

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002549.D
 Acq On : 14 Jun 2018 14:00
 Operator : JC/MD
 Sample : VX0614WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 01:29:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230270	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	207959	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	5.51	113	166411	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	8.72	98	645524	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	11.14	95	240551	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49848	17.29	ug/l	96
3) Chloromethane	1.32	50	55612	14.81	ug/l	100
4) Vinyl Chloride	1.40	62	63222	17.40	ug/l	97
5) Bromomethane	1.64	94	36335	15.36	ug/l	99
6) Chloroethane	1.73	64	42950	18.27	ug/l	97
7) Trichlorofluoromethane	1.93	101	111634	20.16	ug/l	99
8) Diethyl Ether	2.19	74	41557	19.67	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	65880	22.05	ug/l	99
10) Methyl Iodide	2.51	142	68971	16.41	ug/l	100
11) Tert butyl alcohol	3.07	59	86102	93.54	ug/l	98
12) 1,1-Dichloroethene	2.37	96	55860	18.92	ug/l	97
13) Acrolein	2.29	56	15268	30.19	ug/l	100
14) Allyl chloride	2.73	41	112304	17.53	ug/l	99
15) Acrylonitrile	3.15	53	178968	100.22	ug/l	99
16) Acetone	2.45	43	185580	97.07	ug/l	98
17) Carbon Disulfide	2.57	76	113148	14.54	ug/l	99
18) Methyl Acetate	2.78	43	85901	20.00	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	222873	20.25	ug/l	100
20) Methylene Chloride	2.86	84	64673	18.90	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	59984	18.42	ug/l	94
22) Diisopropyl ether	3.87	45	229430	20.56	ug/l	98
23) Vinyl Acetate	3.82	43	982886	94.63	ug/l	100
24) 1,1-Dichloroethane	3.70	63	121125	19.13	ug/l	99
25) 2-Butanone	4.70	43	248798	91.49	ug/l	99
26) 2,2-Dichloropropane	4.59	77	90930	18.37	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	65879	18.61	ug/l	95
28) Bromochloromethane	5.02	49	70995	24.55	ug/l	100
29) Tetrahydrofuran	5.17	42	155273	88.56	ug/l	98
30) Chloroform	5.21	83	114089	18.67	ug/l	100
31) Cyclohexane	5.57	56	95510	19.07	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	97769	18.87	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80914	19.21	ug/l	99
37) Ethyl Acetate	4.86	43	95813	18.91	ug/l	99
38) Carbon Tetrachloride	5.79	117	82678	18.76	ug/l	98

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 ClientSampleId :

Quant Time: Jun 15 01:29:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100624	19.50	ug/l	98
40) Benzene	6.15	78	243522	18.86	ug/l	99
41) Methacrylonitrile	5.06	41	54026	18.63	ug/l	98
42) 1,2-Dichloroethane	6.20	62	95677	18.65	ug/l	100
43) Isopropyl Acetate	6.46	43	157100	18.26	ug/l	99
44) Trichloroethene	7.21	130	69487	19.39	ug/l	95
45) 1,2-Dichloropropane	7.52	63	66033	18.94	ug/l	97
46) Dibromomethane	7.66	93	44017	18.62	ug/l	99
47) Bromodichloromethane	7.90	83	77702	18.18	ug/l	96
48) Methyl methacrylate	7.78	41	80289	18.58	ug/l	99
49) 1,4-Dioxane	7.76	88	31907	394.85	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	507604	94.74	ug/l	99
52) Toluene	8.79	92	157056	19.12	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	94052	18.35	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	86700	17.93	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	65284	19.32	ug/l	98
56) Ethyl methacrylate	9.18	69	101581	18.83	ug/l	98
57) 1,3-Dichloropropane	9.37	76	108409	19.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	212888	85.28	ug/l	100
59) 2-Hexanone	9.50	43	393131	94.99	ug/l	98
60) Dibromochloromethane	9.59	129	61964	18.23	ug/l	97
61) 1,2-Dibromoethane	9.68	107	67193	19.07	ug/l	99
64) Tetrachloroethene	9.34	164	76904	19.74	ug/l	96
65) Chlorobenzene	10.14	112	182012	19.36	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	64963	19.09	ug/l	99
67) Ethyl Benzene	10.26	91	312811	19.89	ug/l	100
68) m/p-Xylenes	10.36	106	239197	39.12	ug/l	100
69) o-Xylene	10.70	106	118132	19.41	ug/l	99
70) Styrene	10.71	104	196097	19.71	ug/l	100
71) Bromoform	10.86	173	45717	17.42	ug/l #	98
73) Isopropylbenzene	11.02	105	323981	20.23	ug/l	100
74) N-amyl acetate	6.46	43	157100	18.20	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	95375	18.93	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	108210	21.42	ug/l	81
77) Bromobenzene	11.26	156	87904	19.55	ug/l	98
78) n-propylbenzene	11.37	91	373741	20.99	ug/l	100
79) 2-Chlorotoluene	11.43	91	217327	19.33	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	273153	19.88	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23557	16.34	ug/l	91
82) 4-Chlorotoluene	11.51	91	257500	19.84	ug/l	99
83) tert-Butylbenzene	11.77	119	271726	20.31	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	279679	19.77	ug/l	100
85) sec-Butylbenzene	11.95	105	337636	21.53	ug/l	100
86) p-Isopropyltoluene	12.07	119	304012	21.28	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	162664	20.23	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	164893	19.90	ug/l	99
89) n-Butylbenzene	12.39	91	269886	22.52	ug/l	100
90) Hexachloroethane	12.60	117	40278	17.66	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	162410	19.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20141	18.28	ug/l	98

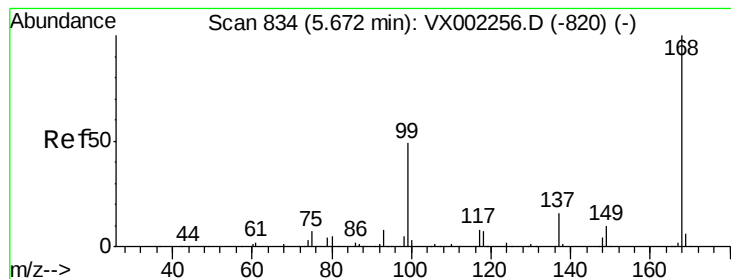
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061418\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	125876	21.58	ug/l	100
94) Hexachlorobutadiene	13.79	225	66599	23.10	ug/l	99
95) Naphthalene	13.84	128	339141	20.23	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	125447	21.09	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

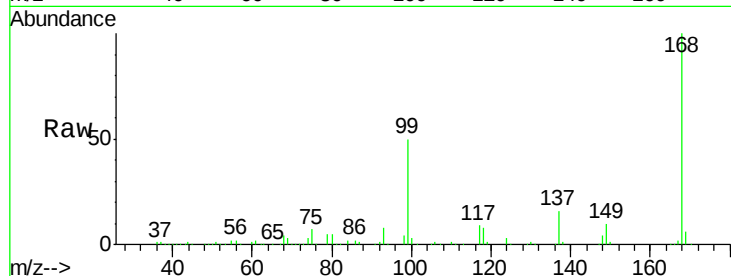
ClientSampleId :

Tot Ion:168 Resp: 277345

Ion Ratio Lower Upper

168 100

99 49.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

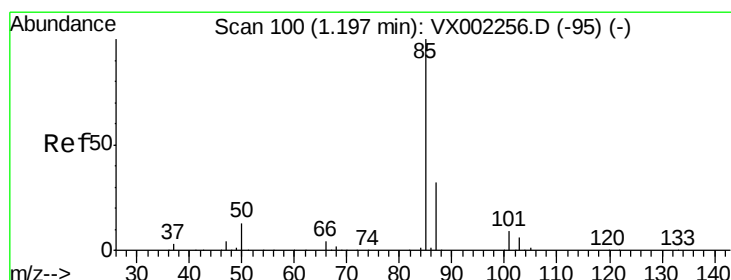
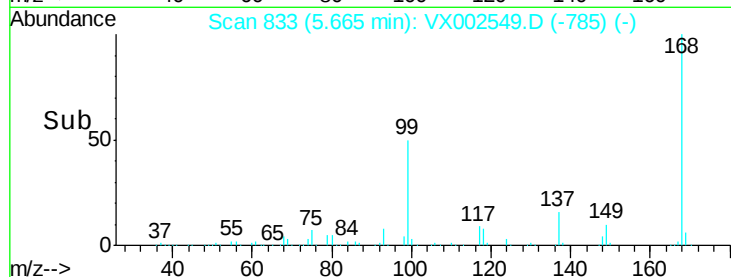
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.29 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002549.D

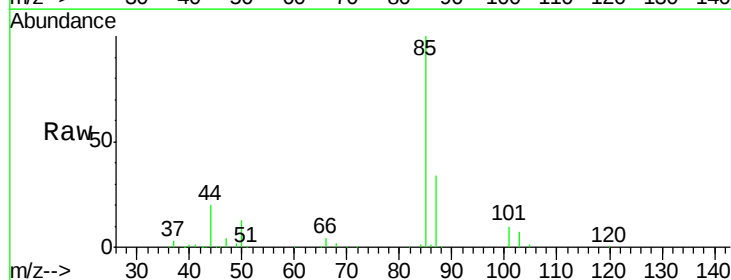
Acq: 14 Jun 2018 14:00

Tgt Ion: 85 Resp: 49848

Ion Ratio Lower Upper

85 100

87 34.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

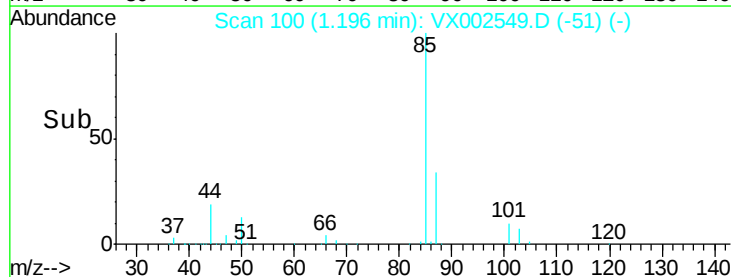
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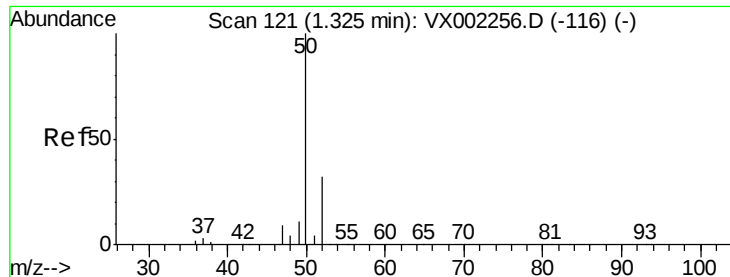
10000

0

Time-->

1.15 1.20 1.25 1.30

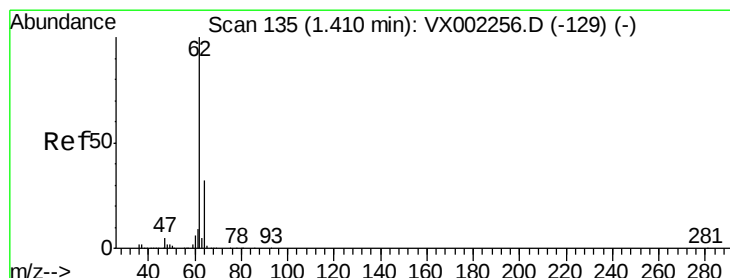
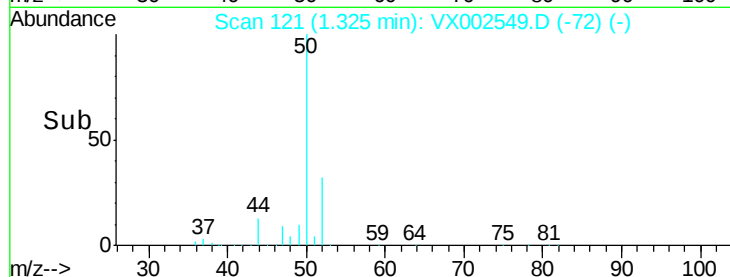
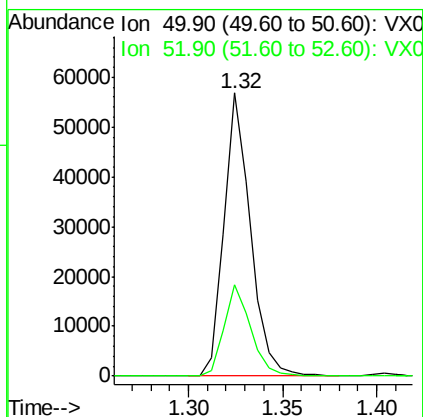
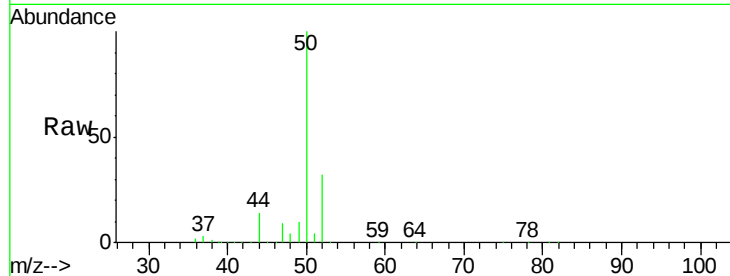




#3
Chloromethane
Concen: 14.81 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

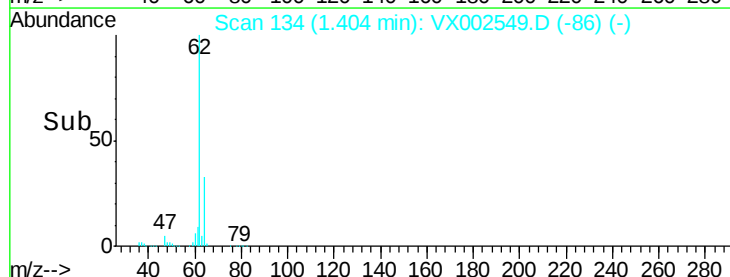
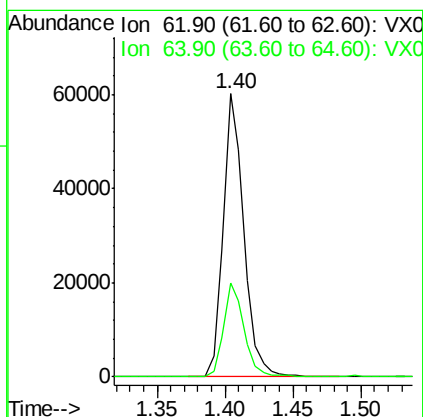
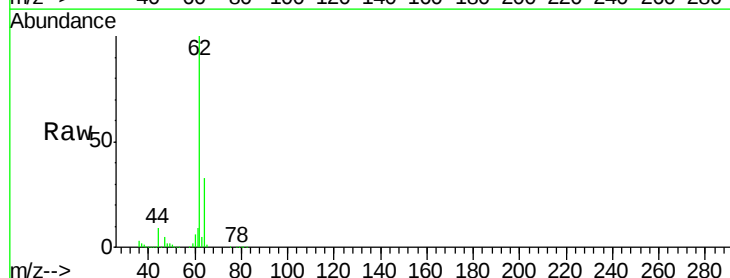
Instrument :
MSVOA_X
ClientSampled :

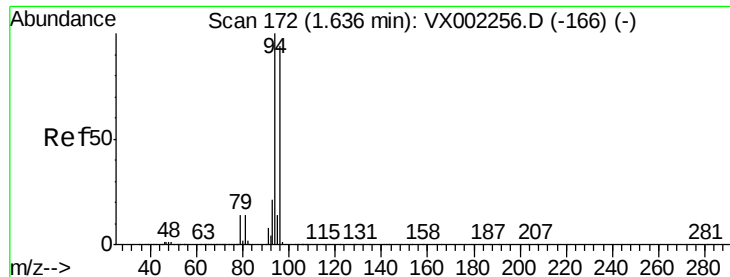
Tot Ion: 50 Resp: 55612
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5



#4
Vinyl Chloride
Concen: 17.40 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion: 62 Resp: 63222
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.2





#5

Bromomethane

Concen: 15.36 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

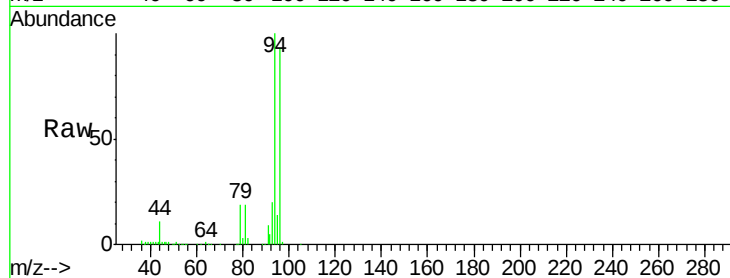
ClientSampleId :

Tot Ion: 94 Resp: 36335

Ion Ratio Lower Upper

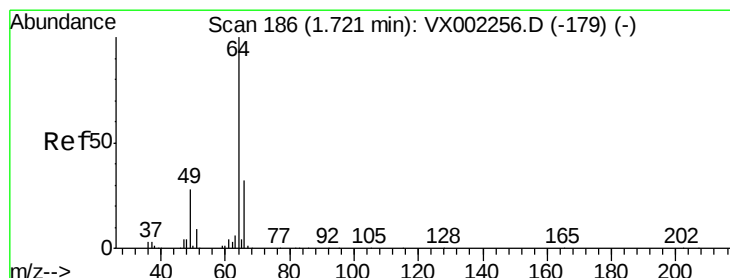
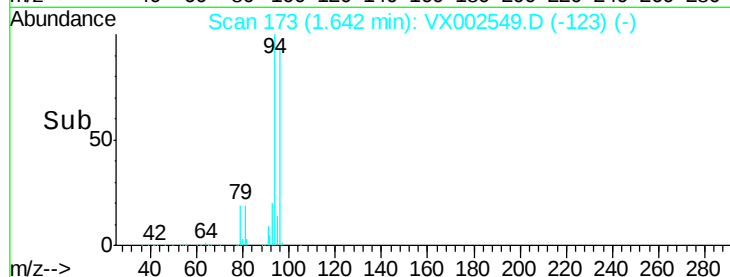
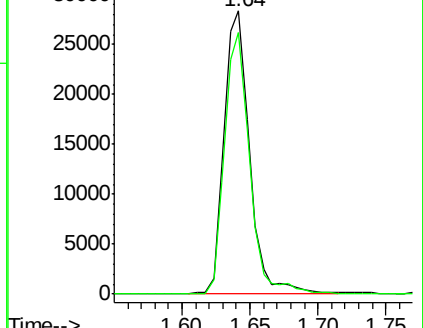
94 100

96 92.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.27 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002549.D

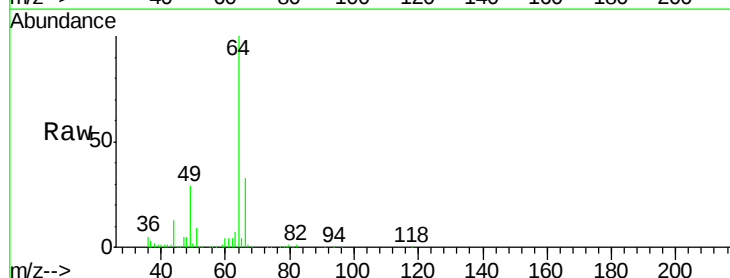
Acq: 14 Jun 2018 14:00

Tgt Ion: 64 Resp: 42950

Ion Ratio Lower Upper

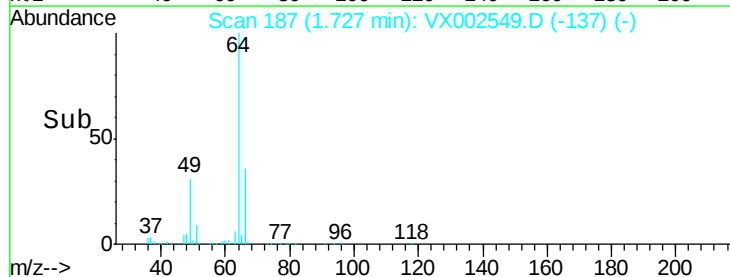
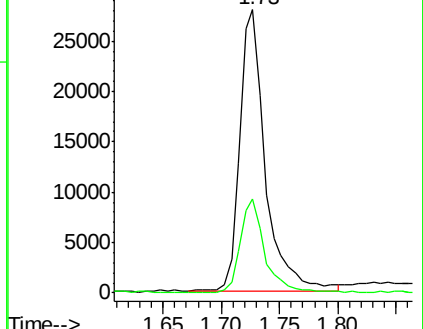
64 100

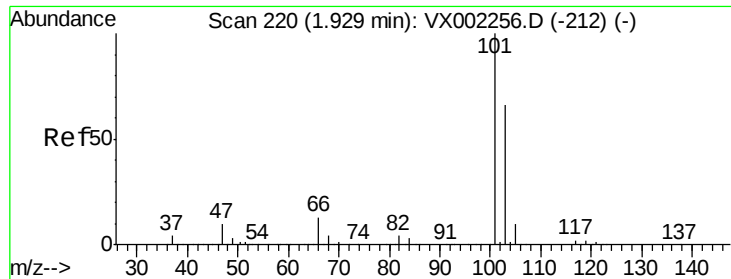
66 33.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



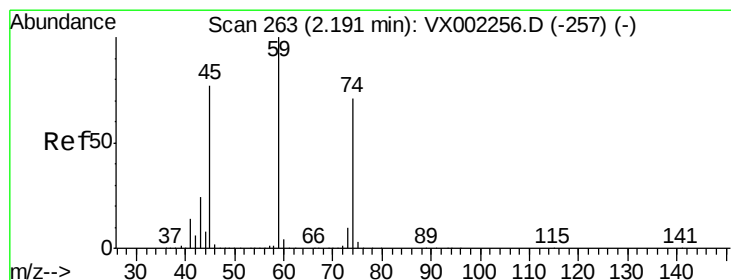
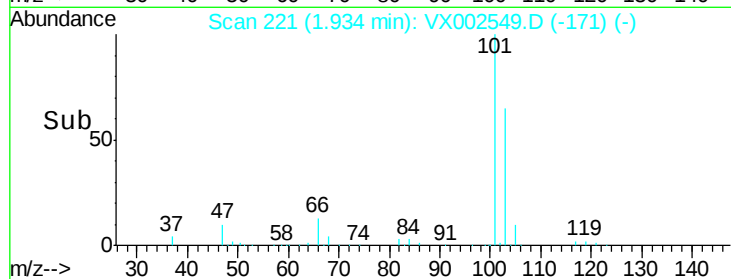
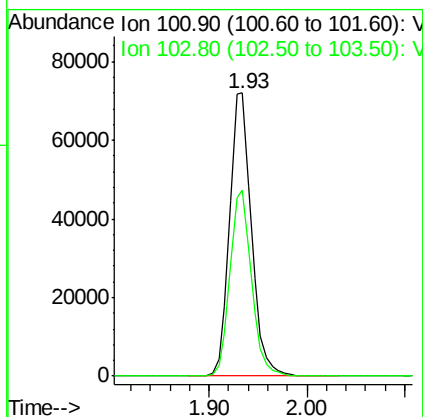
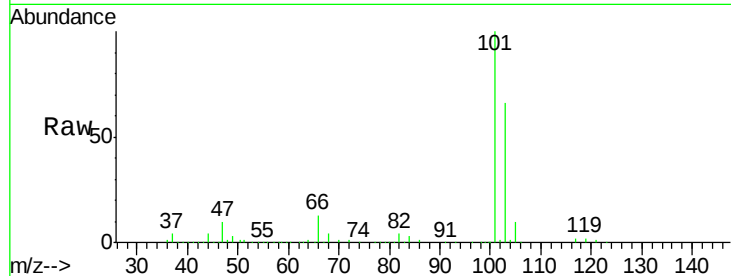


#7

Trichlorofluoromethane
 Concen: 20.16 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :

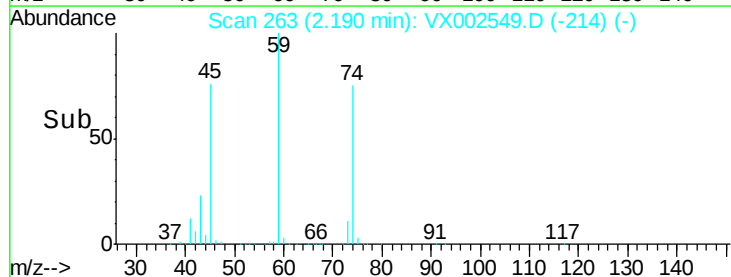
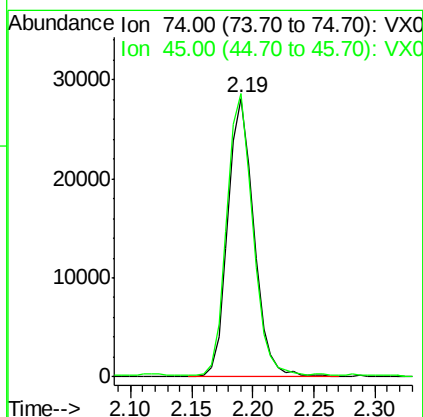
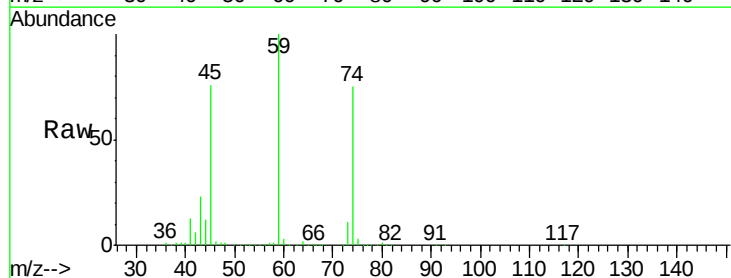
Tot Ion:101 Resp: 111634
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.8 79.2

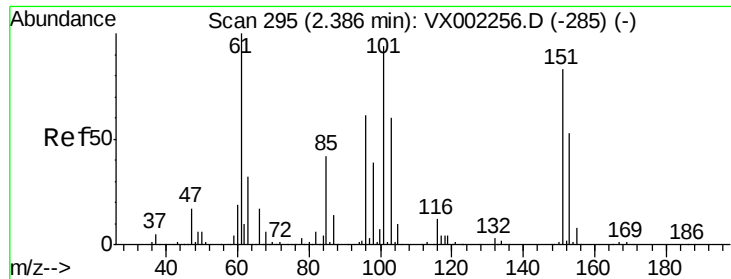


#8

Diethyl Ether
 Concen: 19.67 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

Tgt Ion: 74 Resp: 41557
 Ion Ratio Lower Upper
 74 100
 45 100.4 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.05 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

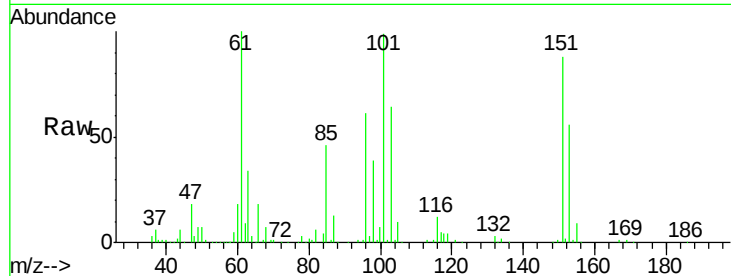
Tot Ion:101 Resp: 65880

Ion Ratio Lower Upper

101 100

85 45.7 36.0 54.0

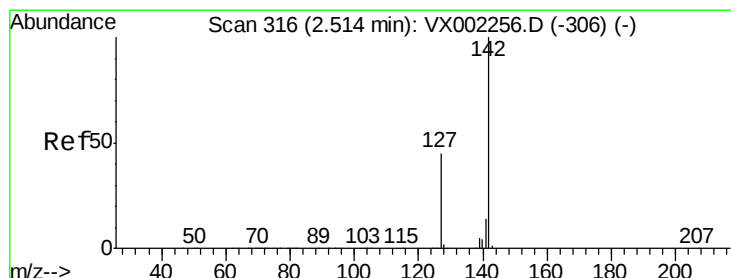
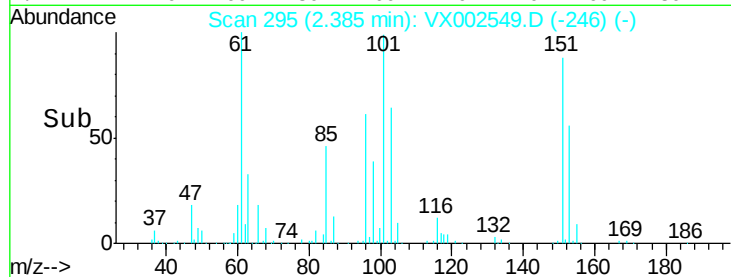
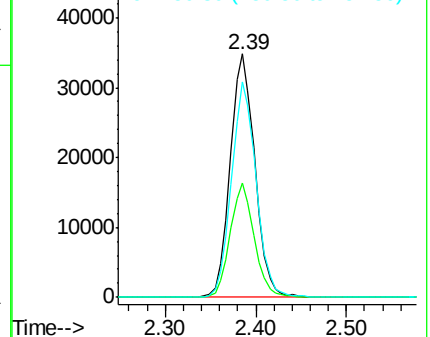
151 88.3 70.9 106.3



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: 16.41 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

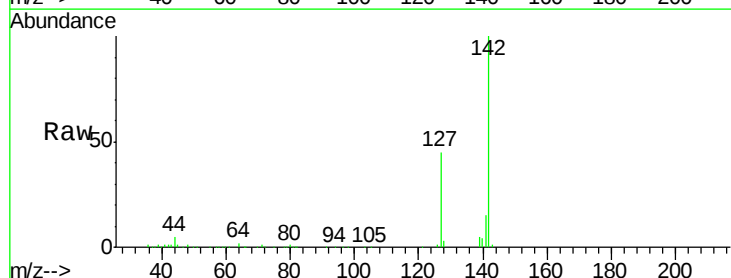
Tgt Ion:142 Resp: 68971

Ion Ratio Lower Upper

142 100

127 46.0 36.6 55.0

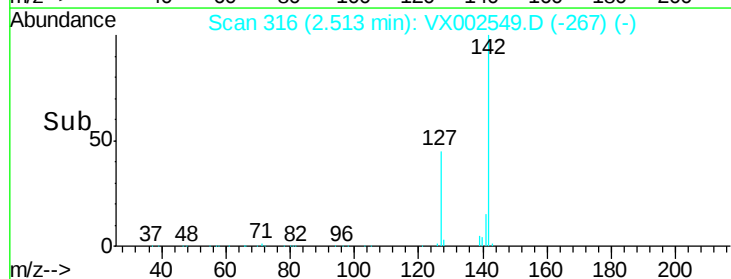
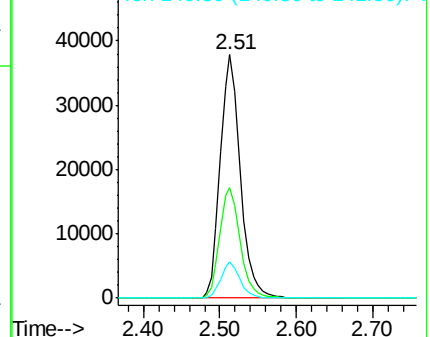
141 14.2 11.3 16.9

