

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002514.D
 Acq On : 13 Jun 2018 17:48
 Operator : JC/MD
 Sample : VX0613WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 01:46:51 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	202306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	283737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173948	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	127412	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	
35) Dibromofluoromethane	5.51	113	97195	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	
50) Toluene-d8	8.72	98	366194	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	
62) 4-Bromofluorobenzene	11.14	95	135967	41.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	37346	17.76	ug/l	99
3) Chloromethane	1.32	50	42548	15.69	ug/l	98
4) Vinyl Chloride	1.40	62	47599	17.96	ug/l	100
5) Bromomethane	1.64	94	27493	16.06	ug/l	99
6) Chloroethane	1.73	64	31193	18.19	ug/l	100
7) Trichlorofluoromethane	1.93	101	82531	20.44	ug/l	99
8) Diethyl Ether	2.19	74	31485	20.53	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49742	22.83	ug/l	98
10) Methyl Iodide	2.51	142	49098	16.02	ug/l	98
11) Tert butyl alcohol	3.07	59	65758	98.95	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40903	18.99	ug/l	99
13) Acrolein	2.29	56	17929	54.80	ug/l	98
14) Allyl chloride	2.73	41	82413	17.63	ug/l	98
15) Acrylonitrile	3.15	53	139879	108.11	ug/l	100
16) Acetone	2.45	43	140349	101.41	ug/l	98
17) Carbon Disulfide	2.57	76	83728	14.75	ug/l	99
18) Methyl Acetate	2.78	43	67478	21.76	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	165847	20.71	ug/l	99
20) Methylene Chloride	2.86	84	48831	19.67	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	44002	18.53	ug/l	97
22) Diisopropyl ether	3.87	45	165254	20.28	ug/l	95
23) Vinyl Acetate	3.82	43	744293	98.23	ug/l	100
24) 1,1-Dichloroethane	3.70	63	89347	19.34	ug/l	99
25) 2-Butanone	4.71	43	174595	88.02	ug/l	100
26) 2,2-Dichloropropane	4.59	77	57862	16.02	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	44874	17.37	ug/l	97
28) Bromochloromethane	5.03	49	37922	16.95	ug/l	98
29) Tetrahydrofuran	5.17	42	109486	85.61	ug/l	98
30) Chloroform	5.21	83	80458	18.05	ug/l	97
31) Cyclohexane	5.58	56	64049	17.53	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	66070	17.48	ug/l	99
36) 1,1-Dichloropropene	5.81	75	54962	18.43	ug/l	98
37) Ethyl Acetate	4.86	43	68094	18.98	ug/l	99
38) Carbon Tetrachloride	5.78	117	56974	18.26	ug/l	98

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 ClientSampleId :

Quant Time: Jun 14 01:46:51 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	67948	18.60	ug/l	97
40) Benzene	6.15	78	167547	18.32	ug/l	99
41) Methacrylonitrile	5.07	41	38520	18.76	ug/l	98
42) 1,2-Dichloroethane	6.20	62	70368	19.36	ug/l	100
43) Isopropyl Acetate	6.47	43	110703	18.17	ug/l	100
44) Trichloroethene	7.22	130	48679	19.18	ug/l	98
45) 1,2-Dichloropropane	7.52	63	47086	19.07	ug/l	96
46) Dibromomethane	7.67	93	31986	19.11	ug/l	97
47) Bromodichloromethane	7.90	83	54870	18.13	ug/l	99
48) Methyl methacrylate	7.78	41	56940	18.60	ug/l	97
49) 1,4-Dioxane	7.76	88	22493	393.06	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	365833	96.41	ug/l	100
52) Toluene	8.79	92	109960	18.90	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	64094	17.66	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	58826	17.18	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	47142	19.70	ug/l	97
56) Ethyl methacrylate	9.18	69	69787	18.27	ug/l	99
57) 1,3-Dichloropropane	9.38	76	79244	19.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	180893	102.32	ug/l	99
59) 2-Hexanone	9.50	43	280798	95.81	ug/l	100
60) Dibromochloromethane	9.59	129	42761	17.77	ug/l	98
61) 1,2-Dibromoethane	9.68	107	48239	19.34	ug/l	99
64) Tetrachloroethene	9.34	164	55609	19.57	ug/l	95
65) Chlorobenzene	10.14	112	128150	18.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	44883	18.08	ug/l	99
67) Ethyl Benzene	10.26	91	217478	18.95	ug/l	100
68) m/p-Xylenes	10.37	106	165923	37.20	ug/l	99
69) o-Xylene	10.70	106	80481	18.13	ug/l	97
70) Styrene	10.71	104	137112	18.90	ug/l	100
71) Bromoform	10.86	173	30660	16.29	ug/l #	98
73) Isopropylbenzene	11.02	105	227228	18.78	ug/l	100
74) N-amyl acetate	6.47	43	110703	16.98	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	69640	18.30	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	78845	20.66	ug/l	79
77) Bromobenzene	11.26	156	61079	17.98	ug/l	100
78) n-propylbenzene	11.37	91	259161	19.27	ug/l	100
79) 2-Chlorotoluene	11.43	91	152749	17.99	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	190969	18.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	15536	14.27	ug/l #	85
82) 4-Chlorotoluene	11.51	91	182454	18.61	ug/l	100
83) tert-Butylbenzene	11.77	119	184657	18.27	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	197547	18.49	ug/l	99
85) sec-Butylbenzene	11.95	105	236744	19.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	213211	19.76	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	113275	18.65	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	117602	18.78	ug/l	99
89) n-Butylbenzene	12.39	91	188806	20.86	ug/l	99
90) Hexachloroethane	12.60	117	28196	16.37	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	114910	18.28	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13893	16.69	ug/l	99

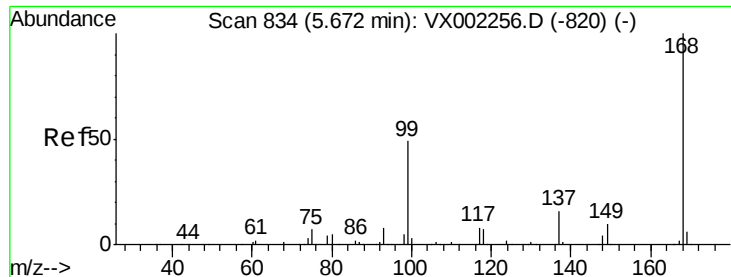
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85313	19.36	ug/l	99
94) Hexachlorobutadiene	13.79	225	47867	21.98	ug/l	98
95) Naphthalene	13.84	128	237042	18.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86837	19.32	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: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

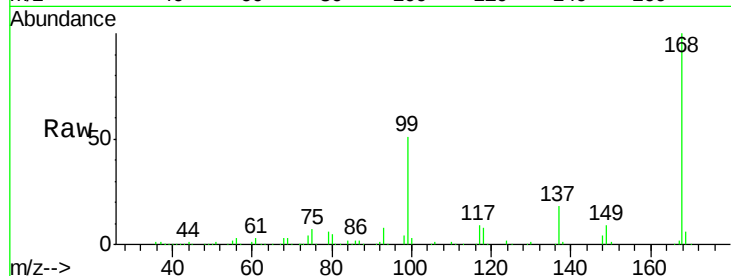
ClientSampleId :

Tot Ion:168 Resp: 202306

Ion Ratio Lower Upper

168 100

99 51.0 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

80000

60000

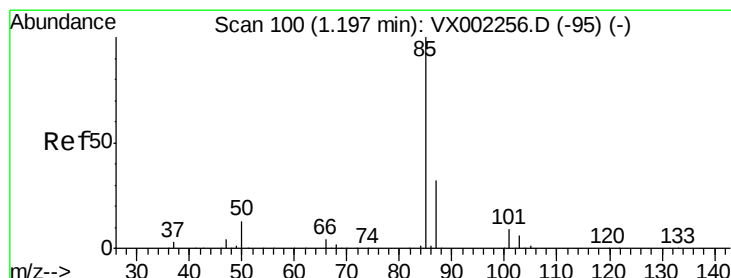
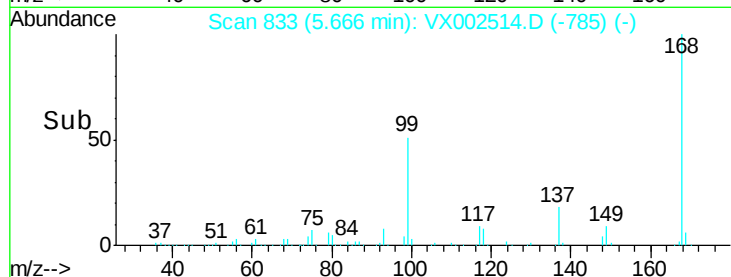
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.76 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002514.D

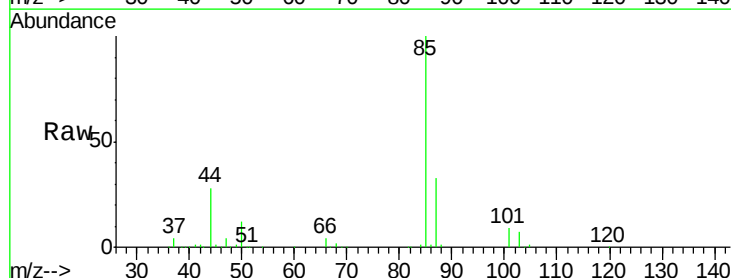
Acq: 13 Jun 2018 17:48

Tgt Ion: 85 Resp: 37346

Ion Ratio Lower Upper

85 100

87 32.7 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

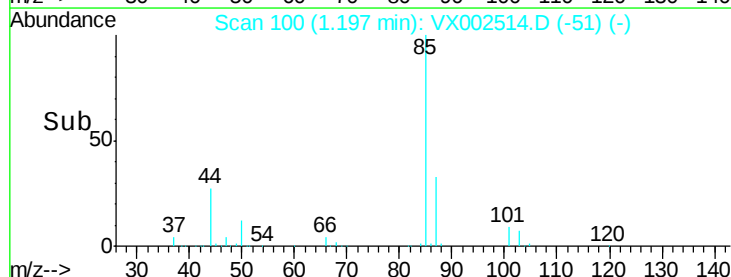
20000

10000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 15.69 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

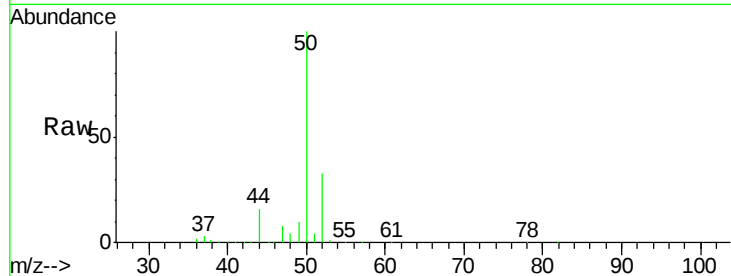
ClientSampleId :

Tot Ion: 50 Resp: 42548

Ion Ratio Lower Upper

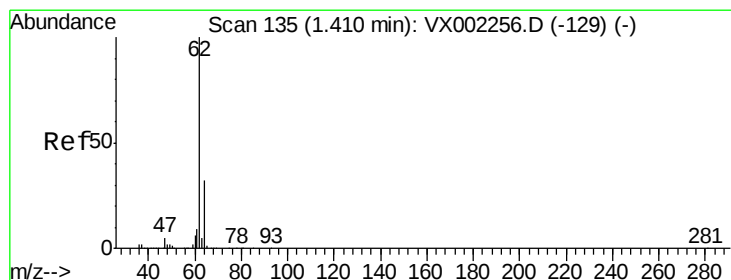
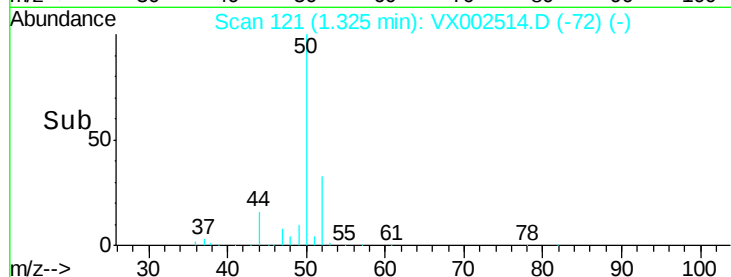
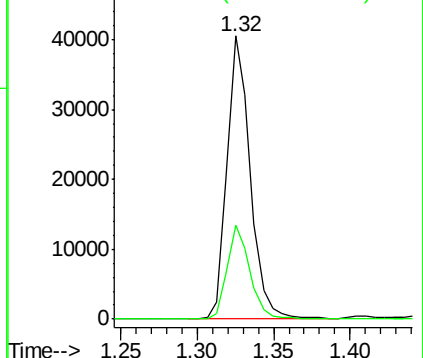
50 100

52 33.0 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: 17.96 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002514.D

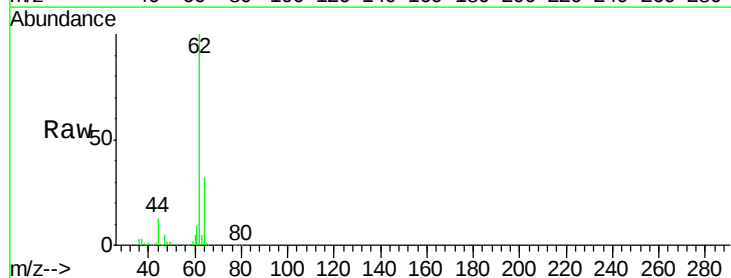
Acq: 13 Jun 2018 17:48

Tgt Ion: 62 Resp: 47599

Ion Ratio Lower Upper

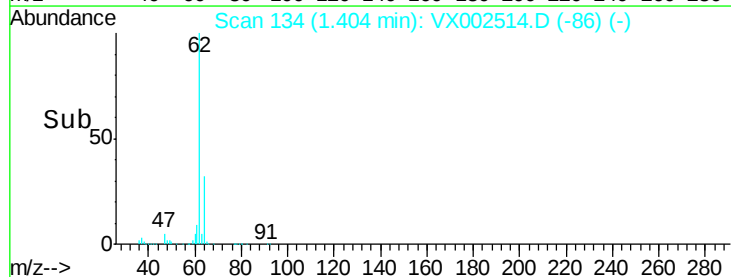
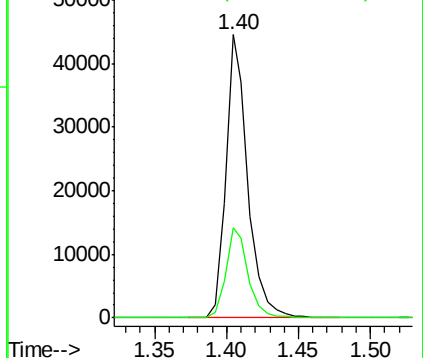
62 100

64 31.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.06 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

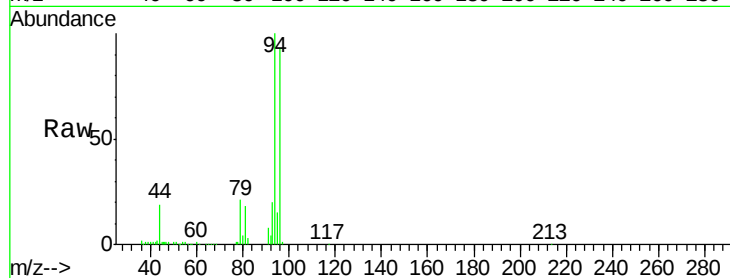
ClientSampleId :

Tot Ion: 94 Resp: 27493

Ion Ratio Lower Upper

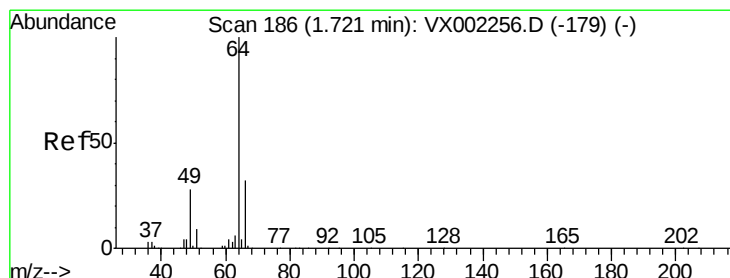
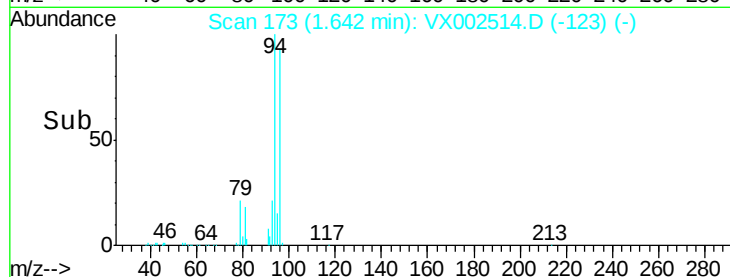
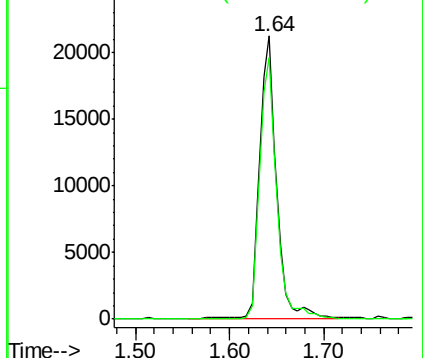
94 100

96 92.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.19 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002514.D

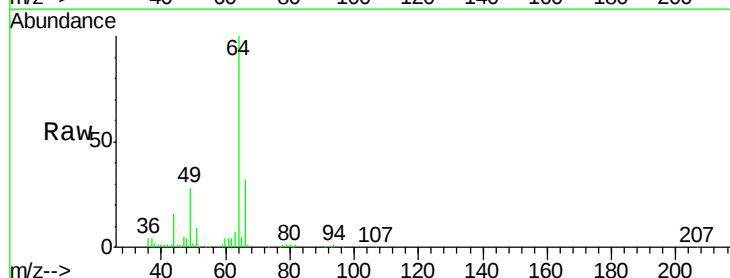
Acq: 13 Jun 2018 17:48

Tgt Ion: 64 Resp: 31193

Ion Ratio Lower Upper

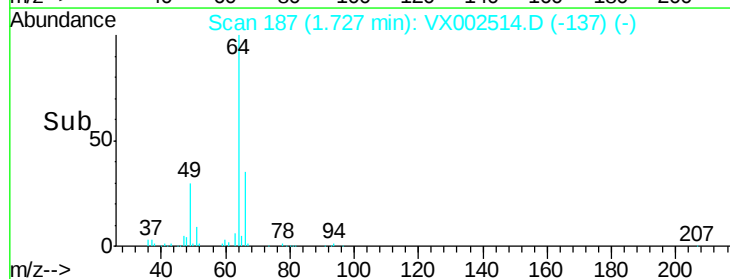
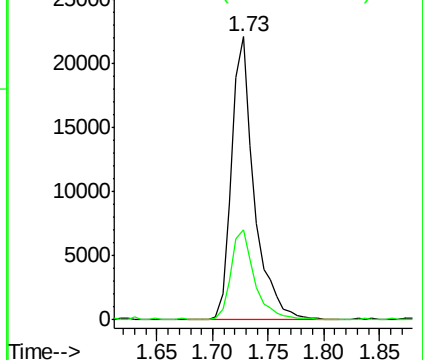
64 100

66 31.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



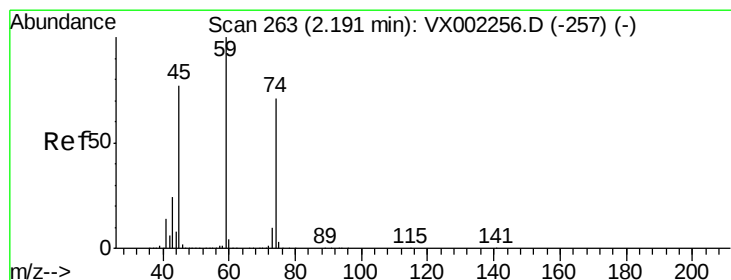
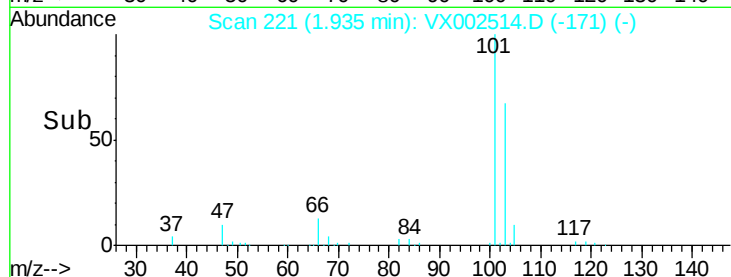
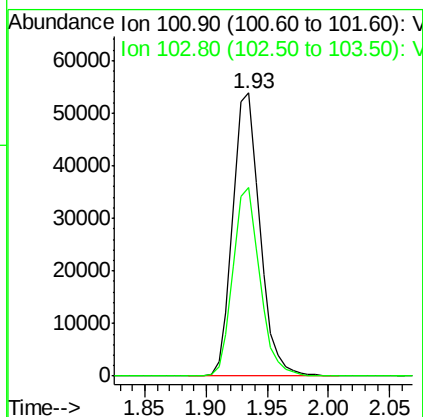
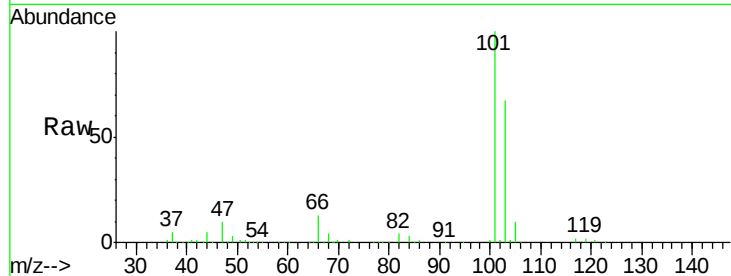


#7

Trichlorofluoromethane
Concen: 20.44 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

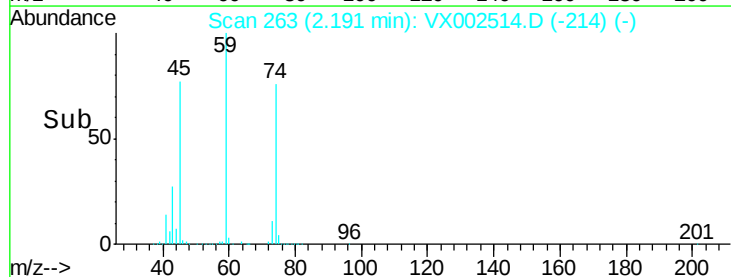
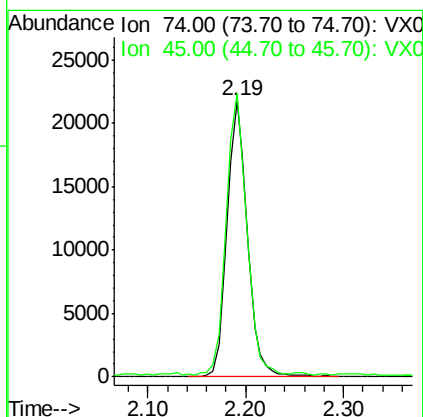
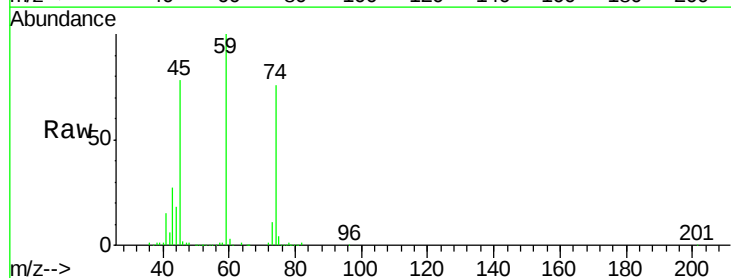
Tot Ion:101 Resp: 82531
Ion Ratio Lower Upper
101 100
103 66.7 52.8 79.2

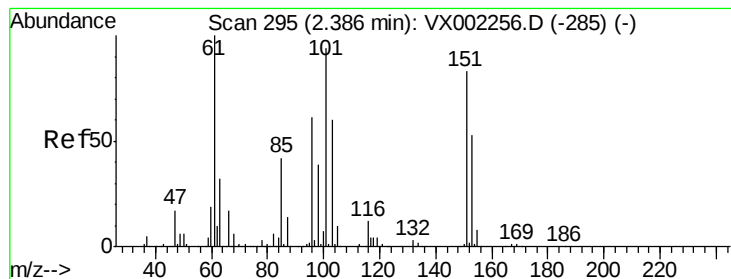


#8

Diethyl Ether
Concen: 20.53 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion: 74 Resp: 31485
Ion Ratio Lower Upper
74 100
45 101.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.83 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

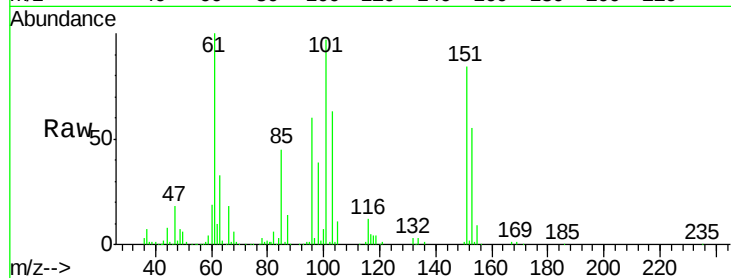
Tot Ion:101 Resp: 49742

Ion Ratio Lower Upper

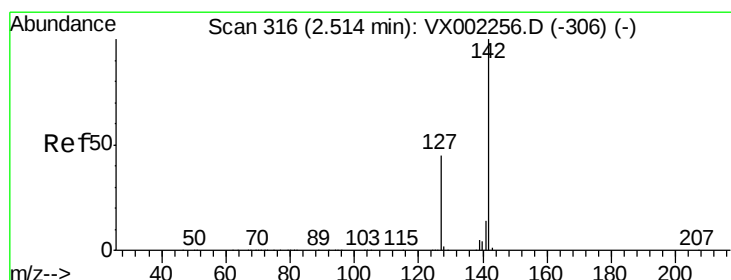
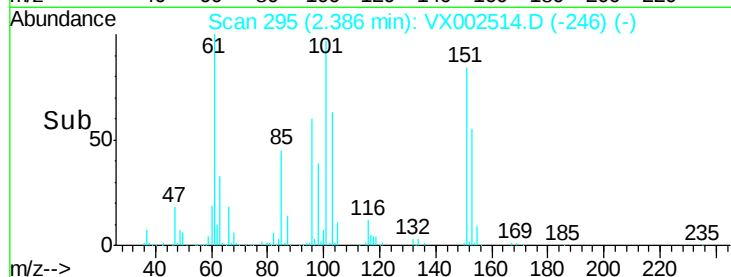
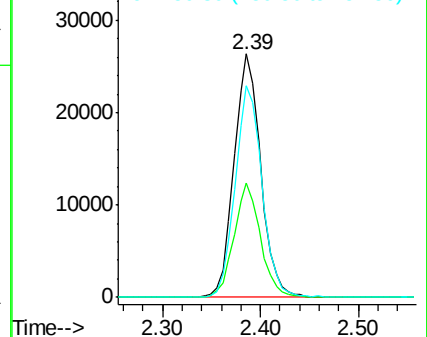
101 100

85 46.6 36.0 54.0

151 87.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.02 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

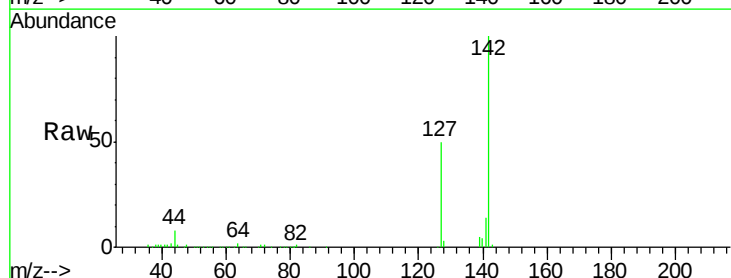
Tgt Ion:142 Resp: 49098

Ion Ratio Lower Upper

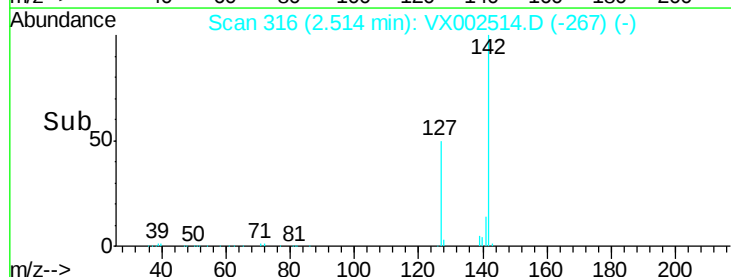
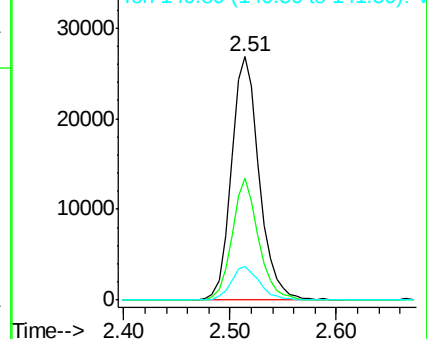
142 100

127 47.6 36.6 55.0

141 14.2 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



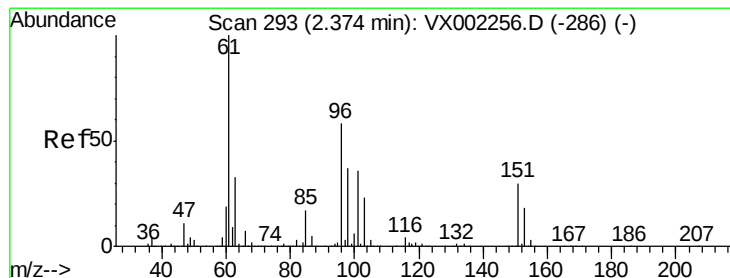
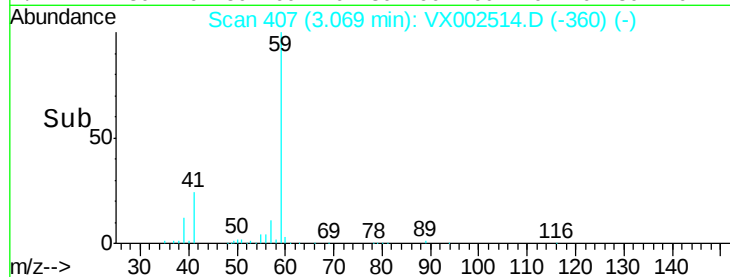
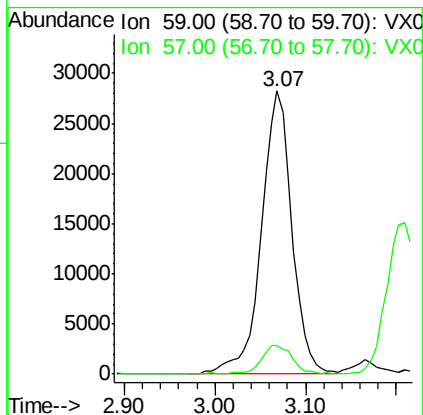
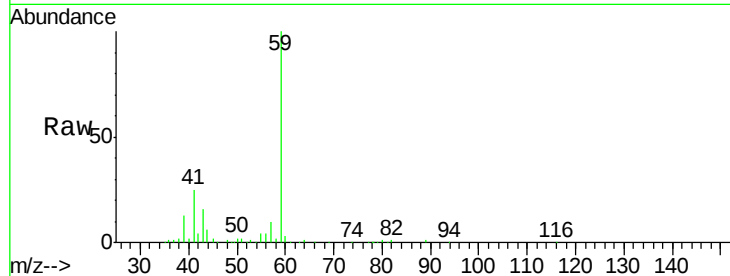


