

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002555.D
 Acq On : 14 Jun 2018 16:46
 Operator : JC/MD
 Sample : J3406-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 01:32:20 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	246451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366563	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	221493	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169456	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.51	113	134335	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	8.72	98	488849	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
62) 4-Bromofluorobenzene	11.14	95	190506	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107165	41.83	ug/l	99
3) Chloromethane	1.32	50	129206	43.65	ug/l	98
4) Vinyl Chloride	1.40	62	165576	51.28	ug/l	99
5) Bromomethane	1.64	94	83465	45.37	ug/l	99
6) Chloroethane	1.71	64	96899	46.39	ug/l	98
7) Trichlorofluoromethane	1.92	101	243551	49.51	ug/l	97
8) Diethyl Ether	2.19	74	95033	54.58	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	132473	49.90	ug/l	99
10) Methyl Iodide	2.51	142	165465	44.31	ug/l	98
11) Tert butyl alcohol	3.09	59	199992	279.20	ug/l	98
12) 1,1-Dichloroethene	2.37	96	125944	48.00	ug/l	98
13) Acrolein	2.29	56	57110	159.68	ug/l	98
14) Allyl chloride	2.73	41	246930	43.37	ug/l	100
15) Acrylonitrile	3.15	53	413924	277.01	ug/l	100
16) Acetone	2.45	43	394821	261.36	ug/l	100
17) Carbon Disulfide	2.57	76	287755	41.61	ug/l	99
18) Methyl Acetate	2.78	43	192173	54.68	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	509819	56.09	ug/l	99
20) Methylene Chloride	2.86	84	148369	53.43	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	137135	47.40	ug/l	97
22) Diisopropyl ether	3.88	45	489045	51.46	ug/l	100
23) Vinyl Acetate	3.83	43	2021897	219.05	ug/l	100
24) 1,1-Dichloroethane	3.70	63	263756	46.87	ug/l	99
25) 2-Butanone	4.71	43	568944	235.45	ug/l	96
26) 2,2-Dichloropropane	4.59	77	123017	27.97	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	186689	59.33	ug/l	90
28) Bromochloromethane	5.03	49	127281	53.42	ug/l	96
29) Tetrahydrofuran	5.17	42	371615	238.52	ug/l	99
30) Chloroform	5.22	83	262516	48.34	ug/l	99
31) Cyclohexane	5.58	56	203058	45.63	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	225271	48.92	ug/l	99
36) 1,1-Dichloropropene	5.80	75	179703	46.63	ug/l	99
37) Ethyl Acetate	4.87	43	217201	46.87	ug/l	99
38) Carbon Tetrachloride	5.78	117	195281	48.44	ug/l	99

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Quant Time: Jun 15 01:32:20 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	196251	41.27	ug/l	97
40) Benzene	6.15	78	552284	46.74	ug/l	99
41) Methacrylonitrile	5.07	41	126167	47.56	ug/l	99
42) 1,2-Dichloroethane	6.20	62	221221	47.12	ug/l	100
43) Isopropyl Acetate	6.47	43	371541	47.20	ug/l	100
44) Trichloroethene	7.21	130	155796	47.51	ug/l	97
45) 1,2-Dichloropropane	7.52	63	150605	47.21	ug/l	100
46) Dibromomethane	7.67	93	102962	47.61	ug/l	99
47) Bromodichloromethane	7.90	83	189497	48.45	ug/l	97
48) Methyl methacrylate	7.78	41	190690	48.23	ug/l	99
49) 1,4-Dioxane	7.76	88	74805	1011.84	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1210109	246.86	ug/l	99
52) Toluene	8.79	92	363479	48.37	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	208541	44.46	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	199769	45.15	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	149115	48.24	ug/l	99
56) Ethyl methacrylate	9.18	69	241539	48.95	ug/l	98
57) 1,3-Dichloropropane	9.38	76	249208	48.06	ug/l	99
59) 2-Hexanone	9.50	43	935409	247.05	ug/l	99
60) Dibromochloromethane	9.59	129	158766	51.07	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158659	49.23	ug/l	100
64) Tetrachloroethene	9.34	164	146318	40.37	ug/l	99
65) Chlorobenzene	10.14	112	418838	47.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	156613	49.47	ug/l	100
67) Ethyl Benzene	10.26	91	711820	48.64	ug/l	99
68) m/p-Xylenes	10.37	106	544791	95.77	ug/l	99
69) o-Xylene	10.70	106	273508	48.32	ug/l	98
70) Styrene	10.71	104	454978	49.17	ug/l	99
71) Bromoform	10.86	173	126136	44.87	ug/l	# 98
73) Isopropylbenzene	11.02	105	733984	47.64	ug/l	100
74) N-amyl acetate	6.47	43	371541	44.75	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	238539	49.22	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	260713	53.64	ug/l	79
77) Bromobenzene	11.26	156	205833	47.58	ug/l	99
78) n-propylbenzene	11.37	91	835828	48.81	ug/l	99
79) 2-Chlorotoluene	11.43	91	499196	46.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	621356	47.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	51823	37.38	ug/l	98
82) 4-Chlorotoluene	11.51	91	589542	47.23	ug/l	99
83) tert-Butylbenzene	11.77	119	642367	49.91	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	643506	47.30	ug/l	99
85) sec-Butylbenzene	11.95	105	744416	49.34	ug/l	99
86) p-Isopropyltoluene	12.07	119	674756	49.10	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	372049	48.10	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	381165	47.81	ug/l	99
89) n-Butylbenzene	12.39	91	580672	50.38	ug/l	100
90) Hexachloroethane	12.60	117	107265	48.90	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	381745	47.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55784	52.64	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	283998	50.61	ug/l	100

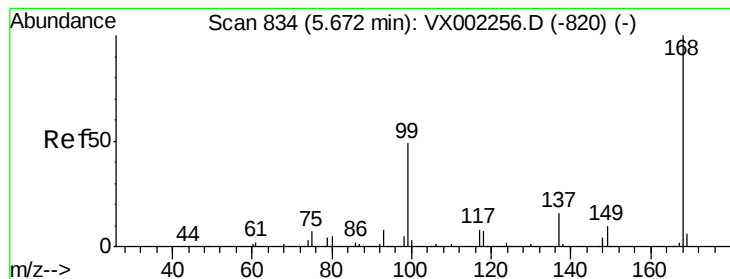
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	135338	48.81	ug/l	99
95) Naphthalene	13.84	128	831895	51.60	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	289435	50.58	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

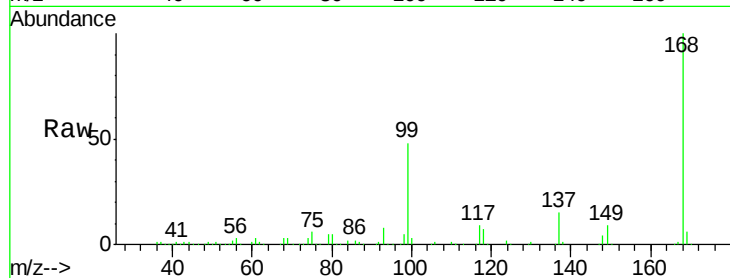
ClientSampleId :

Tot Ion:168 Resp: 246451

Ion Ratio Lower Upper

168 100

99 47.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

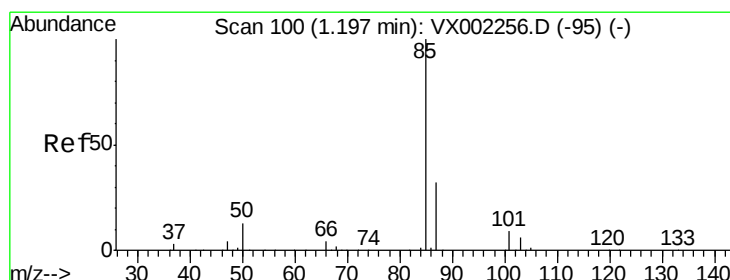
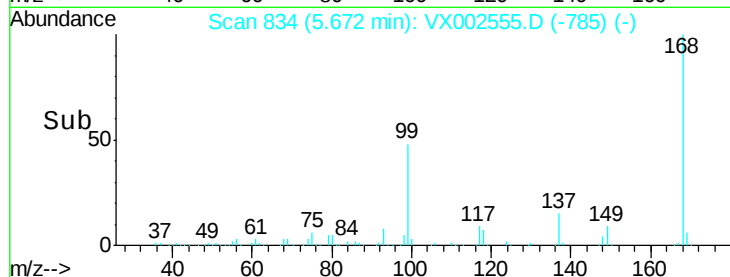
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.83 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002555.D

