

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030918\
 Data File : VX000253.D
 Acq On : 09 Mar 2018 13:58
 Operator : JC/MD
 Sample : VX0309MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 09 15:37:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	118529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	195636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	200743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	112391	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	82569	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
35) Dibromofluoromethane	5.51	113	63871	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
50) Toluene-d8	8.73	98	252476	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.15	95	97564	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	23928	18.526	ug/l	97
3) Chloromethane	1.32	50	25989	20.612	ug/l	96
4) Vinyl Chloride	1.40	62	31412	21.376	ug/l	99
5) Bromomethane	1.64	94	27021	16.968	ug/l	98
6) Chloroethane	1.73	64	20353	21.949	ug/l	99
7) Trichlorofluoromethane	1.93	101	53102	21.783	ug/l	99
8) Diethyl Ether	2.20	74	19339	21.613	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28894	21.221	ug/l	99
10) Methyl Iodide	2.52	142	24384	19.134	ug/l	98
11) Tert butyl alcohol	3.09	59	61064	101.143	ug/l	98
12) 1,1-Dichloroethene	2.38	96	26770	21.414	ug/l	94
13) Acrolein	2.30	56	34906	109.971	ug/l	98
14) Allyl chloride	2.73	41	48625	21.056	ug/l	100
15) Acrylonitrile	3.16	53	113371	107.902	ug/l	99
16) Acetone	2.45	43	121317	102.813	ug/l	96
17) Carbon Disulfide	2.57	76	66402	19.386	ug/l	98
18) Methyl Acetate	2.79	43	54444	21.666	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	98706	22.171	ug/l	97
20) Methylene Chloride	2.87	84	30818	21.899	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	28345	20.616	ug/l	98
22) Diisopropyl ether	3.89	45	70710	17.830	ug/l	98
23) Vinyl Acetate	3.84	43	336696	88.095	ug/l	99
24) 1,1-Dichloroethane	3.70	63	52811	21.723	ug/l	97
25) 2-Butanone	4.73	43	140127	96.228	ug/l	97
26) 2,2-Dichloropropane	4.59	77	35164	19.789	ug/l	100
27) cis-1,2-Dichloroethene	4.62	96	25664	19.686	ug/l	98
28) Bromochloromethane	5.03	49	23802	23.036	ug/l #	12
29) Tetrahydrofuran	5.19	42	88199	96.433	ug/l	99
30) Chloroform	5.23	83	46149	19.634	ug/l	95
31) Cyclohexane	5.59	56	35812	19.920	ug/l	91
32) 1,1,1-Trichloroethane	5.51	97	41341	20.285	ug/l	97
36) 1,1-Dichloropropene	5.81	75	33337	19.151	ug/l	99
37) Ethyl Acetate	4.88	43	47642	18.938	ug/l	99
38) Carbon Tetrachloride	5.79	117	34396	19.525	ug/l	92

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 MSVOA_X
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	40698	19.054	ug/l	97
40) Benzene	6.15	78	101516	20.220	ug/l	98
41) Methacrylonitrile	5.08	41	24071	18.772	ug/l	98
42) 1,2-Dichloroethane	6.21	62	39442	20.029	ug/l	100
43) Isopropyl Acetate	6.48	43	70441	19.366	ug/l	99
44) Trichloroethene	7.23	130	28411	19.771	ug/l	90
45) 1,2-Dichloropropane	7.53	63	25585	20.120	ug/l #	86
46) Dibromomethane	7.67	93	20050	19.930	ug/l	99
47) Bromodichloromethane	7.91	83	34757	19.641	ug/l	92
48) Methyl methacrylate	7.79	41	35224	19.661	ug/l	97
49) 1,4-Dioxane	7.77	88	15251	374.997	ug/l	96
51) 4-Methyl-2-Pentanone	8.67	43	275886	100.494	ug/l	97
52) Toluene	8.79	92	68074	19.784	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	41010	19.666	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	40401	20.026	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	28436	20.404	ug/l	93
56) Ethyl methacrylate	9.20	69	42320	20.291	ug/l	95
57) 1,3-Dichloropropane	9.38	76	46952	20.063	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	114604	108.834	ug/l	98
59) 2-Hexanone	9.51	43	230105	98.300	ug/l	98
60) Dibromochloromethane	9.59	129	27836	18.943	ug/l	100
61) 1,2-Dibromoethane	9.68	107	31534	20.376	ug/l	98
64) Tetrachloroethene	9.34	164	26499	18.867	ug/l	96
65) Chlorobenzene	10.15	112	80268	19.800	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	27661	19.957	ug/l	98
67) Ethyl Benzene	10.26	91	135407	19.138	ug/l	100
68) m/p-Xylenes	10.37	106	105974	38.917	ug/l	96
69) o-Xylene	10.71	106	51969	19.856	ug/l	100
70) Styrene	10.72	104	84278	19.411	ug/l	98
71) Bromoform	10.87	173	21557	17.408	ug/l #	97
73) Isopropylbenzene	11.02	105	139366	19.805	ug/l	98
74) N-amyl acetate	6.48	43	70441	19.566	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	50420	20.439	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	58884	26.137	ug/l	83
77) Bromobenzene	11.26	156	35368	19.441	ug/l	96
78) n-propylbenzene	11.37	91	167710	20.251	ug/l	96
79) 2-Chlorotoluene	11.43	91	94389	20.204	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	119869	20.404	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	12868	17.490	ug/l	86
82) 4-Chlorotoluene	11.52	91	116320	20.479	ug/l	98
83) tert-Butylbenzene	11.78	119	117300	20.519	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	123760	20.485	ug/l	99
85) sec-Butylbenzene	11.96	105	147452	20.392	ug/l	98
86) p-Isopropyltoluene	12.07	119	130610	20.483	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	69112	19.981	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	71552	19.739	ug/l	99
89) n-Butylbenzene	12.40	91	126609	20.616	ug/l	98
90) Hexachloroethane	12.60	117	19291	18.778	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	68052	19.872	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13862	20.009	ug/l	88

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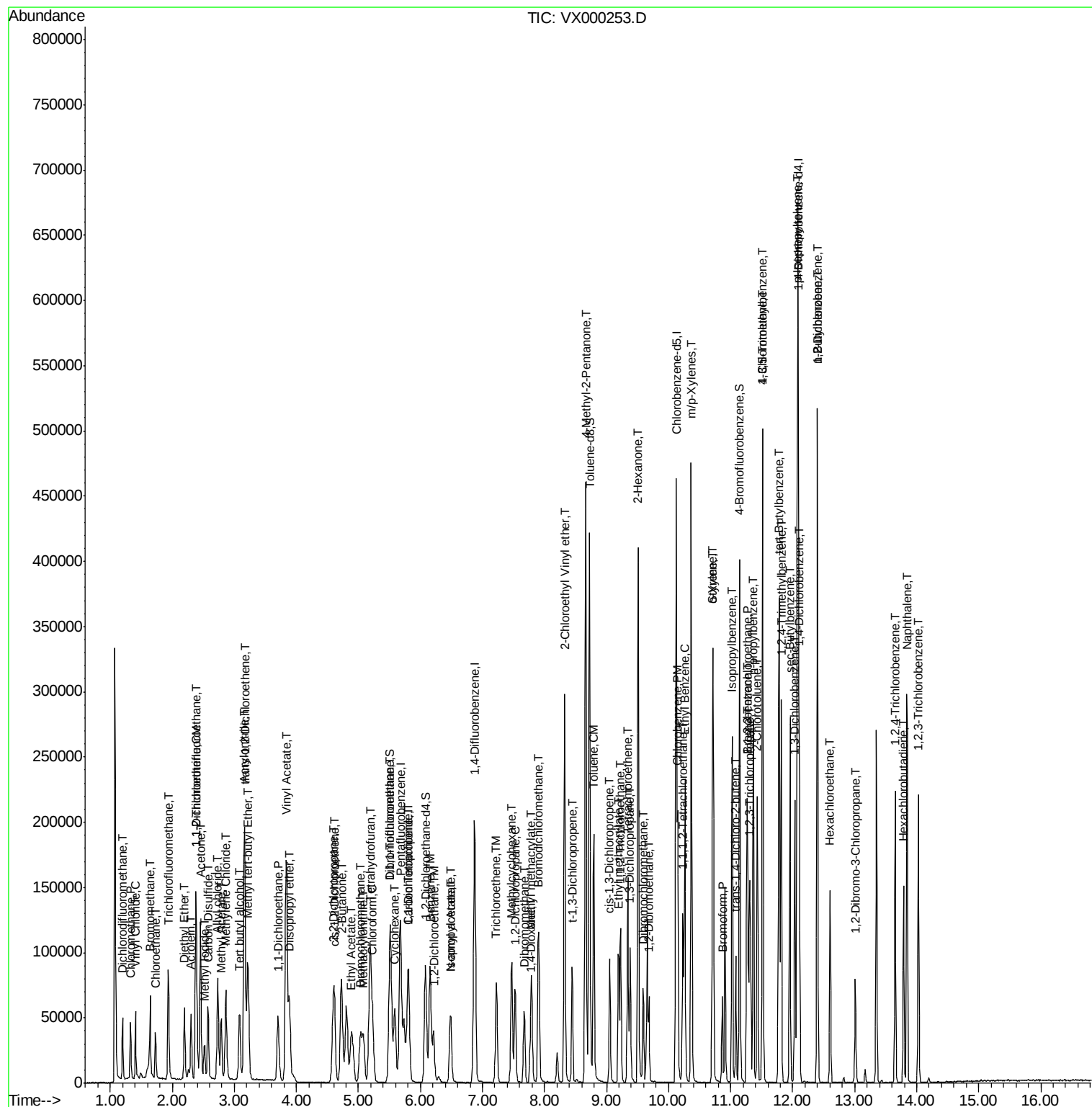
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	47645	19.126	ug/l	97
94) Hexachlorobutadiene	13.79	225	19274	18.589	ug/l	97
95) Naphthalene	13.84	128	175281	20.163	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	47887	19.431	ug/l	99

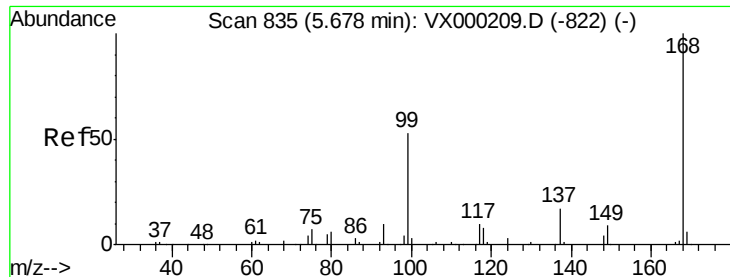
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030918\
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 Misc : 5.00µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 09 15:37:36 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

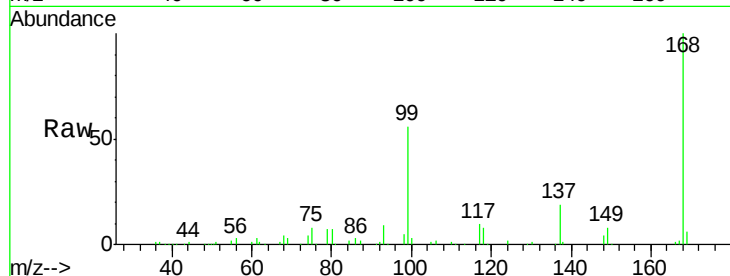
ClientSampleId :

Tot Ion:168 Resp: 118529

Ion Ratio Lower Upper

168 100

99 55.5 42.8 64.2

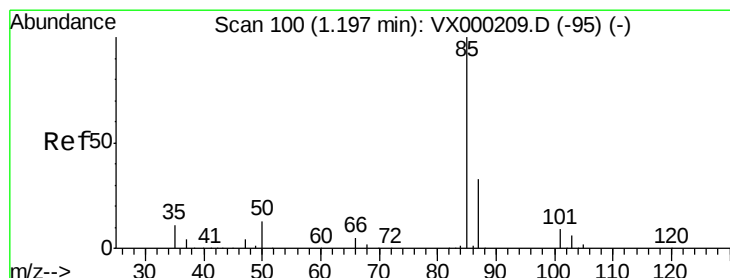
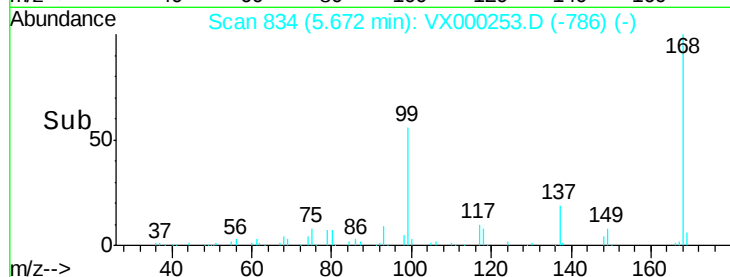


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 18.526 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000253.D

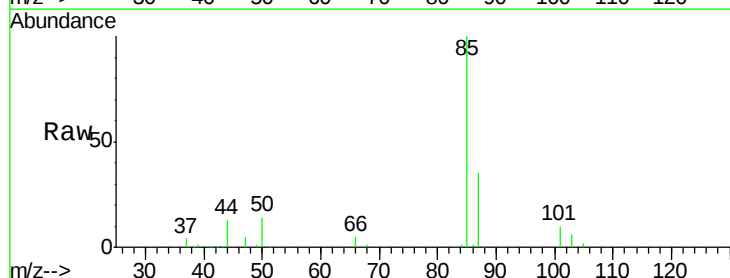
Acq: 09 Mar 2018 13:58

Tgt Ion: 85 Resp: 23928

Ion Ratio Lower Upper

85 100

87 35.1 16.7 50.0

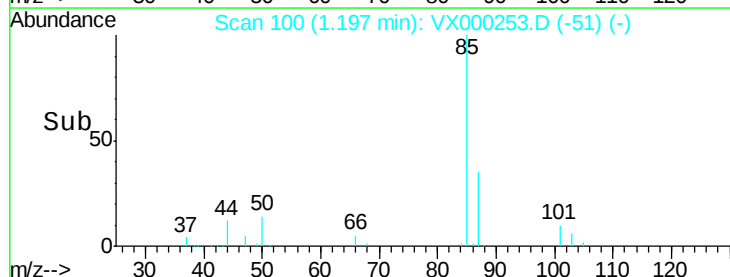


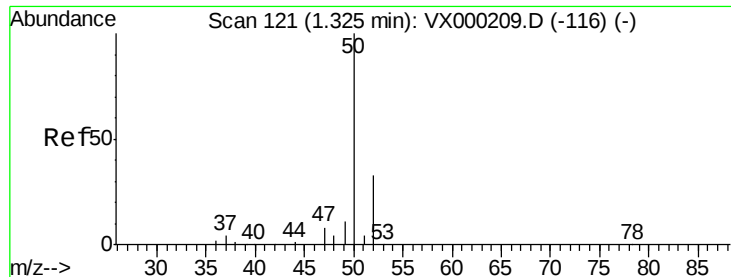
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 20.612 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

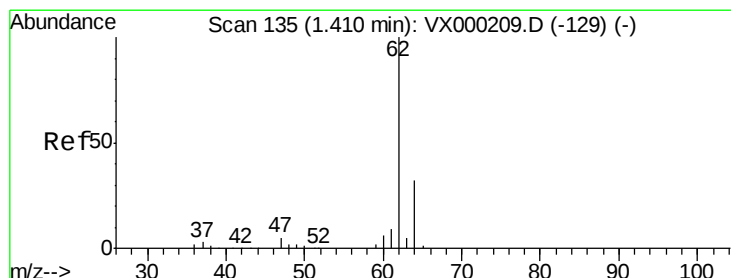
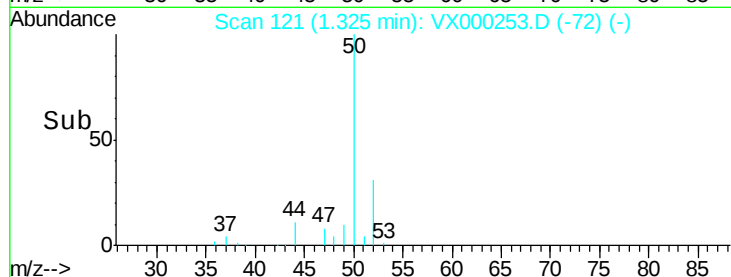
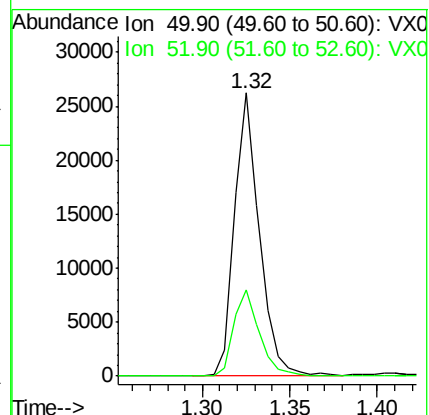
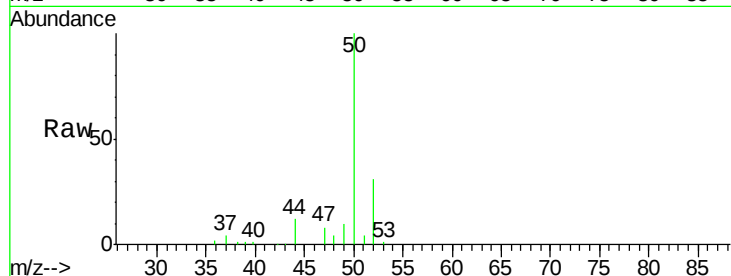
ClientSampleId :

Tot Ion: 50 Resp: 25989

Ion Ratio Lower Upper

50 100

52 30.6 26.2 39.2



#4

Vinyl Chloride

Concen: 21.376 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000253.D

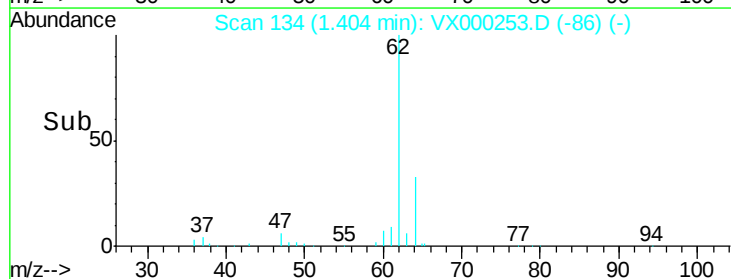
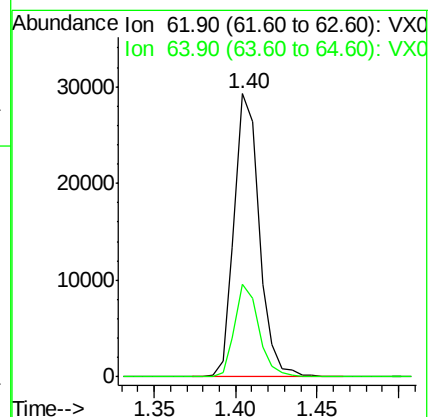
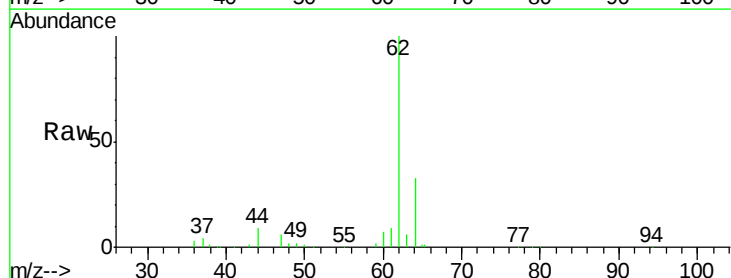
Acq: 09 Mar 2018 13:58

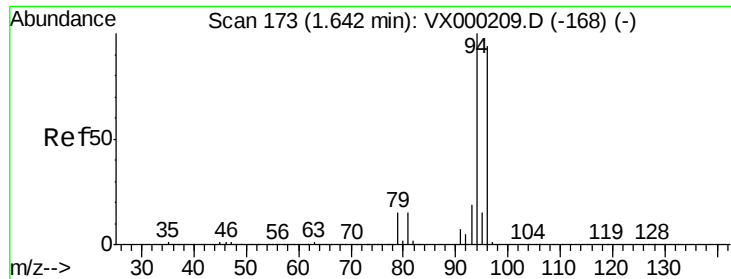
Tgt Ion: 62 Resp: 31412

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5





#5

Bromomethane

Concen: 16.968 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

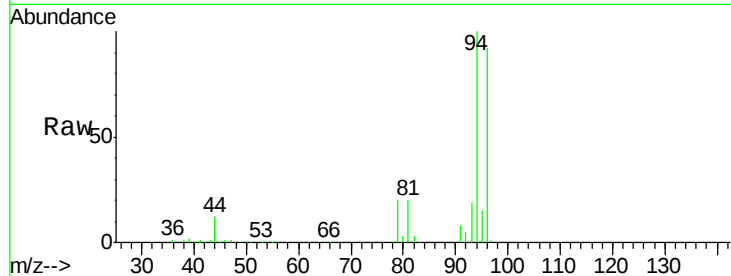
ClientSampleId :

Tot Ion: 94 Resp: 27021

Ion Ratio Lower Upper

94 100

96 92.1 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

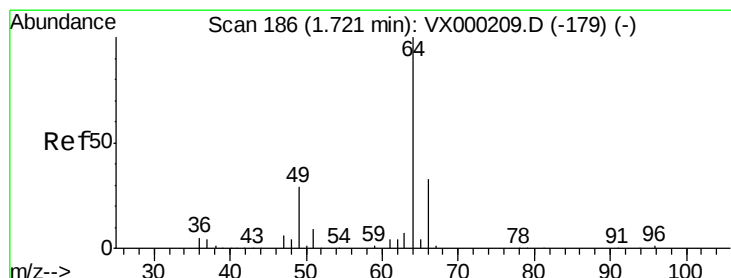
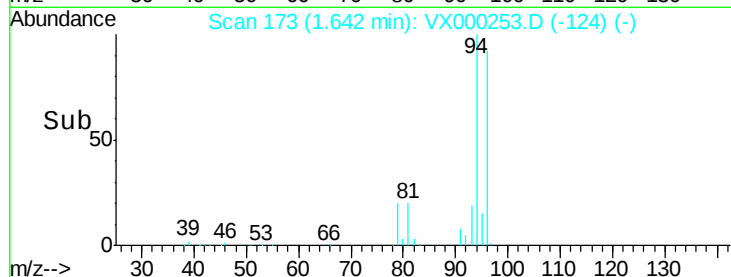
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 21.949 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000253.D

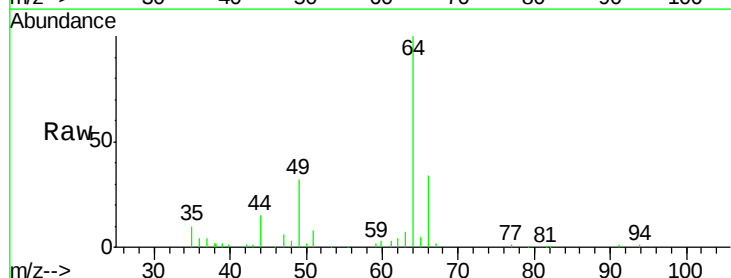
Acq: 09 Mar 2018 13:58

Tgt Ion: 64 Resp: 20353

Ion Ratio Lower Upper

64 100

66 33.6 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

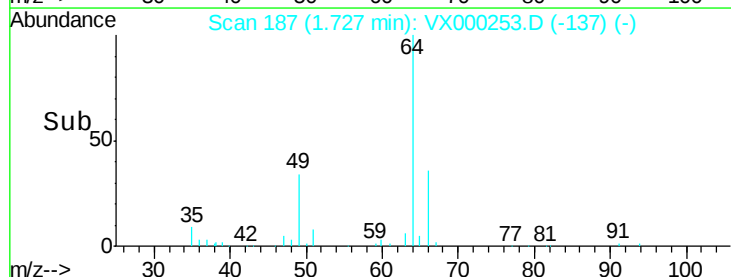
15000

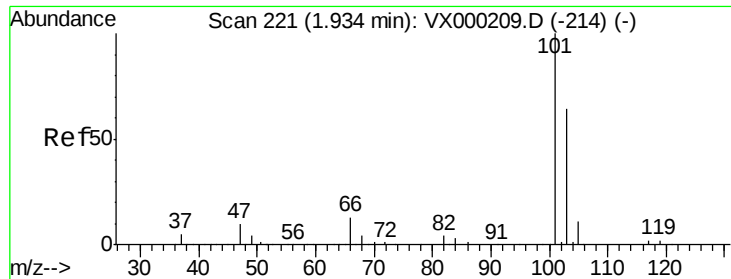
10000

5000

0

Time-->



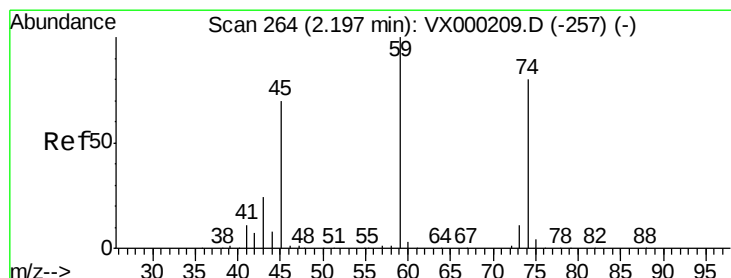
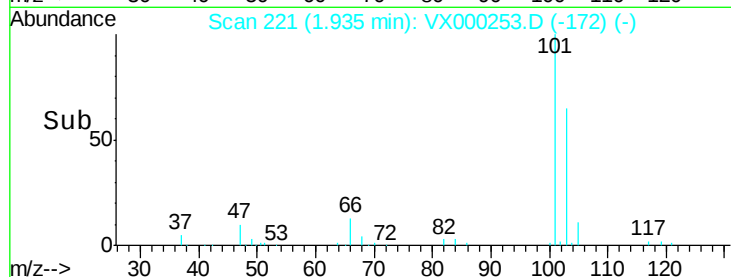
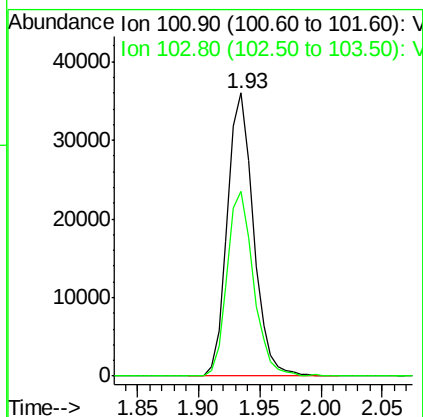
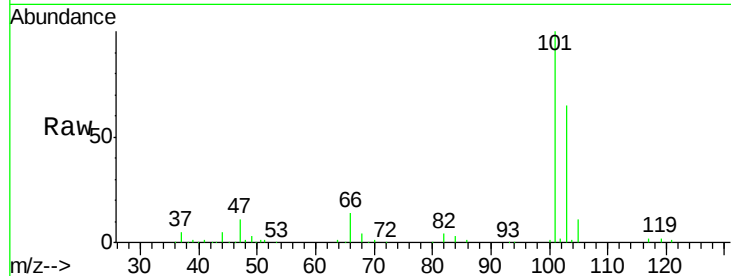


#7

Trichlorofluoromethane
Concen: 21.783 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :

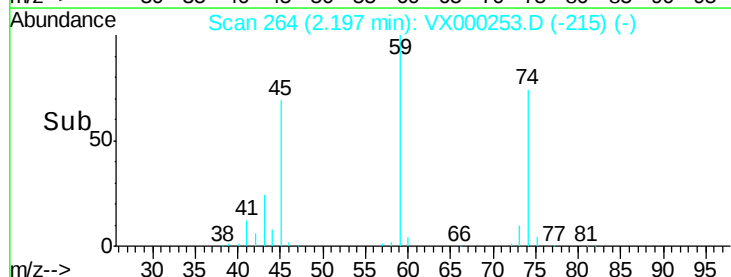
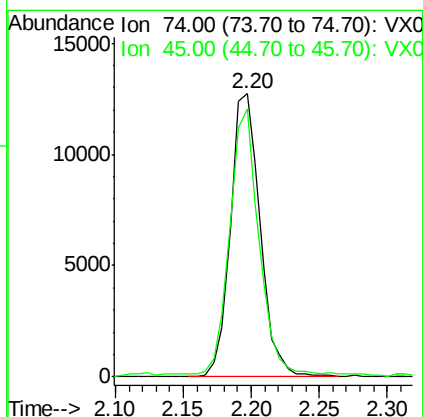
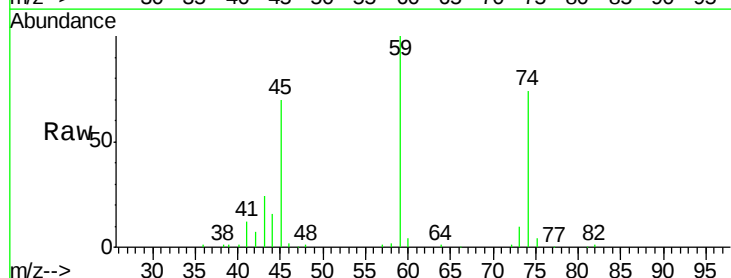
Tot Ion:101 Resp: 53102
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

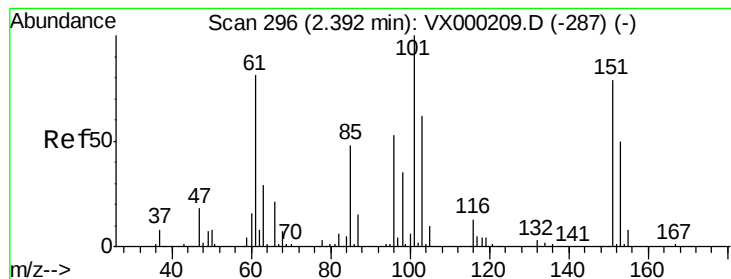


#8

Diethyl Ether
Concen: 21.613 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 74 Resp: 19339
Ion Ratio Lower Upper
74 100
45 91.3 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.221 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

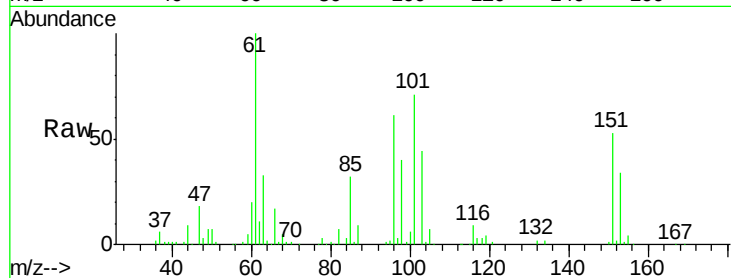
Tot Ion:101 Resp: 28894

Ion Ratio Lower Upper

101 100

85 48.1 38.3 57.5

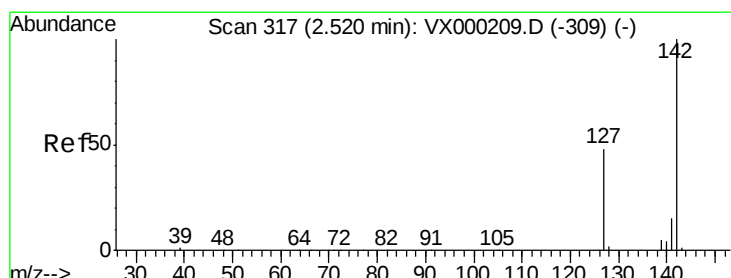
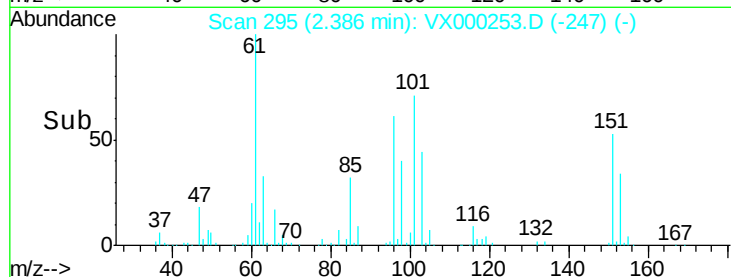
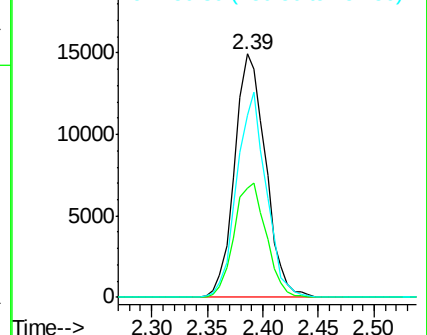
151 79.9 62.8 94.2



