

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002550.D
 Acq On : 14 Jun 2018 14:35
 Operator : JC/MD
 Sample : VX0614WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 01:30:03 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	275006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	219555	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	200204	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
35) Dibromofluoromethane	5.51	113	157913	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
50) Toluene-d8	8.72	98	616199	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.14	95	226953	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	39905	13.96	ug/l	100
3) Chloromethane	1.32	50	45847	11.80	ug/l	96
4) Vinyl Chloride	1.40	62	51326	14.25	ug/l	99
5) Bromomethane	1.64	94	29205	11.77	ug/l	96
6) Chloroethane	1.73	64	35632	15.29	ug/l	98
7) Trichlorofluoromethane	1.93	101	88586	16.14	ug/l	100
8) Diethyl Ether	2.19	74	35018	16.34	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53125	17.93	ug/l	99
10) Methyl Iodide	2.51	142	54385	13.05	ug/l	99
11) Tert butyl alcohol	3.07	59	75009	79.58	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44319	15.14	ug/l	99
13) Acrolein	2.29	56	12344	22.74	ug/l	98
14) Allyl chloride	2.73	41	91286	14.37	ug/l	99
15) Acrylonitrile	3.15	53	154183	85.76	ug/l	100
16) Acetone	2.45	43	156020	79.15	ug/l	98
17) Carbon Disulfide	2.57	76	90467	11.72	ug/l	100
18) Methyl Acetate	2.78	43	74770	17.21	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	189802	17.04	ug/l	99
20) Methylene Chloride	2.86	84	53984	15.45	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	48563	15.04	ug/l	97
22) Diisopropyl ether	3.87	45	189047	16.82	ug/l	97
23) Vinyl Acetate	3.82	43	834168	80.99	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100195	15.96	ug/l	98
25) 2-Butanone	4.71	43	213279	79.10	ug/l	97
26) 2,2-Dichloropropane	4.59	77	70243	14.31	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	55661	15.85	ug/l	93
28) Bromochloromethane	5.03	49	47127	15.17	ug/l	97
29) Tetrahydrofuran	5.17	42	135915	78.18	ug/l	98
30) Chloroform	5.21	83	93143	15.37	ug/l	98
31) Cyclohexane	5.57	56	77585	15.62	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	78280	15.23	ug/l	100
36) 1,1-Dichloropropene	5.80	75	63972	15.35	ug/l	99
37) Ethyl Acetate	4.86	43	83938	16.75	ug/l	99
38) Carbon Tetrachloride	5.78	117	66720	15.31	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 01:30:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79298	15.59	ug/l	97
40) Benzene	6.15	78	194913	15.26	ug/l	99
41) Methacrylonitrile	5.07	41	47388	16.52	ug/l	99
42) 1,2-Dichloroethane	6.20	62	82287	16.21	ug/l	100
43) Isopropyl Acetate	6.46	43	135357	15.90	ug/l	99
44) Trichloroethene	7.21	130	56612	15.97	ug/l	97
45) 1,2-Dichloropropane	7.52	63	54252	15.73	ug/l	99
46) Dibromomethane	7.67	93	37579	16.07	ug/l	98
47) Bromodichloromethane	7.90	83	63675	15.06	ug/l	96
48) Methyl methacrylate	7.78	41	67507	15.79	ug/l	97
49) 1,4-Dioxane	7.76	88	28117	351.75	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	439121	82.85	ug/l	100
52) Toluene	8.79	92	128285	15.79	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	76872	15.16	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	71011	14.84	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	55060	16.48	ug/l	99
56) Ethyl methacrylate	9.18	69	85550	16.03	ug/l	98
57) 1,3-Dichloropropane	9.37	76	90524	16.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	203048	82.22	ug/l	99
59) 2-Hexanone	9.50	43	333884	81.56	ug/l	99
60) Dibromochloromethane	9.59	129	50224	14.94	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56457	16.20	ug/l	99
64) Tetrachloroethene	9.34	164	60552	15.68	ug/l	98
65) Chlorobenzene	10.14	112	148908	15.98	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	52475	15.56	ug/l	99
67) Ethyl Benzene	10.26	91	253863	16.28	ug/l	99
68) m/p-Xylenes	10.36	106	193420	31.91	ug/l	99
69) o-Xylene	10.70	106	95924	15.90	ug/l	99
70) Styrene	10.71	104	157041	15.93	ug/l	100
71) Bromoform	10.86	173	37218	14.92	ug/l #	100
73) Isopropylbenzene	11.02	105	263556	17.26	ug/l	100
74) N-amyl acetate	6.46	43	135357	16.45	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81939	17.06	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	90971	18.88	ug/l	80
77) Bromobenzene	11.26	156	72852	16.99	ug/l	97
78) n-propylbenzene	11.37	91	299610	17.65	ug/l	100
79) 2-Chlorotoluene	11.43	91	175386	16.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	220568	16.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19535	14.21	ug/l	89
82) 4-Chlorotoluene	11.51	91	209608	16.94	ug/l	100
83) tert-Butylbenzene	11.77	119	218445	17.12	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	226990	16.83	ug/l	99
85) sec-Butylbenzene	11.95	105	269639	18.03	ug/l	99
86) p-Isopropyltoluene	12.07	119	243389	17.87	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	130971	17.08	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132849	16.81	ug/l	98
89) n-Butylbenzene	12.39	91	211823	18.54	ug/l	100
90) Hexachloroethane	12.60	117	32248	14.83	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	134359	16.94	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16276	15.49	ug/l	99

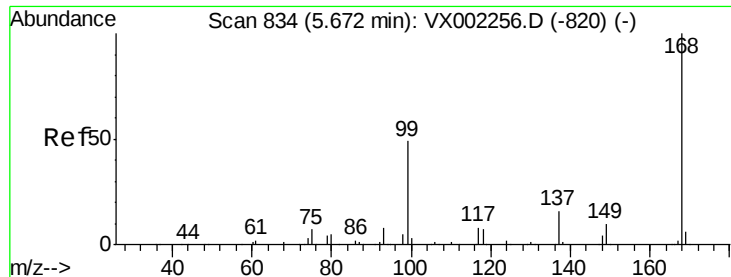
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
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MSVOA_X
ClientSampleId :

Quant Time: Jun 15 01:30:03 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)
93) 1,2,4-Trichlorobenzene	13.65	180	102049	18.35	ug/l	99
94) Hexachlorobutadiene	13.79	225	53440	19.44	ug/l	98
95) Naphthalene	13.84	128	280733	17.57	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	102209	18.02	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

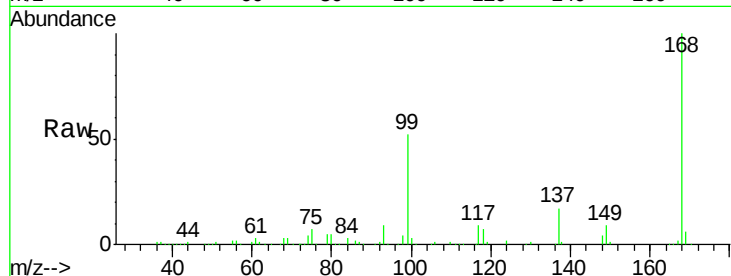
ClientSampleId :

Tot Ion:168 Resp: 275006

Ion Ratio Lower Upper

168 100

99 51.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

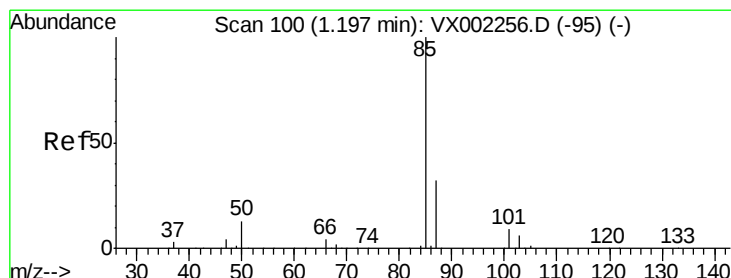
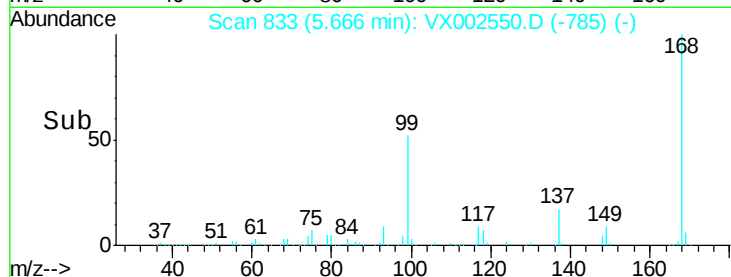
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 13.96 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002550.D

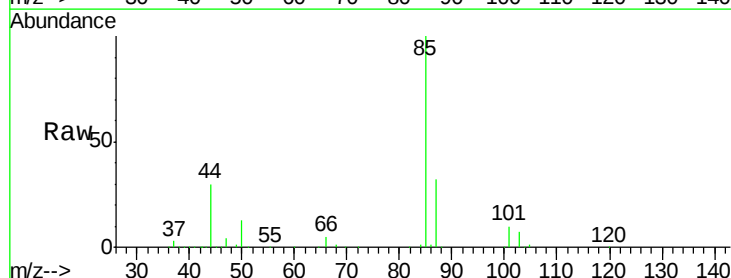
Acq: 14 Jun 2018 14:35

Tgt Ion: 85 Resp: 39905

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

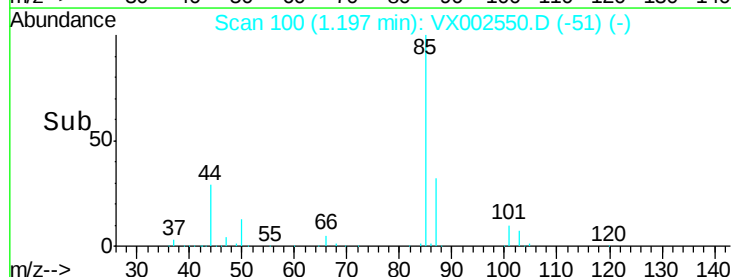
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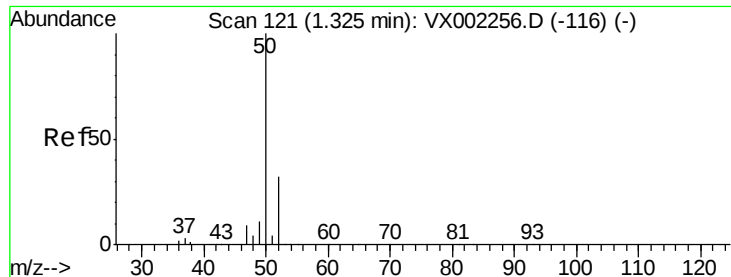
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 11.80 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

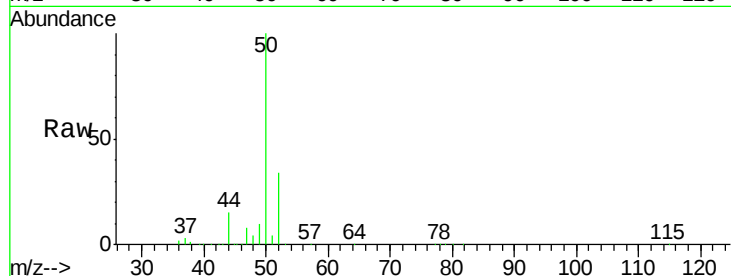
ClientSampled :

Tot Ion: 50 Resp: 45847

Ion Ratio Lower Upper

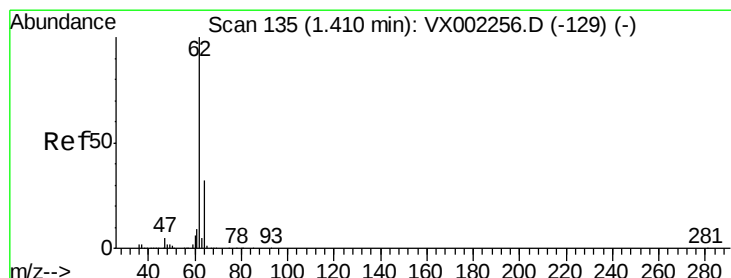
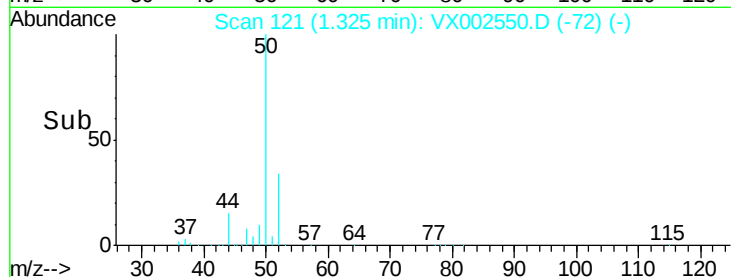
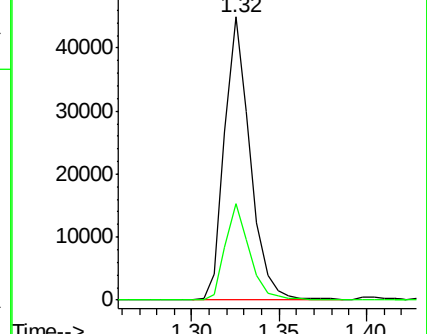
50 100

52 34.2 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: 14.25 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002550.D

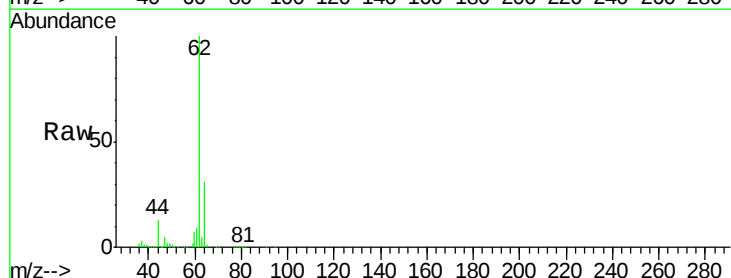
Acq: 14 Jun 2018 14:35

Tgt Ion: 62 Resp: 51326

Ion Ratio Lower Upper

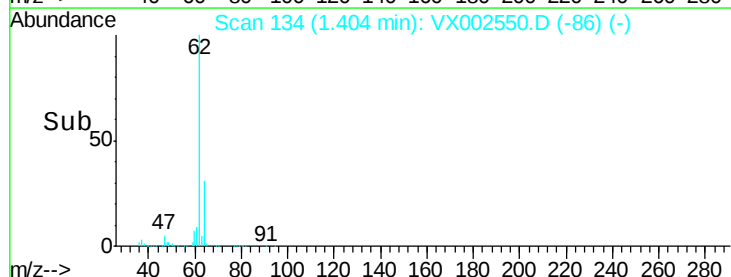
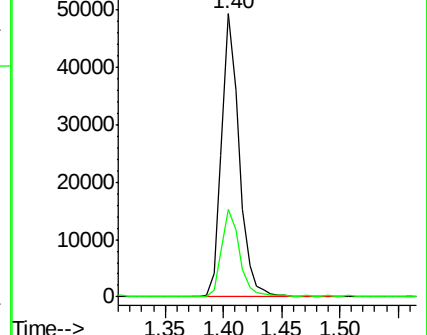
62 100

64 31.0 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: 11.77 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

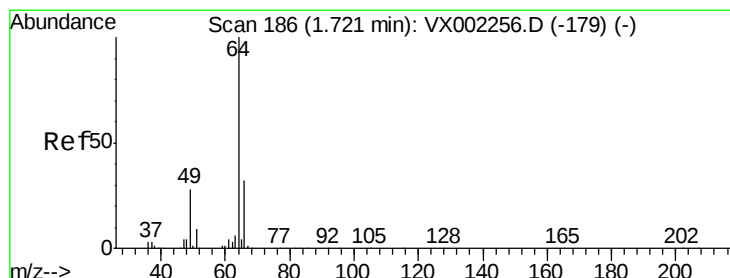
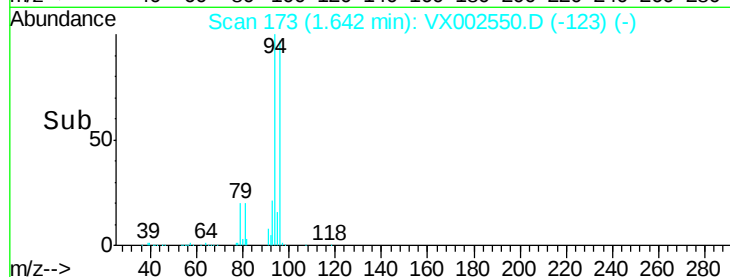
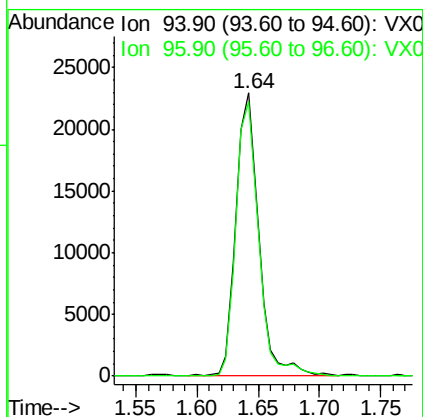
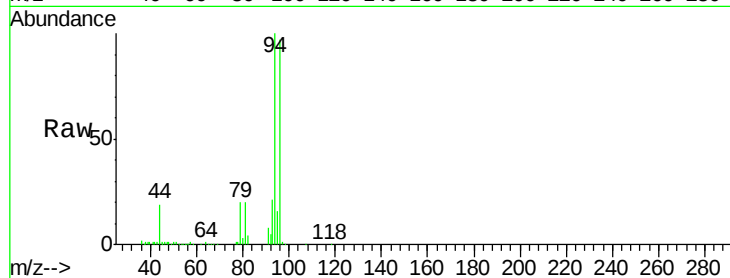
ClientSampled :

Tot Ion: 94 Resp: 29205

Ion Ratio Lower Upper

94 100

96 97.1 74.9 112.3



#6

Chloroethane

Concen: 15.29 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002550.D

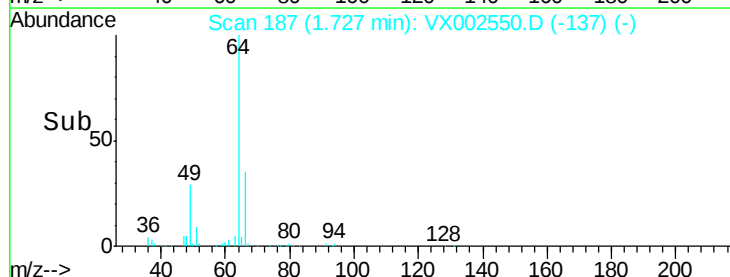
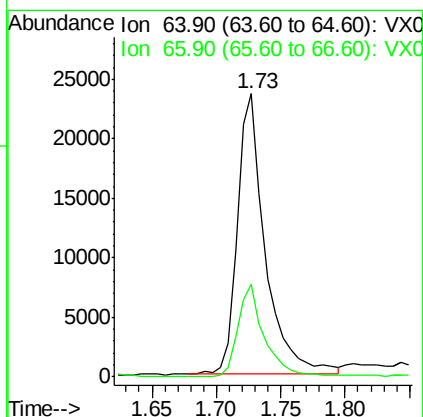
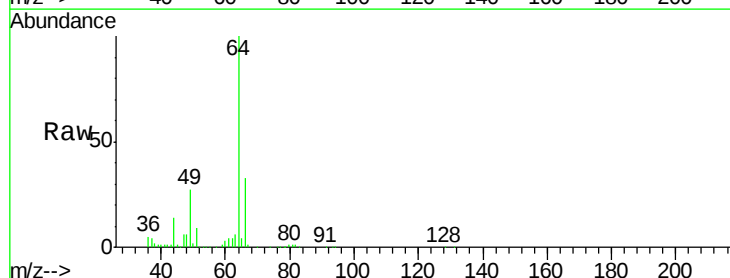
Acq: 14 Jun 2018 14:35

Tgt Ion: 64 Resp: 35632

Ion Ratio Lower Upper

64 100

66 33.0 25.5 38.3



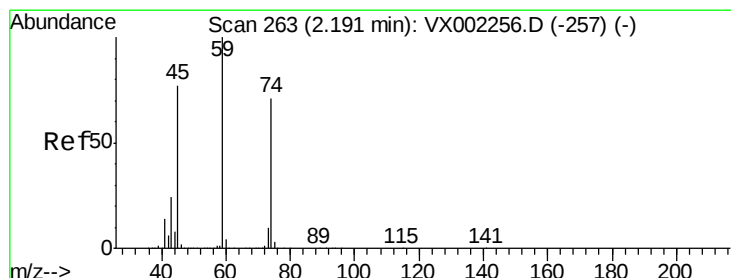
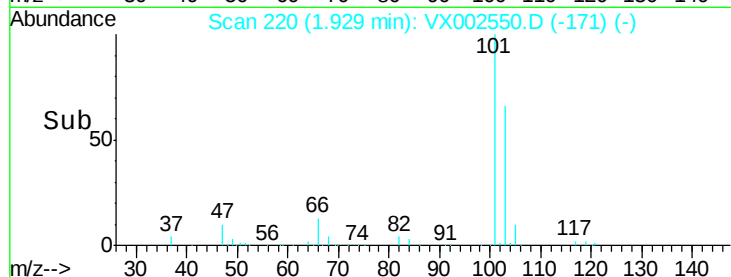
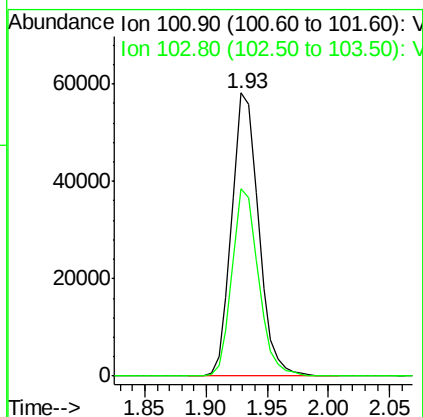
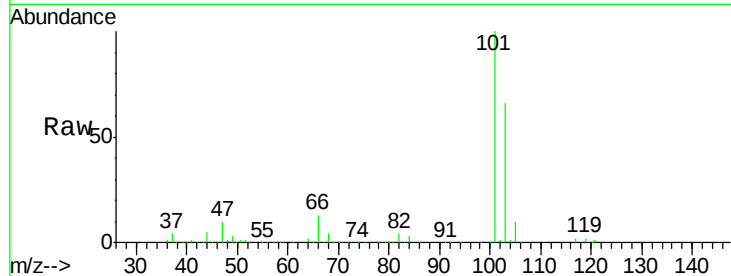


#7

Trichlorofluoromethane
Concen: 16.14 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :

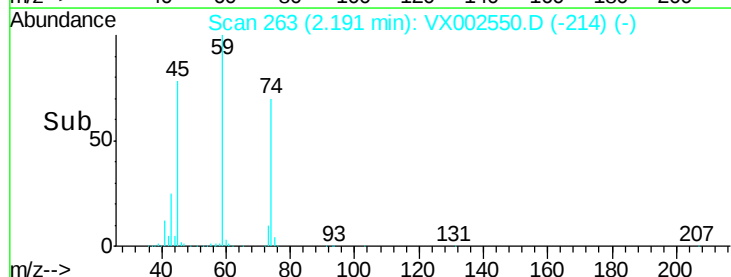
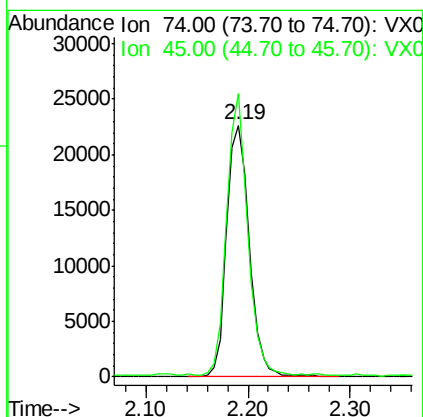
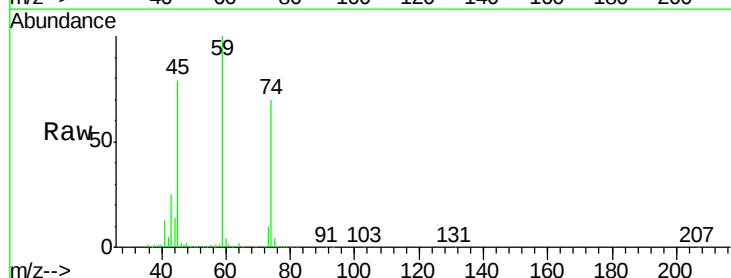
Tot Ion:101 Resp: 88586
Ion Ratio Lower Upper
101 100
103 66.1 52.8 79.2

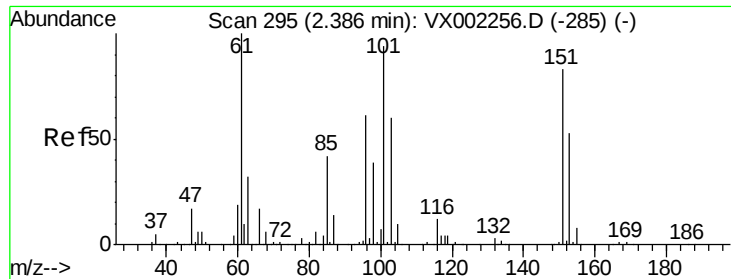


#8

Diethyl Ether
Concen: 16.34 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion: 74 Resp: 35018
Ion Ratio Lower Upper
74 100
45 102.6 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.93 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002550.D

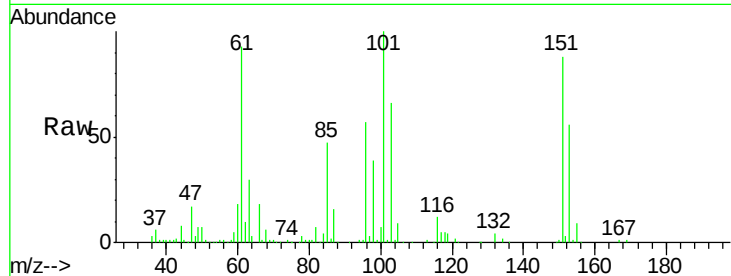
Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

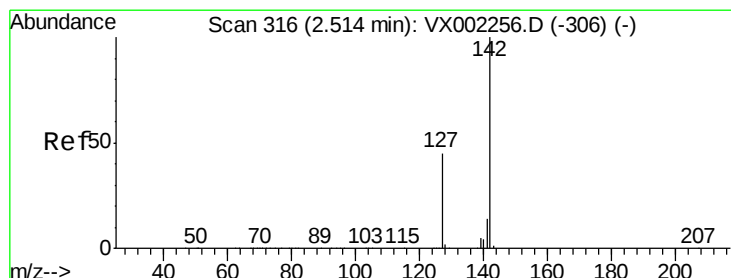
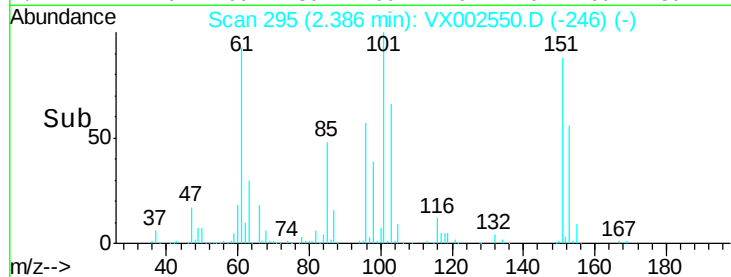
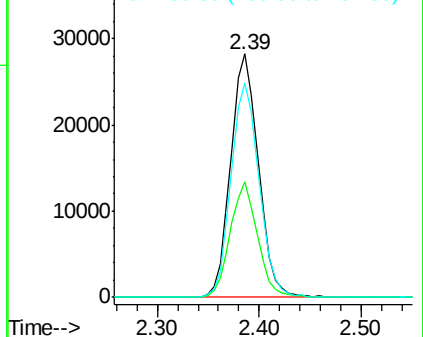
Tot Ion:	101	Resp:	53125
Ion	Ratio	Lower	Upper
101	100		
85	46.4	36.0	54.0
151	88.8	70.9	106.3



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: 13.05 ug/l

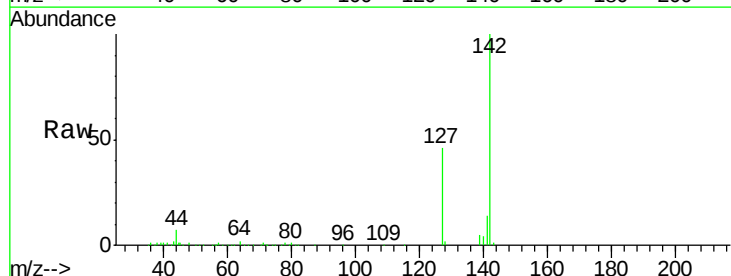
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

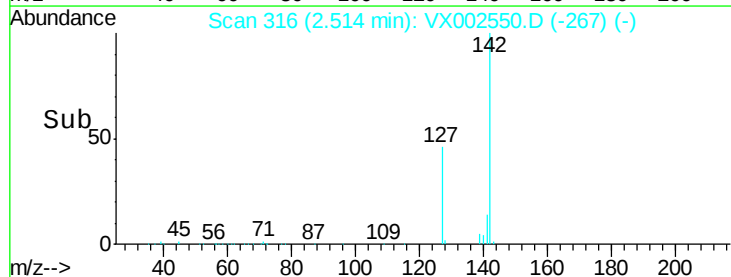
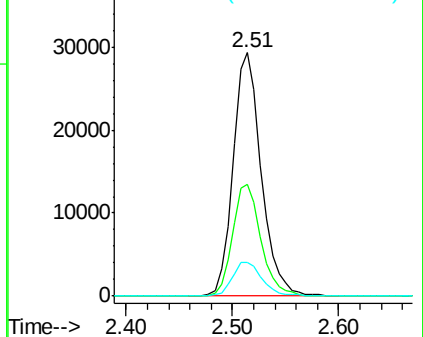
Tgt Ion:	142	Resp:	54385
Ion	Ratio	Lower	Upper
142	100		
127	46.6	36.6	55.0
141	14.7	11.3	16.9