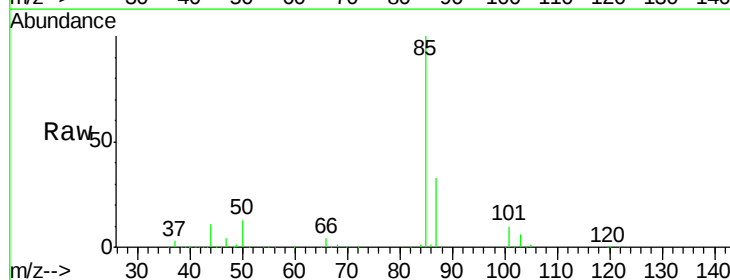
Acq: 14 Jun 2018 16:46

Tgt Ion: 85 Resp: 107165

Ion Ratio Lower Upper

85 100

87 32.6 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

120000

100000

80000

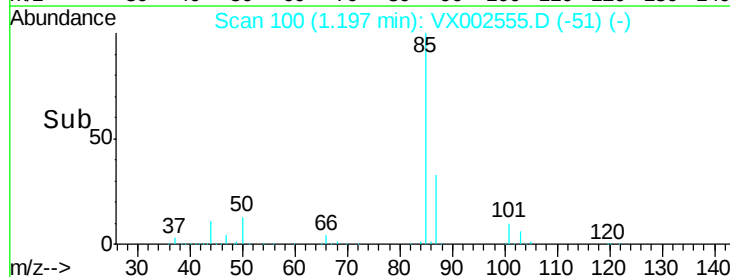
60000

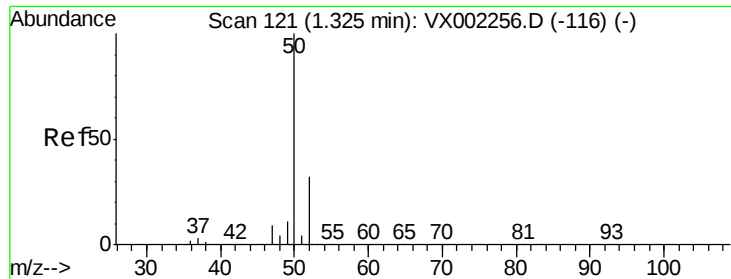
40000

20000

0

Time--> 1.10 1.15 1.20 1.25 1.30

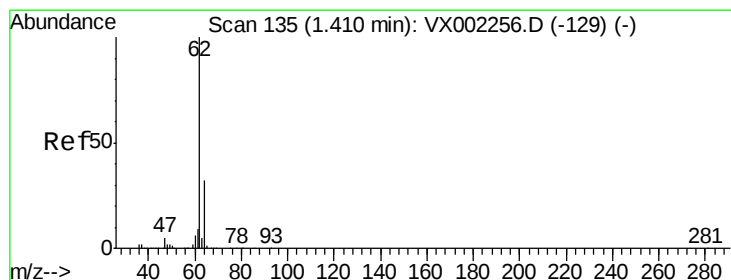
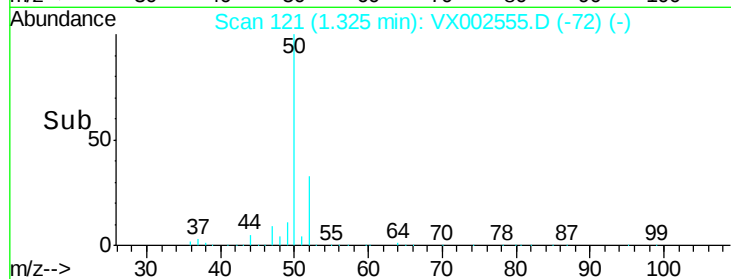
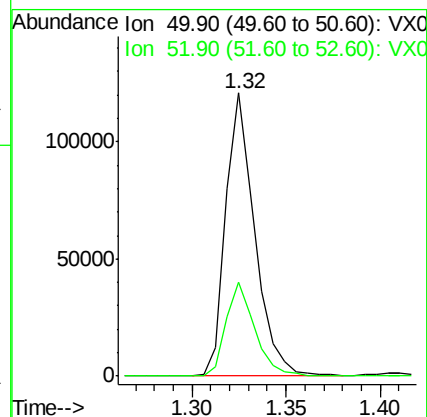
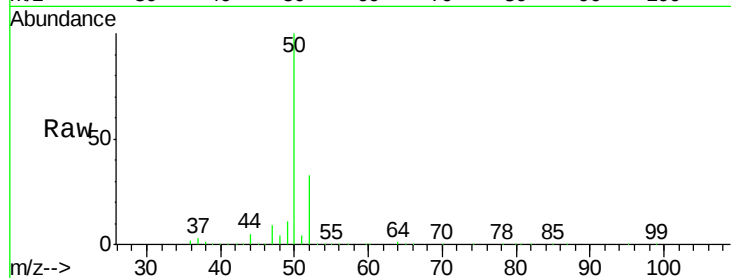




#3
Chloromethane
Concen: 43.65 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

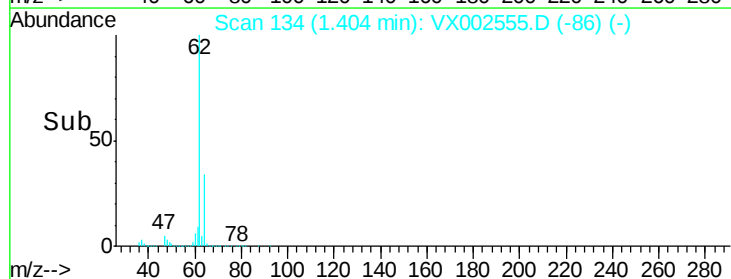
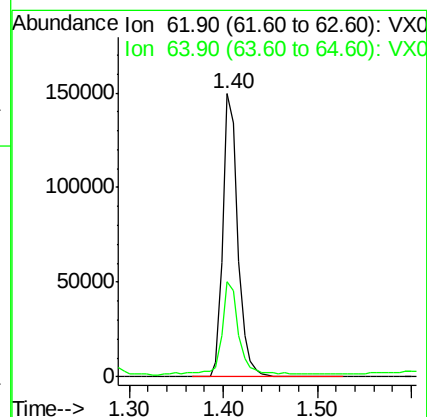
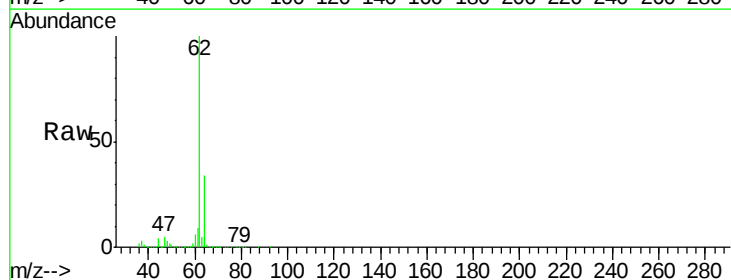
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 129206
Ion Ratio Lower Upper
50 100
52 33.3 25.7 38.5



#4
Vinyl Chloride
Concen: 51.28 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion: 62 Resp: 165576
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.2





#5

Bromomethane

Concen: 45.37 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

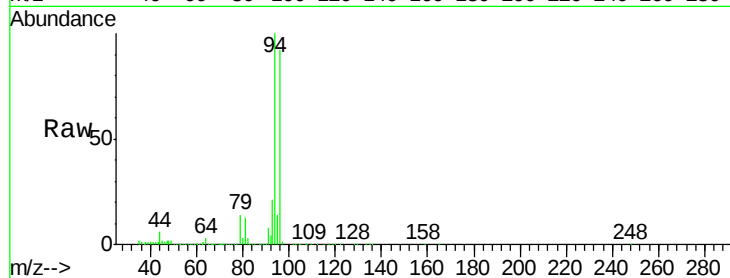
ClientSampleId :

Tot Ion: 94 Resp: 83465

Ion Ratio Lower Upper

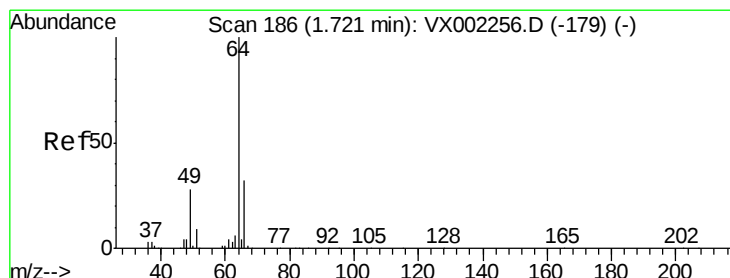
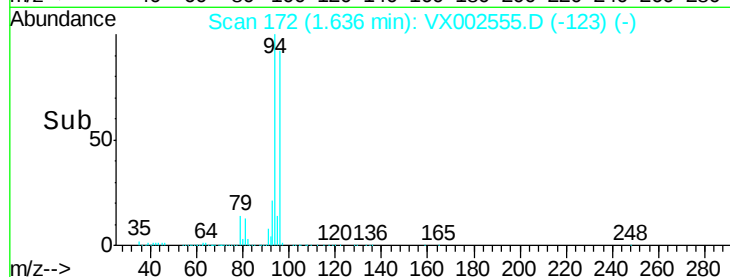
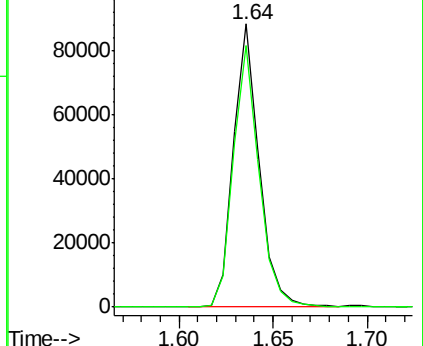
94 100

96 92.4 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: 46.39 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002555.D

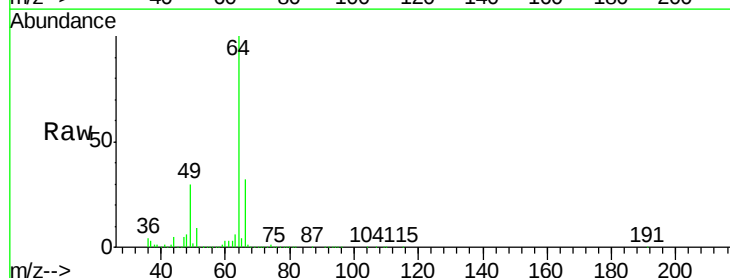
Acq: 14 Jun 2018 16:46

Tgt Ion: 64 Resp: 96899

Ion Ratio Lower Upper

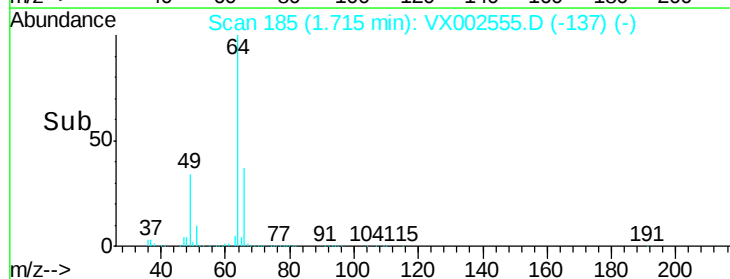
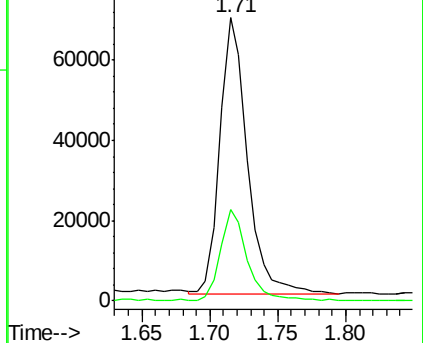
64 100

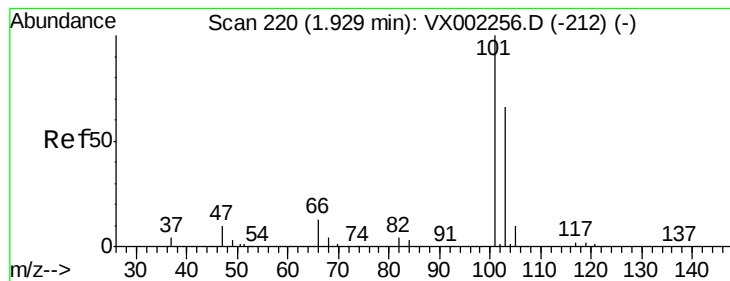
66 32.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 49.51 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

