

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002480.D
 Acq On : 12 Jun 2018 21:18
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 01:28:44 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	188462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	293466	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193829	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	138374	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
35) Dibromofluoromethane	5.51	113	105635	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	
50) Toluene-d8	8.72	98	394510	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	
62) 4-Bromofluorobenzene	11.14	95	155842	45.69	ug/l	0.00
Spiked Amount			Recovery	=	91.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	81564	41.63	ug/l	99
3) Chloromethane	1.32	50	110239	49.05	ug/l	99
4) Vinyl Chloride	1.41	62	119649	48.46	ug/l	98
5) Bromomethane	1.64	94	70582	50.55	ug/l	100
6) Chloroethane	1.71	64	84359	52.82	ug/l	99
7) Trichlorofluoromethane	1.93	101	199005	52.90	ug/l	99
8) Diethyl Ether	2.19	74	84070	63.53	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	109356	53.87	ug/l	98
10) Methyl Iodide	2.51	142	124644	43.65	ug/l	98
11) Tert butyl alcohol	3.08	59	162481	297.97	ug/l	99
12) 1,1-Dichloroethene	2.37	96	104114	51.89	ug/l	97
13) Acrolein	2.30	56	63932	238.47	ug/l	99
14) Allyl chloride	2.73	41	221766	50.93	ug/l	98
15) Acrylonitrile	3.15	53	366327	322.18	ug/l	99
16) Acetone	2.45	43	340706	297.60	ug/l	100
17) Carbon Disulfide	2.57	76	227506	43.02	ug/l	98
18) Methyl Acetate	2.78	43	178105	66.88	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	442318	63.98	ug/l	100
20) Methylene Chloride	2.86	84	132571	62.93	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	115890	52.38	ug/l	97
22) Diisopropyl ether	3.87	45	407880	56.26	ug/l	91
23) Vinyl Acetate	3.83	43	1755821	248.76	ug/l	100
24) 1,1-Dichloroethane	3.70	63	232064	53.93	ug/l	99
25) 2-Butanone	4.71	43	457128	247.38	ug/l	99
26) 2,2-Dichloropropane	4.59	77	131256	39.02	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	119855	49.81	ug/l	93
28) Bromochloromethane	5.02	49	106896	59.05	ug/l	99
29) Tetrahydrofuran	5.17	42	301357	252.95	ug/l	99
30) Chloroform	5.22	83	217723	52.43	ug/l	98
31) Cyclohexane	5.58	56	152959	44.95	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	178389	50.65	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143211	46.42	ug/l	98
37) Ethyl Acetate	4.87	43	182843	49.28	ug/l	100
38) Carbon Tetrachloride	5.79	117	150496	46.63	ug/l	99

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 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	153158	40.23	ug/l	99
40) Benzene	6.15	78	454905	48.09	ug/l	100
41) Methacrylonitrile	5.07	41	103799	48.87	ug/l	98
42) 1,2-Dichloroethane	6.20	62	188882	50.26	ug/l	100
43) Isopropyl Acetate	6.47	43	307367	48.77	ug/l	99
44) Trichloroethene	7.21	130	127172	48.44	ug/l	97
45) 1,2-Dichloropropane	7.52	63	125695	49.22	ug/l	98
46) Dibromomethane	7.67	93	85622	49.46	ug/l	98
47) Bromodichloromethane	7.90	83	159153	50.83	ug/l	98
48) Methyl methacrylate	7.78	41	158467	50.06	ug/l	99
49) 1,4-Dioxane	7.76	88	59009	996.98	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1017975	259.39	ug/l	100
52) Toluene	8.79	92	298764	49.66	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	183029	48.75	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	171693	48.47	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	130550	52.76	ug/l	99
56) Ethyl methacrylate	9.18	69	198789	50.32	ug/l	99
57) 1,3-Dichloropropane	9.38	76	212434	51.17	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	474980	259.76	ug/l	100
59) 2-Hexanone	9.50	43	778180	256.72	ug/l	99
60) Dibromochloromethane	9.59	129	131800	52.95	ug/l	99
61) 1,2-Dibromoethane	9.68	107	135783	52.63	ug/l	98
64) Tetrachloroethene	9.34	164	136768	45.29	ug/l	99
65) Chlorobenzene	10.14	112	353148	48.46	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	129825	49.20	ug/l	98
67) Ethyl Benzene	10.26	91	593095	48.64	ug/l	99
68) m/p-Xylenes	10.37	106	463929	97.87	ug/l	98
69) o-Xylene	10.70	106	233539	49.51	ug/l	97
70) Styrene	10.71	104	394776	51.19	ug/l	99
71) Bromoform	10.86	173	101923	43.61	ug/l	100
73) Isopropylbenzene	11.02	105	613006	45.46	ug/l	100
74) N-amyl acetate	6.47	43	307367	42.31	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	198299	46.76	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	225138	52.93	ug/l	80
77) Bromobenzene	11.26	156	175049	46.24	ug/l	98
78) n-propylbenzene	11.37	91	699114	46.65	ug/l	100
79) 2-Chlorotoluene	11.43	91	425866	45.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	533012	46.09	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	48497	39.97	ug/l	95
82) 4-Chlorotoluene	11.51	91	503144	46.06	ug/l	99
83) tert-Butylbenzene	11.77	119	515790	45.80	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	551007	46.28	ug/l	98
85) sec-Butylbenzene	11.95	105	624356	47.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	568885	47.30	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	319969	47.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	327087	46.88	ug/l	99
89) n-Butylbenzene	12.39	91	490760	48.66	ug/l	99
90) Hexachloroethane	12.60	117	84485	44.01	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	331758	47.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44143	47.60	ug/l	99

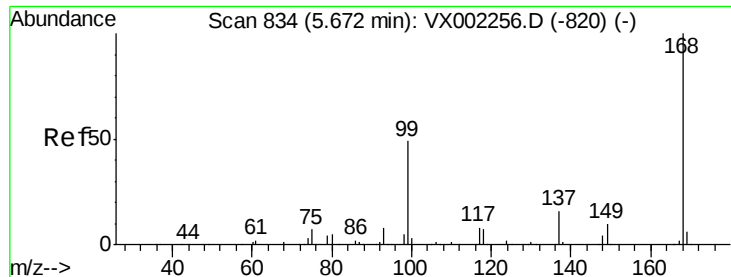
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	234792	47.82	ug/l	99
94) Hexachlorobutadiene	13.79	225	115235	47.49	ug/l	99
95) Naphthalene	13.84	128	690327	48.93	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	243303	48.58	ug/l	100

(#) = 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: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

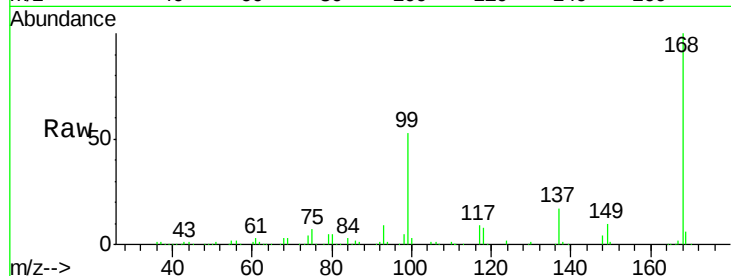
ClientSampled :

Tot Ion:168 Resp: 188462

Ion Ratio Lower Upper

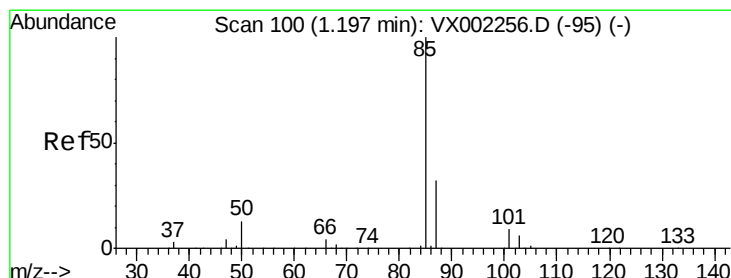
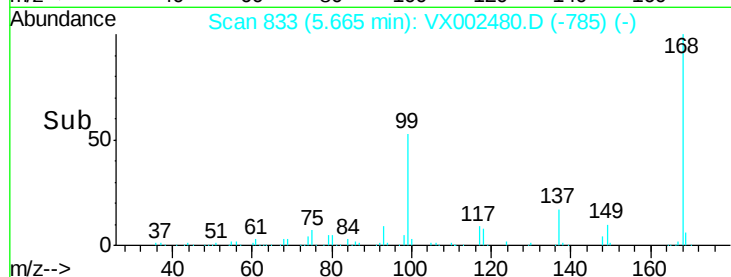
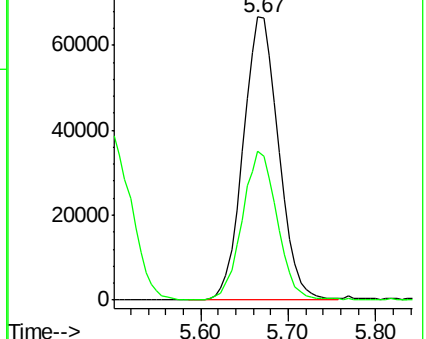
168 100

99 52.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.63 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002480.D

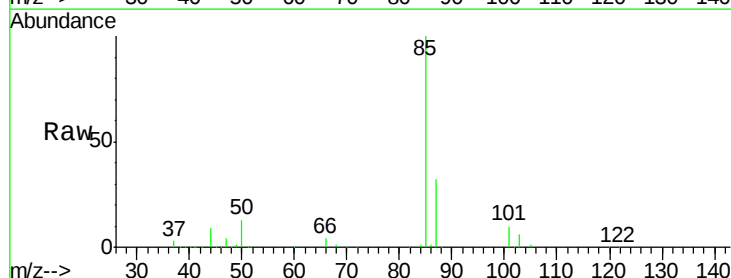
Acq: 12 Jun 2018 21:18

Tgt Ion: 85 Resp: 81564

Ion Ratio Lower Upper

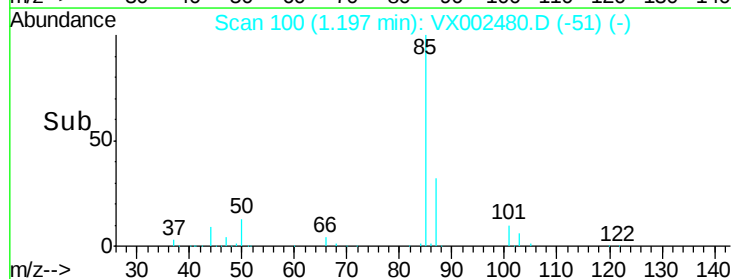
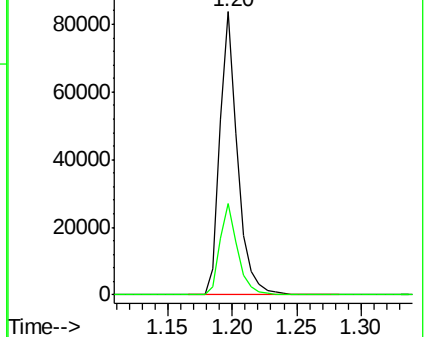
85 100

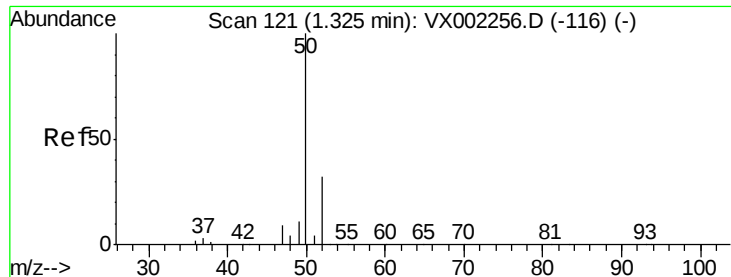
87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.05 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

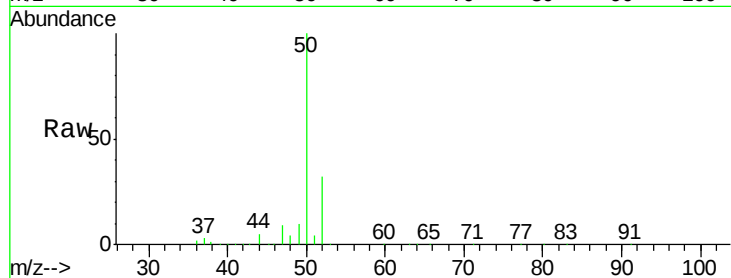
ClientSampled :

Tot Ion: 50 Resp: 110239

Ion Ratio Lower Upper

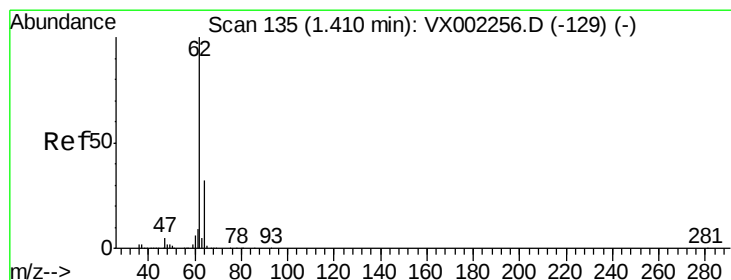
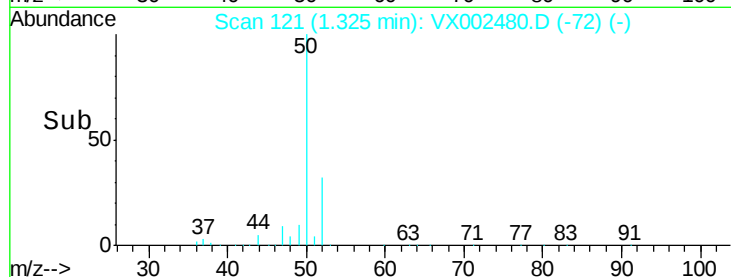
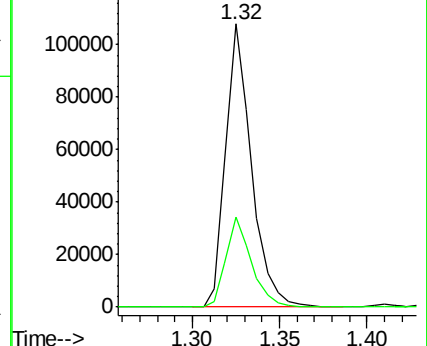
50 100

52 31.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.46 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002480.D

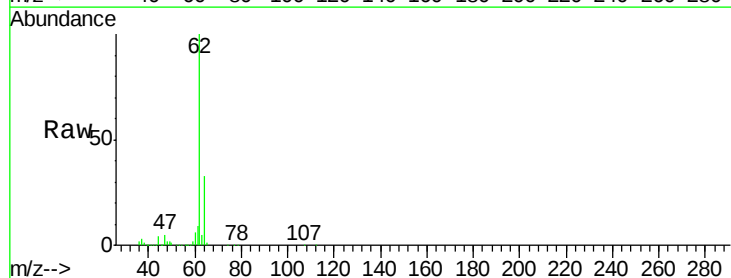
Acq: 12 Jun 2018 21:18

Tgt Ion: 62 Resp: 119649

Ion Ratio Lower Upper

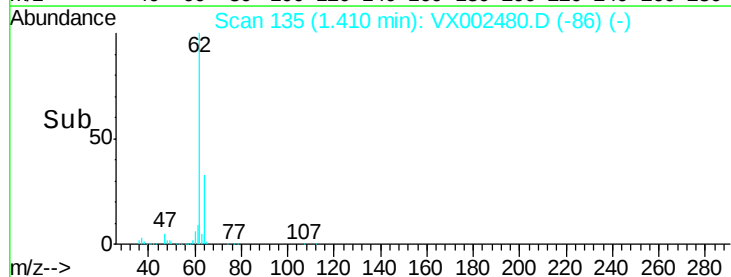
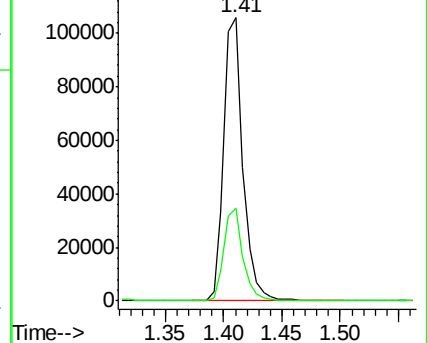
62 100

64 32.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.55 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

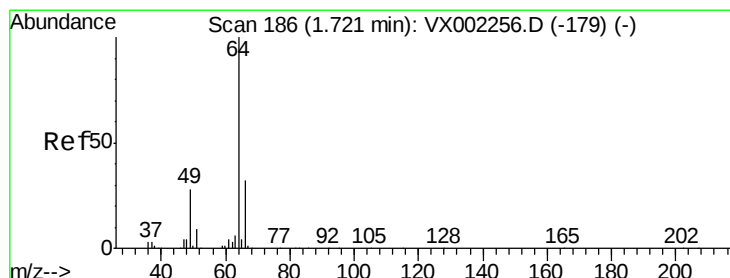
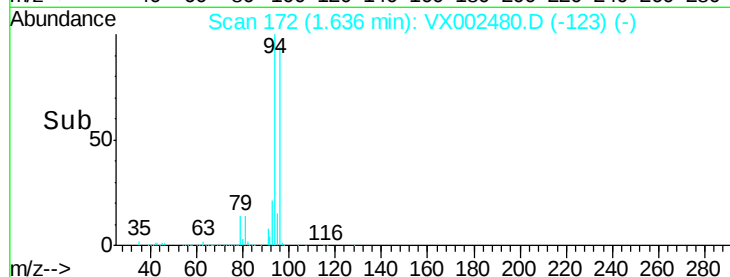
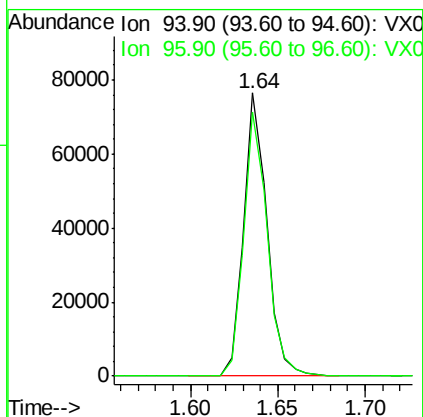
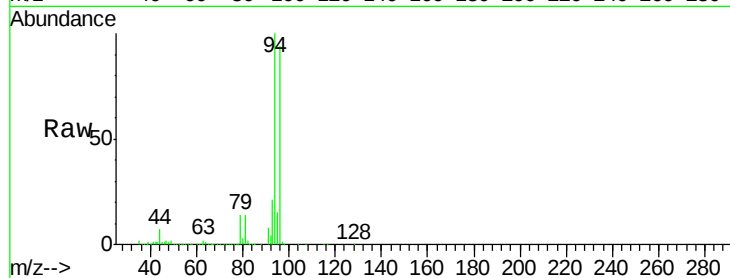
ClientSampleId :

Tot Ion: 94 Resp: 70582

Ion Ratio Lower Upper

94 100

96 93.6 74.9 112.3



#6

Chloroethane

Concen: 52.82 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002480.D

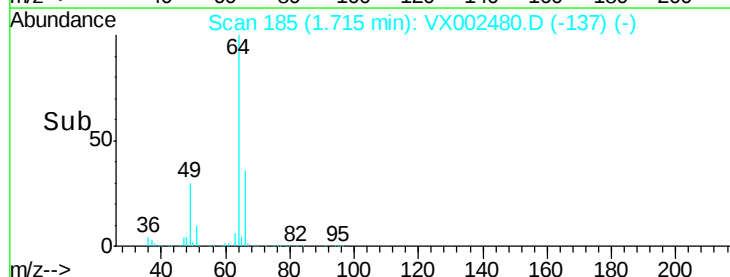
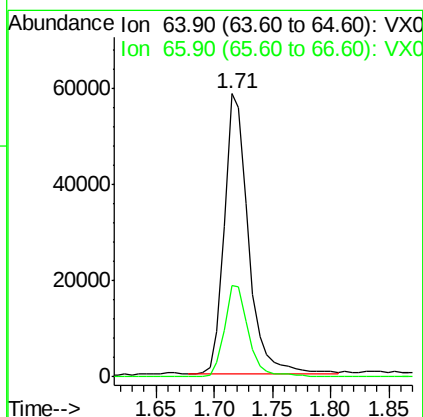
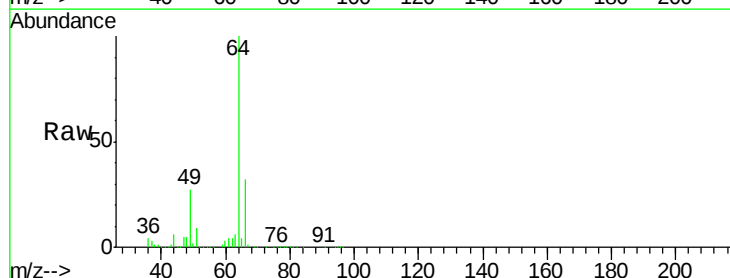
Acq: 12 Jun 2018 21:18

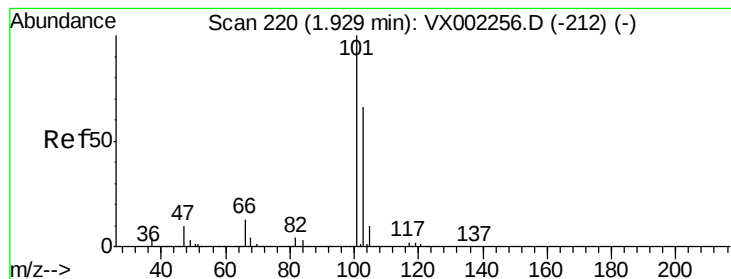
Tgt Ion: 64 Resp: 84359

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



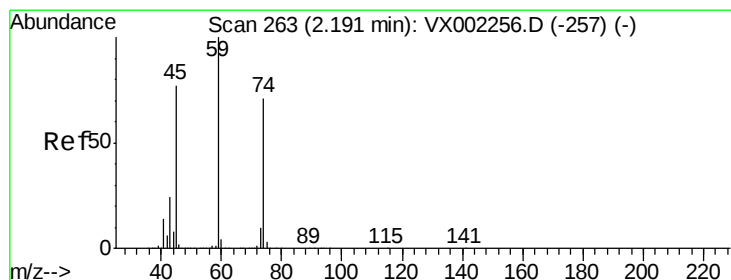
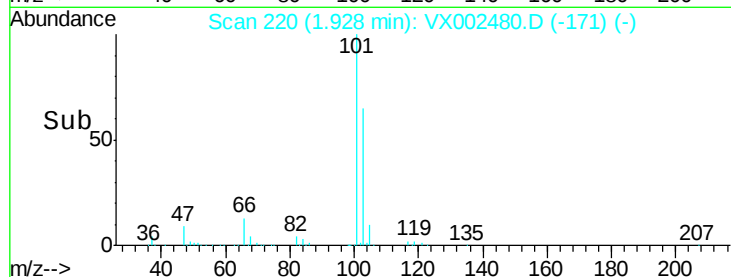
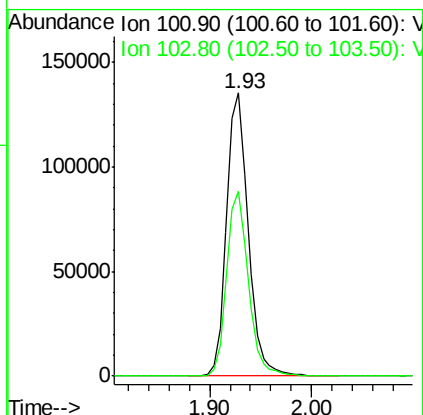
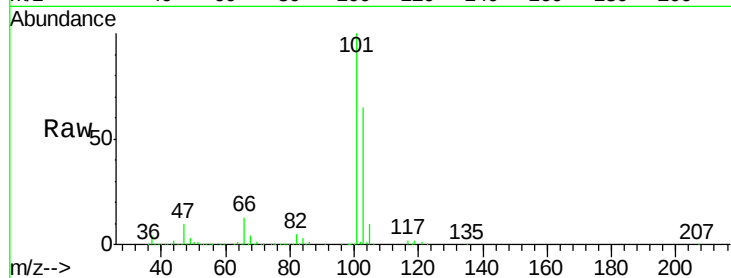


#7

Trichlorofluoromethane
 Concen: 52.90 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :

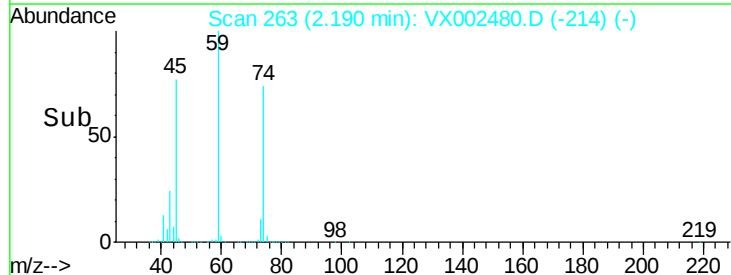
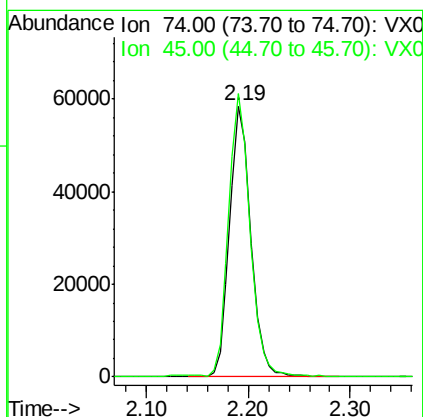
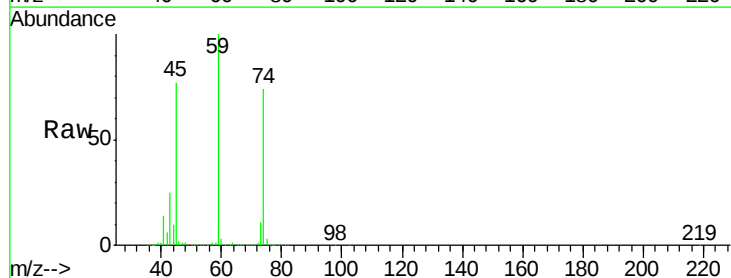
Tot Ion:101 Resp: 199005
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.8 79.2

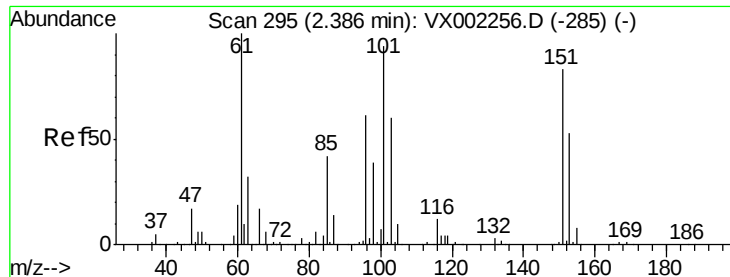


#8

Diethyl Ether
 Concen: 63.53 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

Tgt Ion: 74 Resp: 84070
 Ion Ratio Lower Upper
 74 100
 45 105.5 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.87 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

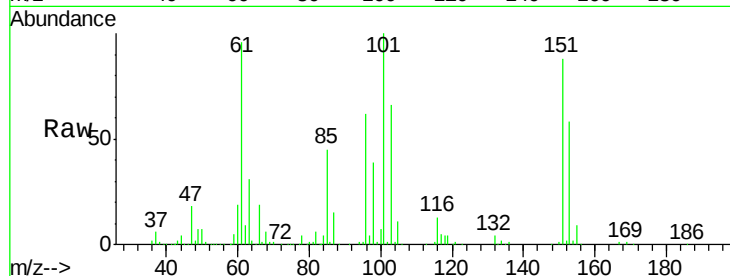
Tot Ion:101 Resp: 109356

Ion Ratio Lower Upper

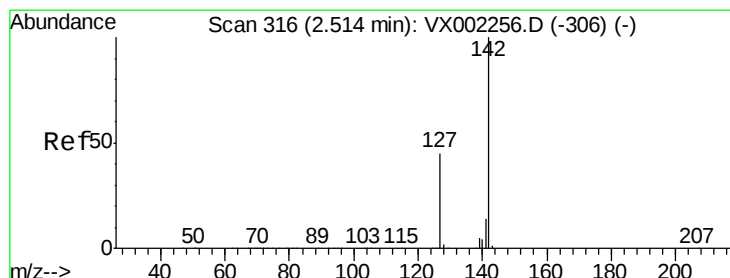
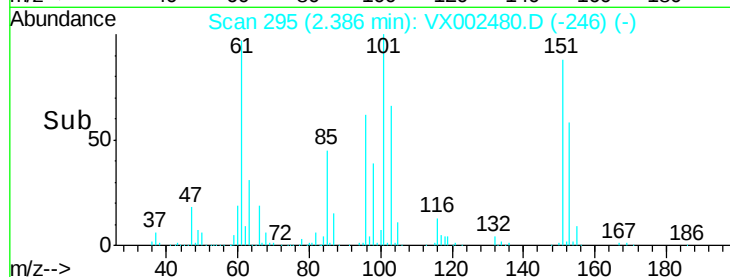
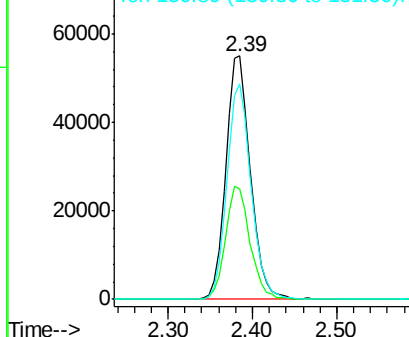
101 100

85 46.4 36.0 54.0

151 87.5 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: 43.65 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

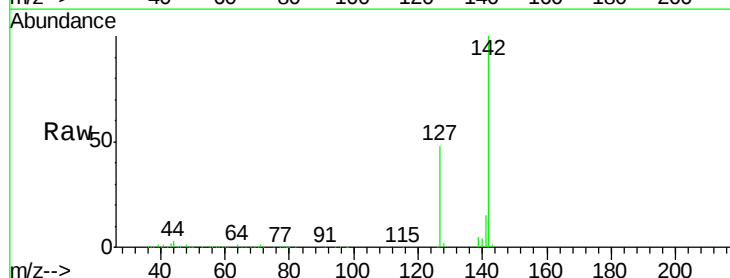
Tgt Ion:142 Resp: 124644

Ion Ratio Lower Upper

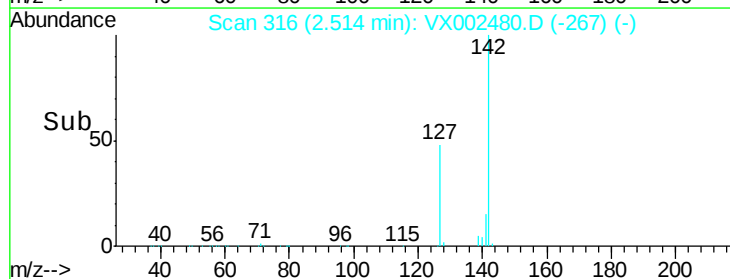
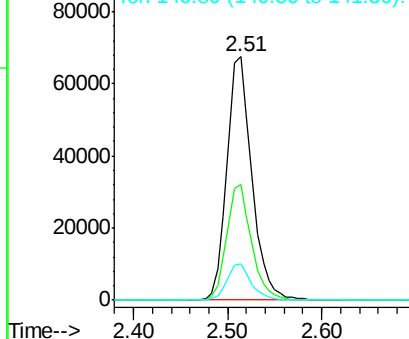
142 100