#11

Tert butyl alcohol
 Concen: 98.95 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

Instrument :
 MSVOA_X
 ClientSampled :

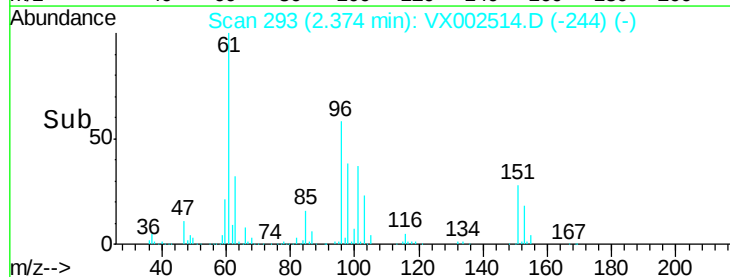
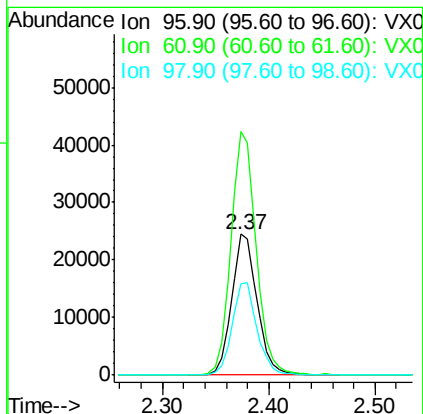
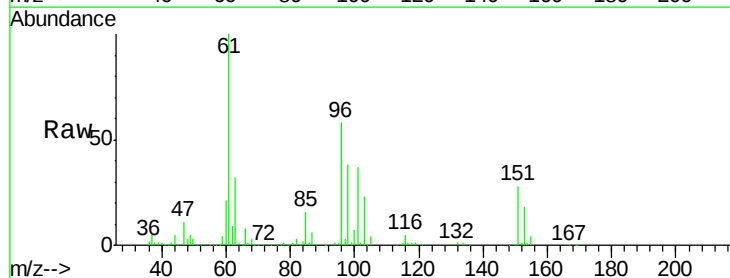
Tot Ion: 59 Resp: 65758
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

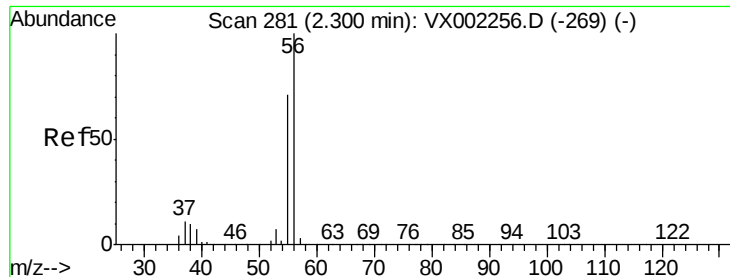


#12

1,1-Dichloroethene
 Concen: 18.99 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

Tgt Ion: 96 Resp: 40903
 Ion Ratio Lower Upper
 96 100
 61 173.0 137.9 206.9
 98 65.2 51.6 77.4





#13

Acrolein

Concen: 54.80 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

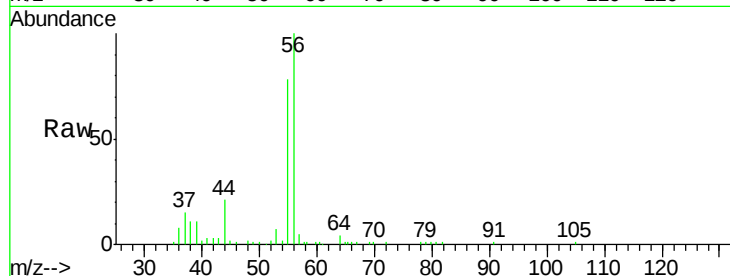
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 17929

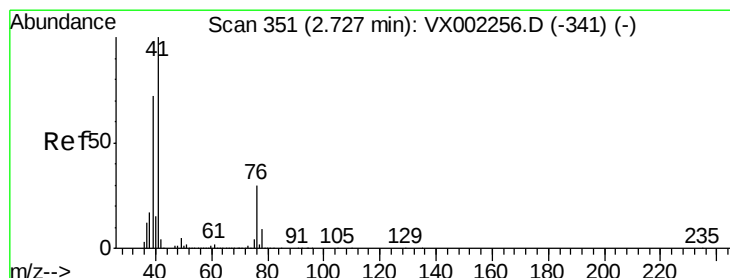
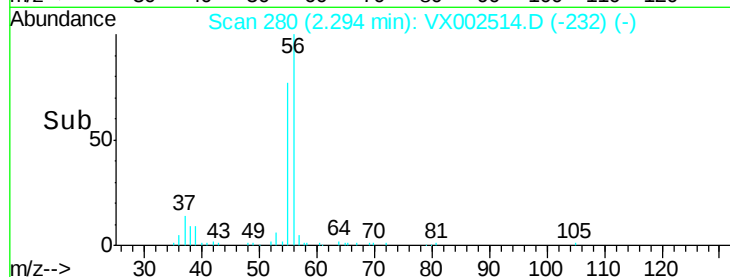
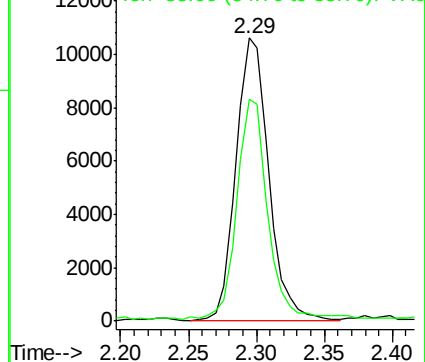
Ion Ratio Lower Upper

56 100

55 72.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.63 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

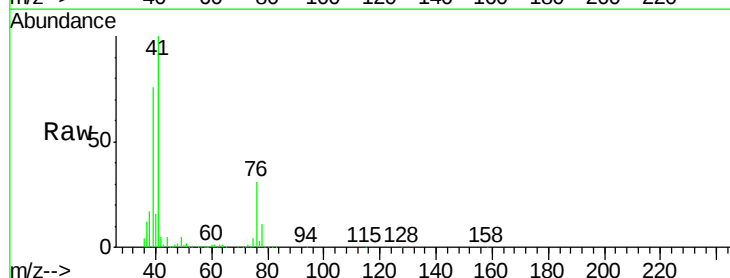
Tgt Ion: 41 Resp: 82413

Ion Ratio Lower Upper

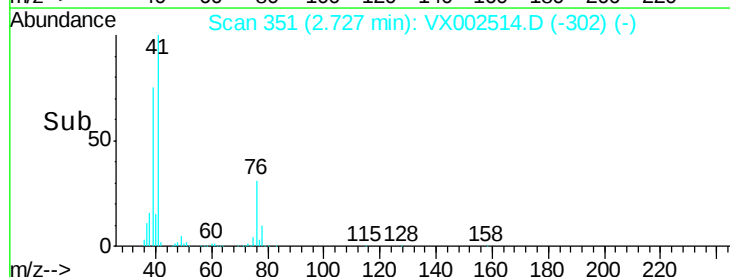
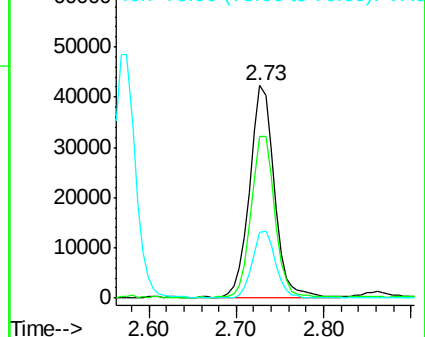
41 100

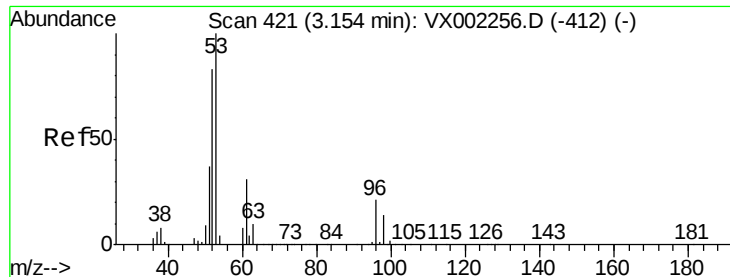
39 72.8 56.8 85.2

76 29.9 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 108.11 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

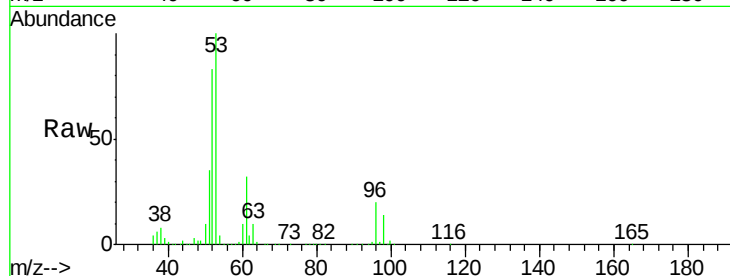
Tot Ion: 53 Resp: 139879

Ion Ratio Lower Upper

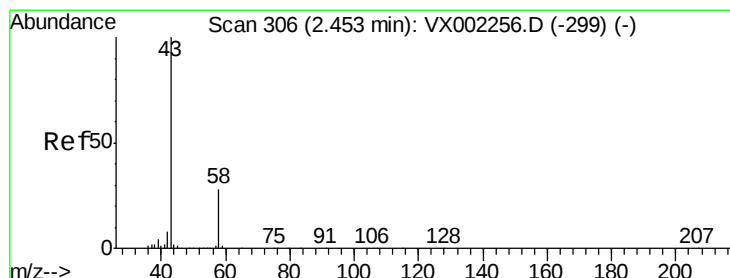
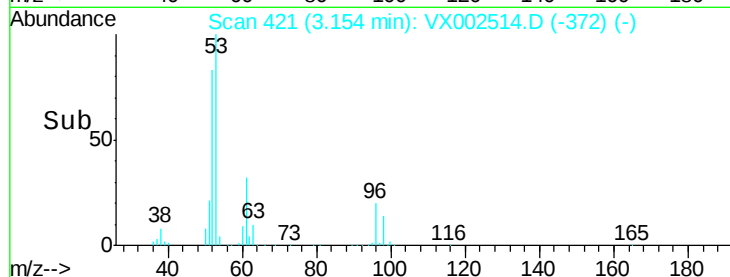
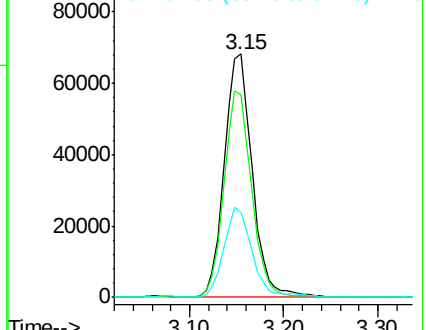
53 100

52 83.7 66.7 100.1

51 37.4 29.9 44.9



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



#16

Acetone

Concen: 101.41 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002514.D

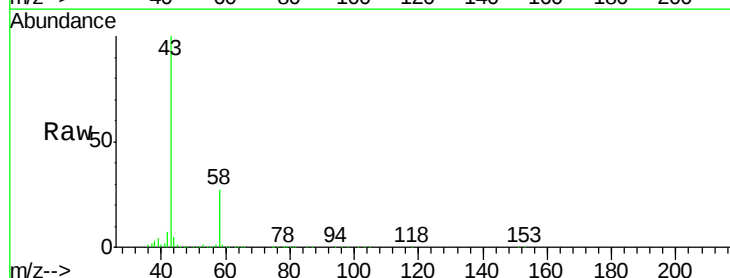
Acq: 13 Jun 2018 17:48

Tgt Ion: 43 Resp: 140349

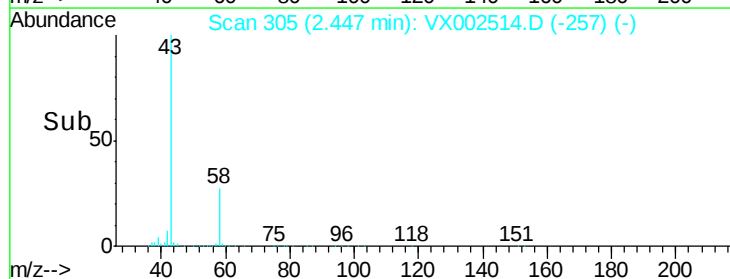
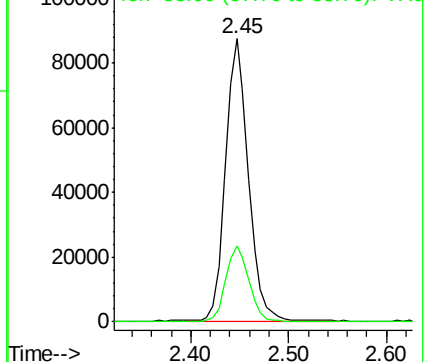
Ion Ratio Lower Upper

43 100

58 26.8 22.1 33.1



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

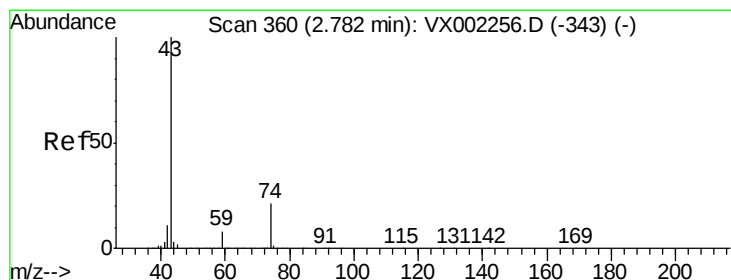
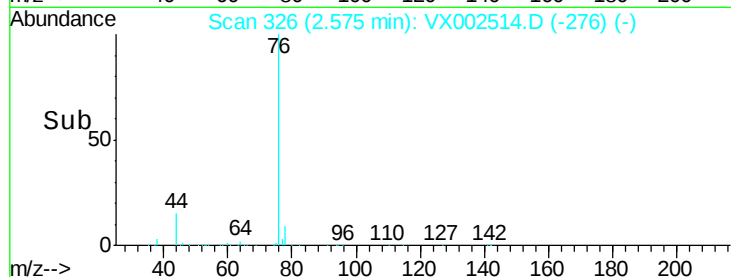
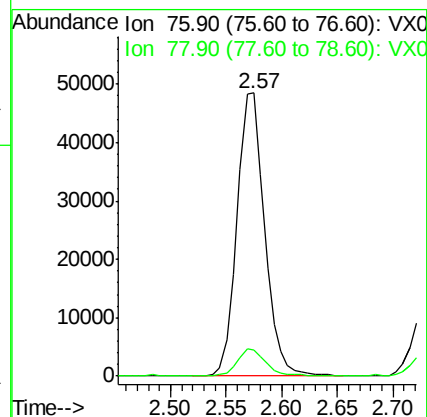
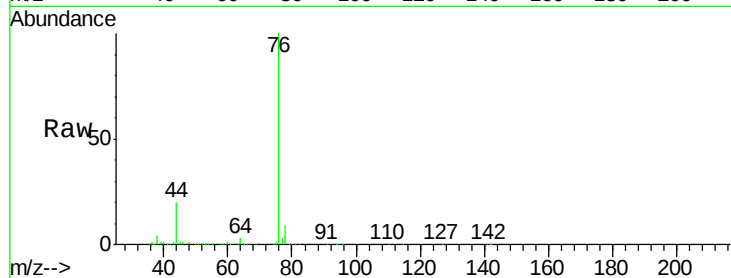




#17
Carbon Disulfide
Concen: 14.75 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

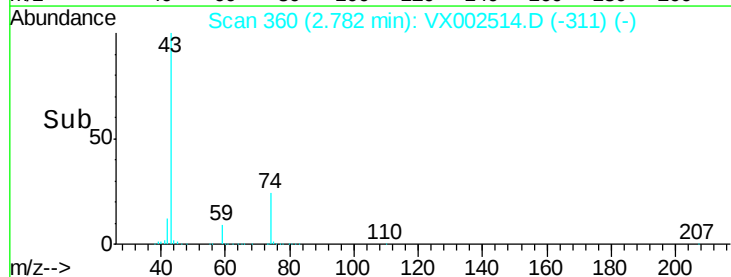
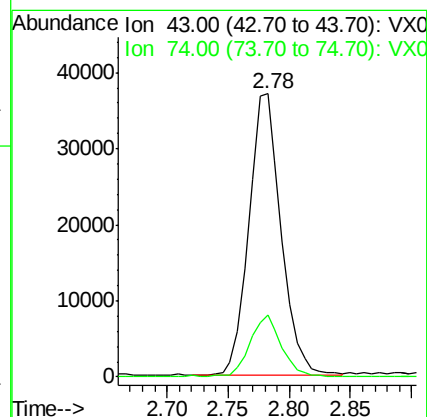
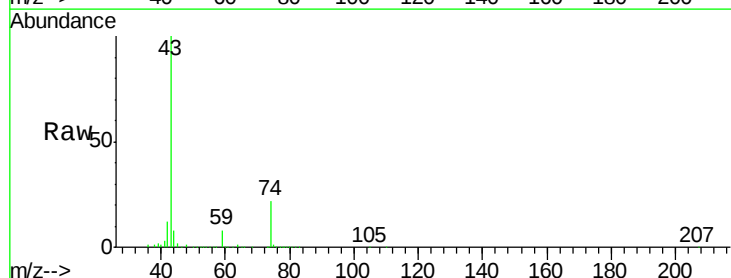
Instrument :
MSVOA_X
ClientSampled :

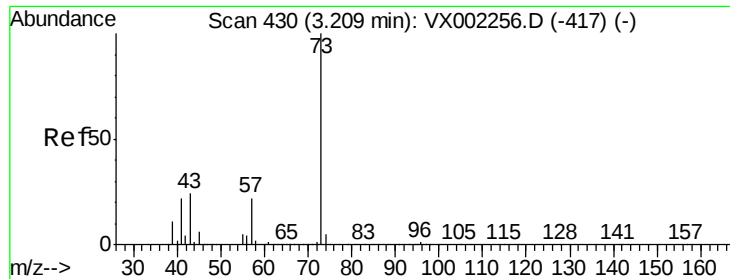
Tot Ion: 76 Resp: 83728
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 21.76 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion: 43 Resp: 67478
Ion Ratio Lower Upper
43 100
74 22.3 16.7 25.1

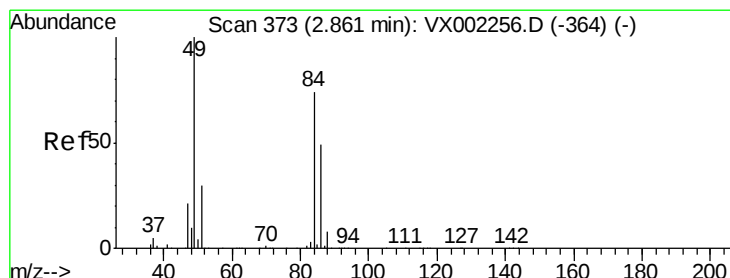
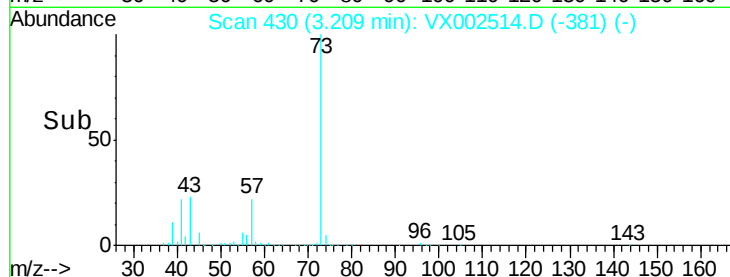
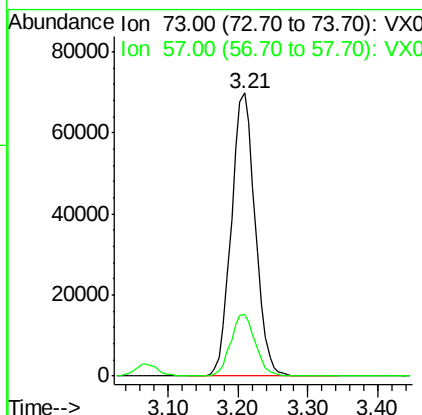
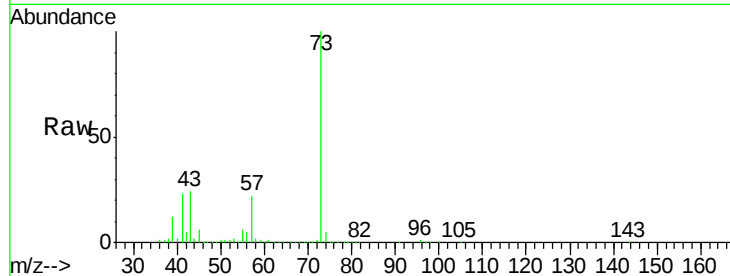




#19
Methvl tert-butvl Ether
Concen: 20.71 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

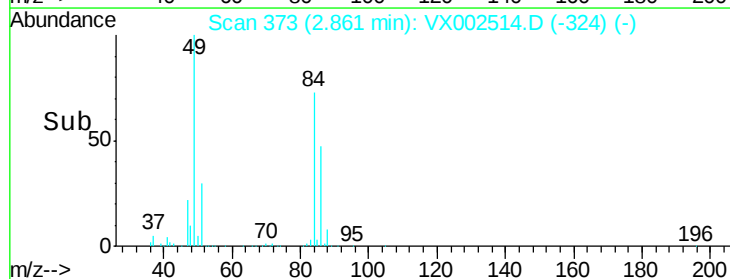
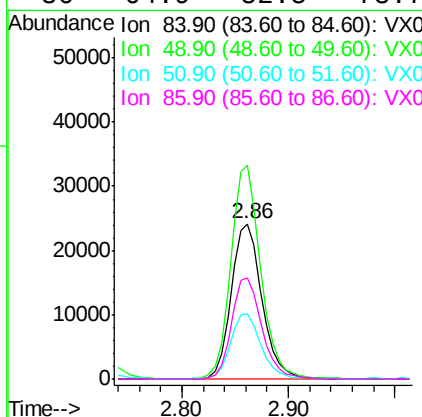
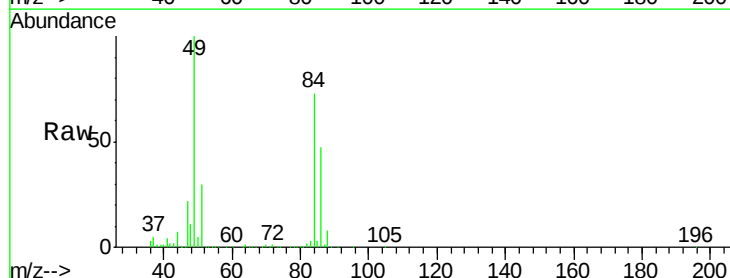
Instrument :
MSVOA_X
ClientSampleId :

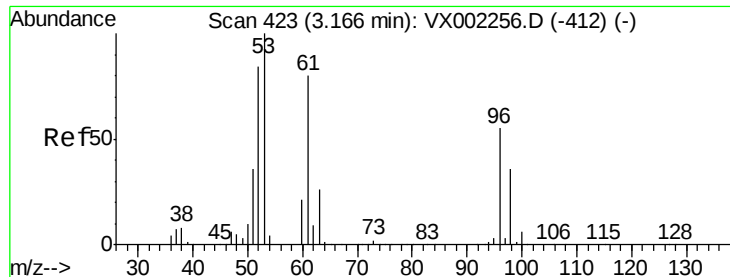
Tot Ion: 73 Resp: 165847
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 19.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion: 84 Resp: 48831
Ion Ratio Lower Upper
84 100
49 137.5 107.8 161.6
51 41.6 32.8 49.2
86 64.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.53 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

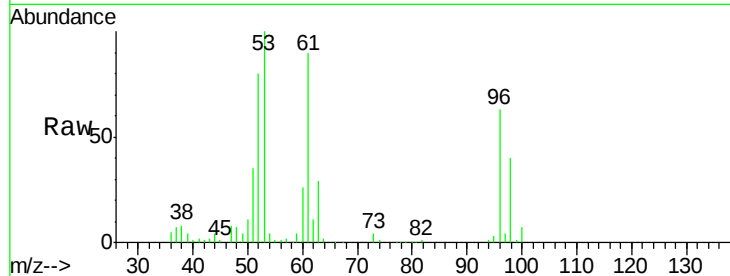
Tot Ion: 96 Resp: 44002

Ion Ratio Lower Upper

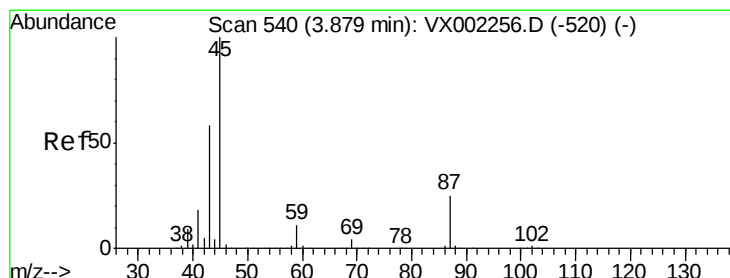
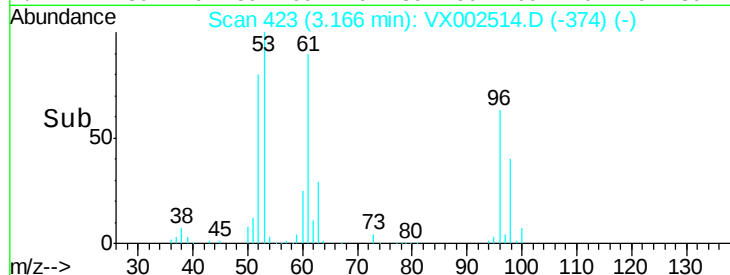
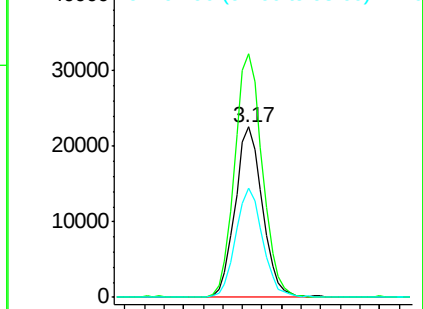
96 100

61 142.7 117.0 175.4

98 64.0 52.4 78.6



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



#22

Diisopropyl ether

Concen: 20.28 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Tgt Ion: 45 Resp: 165254

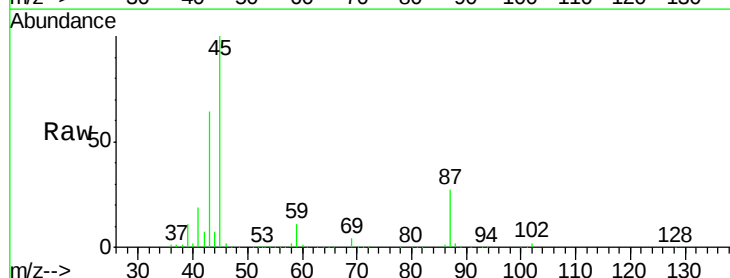
Ion Ratio Lower Upper

45 100

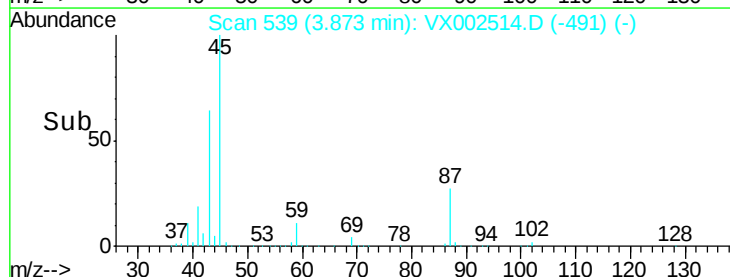
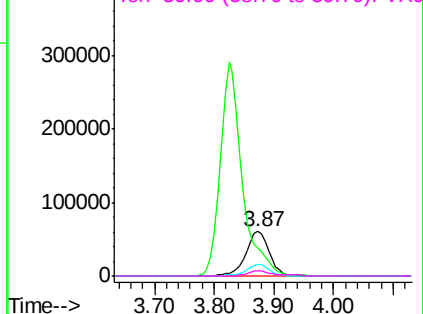
43 63.6 46.8 70.2

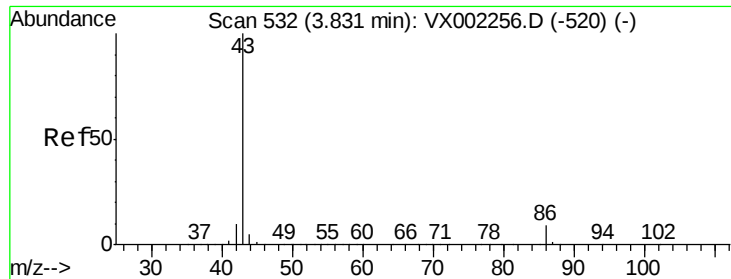
87 26.8 20.2 30.4

59 10.7 8.7 13.1



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





#23

Vinyl Acetate

Concen: 98.23 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

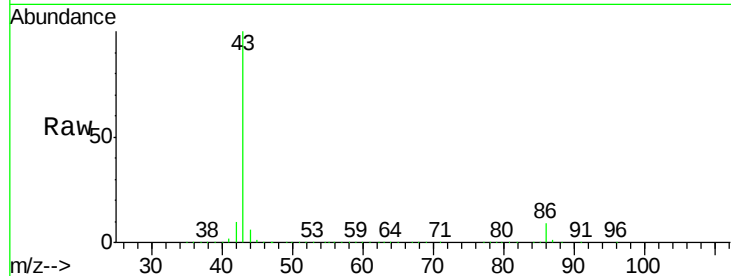
ClientSampleId :