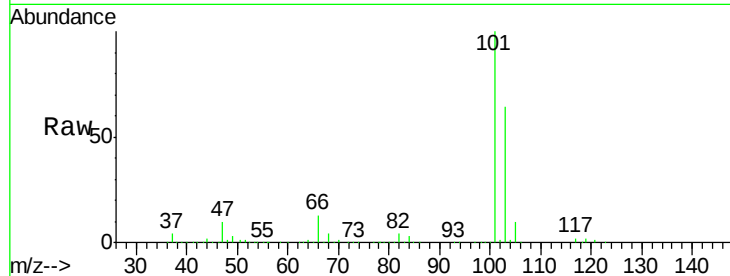
ClientSampleId :

Tot Ion:101 Resp: 243551

Ion Ratio Lower Upper

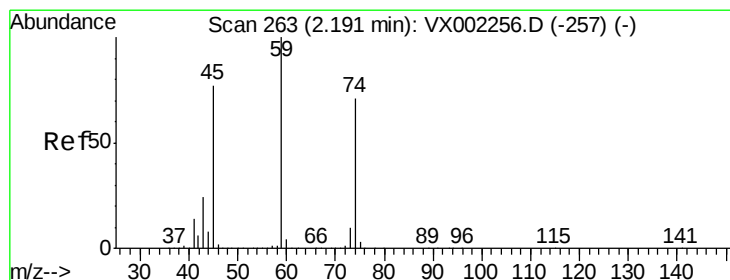
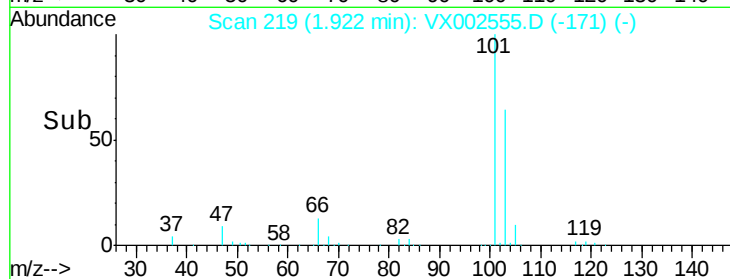
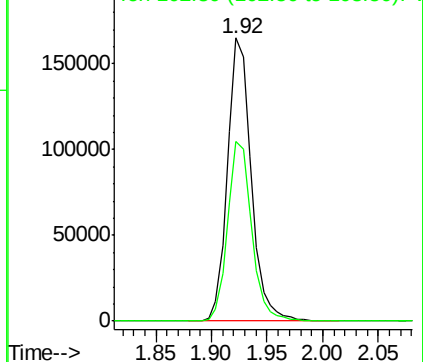
101 100

103 63.7 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 54.58 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002555.D

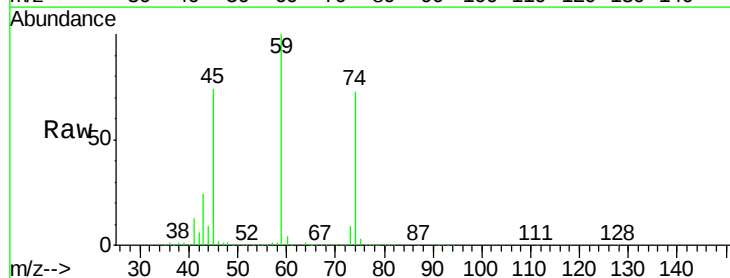
Acq: 14 Jun 2018 16:46

Tgt Ion: 74 Resp: 95033

Ion Ratio Lower Upper

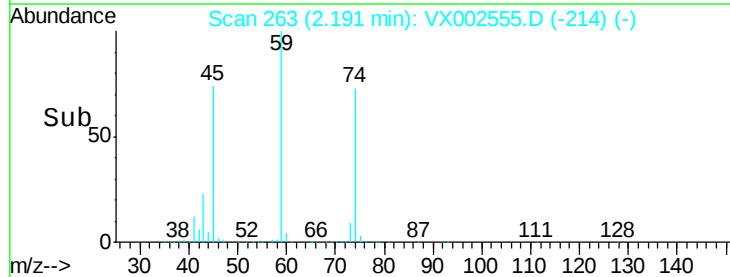
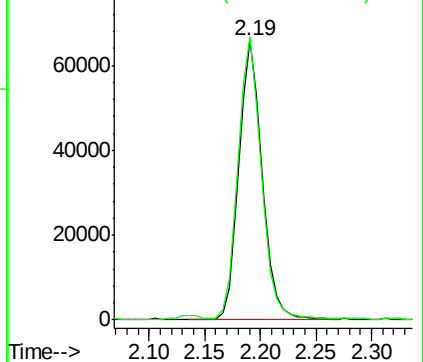
74 100

45 100.9 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.90 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

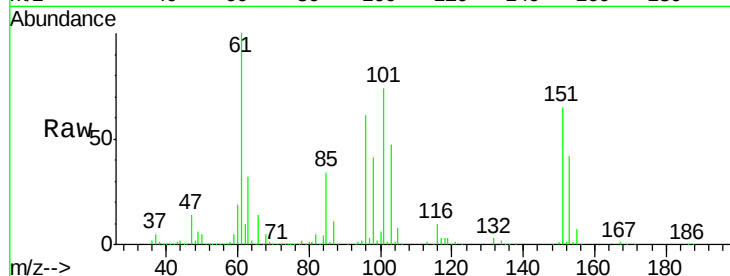
Tot Ion:101 Resp: 132473

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

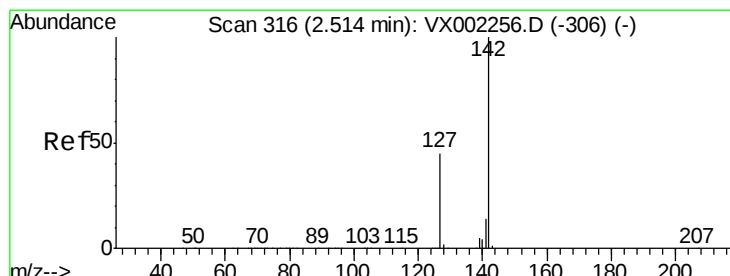
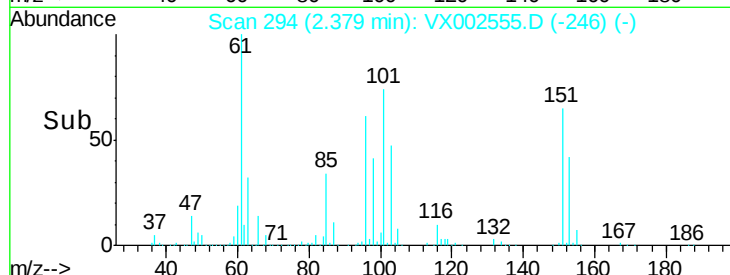
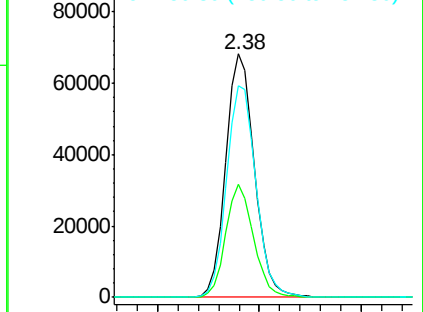
151 89.2 70.9 106.3



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: 44.31 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

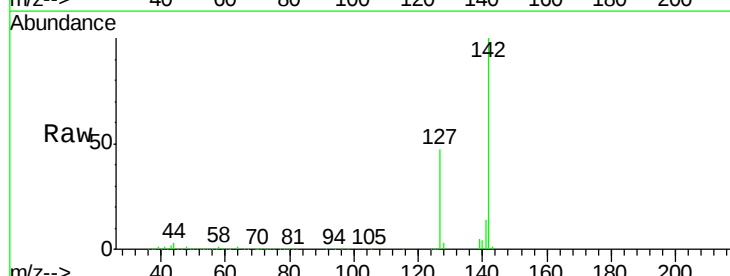
Tgt Ion:142 Resp: 165465

Ion Ratio Lower Upper

142 100

127 47.0 36.6 55.0

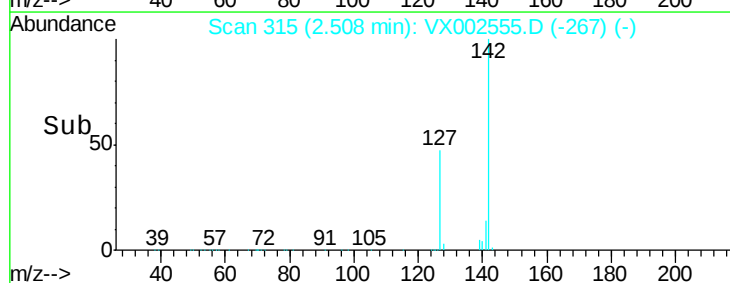
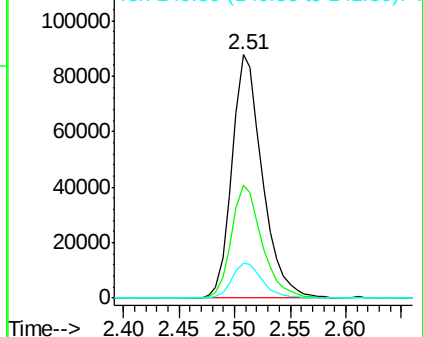
141 14.6 11.3 16.9

