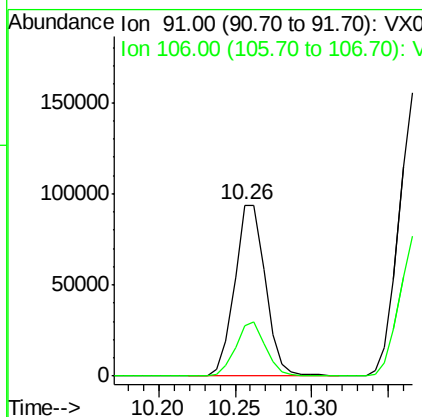
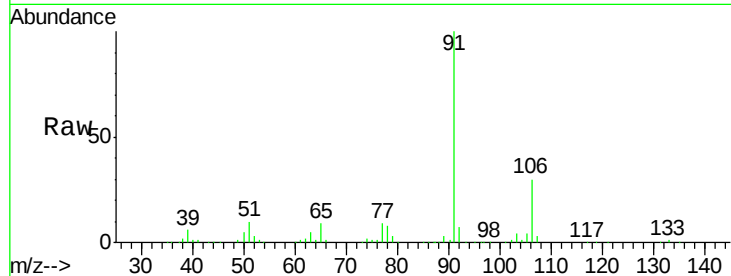




#67
Ethyl Benzene
Concen: 20.06 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

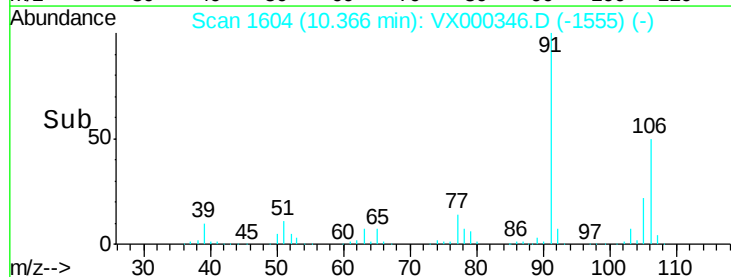
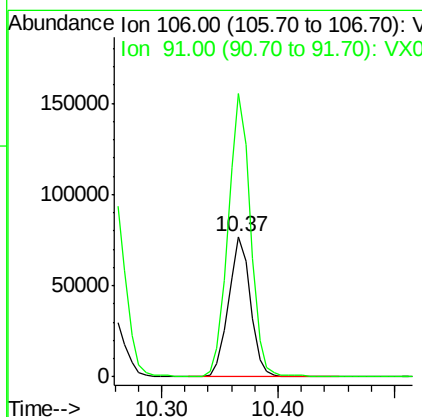
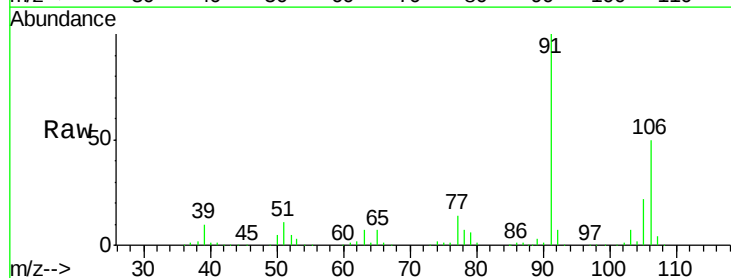
Instrument :
MSVOA_X
ClientSampleId :

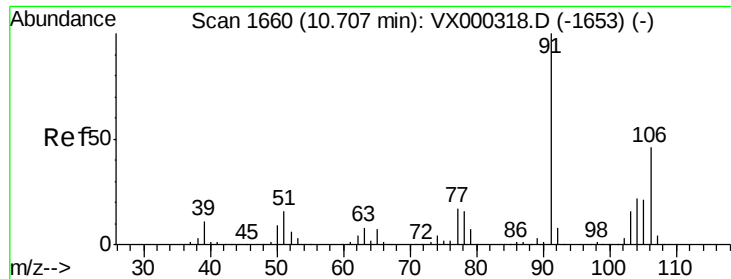
Tot Ion: 91 Resp: 131187
Ion Ratio Lower Upper
91 100
106 29.6 25.0 37.6



#68
m/p-Xylenes
Concen: 39.56 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 106 Resp: 100786
Ion Ratio Lower Upper
106 100
91 205.2 163.4 245.2

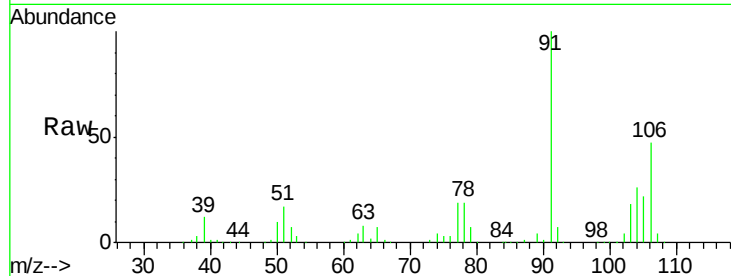




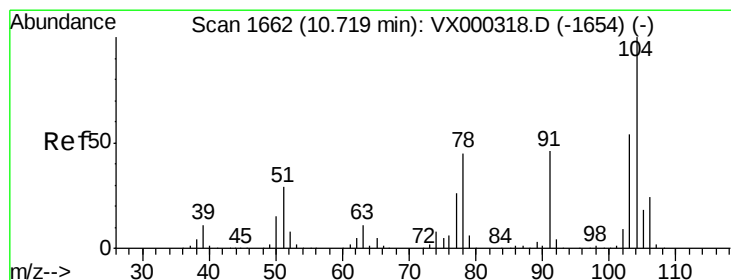
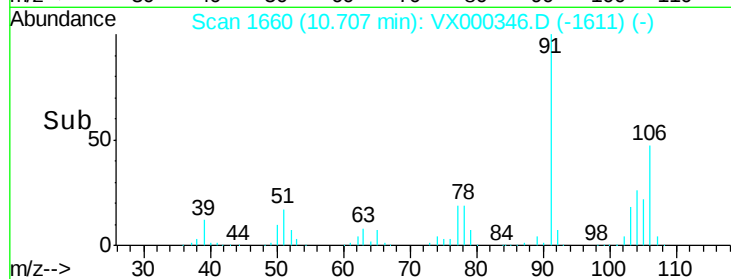
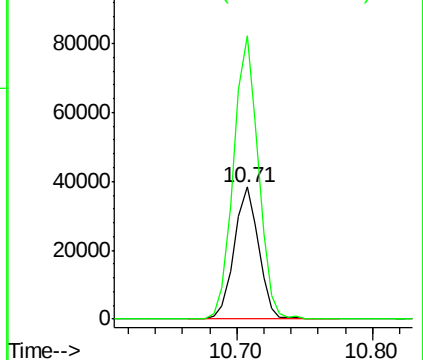
#69
o-Xylene
Concen: 19.47 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 48179
Ion Ratio Lower Upper
106 100
91 217.3 106.5 319.6

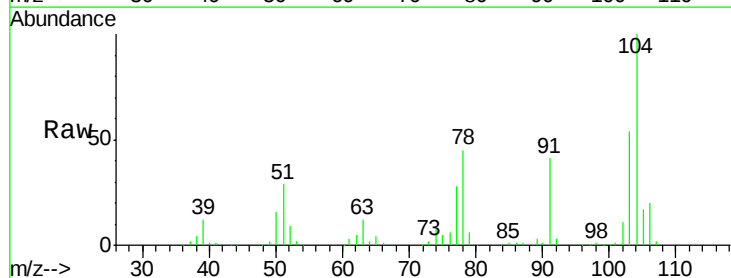


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

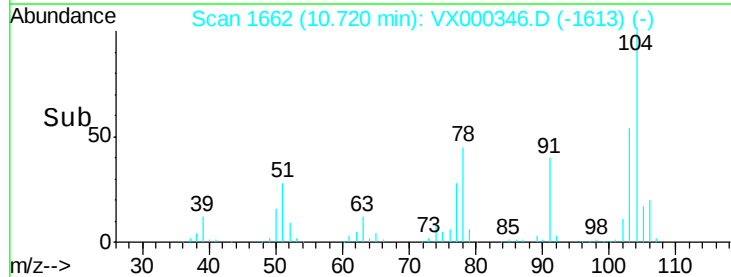
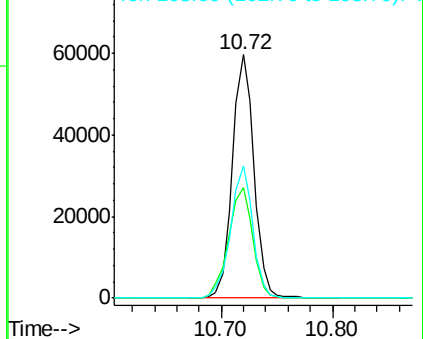


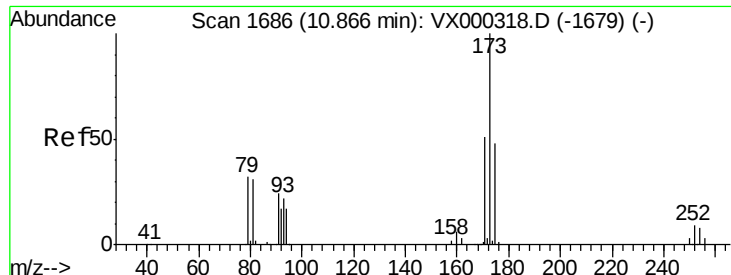
#70
Styrene
Concen: 19.54 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion:104 Resp: 80261
Ion Ratio Lower Upper
104 100
78 51.1 40.5 60.7
103 56.0 45.7 68.5