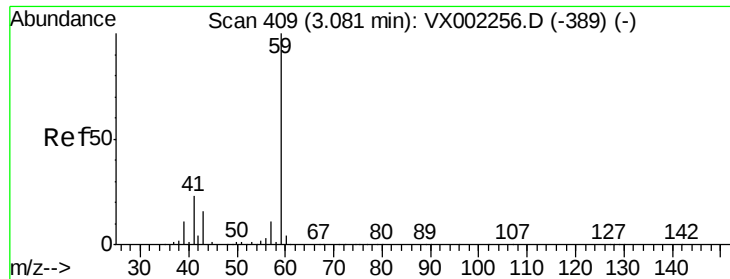


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

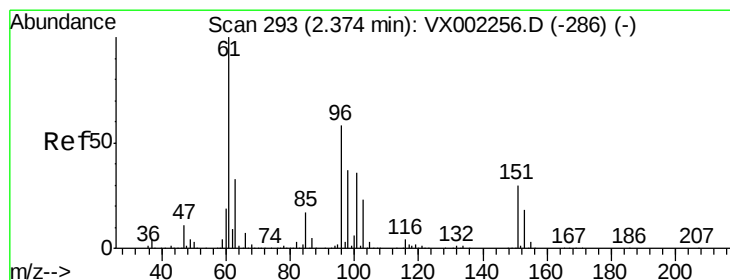
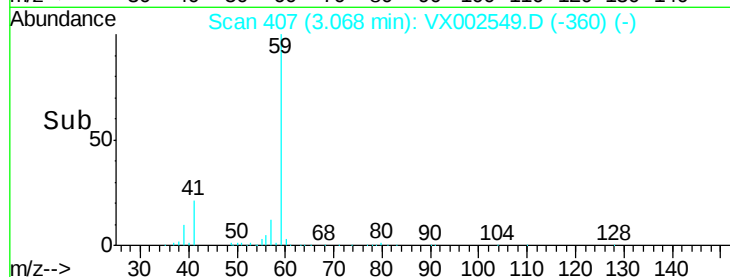
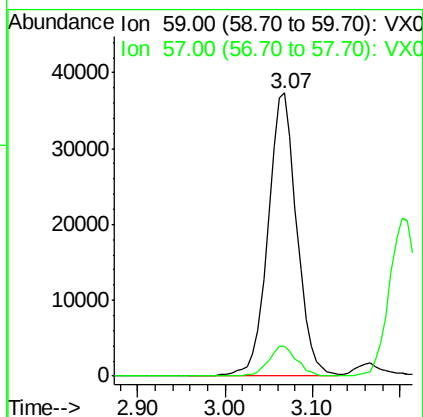
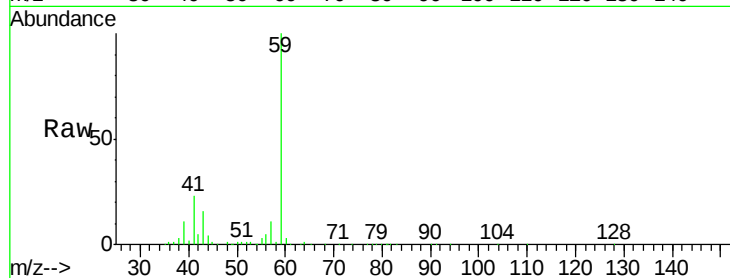




#11
Tert butyl alcohol
Concen: 93.54 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

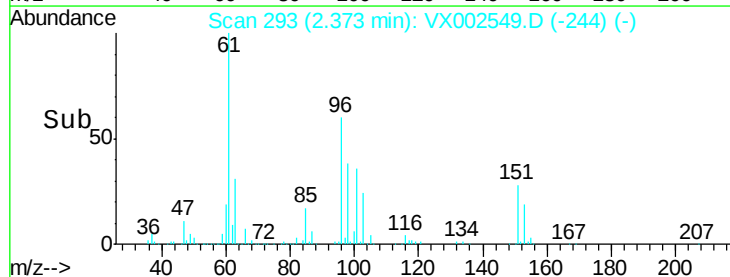
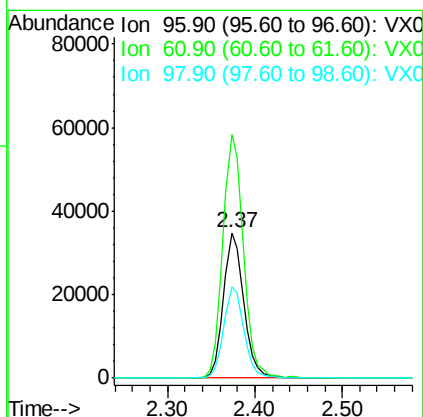
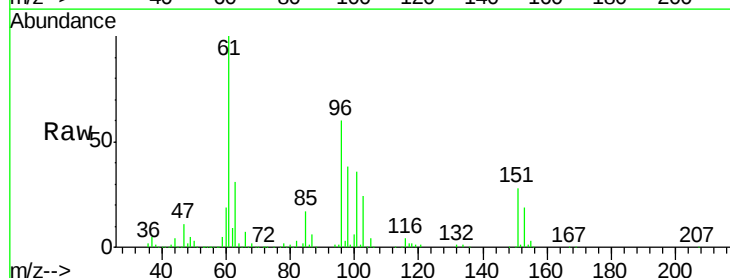
Instrument :
MSVOA_X
ClientSampled :

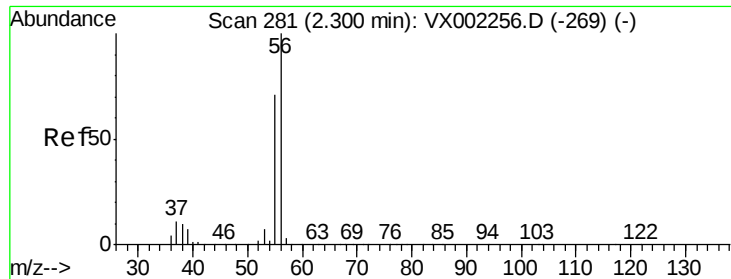
Tot Ion: 59 Resp: 86102
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.92 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion: 96 Resp: 55860
Ion Ratio Lower Upper
96 100
61 167.6 137.9 206.9
98 63.1 51.6 77.4





#13

Acrolein

Concen: 30.19 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

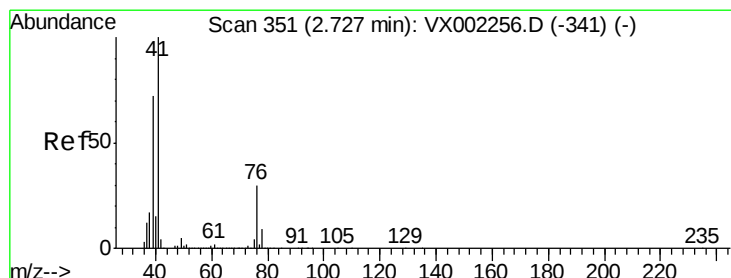
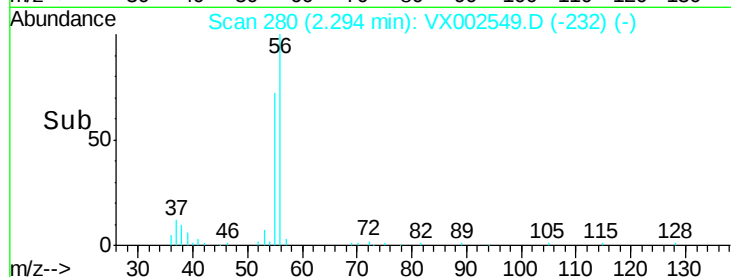
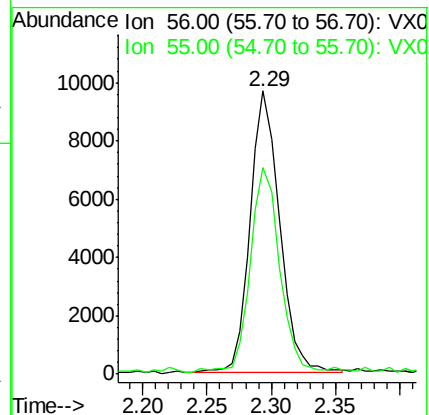
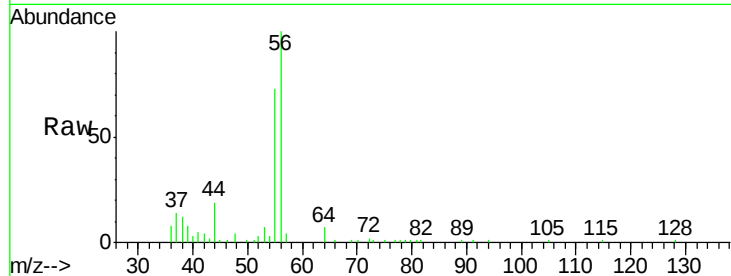
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 15268

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 17.53 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

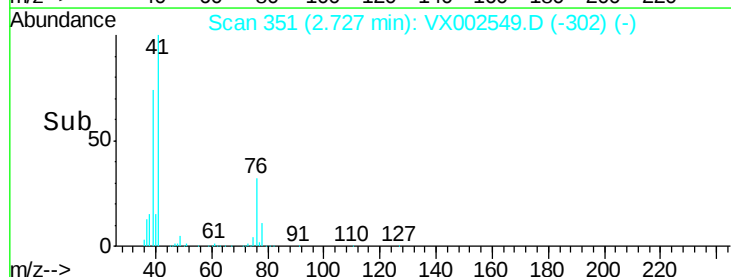
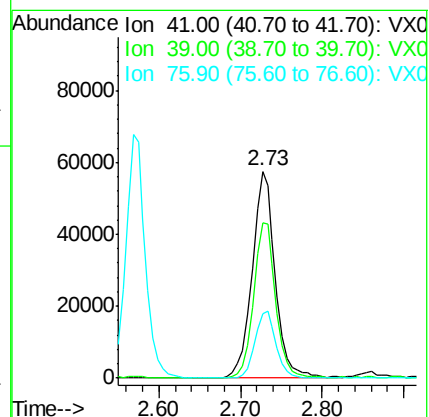
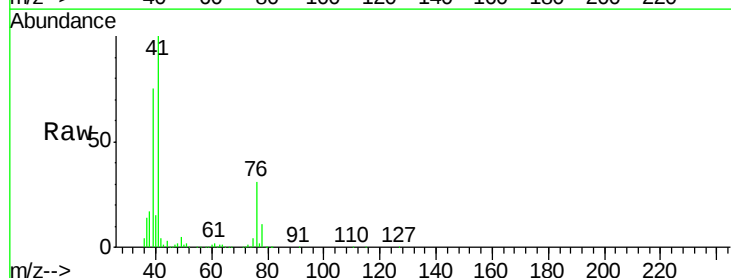
Tgt Ion: 41 Resp: 112304

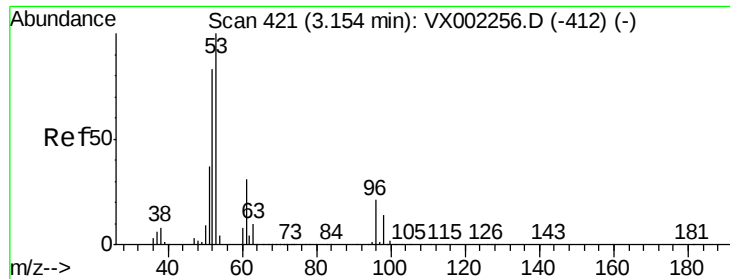
Ion Ratio Lower Upper

41 100

39 71.9 56.8 85.2

76 30.2 23.8 35.8





#15

Acrylonitrile

Concen: 100.22 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :

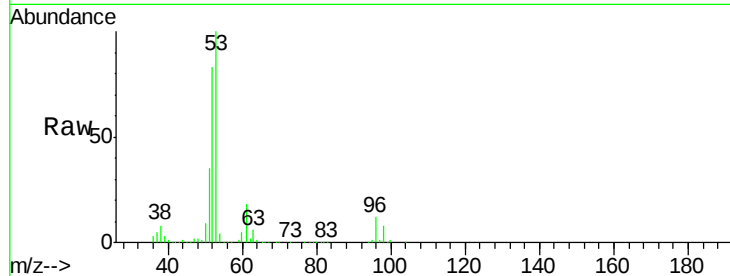
Tot Ion: 53 Resp: 178968

Ion Ratio Lower Upper

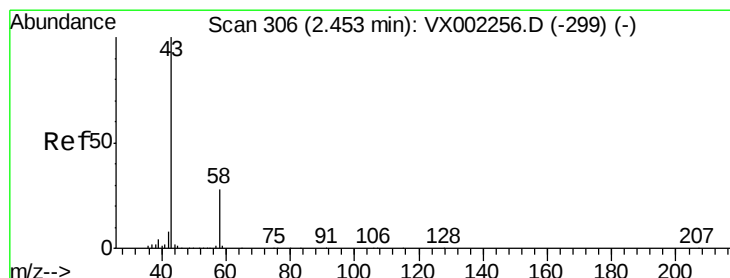
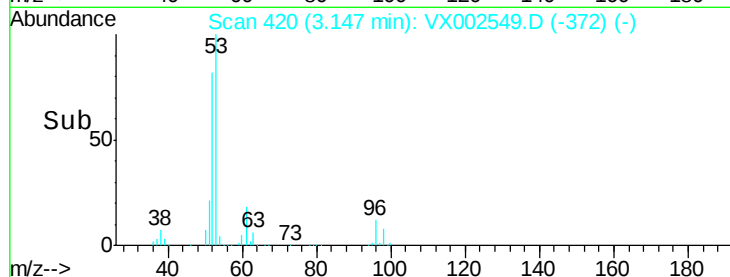
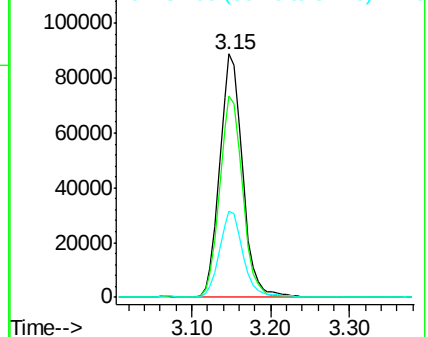
53 100

52 82.8 66.7 100.1

51 36.5 29.9 44.9



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



#16

Acetone

Concen: 97.07 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002549.D

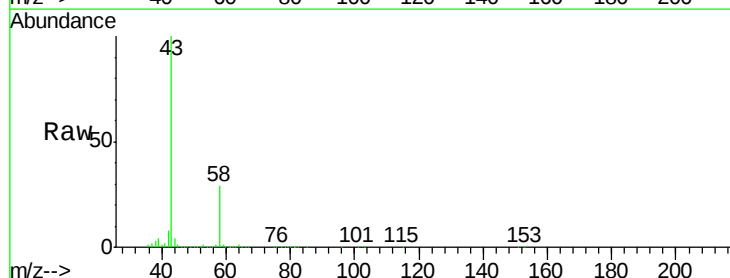
Acq: 14 Jun 2018 14:00

Tgt Ion: 43 Resp: 185580

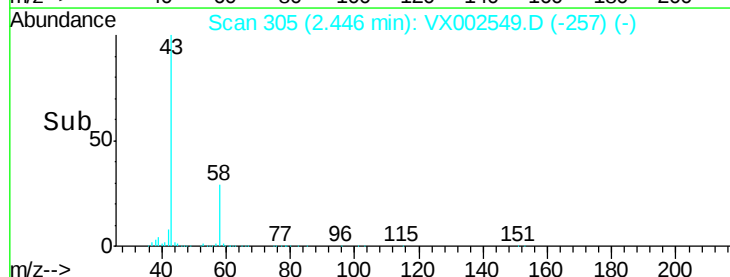
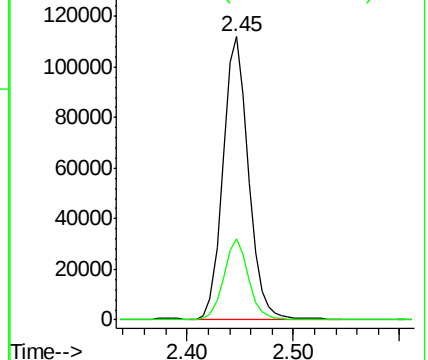
Ion Ratio Lower Upper

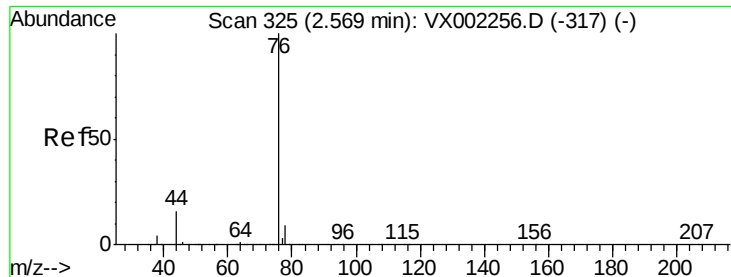
43 100

58 28.8 22.1 33.1



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





#17

Carbon Disulfide

Concen: 14.54 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

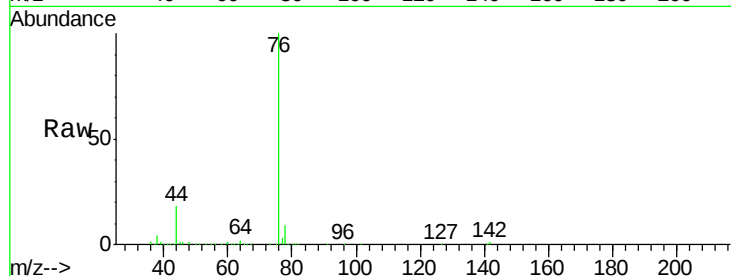
ClientSampleId :

Tot Ion: 76 Resp: 113148

Ion Ratio Lower Upper

76 100

78 8.4 6.9 10.3

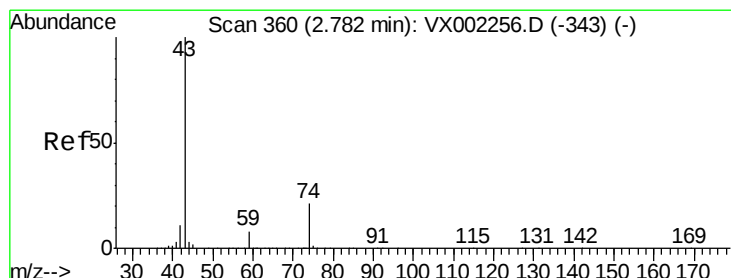
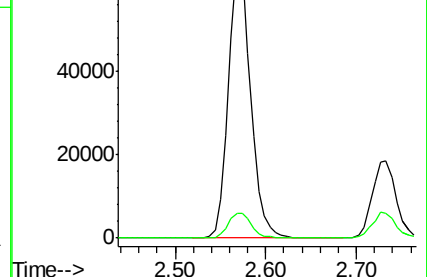
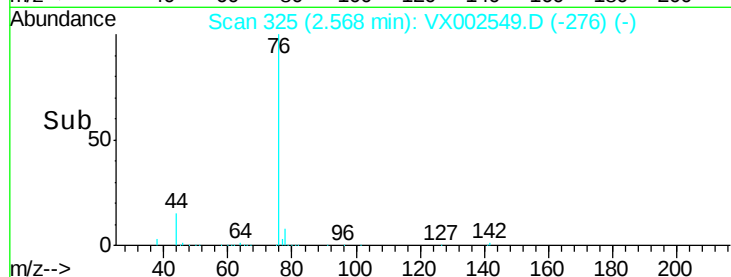


Abundance Ion 75.90 (75.60 to 76.60): VX002256.D (-317) (-)

Ion 77.90 (77.60 to 78.60): VX002256.D (-317) (-)

2.57

Time-->



#18

Methyl Acetate

Concen: 20.00 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002549.D

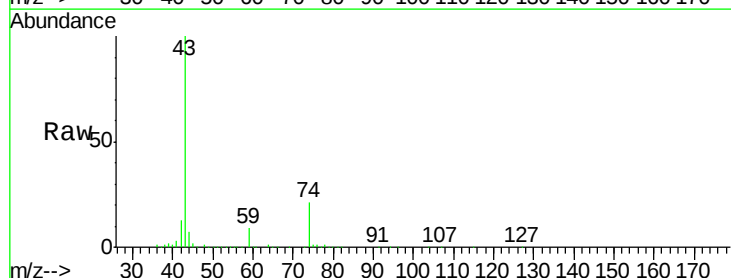
Acq: 14 Jun 2018 14:00

Tgt Ion: 43 Resp: 85901

Ion Ratio Lower Upper

43 100

74 22.0 16.7 25.1

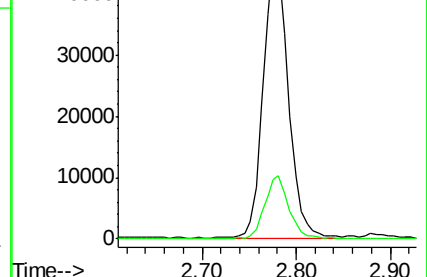
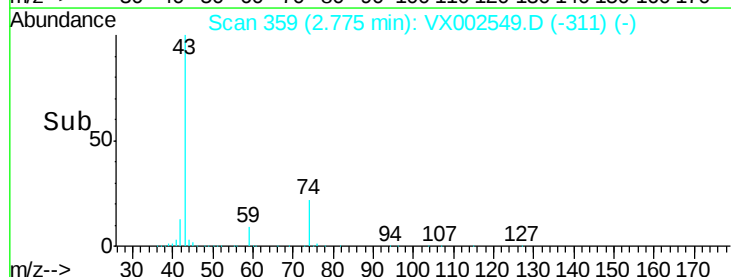


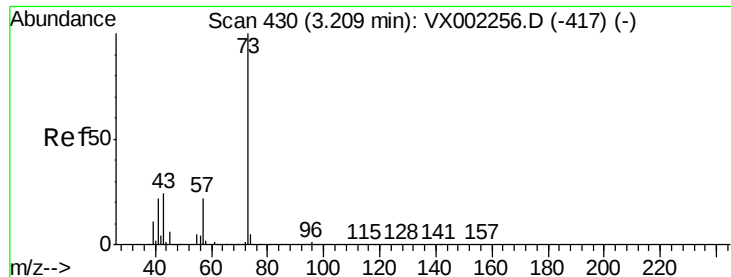
Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-343) (-)

Ion 74.00 (73.70 to 74.70): VX002256.D (-343) (-)

2.78

Time-->



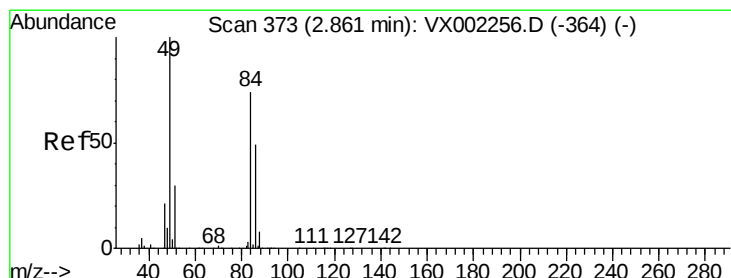
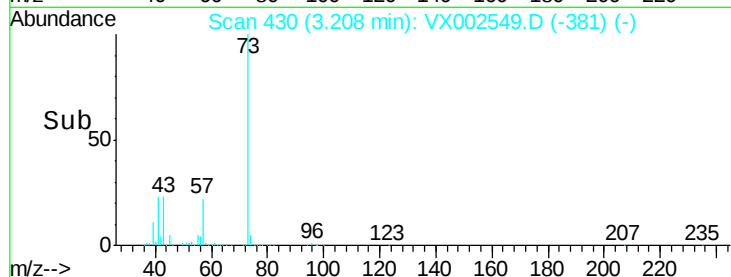
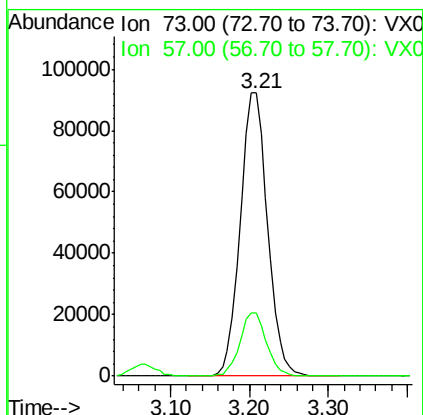
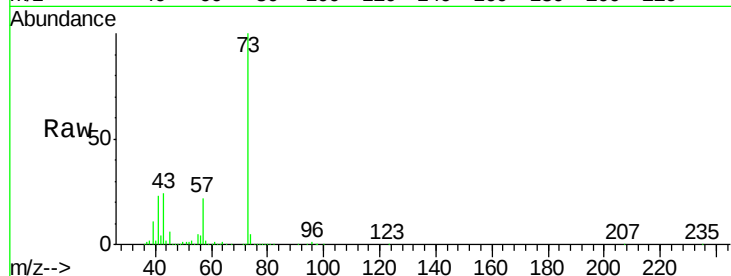


#19

Methyl tert-butyl Ether
 Concen: 20.25 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

Instrument :
 MSVOA_X
 ClientSampled :

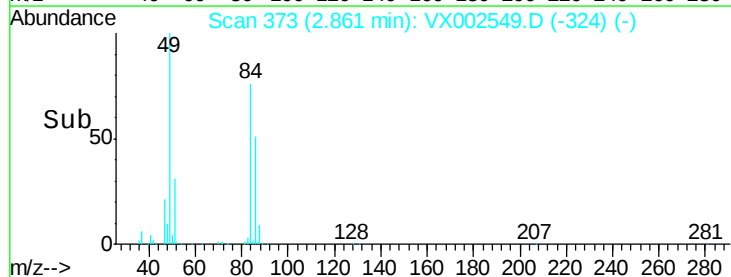
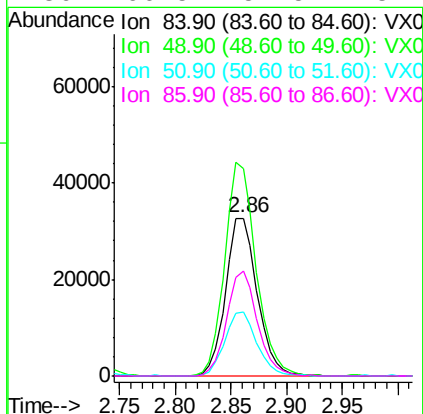
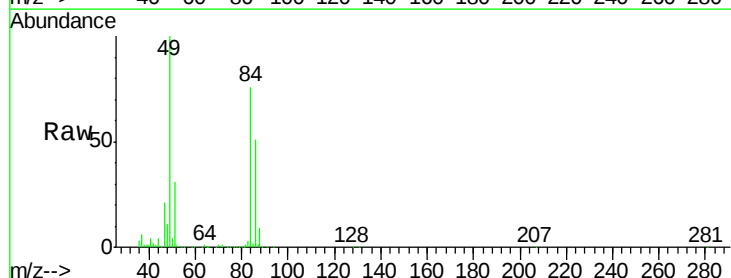
Tot Ion: 73 Resp: 222873
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.7 26.5

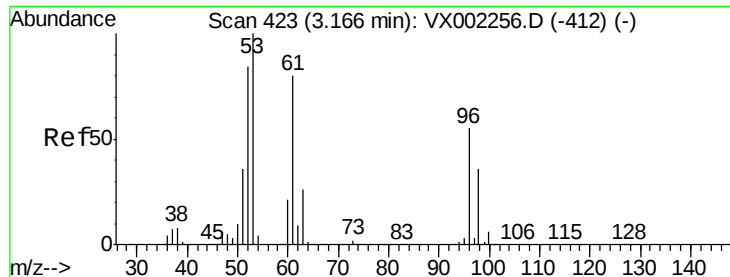


#20

Methylene Chloride
 Concen: 18.90 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

Tgt Ion: 84 Resp: 64673
 Ion Ratio Lower Upper
 84 100
 49 131.5 107.8 161.6
 51 40.1 32.8 49.2
 86 66.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.42 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :

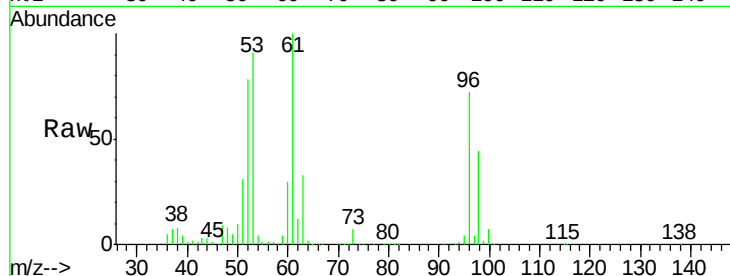
Tot Ion: 96 Resp: 59984

Ion Ratio Lower Upper

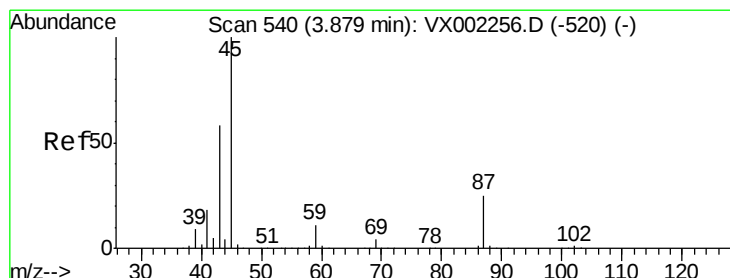
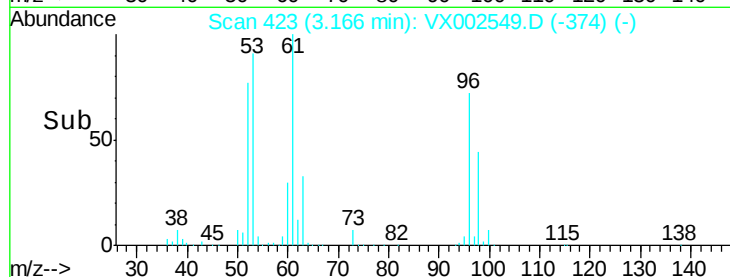
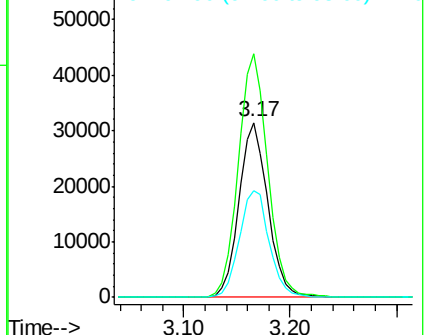
96 100

61 139.3 117.0 175.4

98 61.2 52.4 78.6



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



#22

Diisopropyl ether

Concen: 20.56 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Tgt Ion: 45 Resp: 229430

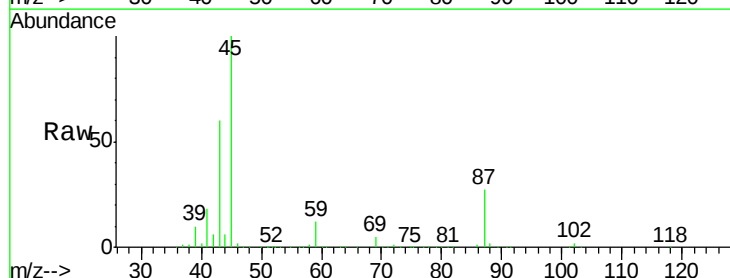
Ion Ratio Lower Upper

45 100

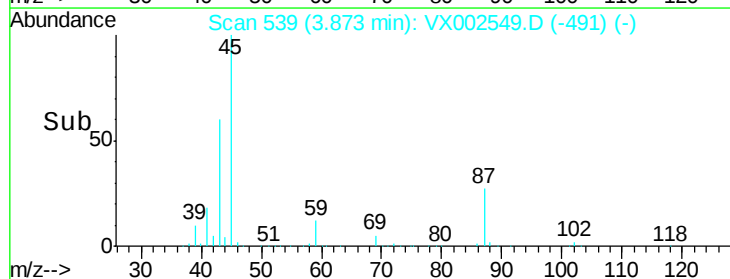
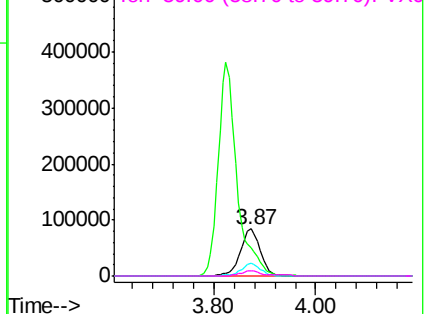
43 59.8 46.8 70.2

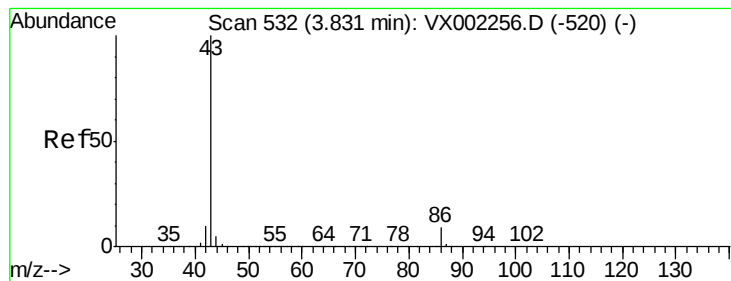
87 26.6 20.2 30.4

59 11.6 8.7 13.1



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





#23

Vinyl Acetate

Concen: 94.63 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

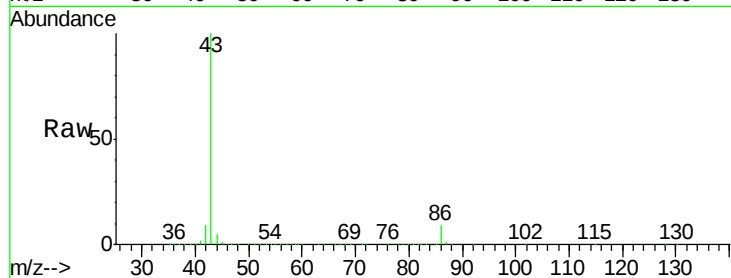
ClientSampleId :