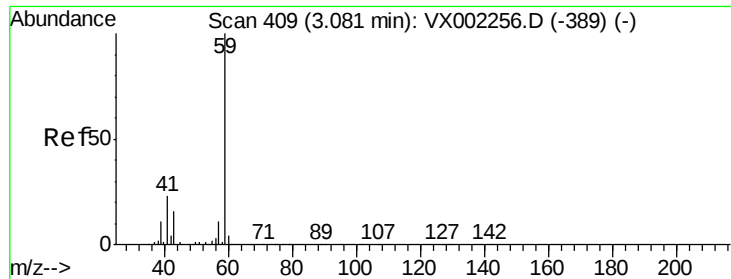
127 47.0 36.6 55.0

141 14.7 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



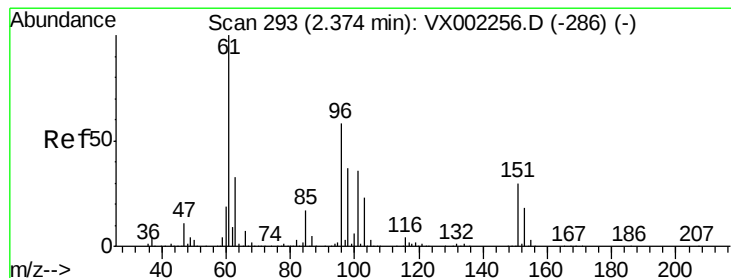
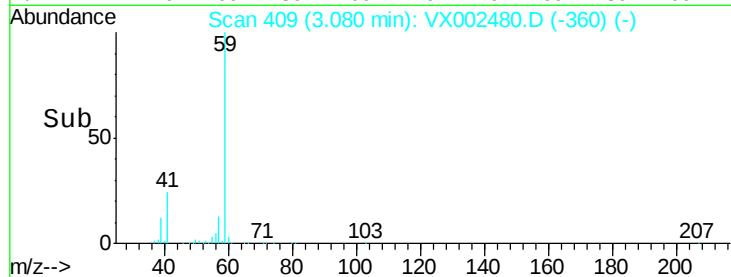
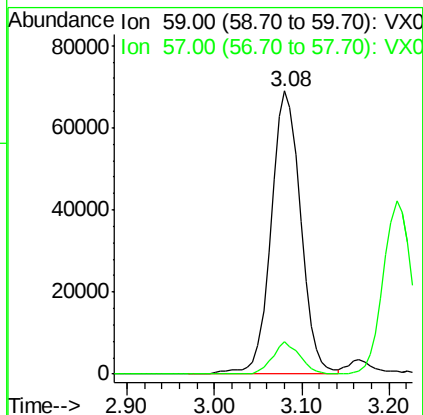
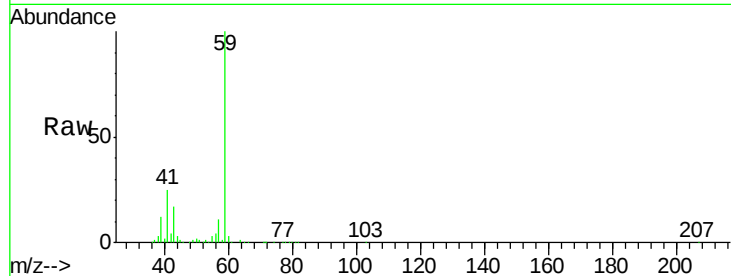


#11

Tert butyl alcohol
Concen: 297.97 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :

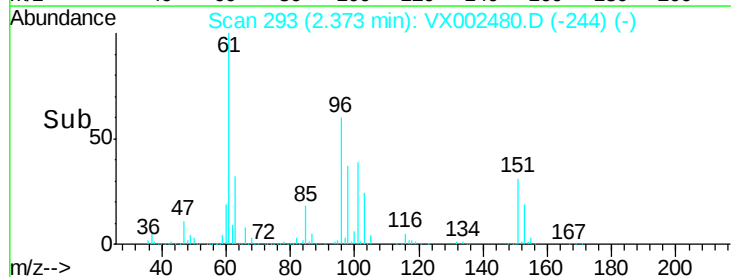
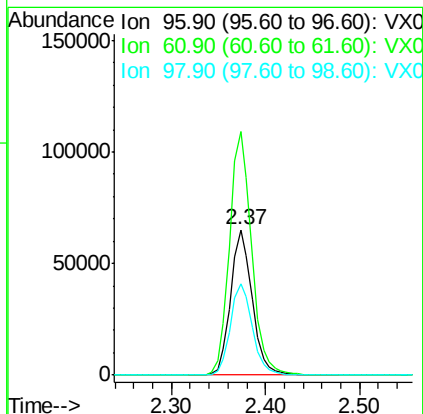
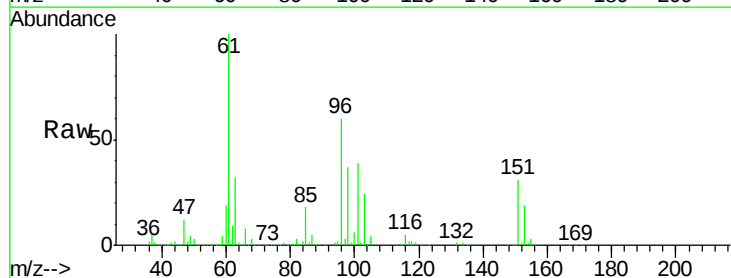
Tot Ion: 59 Resp: 162481
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

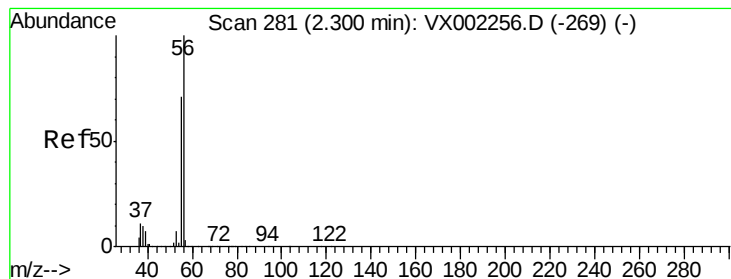


#12

1,1-Dichloroethene
Concen: 51.89 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion: 96 Resp: 104114
Ion Ratio Lower Upper
96 100
61 167.9 137.9 206.9
98 62.9 51.6 77.4





#13

Acrolein

Concen: 238.47 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

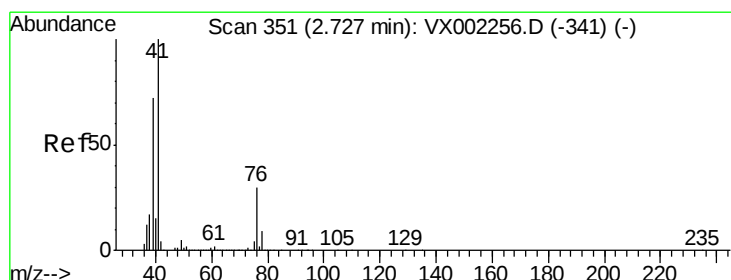
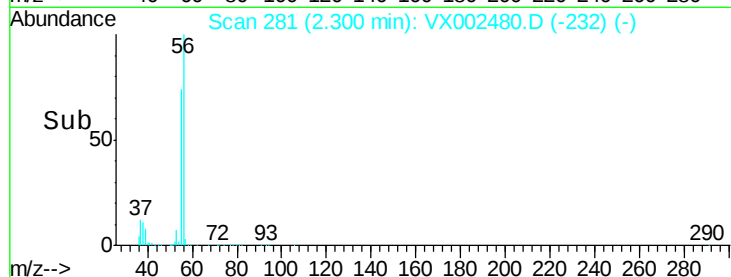
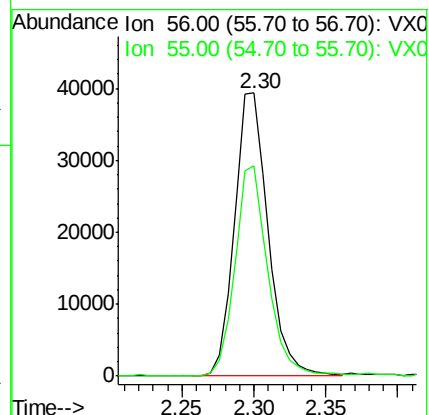
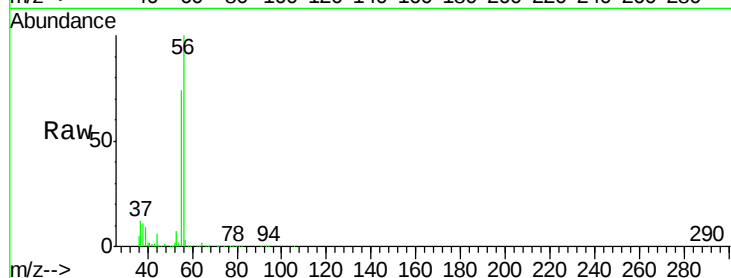
ClientSampleId :

Tot Ion: 56 Resp: 63932

Ion Ratio Lower Upper

56 100

55 72.2 57.0 85.4



#14

Allyl chloride

Concen: 50.93 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

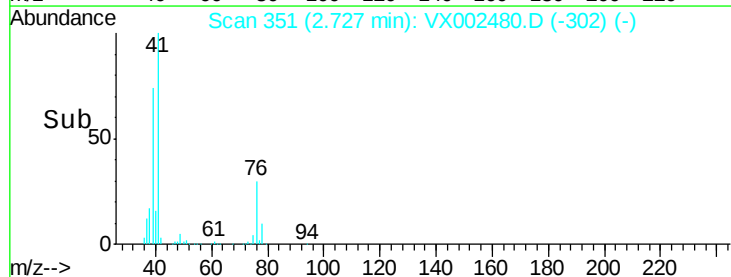
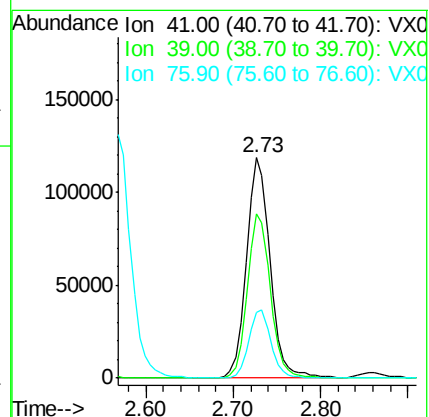
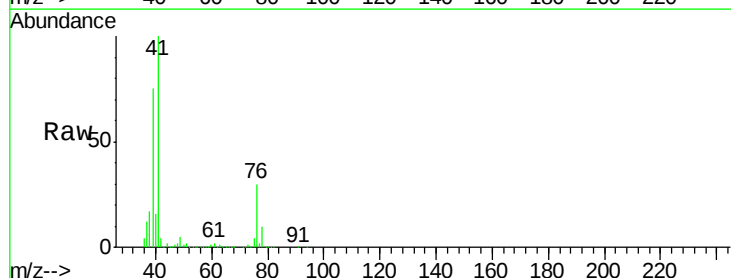
Tgt Ion: 41 Resp: 221766

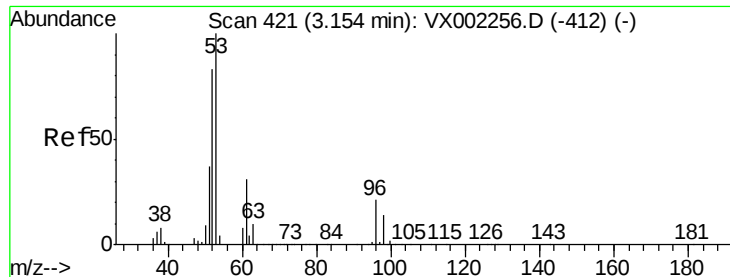
Ion Ratio Lower Upper

41 100

39 72.5 56.8 85.2

76 29.3 23.8 35.8





#15

Acrylonitrile

Concen: 322.18 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

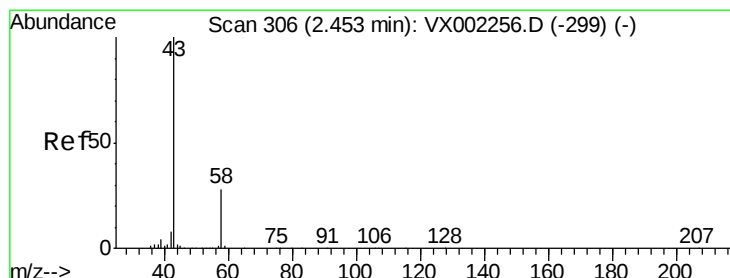
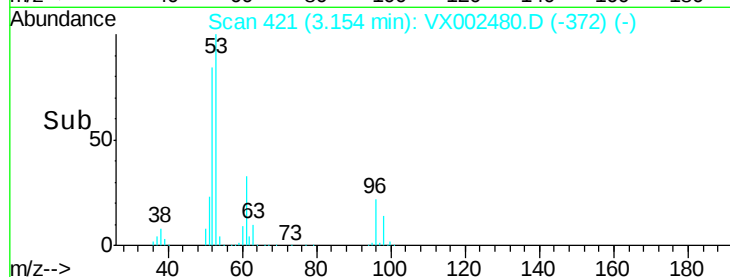
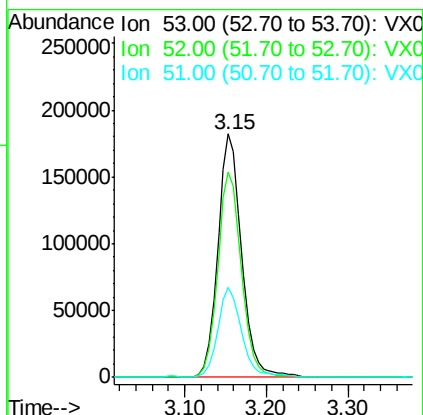
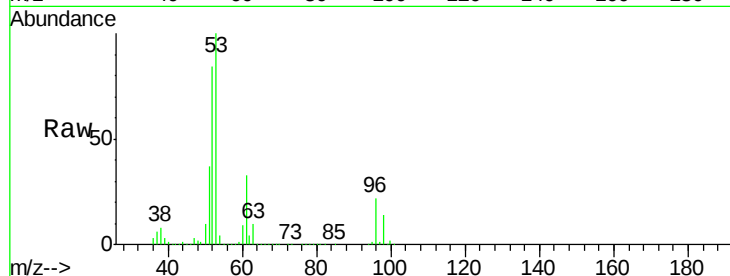
Tot Ion: 53 Resp: 366327

Ion Ratio Lower Upper

53 100

52 84.0 66.7 100.1

51 37.2 29.9 44.9



#16

Acetone

Concen: 297.60 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002480.D

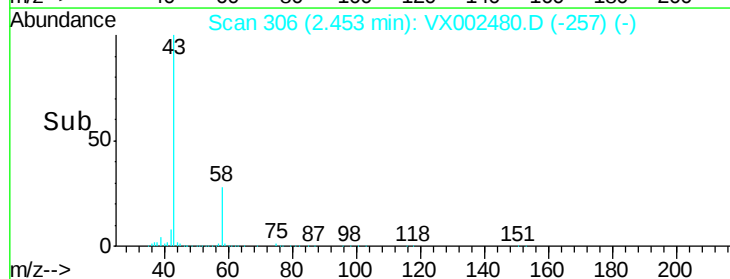
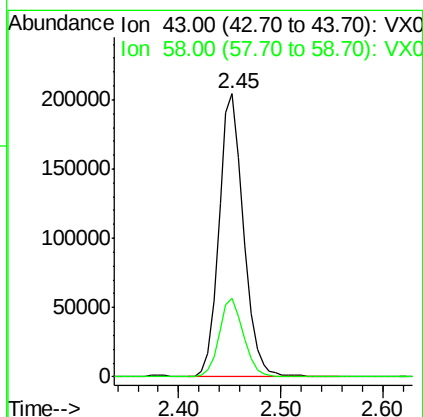
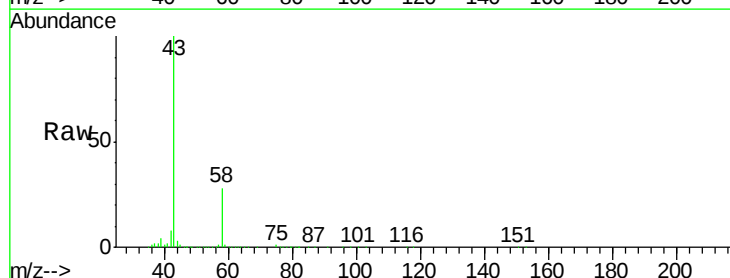
Acq: 12 Jun 2018 21:18

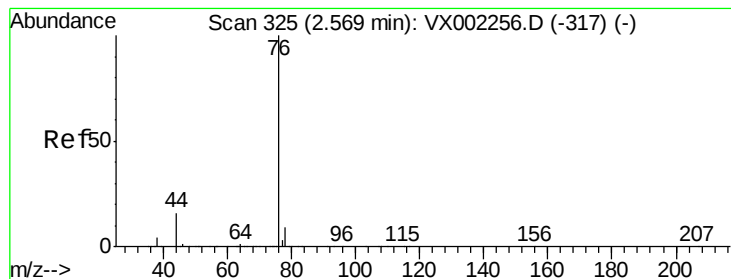
Tgt Ion: 43 Resp: 340706

Ion Ratio Lower Upper

43 100

58 27.8 22.1 33.1





#17

Carbon Disulfide

Concen: 43.02 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

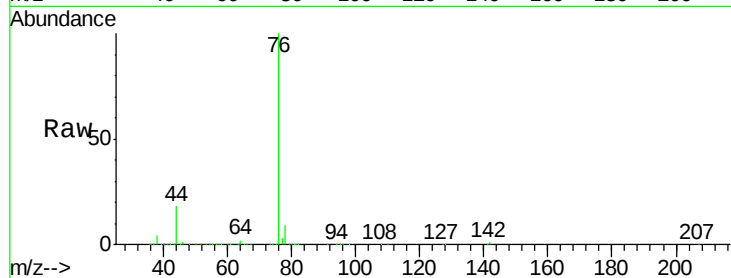
ClientSampleId :

Tot Ion: 76 Resp: 227506

Ion Ratio Lower Upper

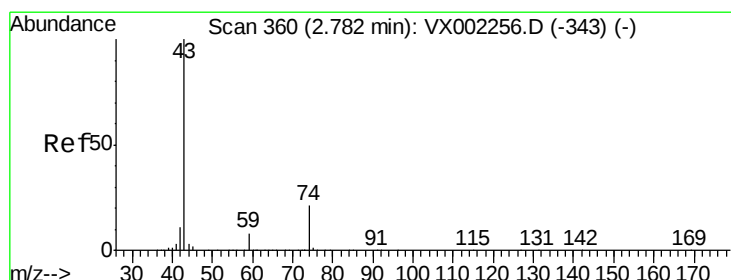
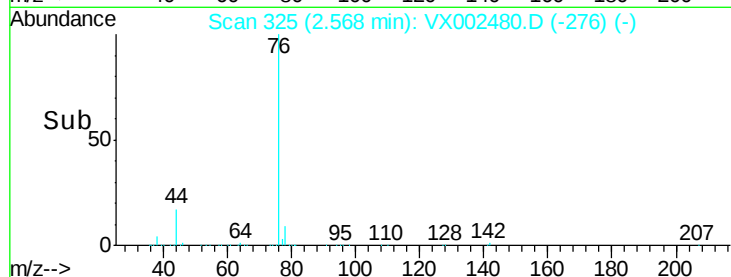
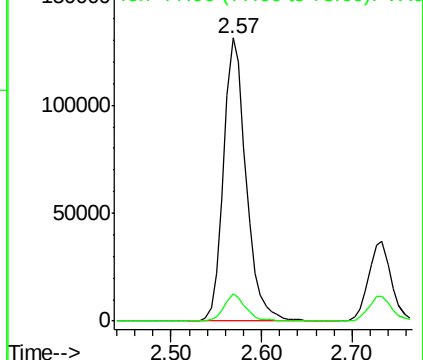
76 100

78 9.4 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 66.88 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002480.D

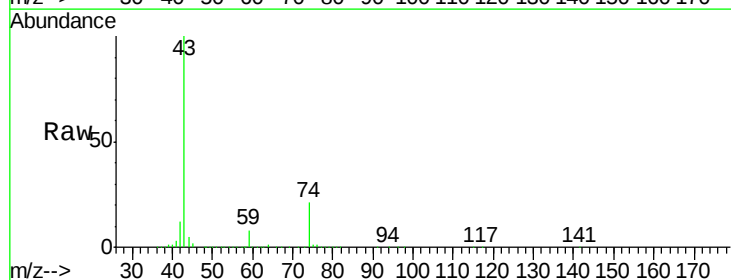
Acq: 12 Jun 2018 21:18

Tgt Ion: 43 Resp: 178105

Ion Ratio Lower Upper

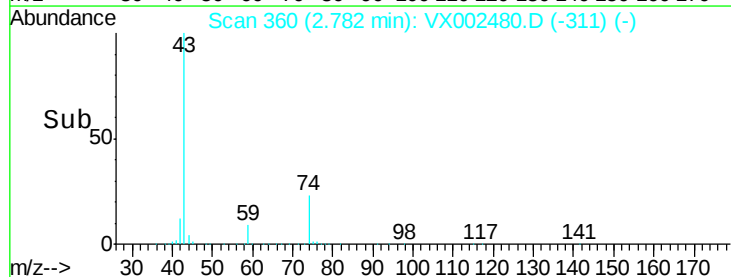
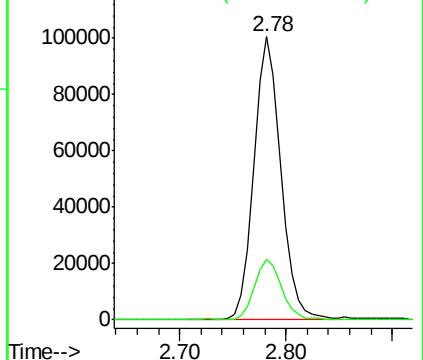
43 100

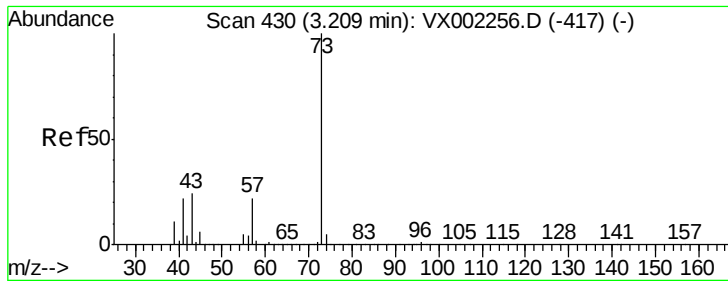
74 21.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

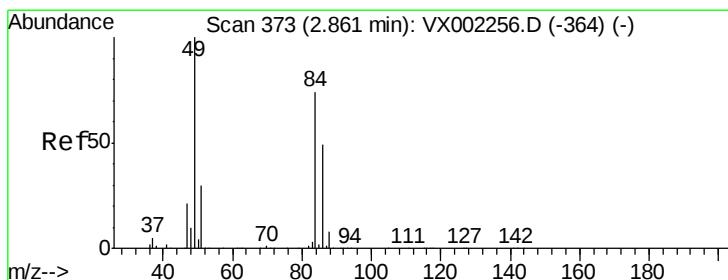
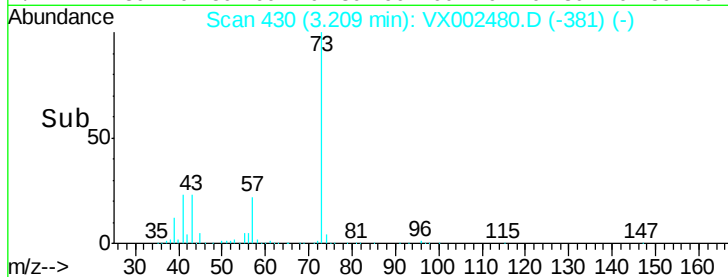
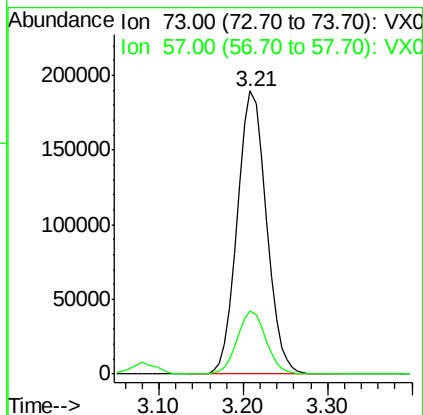
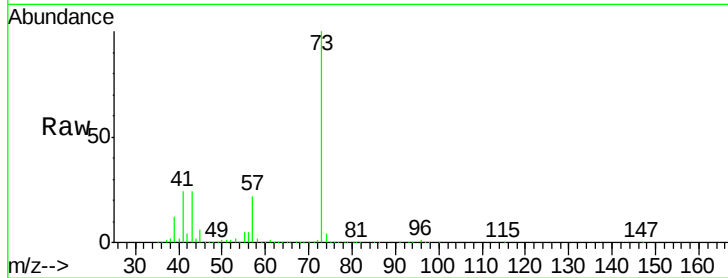




#19
Methvl tert-butvl Ether
Concen: 63.98 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

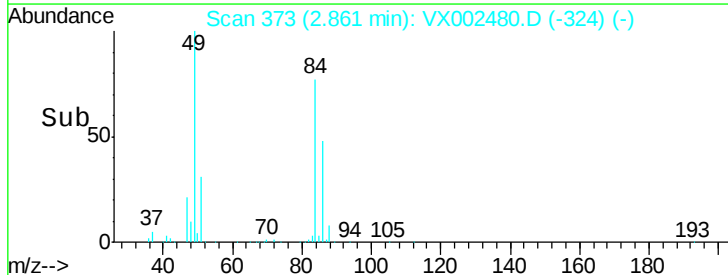
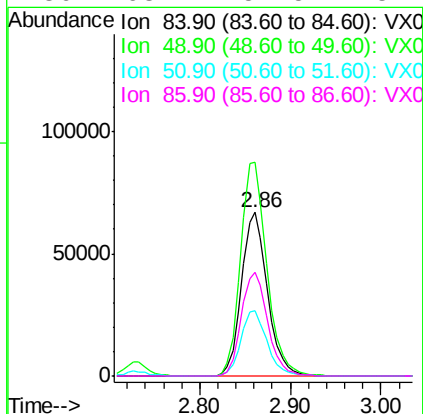
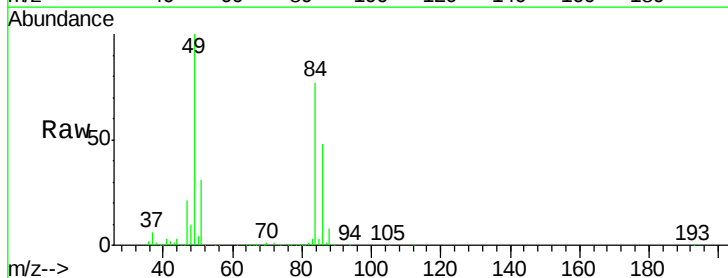
Instrument :
MSVOA_X
ClientSampleId :

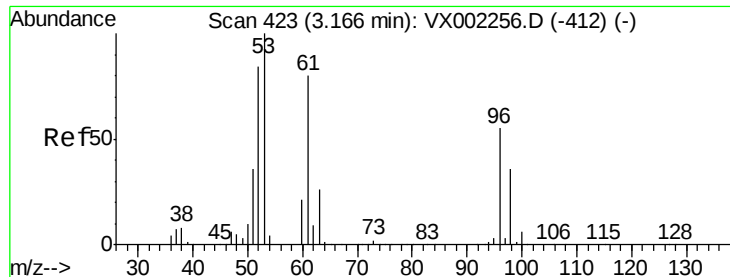
Tot Ion: 73 Resp: 442318
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 62.93 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion: 84 Resp: 132571
Ion Ratio Lower Upper
84 100
49 130.3 107.8 161.6
51 39.9 32.8 49.2
86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 52.38 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

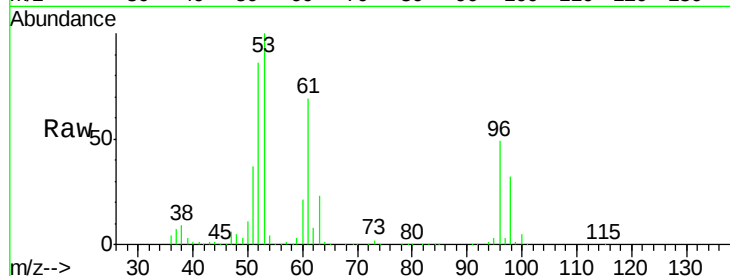
Tot Ion: 96 Resp: 115890

Ion Ratio Lower Upper

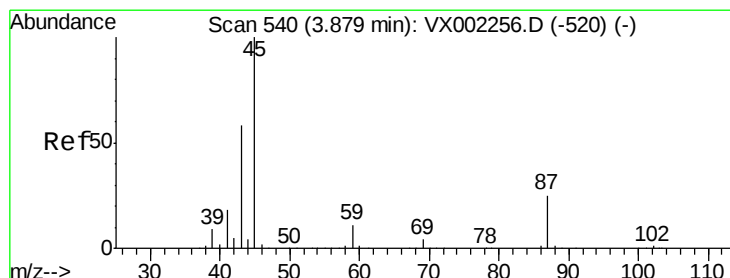
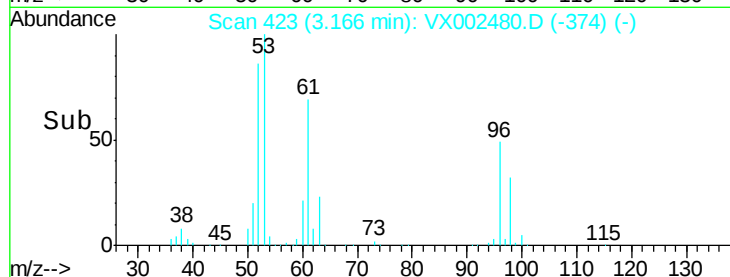
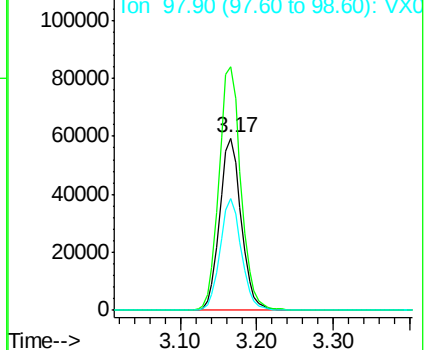
96 100