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: 19.134 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

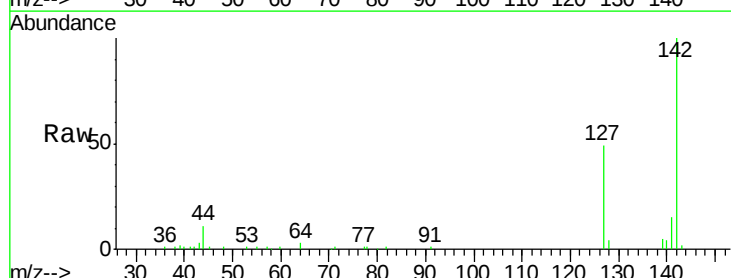
Tgt Ion:142 Resp: 24384

Ion Ratio Lower Upper

142 100

127 50.1 39.0 58.6

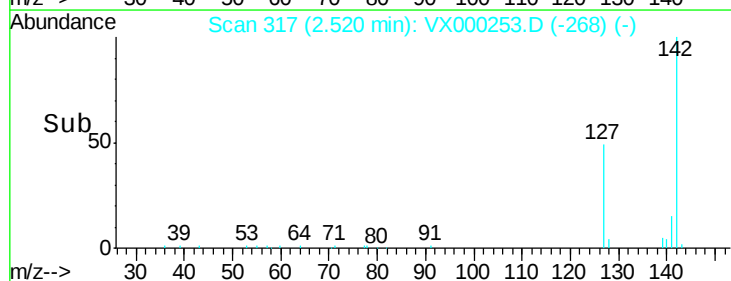
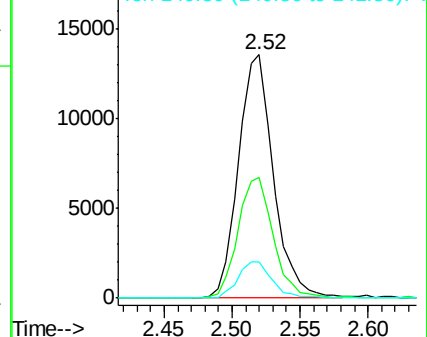
141 14.6 11.6 17.4

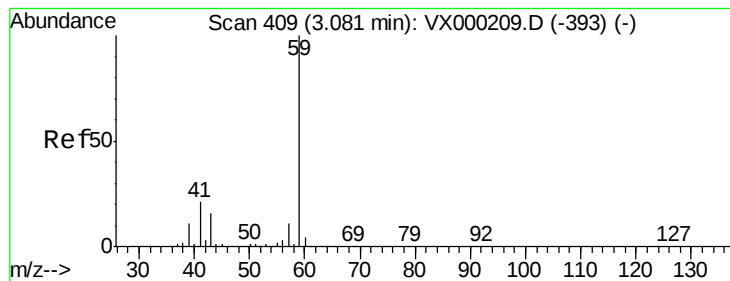


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



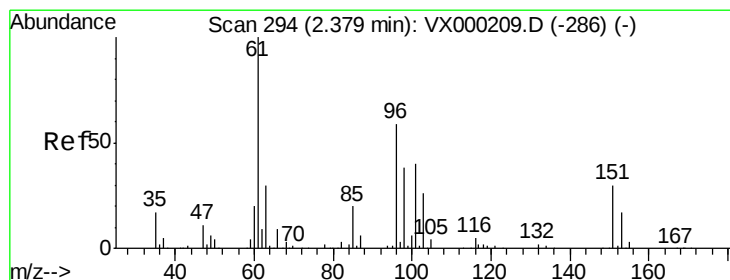
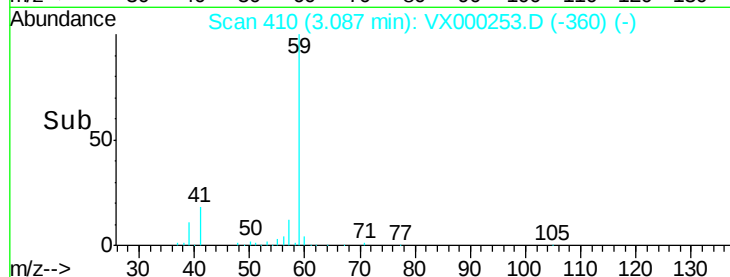
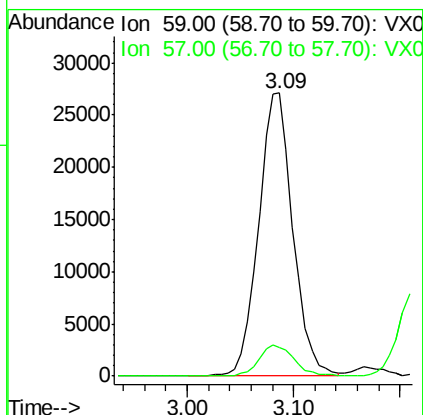
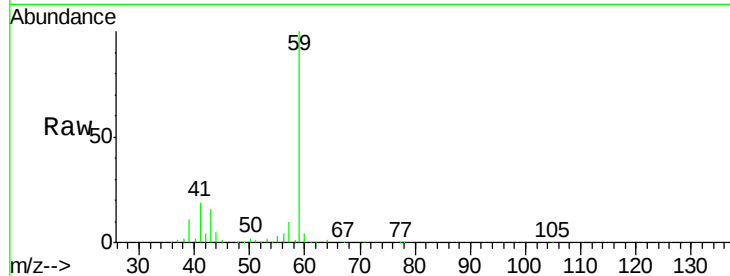


#11

Tert butyl alcohol
 Concen: 101.143 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Instrument :
 MSVOA_X
 ClientSampled :

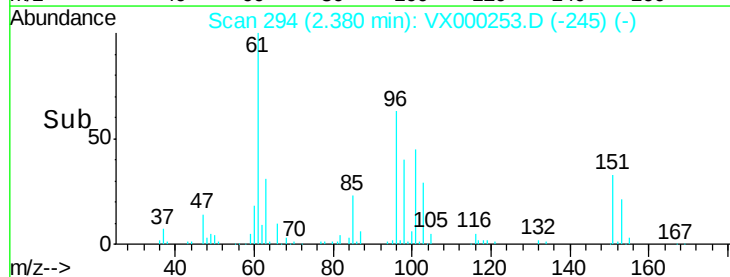
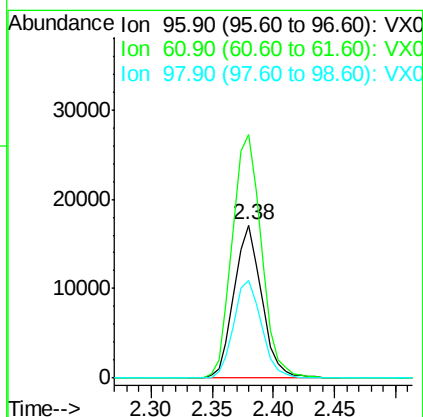
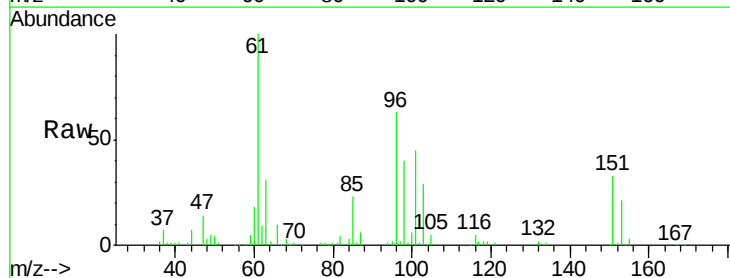
Tot Ion: 59 Resp: 61064
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.4 12.6

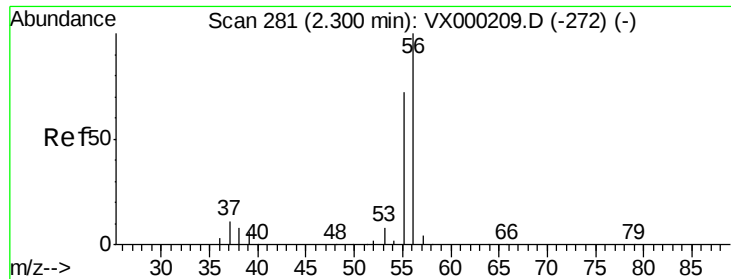


#12

1,1-Dichloroethene
 Concen: 21.414 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion: 96 Resp: 26770
 Ion Ratio Lower Upper
 96 100
 61 159.1 135.8 203.6
 98 63.8 51.1 76.7





#13

Acrolein

Concen: 109.971 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

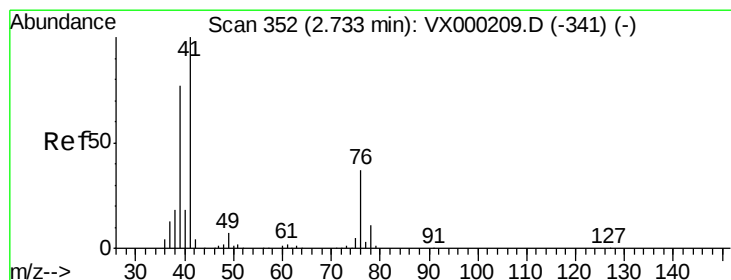
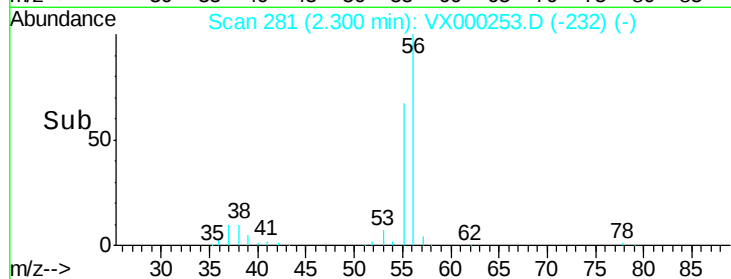
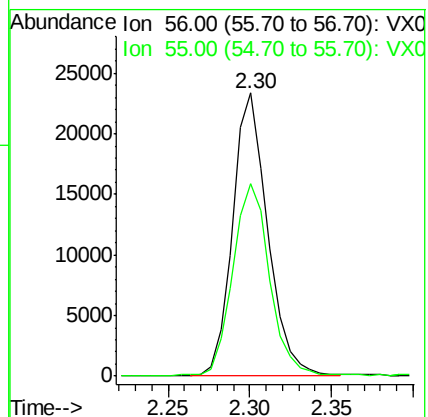
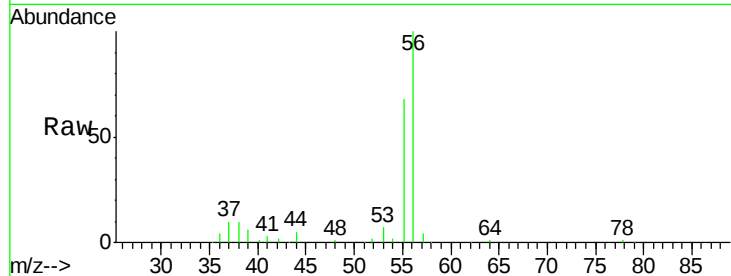
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 34906

Ion Ratio Lower Upper

56 100

55 72.4 59.2 88.8



#14

Allyl chloride

Concen: 21.056 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

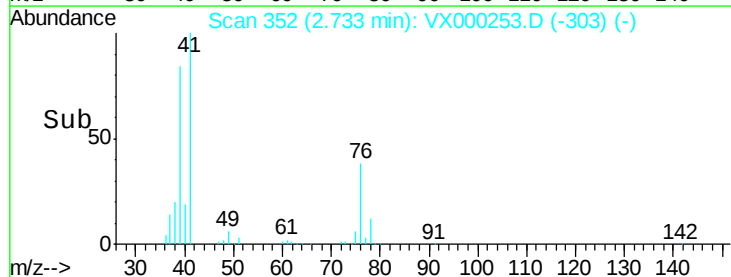
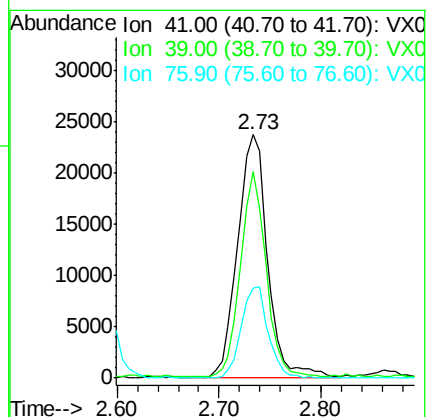
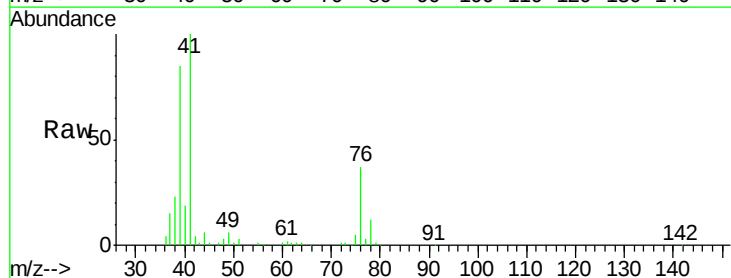
Tgt Ion: 41 Resp: 48625

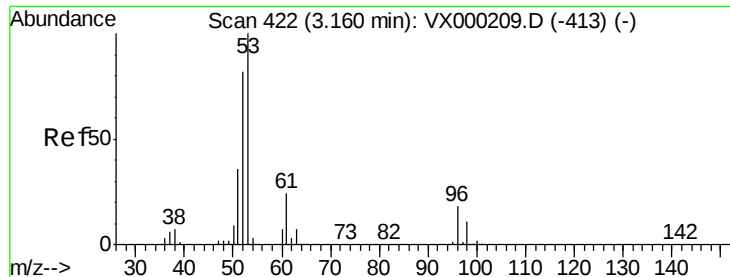
Ion Ratio Lower Upper

41 100

39 71.5 57.0 85.6

76 33.9 26.8 40.2





#15

Acrylonitrile

Concen: 107.902 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :

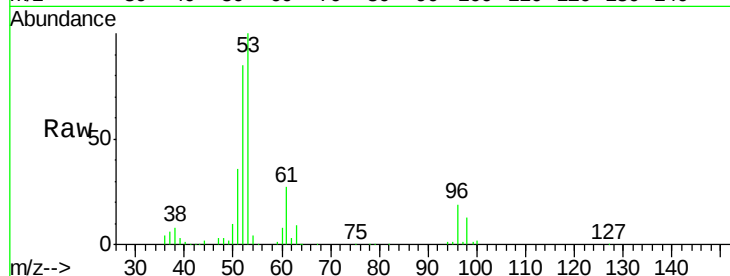
Tot Ion: 53 Resp: 113371

Ion Ratio Lower Upper

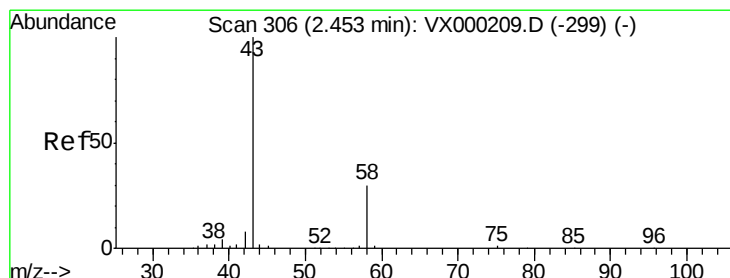
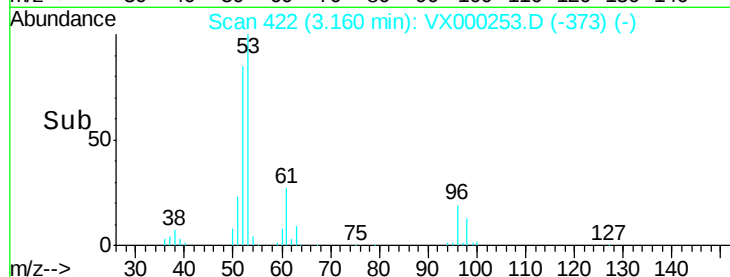
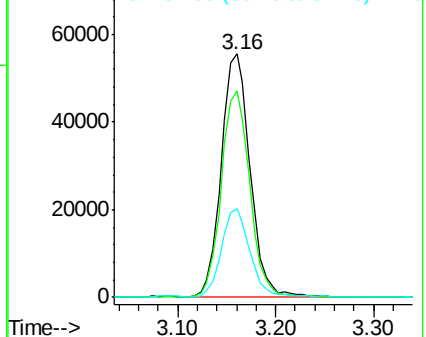
53 100

52 84.6 66.3 99.5

51 36.6 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 102.813 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000253.D

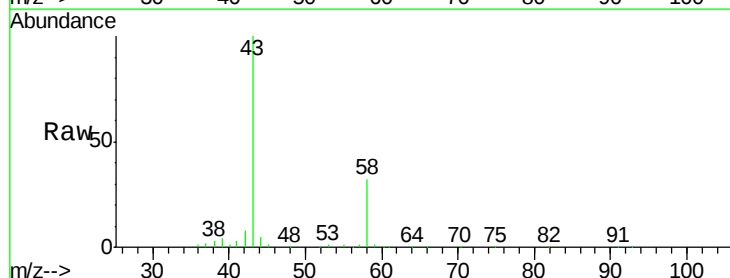
Acq: 09 Mar 2018 13:58

Tgt Ion: 43 Resp: 121317

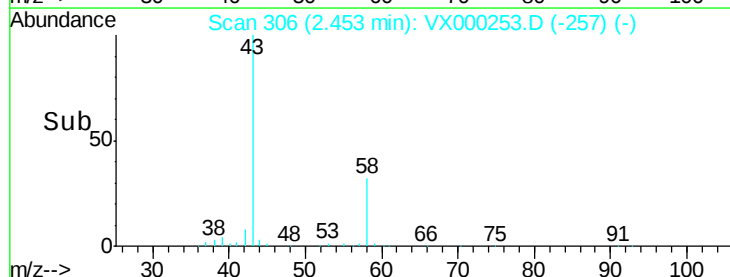
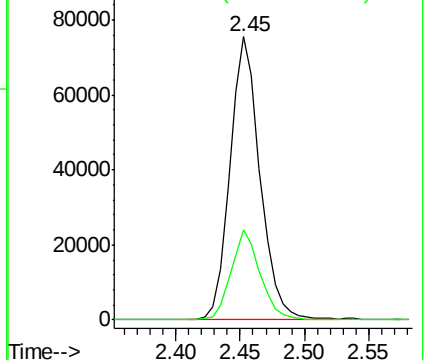
Ion Ratio Lower Upper

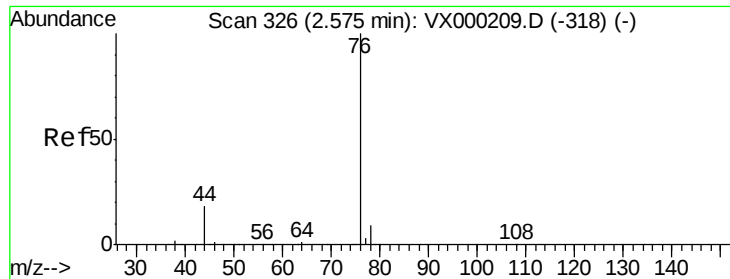
43 100

58 32.0 23.8 35.6



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

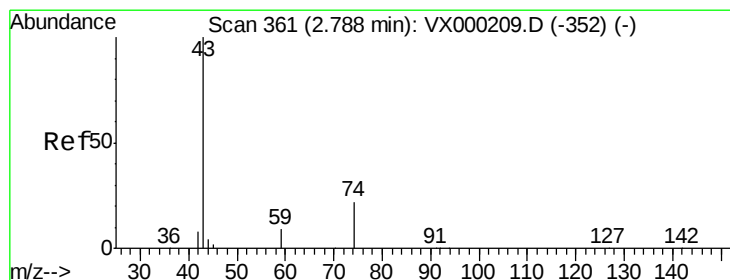
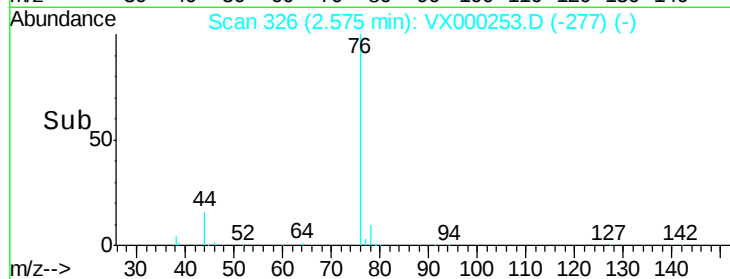
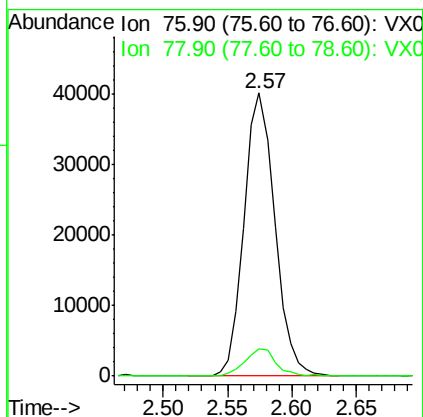
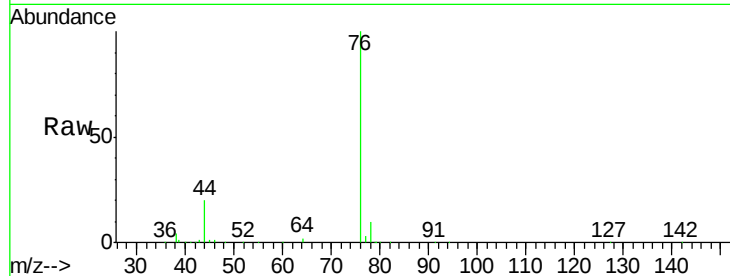




#17
Carbon Disulfide
Concen: 19.386 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

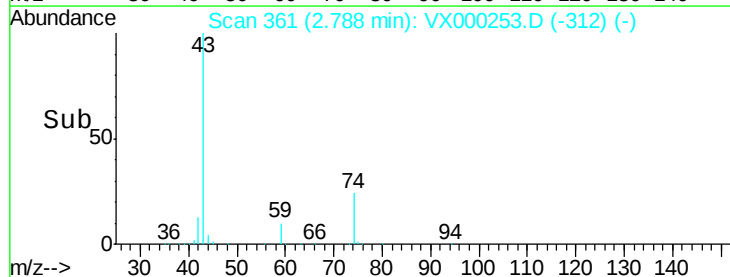
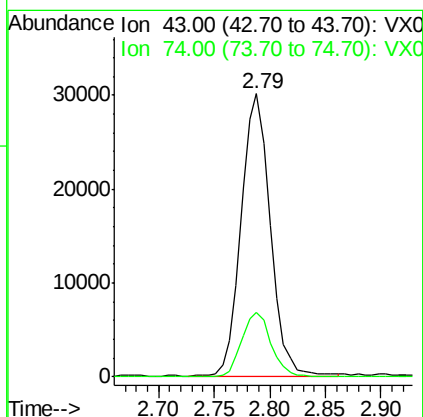
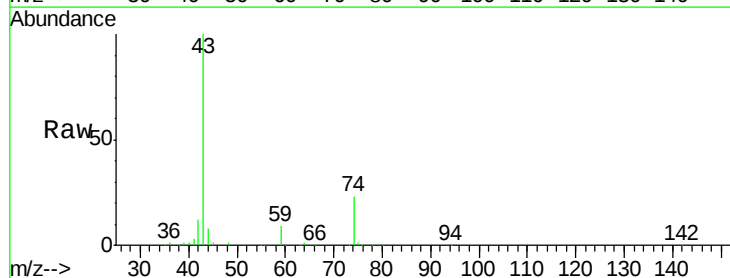
Instrument :
MSVOA_X
ClientSampleId :

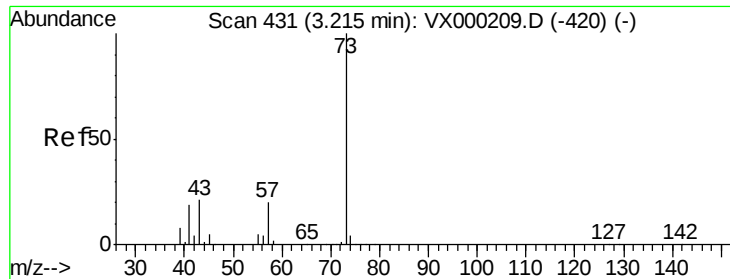
Tot Ion: 76 Resp: 66402
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#18
Methyl Acetate
Concen: 21.666 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 43 Resp: 54444
Ion Ratio Lower Upper
43 100
74 23.2 18.9 28.3

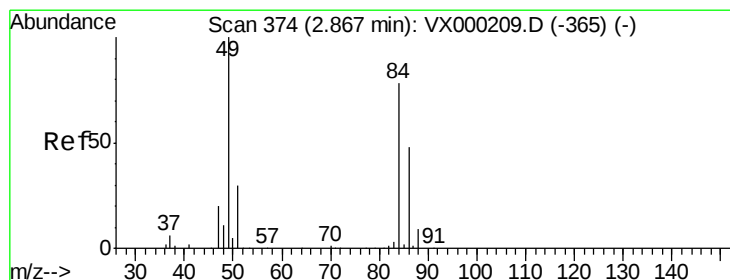
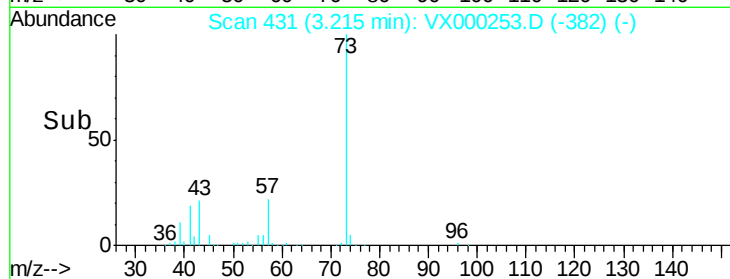
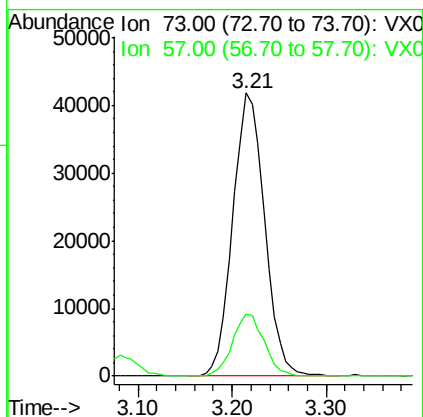
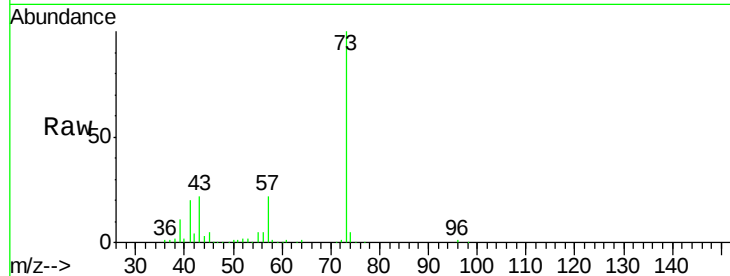




#19
Methyl tert-butyl Ether
Concen: 22.171 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

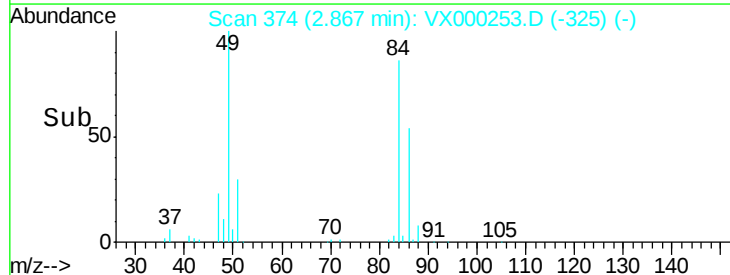
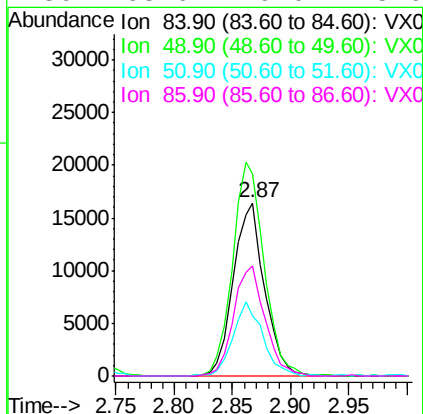
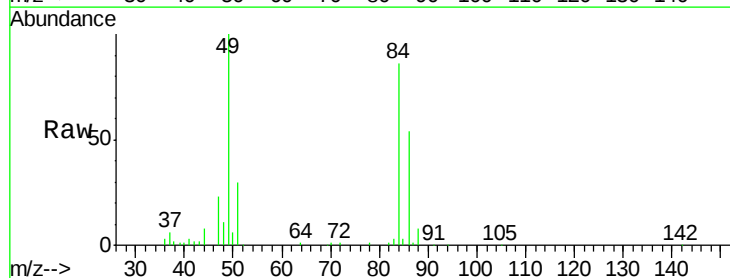
Instrument :
MSVOA_X
ClientSampleId :

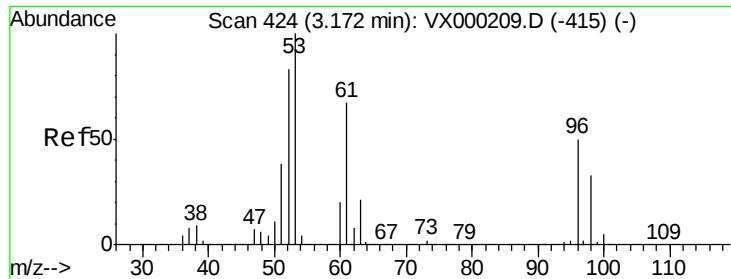
Tot Ion: 73 Resp: 98706
Ion Ratio Lower Upper
73 100
57 21.7 16.3 24.5



#20
Methylene Chloride
Concen: 21.899 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 84 Resp: 30818
Ion Ratio Lower Upper
84 100
49 116.8 102.1 153.1
51 35.1 30.6 45.8
86 63.6 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 20.616 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

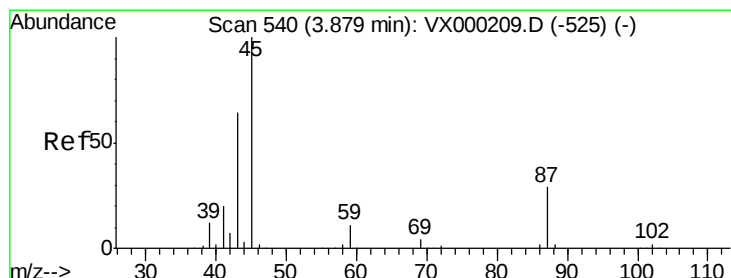
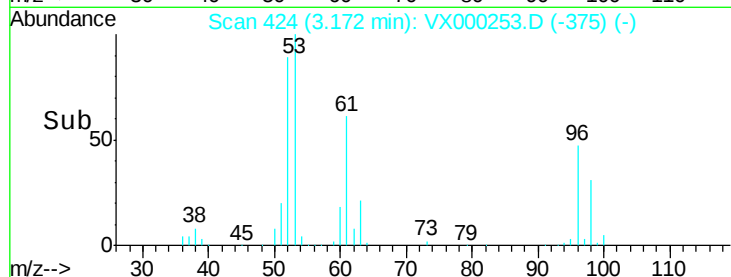
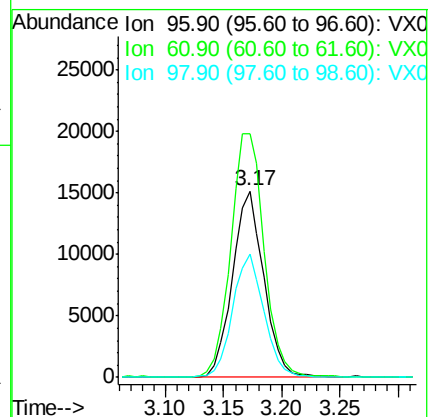
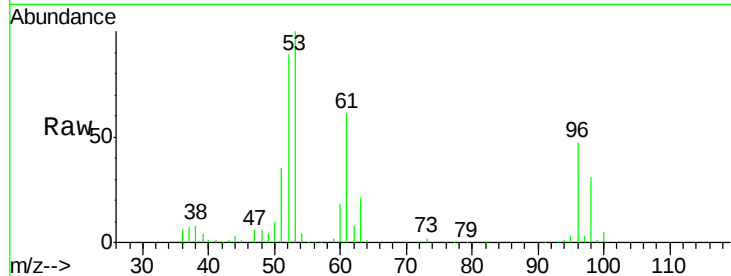
Tot Ion: 96 Resp: 28345