Tot Ion: 43 Resp: 982886

Ion Ratio Lower Upper

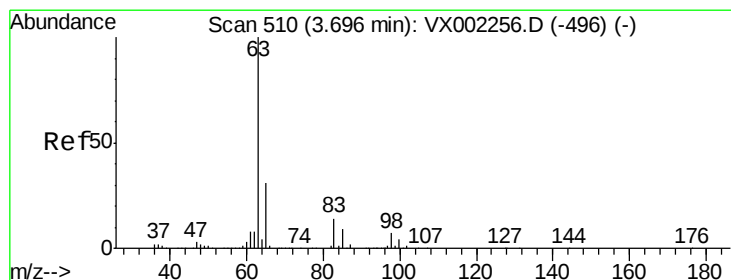
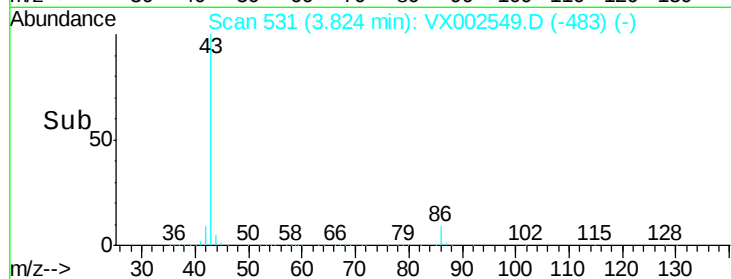
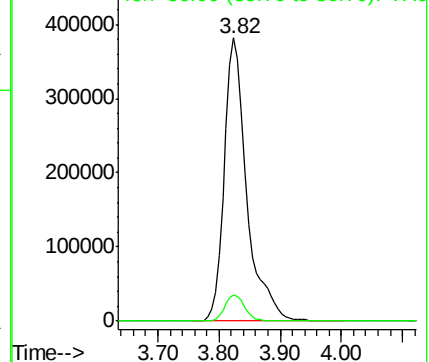
43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.13 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

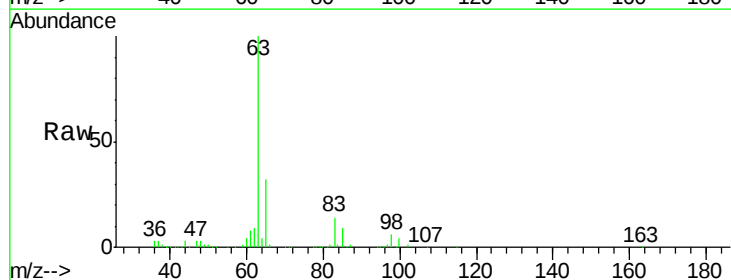
Tgt Ion: 63 Resp: 121125

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

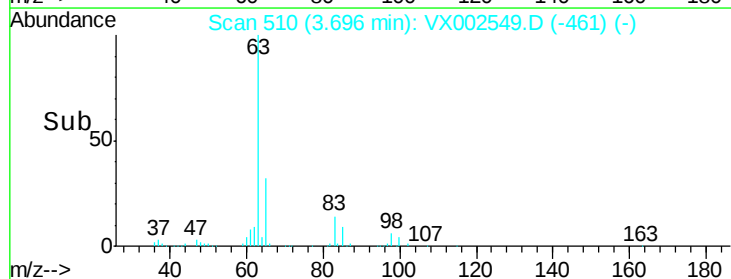
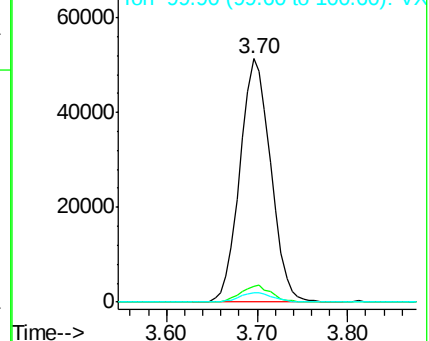
100 4.1 2.0 6.0

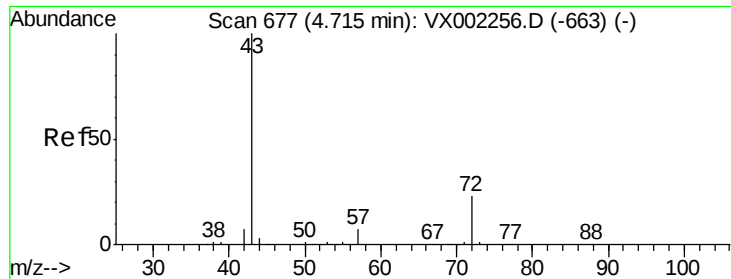


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 91.49 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

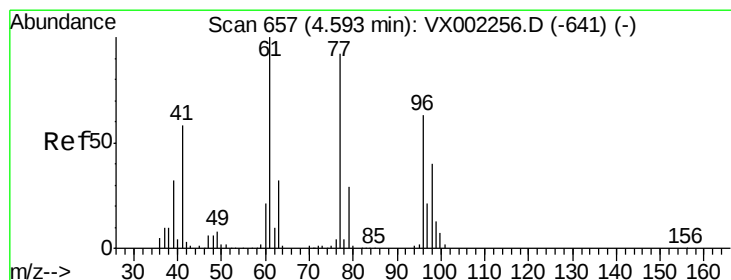
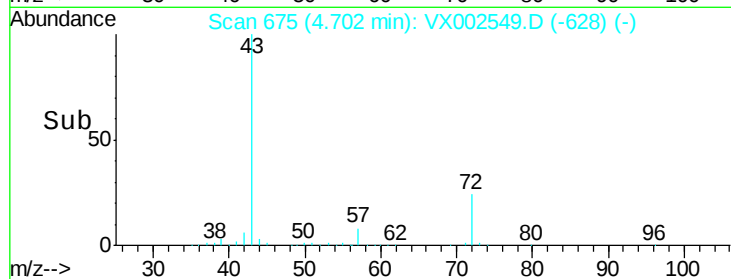
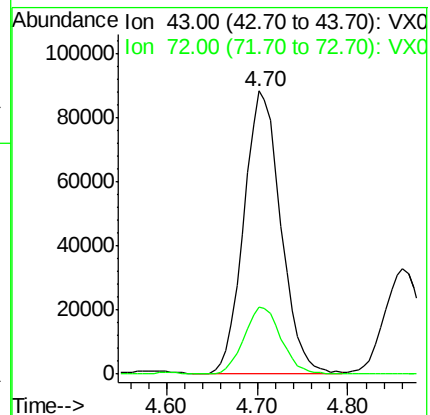
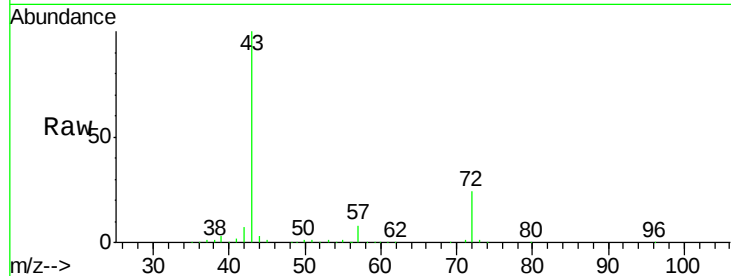
ClientSampled :

Tot Ion: 43 Resp: 248798

Ion Ratio Lower Upper

43 100

72 23.7 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.37 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002549.D

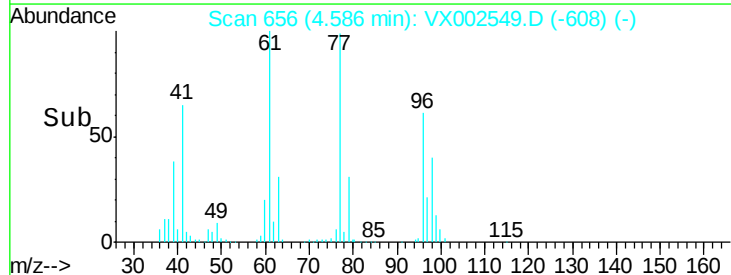
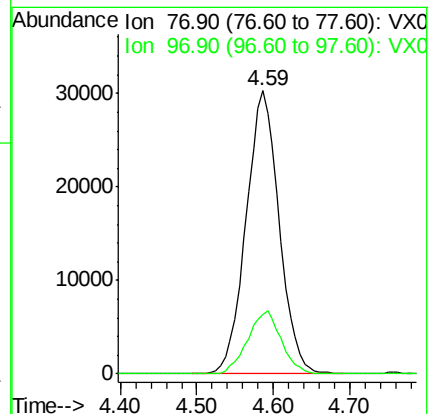
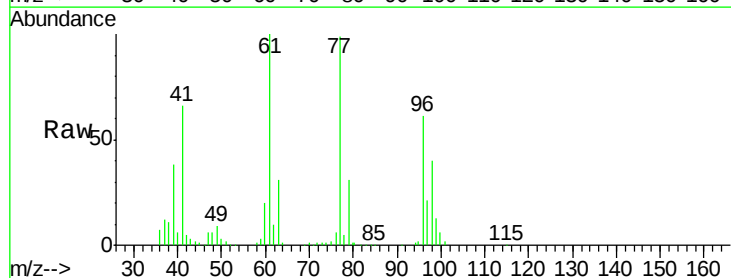
Acq: 14 Jun 2018 14:00

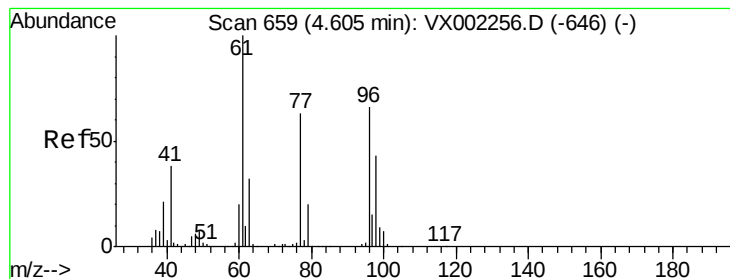
Tgt Ion: 77 Resp: 90930

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 18.61 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

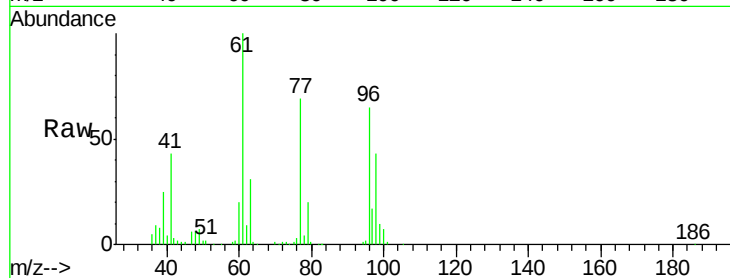
Tot Ion: 96 Resp: 65879

Ion Ratio Lower Upper

96 100

61 156.7 0.0 330.2

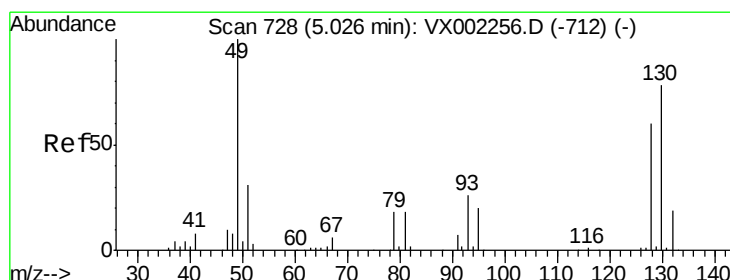
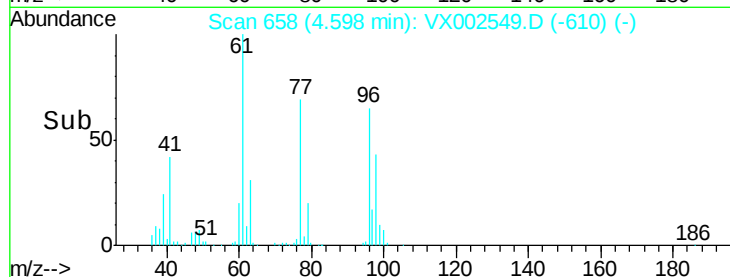
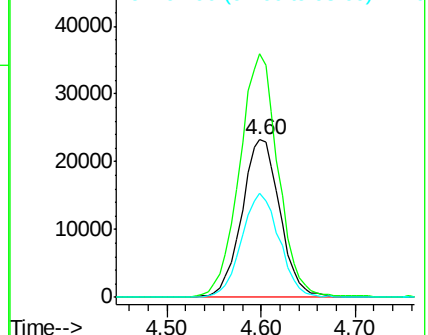
98 65.5 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 24.55 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

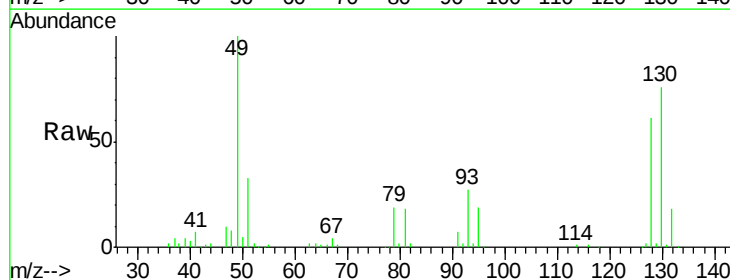
Tgt Ion: 49 Resp: 70995

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

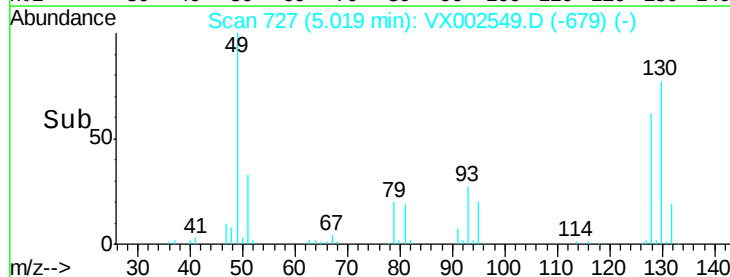
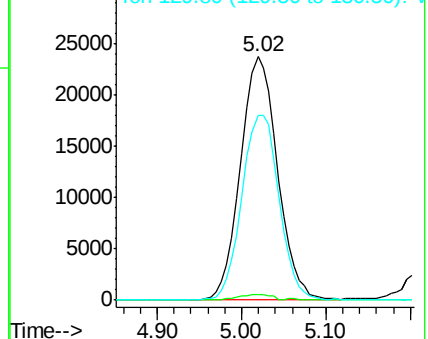
130 76.2 61.2 91.8

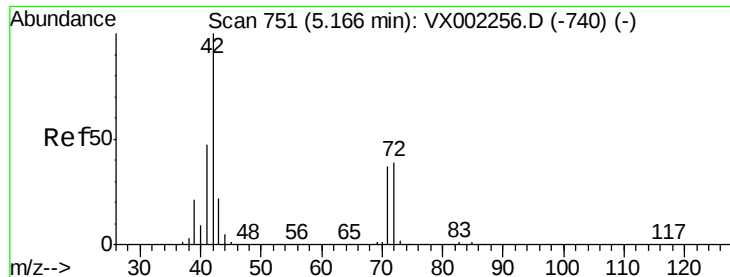


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

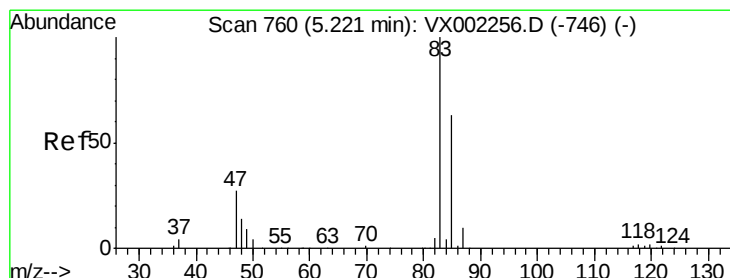
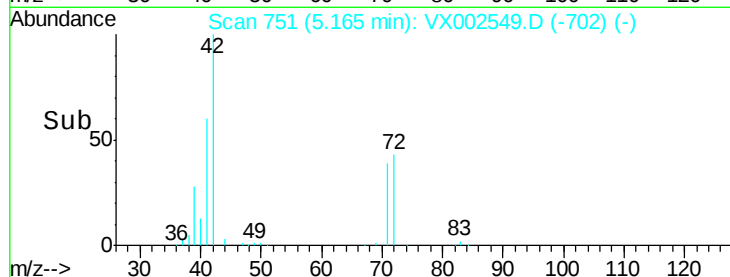
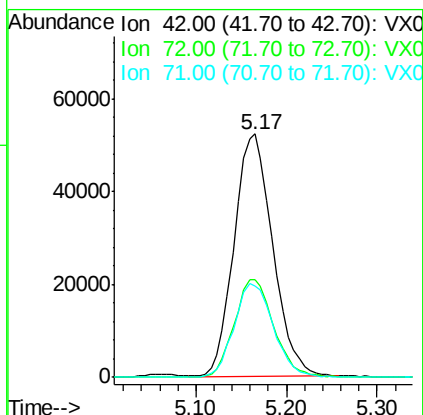
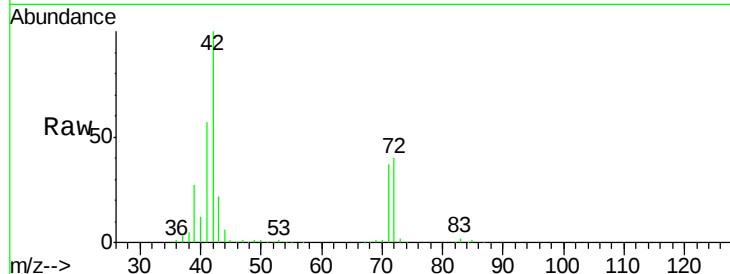




#29
Tetrahydrofuran
Concen: 88.56 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

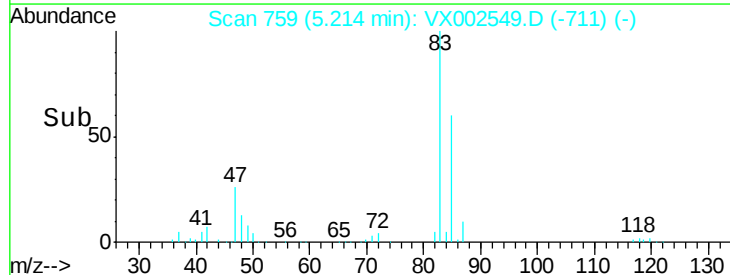
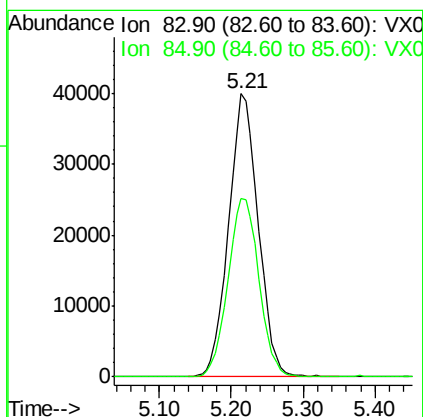
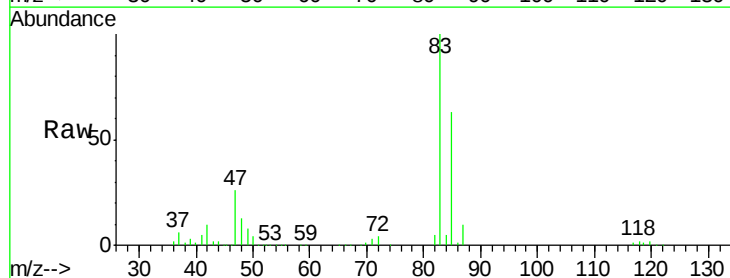
Instrument :
MSVOA_X
ClientSampled :

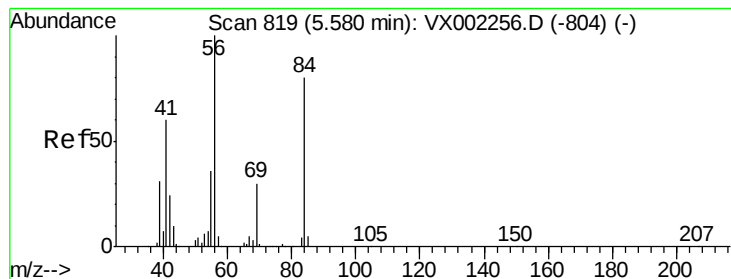
Tot Ion: 42 Resp: 155273
Ion Ratio Lower Upper
42 100
72 41.2 32.0 48.0
71 39.3 30.1 45.1



#30
Chloroform
Concen: 18.67 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion: 83 Resp: 114089
Ion Ratio Lower Upper
83 100
85 63.1 50.4 75.6





#31

Cyclohexane

Concen: 19.07 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

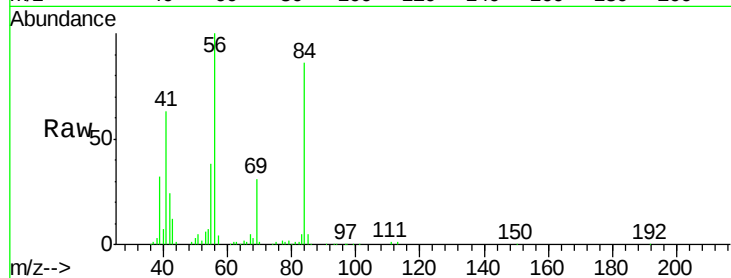
Tot Ion: 56 Resp: 95510

Ion Ratio Lower Upper

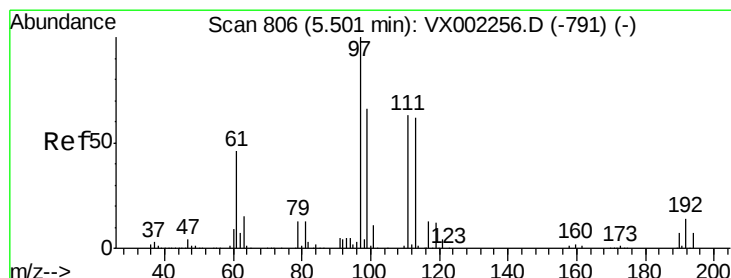
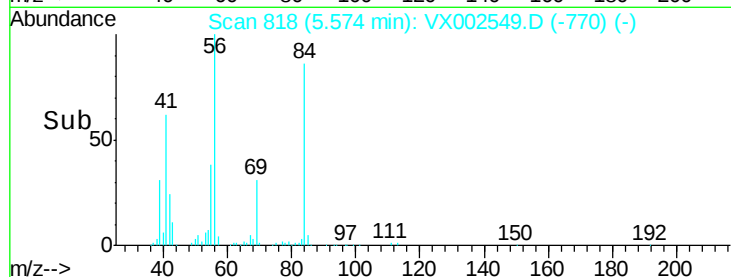
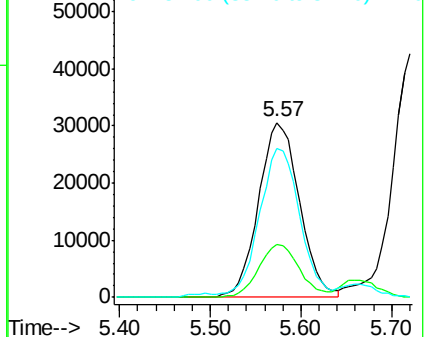
56 100

69 30.4 23.7 35.5

84 84.0 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 18.87 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

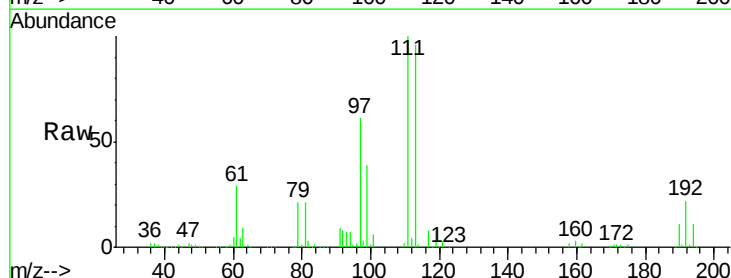
Tgt Ion: 97 Resp: 97769

Ion Ratio Lower Upper

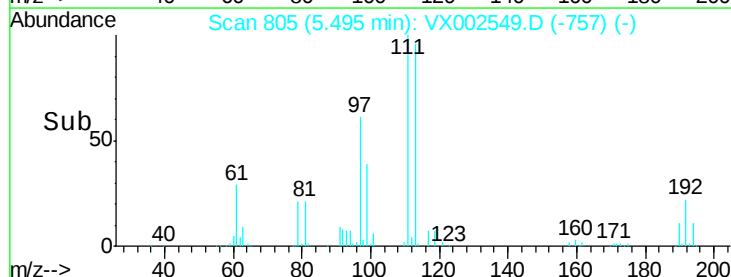
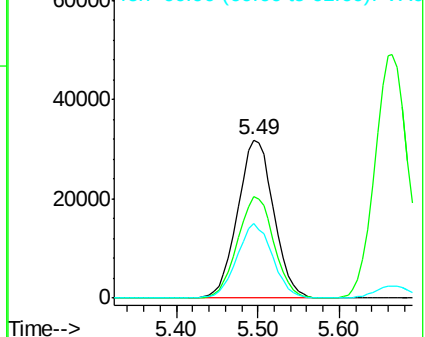
97 100

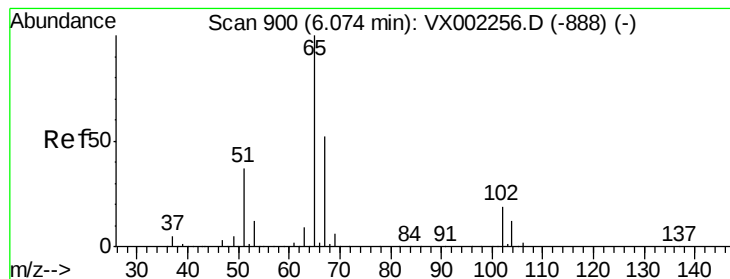
99 64.7 51.6 77.4

61 46.6 36.4 54.6



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





#33

1,2-Dichloroethane-d4

Concen: 52.62 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

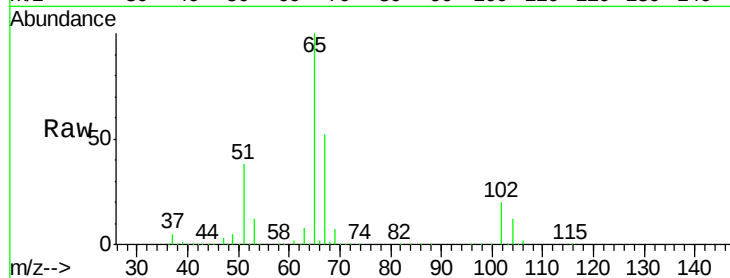
ClientSampleId :

Tot Ion: 65 Resp: 207959

Ion Ratio Lower Upper

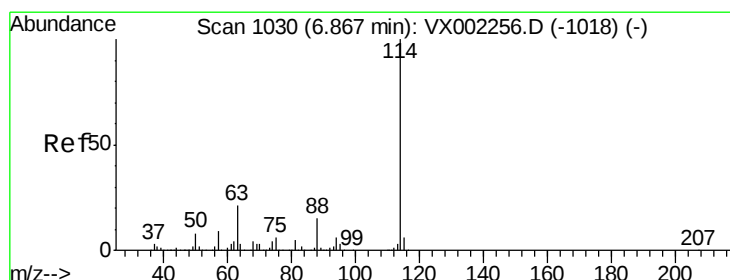
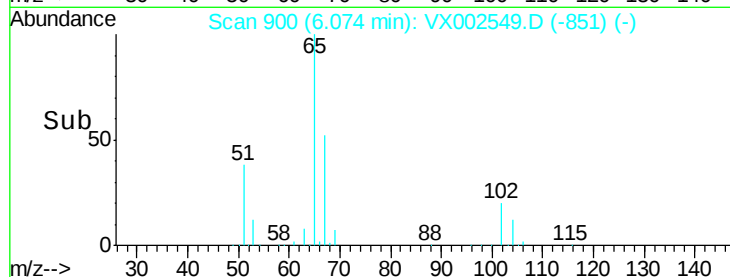
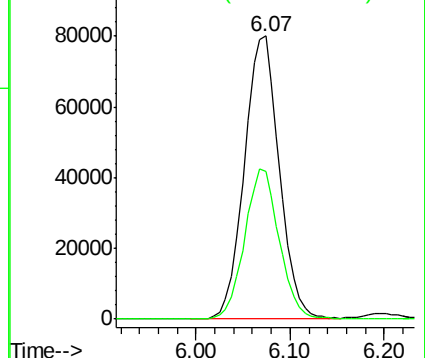
65 100

67 52.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

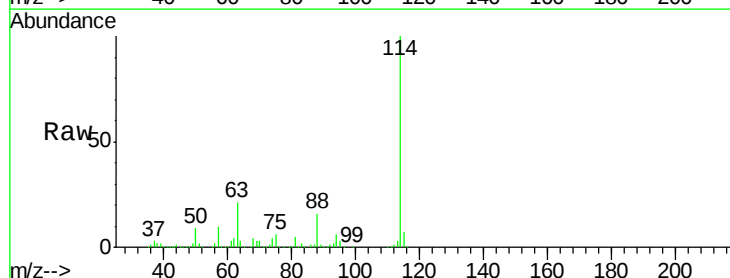
Tgt Ion: 114 Resp: 400662

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

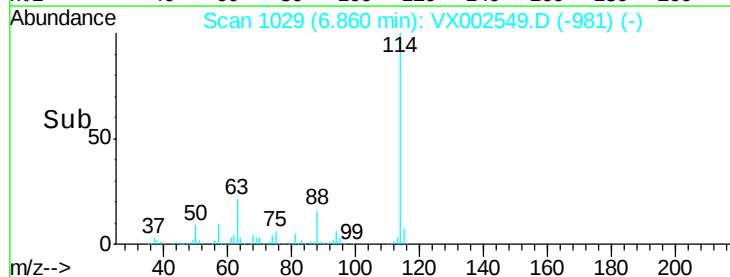
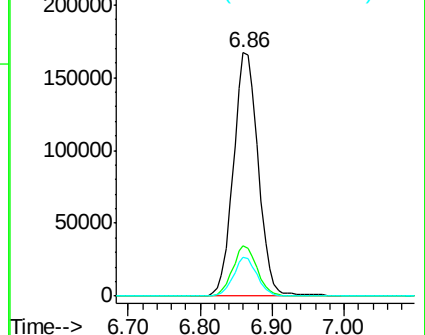
88 15.8 0.0 30.0

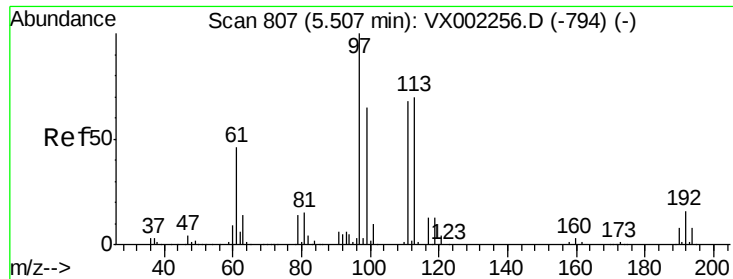


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.81 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