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: 19.05 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

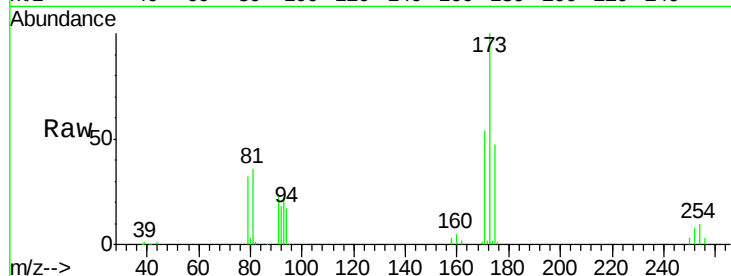
Tot Ion:173 Resp: 21261

Ion Ratio Lower Upper

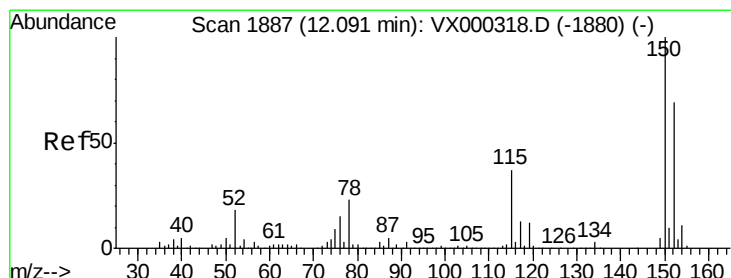
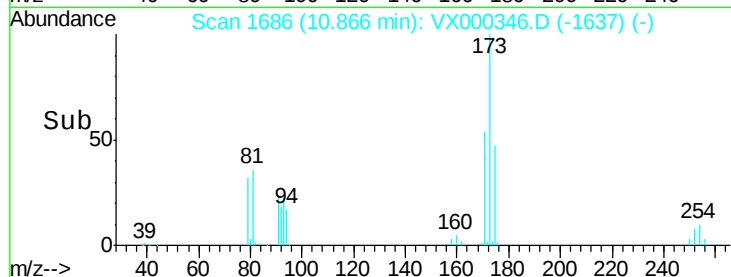
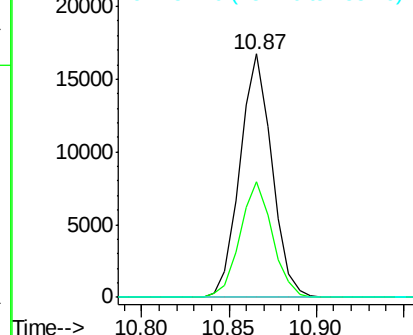
173 100

175 48.1 25.4 76.4

254 0.0 0.0 0.0



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

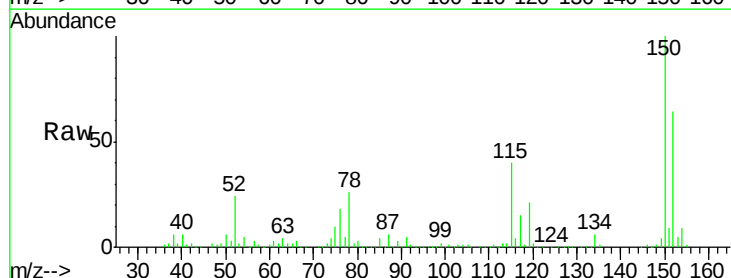
Tgt Ion:152 Resp: 104685

Ion Ratio Lower Upper

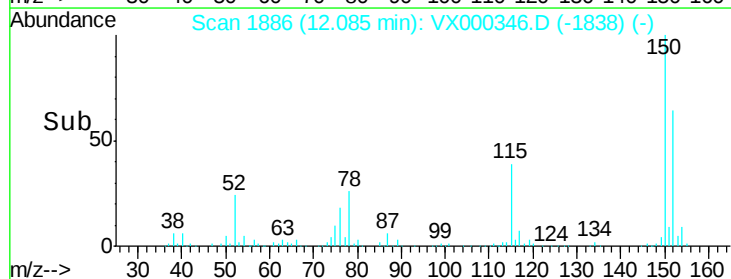
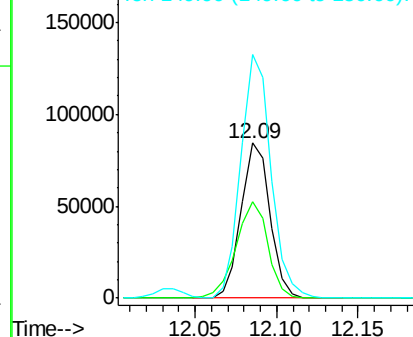
152 100

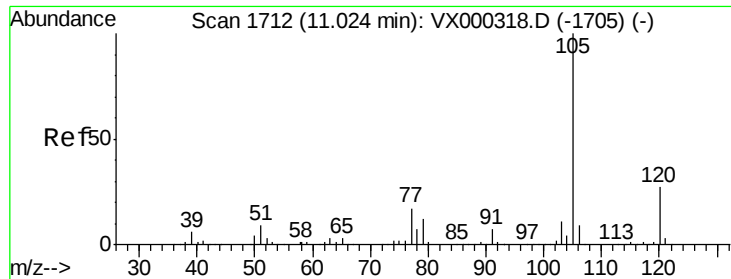
115 68.1 39.8 119.3

150 163.6 0.0 344.4



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: 21.44 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

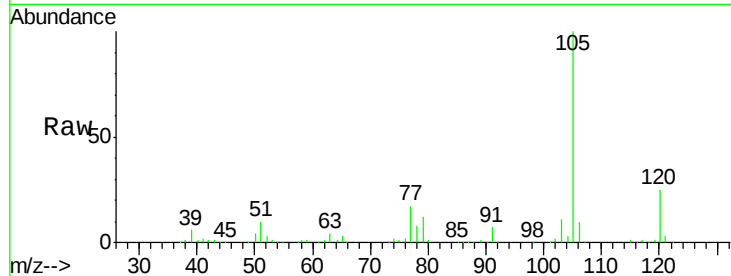
ClientSampleId :

Tot Ion:105 Resp: 135162

Ion Ratio Lower Upper

105 100

120 25.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

100000

80000

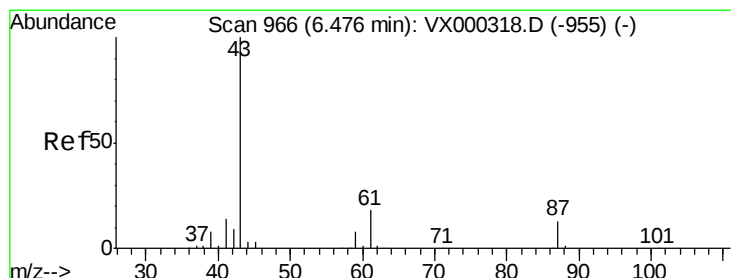
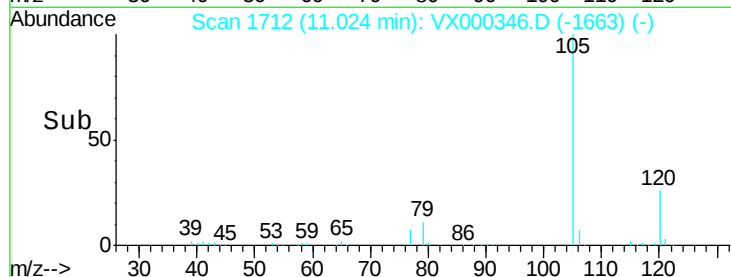
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 22.19 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion: 43 Resp: 66983

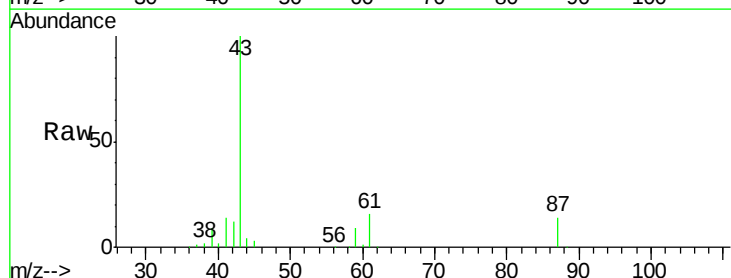
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 17.6 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.48

40000

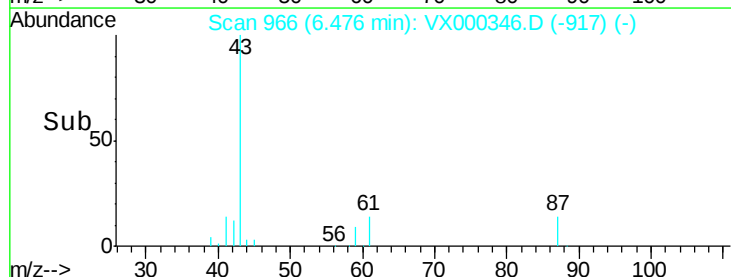
30000

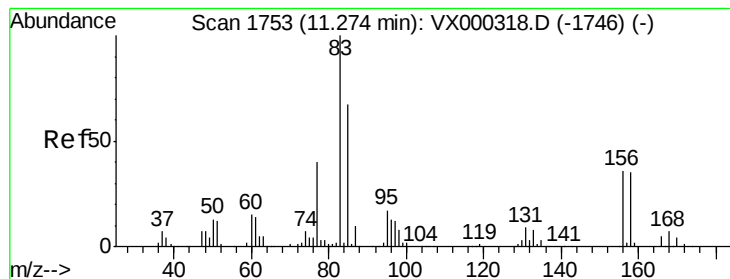
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.82 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