Tot Ion: 43 Resp: 744293

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

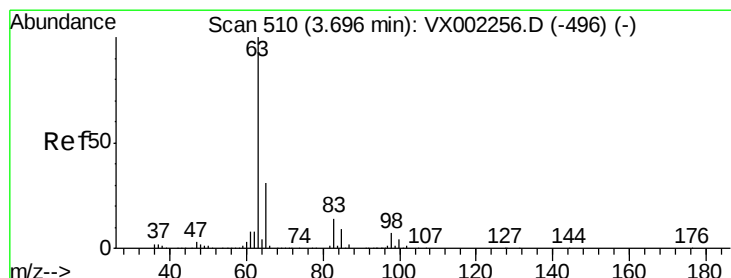
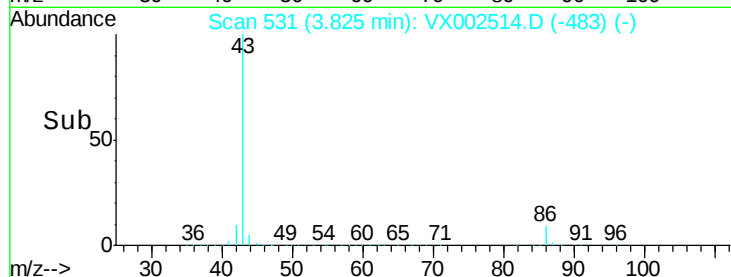
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.34 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

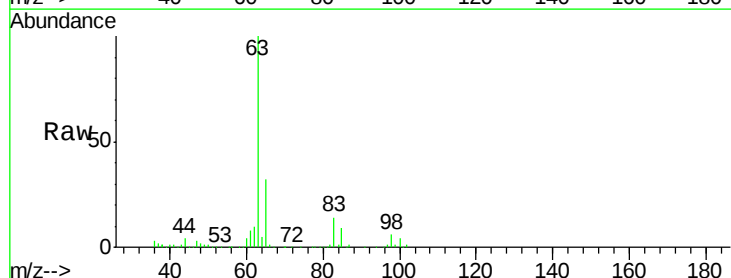
Tgt Ion: 63 Resp: 89347

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 3.8 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

50000

40000

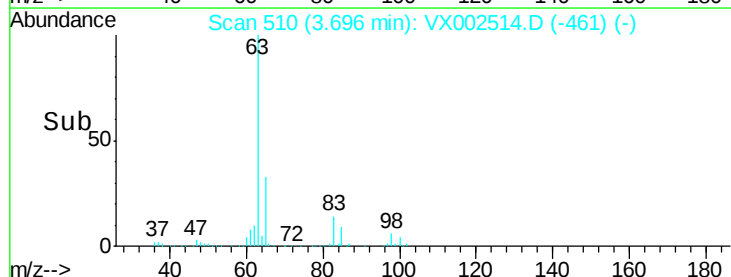
30000

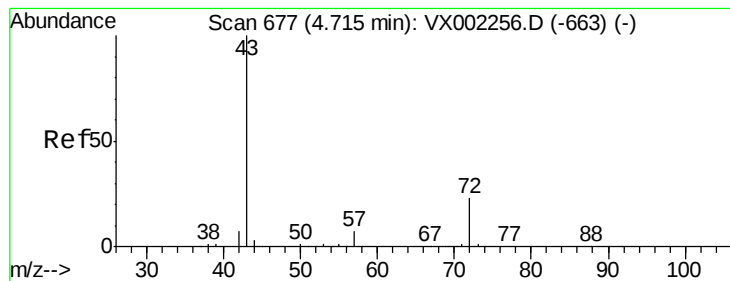
20000

10000

0

Time-->





#25

2-Butanone

Concen: 88.02 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

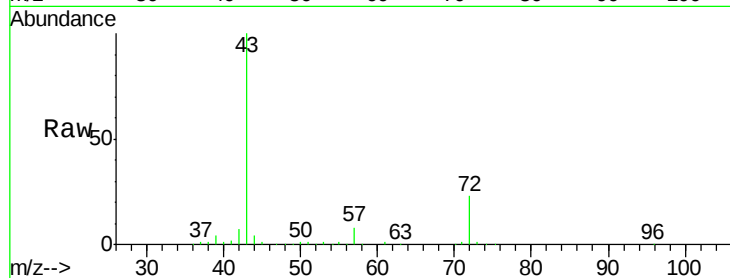
ClientSampled :

Tot Ion: 43 Resp: 174595

Ion Ratio Lower Upper

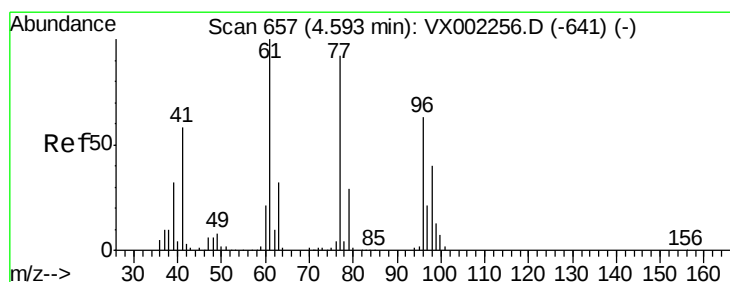
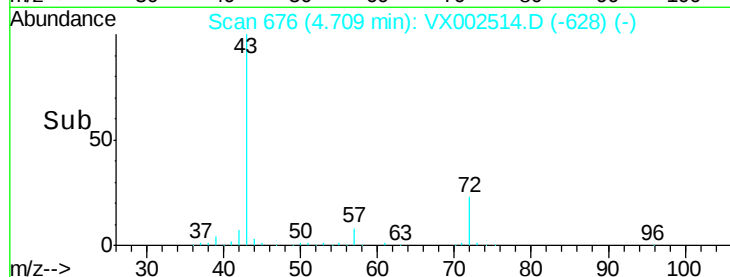
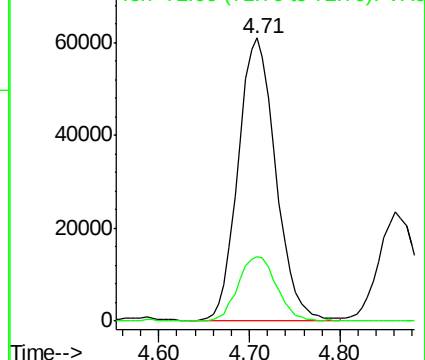
43 100

72 23.0 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: 16.02 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002514.D

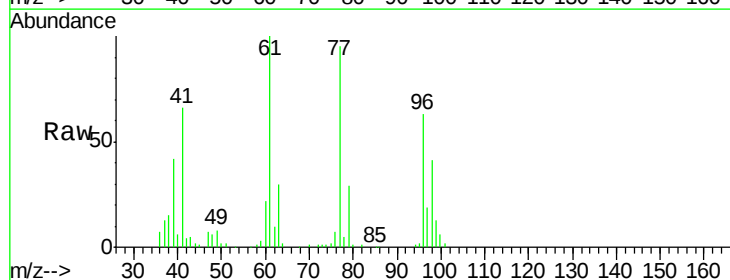
Acq: 13 Jun 2018 17:48

Tgt Ion: 77 Resp: 57862

Ion Ratio Lower Upper

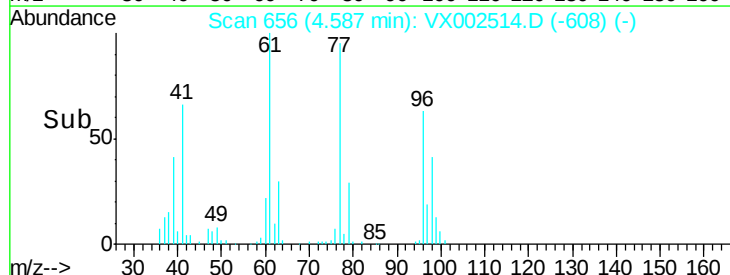
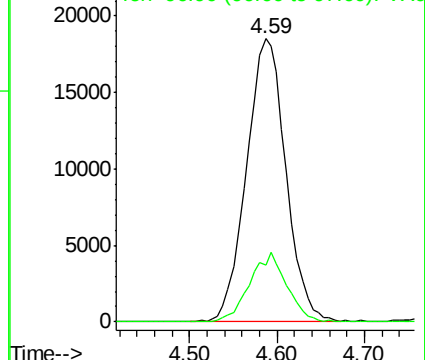
77 100

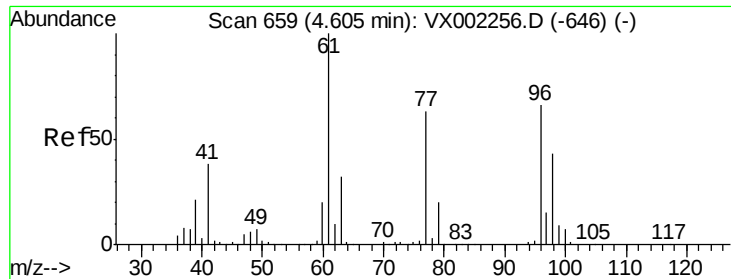
97 23.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



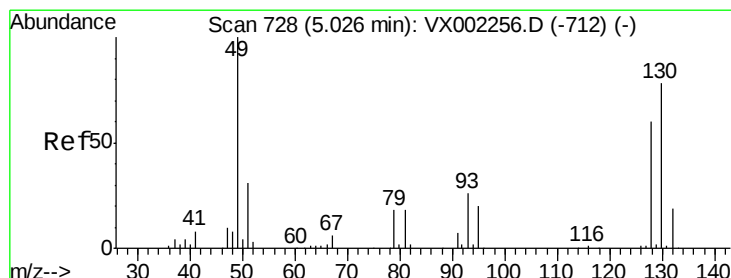
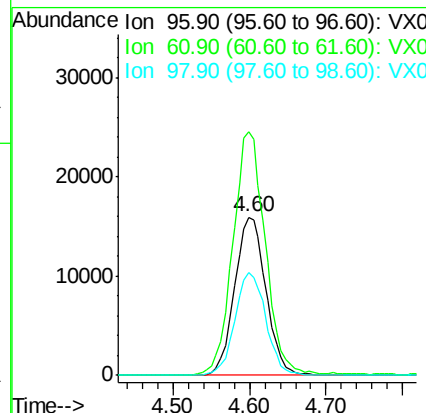
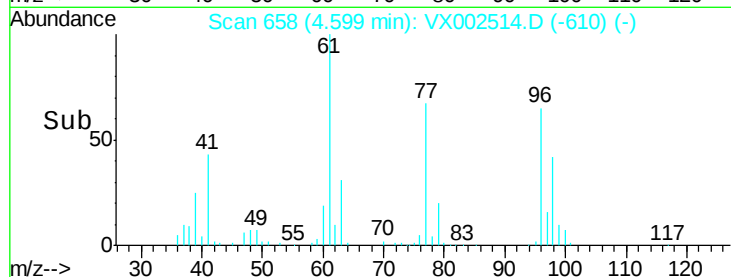
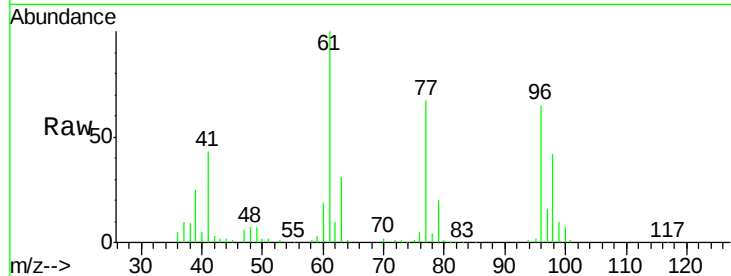


#27

cis-1,2-Dichloroethene
Concen: 17.37 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

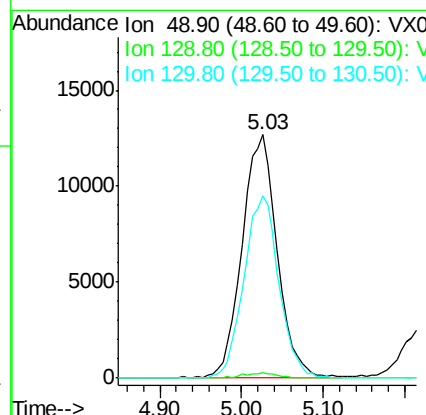
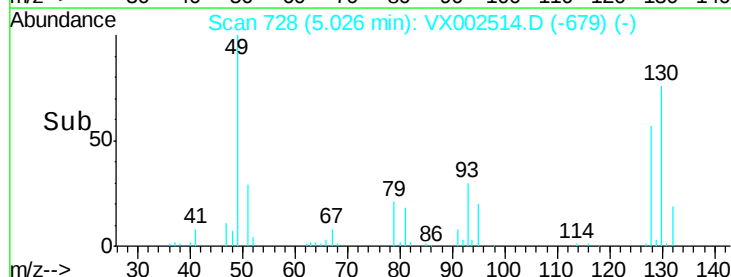
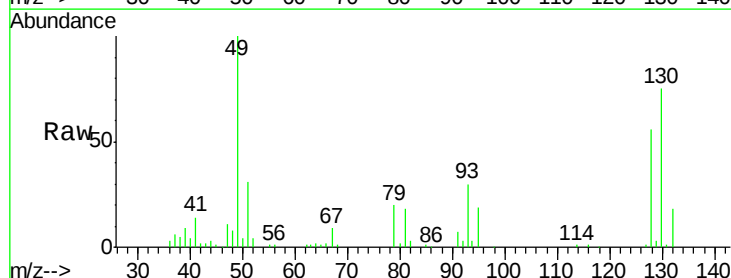
Tot Ion: 96 Resp: 44874
Ion Ratio Lower Upper
96 100
61 160.2 0.0 330.2
98 64.4 0.0 130.2

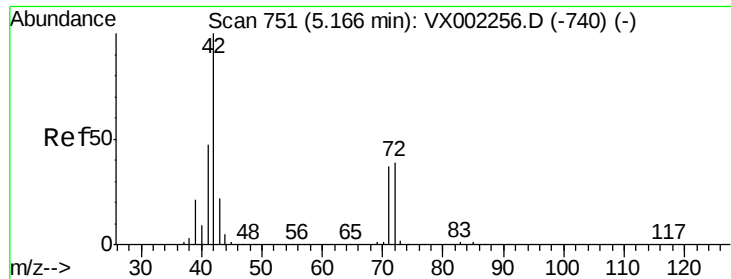


#28

Bromochloromethane
Concen: 16.95 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion: 49 Resp: 37922
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 74.5 61.2 91.8

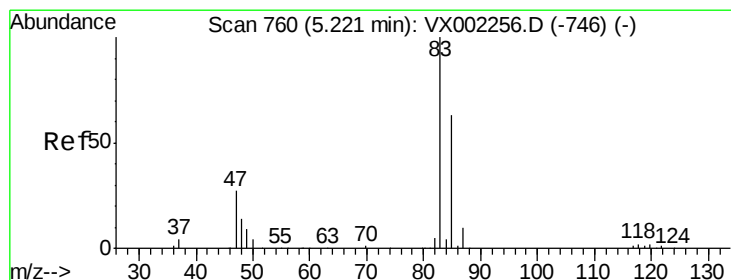
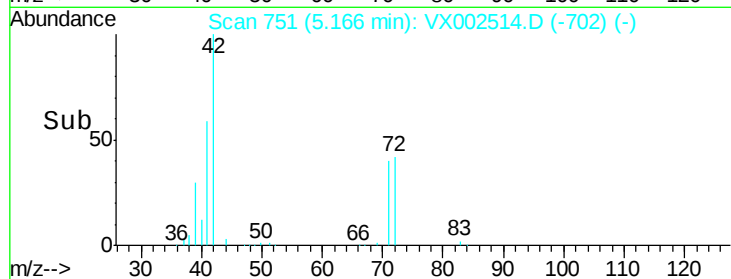
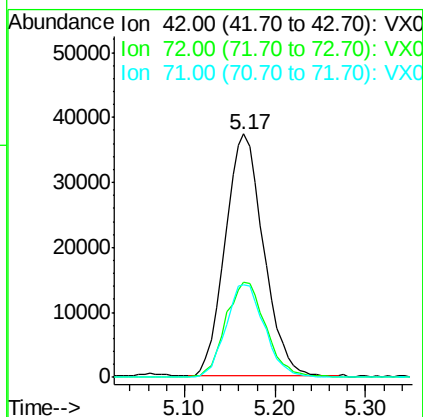
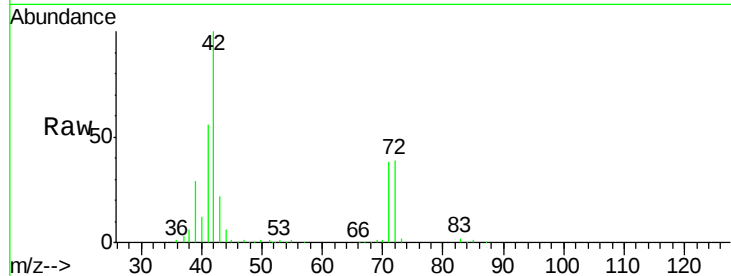




#29
Tetrahydrofuran
Concen: 85.61 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

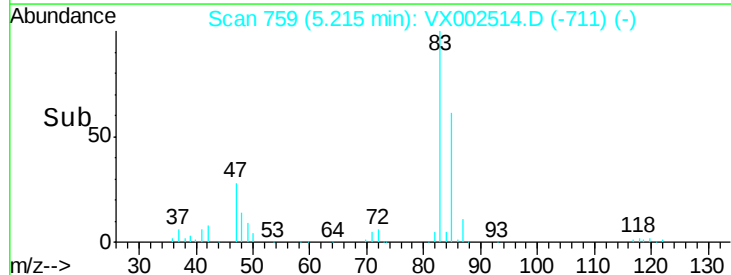
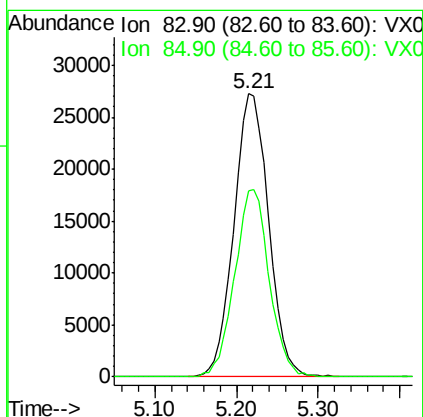
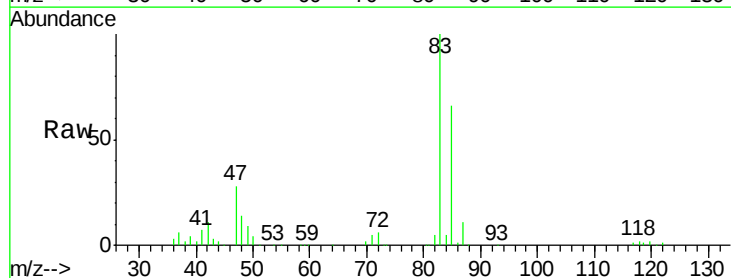
Instrument :
MSVOA_X
ClientSampleId :

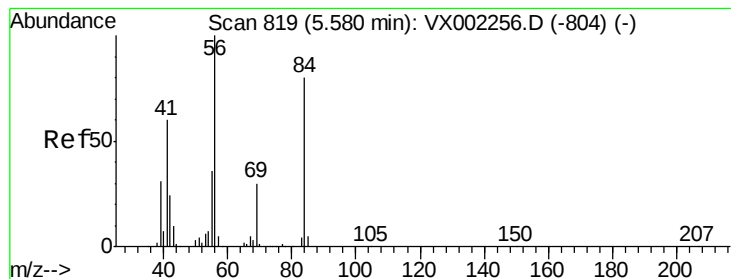
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.0	48.0
71	38.9	30.1	45.1



#30
Chloroform
Concen: 18.05 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.4	75.6





#31

Cyclohexane

Concen: 17.53 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

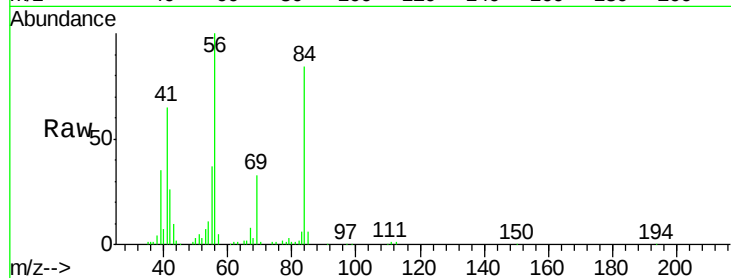
Tot Ion: 56 Resp: 64049

Ion Ratio Lower Upper

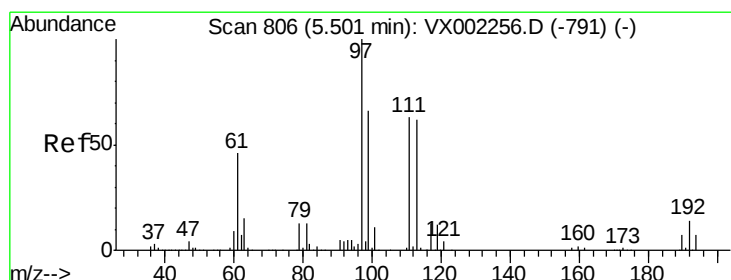
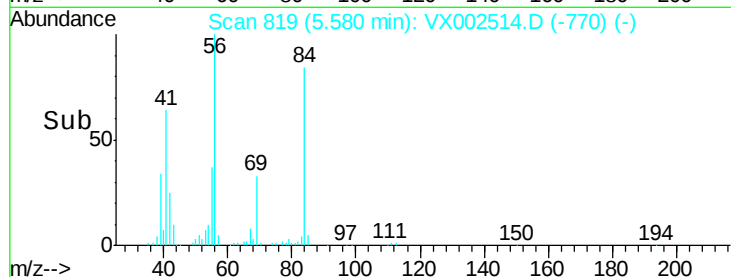
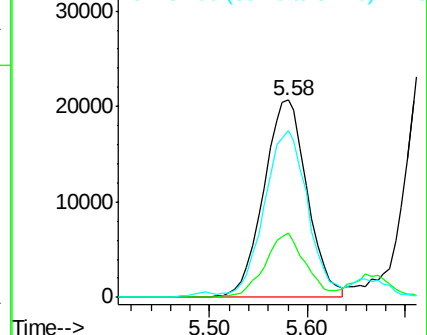
56 100

69 32.5 23.7 35.5

84 82.7 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 17.48 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

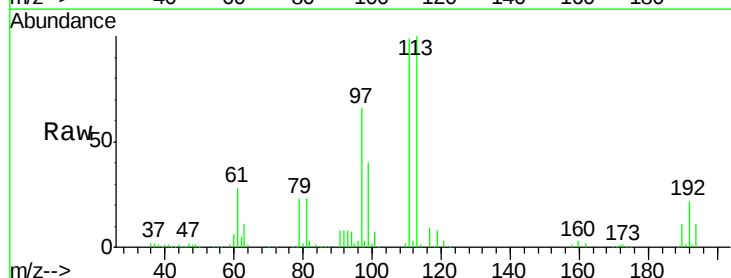
Tgt Ion: 97 Resp: 66070

Ion Ratio Lower Upper

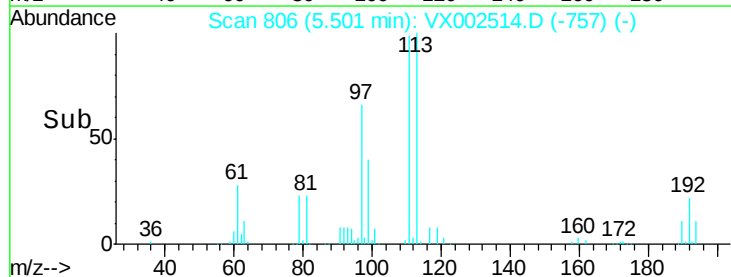
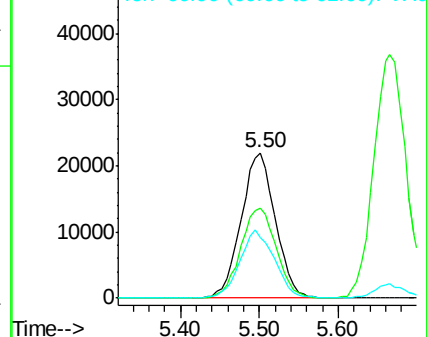
97 100

99 64.5 51.6 77.4

61 47.4 36.4 54.6



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

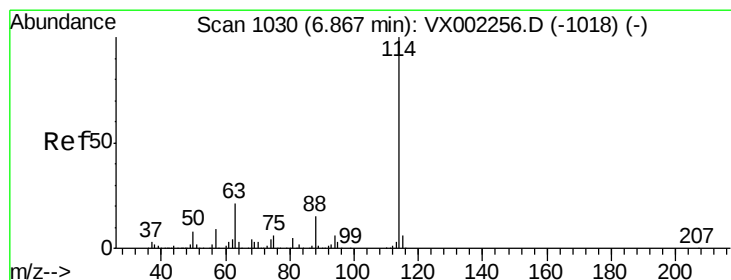
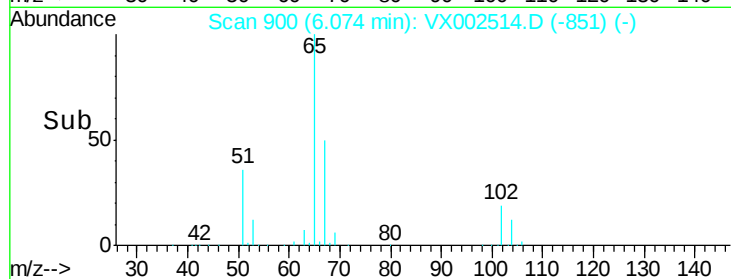
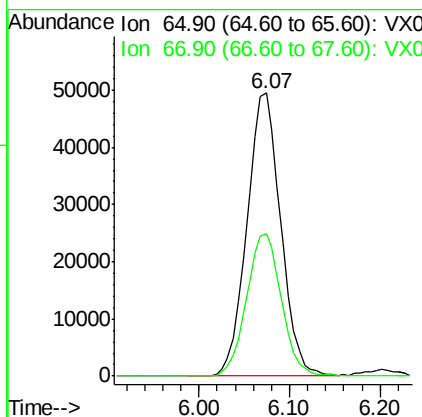
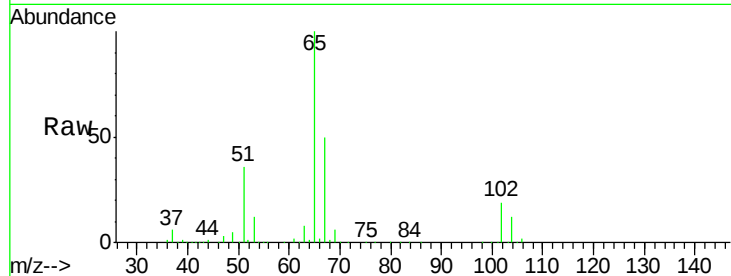




#33
 1,2-Dichloroethane-d4
 Concen: 43.60 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

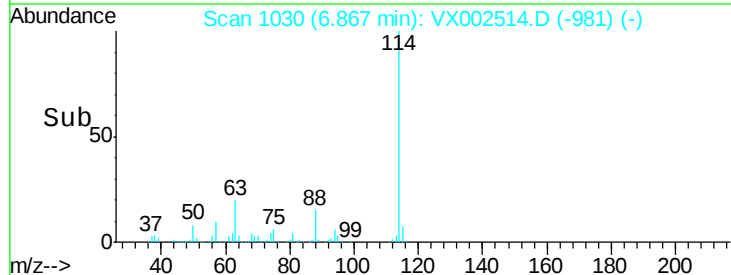
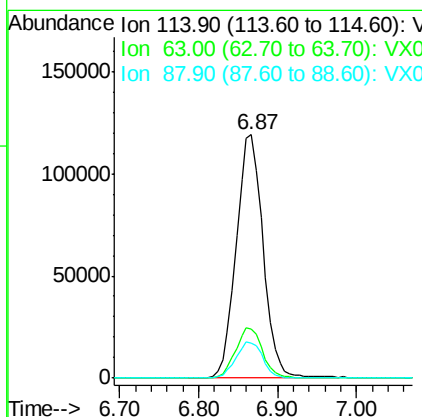
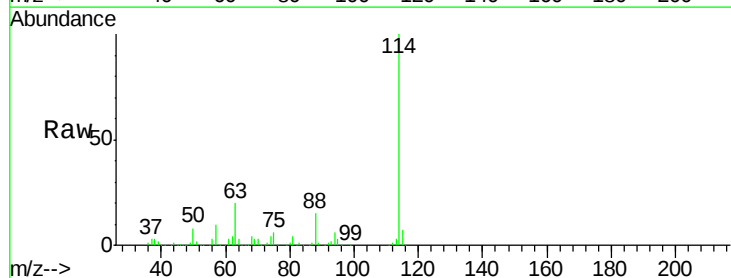
Instrument :
 MSVOA_X
 ClientSampled :

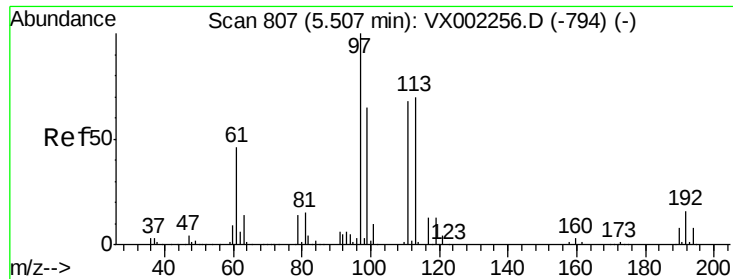
Tot Ion: 65 Resp: 127412
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

Tgt Ion: 114 Resp: 283737
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 14.5 0.0 30.0

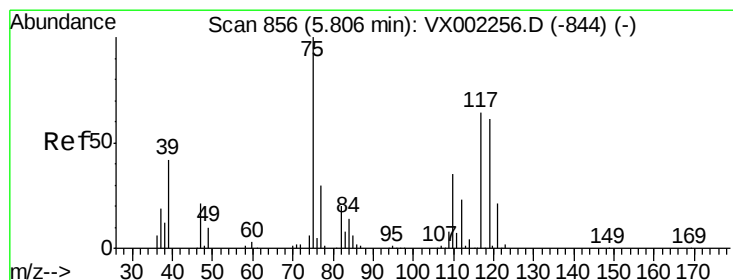
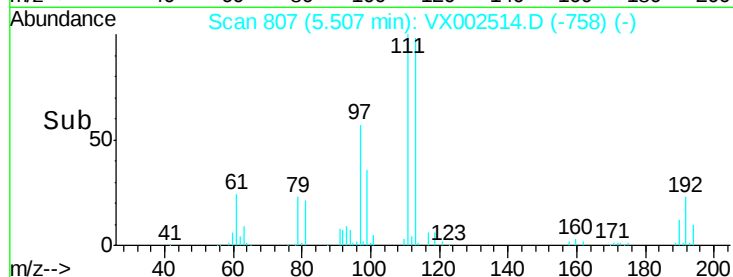
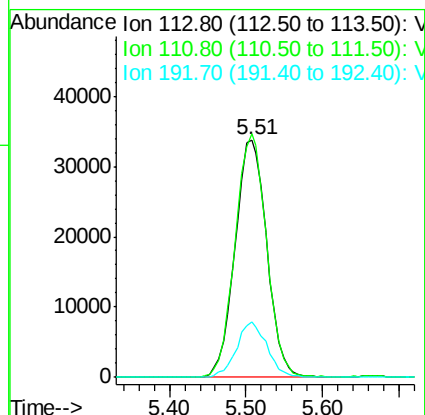
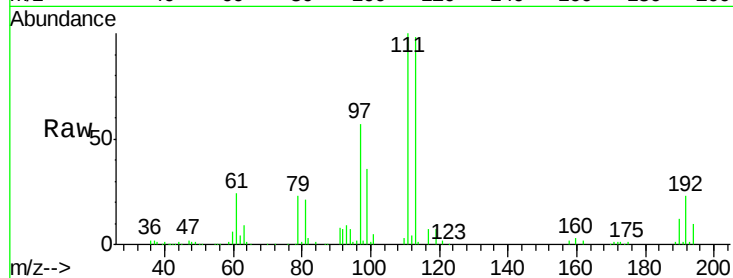