Ion Ratio Lower Upper

96 100

61 130.4 107.0 160.4

98 65.9 51.8 77.8



#22

Diisopropyl ether

Concen: 17.830 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Tgt Ion: 45 Resp: 70710

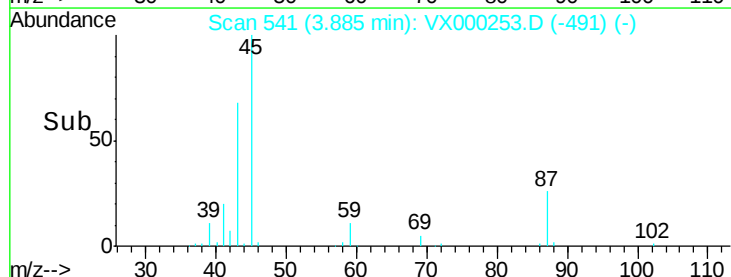
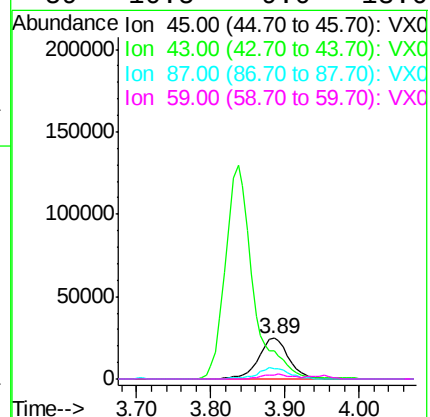
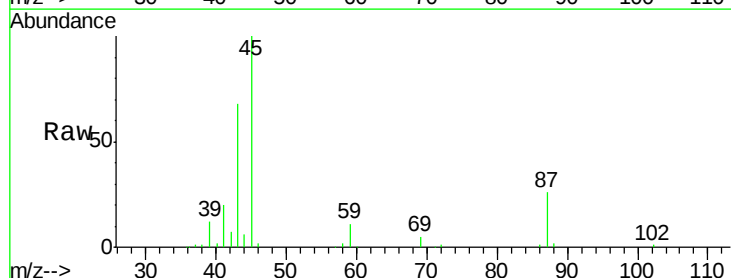
Ion Ratio Lower Upper

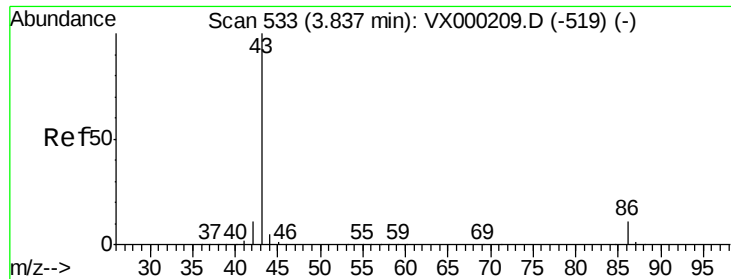
45 100

43 67.7 53.5 80.3

87 25.9 23.3 34.9

59 10.5 9.0 13.6





#23

Vinyl Acetate

Concen: 88.095 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

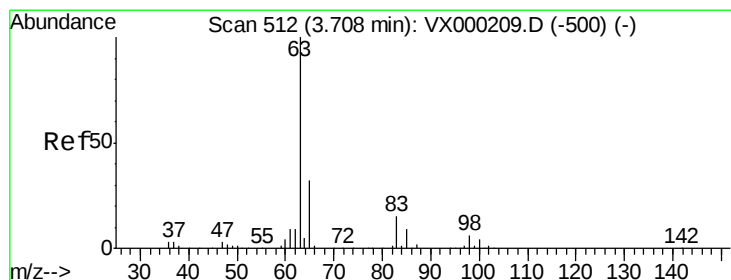
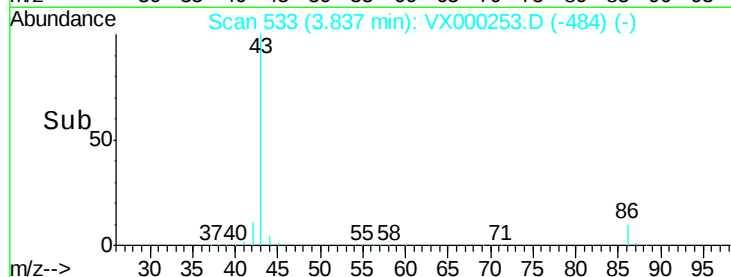
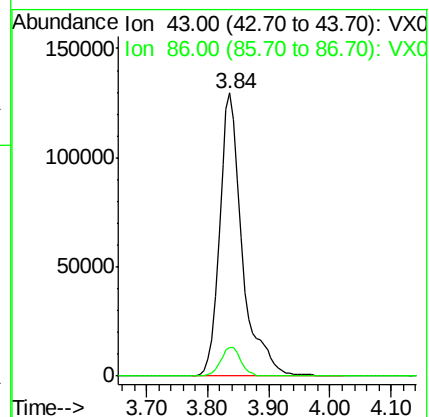
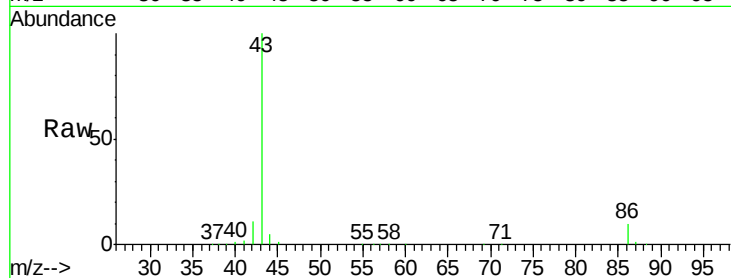
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 336696

Ion Ratio Lower Upper

43 100

86 10.2 8.5 12.7



#24

1,1-Dichloroethane

Concen: 21.723 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

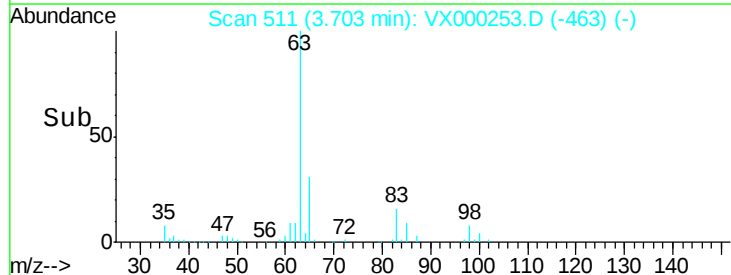
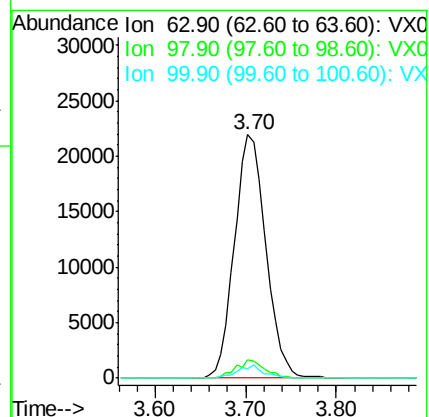
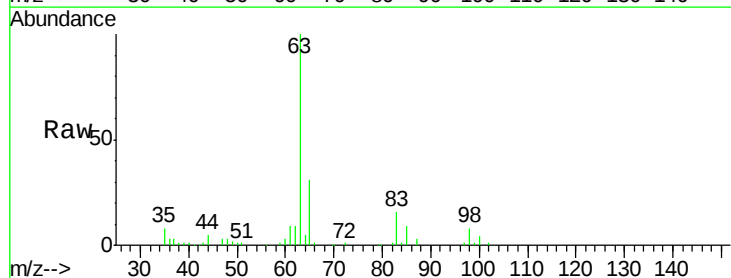
Tgt Ion: 63 Resp: 52811

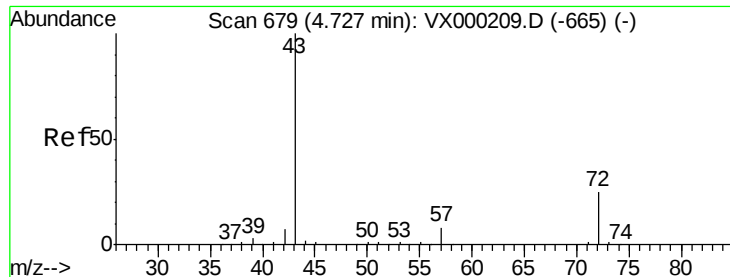
Ion Ratio Lower Upper

63 100

98 7.6 3.1 9.4

100 3.7 2.2 6.6





#25

2-Butanone

Concen: 96.228 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

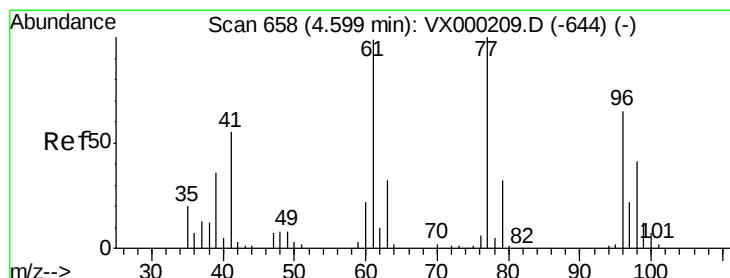
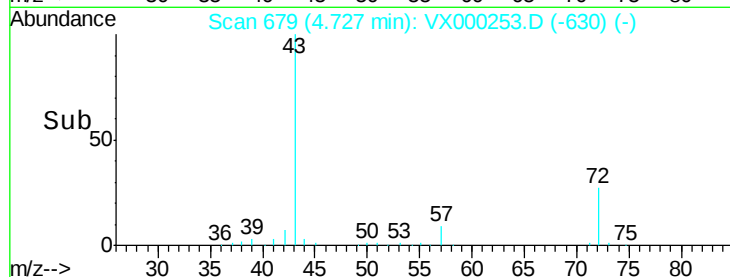
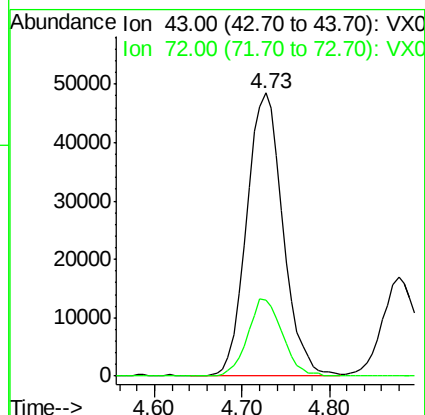
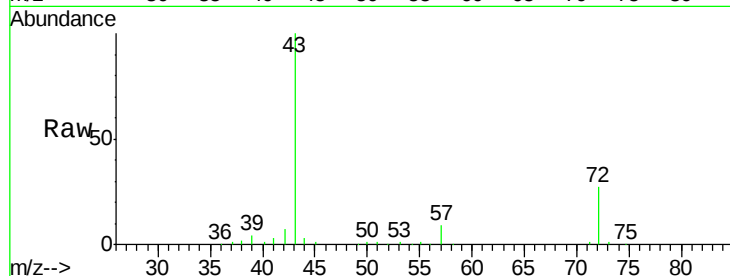
ClientSampled :

Tot Ion: 43 Resp: 140127

Ion Ratio Lower Upper

43 100

72 26.8 20.2 30.2



#26

2,2-Dichloropropane

Concen: 19.789 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000253.D

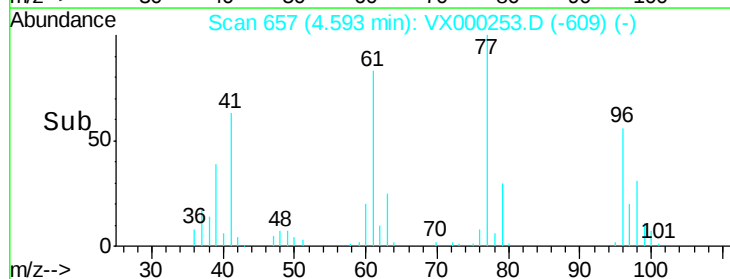
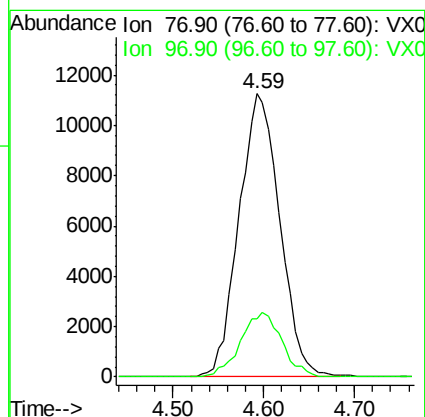
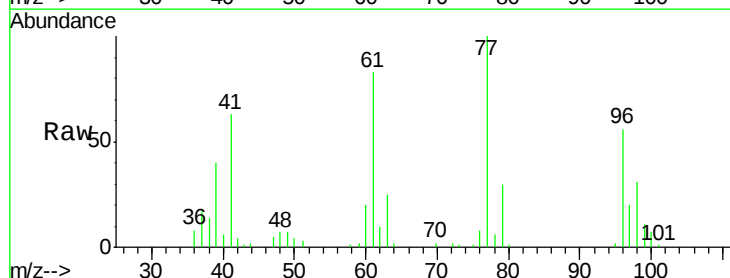
Acq: 09 Mar 2018 13:58

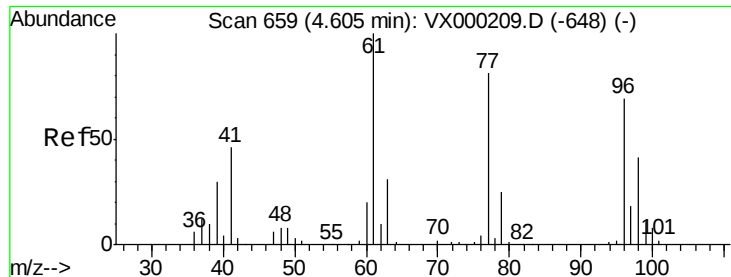
Tgt Ion: 77 Resp: 35164

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1



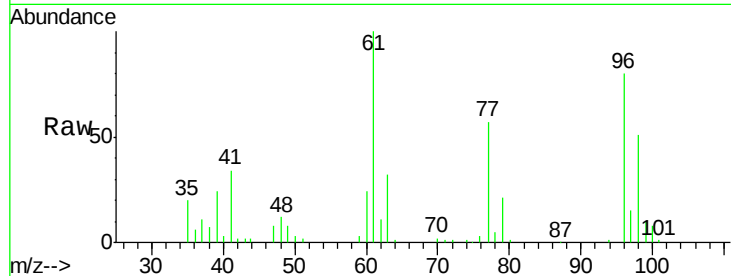


#27

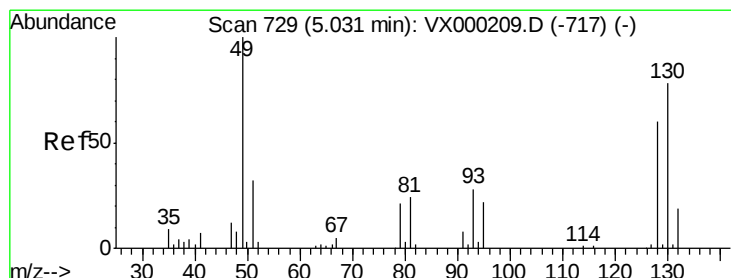
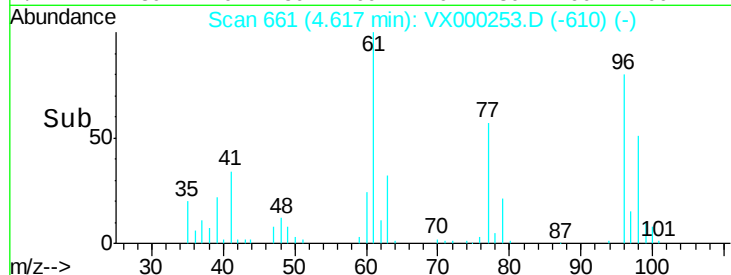
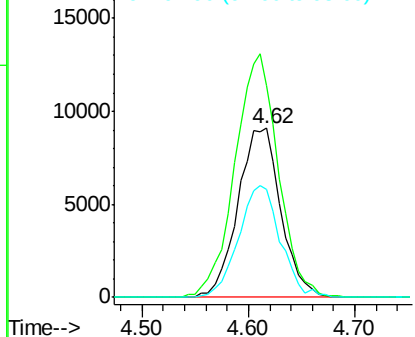
cis-1,2-Dichloroethene
Concen: 19.686 ug/l
RT: 4.62 min Scan# 661
Delta R.T. 0.01 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 25664
Ion Ratio Lower Upper
96 100
61 145.1 0.0 296.4
98 64.4 0.0 130.6



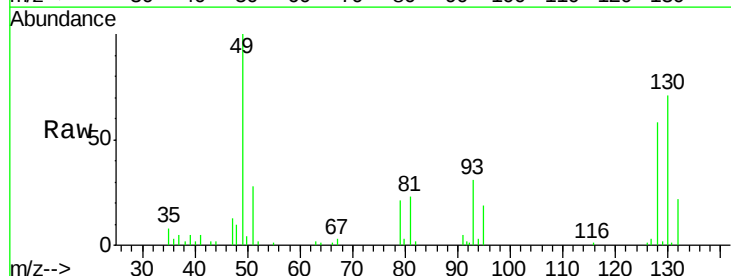
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



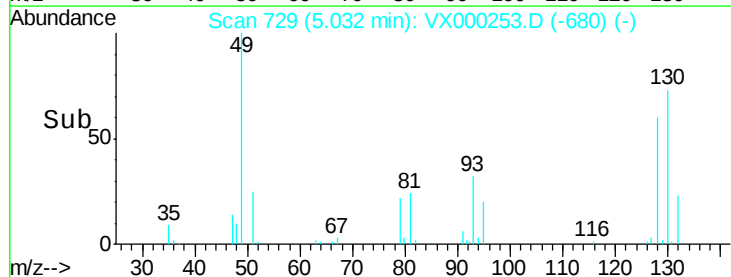
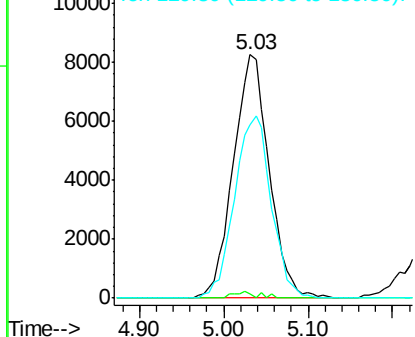
#28

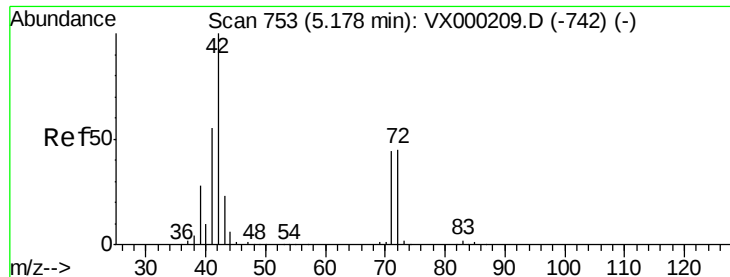
Bromochloromethane
Concen: 23.036 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 49 Resp: 23802
Ion Ratio Lower Upper
49 100
129 1.2 0.0 5.0
130 0.0 63.5 95.3#



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: 96.433 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

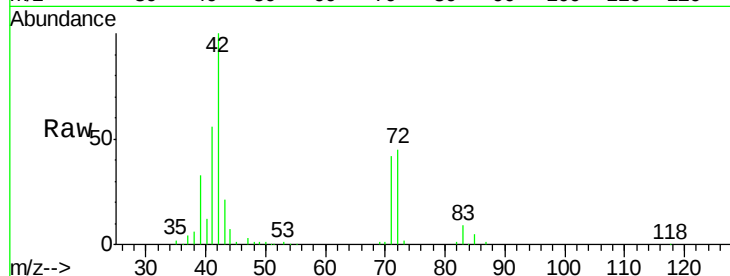
Tot Ion: 42 Resp: 88199

Ion Ratio Lower Upper

42 100

72 45.6 37.3 55.9

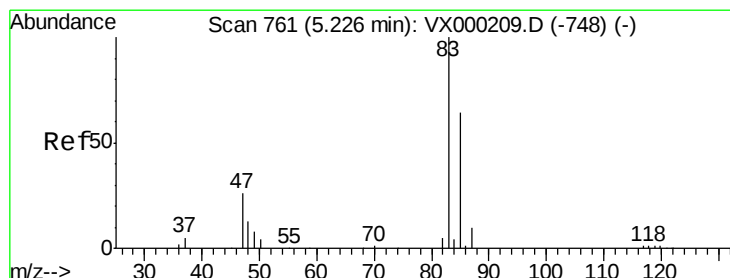
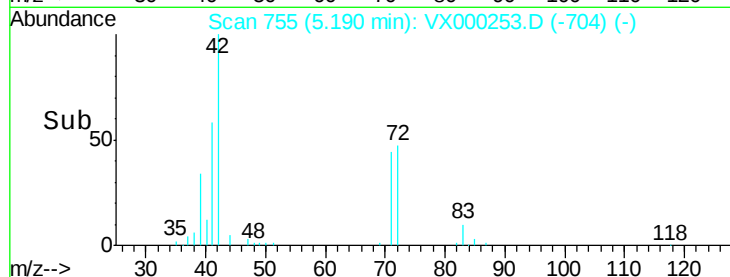
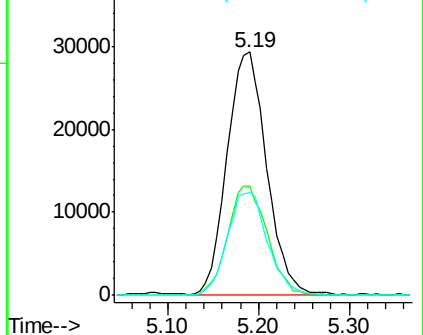
71 43.2 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.634 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000253.D

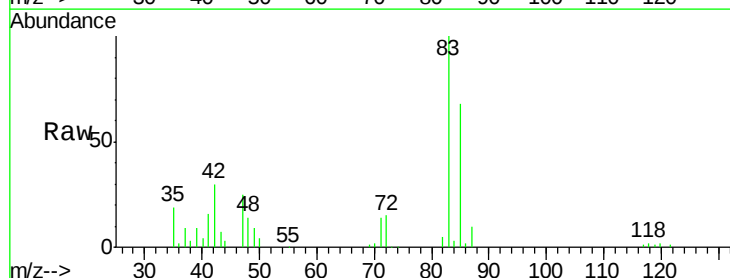
Acq: 09 Mar 2018 13:58

Tgt Ion: 83 Resp: 46149

Ion Ratio Lower Upper

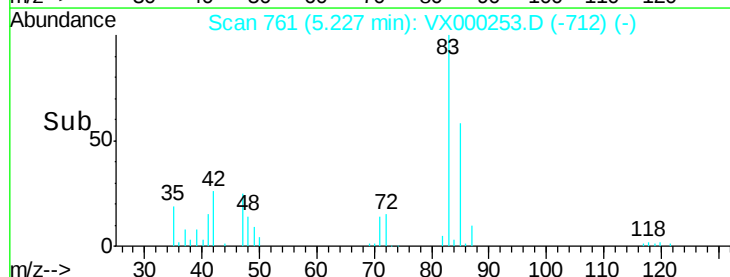
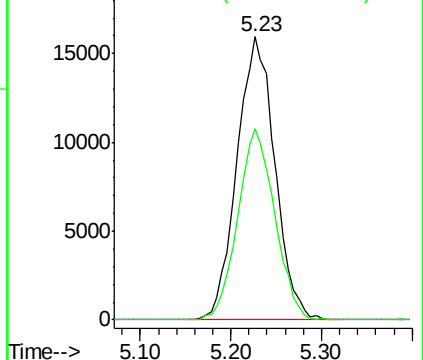
83 100

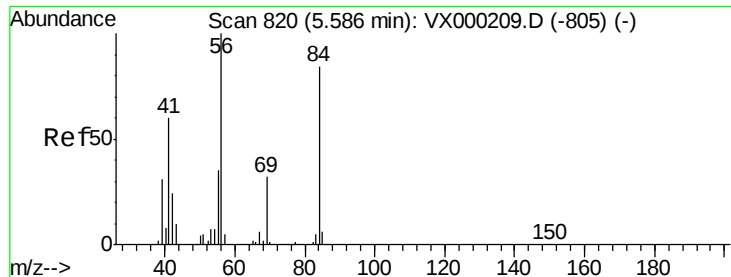
85 67.7 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

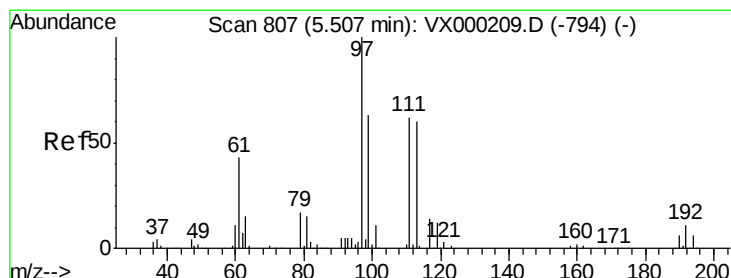
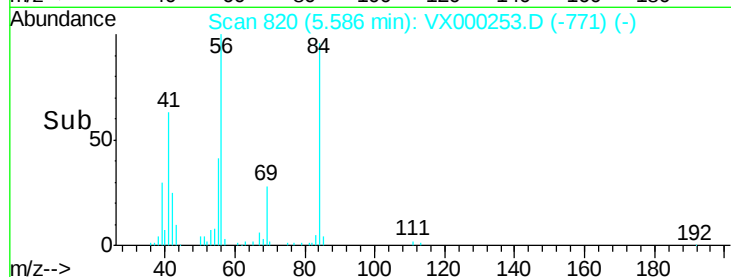
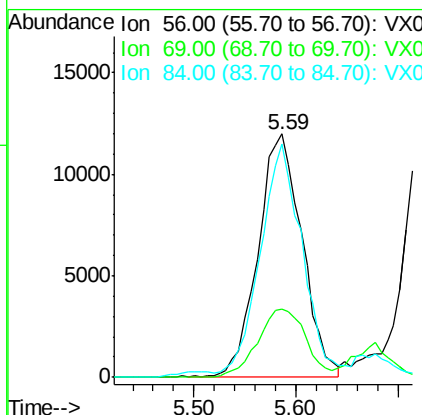
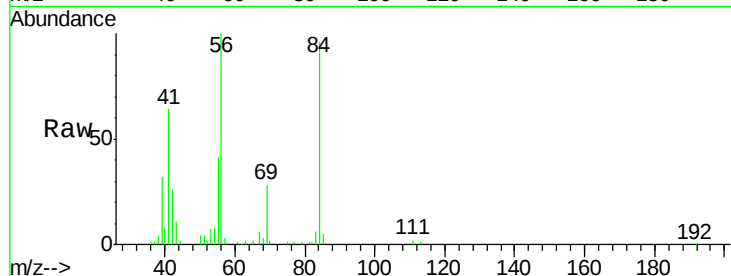




#31
Cyclohexane
Concen: 19.920 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

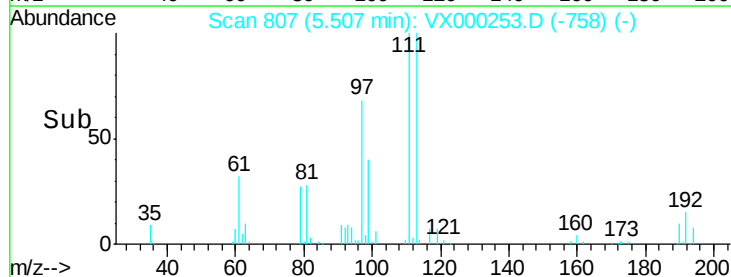
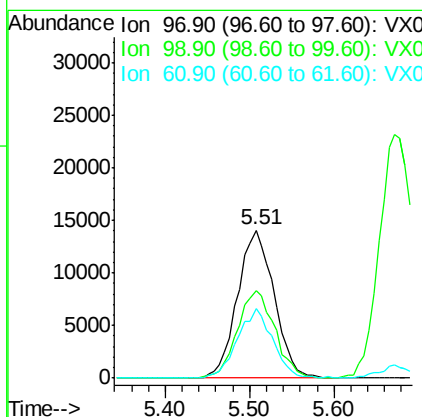
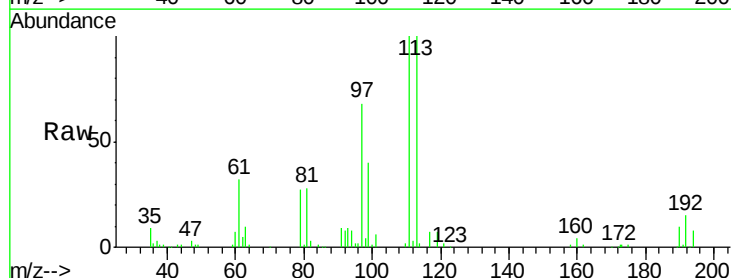
Instrument :
MSVOA_X
ClientSampleId :

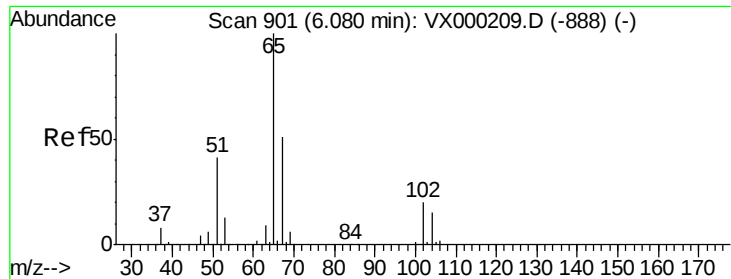
Tot Ion: 56 Resp: 35812
Ion Ratio Lower Upper
56 100
69 28.2 25.3 37.9
84 92.7 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 20.285 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 97 Resp: 41341
Ion Ratio Lower Upper
97 100
99 60.3 50.9 76.3
61 45.4 35.4 53.0

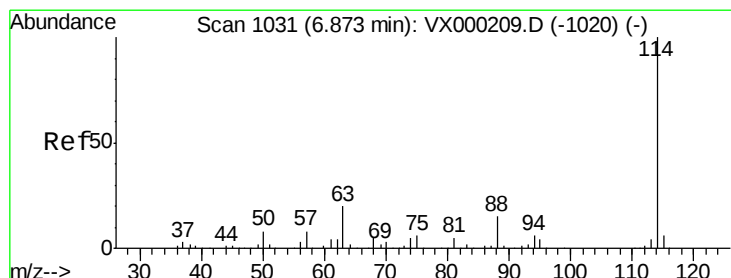
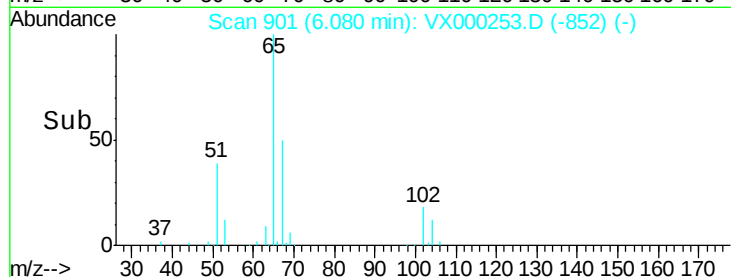
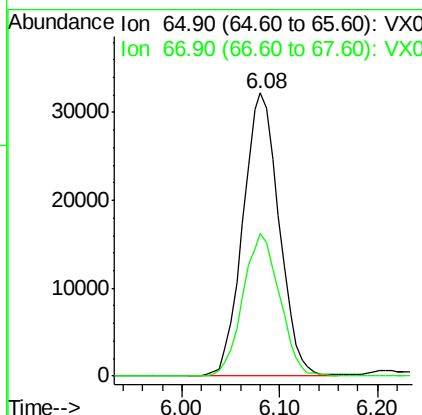
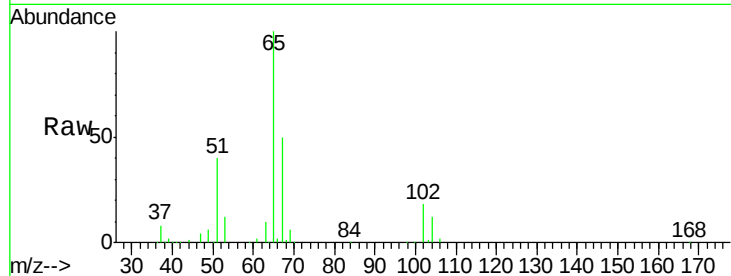




