

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030918\
 Data File : VX000252.D
 Acq On : 09 Mar 2018 13:33
 Operator : JC/MD
 Sample : VX0309MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 09 15:36:51 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	5.68	168	128308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	208939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	204292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	118411	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	80118	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	5.51	113	62139	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	8.73	98	245694	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
62) 4-Bromofluorobenzene	11.15	95	93373	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	23859	17.065	ug/l	94
3) Chloromethane	1.32	50	25764	18.876	ug/l	98
4) Vinyl Chloride	1.40	62	30290	19.042	ug/l	99
5) Bromomethane	1.64	94	24828	14.242	ug/l	98
6) Chloroethane	1.73	64	19828	19.705	ug/l	100
7) Trichlorofluoromethane	1.93	101	53383	20.229	ug/l	97
8) Diethyl Ether	2.20	74	18436	19.034	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29272	19.860	ug/l	98
10) Methyl Iodide	2.51	142	22810	16.962	ug/l	99
11) Tert butyl alcohol	3.08	59	53611	82.030	ug/l	98
12) 1,1-Dichloroethene	2.38	96	25622	18.934	ug/l	98
13) Acrolein	2.30	56	32874	95.676	ug/l	99
14) Allyl chloride	2.73	41	48316	19.328	ug/l	98
15) Acrylonitrile	3.16	53	106118	93.302	ug/l	100
16) Acetone	2.45	43	117918	92.316	ug/l	100
17) Carbon Disulfide	2.57	76	64874	17.496	ug/l	98
18) Methyl Acetate	2.79	43	50725	18.647	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	95857	19.891	ug/l	99
20) Methylene Chloride	2.86	84	29509	19.371	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	27654	18.580	ug/l	91
22) Diisopropyl ether	3.88	45	71029	16.546	ug/l	97
23) Vinyl Acetate	3.84	43	401119	96.952	ug/l	100
24) 1,1-Dichloroethane	3.70	63	52287	19.868	ug/l	100
25) 2-Butanone	4.72	43	132086	83.793	ug/l	96
26) 2,2-Dichloropropane	4.59	77	34033	17.693	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	25472	18.050	ug/l	96
28) Bromochloromethane	5.03	49	22520	20.135	ug/l	99
29) Tetrahydrofuran	5.18	42	82753	83.583	ug/l	97
30) Chloroform	5.23	83	45917	18.047	ug/l	96
31) Cyclohexane	5.59	56	37010	19.017	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	40162	18.205	ug/l	98
36) 1,1-Dichloropropene	5.81	75	34107	18.346	ug/l	98
37) Ethyl Acetate	4.88	43	45759	17.032	ug/l	99
38) Carbon Tetrachloride	5.79	117	34195	18.175	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	42530	18.644	ug/l	96
40) Benzene	6.15	78	98441	18.359	ug/l	95
41) Methacrylonitrile	5.08	41	24254	17.710	ug/l	96
42) 1,2-Dichloroethane	6.21	62	39453	18.759	ug/l	100
43) Isopropyl Acetate	6.48	43	70682	18.195	ug/l	99
44) Trichloroethene	7.22	130	28037	18.269	ug/l	98
45) 1,2-Dichloropropane	7.53	63	26225	19.310	ug/l	100
46) Dibromomethane	7.67	93	19727	18.361	ug/l	97
47) Bromodichloromethane	7.91	83	34849	18.439	ug/l	97
48) Methyl methacrylate	7.79	41	34076	17.809	ug/l	98
49) 1,4-Dioxane	7.77	88	14558	335.167	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	262419	89.502	ug/l	98
52) Toluene	8.79	92	65638	17.861	ug/l	94
53) t-1,3-Dichloropropene	8.45	75	41023	18.420	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	39592	18.375	ug/l	92
55) 1,1,2-Trichloroethane	9.23	97	28331	19.034	ug/l	97
56) Ethyl methacrylate	9.19	69	41471	18.617	ug/l	95
57) 1,3-Dichloropropane	9.38	76	45506	18.207	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	113789	101.180	ug/l	99
59) 2-Hexanone	9.51	43	219962	87.984	ug/l	97
60) Dibromochloromethane	9.59	129	28130	17.924	ug/l	100
61) 1,2-Dibromoethane	9.68	107	30771	18.617	ug/l	99
64) Tetrachloroethene	9.34	164	27025	18.907	ug/l	97
65) Chlorobenzene	10.15	112	80842	19.595	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	27526	19.515	ug/l	97
67) Ethyl Benzene	10.26	91	138083	19.177	ug/l	99
68) m/p-Xylenes	10.37	106	104734	37.793	ug/l	97
69) o-Xylene	10.71	106	50417	18.929	ug/l	97
70) Styrene	10.72	104	84233	19.064	ug/l	98
71) Bromoform	10.87	173	21496	17.120	ug/l #	96
73) Isopropylbenzene	11.02	105	140491	18.950	ug/l	99
74) N-amyl acetate	6.48	43	70682	18.635	ug/l #	100
75) 1,1,1,2-Tetrachloroethane	11.27	83	49619	19.092	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	57547	24.245	ug/l	81
77) Bromobenzene	11.26	156	34054	17.767	ug/l	94
78) n-propylbenzene	11.37	91	169274	19.401	ug/l	98
79) 2-Chlorotoluene	11.43	91	93621	19.021	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	120457	19.461	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	13265	17.113	ug/l	89
82) 4-Chlorotoluene	11.52	91	118863	19.862	ug/l	96
83) tert-Butylbenzene	11.78	119	114543	19.018	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	124452	19.552	ug/l	98
85) sec-Butylbenzene	11.96	105	150334	19.733	ug/l	98
86) p-Isopropyltoluene	12.07	119	132270	19.689	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	71007	19.485	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	71295	18.668	ug/l	98
89) n-Butylbenzene	12.40	91	131056	20.256	ug/l	98
90) Hexachloroethane	12.60	117	19863	18.351	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	68951	19.111	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13009	17.823	ug/l	92

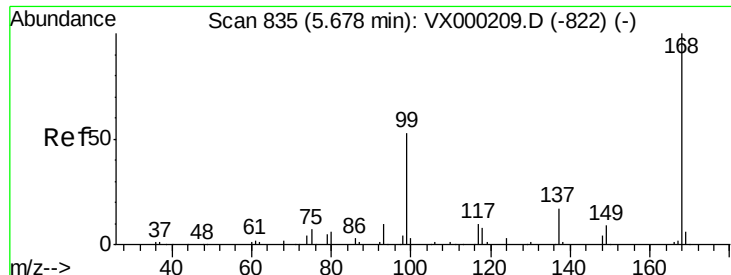
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030918\
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Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	50265	19.152	ug/l	99
94) Hexachlorobutadiene	13.79	225	20289	18.573	ug/l	98
95) Naphthalene	13.84	128	175192	19.128	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	49684	19.135	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

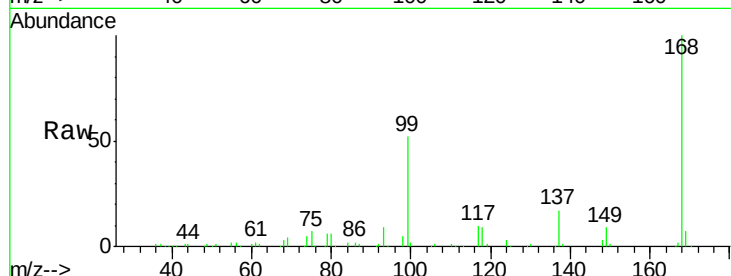
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 128308

Ion Ratio Lower Upper

168 100

99 51.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

50000

40000

30000

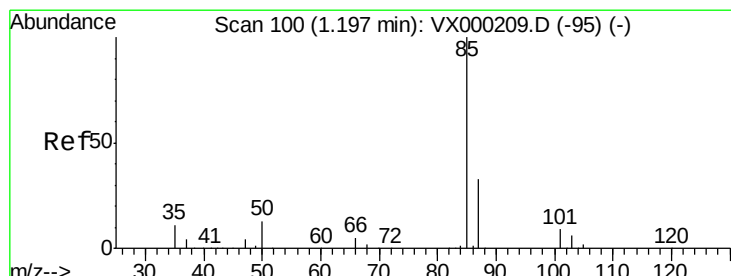
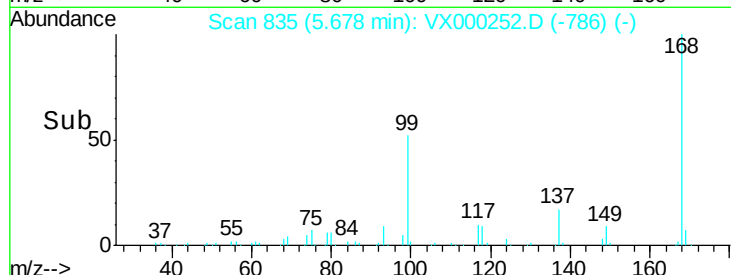
20000

10000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.065 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000252.D

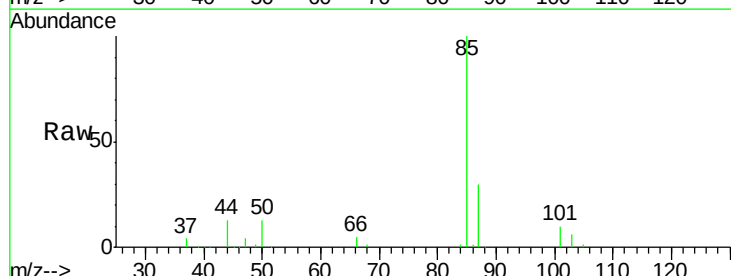
Acq: 09 Mar 2018 13:33

Tgt Ion: 85 Resp: 23859

Ion Ratio Lower Upper

85 100

87 29.8 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

30000

25000

20000

15000

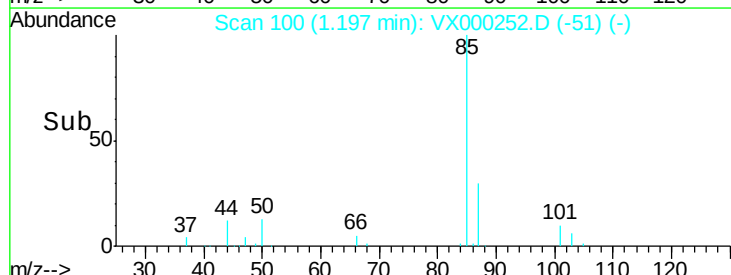
10000

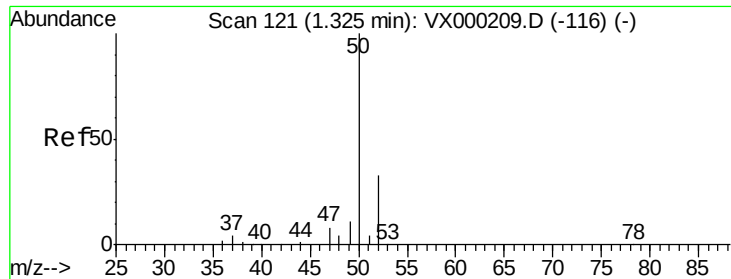
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 18.876 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

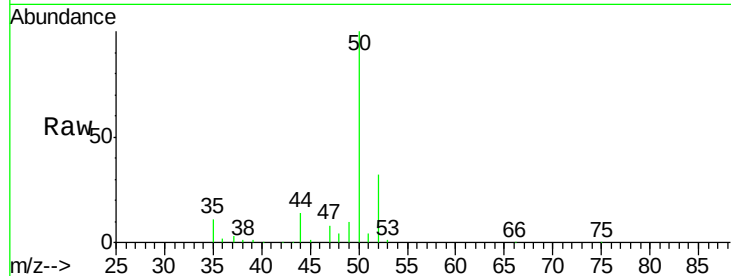
ClientSampleId :

Tot Ion: 50 Resp: 25764

Ion Ratio Lower Upper

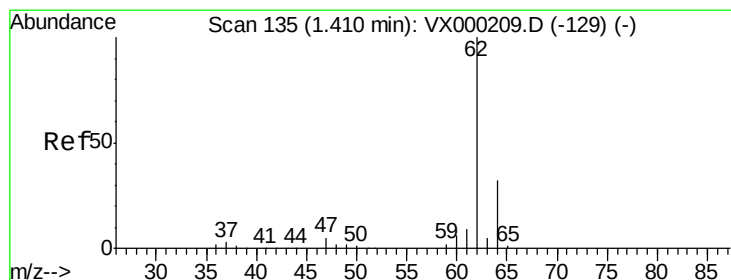
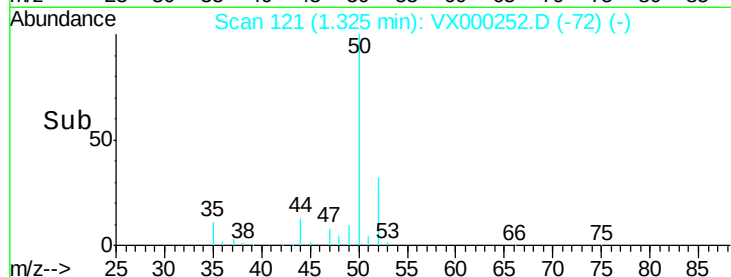
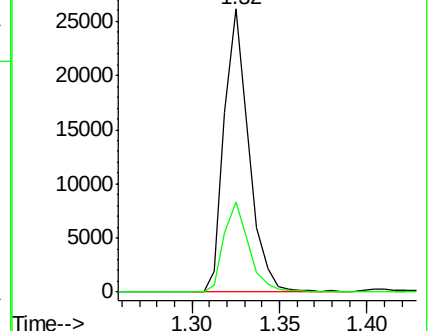
50 100

52 31.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.042 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000252.D

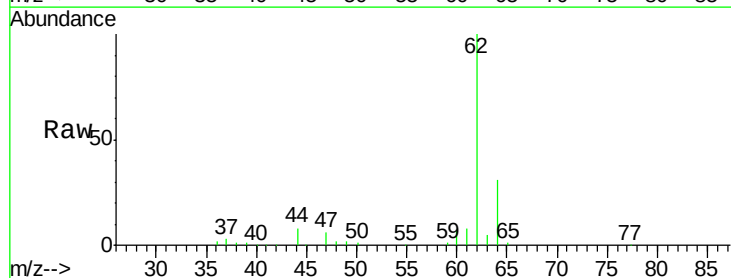
Acq: 09 Mar 2018 13:33

Tgt Ion: 62 Resp: 30290

Ion Ratio Lower Upper

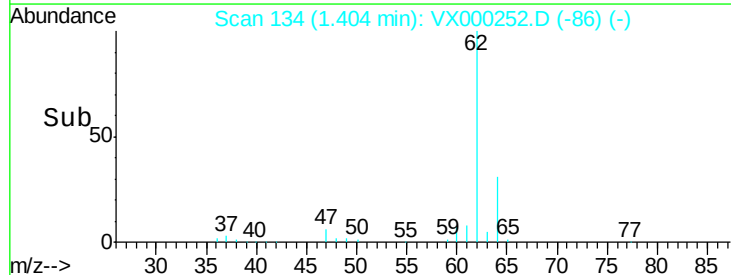
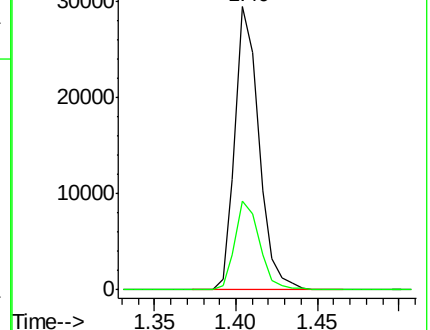
62 100

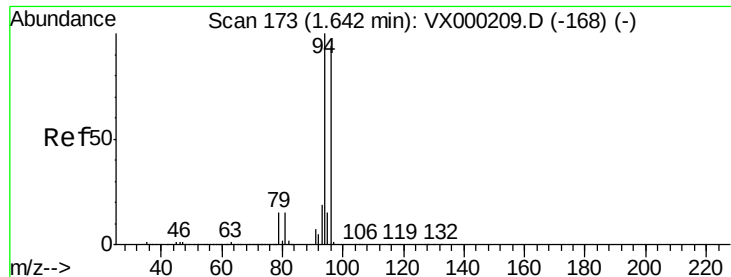
64 31.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.242 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

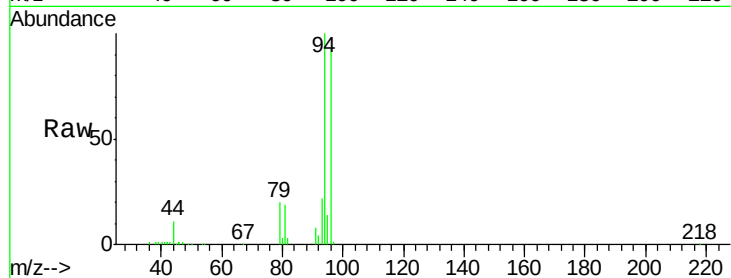
ClientSampleId :

Tot Ion: 94 Resp: 24828

Ion Ratio Lower Upper

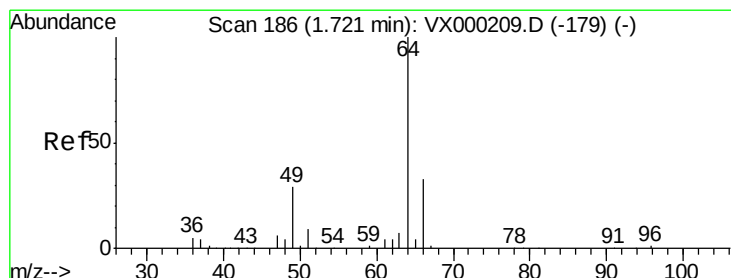
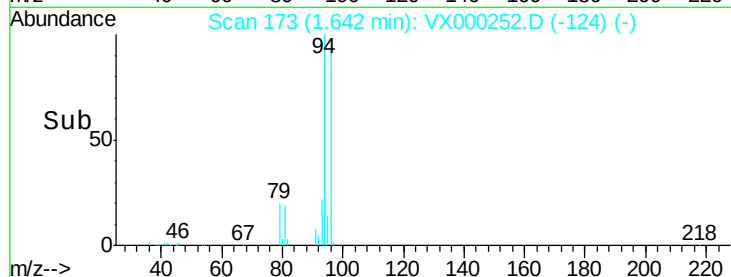
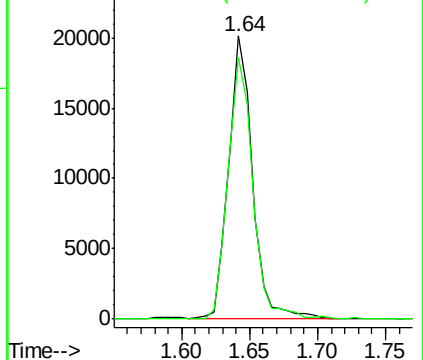
94 100

96 92.5 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.705 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000252.D

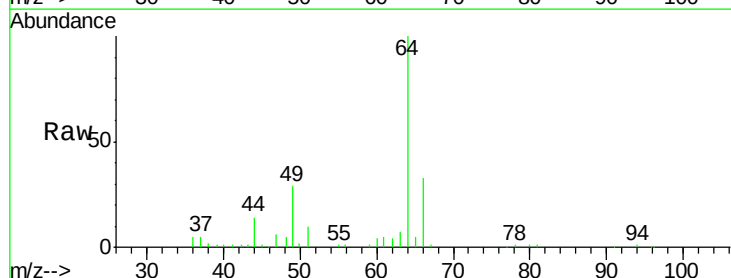
Acq: 09 Mar 2018 13:33

Tgt Ion: 64 Resp: 19828

Ion Ratio Lower Upper

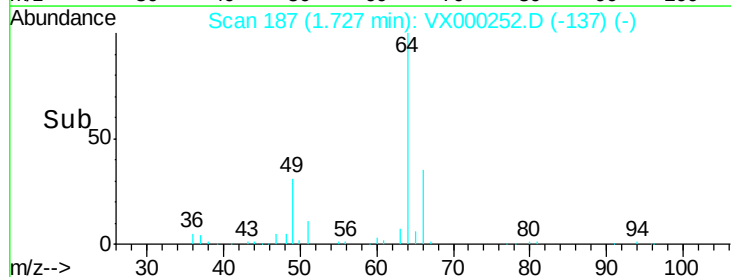
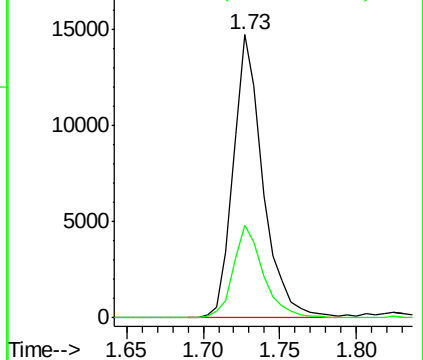
64 100

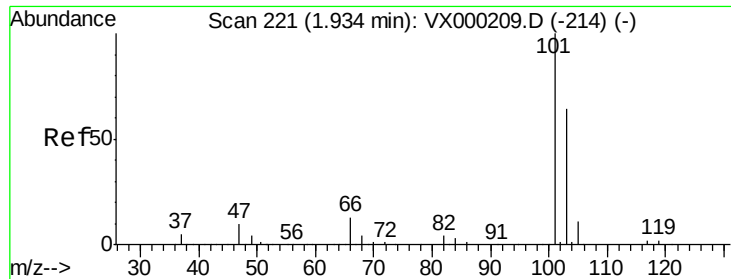
66 32.7 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



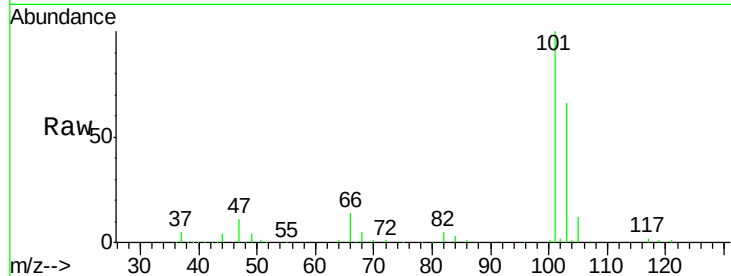


#7

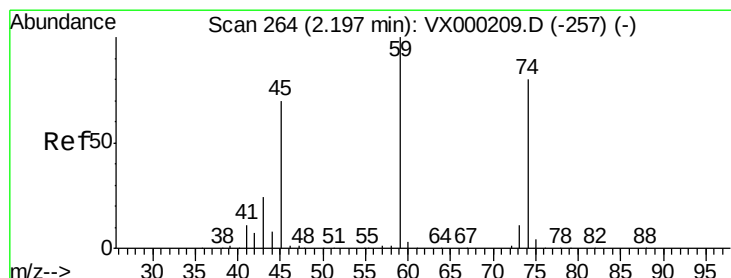
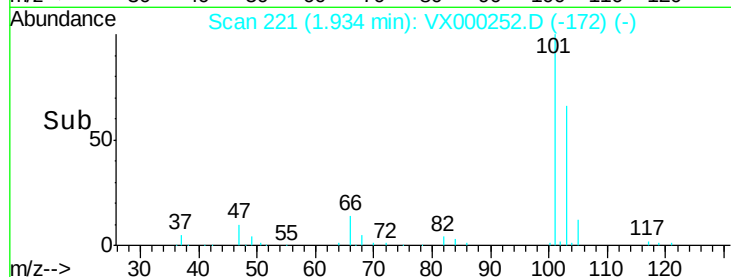
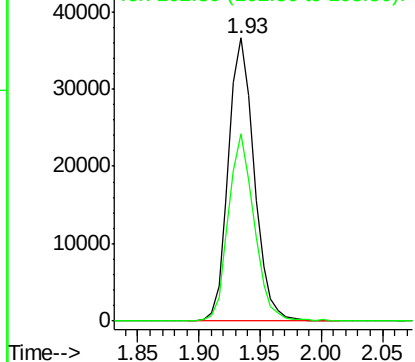
Trichlorofluoromethane
Concen: 20.229 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 53383
Ion Ratio Lower Upper
101 100
103 66.1 51.2 76.8



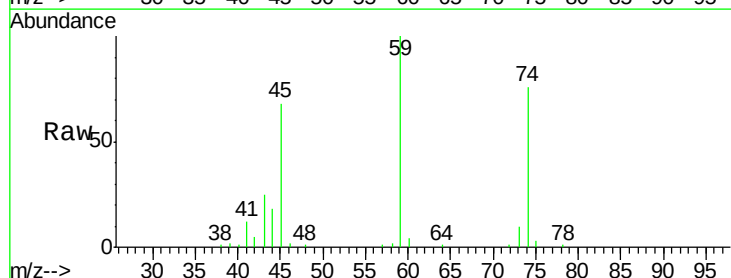
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



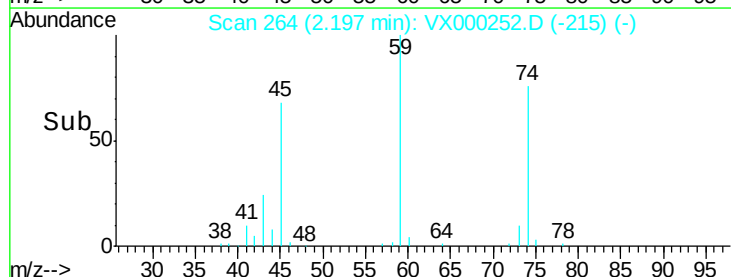
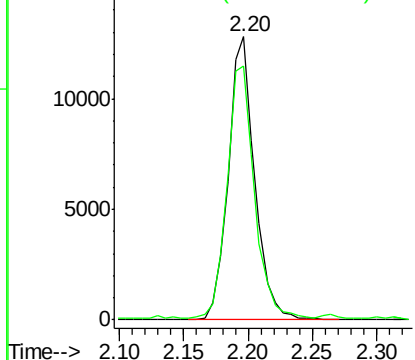
#8

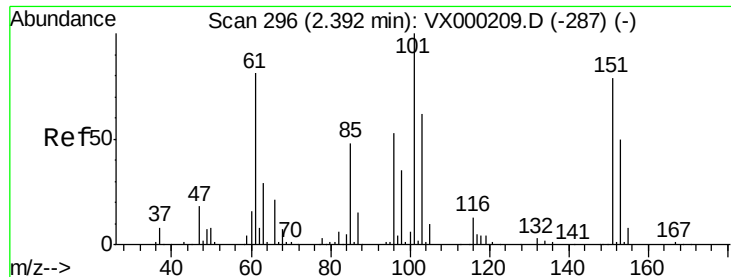
Diethyl Ether
Concen: 19.034 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion: 74 Resp: 18436
Ion Ratio Lower Upper
74 100
45 92.9 47.2 141.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.860 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

ClientSampleId :

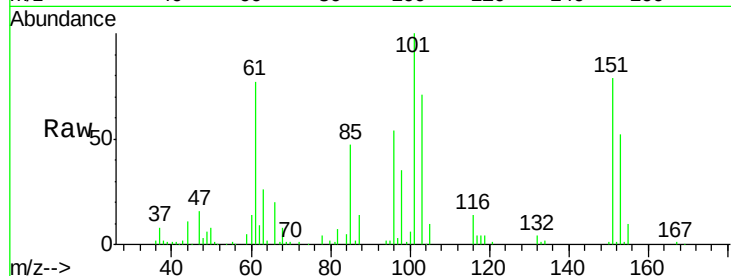
Tot Ion:101 Resp: 29272

Ion Ratio Lower Upper

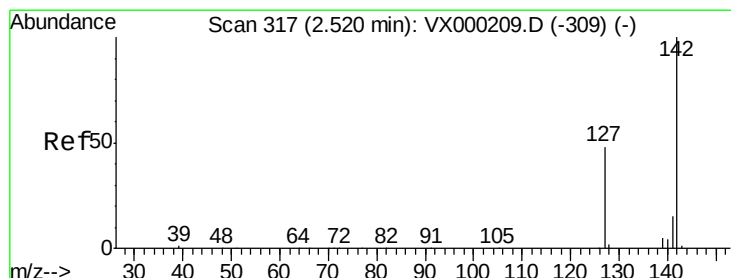
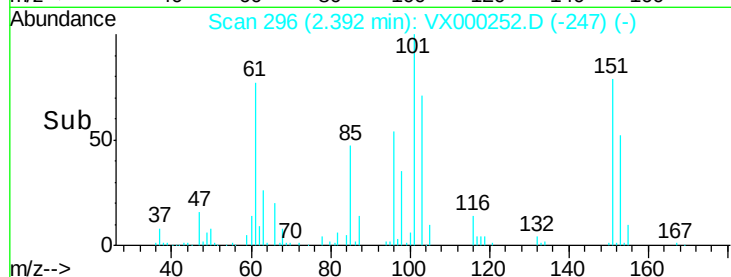
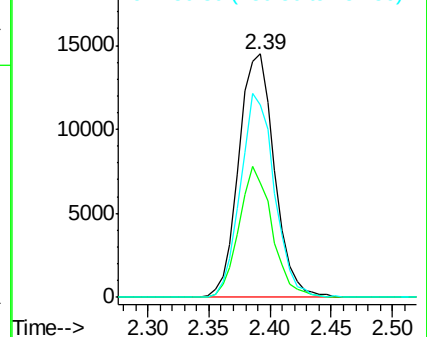
101 100

85 50.2 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: 16.962 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

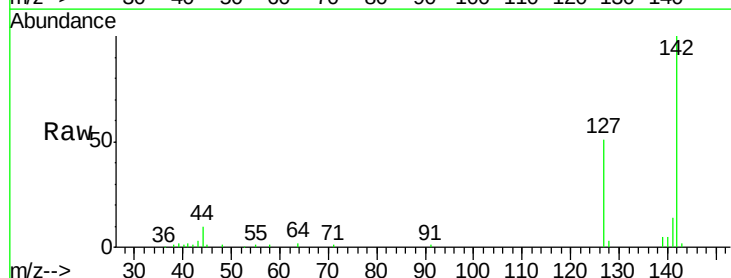
Tgt Ion:142 Resp: 22810

Ion Ratio Lower Upper

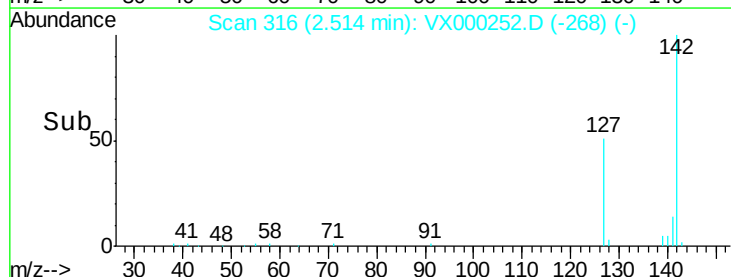
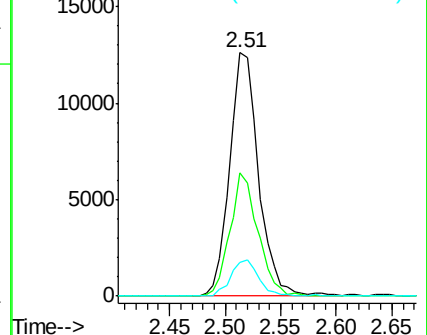
142 100

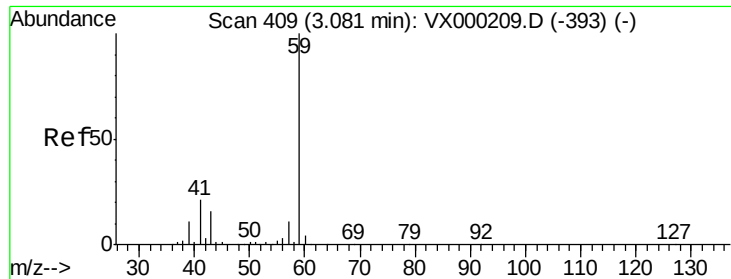
127 48.3 39.0 58.6

141 14.2 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



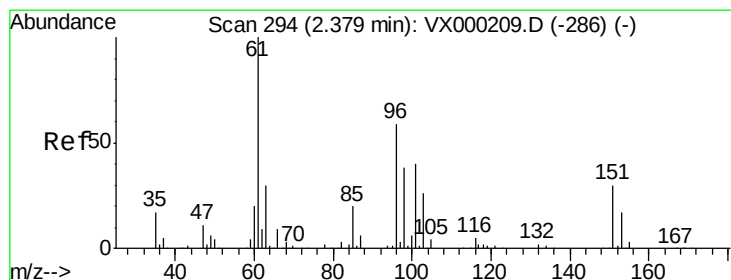
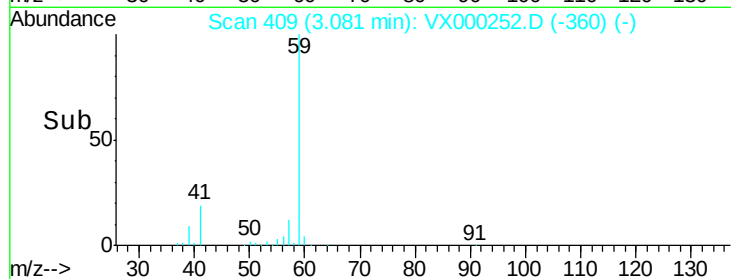
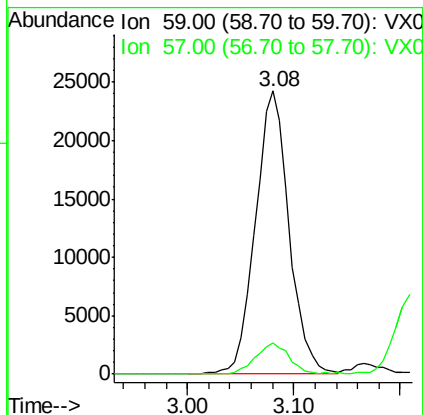
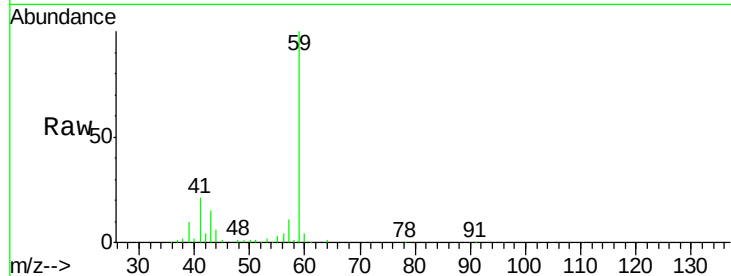