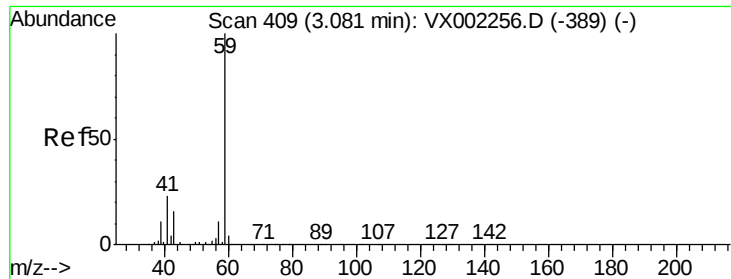


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

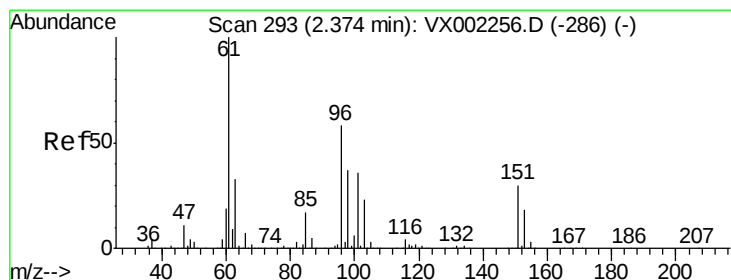
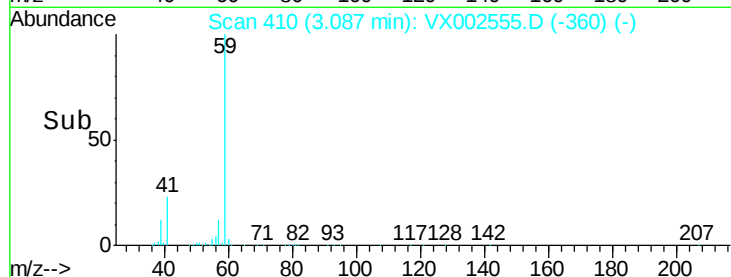
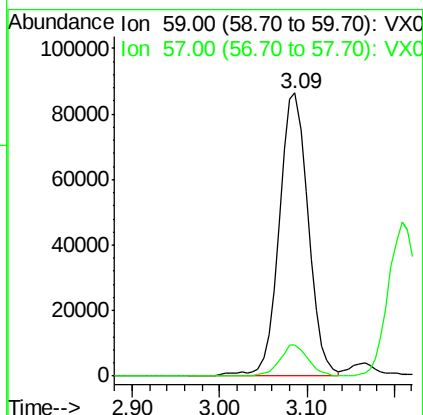
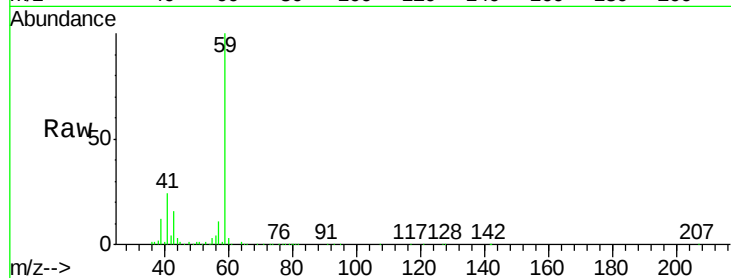




#11
Tert butyl alcohol
Concen: 279.20 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

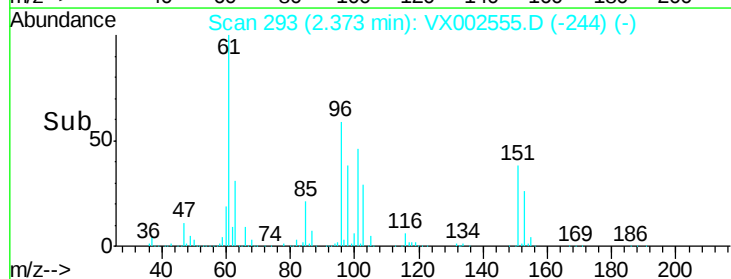
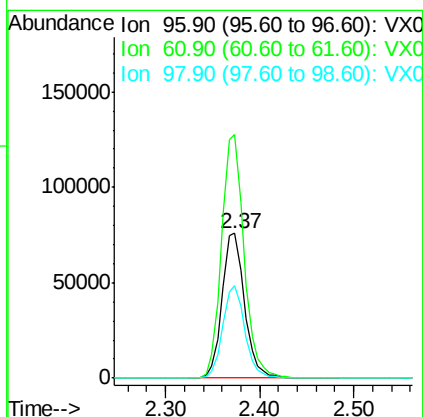
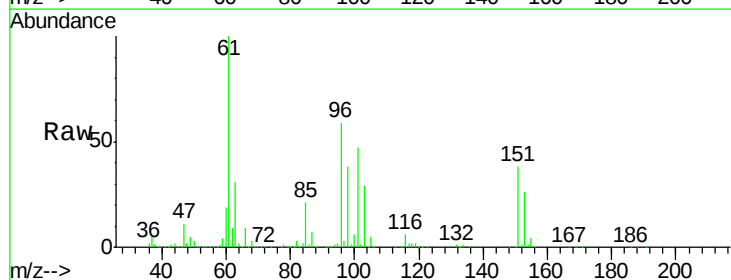
Instrument :
MSVOA_X
ClientSampleId :

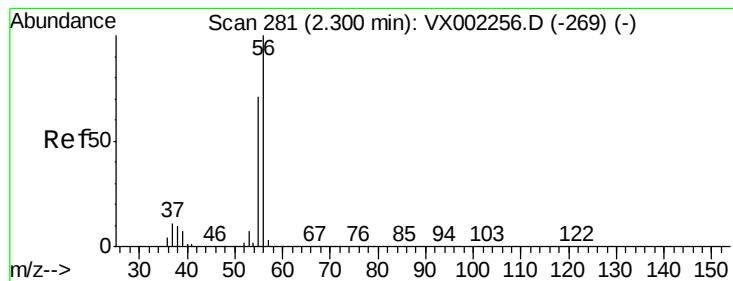
Tot Ion: 59 Resp: 199992
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.00 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion: 96 Resp: 125944
Ion Ratio Lower Upper
96 100
61 168.2 137.9 206.9
98 63.9 51.6 77.4





#13

Acrolein

Concen: 159.68 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

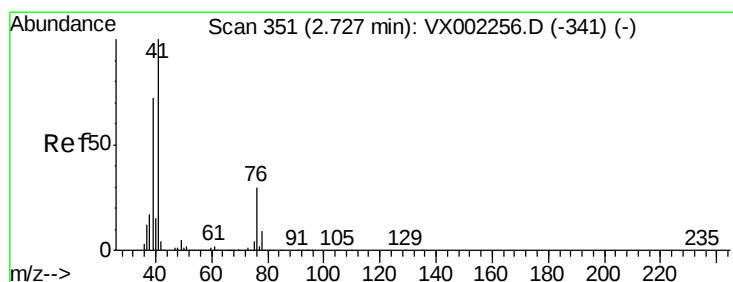
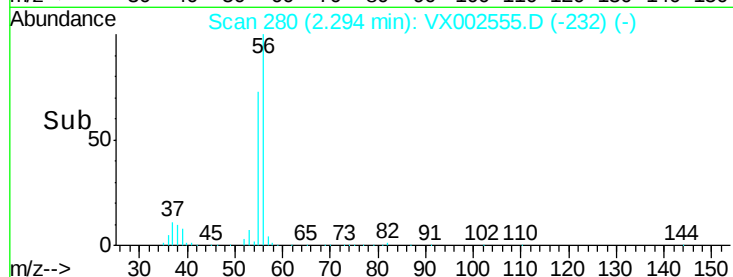
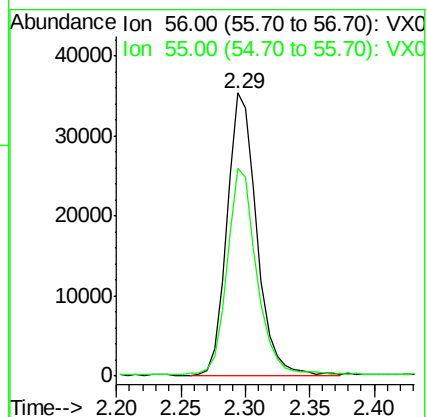
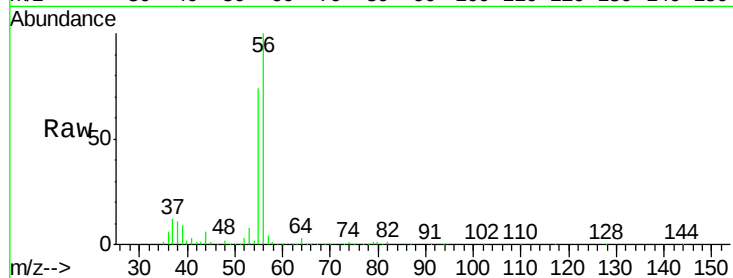
ClientSampleId :

Tot Ion: 56 Resp: 57110

Ion Ratio Lower Upper

56 100

55 72.5 57.0 85.4



#14

Allyl chloride

Concen: 43.37 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

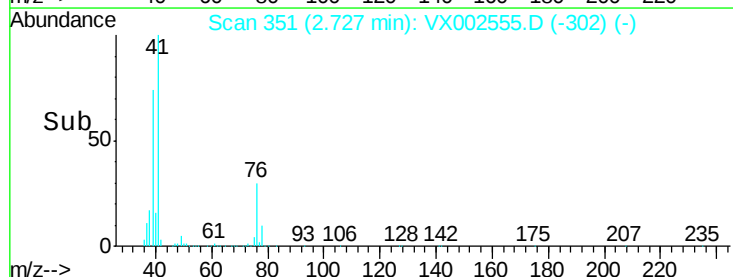
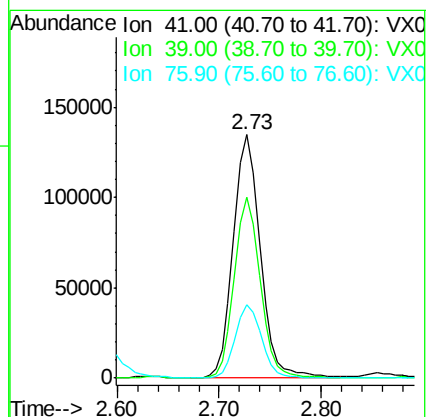
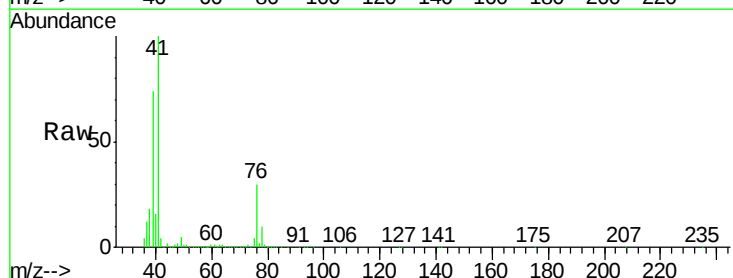
Tgt Ion: 41 Resp: 246930