#33
 1,2-Dichloroethane-d4
 Concen: 50.253 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

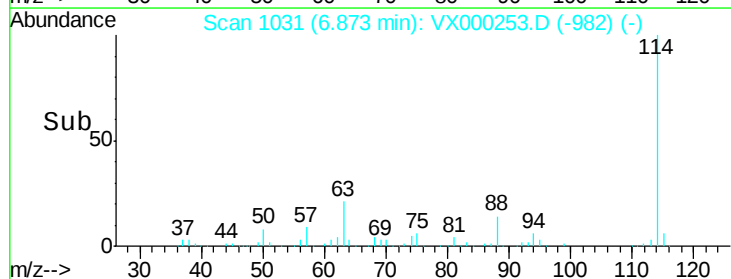
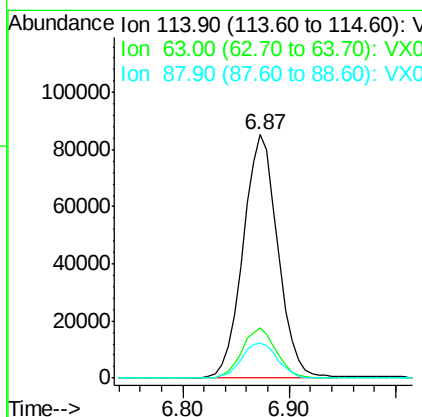
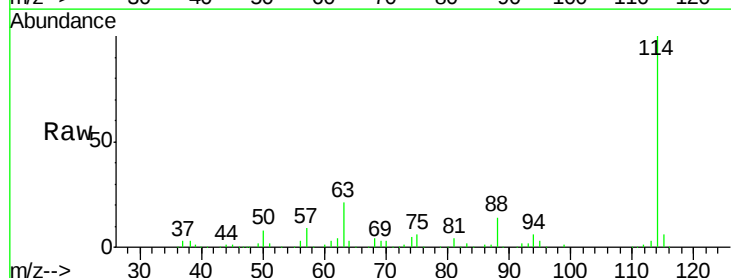
Instrument :
 MSVOA_X
 ClientSampleId :

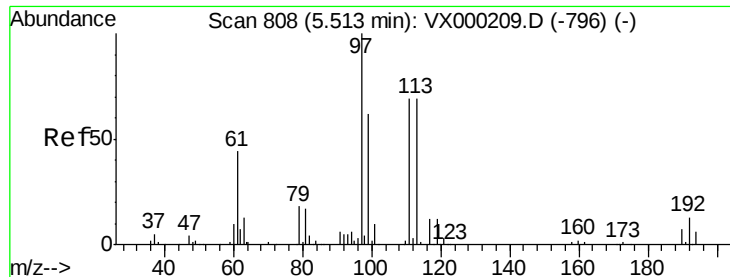
Tot Ion: 65 Resp: 82569
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion: 114 Resp: 195636
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 14.4 0.0 29.8





#35

Dibromofluoromethane

Concen: 51.974 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

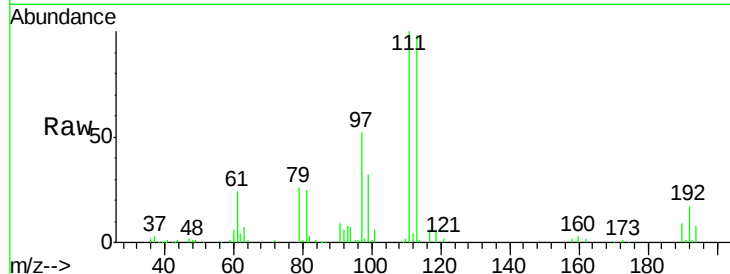
Tot Ion:113 Resp: 63871

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.6

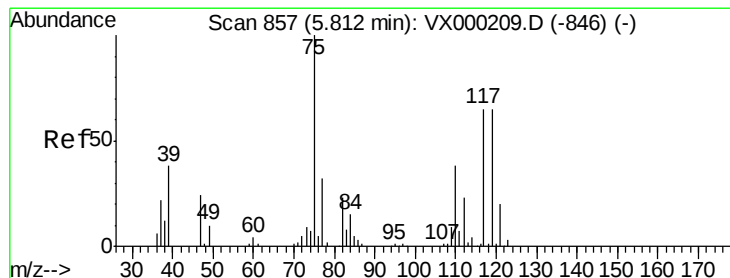
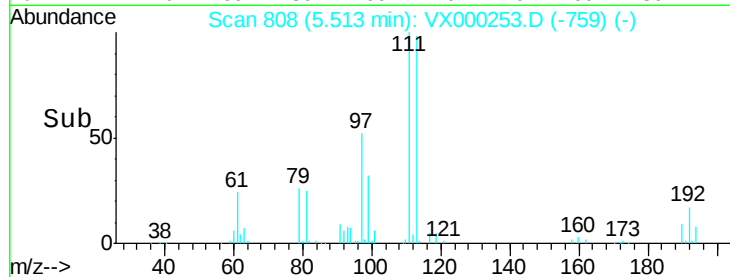
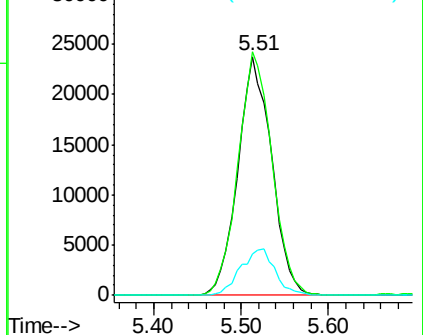
192 19.9 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.151 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

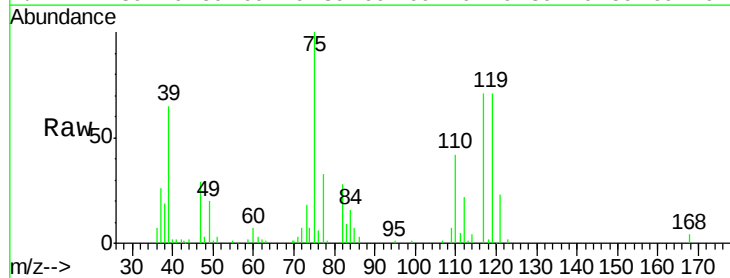
Tgt Ion: 75 Resp: 33337

Ion Ratio Lower Upper

75 100

110 36.1 17.8 53.5

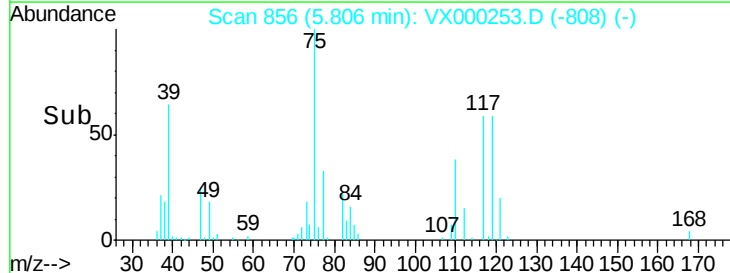
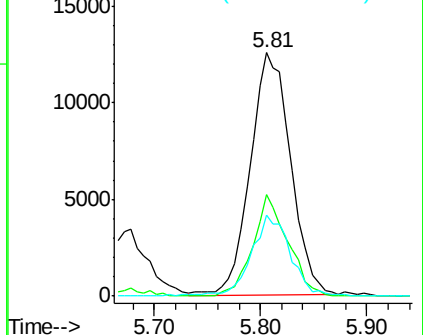
77 31.8 24.9 37.3

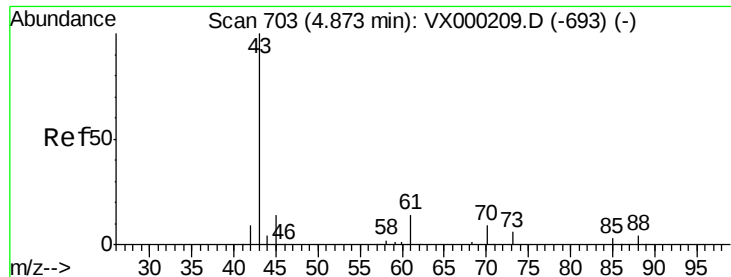


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

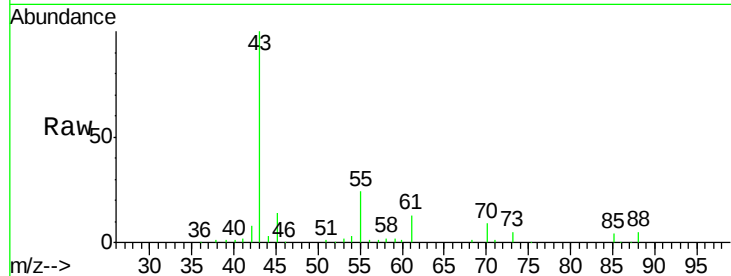




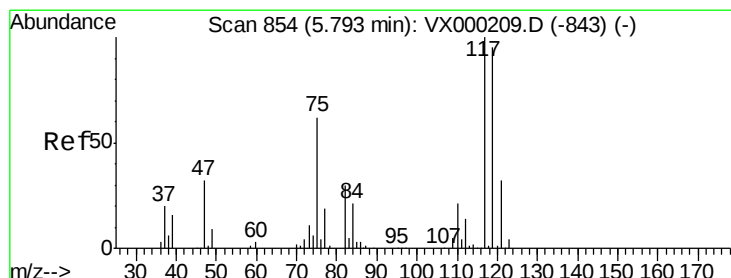
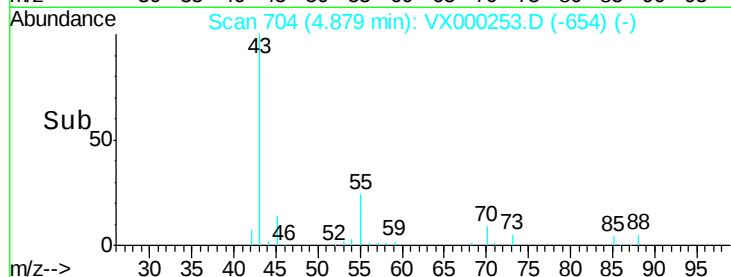
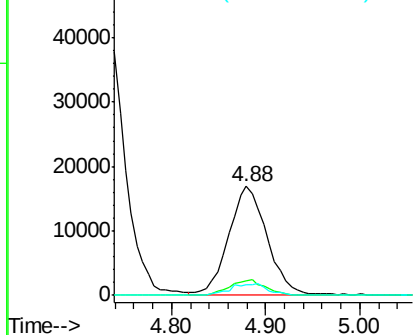
#37
Ethyl Acetate
Concen: 18.938 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 47642
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.6
70 10.2 7.8 11.6

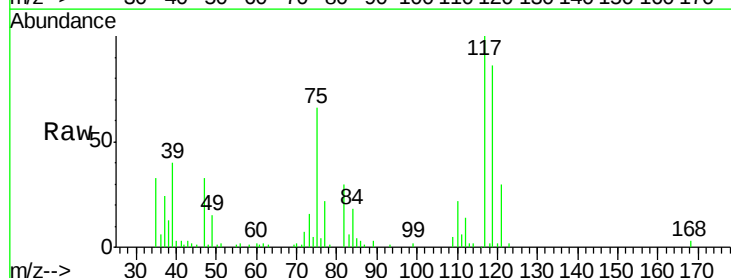


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

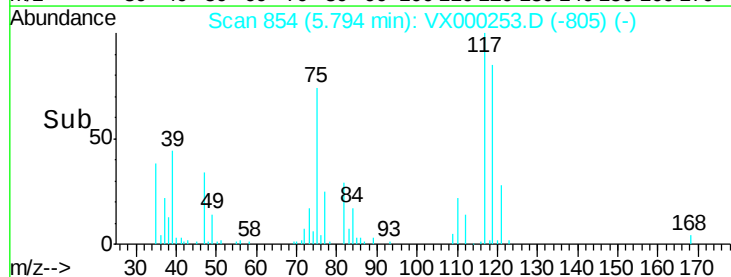
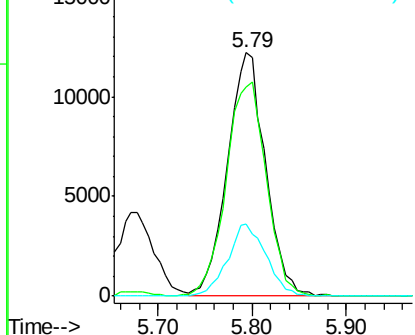


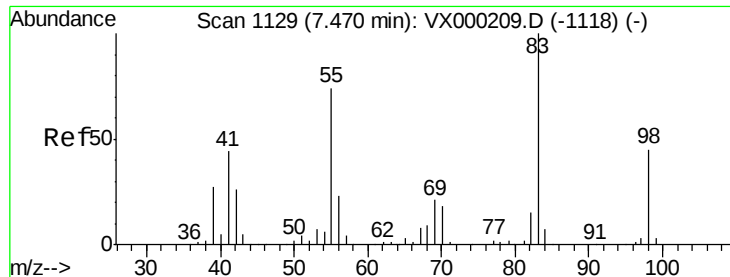
#38
Carbon Tetrachloride
Concen: 19.525 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 117 Resp: 34396
Ion Ratio Lower Upper
117 100
119 86.1 75.9 113.9
121 29.5 25.8 38.6



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

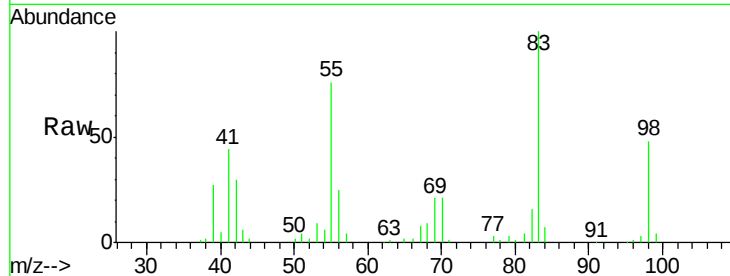




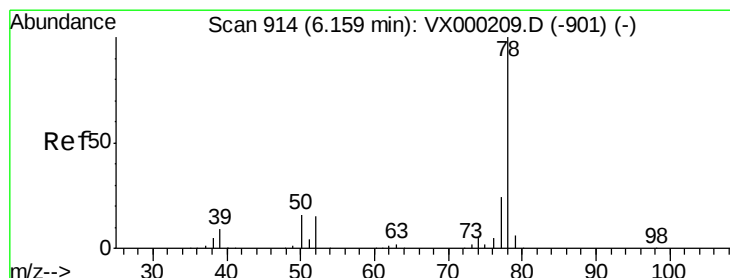
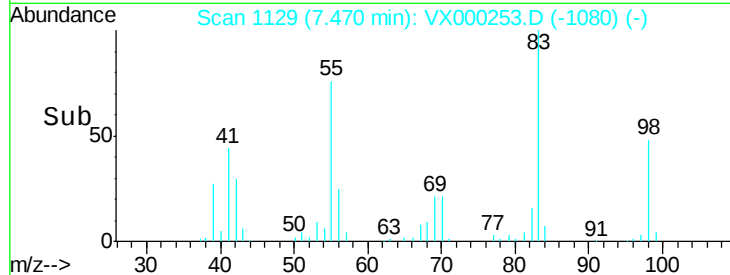
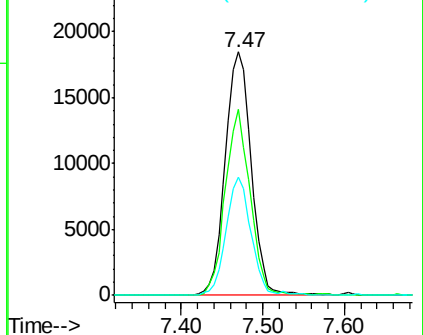
#39
Methvlcvclohexane
Concen: 19.054 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 40698
Ion Ratio Lower Upper
83 100
55 76.5 59.4 89.0
98 48.4 36.3 54.5

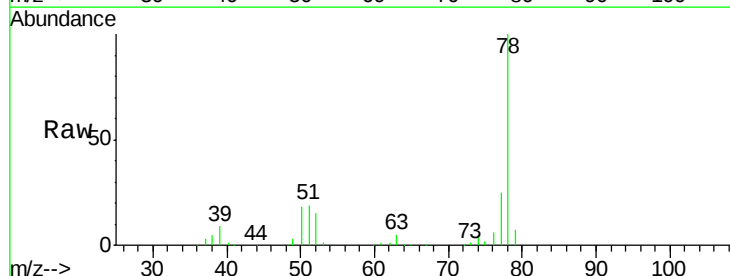


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

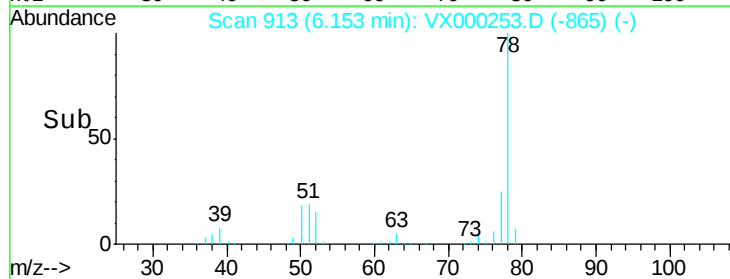
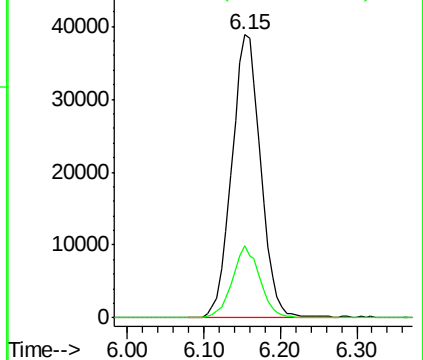


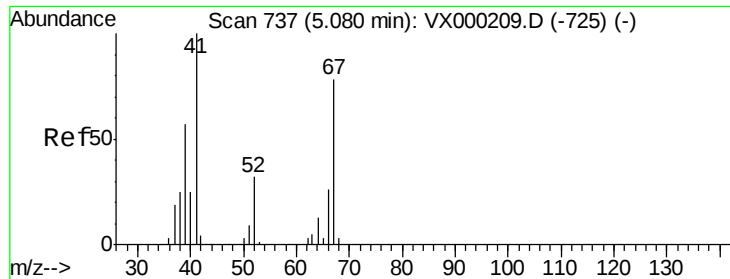
#40
Benzene
Concen: 20.220 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 78 Resp: 101516
Ion Ratio Lower Upper
78 100
77 25.4 19.4 29.2



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

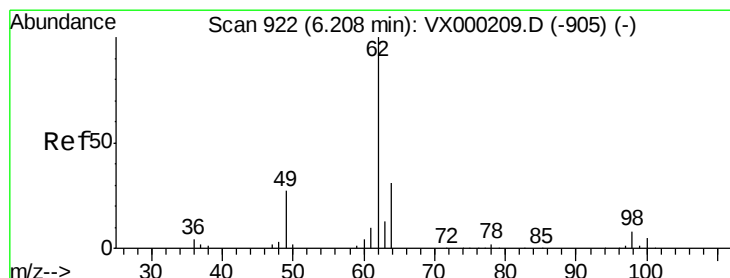
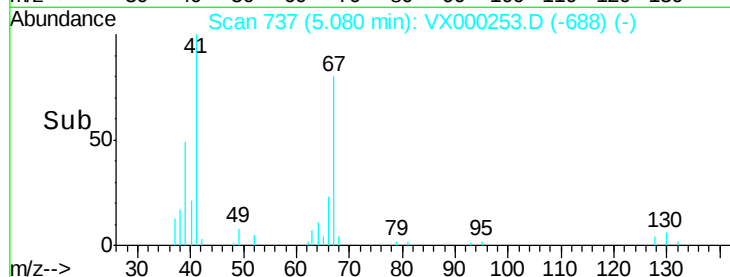
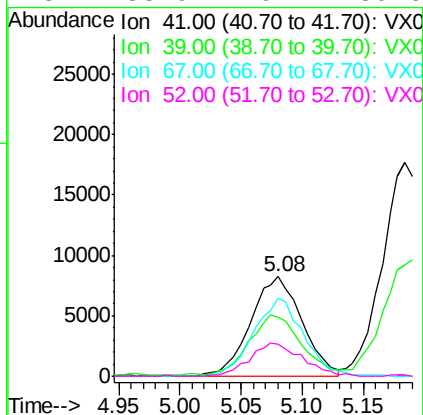
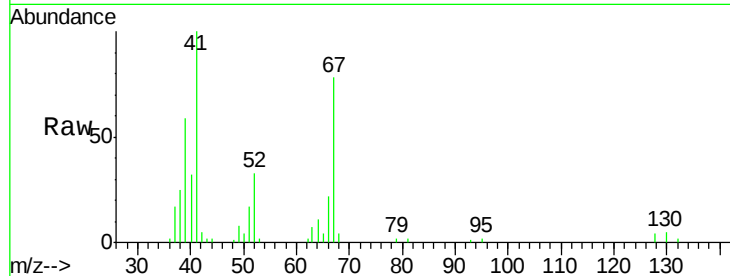




#41
Methacrylonitrile
Concen: 18.772 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

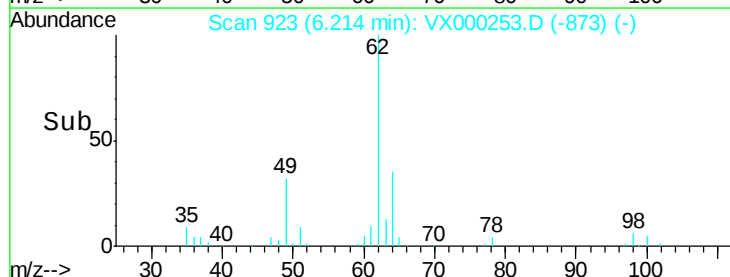
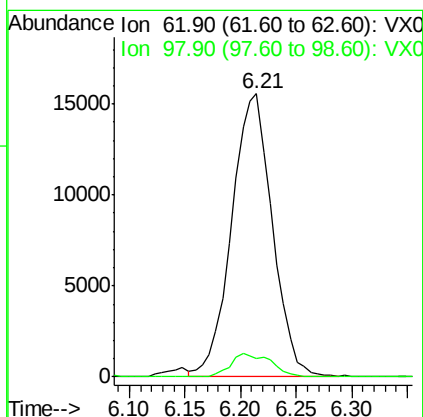
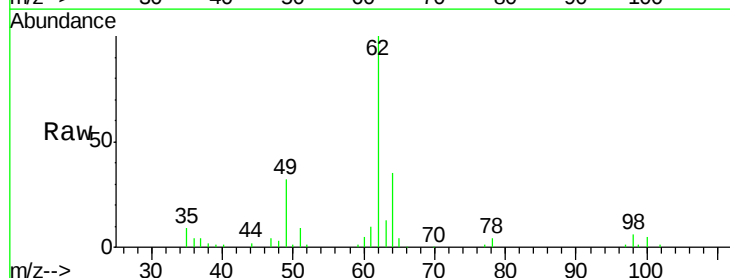
Instrument :
MSVOA_X
ClientSampleId :

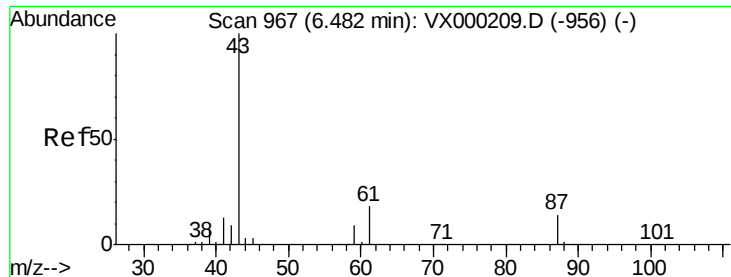
Tot Ion:	41	Resp:	24071
Ion	Ratio	Lower	Upper
41	100		
39	61.1	47.8	71.6
67	75.5	59.3	88.9
52	33.9	26.4	39.6



#42
1,2-Dichloroethane
Concen: 20.029 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion:	62	Resp:	39442
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.2



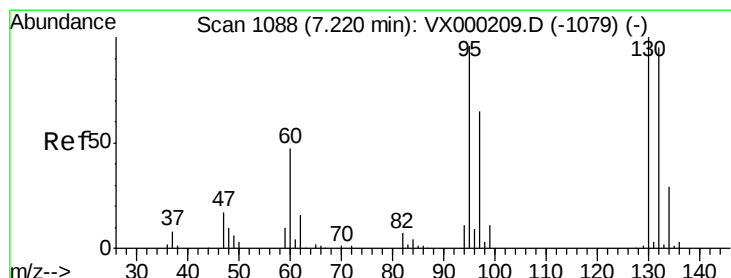
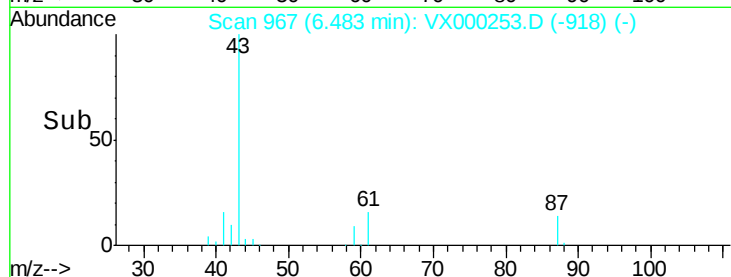
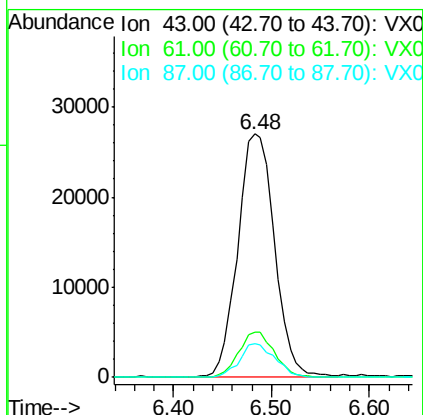
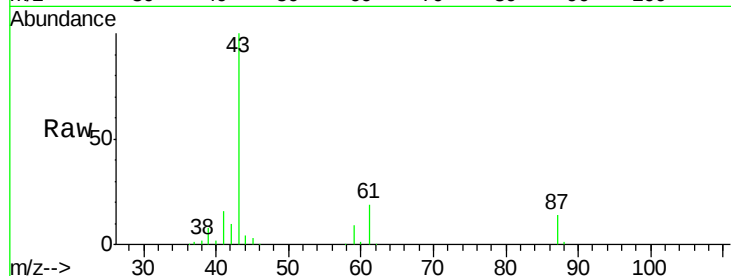


#43

Isopropyl Acetate
 Concen: 19.366 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :

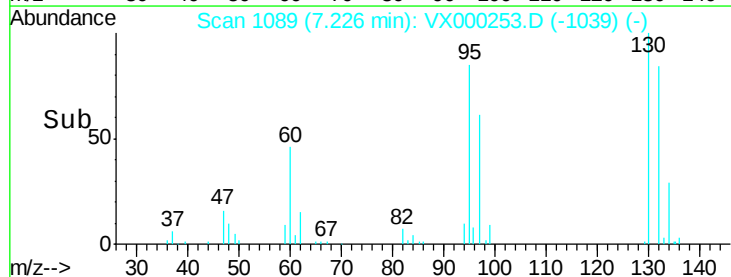
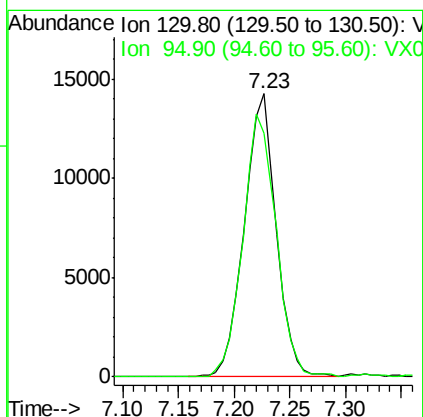
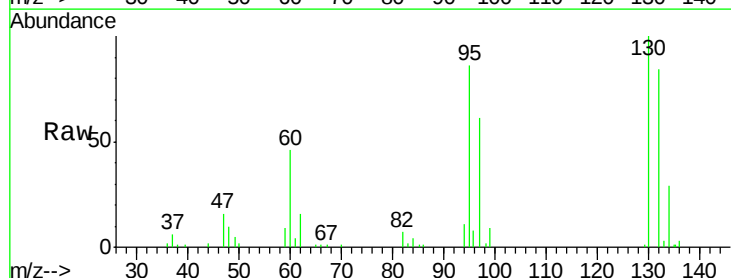
Tot Ion: 43 Resp: 70441
 Ion Ratio Lower Upper
 43 100
 61 18.1 14.8 22.2
 87 13.4 10.6 16.0

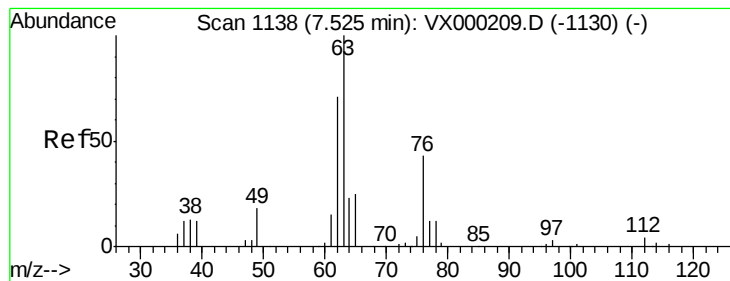


#44

Trichloroethene
 Concen: 19.771 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion:130 Resp: 28411
 Ion Ratio Lower Upper
 130 100
 95 86.1 0.0 191.8





#45

1,2-Dichloropropane

Concen: 20.120 ug/l

RT: 7.53 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

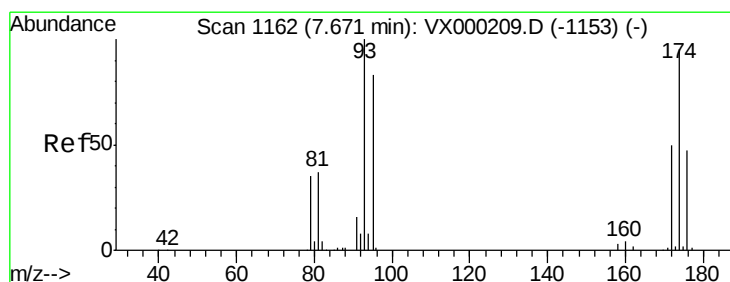
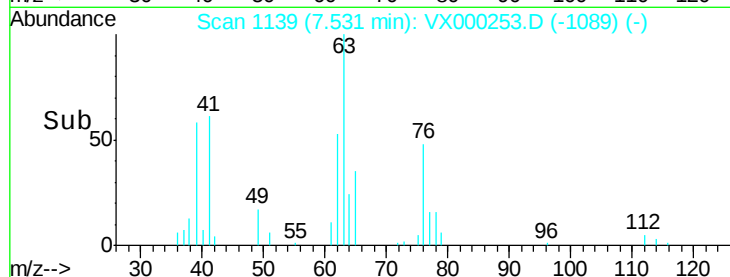
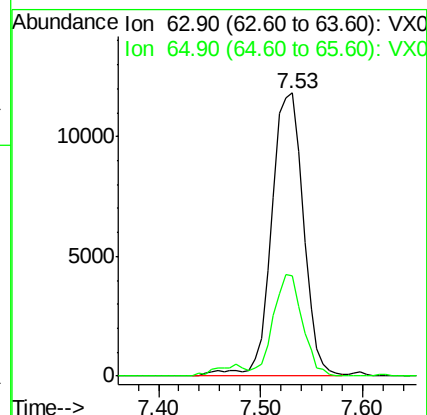
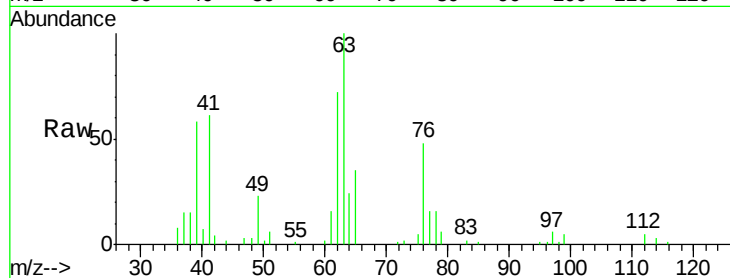
ClientSampleId :