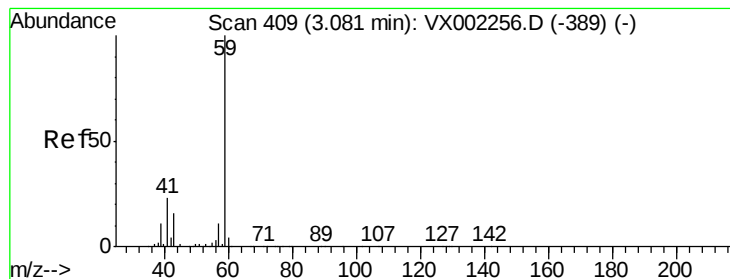


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



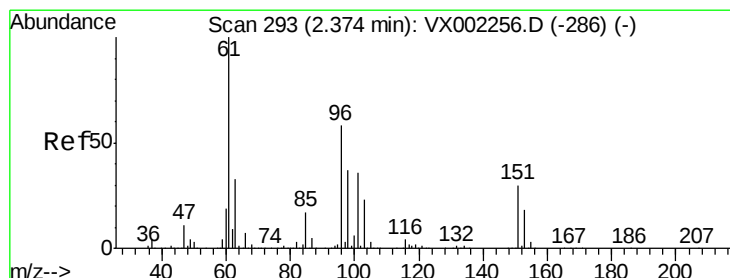
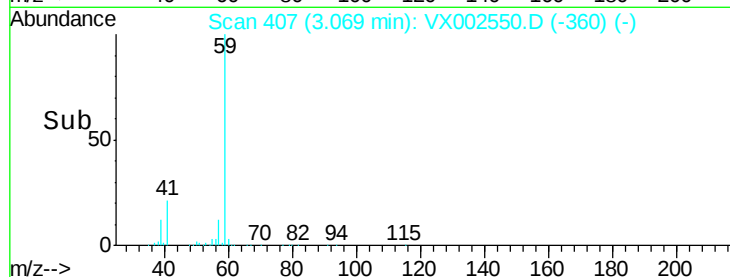
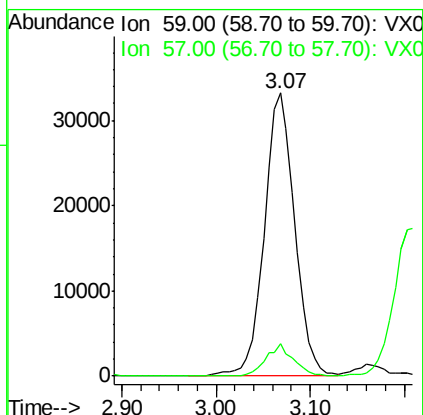
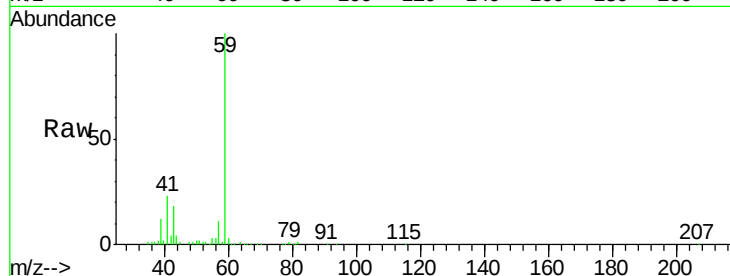


#11

Tert butyl alcohol
Concen: 79.58 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Instrument :
MSVOA_X
ClientSampled :

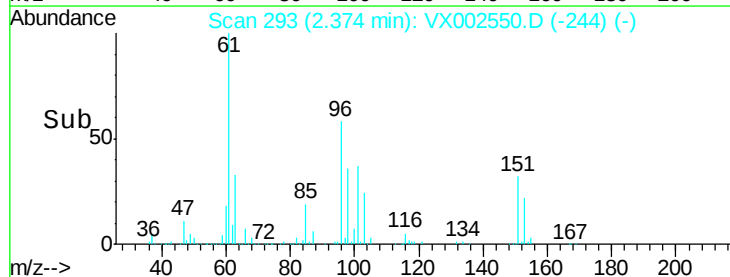
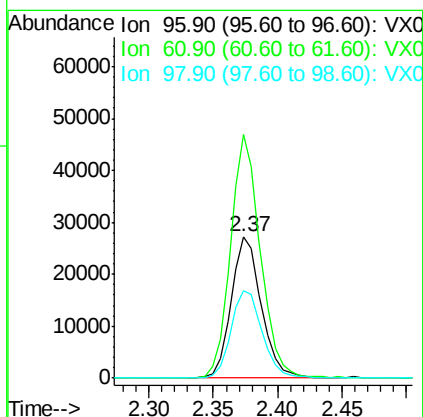
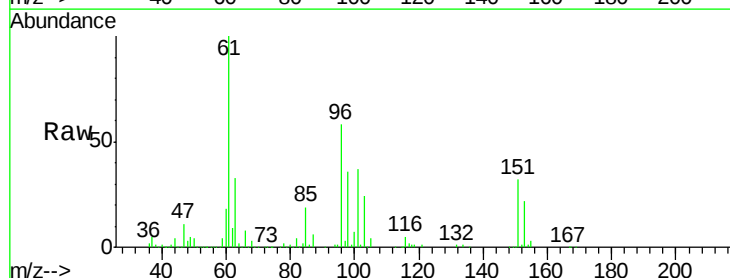
Tot Ion: 59 Resp: 75009
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

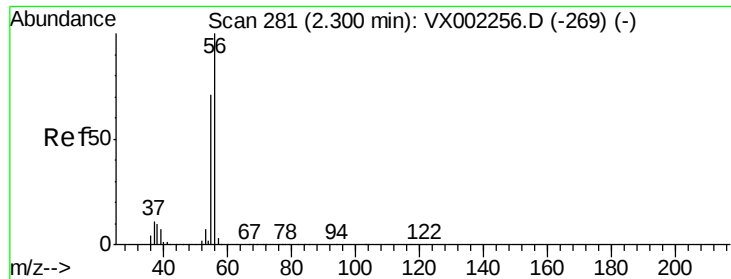


#12

1,1-Dichloroethene
Concen: 15.14 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion: 96 Resp: 44319
Ion Ratio Lower Upper
96 100
61 171.9 137.9 206.9
98 62.2 51.6 77.4





#13

Acrolein

Concen: 22.74 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

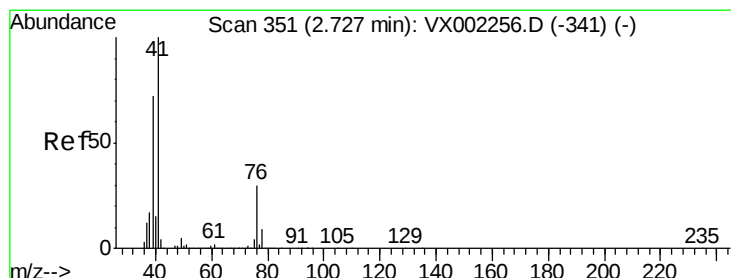
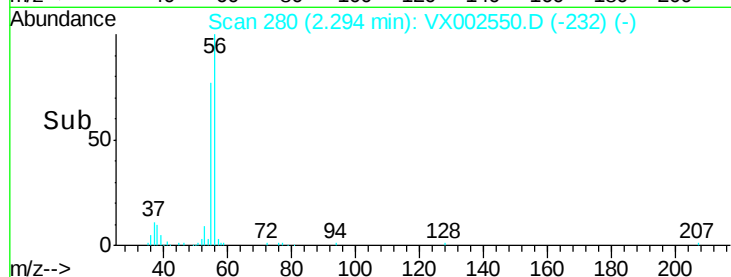
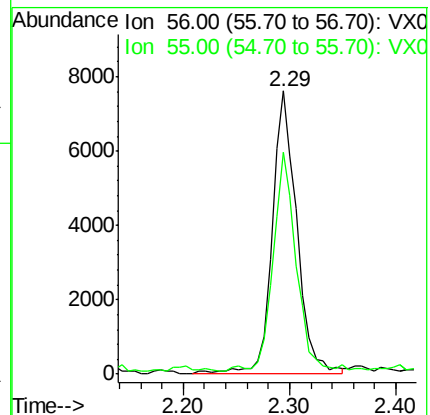
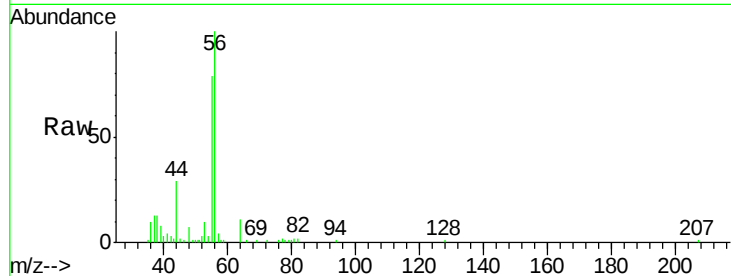
ClientSampleId :

Tot Ion: 56 Resp: 12344

Ion Ratio Lower Upper

56 100

55 72.7 57.0 85.4



#14

Allyl chloride

Concen: 14.37 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

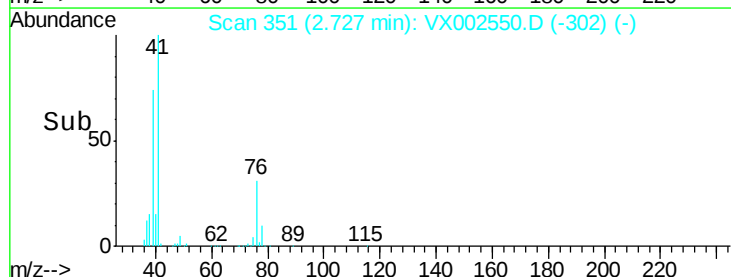
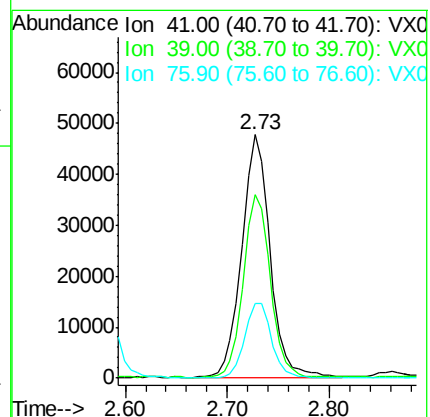
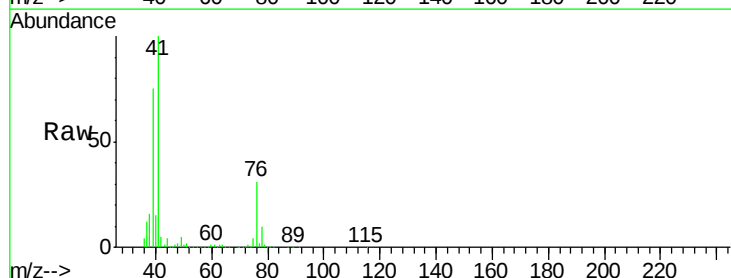
Tgt Ion: 41 Resp: 91286

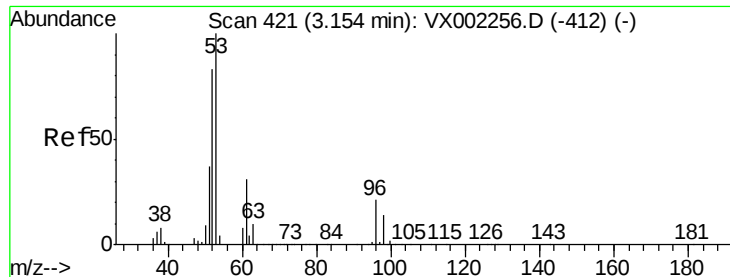
Ion Ratio Lower Upper

41 100

39 72.1 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 85.76 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :

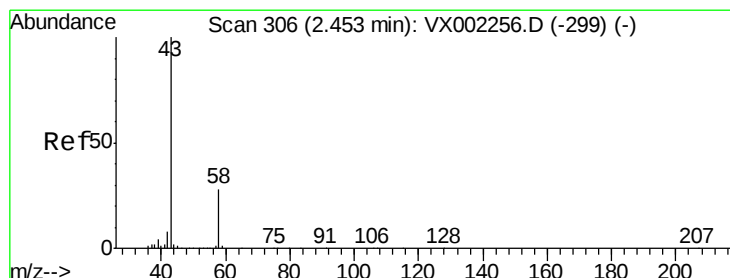
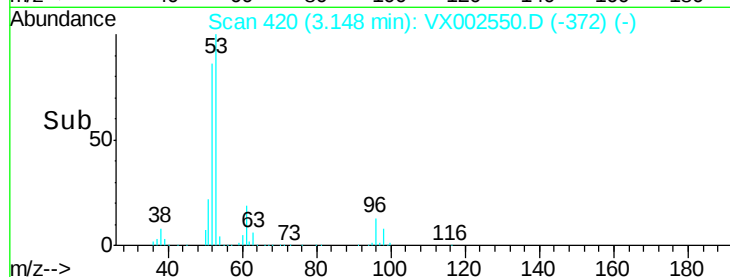
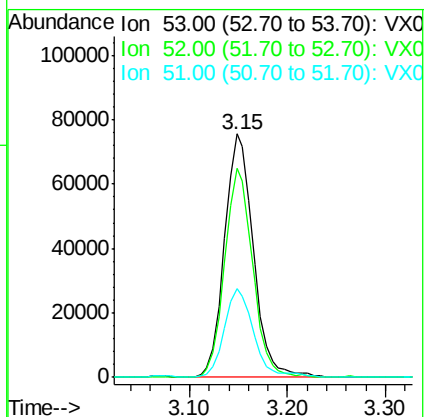
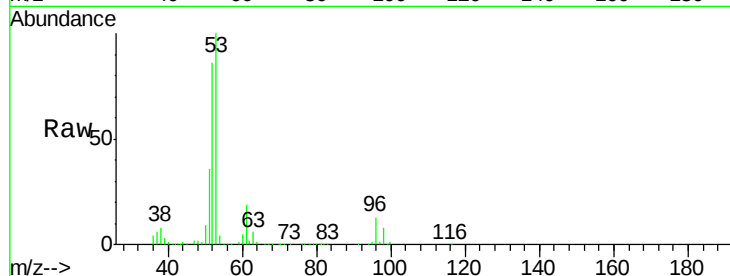
Tot Ion: 53 Resp: 154183

Ion Ratio Lower Upper

53 100

52 83.3 66.7 100.1

51 36.7 29.9 44.9



#16

Acetone

Concen: 79.15 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002550.D

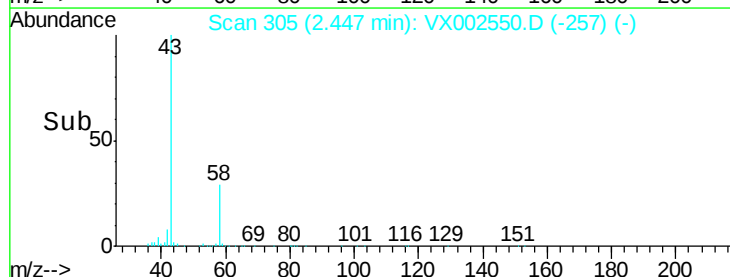
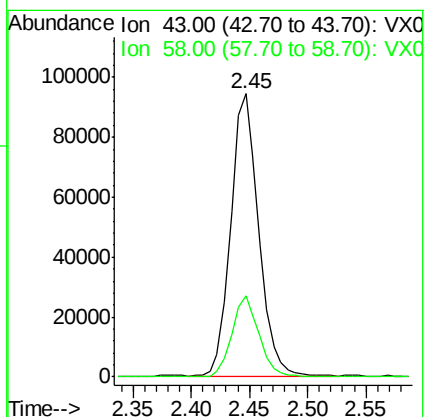
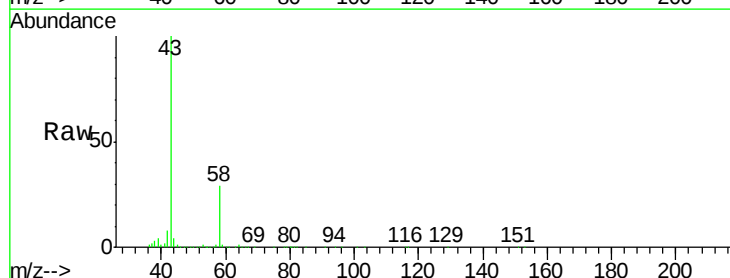
Acq: 14 Jun 2018 14:35

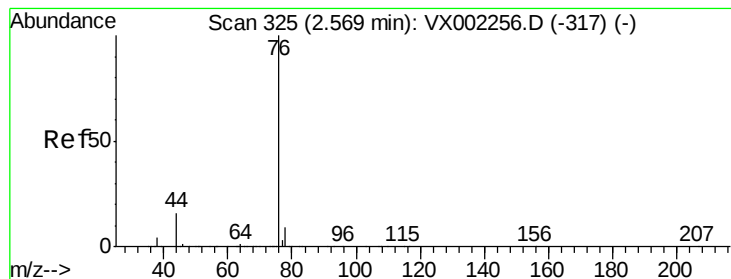
Tgt Ion: 43 Resp: 156020

Ion Ratio Lower Upper

43 100

58 28.8 22.1 33.1





#17

Carbon Disulfide

Concen: 11.72 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

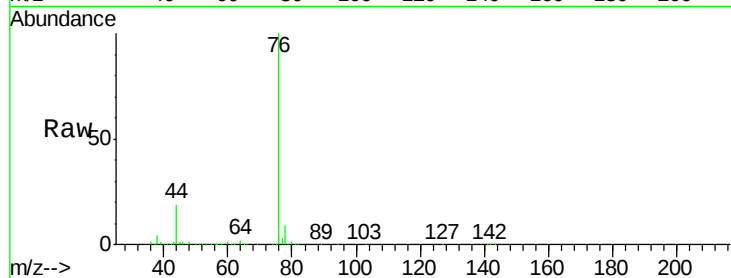
ClientSampleId :

Tot Ion: 76 Resp: 90467

Ion Ratio Lower Upper

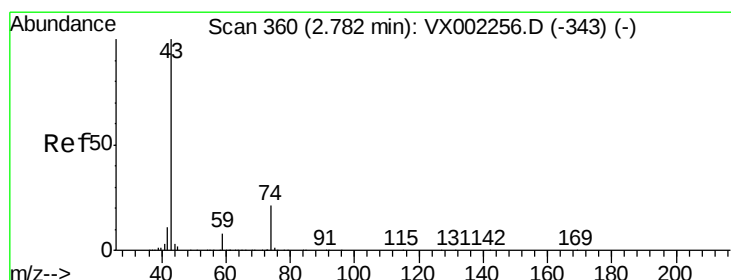
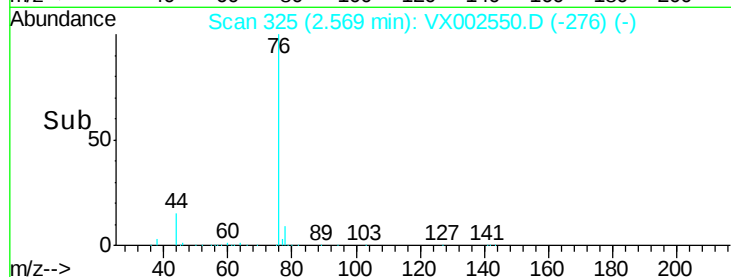
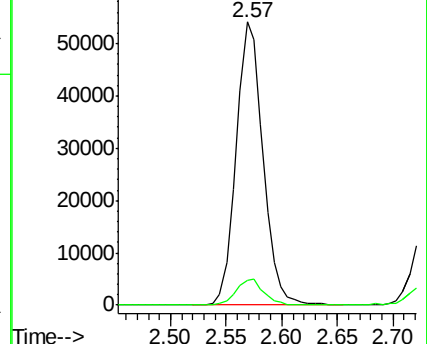
76 100

78 8.7 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: 17.21 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002550.D

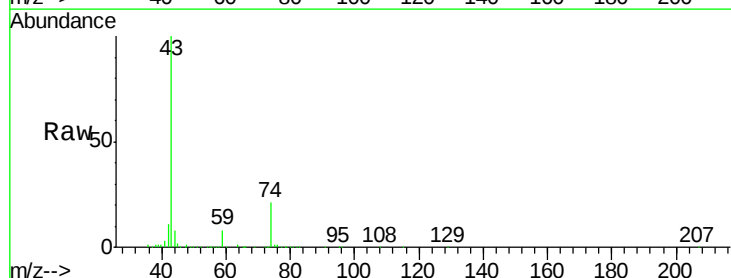
Acq: 14 Jun 2018 14:35

Tgt Ion: 43 Resp: 74770

Ion Ratio Lower Upper

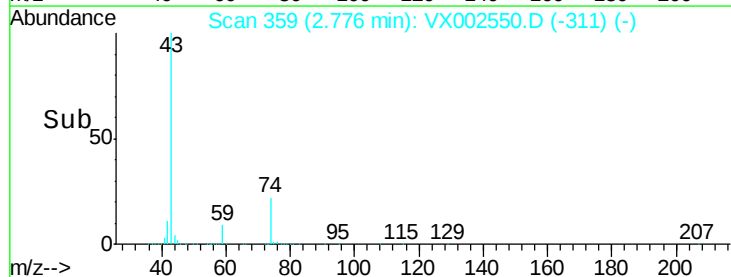
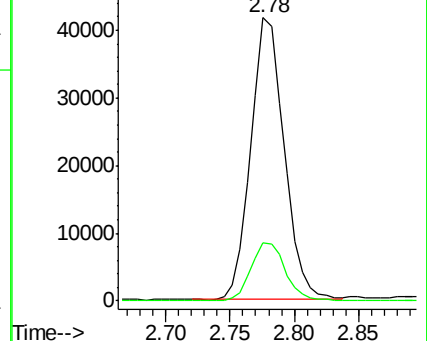
43 100

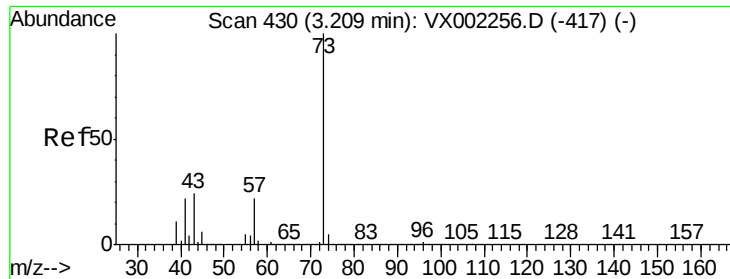
74 21.7 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



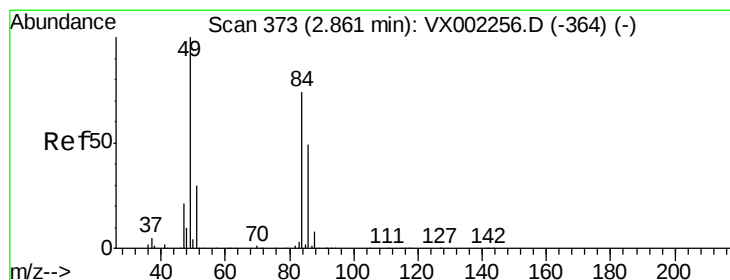
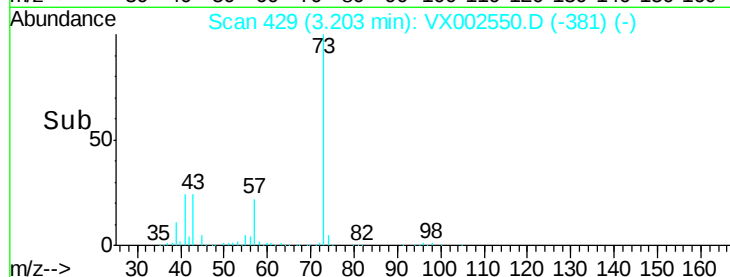
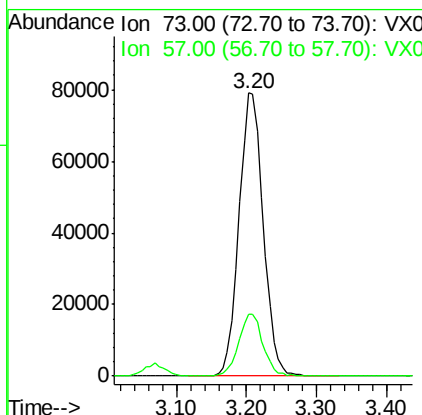
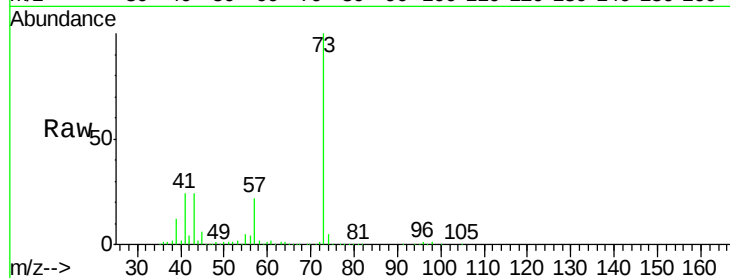


#19

Methyl tert-butyl Ether
 Concen: 17.04 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX002550.D
 Acq: 14 Jun 2018 14:35

Instrument :
 MSVOA_X
 ClientSampleId :

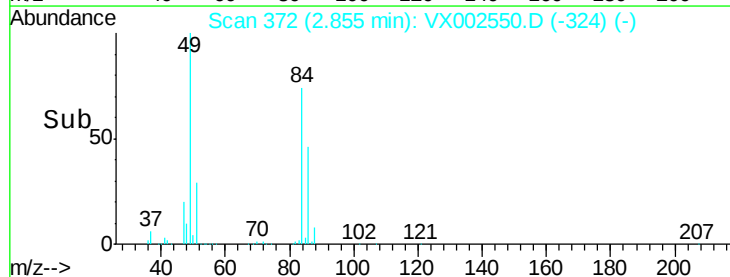
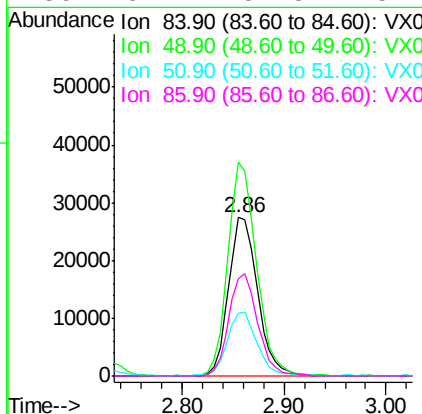
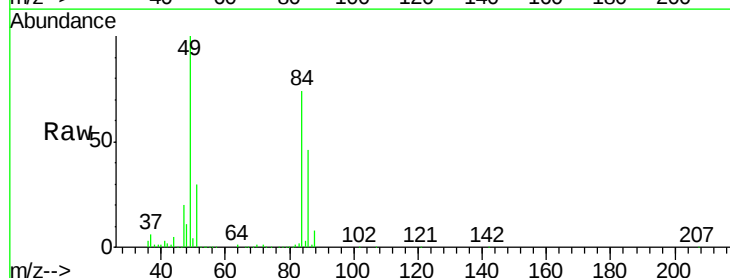
Tot Ion: 73 Resp: 189802
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.7 26.5

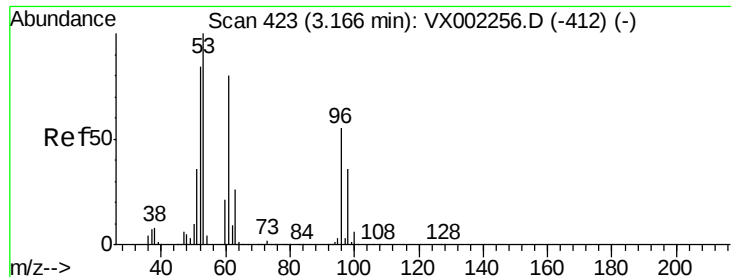


#20

Methylene Chloride
 Concen: 15.45 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX002550.D
 Acq: 14 Jun 2018 14:35

Tgt Ion: 84 Resp: 53984
 Ion Ratio Lower Upper
 84 100
 49 134.7 107.8 161.6
 51 39.5 32.8 49.2
 86 61.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 15.04 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :

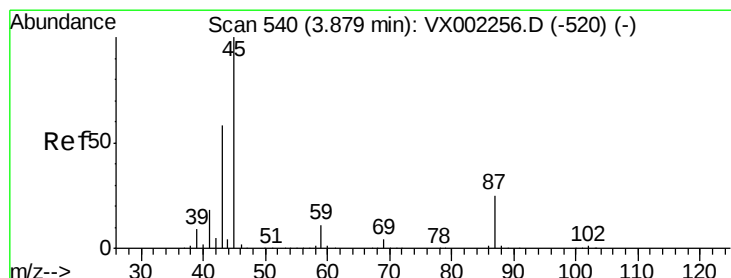
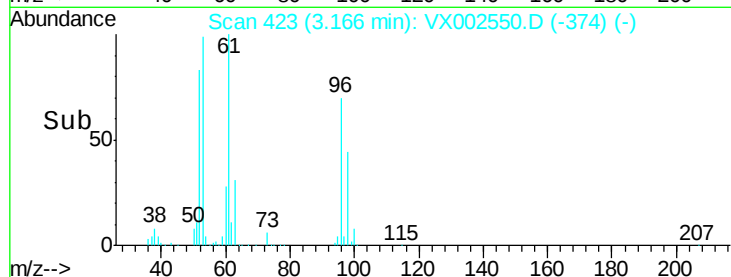
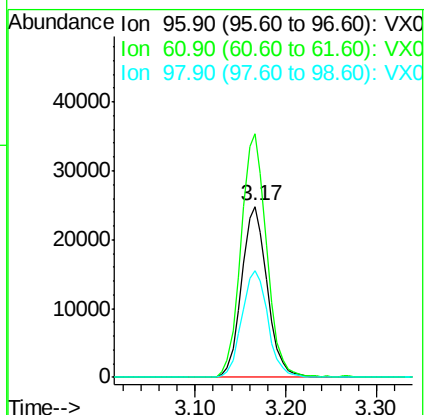
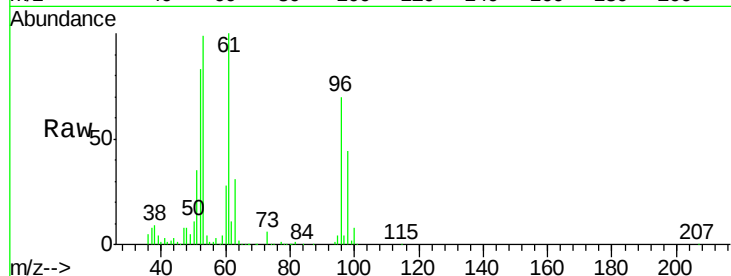
Tot Ion: 96 Resp: 48563

Ion Ratio Lower Upper

96 100

61 142.3 117.0 175.4

98 62.7 52.4 78.6



#22

Diisopropyl ether

Concen: 16.82 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Tgt Ion: 45 Resp: 189047

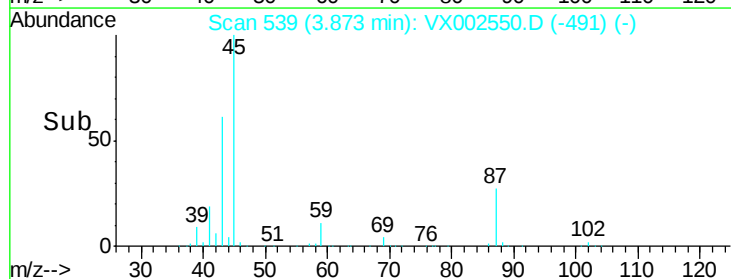
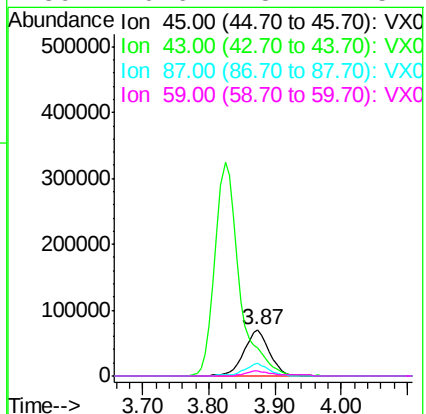
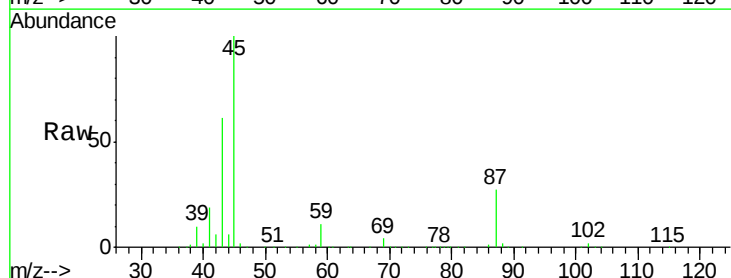
Ion Ratio Lower Upper