#11

Tert butyl alcohol
Concen: 82.030 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Instrument :
MSVOA_X
ClientSampled :

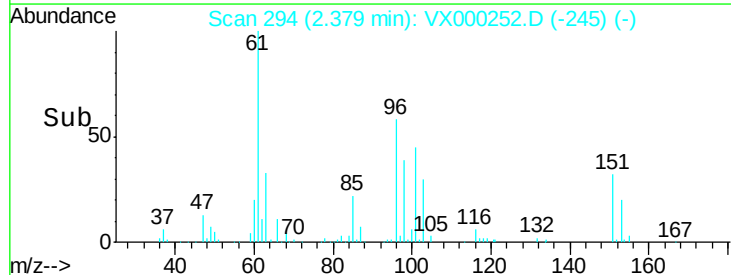
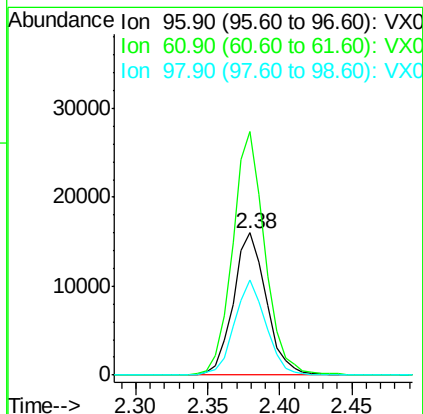
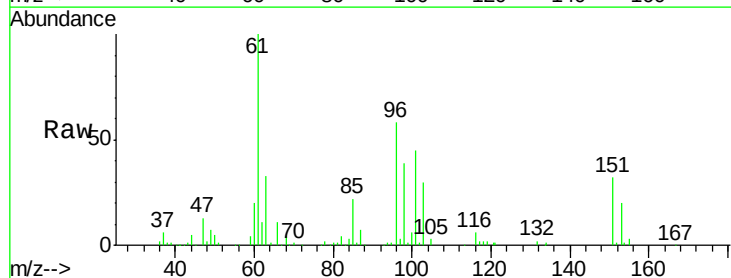
Tot Ion: 59 Resp: 53611
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6

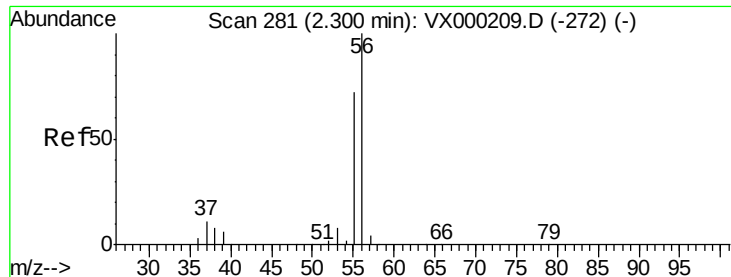


#12

1,1-Dichloroethene
Concen: 18.934 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion: 96 Resp: 25622
Ion Ratio Lower Upper
96 100
61 171.5 135.8 203.6
98 67.1 51.1 76.7





#13

Acrolein

Concen: 95.676 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

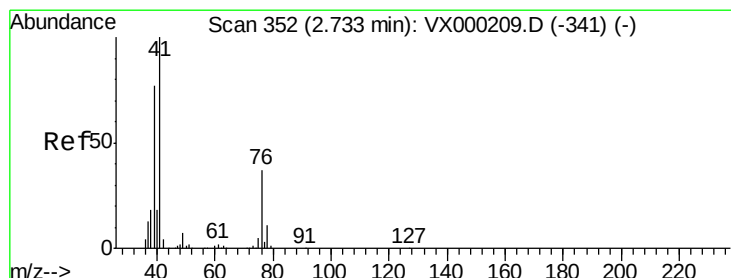
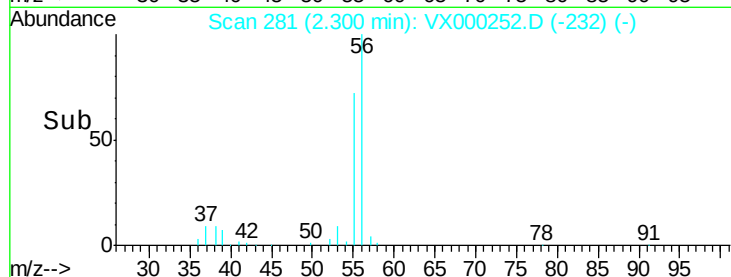
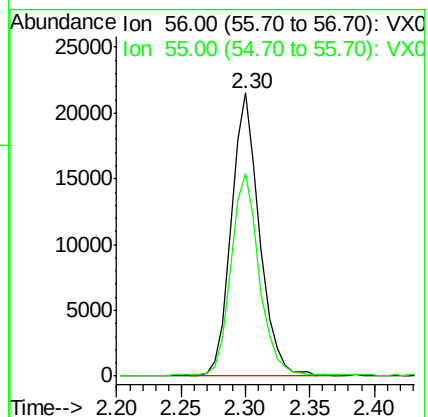
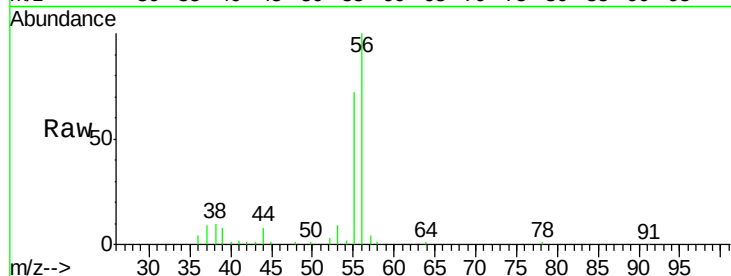
ClientSampleId :

Tot Ion: 56 Resp: 32874

Ion Ratio Lower Upper

56 100

55 72.9 59.2 88.8



#14

Allyl chloride

Concen: 19.328 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

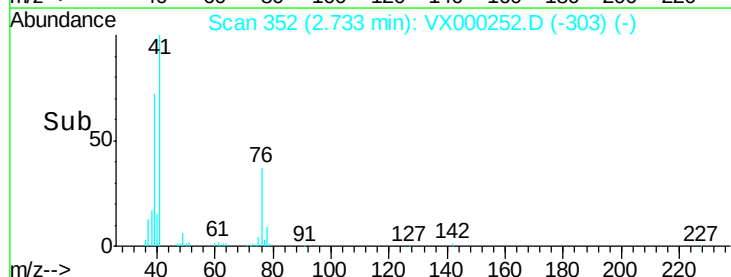
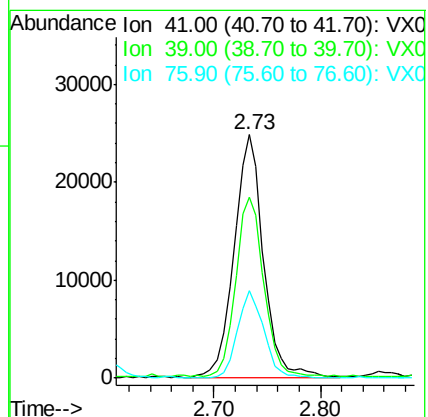
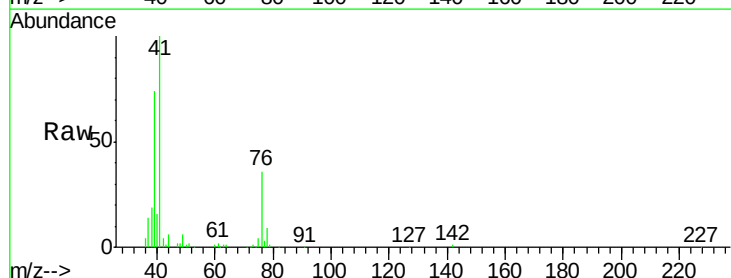
Tgt Ion: 41 Resp: 48316

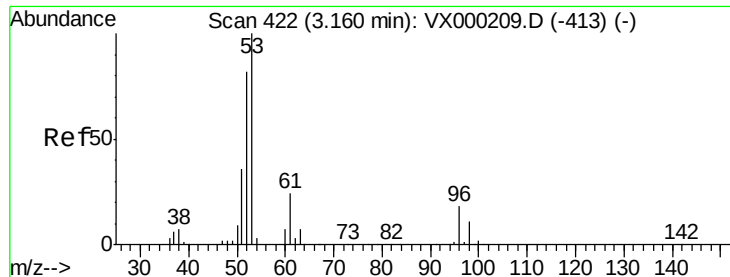
Ion Ratio Lower Upper

41 100

39 70.1 57.0 85.6

76 32.3 26.8 40.2





#15

Acrylonitrile

Concen: 93.302 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :
MSVOA_X
ClientSampleId :

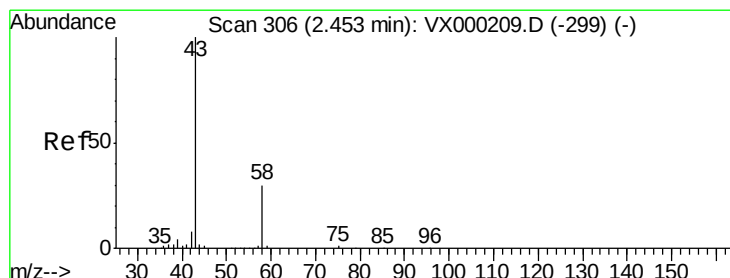
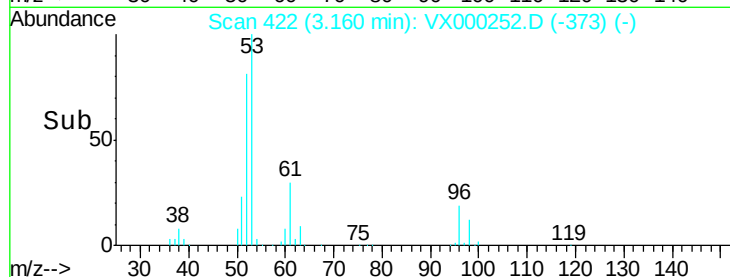
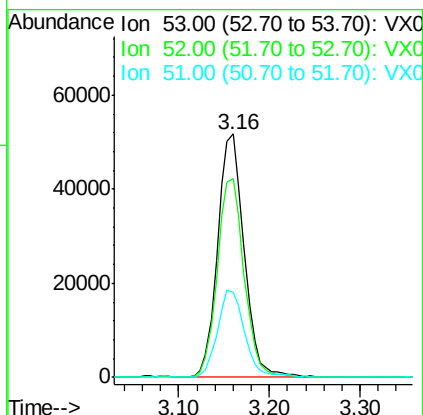
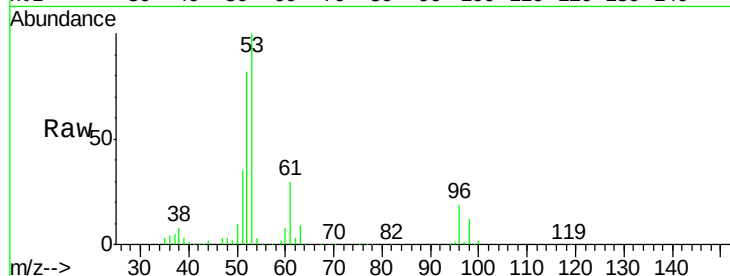
Tot Ion: 53 Resp: 106118

Ion Ratio Lower Upper

53 100

52 82.7 66.3 99.5

51 36.7 29.6 44.4



#16

Acetone

Concen: 92.316 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000252.D

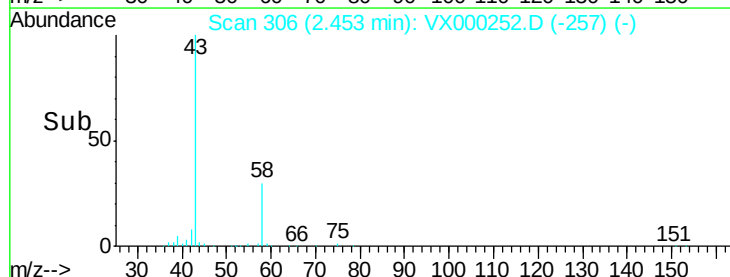
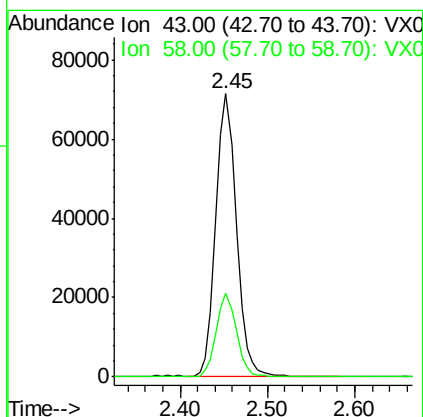
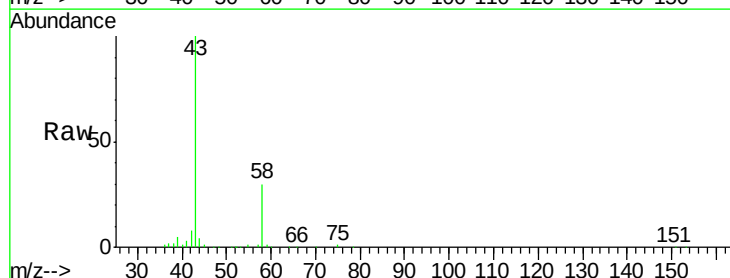
Acq: 09 Mar 2018 13:33

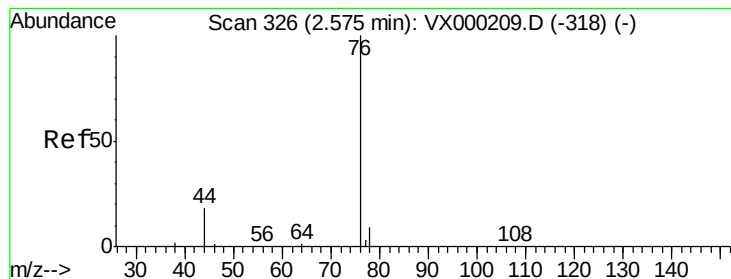
Tgt Ion: 43 Resp: 117918

Ion Ratio Lower Upper

43 100

58 29.6 23.8 35.6





#17

Carbon Disulfide

Concen: 17.496 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

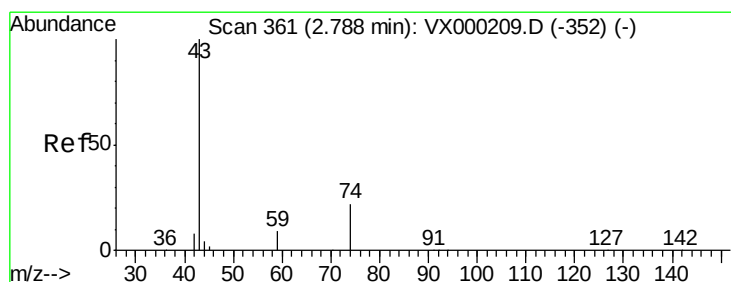
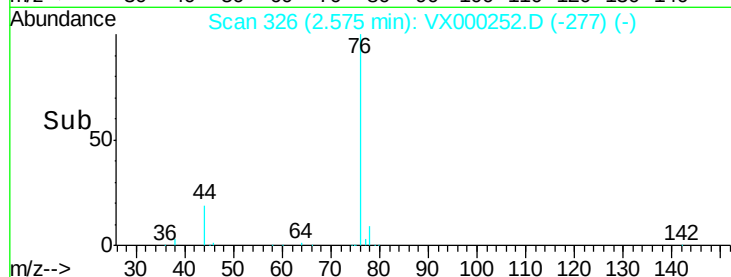
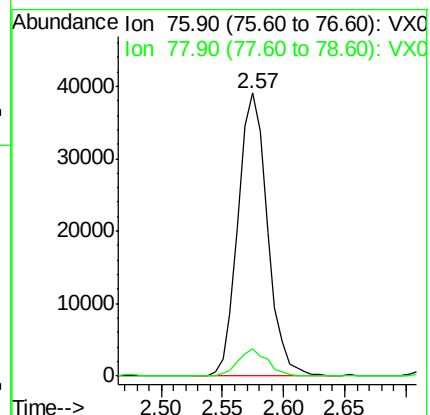
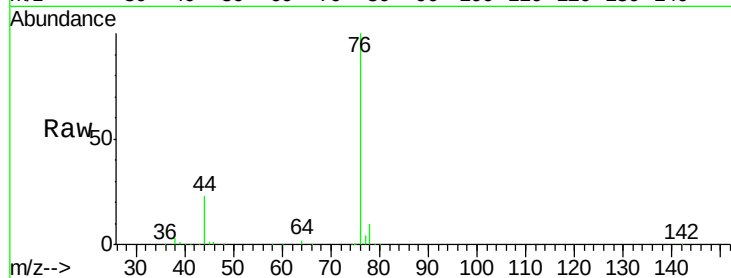
ClientSampleId :

Tot Ion: 76 Resp: 64874

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6



#18

Methyl Acetate

Concen: 18.647 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.00 min

Lab File: VX000252.D

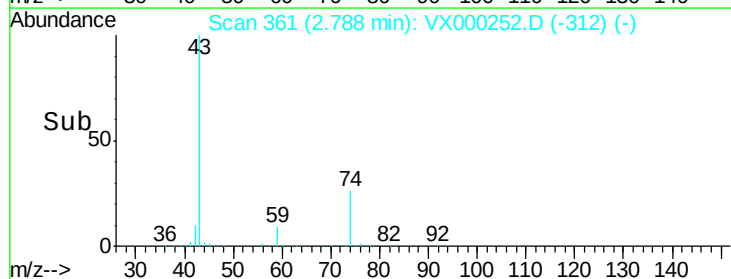
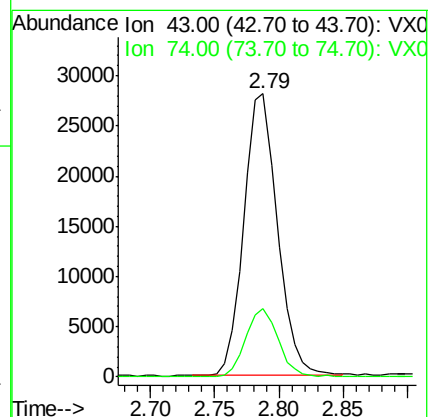
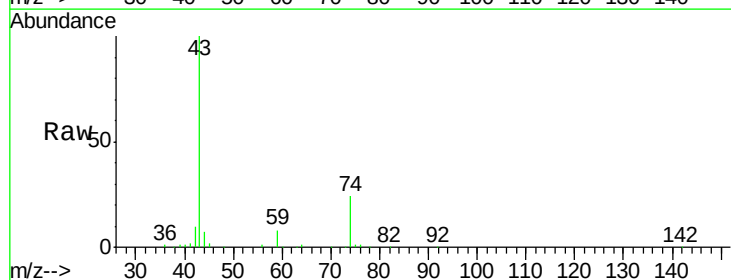
Acq: 09 Mar 2018 13:33

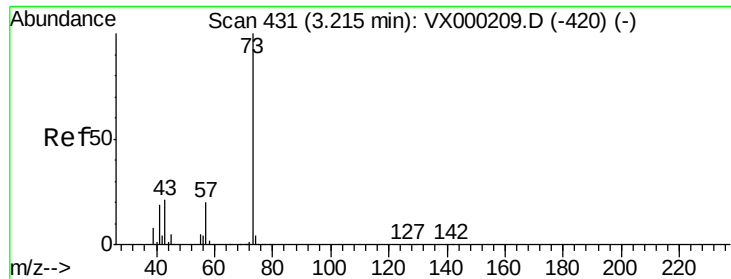
Tgt Ion: 43 Resp: 50725

Ion Ratio Lower Upper

43 100

74 23.4 18.9 28.3

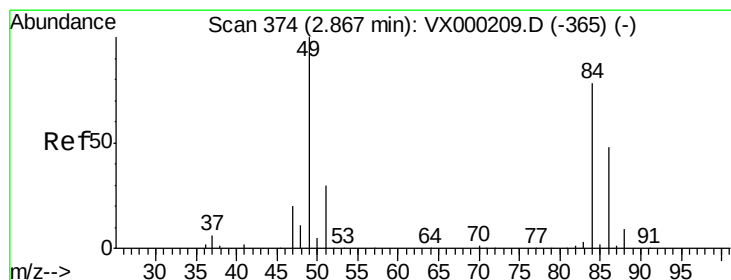
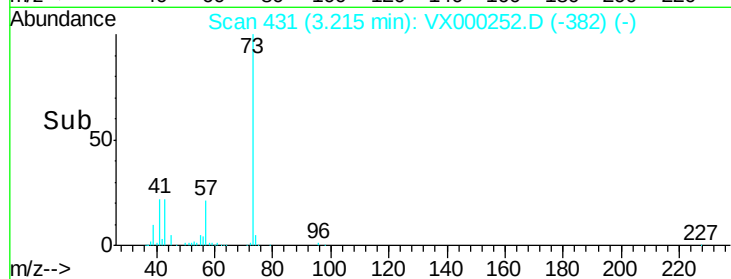
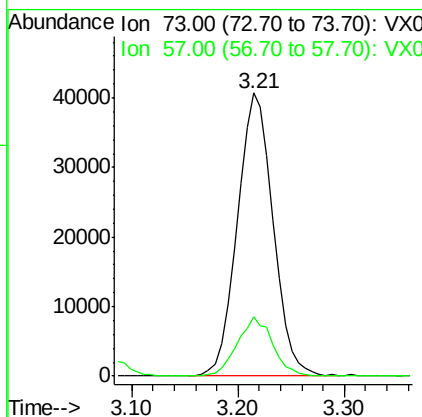
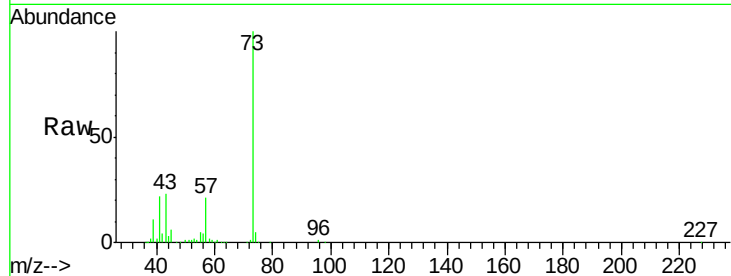




#19
Methyl tert-butyl Ether
Concen: 19.891 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

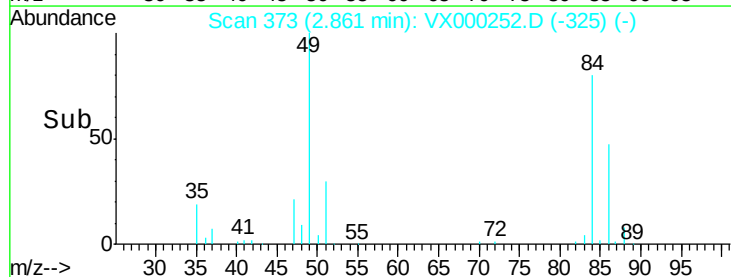
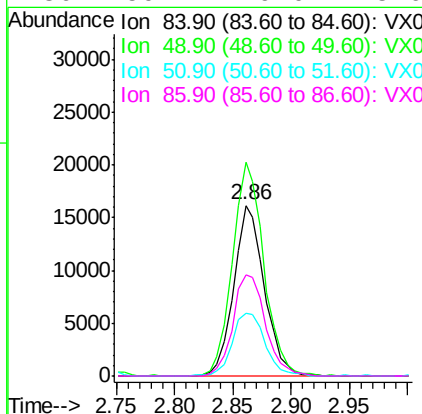
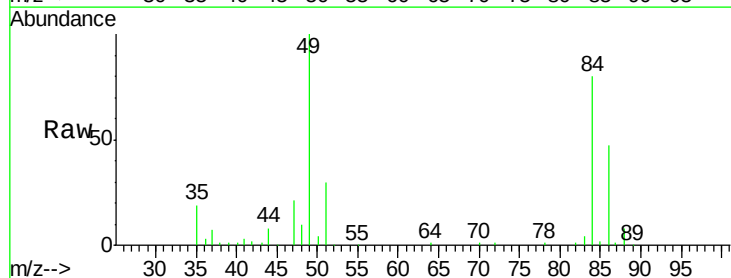
Instrument :
MSVOA_X
ClientSampleId :

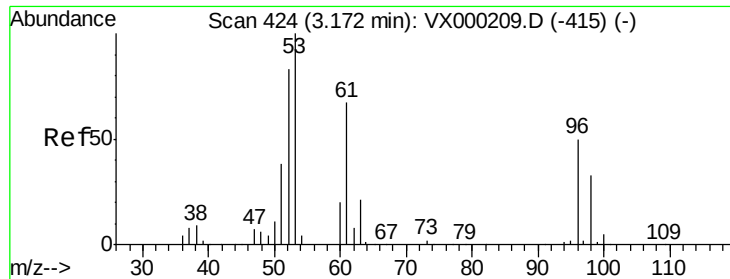
Tot Ion: 73 Resp: 95857
Ion Ratio Lower Upper
73 100
57 21.0 16.3 24.5



#20
Methylene Chloride
Concen: 19.371 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion: 84 Resp: 29509
Ion Ratio Lower Upper
84 100
49 125.1 102.1 153.1
51 37.1 30.6 45.8
86 59.1 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 18.580 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

ClientSampleId :

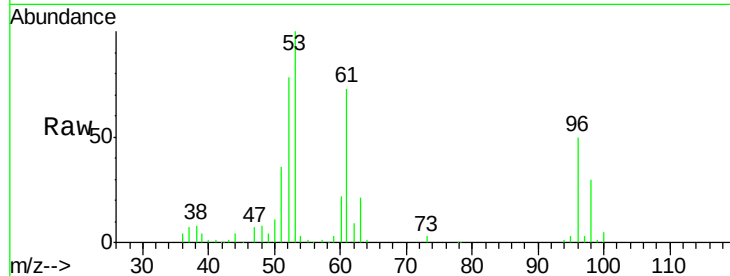
Tot Ion: 96 Resp: 27654

Ion Ratio Lower Upper

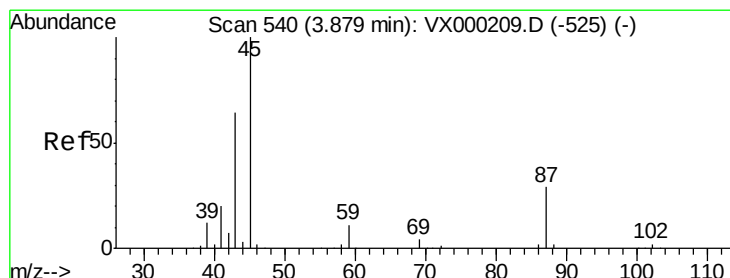
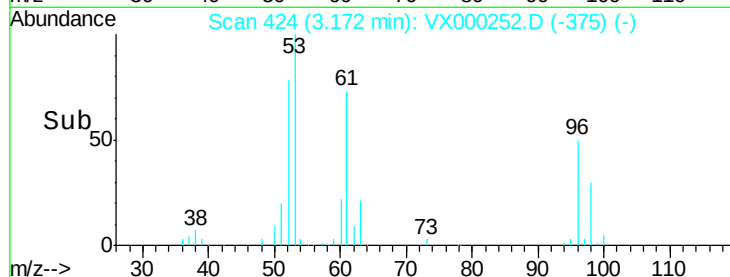
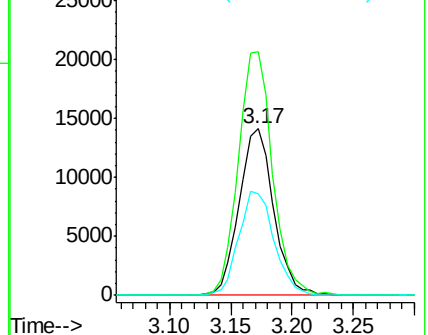
96 100

61 146.1 107.0 160.4

98 60.6 51.8 77.8



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



#22

Diisopropyl ether

Concen: 16.546 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Tgt Ion: 45 Resp: 71029

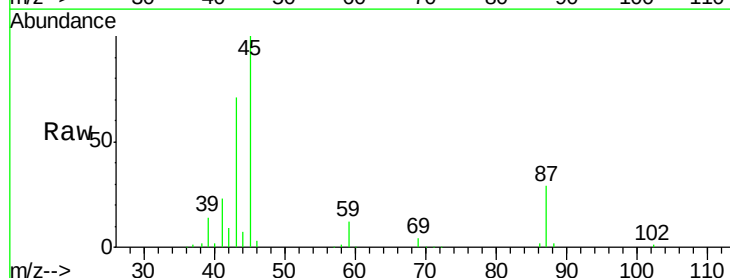
Ion Ratio Lower Upper

45 100

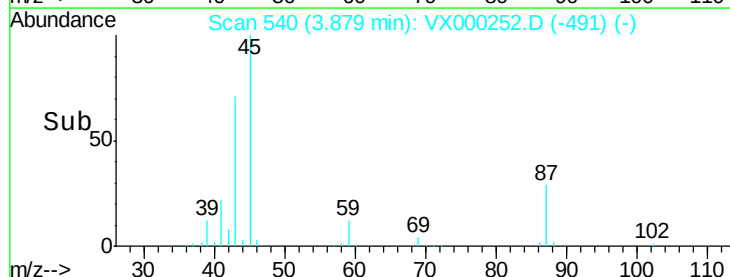
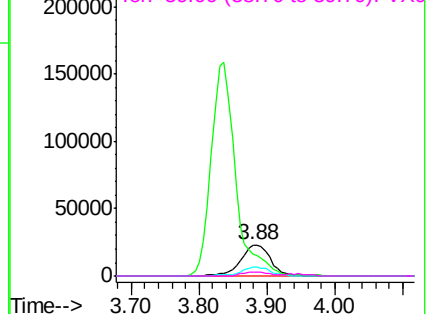
43 70.4 53.5 80.3

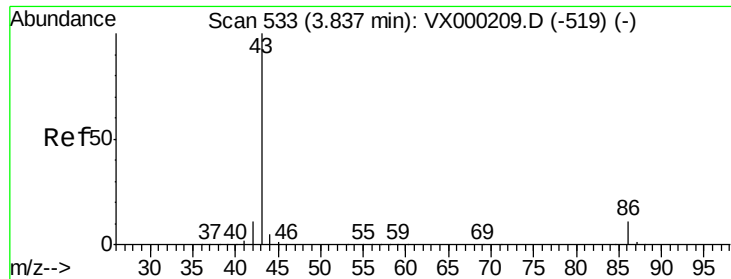
87 29.4 23.3 34.9

59 12.4 9.0 13.6



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





#23

Vinyl Acetate

Concen: 96.952 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

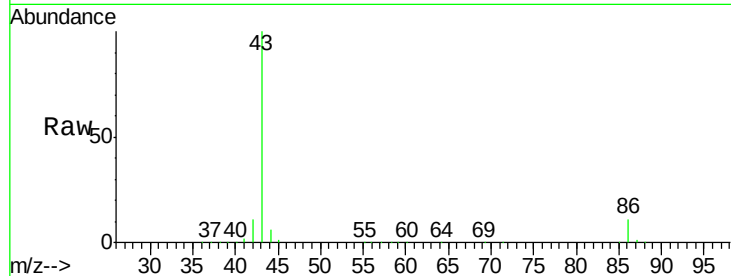
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 401119