Tot Ion: 63 Resp: 25585

Ion Ratio Lower Upper

63 100

65 35.4 22.3 33.5#



#46

Dibromomethane

Concen: 19.930 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

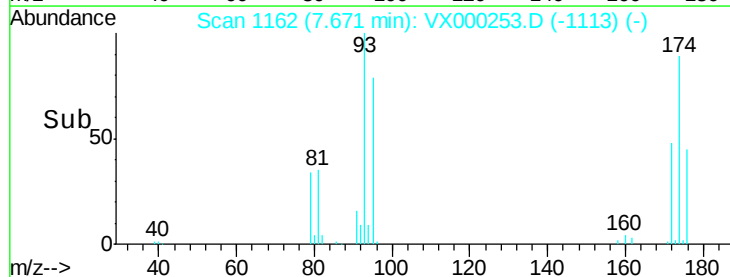
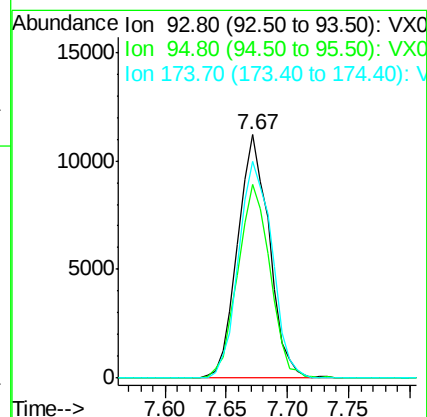
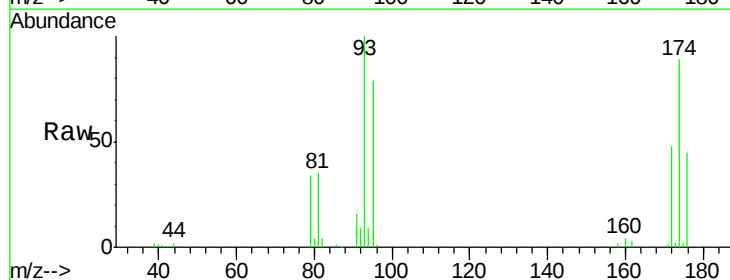
Tgt Ion: 93 Resp: 20050

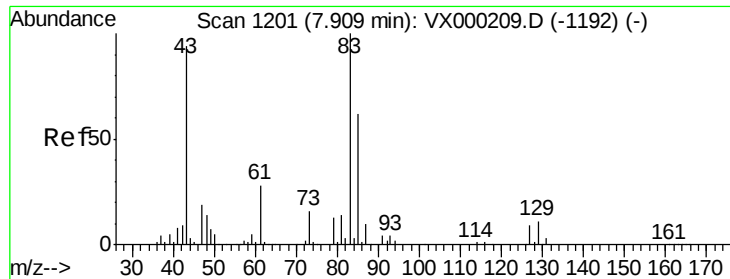
Ion Ratio Lower Upper

93 100

95 81.1 64.1 96.1

174 94.1 75.8 113.8





#47

Bromodichloromethane

Concen: 19.641 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampled :

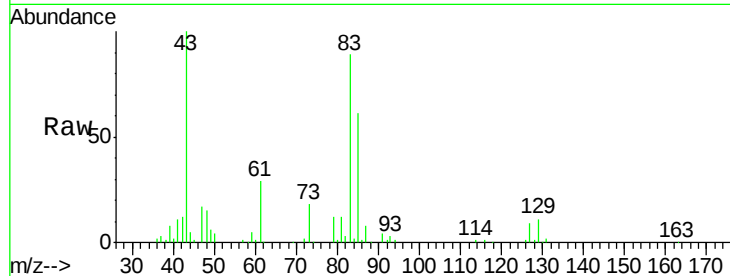
Tot Ion: 83 Resp: 34757

Ion Ratio Lower Upper

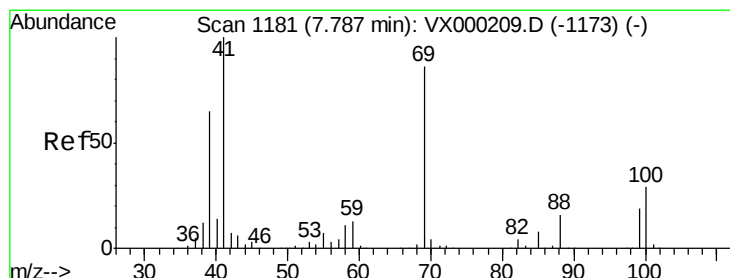
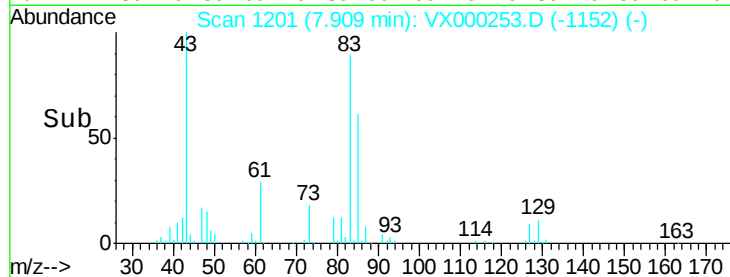
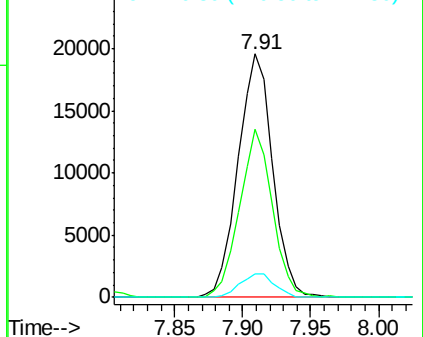
83 100

85 69.0 49.6 74.4

127 9.7 7.0 10.4



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: 19.661 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

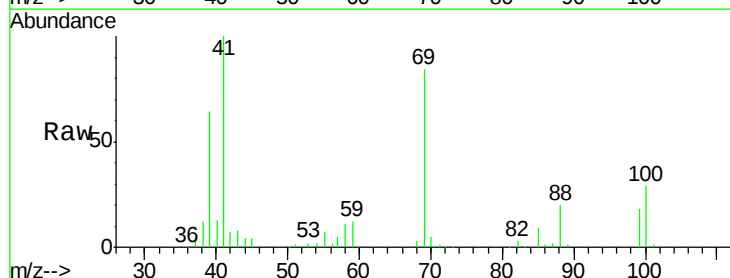
Tgt Ion: 41 Resp: 35224

Ion Ratio Lower Upper

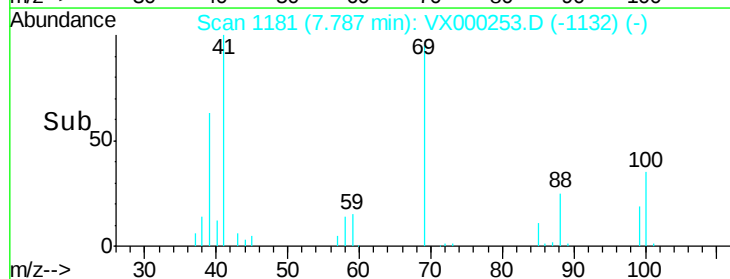
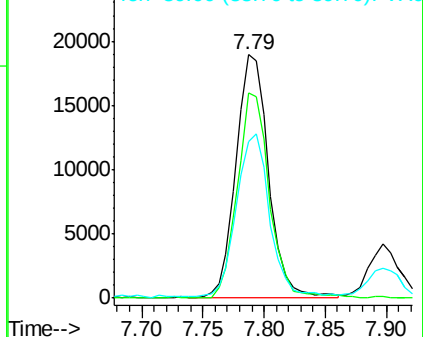
41 100

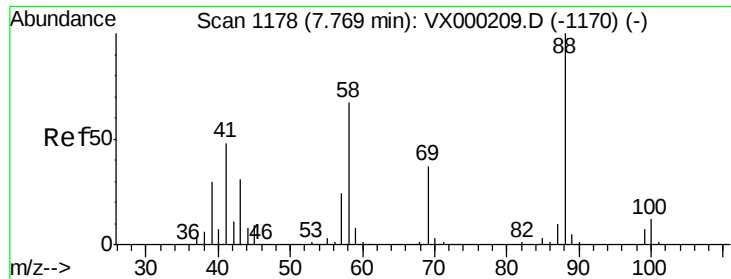
69 82.5 70.0 105.0

39 67.7 53.6 80.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

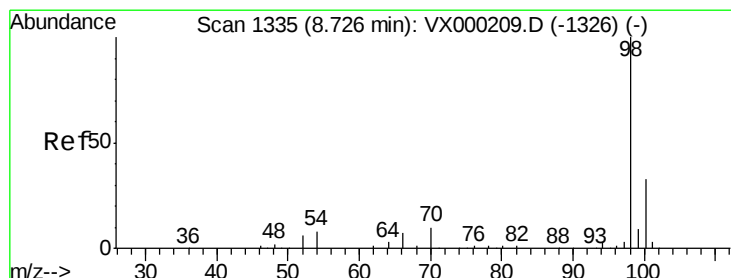
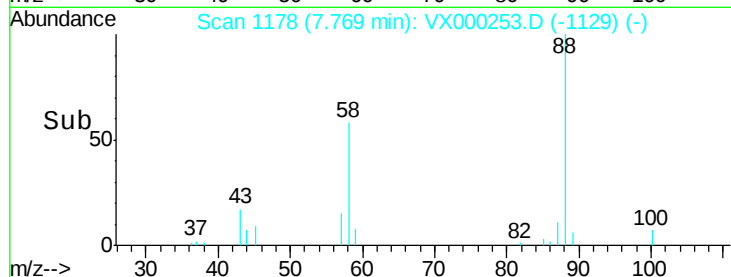
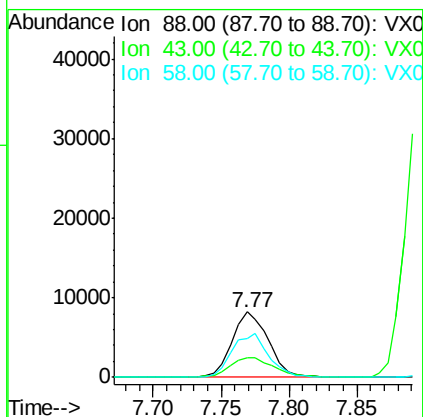
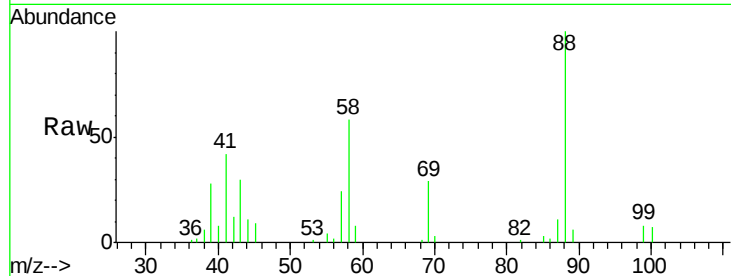




#49
1,4-Dioxane
Concen: 374.997 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

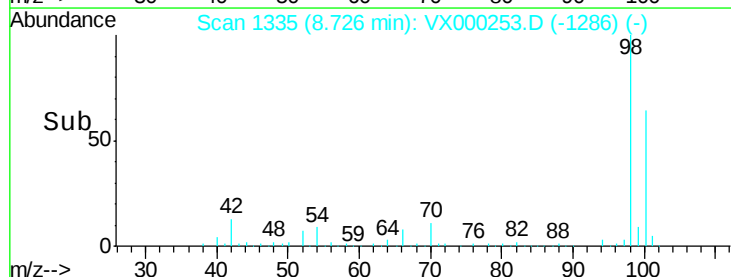
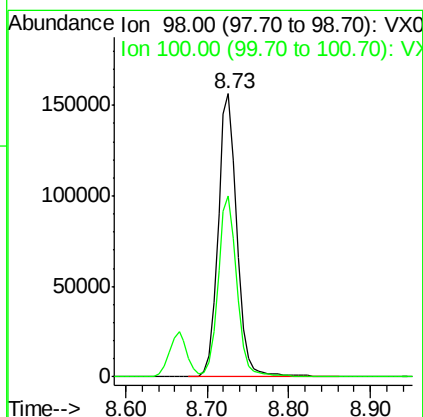
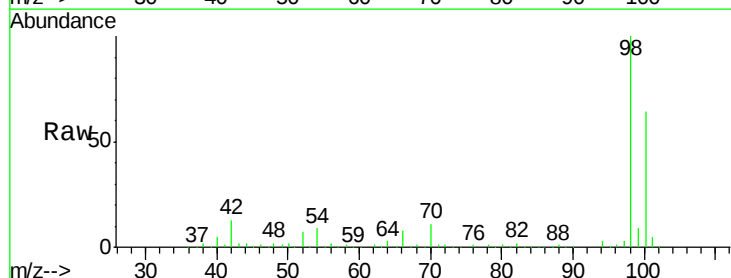
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 15251
Ion Ratio Lower Upper
88 100
43 36.5 26.9 40.3
58 67.6 52.2 78.4



#50
Toluene-d8
Concen: 49.604 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 98 Resp: 252476
Ion Ratio Lower Upper
98 100
100 62.7 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 100.494 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

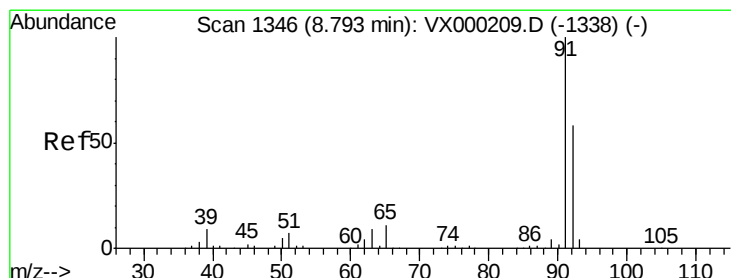
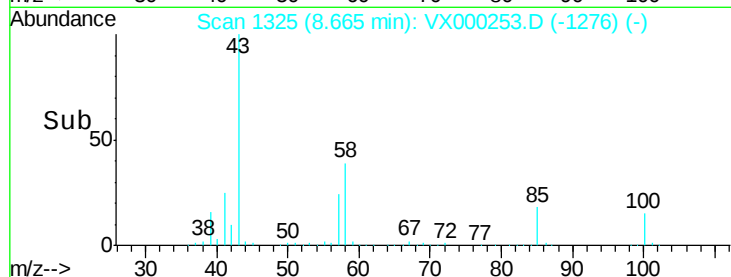
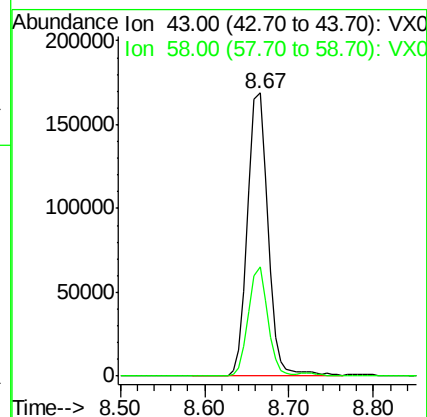
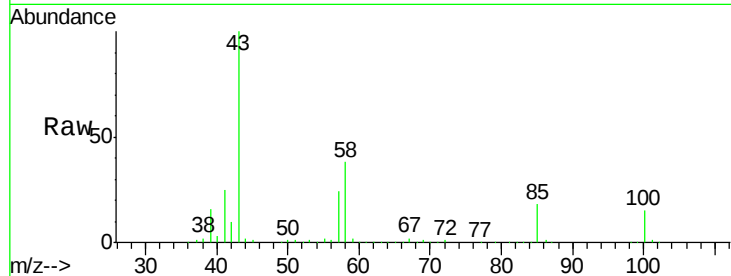
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 275886

Ion Ratio Lower Upper

43 100

58 36.2 30.2 45.2



#52

Toluene

Concen: 19.784 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000253.D

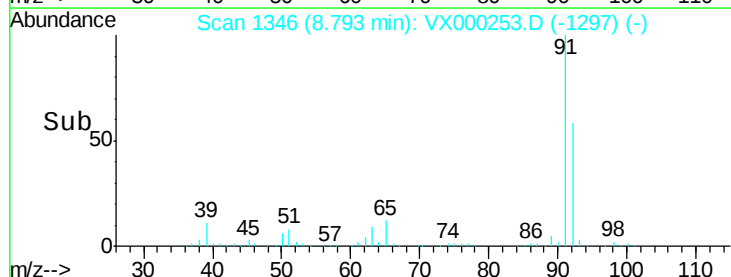
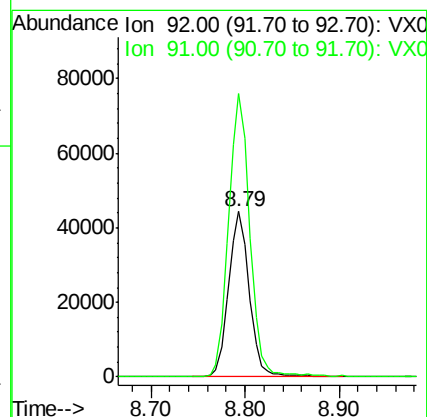
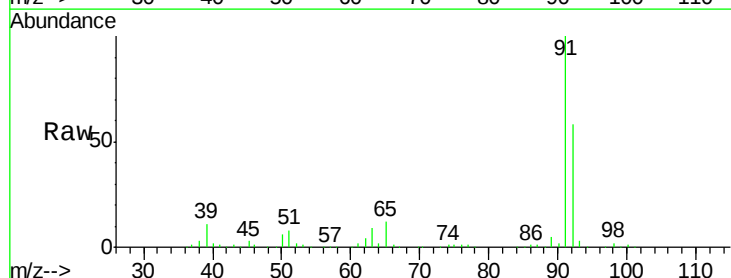
Acq: 09 Mar 2018 13:58

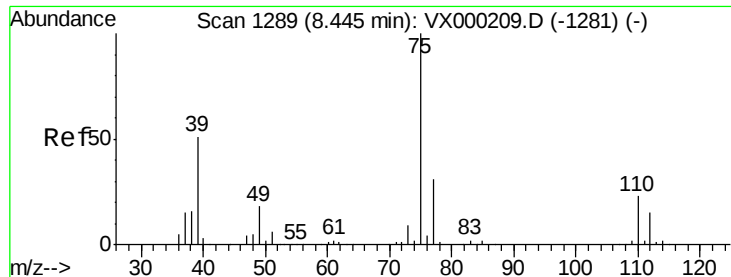
Tgt Ion: 92 Resp: 68074

Ion Ratio Lower Upper

92 100

91 175.0 139.0 208.6

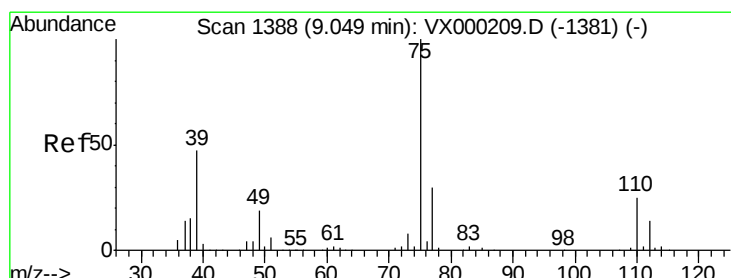
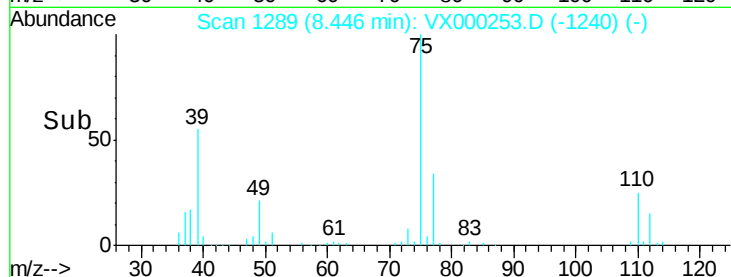
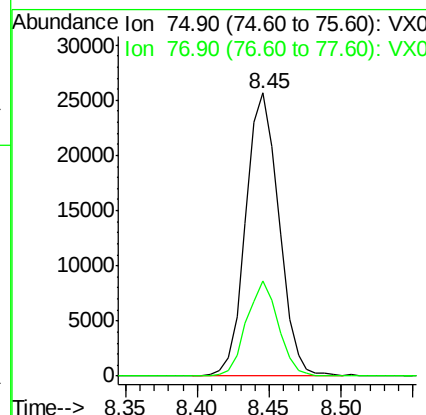
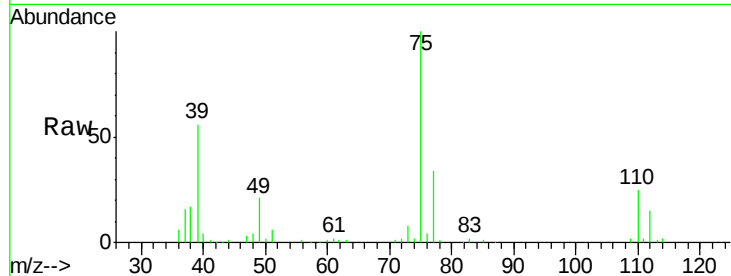




#53
 t-1,3-Dichloropropene
 Concen: 19.666 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

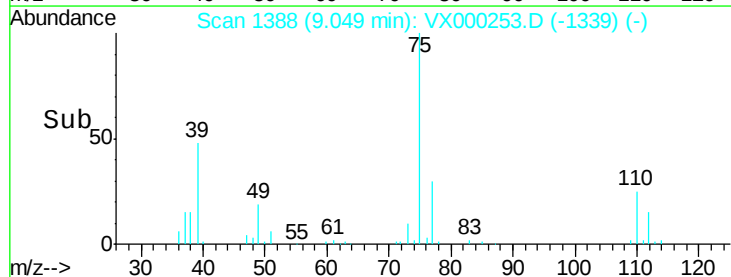
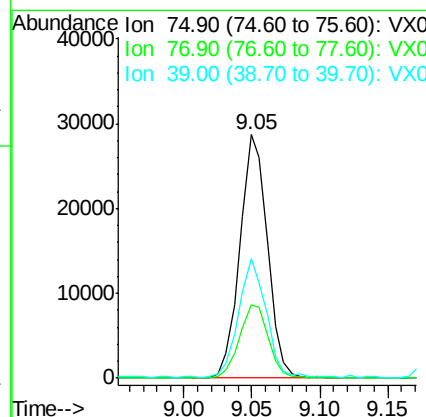
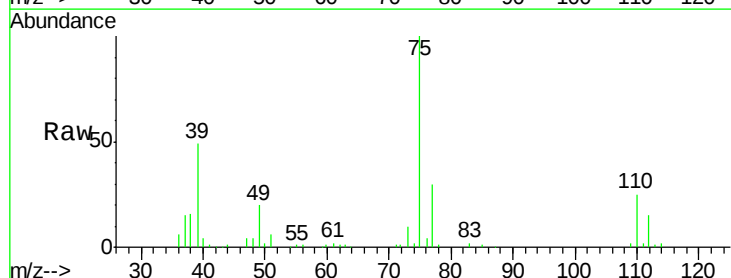
Instrument :
 MSVOA_X
 ClientSampleId :

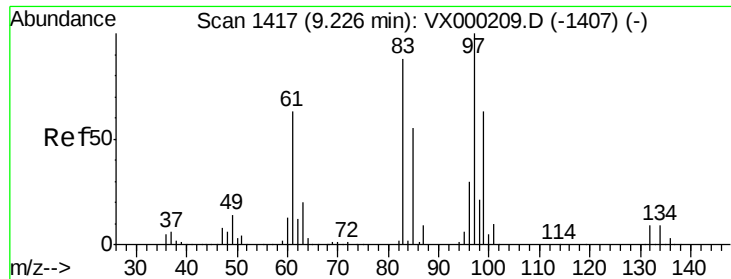
Tot Ion: 75 Resp: 41010
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.026 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion: 75 Resp: 40401
 Ion Ratio Lower Upper
 75 100
 77 30.1 23.9 35.9
 39 48.5 37.4 56.2

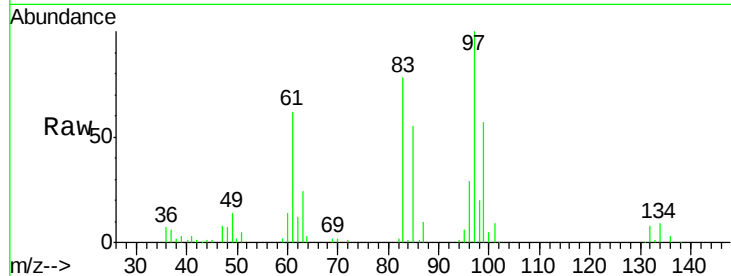




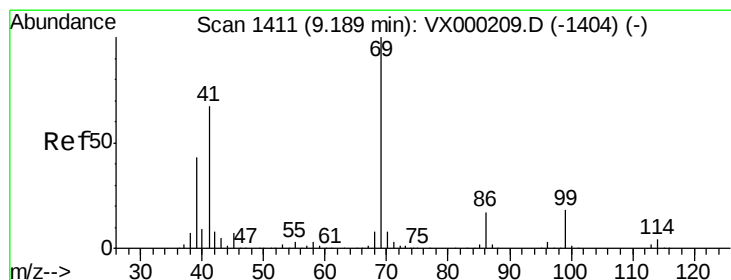
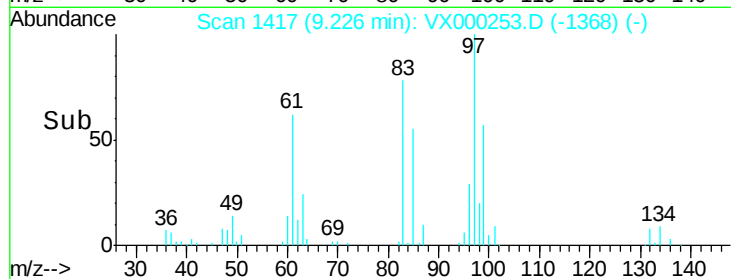
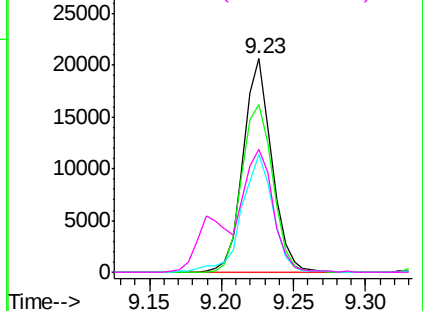
#55
 1,1,2-Trichloroethane
 Concen: 20.404 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	28436
Ion	Ratio	Lower	Upper
97	100		
83	78.5	70.4	105.6
85	55.0	43.9	65.9
99	57.3	50.5	75.7

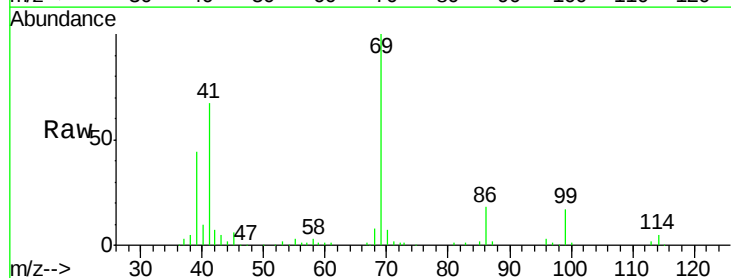


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

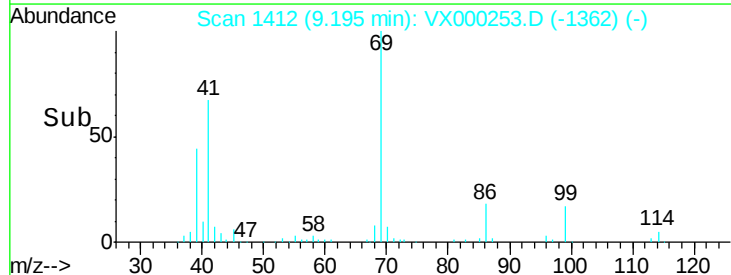
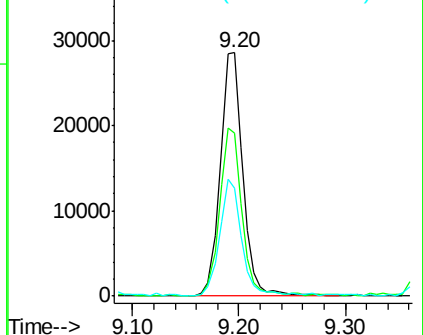


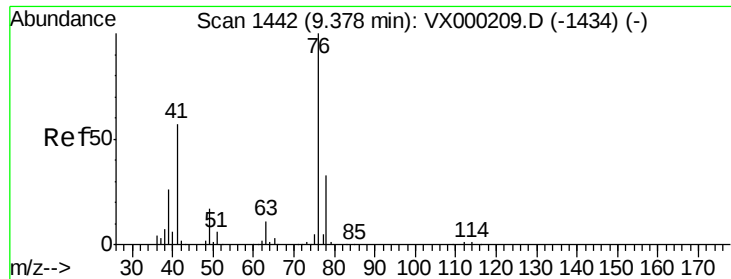
#56
 Ethyl methacrylate
 Concen: 20.291 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion:	69	Resp:	42320
Ion	Ratio	Lower	Upper
69	100		
41	68.4	52.2	78.2
39	46.8	34.3	51.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.063 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

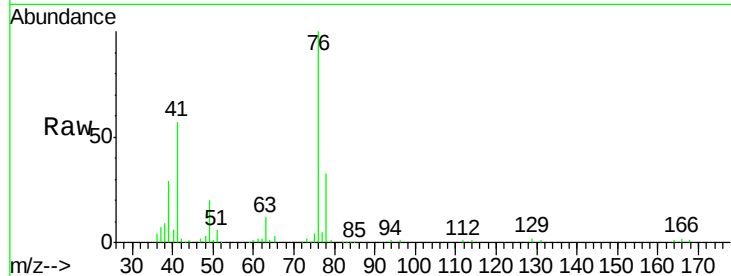
ClientSampleId :

Tot Ion: 76 Resp: 46952

Ion Ratio Lower Upper

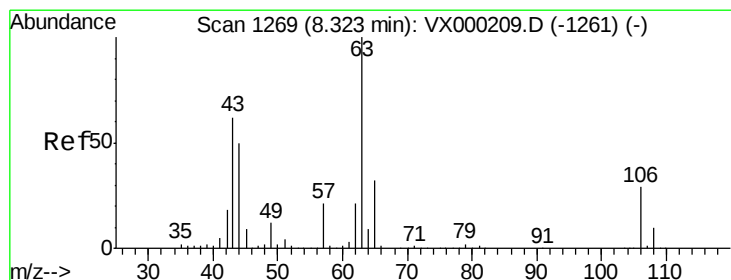
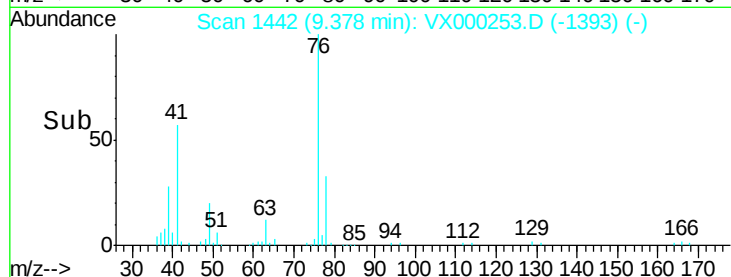
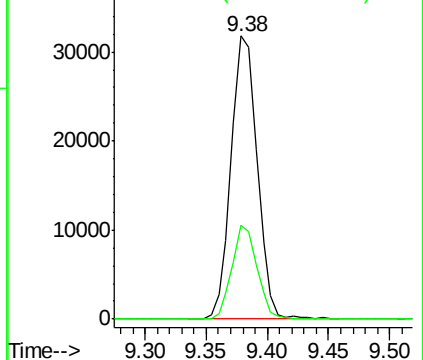
76 100

78 31.8 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 108.834 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000253.D