61 141.2 117.0 175.4

98 65.2 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: 56.26 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Tgt Ion: 45 Resp: 407880

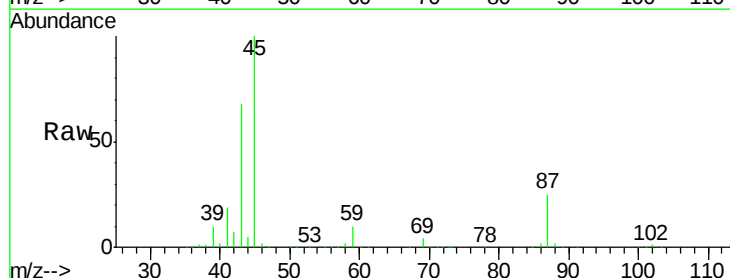
Ion Ratio Lower Upper

45 100

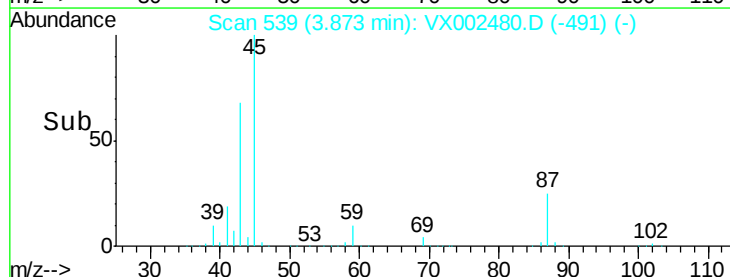
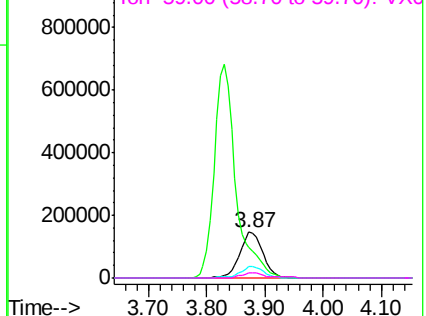
43 68.2 46.8 70.2

87 24.6 20.2 30.4

59 10.1 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

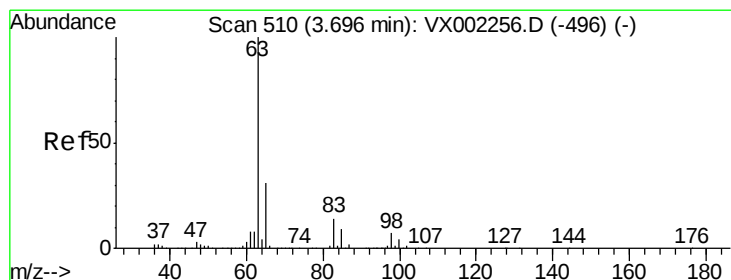
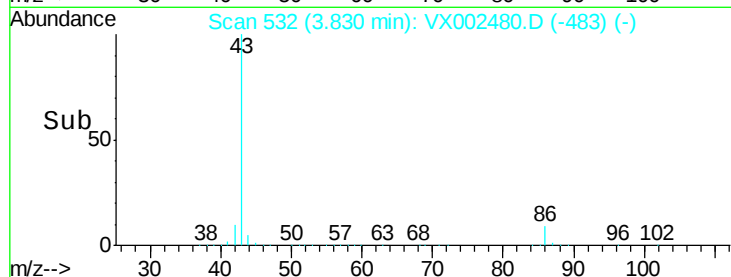
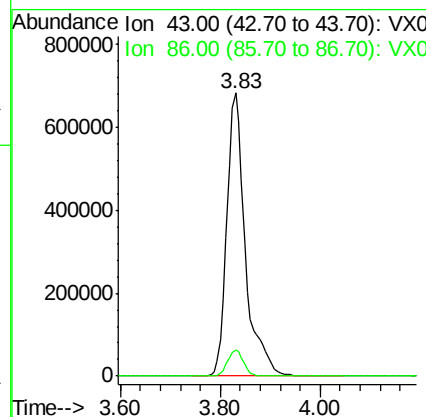
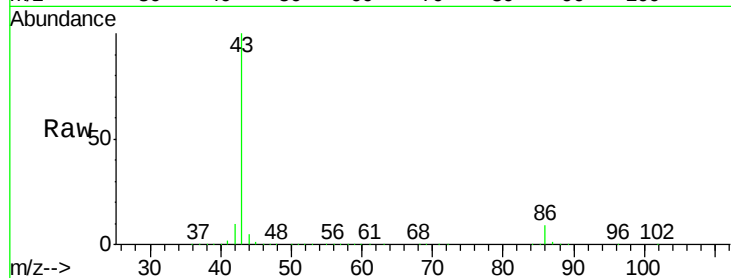




#23
 Vinyl Acetate
 Concen: 248.76 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

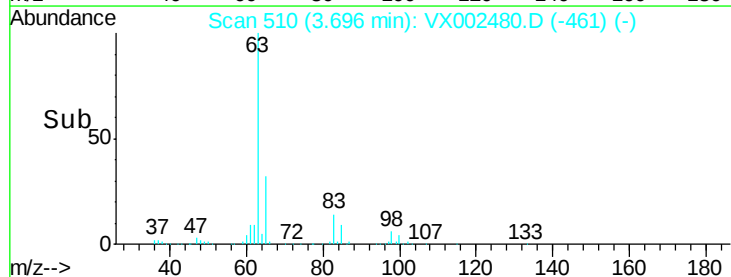
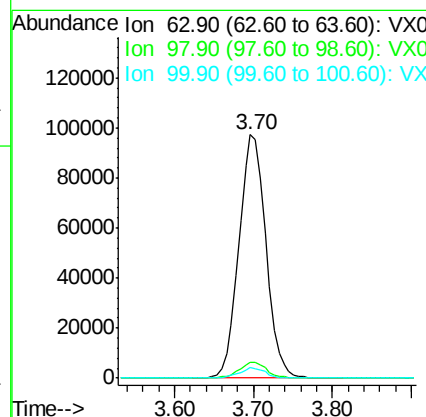
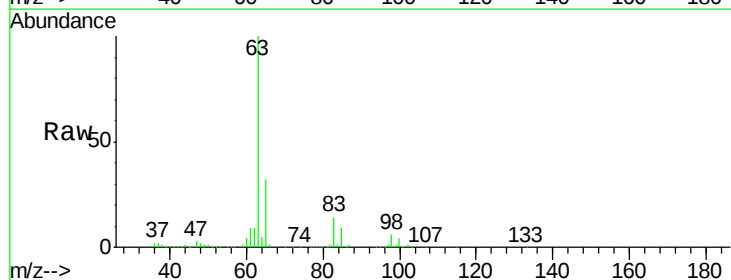
Instrument :
 MSVOA_X
 ClientSampleId :

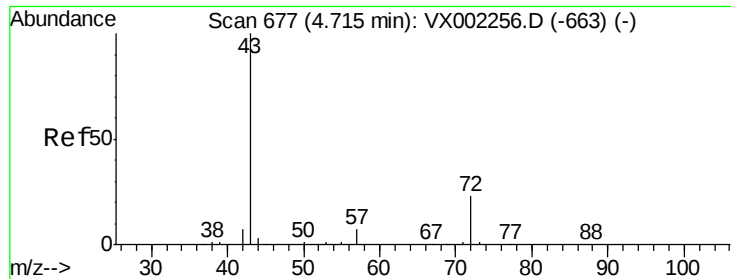
Tot Ion: 43 Resp: 1755821
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 53.93 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

Tgt Ion: 63 Resp: 232064
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 247.38 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

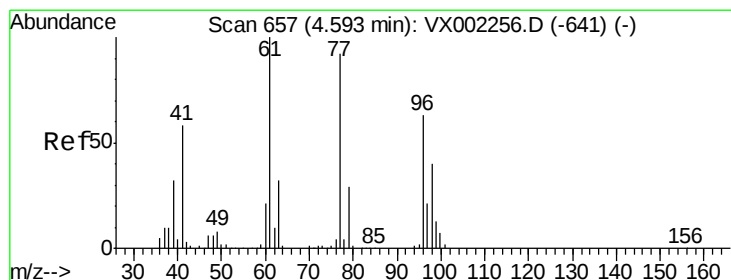
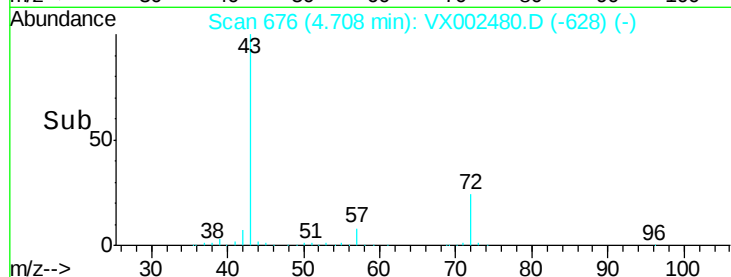
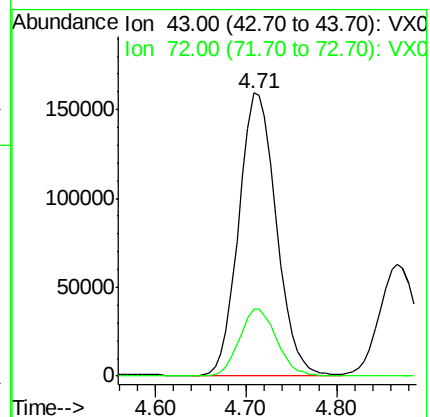
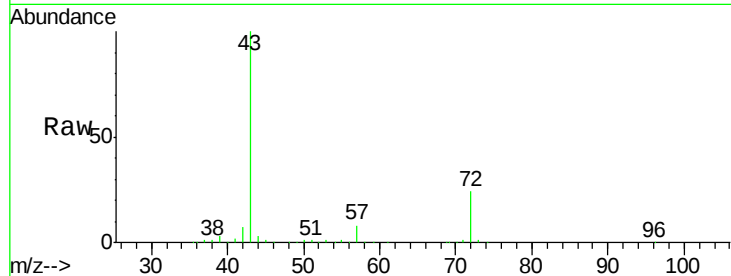
ClientSampleId :

Tot Ion: 43 Resp: 457128

Ion Ratio Lower Upper

43 100

72 23.5 18.5 27.7



#26

2,2-Dichloropropane

Concen: 39.02 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002480.D

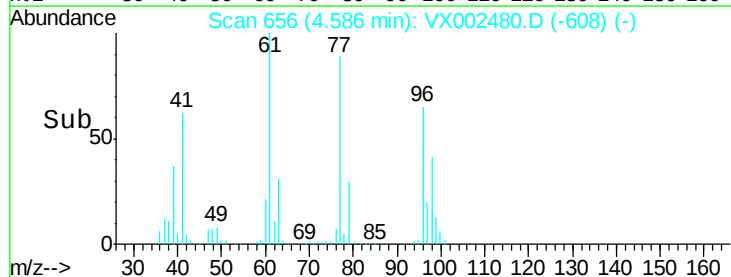
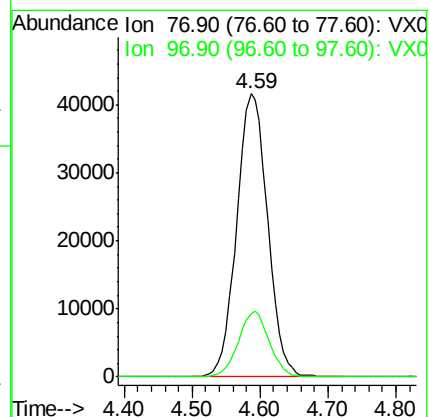
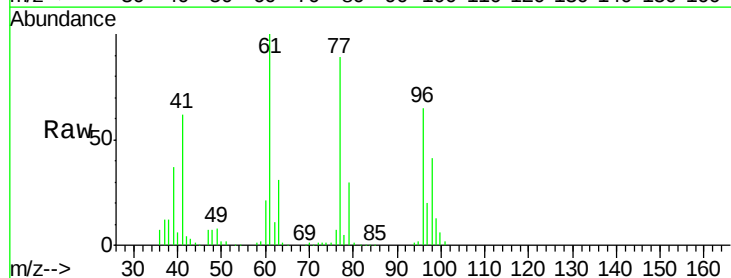
Acq: 12 Jun 2018 21:18

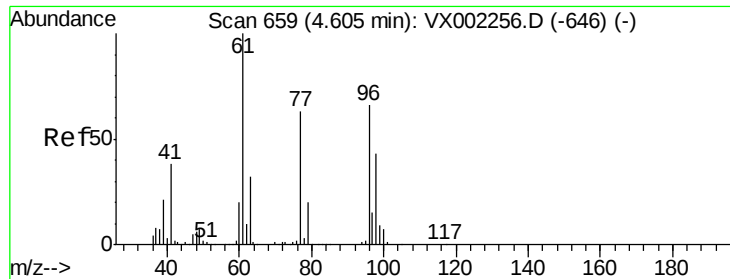
Tgt Ion: 77 Resp: 131256

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5



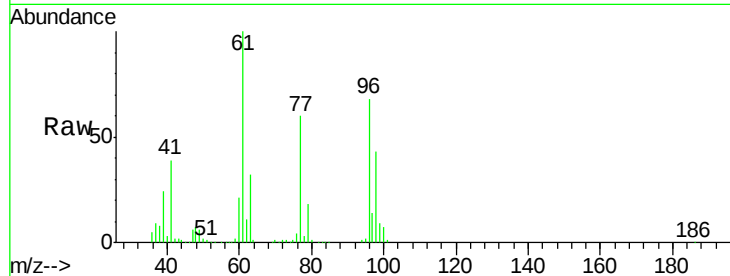


#27

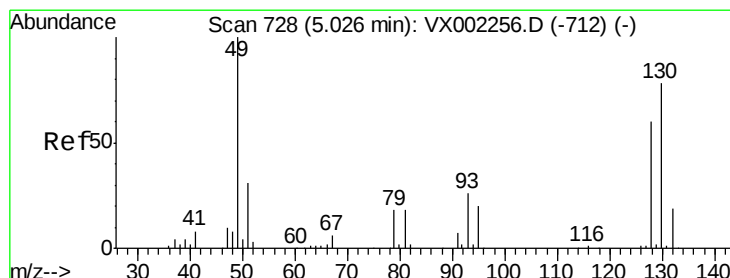
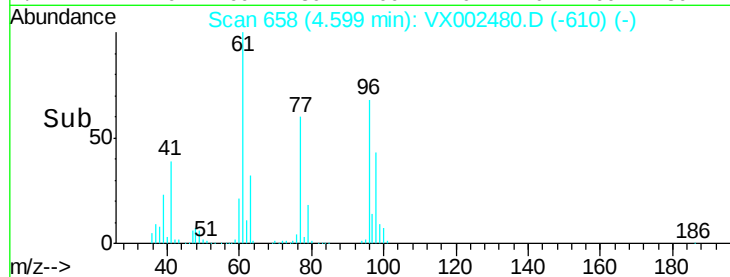
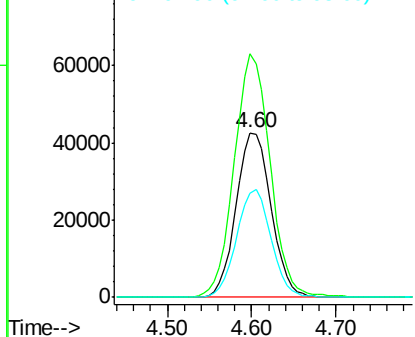
cis-1,2-Dichloroethene
Concen: 49.81 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.1	0.0	330.2
98	64.6	0.0	130.2



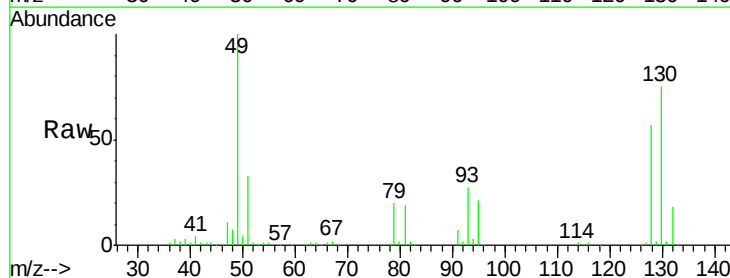
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



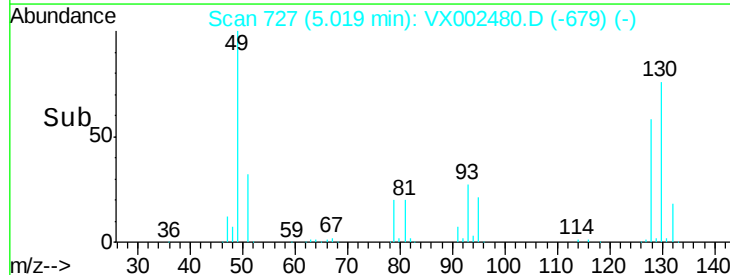
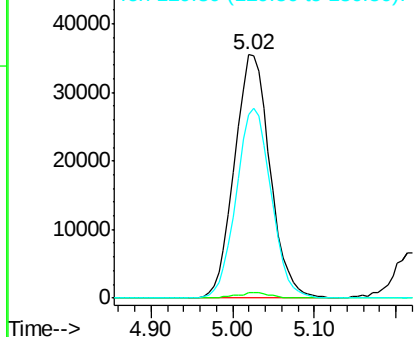
#28

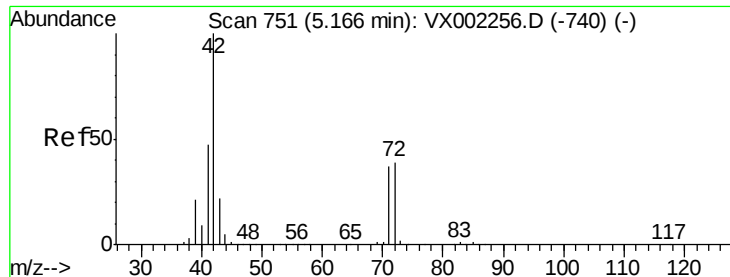
Bromochloromethane
Concen: 59.05 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	77.1	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

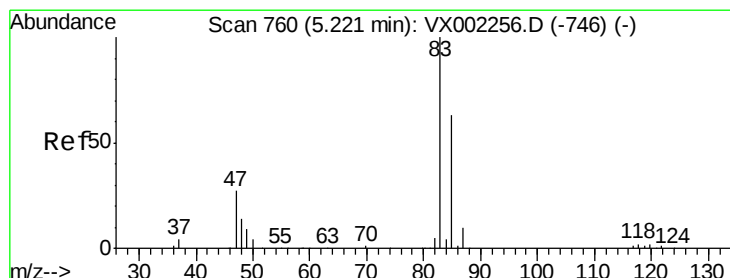
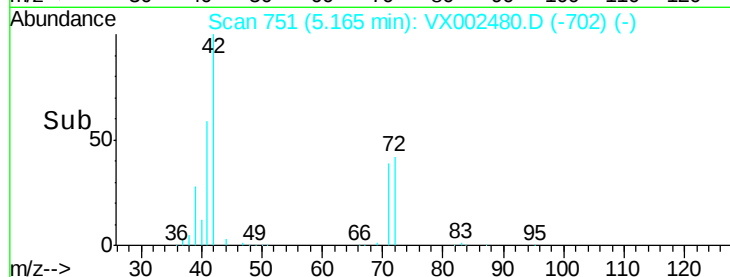
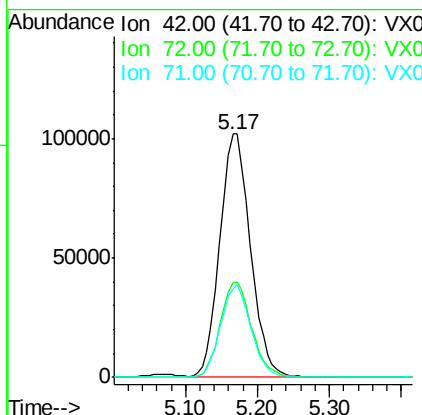
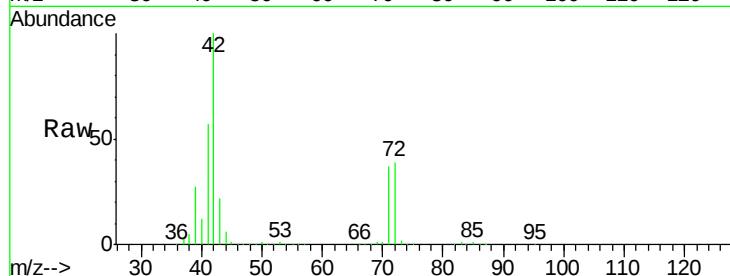




#29
Tetrahydrofuran
Concen: 252.95 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

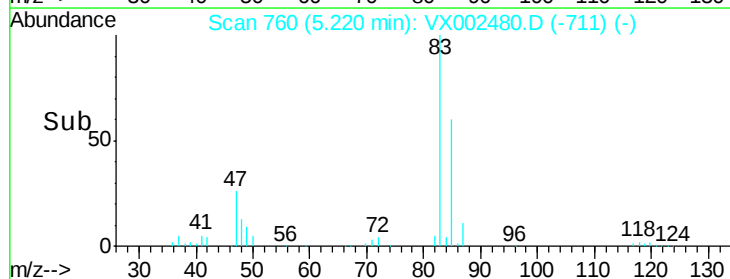
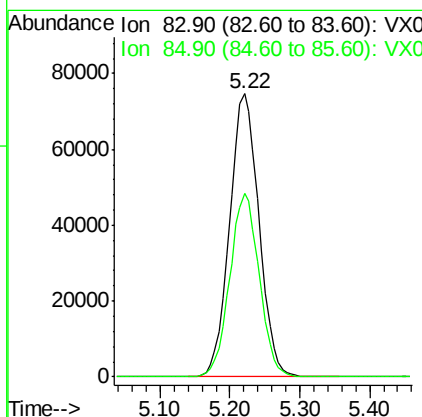
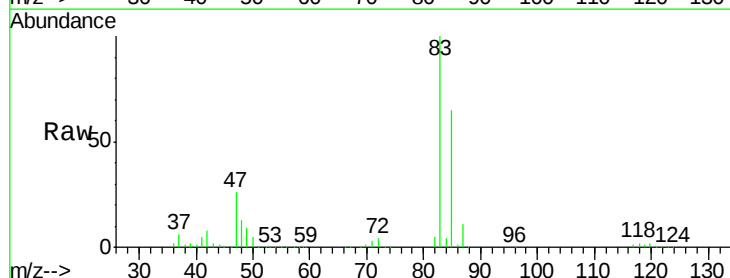
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 42 Resp: 301357
Ion Ratio Lower Upper
42 100
72 40.3 32.0 48.0
71 37.9 30.1 45.1



#30
Chloroform
Concen: 52.43 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion: 83 Resp: 217723
Ion Ratio Lower Upper
83 100
85 64.9 50.4 75.6





#31

Cyclohexane

Concen: 44.95 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampled :

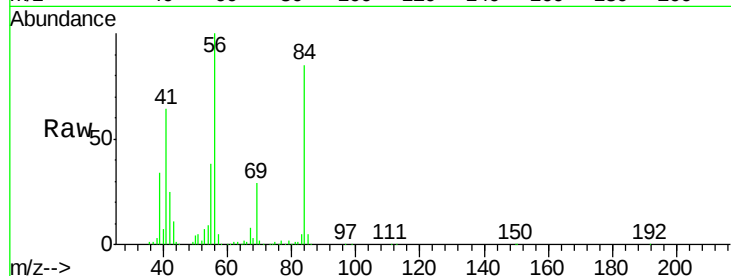
Tot Ion: 56 Resp: 152959

Ion Ratio Lower Upper

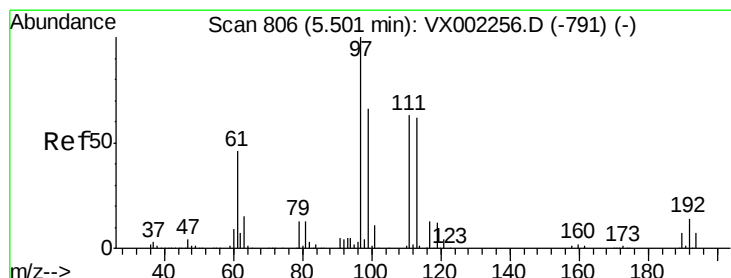
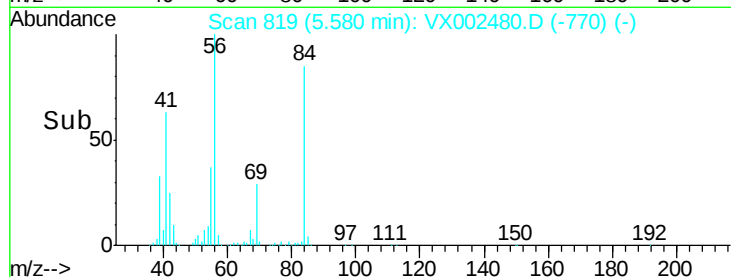
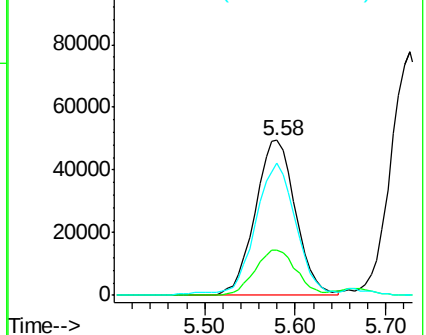
56 100

69 29.3 23.7 35.5

84 83.5 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: 50.65 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

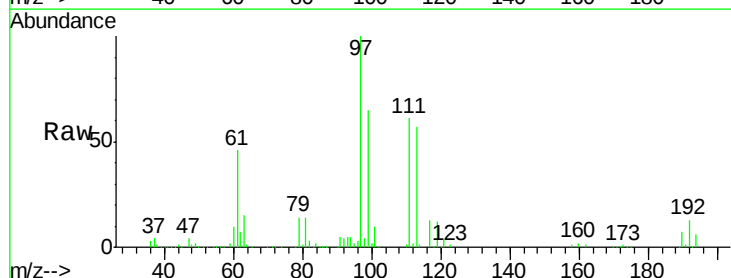
Tgt Ion: 97 Resp: 178389

Ion Ratio Lower Upper

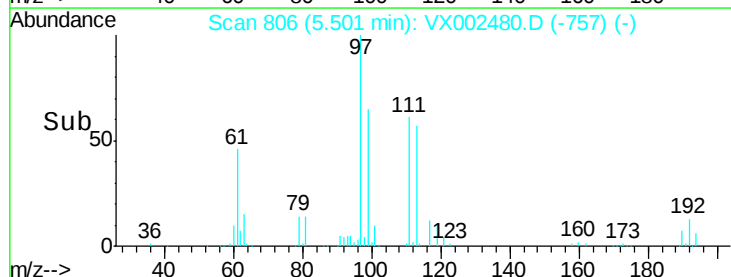
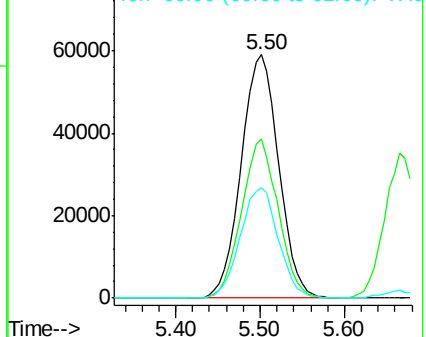
97 100

99 63.6 51.6 77.4

61 46.2 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: 51.44 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

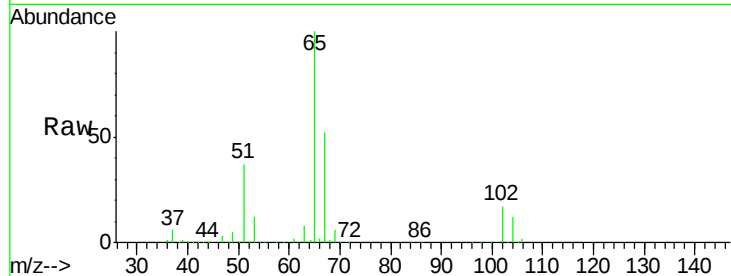
ClientSampled :

Tot Ion: 65 Resp: 138374

Ion Ratio Lower Upper

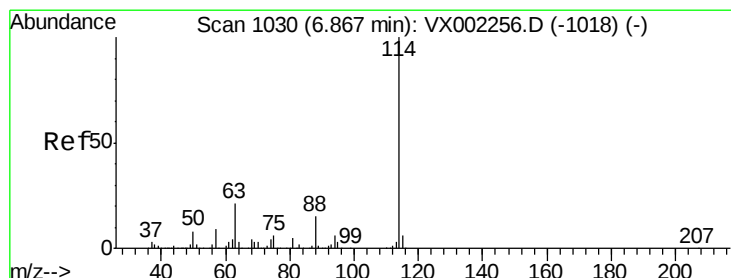
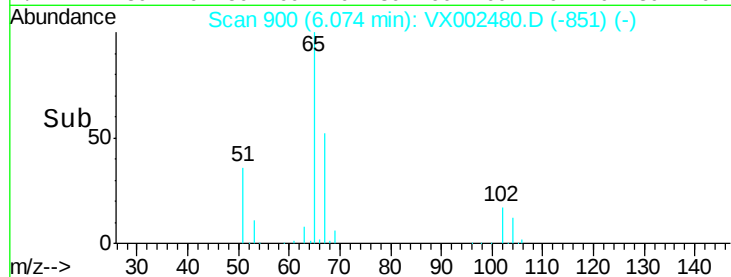
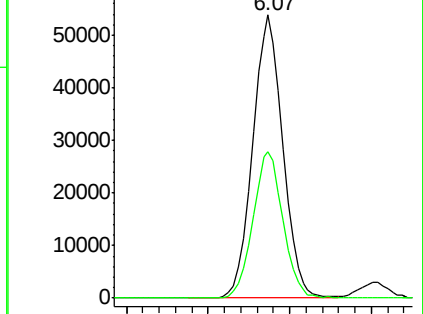
65 100

67 51.6 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: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