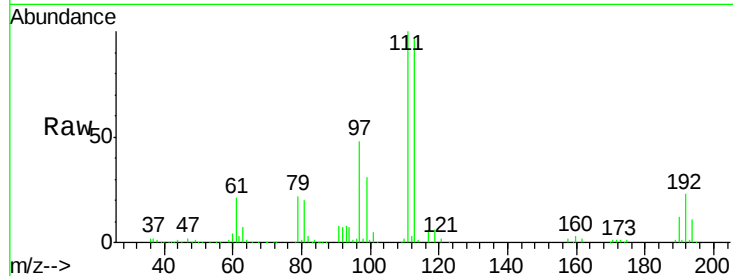
Tot Ion:113 Resp: 166411

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

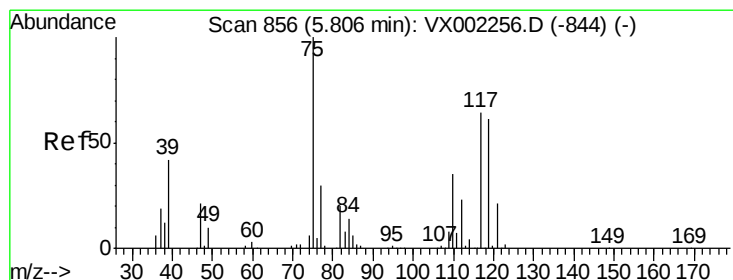
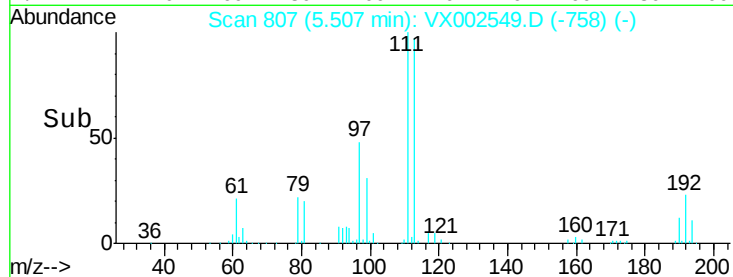
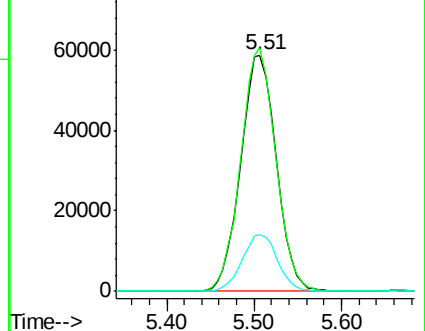
192 23.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.21 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

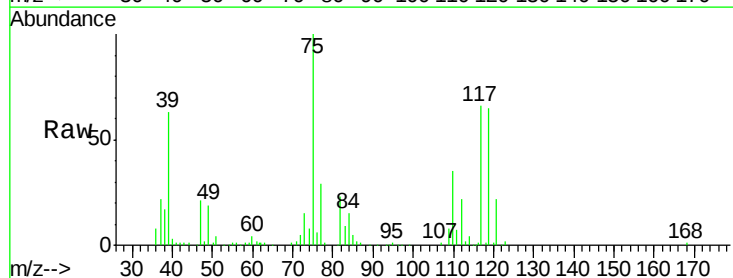
Tgt Ion: 75 Resp: 80914

Ion Ratio Lower Upper

75 100

110 36.9 18.1 54.4

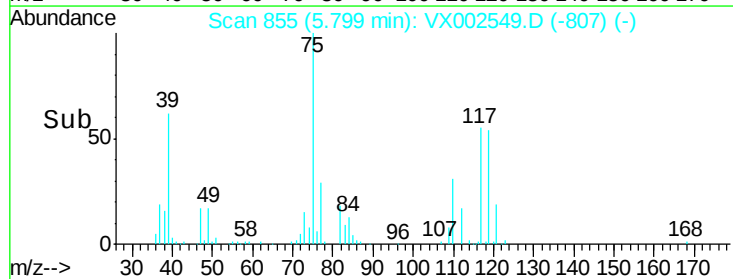
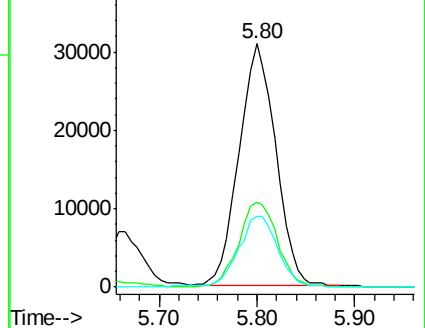
77 31.4 24.3 36.5

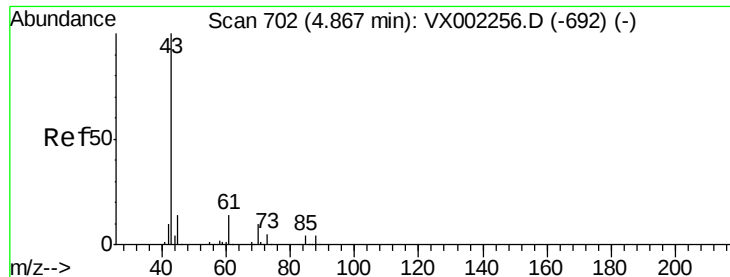


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

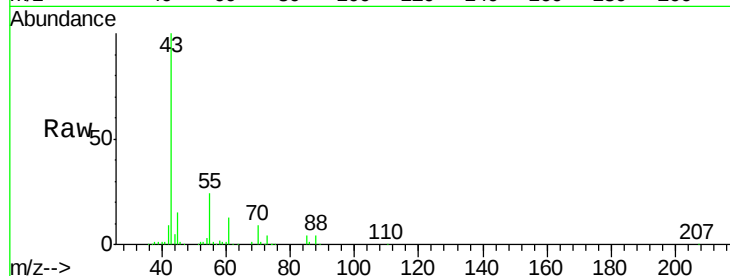




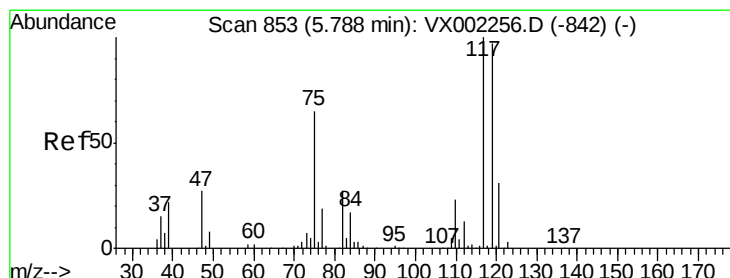
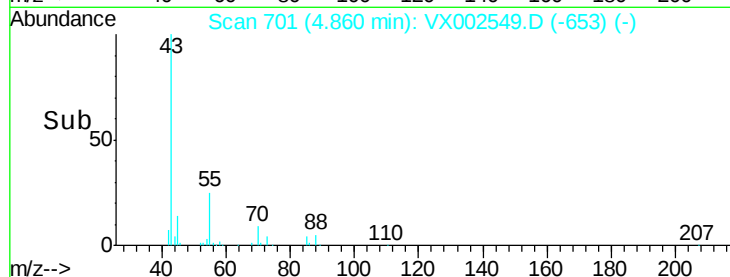
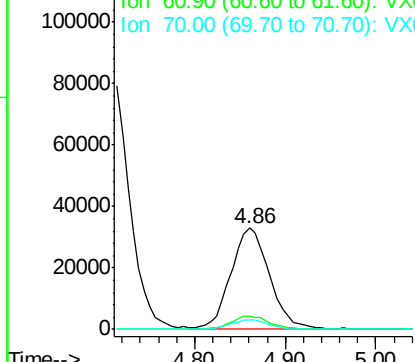
#37
Ethyl Acetate
Concen: 18.91 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Instrument :
MSVOA_X
ClientSampleID :

Tot Ion: 43 Resp: 95813
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 9.6 7.6 11.4

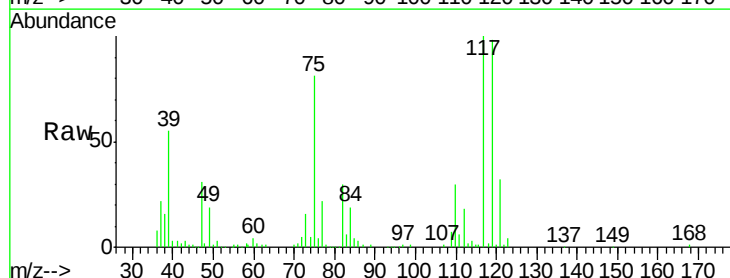


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

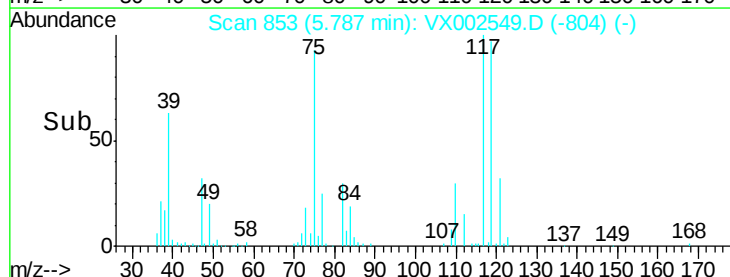
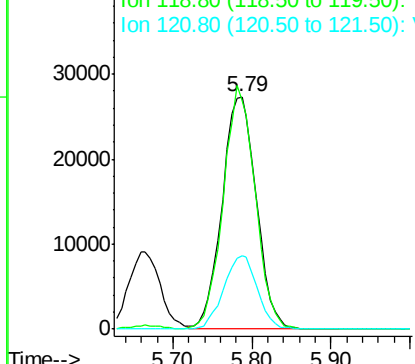


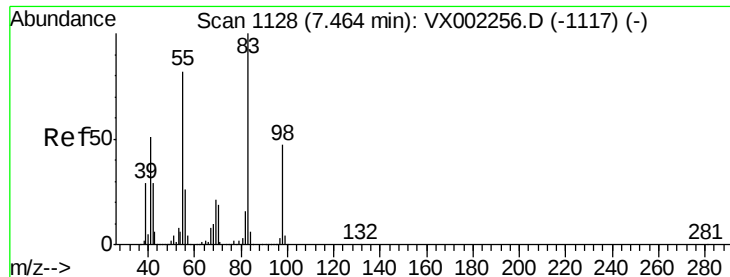
#38
Carbon Tetrachloride
Concen: 18.76 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion: 117 Resp: 82678
Ion Ratio Lower Upper
117 100
119 98.1 77.4 116.0
121 31.7 24.4 36.6



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

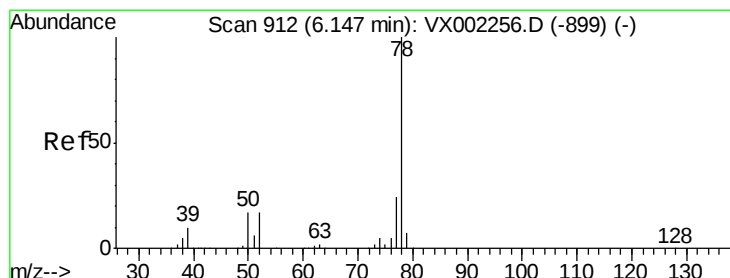
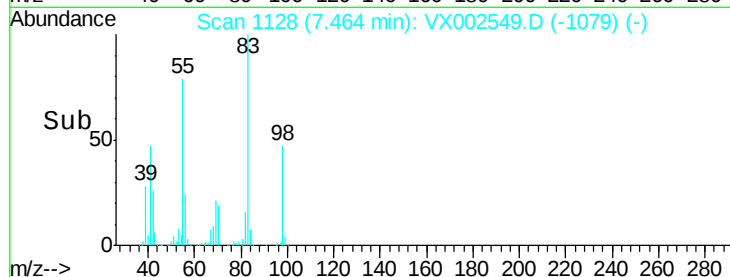
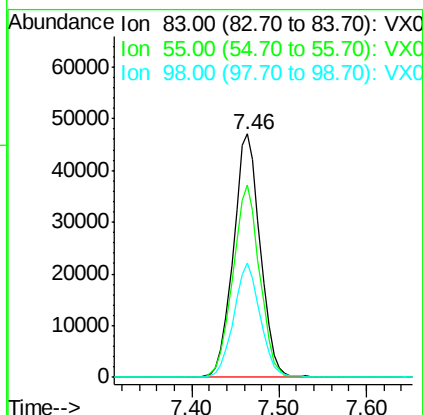
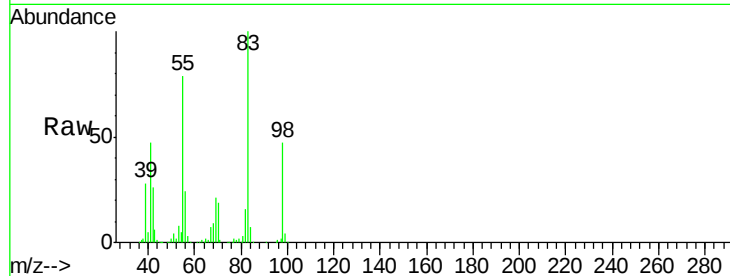




#39
Methvlcvclohexane
Concen: 19.50 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

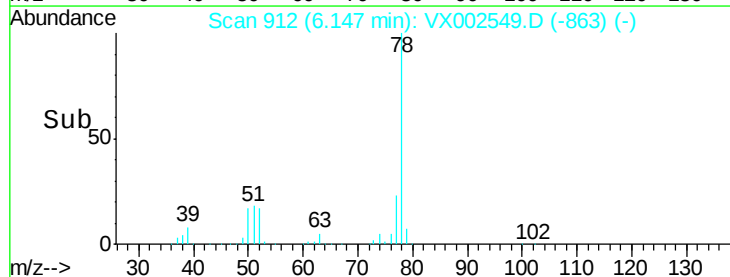
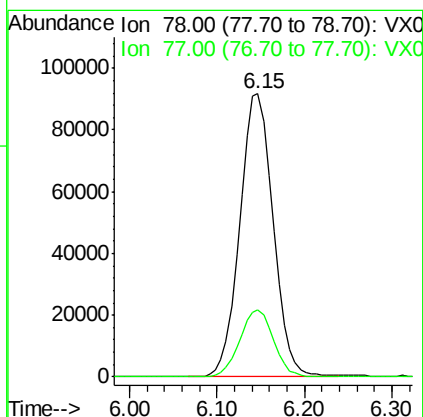
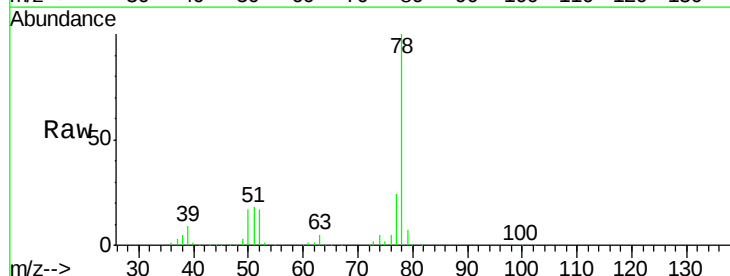
Instrument :
MSVOA_X
ClientSampled :

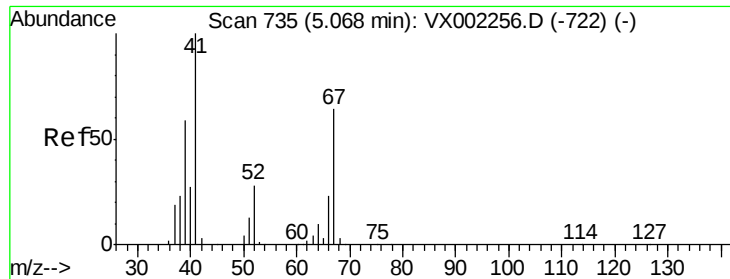
Tot Ion: 83 Resp: 100624
Ion Ratio Lower Upper
83 100
55 78.9 65.4 98.0
98 46.8 37.4 56.0



#40
Benzene
Concen: 18.86 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion: 78 Resp: 243522
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

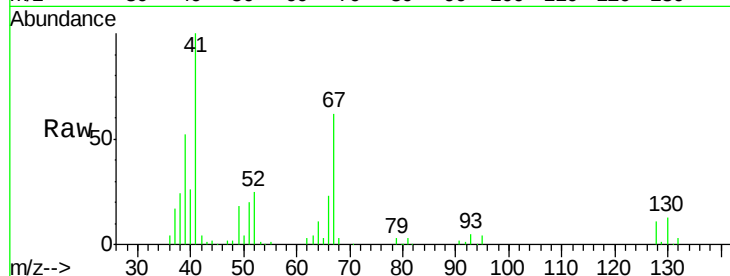




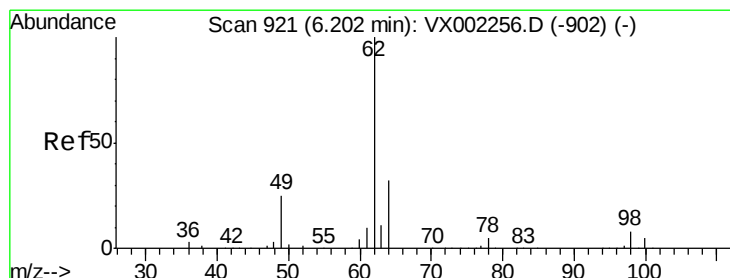
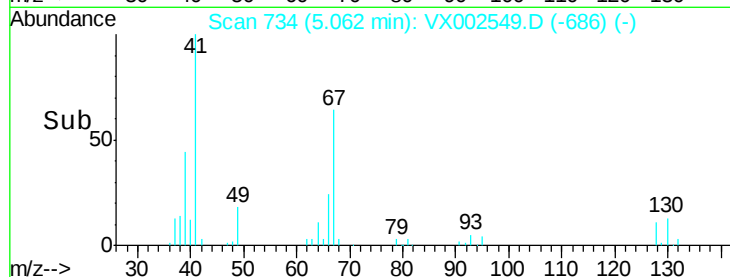
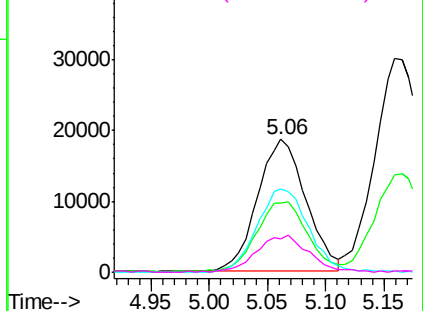
#41
Methacrylonitrile
Concen: 18.63 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	54026
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.8	68.6
67	66.4	51.3	76.9
52	30.3	23.0	34.6

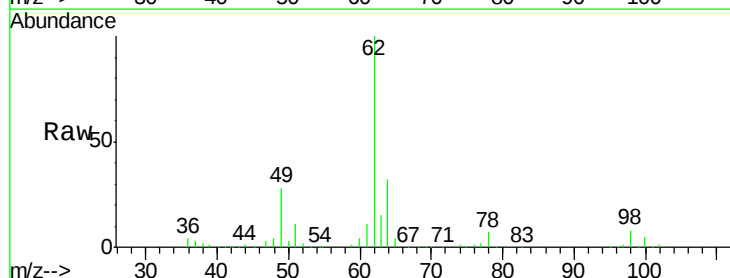


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

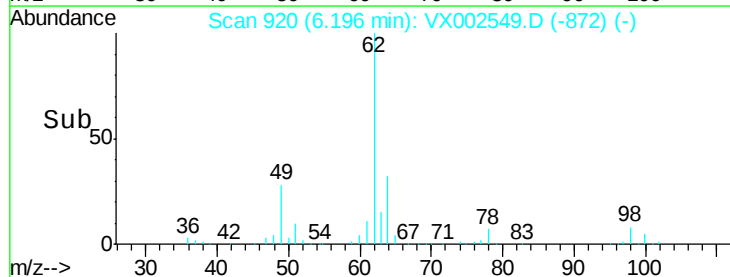
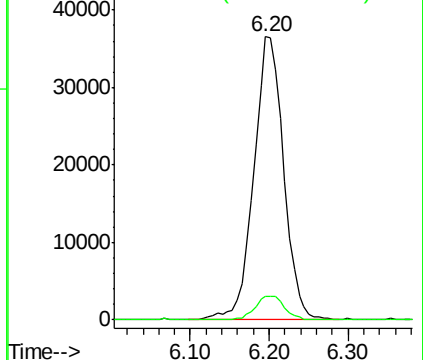


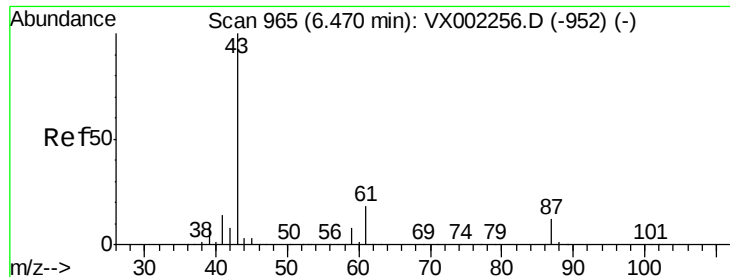
#42
1,2-Dichloroethane
Concen: 18.65 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion:	62	Resp:	95677
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



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



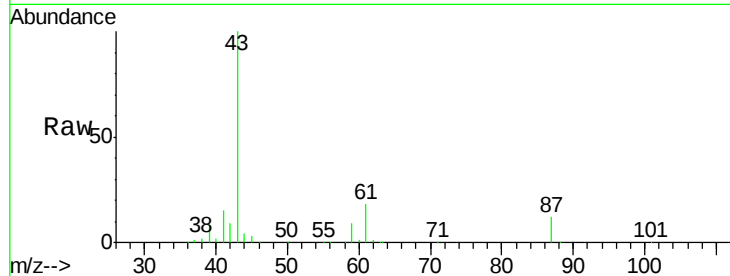


#43

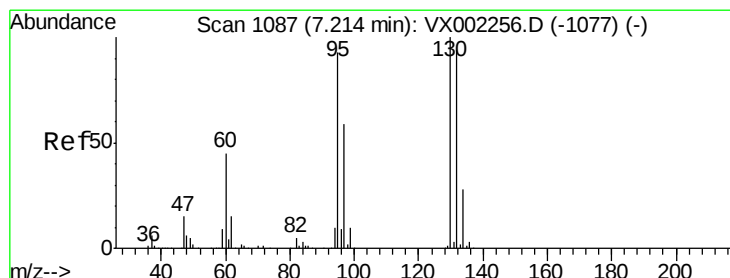
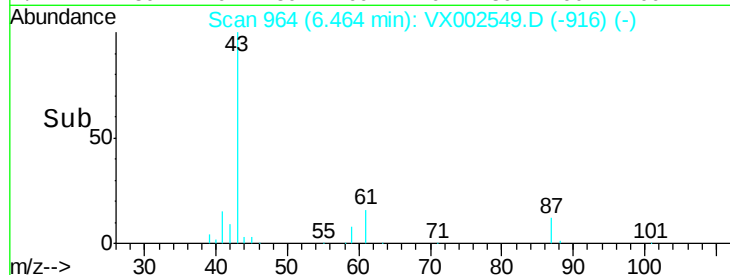
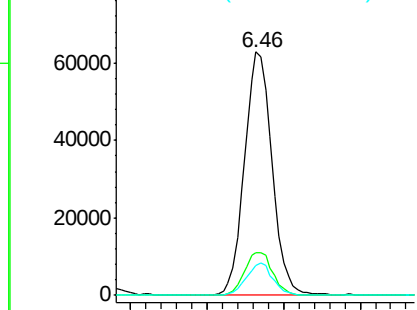
Isopropyl Acetate
 Concen: 18.26 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 157100
 Ion Ratio Lower Upper
 43 100
 61 18.3 14.4 21.6
 87 12.8 9.5 14.3



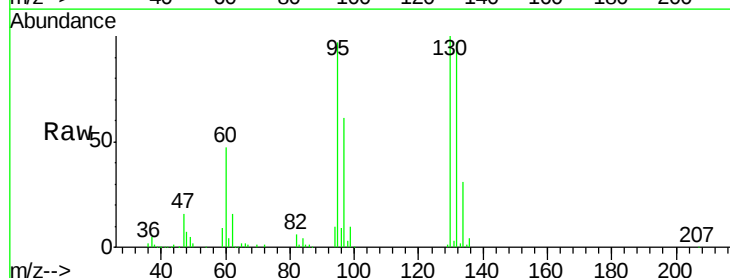
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



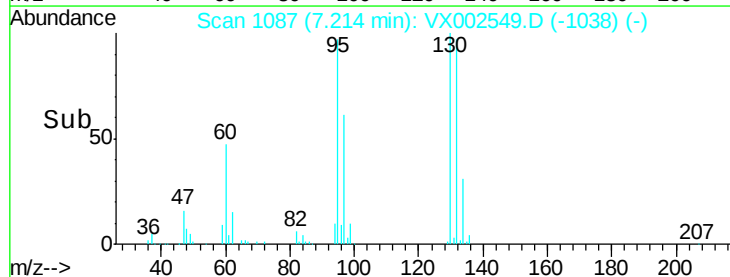
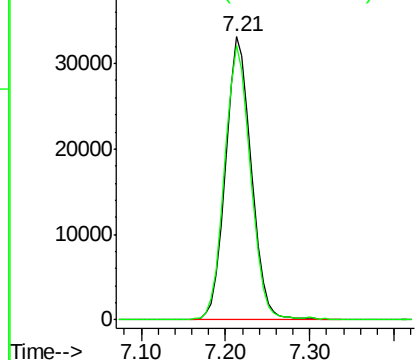
#44

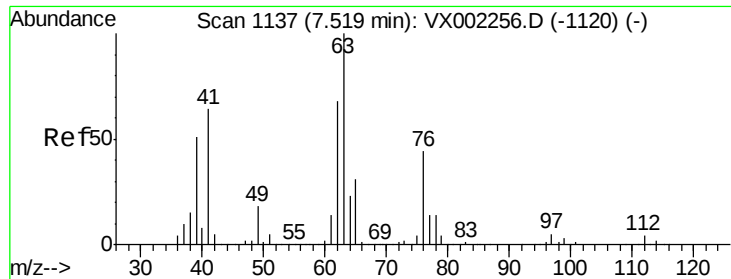
Trichloroethene
 Concen: 19.39 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

Tgt Ion:130 Resp: 69487
 Ion Ratio Lower Upper
 130 100
 95 97.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.94 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

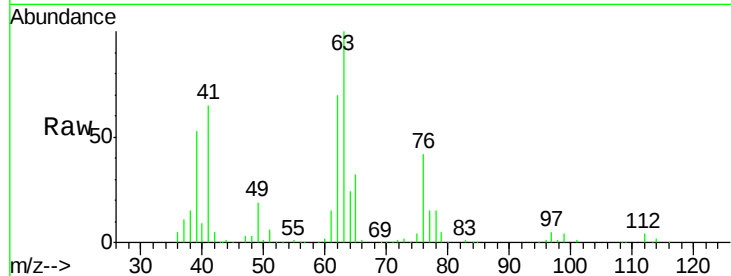
ClientSampleId :

Tot Ion: 63 Resp: 66033

Ion Ratio Lower Upper

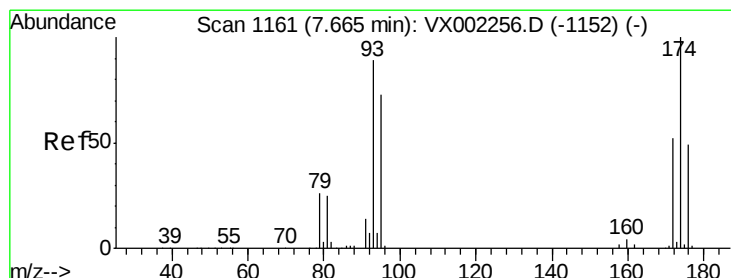
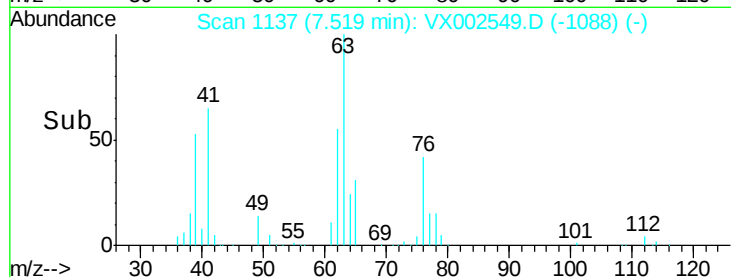
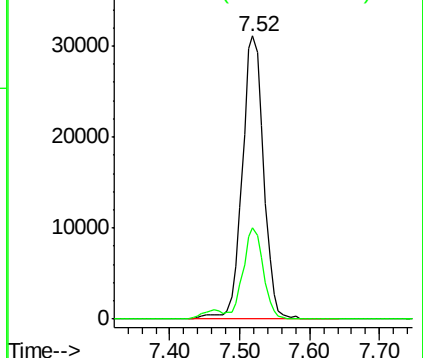
63 100

65 32.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.62 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

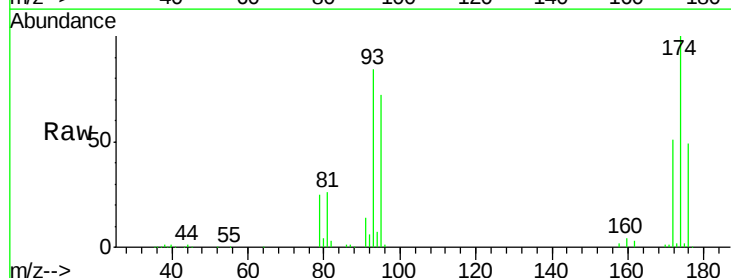
Tgt Ion: 93 Resp: 44017

Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

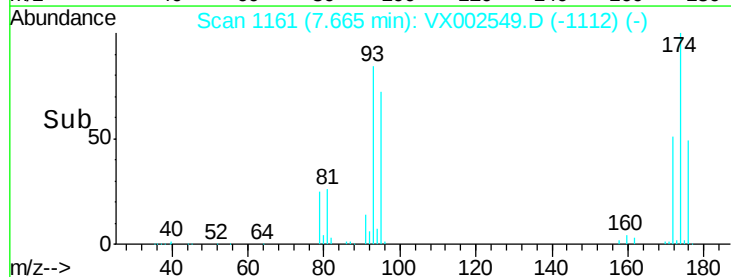
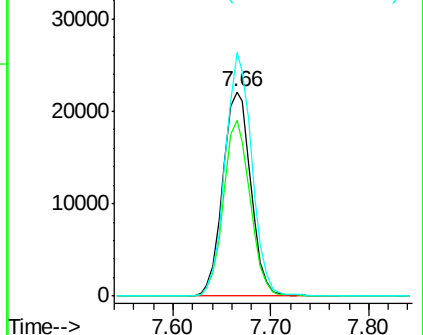
174 113.1 92.4 138.6

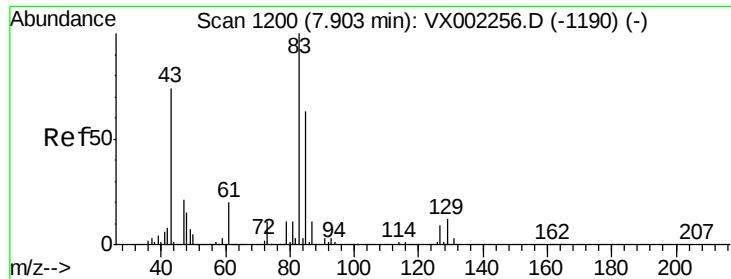


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.18 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampled :