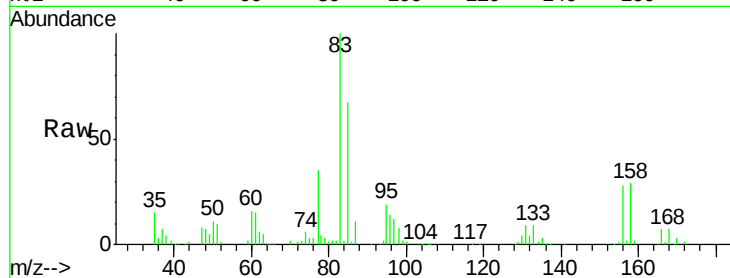
Tot Ion: 83 Resp: 46731

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

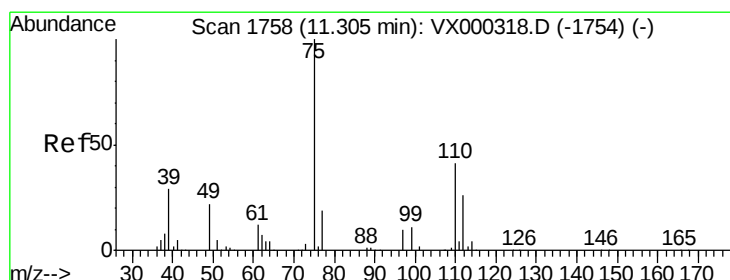
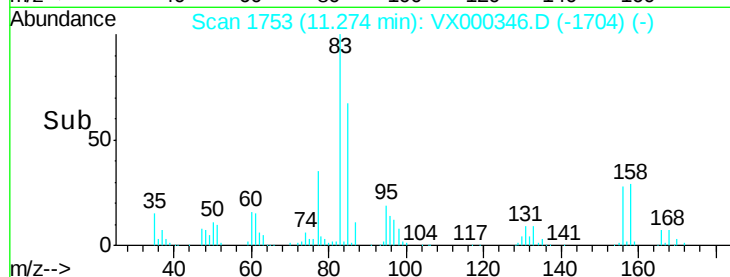
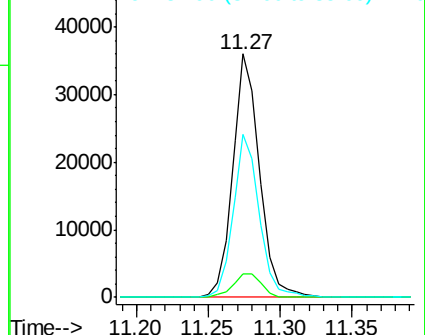
85 65.6 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.90 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000346.D

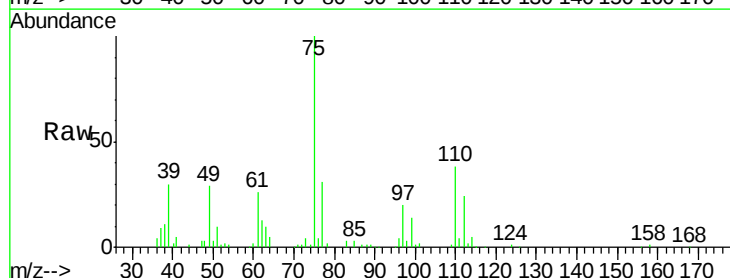
Acq: 16 Mar 2018 14:14

Tgt Ion: 75 Resp: 54496

Ion Ratio Lower Upper

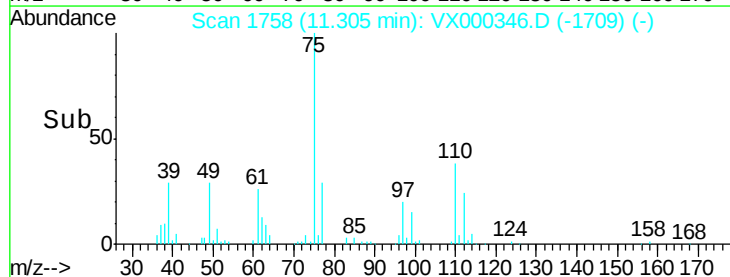
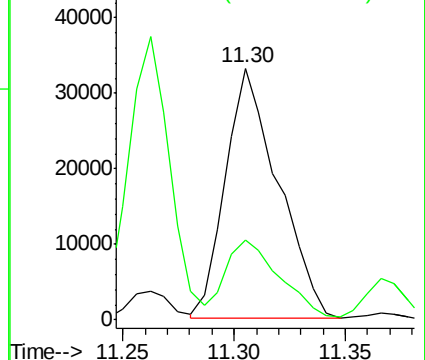
75 100

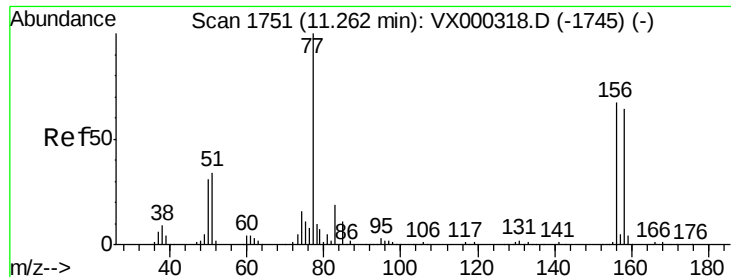
77 33.2 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.19 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

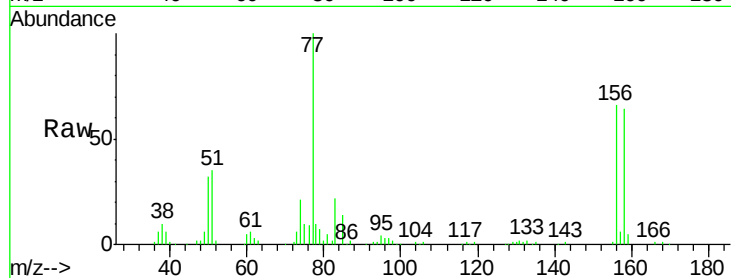
Tot Ion:156 Resp: 33407

Ion Ratio Lower Upper

156 100

77 146.6 73.4 220.2

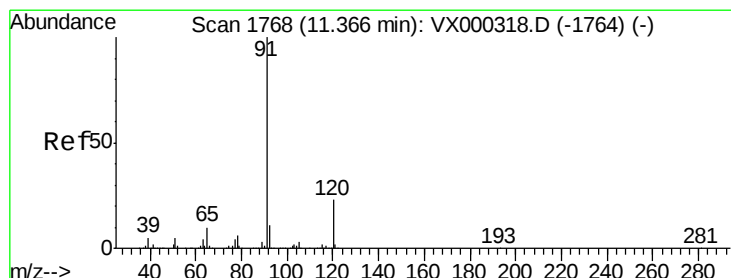
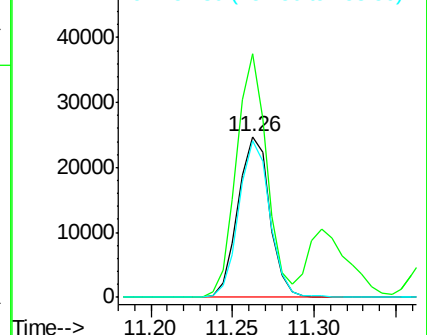
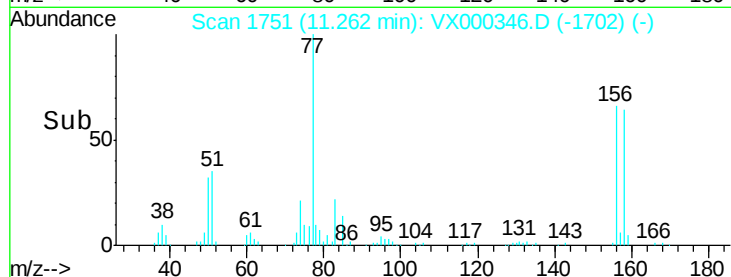
158 95.8 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.56 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000346.D

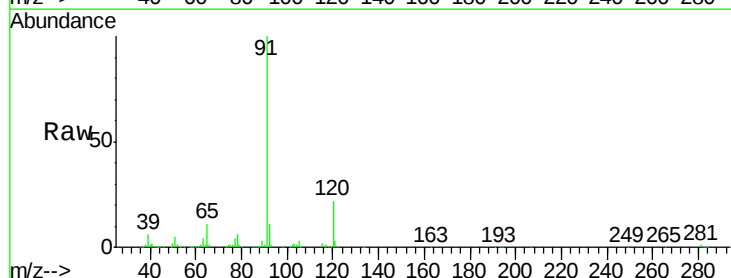
Acq: 16 Mar 2018 14:14

Tgt Ion: 91 Resp: 156305

Ion Ratio Lower Upper

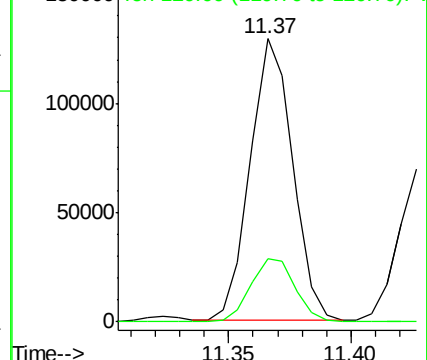
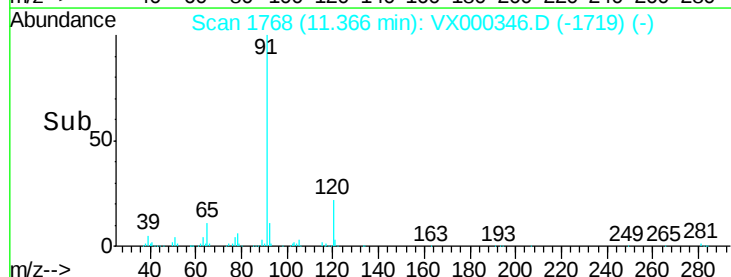
91 100