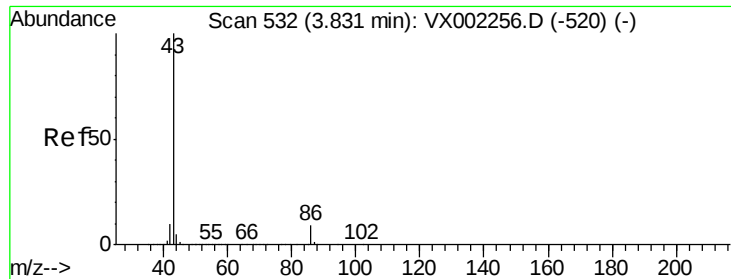
45 100

43 60.6 46.8 70.2

87 26.6 20.2 30.4

59 10.6 8.7 13.1





#23

Vinyl Acetate

Concen: 80.99 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

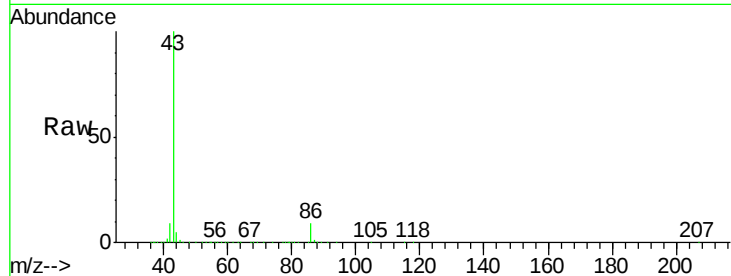
ClientSampleId :

Tot Ion: 43 Resp: 834168

Ion Ratio Lower Upper

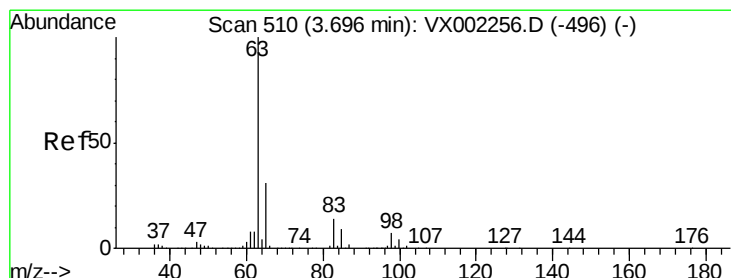
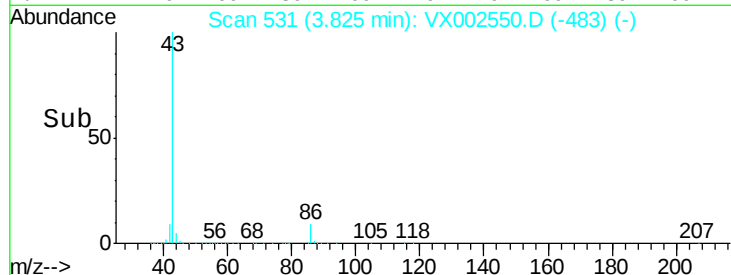
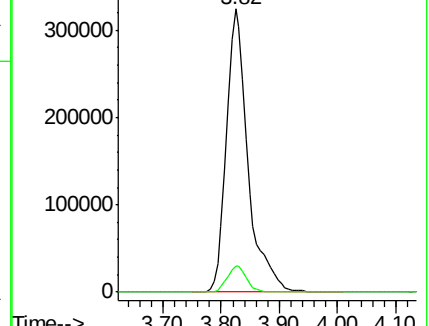
43 100

86 9.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 15.96 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

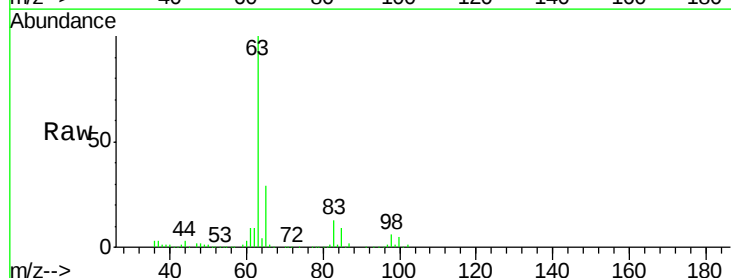
Tgt Ion: 63 Resp: 100195

Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.2

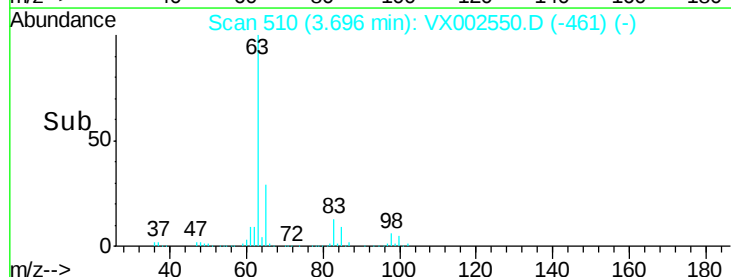
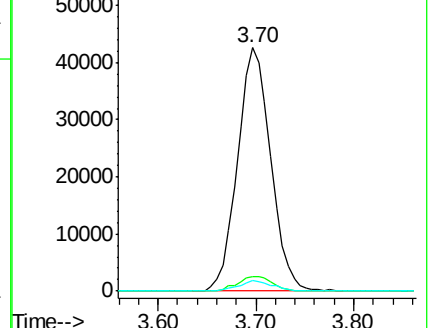
100 4.6 2.0 6.0

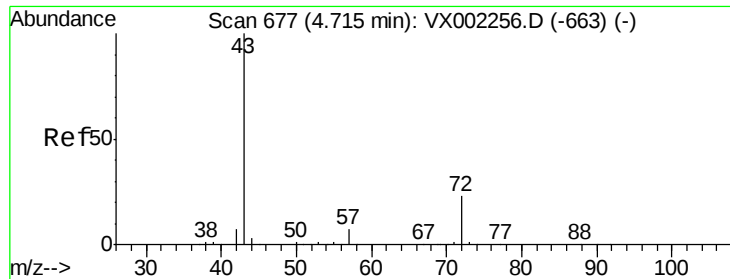


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 79.10 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

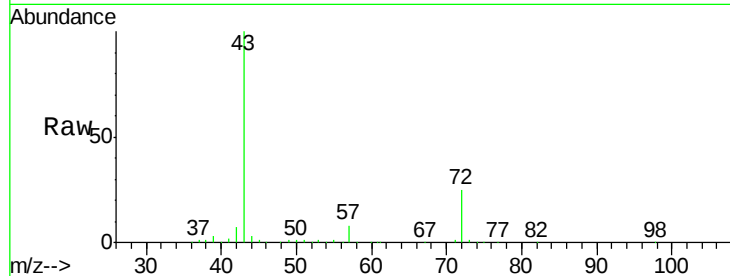
ClientSampled :

Tot Ion: 43 Resp: 213279

Ion Ratio Lower Upper

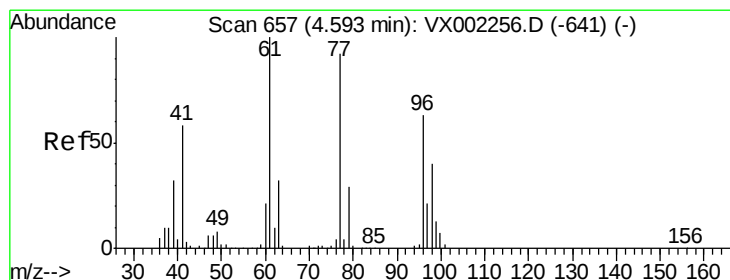
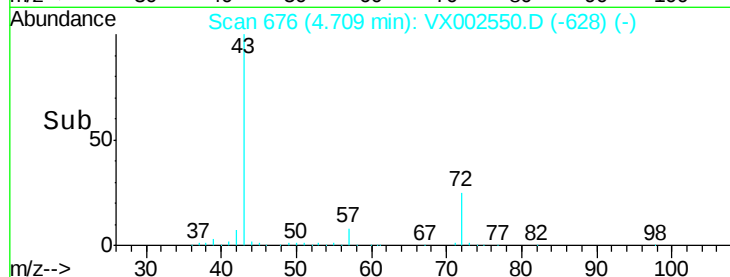
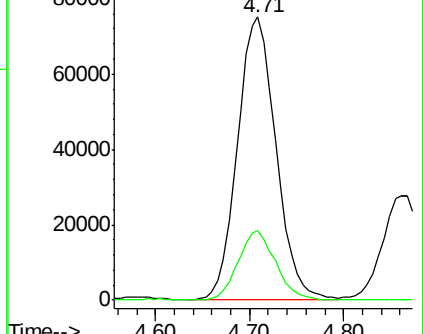
43 100

72 24.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 14.31 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002550.D

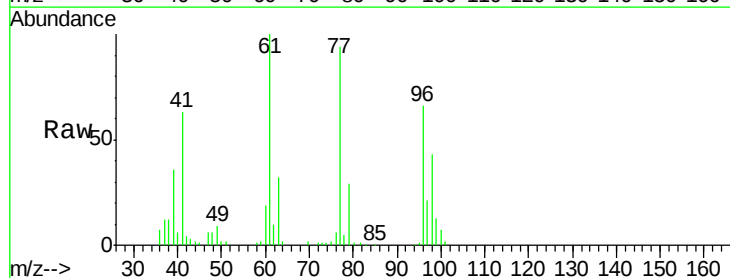
Acq: 14 Jun 2018 14:35

Tgt Ion: 77 Resp: 70243

Ion Ratio Lower Upper

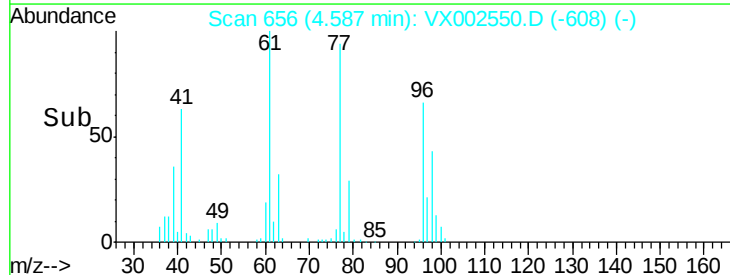
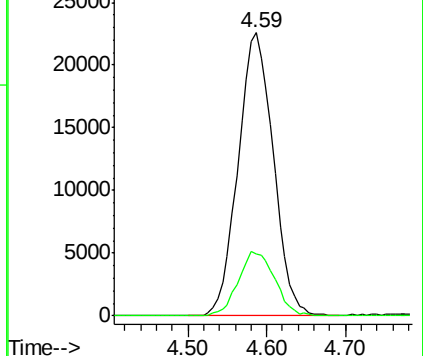
77 100

97 23.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 15.85 ug/l

RT: 4.60 min Scan# 658

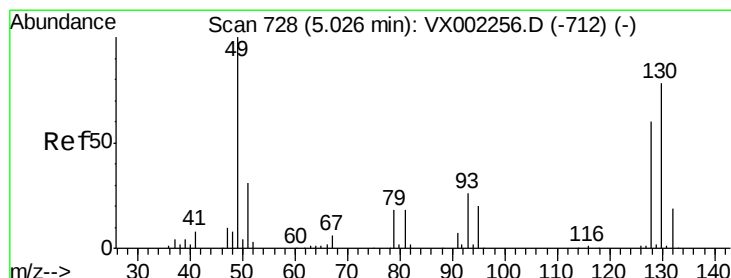
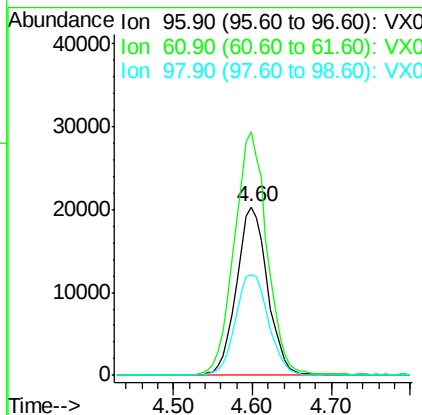
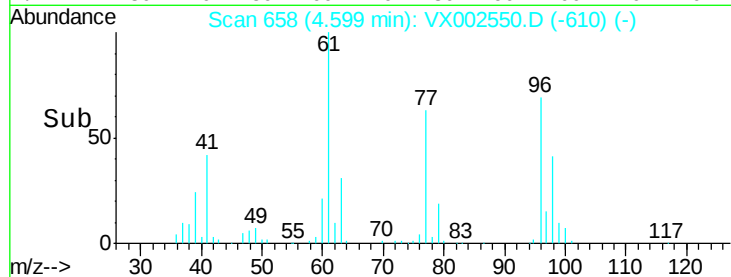
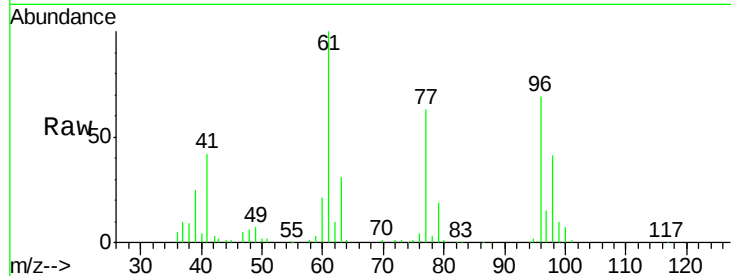
Delta R.T. -0.01 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	55661
Ion	Ratio	Lower	Upper
96	100		
61	152.4	0.0	330.2
98	63.7	0.0	130.2



#28

Bromochloromethane

Concen: 15.17 ug/l

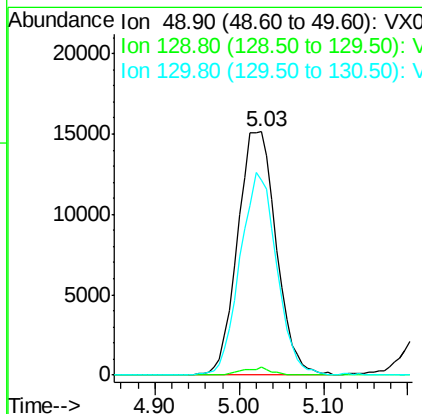
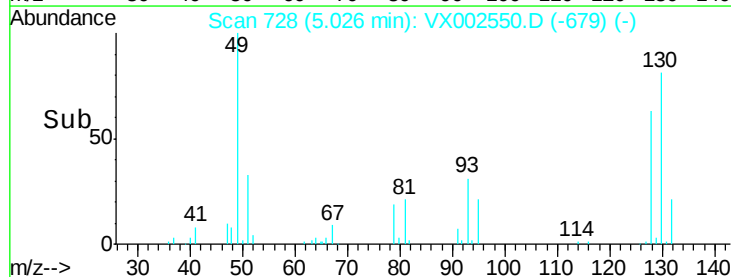
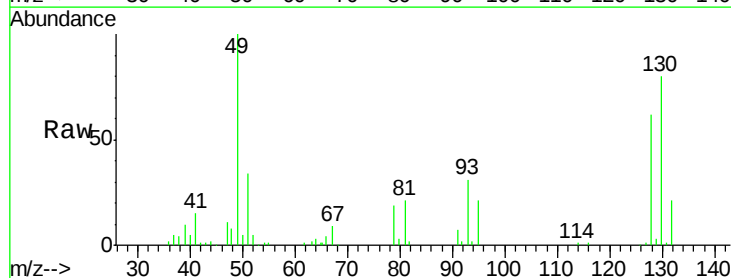
RT: 5.03 min Scan# 728

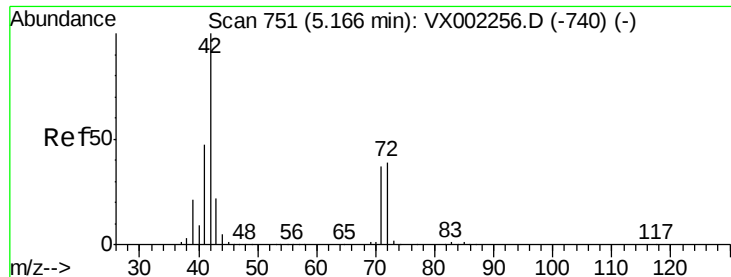
Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Tgt Ion:	49	Resp:	47127
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	78.7	61.2	91.8

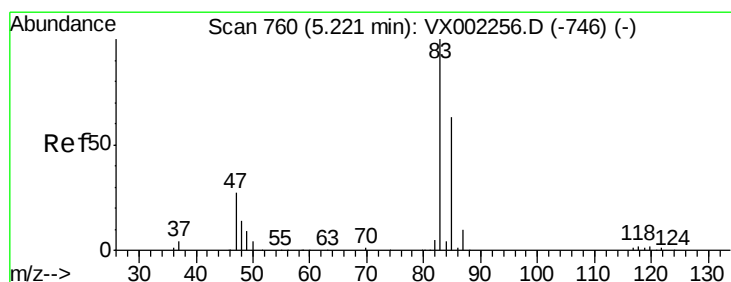
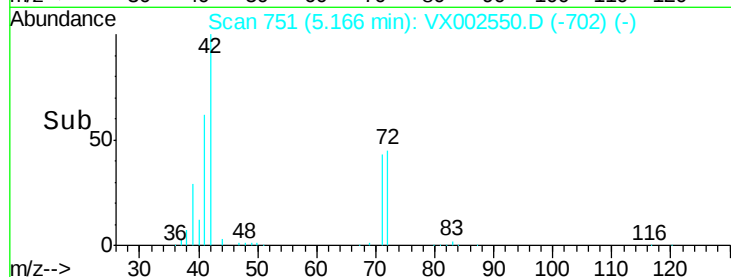
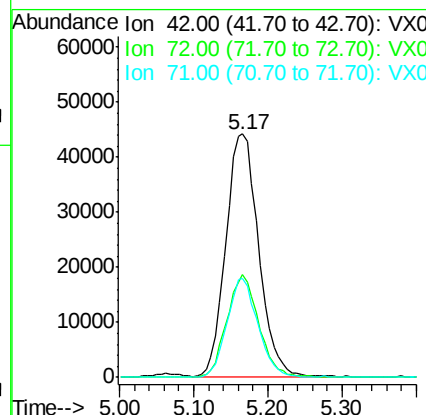
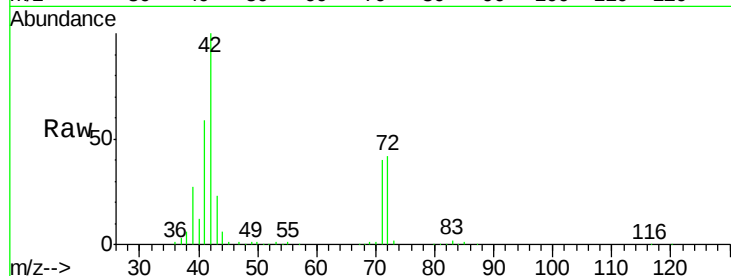




#29
Tetrahydrofuran
Concen: 78.18 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

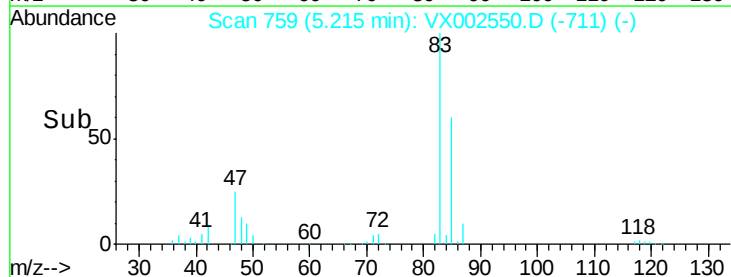
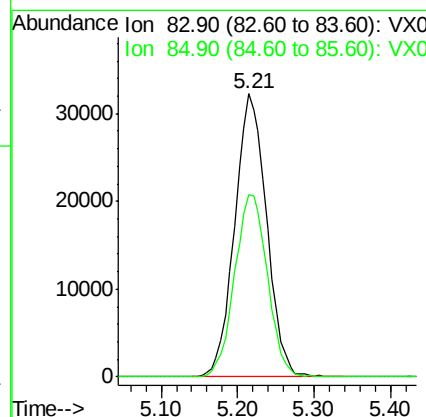
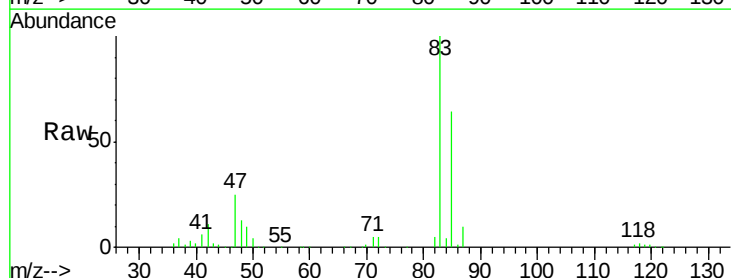
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 42 Resp: 135915
Ion Ratio Lower Upper
42 100
72 41.2 32.0 48.0
71 38.5 30.1 45.1



#30
Chloroform
Concen: 15.37 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion: 83 Resp: 93143
Ion Ratio Lower Upper
83 100
85 64.3 50.4 75.6

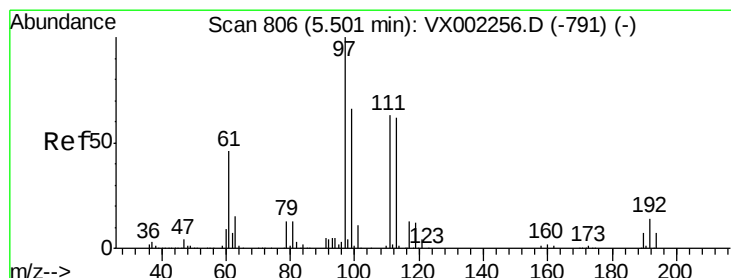
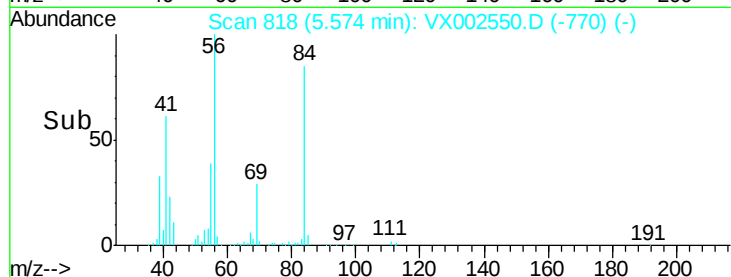
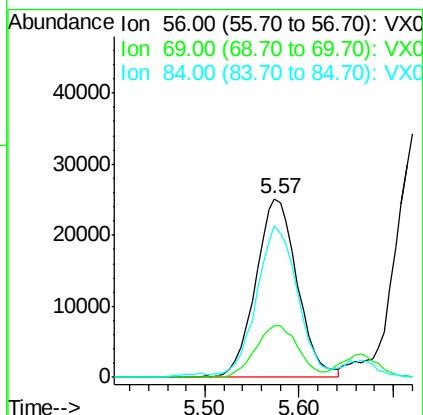
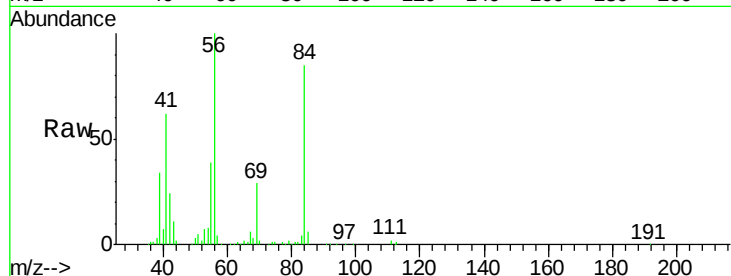




#31
Cyclohexane
Concen: 15.62 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

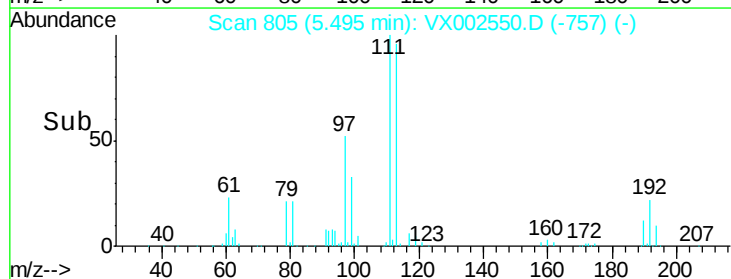
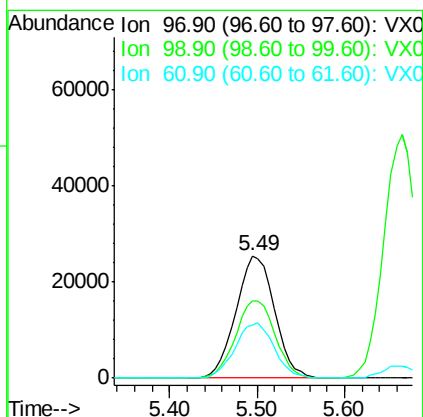
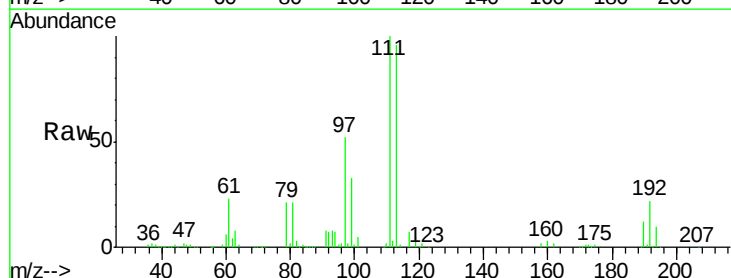
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 77585
Ion Ratio Lower Upper
56 100
69 28.6 23.7 35.5
84 83.1 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 15.23 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion: 97 Resp: 78280
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 45.4 36.4 54.6

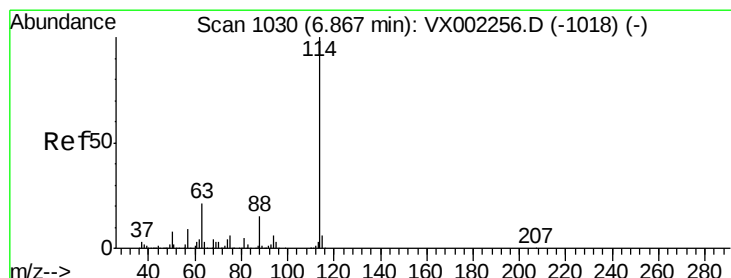
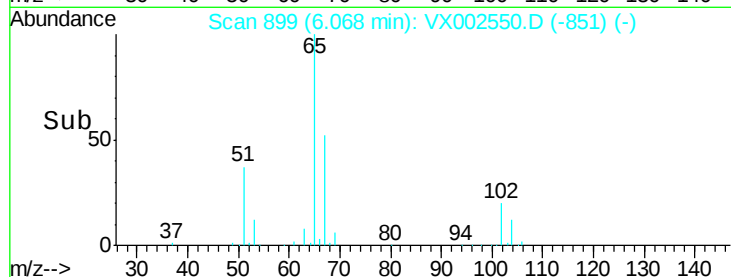
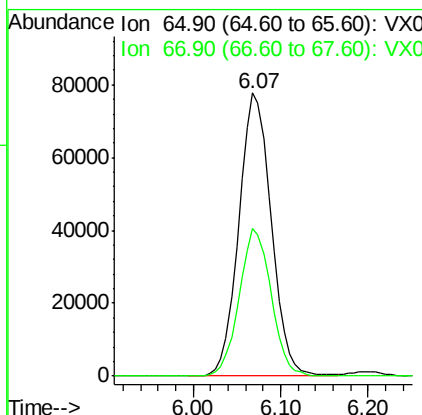
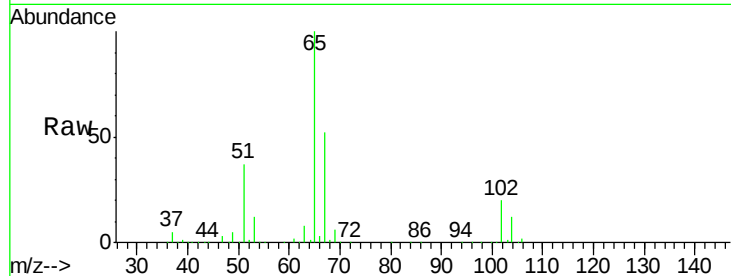




#33
 1,2-Dichloroethane-d4
 Concen: 50.98 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002550.D
 Acq: 14 Jun 2018 14:35

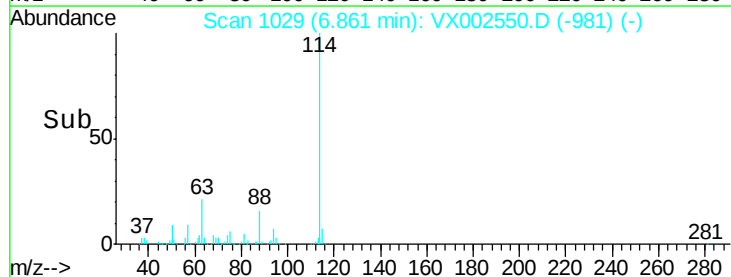
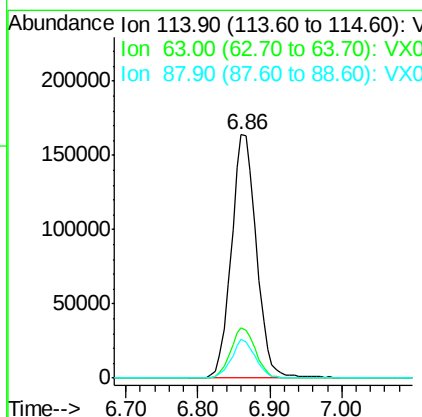
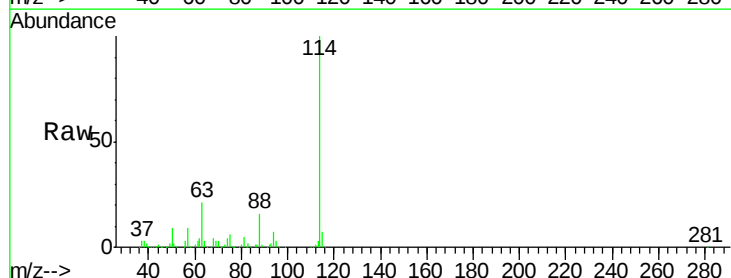
Instrument :
 MSVOA_X
 ClientSampleId :

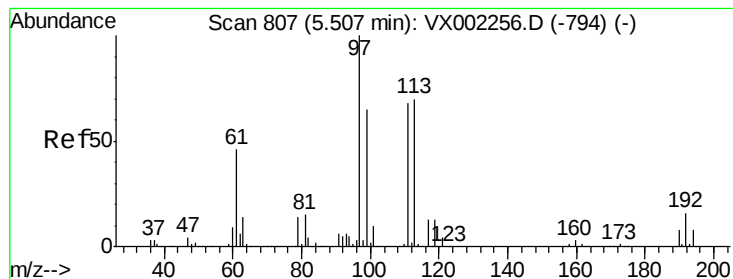
Tot Ion: 65 Resp: 200204
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002550.D
 Acq: 14 Jun 2018 14:35

Tgt Ion: 114 Resp: 396335
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 16.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.66 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