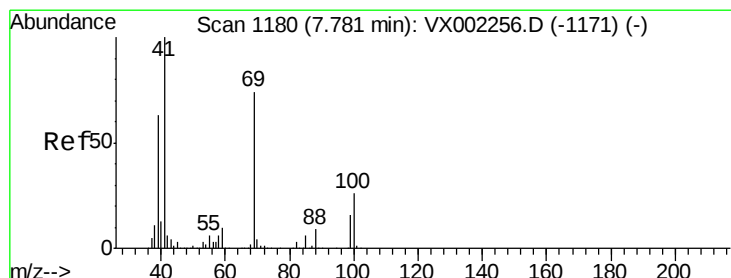
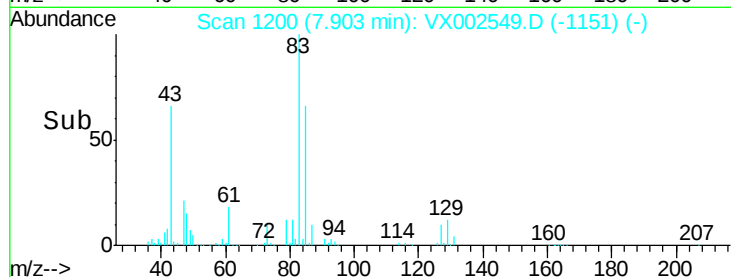
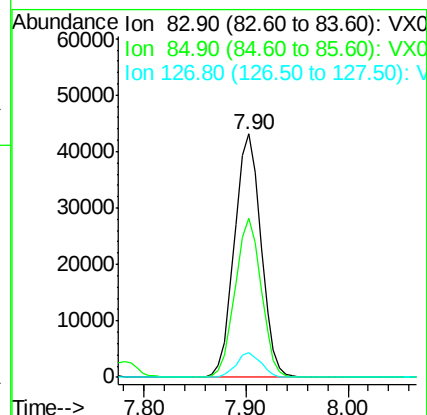
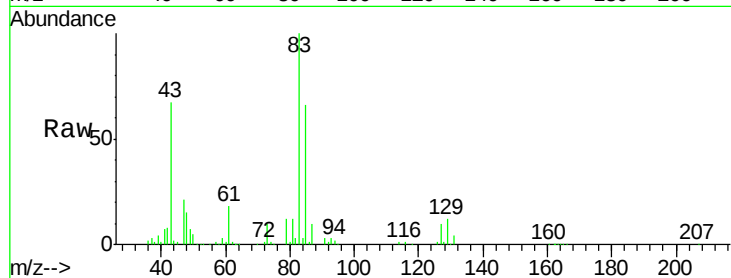
Tot Ion: 83 Resp: 77702

Ion Ratio Lower Upper

83 100

85 65.6 50.3 75.5

127 10.1 7.0 10.4



#48

Methyl methacrylate

Concen: 18.58 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

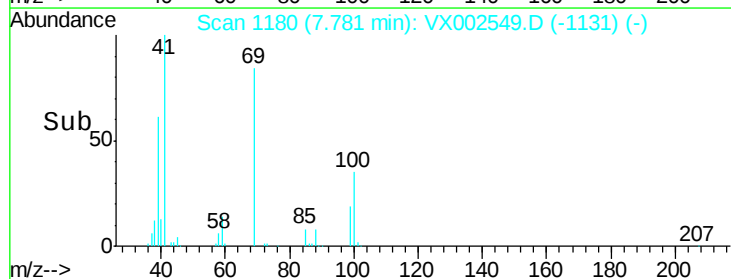
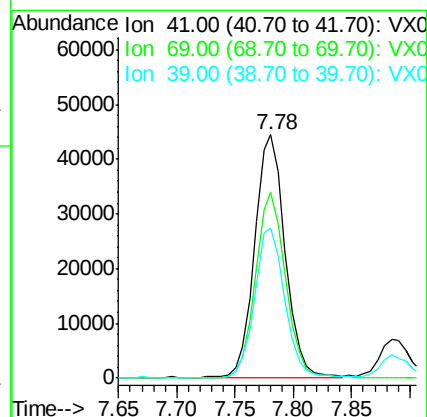
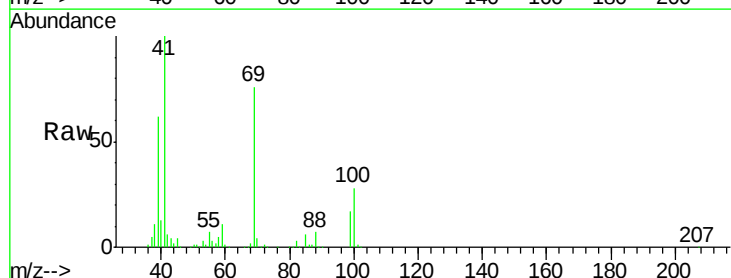
Tgt Ion: 41 Resp: 80289

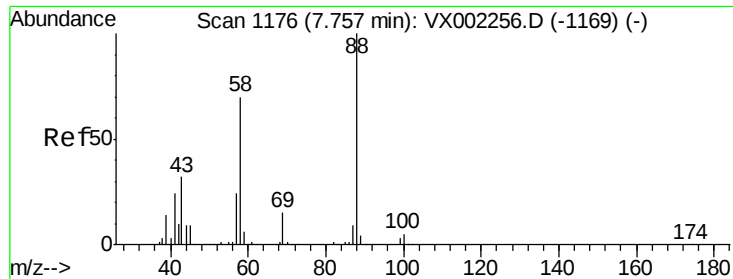
Ion Ratio Lower Upper

41 100

69 76.0 59.1 88.7

39 61.2 48.9 73.3





#49

1,4-Dioxane

Concen: 394.85 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

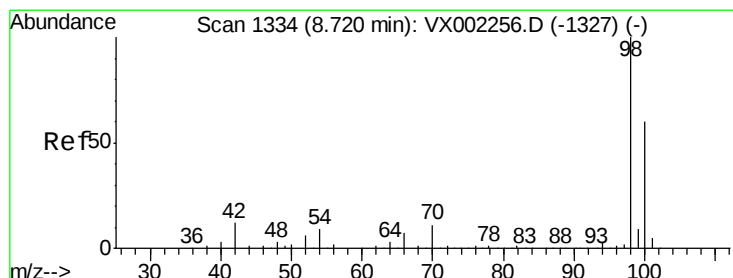
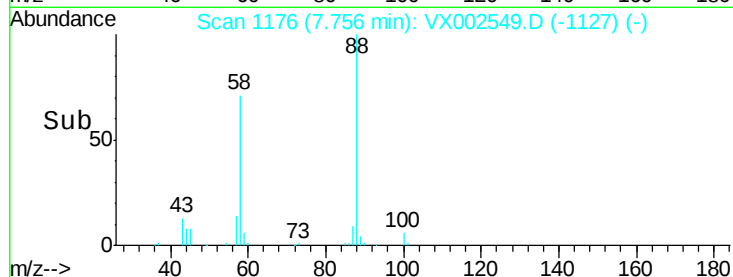
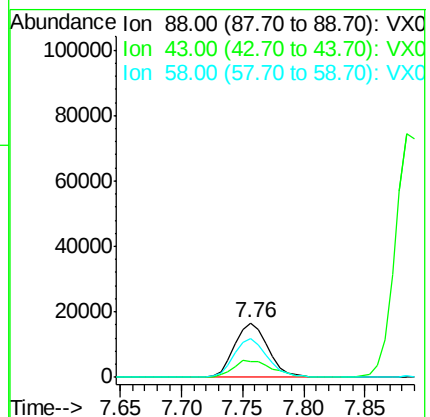
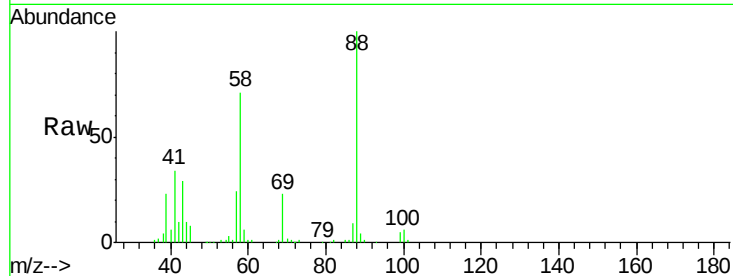
Tot Ion: 88 Resp: 31907

Ion Ratio Lower Upper

88 100

43 35.7 29.8 44.6

58 69.4 57.1 85.7



#50

Toluene-d8

Concen: 53.45 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002549.D

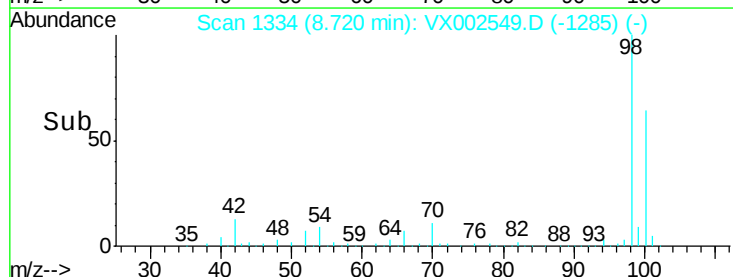
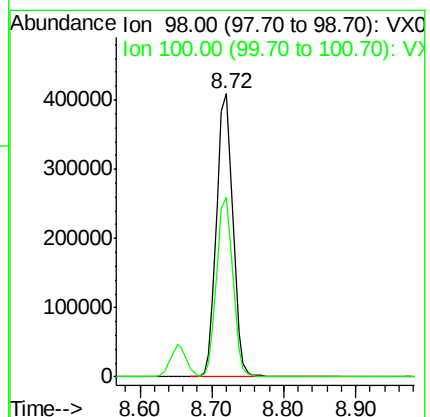
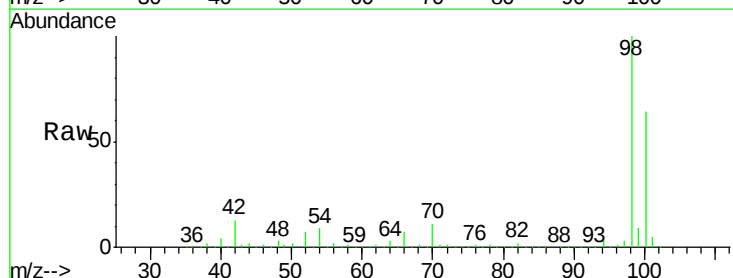
Acq: 14 Jun 2018 14:00

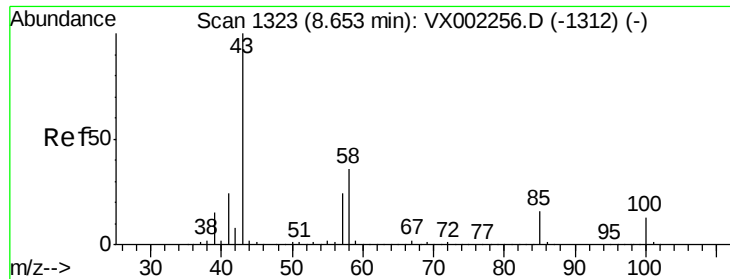
Tgt Ion: 98 Resp: 645524

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 94.74 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

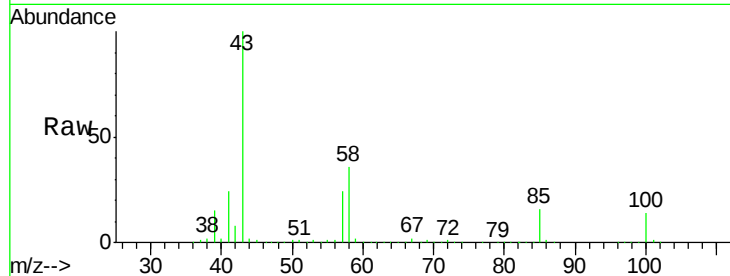
ClientSampleId :

Tot Ion: 43 Resp: 507604

Ion Ratio Lower Upper

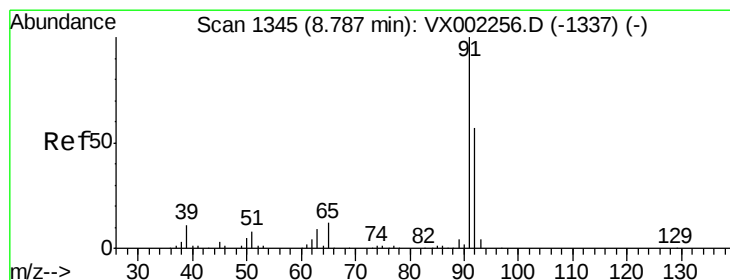
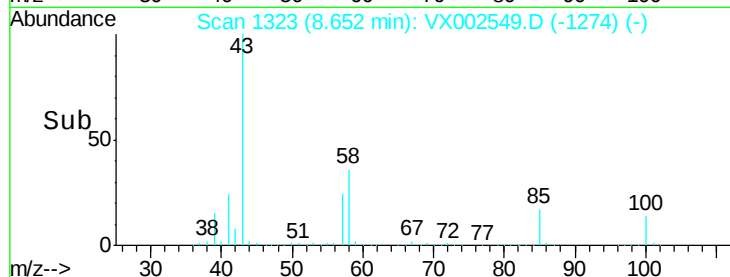
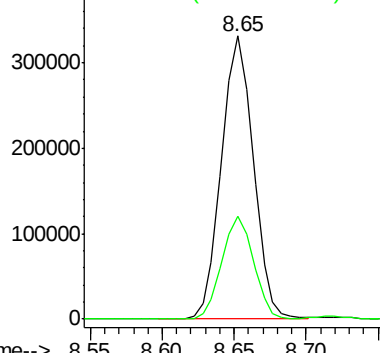
43 100

58 36.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.12 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002549.D

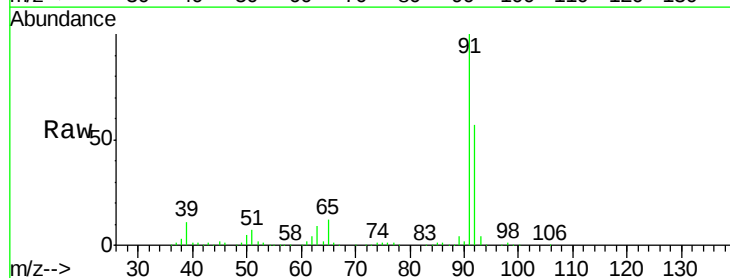
Acq: 14 Jun 2018 14:00

Tgt Ion: 92 Resp: 157056

Ion Ratio Lower Upper

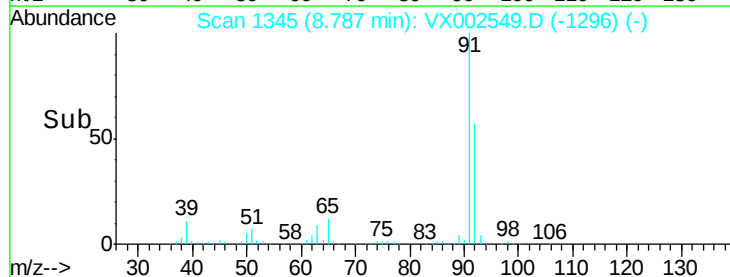
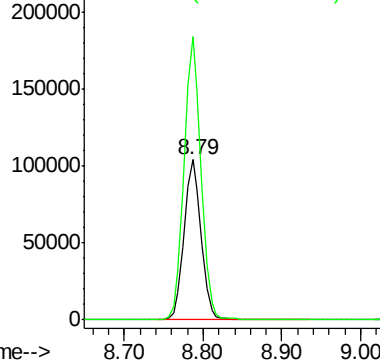
92 100

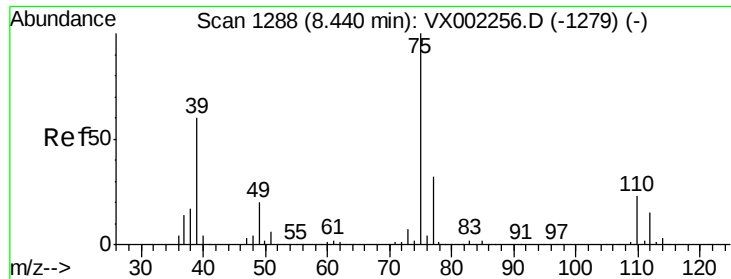
91 175.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

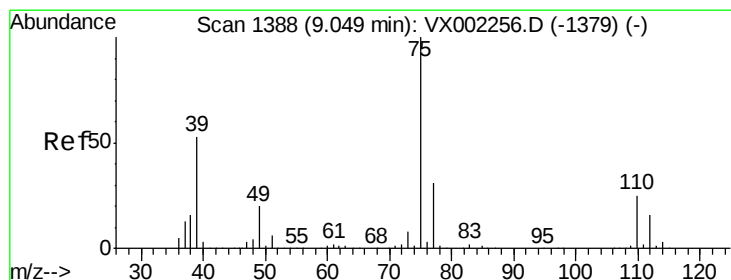
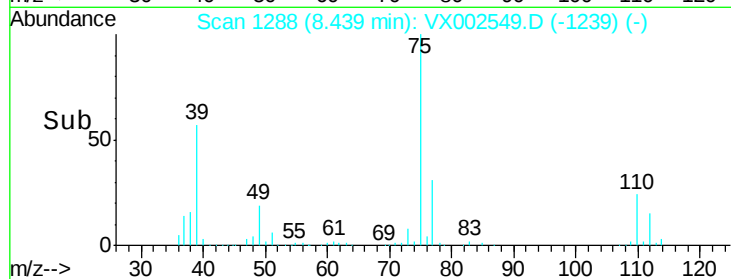
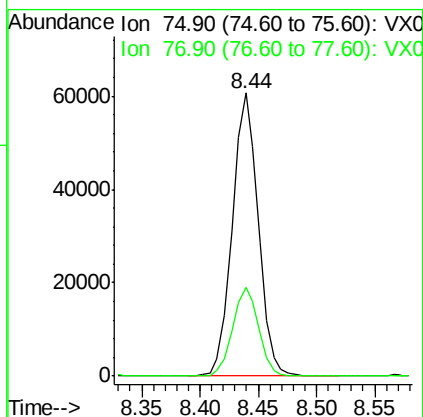
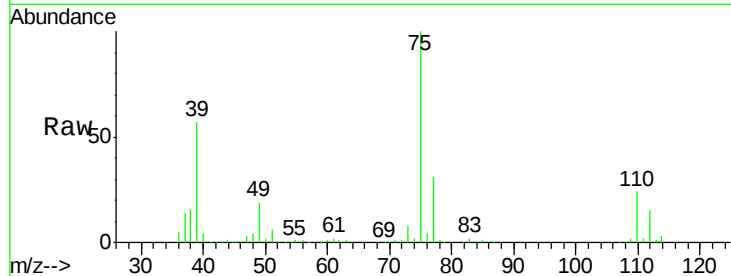




#53
t-1,3-Dichloropropene
Concen: 18.35 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

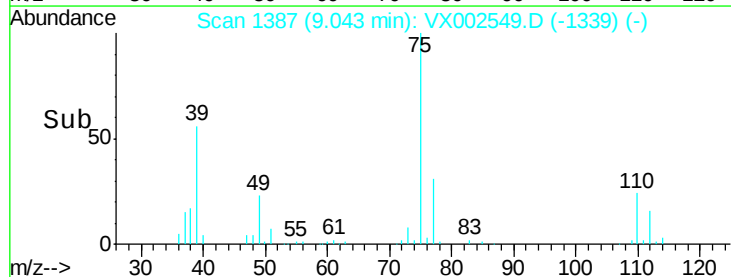
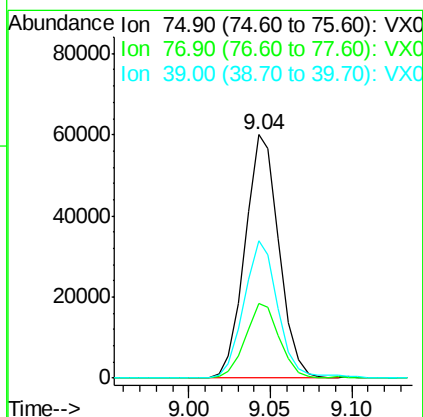
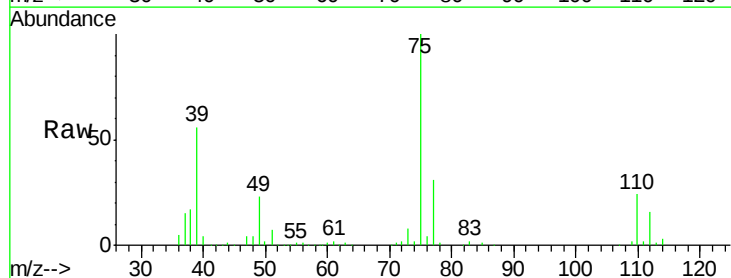
Instrument :
MSVOA_X
ClientSampleId :

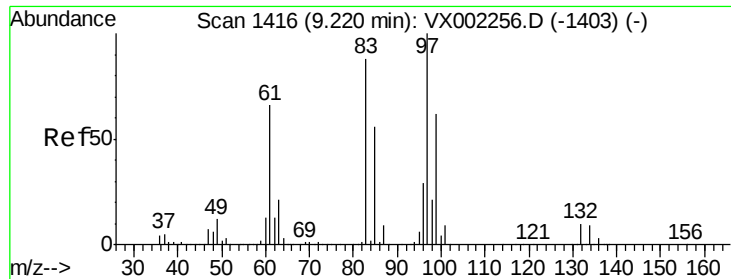
Tot Ion: 75 Resp: 94052
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 17.93 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion: 75 Resp: 86700
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2
39 56.0 42.4 63.6

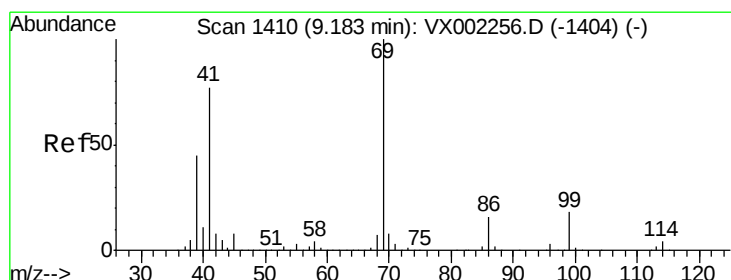
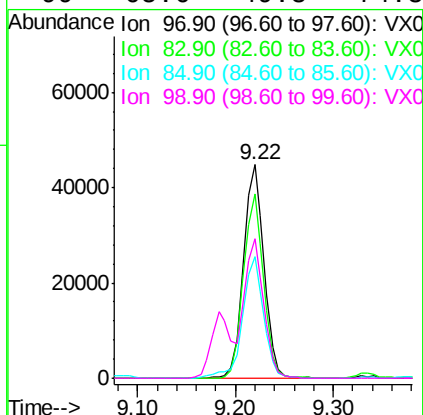
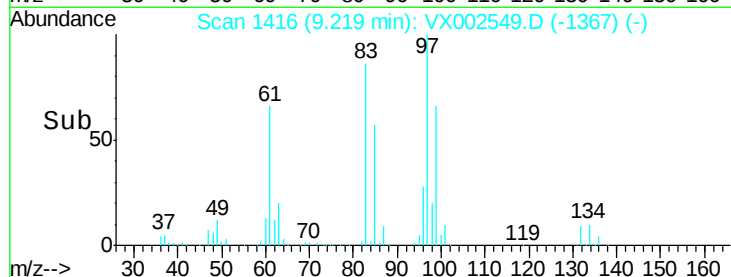
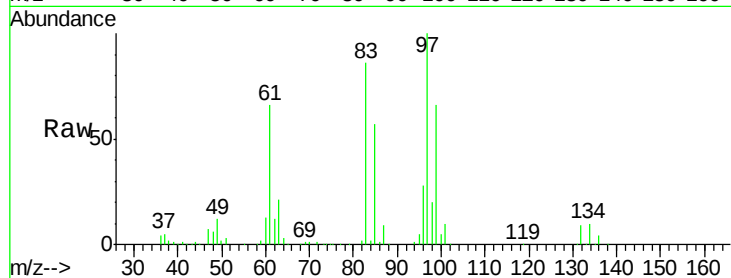




#55
 1,1,2-Trichloroethane
 Concen: 19.32 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

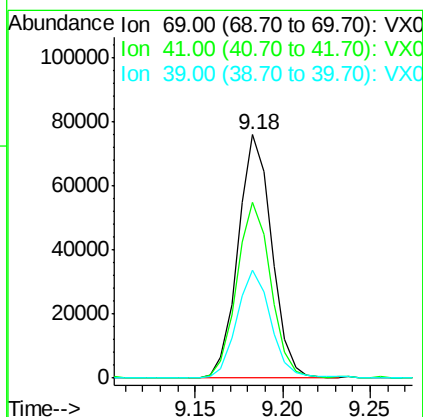
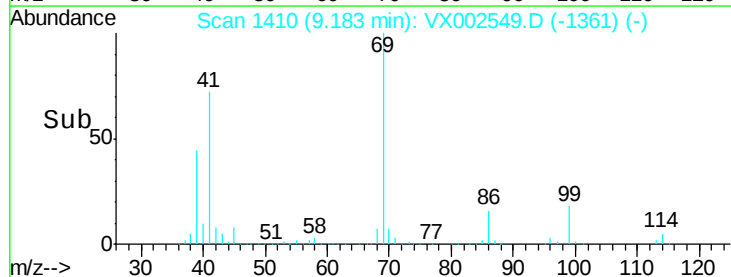
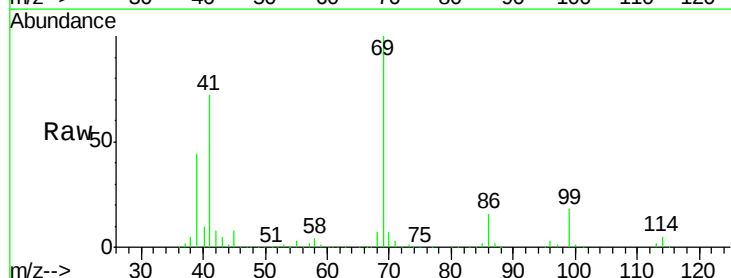
Instrument :
 MSVOA_X
 ClientSampleId :

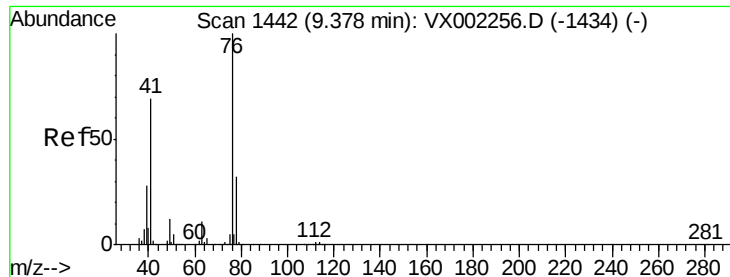
Tot Ion:	97	Resp:	65284
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.2	105.2
85	56.9	44.9	67.3
99	65.6	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 18.83 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

Tgt Ion:	69	Resp:	101581
Ion	Ratio	Lower	Upper
69	100		
41	73.0	60.3	90.5
39	44.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.13 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

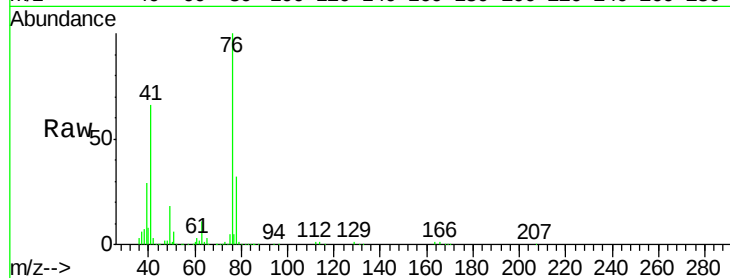
ClientSampleId :

Tot Ion: 76 Resp: 108409

Ion Ratio Lower Upper

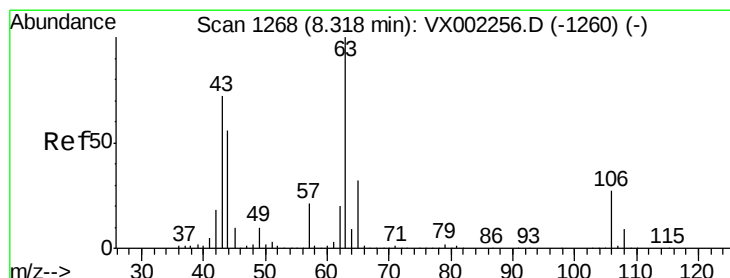
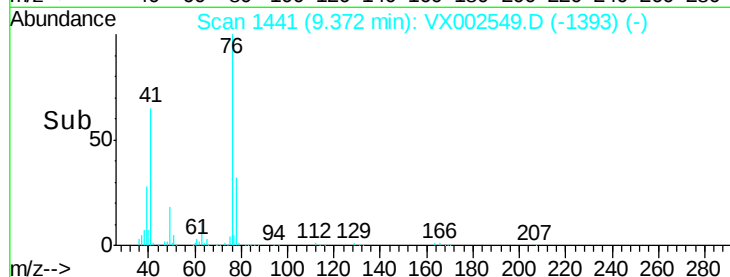
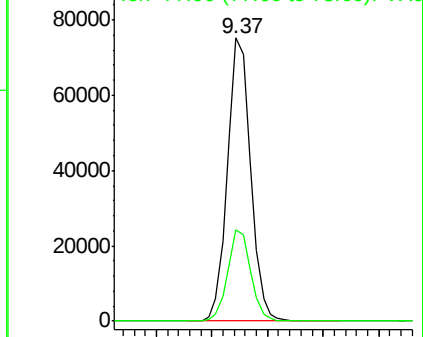
76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 85.28 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002549.D

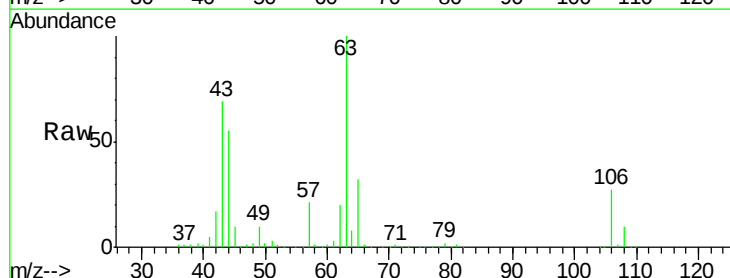
Acq: 14 Jun 2018 14:00

Tgt Ion: 63 Resp: 212888

Ion Ratio Lower Upper

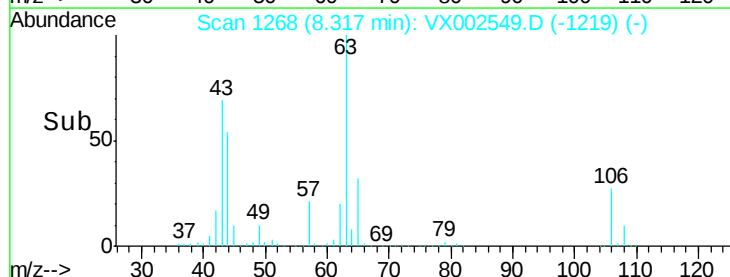
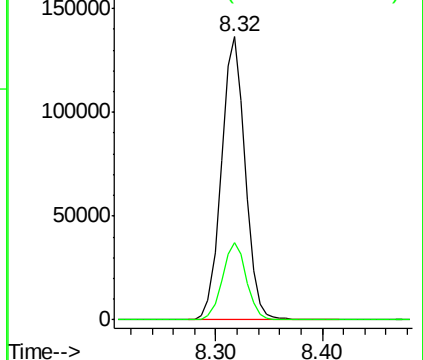
63 100

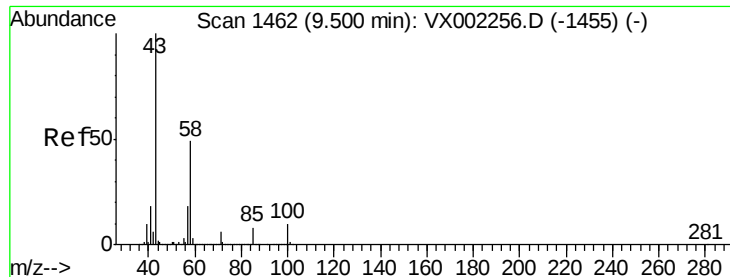
106 27.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