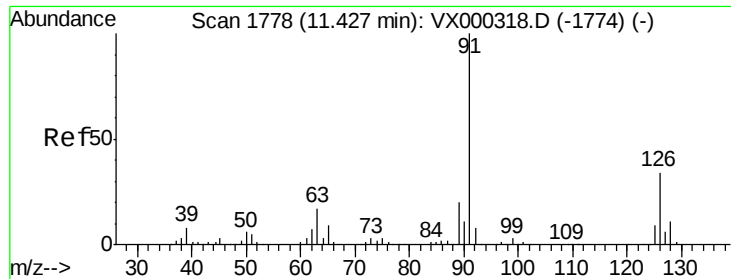
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

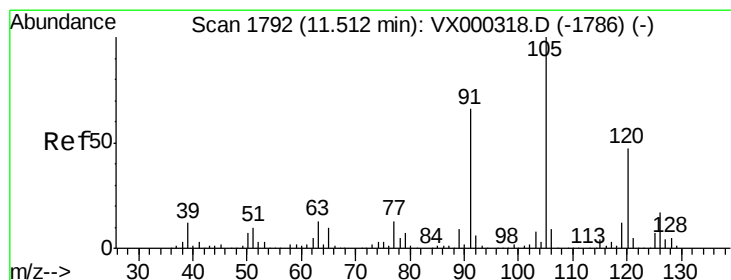
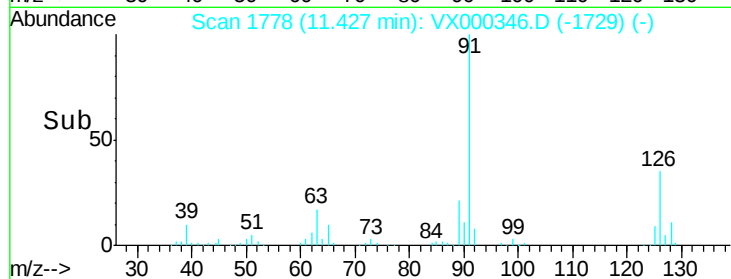
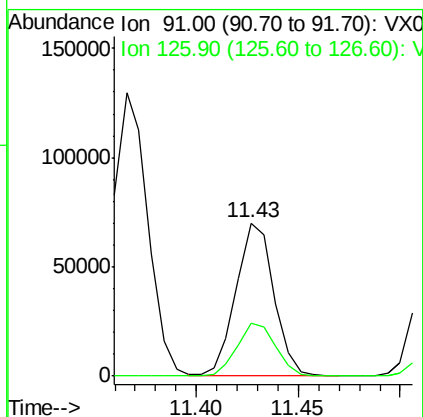
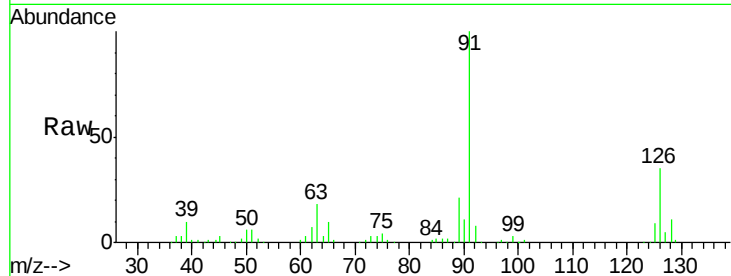




#79
 2-Chlorotoluene
 Concen: 20.97 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

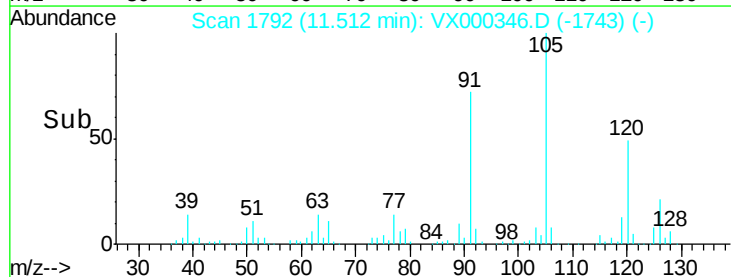
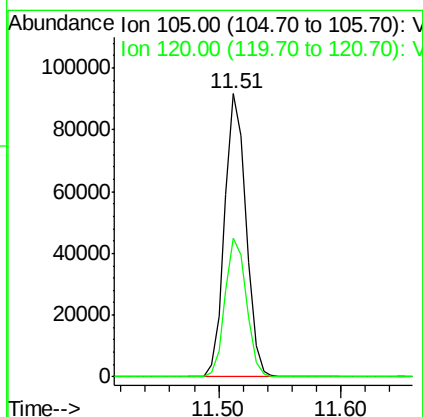
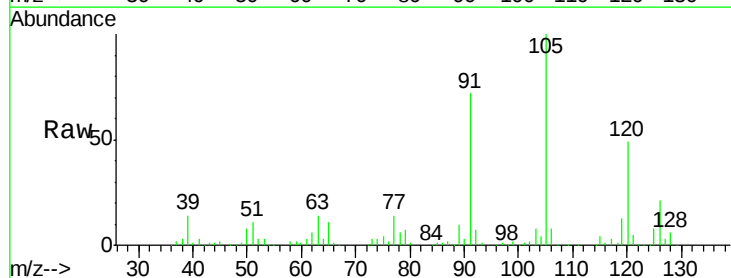
Instrument :
 MSVOA_X
 ClientSampled :

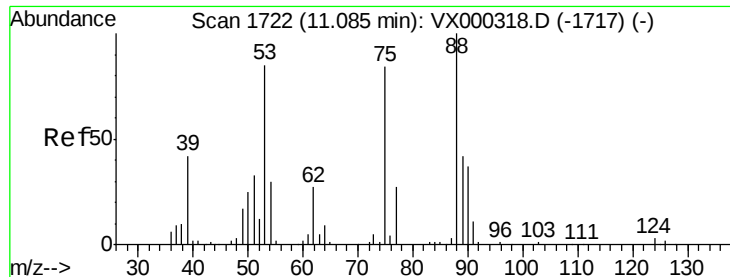
Tot Ion: 91 Resp: 90462
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.62 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion: 105 Resp: 110771
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.50 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

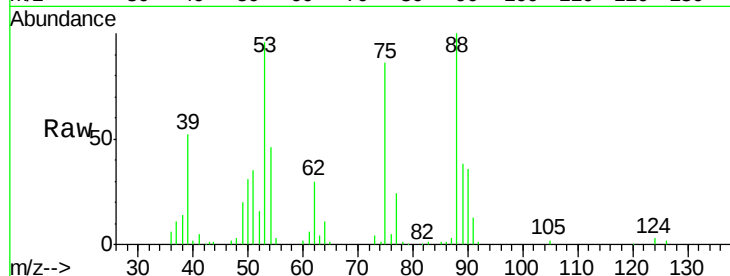
Tot Ion: 75 Resp: 12436

Ion Ratio Lower Upper

75 100

53 115.8 80.7 121.1

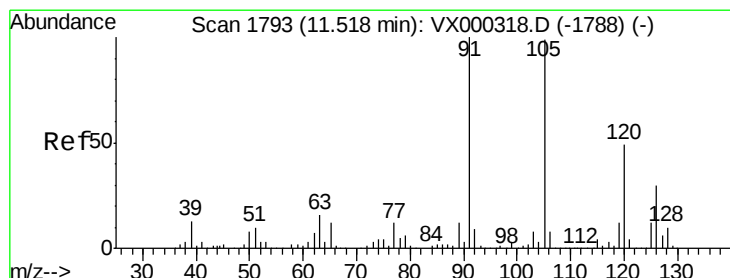
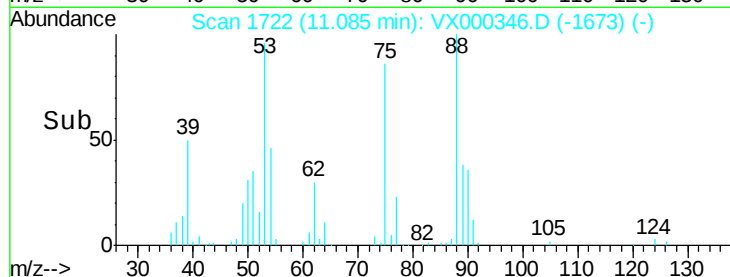
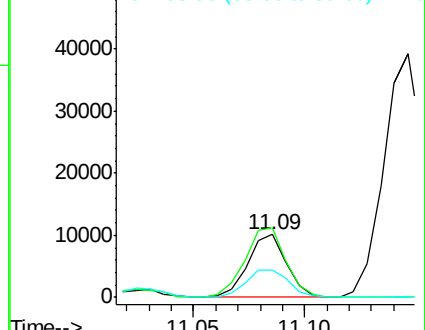
89 47.6 39.4 59.0



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: 20.36 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000346.D