#35
 Dibromofluoromethane
 Concen: 43.56 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

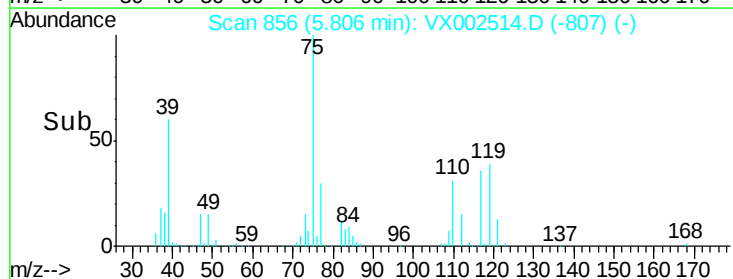
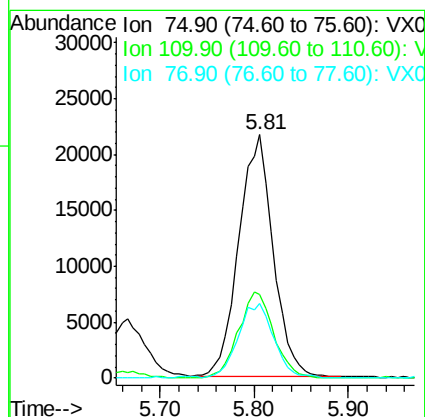
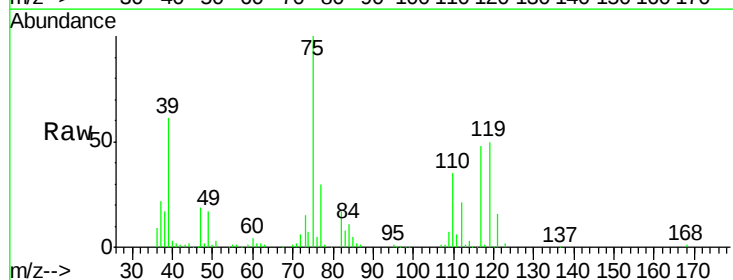
Instrument :
 MSVOA_X
 ClientSampleId :

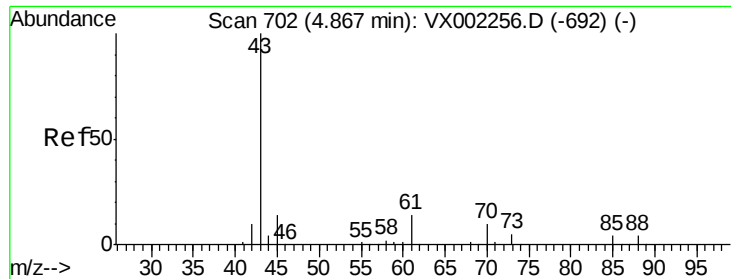
Tot Ion:113 Resp: 97195
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 22.3 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 18.43 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

Tgt Ion: 75 Resp: 54962
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.1 54.4
 77 32.4 24.3 36.5

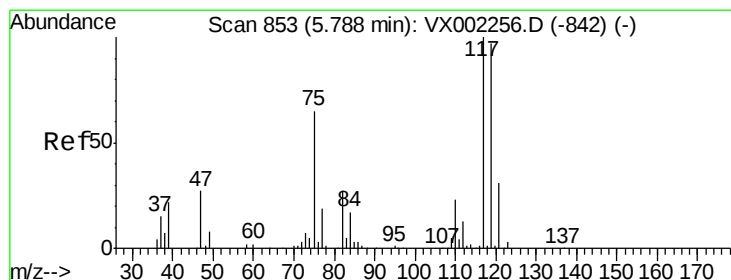
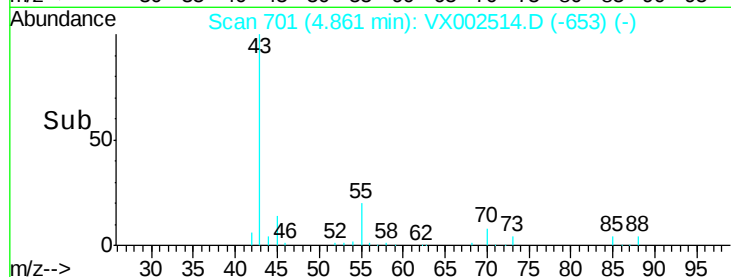
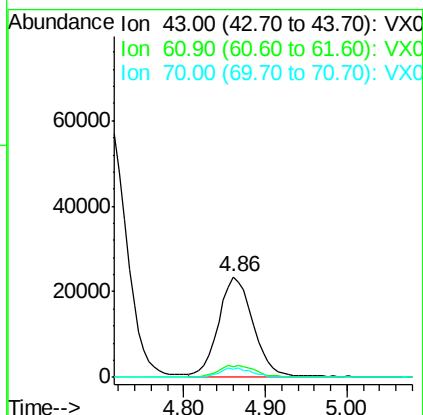
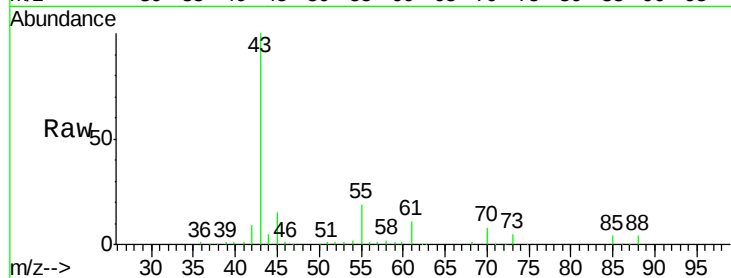




#37
Ethyl Acetate
Concen: 18.98 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

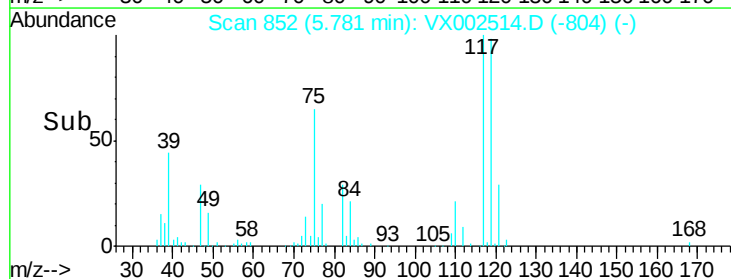
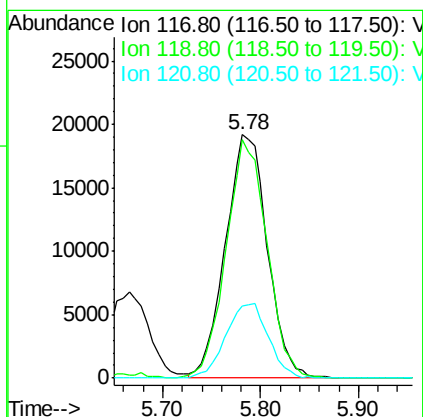
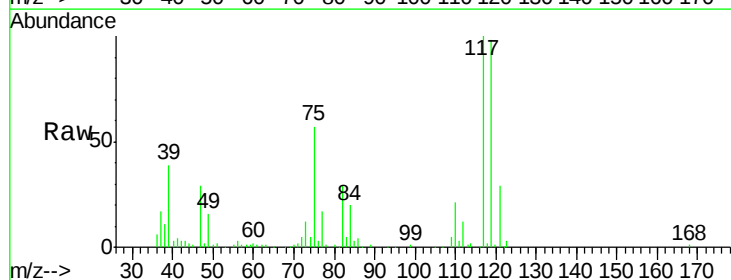
Instrument :
MSVOA_X
ClientSampleId :

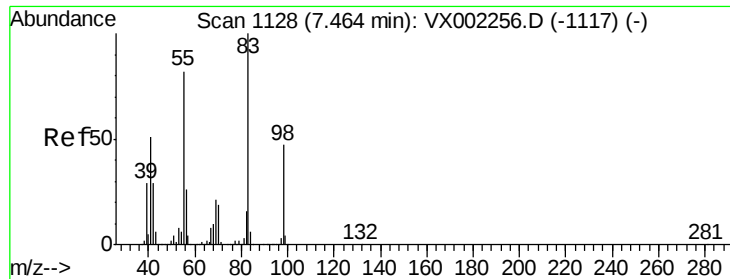
Tot Ion: 43 Resp: 68094
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 9.0 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.26 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion: 117 Resp: 56974
Ion Ratio Lower Upper
117 100
119 98.2 77.4 116.0
121 29.4 24.4 36.6

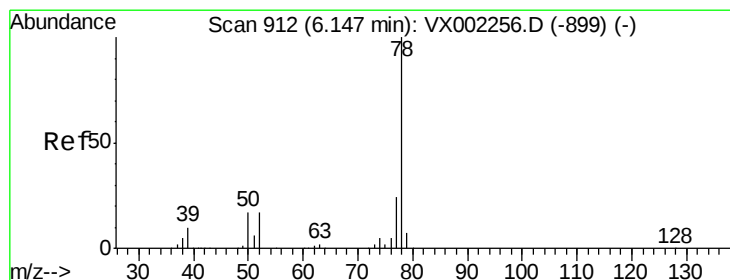
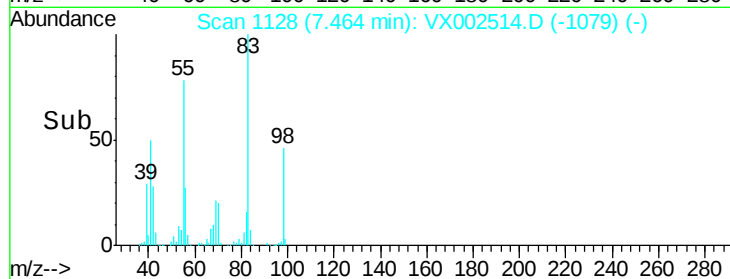
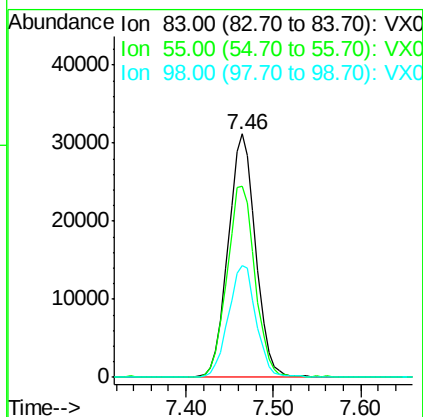
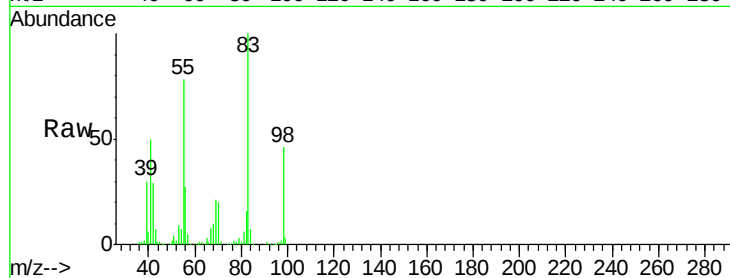




#39
Methvlcvclohexane
Concen: 18.60 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

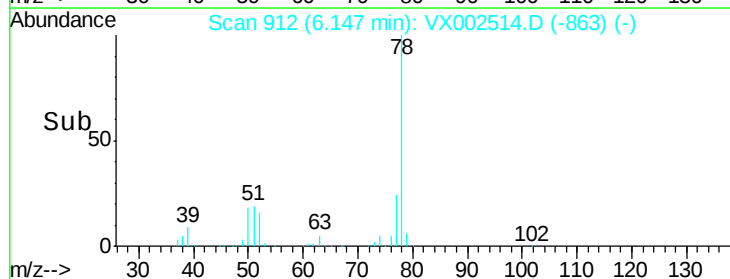
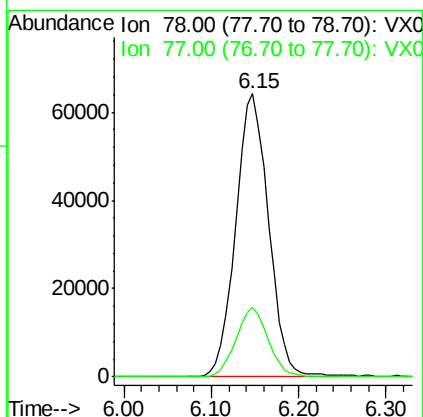
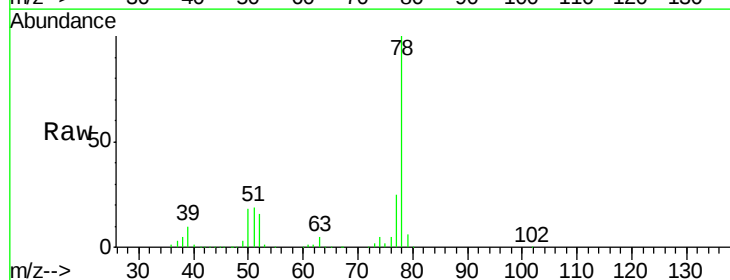
Instrument :
MSVOA_X
ClientSampleId :

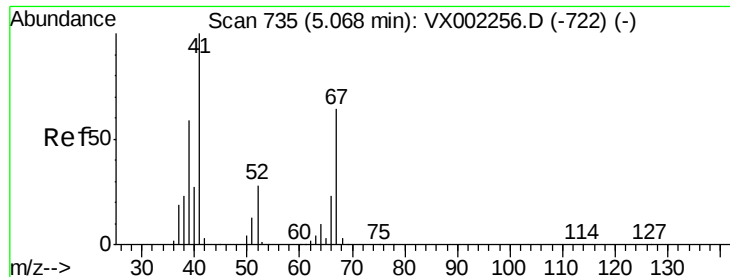
Tot Ion: 83 Resp: 67948
Ion Ratio Lower Upper
83 100
55 78.0 65.4 98.0
98 45.7 37.4 56.0



#40
Benzene
Concen: 18.32 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion: 78 Resp: 167547
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7

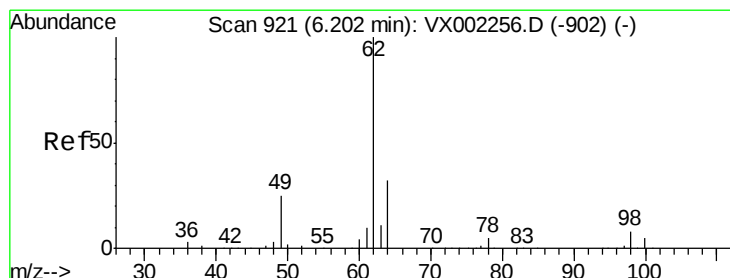
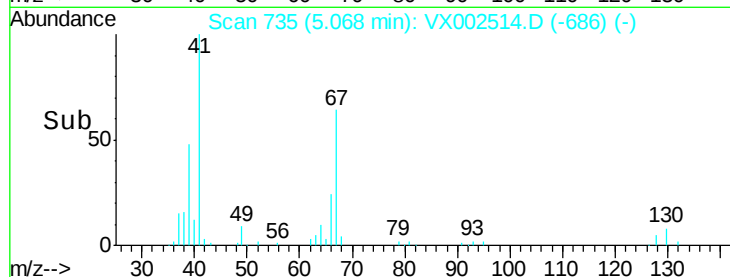
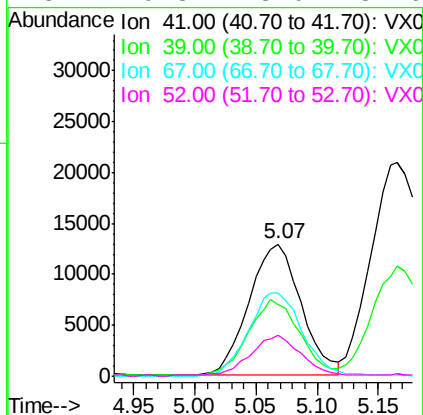
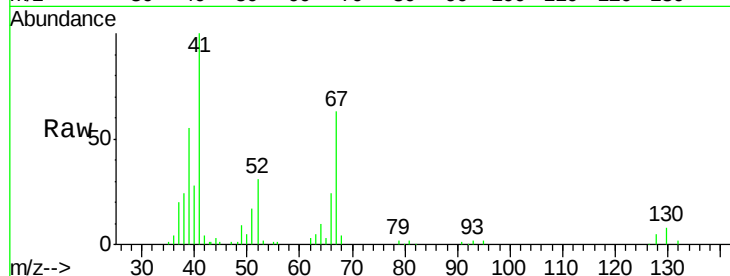




#41
Methacrylonitrile
Concen: 18.76 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

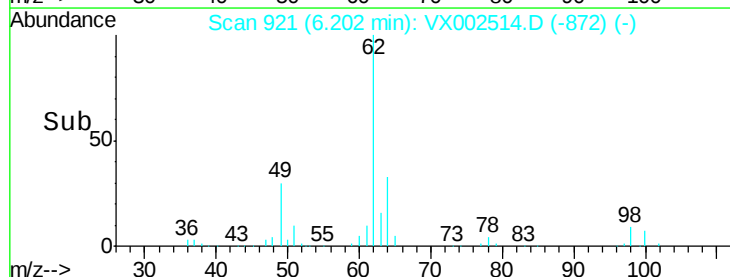
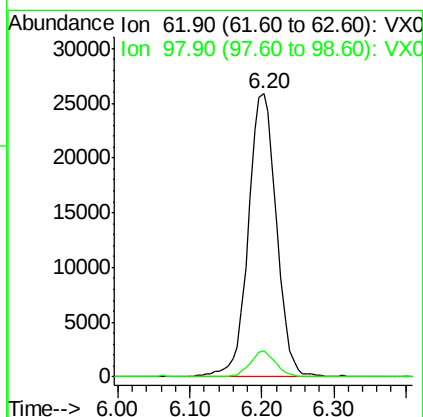
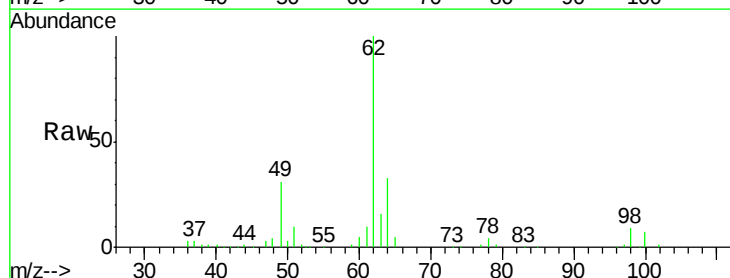
Instrument :
MSVOA_X
ClientSampleId :

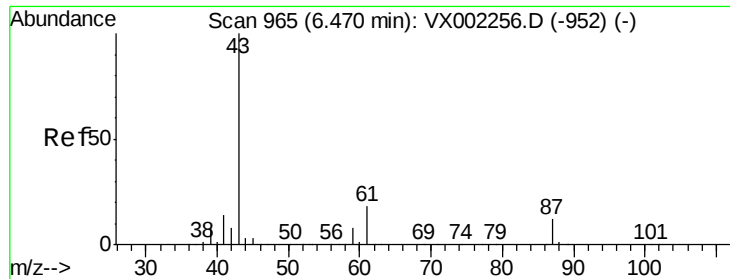
Tot Ion:	41	Resp:	38520
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.8	68.6
67	65.9	51.3	76.9
52	29.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.36 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion:	62	Resp:	70368
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.17 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

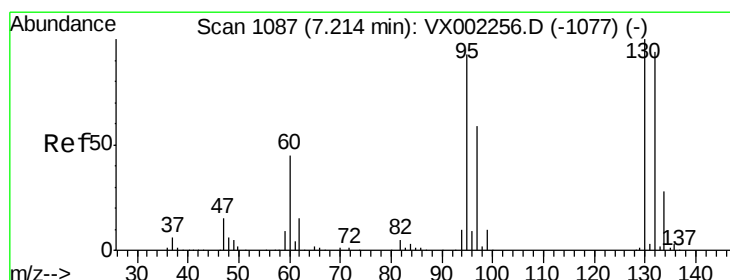
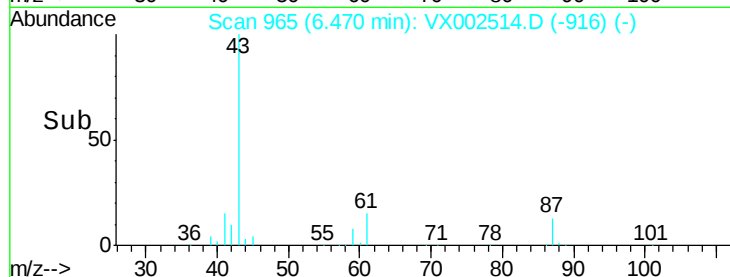
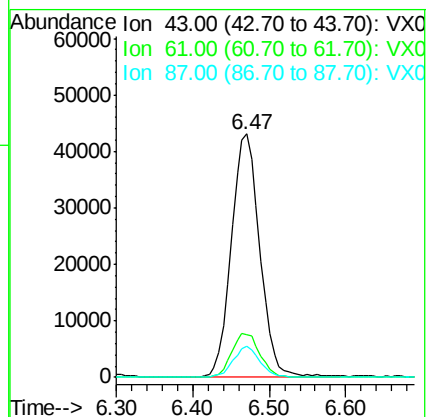
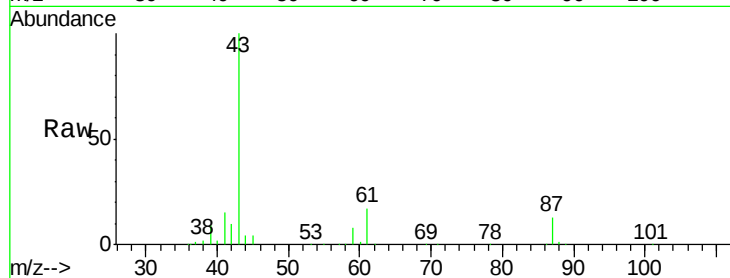
Tot Ion: 43 Resp: 110703

Ion Ratio Lower Upper

43 100

61 18.0 14.4 21.6

87 11.8 9.5 14.3



#44

Trichloroethene

Concen: 19.18 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002514.D

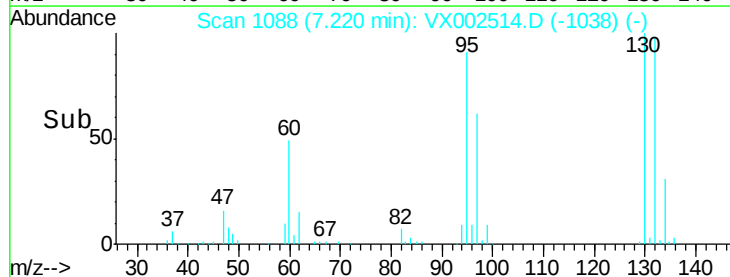
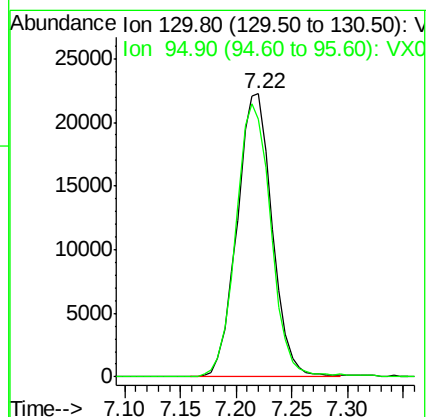
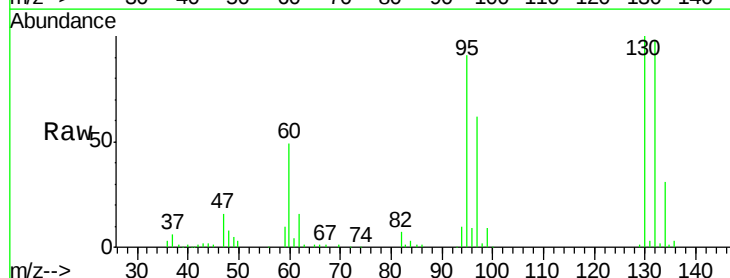
Acq: 13 Jun 2018 17:48

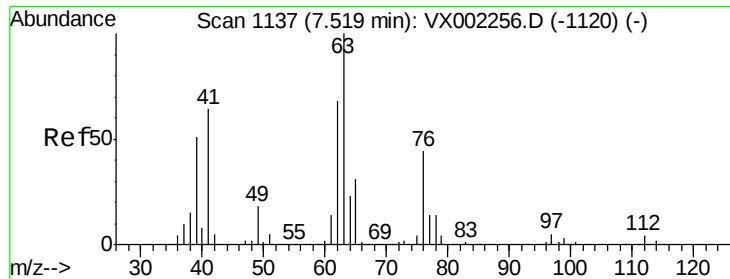
Tgt Ion:130 Resp: 48679

Ion Ratio Lower Upper

130 100

95 91.2 0.0 185.4

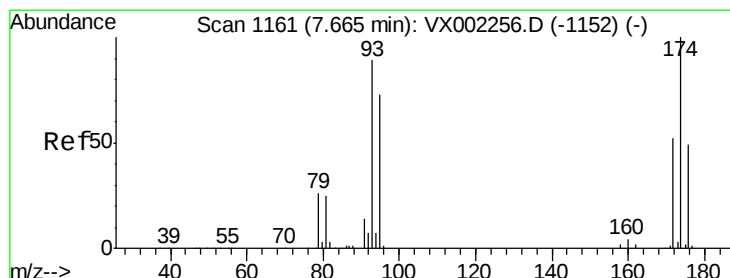
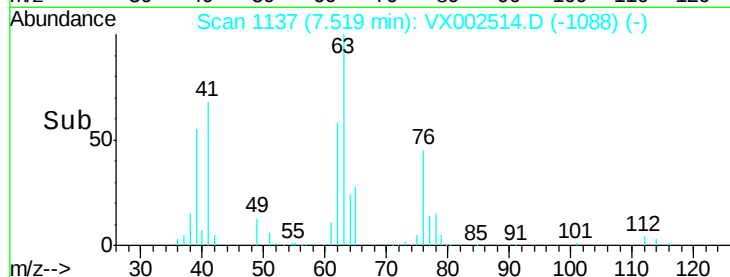
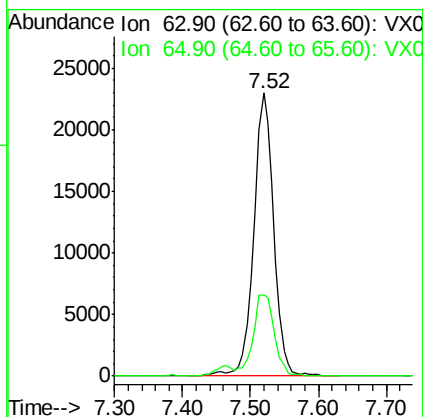
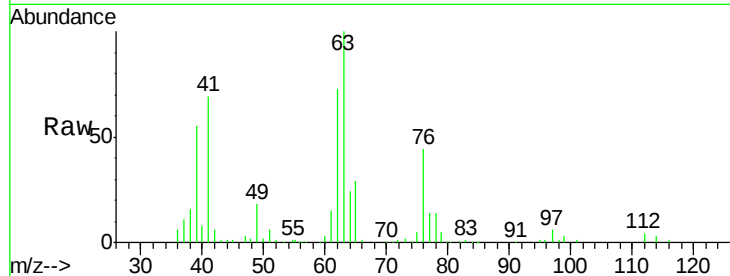




#45
 1,2-Dichloropropane
 Concen: 19.07 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

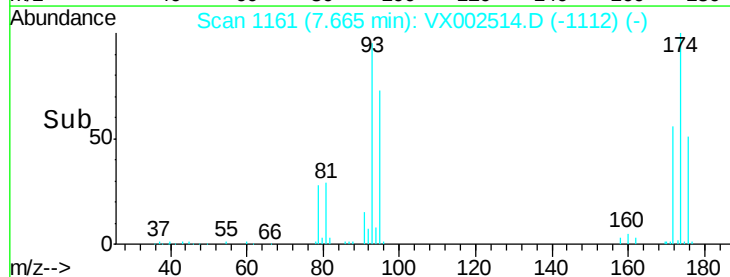
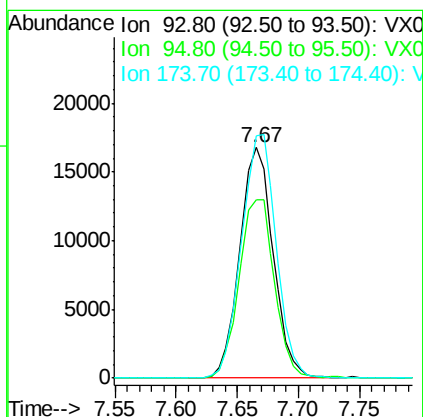
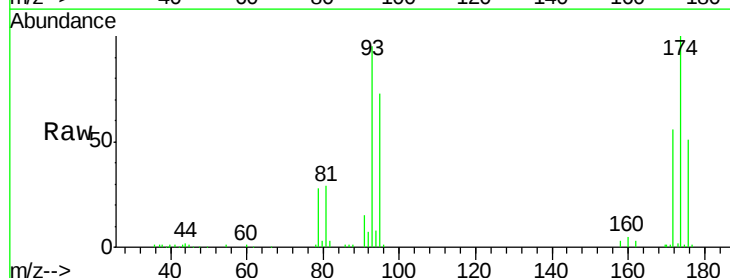
Instrument :
 MSVOA_X
 ClientSampled :