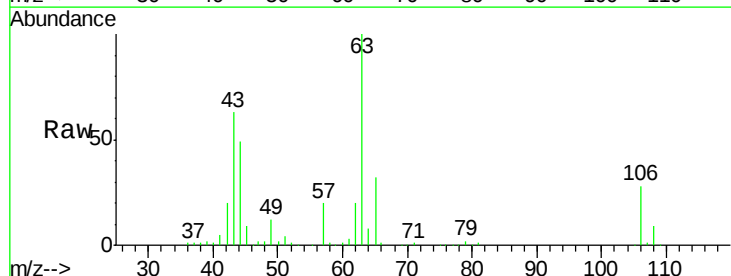
Acq: 09 Mar 2018 13:58

Tgt Ion: 63 Resp: 114604

Ion Ratio Lower Upper

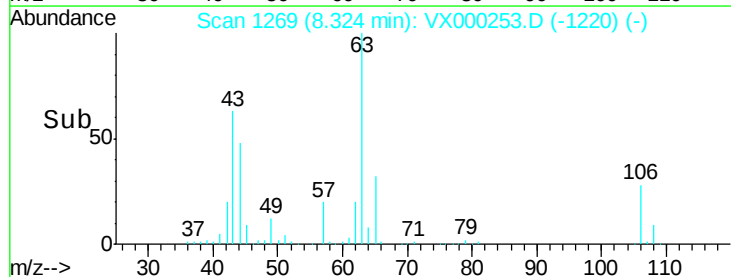
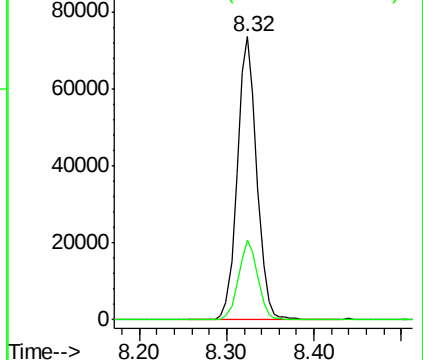
63 100

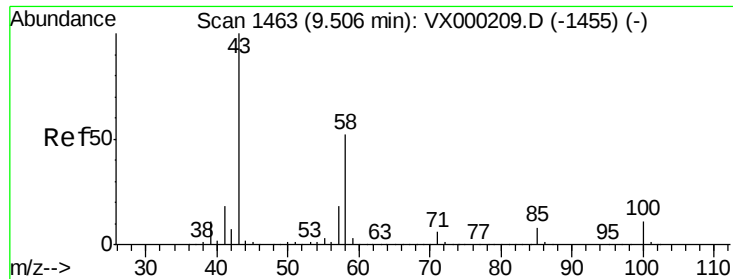
106 28.0 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

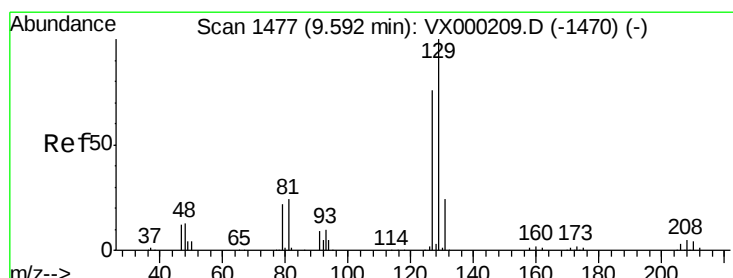
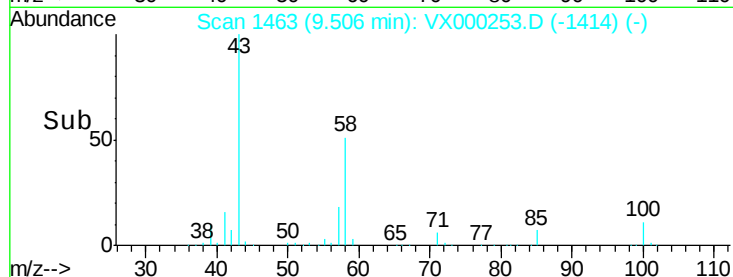
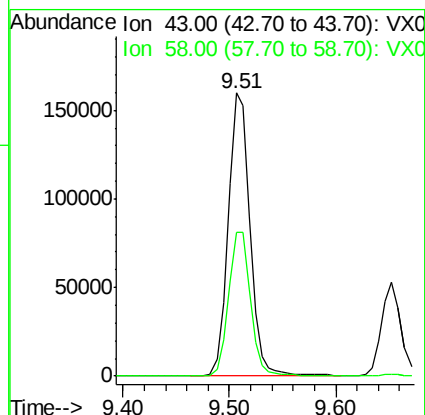
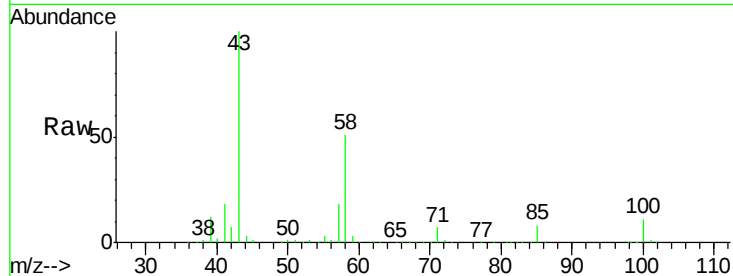




#59
2-Hexanone
Concen: 98.300 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

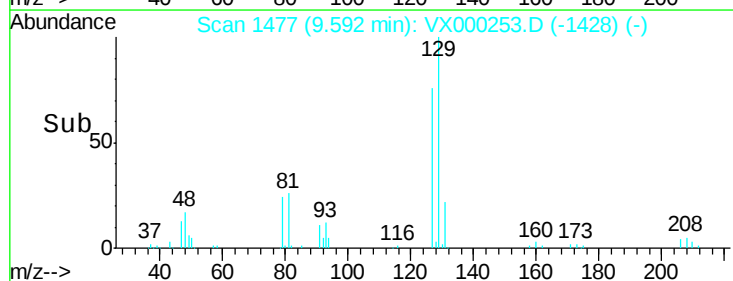
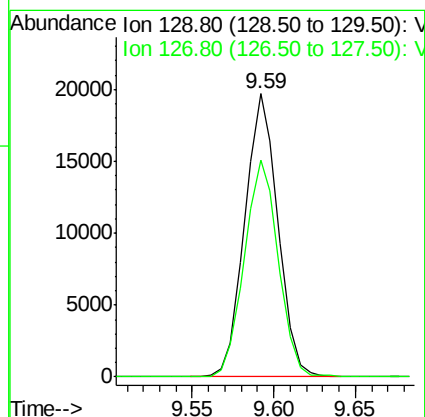
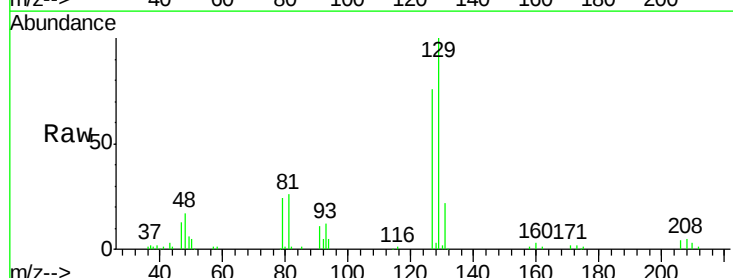
Instrument :
MSVOA_X
ClientSampleId :

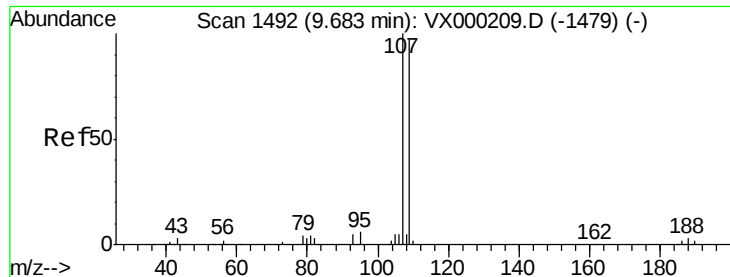
Tot Ion: 43 Resp: 230105
Ion Ratio Lower Upper
43 100
58 51.6 26.6 79.7



#60
Dibromochloromethane
Concen: 18.943 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 129 Resp: 27836
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2

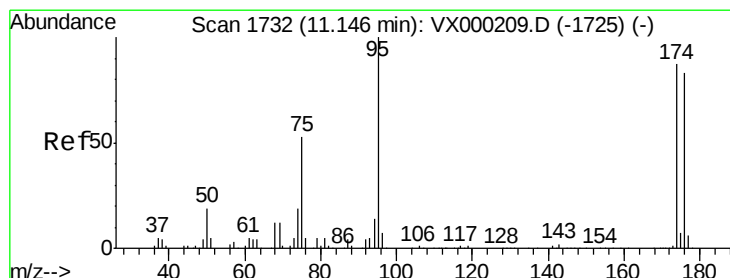
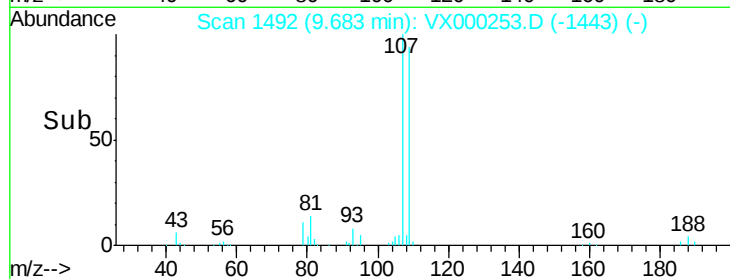
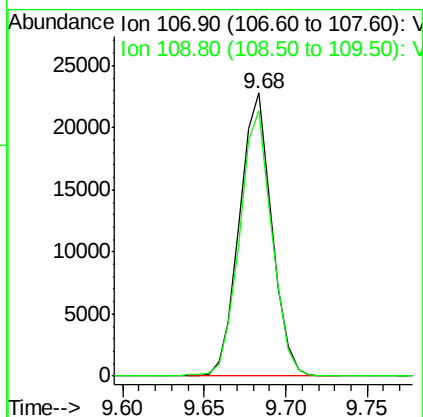
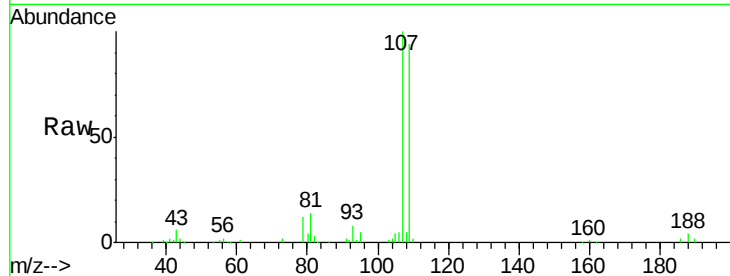




#61
 1,2-Dibromoethane
 Concen: 20.376 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

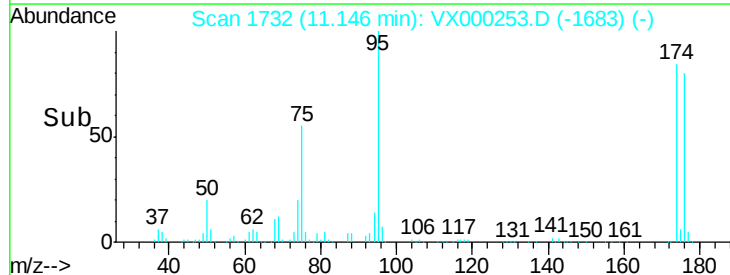
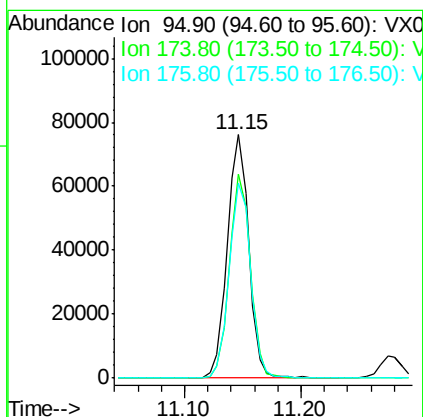
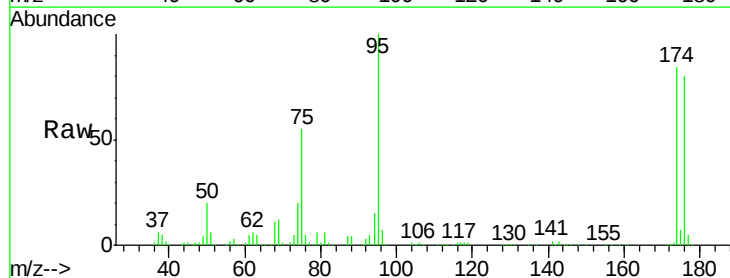
Instrument :
 MSVOA_X
 ClientSampled :

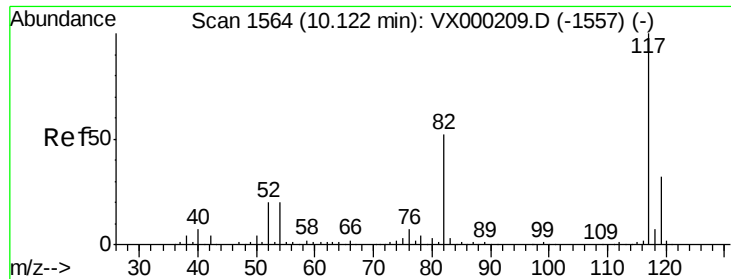
Tot Ion:107 Resp: 31534
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 49.112 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion: 95 Resp: 97564
 Ion Ratio Lower Upper
 95 100
 174 82.9 0.0 175.6
 176 80.9 0.0 171.0

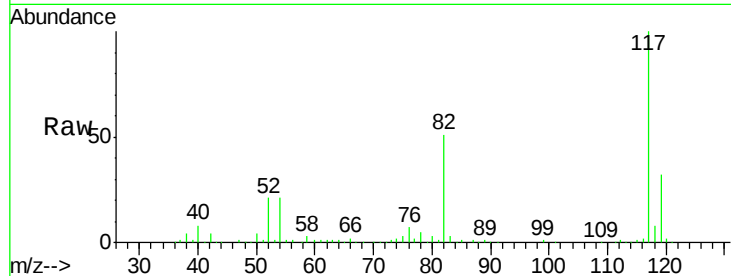




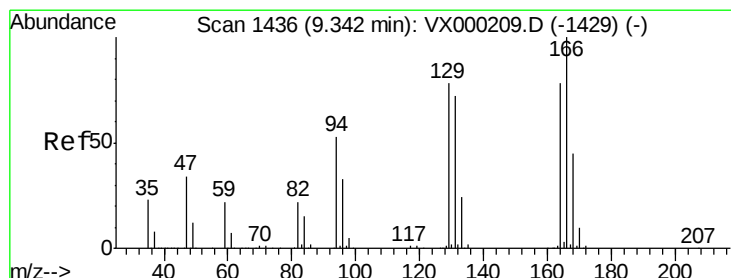
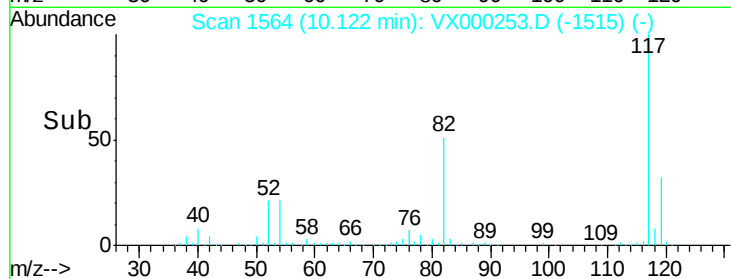
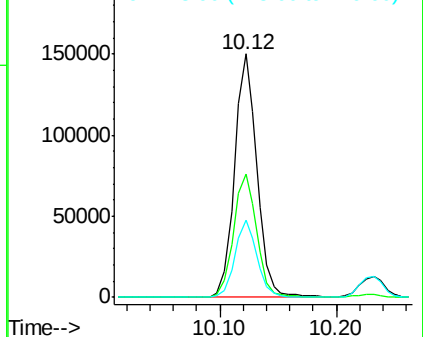
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 200743
Ion Ratio Lower Upper
117 100
82 50.6 42.0 63.0
119 31.9 25.3 37.9

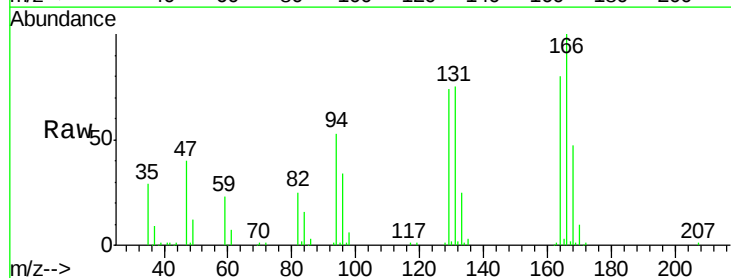


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

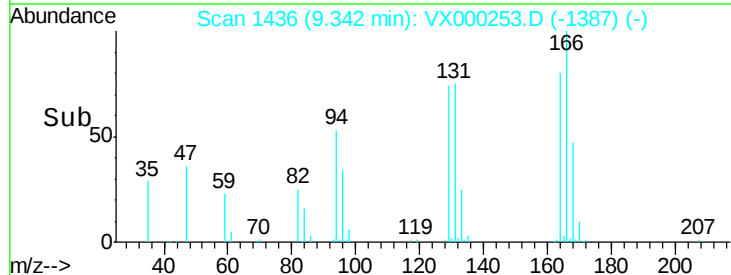
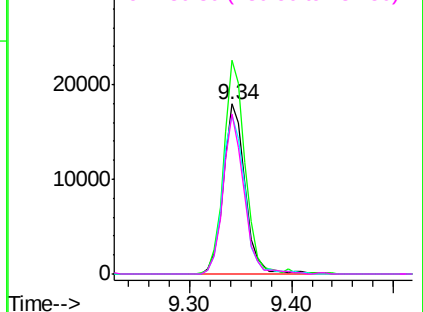


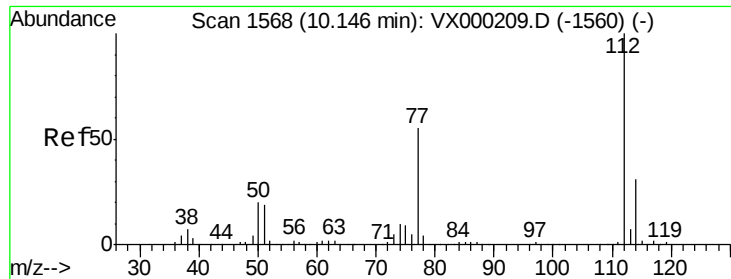
#64
Tetrachloroethene
Concen: 18.867 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion:164 Resp: 26499
Ion Ratio Lower Upper
164 100
166 125.7 103.0 154.6
129 93.2 80.2 120.4
131 94.3 74.2 111.4



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: 19.800 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

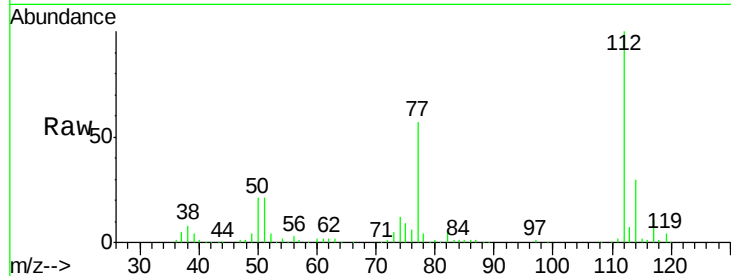
ClientSampleId :

Tot Ion:112 Resp: 80268

Ion Ratio Lower Upper

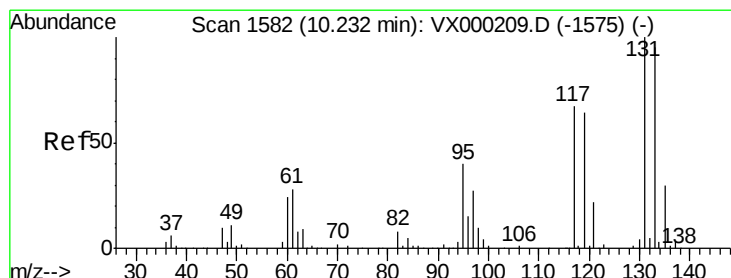
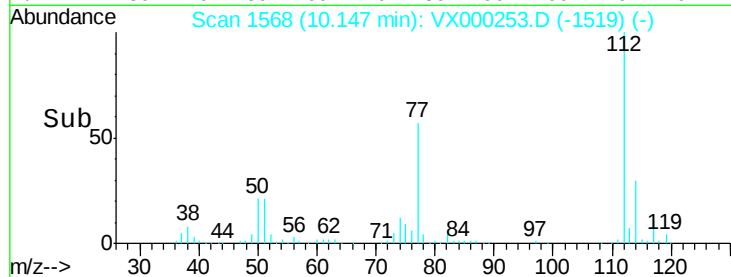
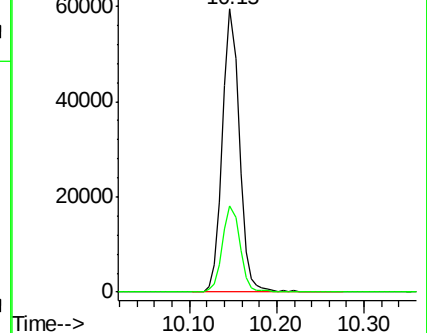
112 100

114 30.3 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.957 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

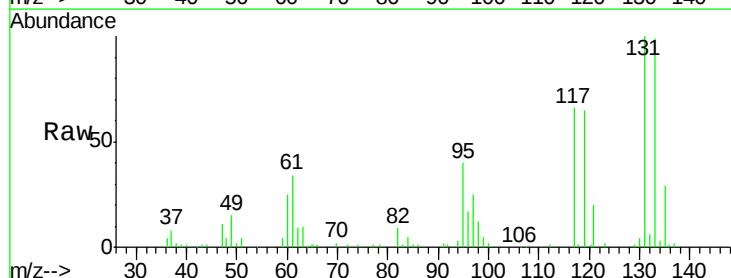
Tgt Ion:131 Resp: 27661

Ion Ratio Lower Upper

131 100

133 94.3 48.3 144.9

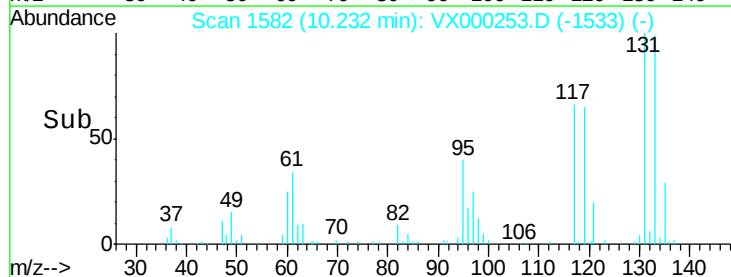
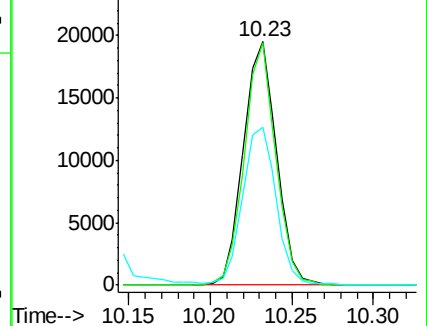
119 66.0 32.3 96.8

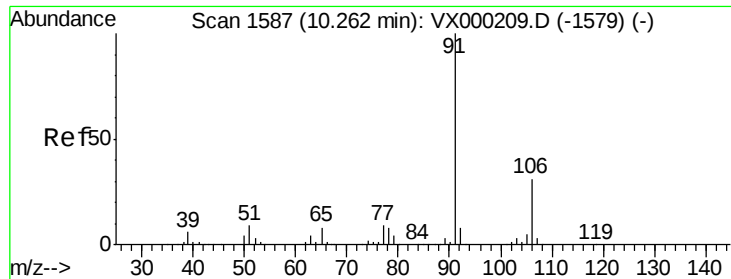


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

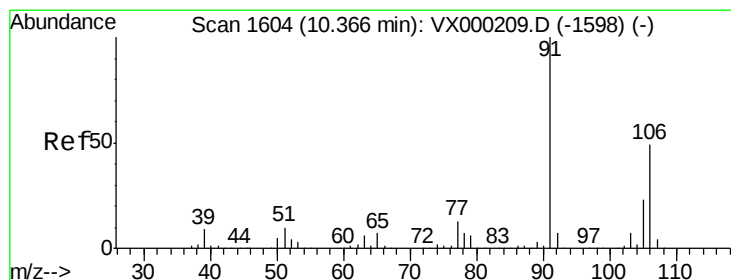
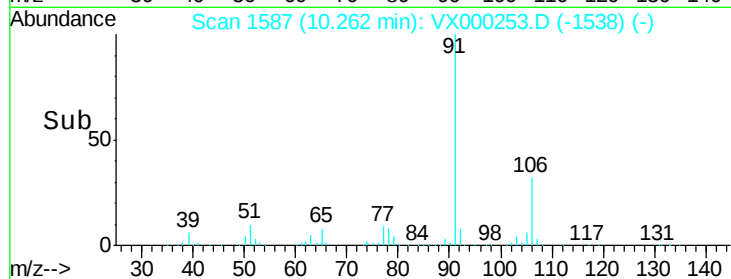
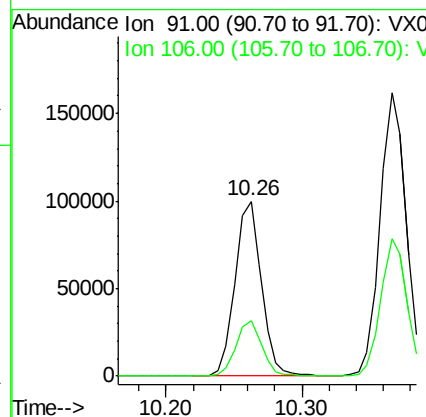
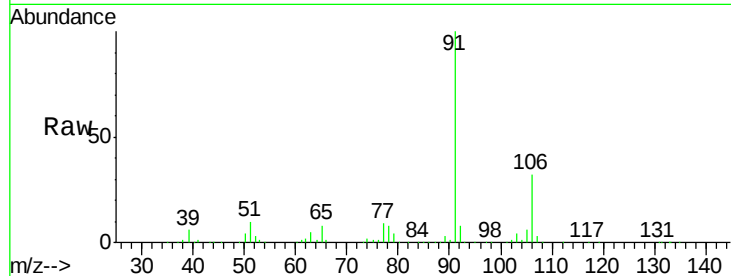




#67
Ethyl Benzene
Concen: 19.138 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

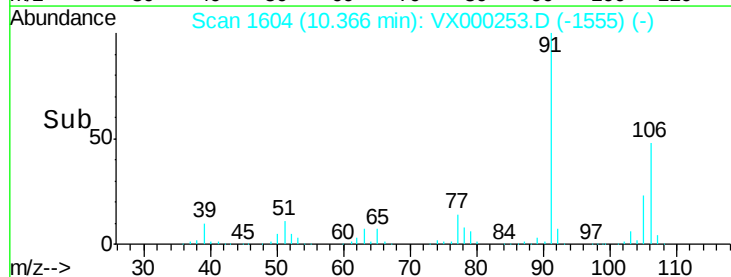
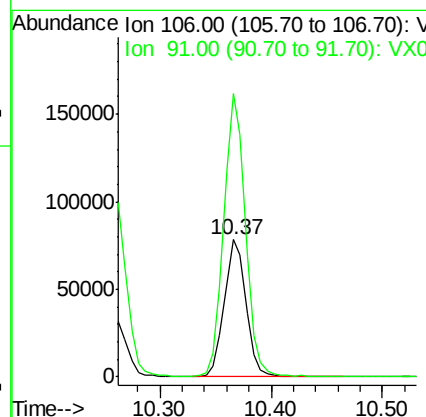
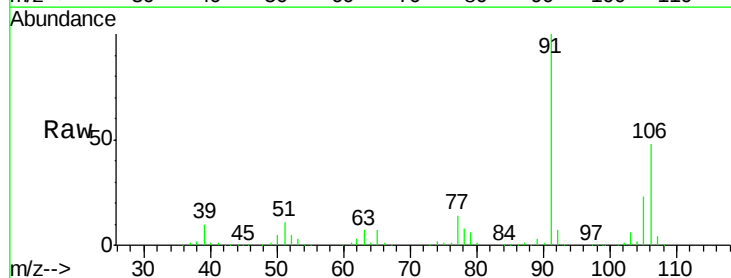
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 135407
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 38.917 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 106 Resp: 105974
Ion Ratio Lower Upper
106 100
91 206.5 160.9 241.3

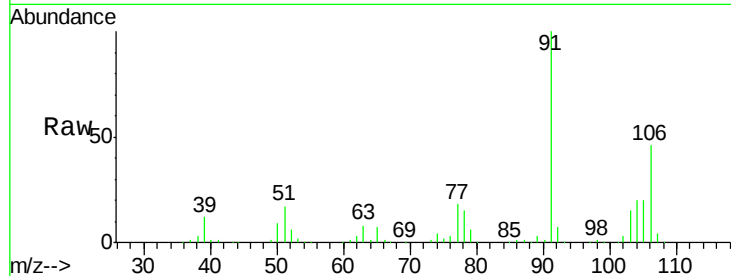




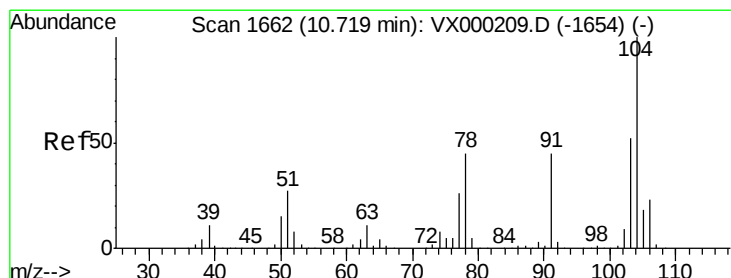
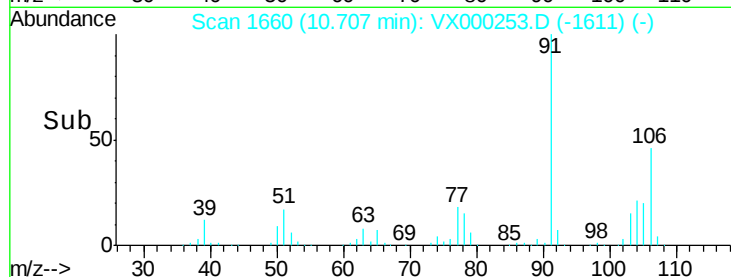
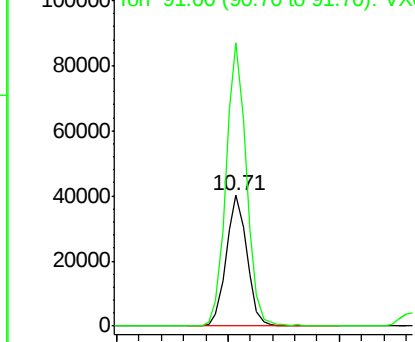
#69
o-Xylene
Concen: 19.856 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 51969
Ion Ratio Lower Upper
106 100
91 212.1 105.9 317.7

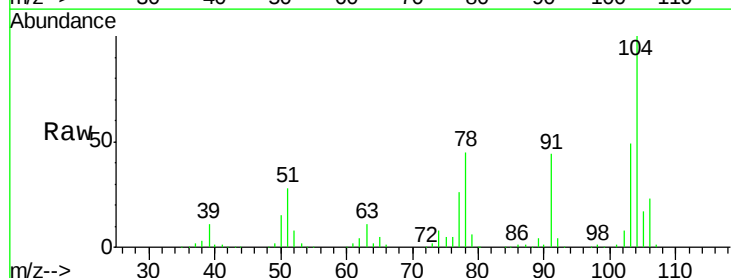


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

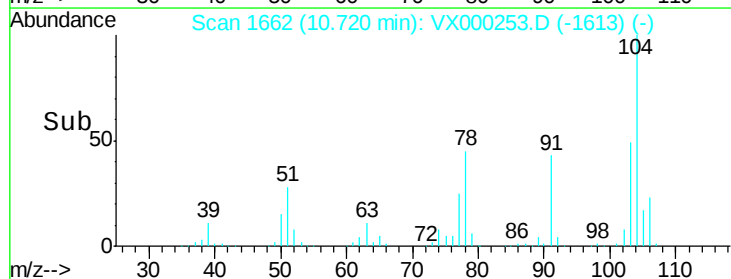
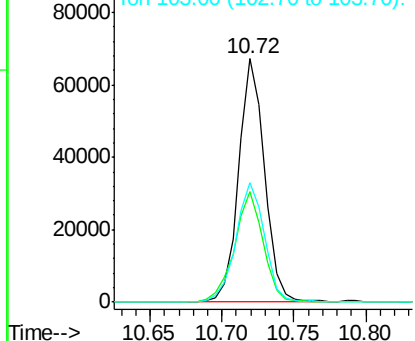