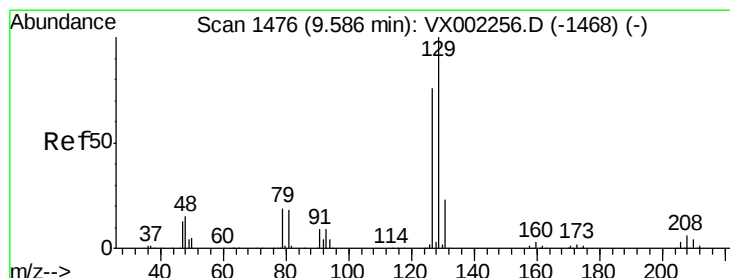
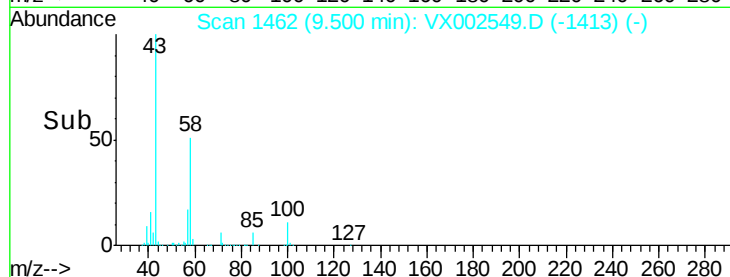
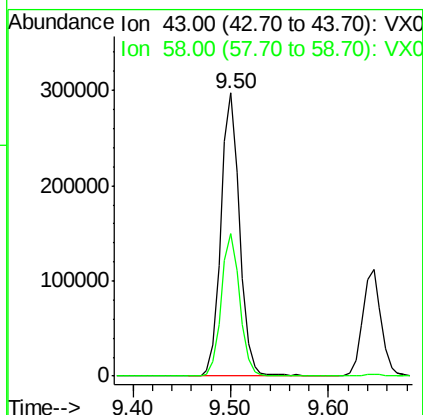
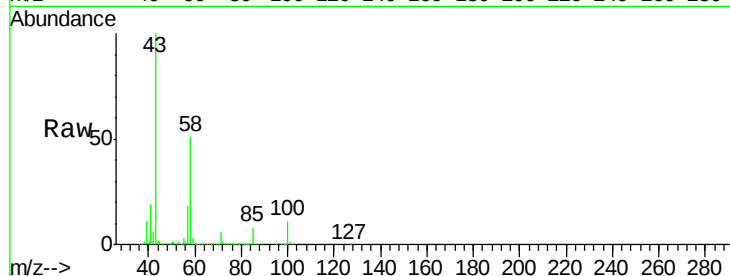




#59
2-Hexanone
Concen: 94.99 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

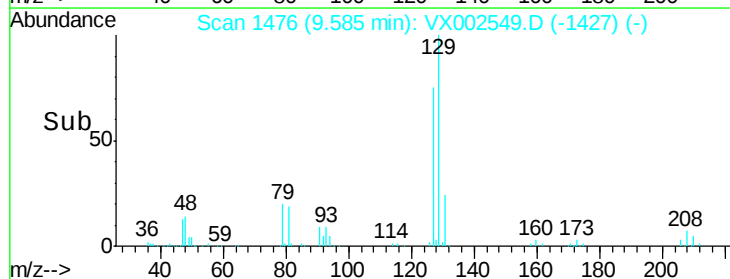
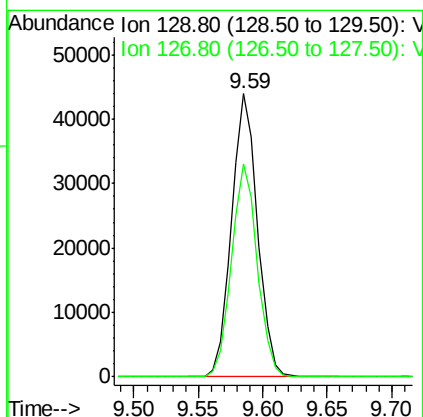
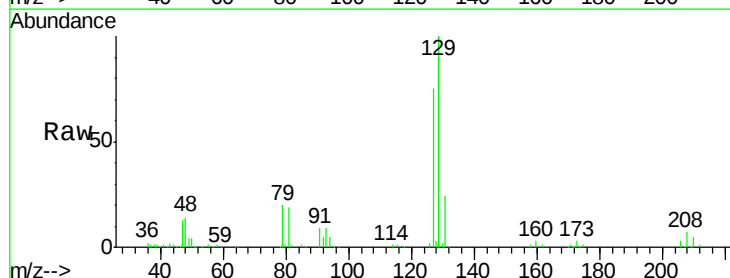
Instrument :
MSVOA_X
ClientSampleId :

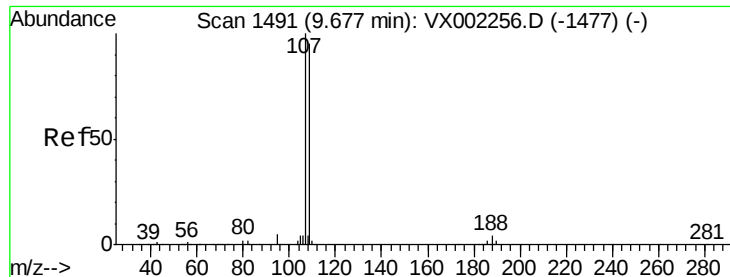
Tot Ion: 43 Resp: 393131
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6



#60
Dibromochloromethane
Concen: 18.23 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion: 129 Resp: 61964
Ion Ratio Lower Upper
129 100
127 74.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.07 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

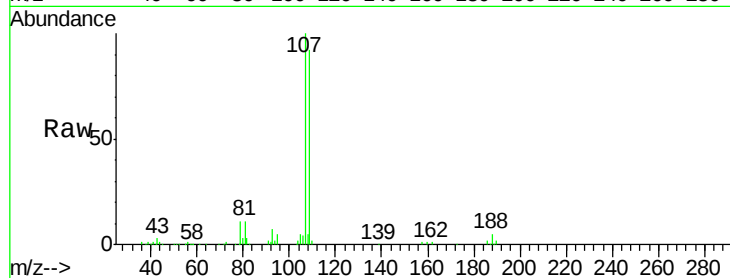
ClientSampled :

Tot Ion:107 Resp: 67193

Ion Ratio Lower Upper

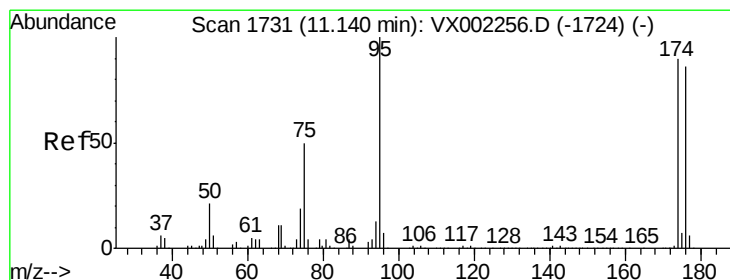
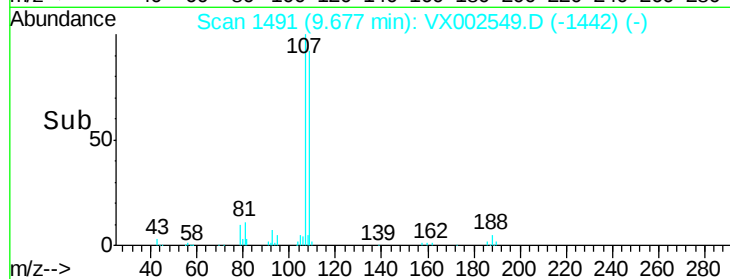
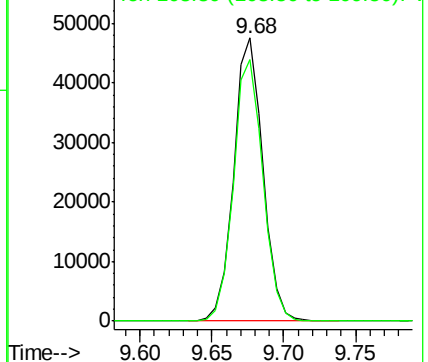
107 100

109 93.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

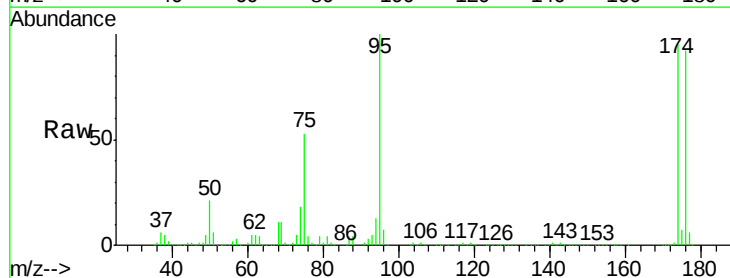
Tgt Ion: 95 Resp: 240551

Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.4

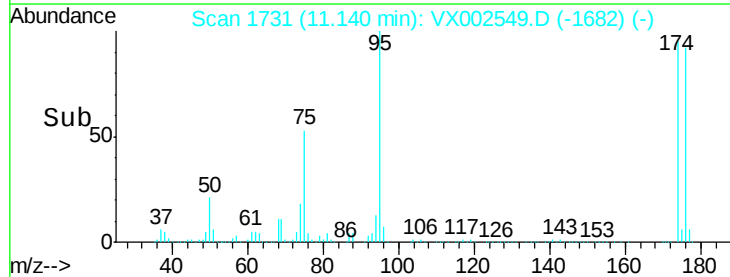
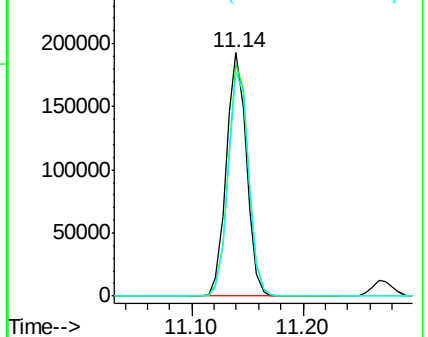
176 93.6 0.0 181.0

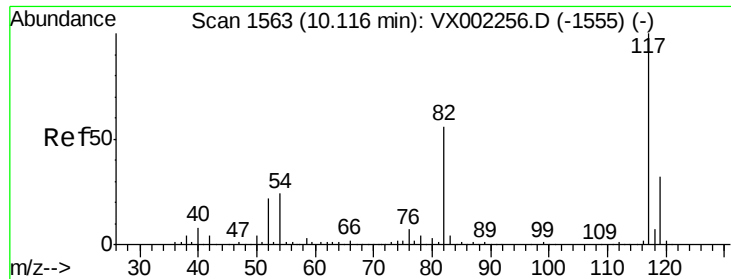


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

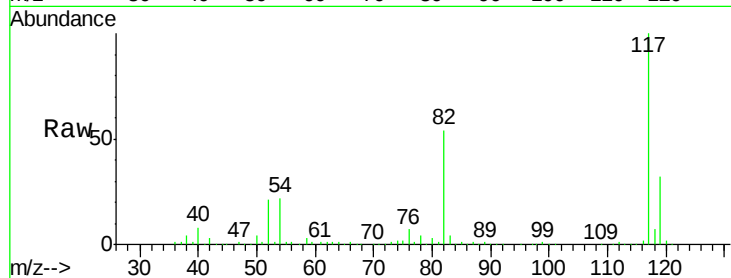




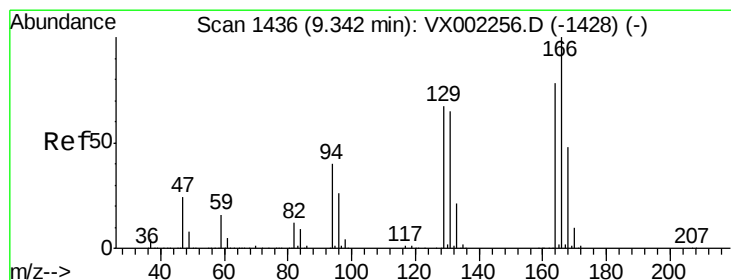
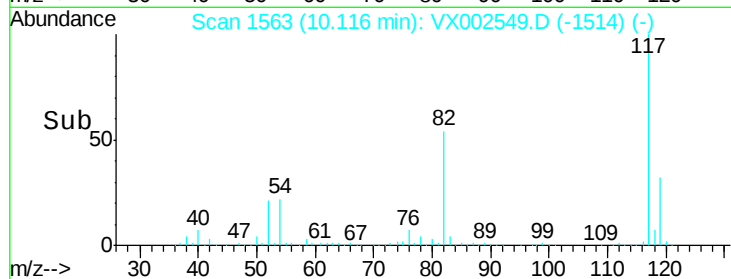
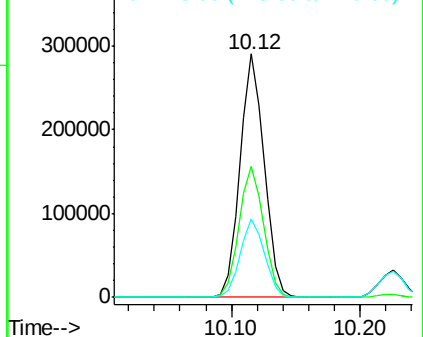
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 377752
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.2 25.8 38.6

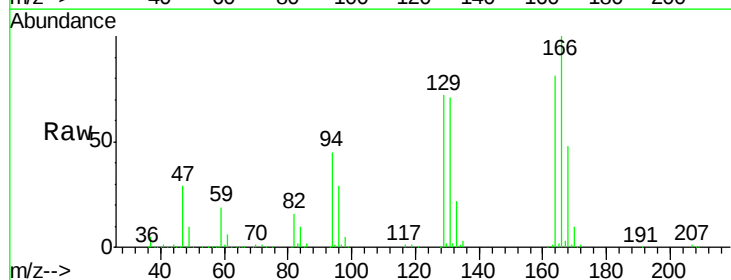


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

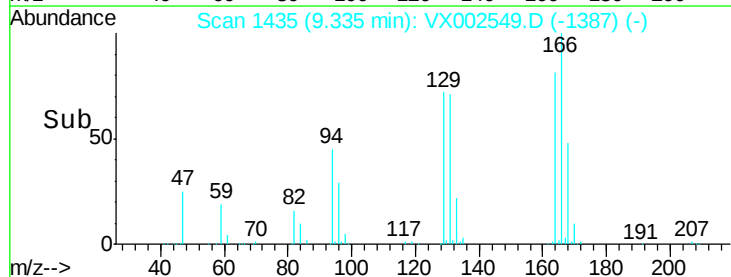
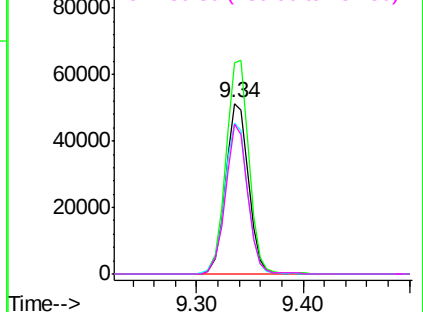


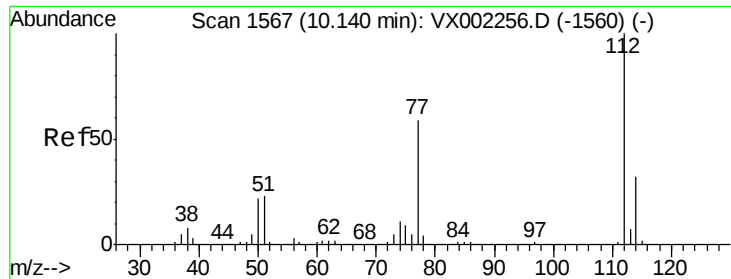
#64
Tetrachloroethene
Concen: 19.74 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion:164 Resp: 76904
Ion Ratio Lower Upper
164 100
166 123.8 102.9 154.3
129 89.0 68.6 102.8
131 87.6 66.8 100.2



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

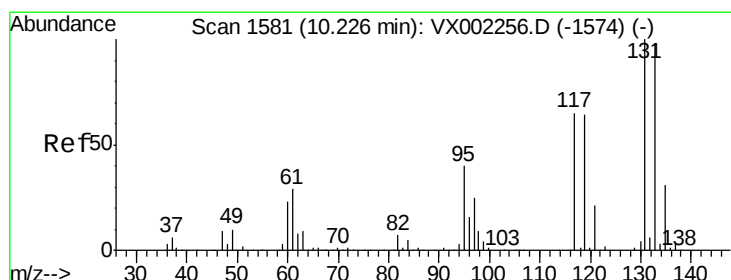
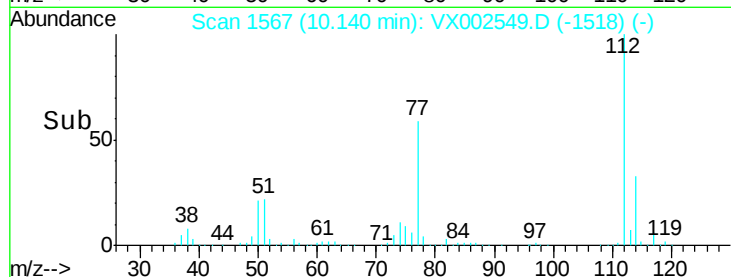
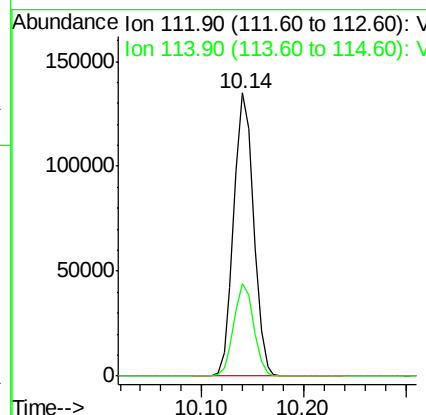
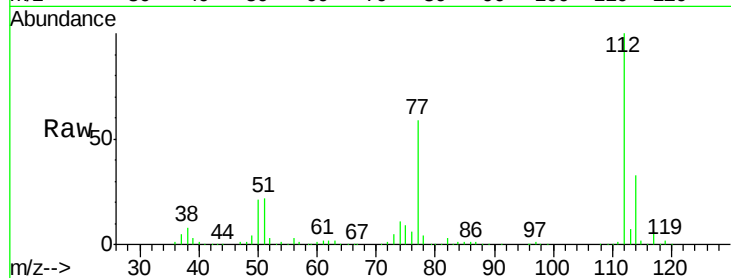




#65
Chlorobenzene
Concen: 19.36 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

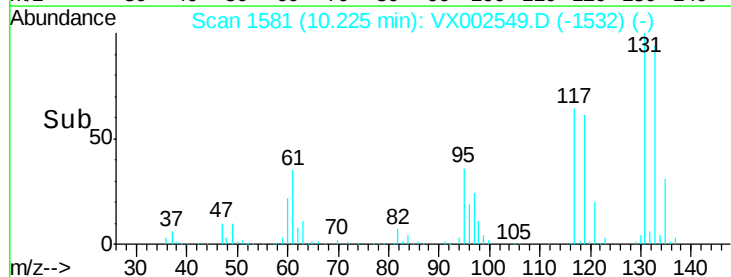
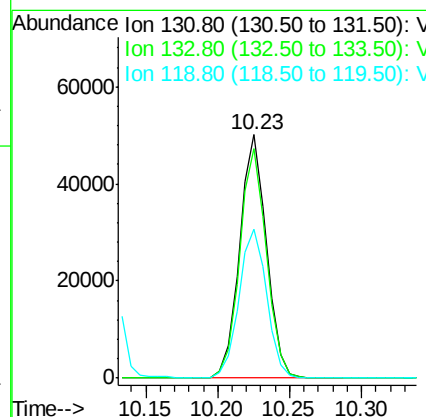
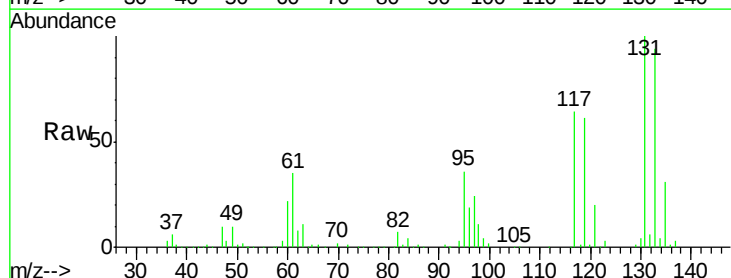
Instrument :
MSVOA_X
ClientSampled :

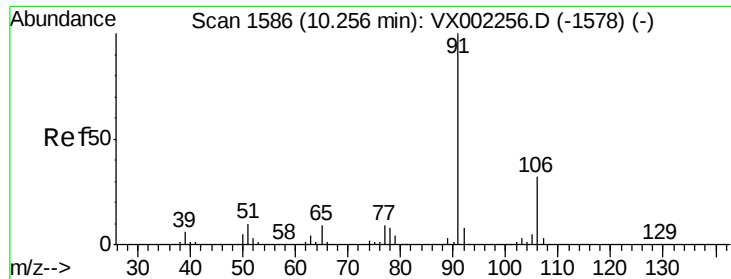
Tot Ion:112 Resp: 182012
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.09 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion:131 Resp: 64963
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.6
119 63.6 31.8 95.3

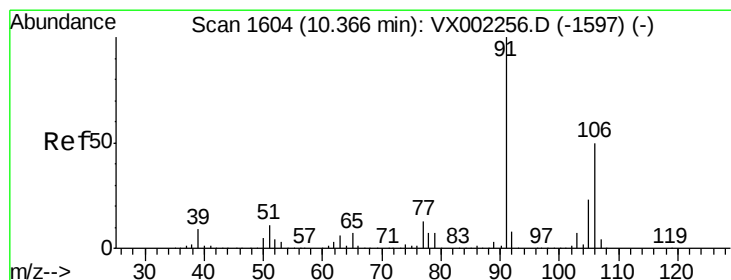
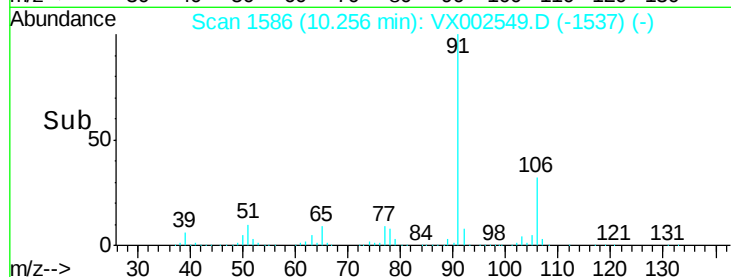
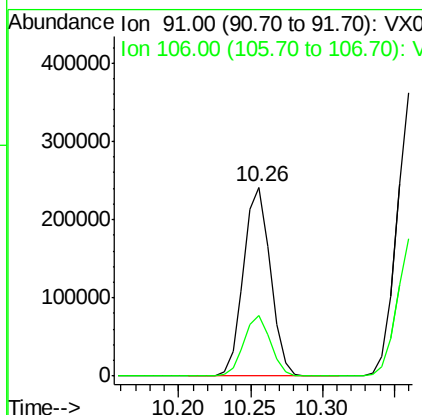
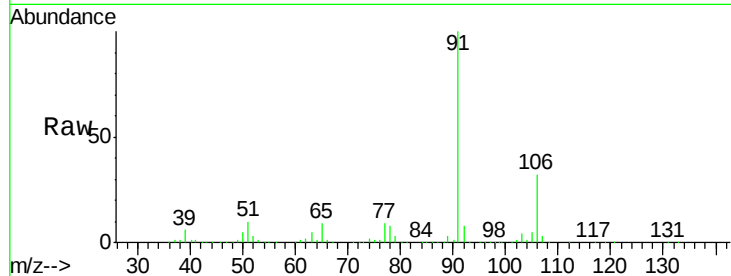




#67
Ethyl Benzene
Concen: 19.89 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

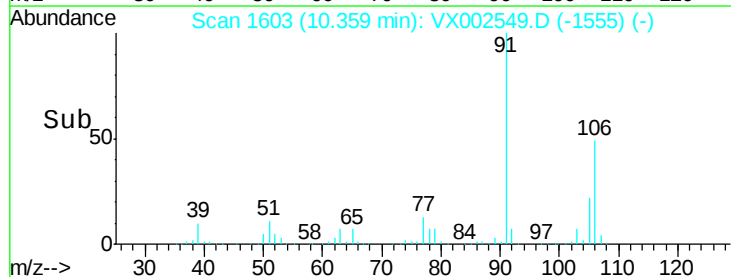
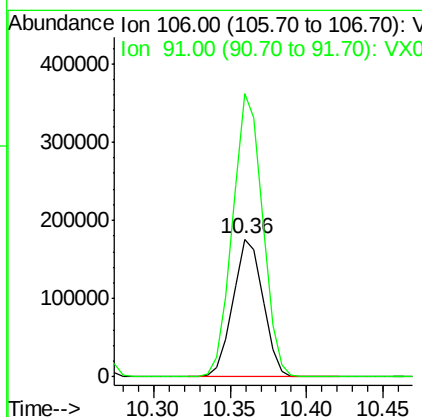
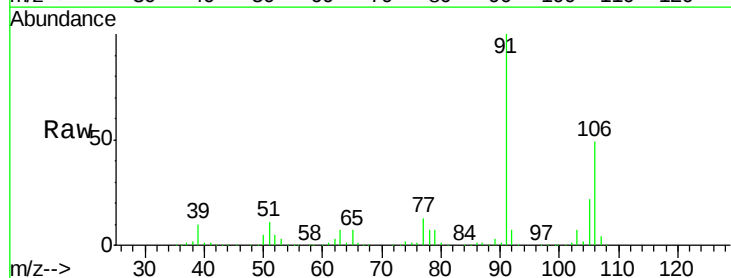
Instrument :
MSVOA_X
ClientSampled :

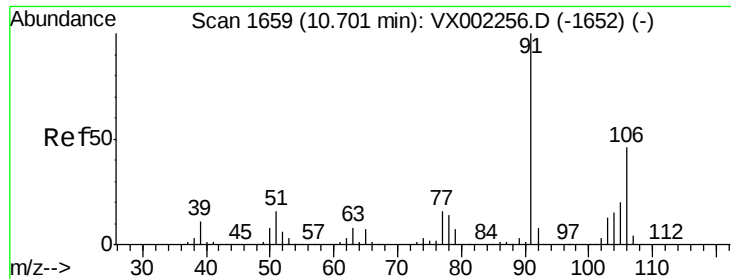
Tot Ion: 91 Resp: 312811
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 39.12 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion: 106 Resp: 239197
Ion Ratio Lower Upper
106 100
91 204.9 163.4 245.2

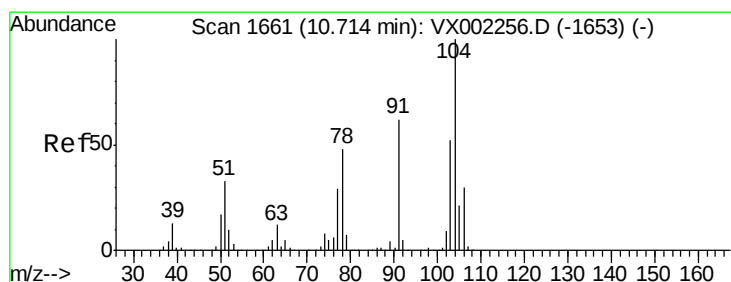
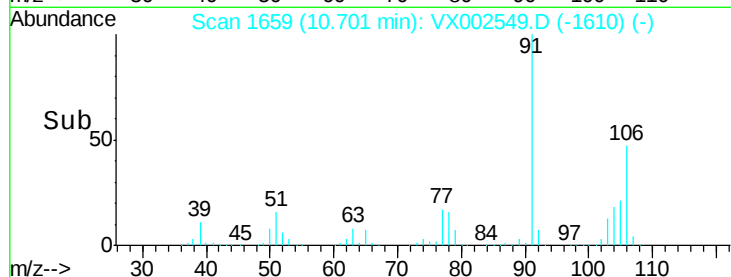
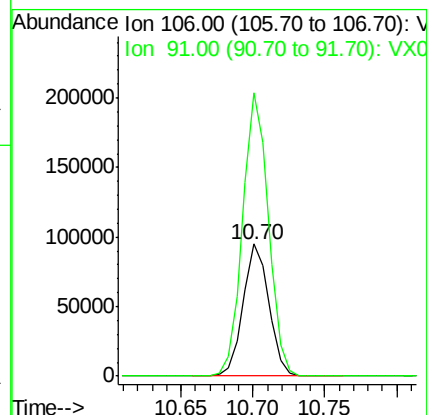
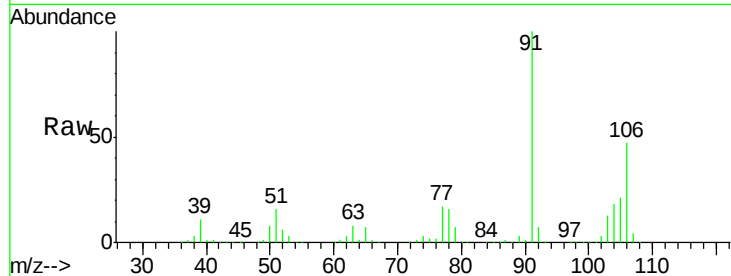




#69
o-Xylene
Concen: 19.41 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

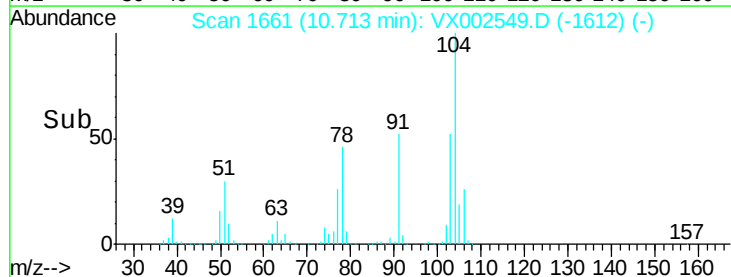
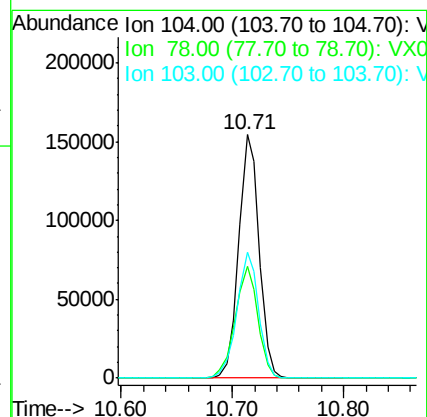
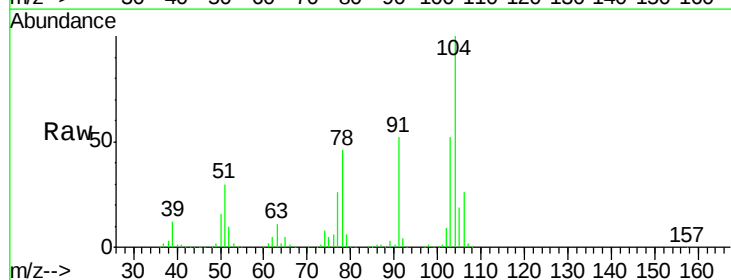
Instrument :
MSVOA_X
ClientSampled :

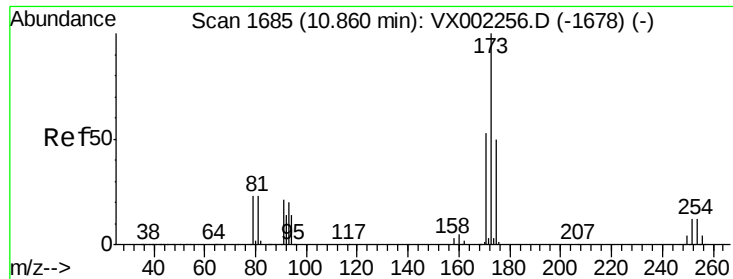
Tot Ion:106 Resp: 118132
Ion Ratio Lower Upper
106 100
91 214.8 108.2 324.6



#70
Styrene
Concen: 19.71 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion:104 Resp: 196097
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 55.3 44.2 66.4





#71

Bromoform

Concen: 17.42 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

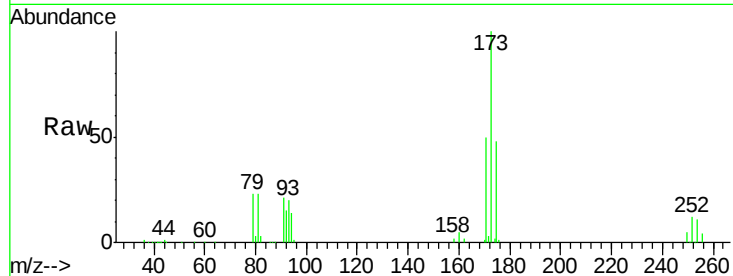
Tot Ion:173 Resp: 45717

Ion Ratio Lower Upper

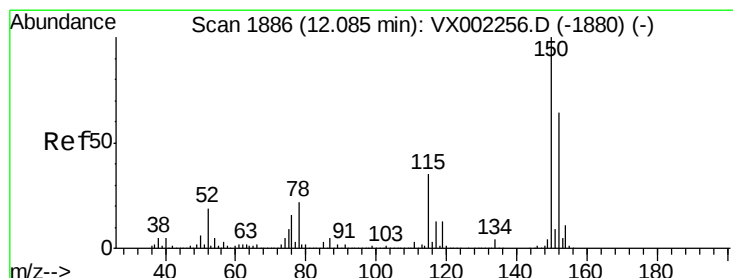
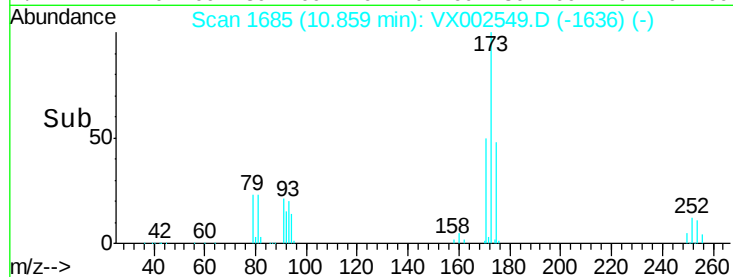
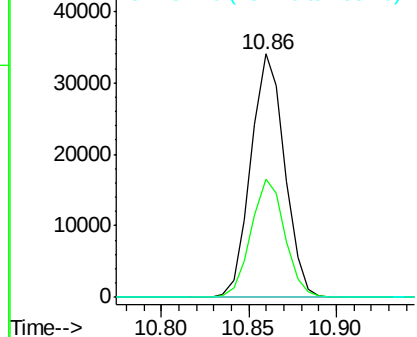
173 100