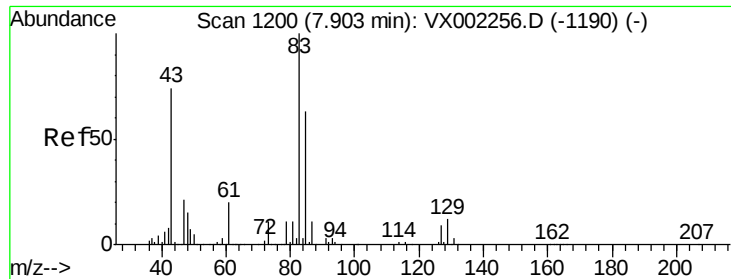
Tot Ion: 63 Resp: 47086
 Ion Ratio Lower Upper
 63 100
 65 28.7 24.7 37.1



#46
 Dibromomethane
 Concen: 19.11 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

Tgt Ion: 93 Resp: 31986
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.9 98.9
 174 109.7 92.4 138.6





#47

Bromodichloromethane

Concen: 18.13 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

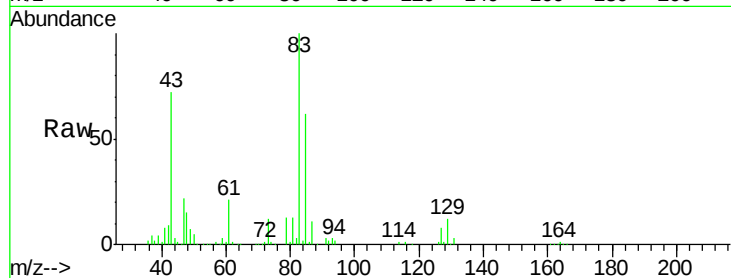
Tot Ion: 83 Resp: 54870

Ion Ratio Lower Upper

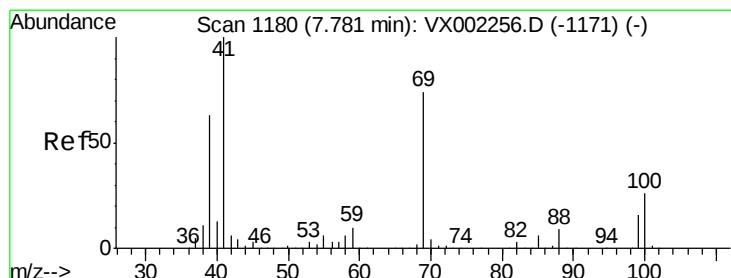
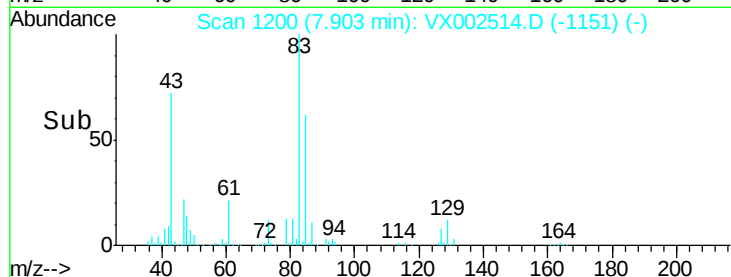
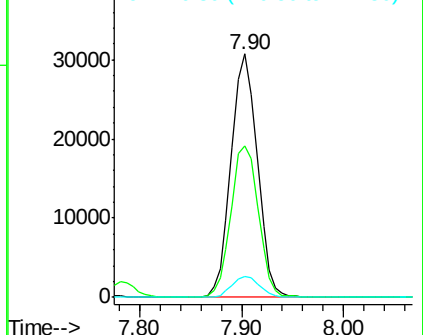
83 100

85 62.2 50.3 75.5

127 8.5 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: 18.60 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

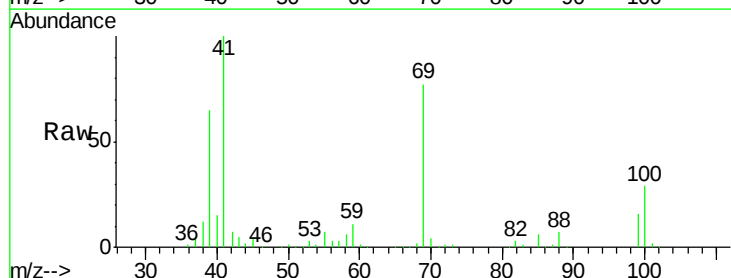
Tgt Ion: 41 Resp: 56940

Ion Ratio Lower Upper

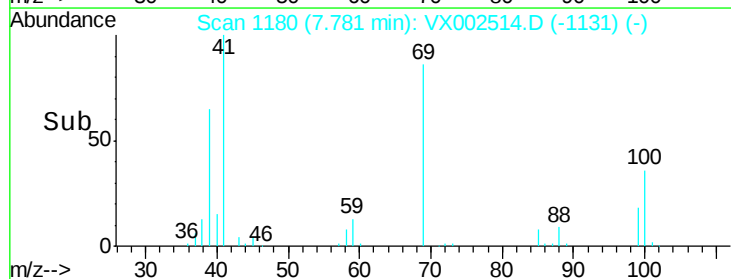
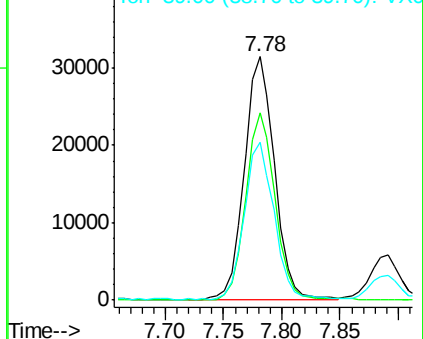
41 100

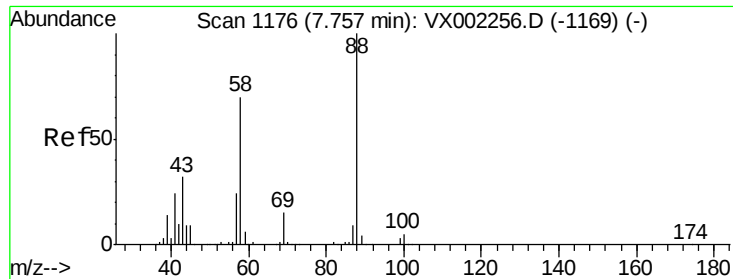
69 75.5 59.1 88.7

39 63.9 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

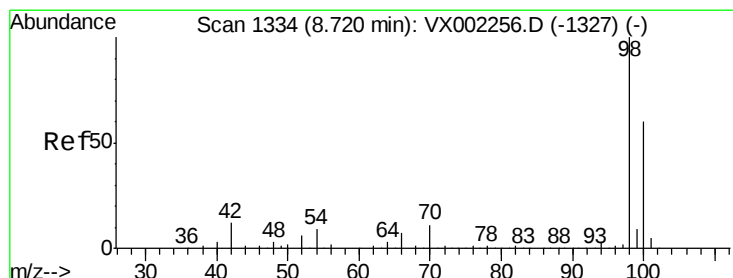
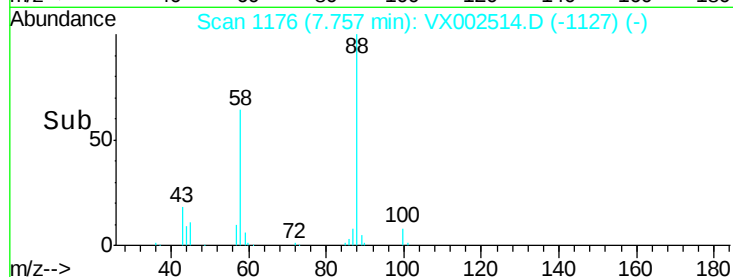
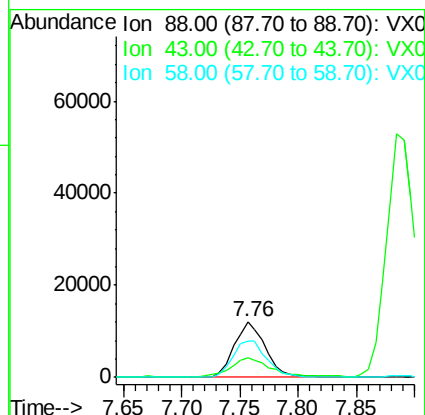
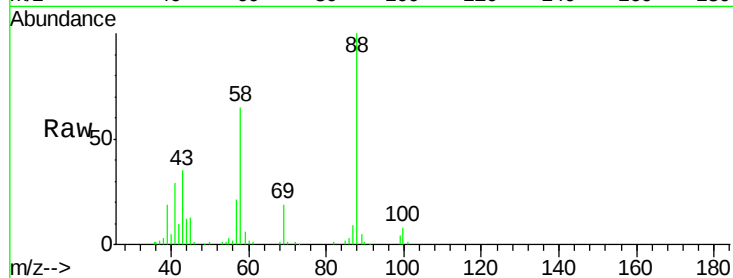




#49
1,4-Dioxane
Concen: 393.06 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

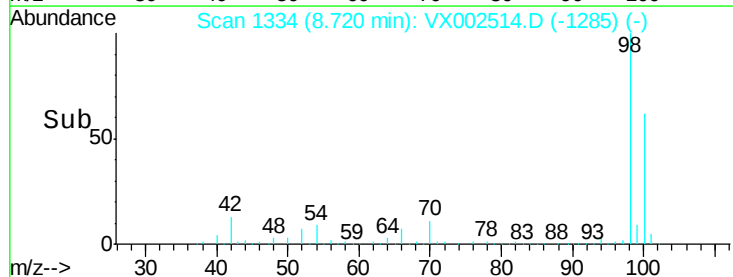
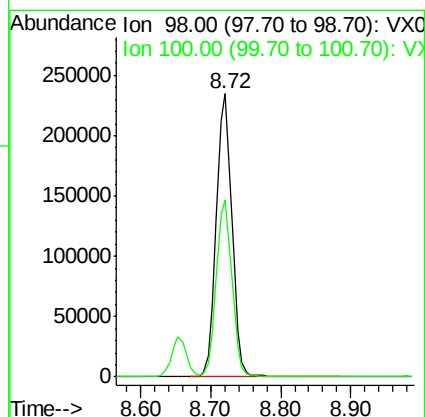
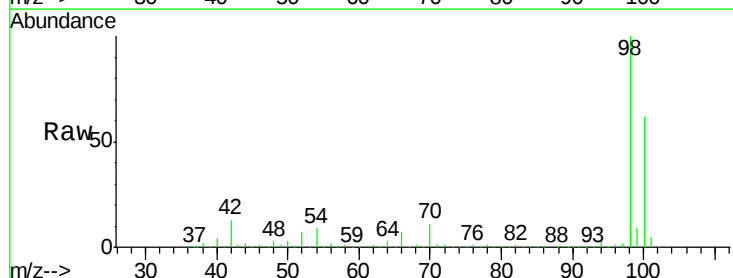
Instrument :
MSVOA_X
ClientSampleId :

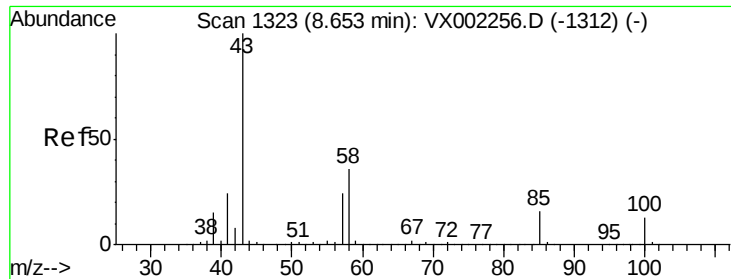
Tot Ion: 88 Resp: 22493
Ion Ratio Lower Upper
88 100
43 42.1 29.8 44.6
58 72.2 57.1 85.7



#50
Toluene-d8
Concen: 42.82 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion: 98 Resp: 366194
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 96.41 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

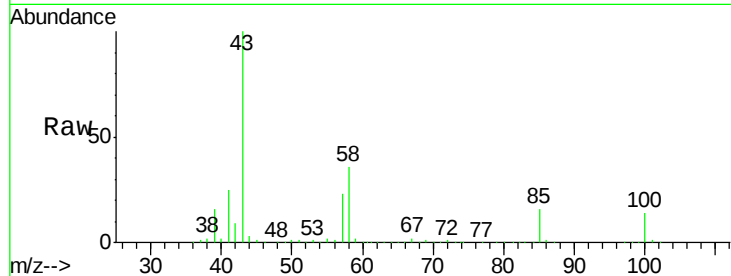
ClientSampled :

Tot Ion: 43 Resp: 365833

Ion Ratio Lower Upper

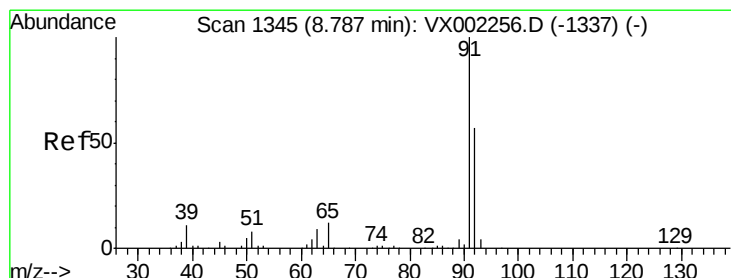
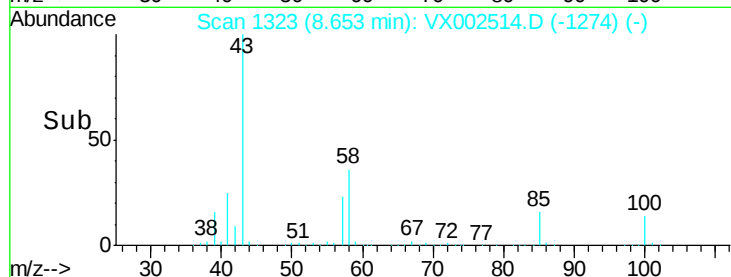
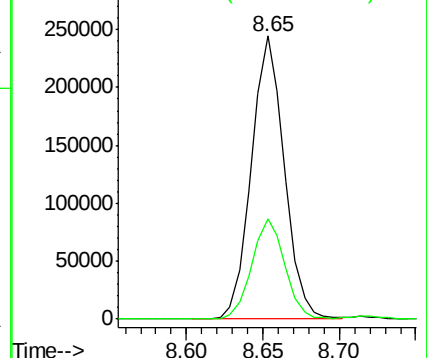
43 100

58 35.6 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: 18.90 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002514.D

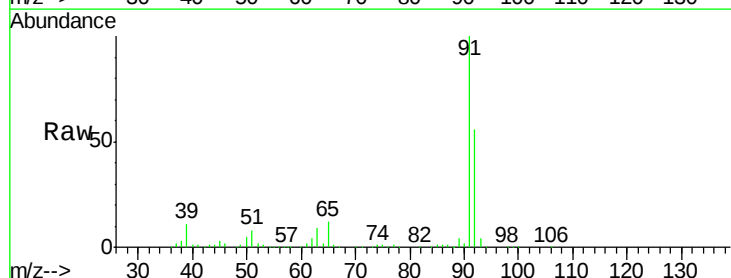
Acq: 13 Jun 2018 17:48

Tgt Ion: 92 Resp: 109960

Ion Ratio Lower Upper

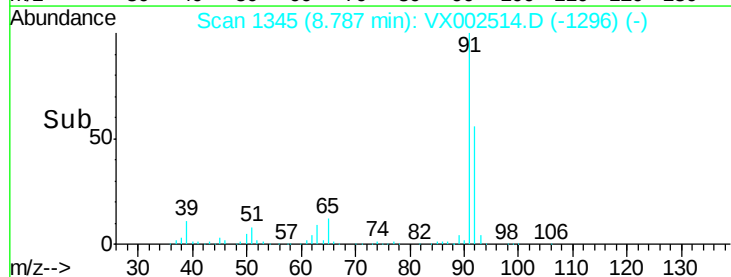
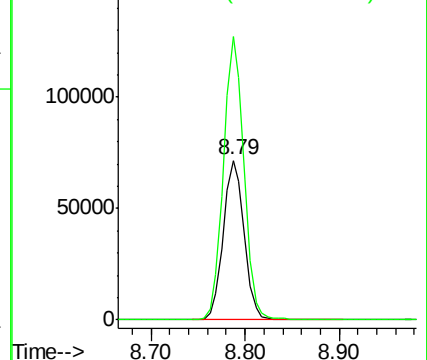
92 100

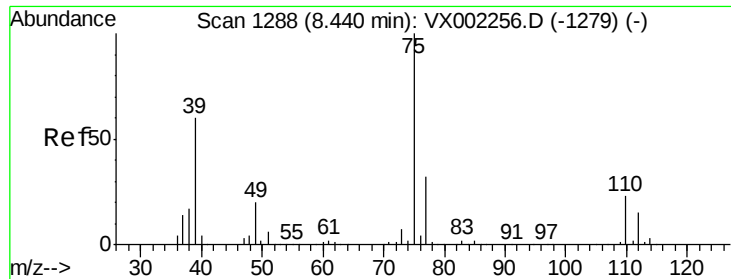
91 174.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

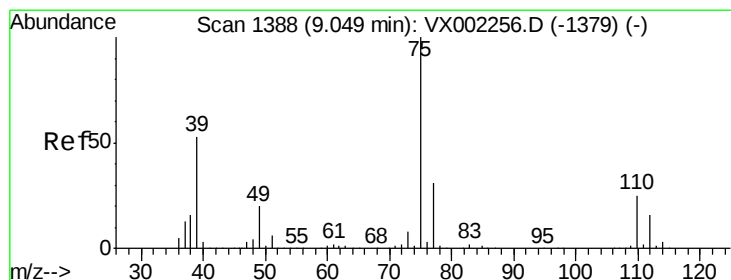
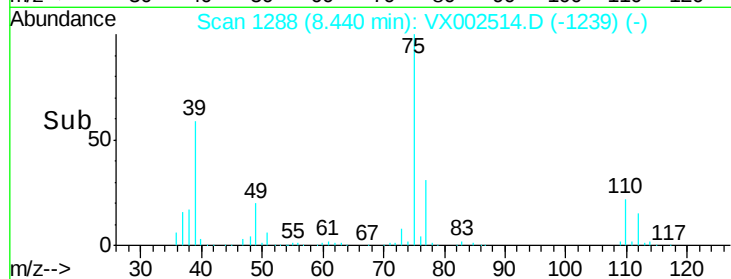
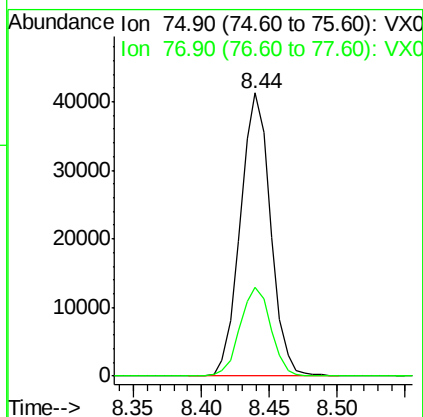
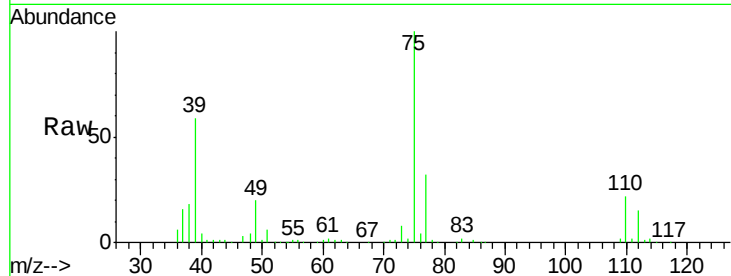




#53
t-1,3-Dichloropropene
Concen: 17.66 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

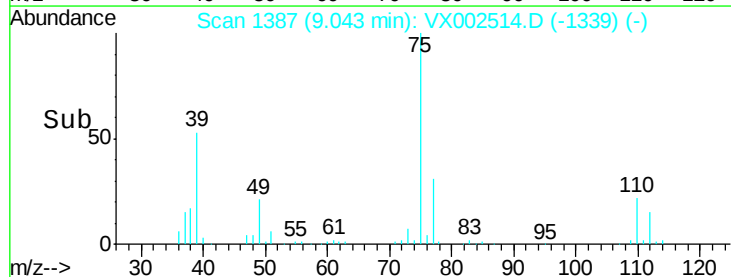
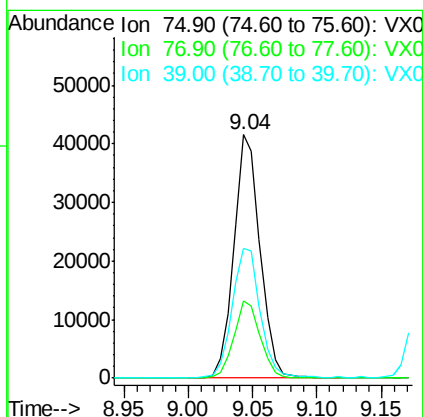
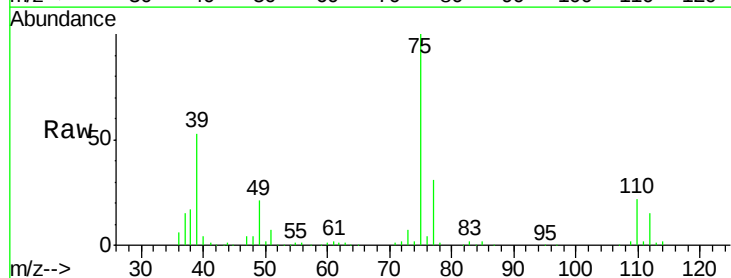
Instrument :
MSVOA_X
ClientSampleId :

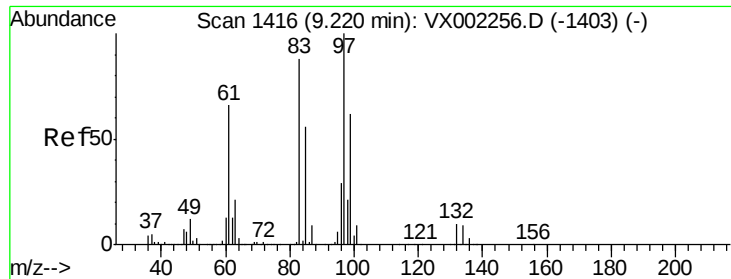
Tot Ion: 75 Resp: 64094
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 17.18 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion: 75 Resp: 58826
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 53.2 42.4 63.6

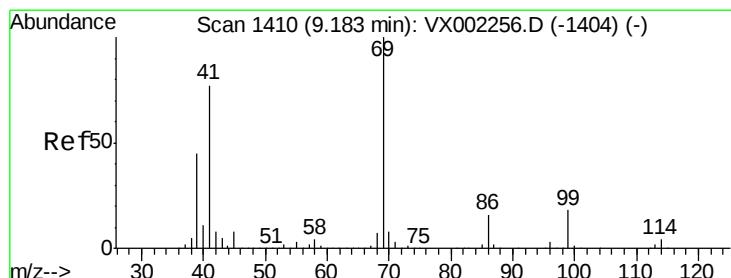
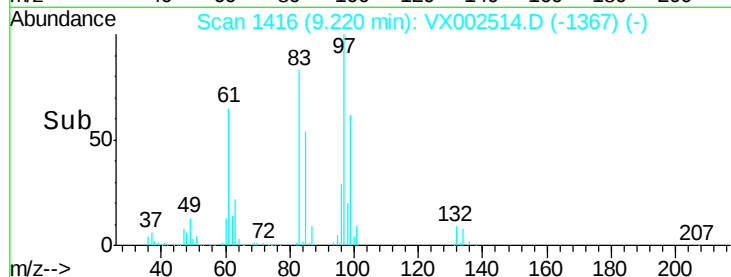
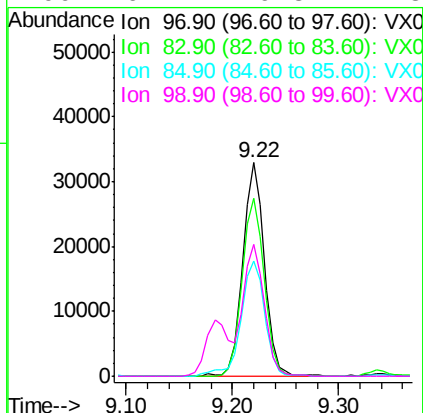
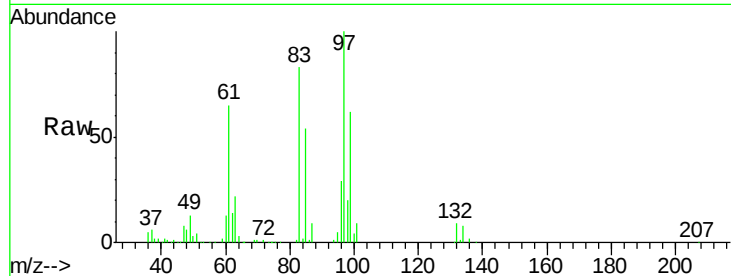




#55
 1,1,2-Trichloroethane
 Concen: 19.70 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

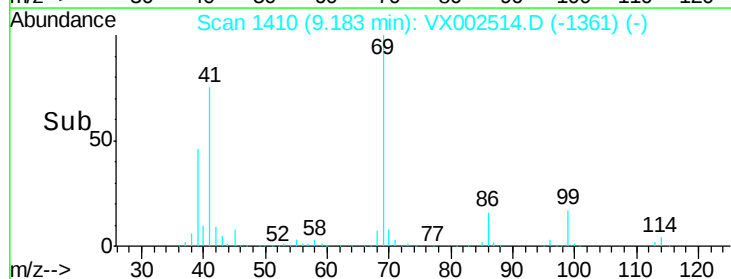
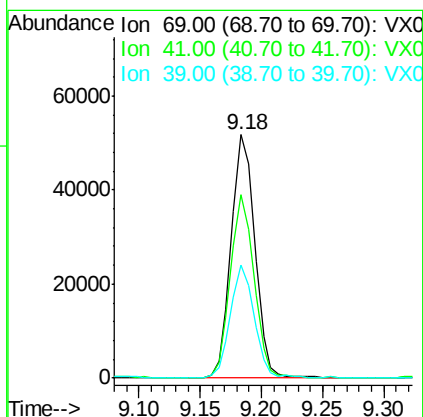
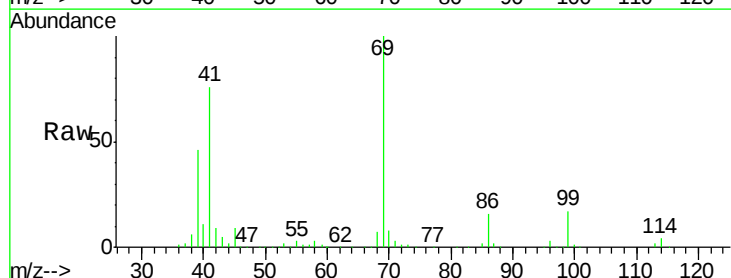
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 97 Resp: 47142
 Ion Ratio Lower Upper
 97 100
 83 83.5 70.2 105.2
 85 54.1 44.9 67.3
 99 61.7 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 18.27 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

Tgt Ion: 69 Resp: 69787
 Ion Ratio Lower Upper
 69 100
 41 74.5 60.3 90.5
 39 46.2 35.8 53.8





#57

1,3-Dichloropropane

Concen: 19.74 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

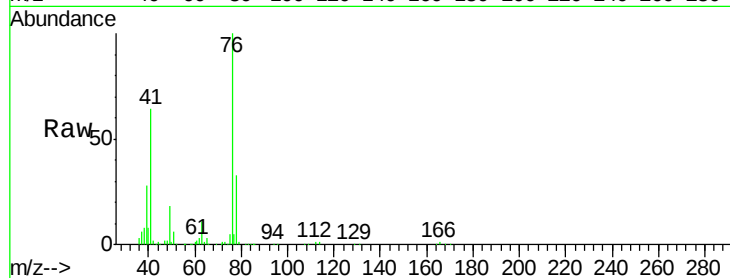
ClientSampled :

Tot Ion: 76 Resp: 79244

Ion Ratio Lower Upper

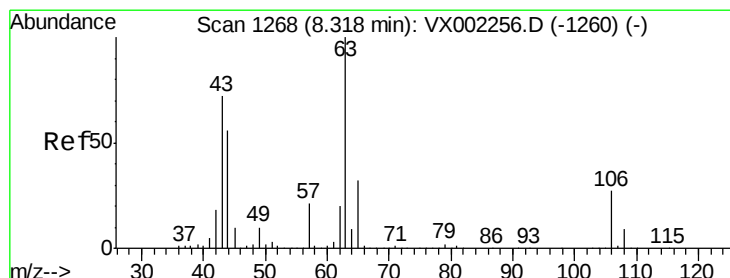
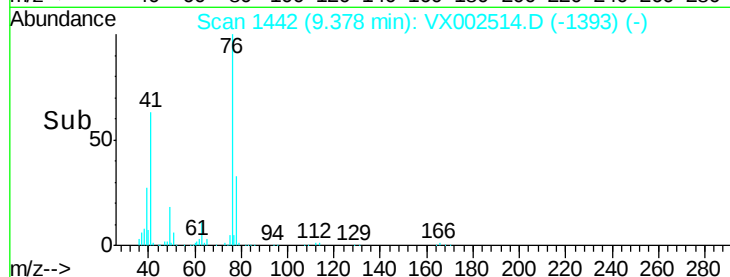
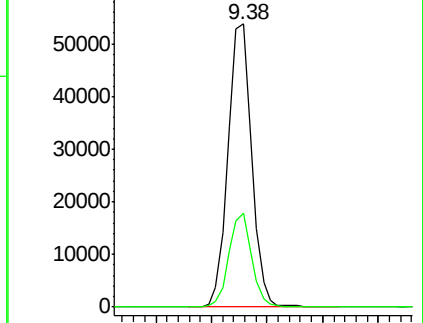
76 100

78 31.9 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: 102.32 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002514.D

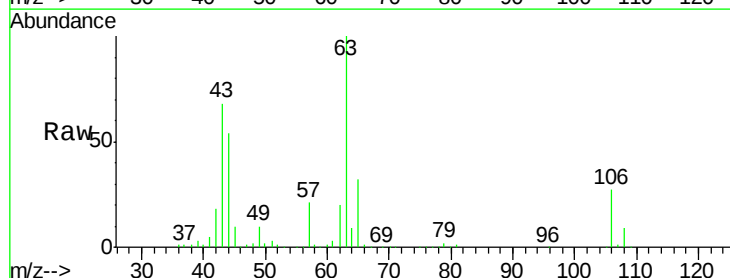
Acq: 13 Jun 2018 17:48

Tgt Ion: 63 Resp: 180893

Ion Ratio Lower Upper

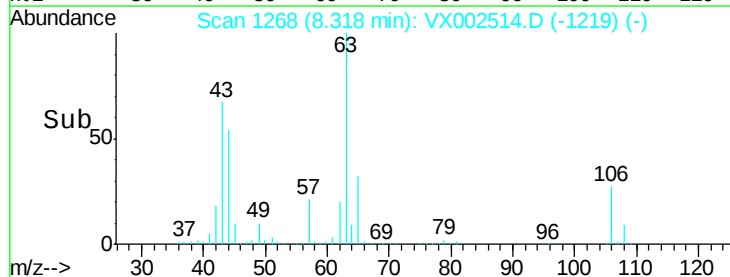
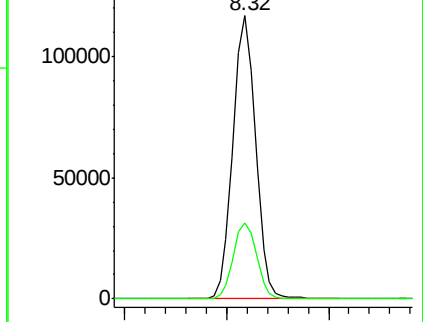
63 100