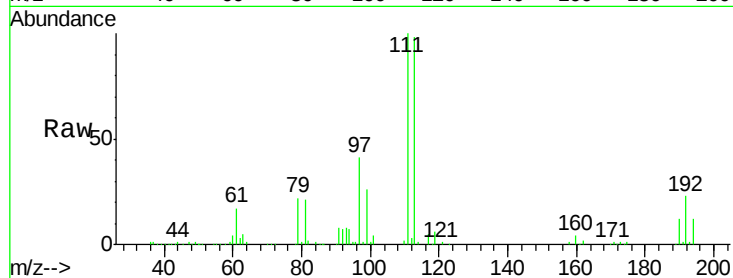
Tot Ion:113 Resp: 157913

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

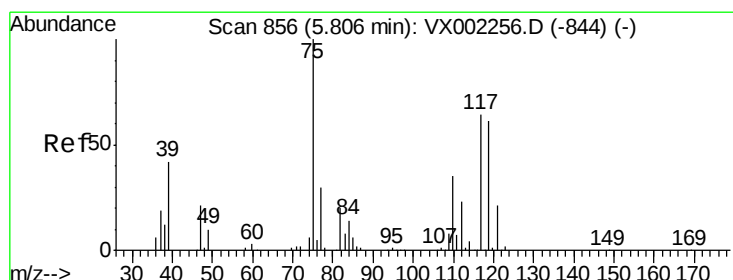
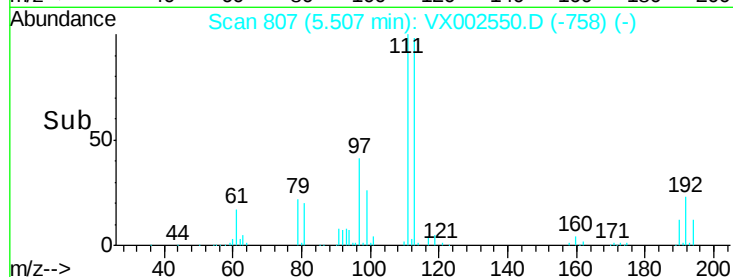
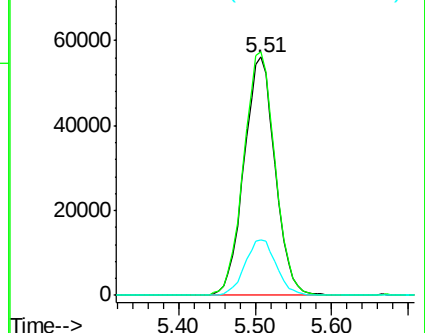
192 23.4 19.1 28.7



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: 15.35 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

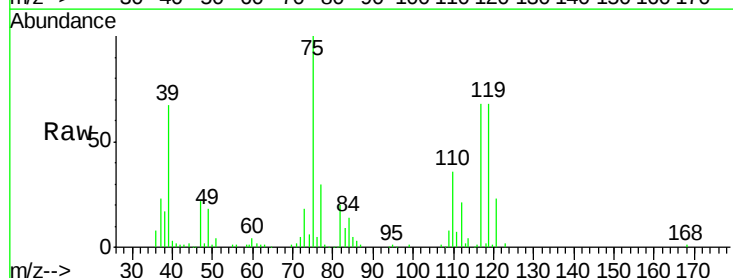
Tgt Ion: 75 Resp: 63972

Ion Ratio Lower Upper

75 100

110 37.1 18.1 54.4

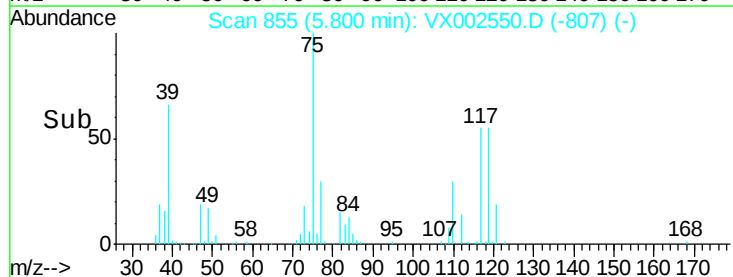
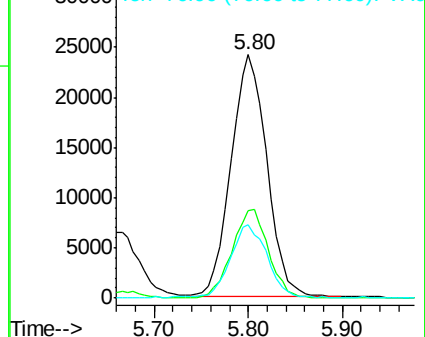
77 30.1 24.3 36.5

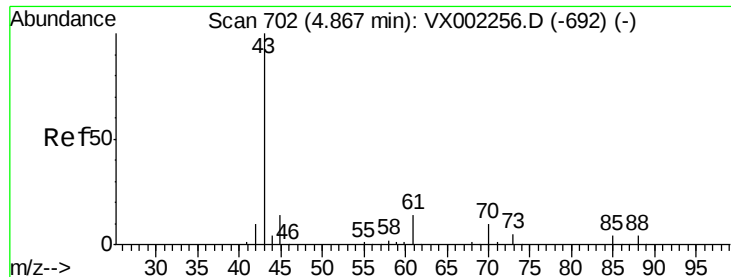


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

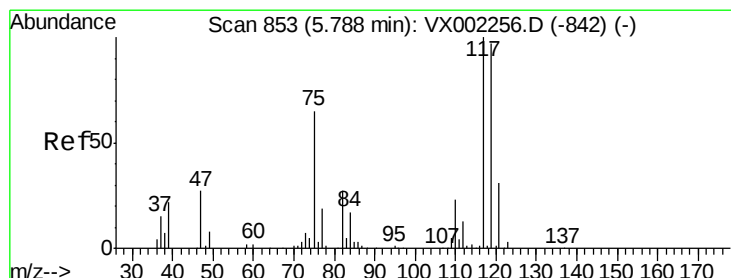
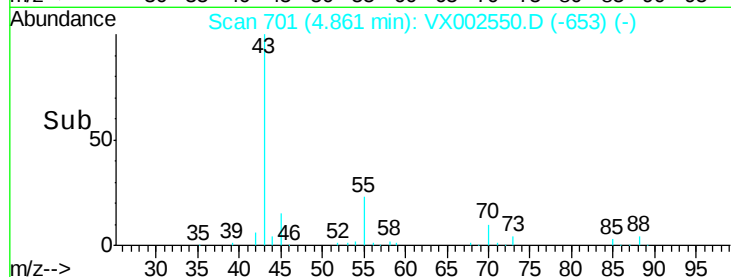
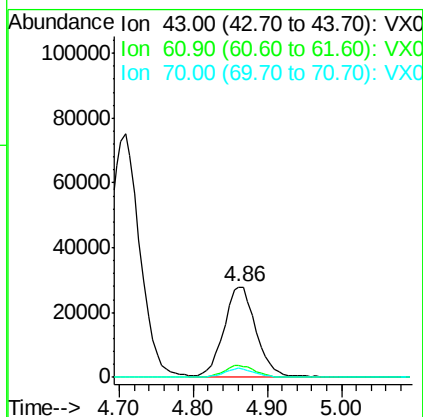
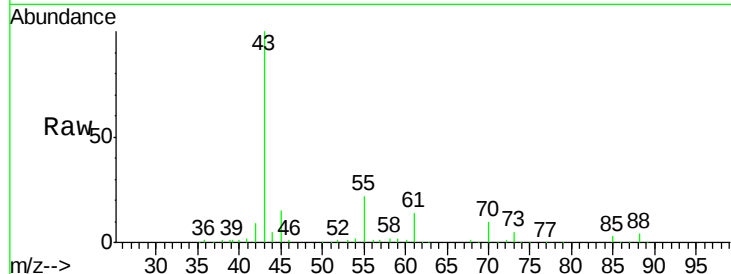




#37
Ethyl Acetate
Concen: 16.75 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

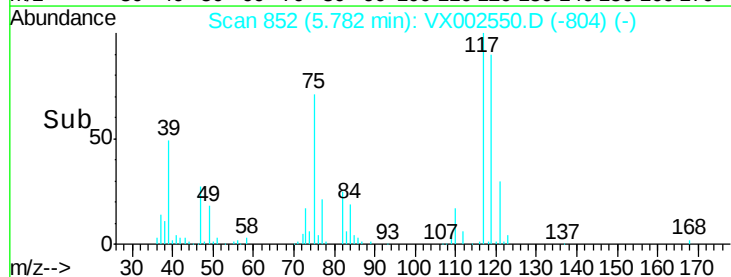
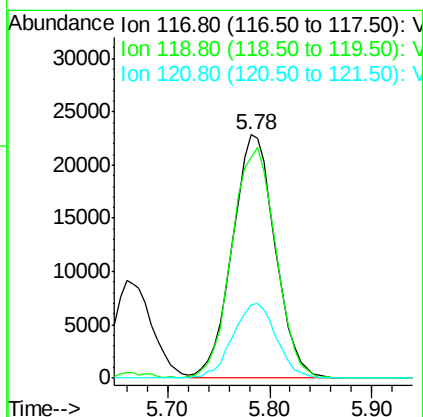
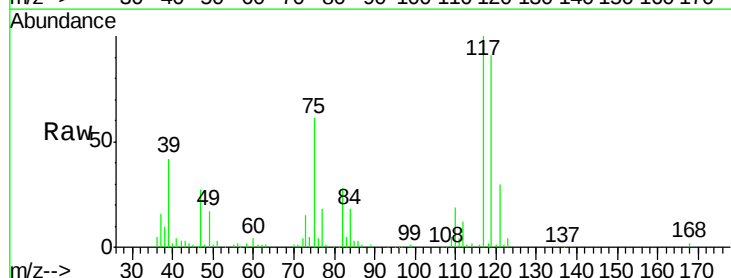
Instrument :
MSVOA_X
ClientSampled :

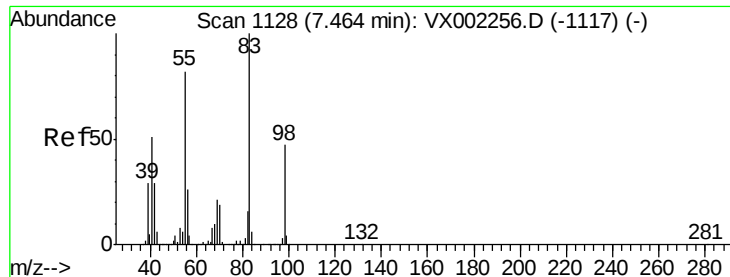
Tot Ion: 43 Resp: 83938
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 15.31 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion: 117 Resp: 66720
Ion Ratio Lower Upper
117 100
119 90.3 77.4 116.0
121 30.1 24.4 36.6

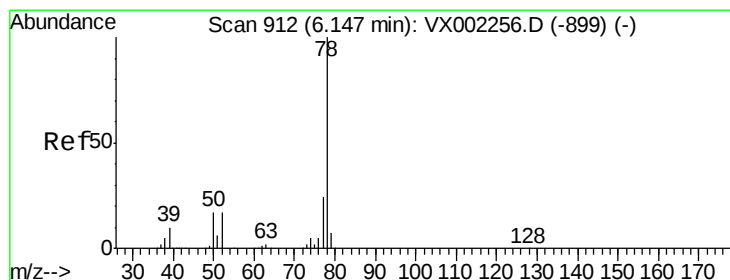
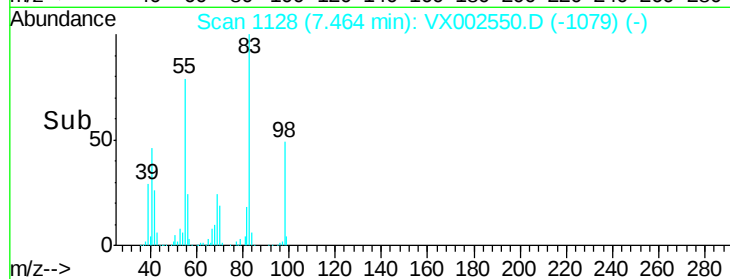
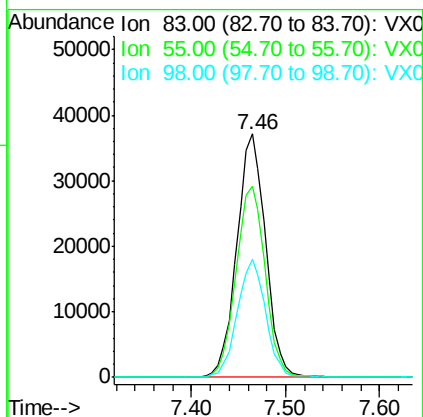
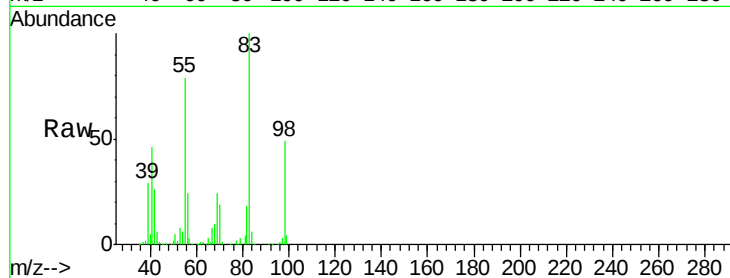




#39
Methvlcvclohexane
Concen: 15.59 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

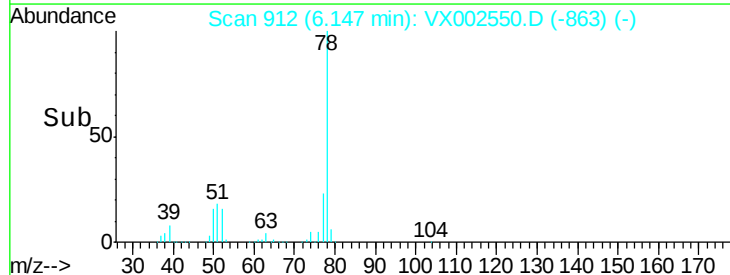
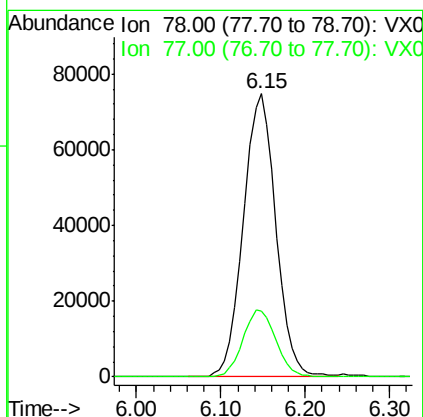
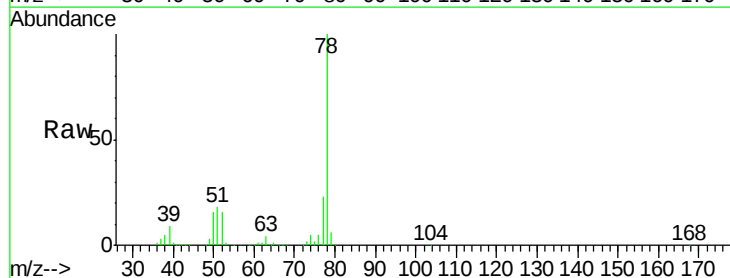
Instrument :
MSVOA_X
ClientSampled :

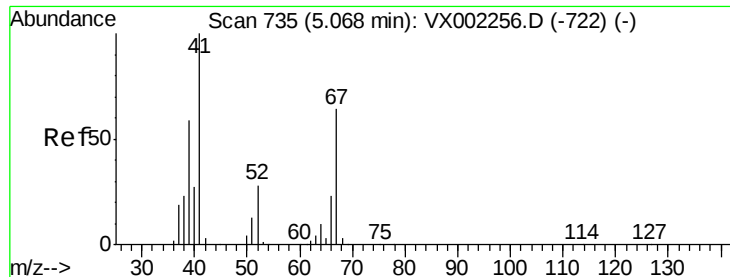
Tot Ion: 83 Resp: 79298
Ion Ratio Lower Upper
83 100
55 78.6 65.4 98.0
98 48.6 37.4 56.0



#40
Benzene
Concen: 15.26 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion: 78 Resp: 194913
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7

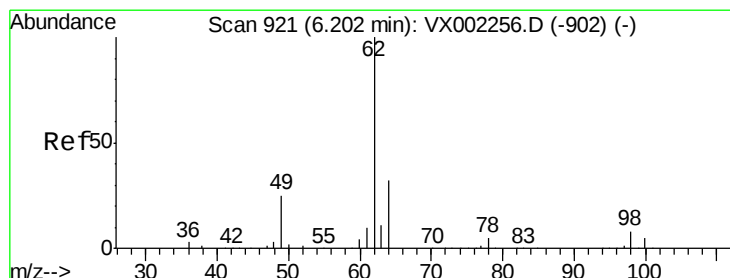
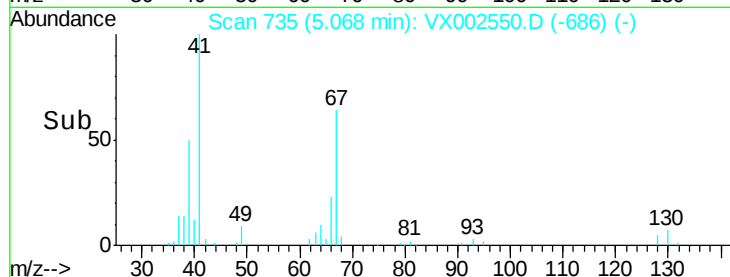
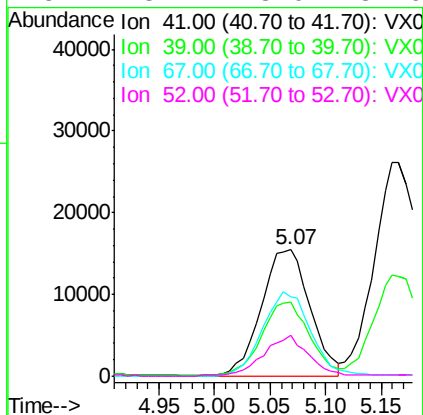
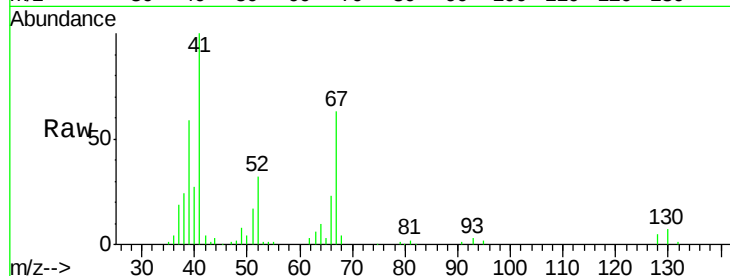




#41
Methacrylonitrile
Concen: 16.52 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

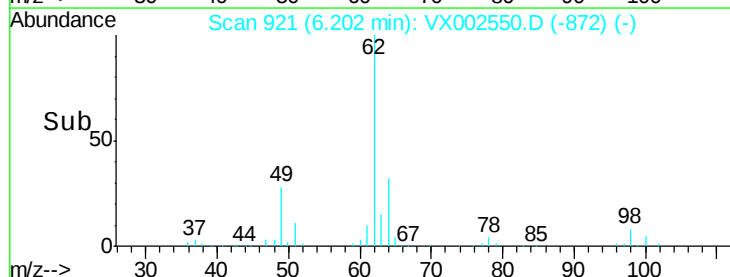
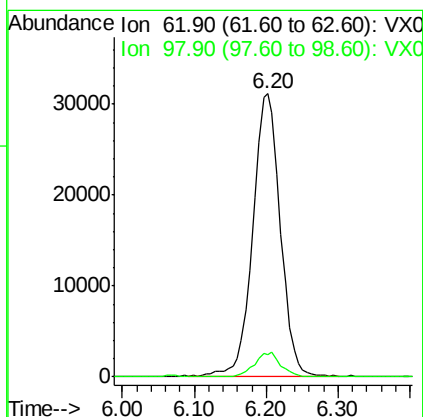
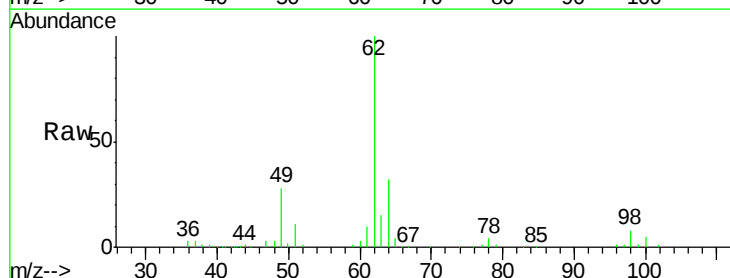
Instrument :
MSVOA_X
ClientSampled :

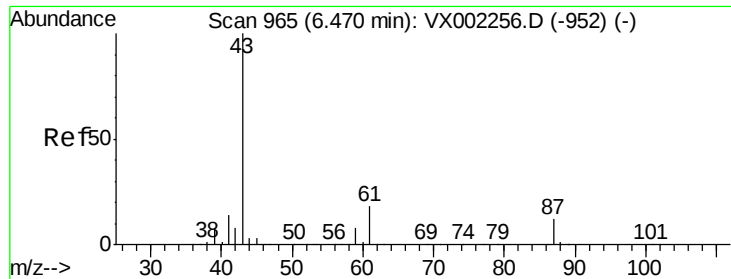
Tot Ion:	41	Resp:	47388
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.8	68.6
67	66.2	51.3	76.9
52	28.7	23.0	34.6



#42
1,2-Dichloroethane
Concen: 16.21 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion:	62	Resp:	82287
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



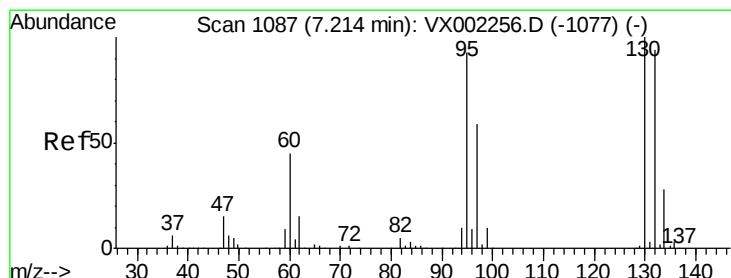
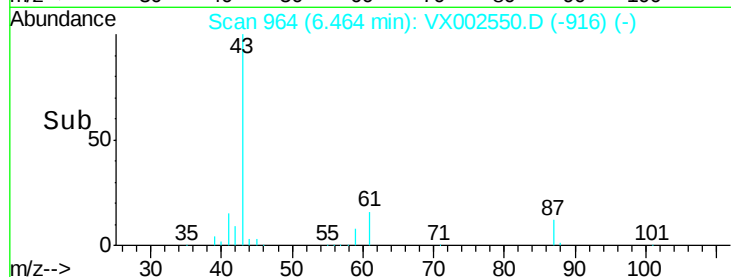
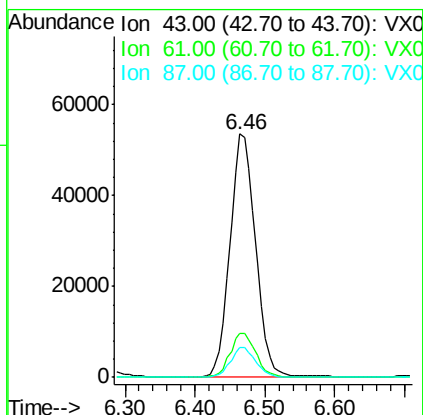
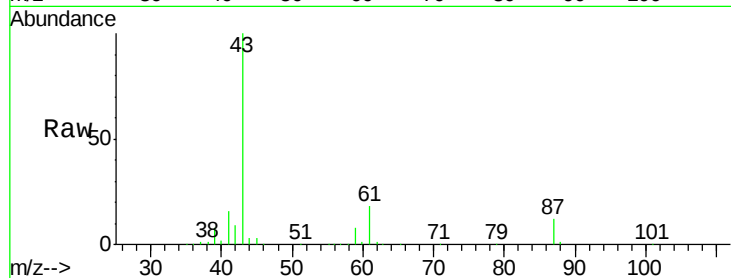


#43

Isopropyl Acetate
 Concen: 15.90 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002550.D
 Acq: 14 Jun 2018 14:35

Instrument :
 MSVOA_X
 ClientSampleId :

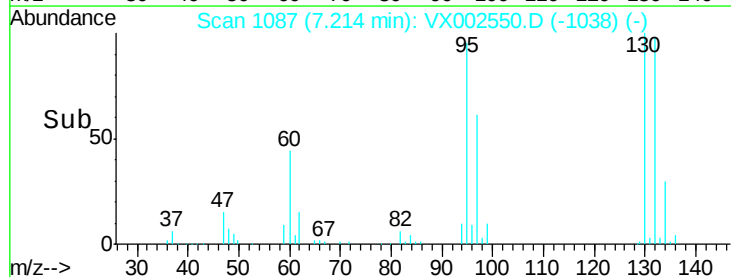
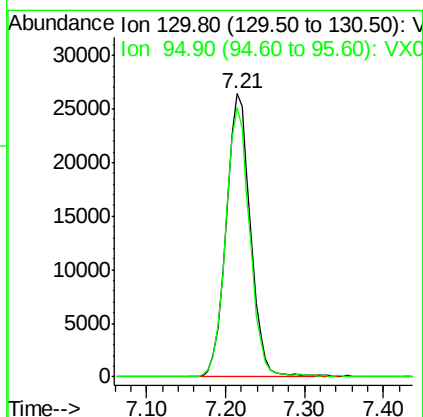
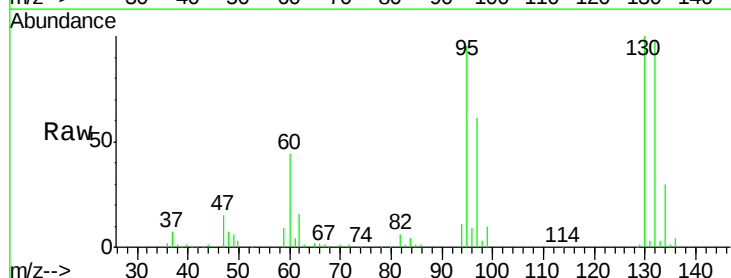
Tot Ion: 43 Resp: 135357
 Ion Ratio Lower Upper
 43 100
 61 18.4 14.4 21.6
 87 12.1 9.5 14.3

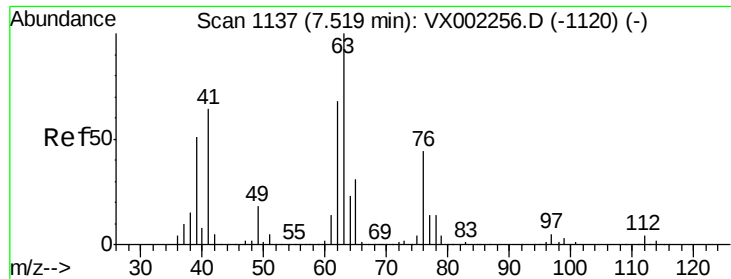


#44

Trichloroethene
 Concen: 15.97 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX002550.D
 Acq: 14 Jun 2018 14:35

Tgt Ion:130 Resp: 56612
 Ion Ratio Lower Upper
 130 100
 95 95.4 0.0 185.4

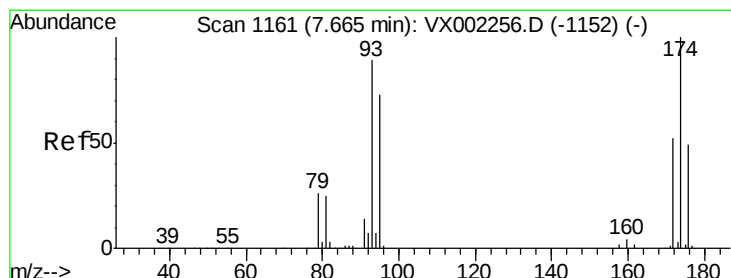
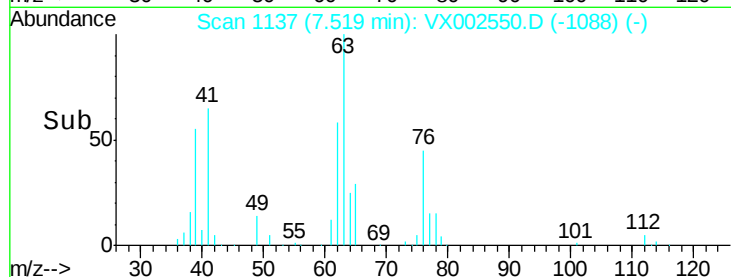
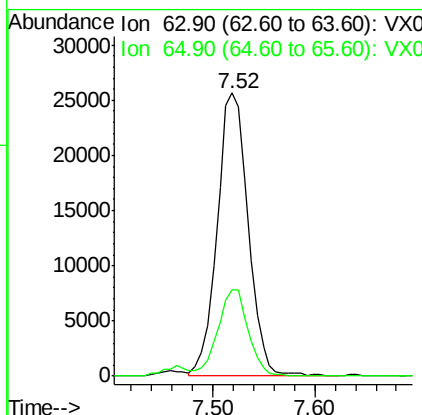
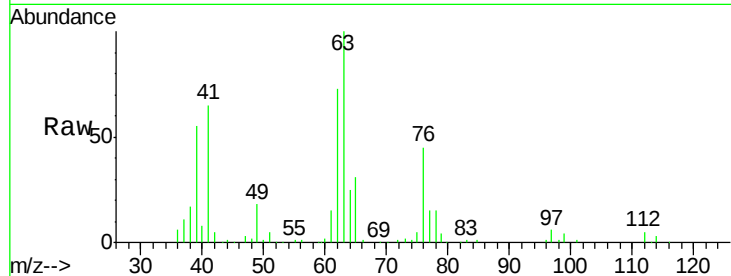




#45
 1,2-Dichloropropane
 Concen: 15.73 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002550.D
 Acq: 14 Jun 2018 14:35

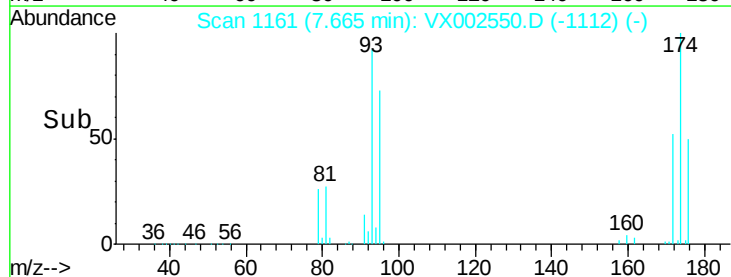
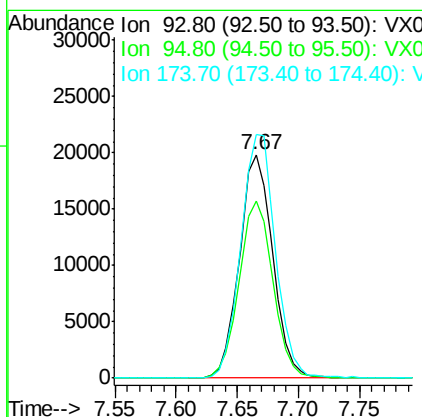
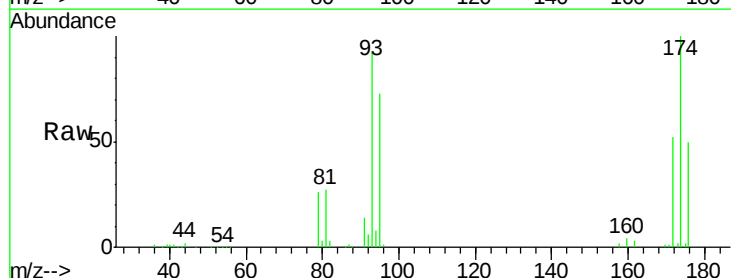
Instrument :
 MSVOA_X
 ClientSampleId :