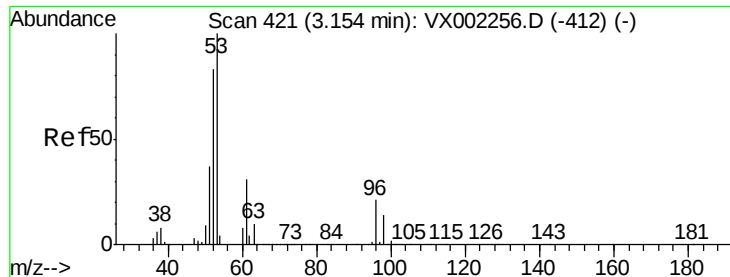
Ion Ratio Lower Upper

41 100

39 71.0 56.8 85.2

76 29.0 23.8 35.8





#15

Acrylonitrile

Concen: 277.01 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampled :

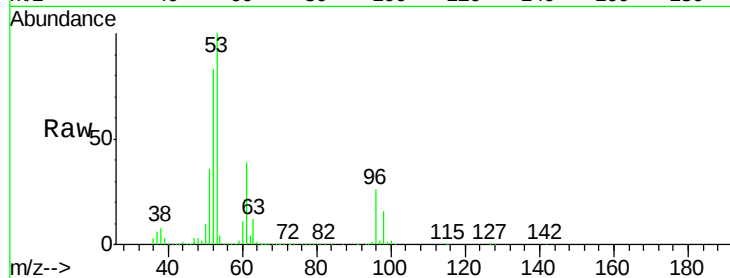
Tot Ion: 53 Resp: 413924

Ion Ratio Lower Upper

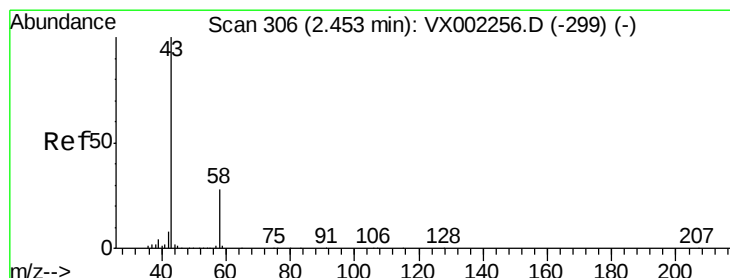
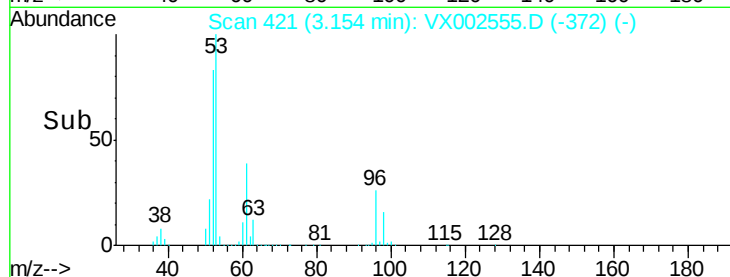
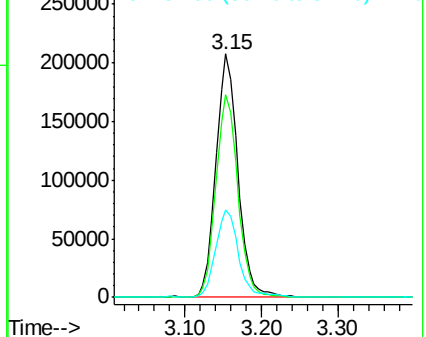
53 100

52 83.3 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: 261.36 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002555.D

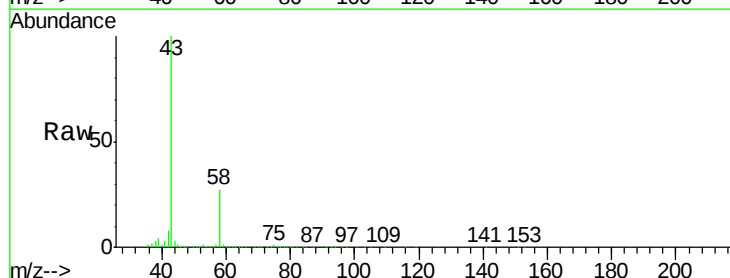
Acq: 14 Jun 2018 16:46

Tgt Ion: 43 Resp: 394821

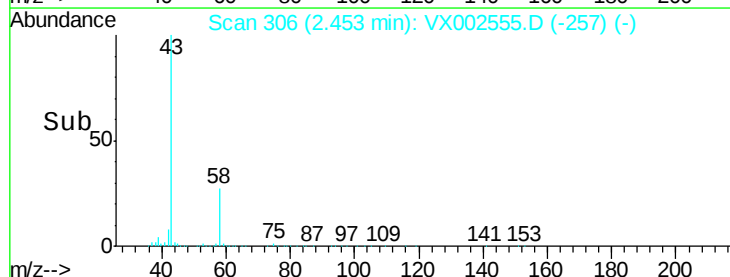
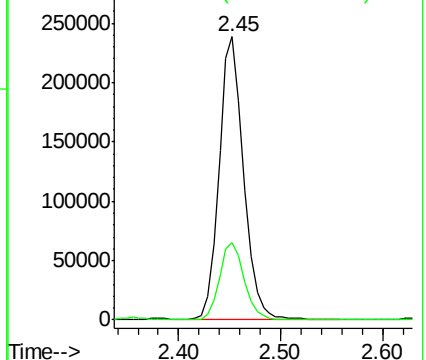
Ion Ratio Lower Upper

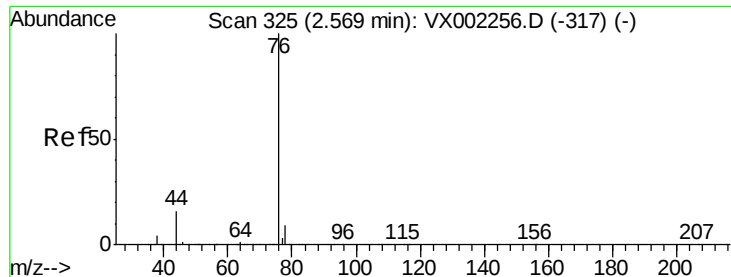
43 100

58 27.4 22.1 33.1



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

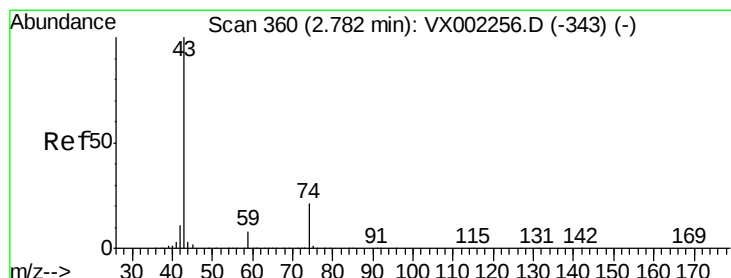
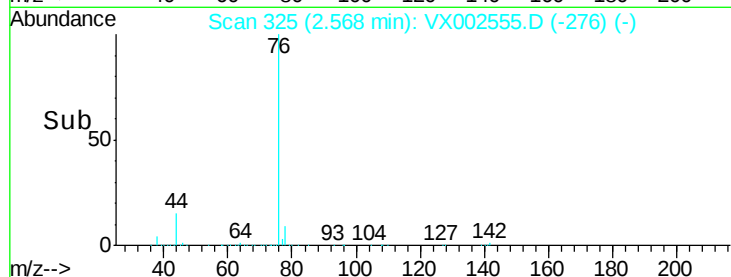
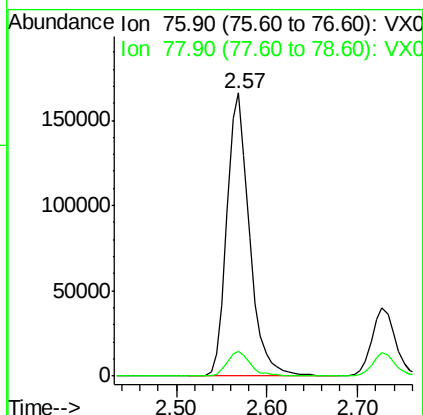
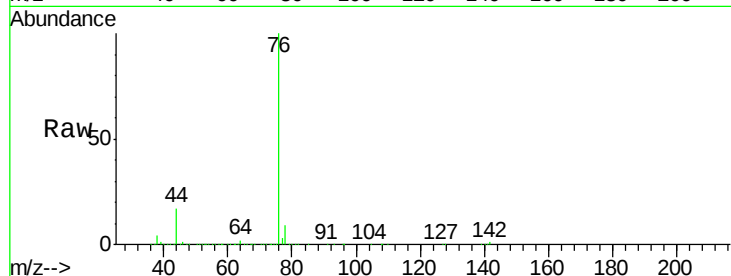




#17
Carbon Disulfide
Concen: 41.61 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

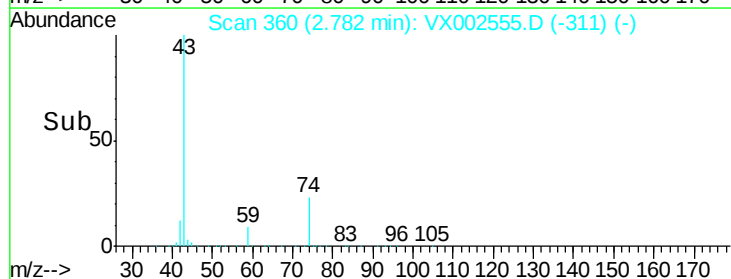
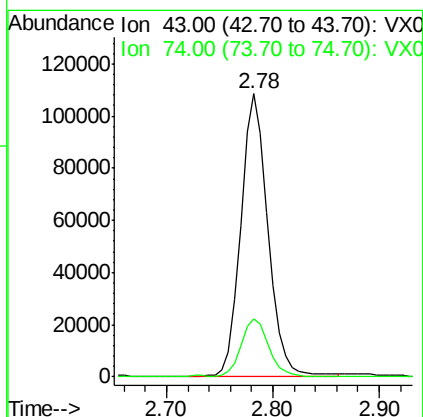
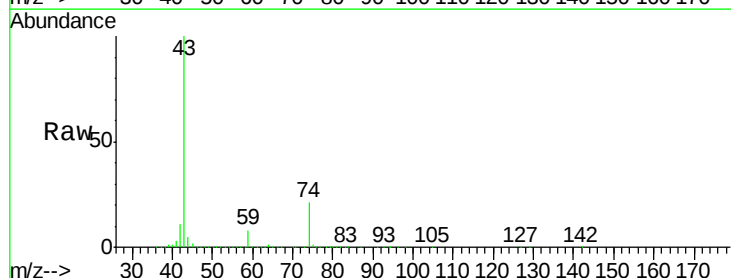
Instrument :
MSVOA_X
ClientSampleId :