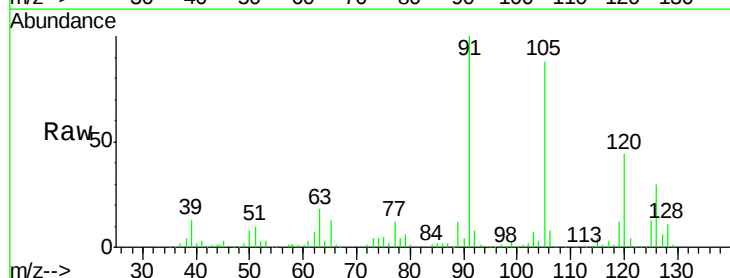
Acq: 16 Mar 2018 14:14

Tgt Ion: 91 Resp: 107973

Ion Ratio Lower Upper

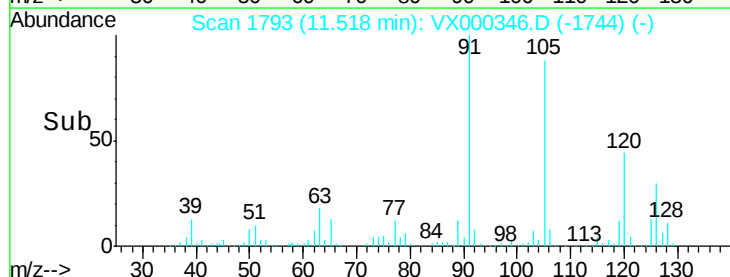
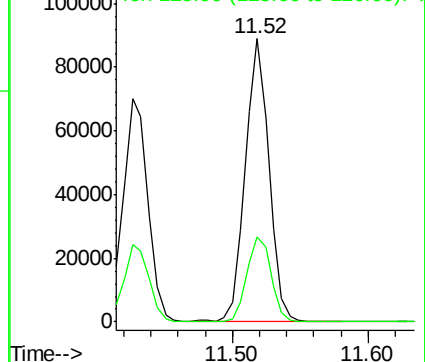
91 100

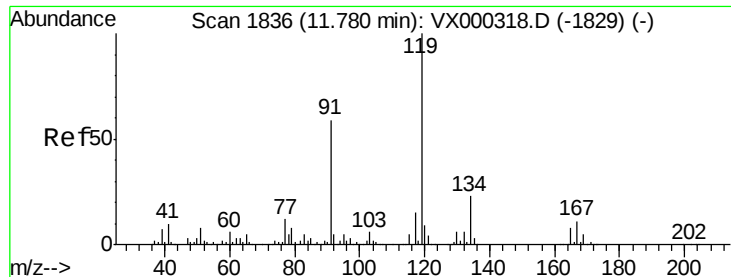
126 31.2 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

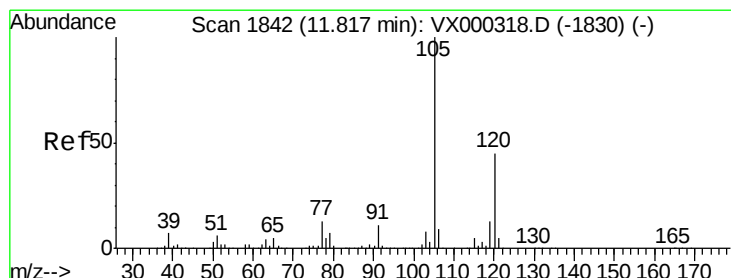
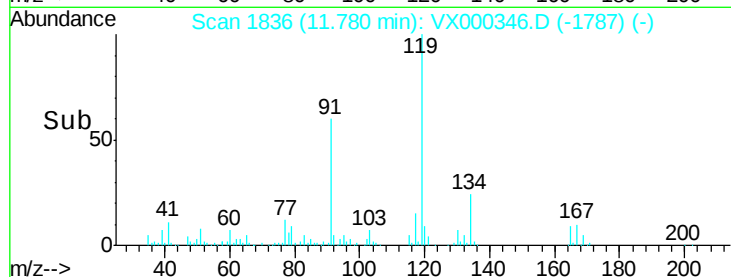
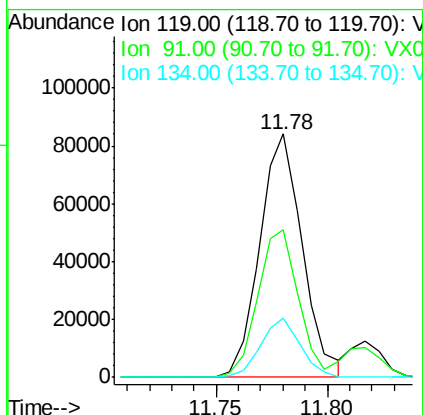
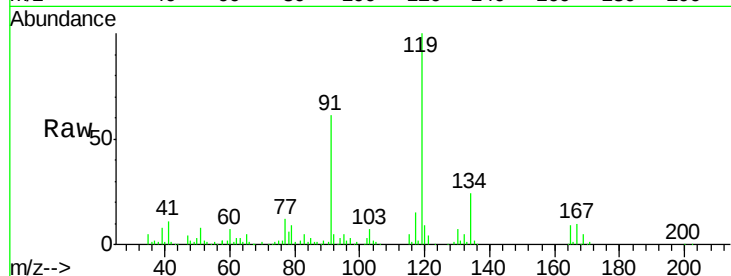




#83
 tert-Butylbenzene
 Concen: 21.34 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

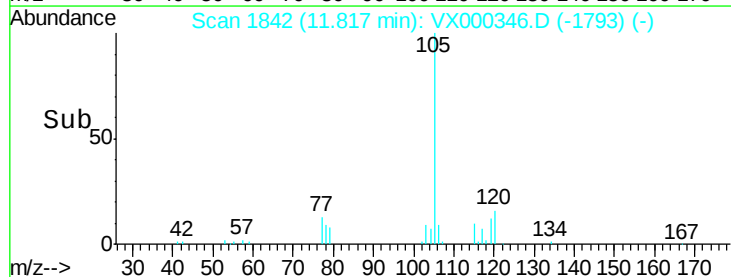
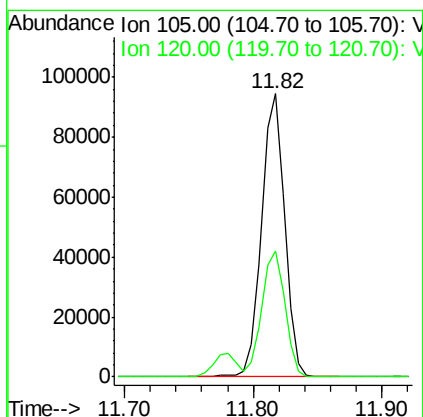
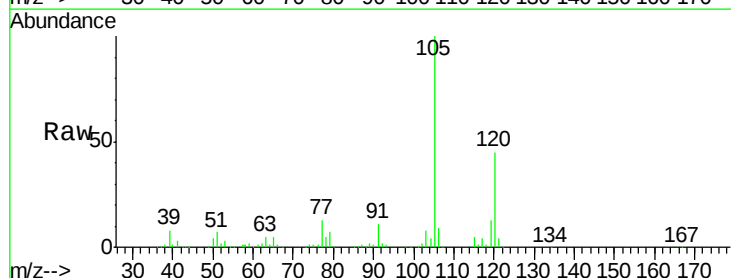
Instrument :
 MSVOA_X
 ClientSampled :

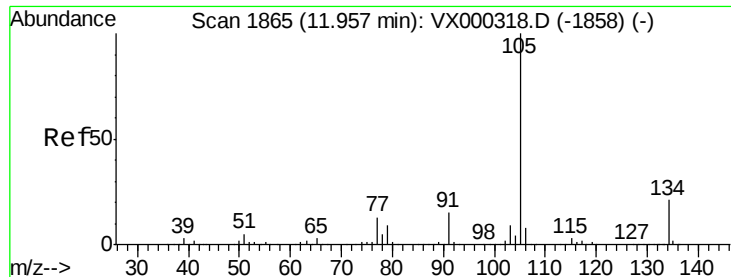
Tot Ion:119 Resp: 111834
 Ion Ratio Lower Upper
 119 100
 91 57.6 28.8 86.4
 134 22.8 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.17 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion:105 Resp: 116915
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.3

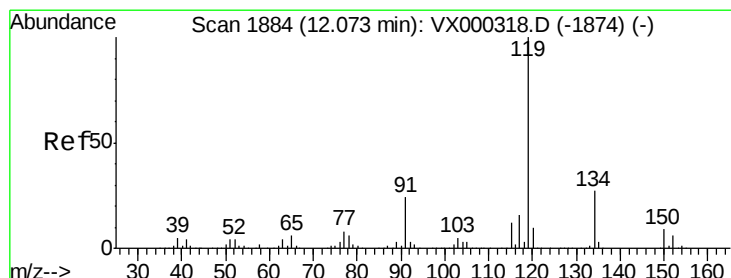
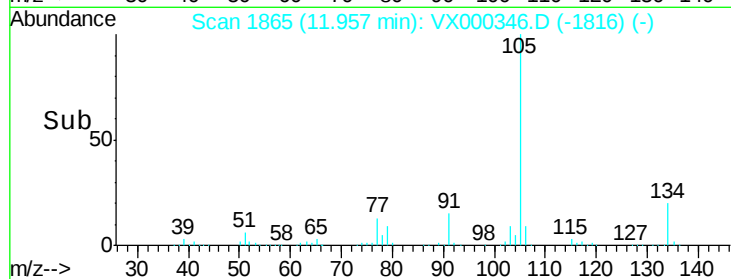
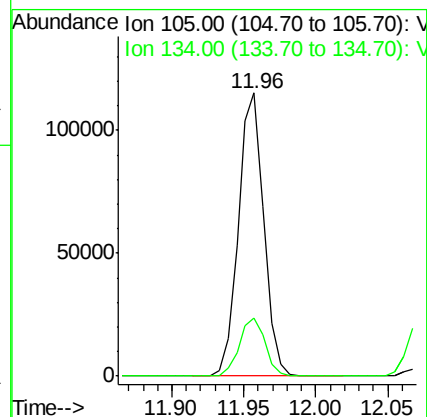
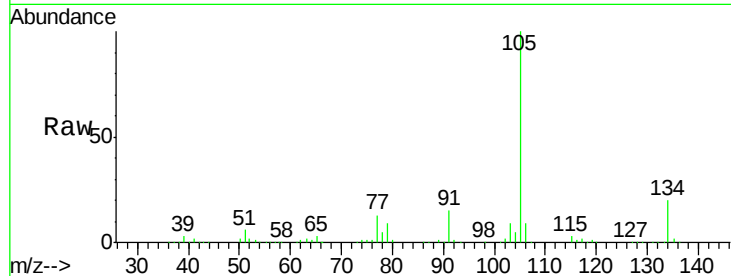