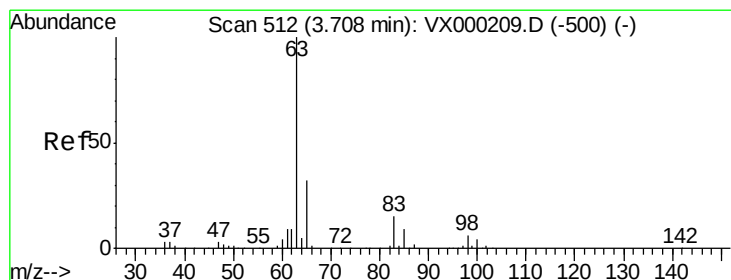
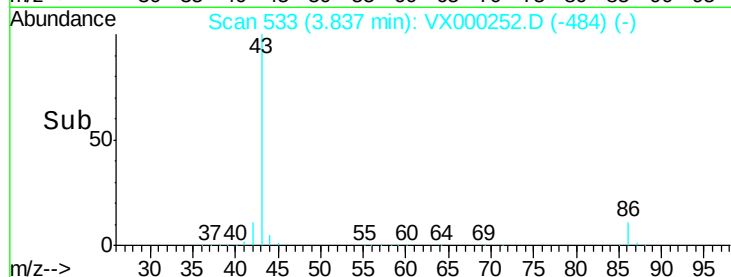
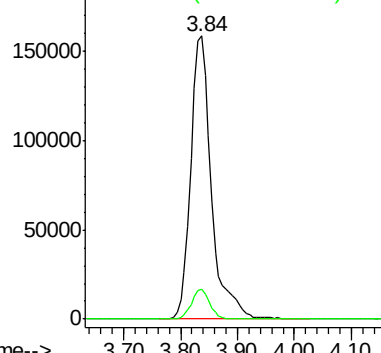
Ion Ratio Lower Upper

43 100

86 10.8 8.5 12.7



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



#24

1,1-Dichloroethane

Concen: 19.868 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

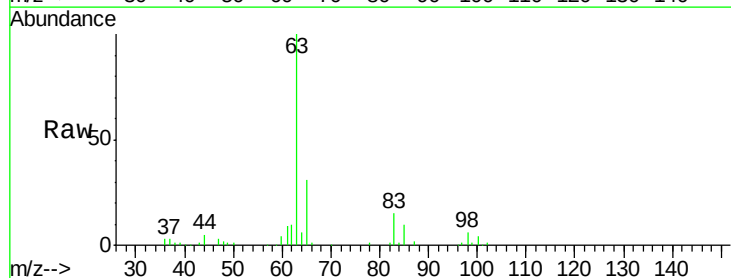
Tgt Ion: 63 Resp: 52287

Ion Ratio Lower Upper

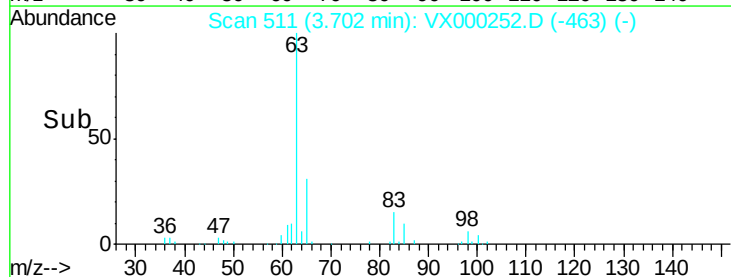
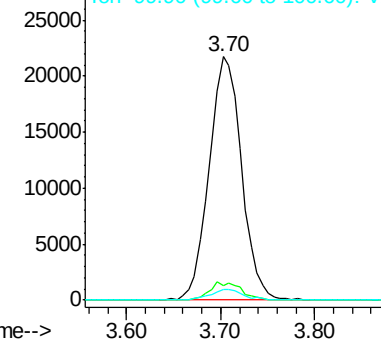
63 100

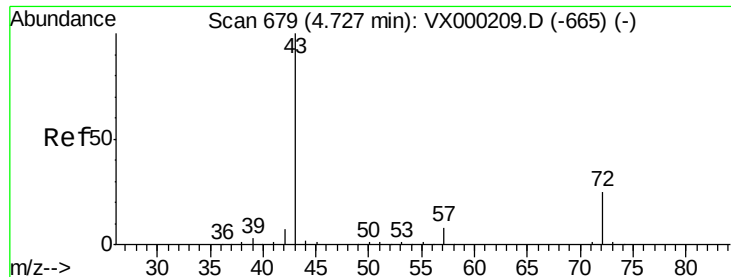
98 6.2 3.1 9.4

100 4.2 2.2 6.6



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





#25

2-Butanone

Concen: 83.793 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

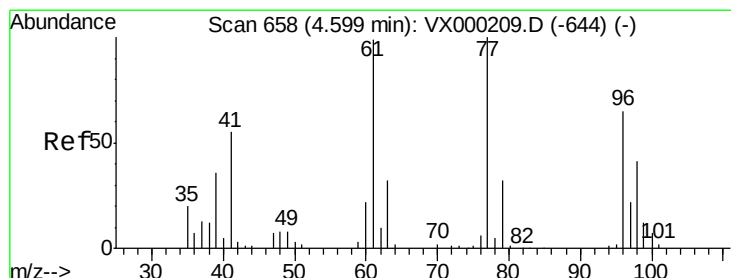
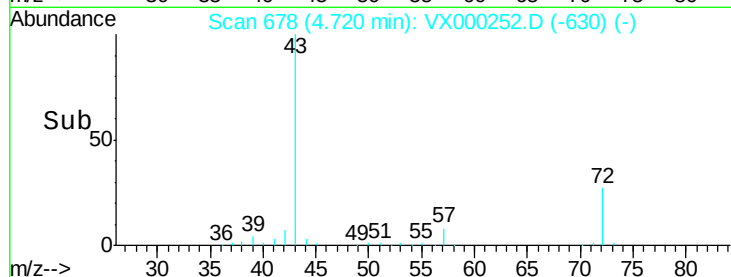
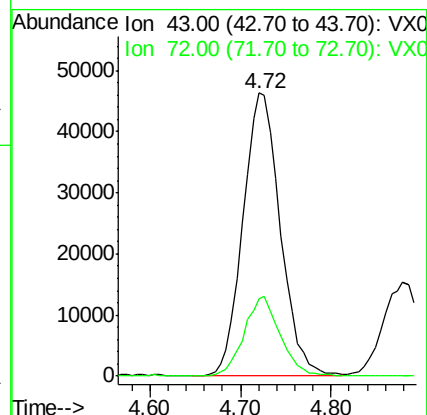
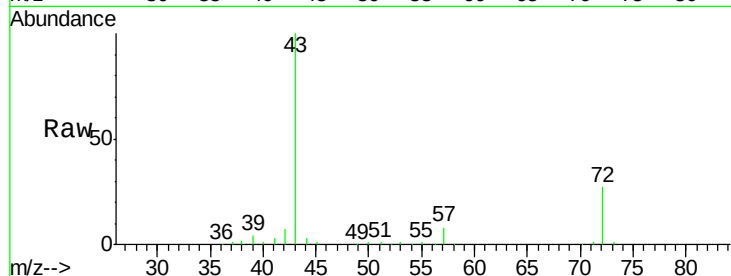
ClientSampleId :

Tot Ion: 43 Resp: 132086

Ion Ratio Lower Upper

43 100

72 27.4 20.2 30.2



#26

2,2-Dichloropropane

Concen: 17.693 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000252.D

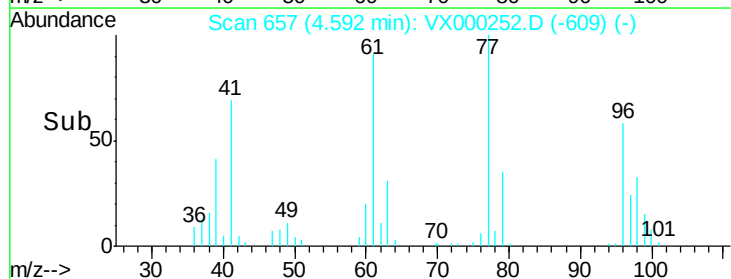
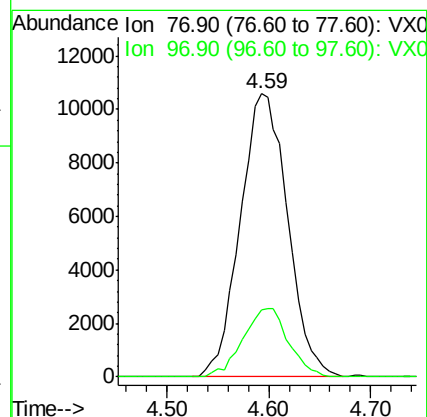
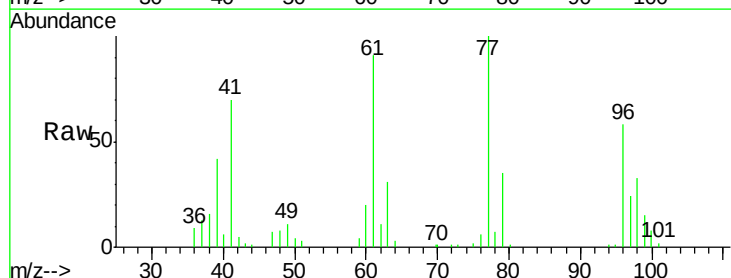
Acq: 09 Mar 2018 13:33

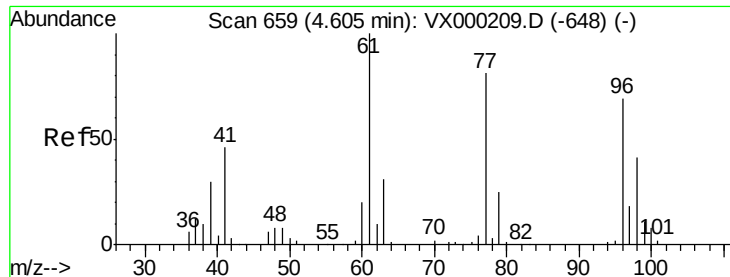
Tgt Ion: 77 Resp: 34033

Ion Ratio Lower Upper

77 100

97 23.4 11.4 34.1



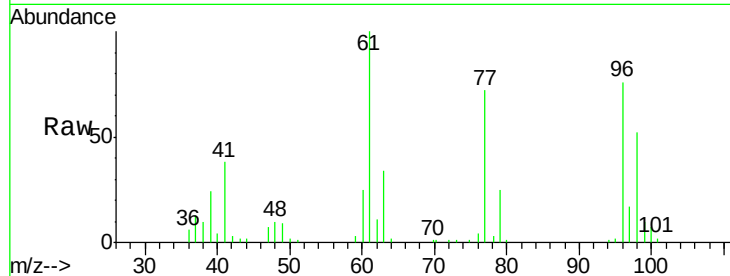


#27

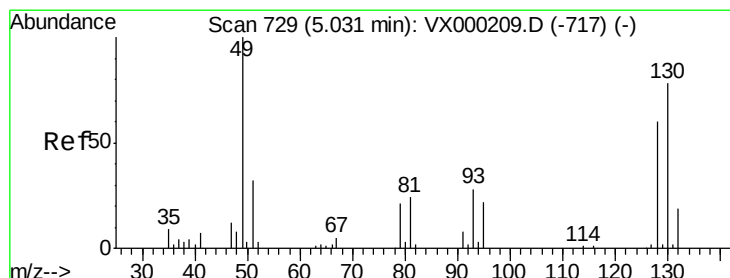
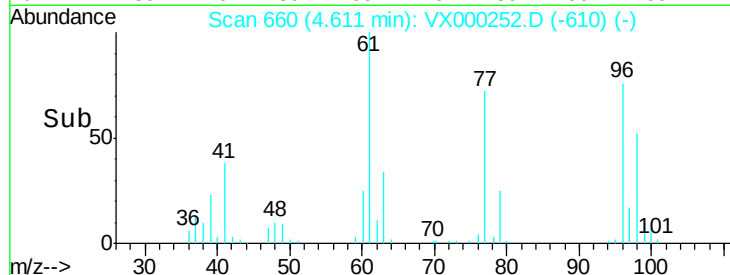
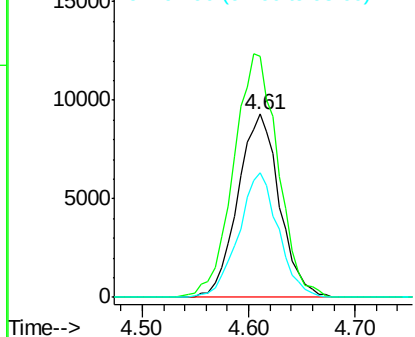
cis-1,2-Dichloroethene
Concen: 18.050 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 25472
Ion Ratio Lower Upper
96 100
61 141.3 0.0 296.4
98 64.9 0.0 130.6



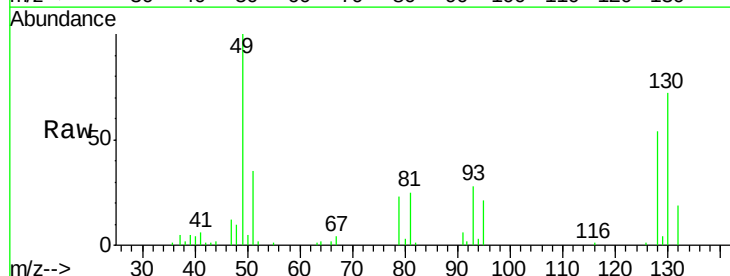
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



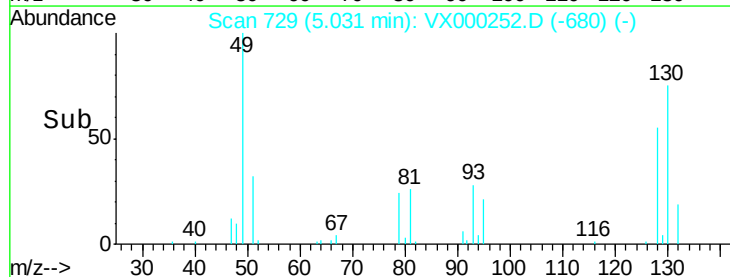
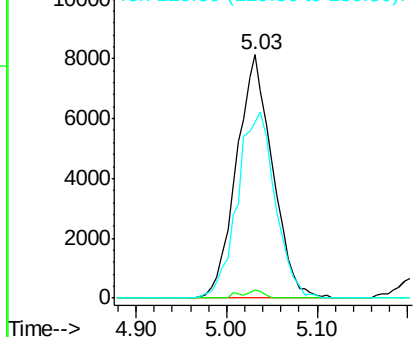
#28

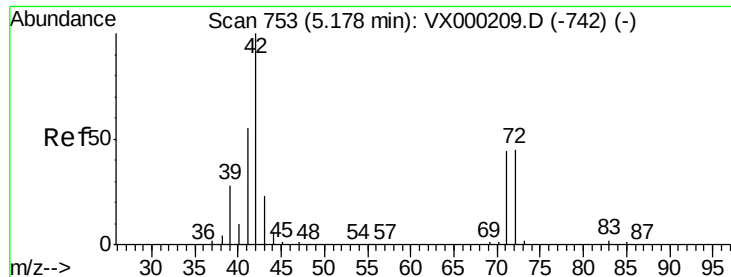
Bromochloromethane
Concen: 20.135 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion: 49 Resp: 22520
Ion Ratio Lower Upper
49 100
129 2.0 0.0 5.0
130 80.1 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

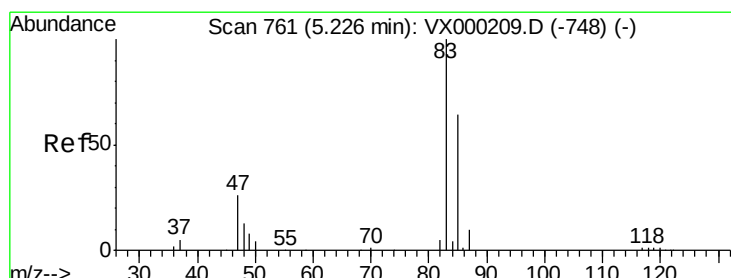
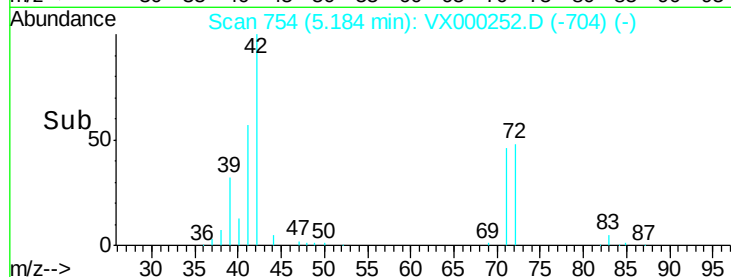
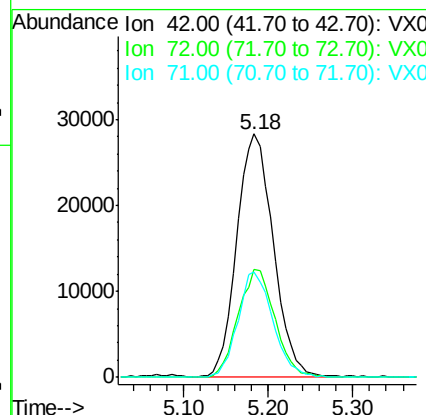
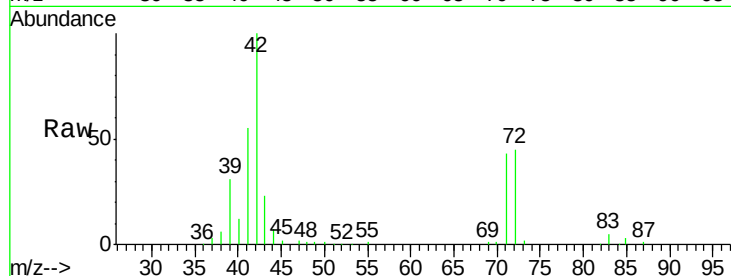




#29
Tetrahydrofuran
Concen: 83.583 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

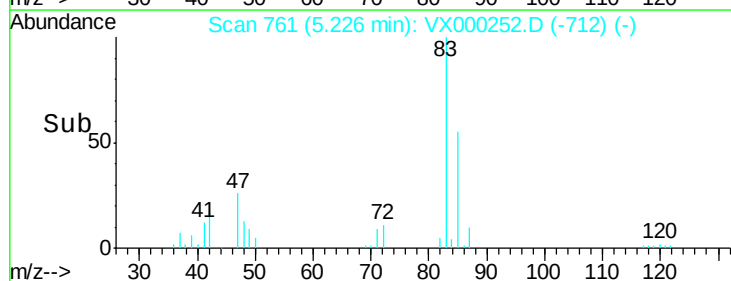
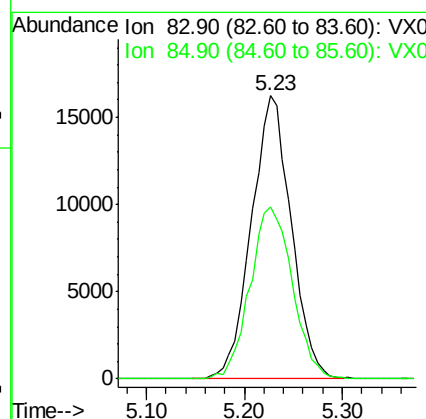
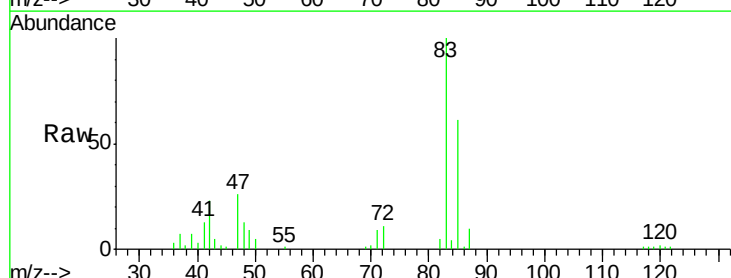
Instrument :
MSVOA_X
ClientSampled :

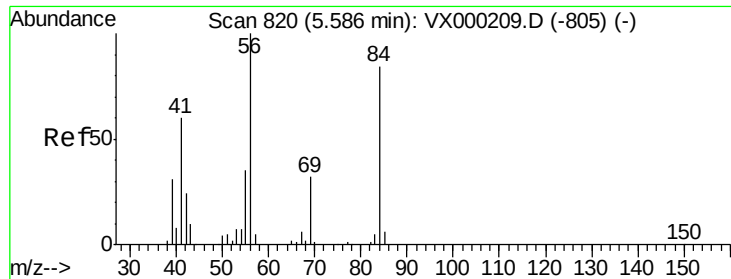
Tot Ion: 42 Resp: 82753
Ion Ratio Lower Upper
42 100
72 45.0 37.3 55.9
71 41.7 35.0 52.4



#30
Chloroform
Concen: 18.047 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion: 83 Resp: 45917
Ion Ratio Lower Upper
83 100
85 60.6 51.0 76.6





#31

Cyclohexane

Concen: 19.017 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :
MSVOA_X
ClientSampleId :

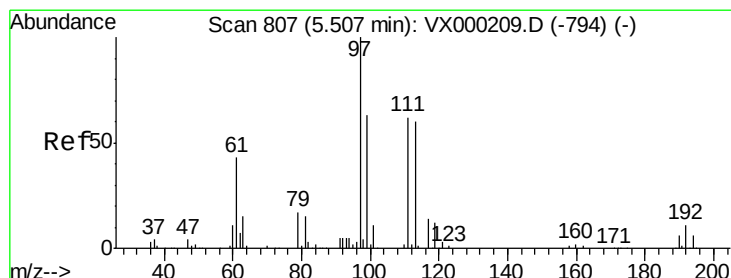
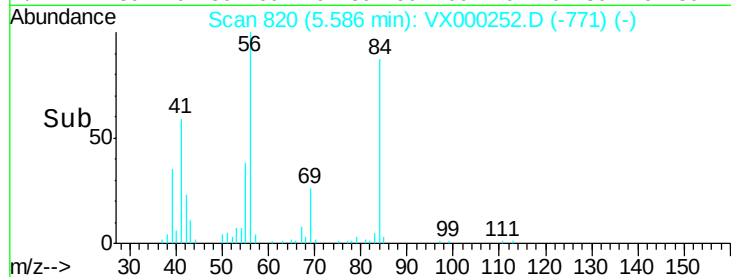
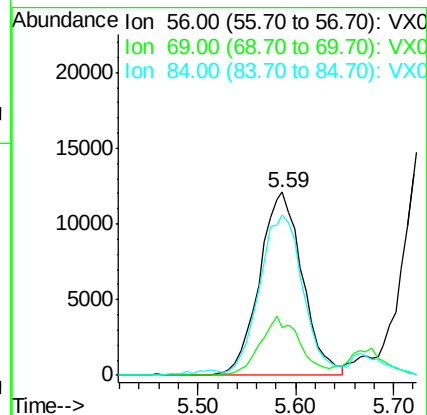
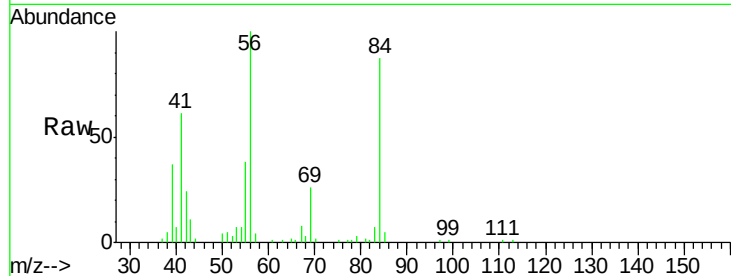
Tot Ion: 56 Resp: 37010

Ion Ratio Lower Upper

56 100

69 26.1 25.3 37.9

84 86.2 67.2 100.8



#32

1,1,1-Trichloroethane

Concen: 18.205 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

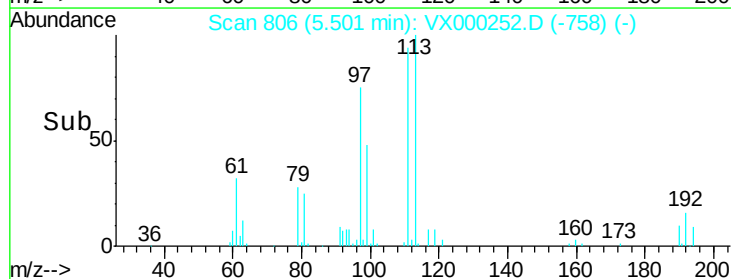
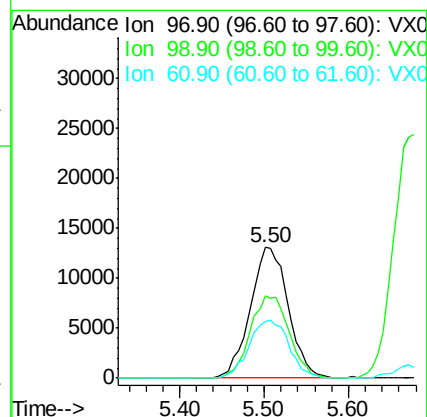
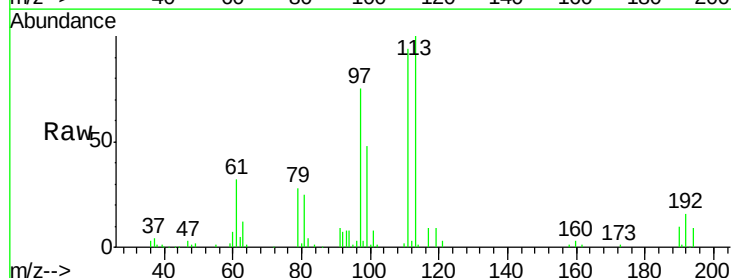
Tgt Ion: 97 Resp: 40162

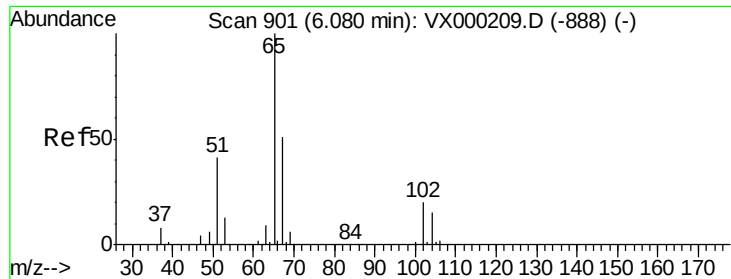
Ion Ratio Lower Upper

97 100

99 64.5 50.9 76.3

61 46.3 35.4 53.0

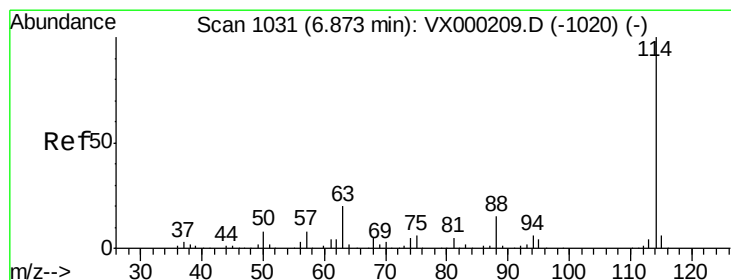
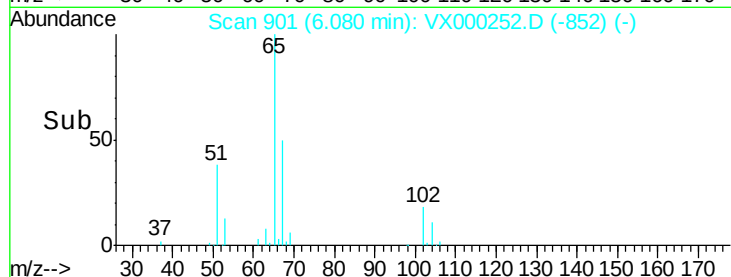
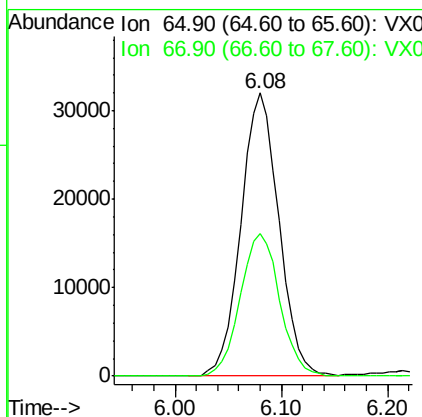
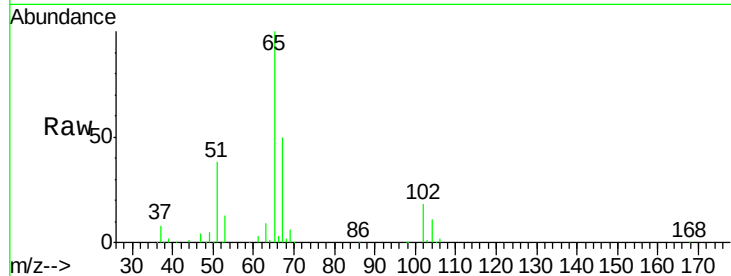




#33
 1,2-Dichloroethane-d4
 Concen: 45.045 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

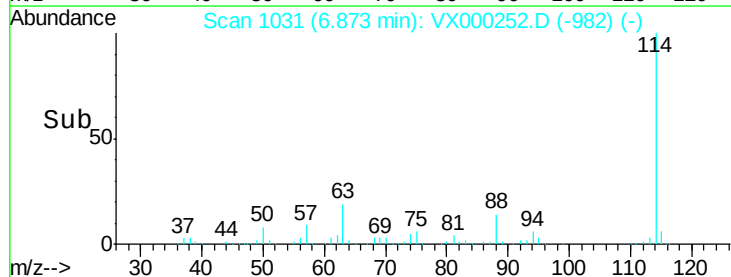
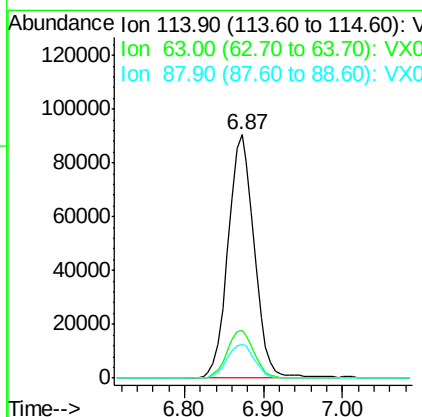
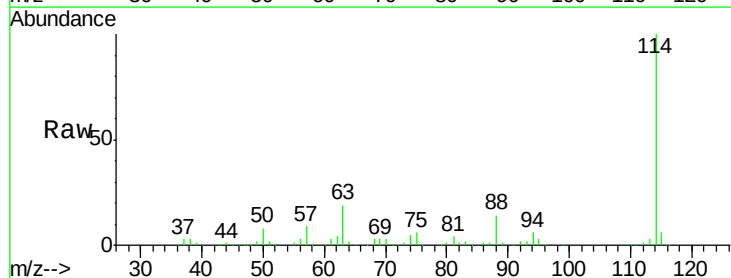
Instrument :
 MSVOA_X
 ClientSampleId :

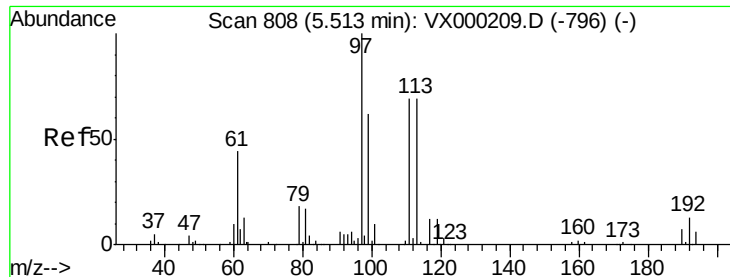
Tot Ion: 65 Resp: 80118
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Tgt Ion: 114 Resp: 208939
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 13.6 0.0 29.8