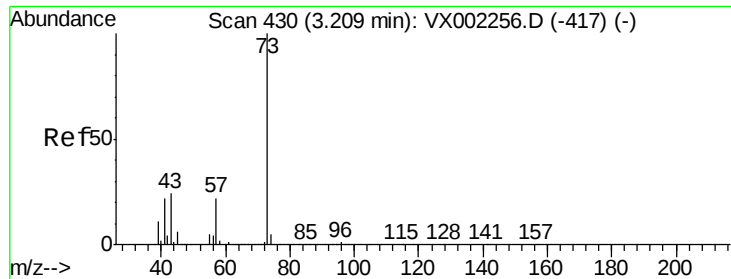
Tot Ion: 76 Resp: 287755
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 54.68 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion: 43 Resp: 192173
Ion Ratio Lower Upper
43 100
74 20.7 16.7 25.1



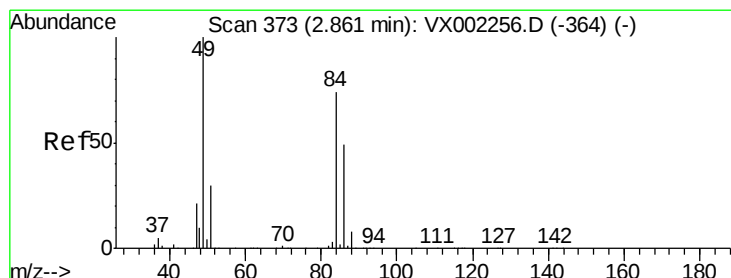
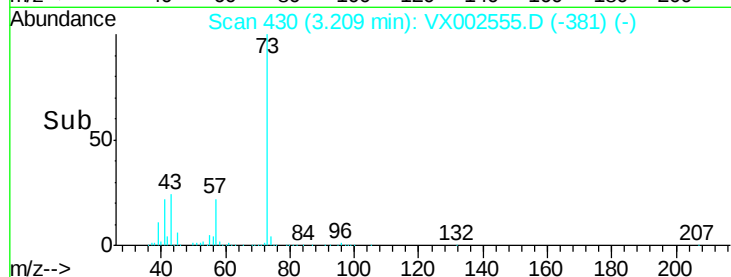
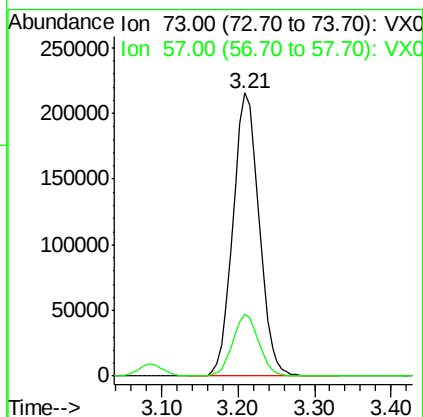
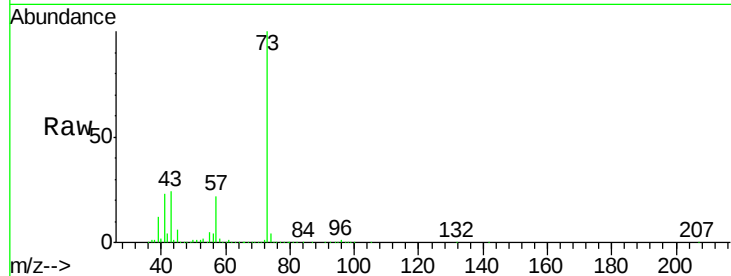


#19

Methyl tert-butyl Ether
 Concen: 56.09 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Instrument :
 MSVOA_X
 ClientSampleId :

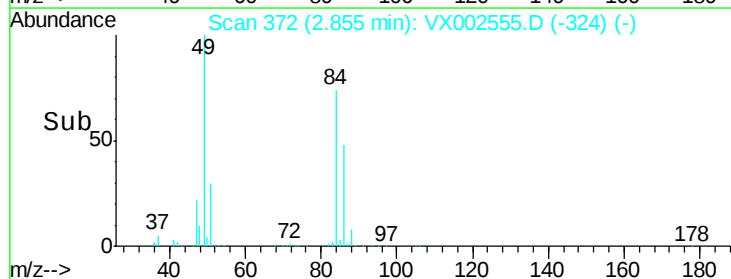
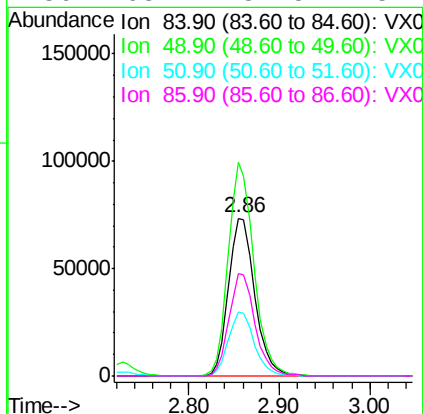
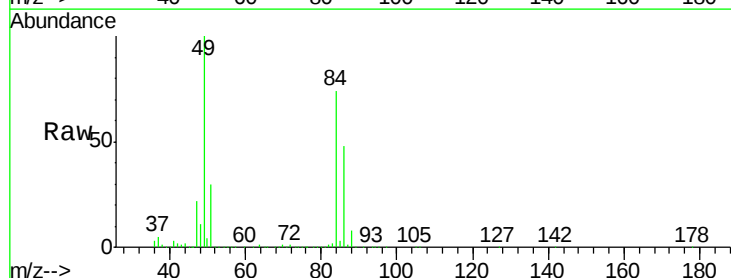
Tot Ion: 73 Resp: 509819
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.7 26.5

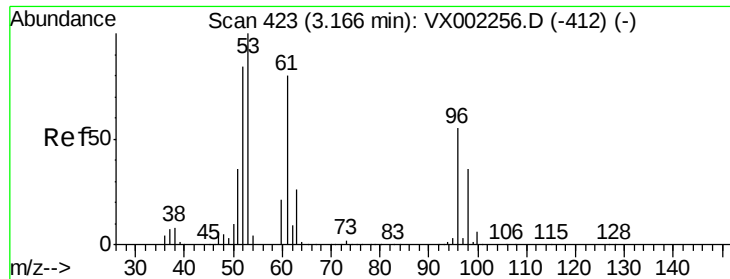


#20

Methylene Chloride
 Concen: 53.43 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion: 84 Resp: 148369
 Ion Ratio Lower Upper
 84 100
 49 135.2 107.8 161.6
 51 40.7 32.8 49.2
 86 65.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.40 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

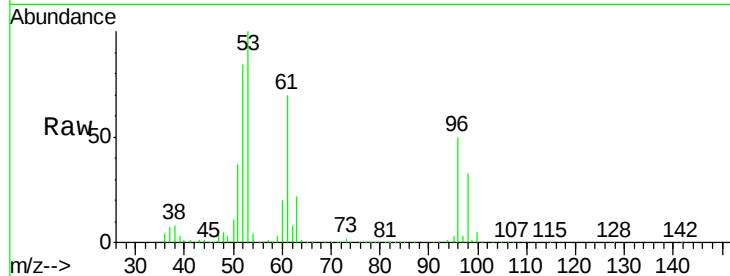
Tot Ion: 96 Resp: 137135

Ion Ratio Lower Upper

96 100

61 140.3 117.0 175.4

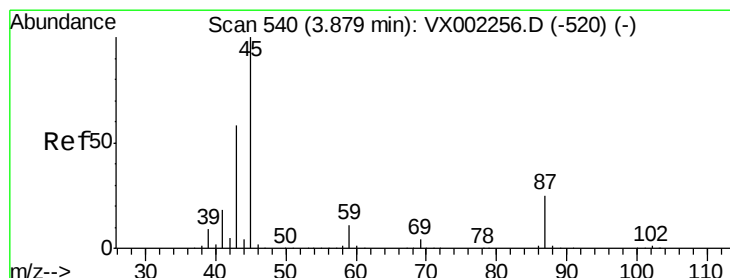
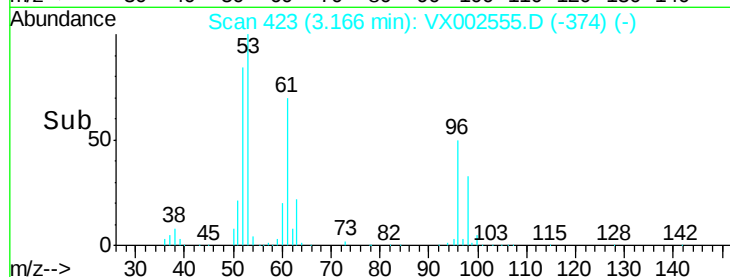
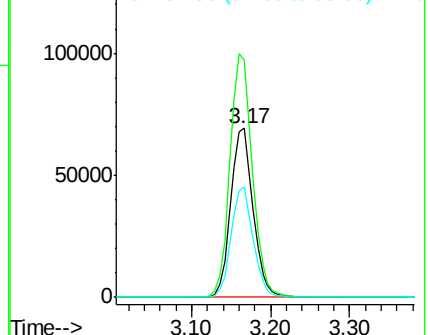
98 65.1 52.4 78.6



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: 51.46 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Tgt Ion: 45 Resp: 489045