#85
 sec-Butylbenzene
 Concen: 21.56 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

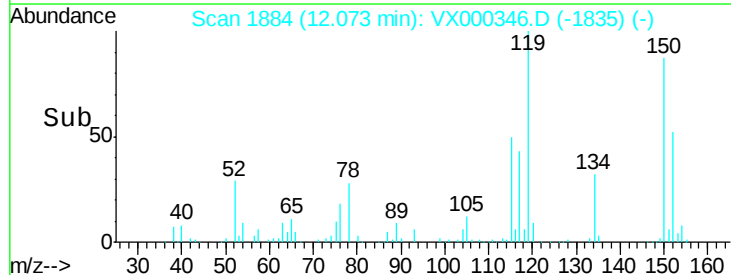
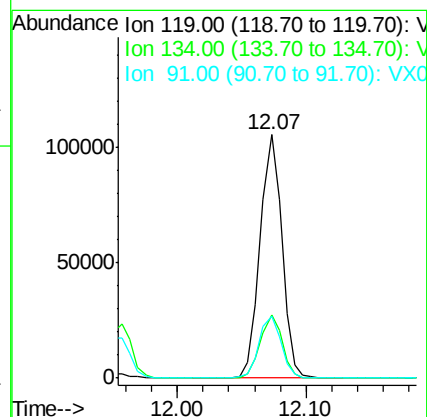
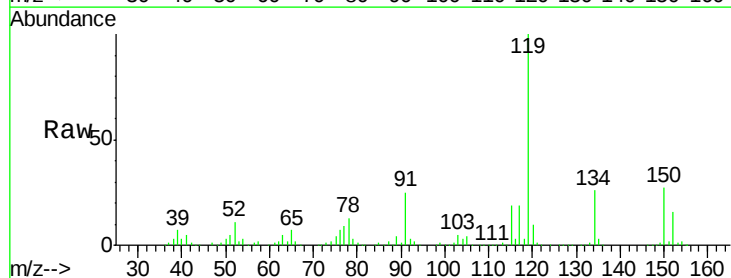
Instrument :
 MSVOA_X
 ClientSampleId :

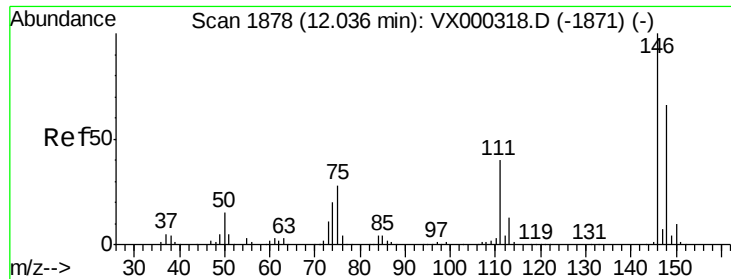
Tot Ion:105 Resp: 141410
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.09 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion:119 Resp: 123096
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.9
 91 25.8 12.0 36.1

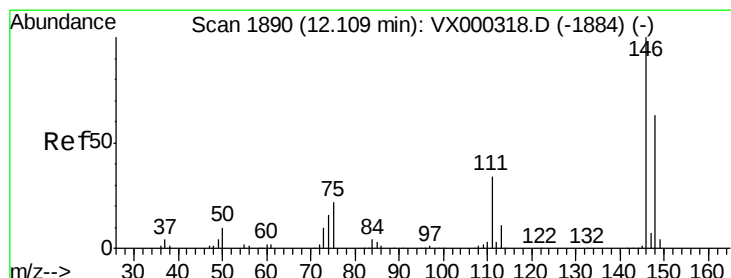
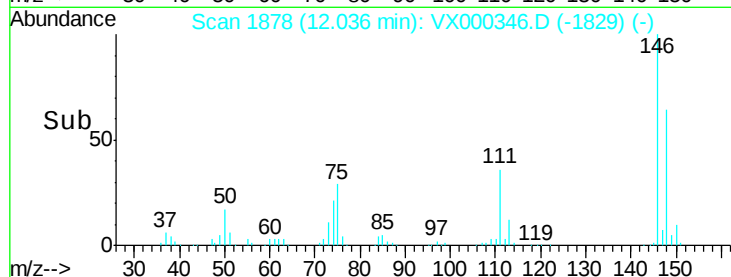
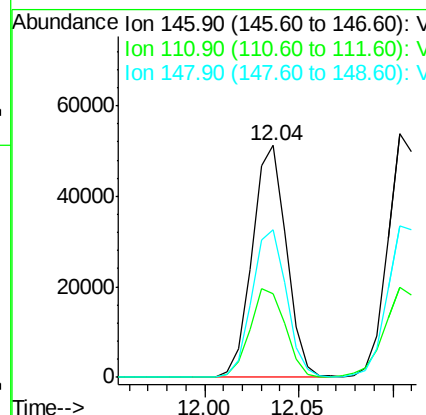
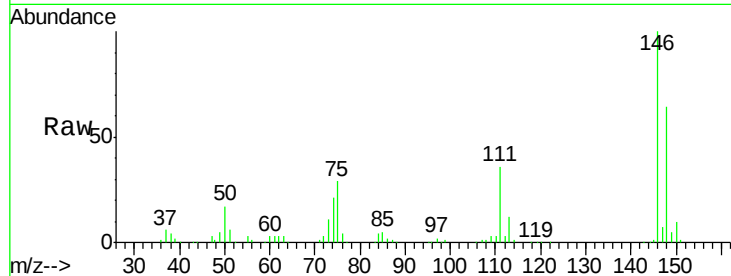




#87
 1,3-Dichlorobenzene
 Concen: 19.83 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

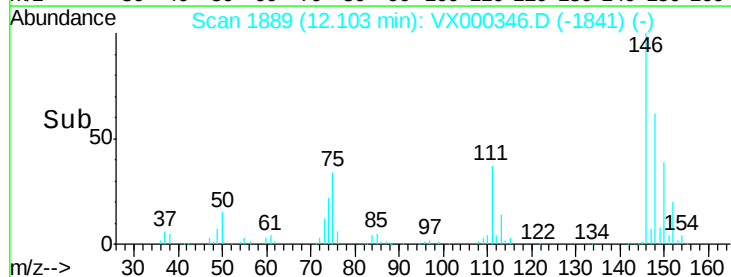
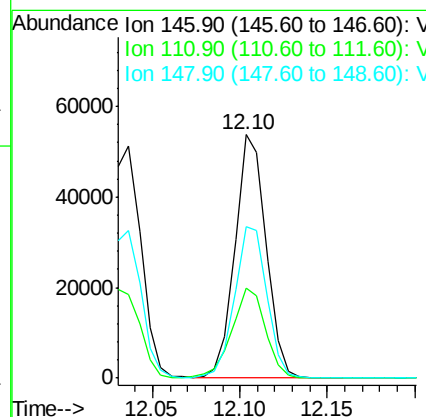
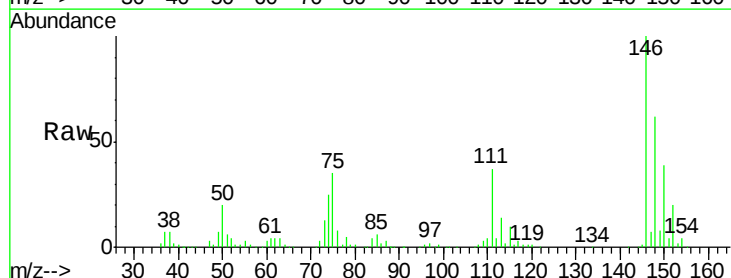
Instrument :
 MSVOA_X
 ClientSampleId :

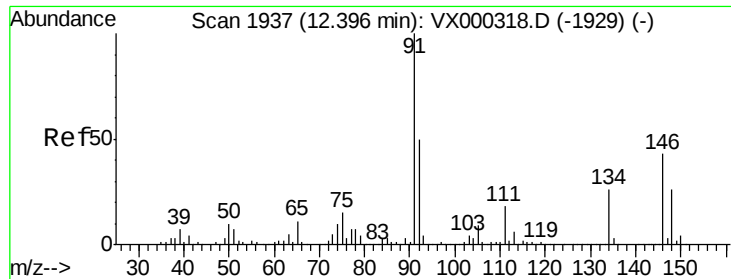
Tot Ion:146 Resp: 64417
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.5 58.5
 148 64.4 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.74 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion:146 Resp: 66607
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.9 56.9
 148 64.6 31.0 93.0