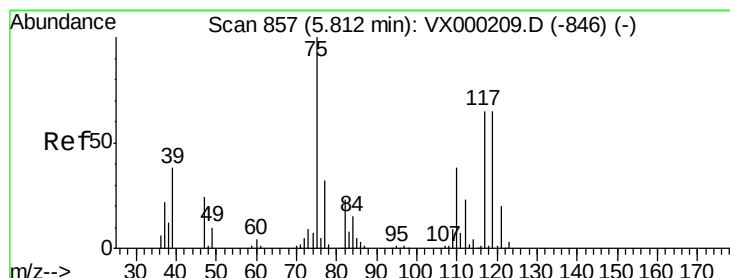
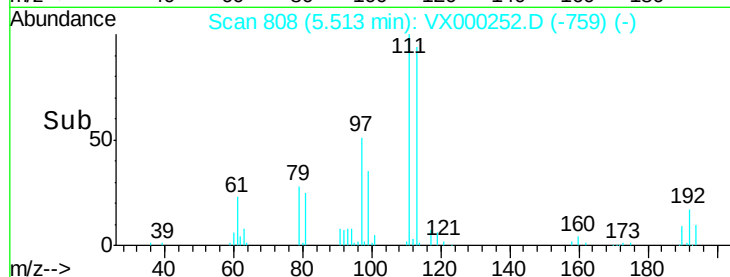
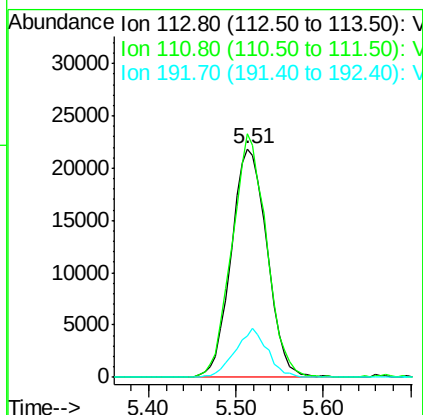
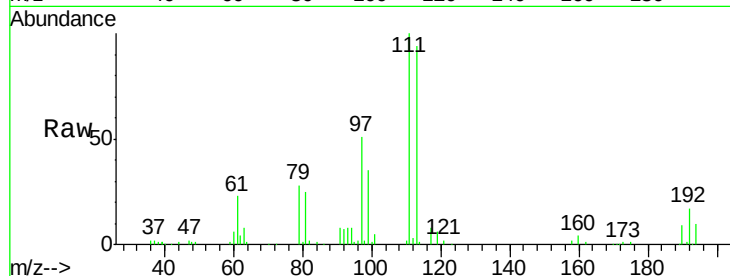




#35
 Dibromofluoromethane
 Concen: 47.345 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

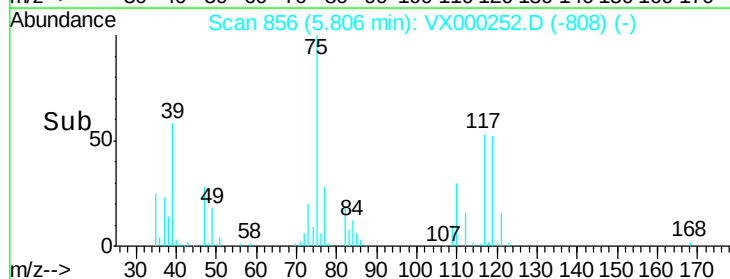
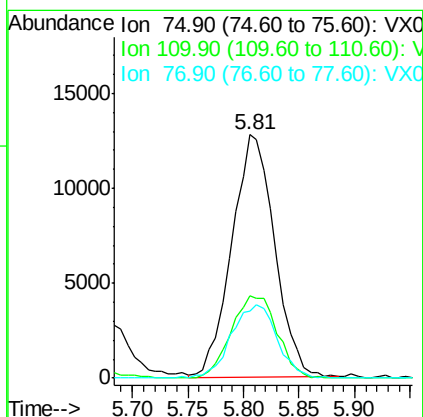
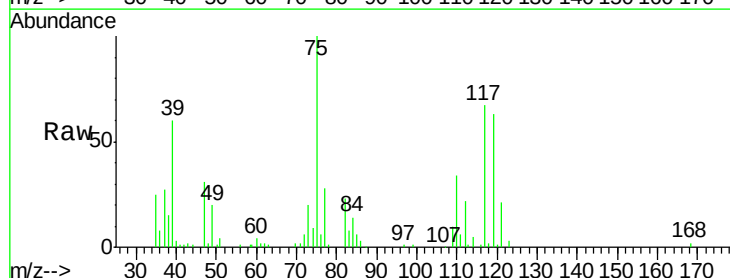
Instrument :
 MSVOA_X
 ClientSampled :

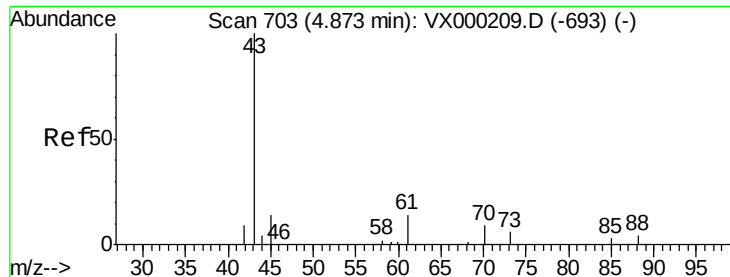
Tot Ion:113 Resp: 62139
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.0 124.6
 192 19.3 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 18.346 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Tgt Ion: 75 Resp: 34107
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.8 53.5
 77 32.2 24.9 37.3

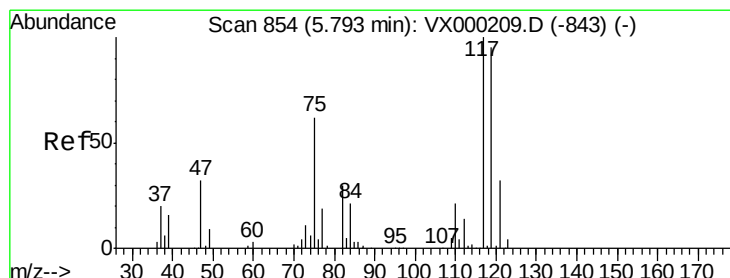
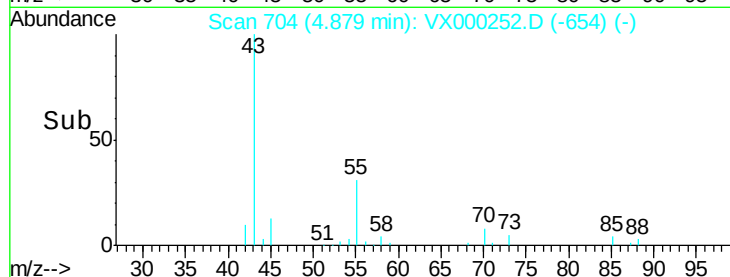
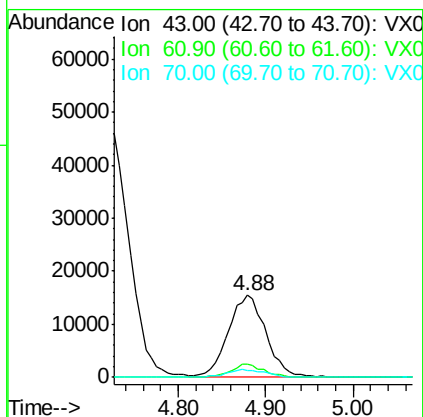
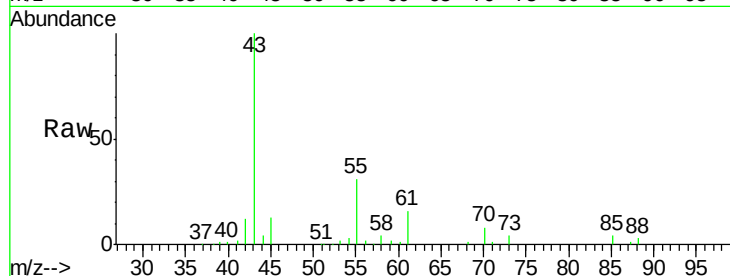




#37
Ethyl Acetate
Concen: 17.032 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

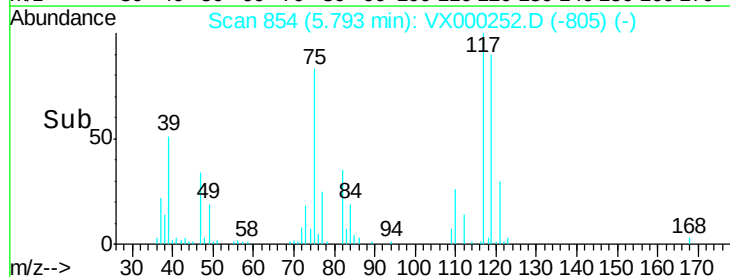
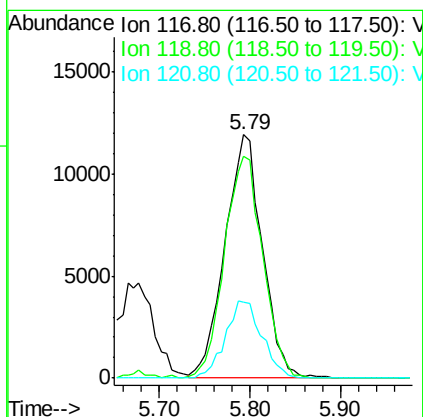
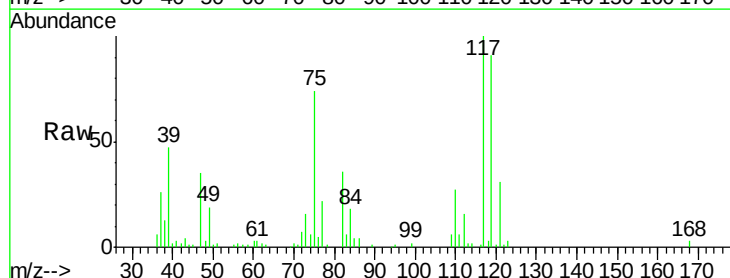
Instrument :
MSVOA_X
ClientSampled :

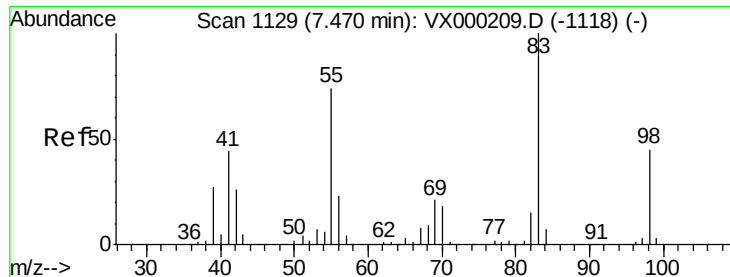
Tot Ion: 43 Resp: 45759
Ion Ratio Lower Upper
43 100
61 14.4 11.0 16.6
70 9.4 7.8 11.6



#38
Carbon Tetrachloride
Concen: 18.175 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion: 117 Resp: 34195
Ion Ratio Lower Upper
117 100
119 91.3 75.9 113.9
121 31.0 25.8 38.6

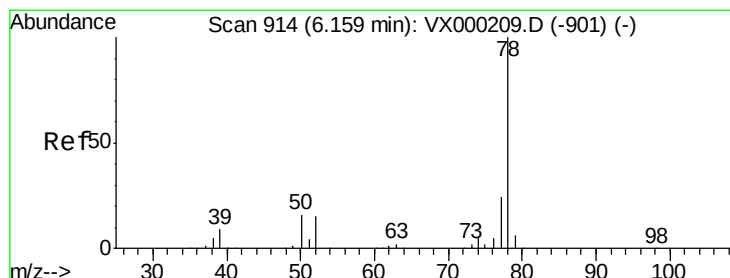
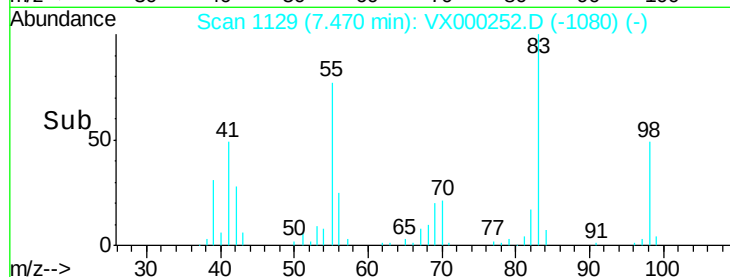
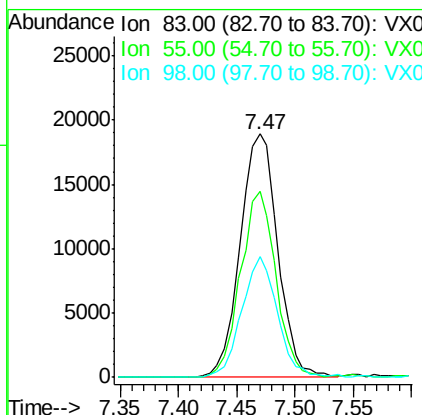
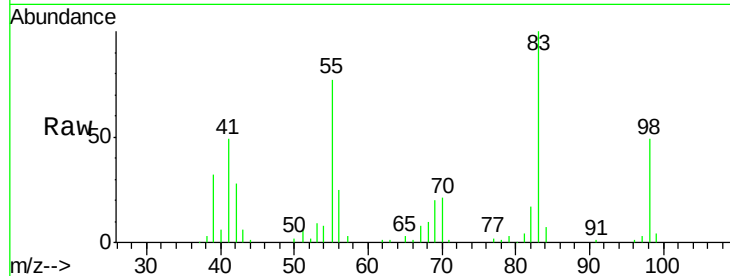




#39
Methylvlcyclohexane
Concen: 18.644 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

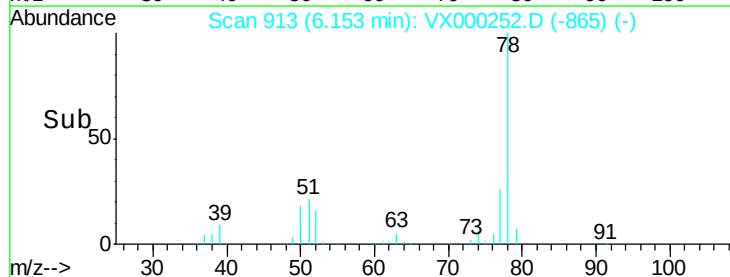
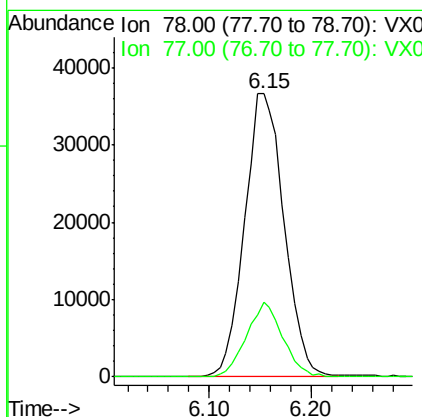
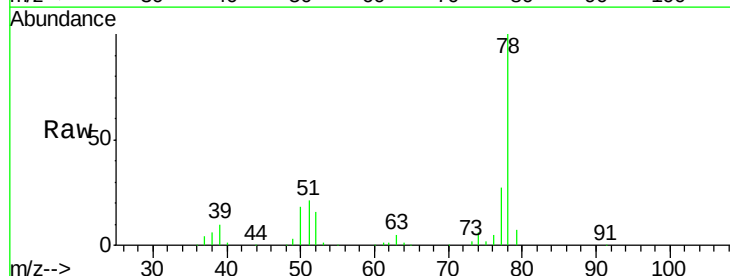
Instrument :
MSVOA_X
ClientSampled :

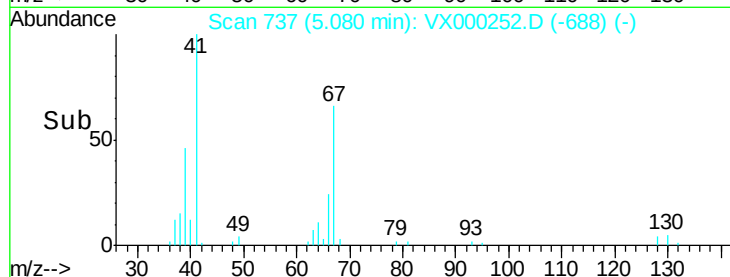
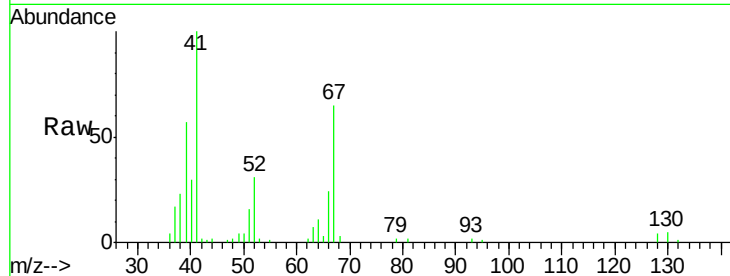
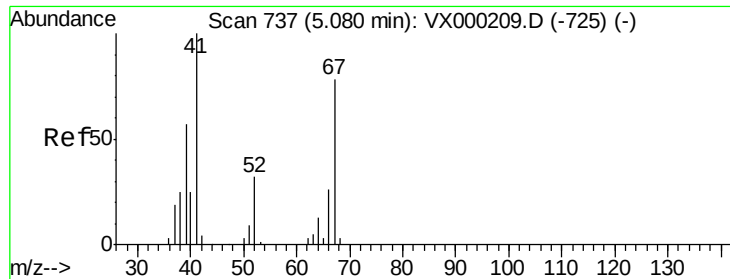
Tot Ion: 83 Resp: 42530
Ion Ratio Lower Upper
83 100
55 76.6 59.4 89.0
98 49.5 36.3 54.5



#40
Benzene
Concen: 18.359 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

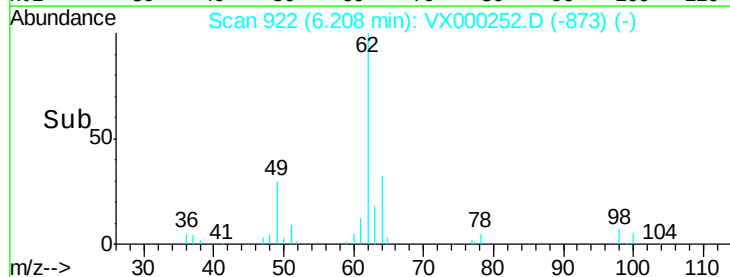
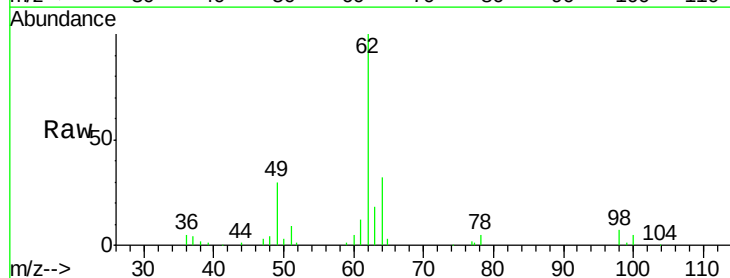
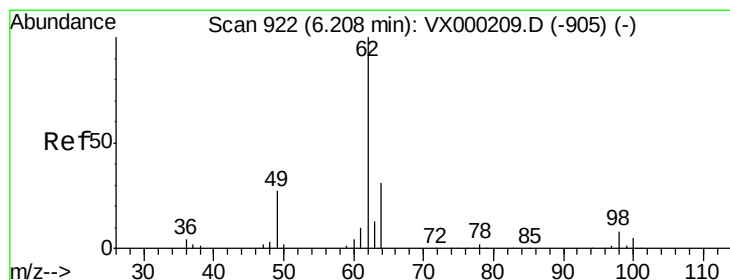
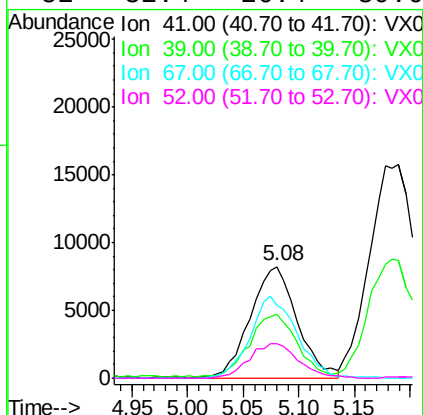
Tgt Ion: 78 Resp: 98441
Ion Ratio Lower Upper
78 100
77 26.6 19.4 29.2





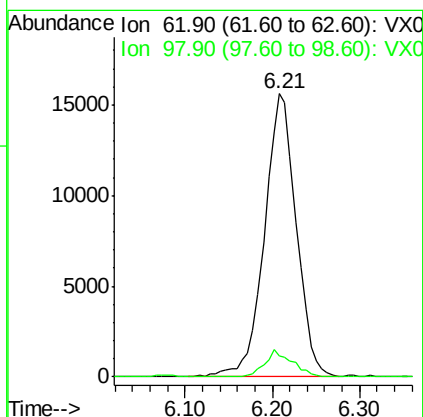
#41
Methacrylonitrile
Concen: 17.710 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

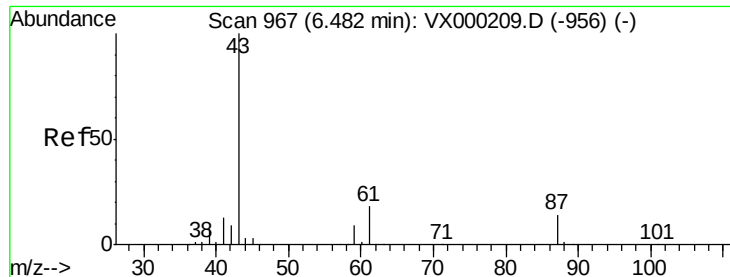
Tot Ion:	41	Resp:	24254
Ion	Ratio	Lower	Upper
41	100		
39	55.1	47.8	71.6
67	71.9	59.3	88.9
52	32.4	26.4	39.6



#42
1,2-Dichloroethane
Concen: 18.759 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion:	62	Resp:	39453
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.2



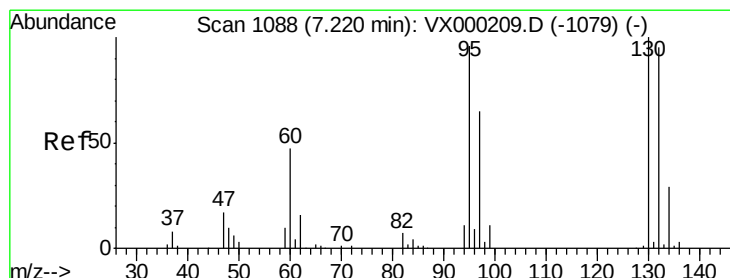
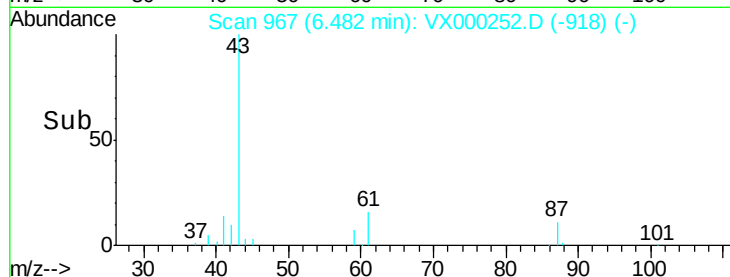
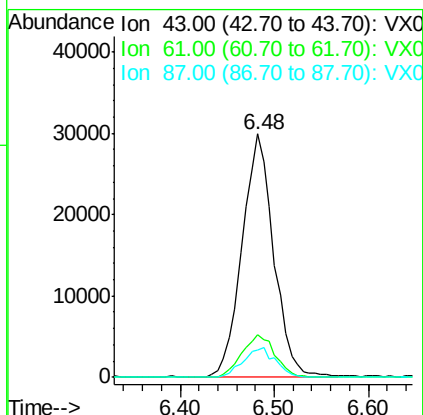
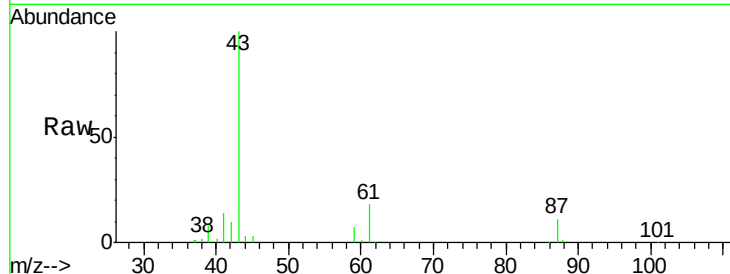


#43

Isopropyl Acetate
 Concen: 18.195 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Instrument :
 MSVOA_X
 ClientSampleId :

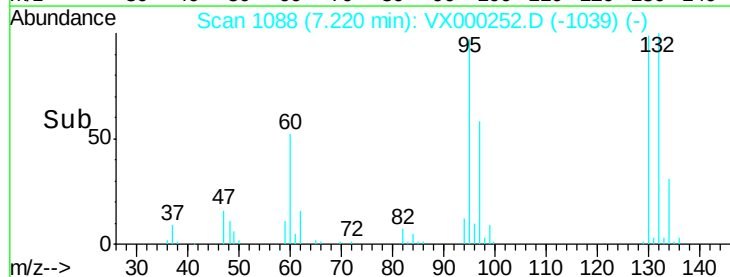
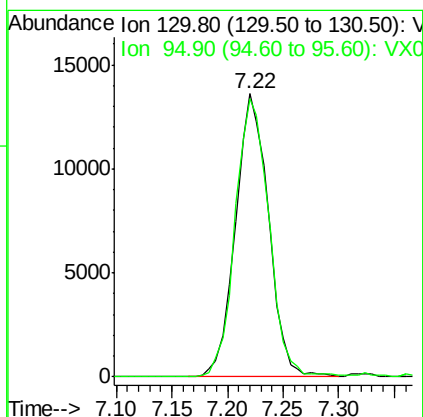
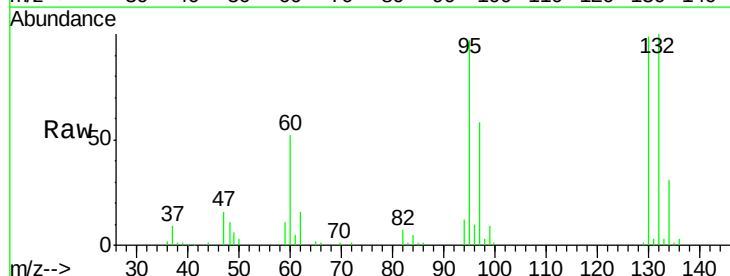
Tot Ion: 43 Resp: 70682
 Ion Ratio Lower Upper
 43 100
 61 18.4 14.8 22.2
 87 12.5 10.6 16.0

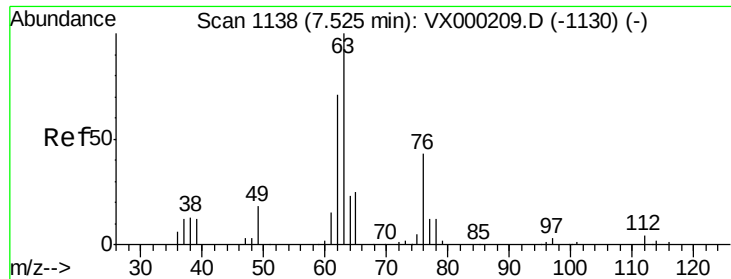


#44

Trichloroethene
 Concen: 18.269 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Tgt Ion:130 Resp: 28037
 Ion Ratio Lower Upper
 130 100
 95 98.3 0.0 191.8

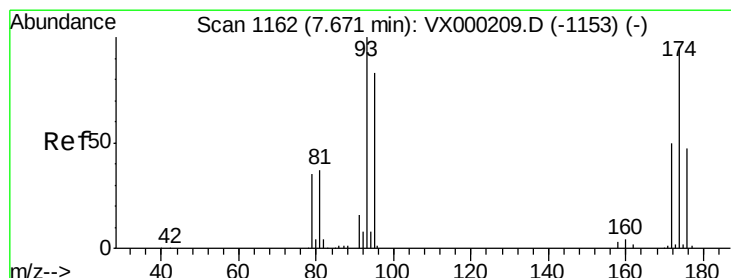
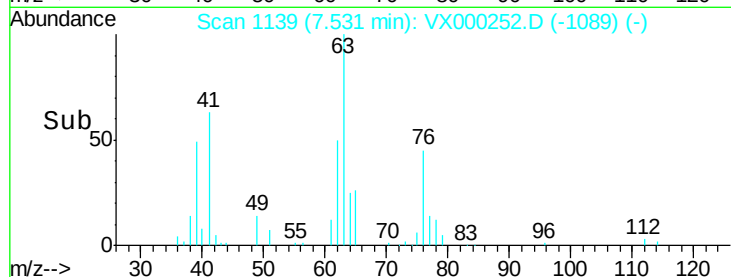
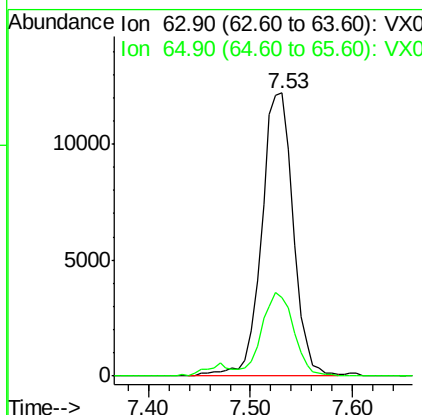
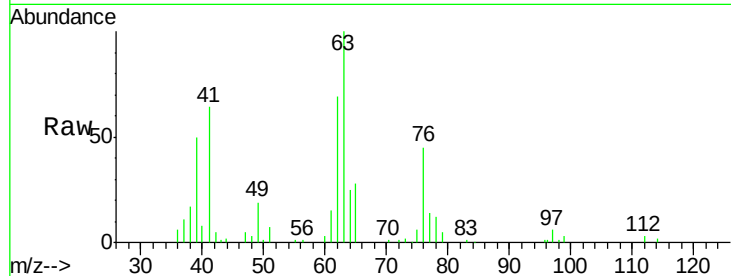




#45
 1,2-Dichloropropane
 Concen: 19.310 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

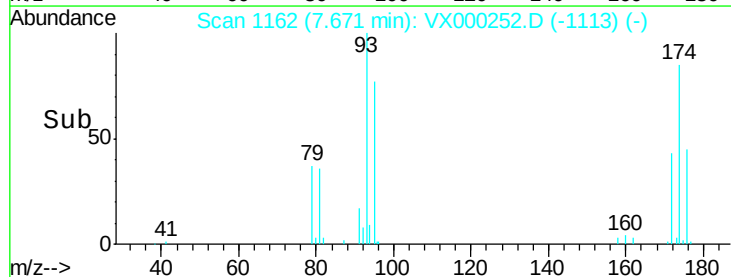
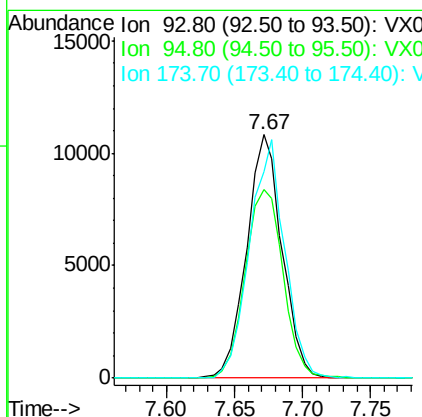
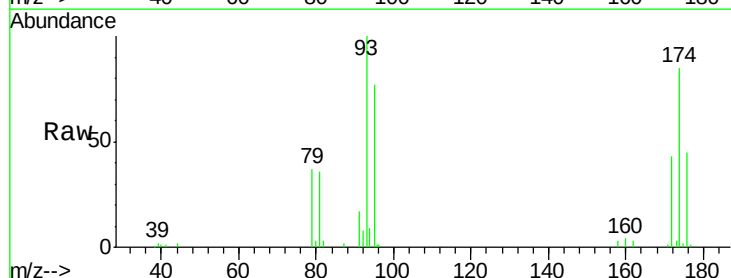
Instrument :
 MSVOA_X
 ClientSampled :

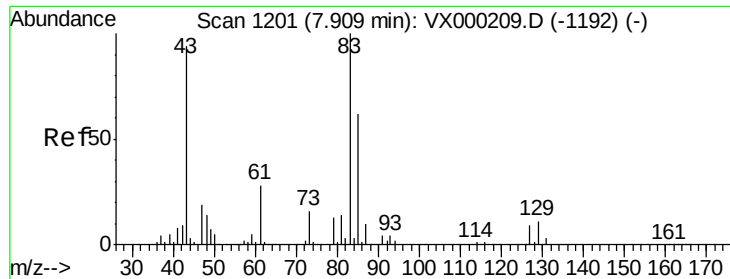
Tot Ion: 63 Resp: 26225
 Ion Ratio Lower Upper
 63 100
 65 27.8 22.3 33.5



#46
 Dibromomethane
 Concen: 18.361 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Tgt Ion: 93 Resp: 19727
 Ion Ratio Lower Upper
 93 100
 95 83.0 64.1 96.1
 174 97.2 75.8 113.8





#47

Bromodichloromethane

Concen: 18.439 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

ClientSampled :