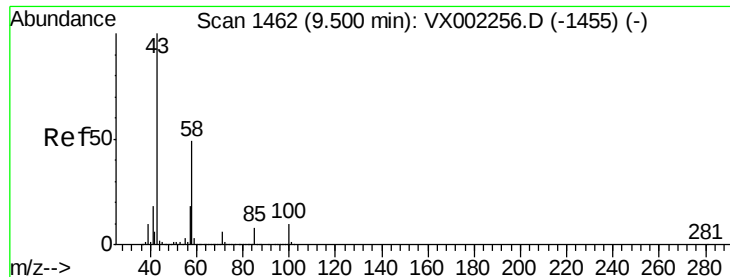
106 27.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

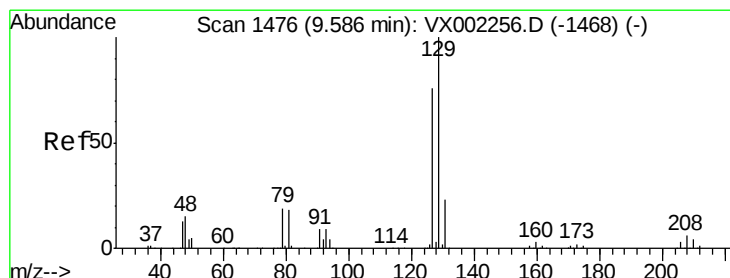
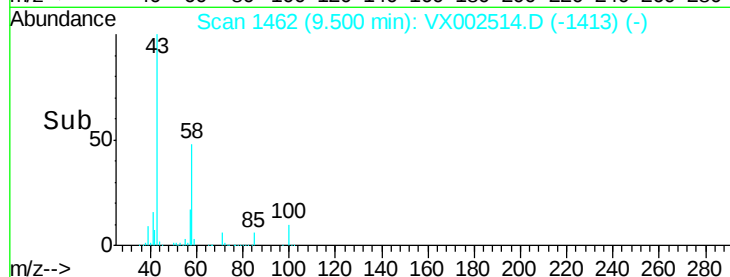
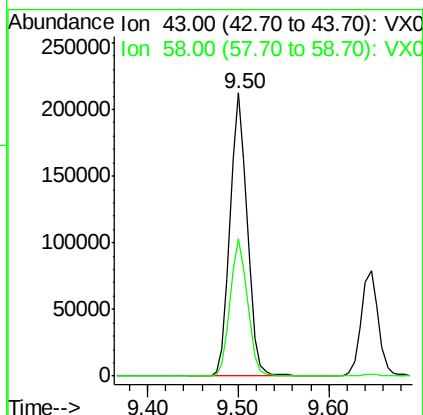
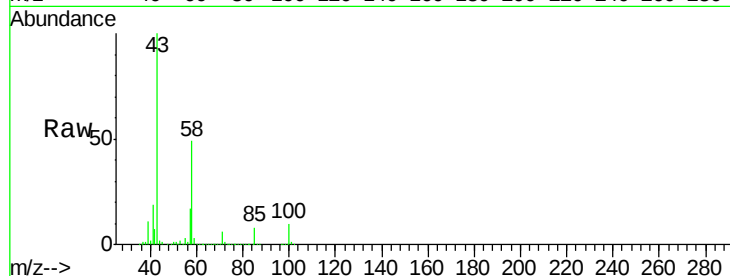




#59
2-Hexanone
Concen: 95.81 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

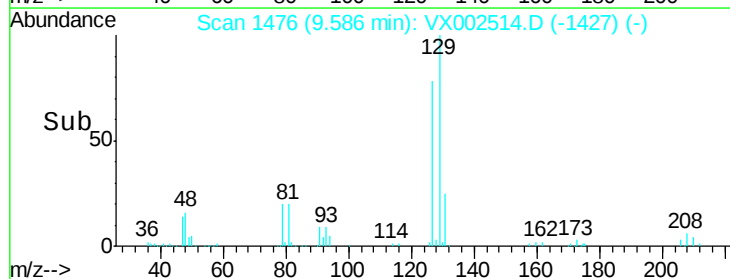
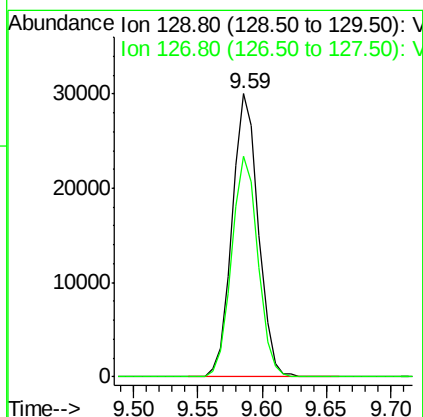
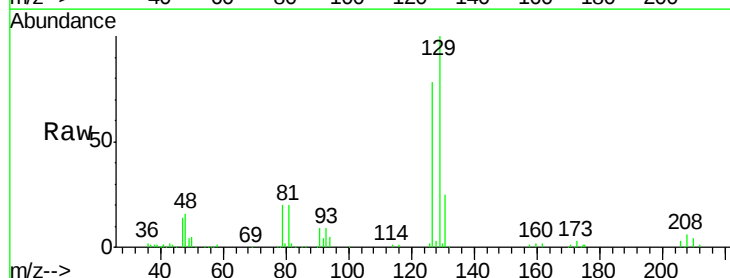
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 280798
Ion Ratio Lower Upper
43 100
58 49.0 24.6 73.6



#60
Dibromochloromethane
Concen: 17.77 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion: 129 Resp: 42761
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.34 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

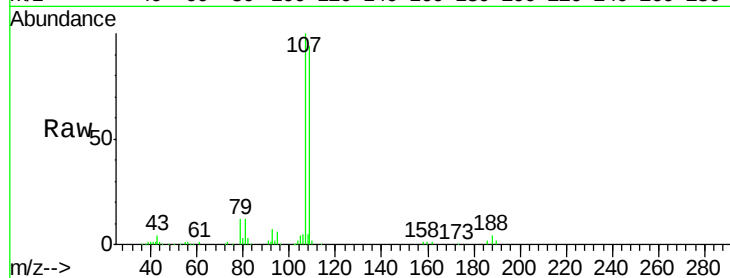
ClientSampleId :

Tot Ion:107 Resp: 48239

Ion Ratio Lower Upper

107 100

109 93.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

20000

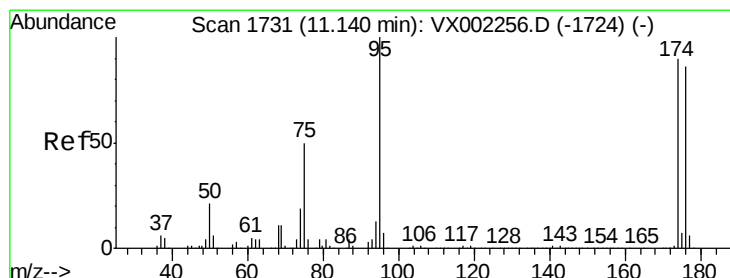
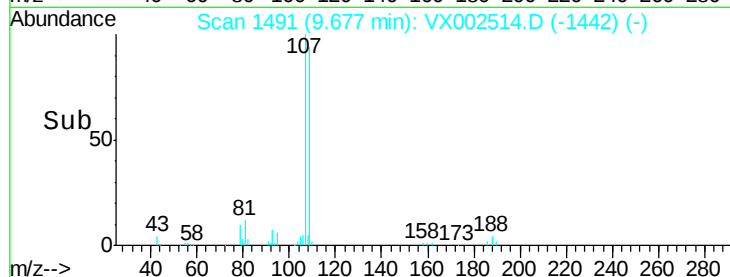
10000

0

Time-->

9.60

9.70



#62

4-Bromofluorobenzene

Concen: 41.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

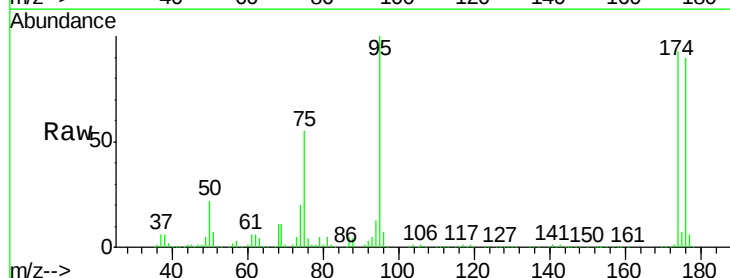
Tgt Ion: 95 Resp: 135967

Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.4

176 92.8 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

11.14

150000

100000

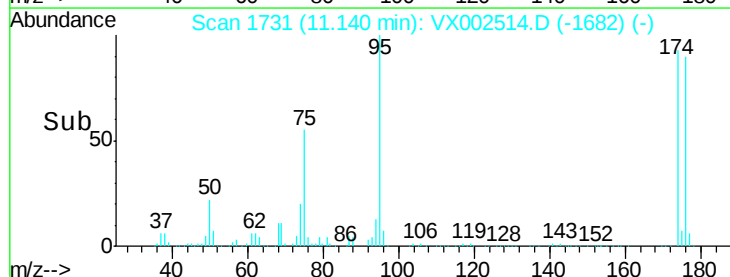
50000

0

Time-->

11.10

11.20

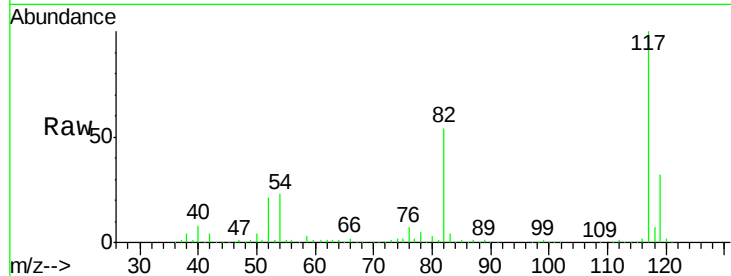




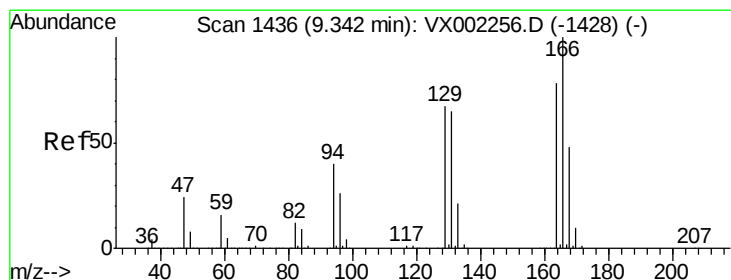
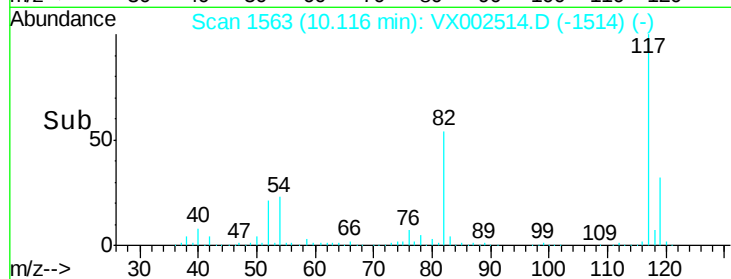
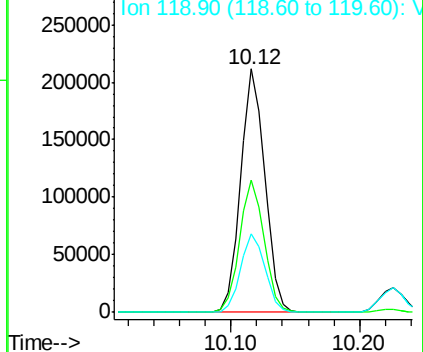
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 275544
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.2 25.8 38.6

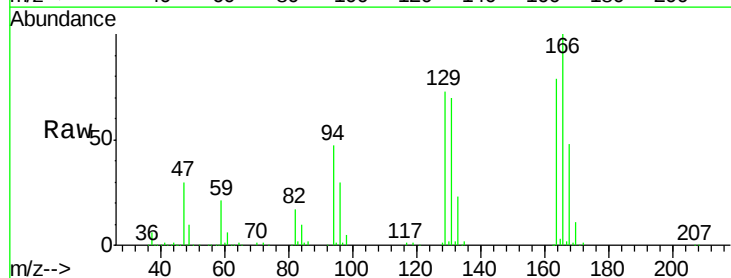


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

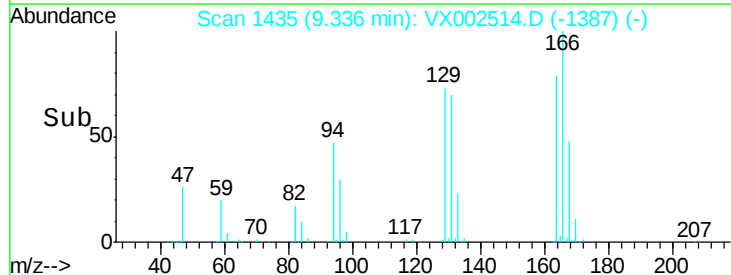
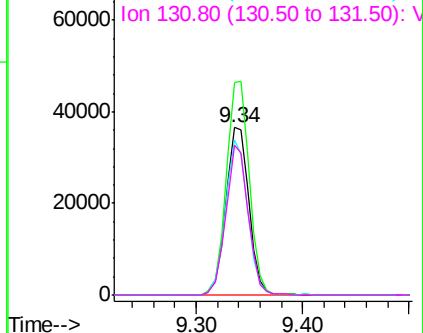


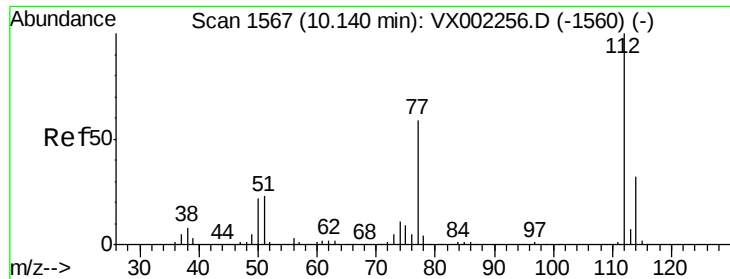
#64
Tetrachloroethene
Concen: 19.57 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion:164 Resp: 55609
Ion Ratio Lower Upper
164 100
166 127.2 102.9 154.3
129 92.8 68.6 102.8
131 89.2 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: 18.69 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

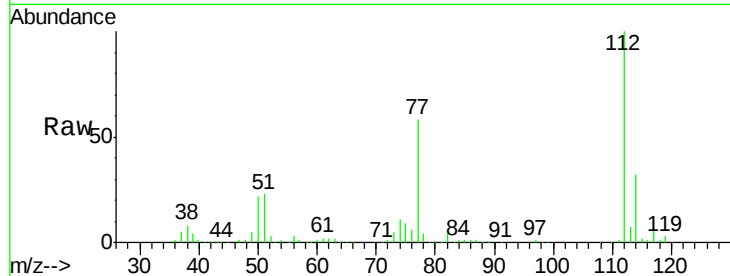
ClientSampleId :

Tot Ion:112 Resp: 128150

Ion Ratio Lower Upper

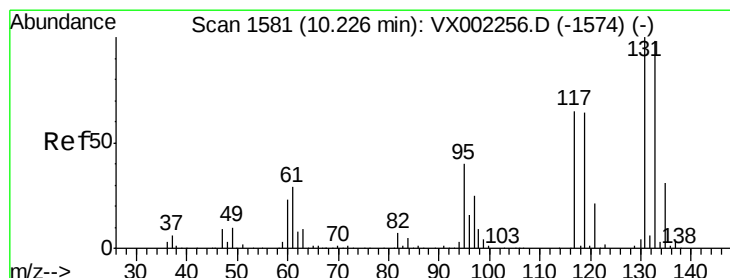
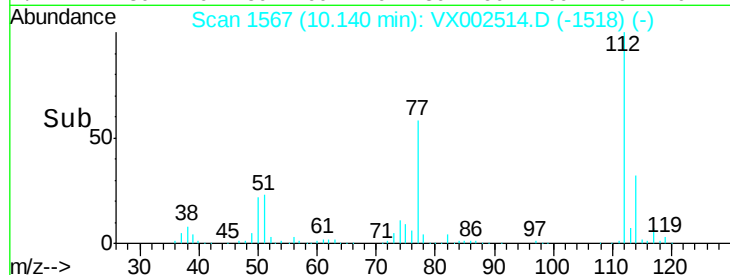
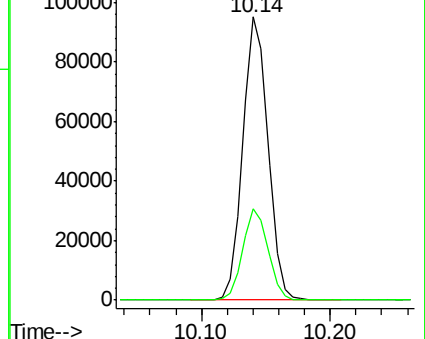
112 100

114 32.5 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: 18.08 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

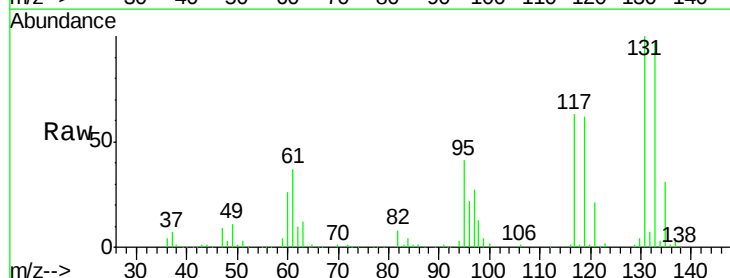
Tgt Ion:131 Resp: 44883

Ion Ratio Lower Upper

131 100

133 95.0 47.9 143.6

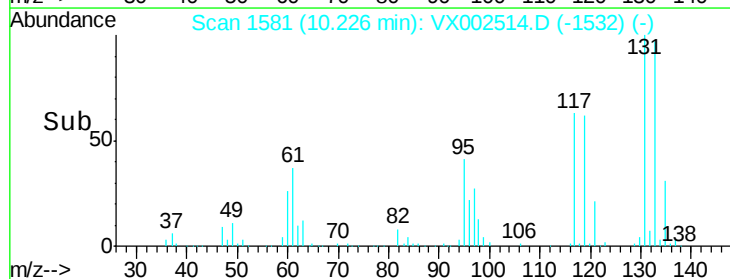
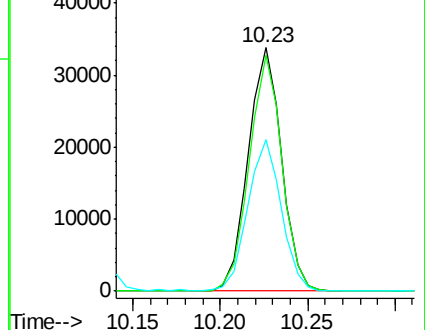
119 62.4 31.8 95.3

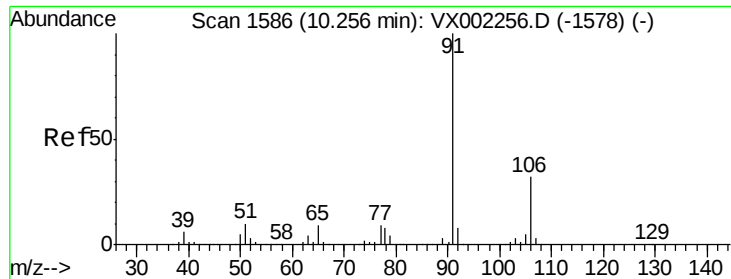


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

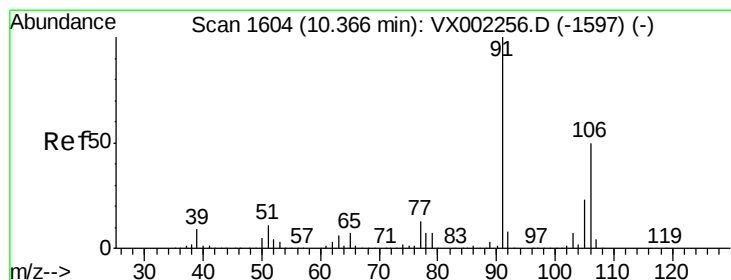
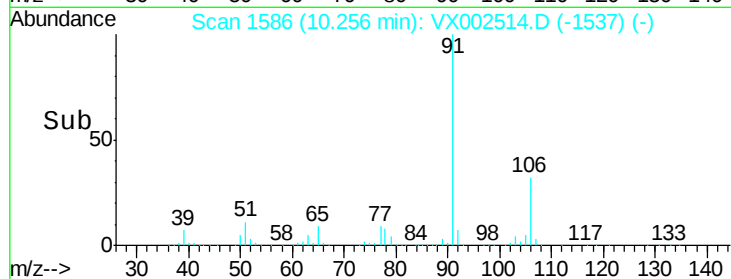
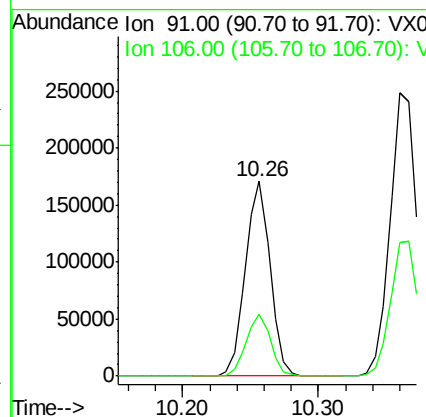
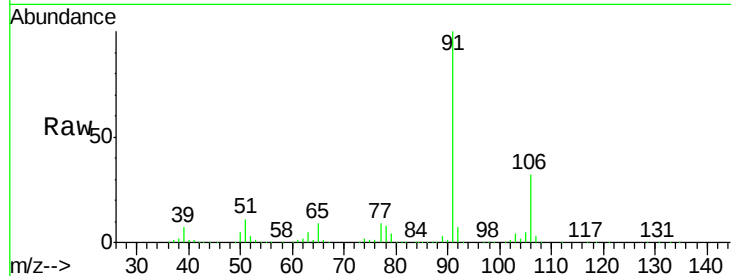




#67
Ethyl Benzene
Concen: 18.95 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

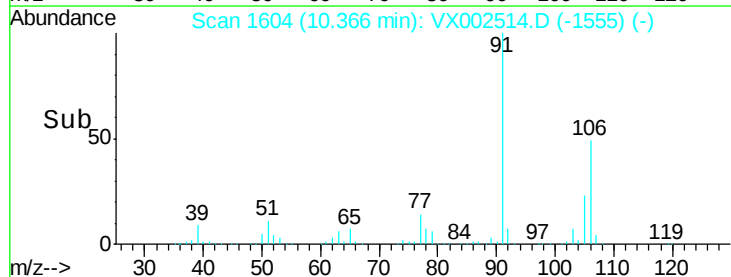
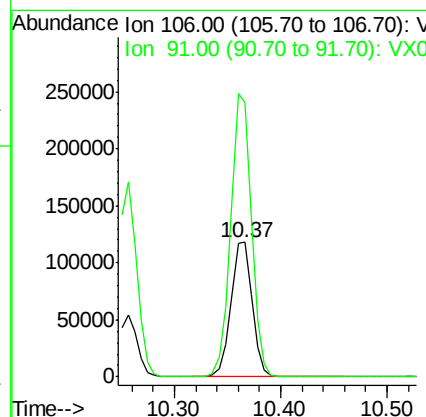
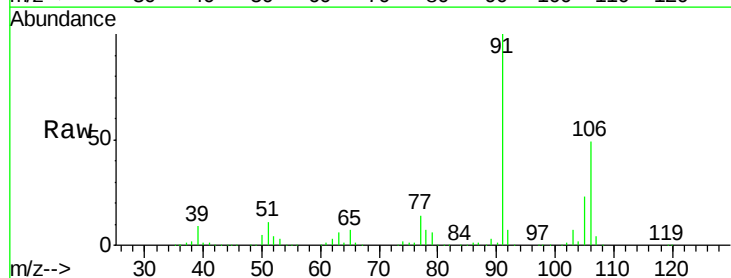
Instrument :
MSVOA_X
ClientSampleId :

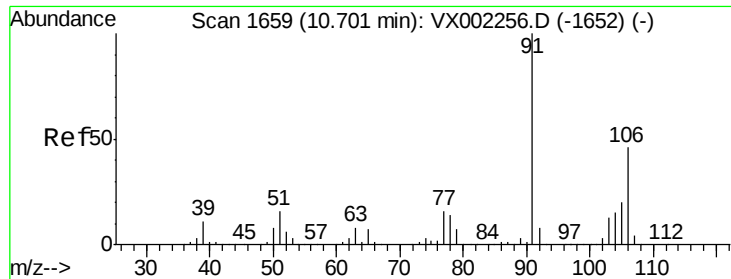
Tot Ion: 91 Resp: 217478
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 37.20 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion: 106 Resp: 165923
Ion Ratio Lower Upper
106 100
91 205.5 163.4 245.2

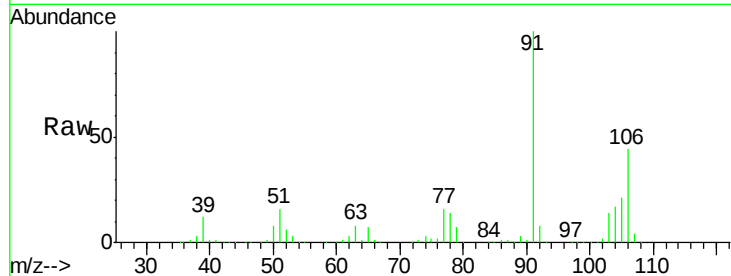




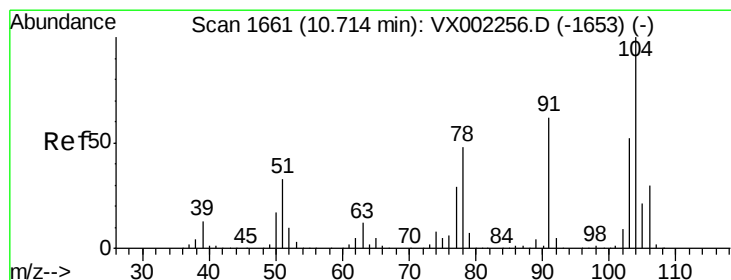
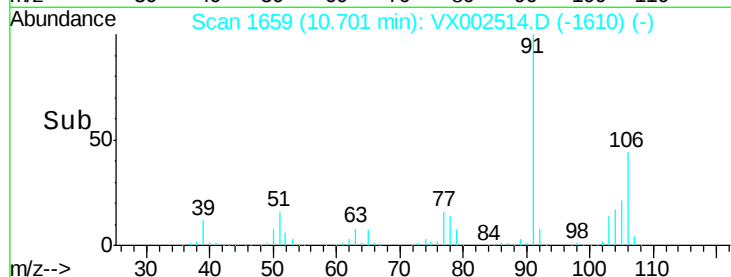
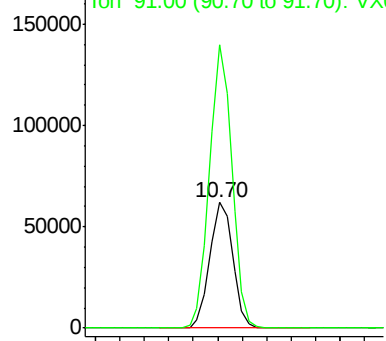
#69
o-Xylene
Concen: 18.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 80481
Ion Ratio Lower Upper
106 100
91 220.6 108.2 324.6

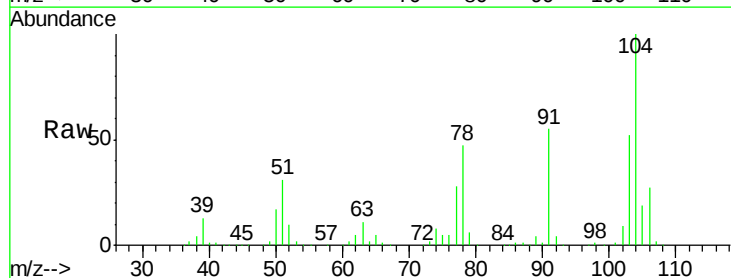


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

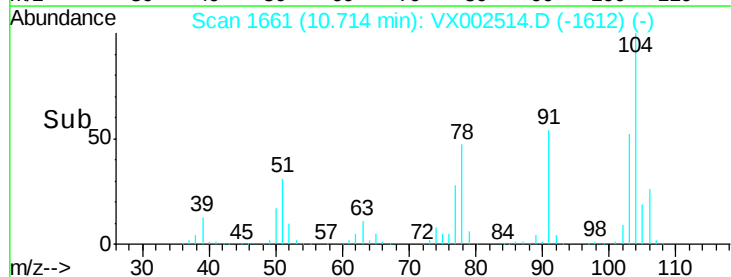
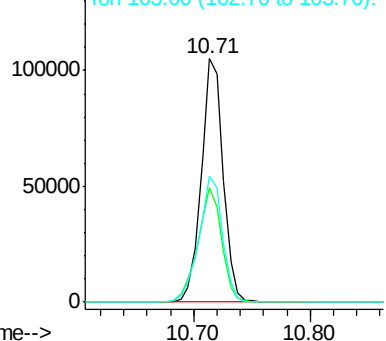


#70
Styrene
Concen: 18.90 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion:104 Resp: 137112
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.6
103 55.9 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: 16.29 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