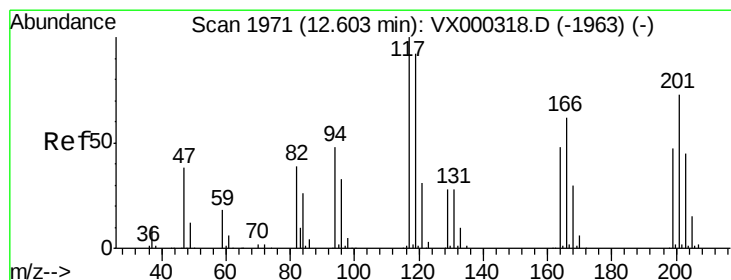
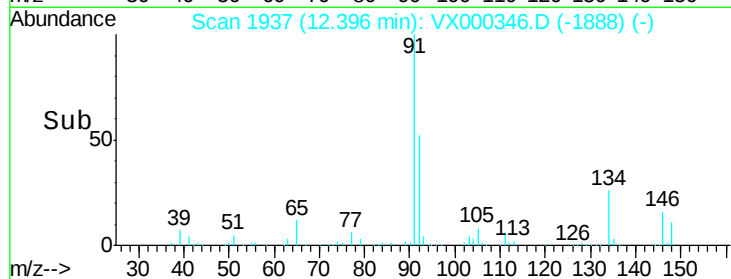
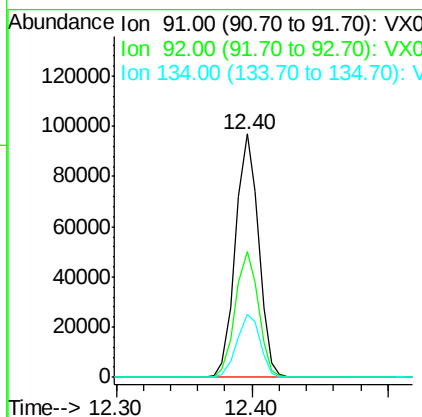
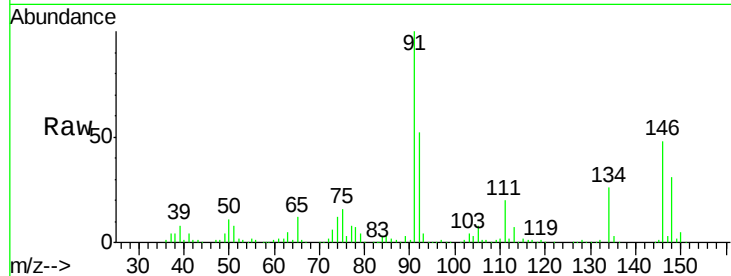




#89
n-Butylbenzene
Concen: 20.17 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

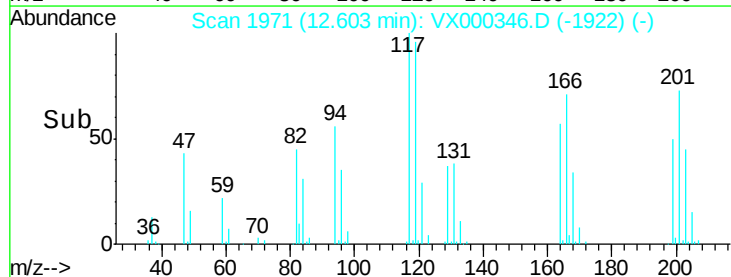
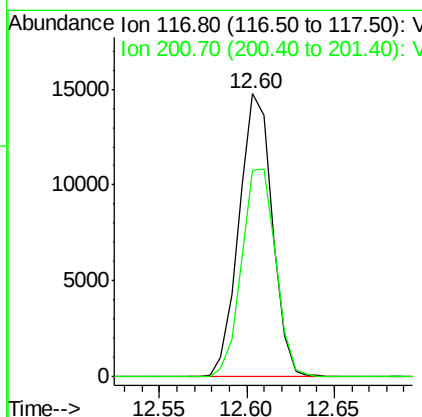
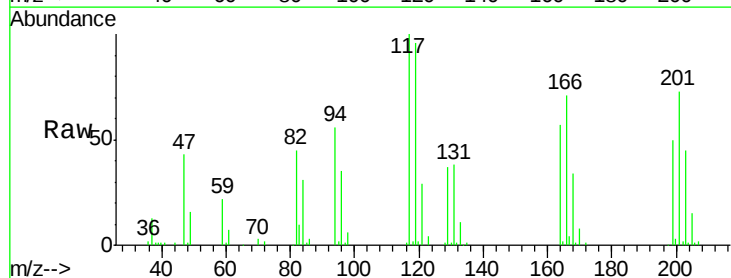
Instrument :
MSVOA_X
ClientSampled :

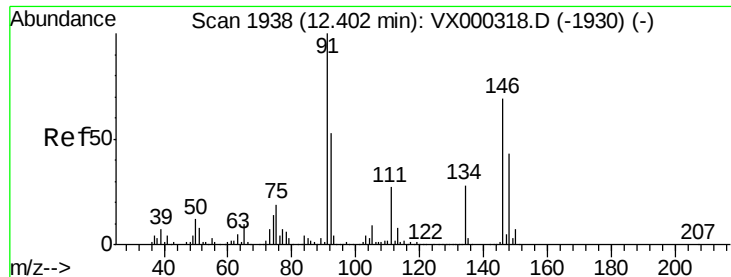
Tot Ion: 91 Resp: 114469
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.8
134 26.1 13.1 39.3



#90
Hexachloroethane
Concen: 20.84 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 117 Resp: 19518
Ion Ratio Lower Upper
117 100
201 75.2 37.9 113.6





#91

1,2-Dichlorobenzene

Concen: 20.36 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

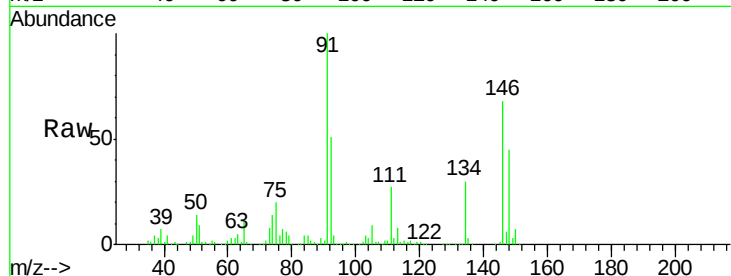
Tot Ion:146 Resp: 64034

Ion Ratio Lower Upper

146 100

111 39.6 20.1 60.2

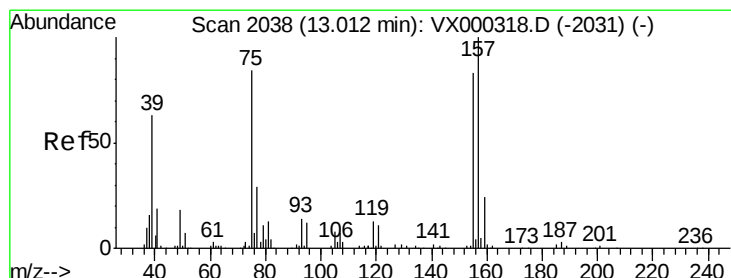
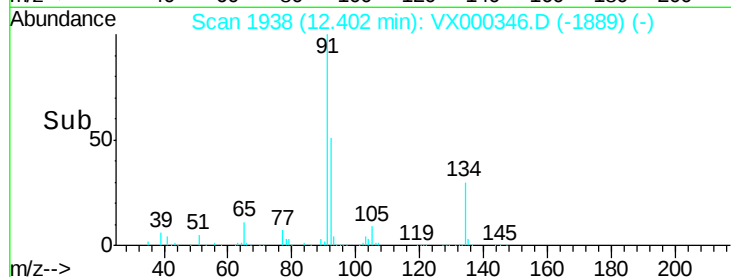
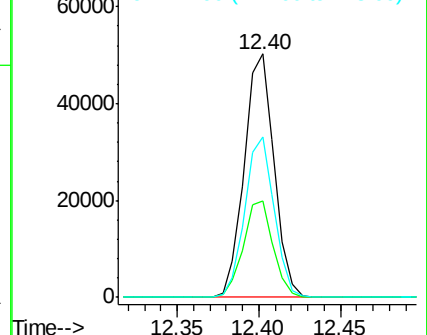
148 65.0 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.50 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

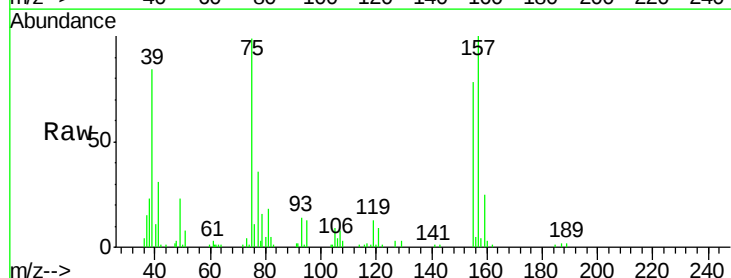
Tgt Ion: 75 Resp: 13066

Ion Ratio Lower Upper

75 100

155 83.2 45.0 134.8

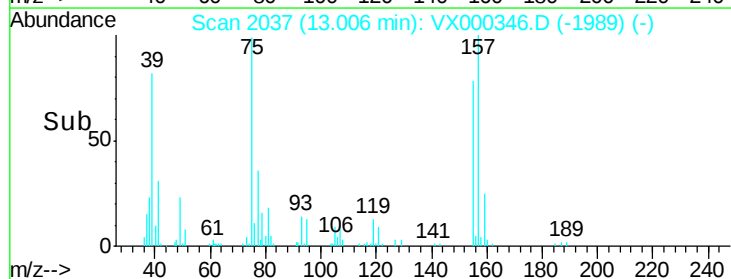
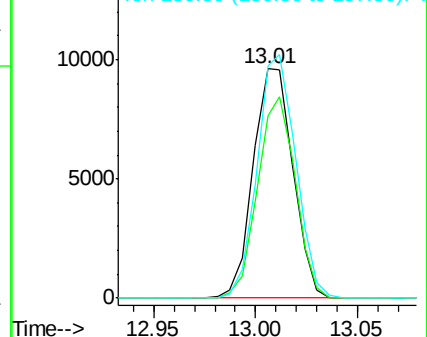
157 102.8 58.1 174.2