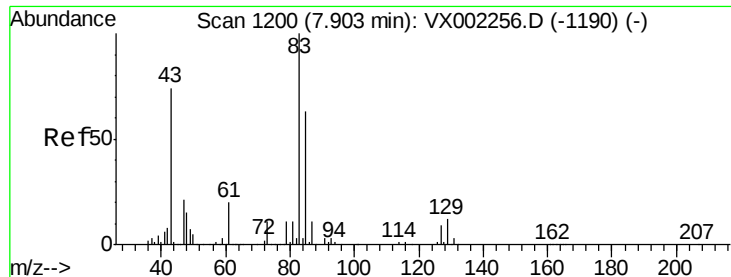
Tot Ion: 63 Resp: 54252
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1



#46
 Dibromomethane
 Concen: 16.07 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002550.D
 Acq: 14 Jun 2018 14:35

Tgt Ion: 93 Resp: 37579
 Ion Ratio Lower Upper
 93 100
 95 80.5 65.9 98.9
 174 113.3 92.4 138.6





#47

Bromodichloromethane

Concen: 15.06 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :

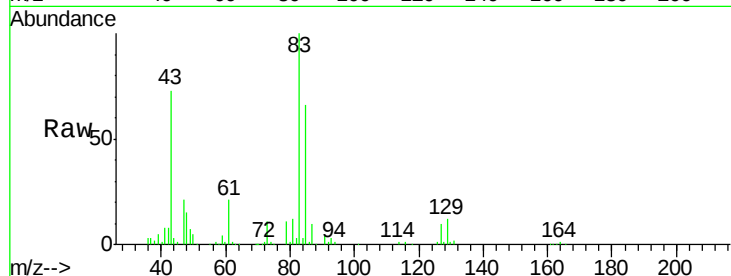
Tot Ion: 83 Resp: 63675

Ion Ratio Lower Upper

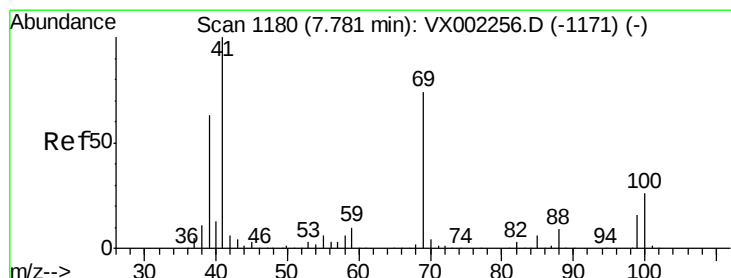
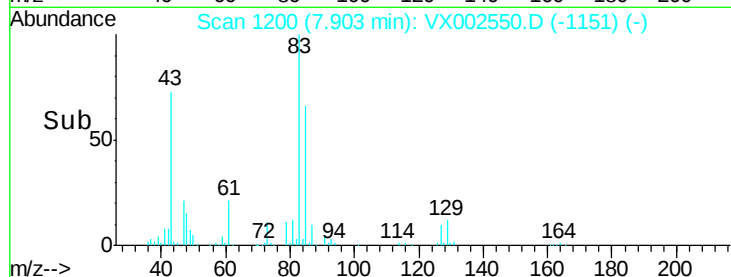
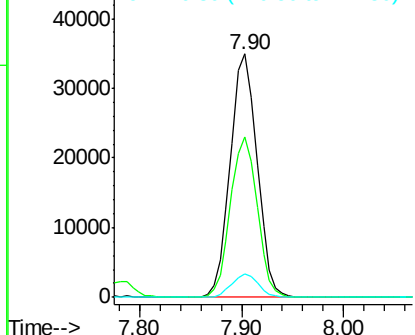
83 100

85 65.8 50.3 75.5

127 9.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 15.79 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

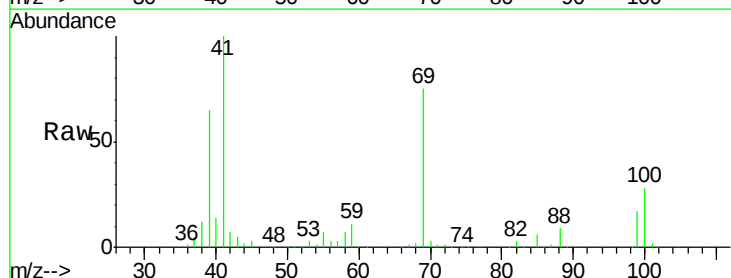
Tgt Ion: 41 Resp: 67507

Ion Ratio Lower Upper

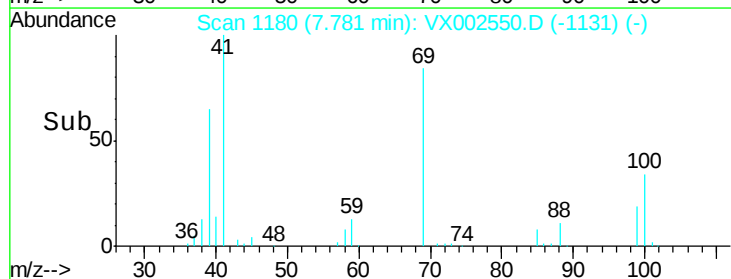
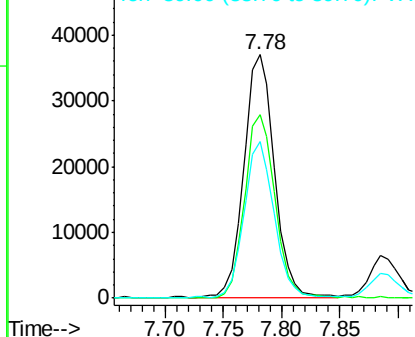
41 100

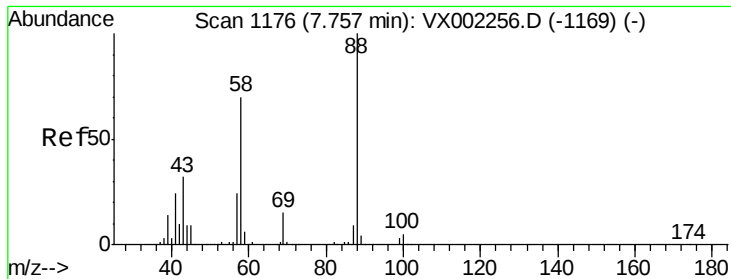
69 76.1 59.1 88.7

39 63.1 48.9 73.3



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





#49

1,4-Dioxane

Concen: 351.75 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

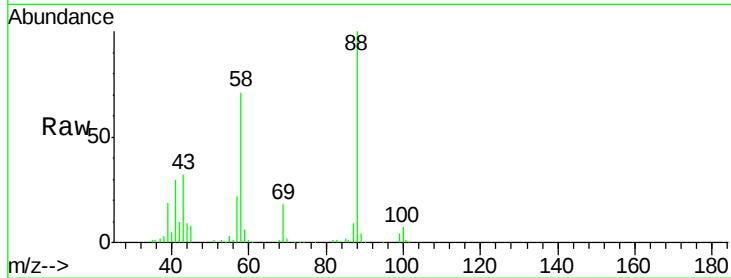
Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 28117

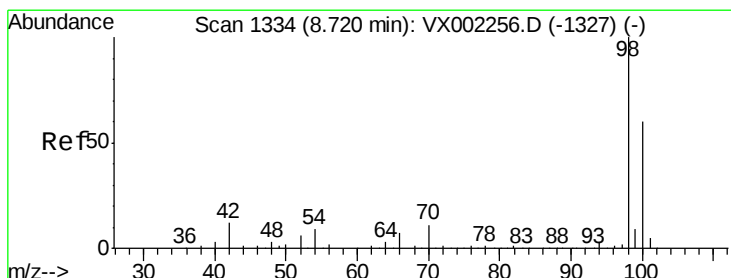
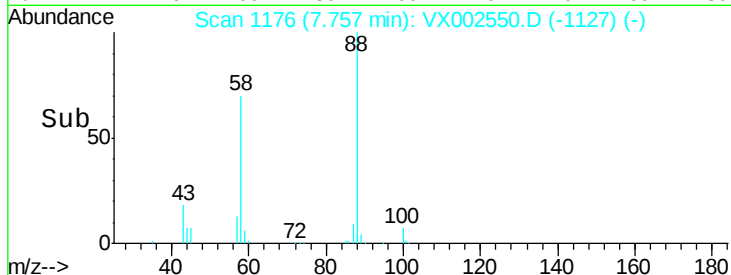
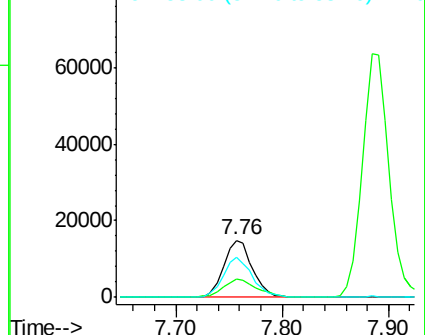
Ion	Ratio	Lower	Upper
88	100		
43	35.5	29.8	44.6
58	70.4	57.1	85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.58 ug/l

RT: 8.72 min Scan# 1334

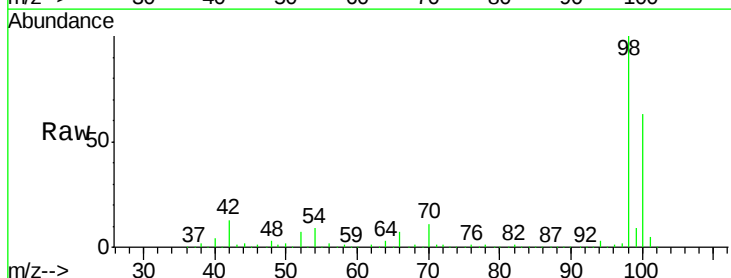
Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

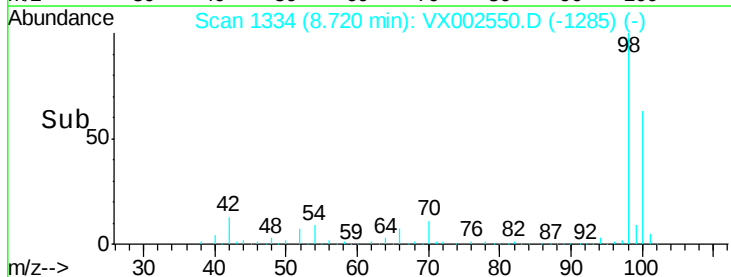
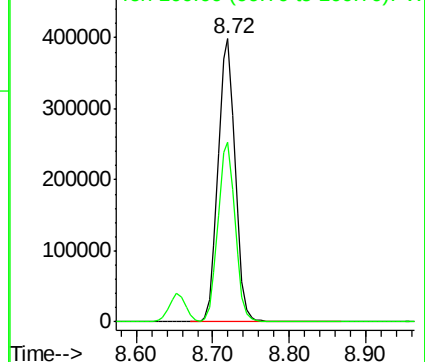
Tgt Ion: 98 Resp: 616199

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 82.85 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

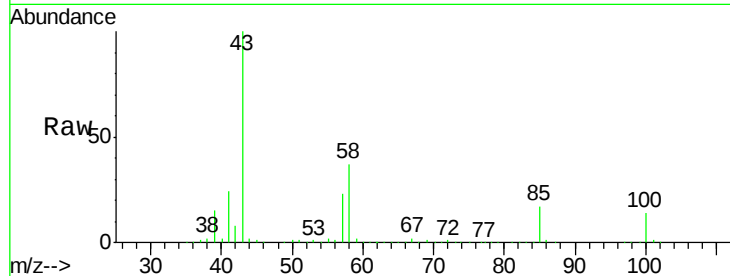
ClientSampleId :

Tot Ion: 43 Resp: 439121

Ion Ratio Lower Upper

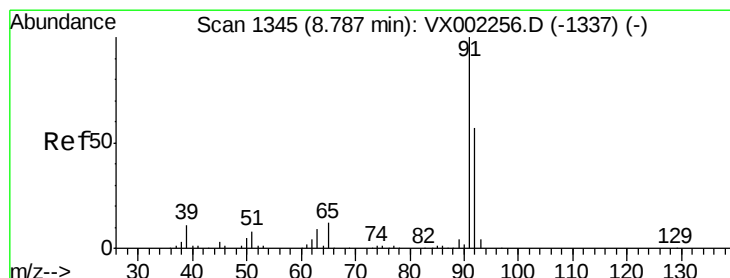
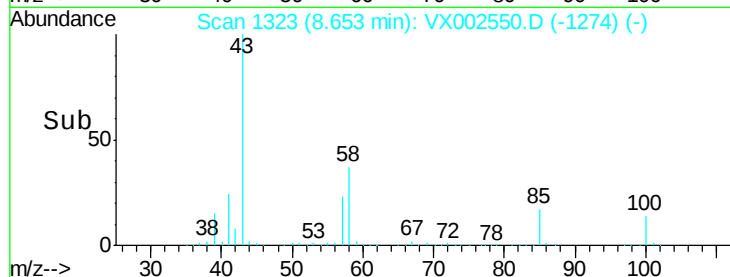
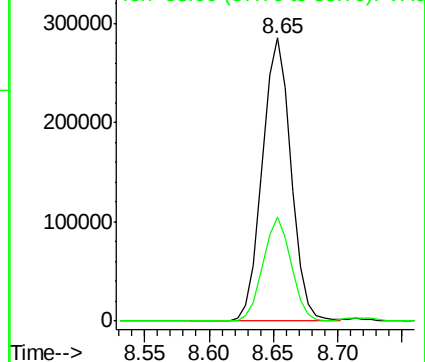
43 100

58 36.0 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: 15.79 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002550.D

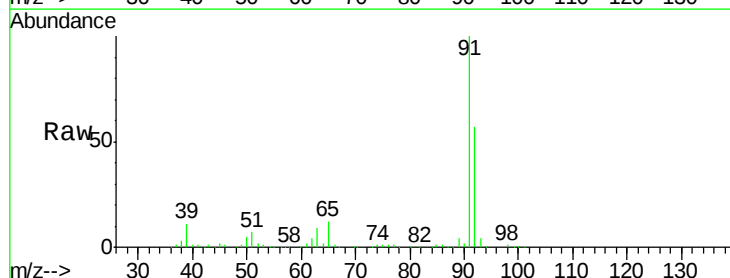
Acq: 14 Jun 2018 14:35

Tgt Ion: 92 Resp: 128285

Ion Ratio Lower Upper

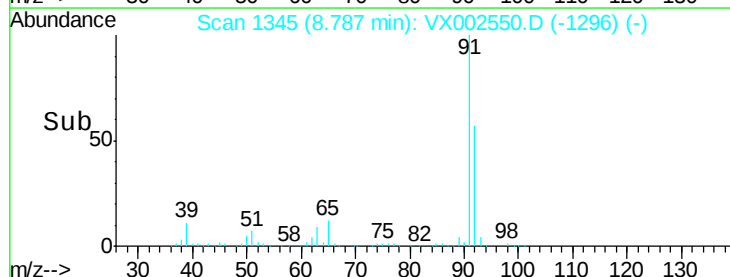
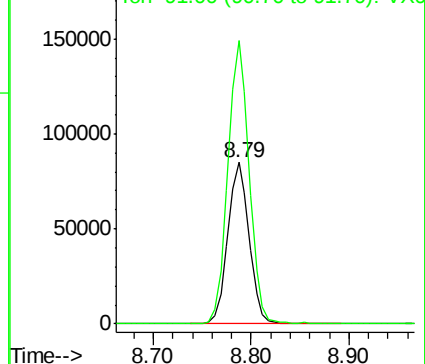
92 100

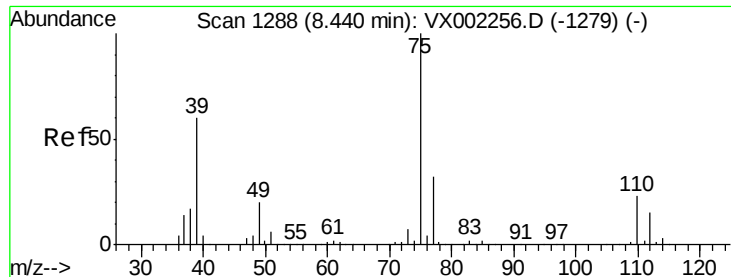
91 175.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

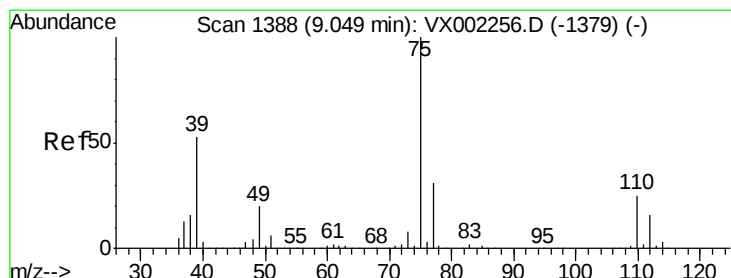
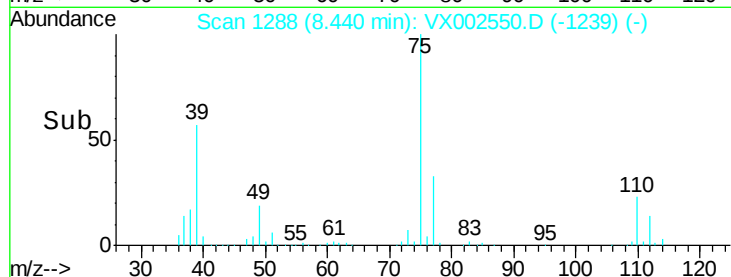
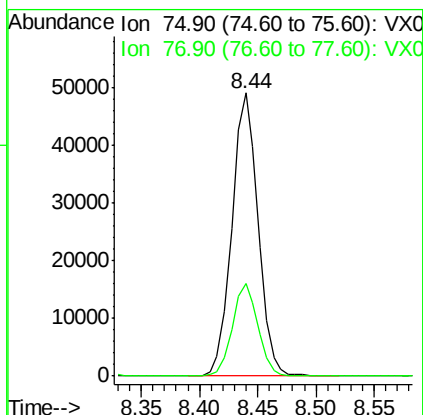
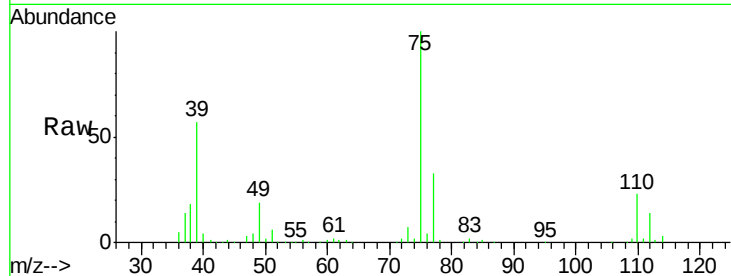




#53
t-1,3-Dichloropropene
Concen: 15.16 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

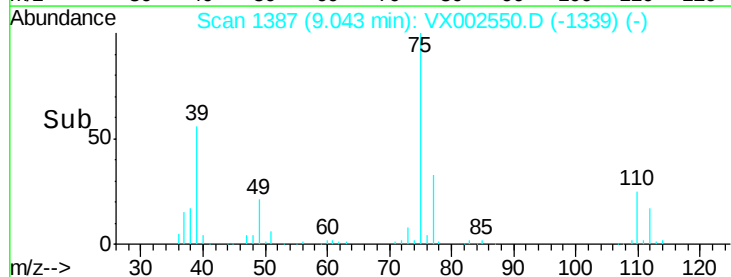
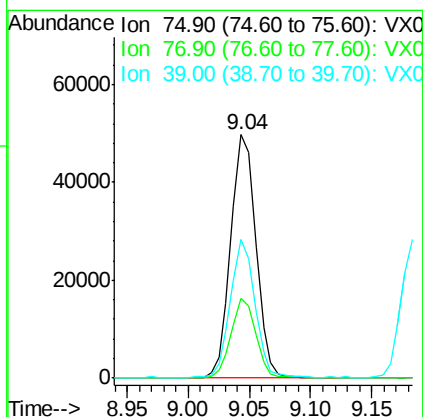
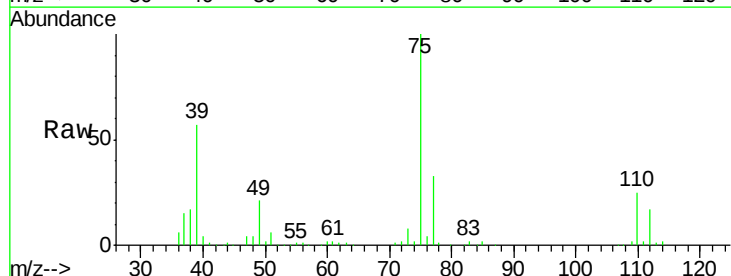
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 76872
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 14.84 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion: 75 Resp: 71011
Ion Ratio Lower Upper
75 100
77 32.6 24.8 37.2
39 56.7 42.4 63.6

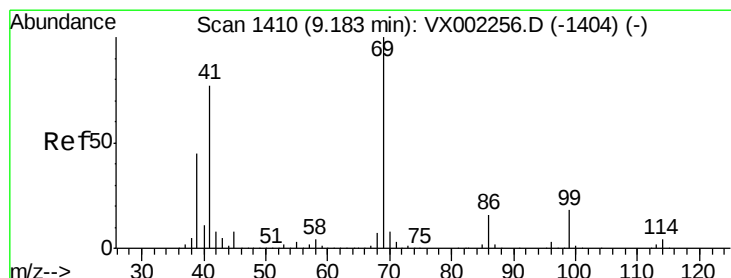
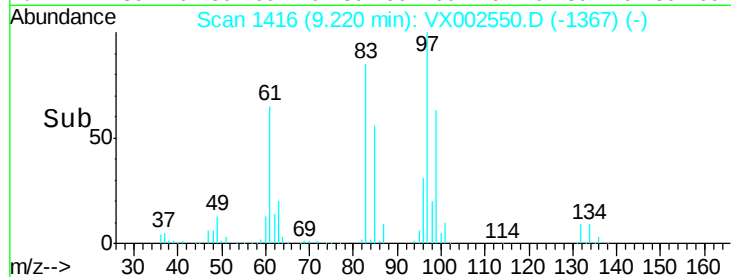
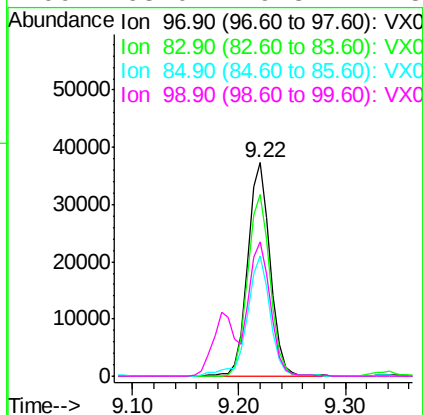
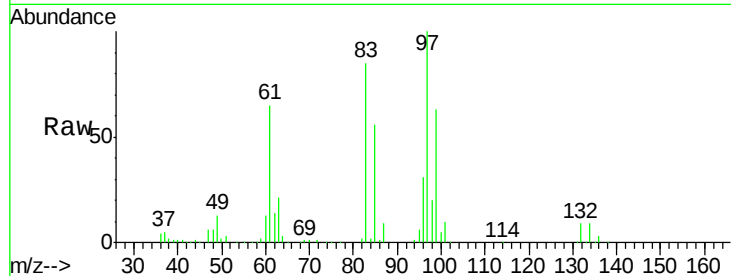




#55
 1,1,2-Trichloroethane
 Concen: 16.48 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002550.D
 Acq: 14 Jun 2018 14:35

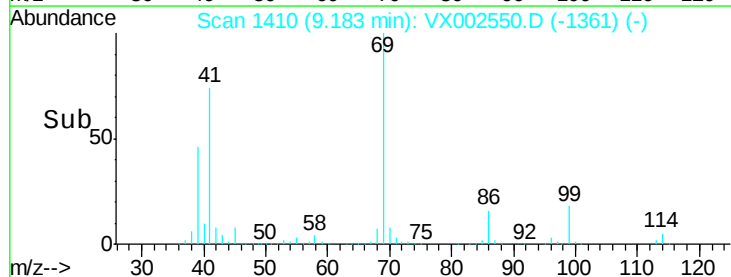
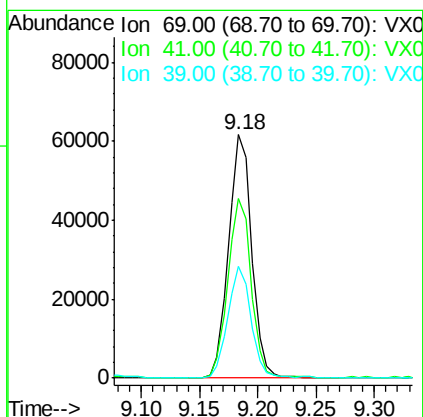
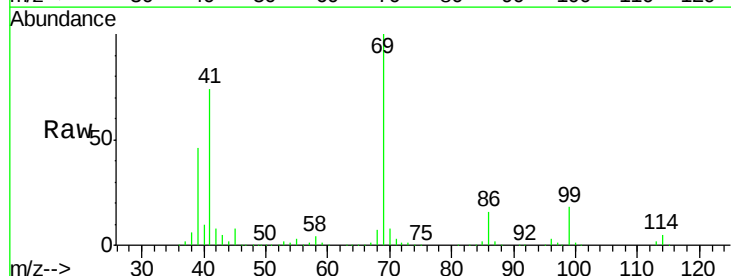
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	55060
Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.2	105.2
85	56.2	44.9	67.3
99	63.0	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 16.03 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002550.D
 Acq: 14 Jun 2018 14:35

Tgt Ion:	69	Resp:	85550
Ion	Ratio	Lower	Upper
69	100		
41	73.7	60.3	90.5
39	45.6	35.8	53.8





#57

1,3-Dichloropropane

Concen: 16.15 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

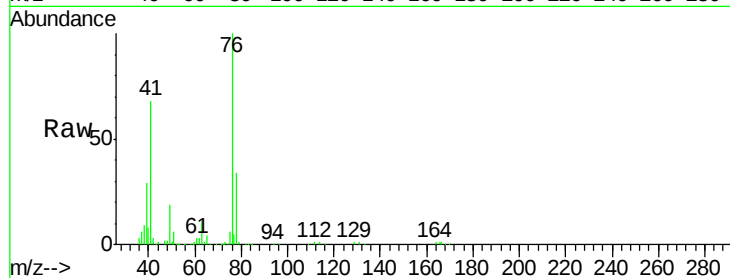
ClientSampleId :

Tot Ion: 76 Resp: 90524

Ion Ratio Lower Upper

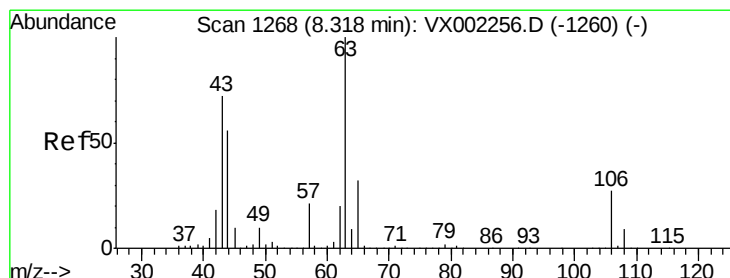
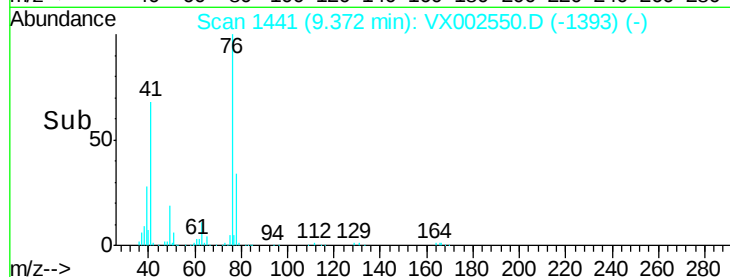
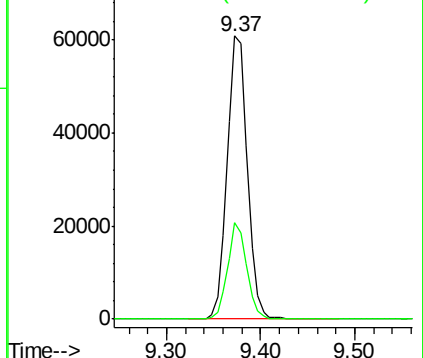
76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 82.22 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002550.D

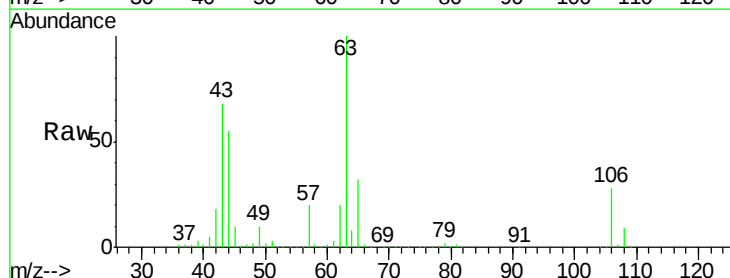
Acq: 14 Jun 2018 14:35

Tgt Ion: 63 Resp: 203048

Ion Ratio Lower Upper

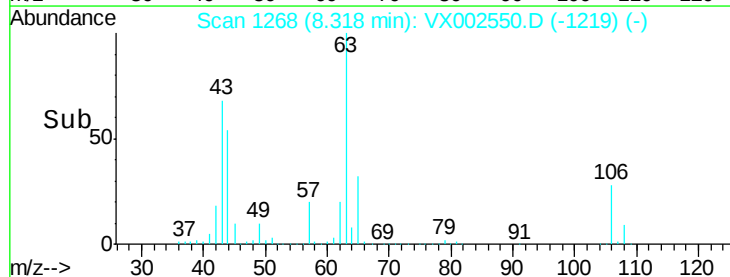
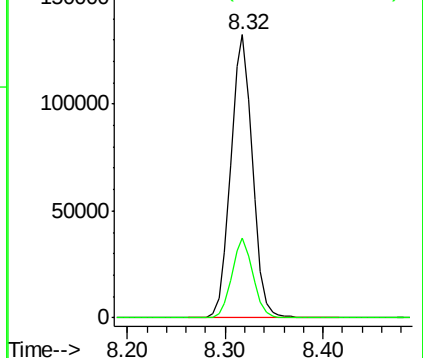
63 100

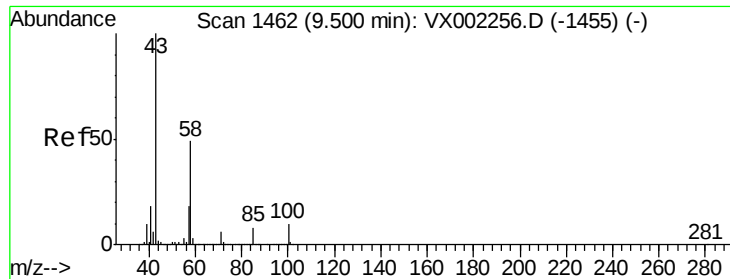
106 27.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