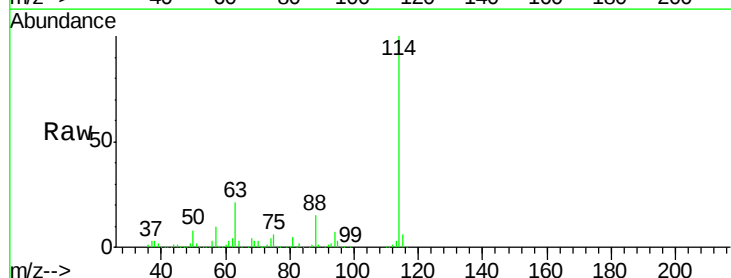
Tgt Ion: 114 Resp: 293466

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

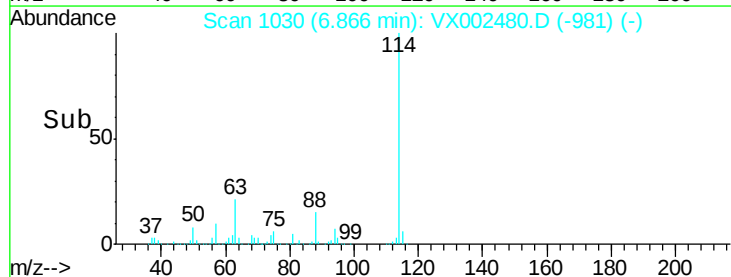
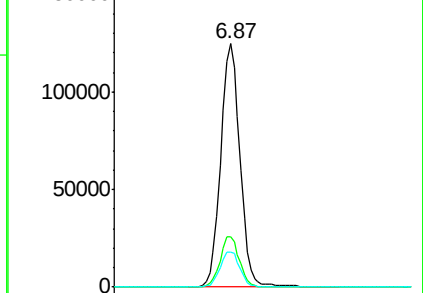
88 14.6 0.0 30.0

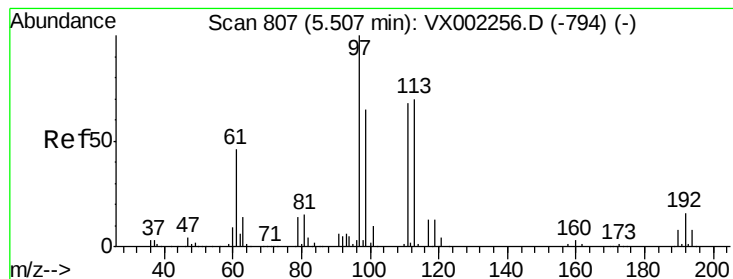


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.77 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

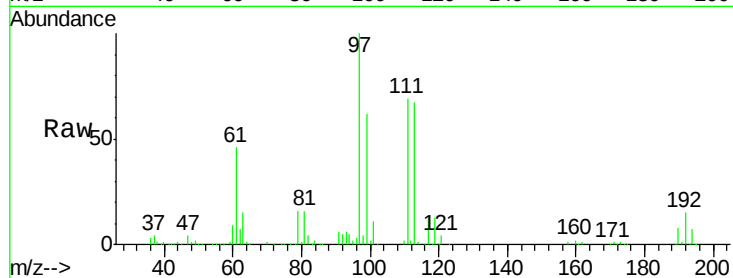
Tot Ion:113 Resp: 105635

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

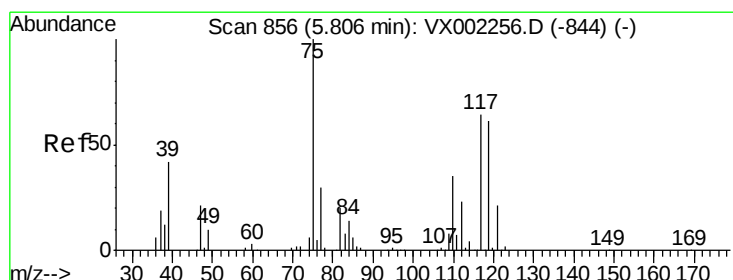
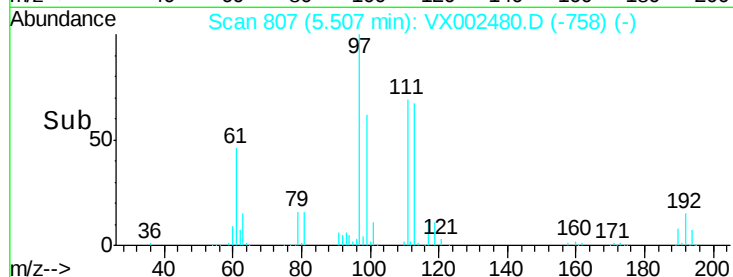
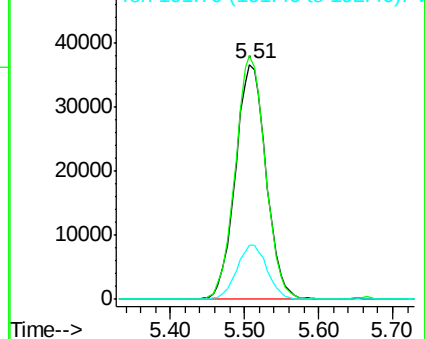
192 23.1 19.1 28.7



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: 46.42 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

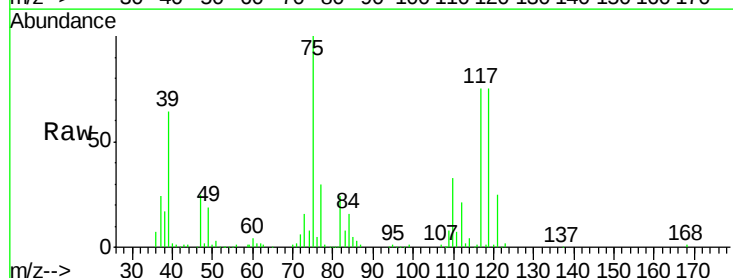
Tgt Ion: 75 Resp: 143211

Ion Ratio Lower Upper

75 100

110 34.5 18.1 54.4

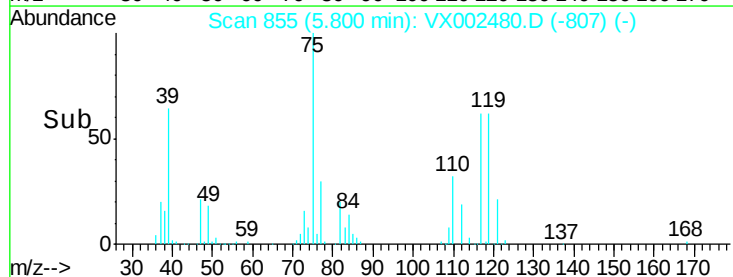
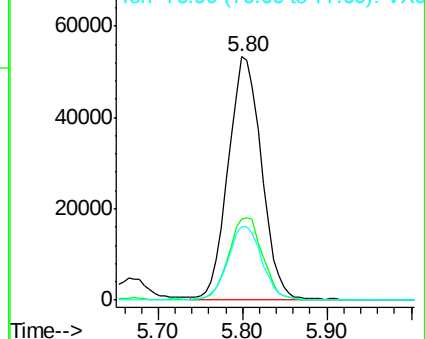
77 30.8 24.3 36.5

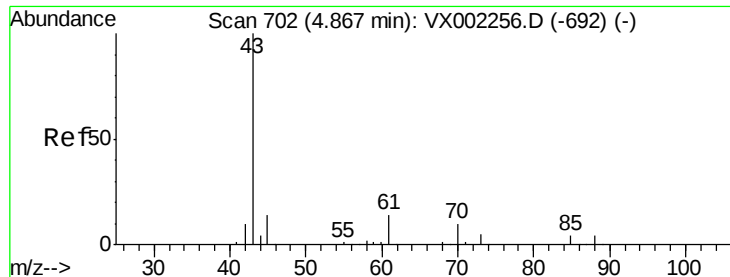


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

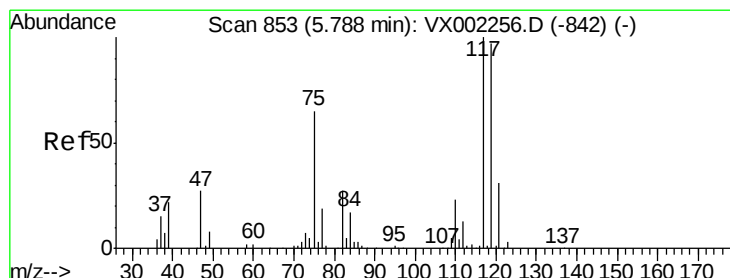
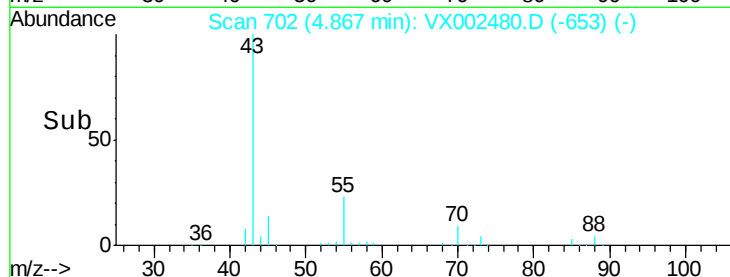
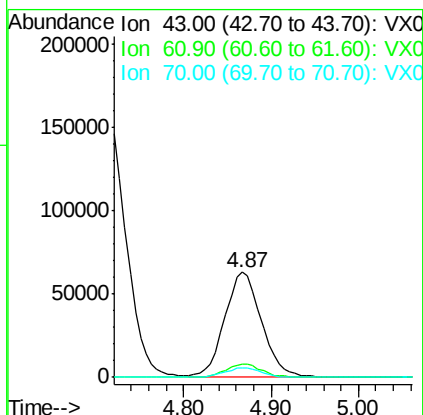
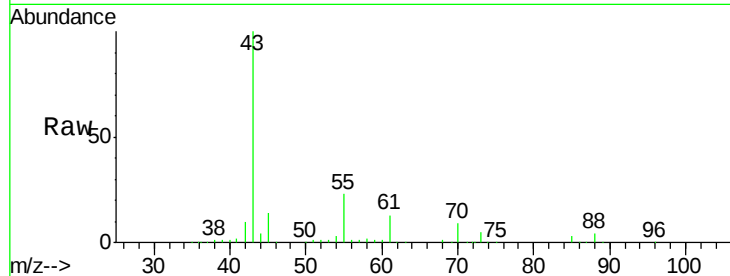




#37
Ethyl Acetate
Concen: 49.28 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

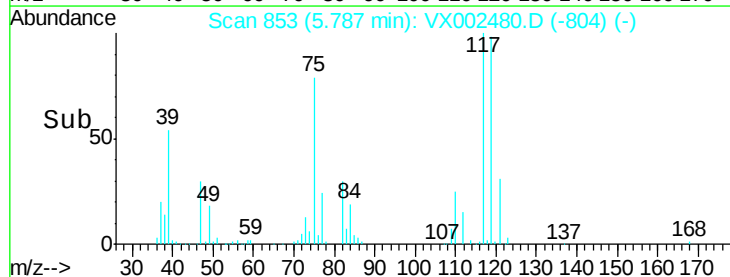
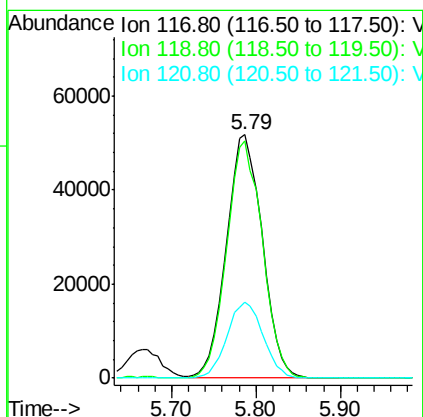
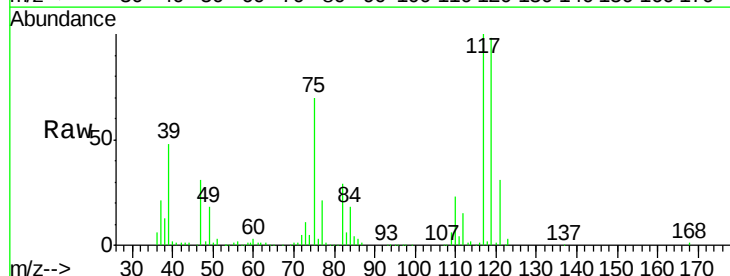
Instrument :
MSVOA_X
ClientSampleId :

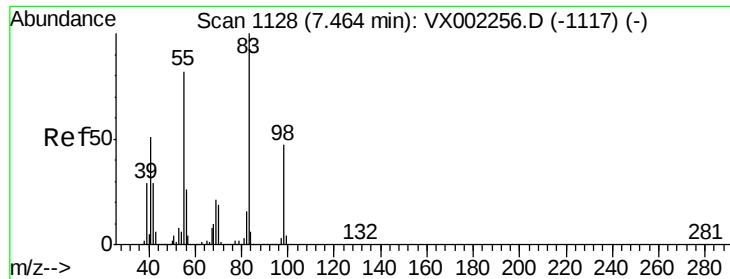
Tot Ion: 43 Resp: 182843
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 46.63 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion: 117 Resp: 150496
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.0
121 31.1 24.4 36.6

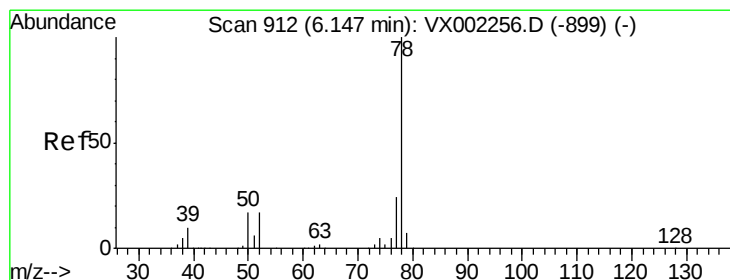
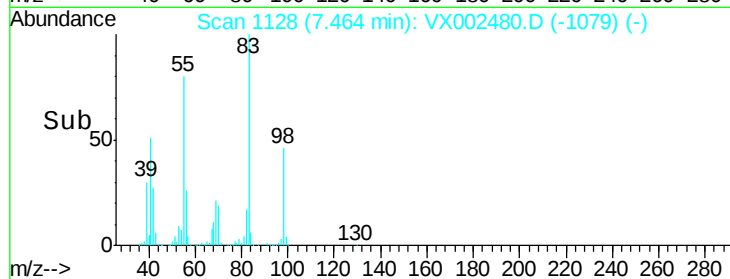
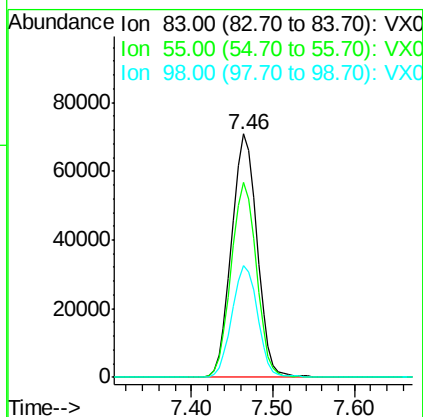
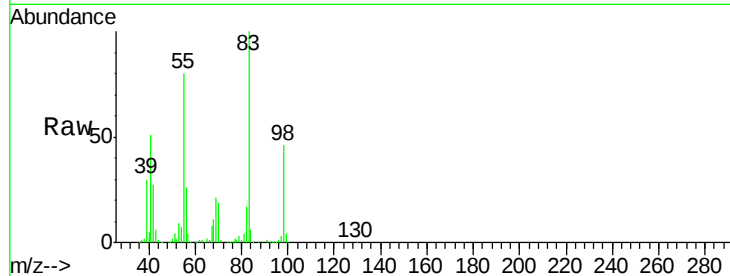




#39
Methvlcvclohexane
Concen: 40.23 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

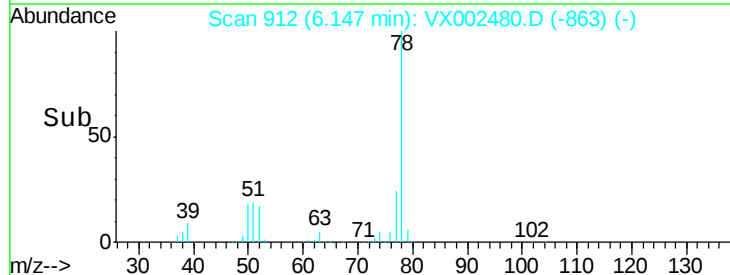
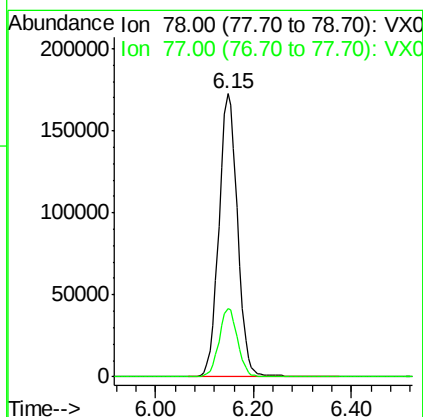
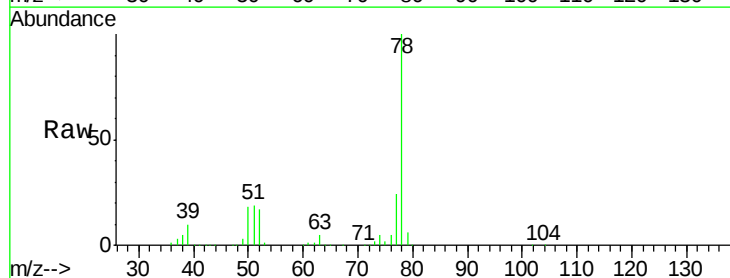
Instrument :
MSVOA_X
ClientSampled :

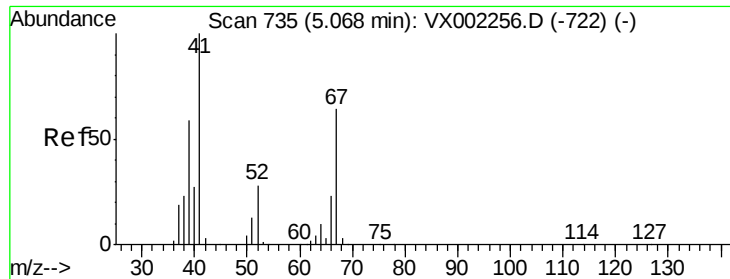
Tot Ion: 83 Resp: 153158
Ion Ratio Lower Upper
83 100
55 80.2 65.4 98.0
98 45.9 37.4 56.0



#40
Benzene
Concen: 48.09 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion: 78 Resp: 454905
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

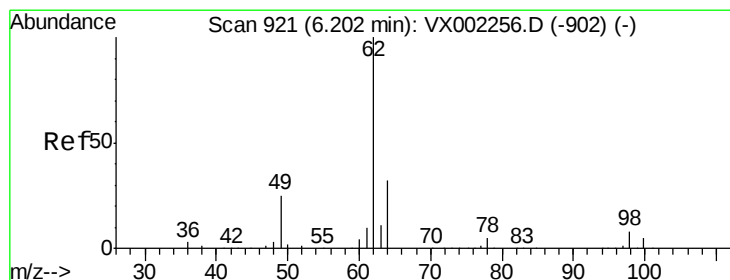
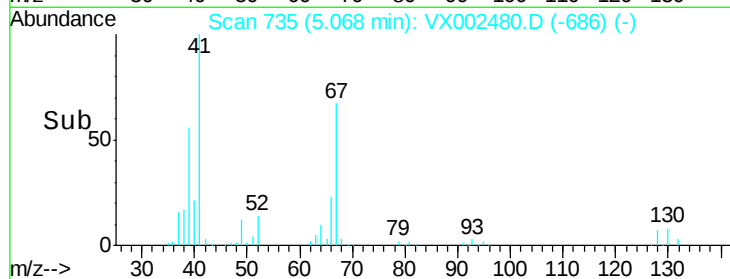
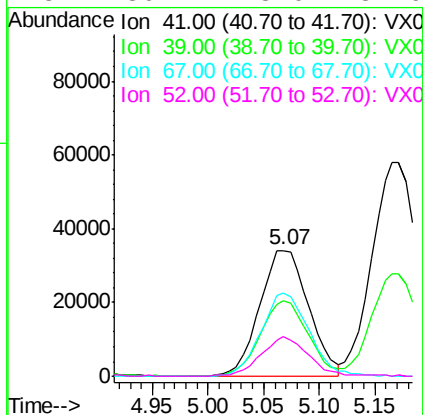
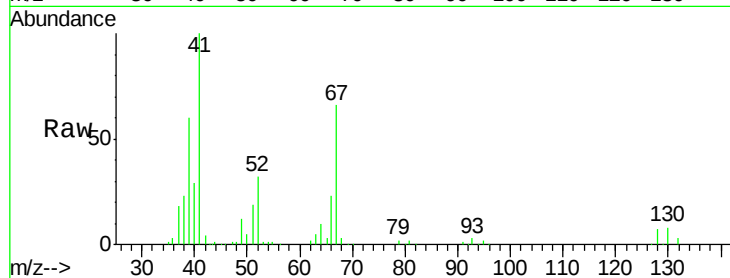




#41
Methacrylonitrile
Concen: 48.87 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

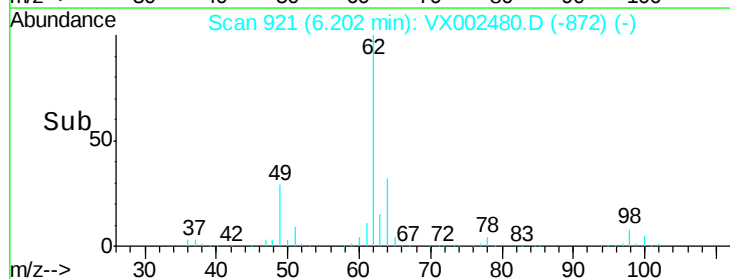
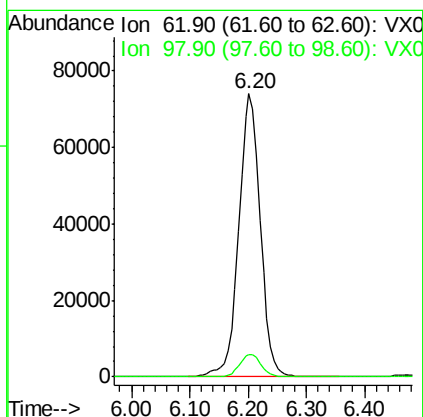
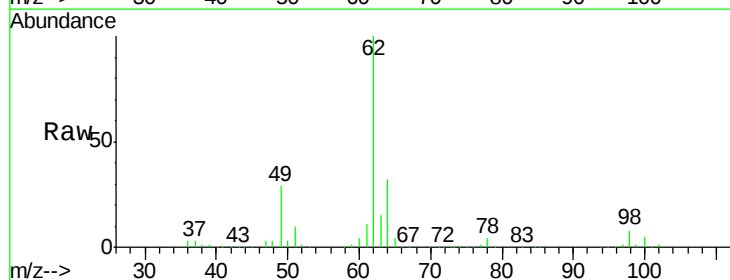
Instrument :
MSVOA_X
ClientSampled :

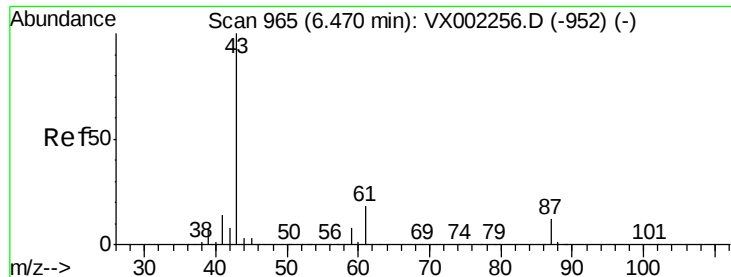
Tot Ion:	41	Resp:	103799
Ion	Ratio	Lower	Upper
41	100		
39	58.4	45.8	68.6
67	65.6	51.3	76.9
52	30.4	23.0	34.6



#42
1,2-Dichloroethane
Concen: 50.26 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion:	62	Resp:	188882
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 48.77 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

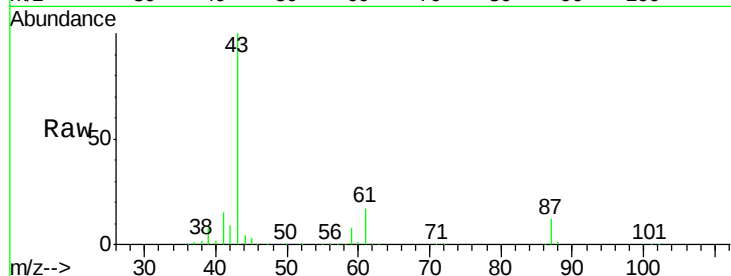
Tot Ion: 43 Resp: 307367

Ion Ratio Lower Upper

43 100

61 17.5 14.4 21.6

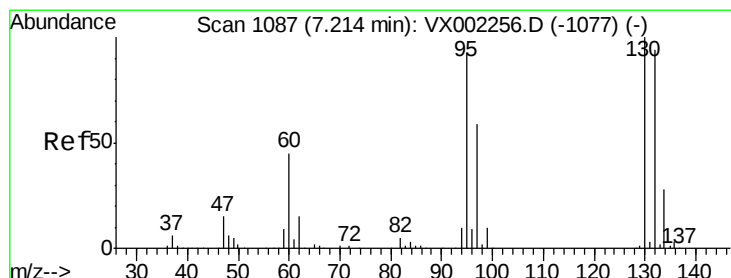
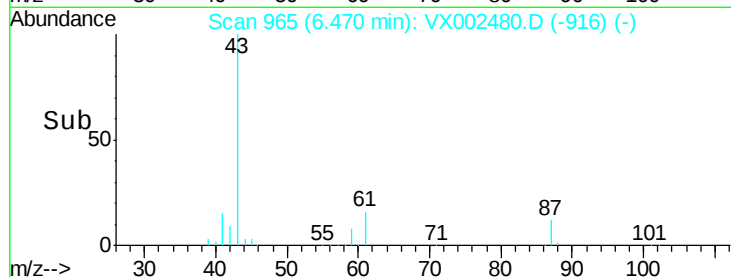
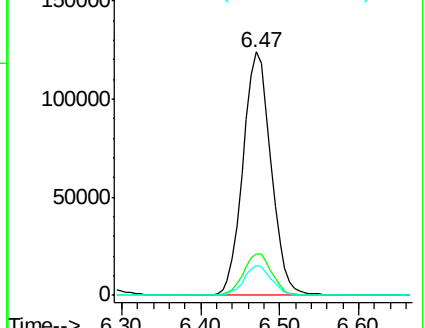
87 12.0 9.5 14.3



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: 48.44 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002480.D

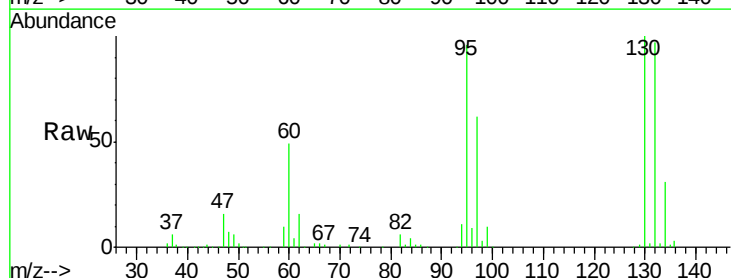
Acq: 12 Jun 2018 21:18

Tgt Ion:130 Resp: 127172

Ion Ratio Lower Upper

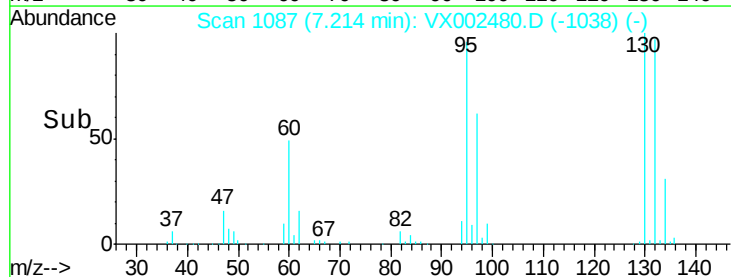
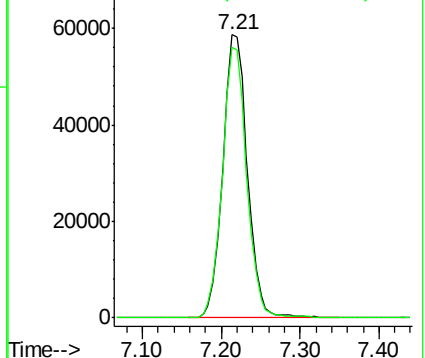
130 100

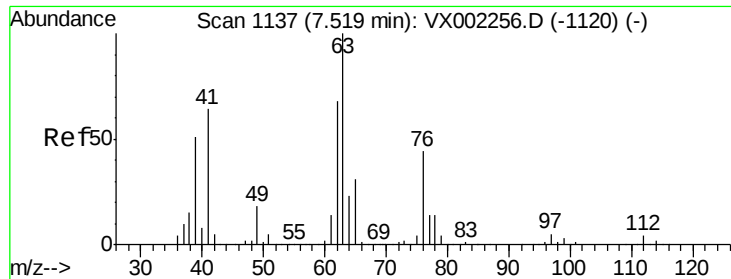
95 95.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.22 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

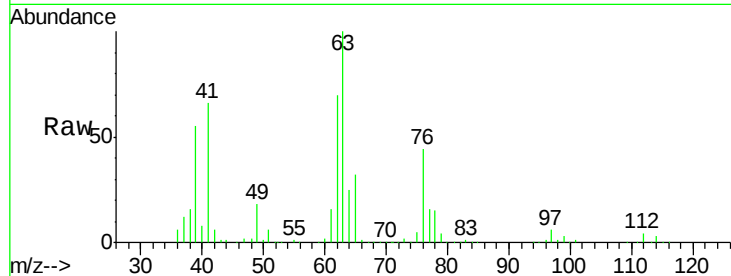
ClientSampleId :

Tot Ion: 63 Resp: 125695

Ion Ratio Lower Upper

63 100

65 31.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

60000

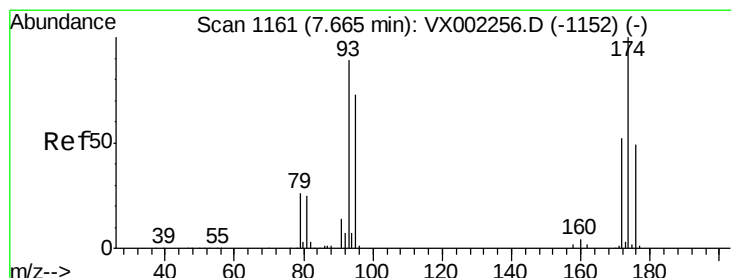
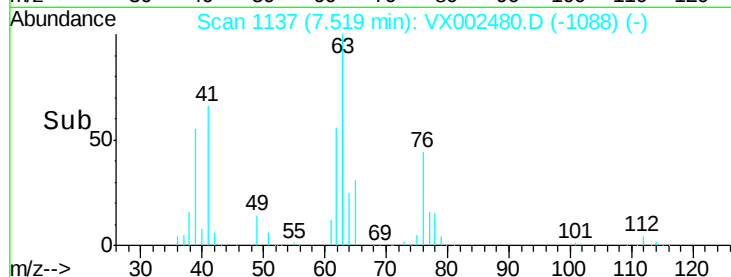
40000

20000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 49.46 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