175 48.4 24.7 74.1

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: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

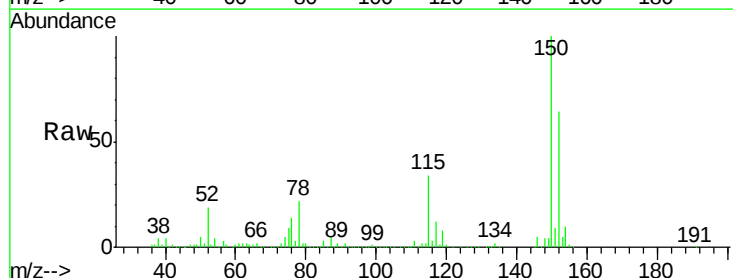
Tgt Ion:152 Resp: 230270

Ion Ratio Lower Upper

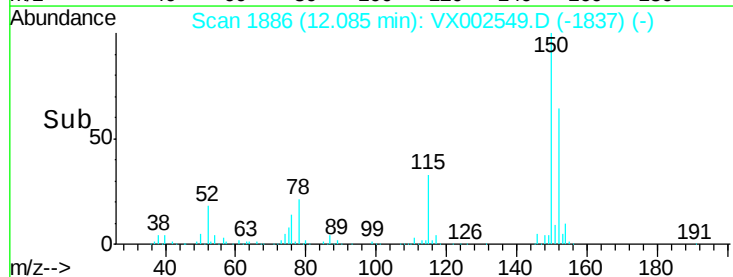
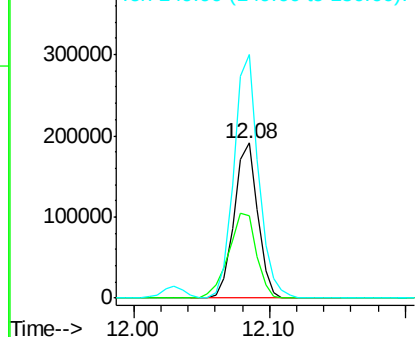
152 100

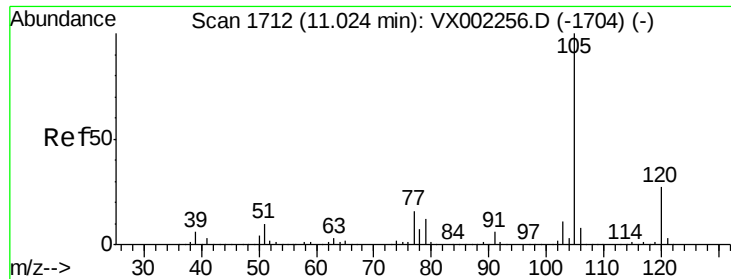
115 64.8 40.1 120.2

150 164.1 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.23 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

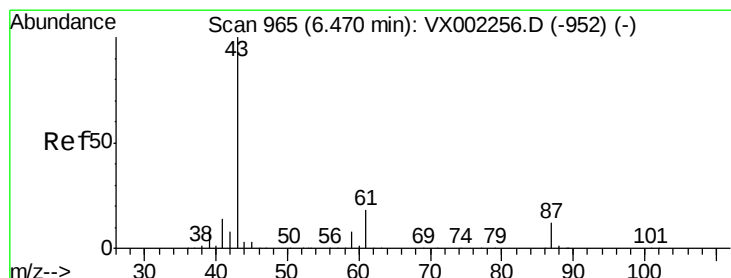
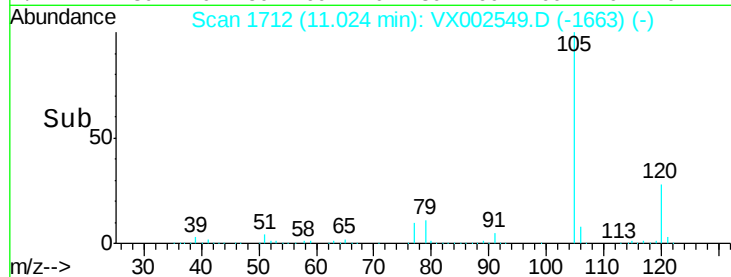
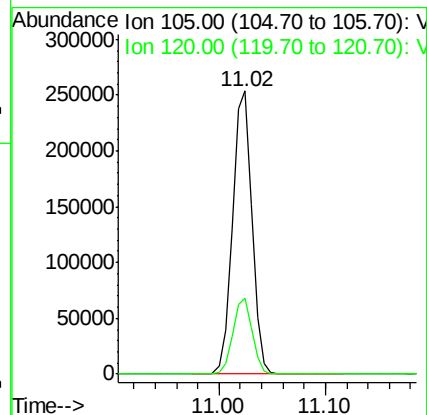
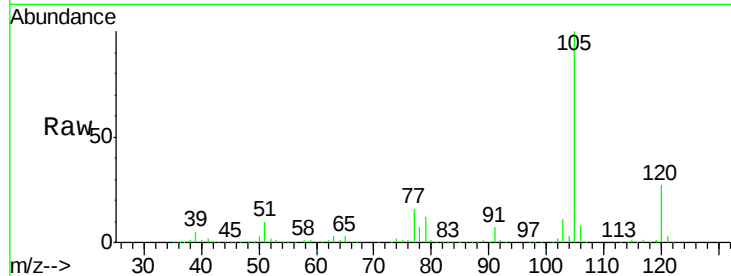
ClientSampleId :

Tot Ion:105 Resp: 323981

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 18.20 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Tgt Ion: 43 Resp: 157100

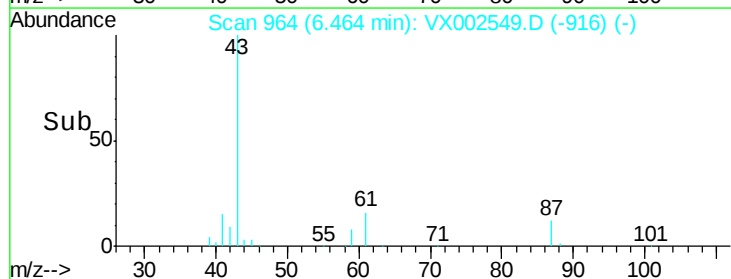
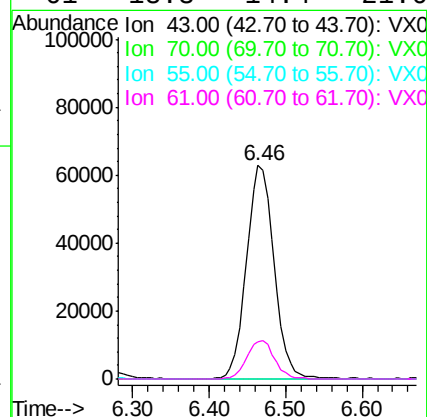
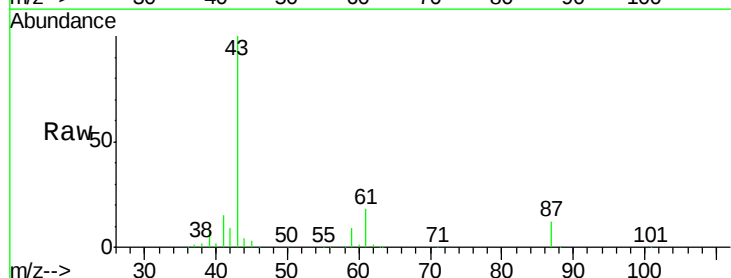
Ion Ratio Lower Upper

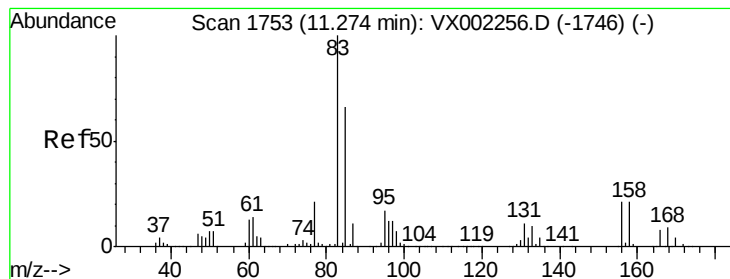
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.93 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

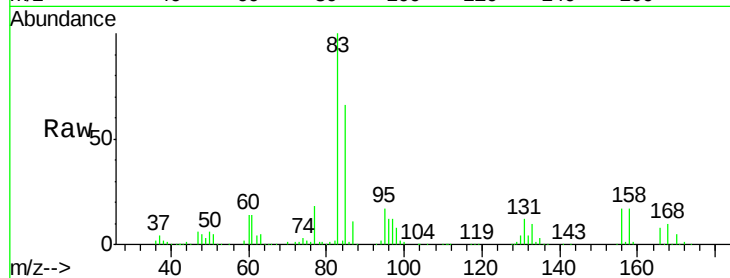
Tot Ion: 83 Resp: 95375

Ion Ratio Lower Upper

83 100

131 11.6 5.6 16.8

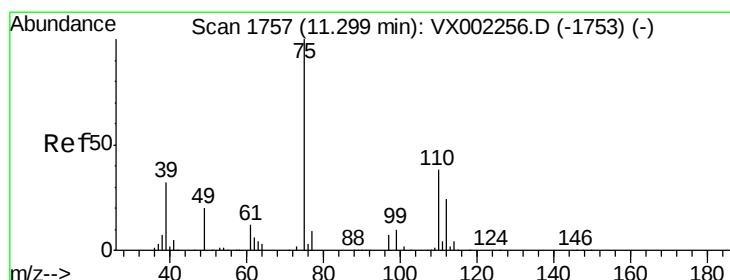
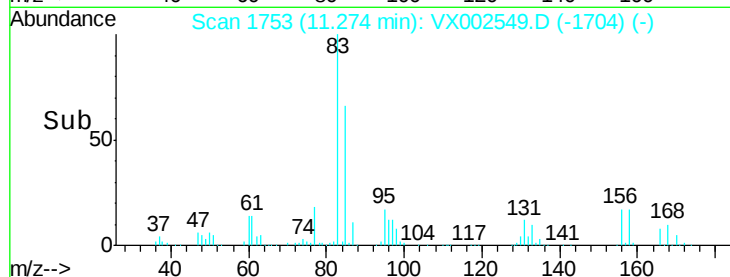
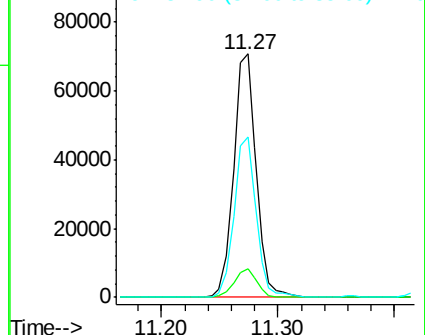
85 65.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.42 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002549.D

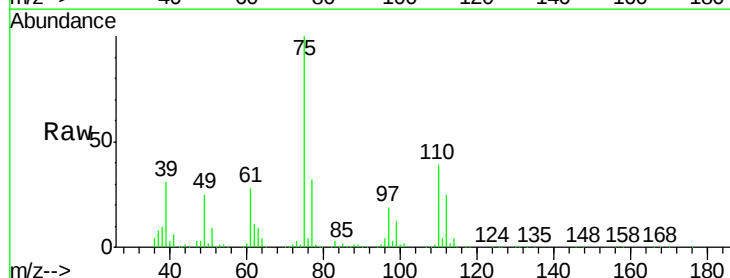
Acq: 14 Jun 2018 14:00

Tgt Ion: 75 Resp: 108210

Ion Ratio Lower Upper

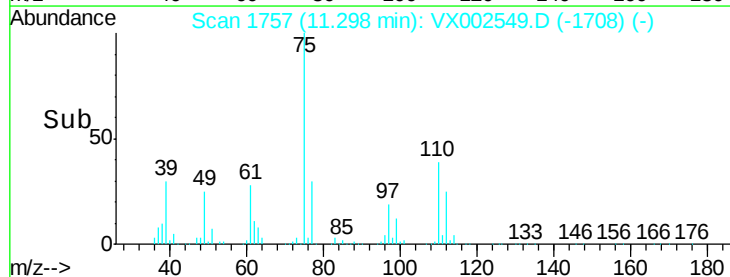
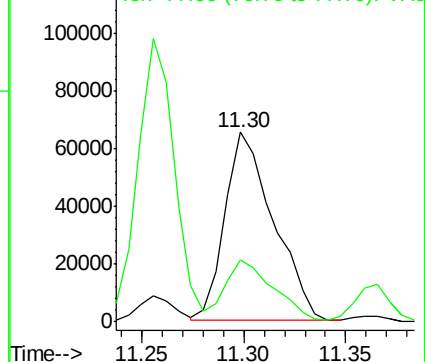
75 100

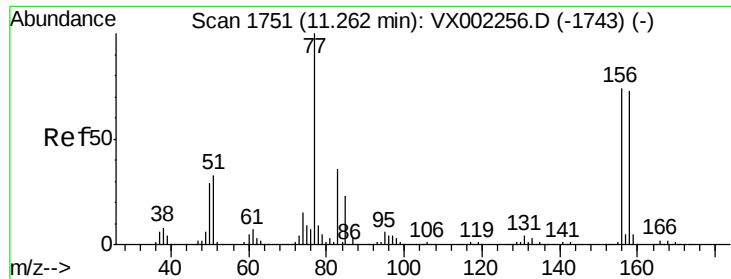
77 32.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.55 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

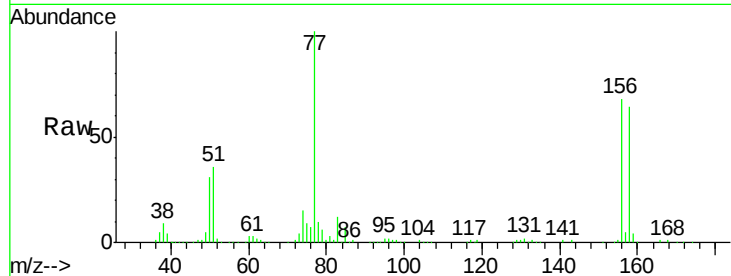
Tot Ion:156 Resp: 87904

Ion Ratio Lower Upper

156 100

77 139.2 71.4 214.2

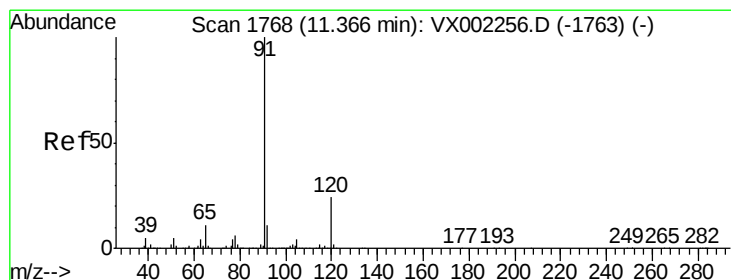
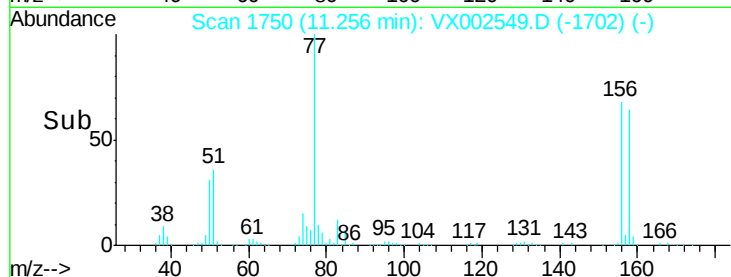
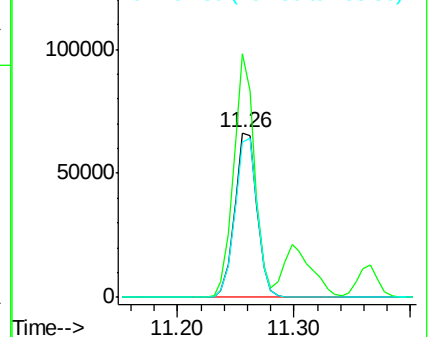
158 97.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.99 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002549.D

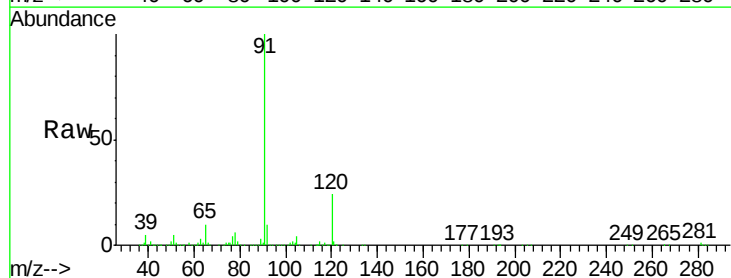
Acq: 14 Jun 2018 14:00

Tgt Ion: 91 Resp: 373741

Ion Ratio Lower Upper

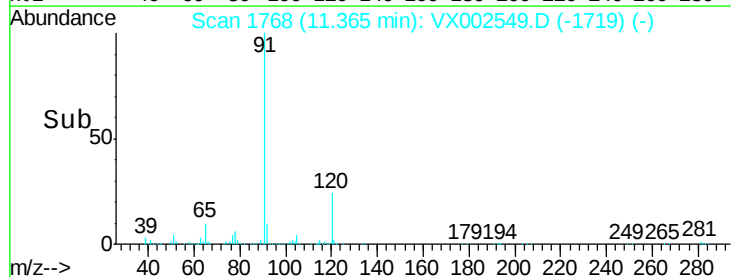
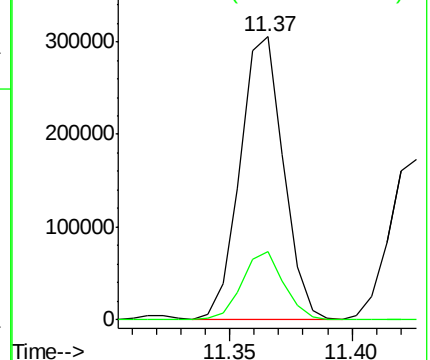
91 100

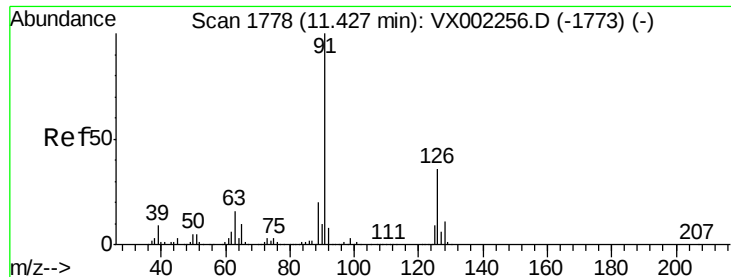
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.33 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

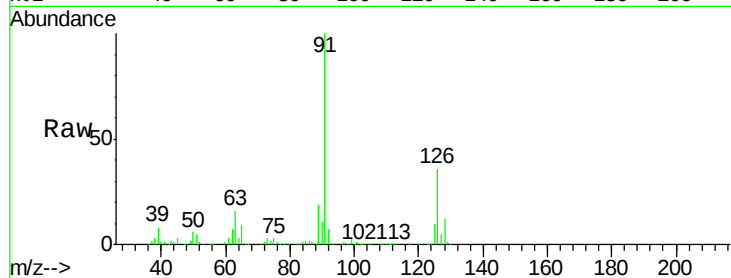
ClientSampleId :

Tot Ion: 91 Resp: 217327

Ion Ratio Lower Upper

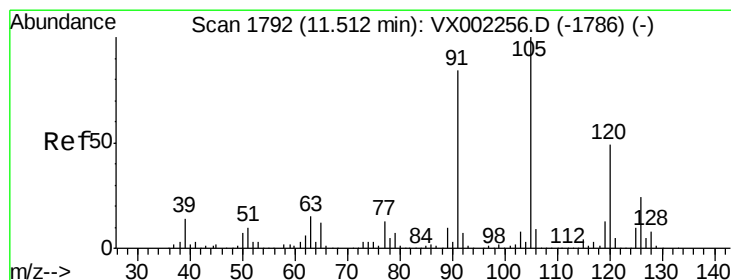
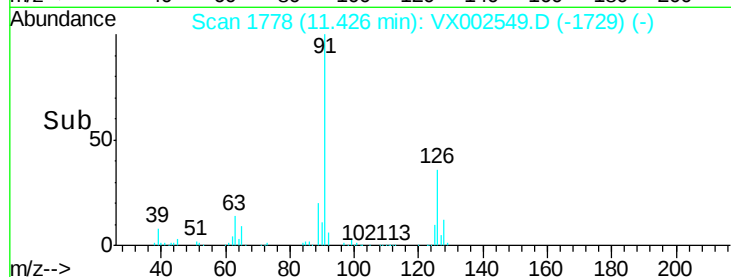
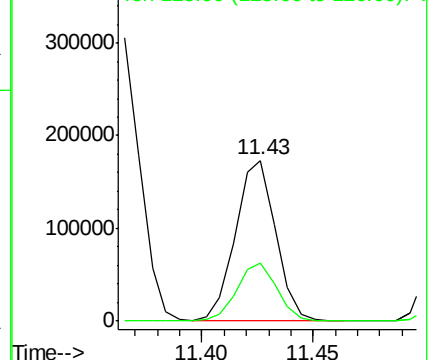
91 100

126 35.9 17.7 53.1



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: 19.88 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002549.D

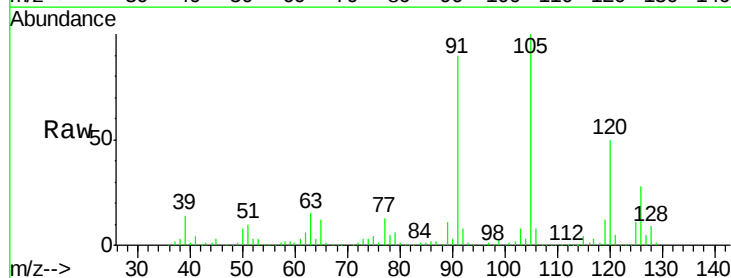
Acq: 14 Jun 2018 14:00

Tgt Ion: 105 Resp: 273153

Ion Ratio Lower Upper

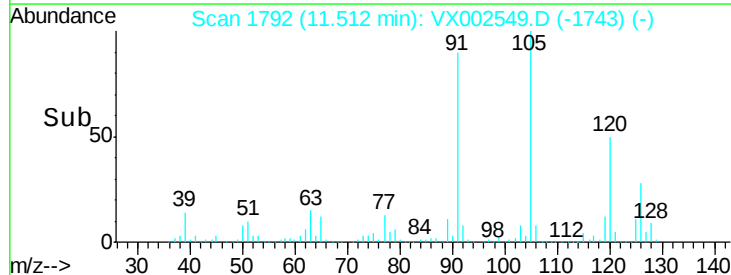
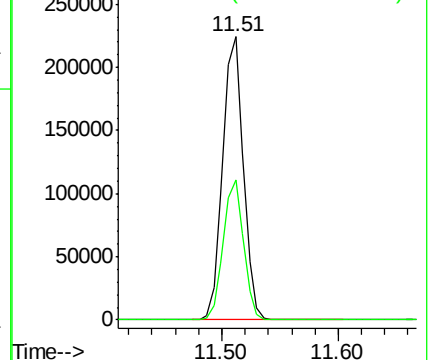
105 100

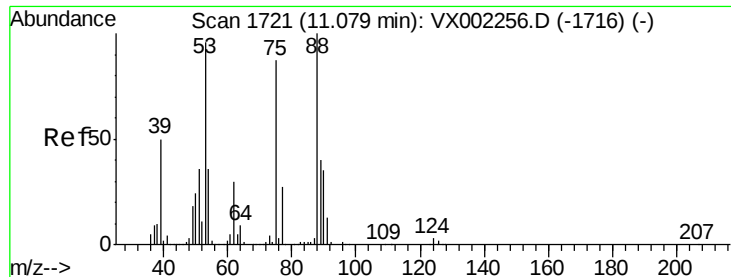
120 48.8 24.4 73.4



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: 16.34 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

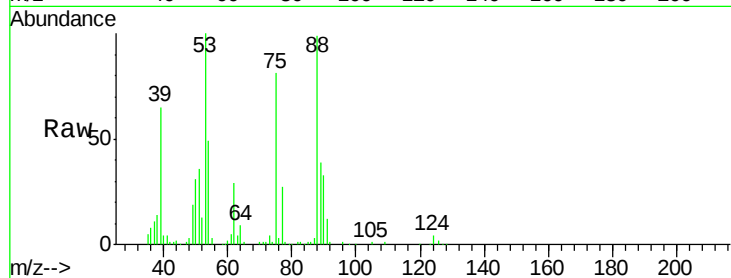
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 23557

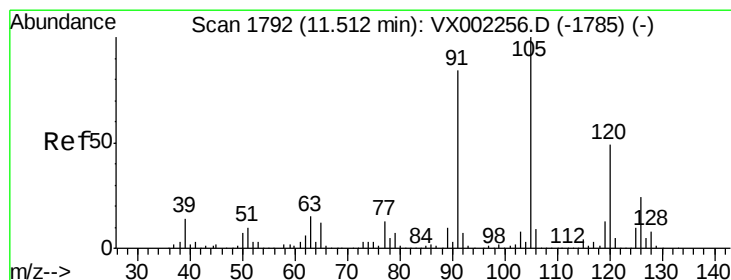
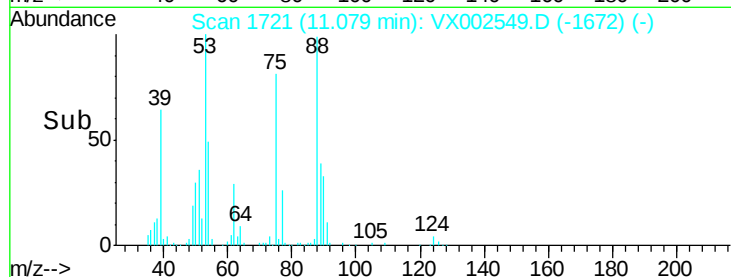
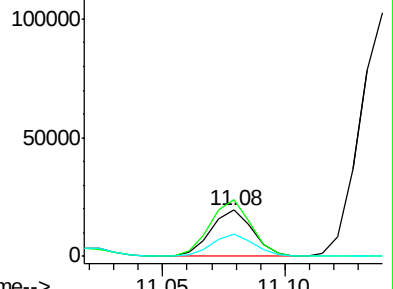
Ion	Ratio	Lower	Upper
75	100		
53	120.7	86.8	130.2
89	49.3	38.2	57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.84 ug/l

RT: 11.51 min Scan# 1792

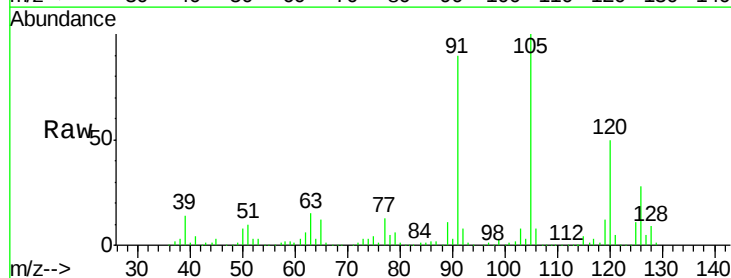
Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

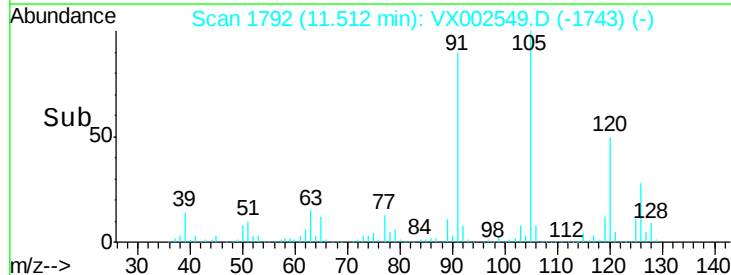
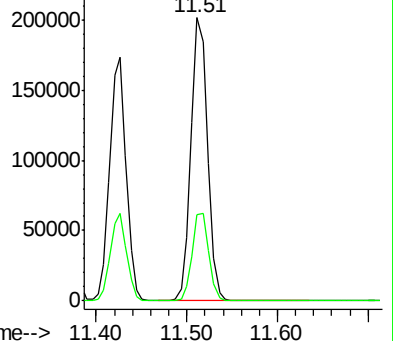
Tgt Ion: 91 Resp: 257500

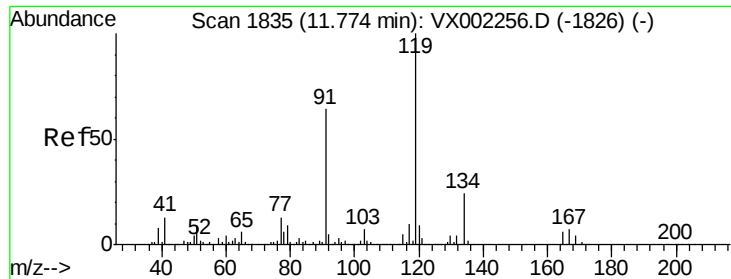
Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.4	46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

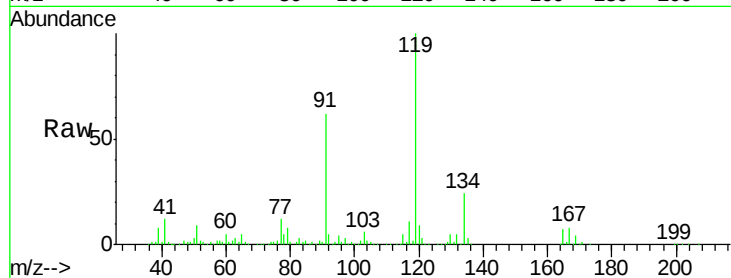




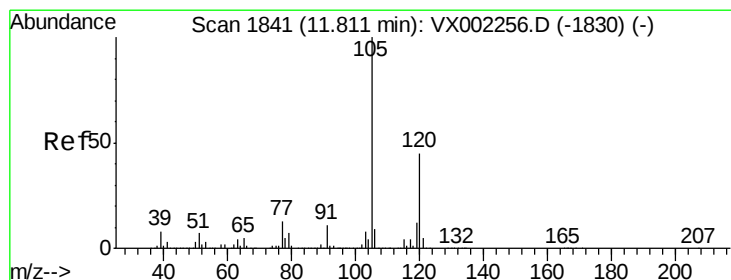
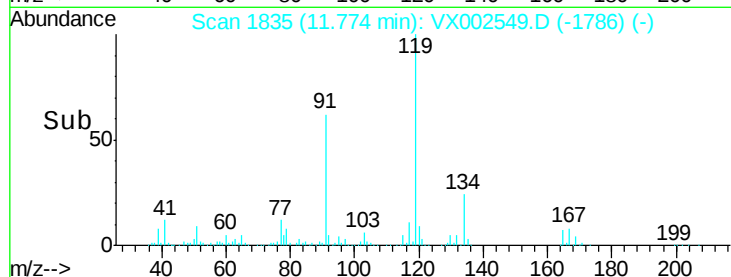
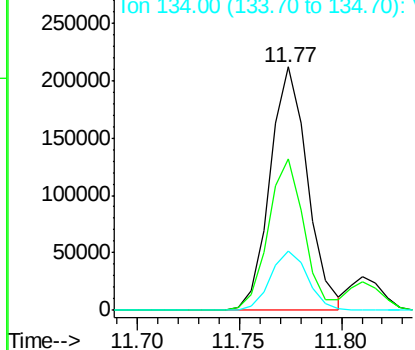
#83
tert-Butylbenzene
Concen: 20.31 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 271726
Ion Ratio Lower Upper
119 100
91 59.9 30.3 90.9
134 24.2 11.7 35.1