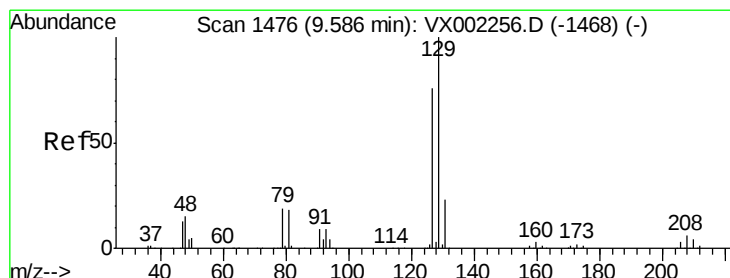
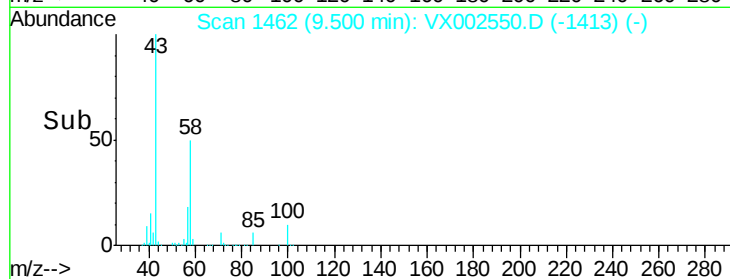
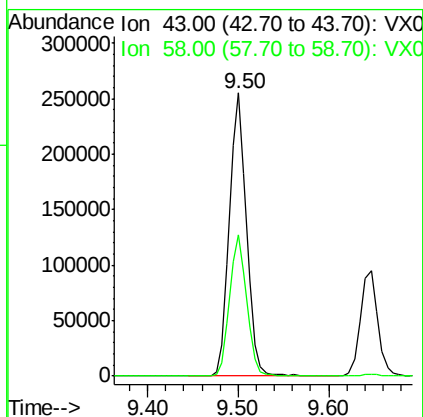
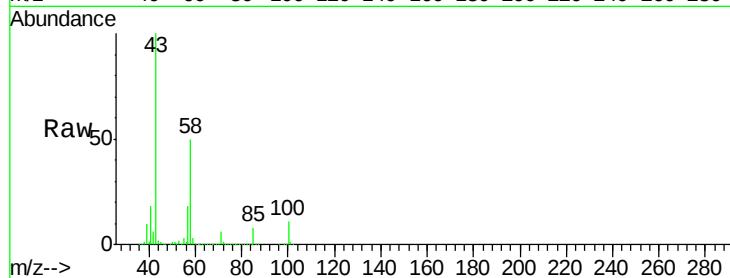




#59
2-Hexanone
Concen: 81.56 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

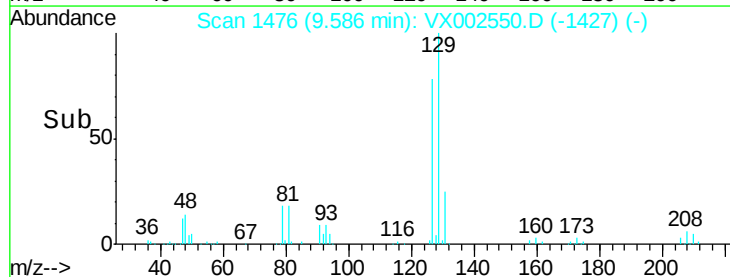
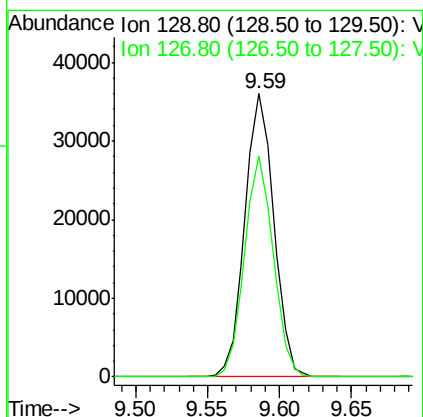
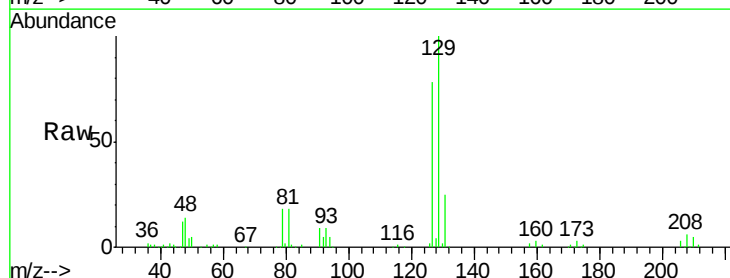
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 333884
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6



#60
Dibromochloromethane
Concen: 14.94 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion: 129 Resp: 50224
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 16.20 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

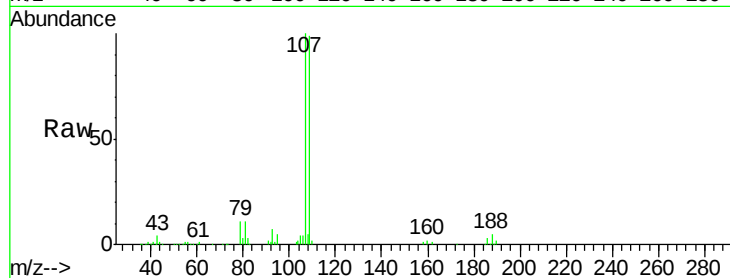
ClientSampleId :

Tot Ion:107 Resp: 56457

Ion Ratio Lower Upper

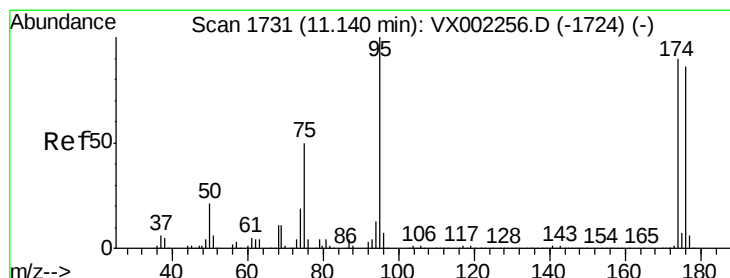
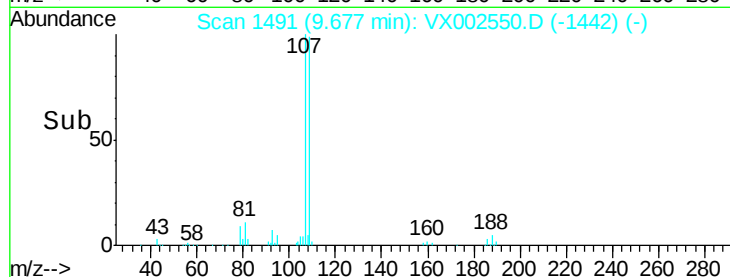
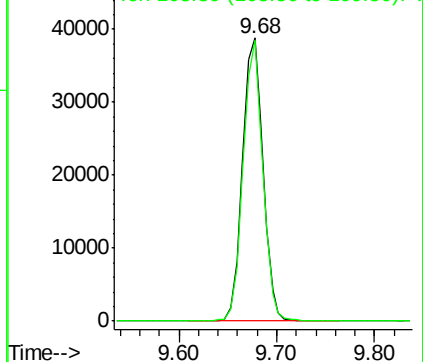
107 100

109 95.3 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: 49.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

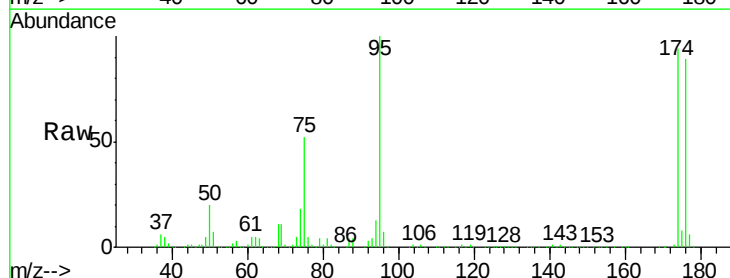
Tgt Ion: 95 Resp: 226953

Ion Ratio Lower Upper

95 100

174 95.5 0.0 187.4

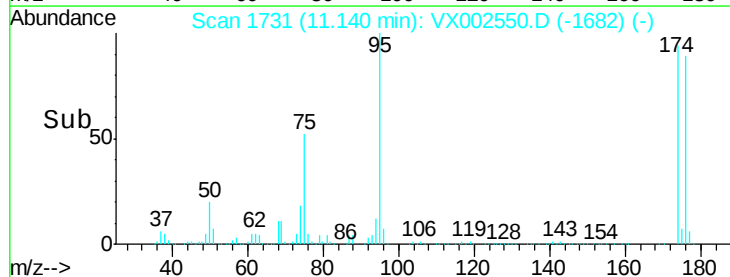
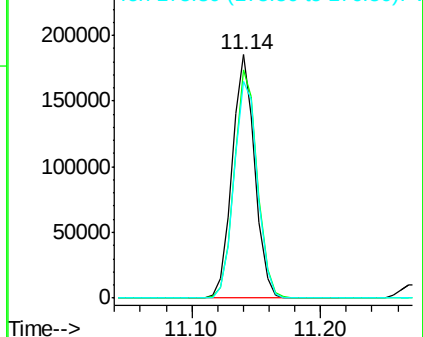
176 92.6 0.0 181.0

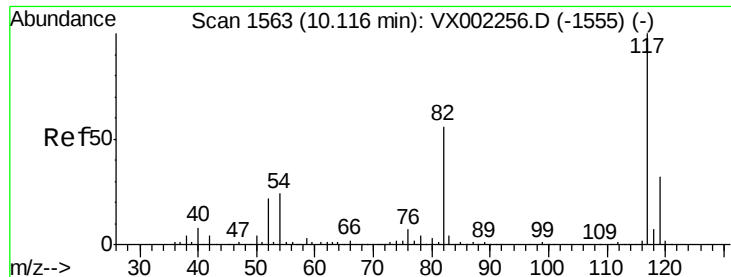


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

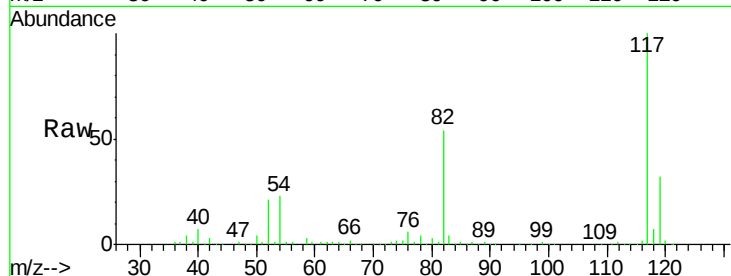
Tot Ion:117 Resp: 374424

Ion Ratio Lower Upper

117 100

82 53.6 45.0 67.4

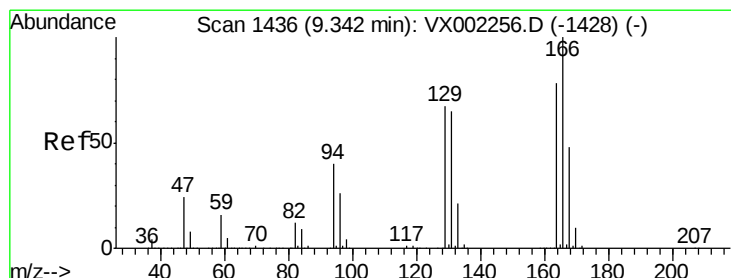
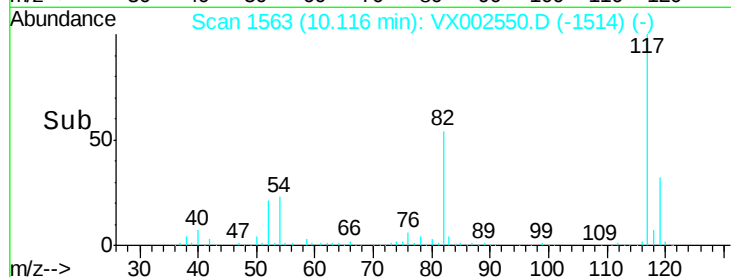
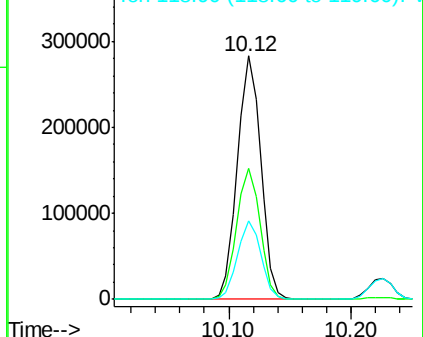
119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 15.68 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Tgt Ion:164 Resp: 60552

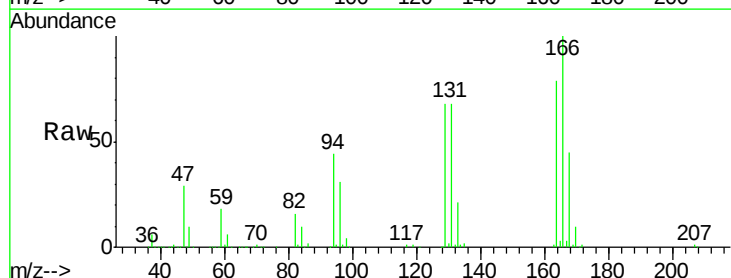
Ion Ratio Lower Upper

164 100

166 126.2 102.9 154.3

129 86.2 68.6 102.8

131 86.2 66.8 100.2

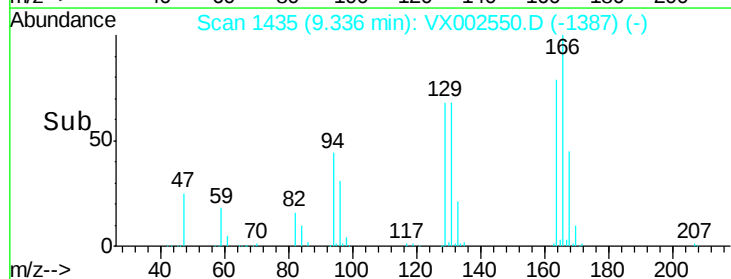
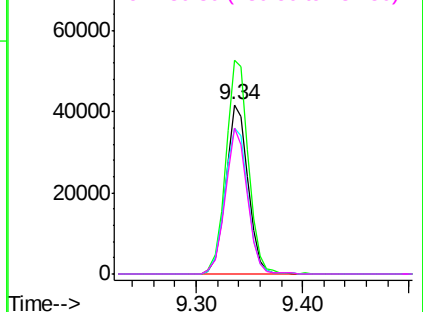


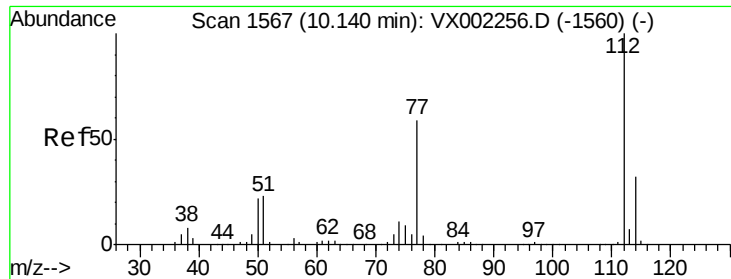
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 15.98 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

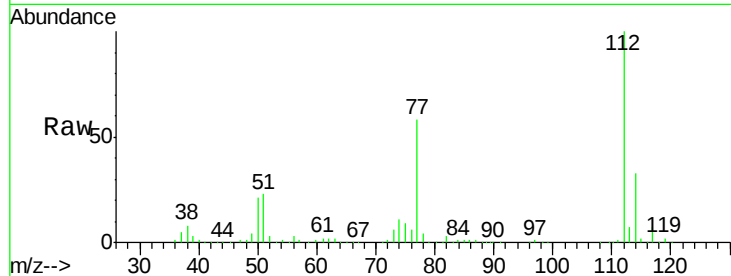
ClientSampleId :

Tot Ion:112 Resp: 148908

Ion Ratio Lower Upper

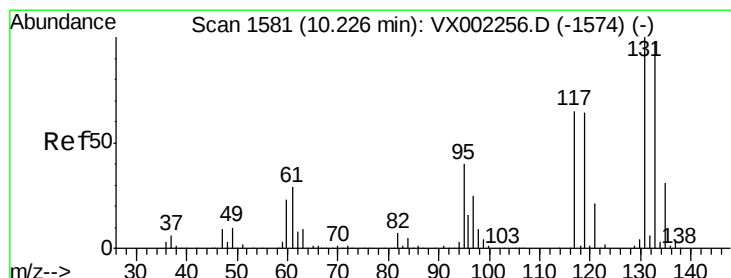
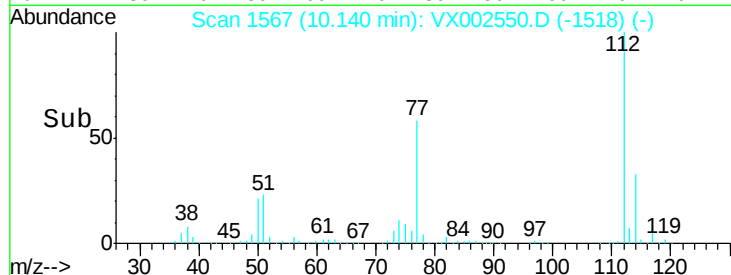
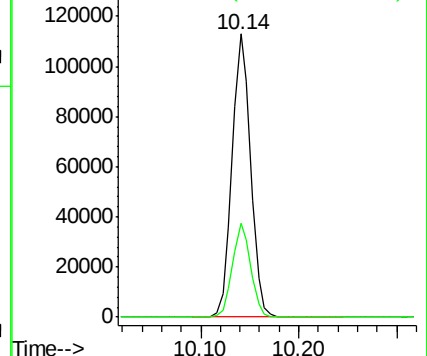
112 100

114 33.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 15.56 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

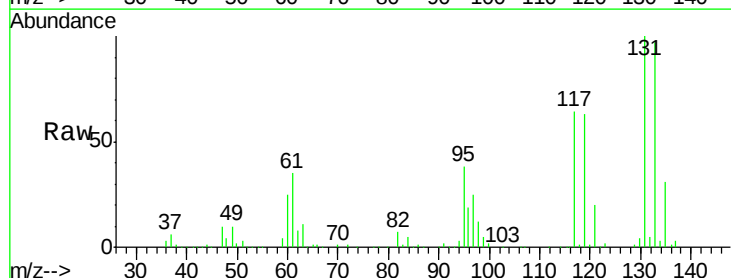
Tgt Ion:131 Resp: 52475

Ion Ratio Lower Upper

131 100

133 96.5 47.9 143.6

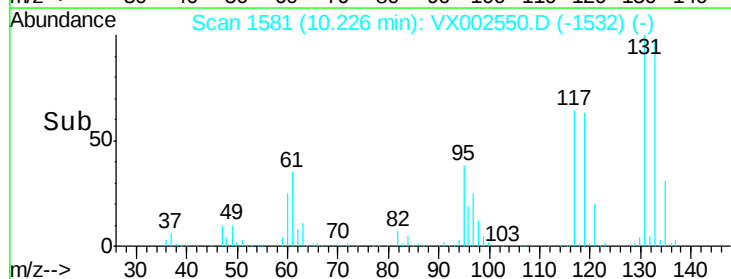
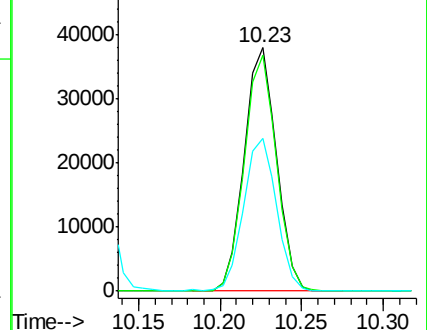
119 64.0 31.8 95.3

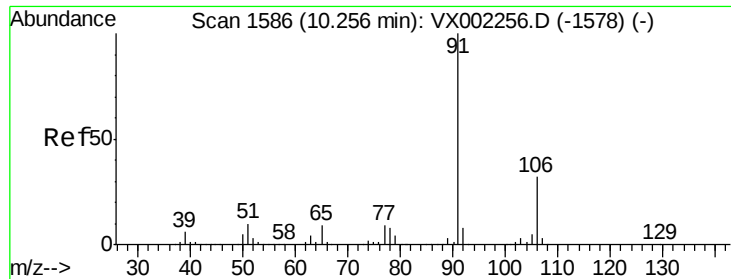


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

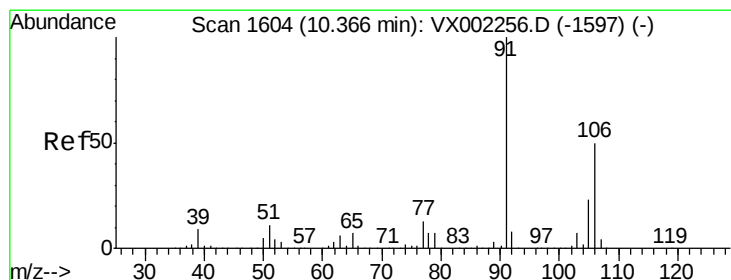
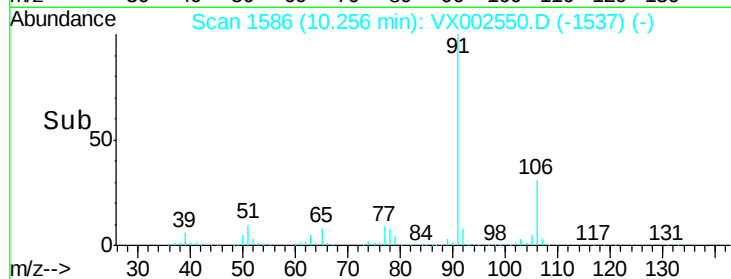
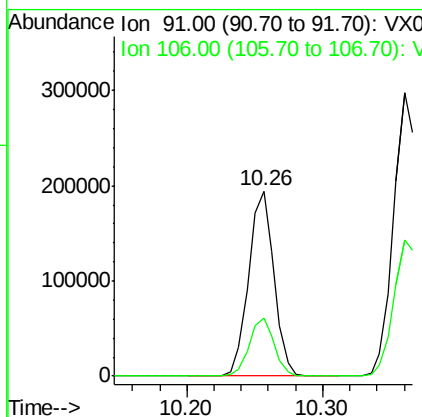
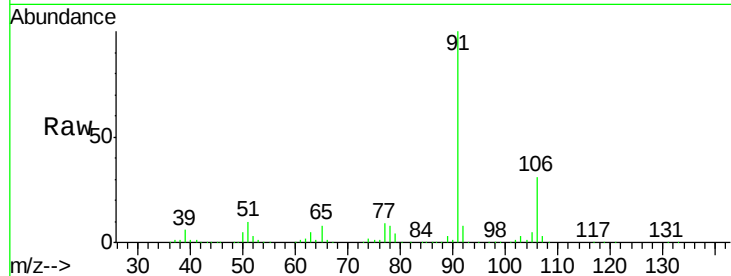




#67
Ethyl Benzene
Concen: 16.28 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

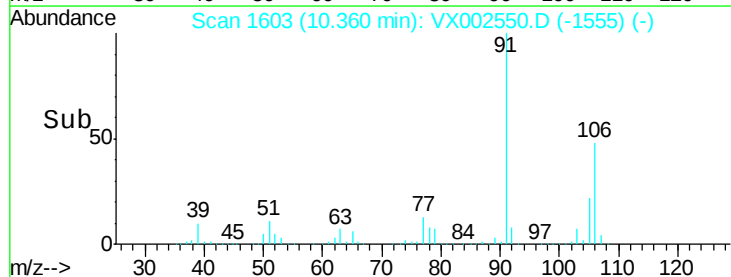
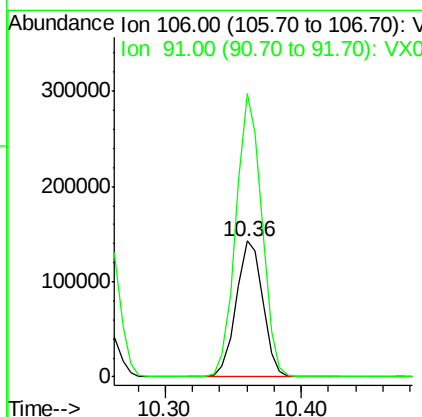
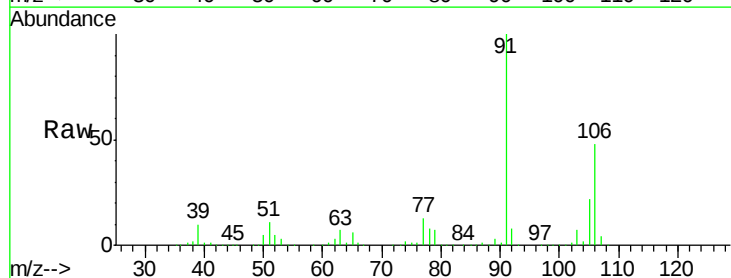
Instrument :
MSVOA_X
ClientSampled :

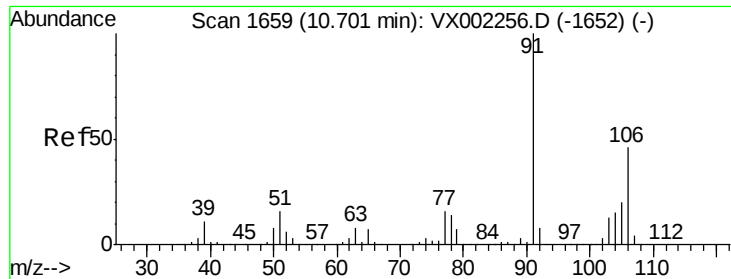
Tot Ion: 91 Resp: 253863
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 31.91 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion: 106 Resp: 193420
Ion Ratio Lower Upper
106 100
91 203.2 163.4 245.2

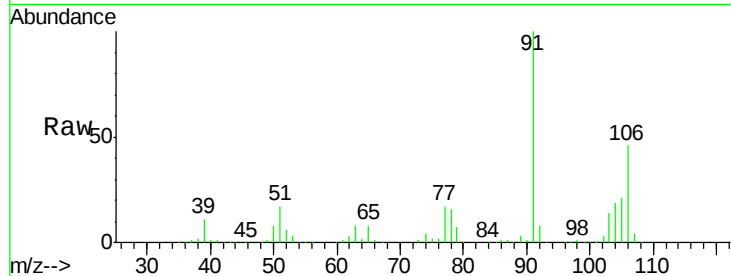




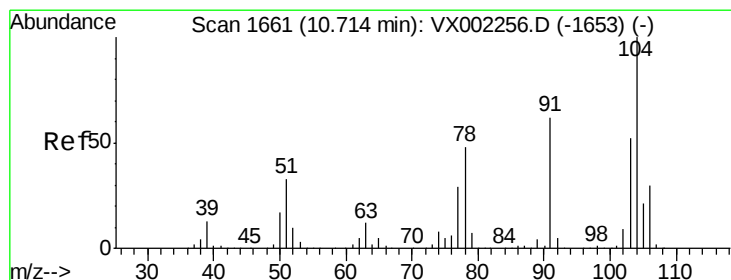
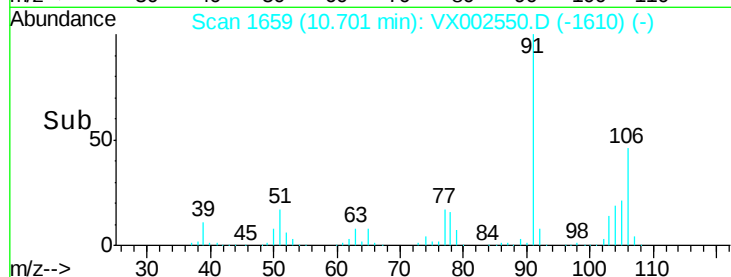
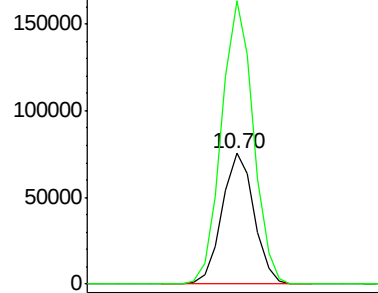
#69
o-Xylene
Concen: 15.90 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 95924
Ion Ratio Lower Upper
106 100
91 215.1 108.2 324.6

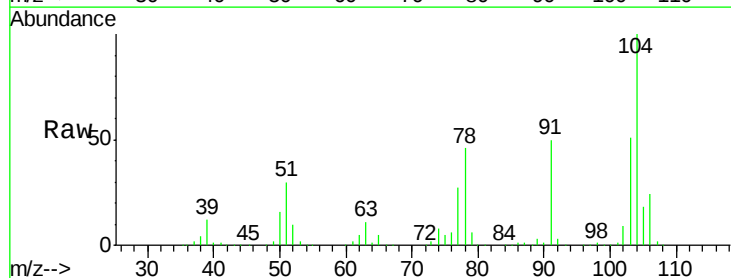


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

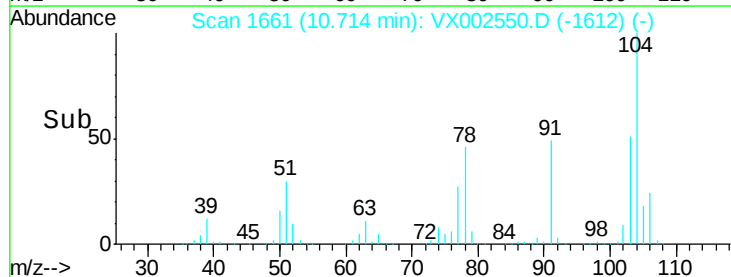
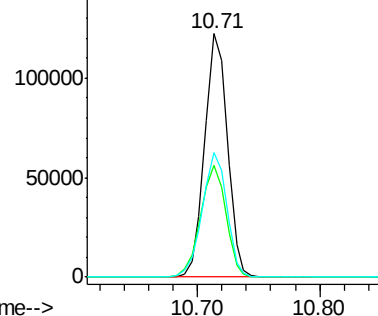


#70
Styrene
Concen: 15.93 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion:104 Resp: 157041
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 55.6 44.2 66.4



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





#71

Bromoform

Concen: 14.92 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

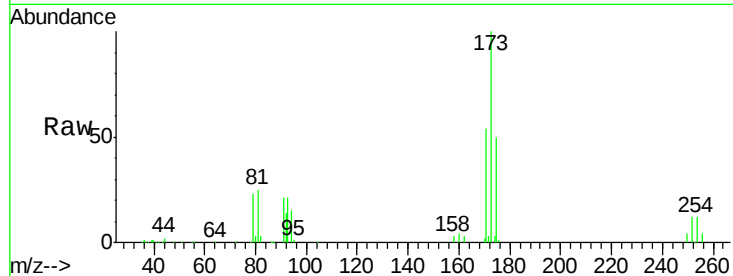
Tot Ion:173 Resp: 37218

Ion Ratio Lower Upper

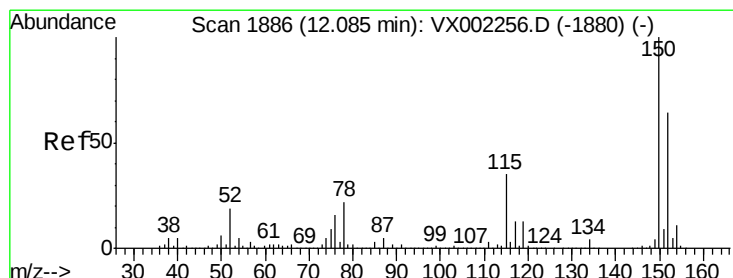
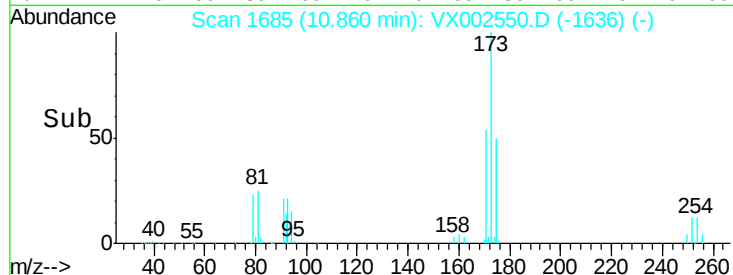
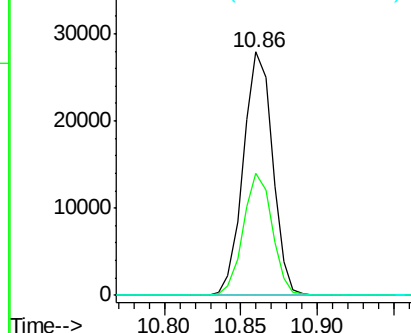
173 100