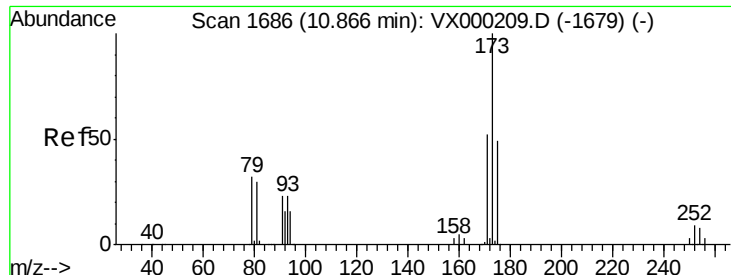
#70
Styrene
Concen: 19.411 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion:104 Resp: 84278
Ion Ratio Lower Upper
104 100
78 50.8 39.6 59.4
103 55.1 45.0 67.6



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





#71

Bromoform

Concen: 17.408 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

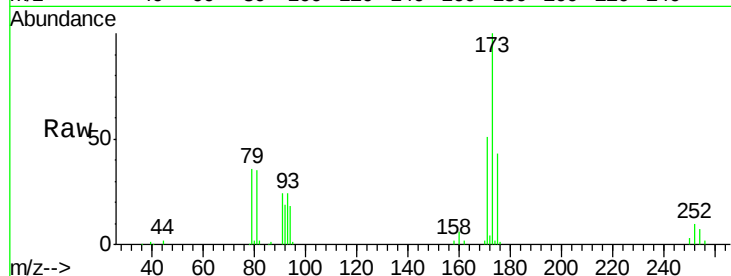
Tot Ion:173 Resp: 21557

Ion Ratio Lower Upper

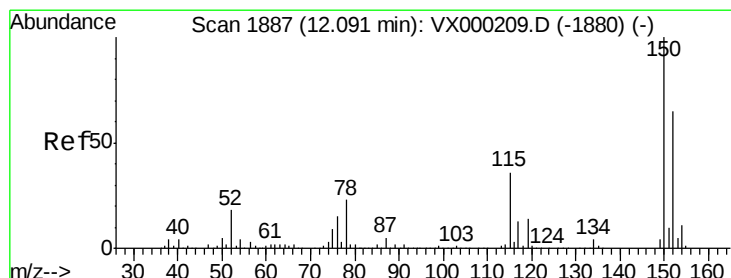
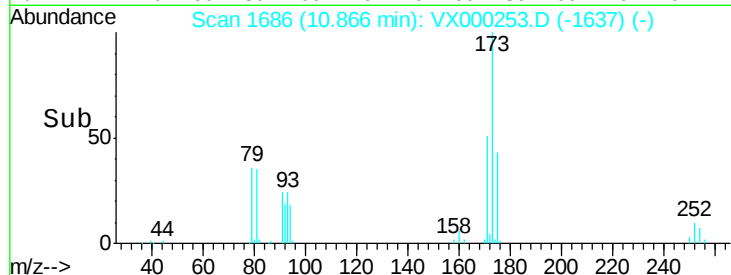
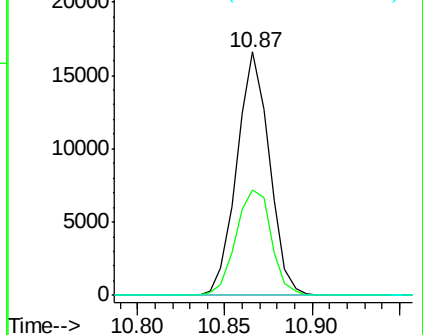
173 100

175 46.7 24.4 73.2

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

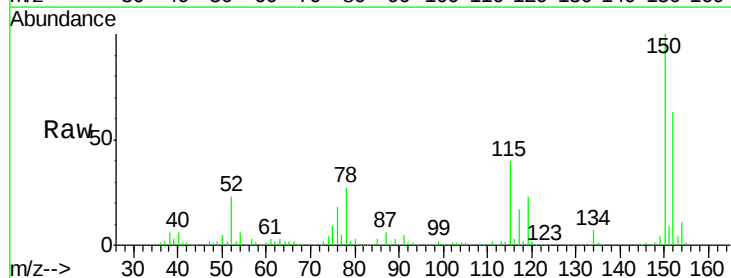
Tgt Ion:152 Resp: 112391

Ion Ratio Lower Upper

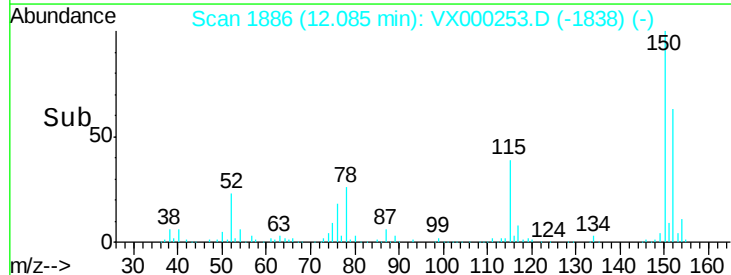
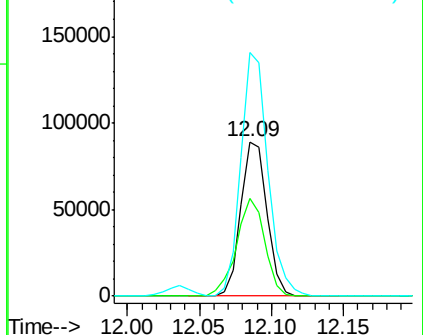
152 100

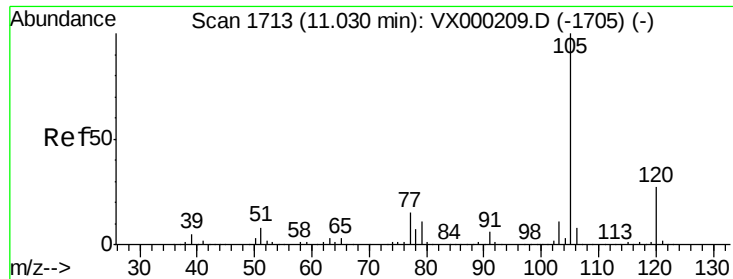
115 69.0 39.8 119.3

150 163.5 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.805 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

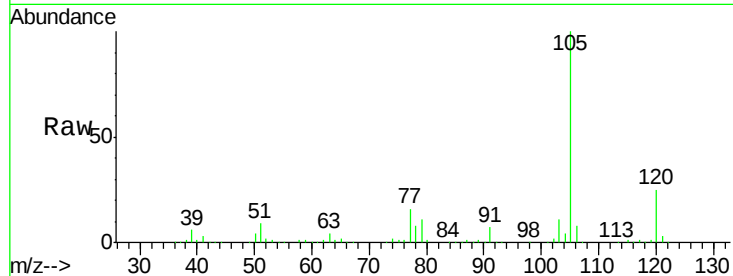
ClientSampleId :

Tot Ion:105 Resp: 139366

Ion Ratio Lower Upper

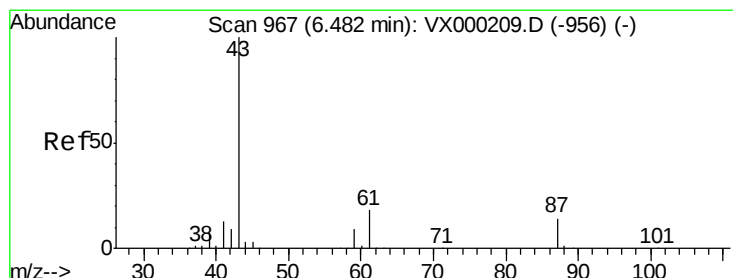
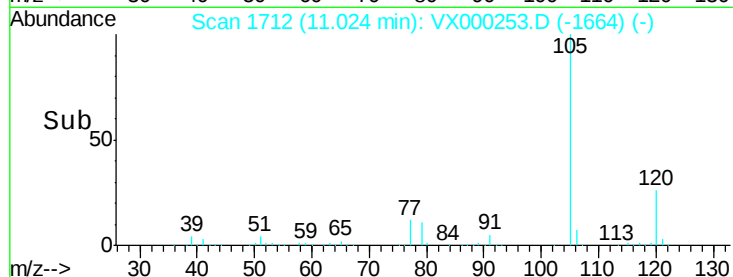
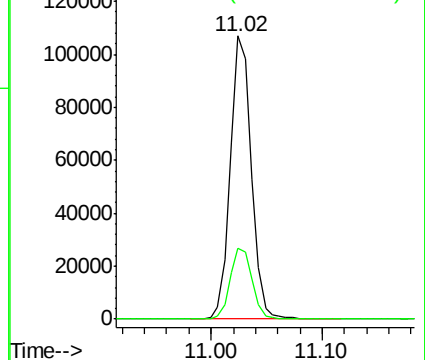
105 100

120 26.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.566 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Tgt Ion: 43 Resp: 70441

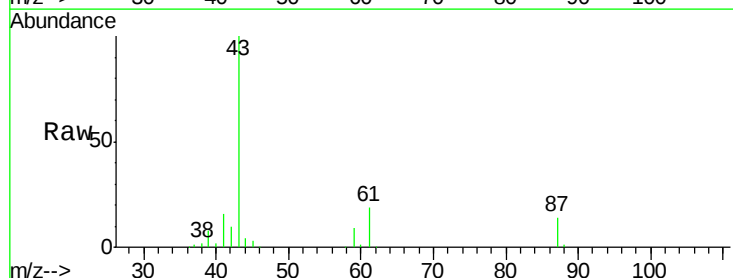
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.1 14.8 22.2

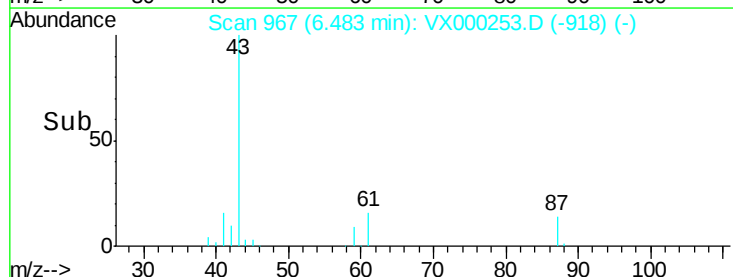
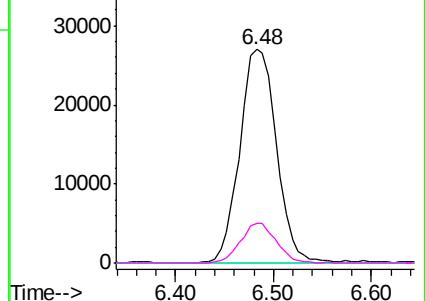


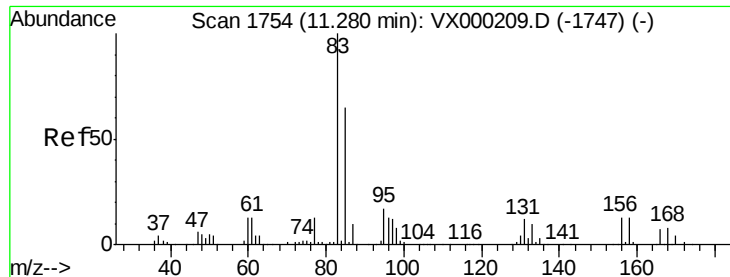
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.439 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

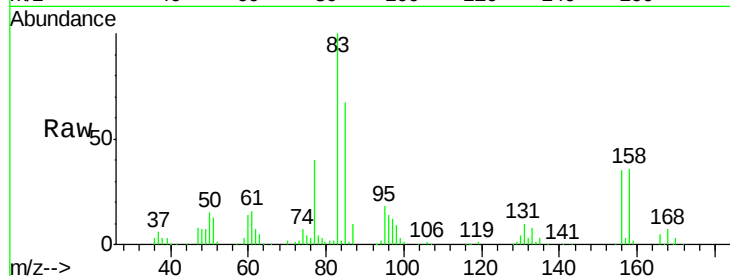
Tot Ion: 83 Resp: 50420

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.5

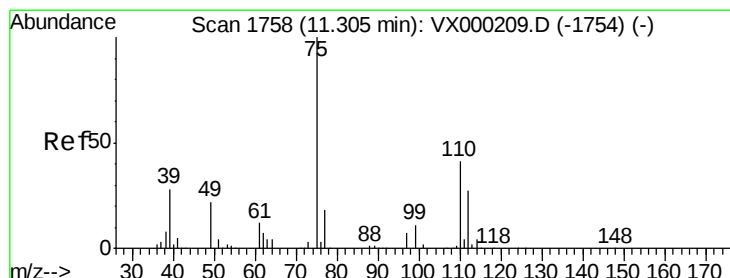
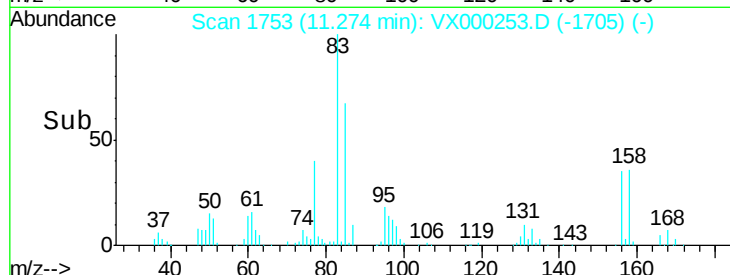
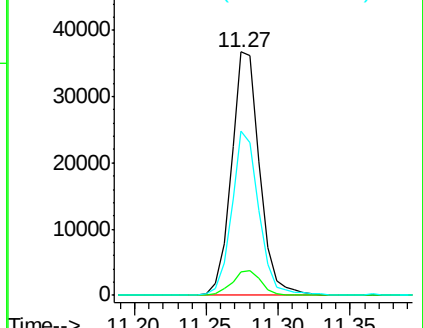
85 65.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.137 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000253.D

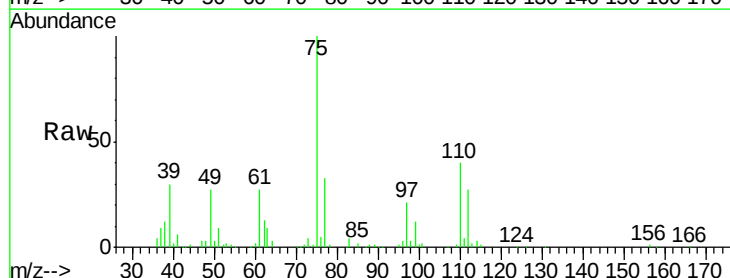
Acq: 09 Mar 2018 13:58

Tgt Ion: 75 Resp: 58884

Ion Ratio Lower Upper

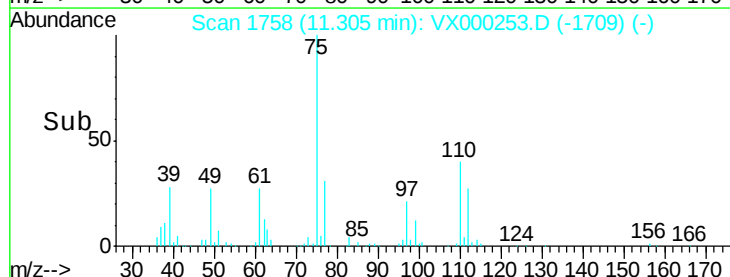
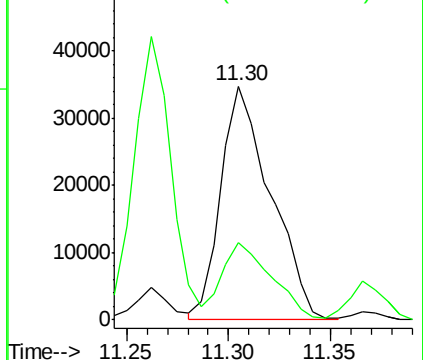
75 100

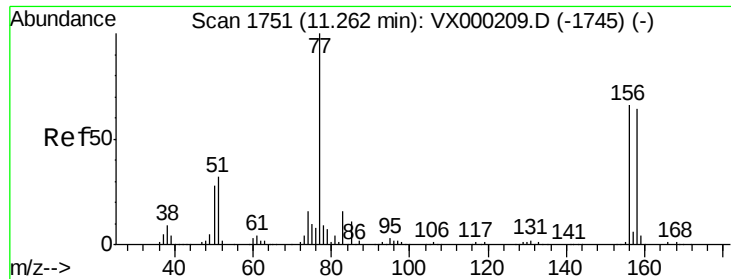
77 33.1 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.441 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

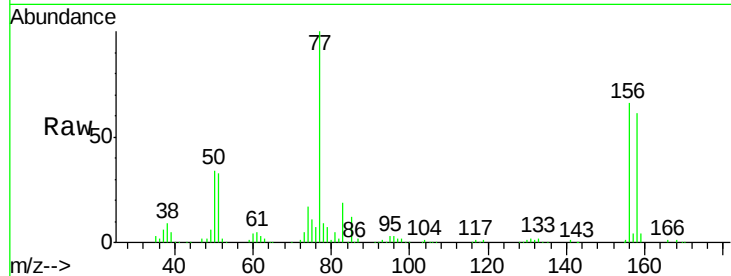
Tot Ion:156 Resp: 35368

Ion Ratio Lower Upper

156 100

77 150.8 71.9 215.7

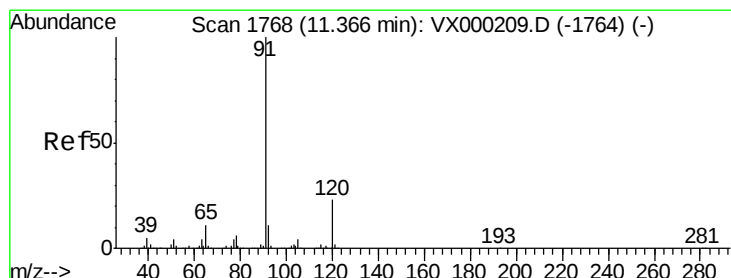
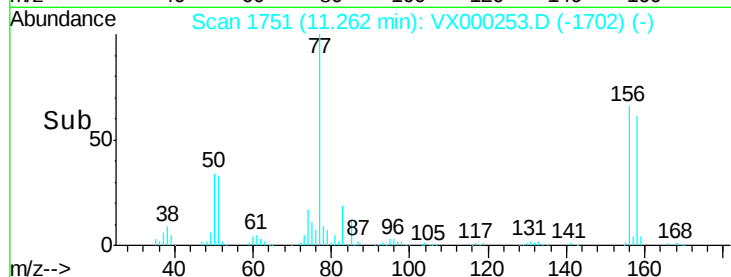
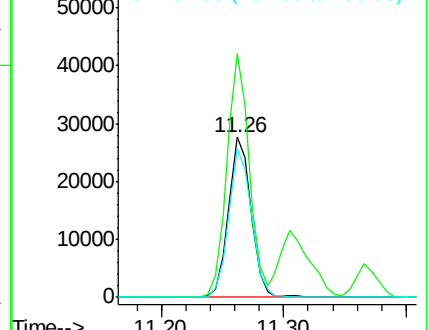
158 94.0 48.0 144.2



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: 20.251 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000253.D

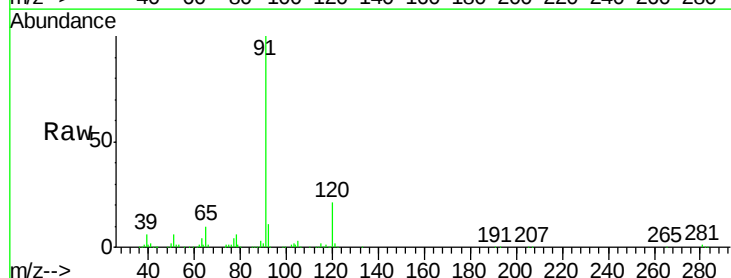
Acq: 09 Mar 2018 13:58

Tgt Ion: 91 Resp: 167710

Ion Ratio Lower Upper

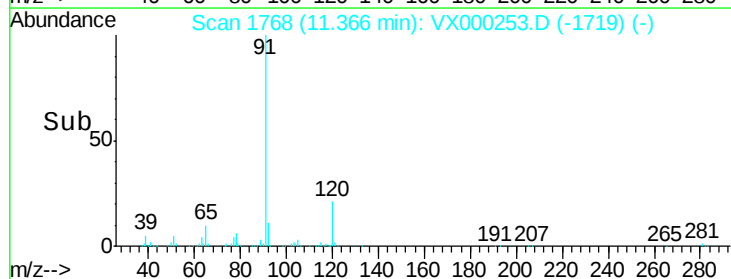
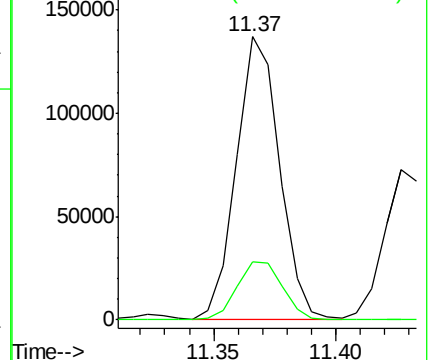
91 100

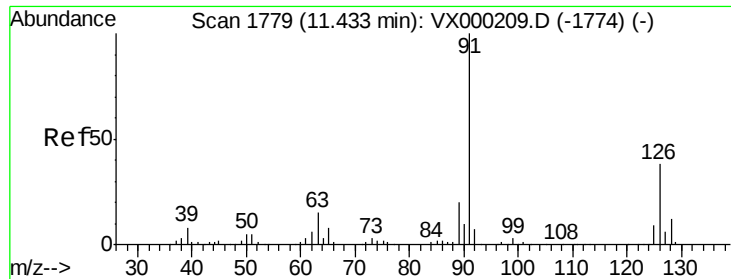
120 22.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.204 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

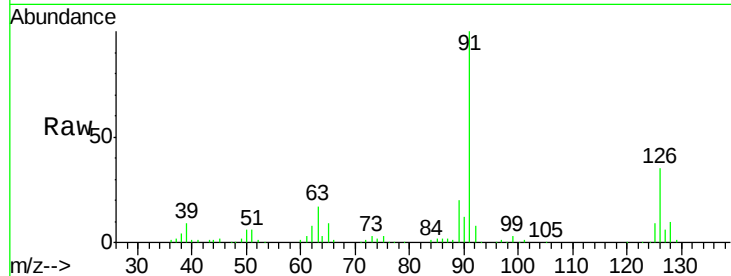
ClientSampleId :

Tot Ion: 91 Resp: 94389

Ion Ratio Lower Upper

91 100

126 35.7 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000209.D (-1774) (-)

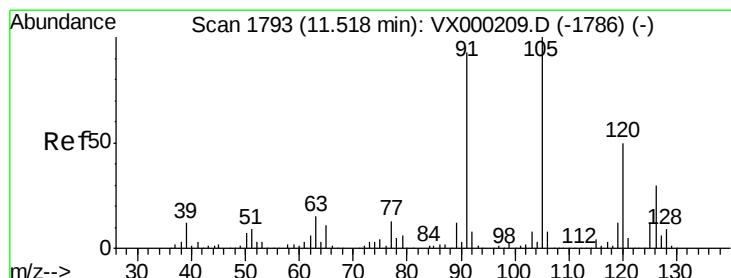
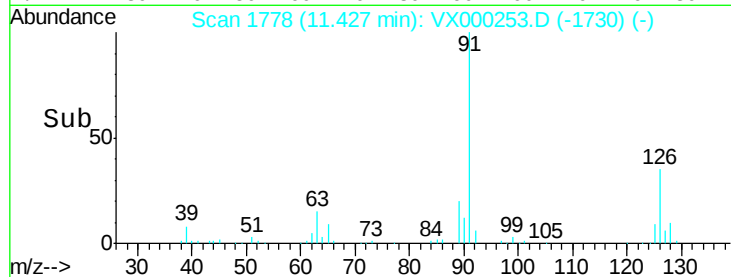
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.404 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000253.D

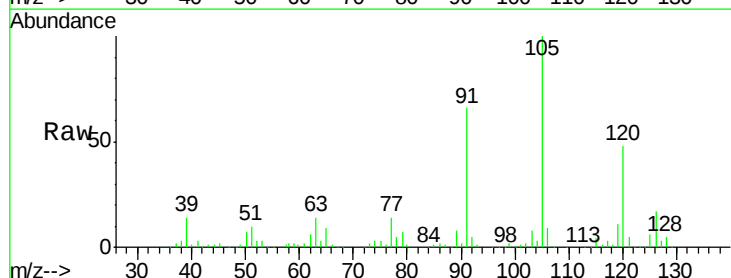
Acq: 09 Mar 2018 13:58

Tgt Ion: 105 Resp: 119869

Ion Ratio Lower Upper

105 100

120 48.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000209.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000209.D (-1786) (-)

100000

80000

60000

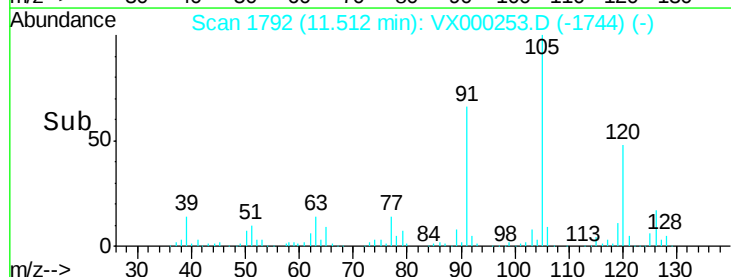
40000

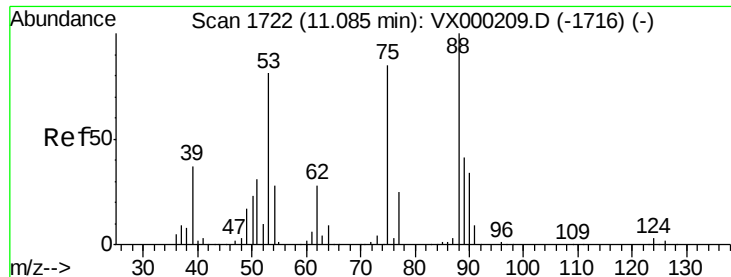
20000

0

11.45 11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.490 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

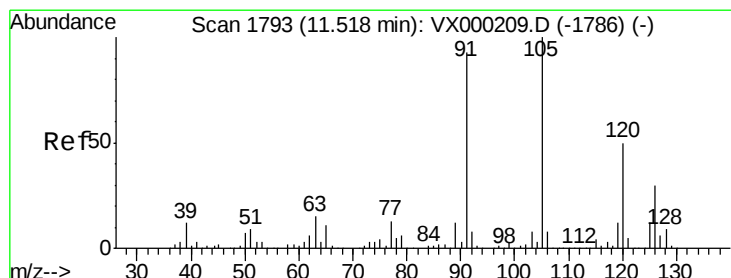
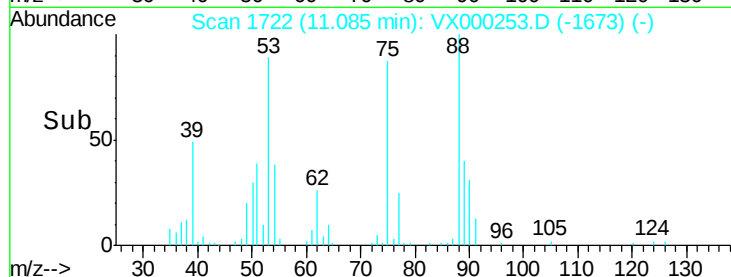
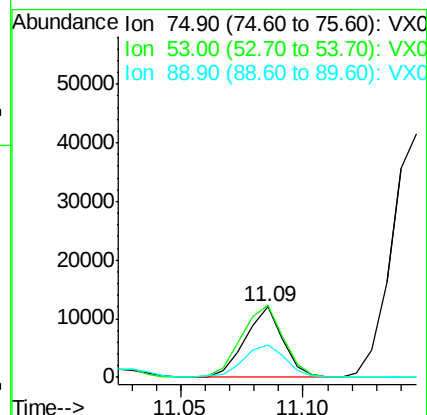
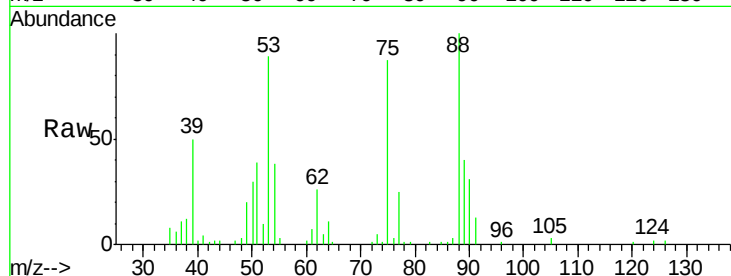
Tot Ion: 75 Resp: 12868

Ion Ratio Lower Upper

75 100

53 115.3 78.6 118.0

89 52.6 38.8 58.2



#82

4-Chlorotoluene

Concen: 20.479 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000253.D

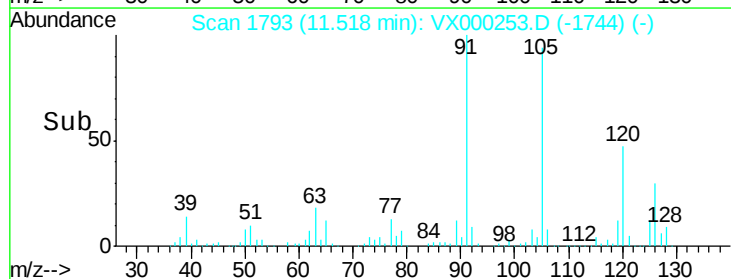
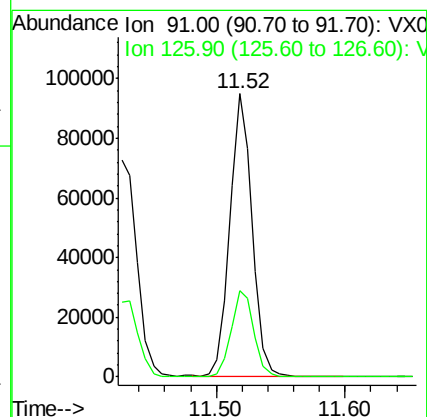
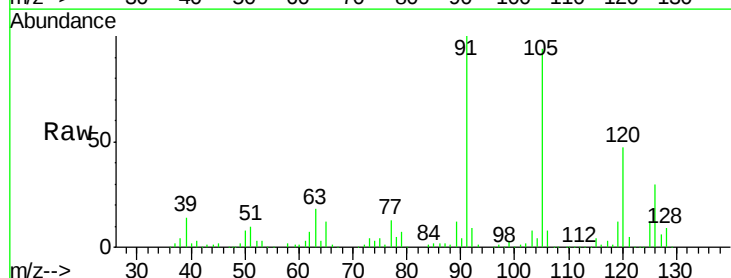
Acq: 09 Mar 2018 13:58

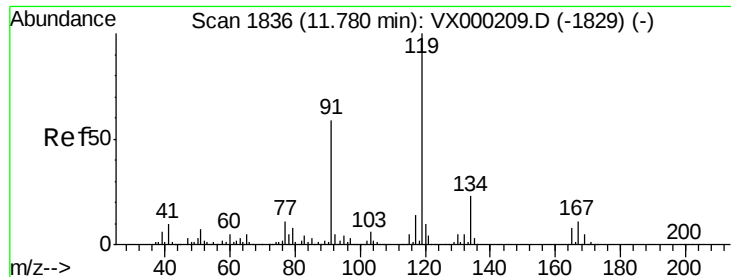
Tgt Ion: 91 Resp: 116320

Ion Ratio Lower Upper

91 100

126 30.7 16.0 48.0

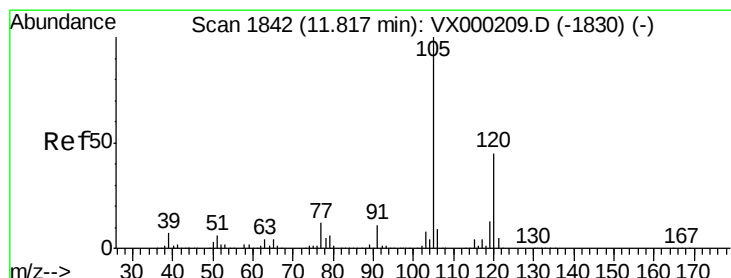
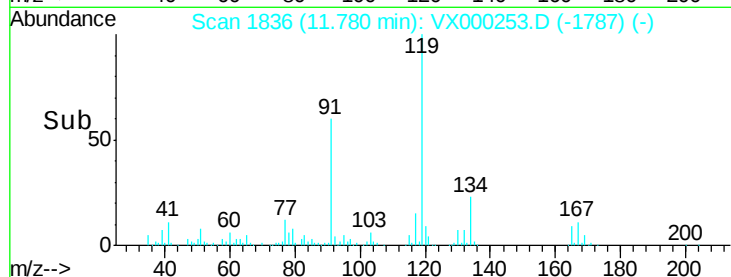
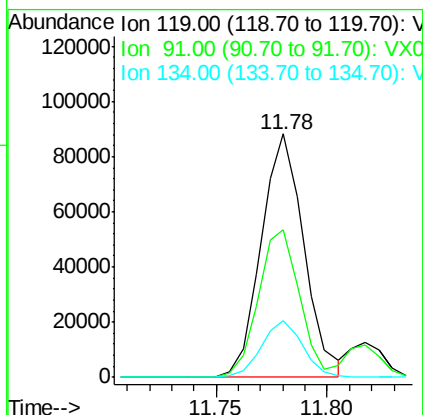
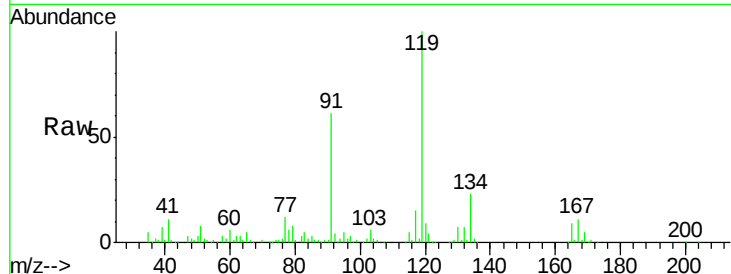