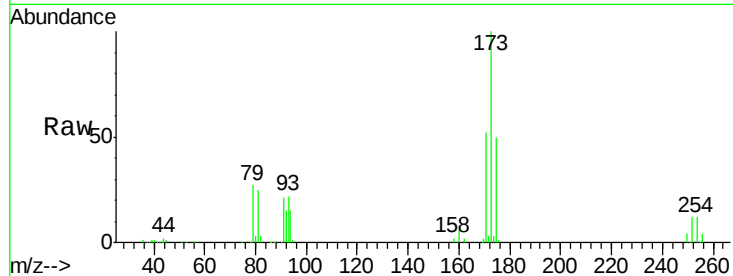
Tot Ion:173 Resp: 30660

Ion Ratio Lower Upper

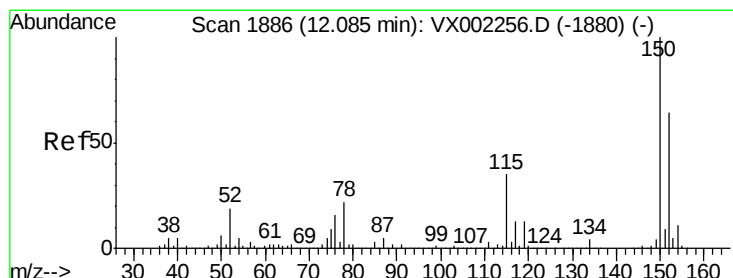
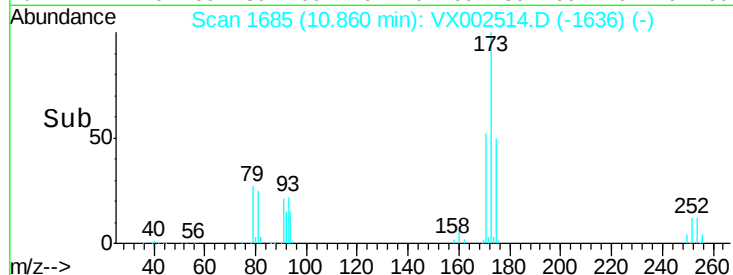
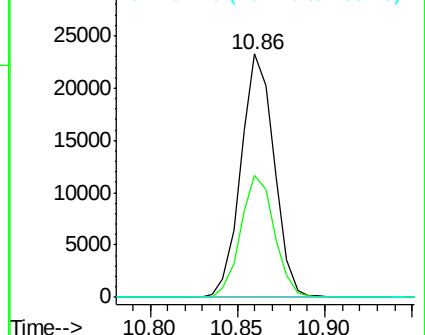
173 100

175 51.0 24.7 74.1

254 0.1 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: VX002514.D

Acq: 13 Jun 2018 17:48

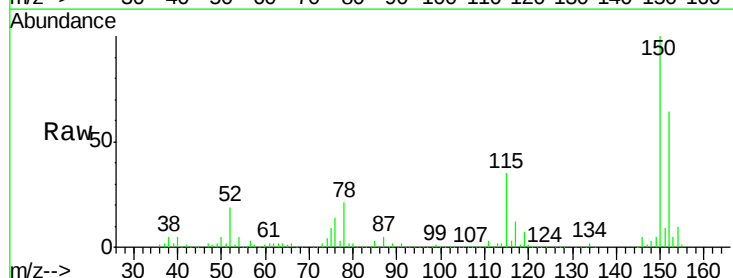
Tgt Ion:152 Resp: 173948

Ion Ratio Lower Upper

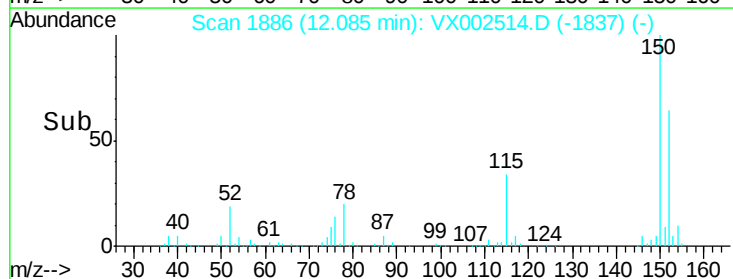
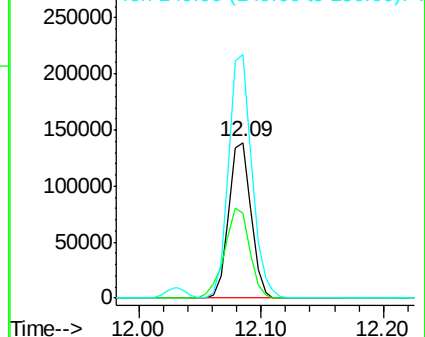
152 100

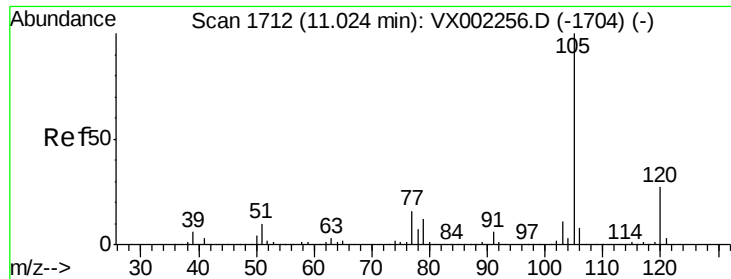
115 65.1 40.1 120.2

150 163.8 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: 18.78 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

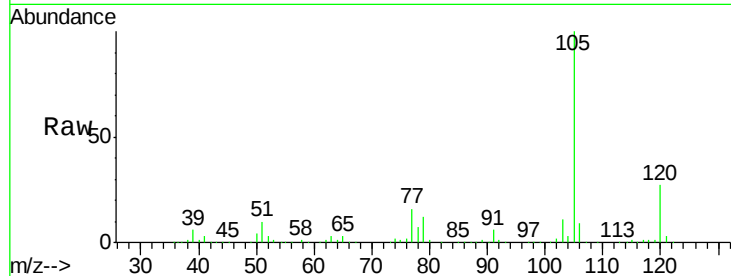
ClientSampleId :

Tot Ion:105 Resp: 227228

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

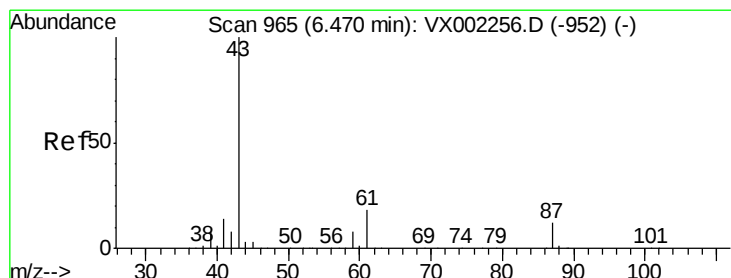
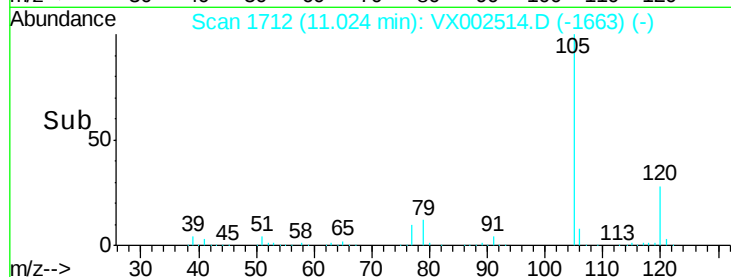
100000

50000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 16.98 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Tgt Ion: 43 Resp: 110703

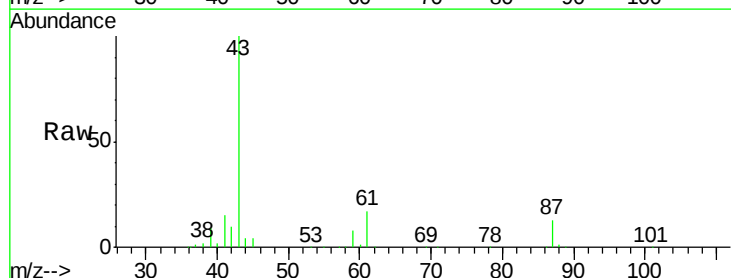
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.0 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

60000

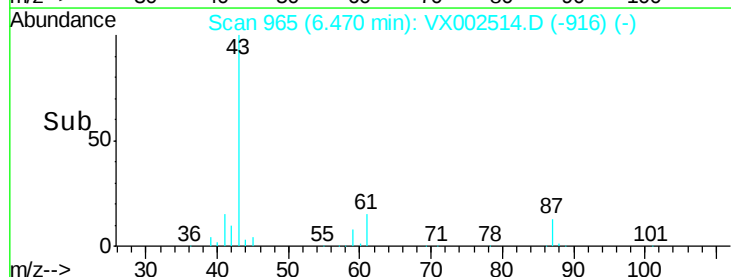
40000

20000

0

6.30 6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.30 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

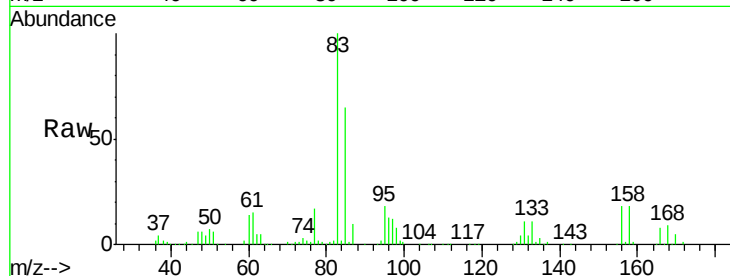
Tot Ion: 83 Resp: 69640

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

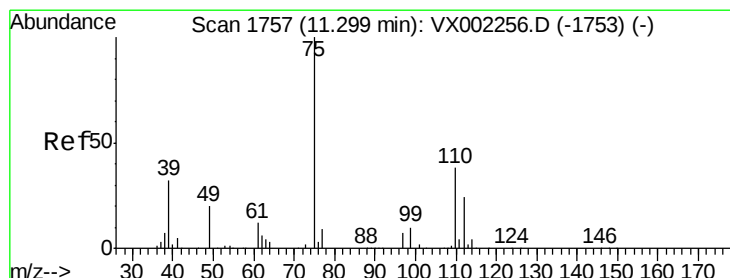
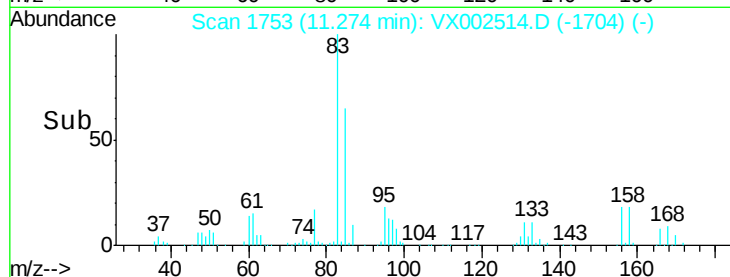
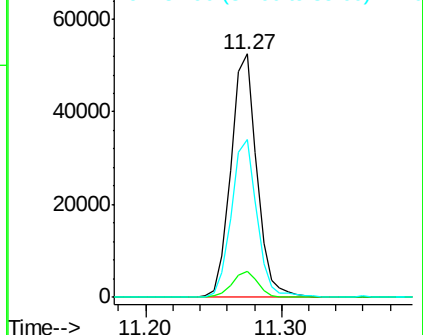
85 64.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.66 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002514.D

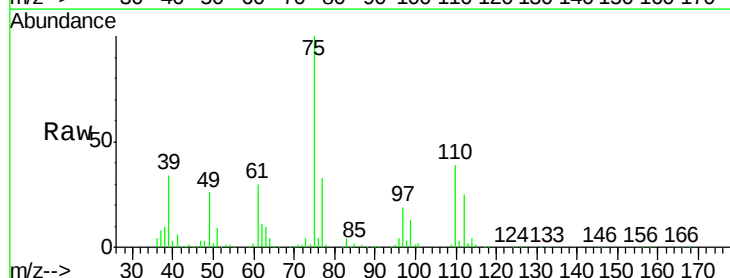
Acq: 13 Jun 2018 17:48

Tgt Ion: 75 Resp: 78845

Ion Ratio Lower Upper

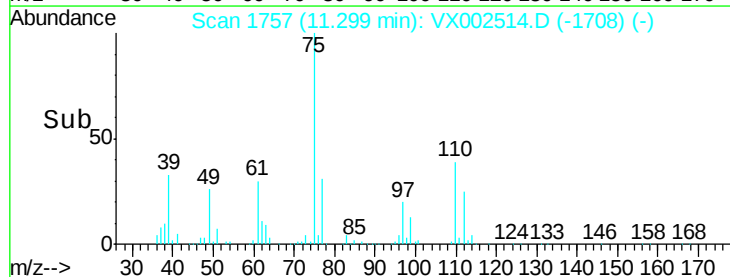
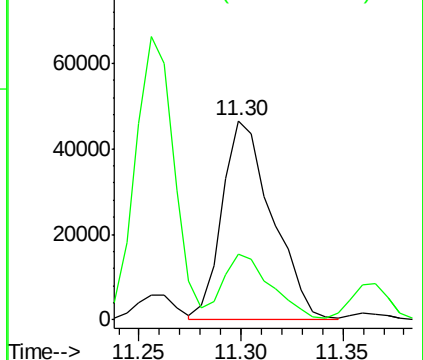
75 100

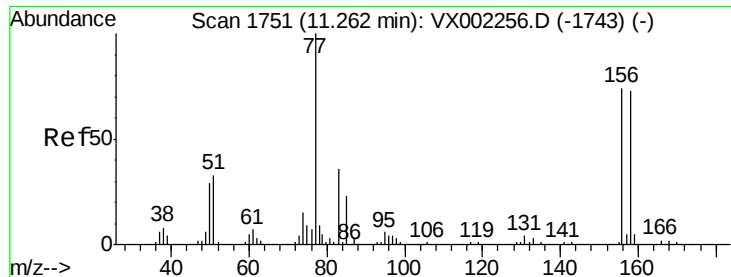
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.98 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

ClientSampled :

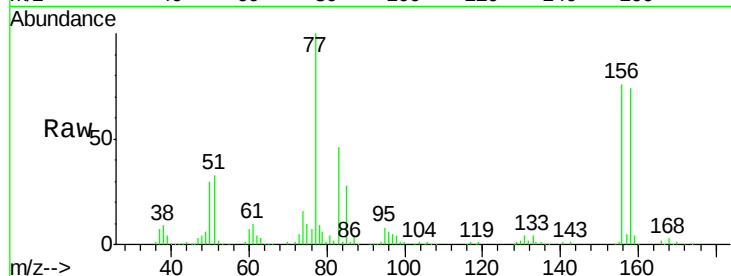
Tot Ion:156 Resp: 61079

Ion Ratio Lower Upper

156 100

77 142.1 71.4 214.2

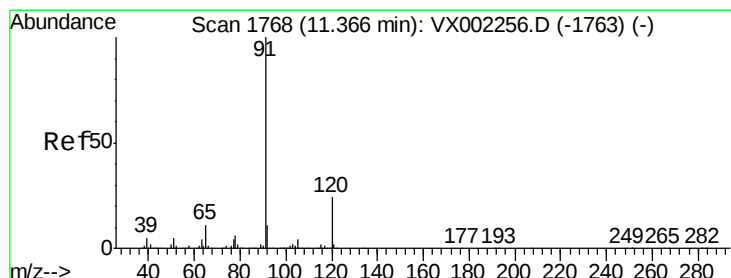
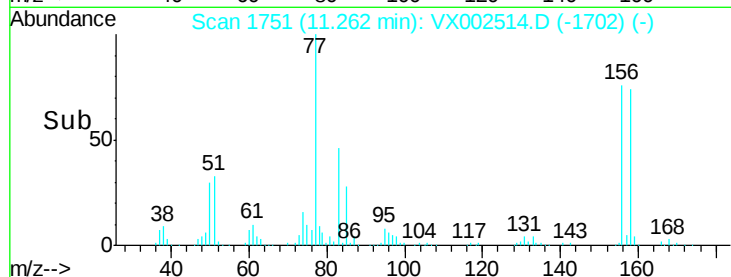
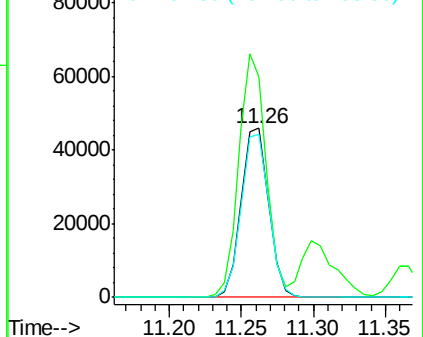
158 97.5 48.9 146.6



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: 19.27 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002514.D

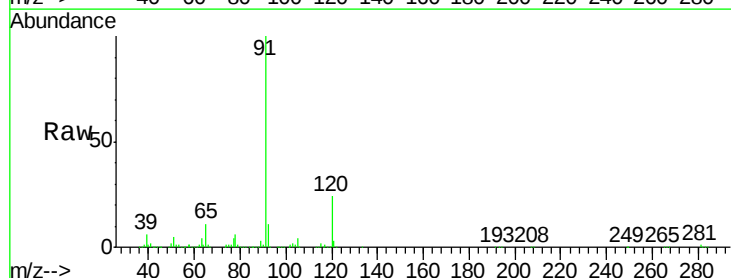
Acq: 13 Jun 2018 17:48

Tgt Ion: 91 Resp: 259161

Ion Ratio Lower Upper

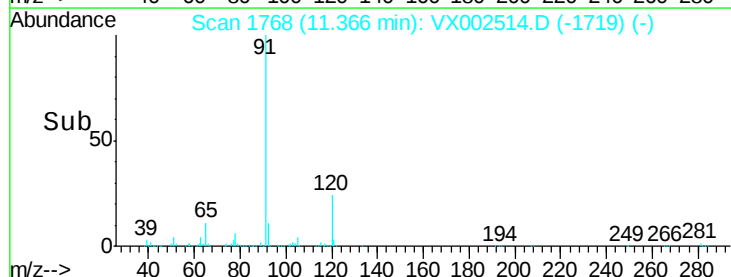
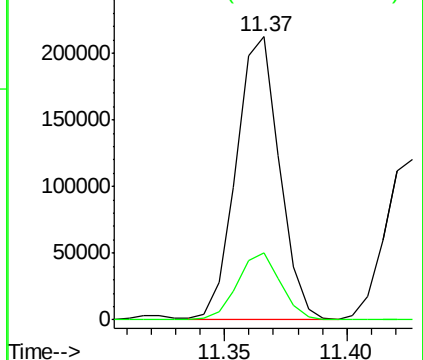
91 100

120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.99 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

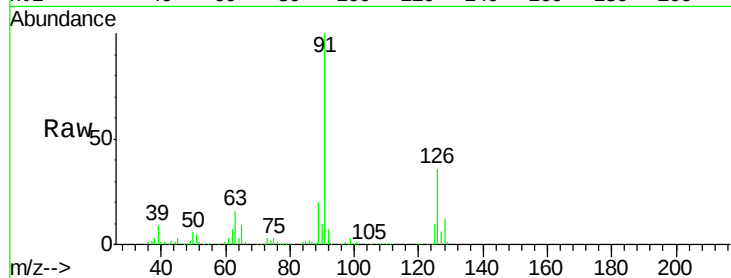
ClientSampled :

Tot Ion: 91 Resp: 152749

Ion Ratio Lower Upper

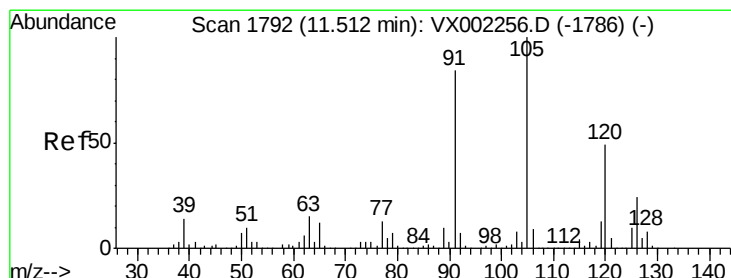
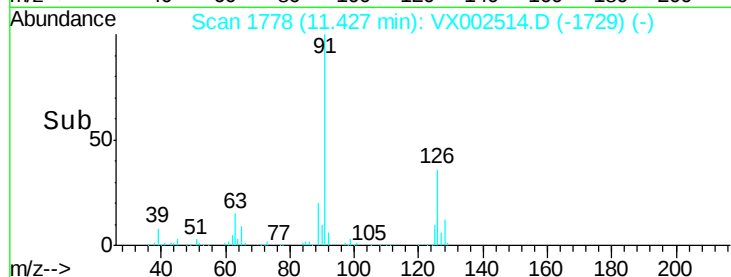
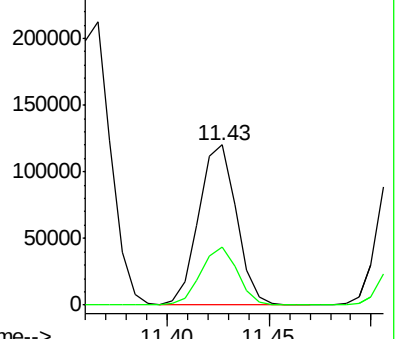
91 100

126 35.4 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: 18.40 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002514.D

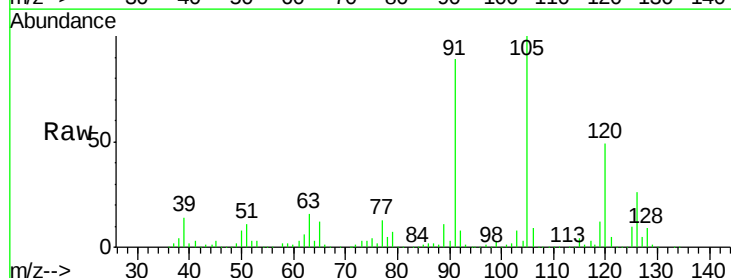
Acq: 13 Jun 2018 17:48

Tgt Ion:105 Resp: 190969

Ion Ratio Lower Upper

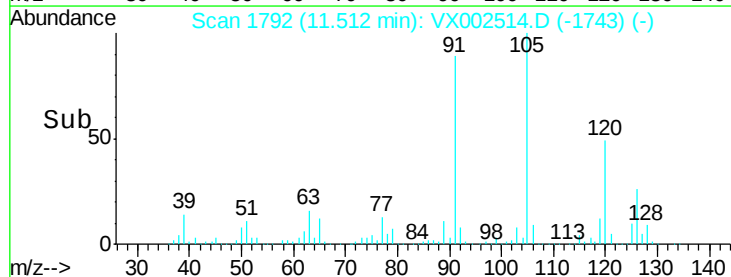
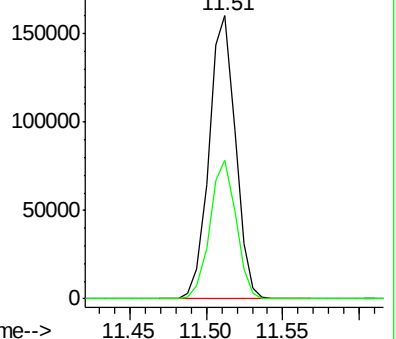
105 100

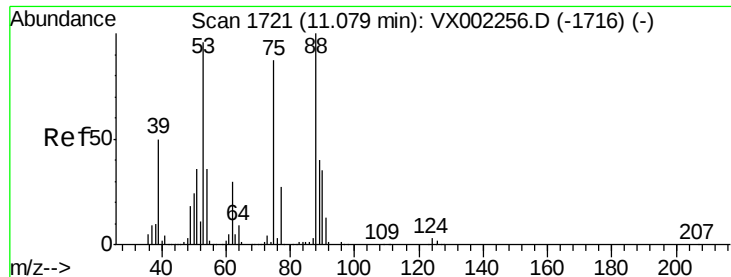
120 48.5 24.4 73.4



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: 14.27 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

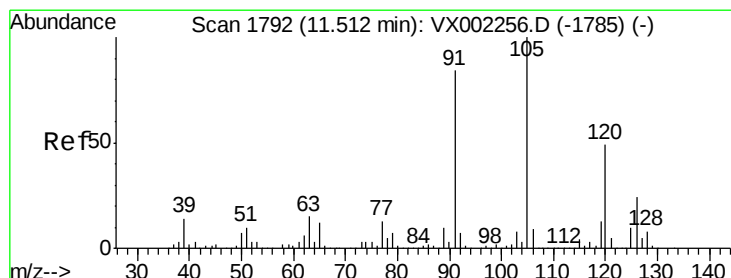
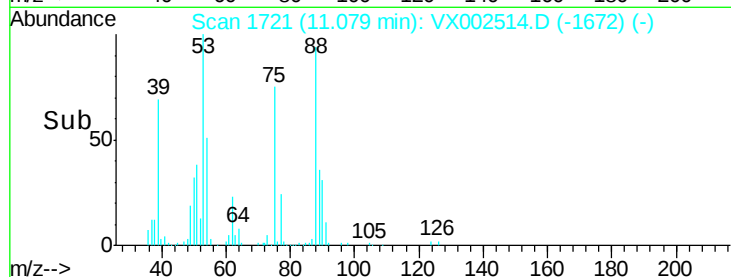
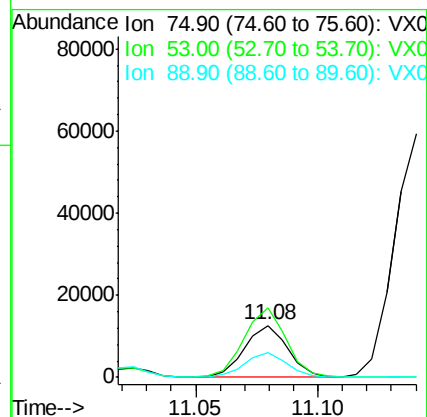
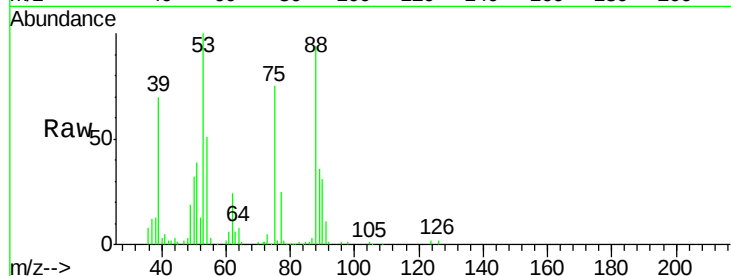
Tot Ion: 75 Resp: 15536

Ion Ratio Lower Upper

75 100

53 131.5 86.8 130.2#

89 47.7 38.2 57.2



#82

4-Chlorotoluene

Concen: 18.61 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002514.D

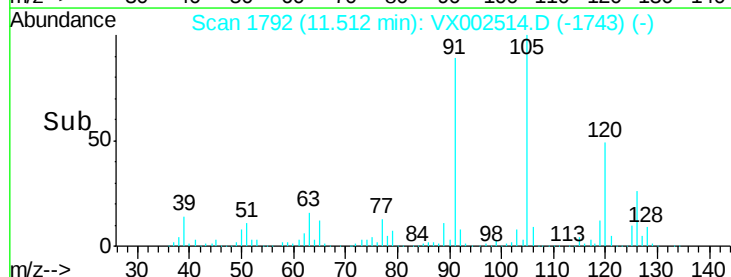
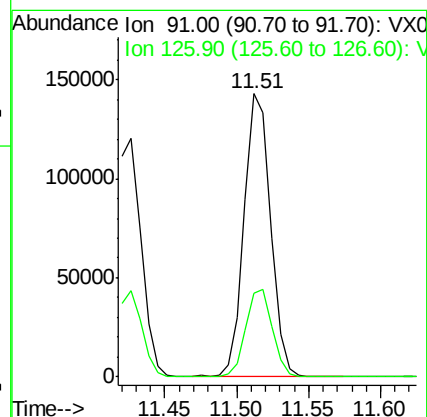
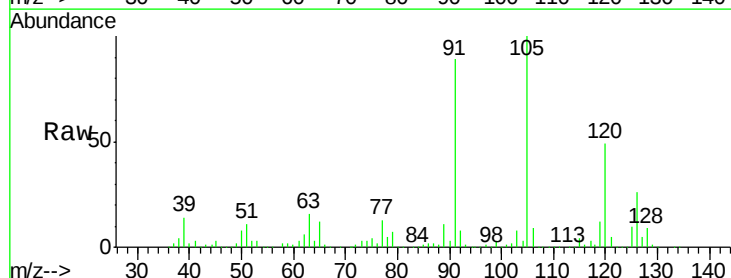
Acq: 13 Jun 2018 17:48

Tgt Ion: 91 Resp: 182454

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.4

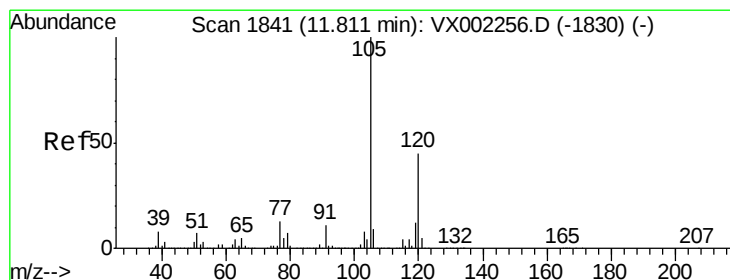
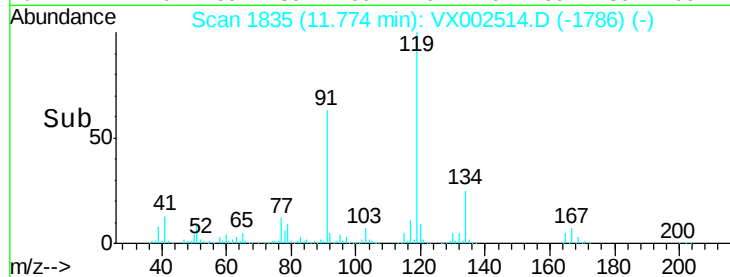
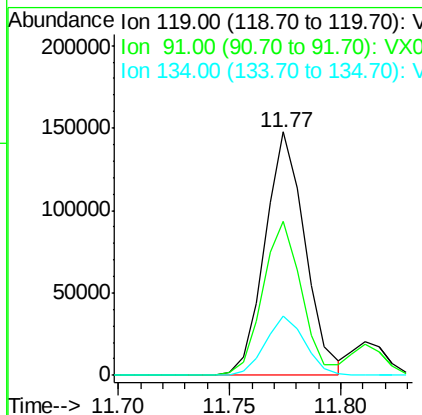
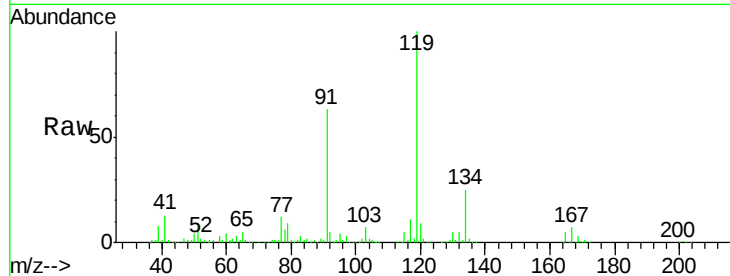




#83
tert-Butylbenzene
Concen: 18.27 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