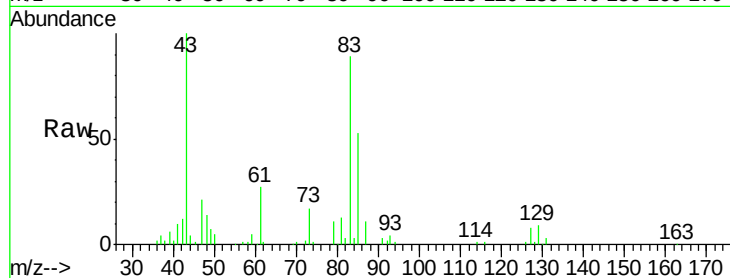
Tot Ion: 83 Resp: 34849

Ion Ratio Lower Upper

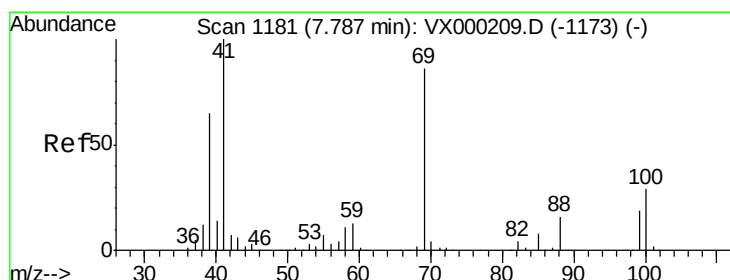
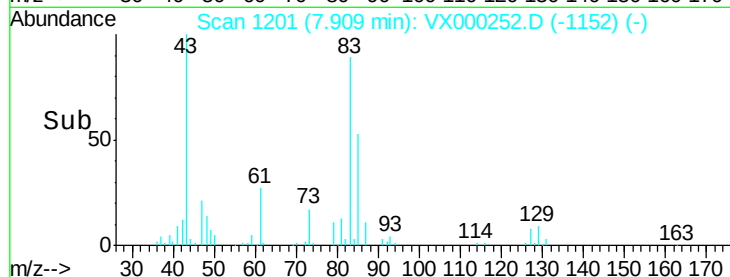
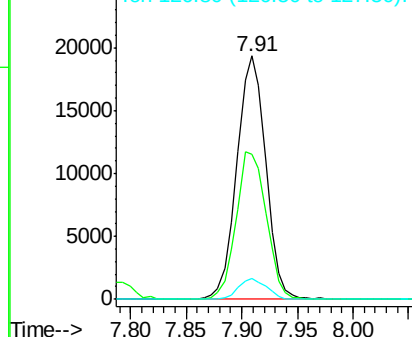
83 100

85 59.6 49.6 74.4

127 8.7 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: 17.809 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

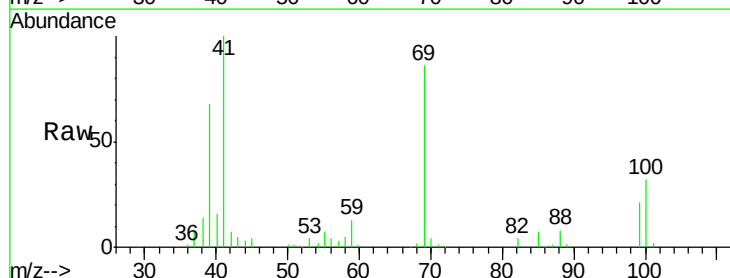
Tgt Ion: 41 Resp: 34076

Ion Ratio Lower Upper

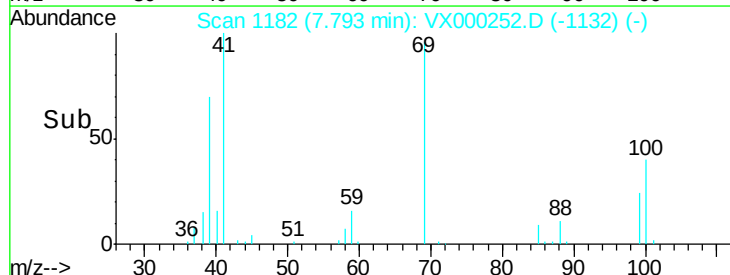
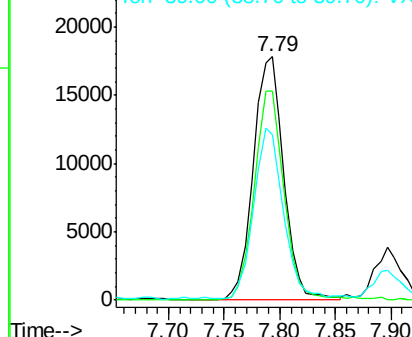
41 100

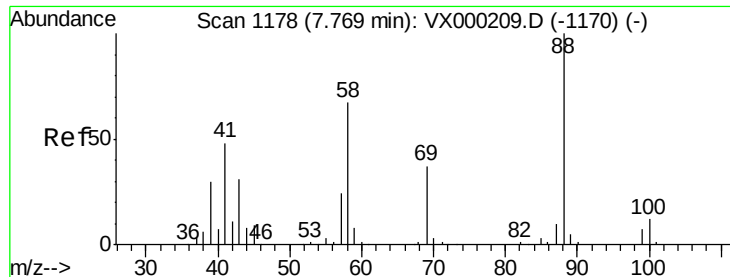
69 84.9 70.0 105.0

39 68.5 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

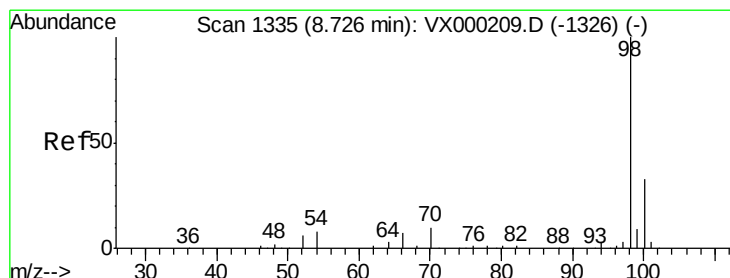
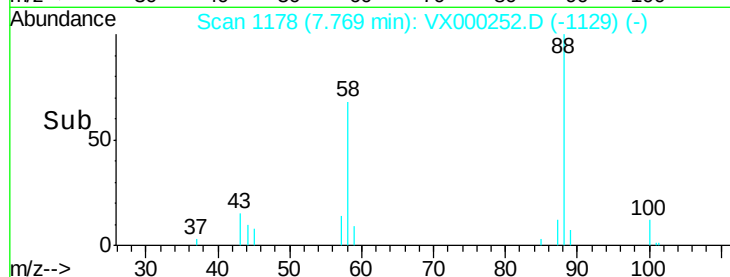
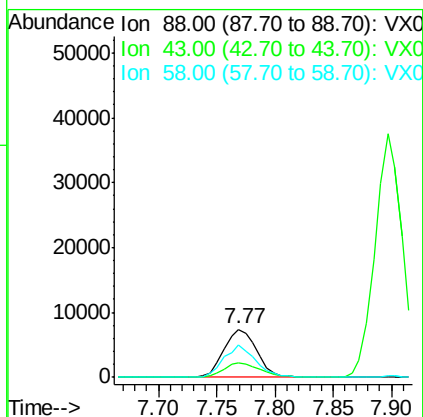
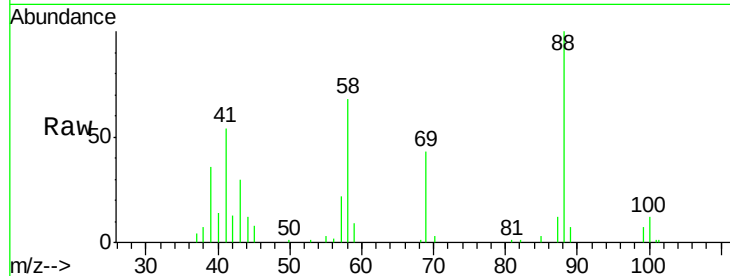




#49
1,4-Dioxane
Concen: 335.167 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

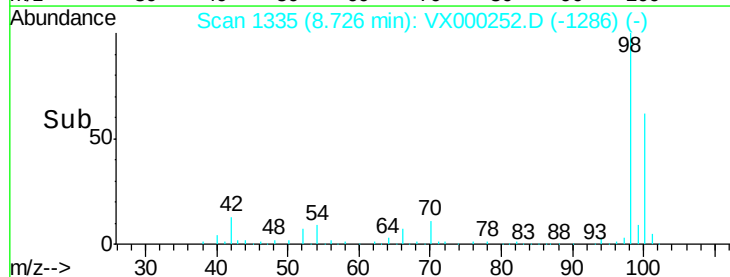
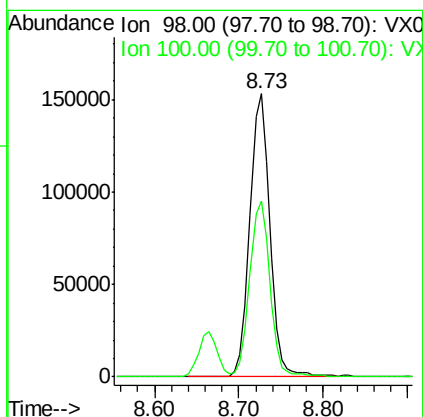
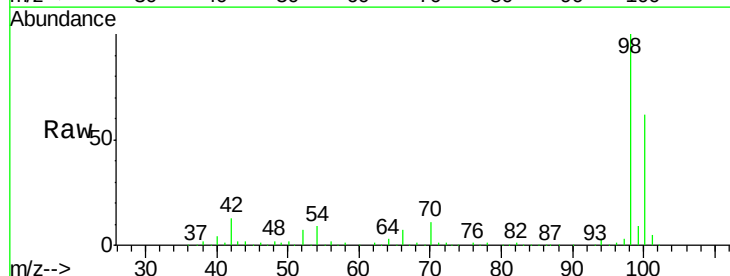
Instrument :
MSVOA_X
ClientSampleId :

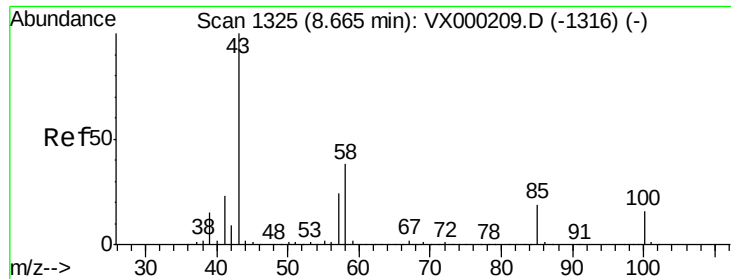
Tot Ion: 88 Resp: 14558
Ion Ratio Lower Upper
88 100
43 34.2 26.9 40.3
58 64.3 52.2 78.4



#50
Toluene-d8
Concen: 45.198 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion: 98 Resp: 245694
Ion Ratio Lower Upper
98 100
100 62.7 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 89.502 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

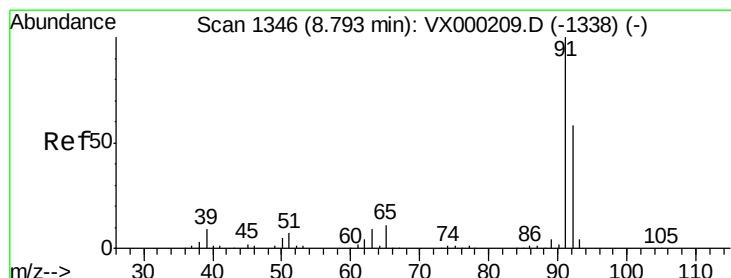
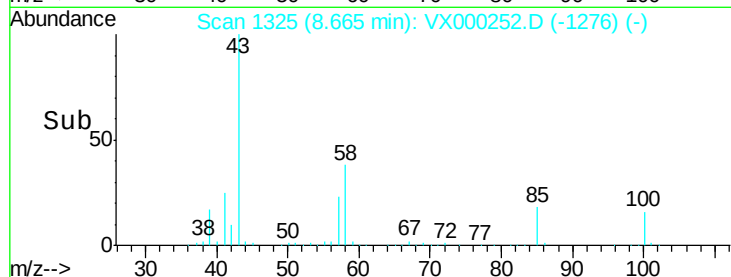
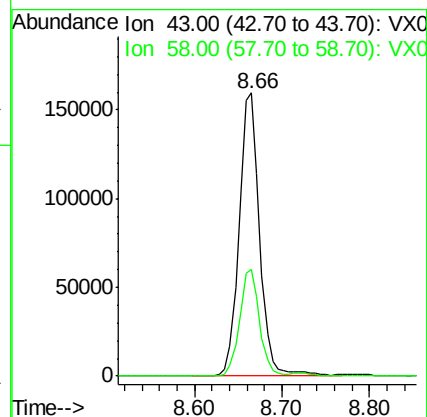
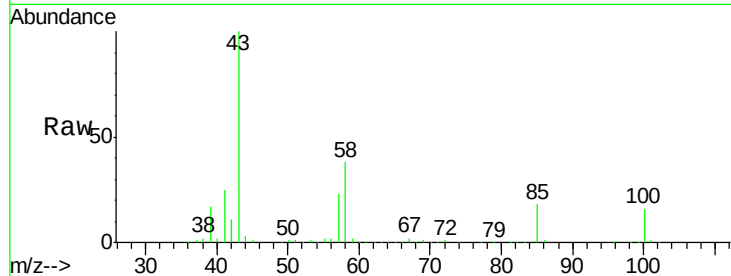
ClientSampleId :

Tot Ion: 43 Resp: 262419

Ion Ratio Lower Upper

43 100

58 36.5 30.2 45.2



#52

Toluene

Concen: 17.861 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000252.D

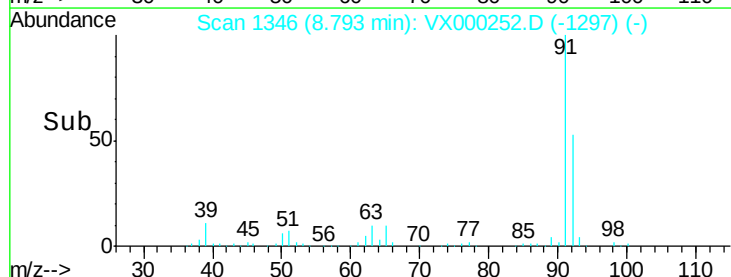
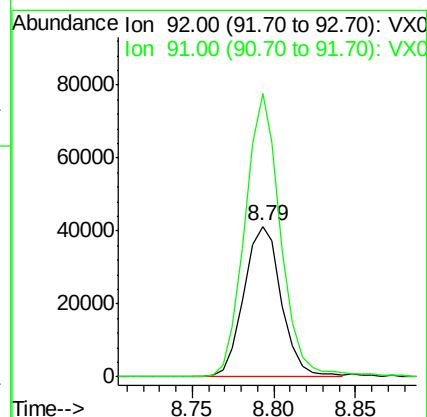
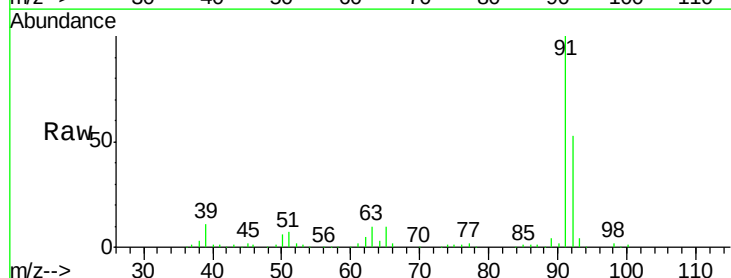
Acq: 09 Mar 2018 13:33

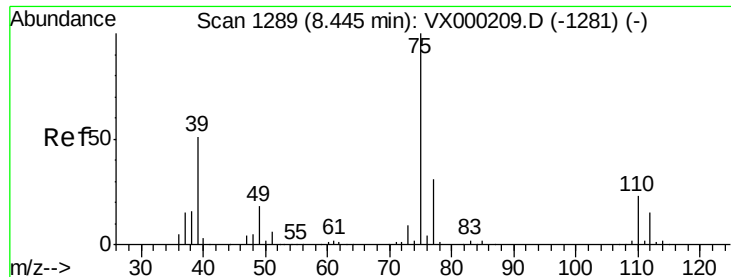
Tgt Ion: 92 Resp: 65638

Ion Ratio Lower Upper

92 100

91 181.9 139.0 208.6

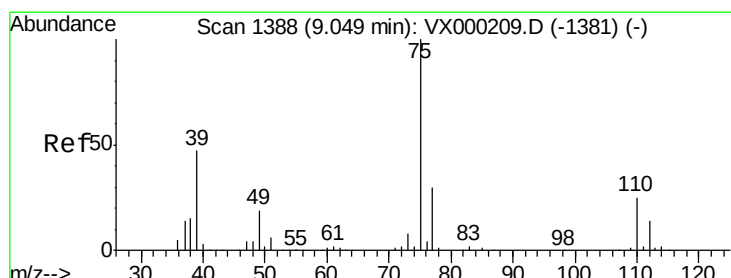
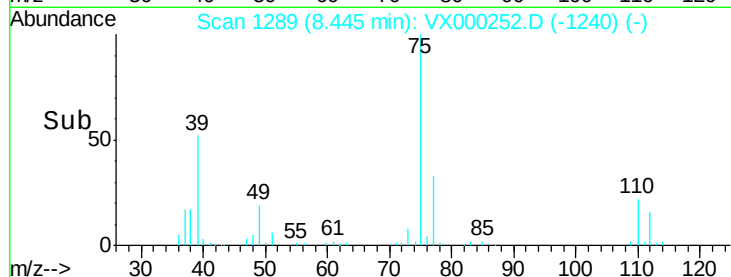
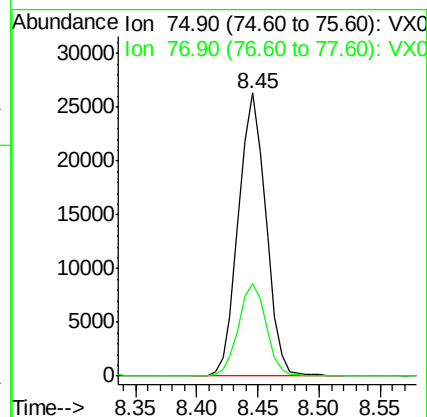
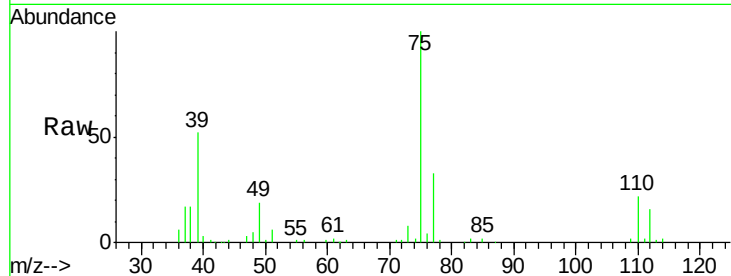




#53
 t-1,3-Dichloropropene
 Concen: 18.420 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

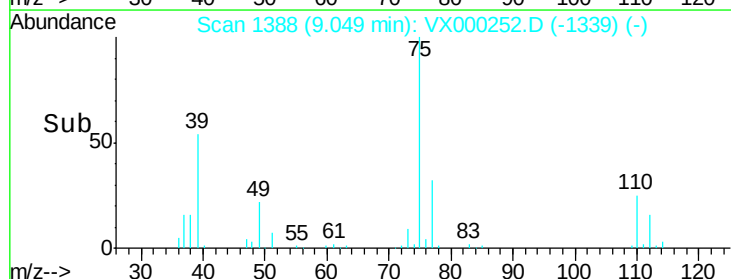
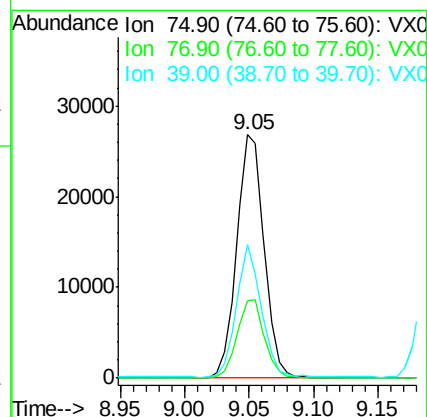
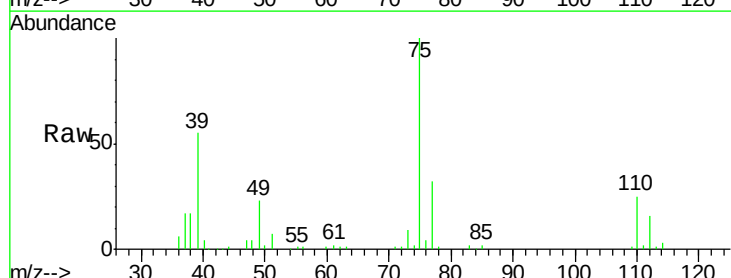
Instrument :
 MSVOA_X
 ClientSampleId :

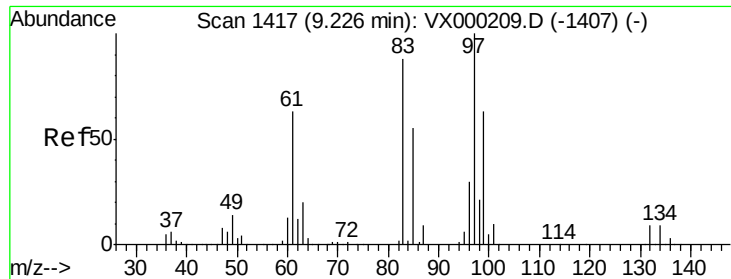
Tot Ion: 75 Resp: 41023
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.375 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Tgt Ion: 75 Resp: 39592
 Ion Ratio Lower Upper
 75 100
 77 31.7 23.9 35.9
 39 54.0 37.4 56.2

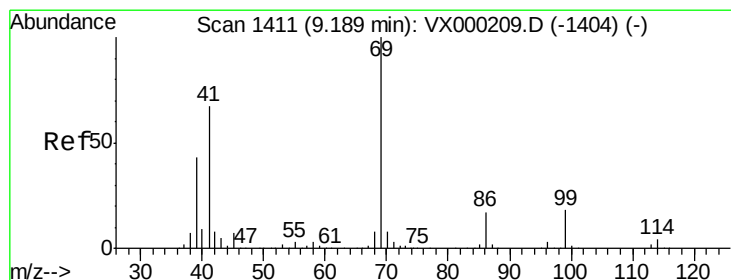
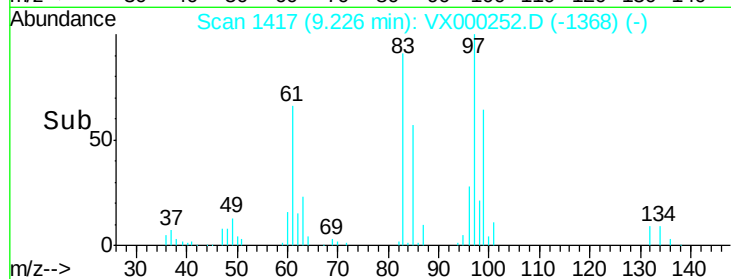
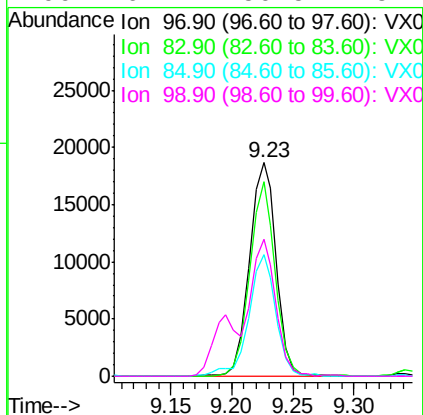
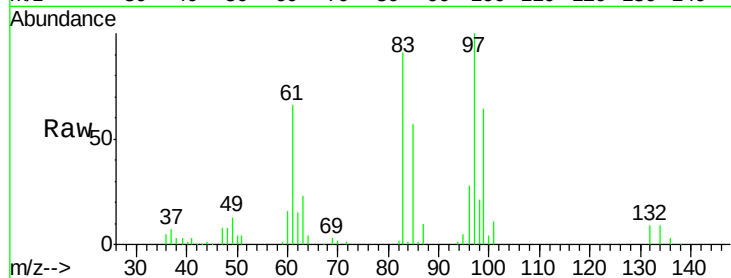




#55
 1,1,2-Trichloroethane
 Concen: 19.034 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

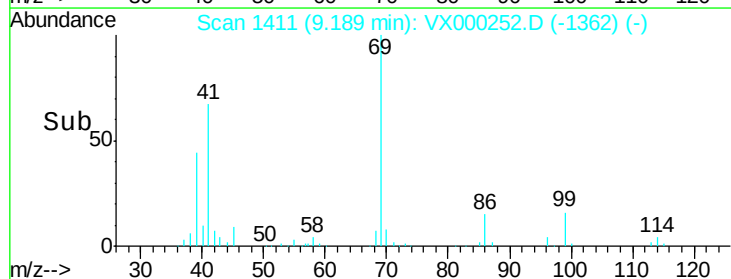
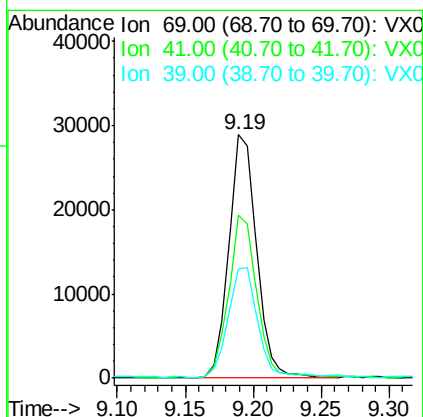
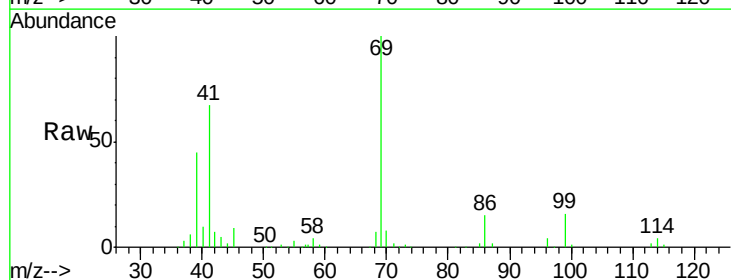
Instrument :
 MSVOA_X
 ClientSampled :

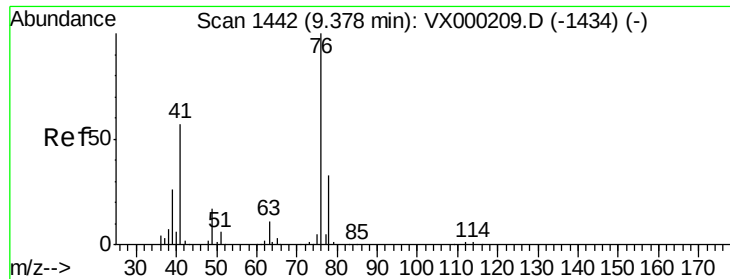
Tot Ion:	97	Resp:	28331
Ion	Ratio	Lower	Upper
97	100		
83	90.8	70.4	105.6
85	57.2	43.9	65.9
99	64.1	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 18.617 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Tgt Ion:	69	Resp:	41471
Ion	Ratio	Lower	Upper
69	100		
41	68.7	52.2	78.2
39	47.5	34.3	51.5

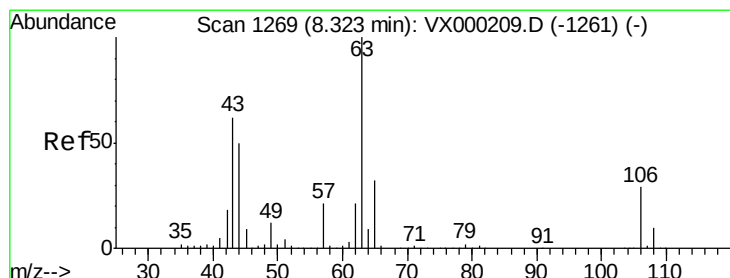
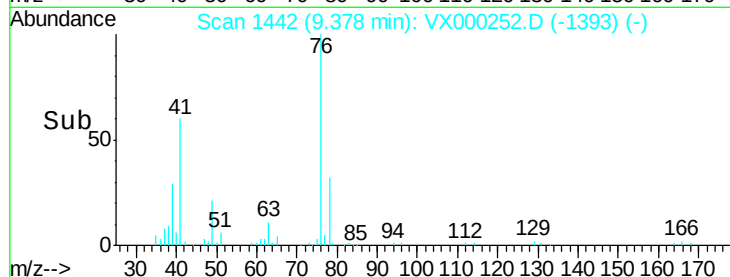
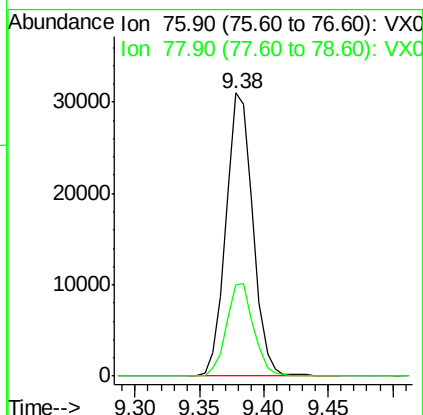
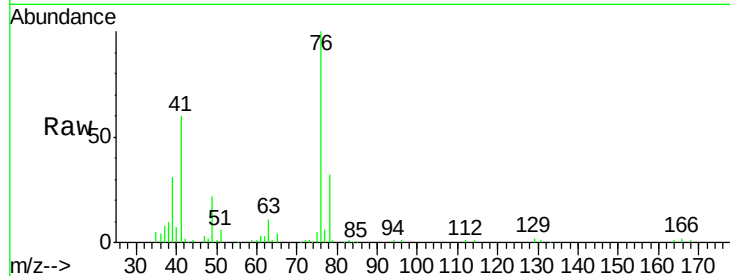




#57
 1,3-Dichloropropane
 Concen: 18.207 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

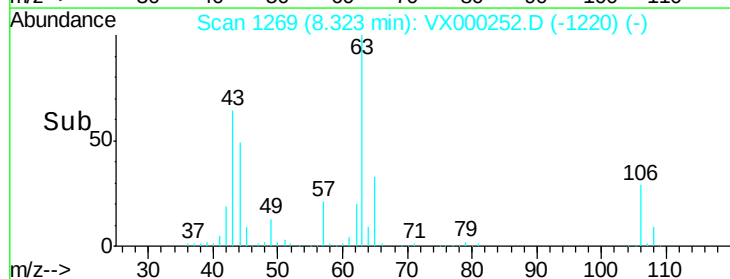
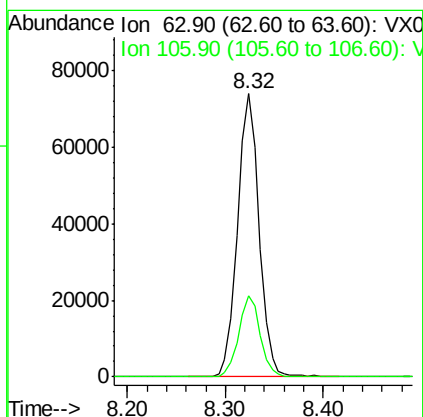
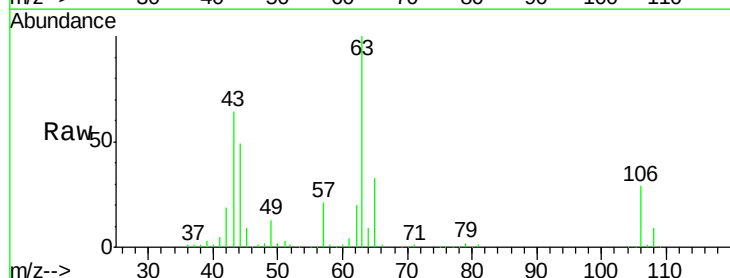
Instrument :
 MSVOA_X
 ClientSampleId :

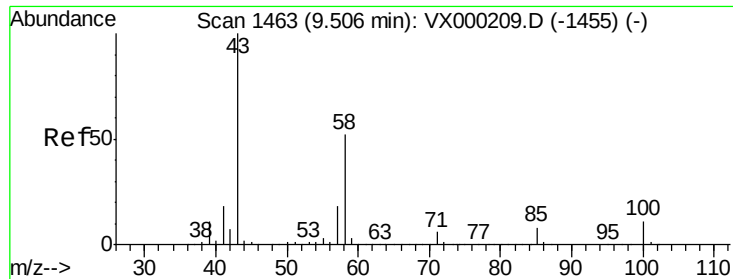
Tot Ion: 76 Resp: 45506
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.180 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Tgt Ion: 63 Resp: 113789
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.2 34.8