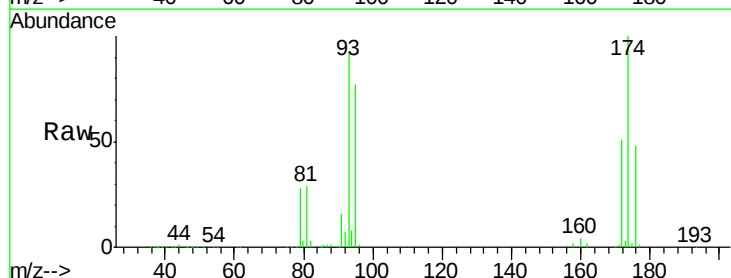
Tgt Ion: 93 Resp: 85622

Ion Ratio Lower Upper

93 100

95 84.6 65.9 98.9

174 113.8 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

60000

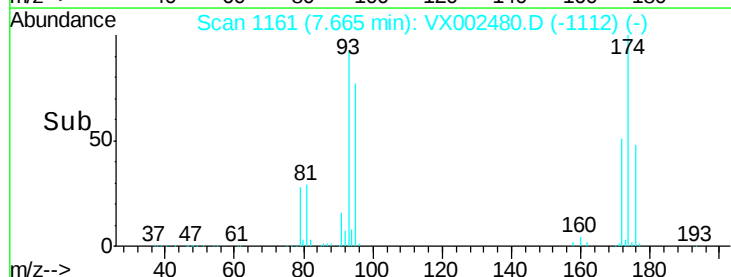
40000

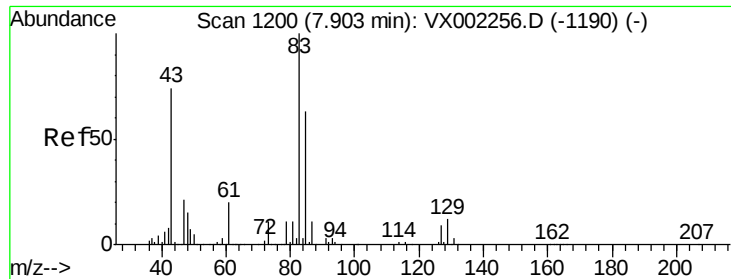
20000

0

Time-->

7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 50.83 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :
MSVOA_X
ClientSampled :

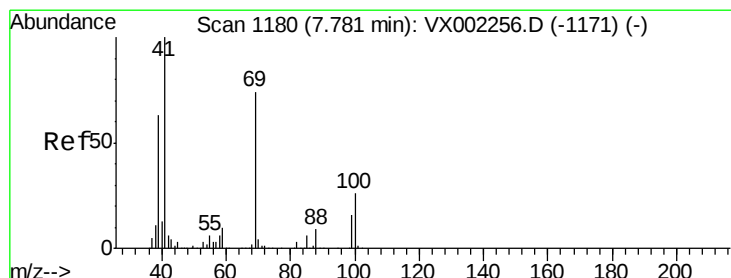
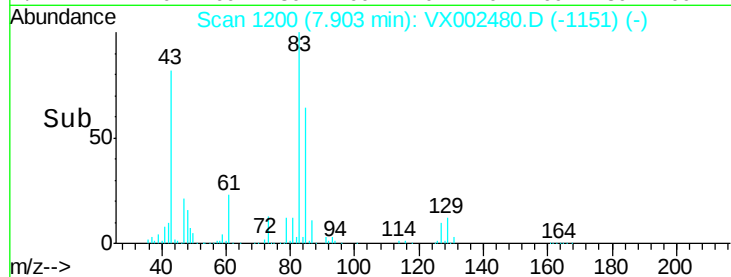
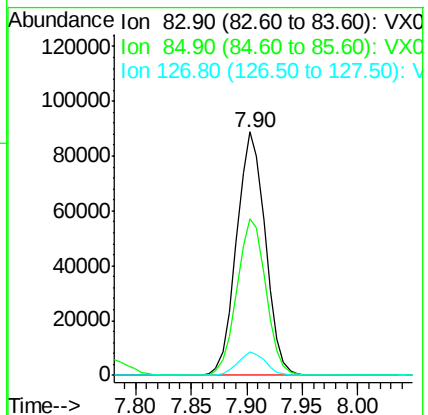
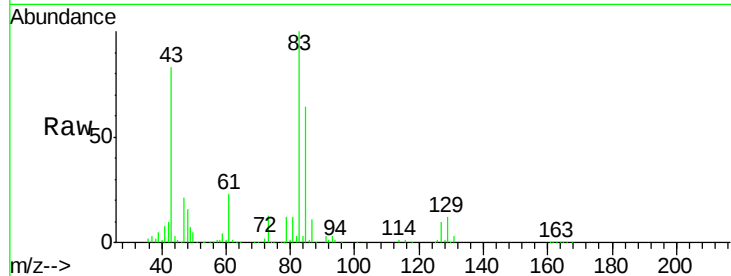
Tot Ion: 83 Resp: 159153

Ion Ratio Lower Upper

83 100

85 64.4 50.3 75.5

127 9.5 7.0 10.4



#48

Methyl methacrylate

Concen: 50.06 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

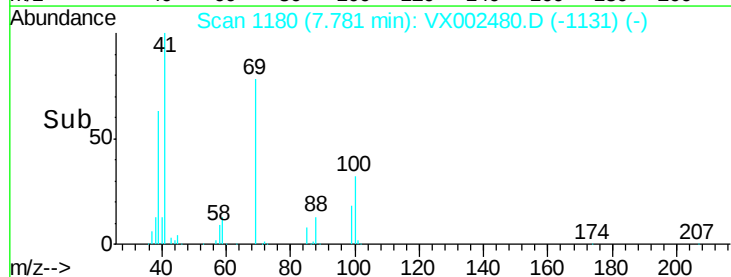
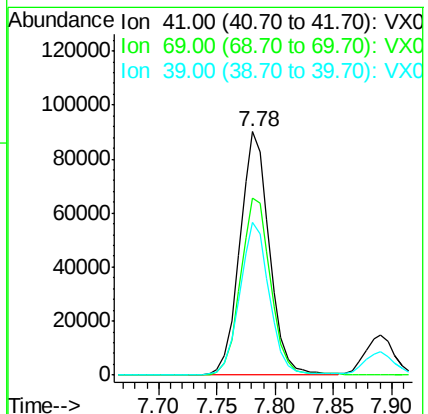
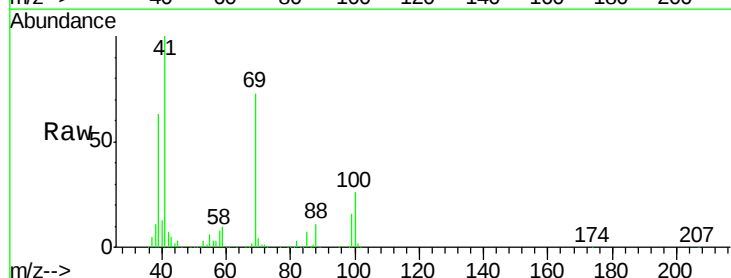
Tgt Ion: 41 Resp: 158467

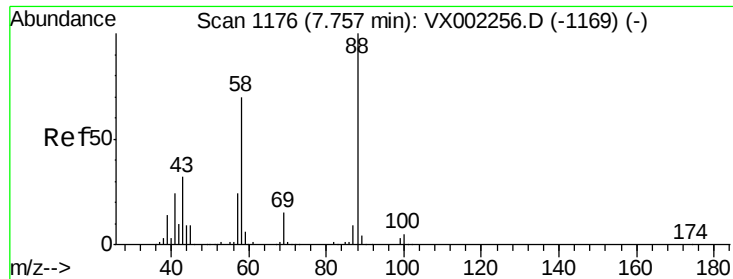
Ion Ratio Lower Upper

41 100

69 74.7 59.1 88.7

39 62.5 48.9 73.3

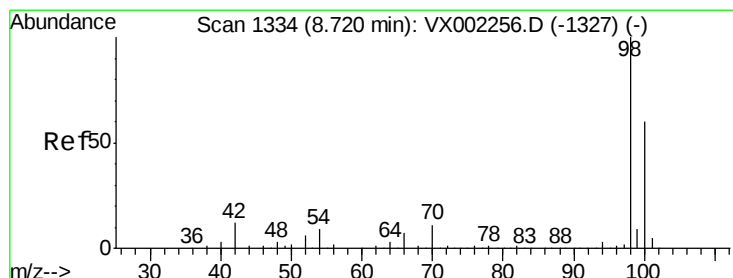
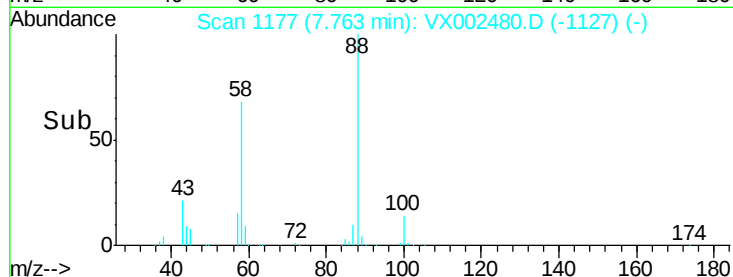
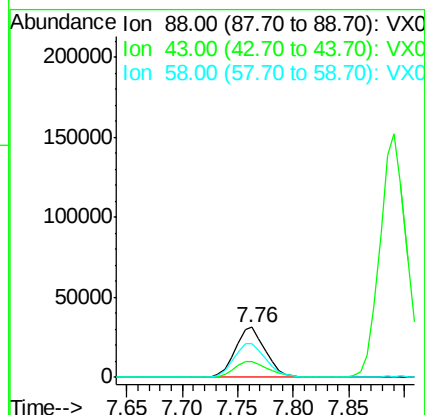
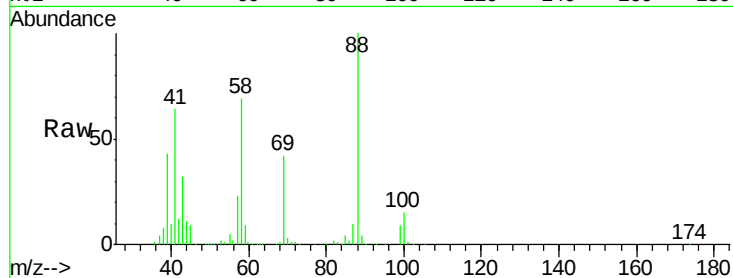




#49
1,4-Dioxane
Concen: 996.98 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

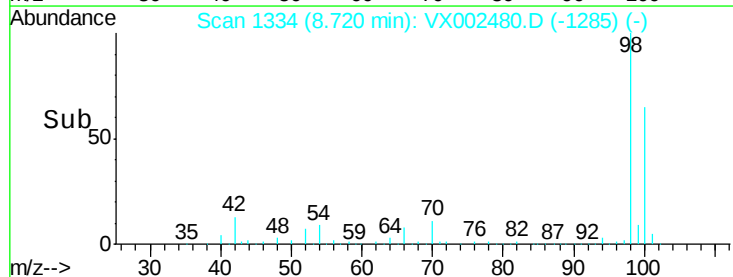
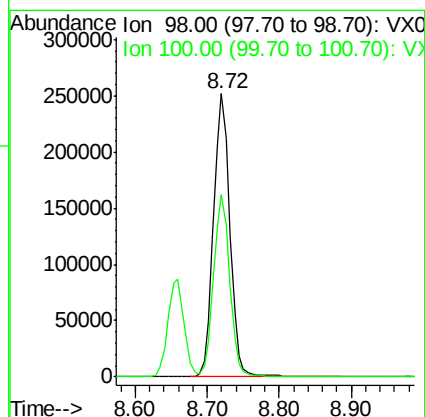
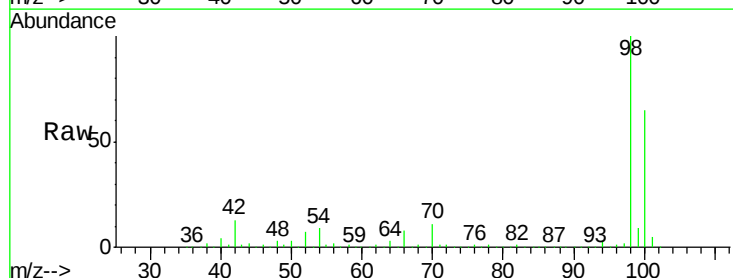
Instrument :
MSVOA_X
ClientSampleId :

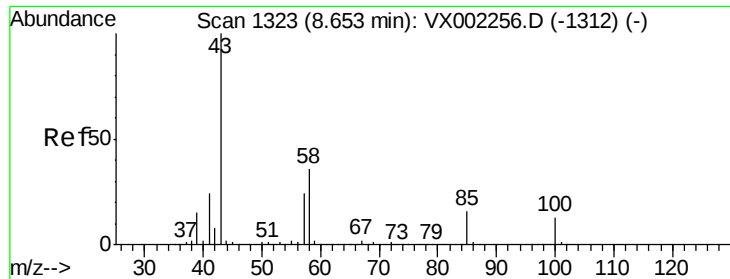
Tot Ion: 88 Resp: 59009
Ion Ratio Lower Upper
88 100
43 37.6 29.8 44.6
58 72.0 57.1 85.7



#50
Toluene-d8
Concen: 44.60 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion: 98 Resp: 394510
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 259.39 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

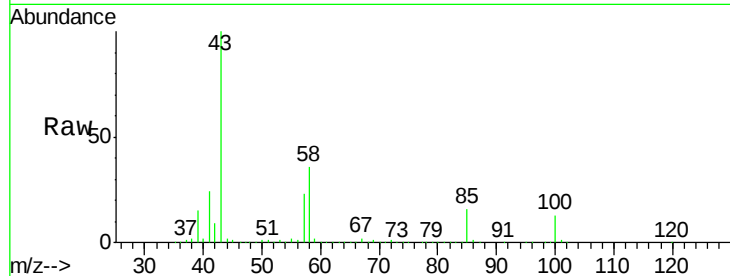
ClientSampleId :

Tot Ion: 43 Resp: 1017975

Ion Ratio Lower Upper

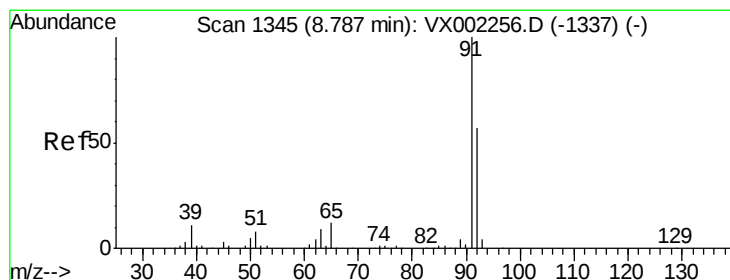
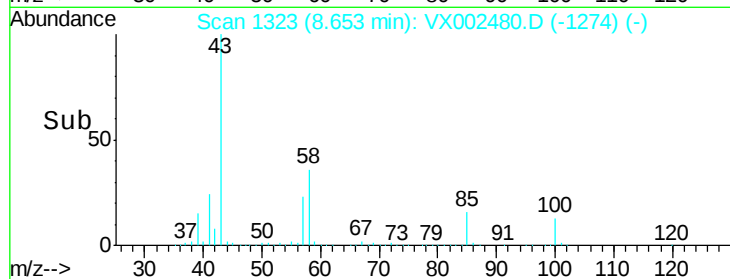
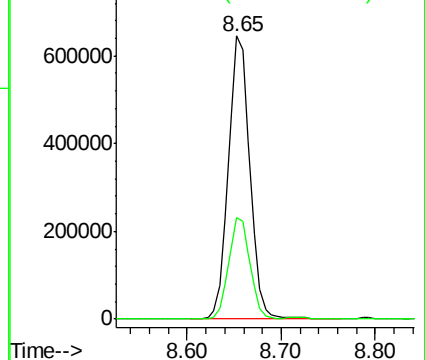
43 100

58 35.8 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: 49.66 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002480.D

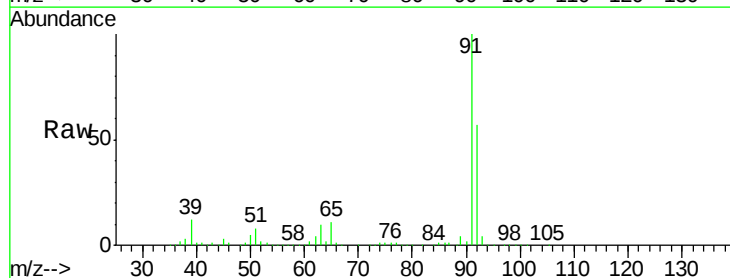
Acq: 12 Jun 2018 21:18

Tgt Ion: 92 Resp: 298764

Ion Ratio Lower Upper

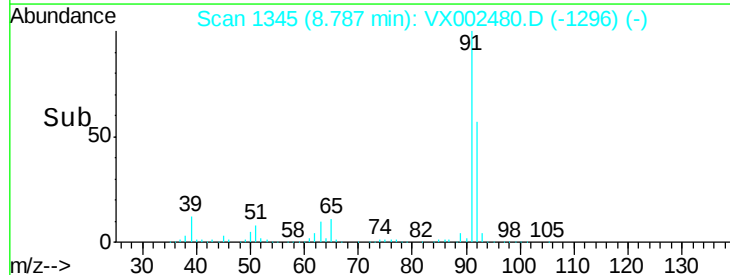
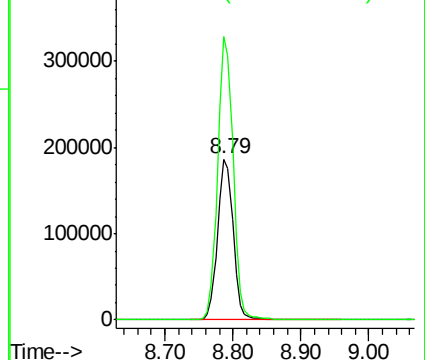
92 100

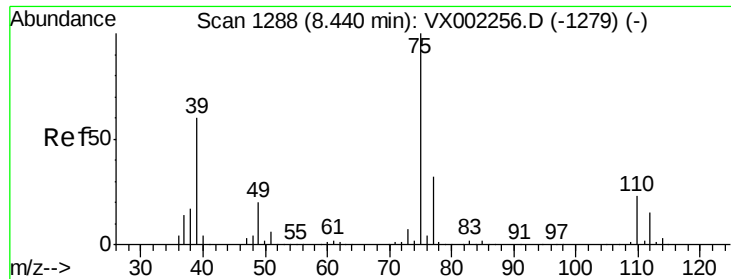
91 174.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

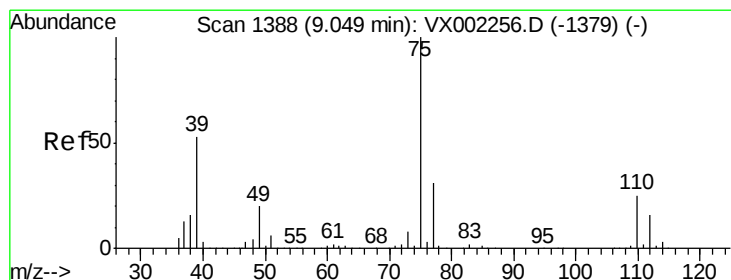
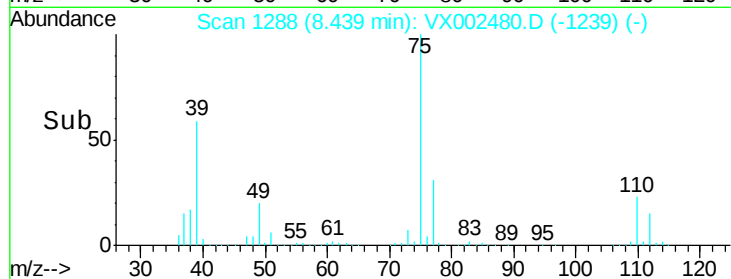
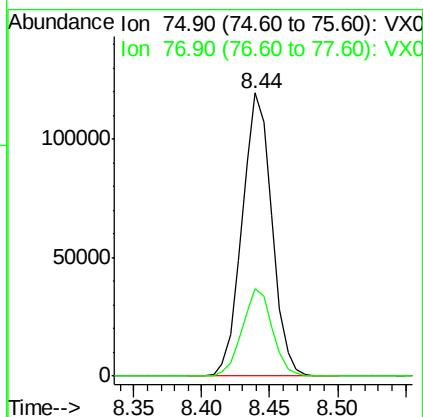
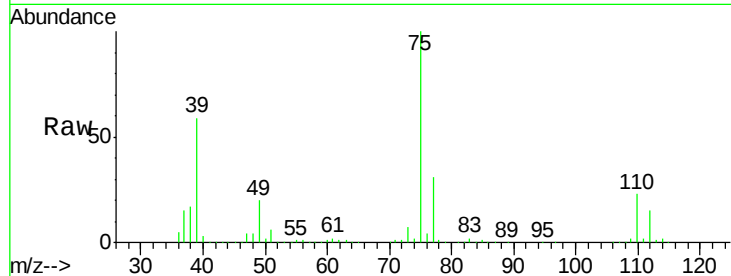




#53
t-1,3-Dichloropropene
Concen: 48.75 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

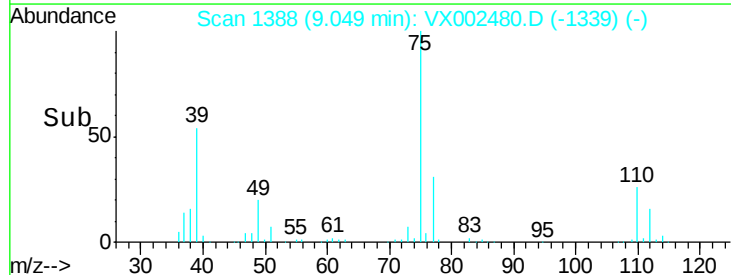
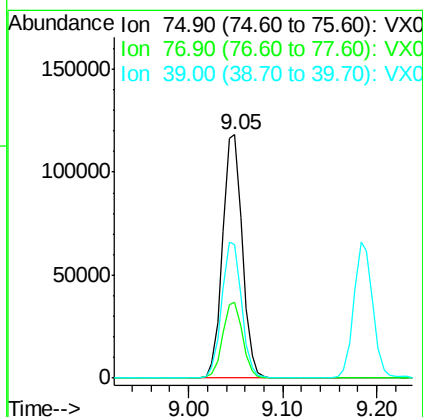
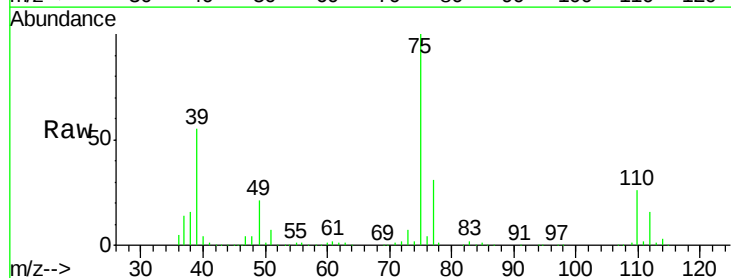
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 183029
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 48.47 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion: 75 Resp: 171693
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 54.5 42.4 63.6

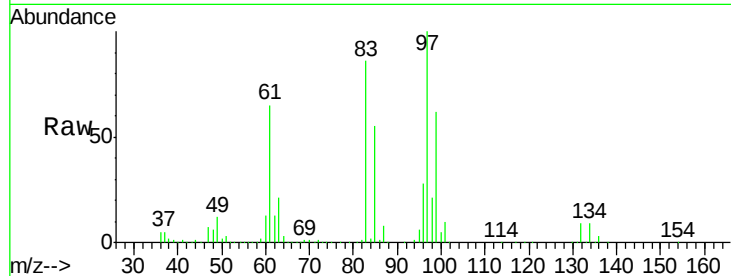




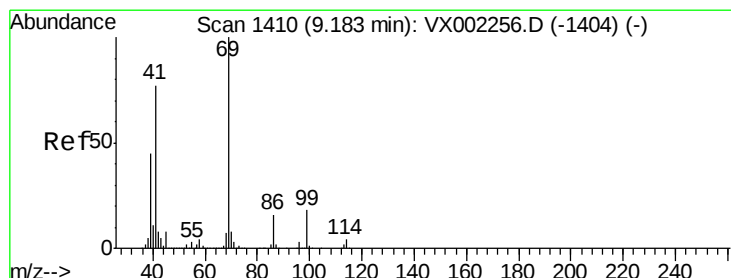
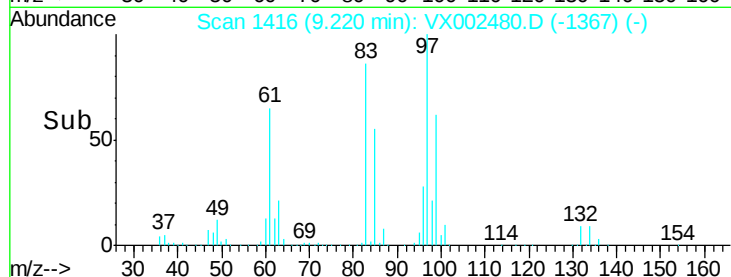
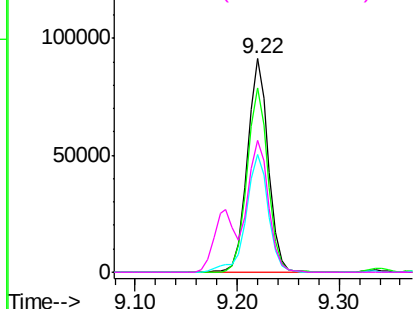
#55
 1,1,2-Trichloroethane
 Concen: 52.76 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 130550
 Ion Ratio Lower Upper
 97 100
 83 86.1 70.2 105.2
 85 55.4 44.9 67.3
 99 61.7 49.8 74.8

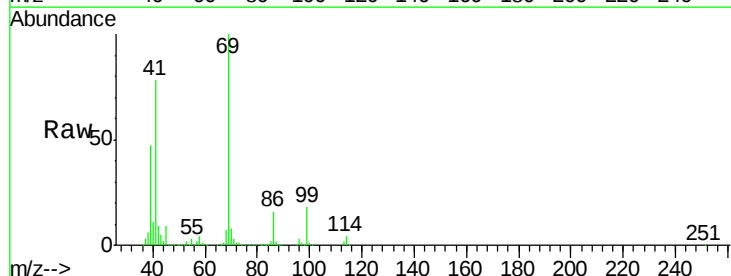


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

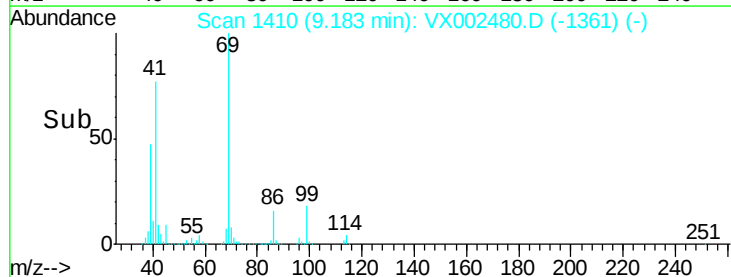
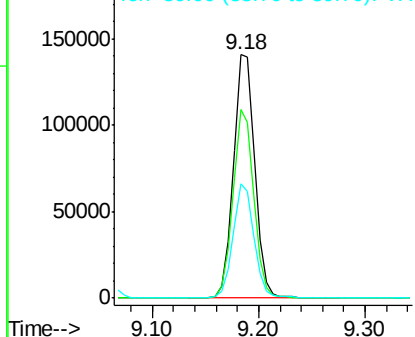


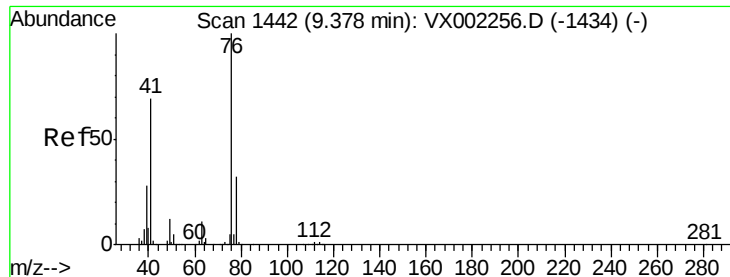
#56
 Ethyl methacrylate
 Concen: 50.32 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

Tgt Ion: 69 Resp: 198789
 Ion Ratio Lower Upper
 69 100
 41 75.5 60.3 90.5
 39 45.8 35.8 53.8



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





#57

1,3-Dichloropropane

Concen: 51.17 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

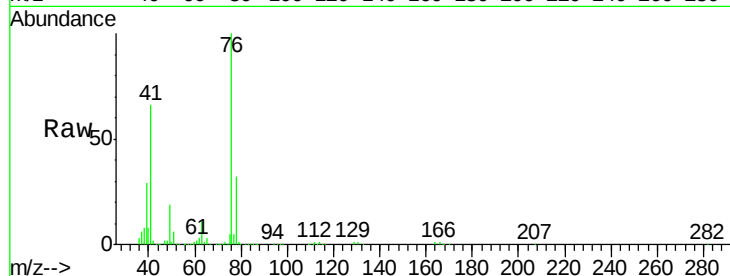
ClientSampleId :

Tot Ion: 76 Resp: 212434

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

150000

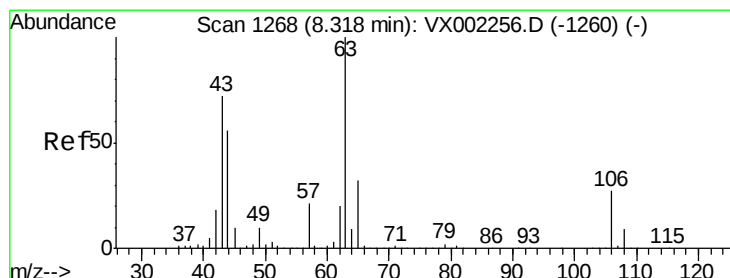
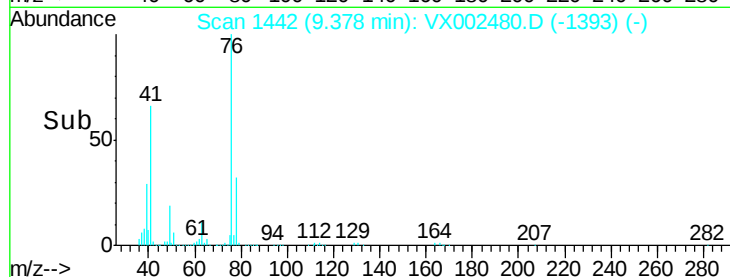
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 259.76 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002480.D