#83
tert-Butylbenzene
Concen: 20.519 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

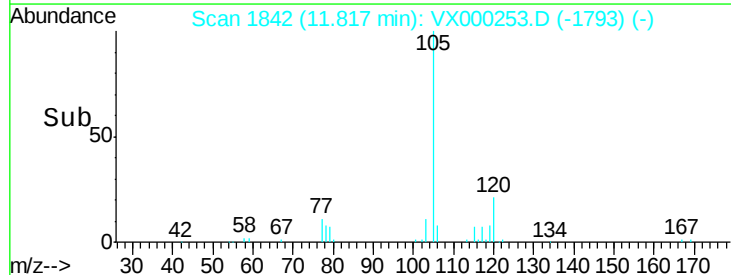
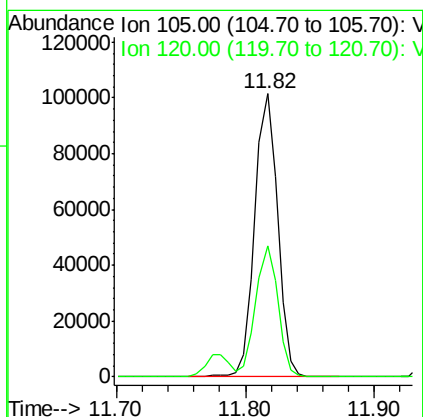
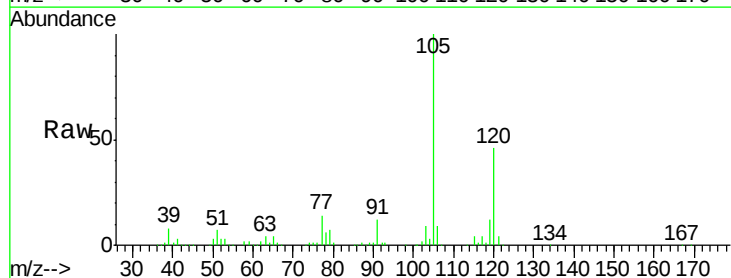
Instrument :
MSVOA_X
ClientSampled :

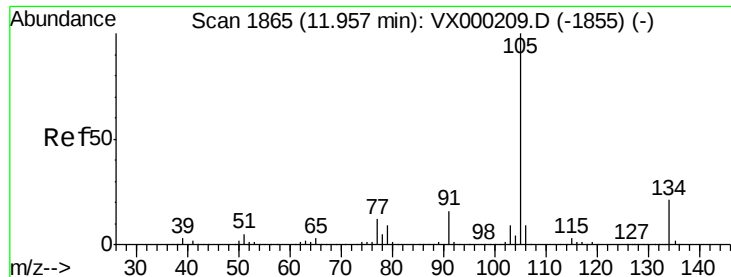
Tot Ion:119 Resp: 117300
Ion Ratio Lower Upper
119 100
91 58.3 28.9 86.7
134 22.7 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 20.485 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion:105 Resp: 123760
Ion Ratio Lower Upper
105 100
120 45.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.392 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

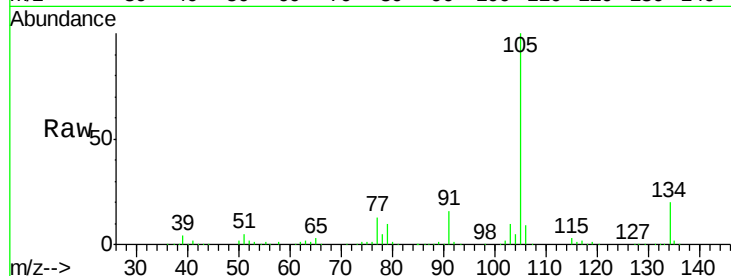
ClientSampleId :

Tot Ion:105 Resp: 147452

Ion Ratio Lower Upper

105 100

134 19.5 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

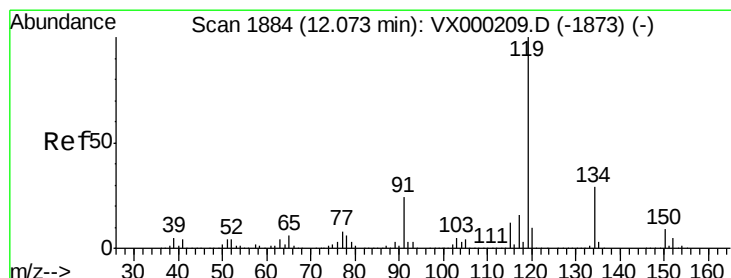
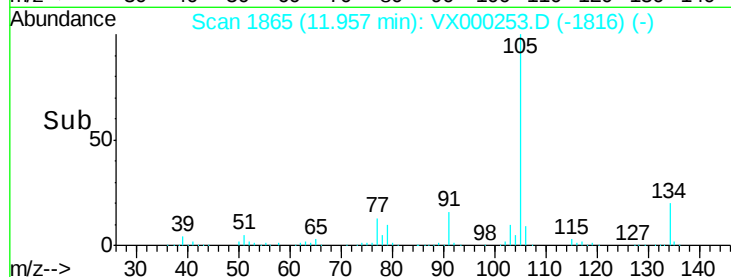
100000

50000

0

Time-->

11.90 11.95 12.00 12.05



#86

p-Isopropyltoluene

Concen: 20.483 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

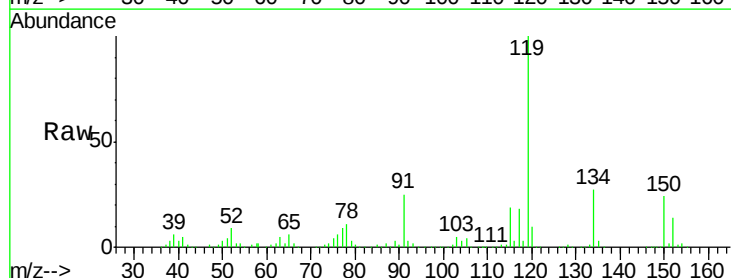
Tgt Ion:119 Resp: 130610

Ion Ratio Lower Upper

119 100

134 26.2 13.8 41.3

91 24.9 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

150000

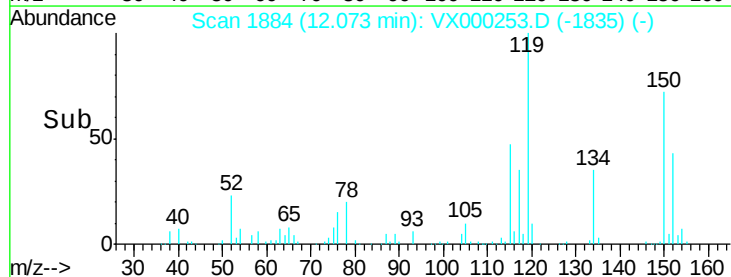
100000

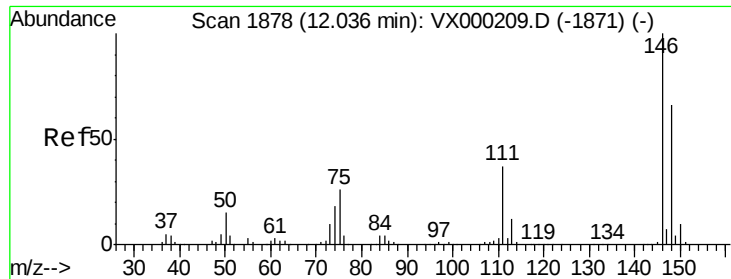
50000

0

Time-->

12.00 12.10

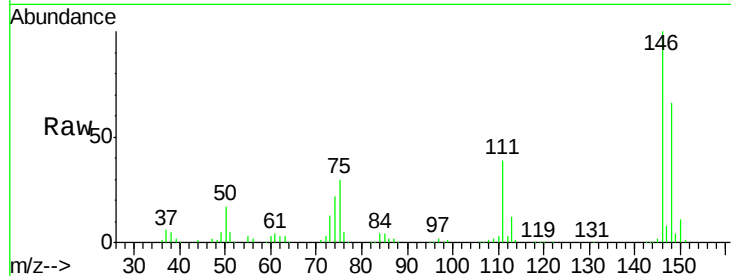




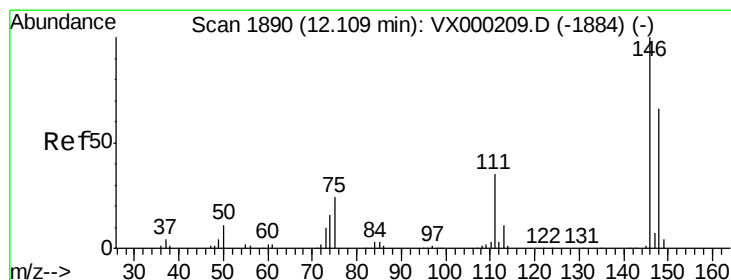
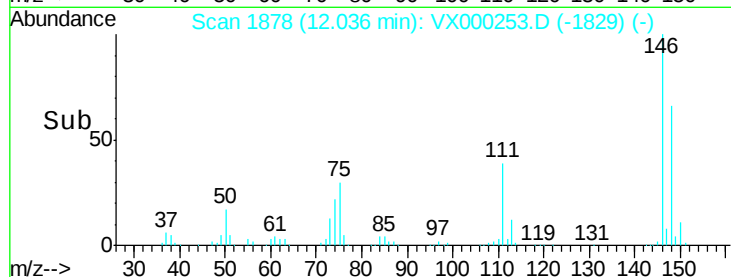
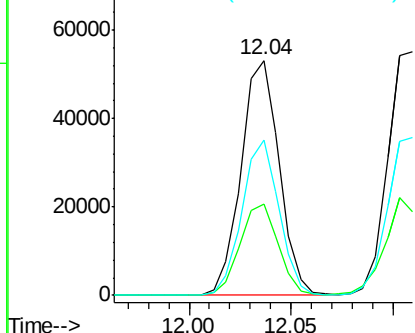
#87
 1,3-Dichlorobenzene
 Concen: 19.981 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 69112
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.0 57.0
 148 64.4 32.1 96.3

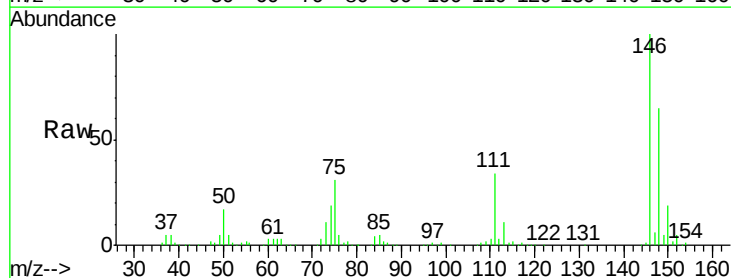


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

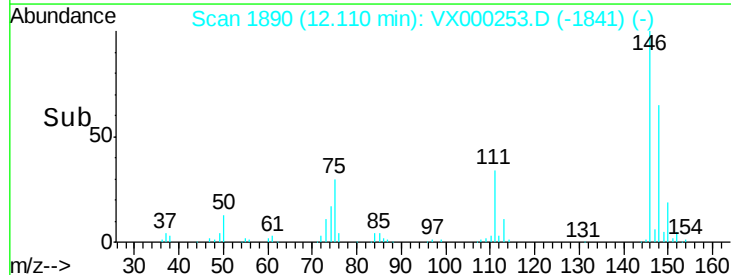
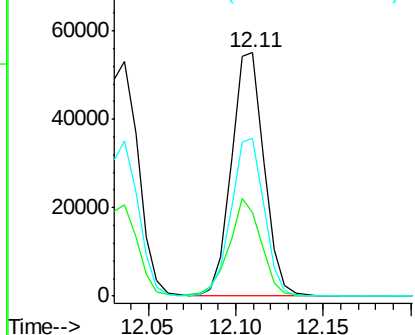


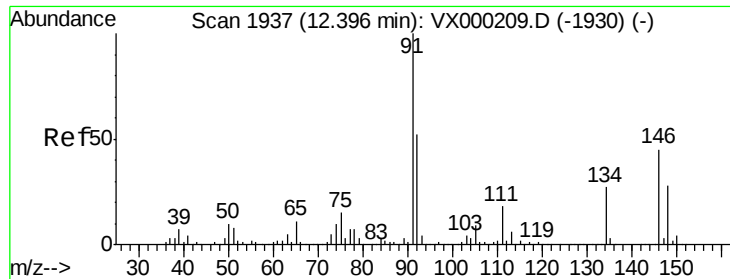
#88
 1,4-Dichlorobenzene
 Concen: 19.739 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion:146 Resp: 71552
 Ion Ratio Lower Upper
 146 100
 111 39.9 18.9 56.9
 148 65.5 32.6 97.8



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.616 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

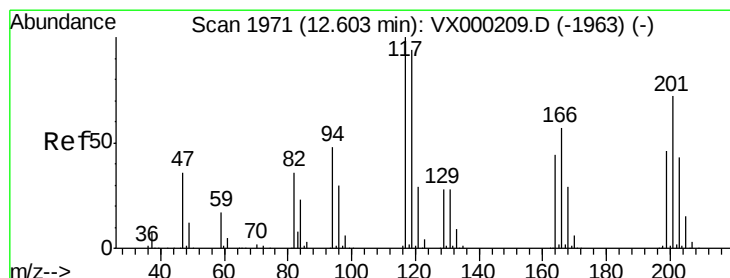
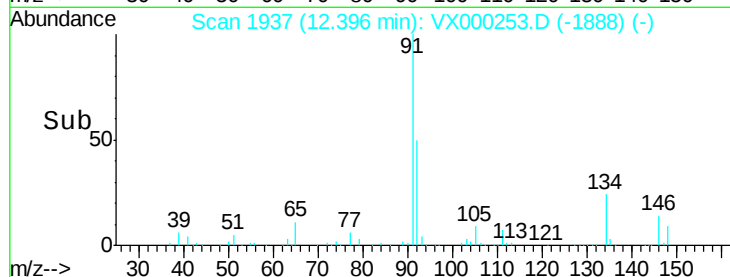
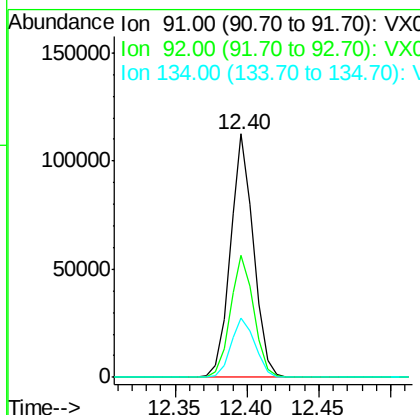
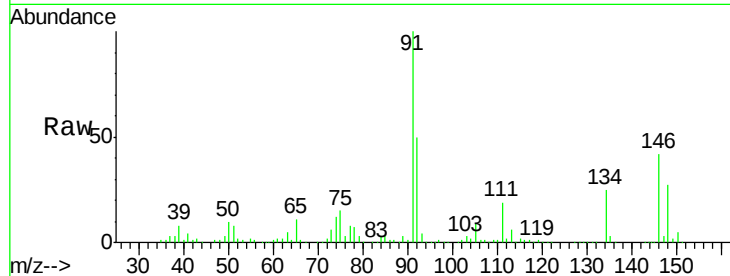
Tot Ion: 91 Resp: 126609

Ion Ratio Lower Upper

91 100

92 51.0 25.8 77.4

134 25.4 13.5 40.5



#90

Hexachloroethane

Concen: 18.778 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000253.D

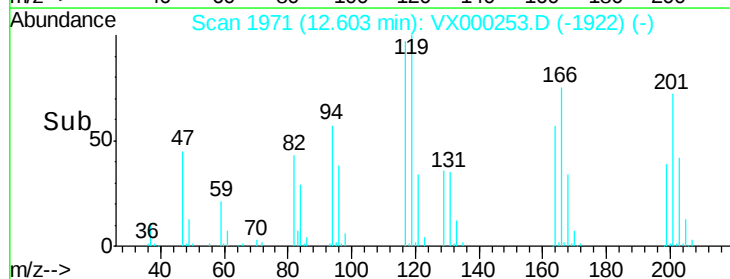
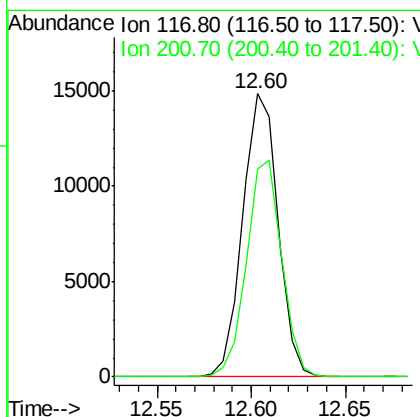
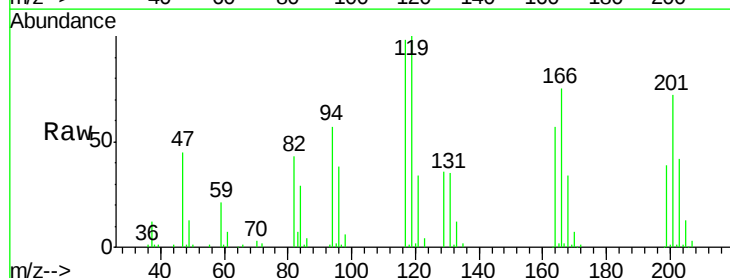
Acq: 09 Mar 2018 13:58

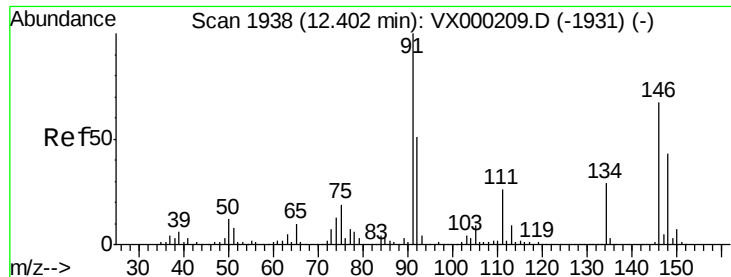
Tgt Ion: 117 Resp: 19291

Ion Ratio Lower Upper

117 100

201 76.3 38.2 114.6





#91

1,2-Dichlorobenzene

Concen: 19.872 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

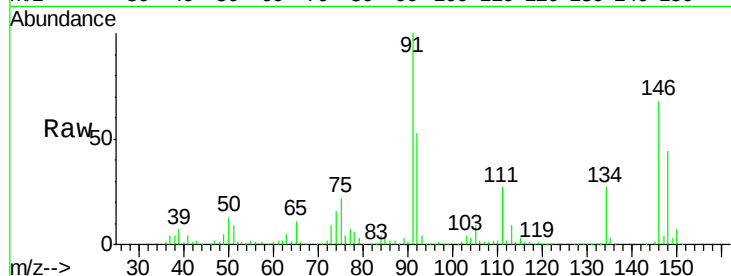
Tot Ion:146 Resp: 68052

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.0

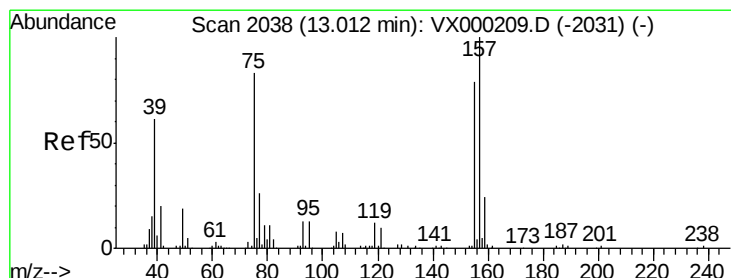
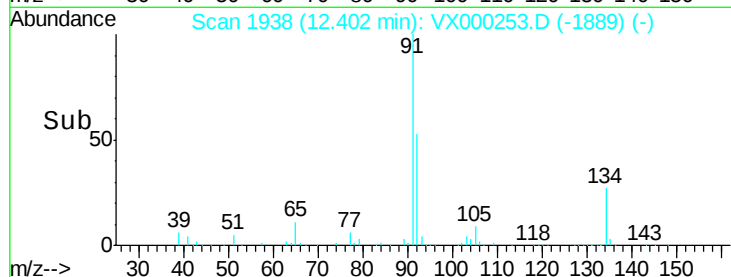
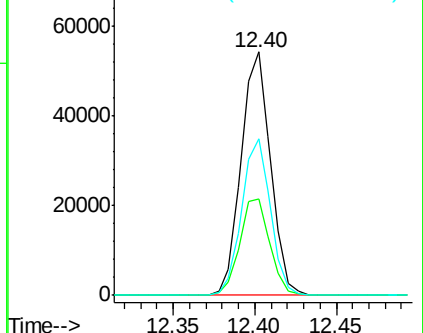
148 63.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.009 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

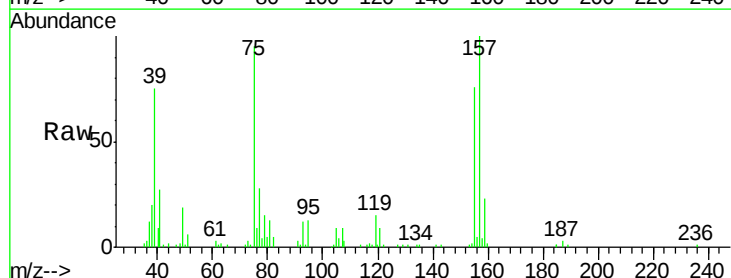
Tgt Ion: 75 Resp: 13862

Ion Ratio Lower Upper

75 100

155 79.0 45.5 136.5

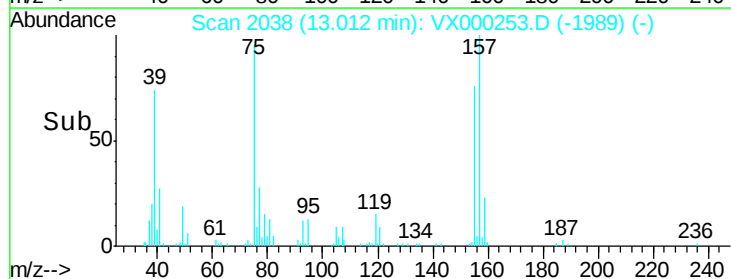
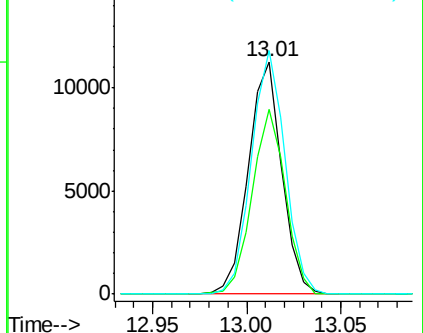
157 105.3 58.6 175.8

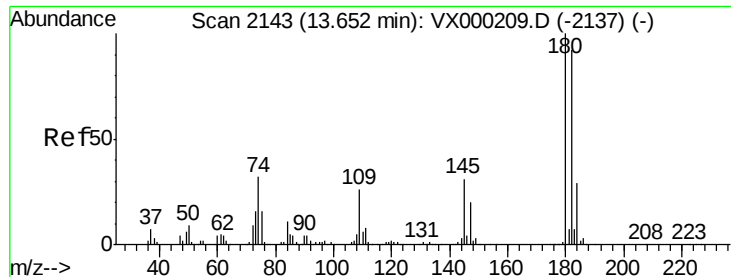


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

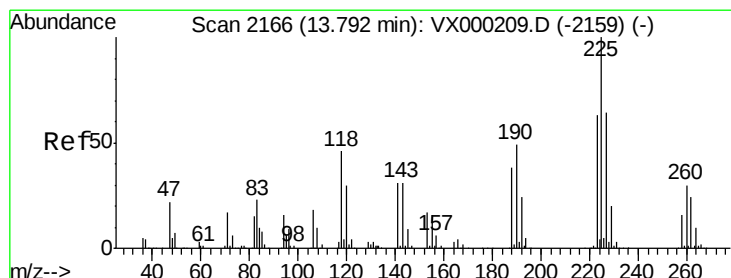
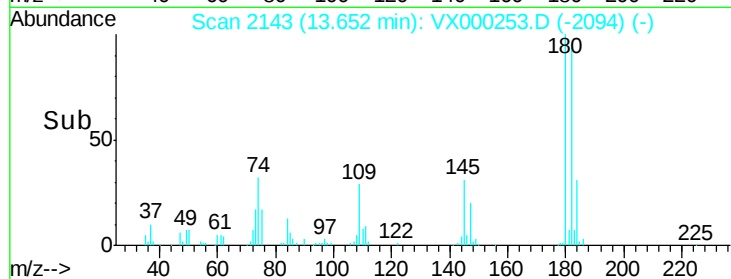
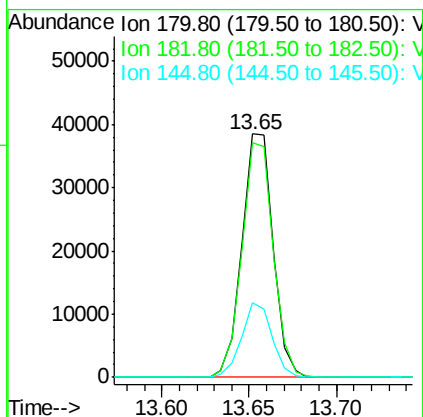
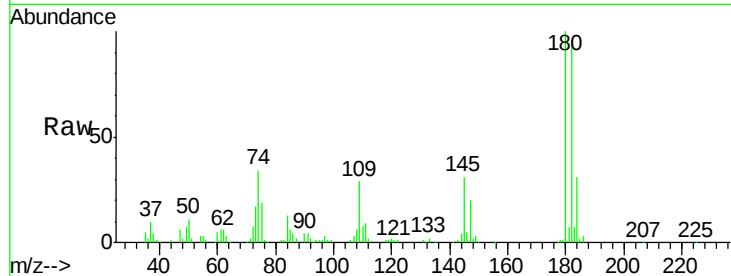




#93
 1,2,4-Trichlorobenzene
 Concen: 19.126 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

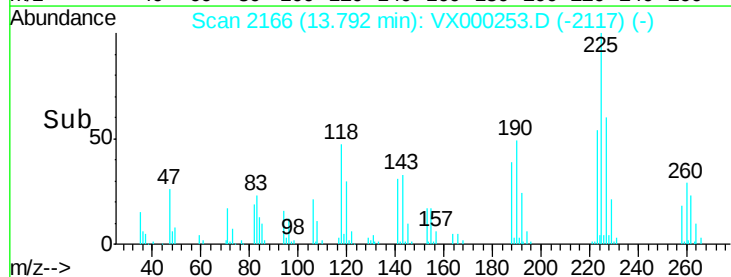
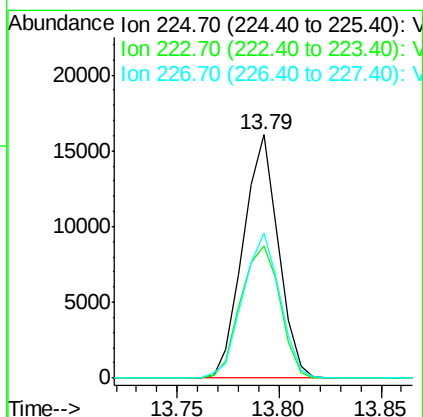
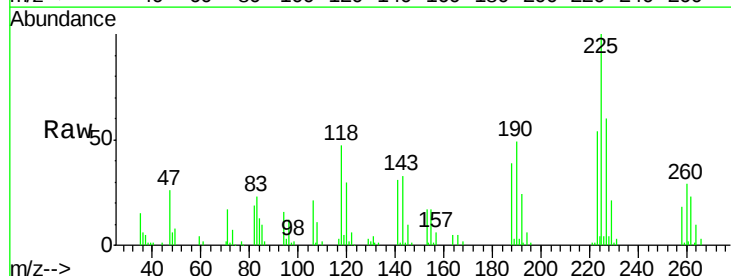
Instrument :
 MSVOA_X
 ClientSampleId :

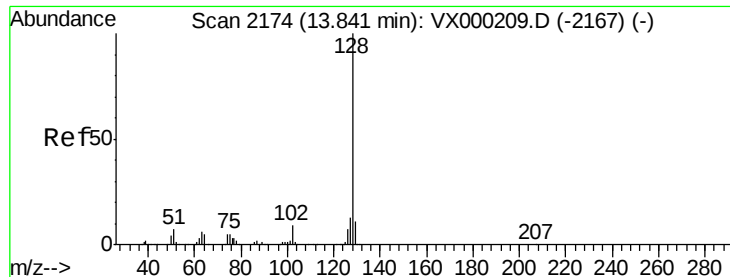
Tot Ion:180 Resp: 47645
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.0 141.0
 145 30.1 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 18.589 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion:225 Resp: 19274
 Ion Ratio Lower Upper
 225 100
 223 60.1 31.8 95.3
 227 62.8 31.9 95.5

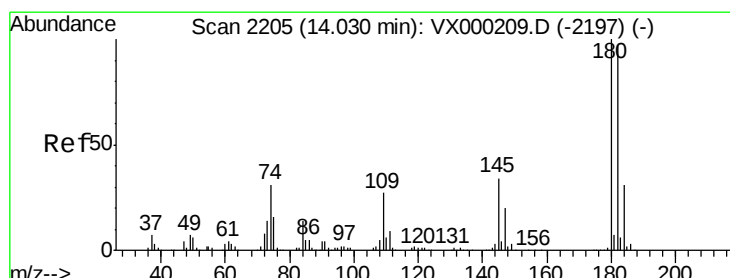
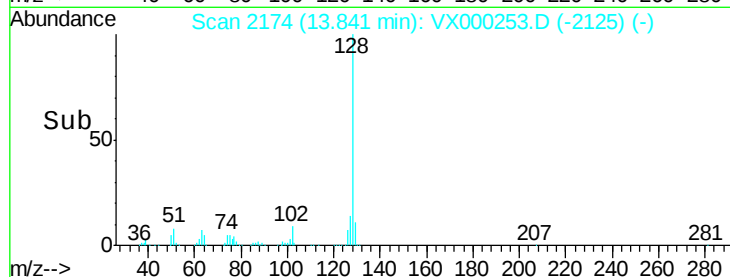
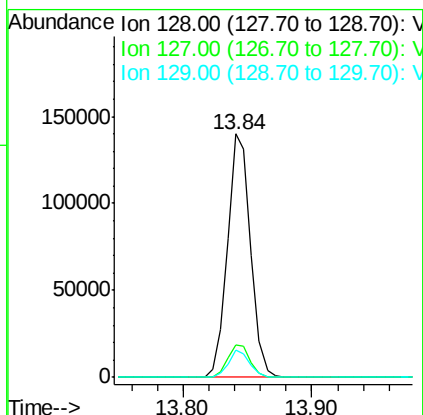
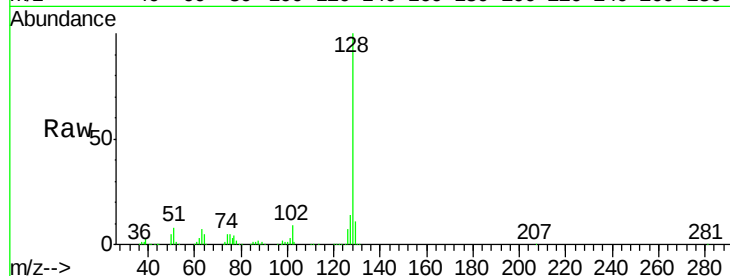




#95
Naphthalene
Concen: 20.163 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 175281
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.431 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion:180 Resp: 47887
Ion Ratio Lower Upper
180 100
182 97.2 48.0 144.0
145 32.4 16.3 48.8