175 49.5 24.7 74.1

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

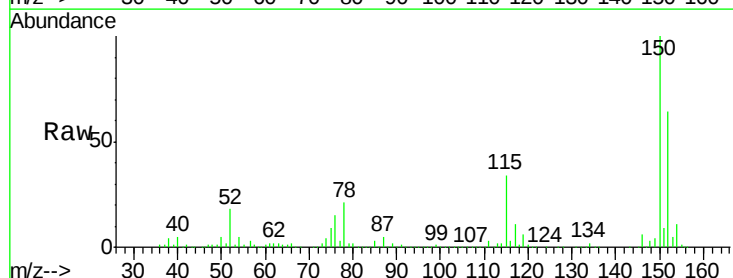
Tgt Ion:152 Resp: 219555

Ion Ratio Lower Upper

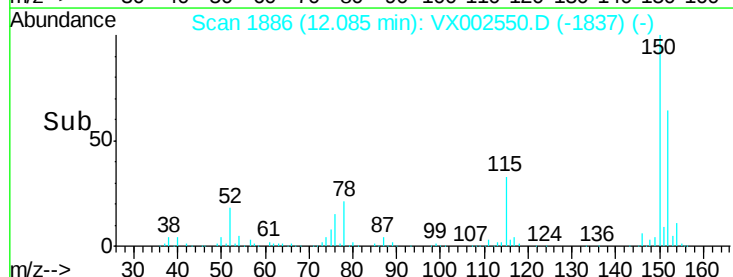
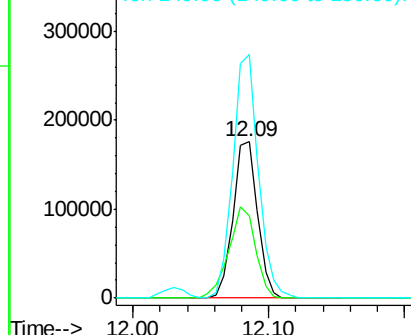
152 100

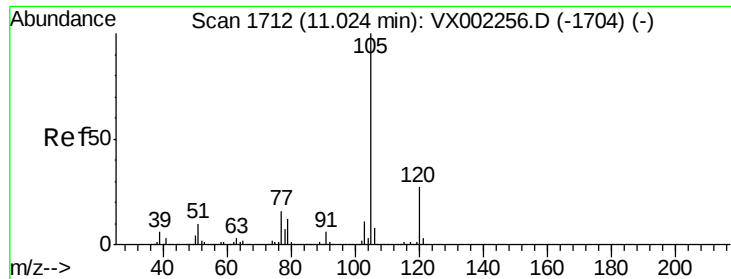
115 63.8 40.1 120.2

150 163.2 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

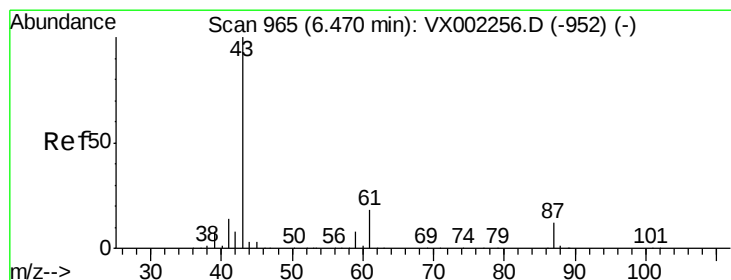
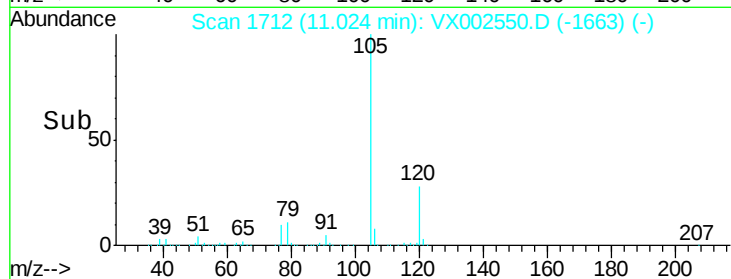
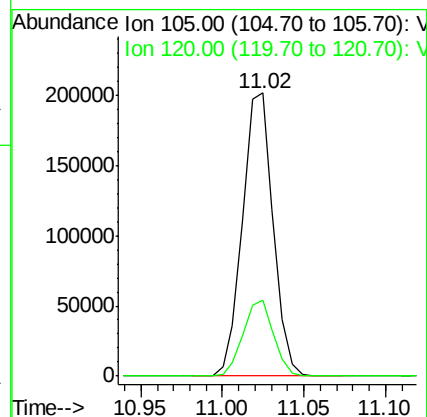
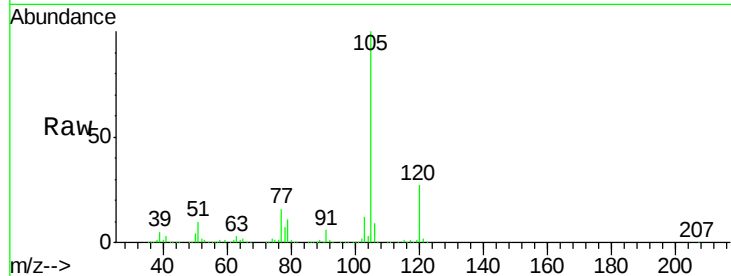




#73
Isopropylbenzene
Concen: 17.26 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

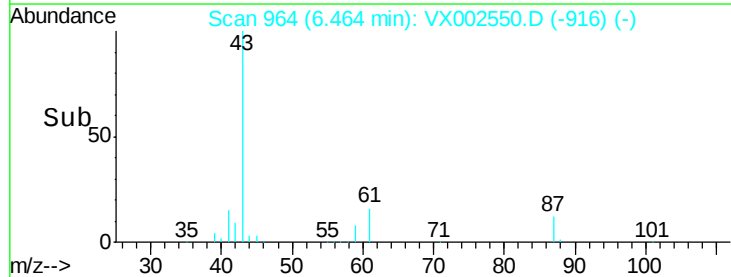
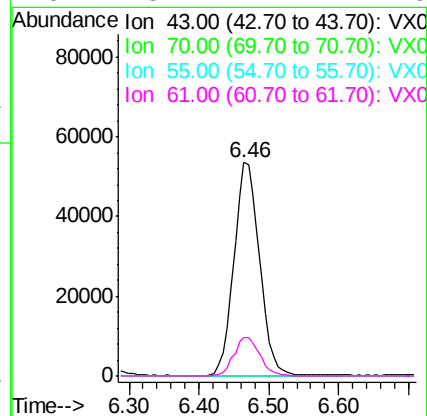
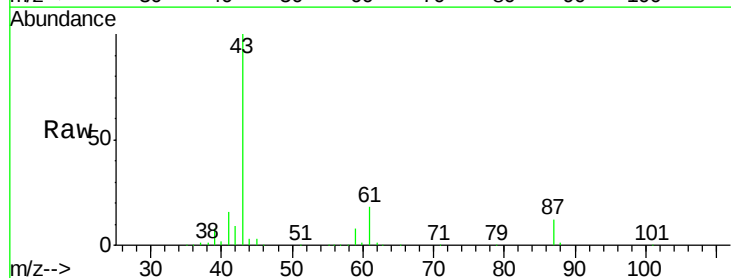
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:105 Resp: 263556
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#74
N-ethyl acetate
Concen: 16.45 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion: 43 Resp: 135357
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.2 0.0 0.0#
61 18.4 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.06 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

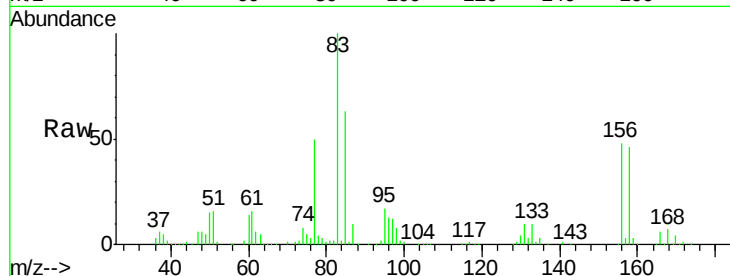
Tot Ion: 83 Resp: 81939

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

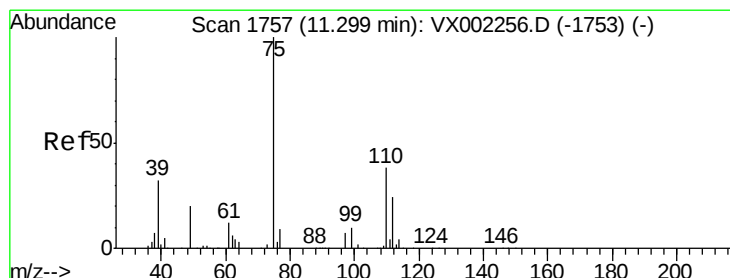
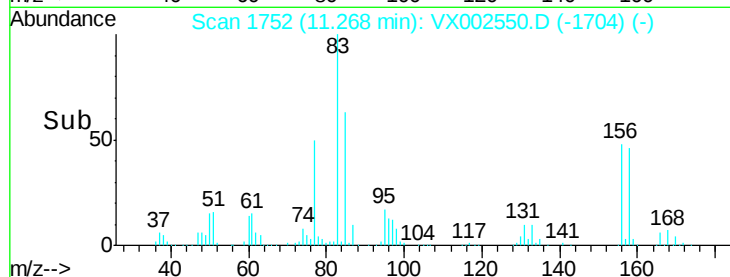
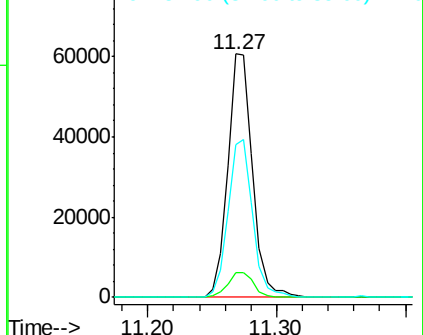
85 64.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX002256.D (-1746) (-)

Ion 130.80 (130.50 to 131.50): VX002256.D (-1746) (-)

Ion 84.90 (84.60 to 85.60): VX002256.D (-1746) (-)



#76

1,2,3-Trichloropropane

Concen: 18.88 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002550.D

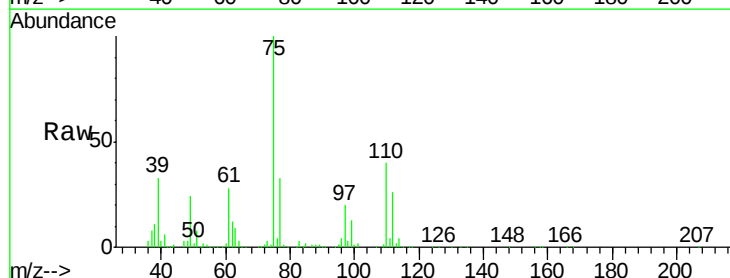
Acq: 14 Jun 2018 14:35

Tgt Ion: 75 Resp: 90971

Ion Ratio Lower Upper

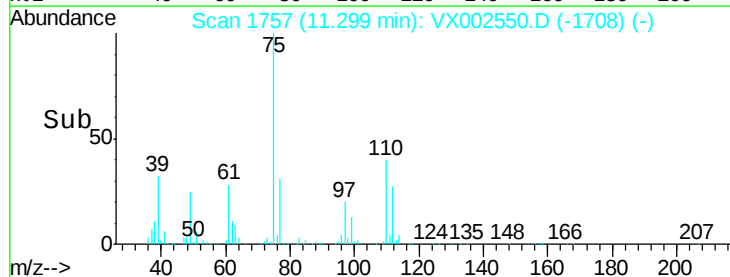
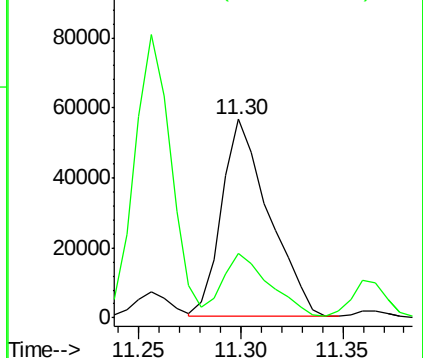
75 100

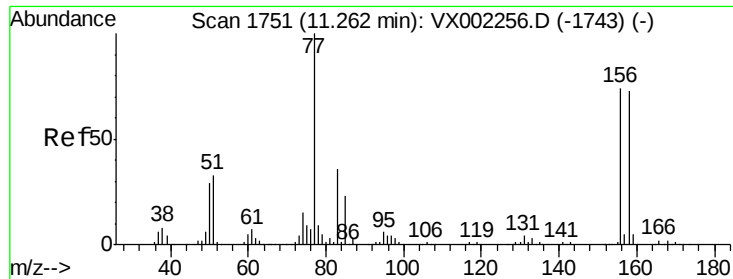
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX002256.D (-1753) (-)

Ion 77.00 (76.70 to 77.70): VX002256.D (-1753) (-)





#77

Bromobenzene

Concen: 16.99 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

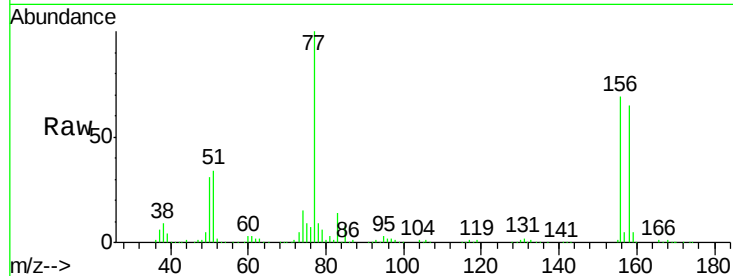
Tot Ion:156 Resp: 72852

Ion Ratio Lower Upper

156 100

77 137.7 71.4 214.2

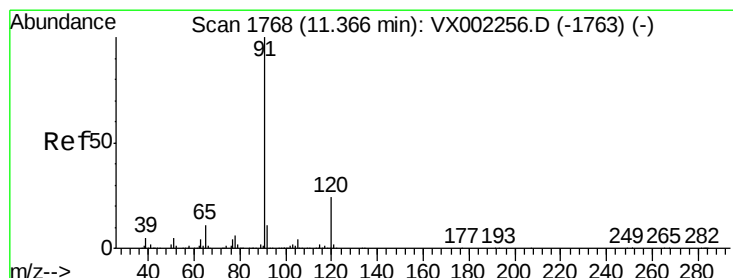
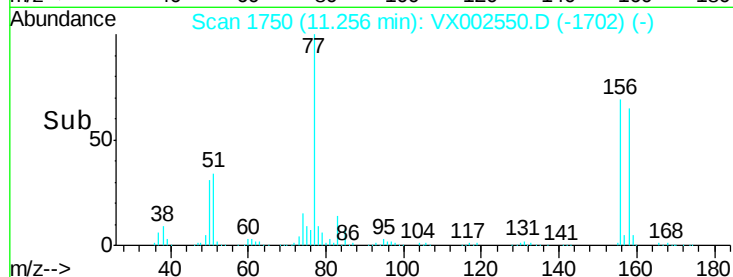
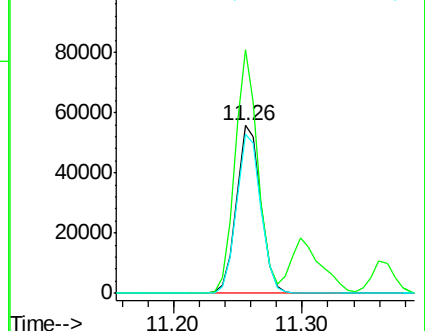
158 95.8 48.9 146.6



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: 17.65 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002550.D

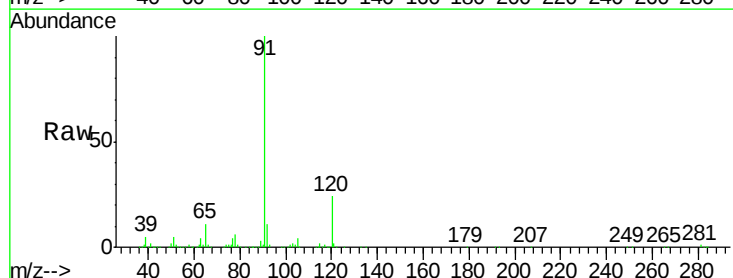
Acq: 14 Jun 2018 14:35

Tgt Ion: 91 Resp: 299610

Ion Ratio Lower Upper

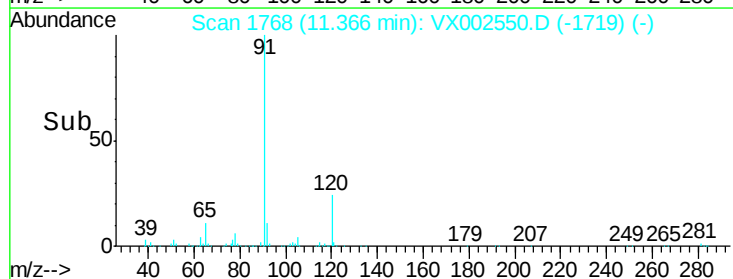
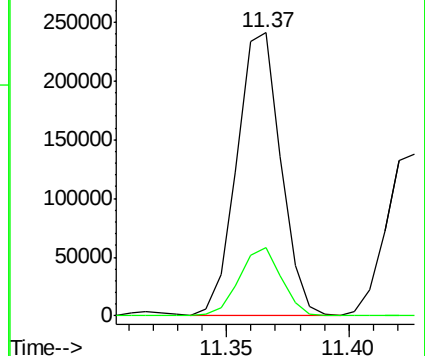
91 100

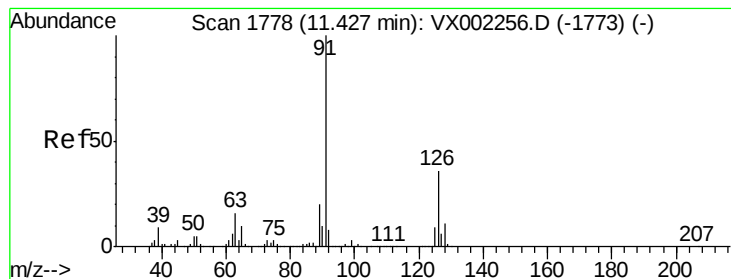
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.36 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

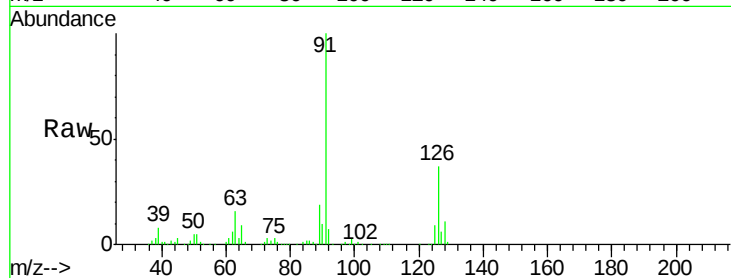
ClientSampled :

Tot Ion: 91 Resp: 175386

Ion Ratio Lower Upper

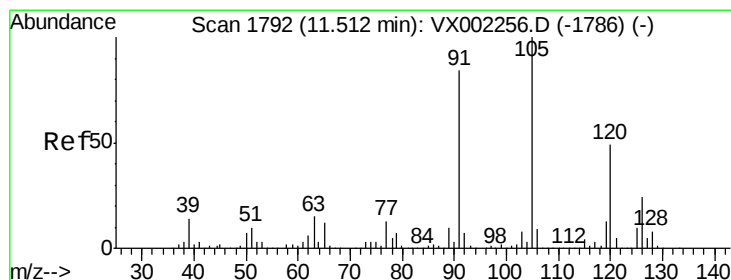
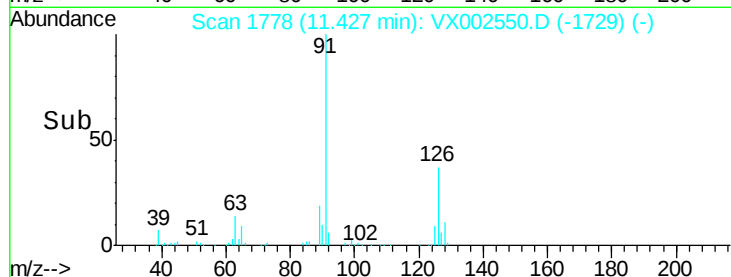
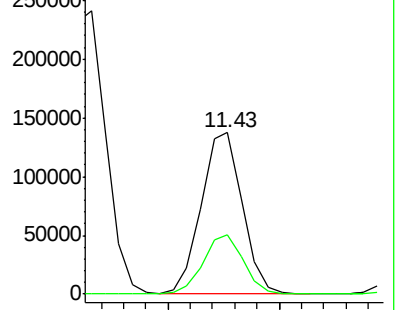
91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 16.84 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002550.D

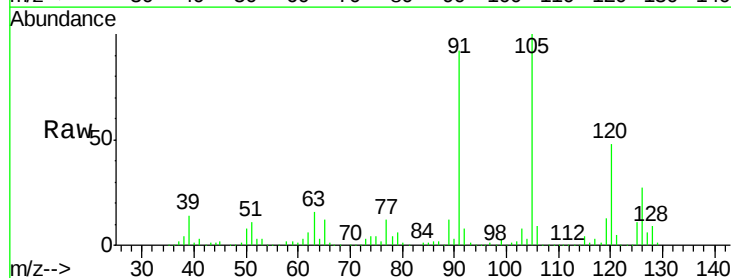
Acq: 14 Jun 2018 14:35

Tgt Ion:105 Resp: 220568

Ion Ratio Lower Upper

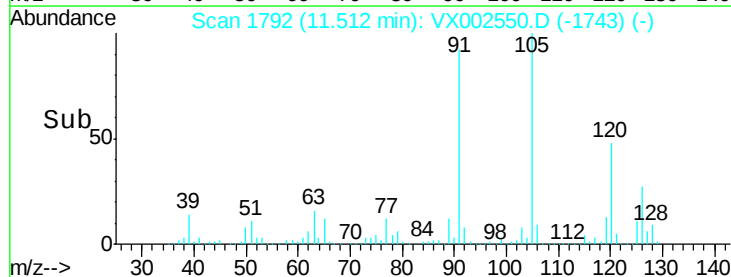
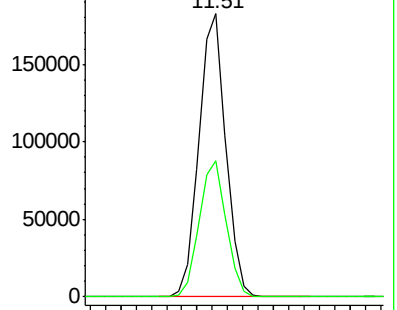
105 100

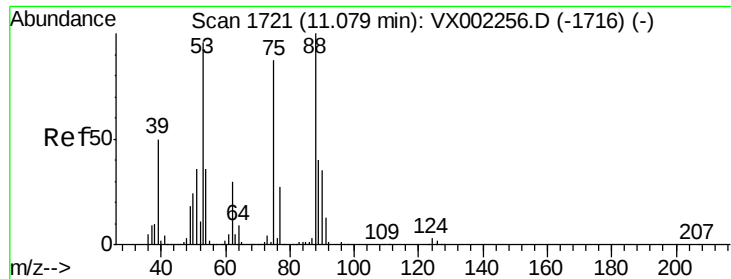
120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

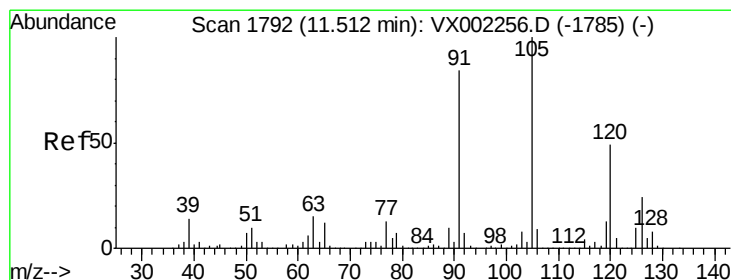
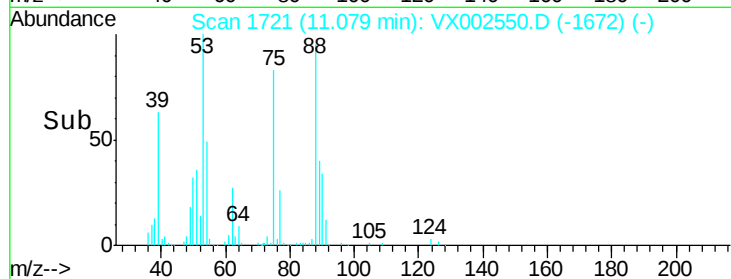
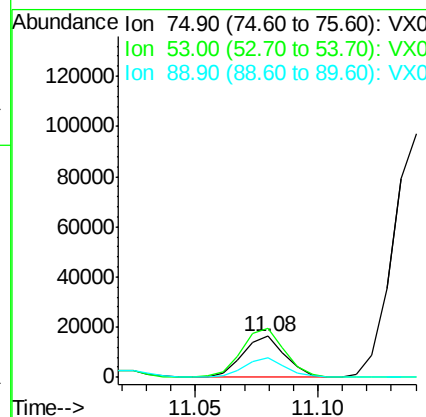
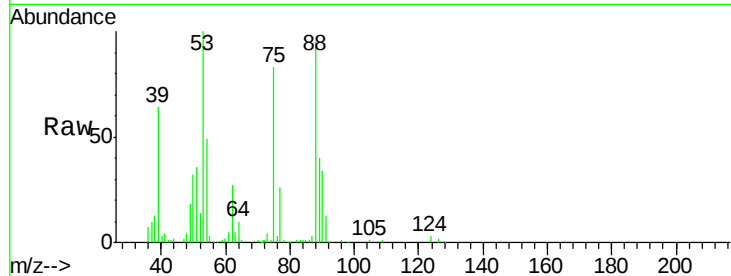




#81
trans-1,4-Dichloro-2-butene
Concen: 14.21 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

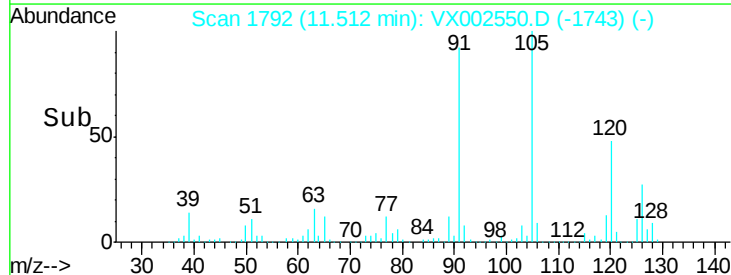
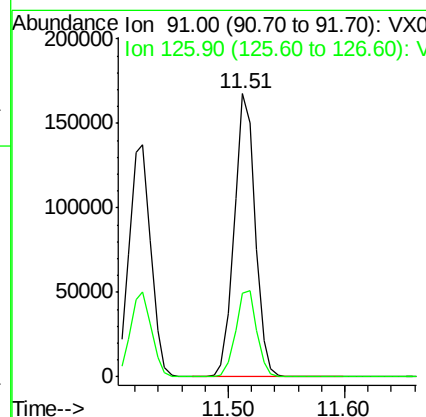
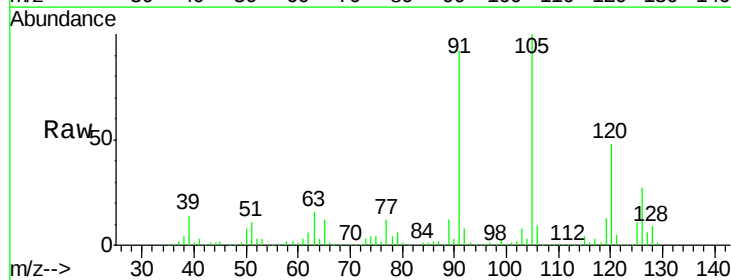
Instrument :
MSVOA_X
ClientSampleId :

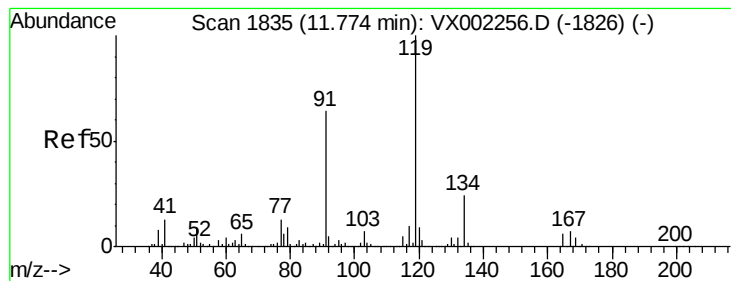
Tot Ion: 75 Resp: 19535
Ion Ratio Lower Upper
75 100
53 124.3 86.8 130.2
89 47.5 38.2 57.2



#82
4-Chlorotoluene
Concen: 16.94 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion: 91 Resp: 209608
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.4





#83

tert-Butylbenzene

Concen: 17.12 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

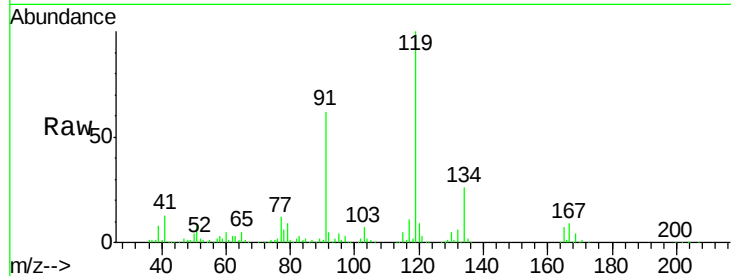
Tot Ion:119 Resp: 218445

Ion Ratio Lower Upper

119 100

91 60.8 30.3 90.9

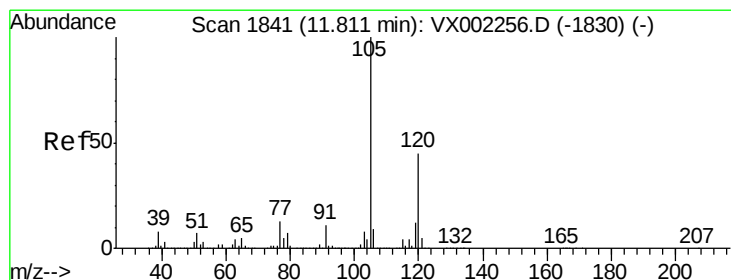
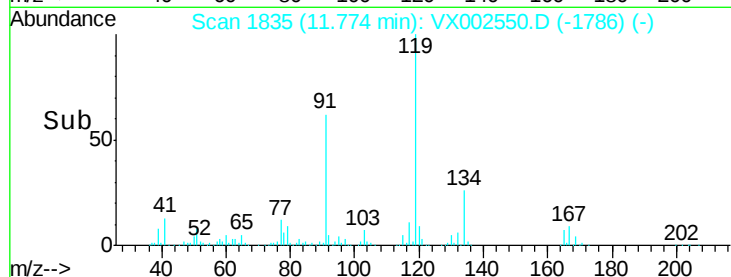
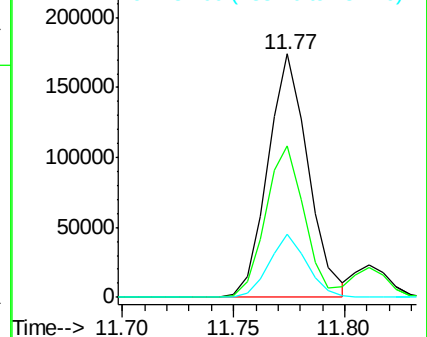
134 24.2 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 16.83 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002550.D