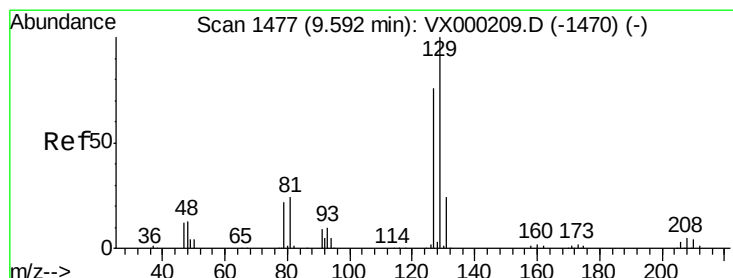
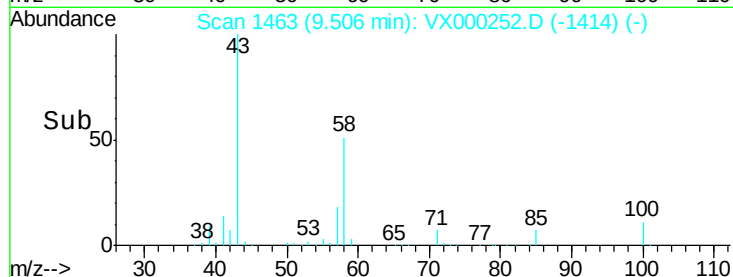
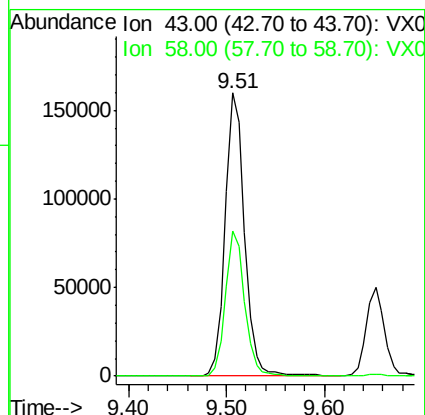
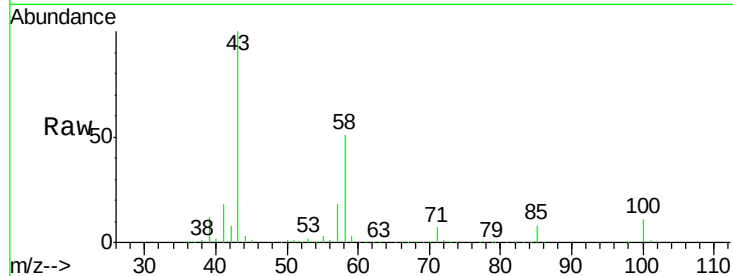




#59
2-Hexanone
Concen: 87.984 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

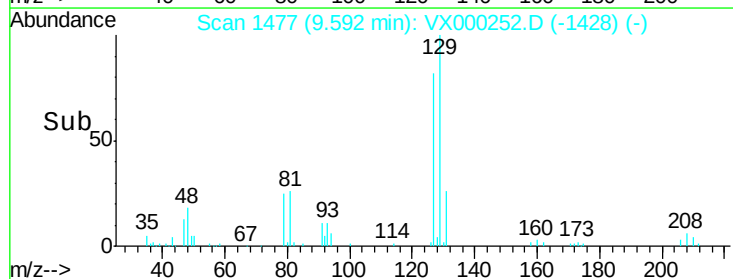
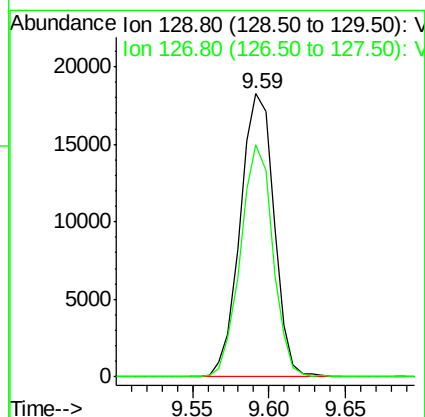
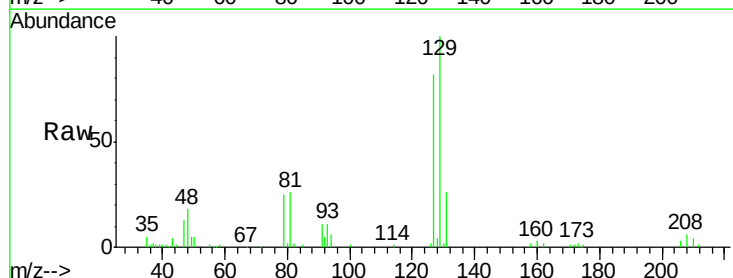
Instrument :
MSVOA_X
ClientSampleId :

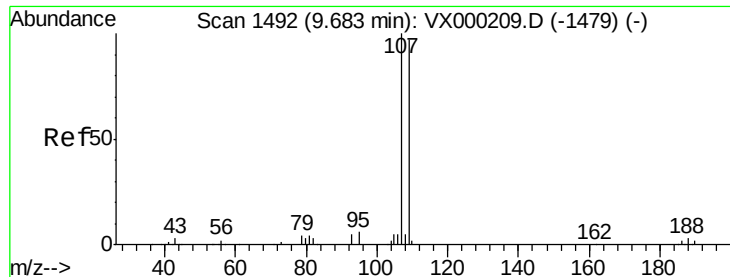
Tot Ion: 43 Resp: 219962
Ion Ratio Lower Upper
43 100
58 51.0 26.6 79.7



#60
Dibromochloromethane
Concen: 17.924 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion: 129 Resp: 28130
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.617 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

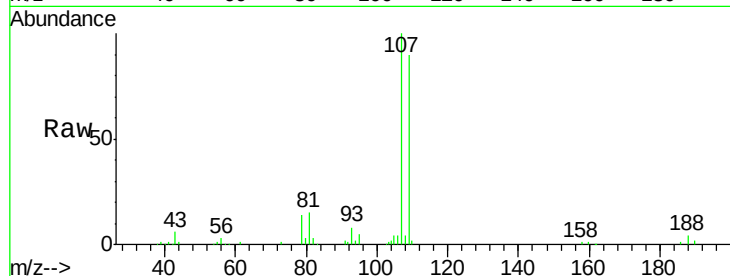
ClientSampled :

Tot Ion:107 Resp: 30771

Ion Ratio Lower Upper

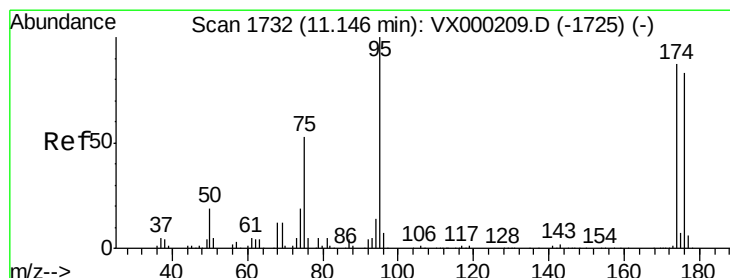
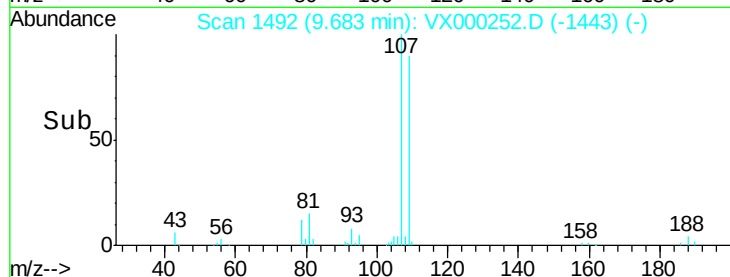
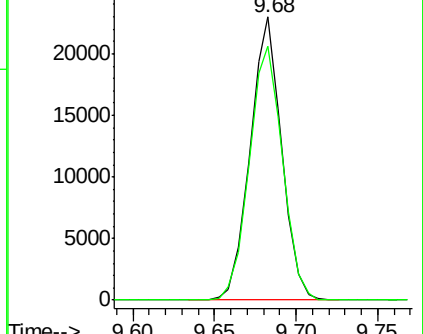
107 100

109 95.2 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.010 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

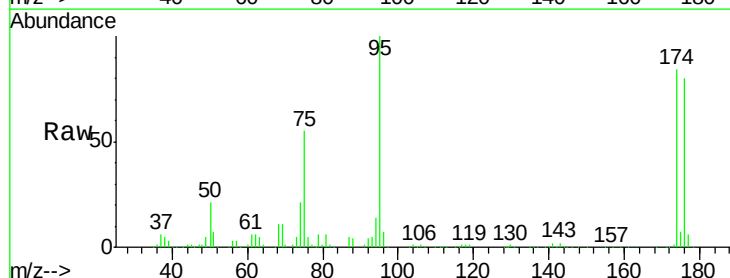
Tgt Ion: 95 Resp: 93373

Ion Ratio Lower Upper

95 100

174 85.5 0.0 175.6

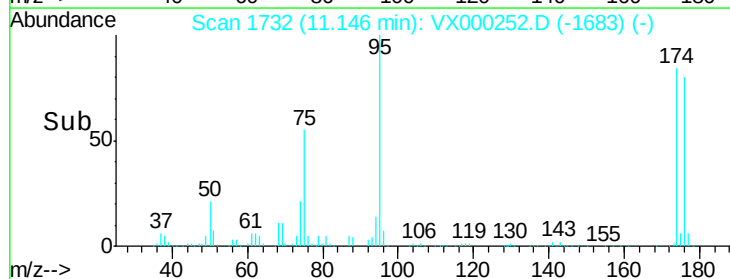
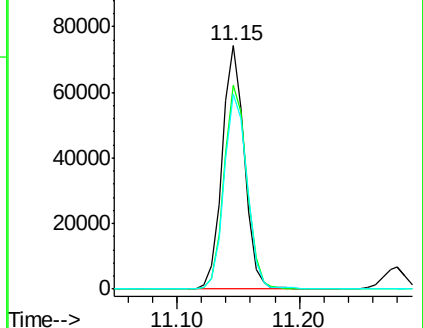
176 83.0 0.0 171.0

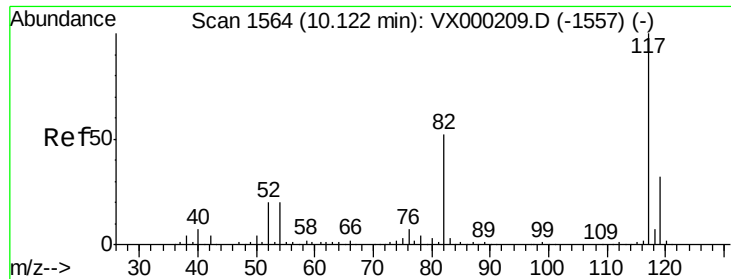


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

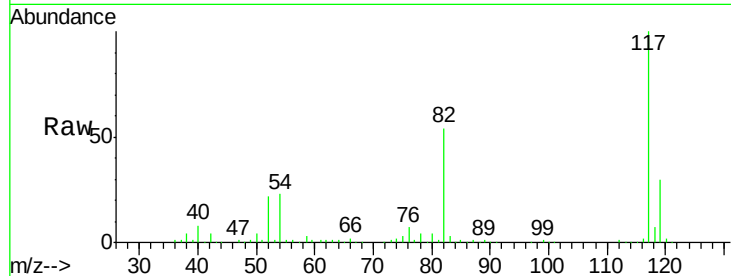




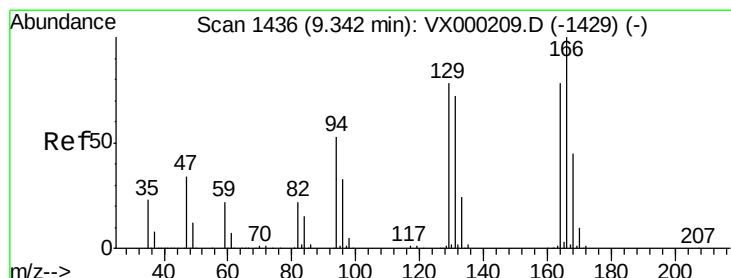
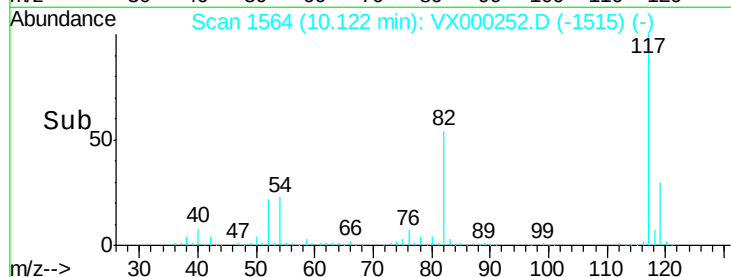
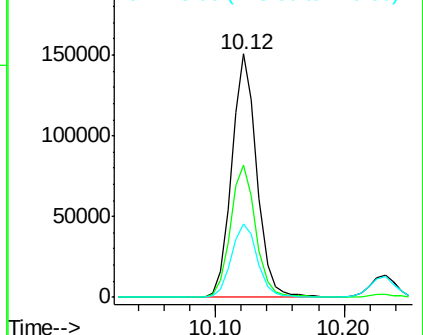
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 204292
Ion Ratio Lower Upper
117 100
82 54.2 42.0 63.0
119 30.2 25.3 37.9

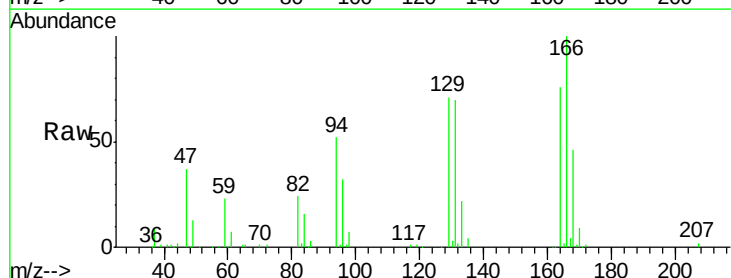


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

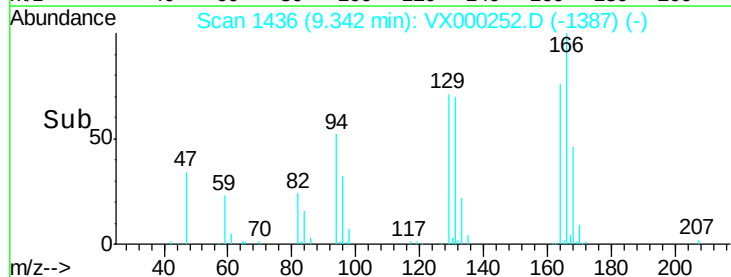
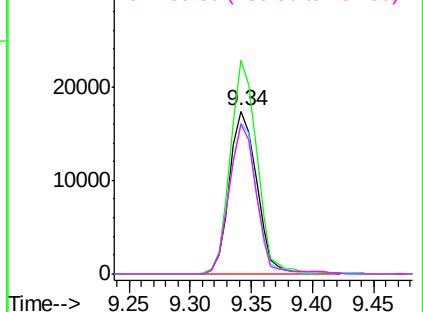


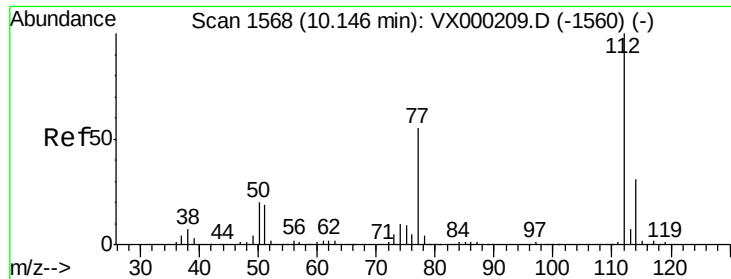
#64
Tetrachloroethene
Concen: 18.907 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion:164 Resp: 27025
Ion Ratio Lower Upper
164 100
166 131.2 103.0 154.6
129 92.9 80.2 120.4
131 92.3 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

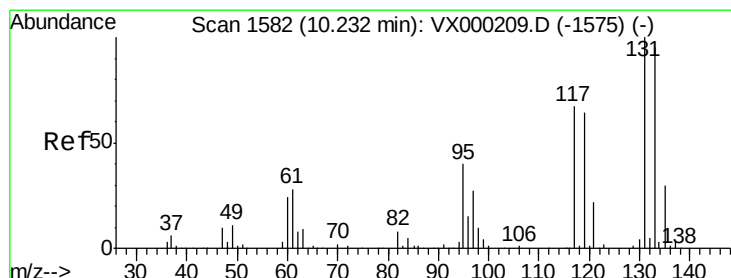
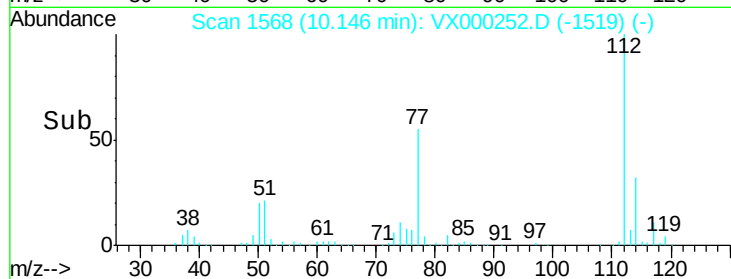
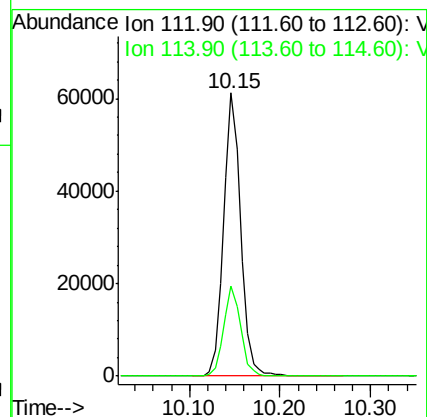
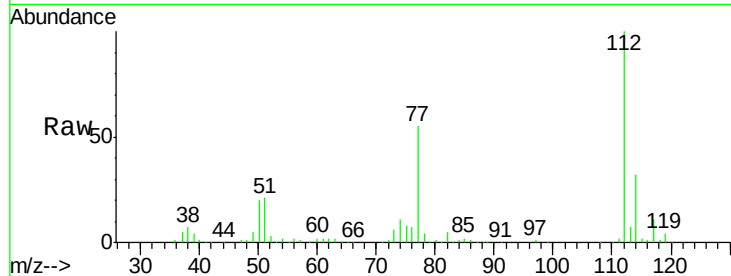




#65
Chlorobenzene
Concen: 19.595 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

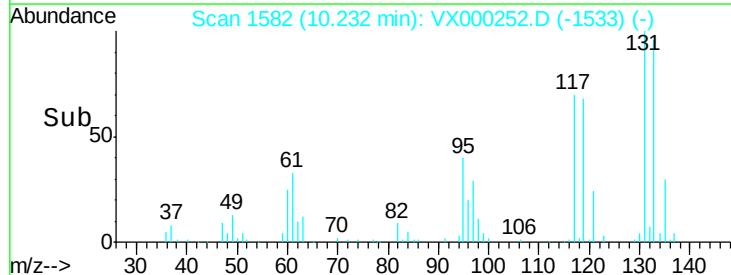
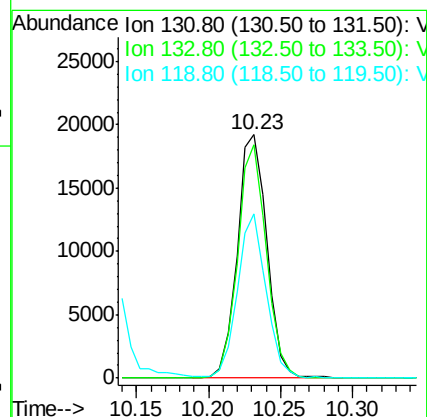
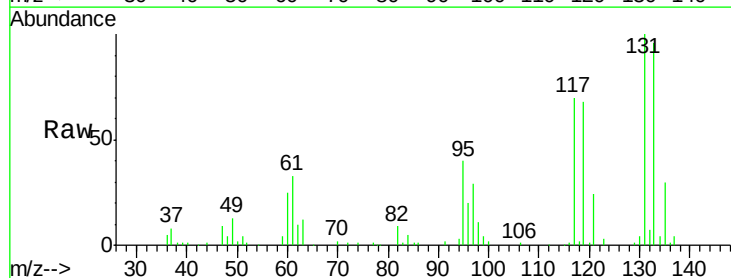
Instrument :
MSVOA_X
ClientSampleId :

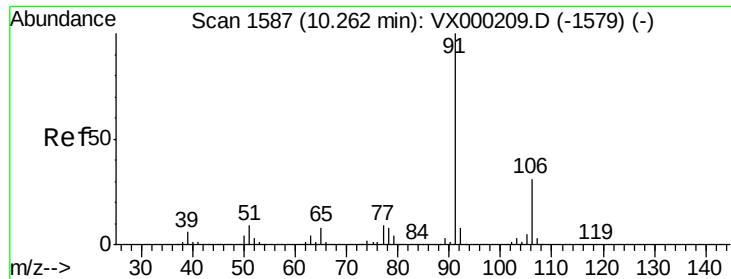
Tot Ion:112 Resp: 80842
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.515 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion:131 Resp: 27526
Ion Ratio Lower Upper
131 100
133 93.2 48.3 144.9
119 66.0 32.3 96.8

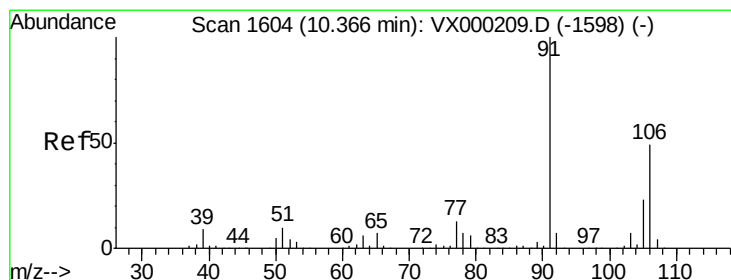
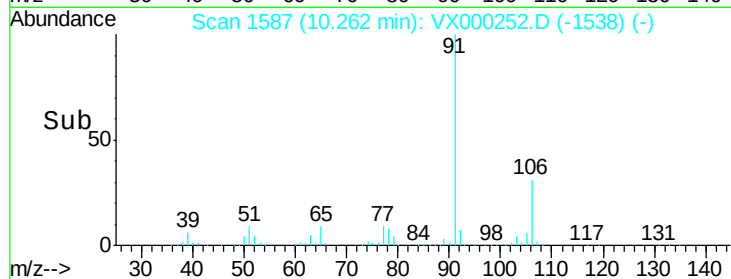
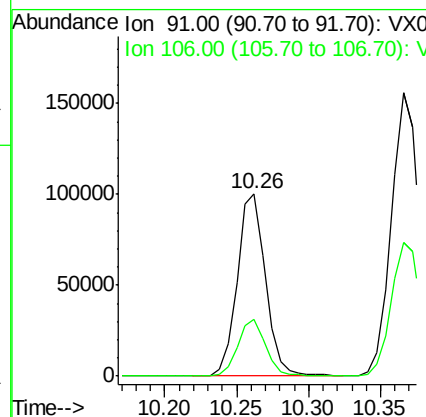
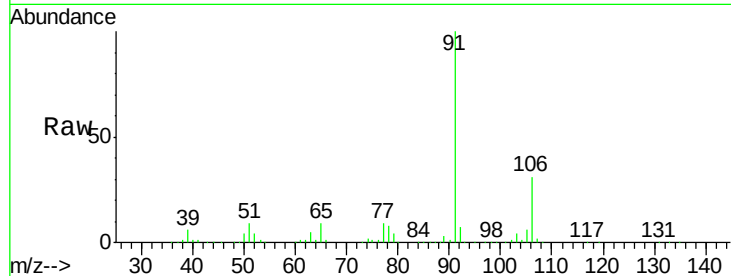




#67
Ethyl Benzene
Concen: 19.177 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

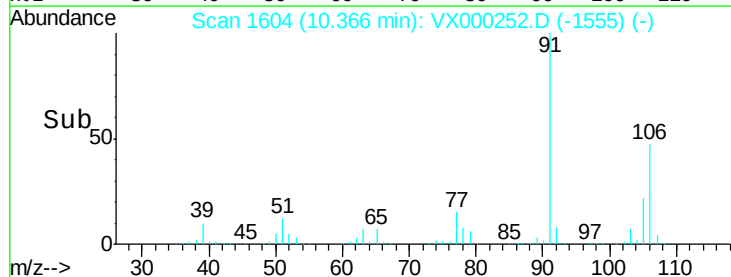
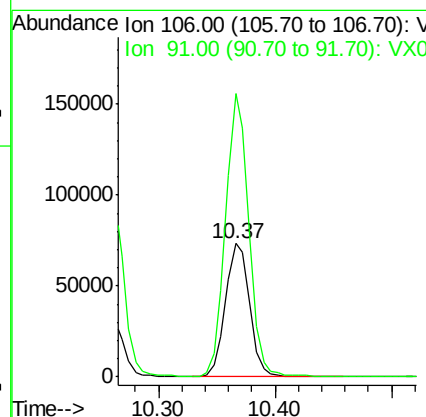
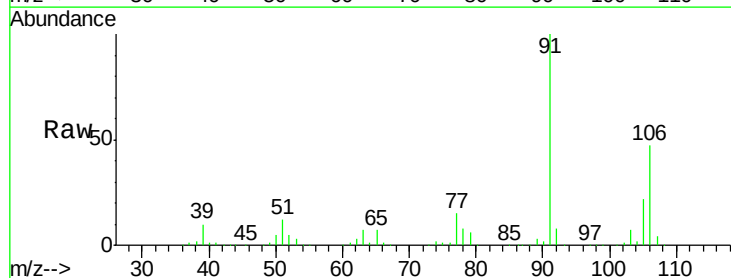
Instrument :
MSVOA_X
ClientSampled :

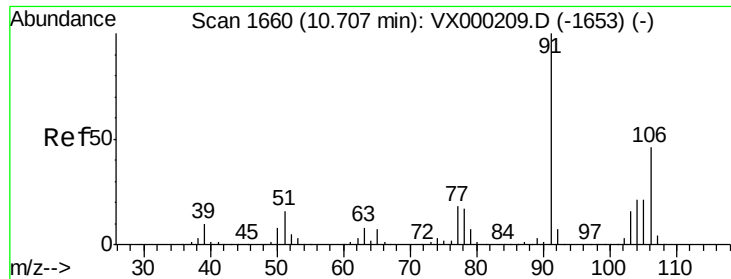
Tot Ion: 91 Resp: 138083
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8



#68
m/p-Xylenes
Concen: 37.793 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion: 106 Resp: 104734
Ion Ratio Lower Upper
106 100
91 205.5 160.9 241.3

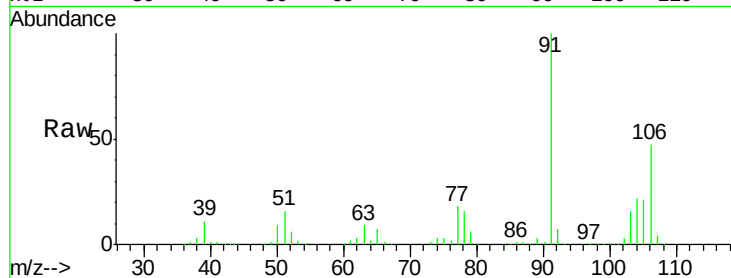




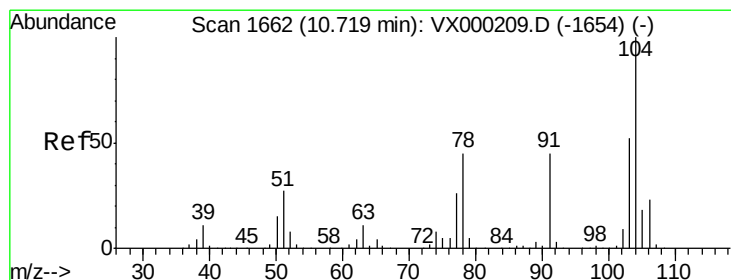
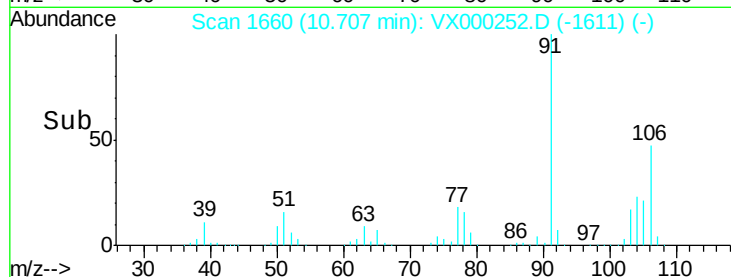
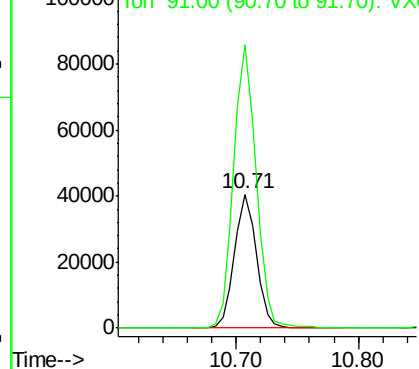
#69
o-Xylene
Concen: 18.929 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 50417
Ion Ratio Lower Upper
106 100
91 216.7 105.9 317.7

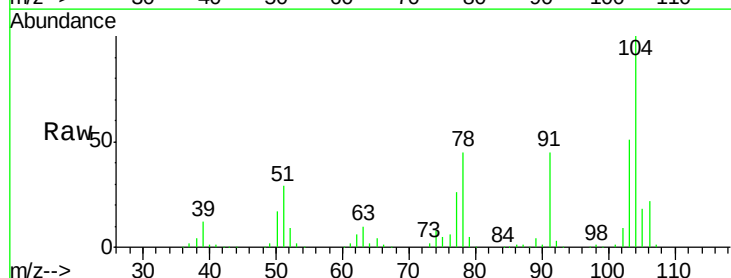


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

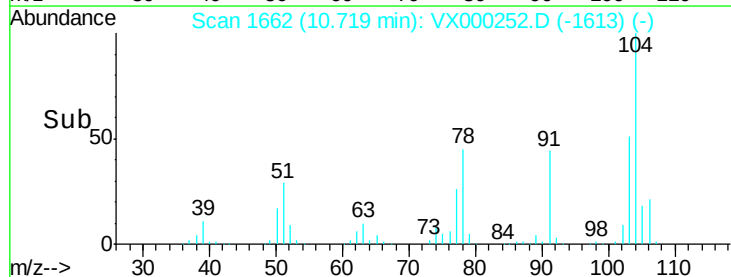
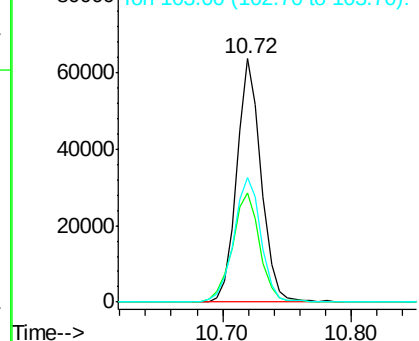


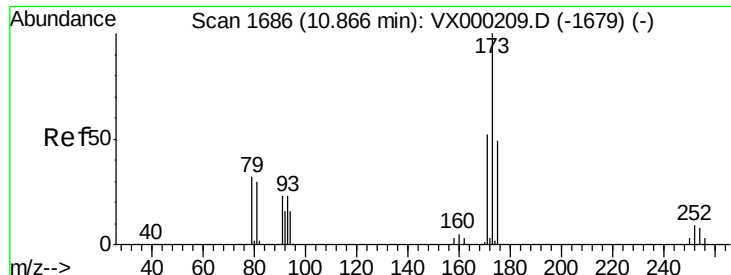
#70
Styrene
Concen: 19.064 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion:104 Resp: 84233
Ion Ratio Lower Upper
104 100
78 50.6 39.6 59.4
103 57.4 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: 17.120 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

ClientSampleId :

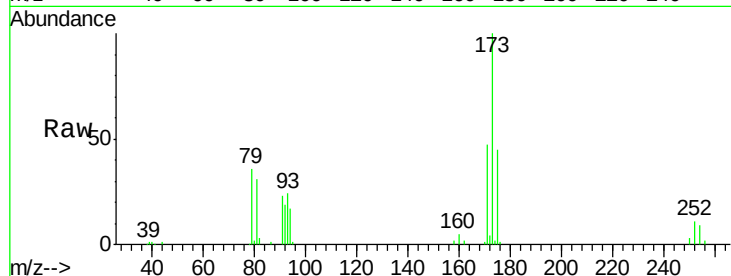
Tot Ion:173 Resp: 21496

Ion Ratio Lower Upper

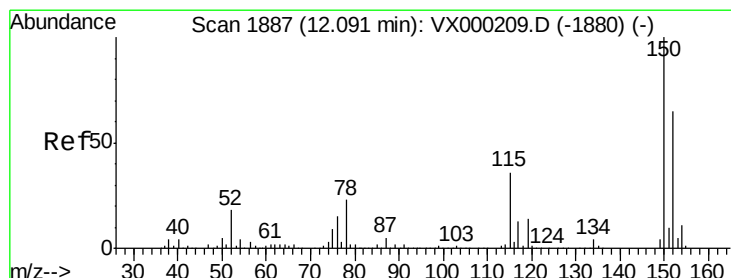
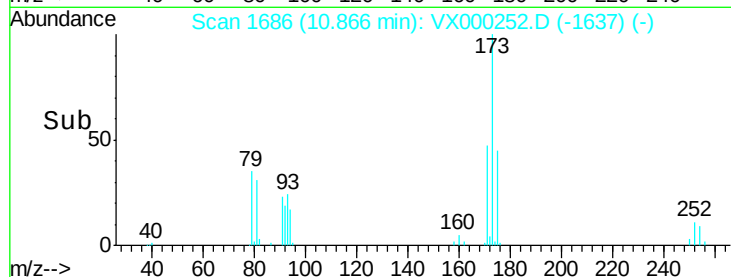
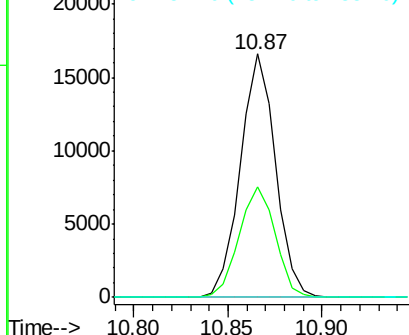
173 100