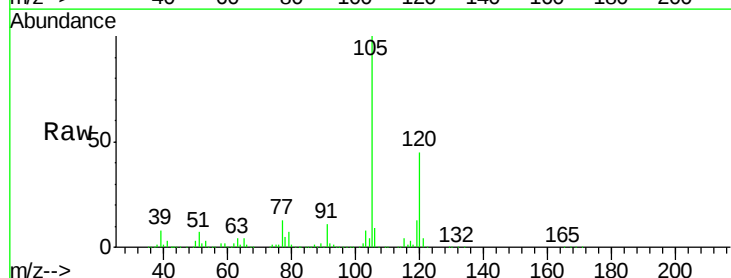


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

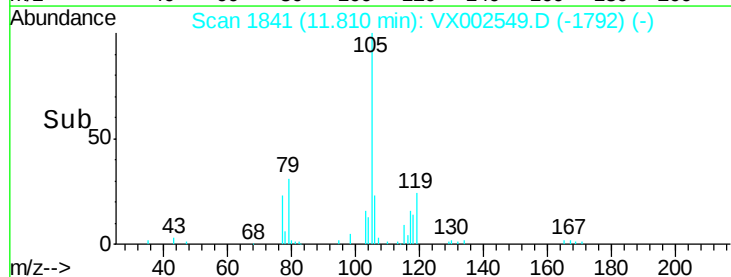
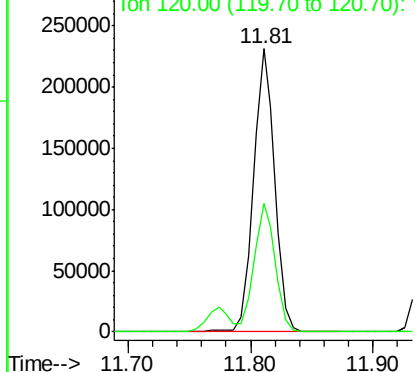


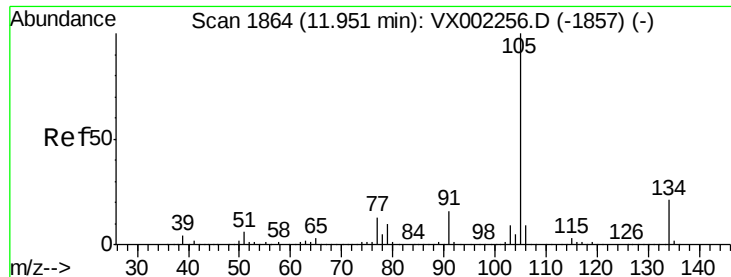
#84
1,2,4-Trimethylbenzene
Concen: 19.77 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion:105 Resp: 279679
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8



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





#85

sec-Butylbenzene

Concen: 21.53 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

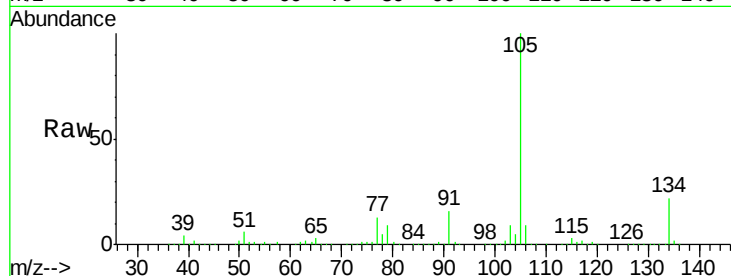
ClientSampleId :

Tot Ion:105 Resp: 337636

Ion Ratio Lower Upper

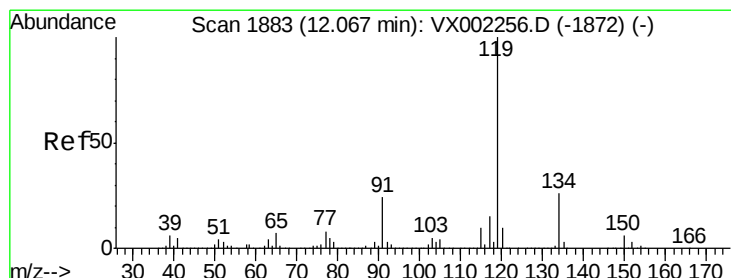
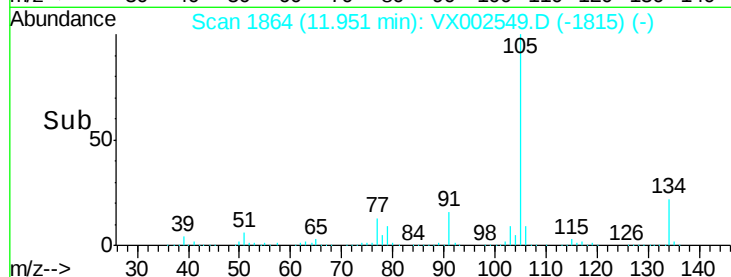
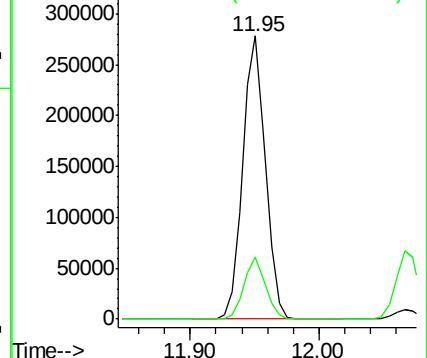
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.28 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

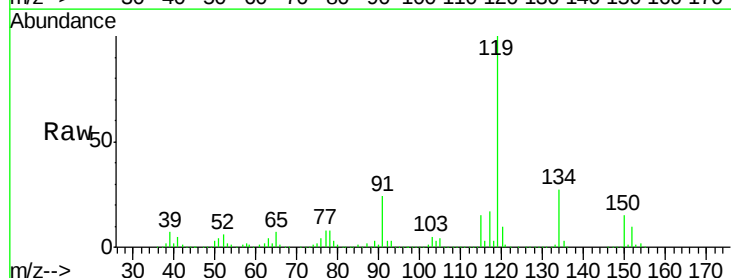
Tgt Ion:119 Resp: 304012

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

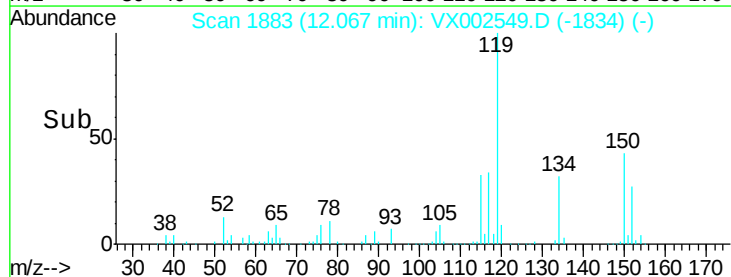
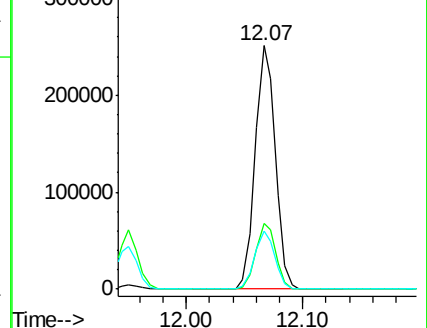
91 24.1 11.9 35.7

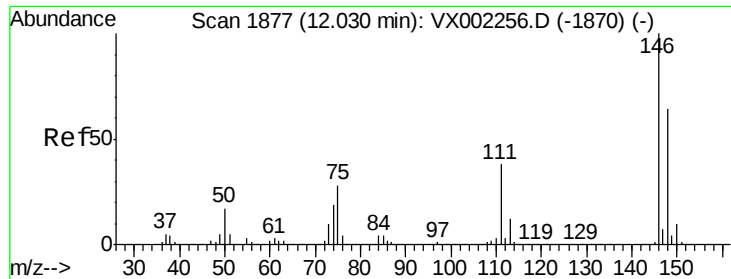


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

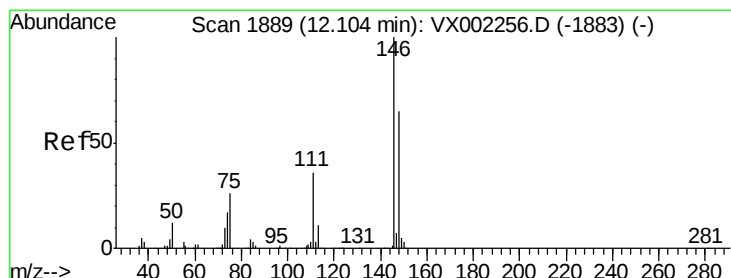
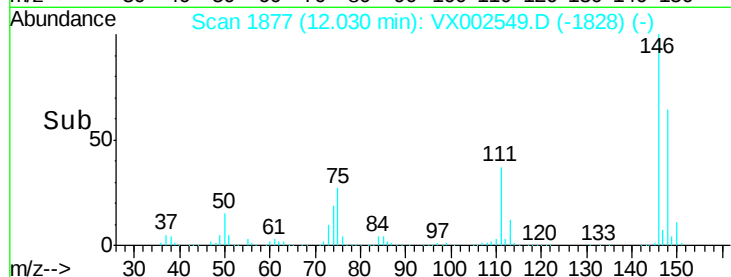
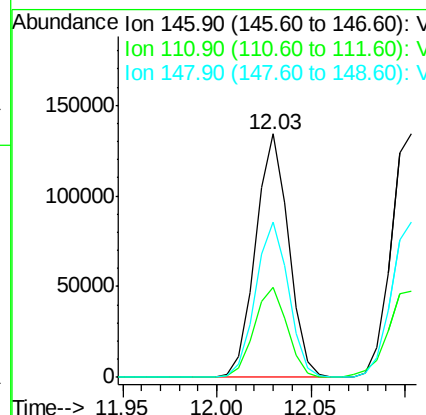
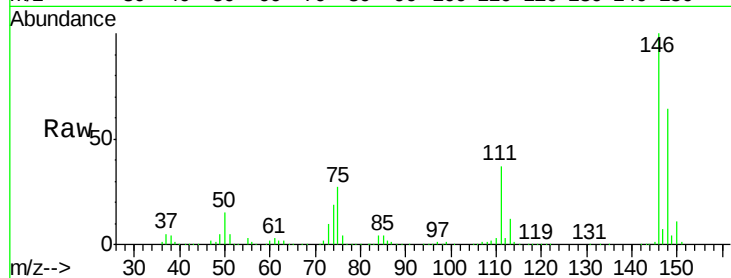




#87
 1,3-Dichlorobenzene
 Concen: 20.23 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

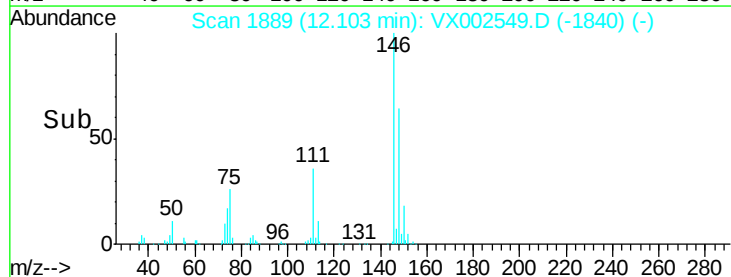
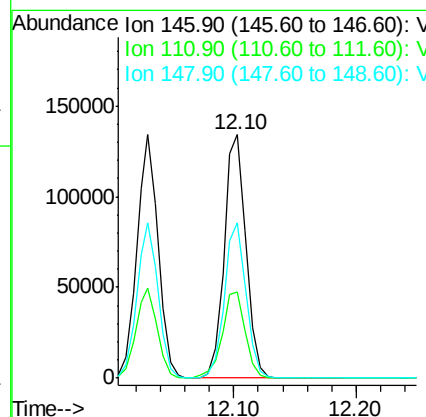
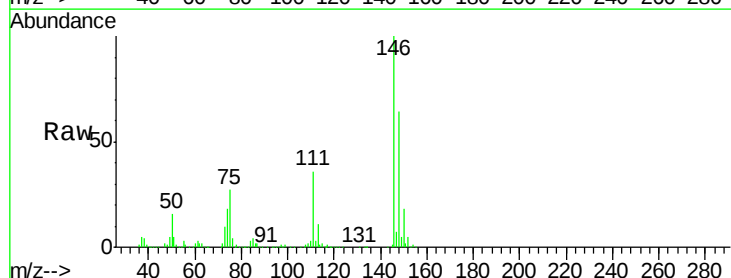
Instrument :
 MSVOA_X
 ClientSampleId :

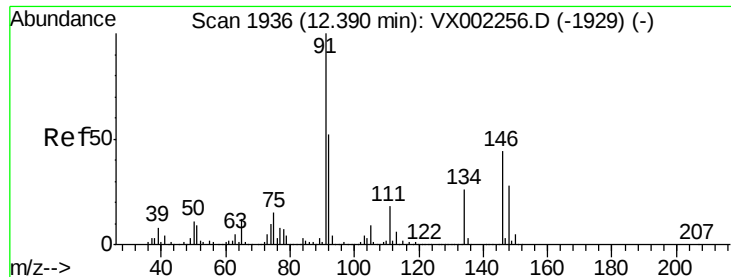
Tot Ion:146 Resp: 162664
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.7
 148 63.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.90 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

Tgt Ion:146 Resp: 164893
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 64.0 32.4 97.0





#89

n-Butylbenzene

Concen: 22.52 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002549.D

Acq: 14 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

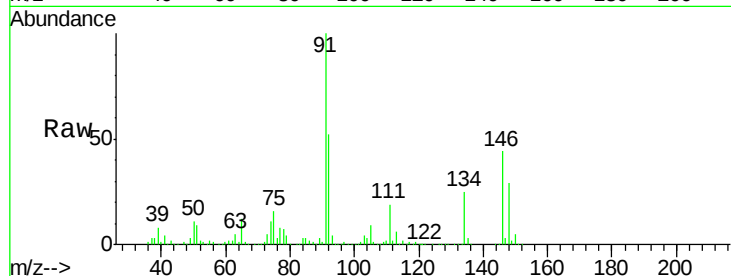
Tot Ion: 91 Resp: 269886

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

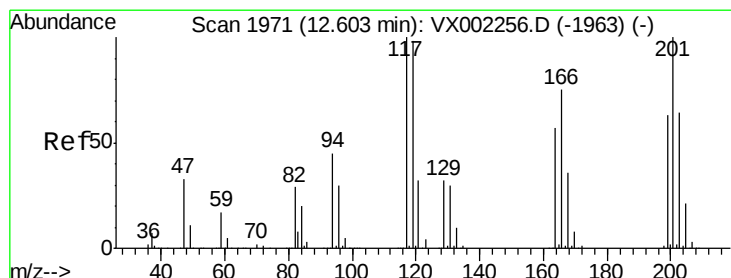
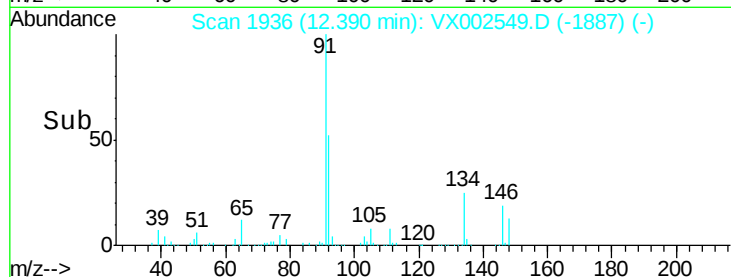
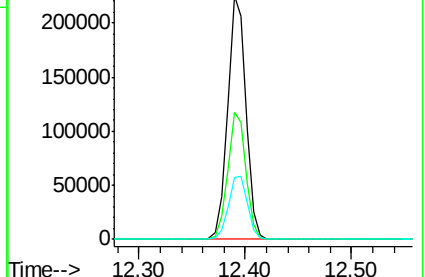
134 27.3 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX002256.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX002256.D (-1929) (-)



#90

Hexachloroethane

Concen: 17.66 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002549.D

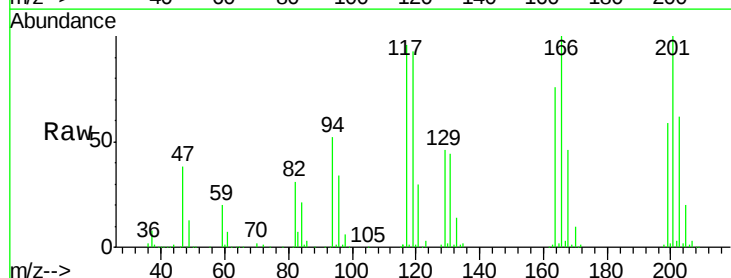
Acq: 14 Jun 2018 14:00

Tgt Ion: 117 Resp: 40278

Ion Ratio Lower Upper

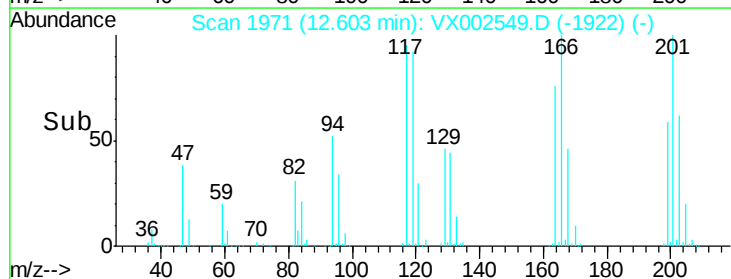
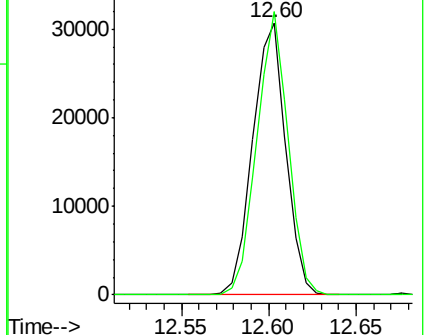
117 100

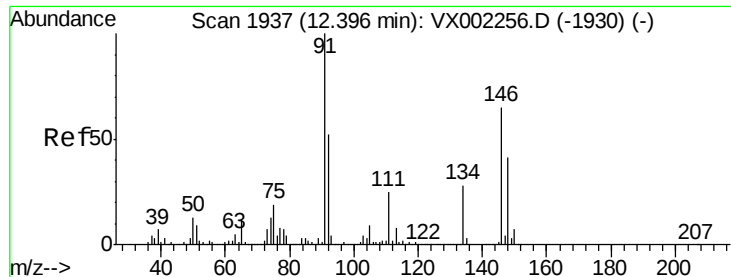
201 97.9 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX002256.D (-1963) (-)

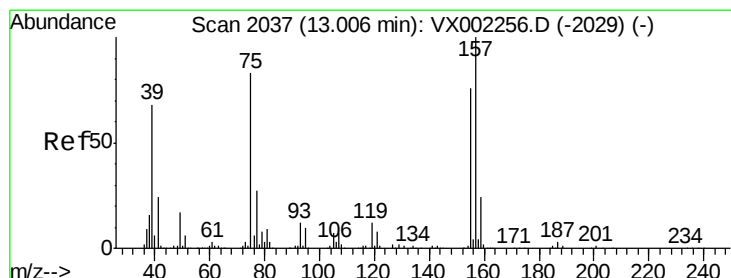
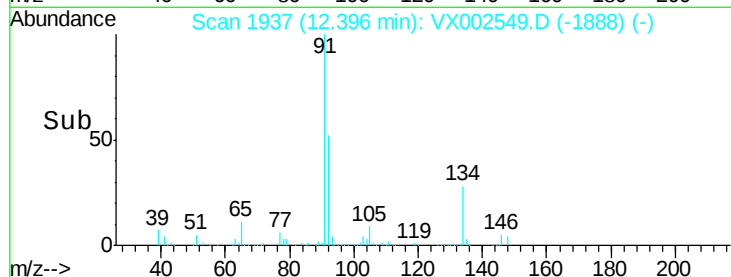
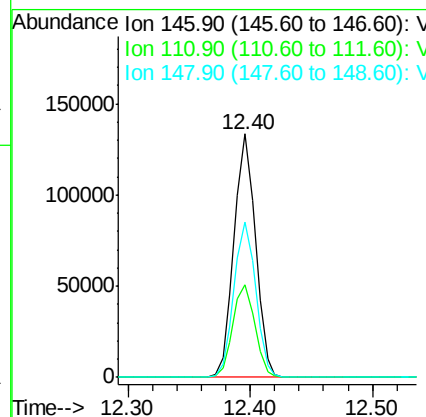
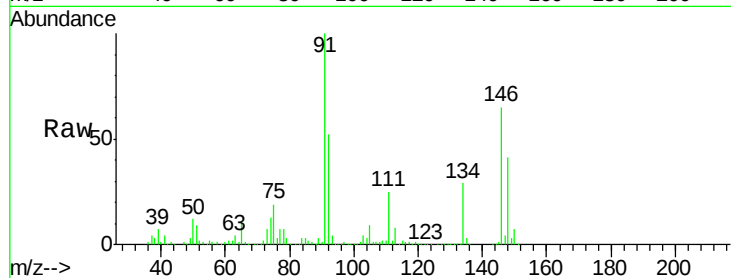




#91
 1,2-Dichlorobenzene
 Concen: 19.52 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

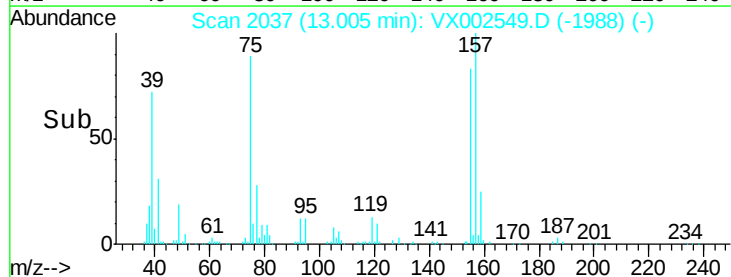
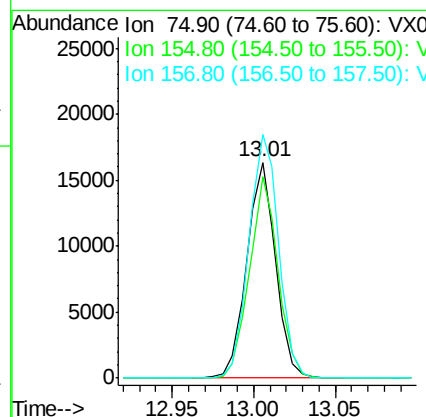
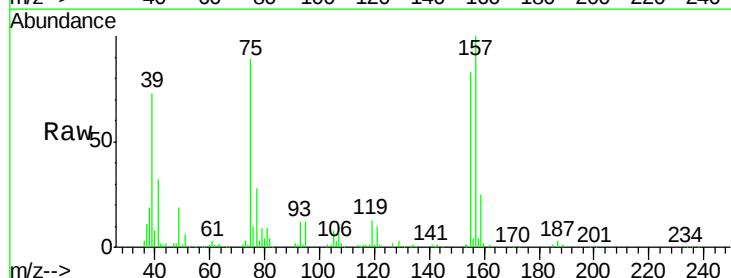
Instrument :
 MSVOA_X
 ClientSampleId :

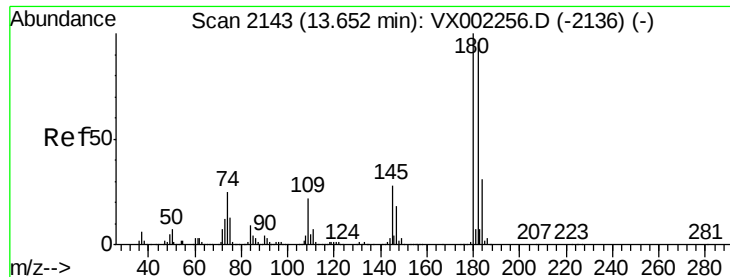
Tot Ion:146 Resp: 162410
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 64.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.28 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

Tgt Ion: 75 Resp: 20141
 Ion Ratio Lower Upper
 75 100
 155 92.4 45.8 137.4
 157 116.2 60.1 180.3

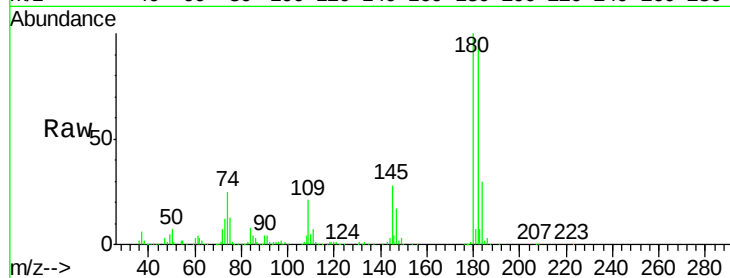




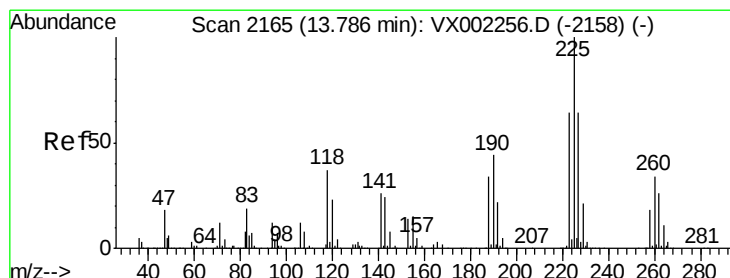
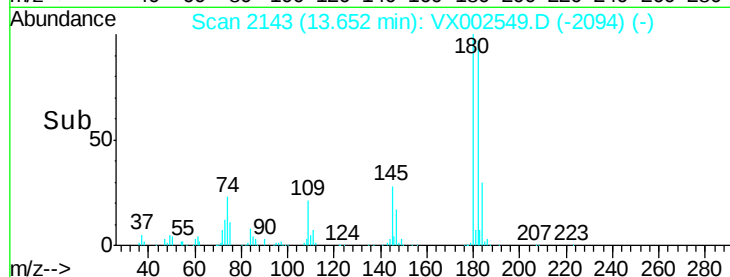
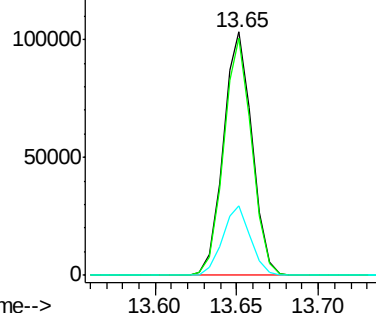
#93
 1,2,4-Trichlorobenzene
 Concen: 21.58 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 125876
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 27.8 14.1 42.4

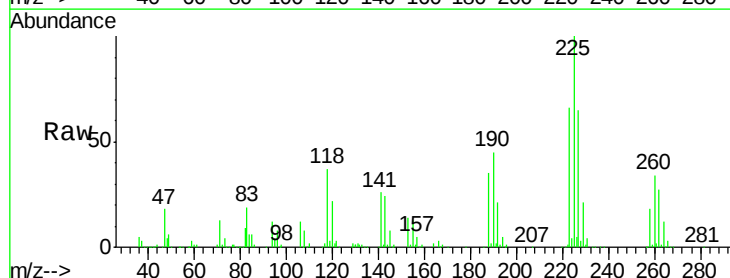


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

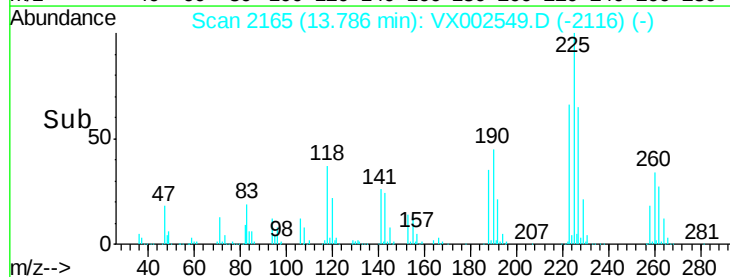
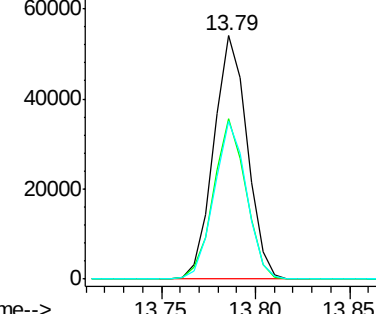


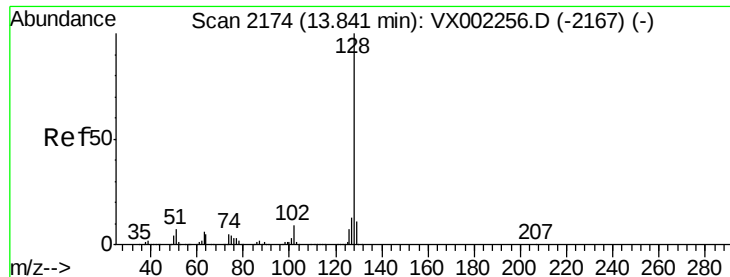
#94
 Hexachlorobutadiene
 Concen: 23.10 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002549.D
 Acq: 14 Jun 2018 14:00

Tgt Ion:225 Resp: 66599
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.6 95.0
 227 62.8 32.4 97.2



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

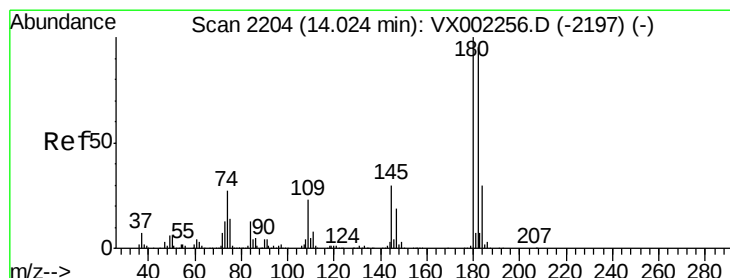
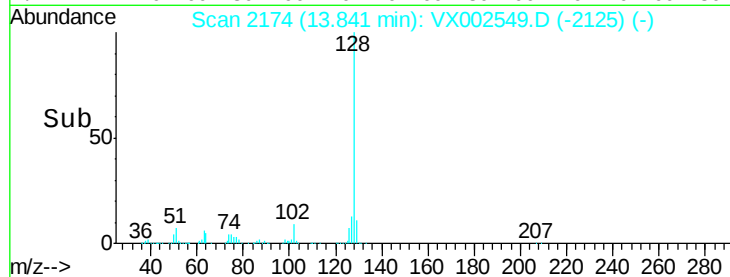
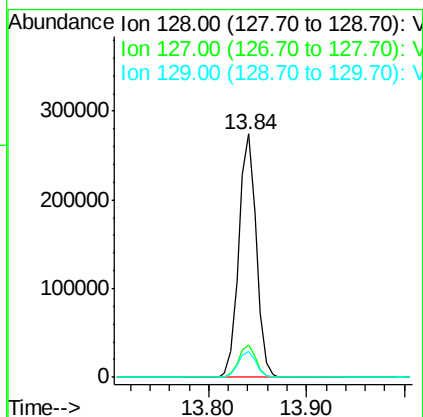
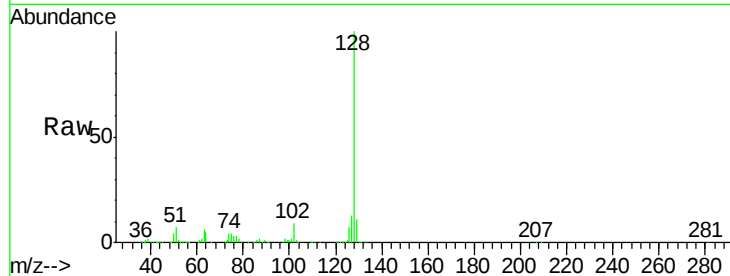




#95
Naphthalene
Concen: 20.23 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 339141
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.09 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002549.D
Acq: 14 Jun 2018 14:00

Tgt Ion:180 Resp: 125447
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.0
145 29.6 14.8 44.3