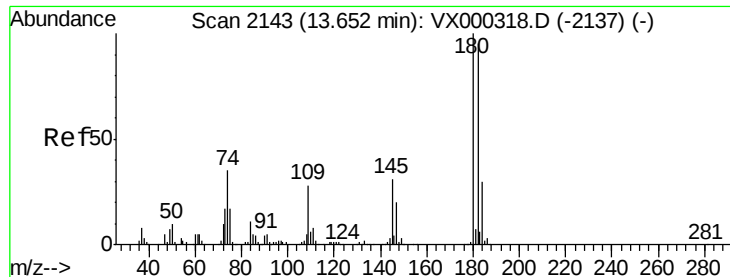


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

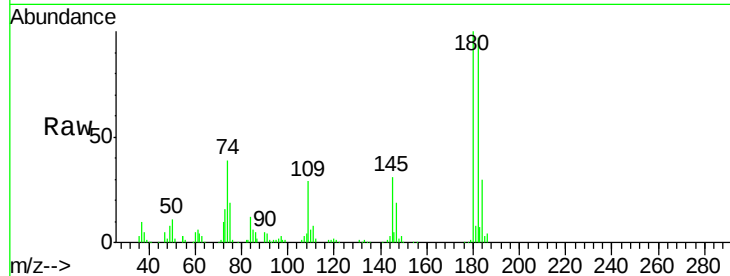




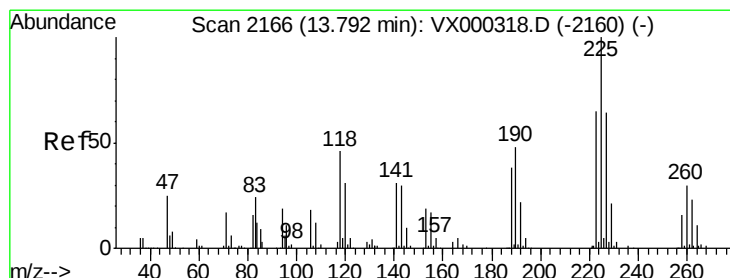
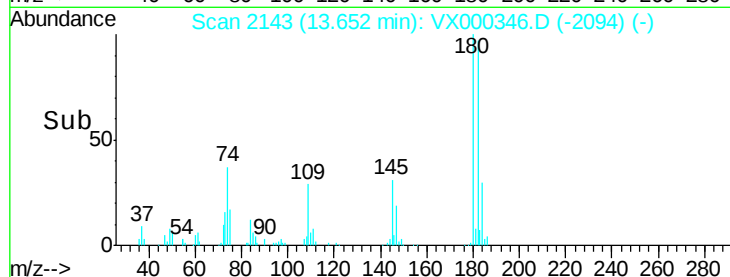
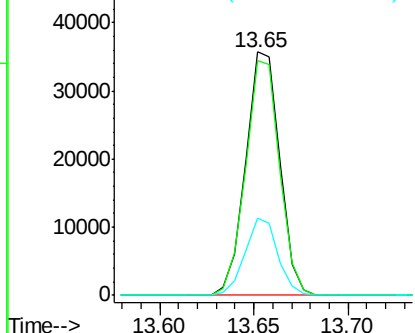
#93
 1,2,4-Trichlorobenzene
 Concen: 19.77 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 44794
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.6 142.9
 145 30.5 15.1 45.3

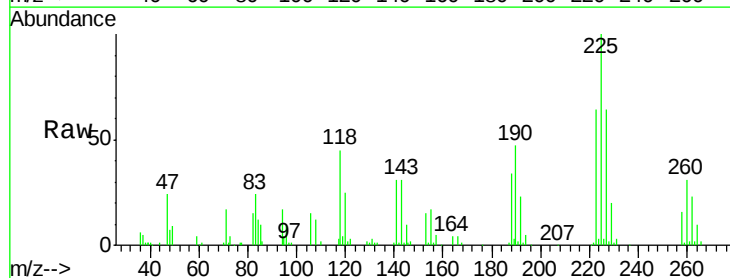


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

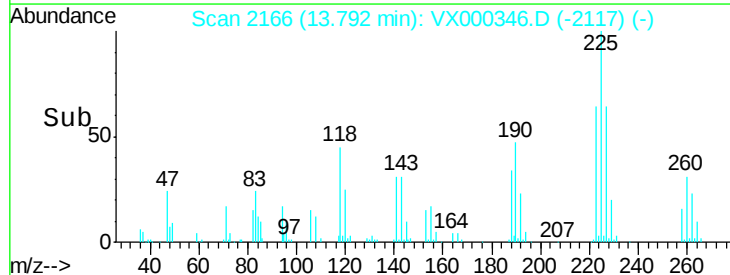
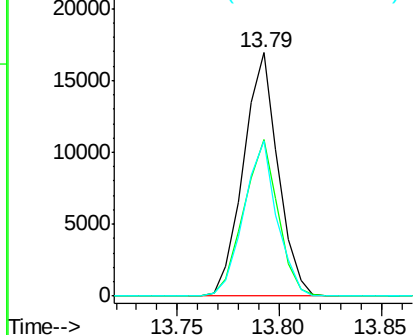


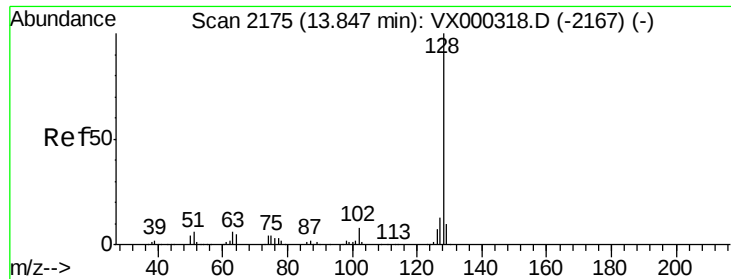
#94
 Hexachlorobutadiene
 Concen: 22.31 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion:225 Resp: 19947
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.0 96.0
 227 61.1 32.6 98.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

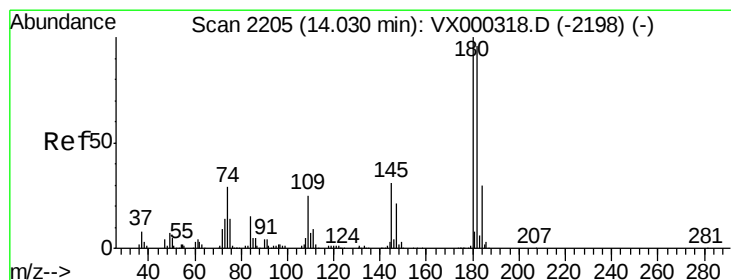
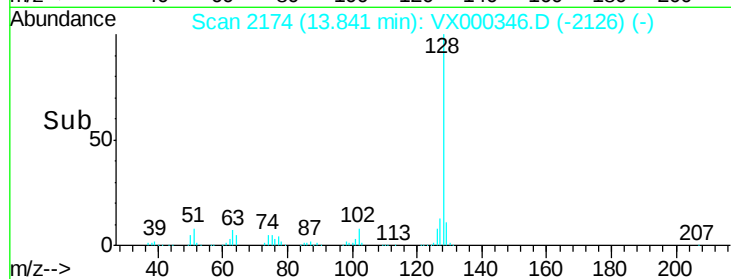
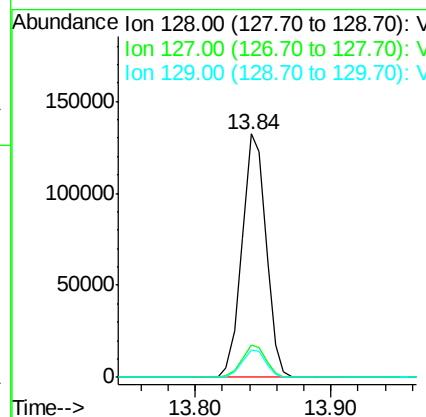
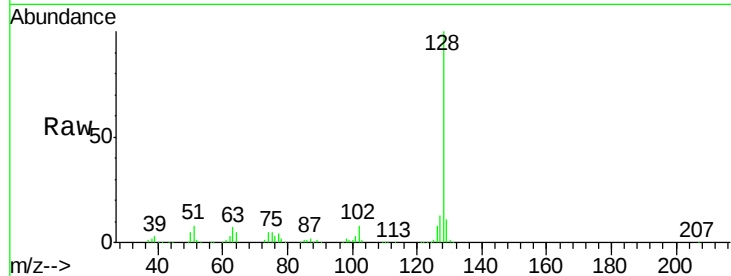




#95
Naphthalene
Concen: 20.76 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 163242
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.20 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion:180 Resp: 46235
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.3
145 30.5 15.8 47.3