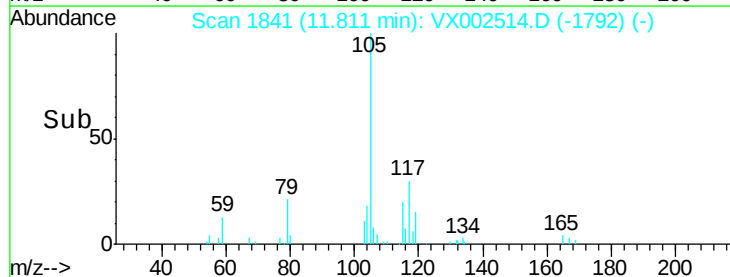
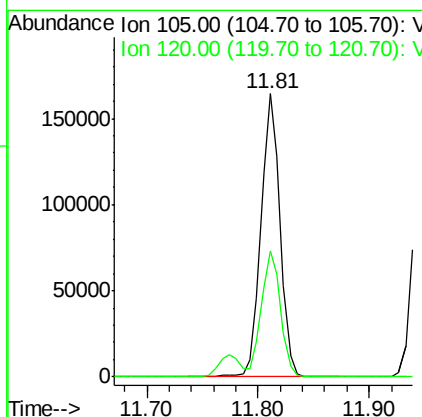
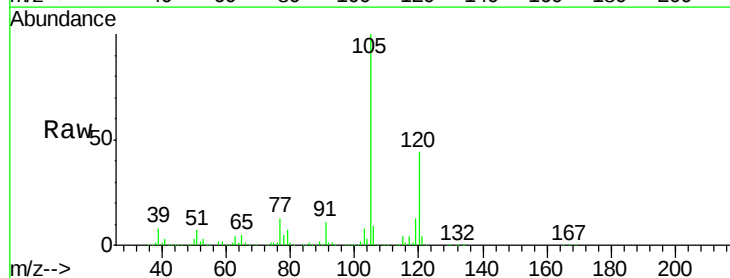
Instrument :
MSVOA_X
ClientSampleId :

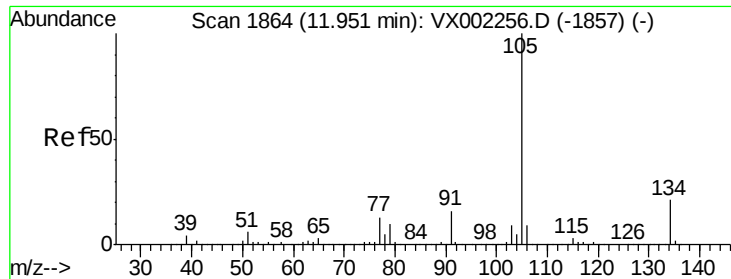
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	30.3	90.9
134	24.3	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 18.49 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.3	66.8

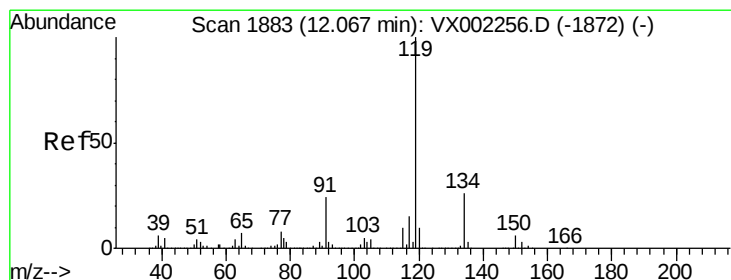
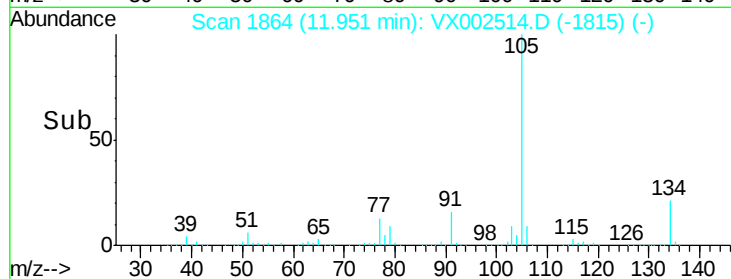
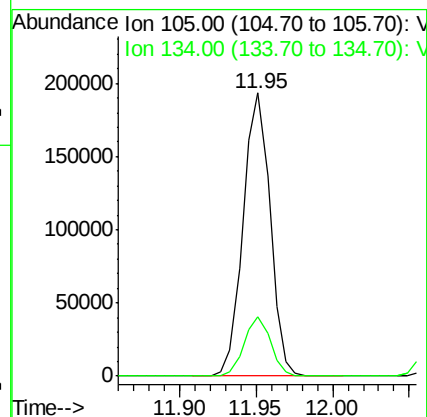
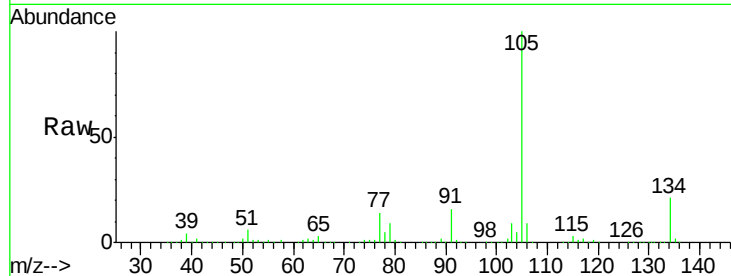




#85
 sec-Butylbenzene
 Concen: 19.98 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

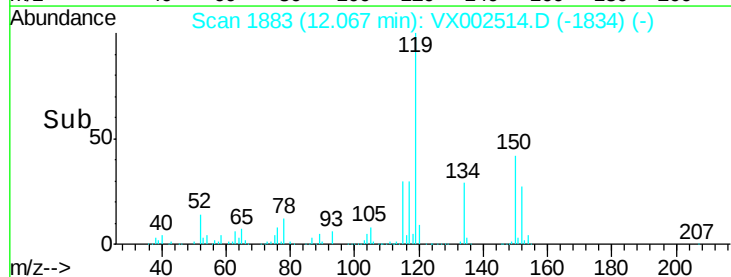
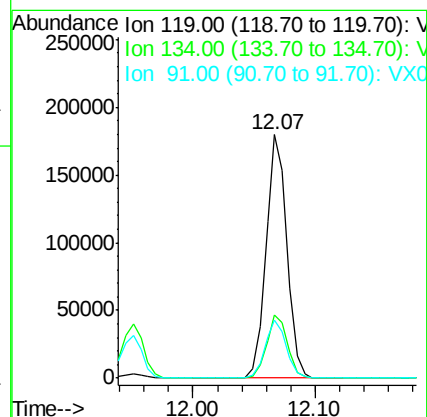
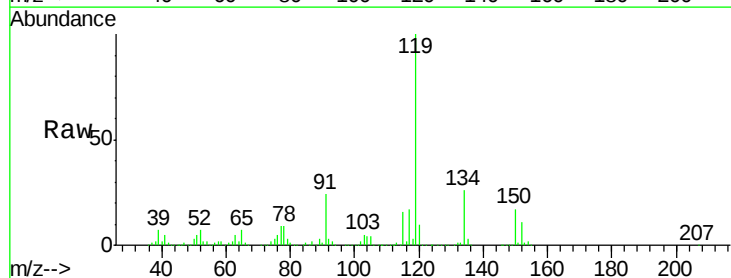
Instrument :
 MSVOA_X
 ClientSampleId :

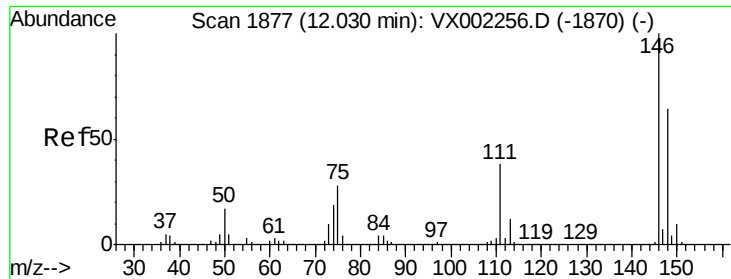
Tot Ion:105 Resp: 236744
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.76 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

Tgt Ion:119 Resp: 213211
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.1
 91 24.3 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 18.65 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

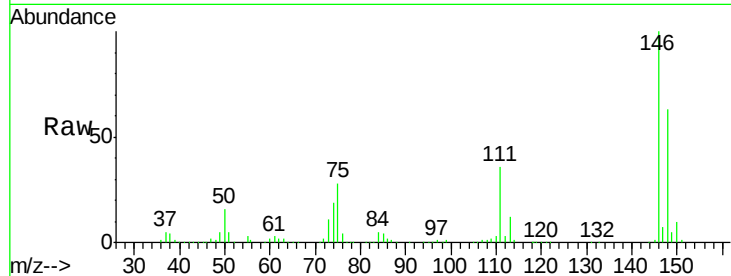
Tot Ion:146 Resp: 113275

Ion Ratio Lower Upper

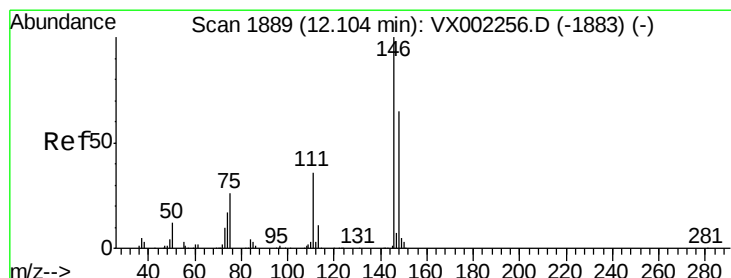
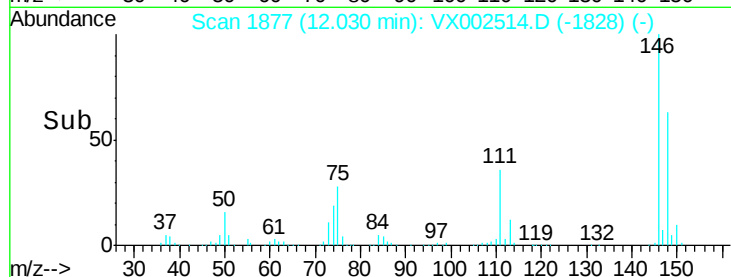
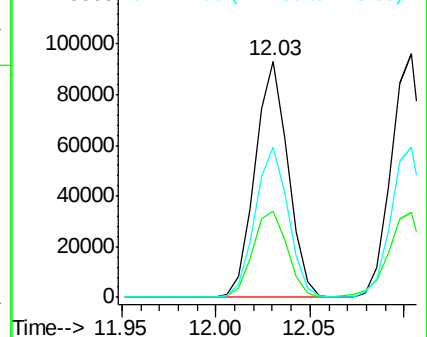
146 100

111 38.3 18.9 56.7

148 63.8 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 18.78 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

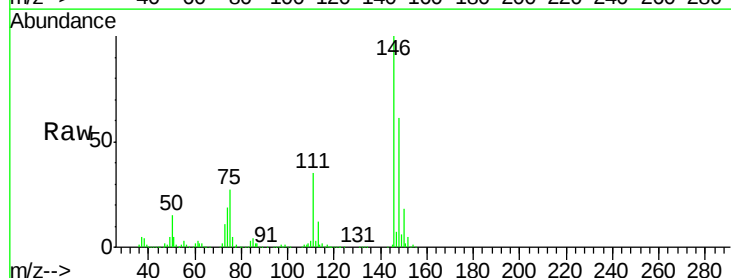
Tgt Ion:146 Resp: 117602

Ion Ratio Lower Upper

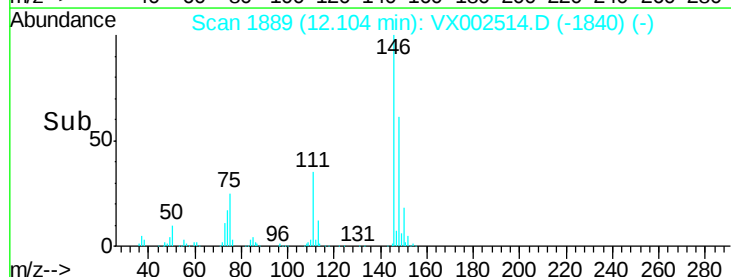
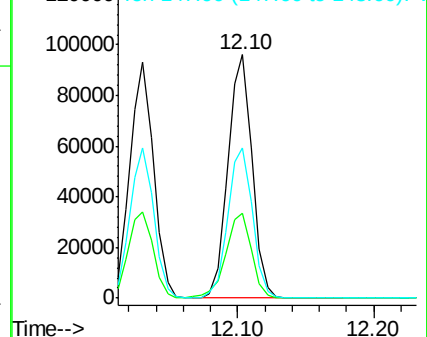
146 100

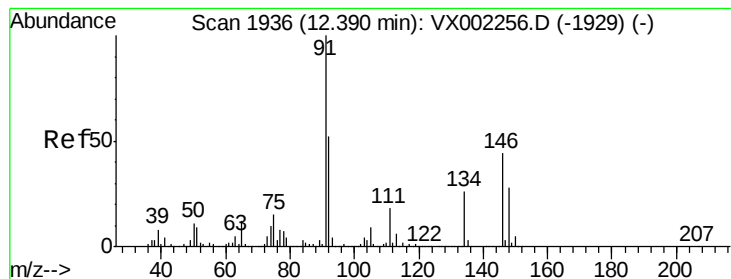
111 37.1 18.7 56.1

148 63.3 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: 20.86 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

ClientSampled :

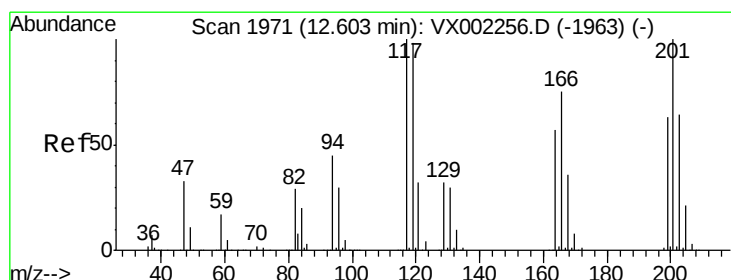
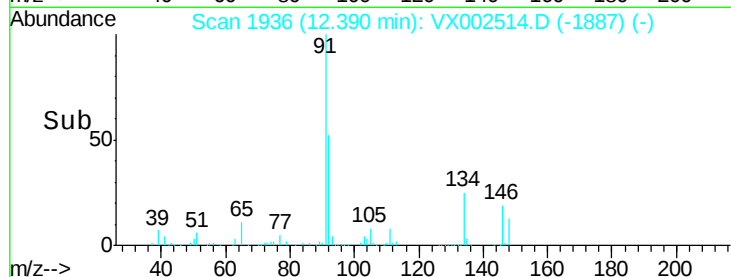
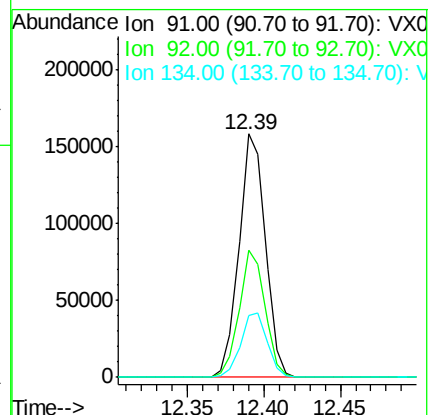
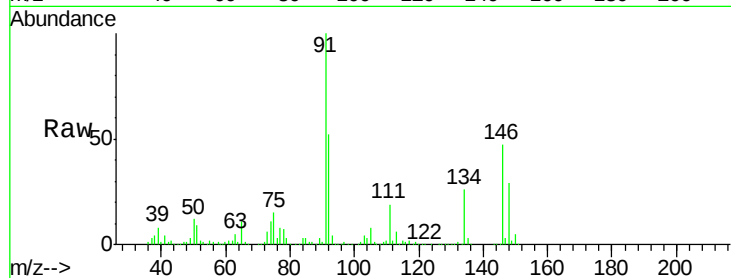
Tot Ion: 91 Resp: 188806

Ion Ratio Lower Upper

91 100

92 51.2 26.0 78.0

134 26.8 13.5 40.5



#90

Hexachloroethane

Concen: 16.37 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX002514.D

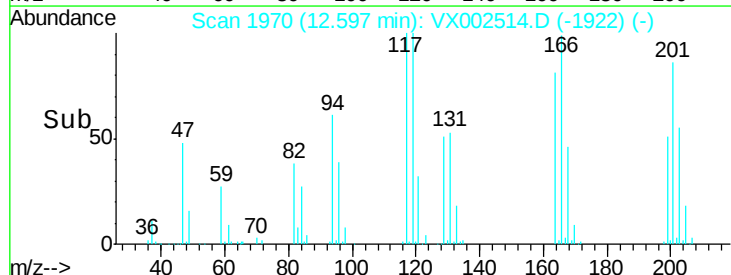
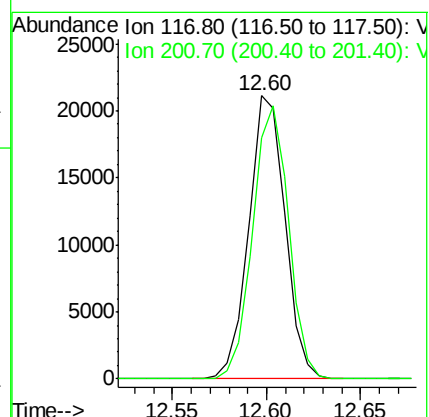
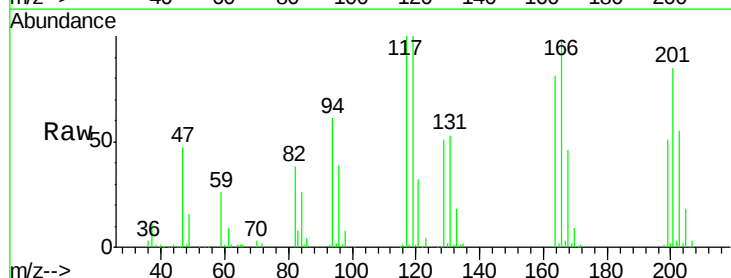
Acq: 13 Jun 2018 17:48

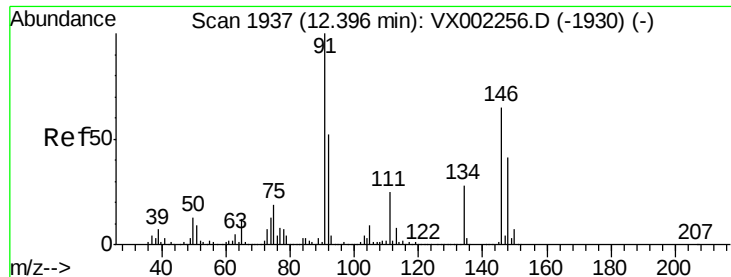
Tgt Ion: 117 Resp: 28196

Ion Ratio Lower Upper

117 100

201 95.0 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 18.28 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

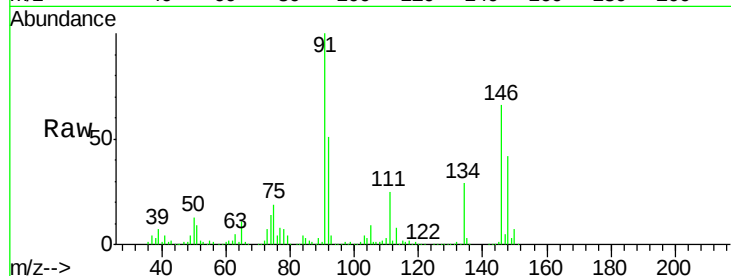
Tot Ion:146 Resp: 114910

Ion Ratio Lower Upper

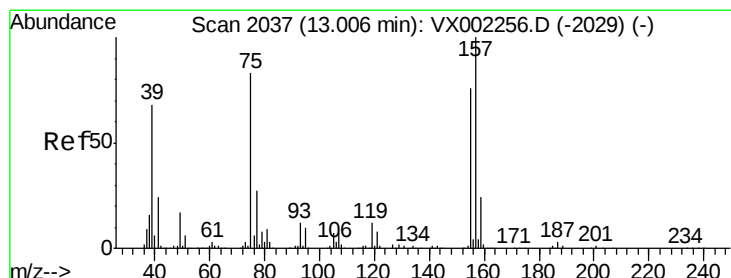
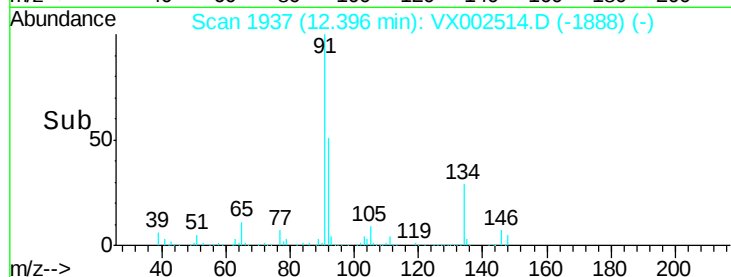
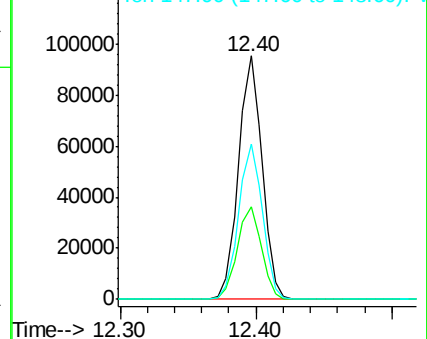
146 100

111 39.1 19.4 58.1

148 64.4 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.69 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002514.D

Acq: 13 Jun 2018 17:48

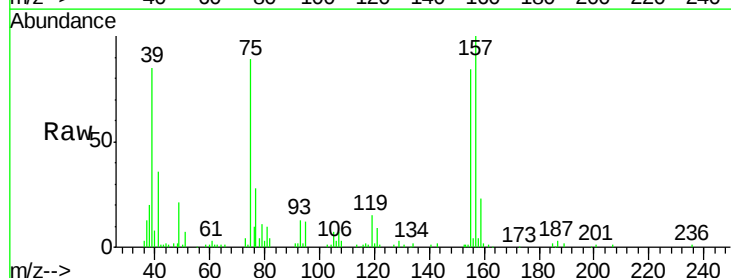
Tgt Ion: 75 Resp: 13893

Ion Ratio Lower Upper

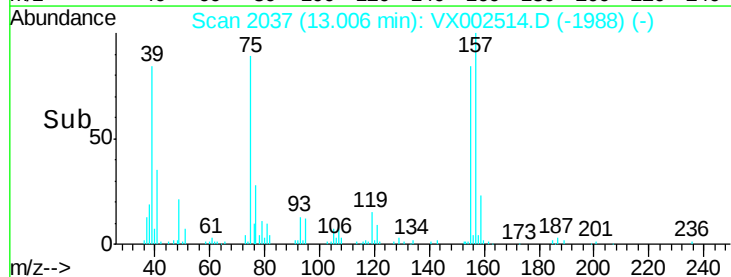
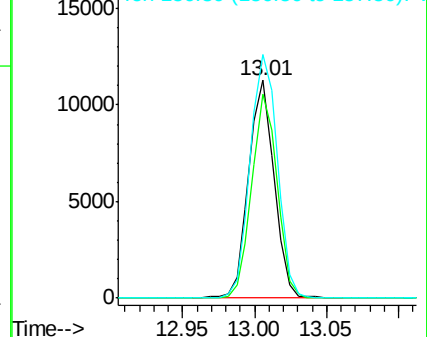
75 100

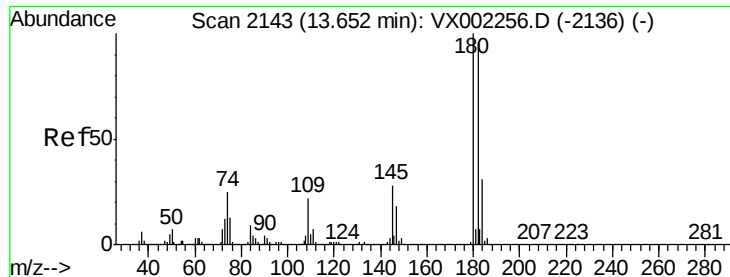
155 92.3 45.8 137.4

157 118.1 60.1 180.3



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

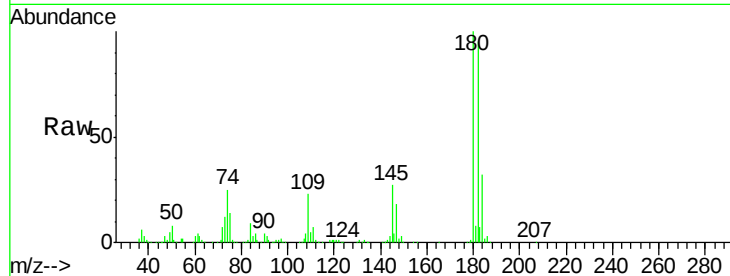




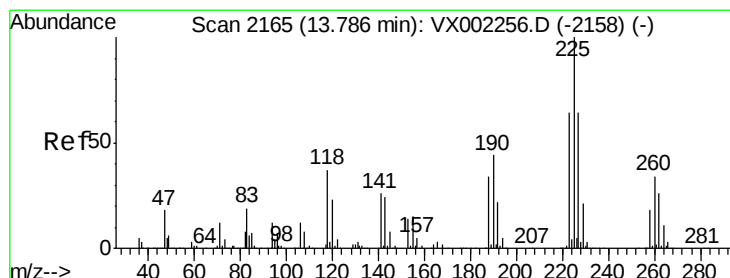
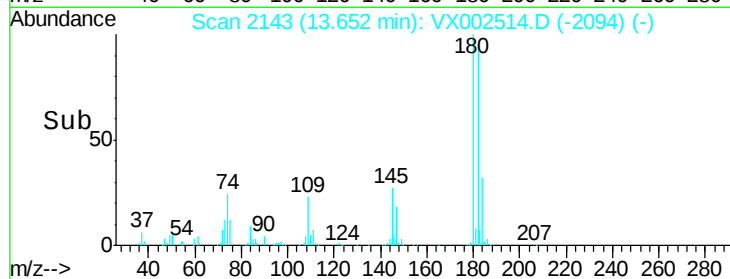
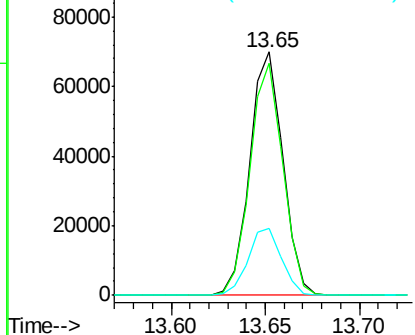
#93
 1,2,4-Trichlorobenzene
 Concen: 19.36 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 85313
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.7 143.1
 145 28.0 14.1 42.4

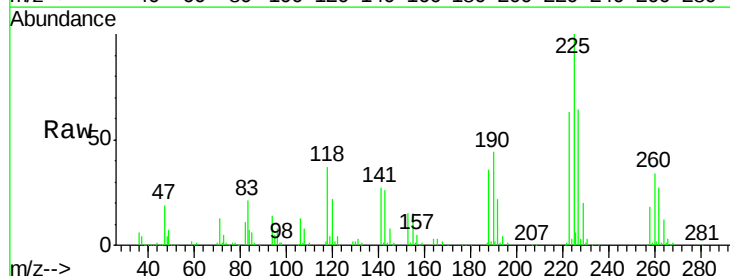


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

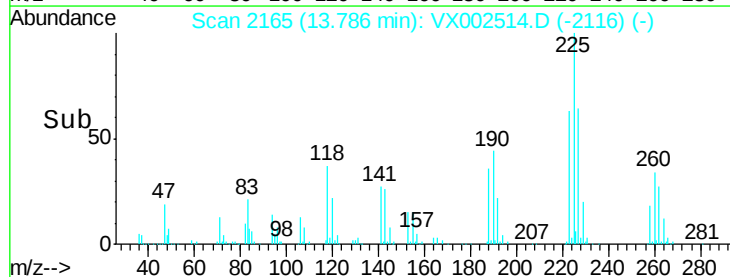
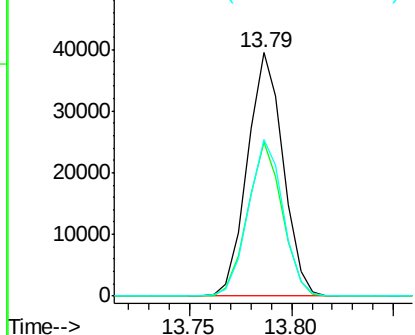


#94
 Hexachlorobutadiene
 Concen: 21.98 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002514.D
 Acq: 13 Jun 2018 17:48

Tgt Ion:225 Resp: 47867
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.6 95.0
 227 63.0 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

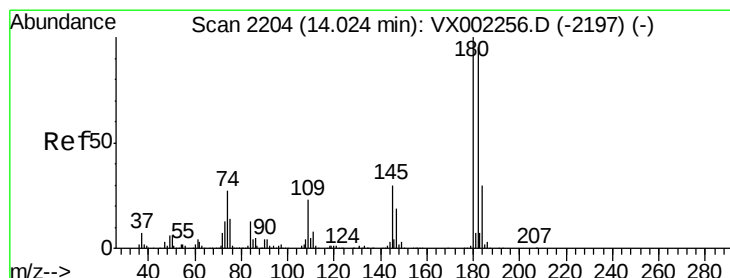
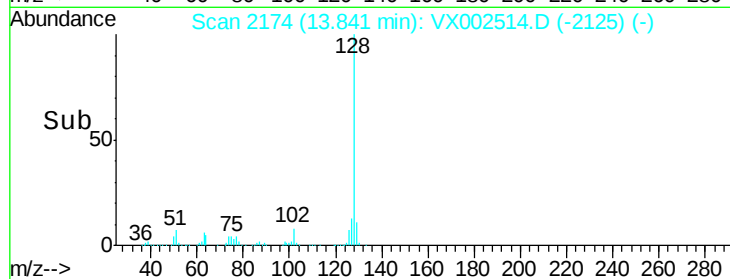
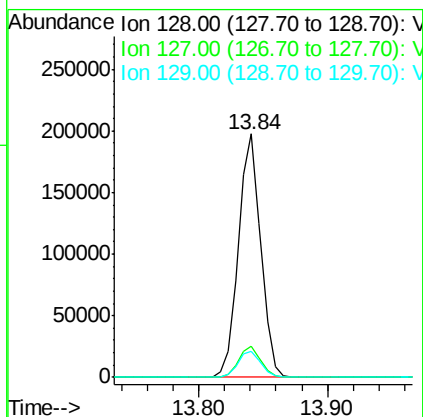
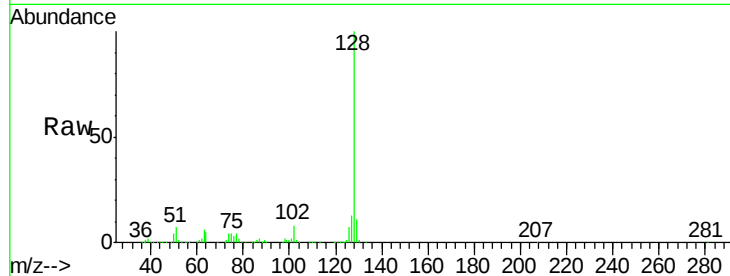




#95
Naphthalene
Concen: 18.72 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 237042
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.32 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002514.D
Acq: 13 Jun 2018 17:48

Tgt Ion:180 Resp: 86837
Ion Ratio Lower Upper
180 100
182 97.4 48.0 144.0
145 29.9 14.8 44.3