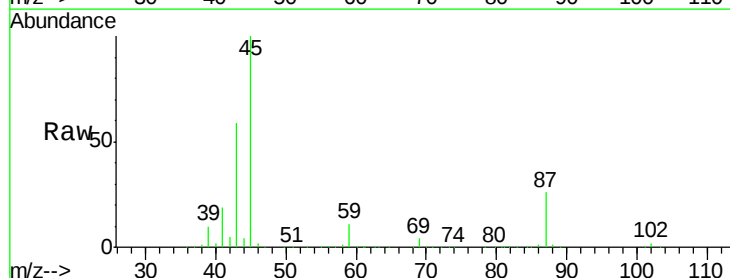
Ion Ratio Lower Upper

45 100

43 58.4 46.8 70.2

87 25.9 20.2 30.4

59 10.9 8.7 13.1

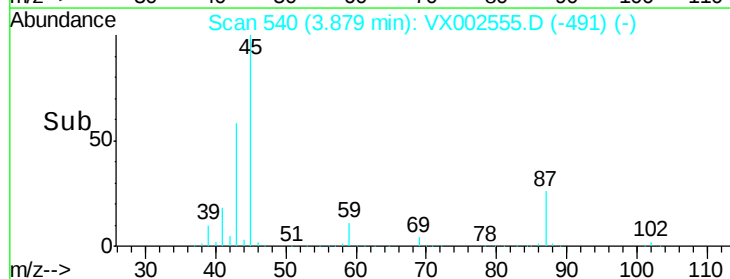
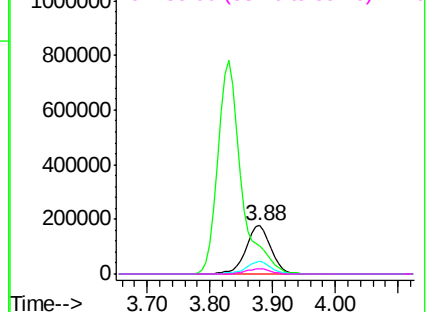


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 219.05 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

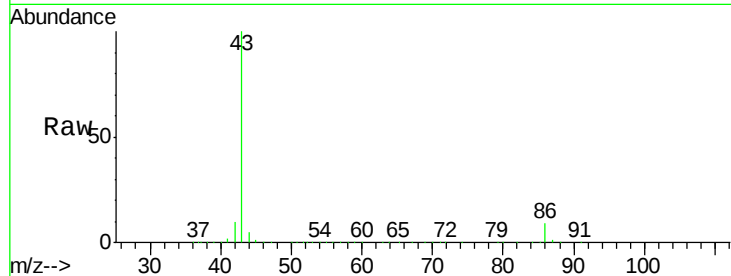
ClientSampleId :

Tot Ion: 43 Resp: 2021897

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

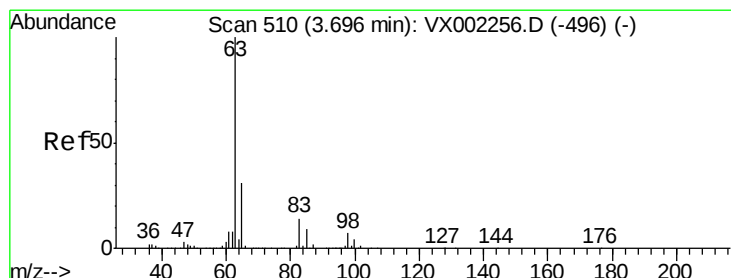
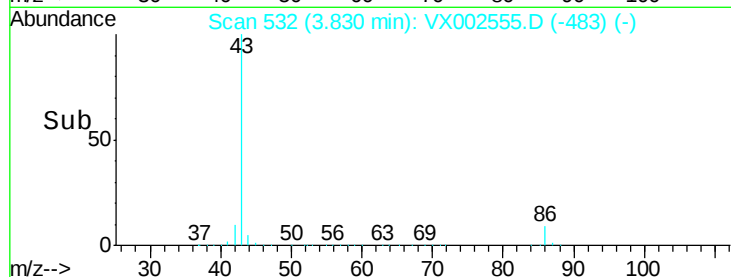
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.87 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

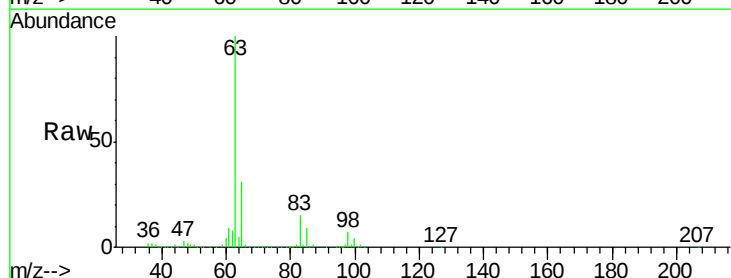
Tgt Ion: 63 Resp: 263756

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

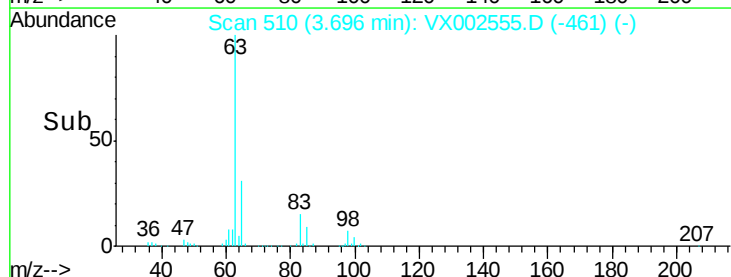
150000

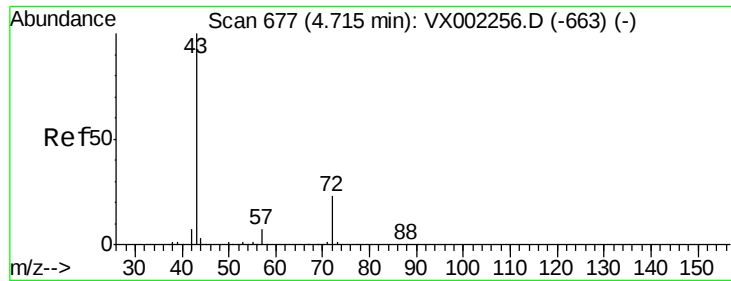
100000

50000

0

Time-->





#25

2-Butanone

Concen: 235.45 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

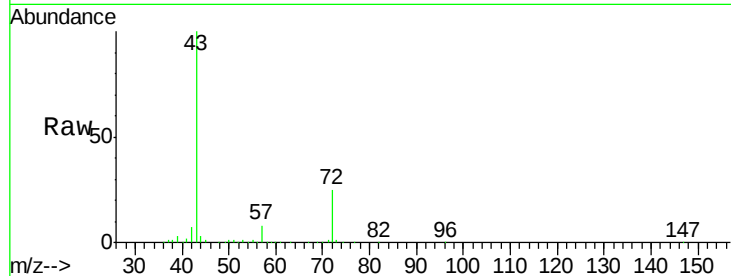
ClientSampleId :

Tot Ion: 43 Resp: 568944

Ion Ratio Lower Upper

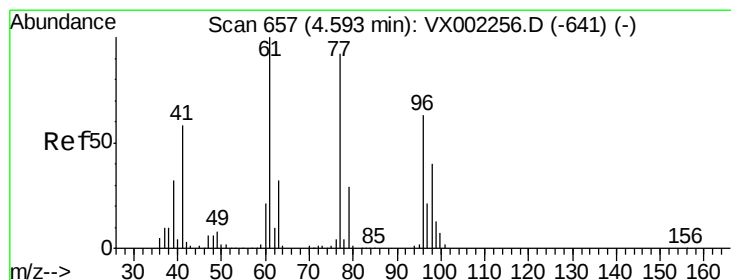
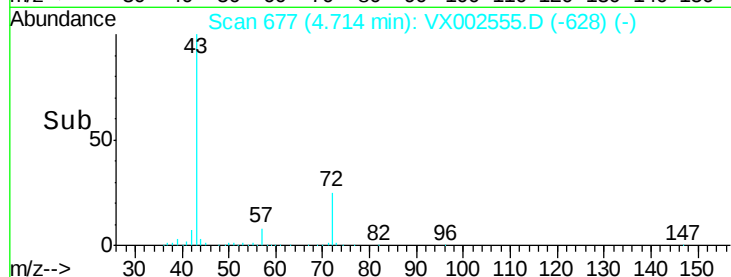
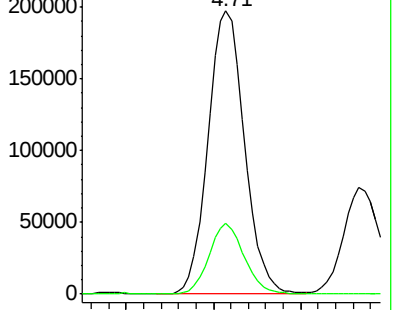
43 100

72 24.9 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: 27.97 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002555.D

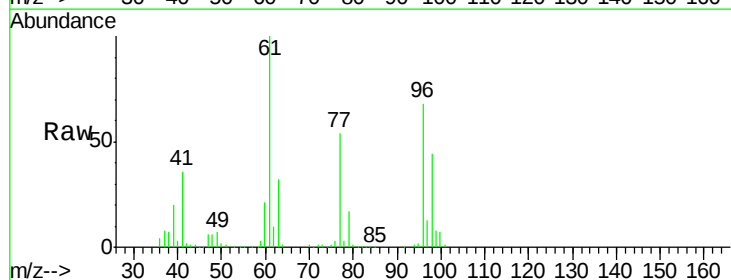
Acq: 14 Jun 2018 16:46

Tgt Ion: 77 Resp: 123017

Ion Ratio Lower Upper

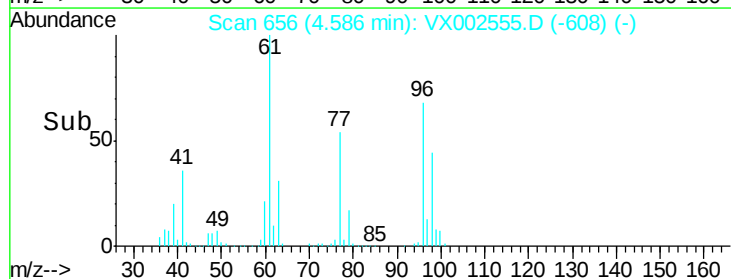
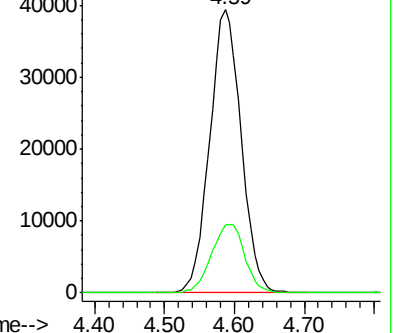
77 100