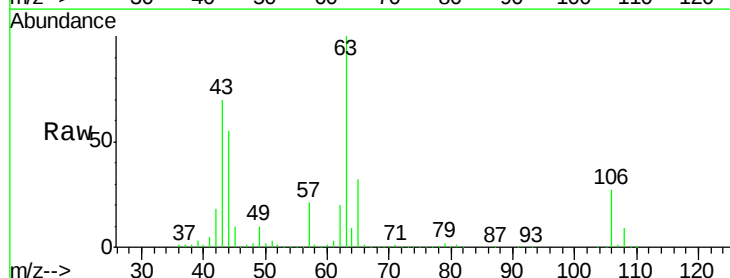
Acq: 12 Jun 2018 21:18

Tgt Ion: 63 Resp: 474980

Ion Ratio Lower Upper

63 100

106 27.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

300000

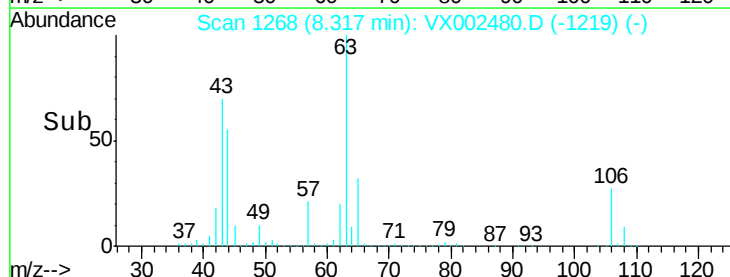
200000

100000

0

8.20 8.30 8.40

Time-->

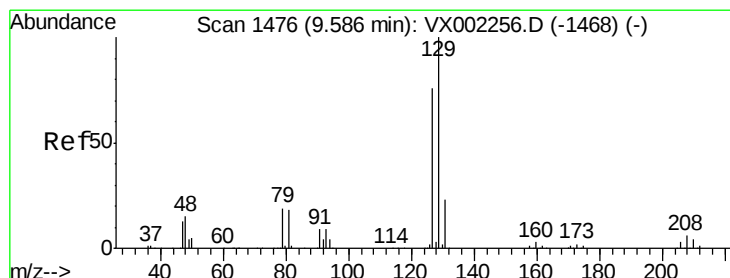
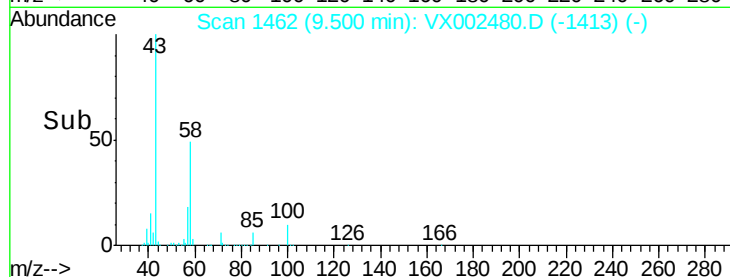
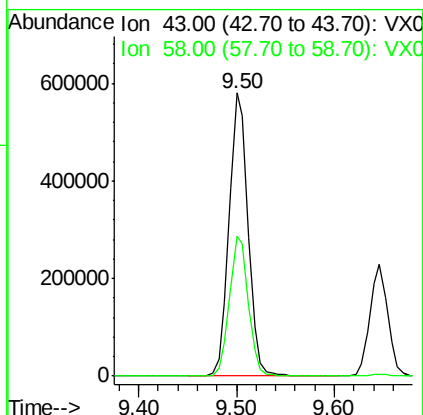
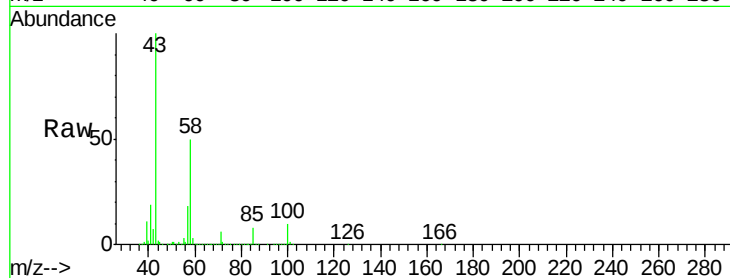




#59
2-Hexanone
Concen: 256.72 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

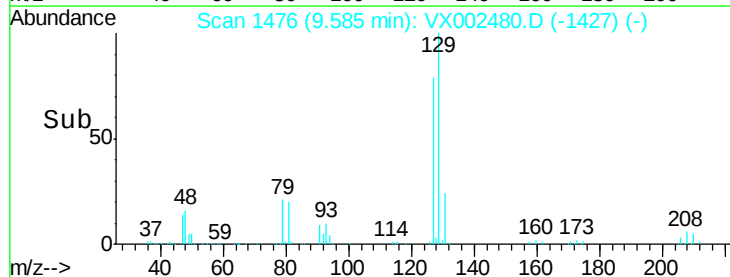
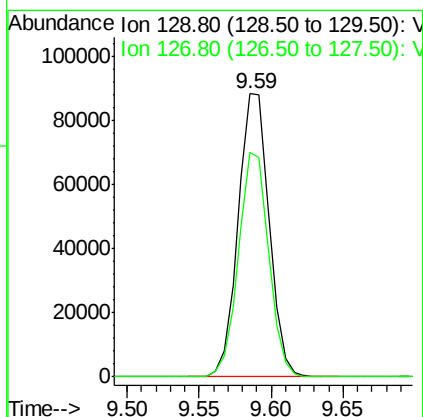
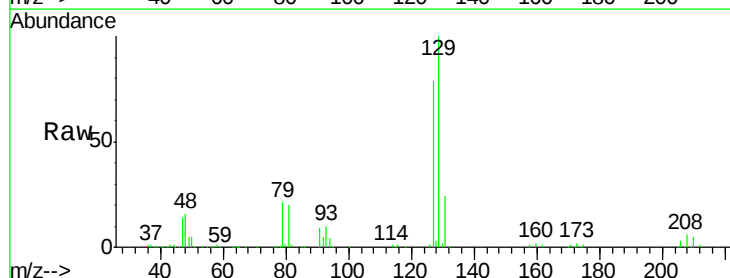
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 778180
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.6



#60
Dibromochloromethane
Concen: 52.95 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion: 129 Resp: 131800
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.63 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

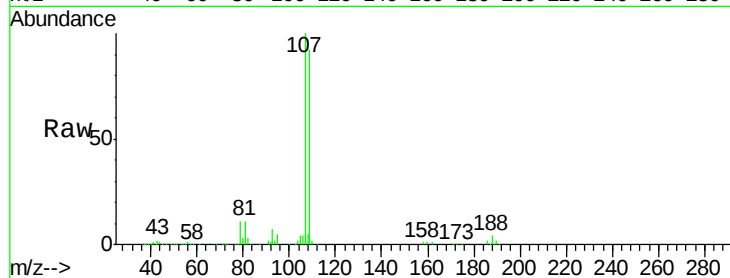
ClientSampleId :

Tot Ion:107 Resp: 135783

Ion Ratio Lower Upper

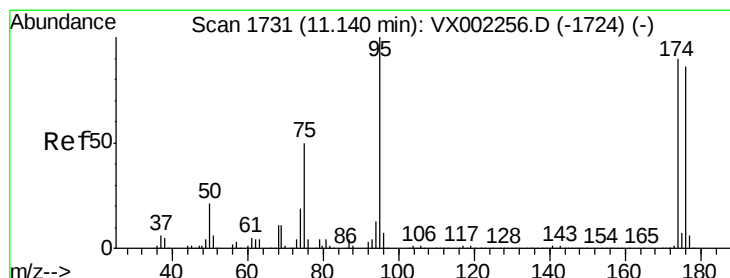
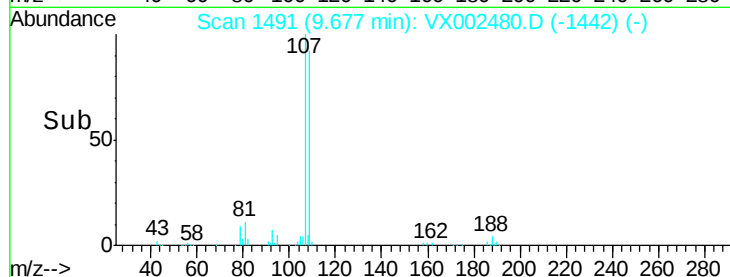
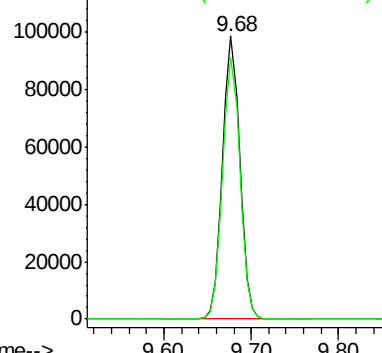
107 100

109 92.3 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: 45.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

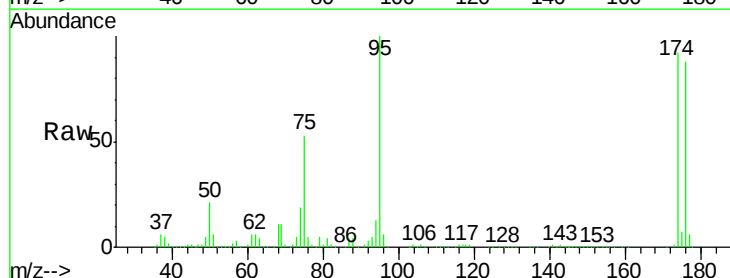
Tgt Ion: 95 Resp: 155842

Ion Ratio Lower Upper

95 100

174 95.5 0.0 187.4

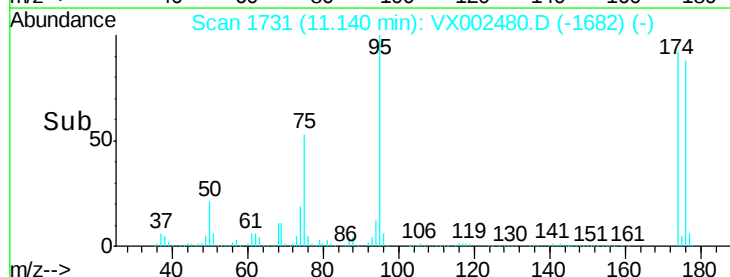
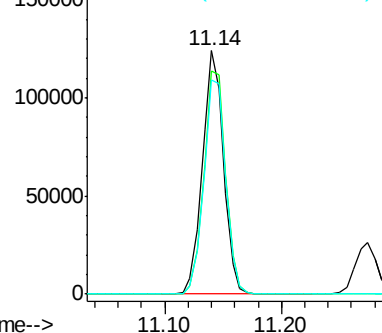
176 92.1 0.0 181.0

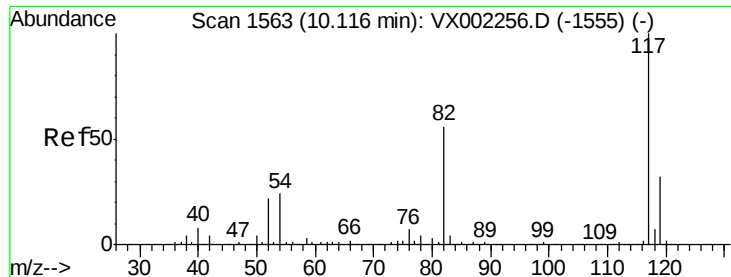


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

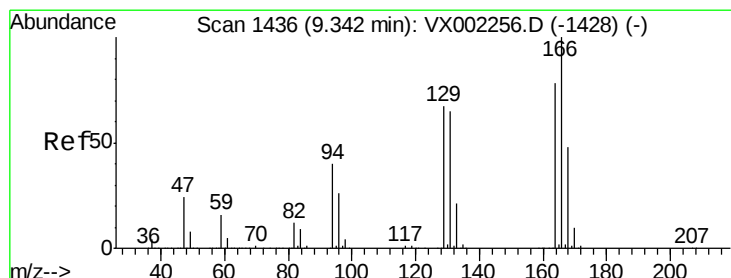
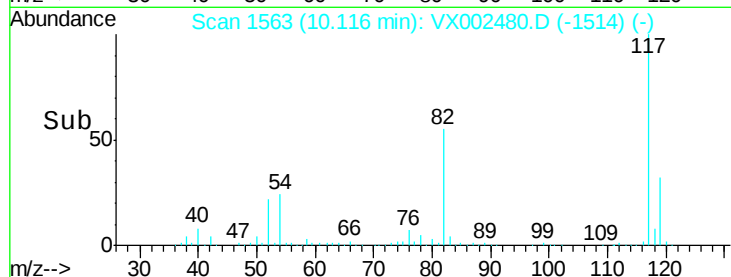
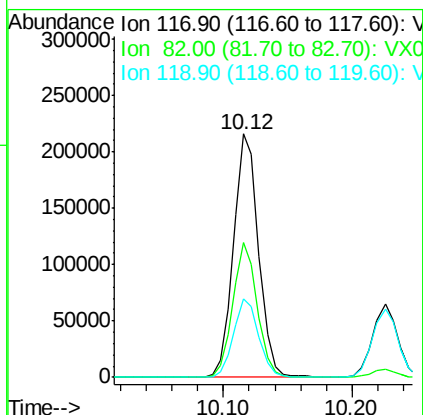
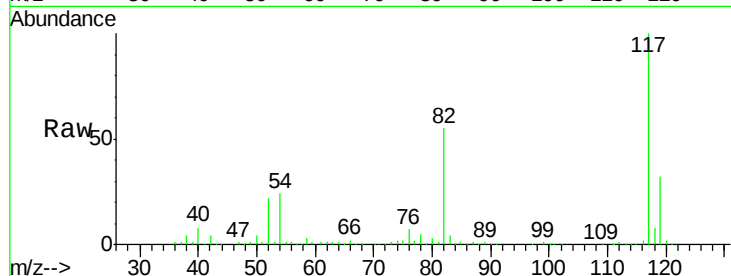




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

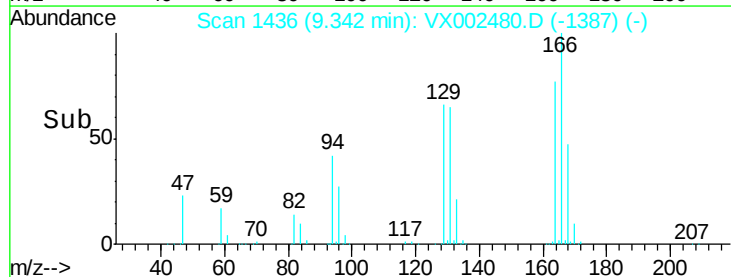
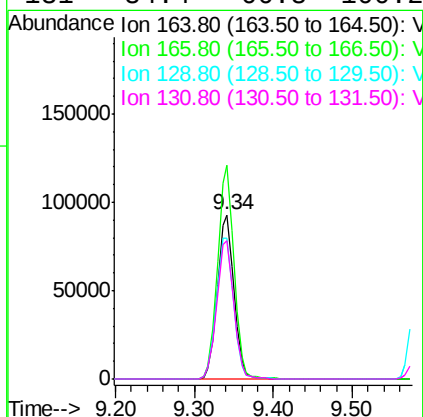
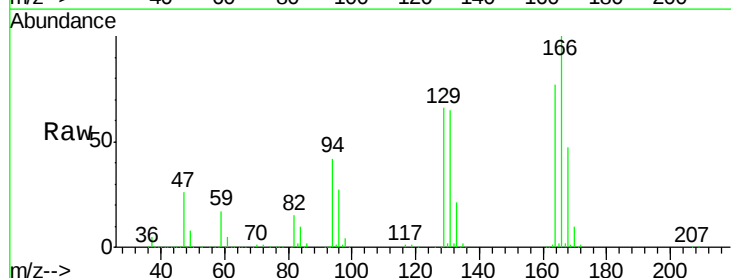
Instrument :
MSVOA_X
ClientSampled :

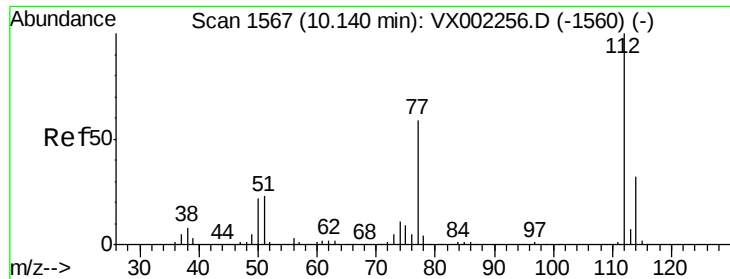
Tot Ion:117 Resp: 292842
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 45.29 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion:164 Resp: 136768
Ion Ratio Lower Upper
164 100
166 130.0 102.9 154.3
129 85.7 68.6 102.8
131 84.4 66.8 100.2





#65

Chlorobenzene

Concen: 48.46 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

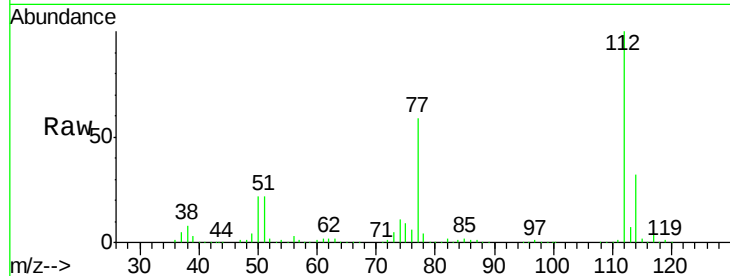
ClientSampled :

Tot Ion:112 Resp: 353148

Ion Ratio Lower Upper

112 100

114 31.6 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

250000

200000

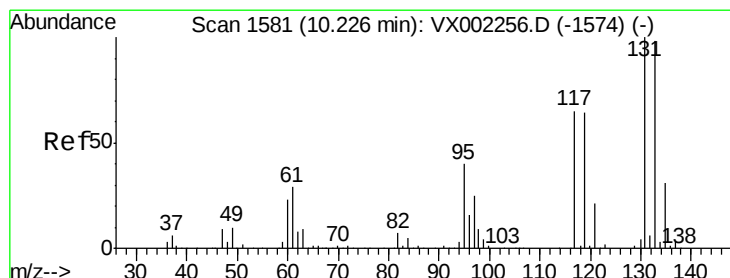
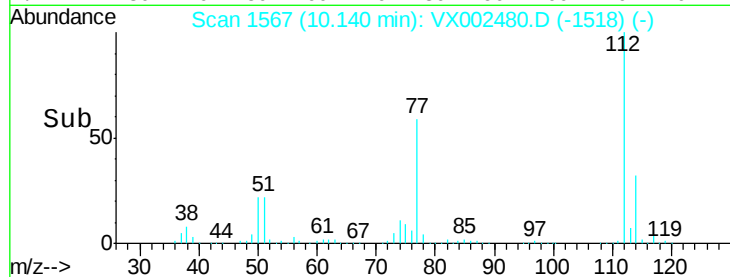
150000

100000

50000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 49.20 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

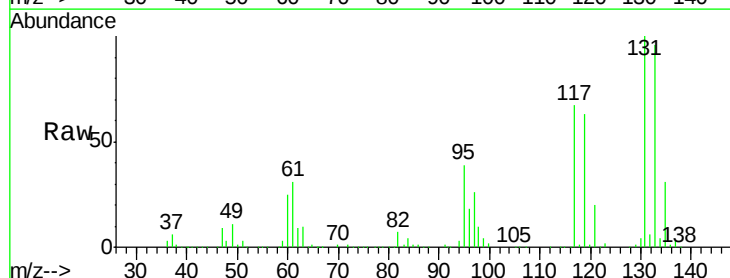
Tgt Ion:131 Resp: 129825

Ion Ratio Lower Upper

131 100

133 98.1 47.9 143.6

119 63.9 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

120000

100000

80000

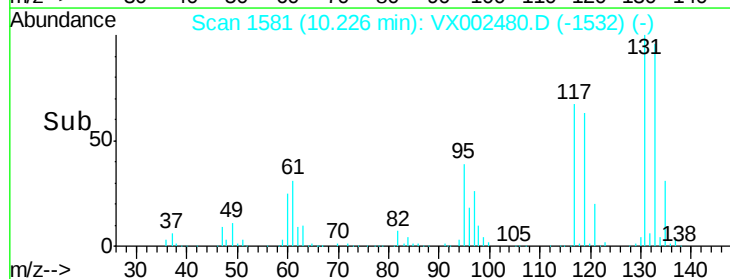
60000

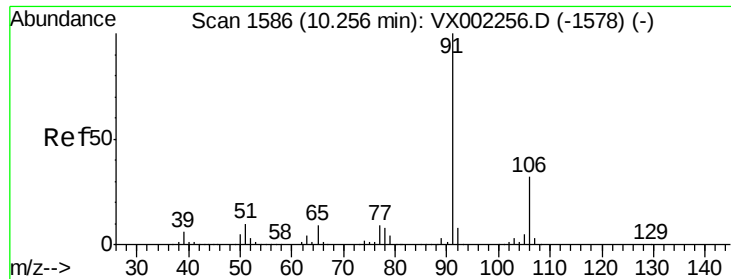
40000

20000

0

Time--> 10.20 10.30

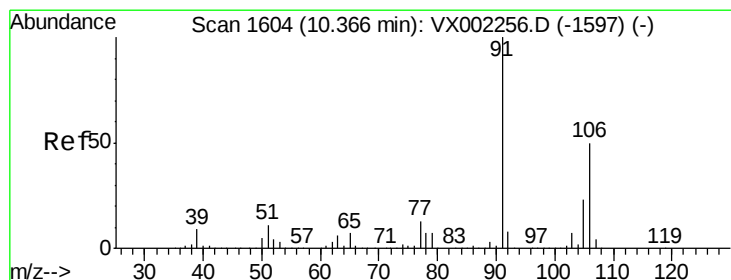
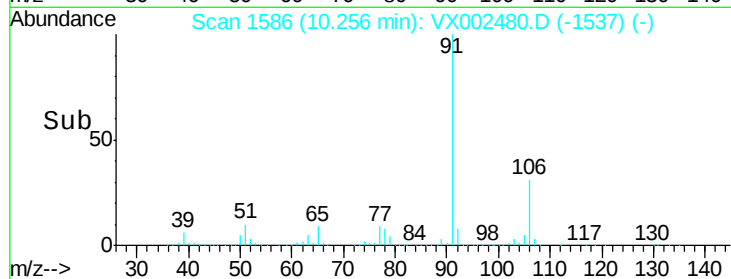
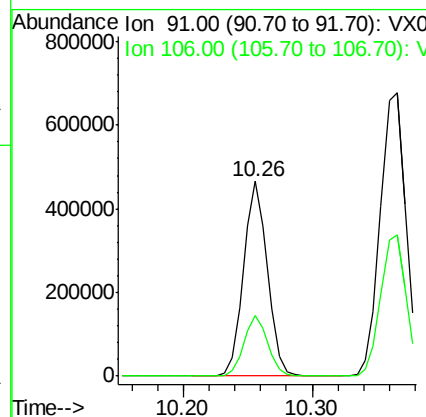
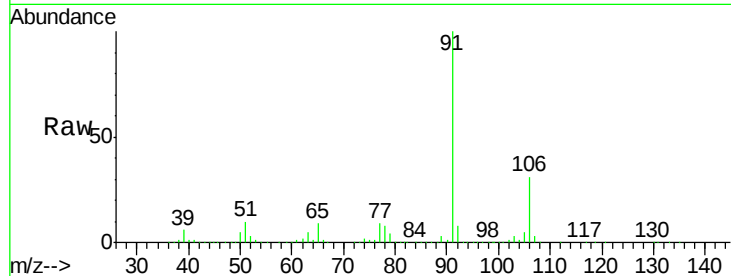




#67
Ethyl Benzene
Concen: 48.64 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

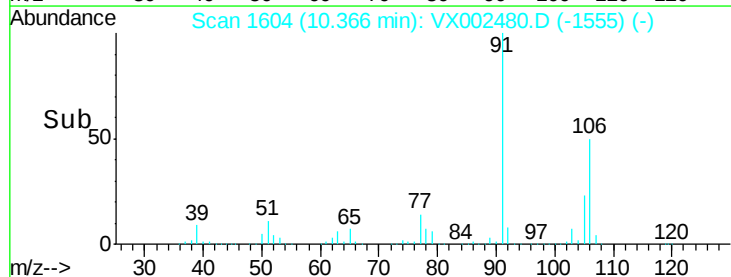
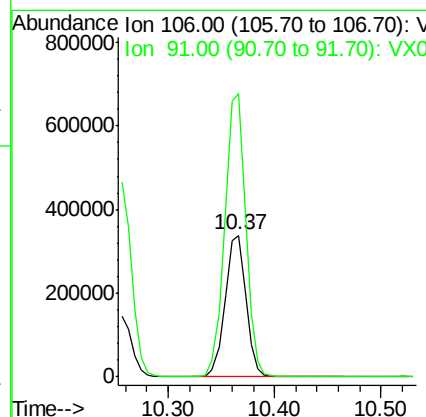
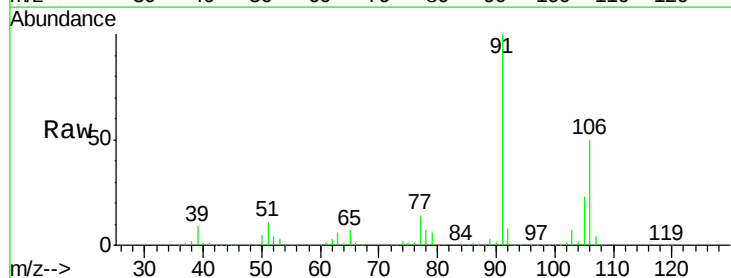
Instrument :
MSVOA_X
ClientSampleId :

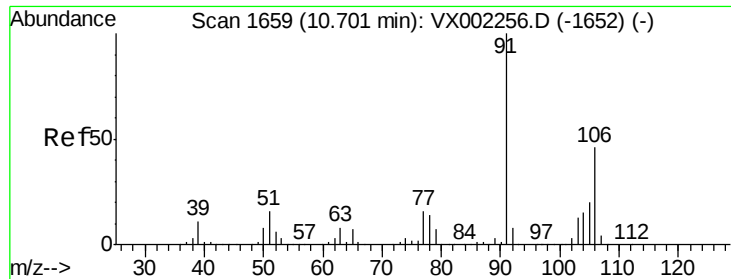
Tot Ion: 91 Resp: 593095
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 97.87 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion: 106 Resp: 463929
Ion Ratio Lower Upper
106 100
91 201.9 163.4 245.2

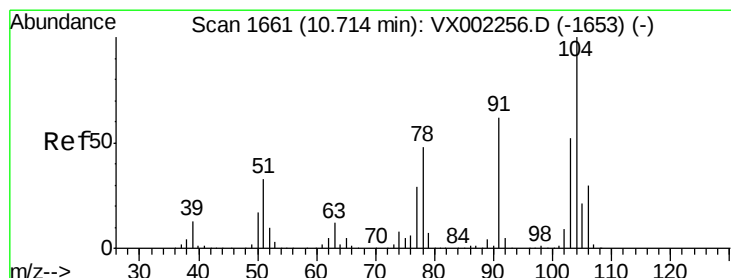
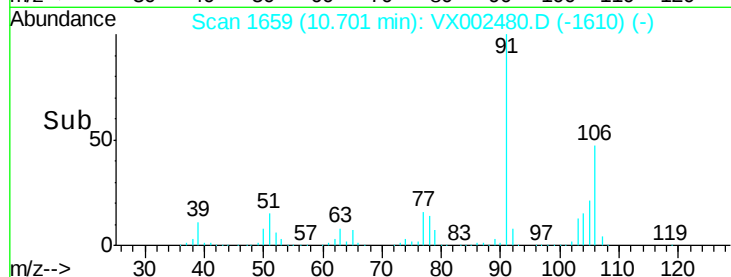
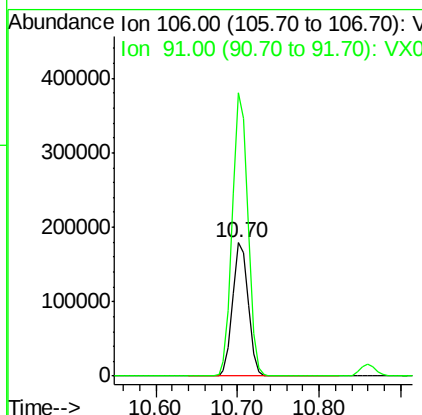
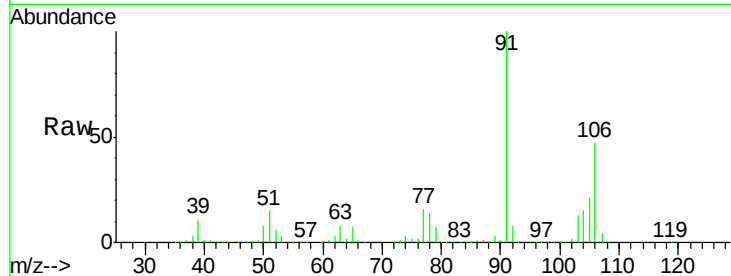




#69
o-Xylene
Concen: 49.51 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

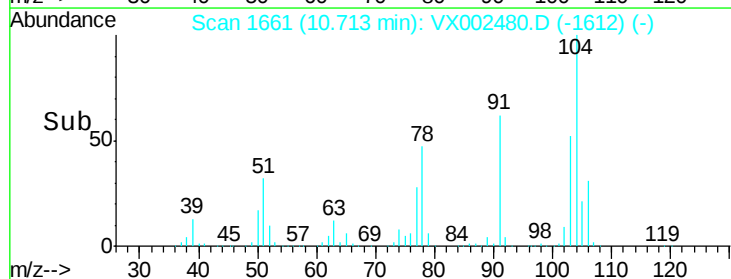
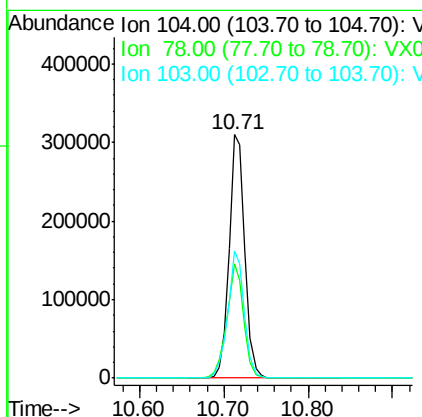
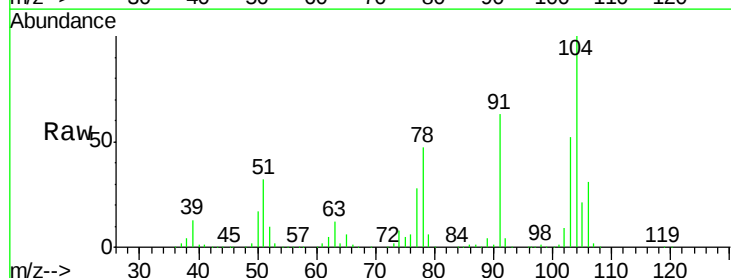
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 233539
Ion Ratio Lower Upper
106 100
91 212.1 108.2 324.6



#70
Styrene
Concen: 51.19 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion:104 Resp: 394776
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.6
103 55.1 44.2 66.4