175 46.4 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: VX000252.D

Acq: 09 Mar 2018 13:33

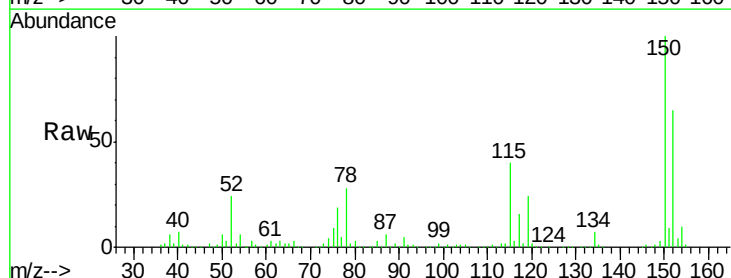
Tgt Ion:152 Resp: 118411

Ion Ratio Lower Upper

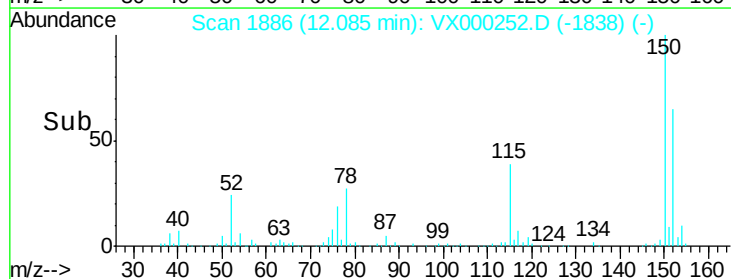
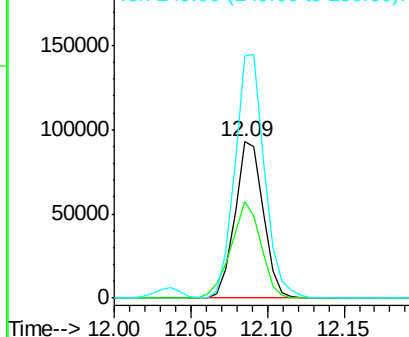
152 100

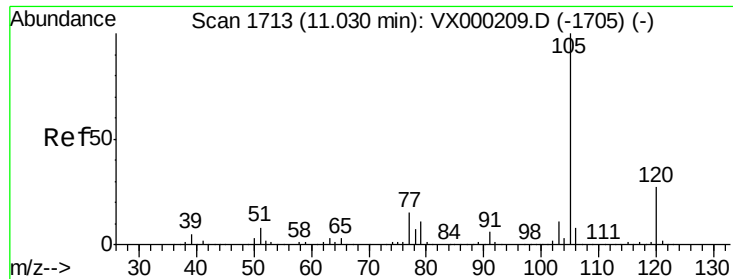
115 65.9 39.8 119.3

150 163.2 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: 18.950 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

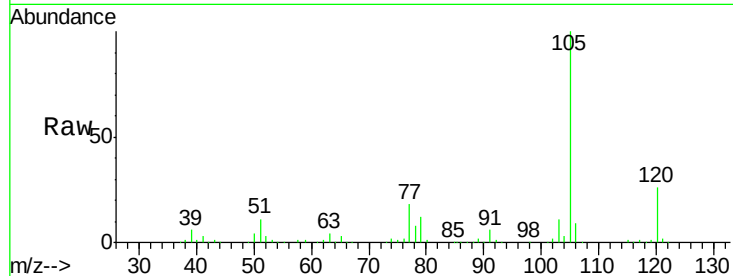
ClientSampled :

Tot Ion:105 Resp: 140491

Ion Ratio Lower Upper

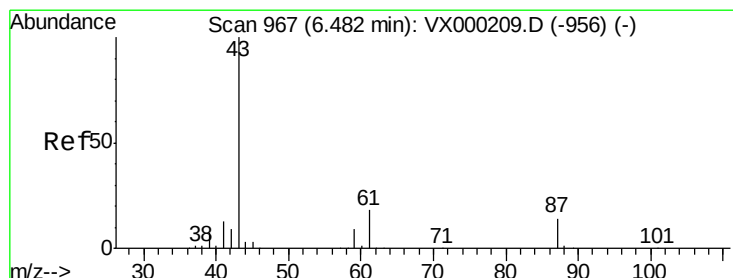
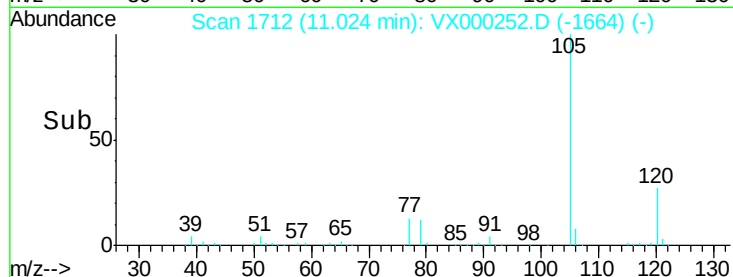
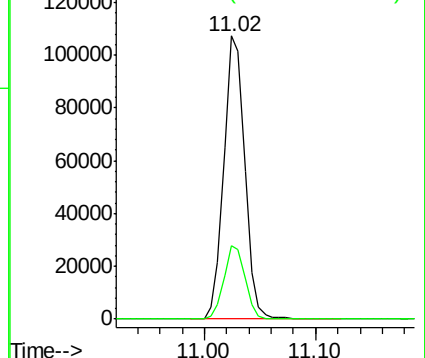
105 100

120 26.3 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: 18.635 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Tgt Ion: 43 Resp: 70682

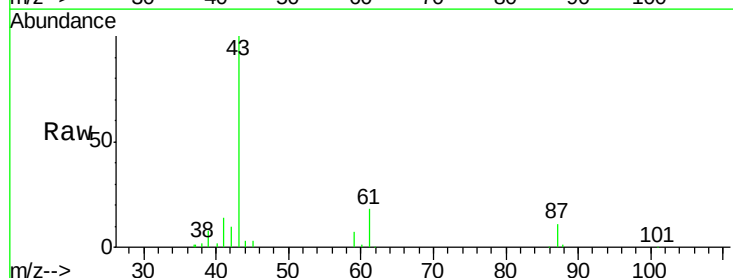
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.4 14.8 22.2

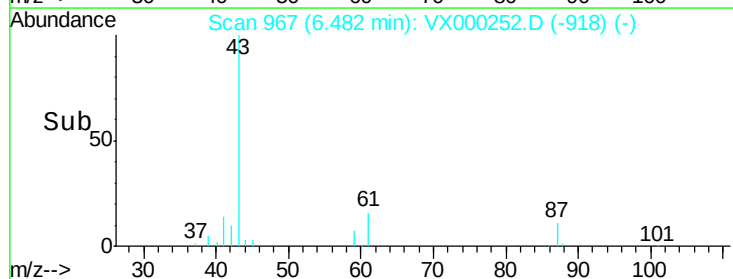
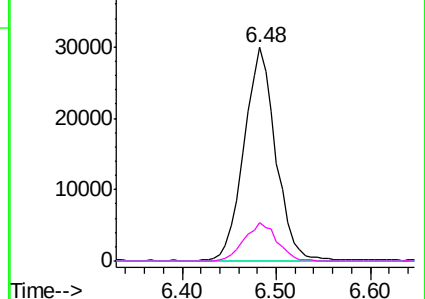


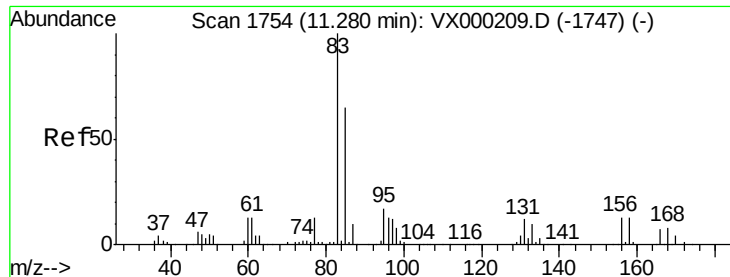
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.092 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

ClientSampleId :

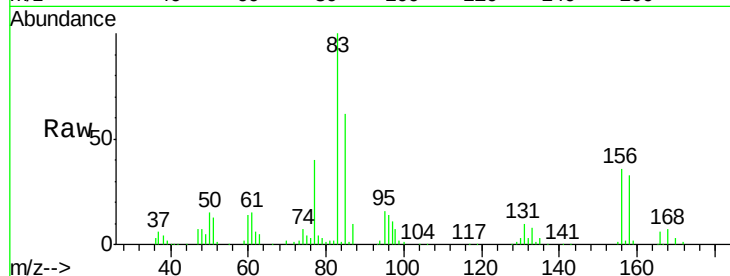
Tot Ion: 83 Resp: 49619

Ion Ratio Lower Upper

83 100

131 9.7 5.5 16.5

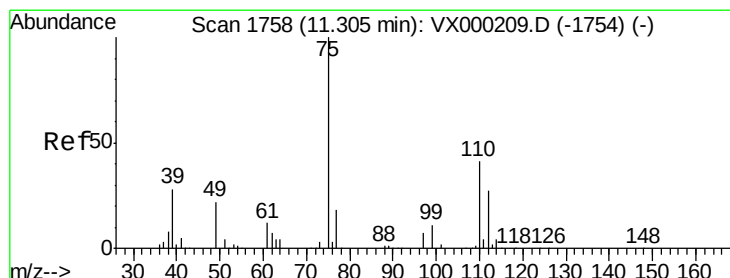
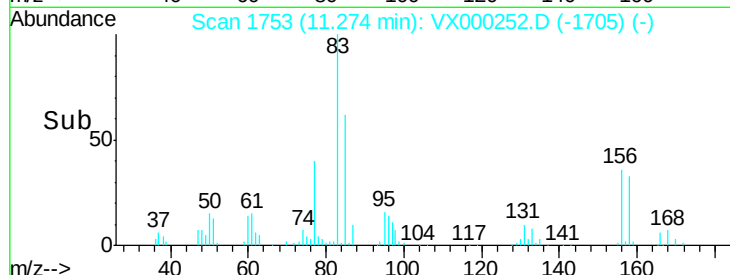
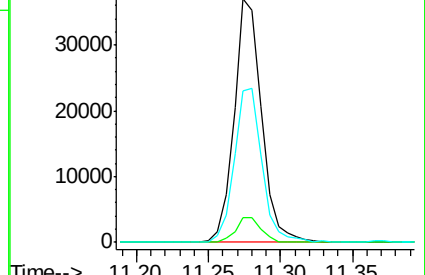
85 63.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX000209.D (-1747) (-)

Ion 130.80 (130.50 to 131.50): VX000209.D (-1747) (-)

Ion 84.90 (84.60 to 85.60): VX000209.D (-1747) (-)



#76

1,2,3-Trichloropropane

Concen: 24.245 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000252.D

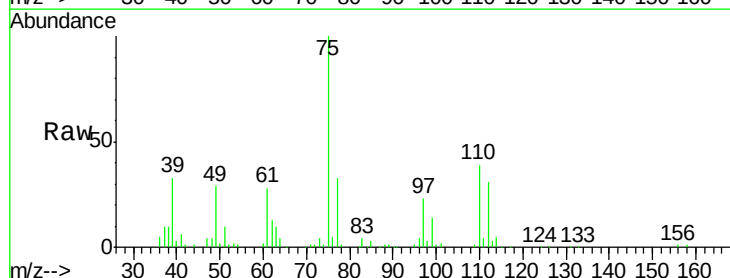
Acq: 09 Mar 2018 13:33

Tgt Ion: 75 Resp: 57547

Ion Ratio Lower Upper

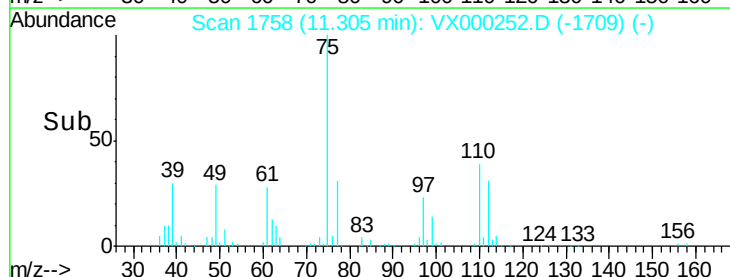
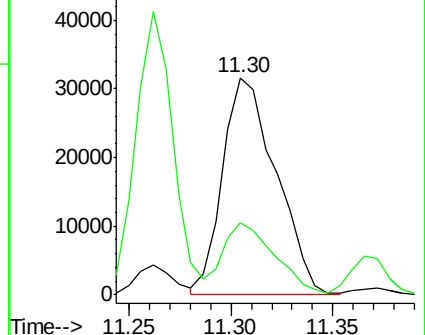
75 100

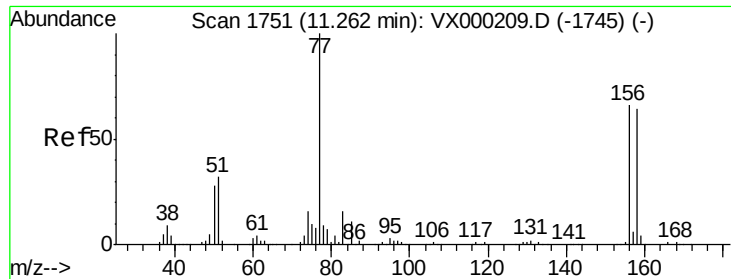
77 32.3 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX000209.D (-1754) (-)

Ion 77.00 (76.70 to 77.70): VX000209.D (-1754) (-)





#77

Bromobenzene

Concen: 17.767 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

ClientSampleId :

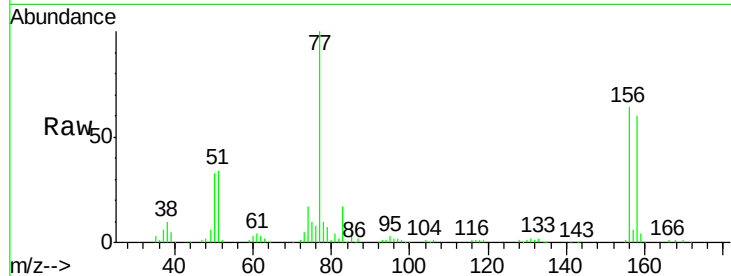
Tot Ion:156 Resp: 34054

Ion Ratio Lower Upper

156 100

77 153.9 71.9 215.7

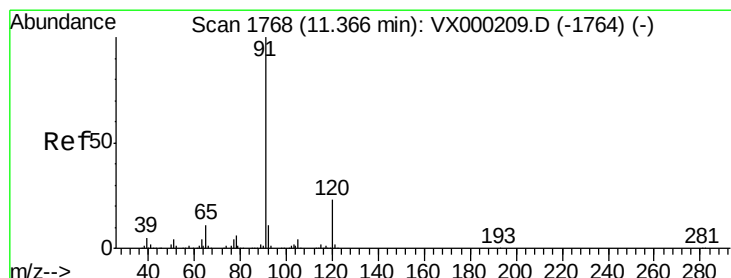
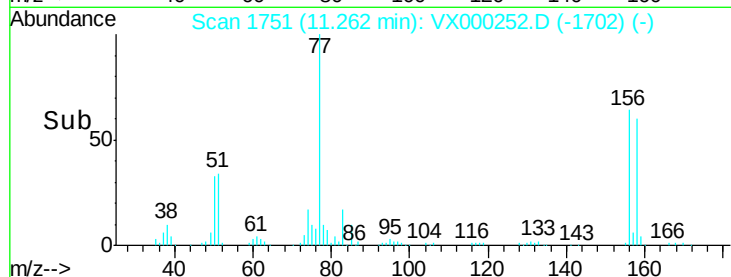
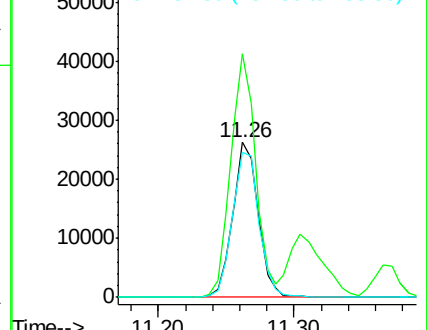
158 98.5 48.0 144.2



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: 19.401 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000252.D

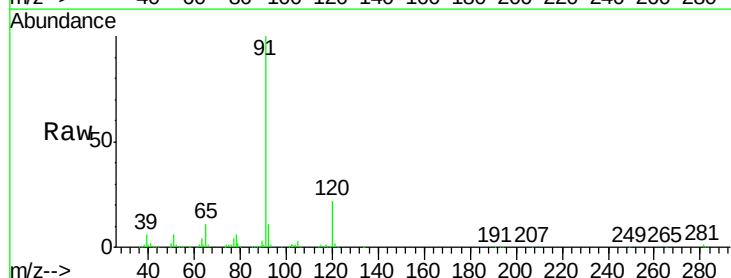
Acq: 09 Mar 2018 13:33

Tgt Ion: 91 Resp: 169274

Ion Ratio Lower Upper

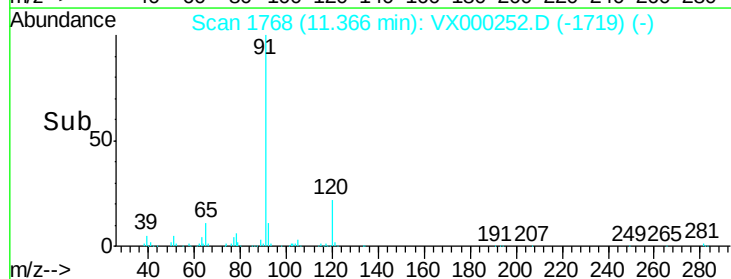
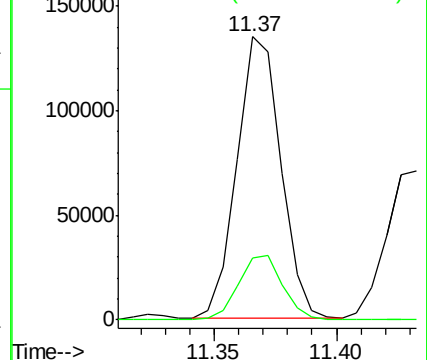
91 100

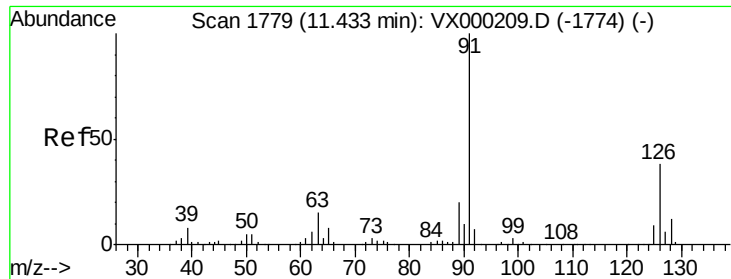
120 23.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

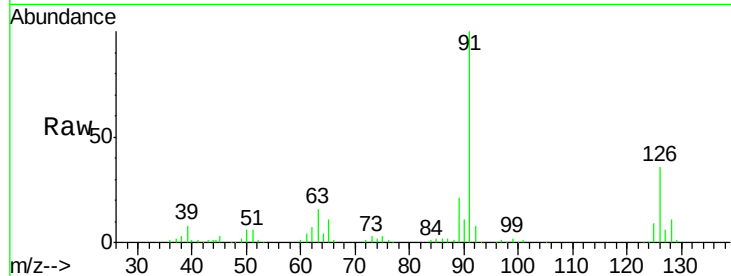




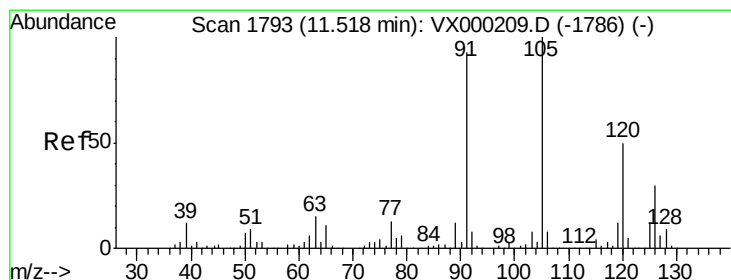
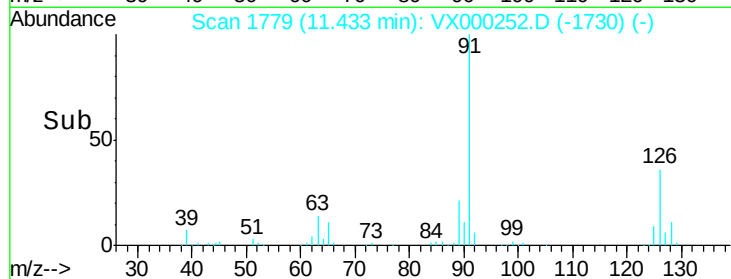
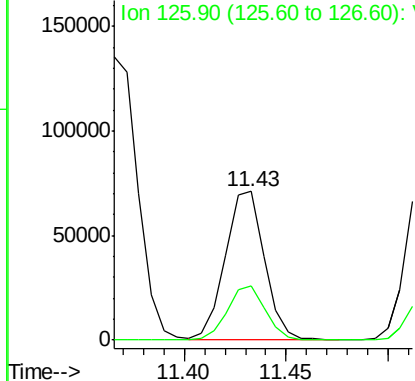
#79
 2-Chlorotoluene
 Concen: 19.021 ug/l
 RT: 11.43 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 93621
 Ion Ratio Lower Upper
 91 100
 126 36.2 18.4 55.2

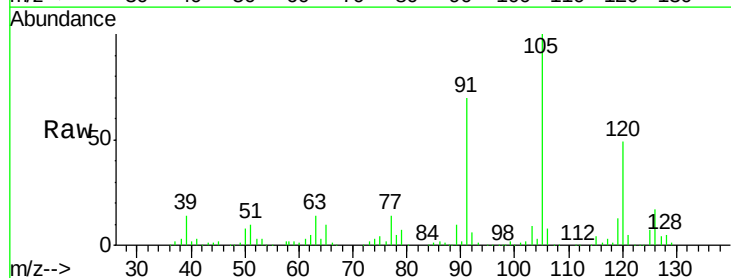


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

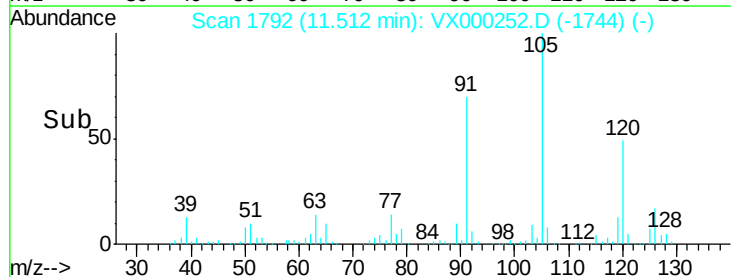
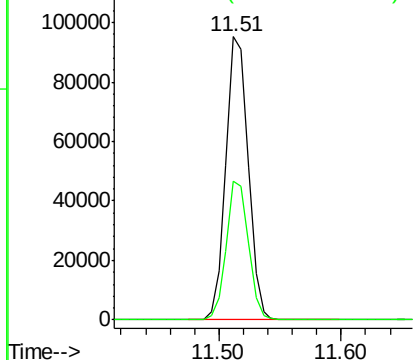


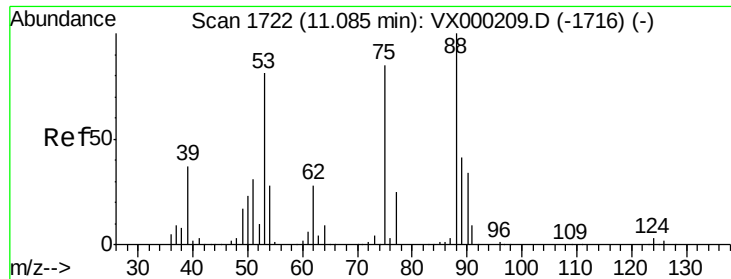
#80
 1,3,5-Trimethylbenzene
 Concen: 19.461 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Tgt Ion: 105 Resp: 120457
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.113 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

ClientSampleId :

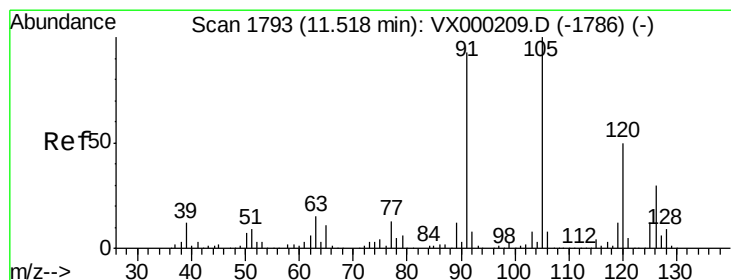
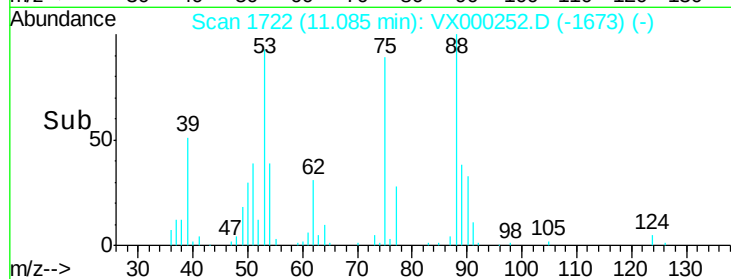
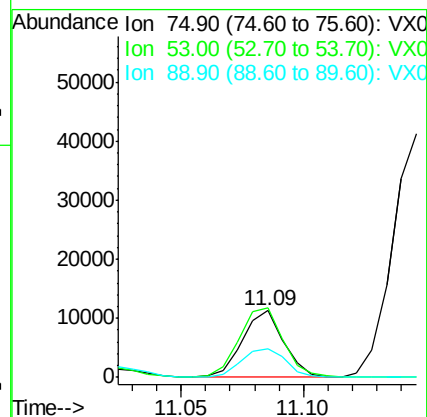
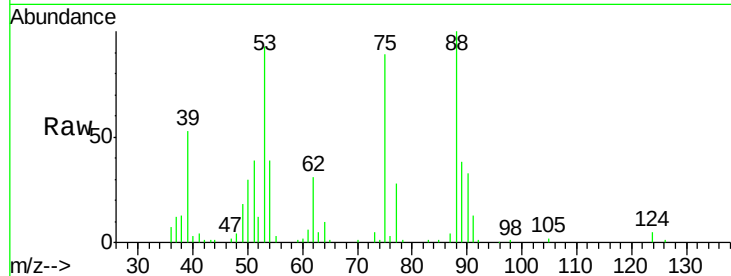
Tot Ion: 75 Resp: 13265

Ion Ratio Lower Upper

75 100

53 112.4 78.6 118.0

89 46.4 38.8 58.2



#82

4-Chlorotoluene

Concen: 19.862 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000252.D

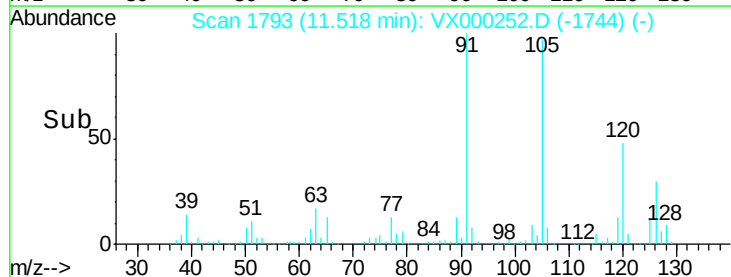
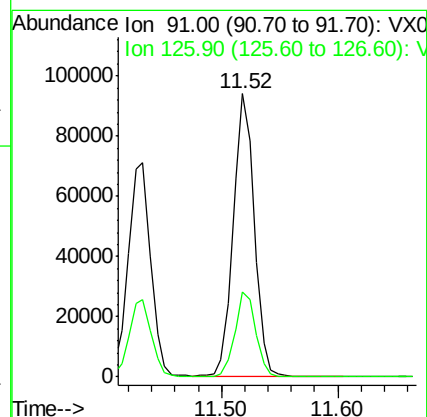
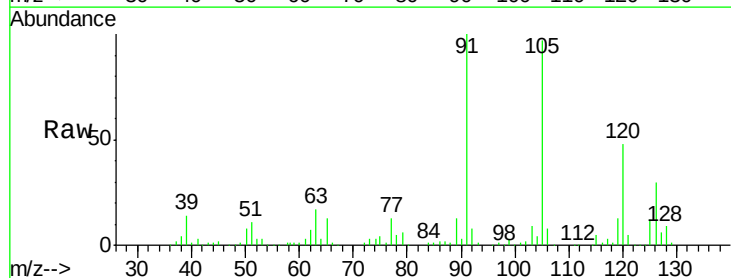
Acq: 09 Mar 2018 13:33

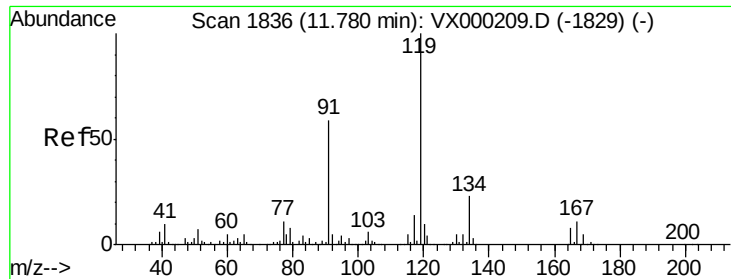
Tgt Ion: 91 Resp: 118863

Ion Ratio Lower Upper

91 100

126 29.9 16.0 48.0

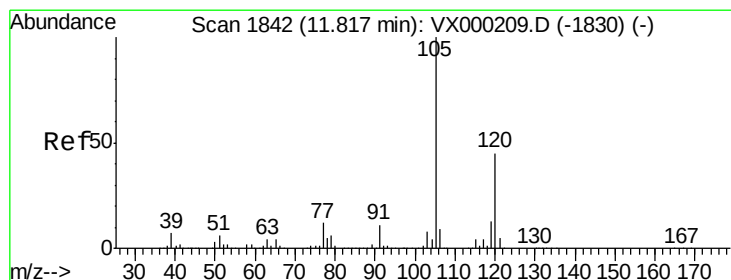
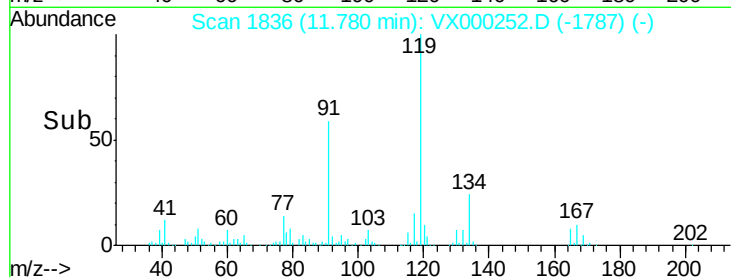
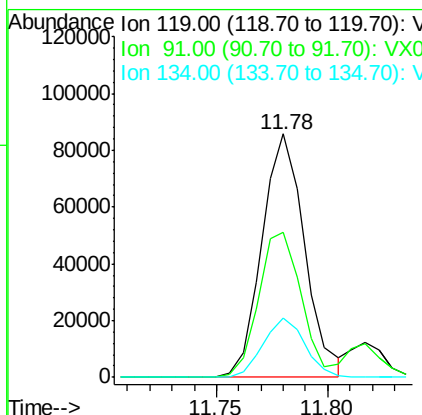
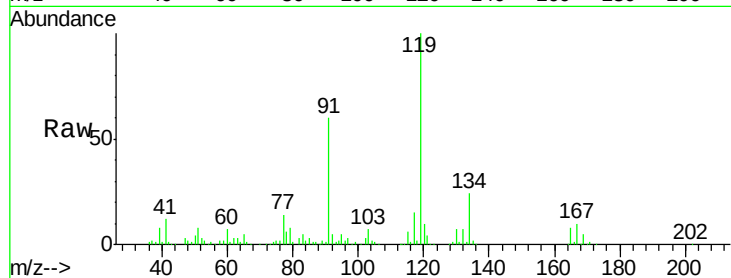




#83
 tert-Butylbenzene
 Concen: 19.018 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