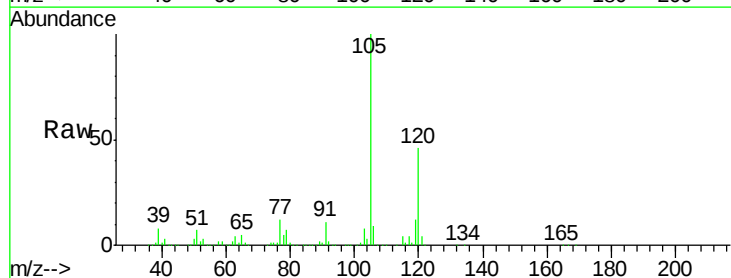
Acq: 14 Jun 2018 14:35

Tgt Ion:105 Resp: 226990

Ion Ratio Lower Upper

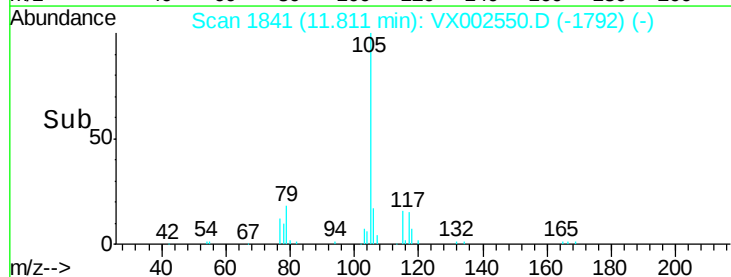
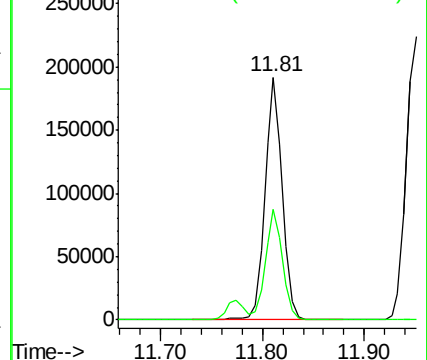
105 100

120 45.3 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.03 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

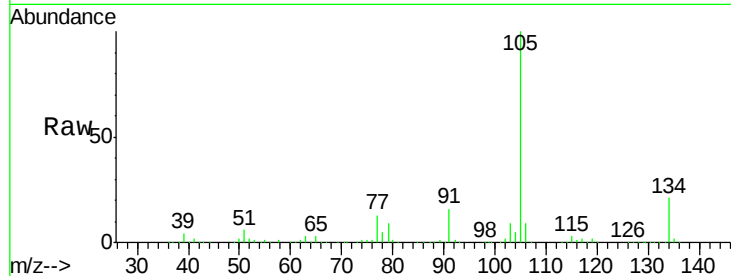
ClientSampleId :

Tot Ion:105 Resp: 269639

Ion Ratio Lower Upper

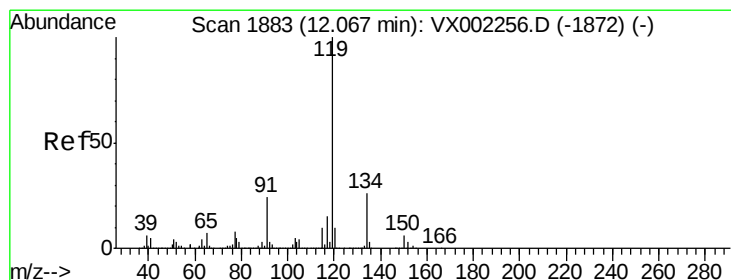
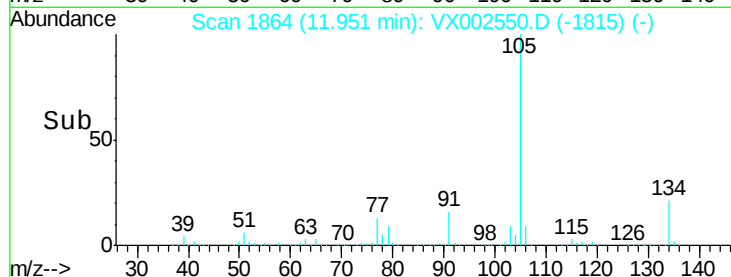
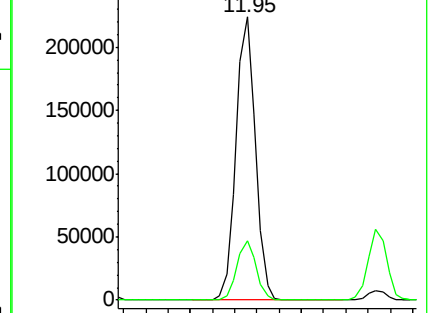
105 100

134 21.0 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: 17.87 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

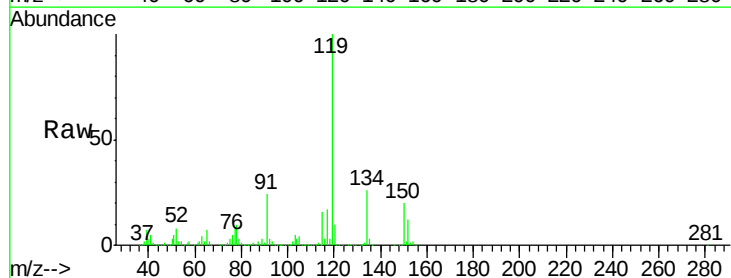
Tgt Ion:119 Resp: 243389

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

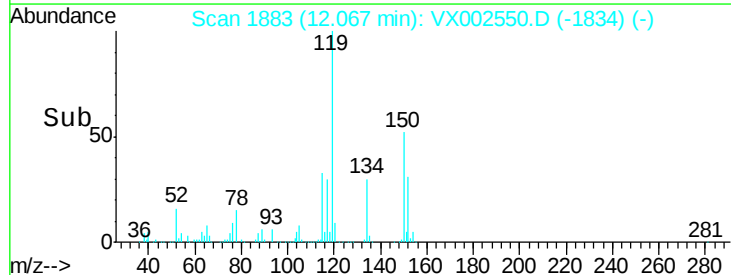
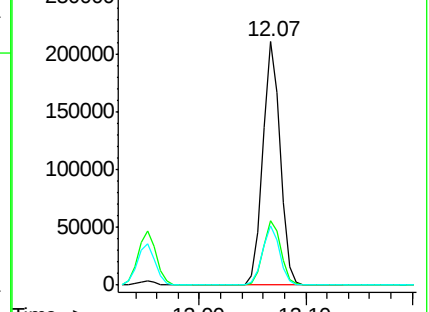
91 24.3 11.9 35.7

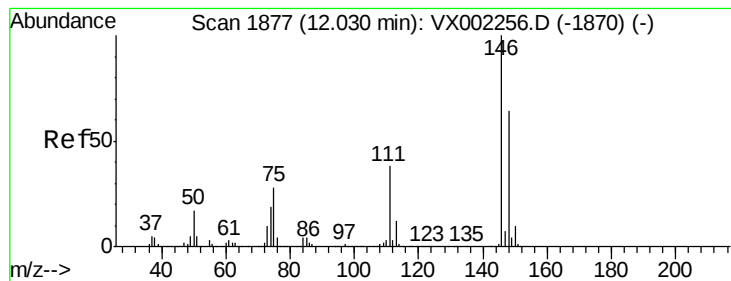


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.08 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

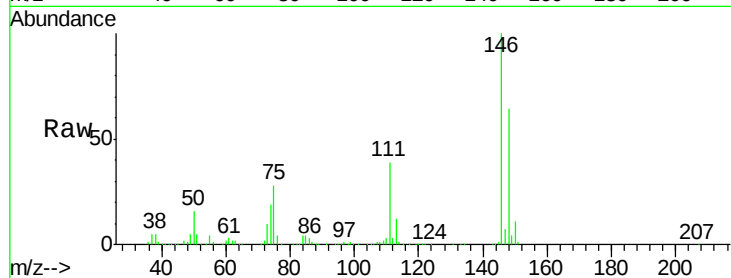
Tot Ion:146 Resp: 130971

Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.7

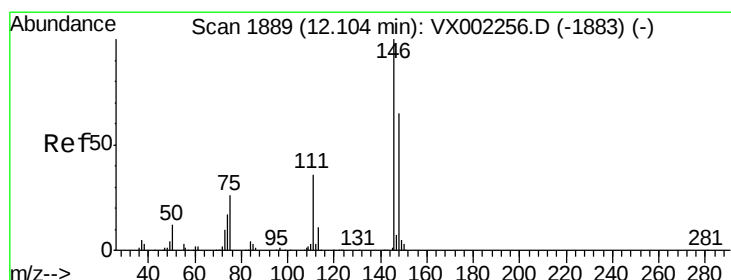
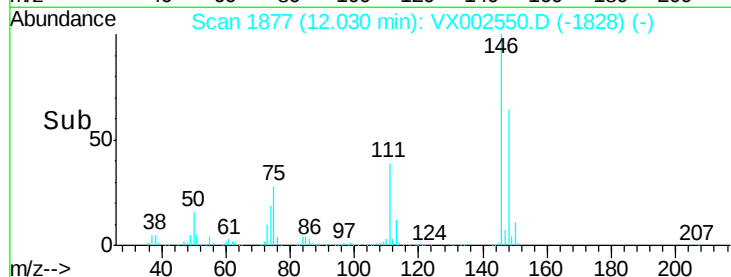
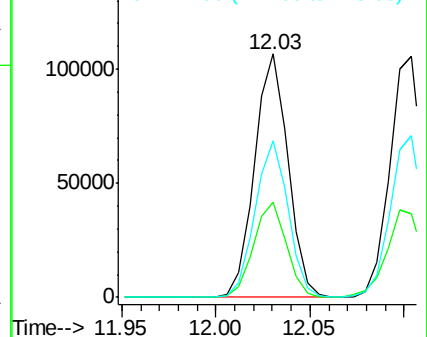
148 63.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 16.81 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

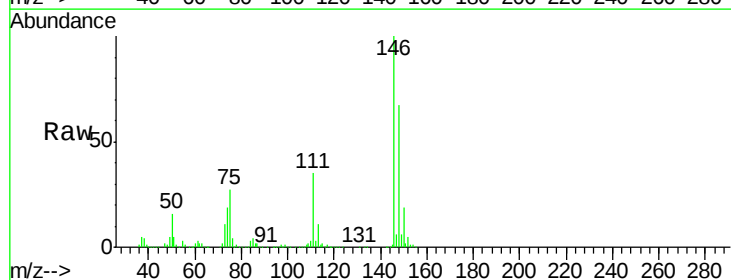
Tgt Ion:146 Resp: 132849

Ion Ratio Lower Upper

146 100

111 38.2 18.7 56.1

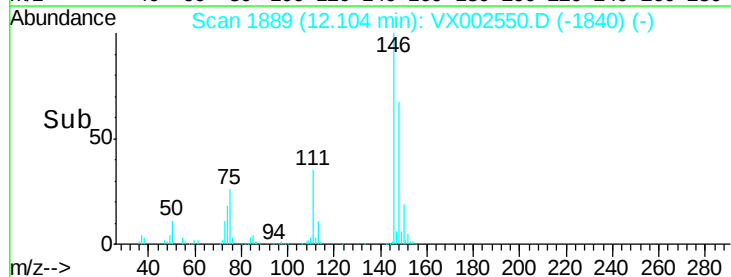
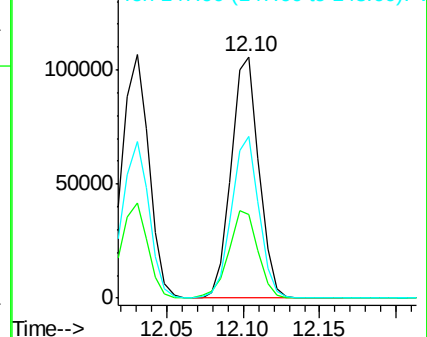
148 66.3 32.4 97.0

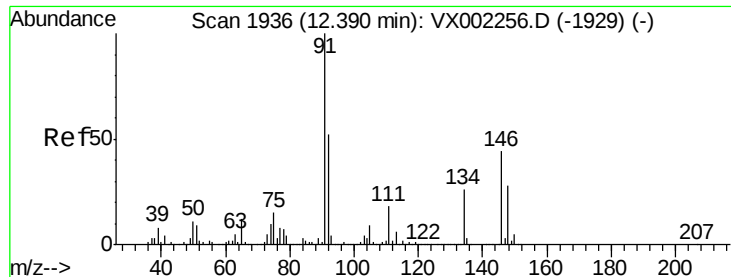


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.54 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

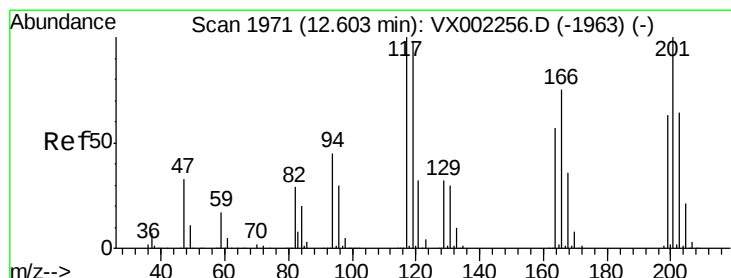
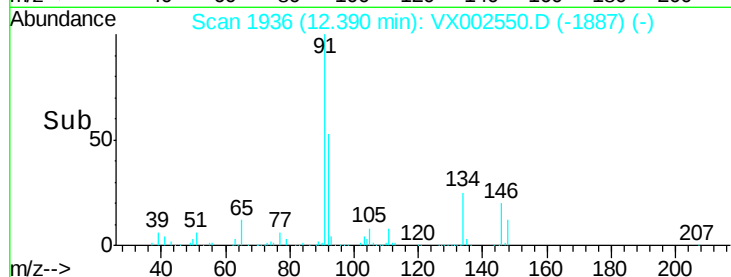
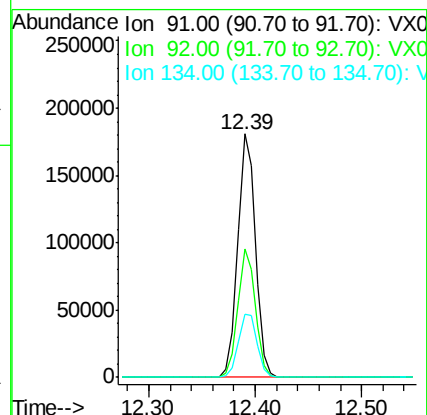
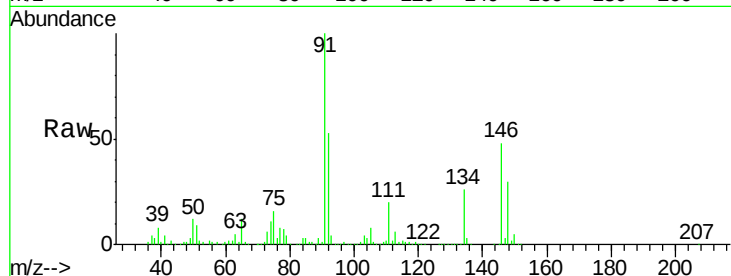
Tot Ion: 91 Resp: 211823

Ion Ratio Lower Upper

91 100

92 52.2 26.0 78.0

134 27.4 13.5 40.5



#90

Hexachloroethane

Concen: 14.83 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX002550.D

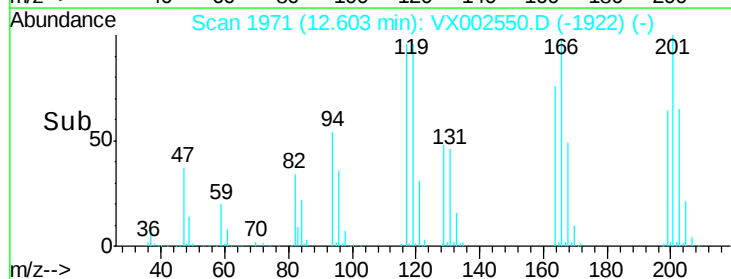
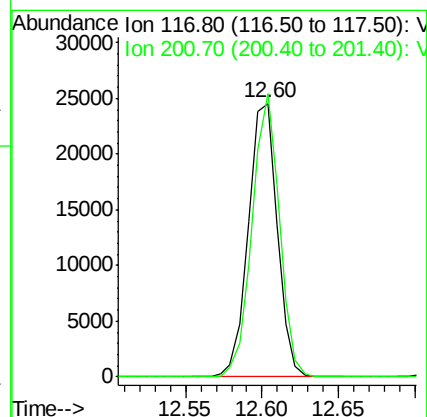
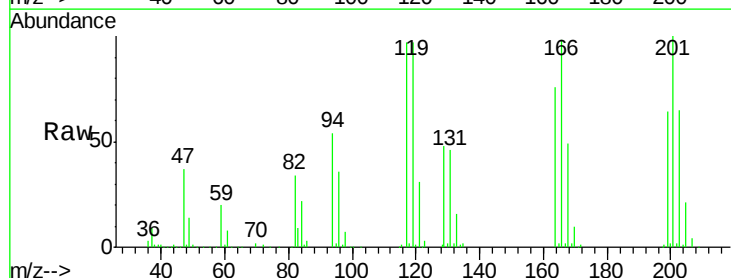
Acq: 14 Jun 2018 14:35

Tgt Ion: 117 Resp: 32248

Ion Ratio Lower Upper

117 100

201 97.3 49.0 147.0

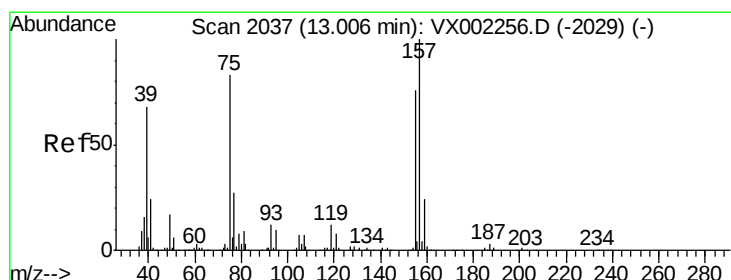
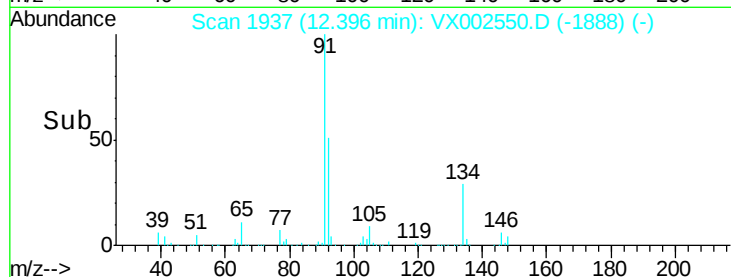
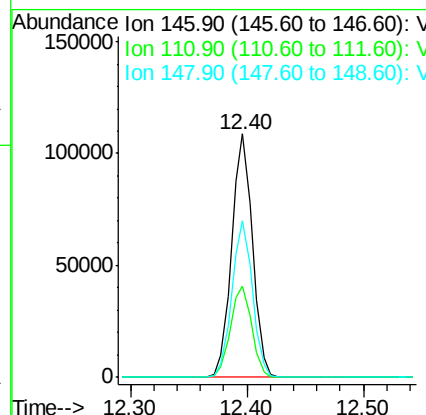
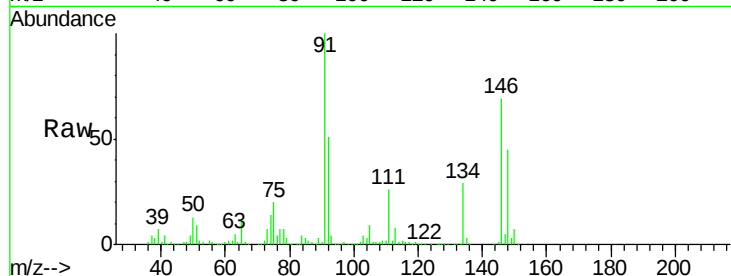




#91
1,2-Dichlorobenzene
Concen: 16.94 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

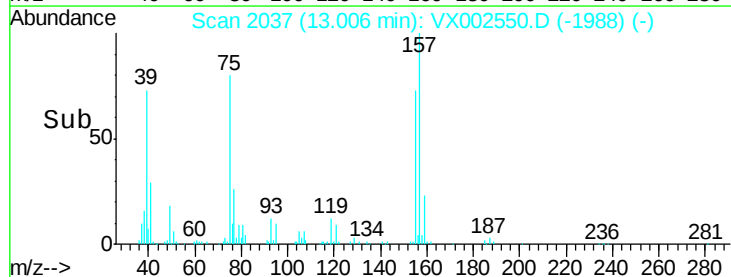
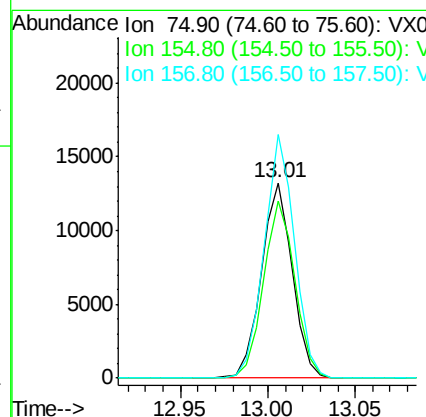
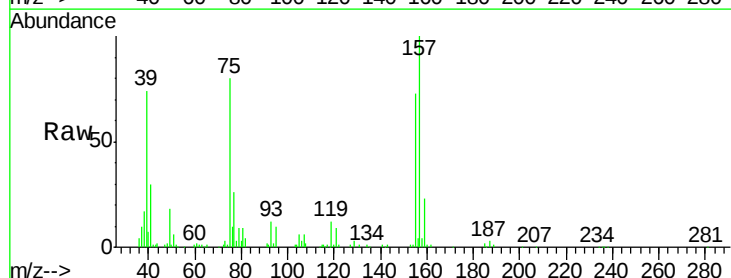
Instrument :
MSVOA_X
ClientSampleId :

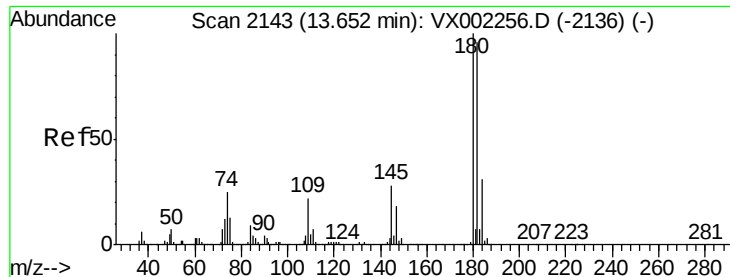
Tot Ion:146 Resp: 134359
Ion Ratio Lower Upper
146 100
111 38.3 19.4 58.1
148 63.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.49 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VX002550.D
Acq: 14 Jun 2018 14:35

Tgt Ion: 75 Resp: 16276
Ion Ratio Lower Upper
75 100
155 91.4 45.8 137.4
157 122.4 60.1 180.3

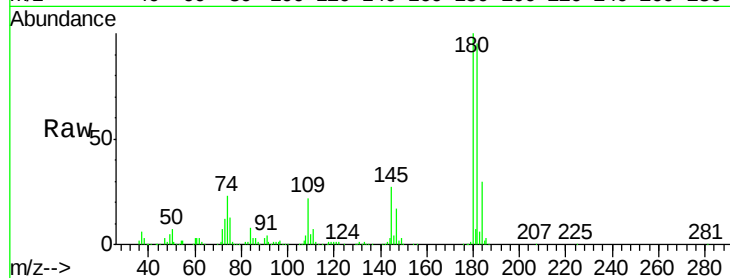




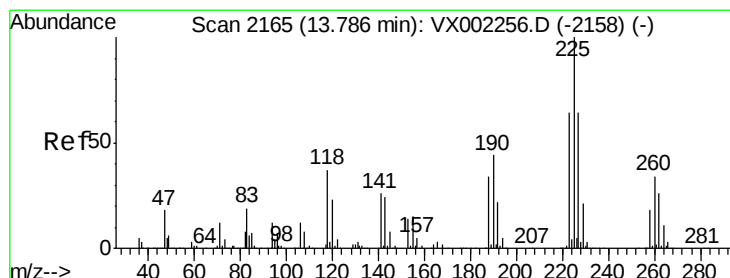
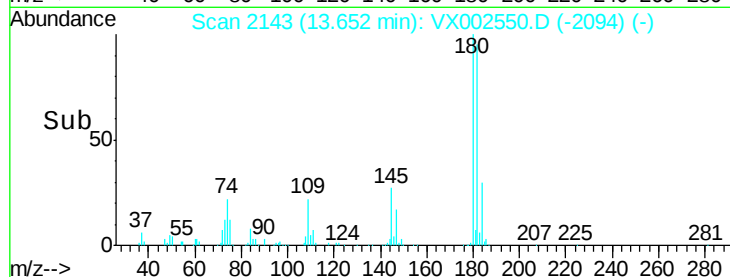
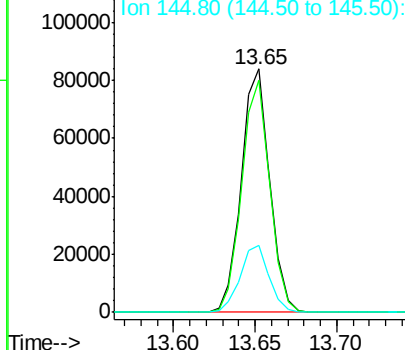
#93
 1,2,4-Trichlorobenzene
 Concen: 18.35 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002550.D
 Acq: 14 Jun 2018 14:35

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 102049
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.7 143.1
 145 27.9 14.1 42.4

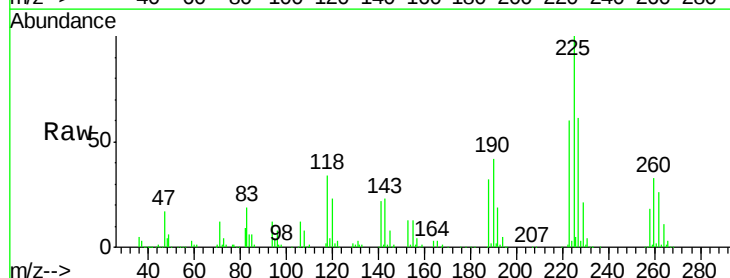


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

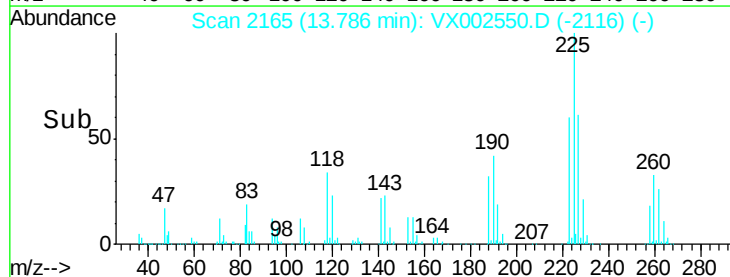
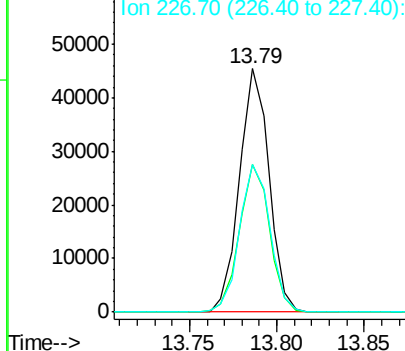


#94
 Hexachlorobutadiene
 Concen: 19.44 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002550.D
 Acq: 14 Jun 2018 14:35

Tgt Ion:225 Resp: 53440
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.6 95.0
 227 62.4 32.4 97.2



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





#95

Naphthalene

Concen: 17.57 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

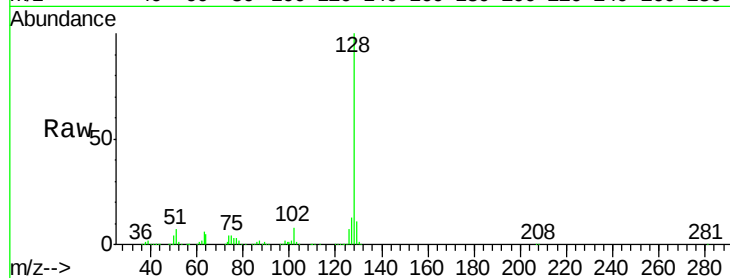
Tot Ion:128 Resp: 280733

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

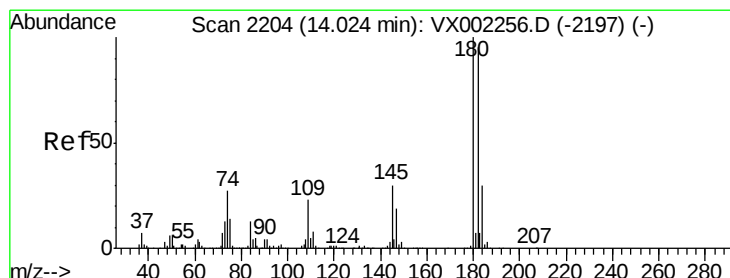
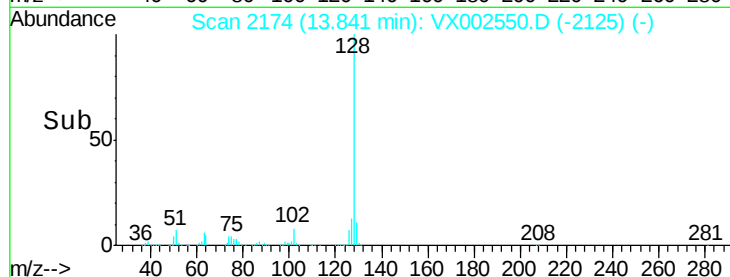
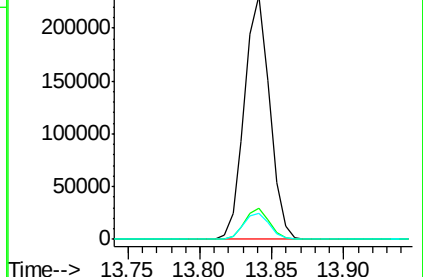
129 10.9 8.6 13.0



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: 18.02 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002550.D

Acq: 14 Jun 2018 14:35

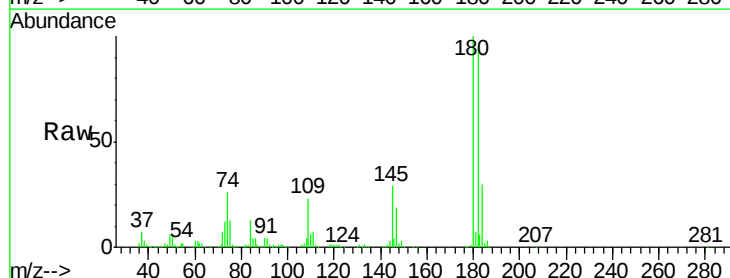
Tgt Ion:180 Resp: 102209

Ion Ratio Lower Upper

180 100

182 96.5 48.0 144.0

145 29.8 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