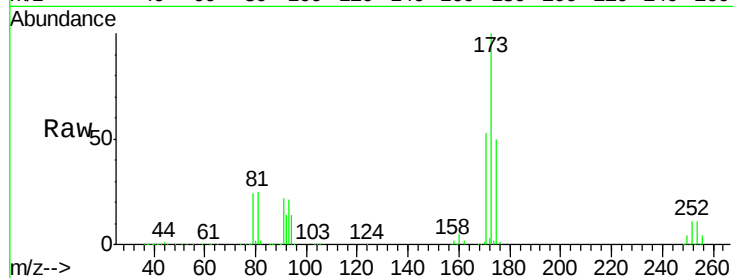




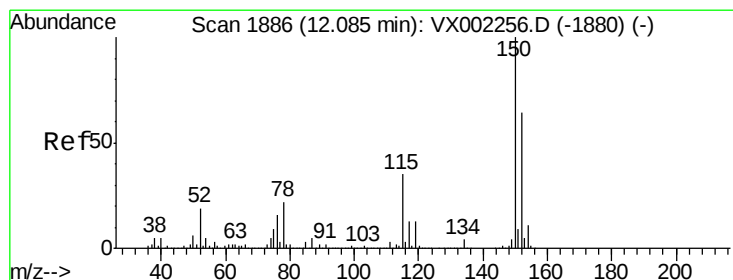
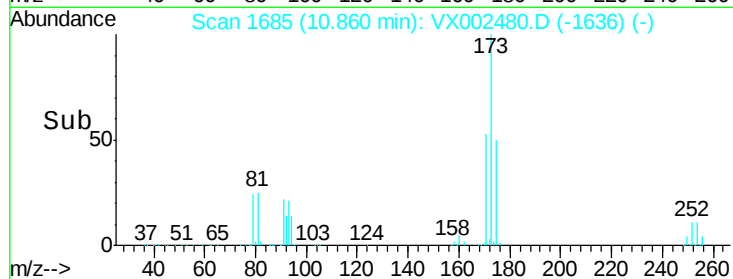
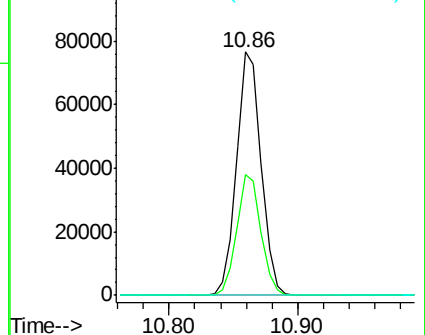
#71
Bromoform
Concen: 43.61 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 101923
Ion Ratio Lower Upper
173 100
175 49.1 24.7 74.1
254 0.2 0.2 0.2

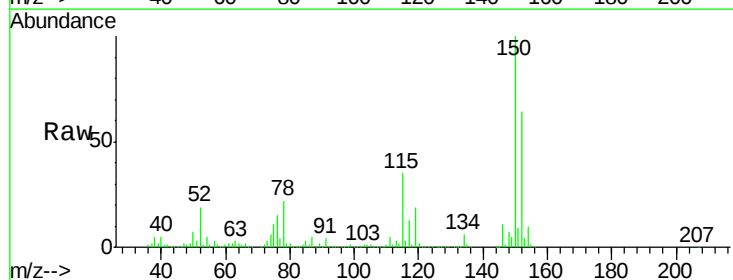


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

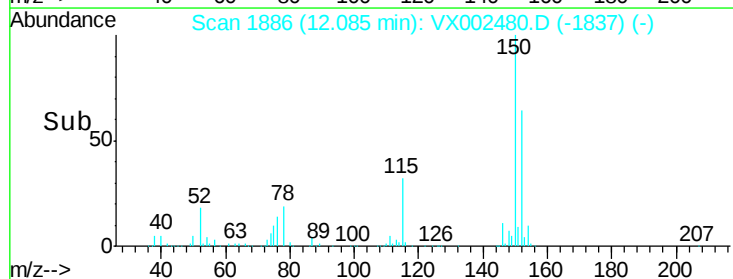
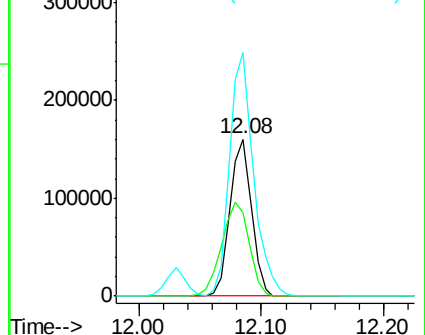


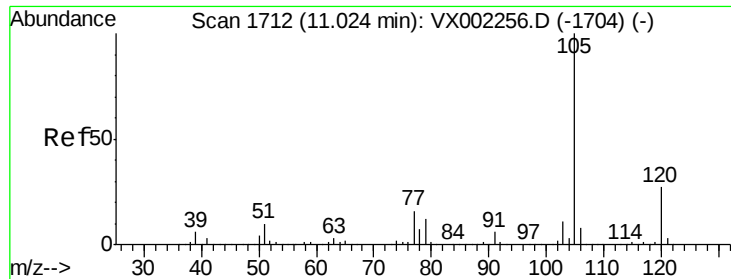
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002480.D
Acq: 12 Jun 2018 21:18

Tgt Ion:152 Resp: 193829
Ion Ratio Lower Upper
152 100
115 77.4 40.1 120.2
150 173.0 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: 45.46 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

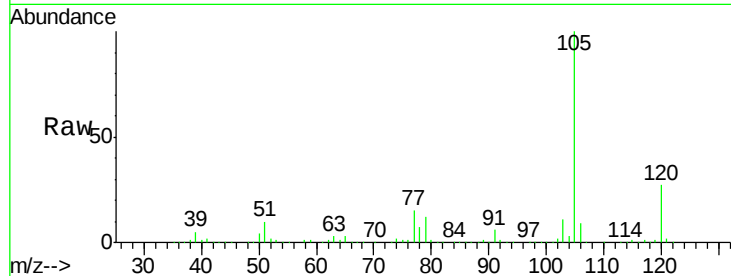
ClientSampled :

Tot Ion:105 Resp: 613006

Ion Ratio Lower Upper

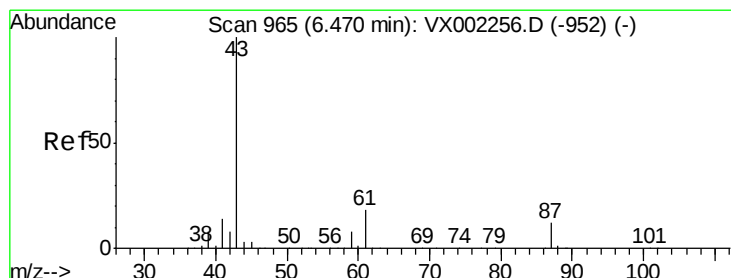
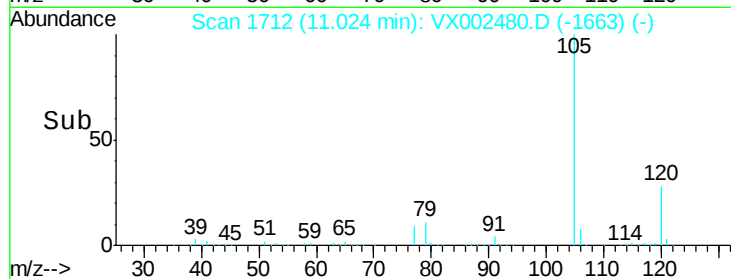
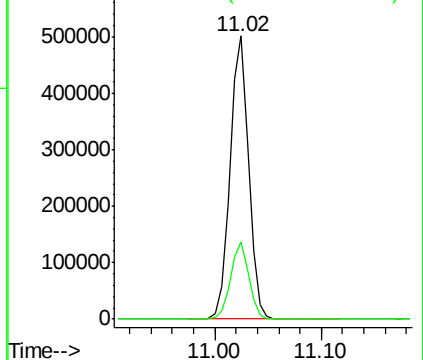
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.31 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Tgt Ion: 43 Resp: 307367

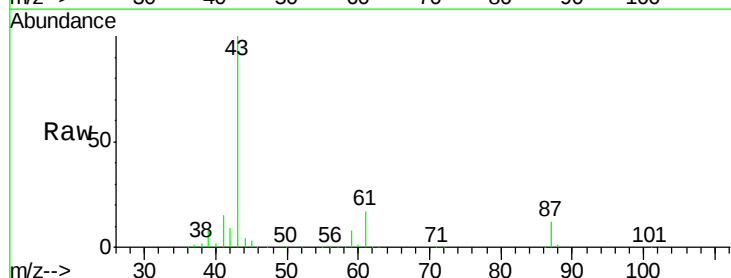
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0

61 17.5 14.4 21.6

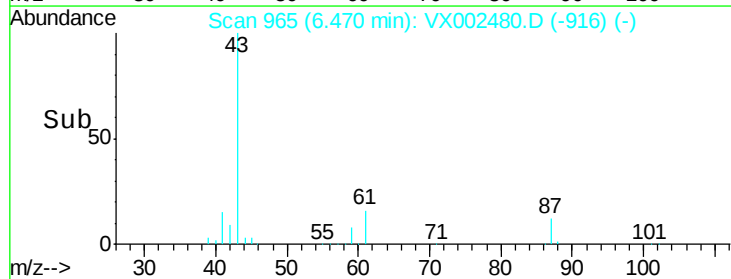
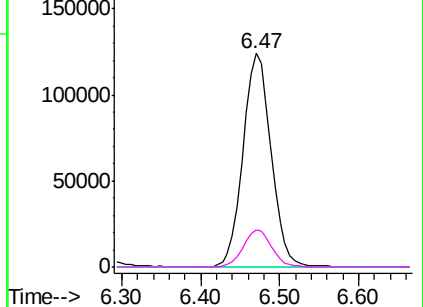


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.76 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

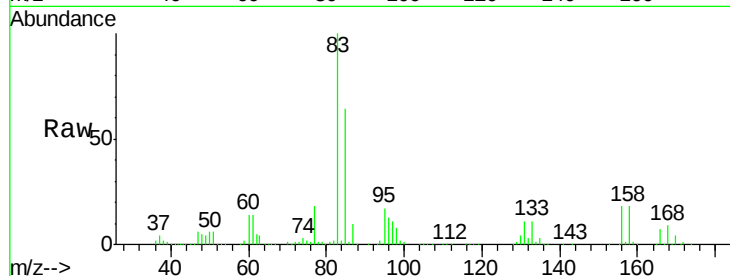
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 83 Resp: 198299

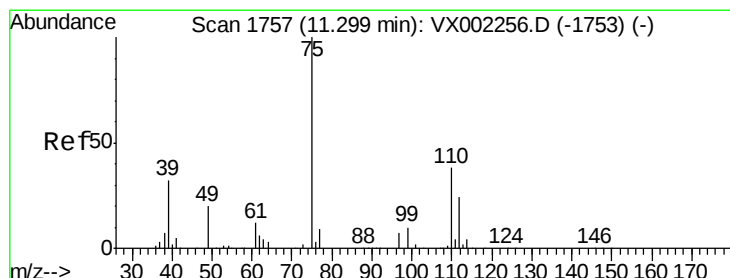
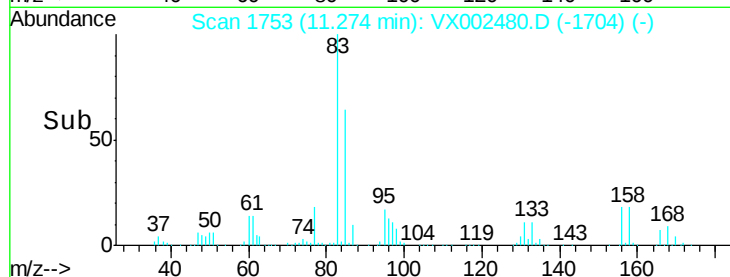
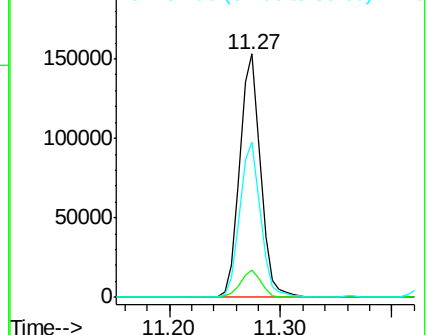
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	64.0	32.4	97.2



Abundance Ion 82.90 (82.60 to 83.60): VX002480.D (-1704) (-)

Ion 130.80 (130.50 to 131.50): VX002480.D (-1704) (-)

Ion 84.90 (84.60 to 85.60): VX002480.D (-1704) (-)



#76

1,2,3-Trichloropropane

Concen: 52.93 ug/l

RT: 11.30 min Scan# 1757

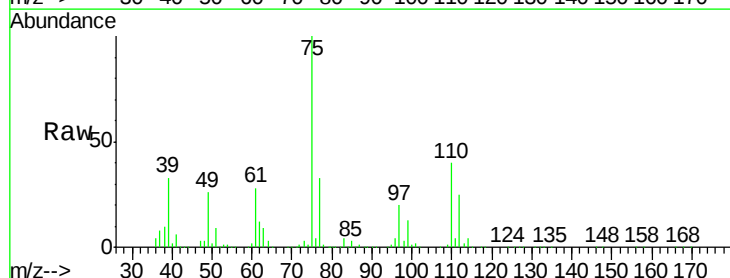
Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

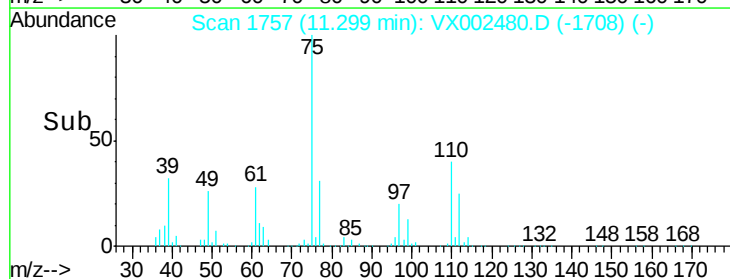
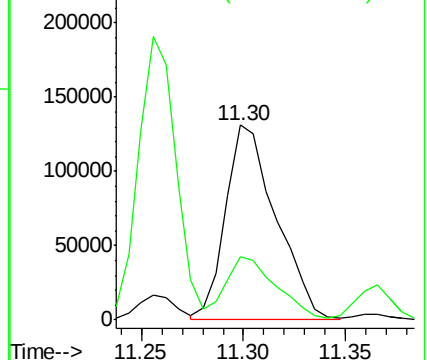
Tgt Ion: 75 Resp: 225138

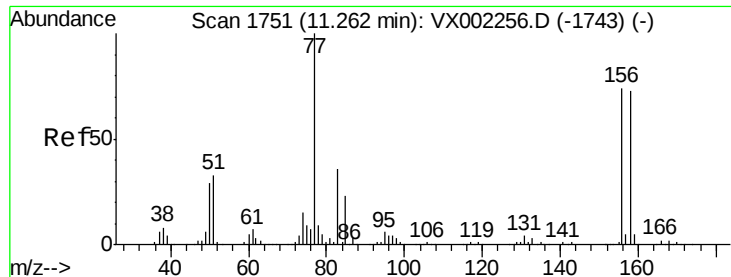
Ion	Ratio	Lower	Upper
75	100		
77	32.4	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX002480.D (-1708) (-)

Ion 77.00 (76.70 to 77.70): VX002480.D (-1708) (-)





#77

Bromobenzene

Concen: 46.24 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampled :

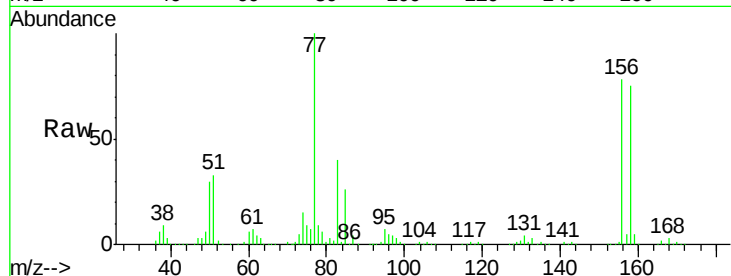
Tot Ion:156 Resp: 175049

Ion Ratio Lower Upper

156 100

77 139.0 71.4 214.2

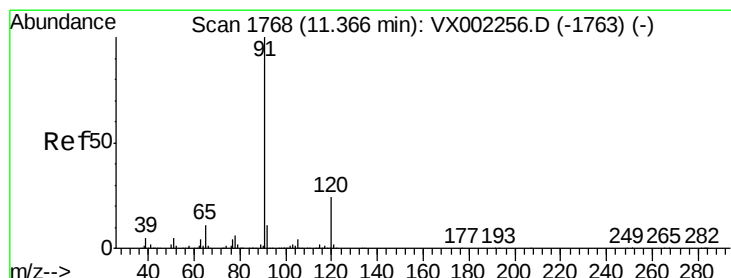
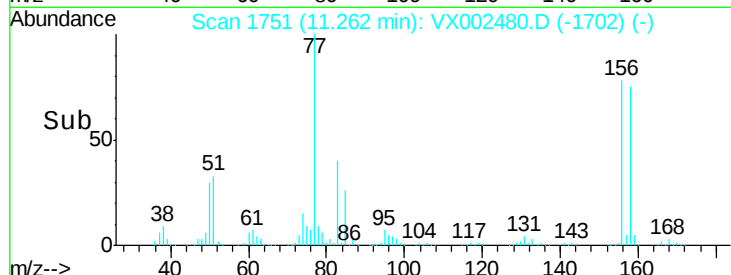
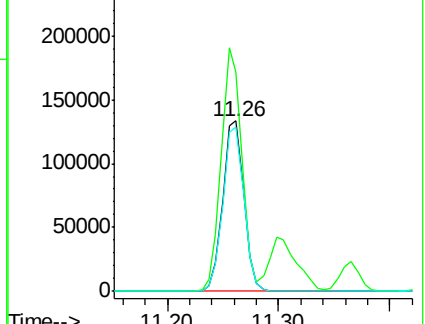
158 96.8 48.9 146.6



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: 46.65 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002480.D

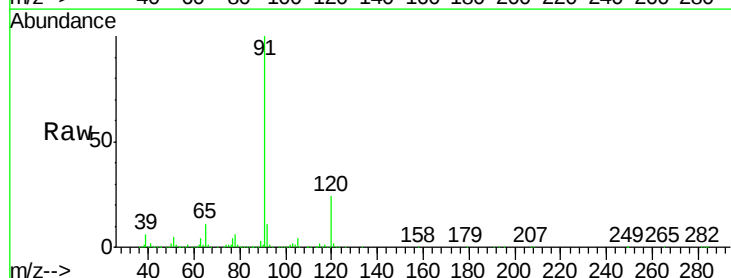
Acq: 12 Jun 2018 21:18

Tgt Ion: 91 Resp: 699114

Ion Ratio Lower Upper

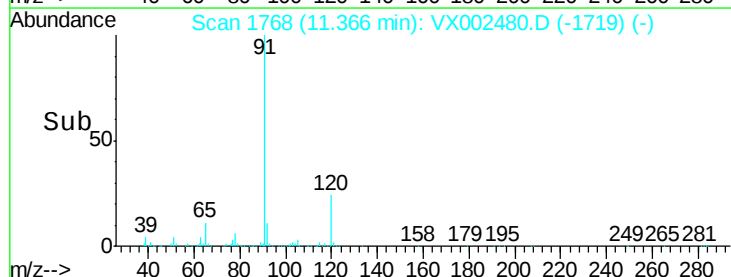
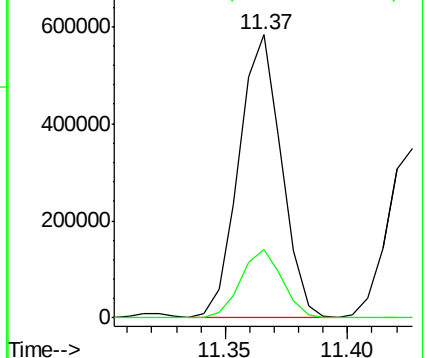
91 100

120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

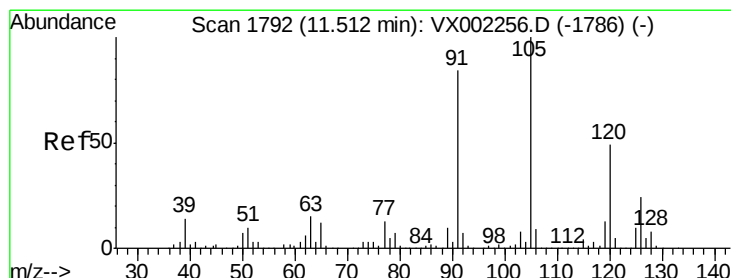
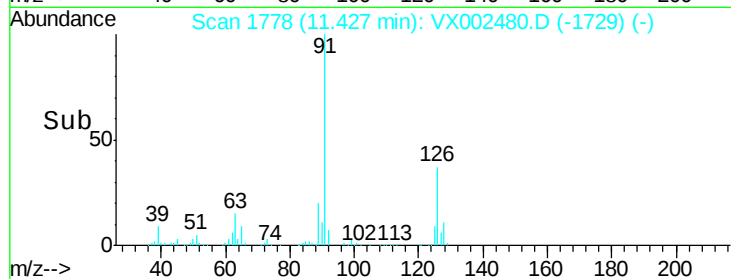
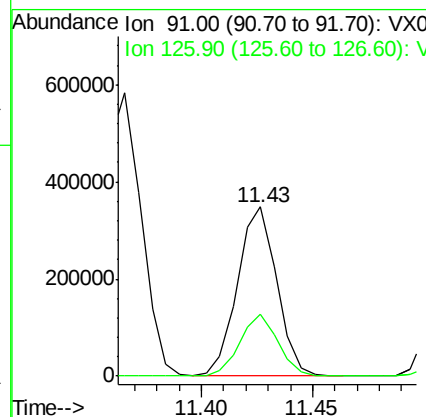
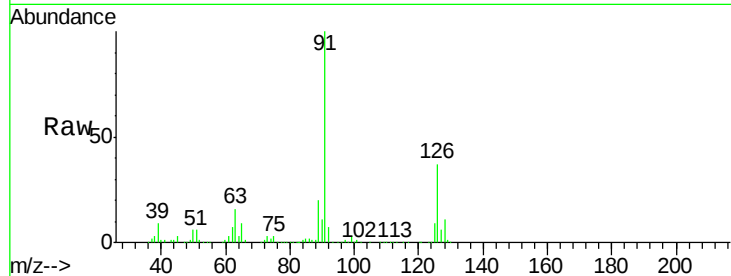




#79
 2-Chlorotoluene
 Concen: 45.00 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

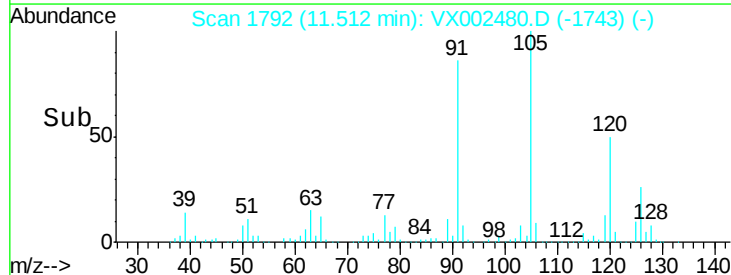
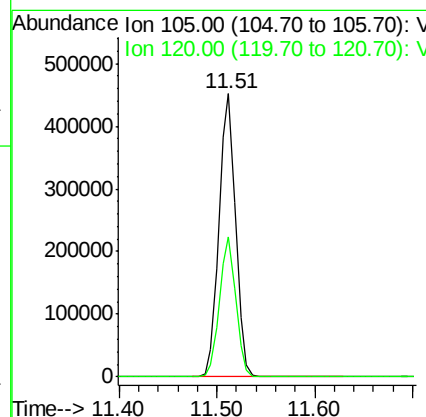
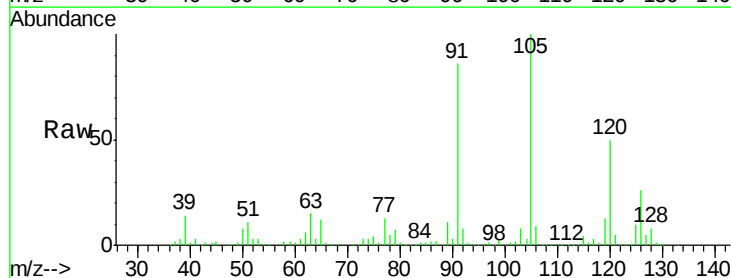
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 425866
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 46.09 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

Tgt Ion: 105 Resp: 533012
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 39.97 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

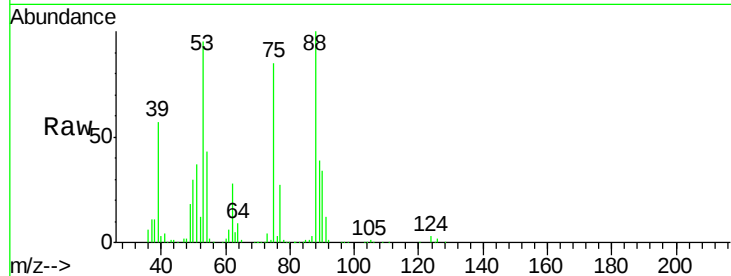
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 75 Resp: 48497

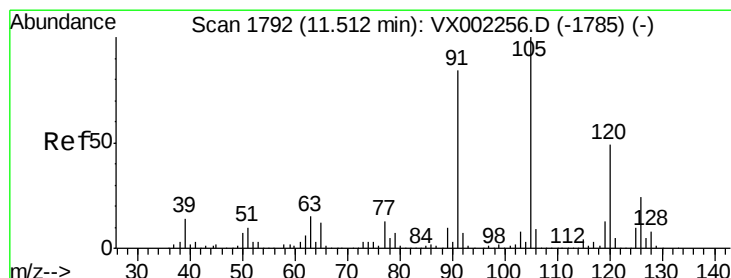
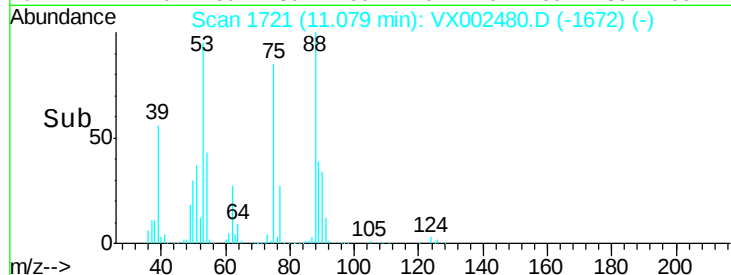
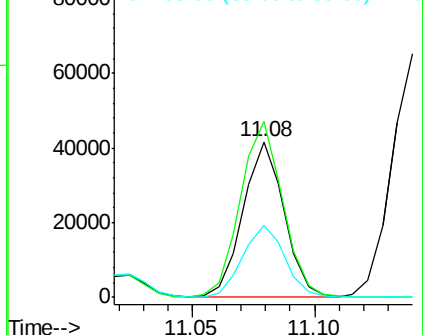
Ion	Ratio	Lower	Upper
75	100		
53	116.6	86.8	130.2
89	47.4	38.2	57.2



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: 46.06 ug/l

RT: 11.51 min Scan# 1792

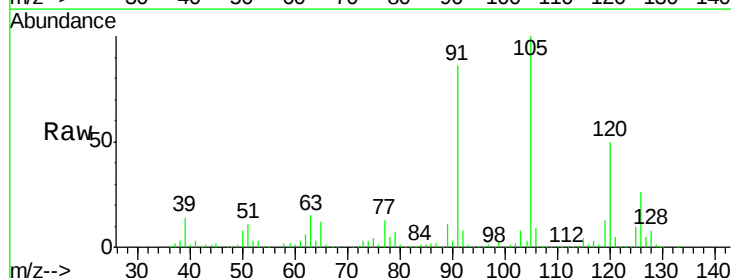
Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

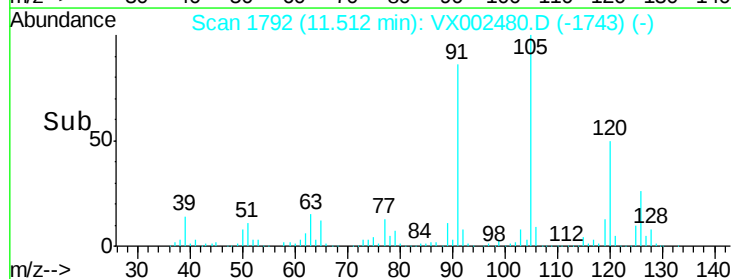
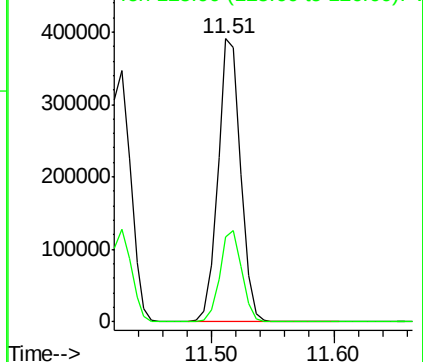
Tgt Ion: 91 Resp: 503144

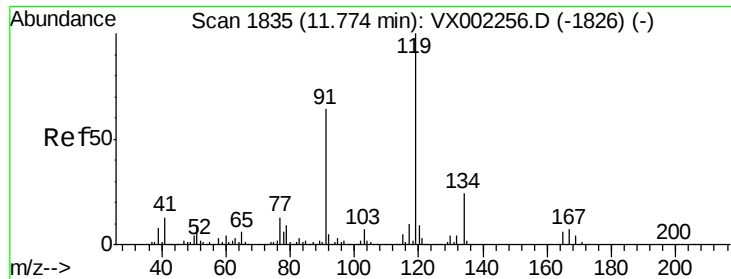
Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

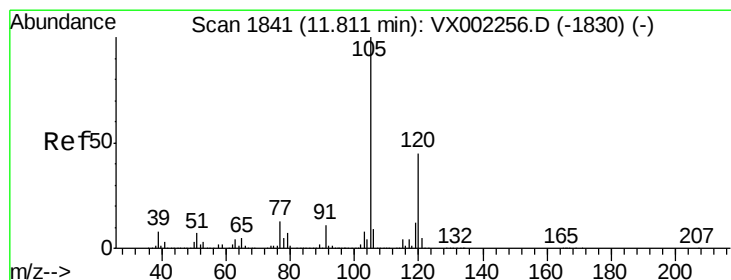
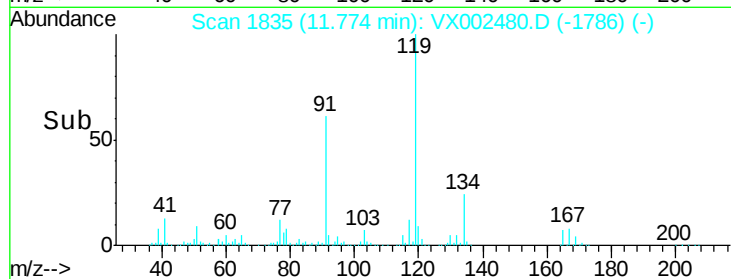
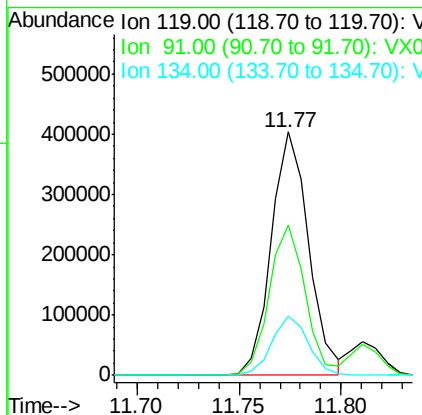
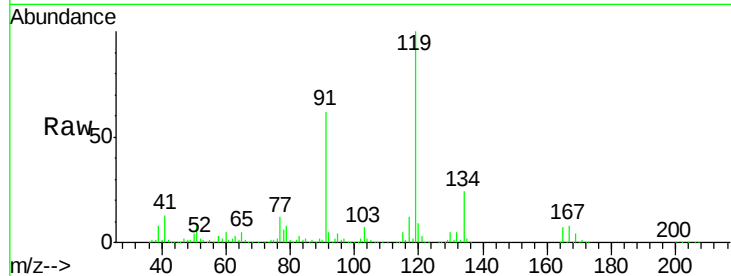