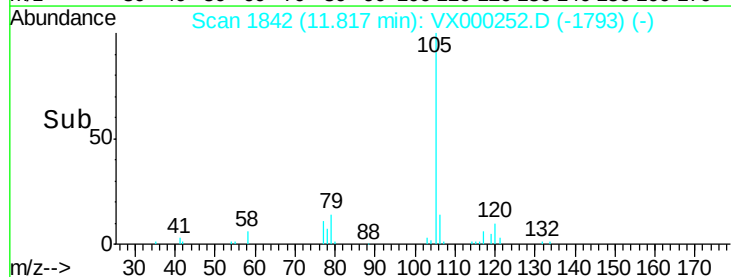
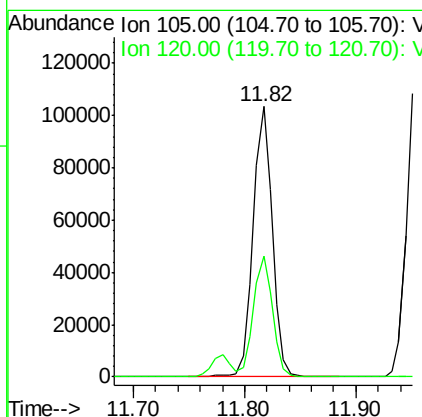
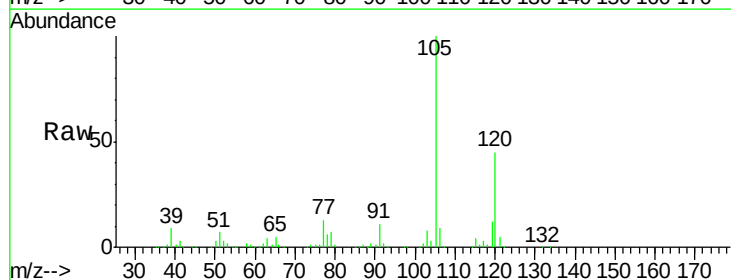
Instrument :
 MSVOA_X
 ClientSampled :

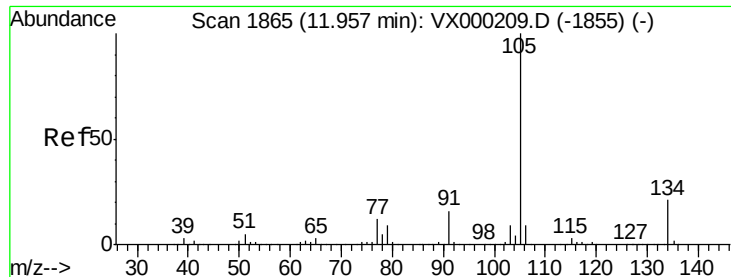
Tot Ion:119 Resp: 114543
 Ion Ratio Lower Upper
 119 100
 91 59.0 28.9 86.7
 134 23.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.552 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Tgt Ion:105 Resp: 124452
 Ion Ratio Lower Upper
 105 100
 120 44.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.733 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

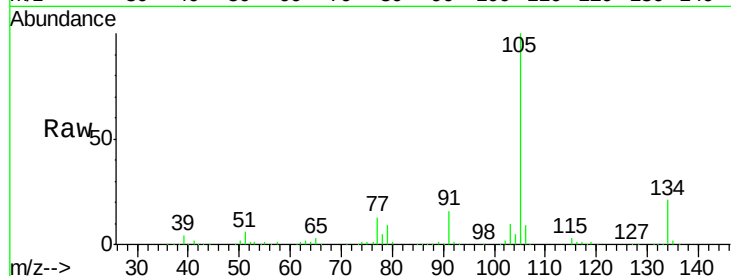
ClientSampleId :

Tot Ion:105 Resp: 150334

Ion Ratio Lower Upper

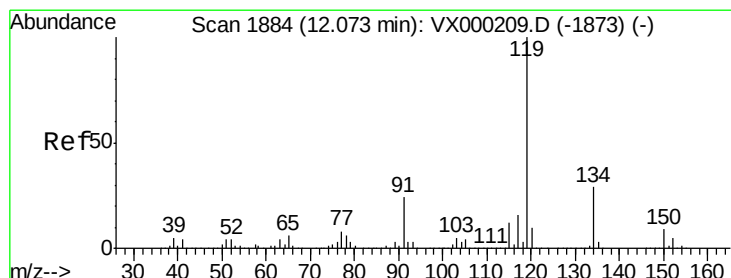
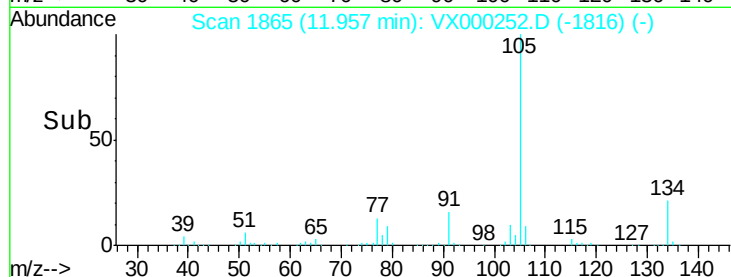
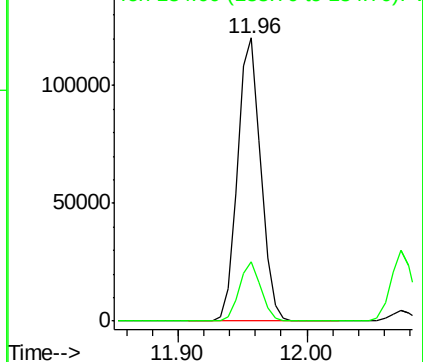
105 100

134 19.8 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.689 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

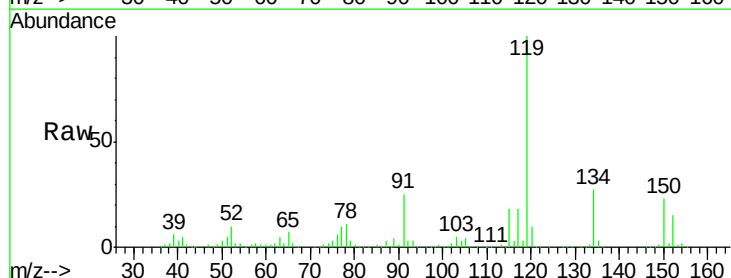
Tgt Ion:119 Resp: 132270

Ion Ratio Lower Upper

119 100

134 27.1 13.8 41.3

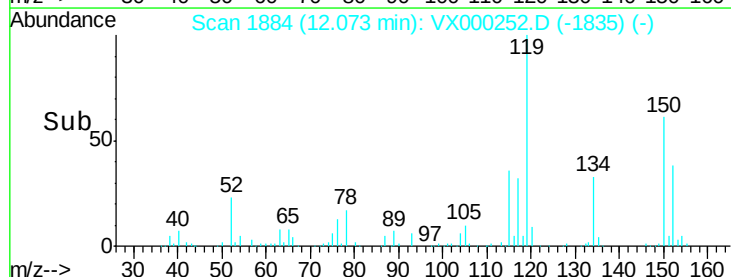
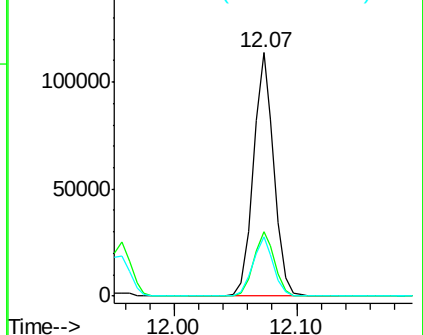
91 24.7 12.0 36.0

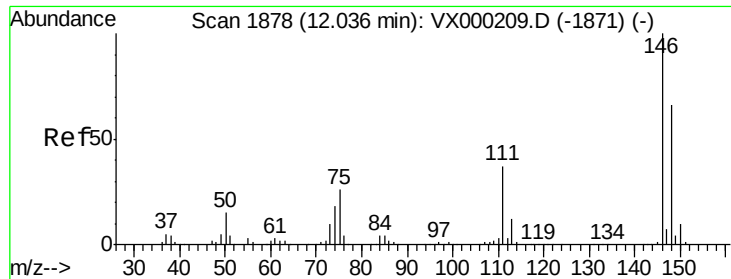


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

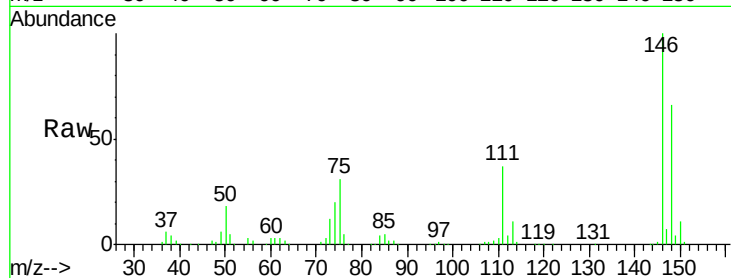




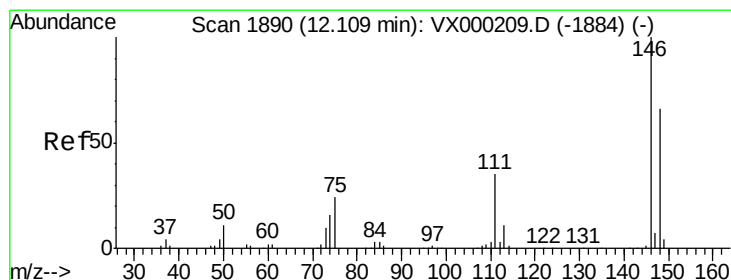
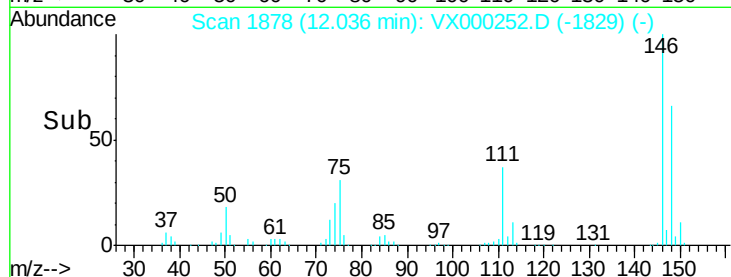
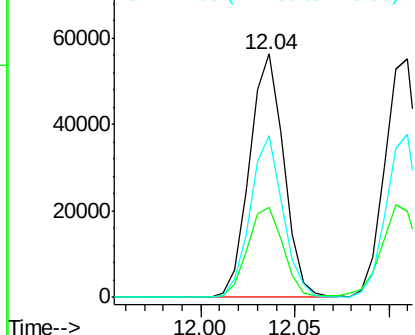
#87
 1,3-Dichlorobenzene
 Concen: 19.485 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 71007
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.0 57.0
 148 63.4 32.1 96.3

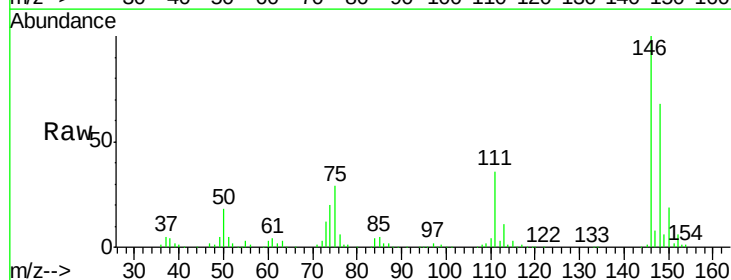


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

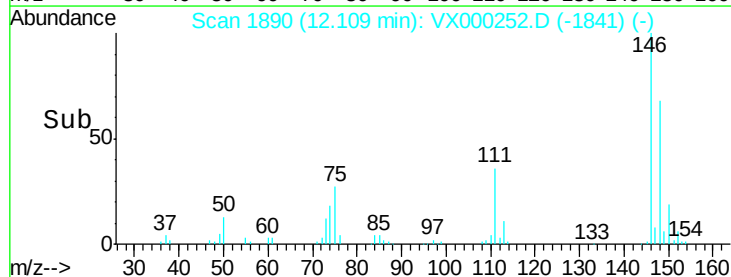
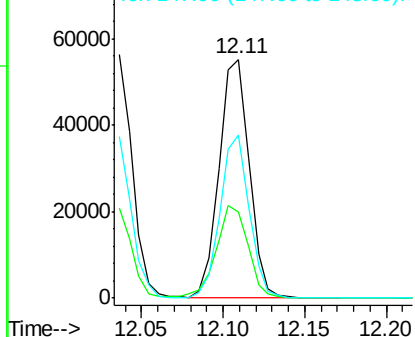


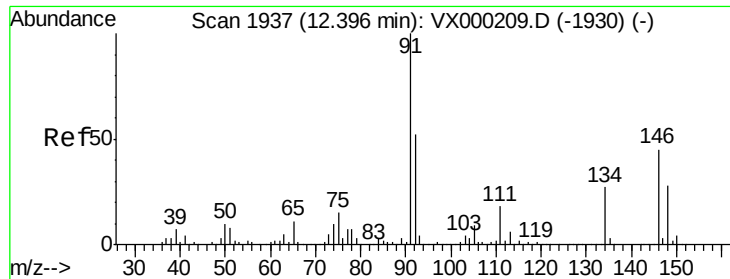
#88
 1,4-Dichlorobenzene
 Concen: 18.668 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Tgt Ion:146 Resp: 71295
 Ion Ratio Lower Upper
 146 100
 111 41.0 18.9 56.9
 148 65.8 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: 20.256 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000252.D

Acq: 09 Mar 2018 13:33

Instrument :

MSVOA_X

ClientSampleId :

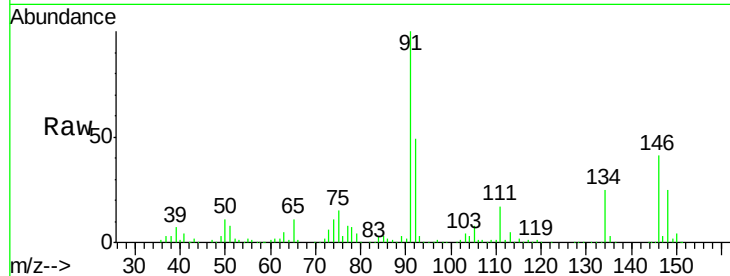
Tot Ion: 91 Resp: 131056

Ion Ratio Lower Upper

91 100

92 50.4 25.8 77.4

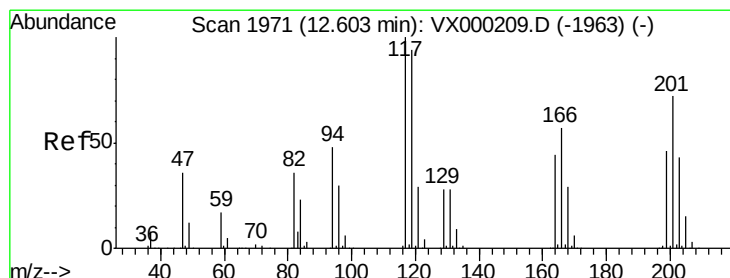
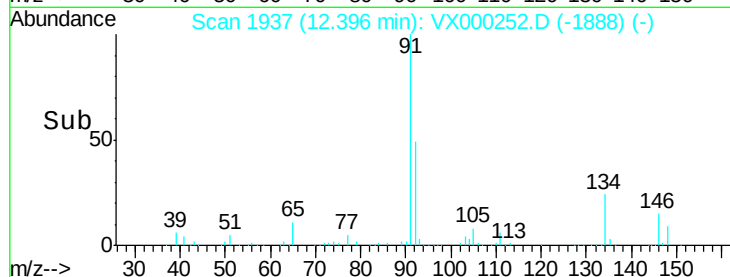
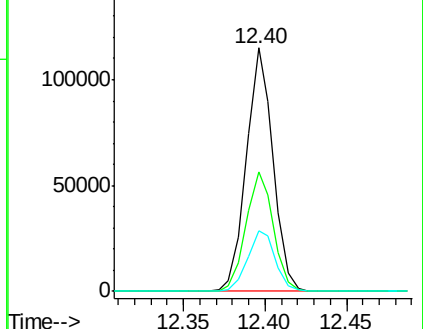
134 25.6 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000209.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000209.D (-1930) (-)



#90

Hexachloroethane

Concen: 18.351 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000252.D

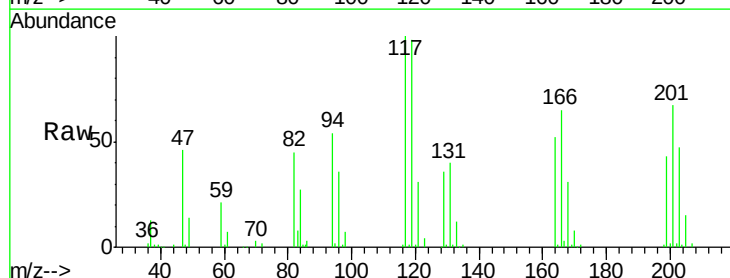
Acq: 09 Mar 2018 13:33

Tgt Ion: 117 Resp: 19863

Ion Ratio Lower Upper

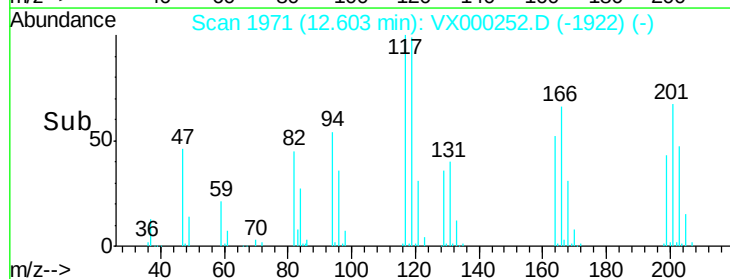
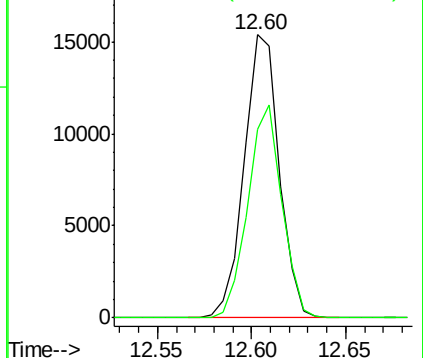
117 100

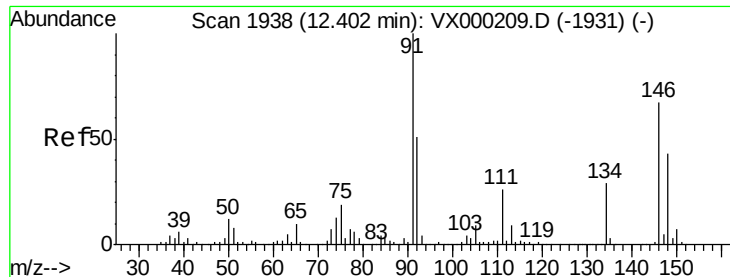
201 73.1 38.2 114.6



Abundance Ion 116.80 (116.50 to 117.50): VX000209.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX000209.D (-1963) (-)

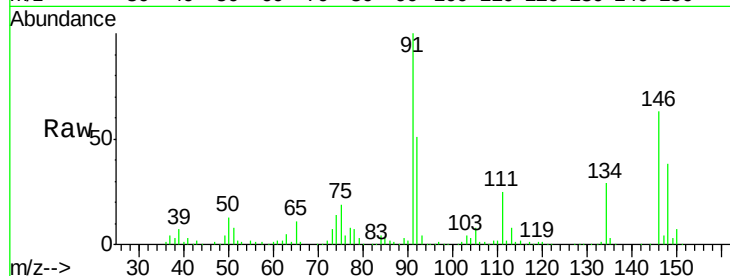




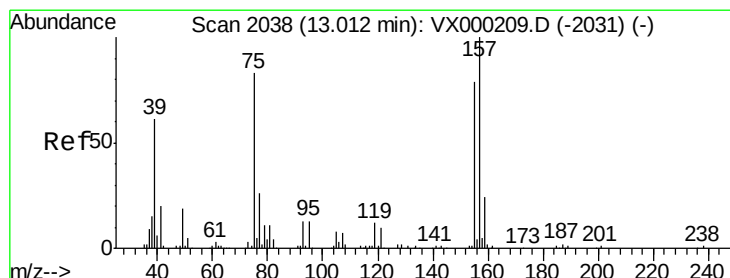
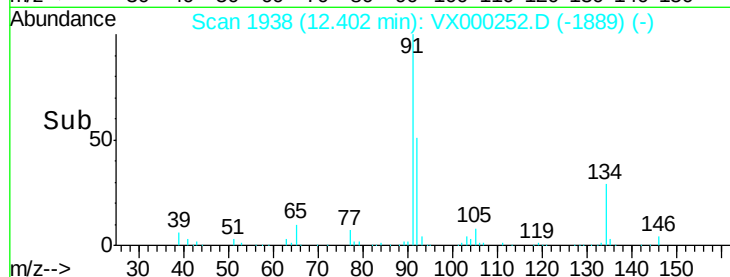
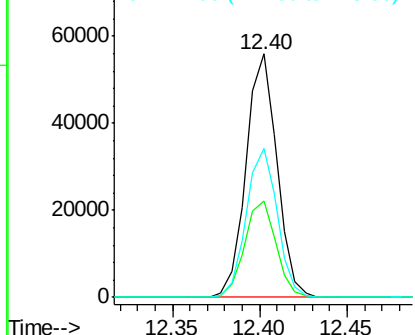
#91
1,2-Dichlorobenzene
Concen: 19.111 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 68951
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.0
148 61.5 32.0 96.0

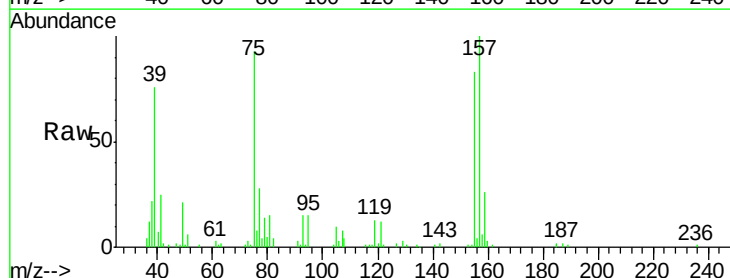


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

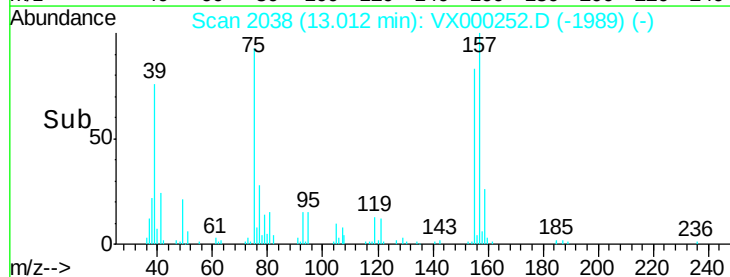
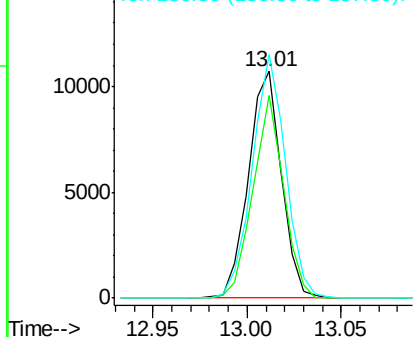


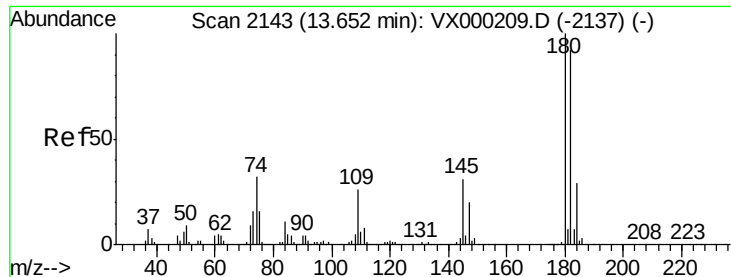
#92
1,2-Dibromo-3-Chloropropane
Concen: 17.823 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion: 75 Resp: 13009
Ion Ratio Lower Upper
75 100
155 83.0 45.5 136.5
157 108.1 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

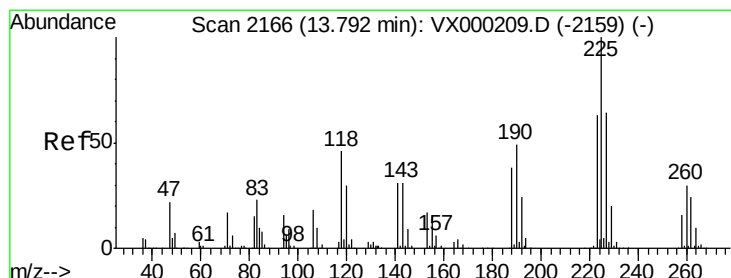
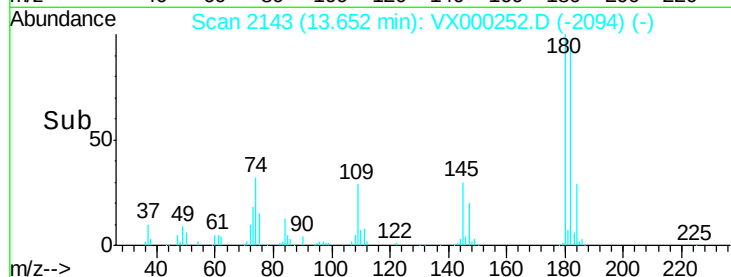
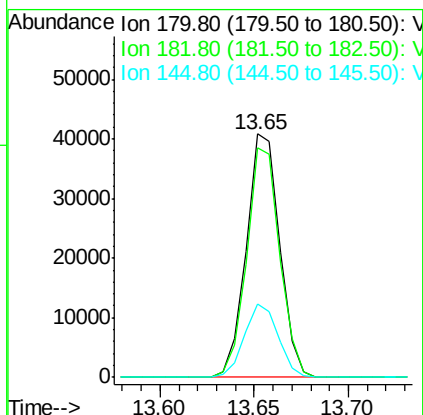
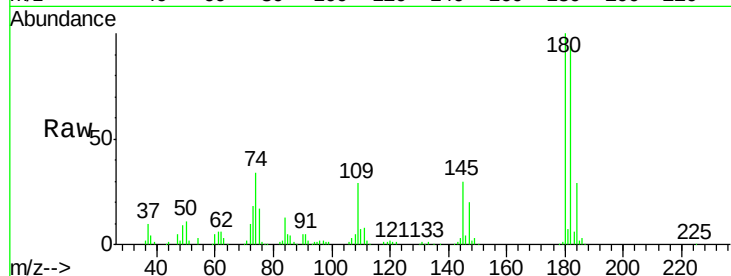




#93
 1,2,4-Trichlorobenzene
 Concen: 19.152 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

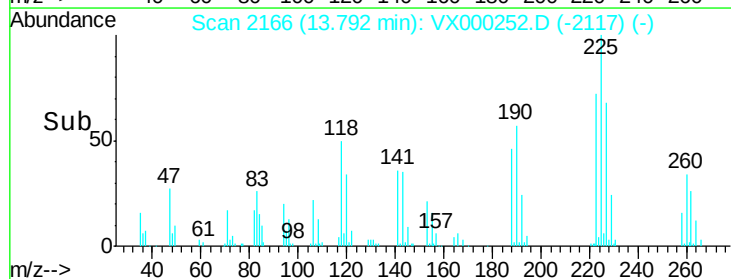
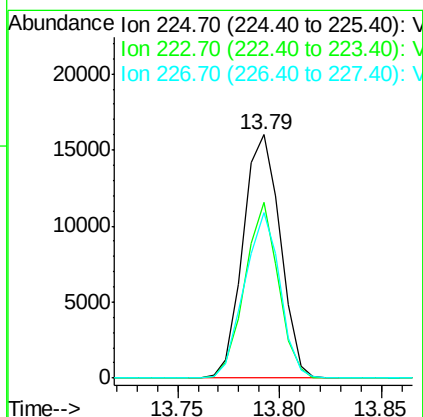
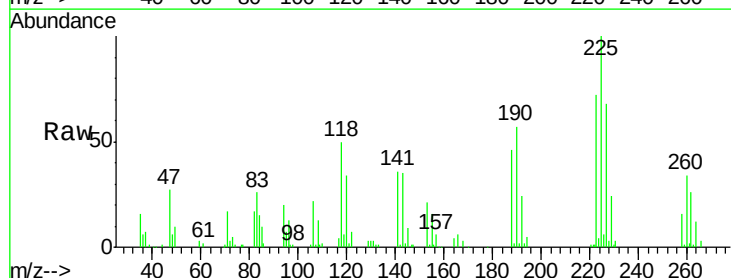
Instrument :
 MSVOA_X
 ClientSampled :

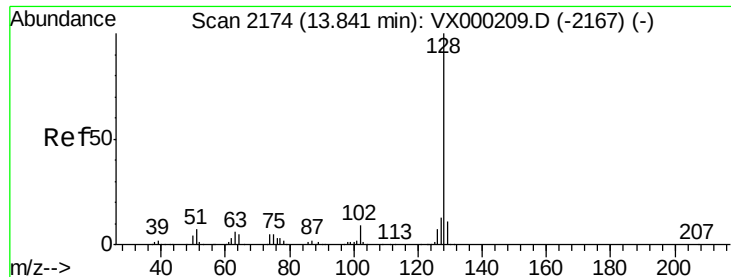
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.0	141.0
145	30.5	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 18.573 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000252.D
 Acq: 09 Mar 2018 13:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.8	95.3
227	64.9	31.9	95.5

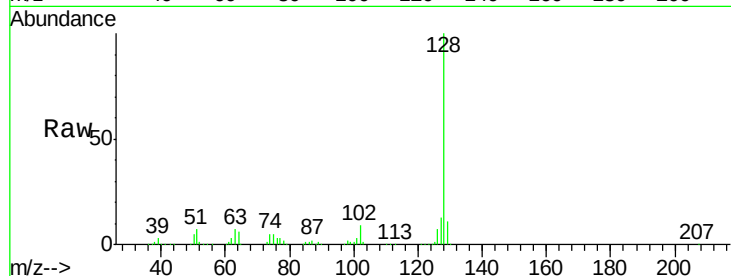




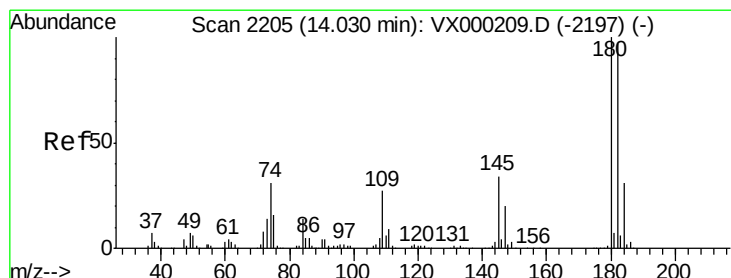
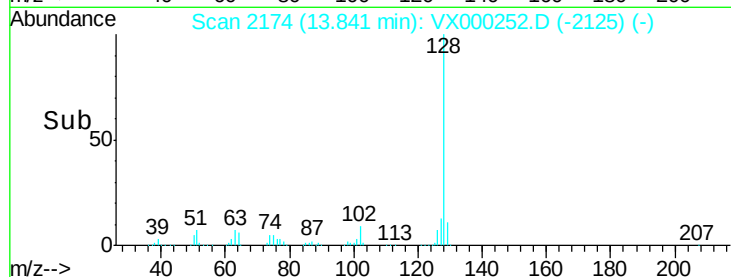
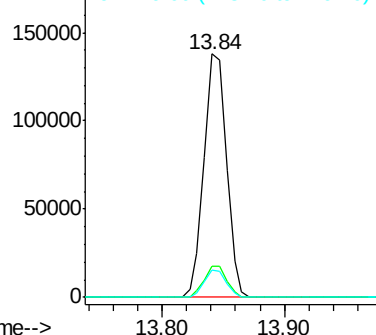
#95
Naphthalene
Concen: 19.128 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 175192
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.1 8.6 13.0

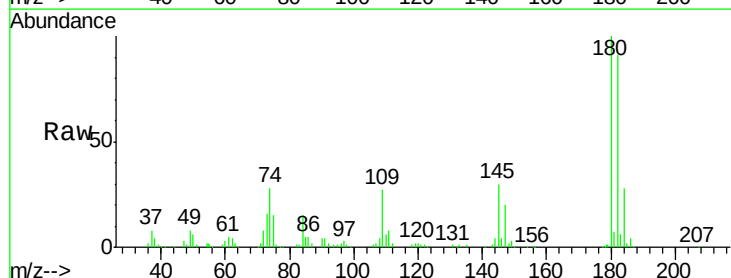


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.135 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000252.D
Acq: 09 Mar 2018 13:33

Tgt Ion:180 Resp: 49684
Ion Ratio Lower Upper
180 100
182 93.2 48.0 144.0
145 31.0 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