#83
 tert-Butylbenzene
 Concen: 45.80 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

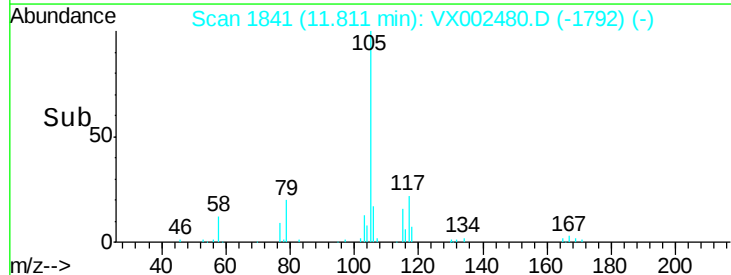
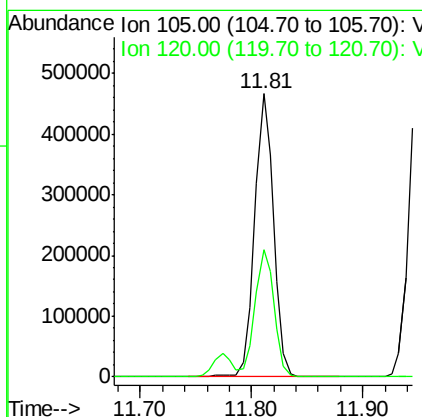
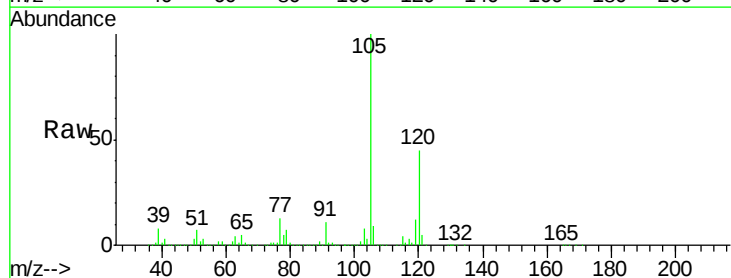
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 515790
 Ion Ratio Lower Upper
 119 100
 91 59.6 30.3 90.9
 134 23.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.28 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

Tgt Ion:105 Resp: 551007
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 47.29 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

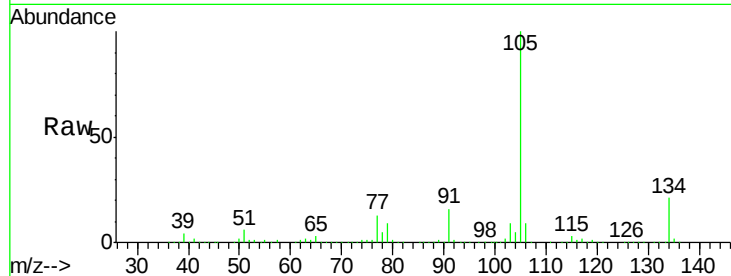
ClientSampleId :

Tot Ion:105 Resp: 624356

Ion Ratio Lower Upper

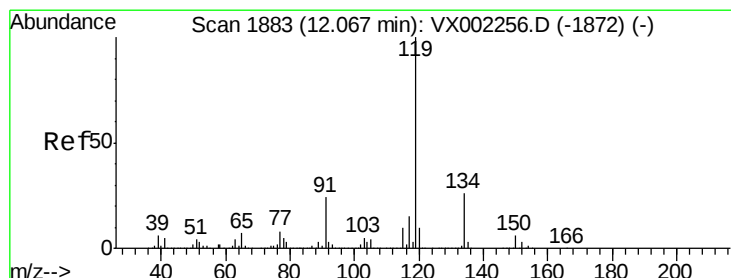
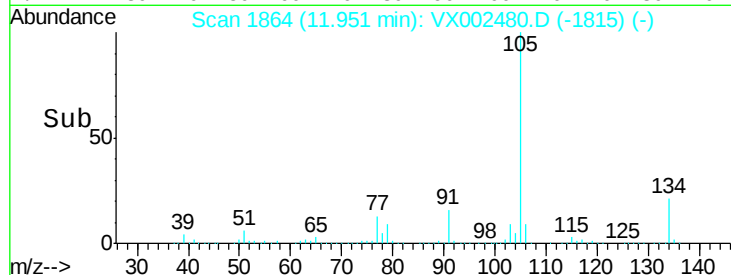
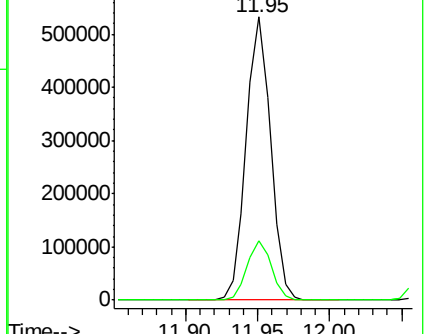
105 100

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: 47.30 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

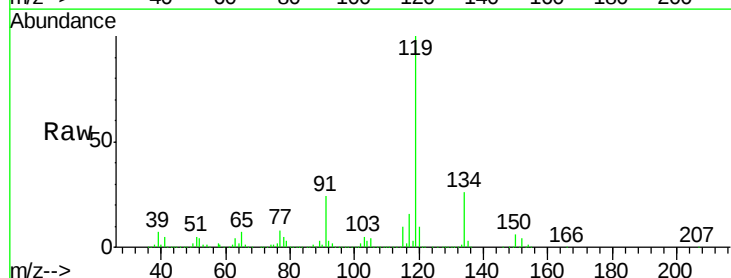
Tgt Ion:119 Resp: 568885

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

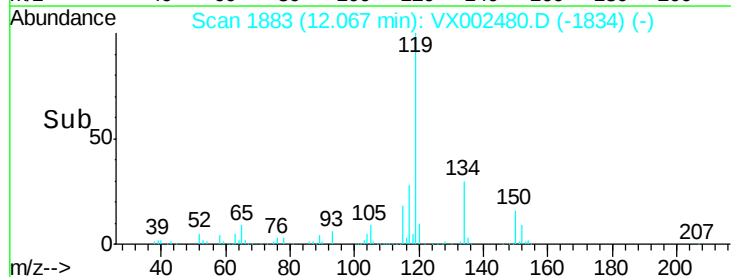
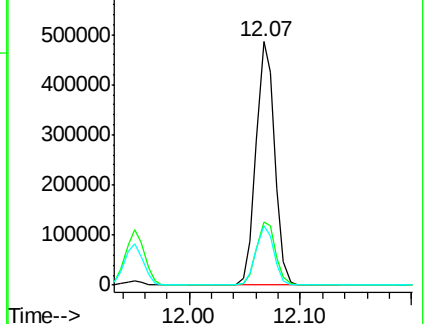
91 23.7 11.9 35.7

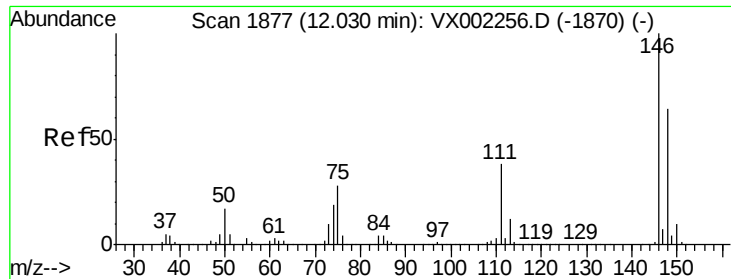


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

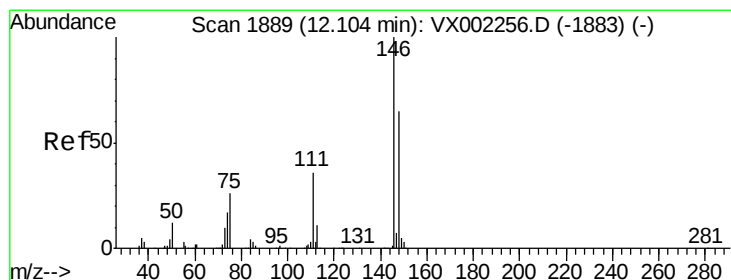
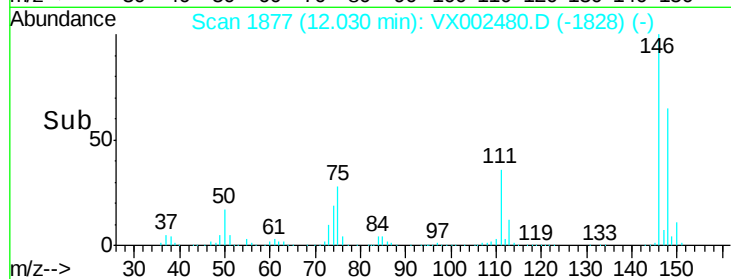
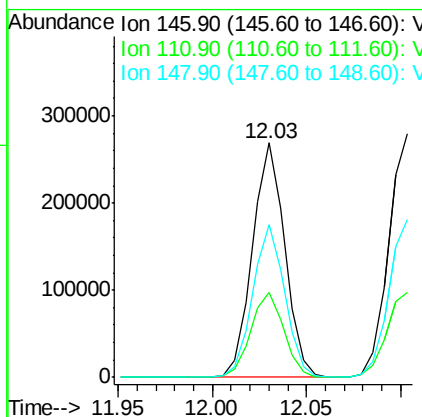
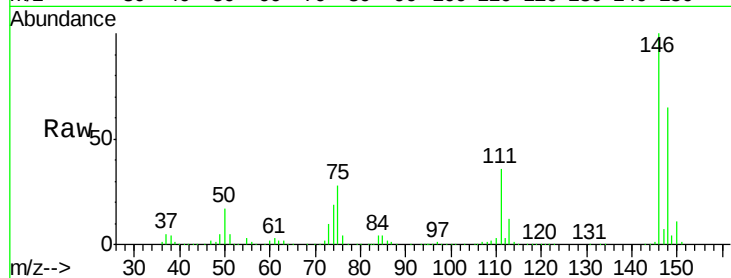




#87
 1,3-Dichlorobenzene
 Concen: 47.27 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

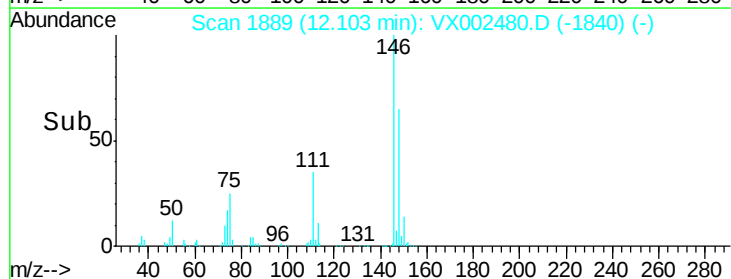
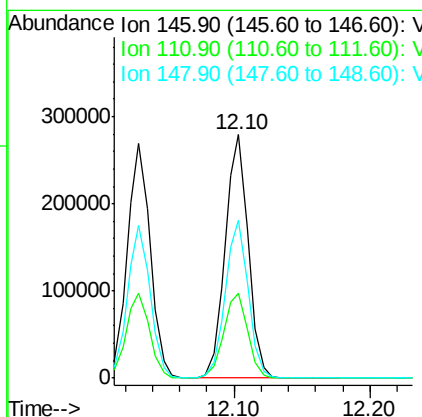
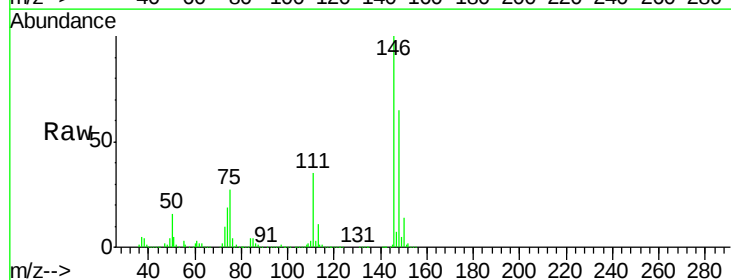
Instrument :
 MSVOA_X
 ClientSampleId :

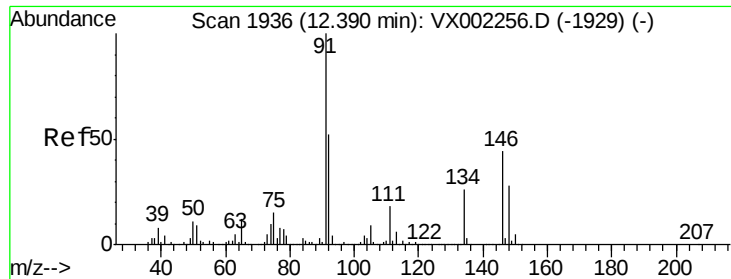
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.7
148	64.4	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.88 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.7	56.1
148	64.6	32.4	97.0





#89

n-Butylbenzene

Concen: 48.66 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampled :

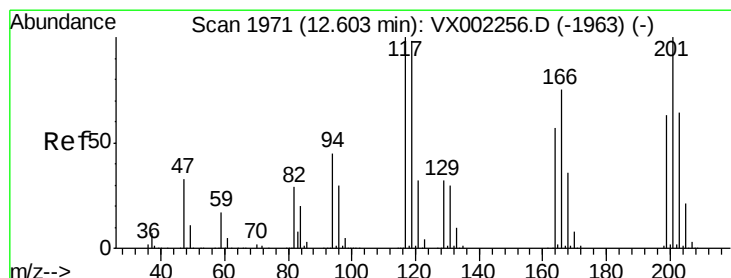
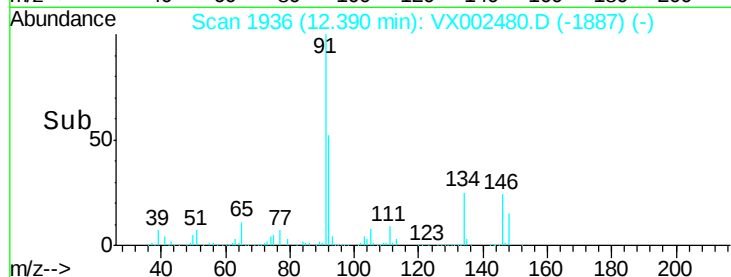
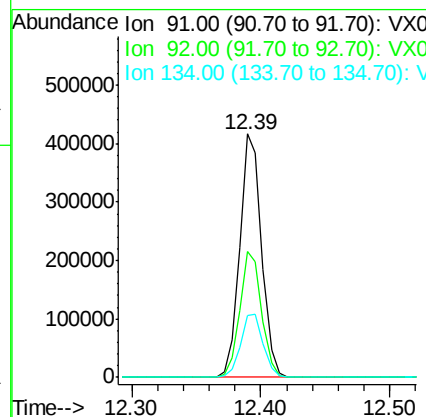
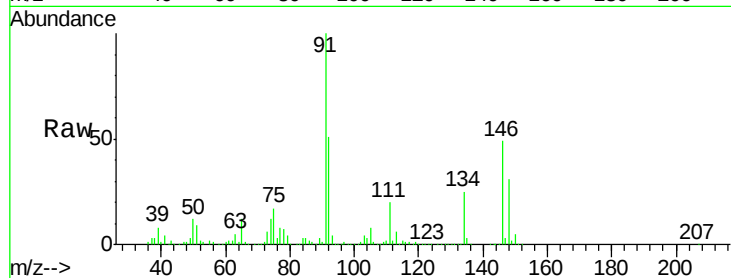
Tot Ion: 91 Resp: 490760

Ion Ratio Lower Upper

91 100

92 51.5 26.0 78.0

134 26.8 13.5 40.5



#90

Hexachloroethane

Concen: 44.01 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002480.D

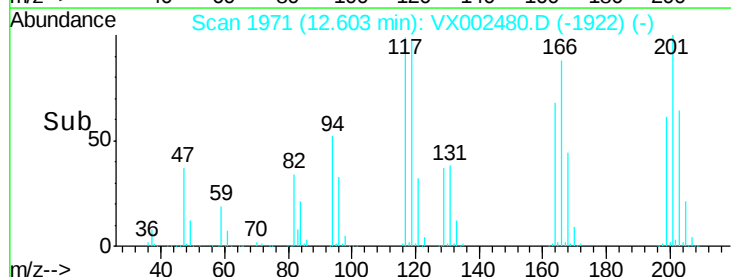
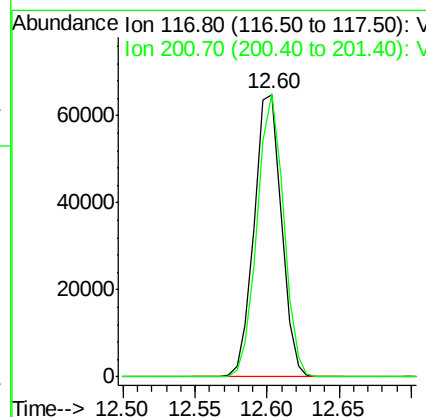
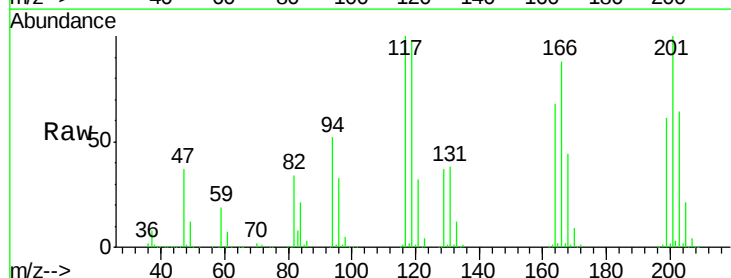
Acq: 12 Jun 2018 21:18

Tgt Ion: 117 Resp: 84485

Ion Ratio Lower Upper

117 100

201 96.7 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 47.37 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

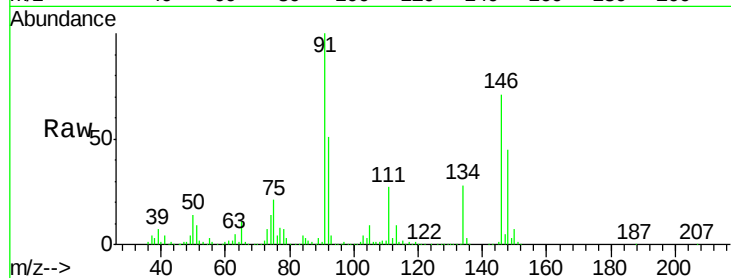
Tot Ion:146 Resp: 331758

Ion Ratio Lower Upper

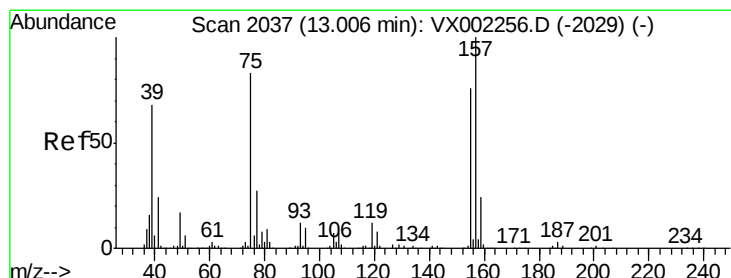
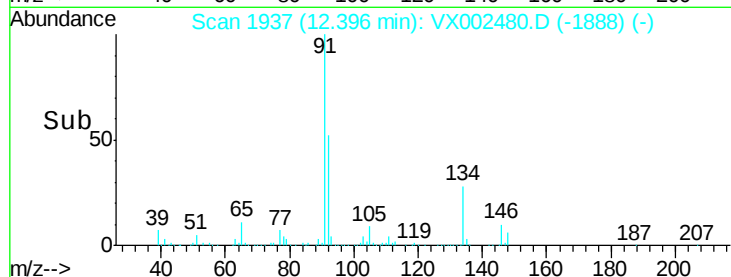
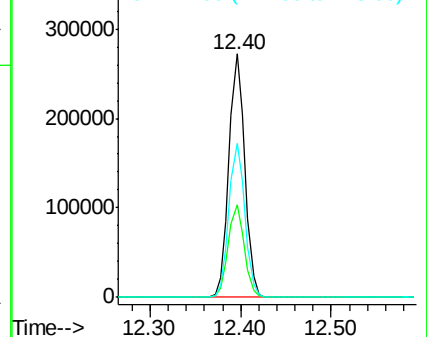
146 100

111 38.3 19.4 58.1

148 63.9 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.60 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

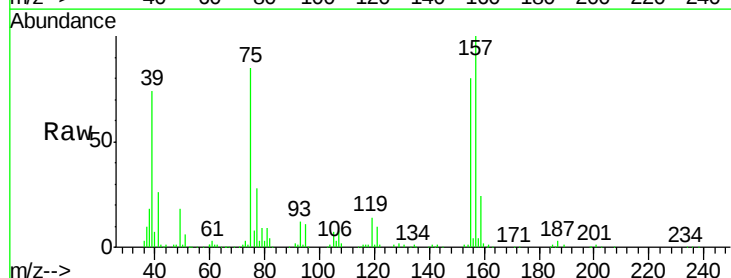
Tgt Ion: 75 Resp: 44143

Ion Ratio Lower Upper

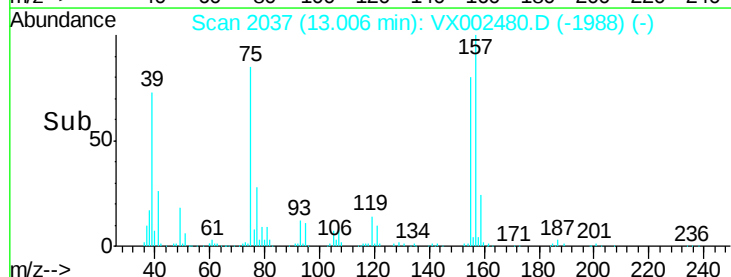
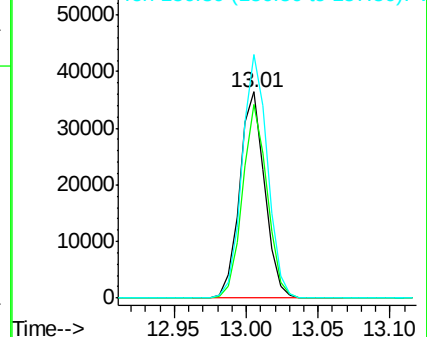
75 100

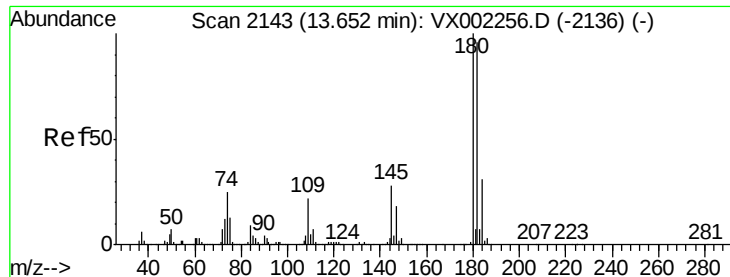
155 91.8 45.8 137.4

157 119.2 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

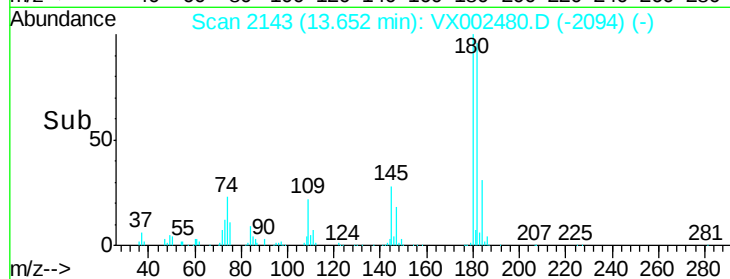
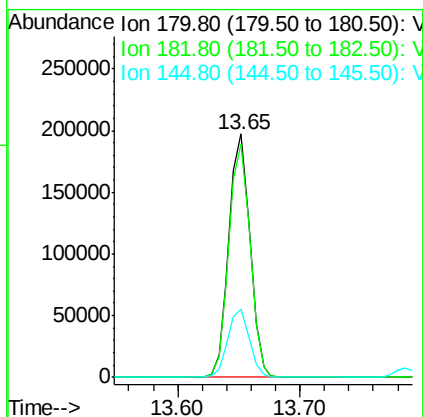
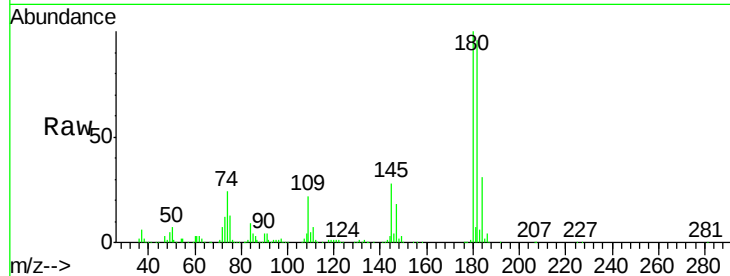




#93
 1,2,4-Trichlorobenzene
 Concen: 47.82 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

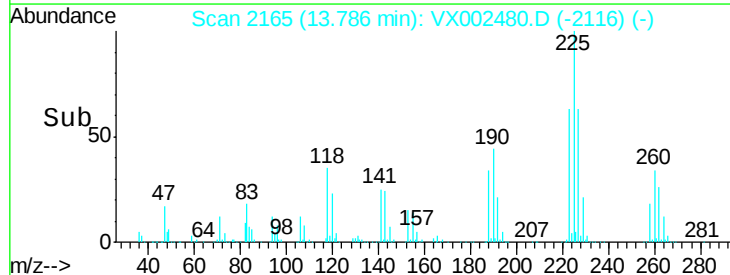
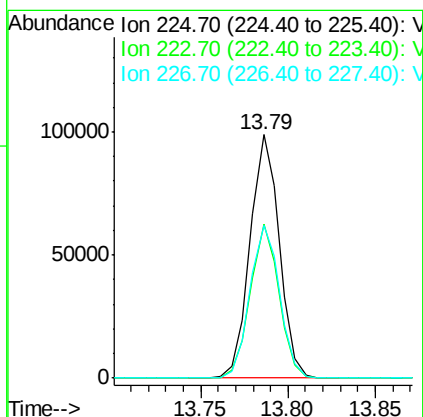
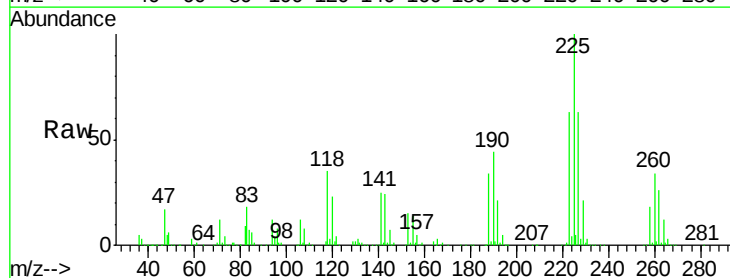
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.7	143.1
145	28.4	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 47.49 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002480.D
 Acq: 12 Jun 2018 21:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.6	95.0
227	63.7	32.4	97.2





#95

Naphthalene

Concen: 48.93 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

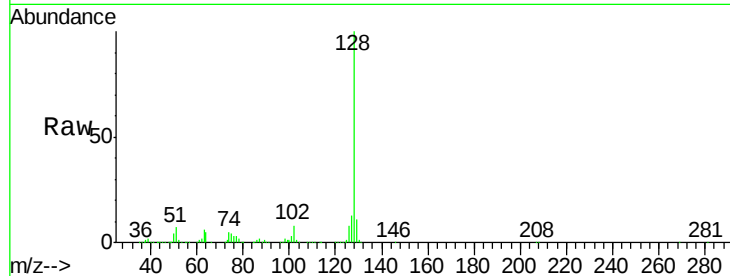
Tot Ion:128 Resp: 690327

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

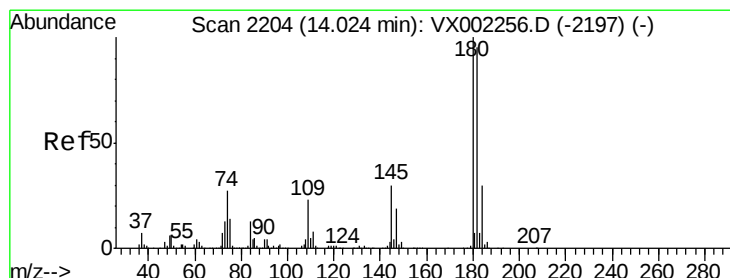
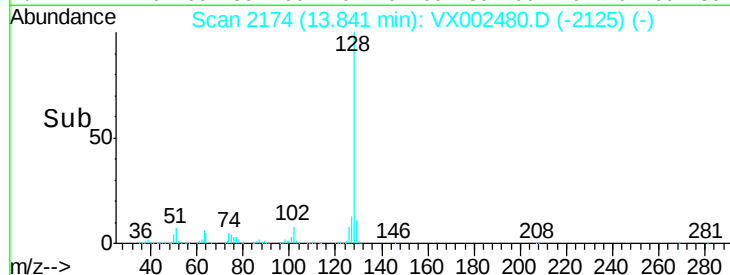
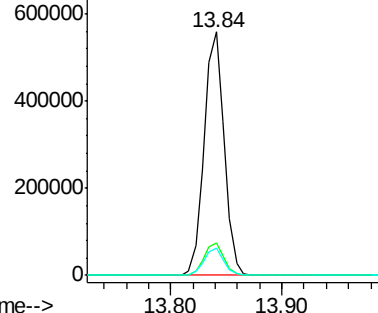
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.58 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002480.D

Acq: 12 Jun 2018 21:18

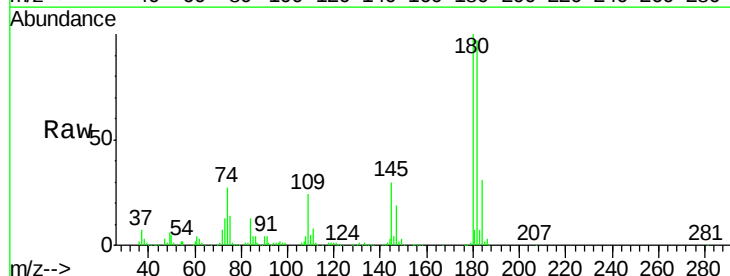
Tgt Ion:180 Resp: 243303

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 29.7 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