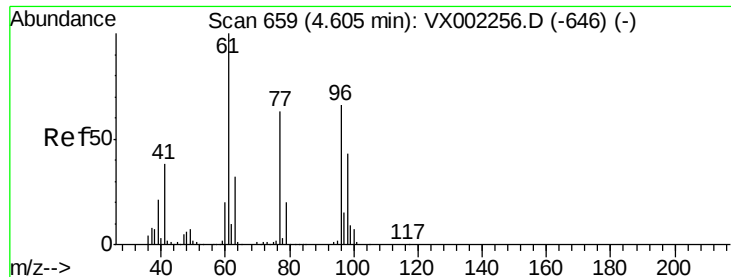
97 25.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



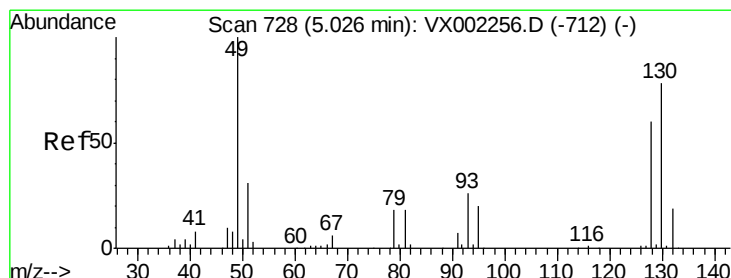
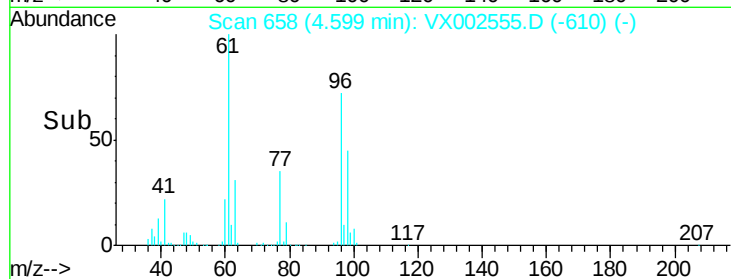
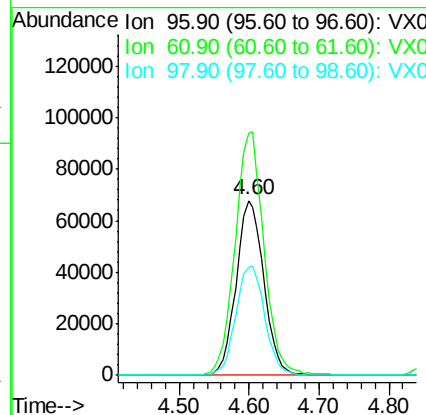
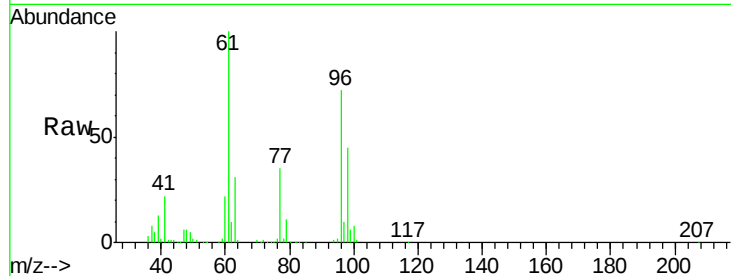


#27

cis-1,2-Dichloroethene
Concen: 59.33 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

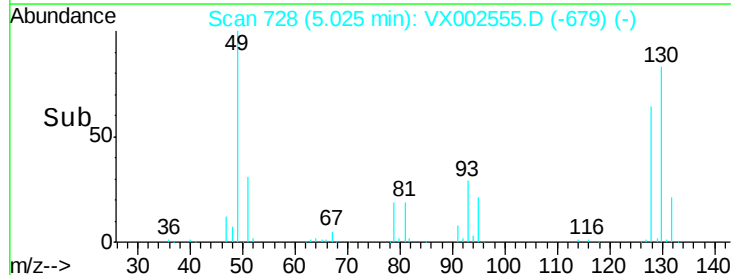
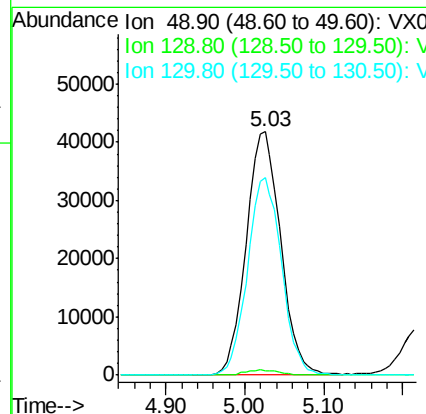
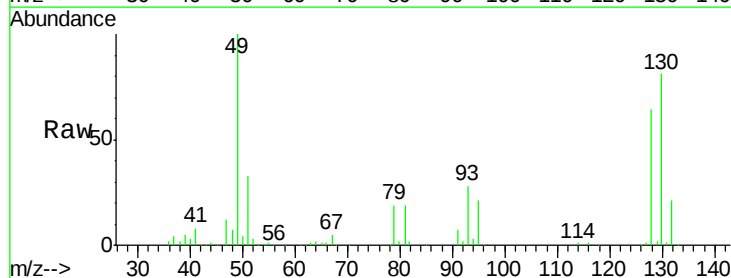
Tot Ion: 96 Resp: 186689
Ion Ratio Lower Upper
96 100
61 146.2 0.0 330.2
98 65.2 0.0 130.2

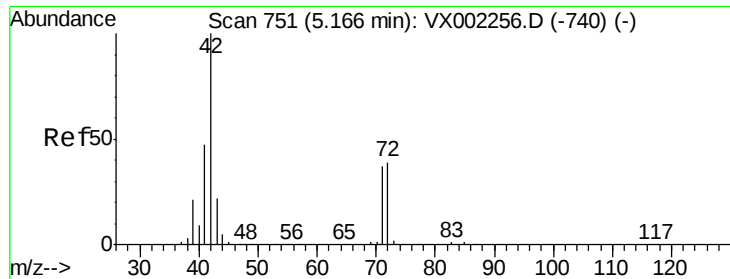


#28

Bromochloromethane
Concen: 53.42 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion: 49 Resp: 127281
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 79.8 61.2 91.8





#29

Tetrahydrofuran

Concen: 238.52 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

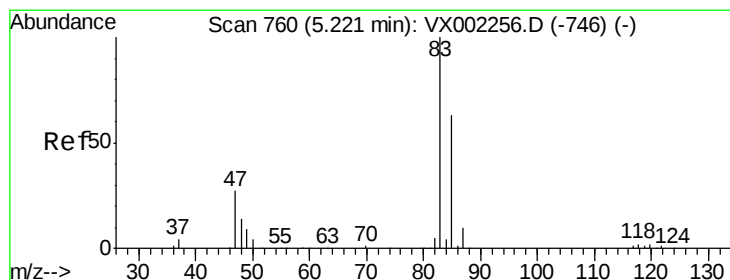
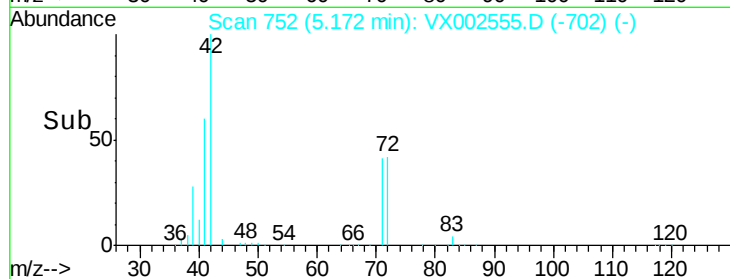
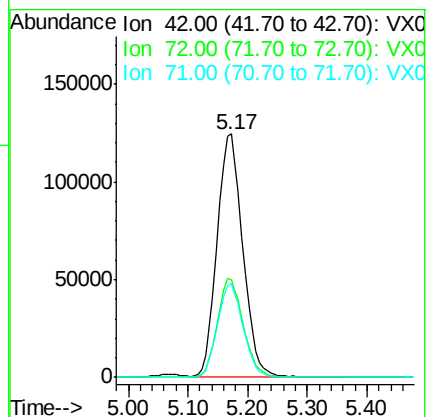
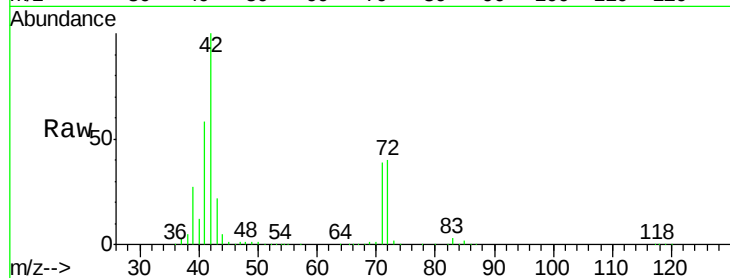
Tot Ion: 42 Resp: 371615

Ion Ratio Lower Upper

42 100

72 41.0 32.0 48.0

71 38.4 30.1 45.1



#30

Chloroform

Concen: 48.34 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002555.D

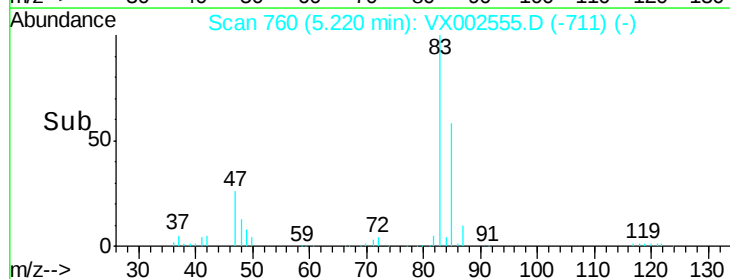
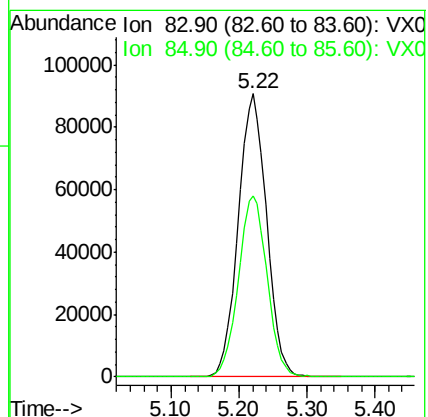
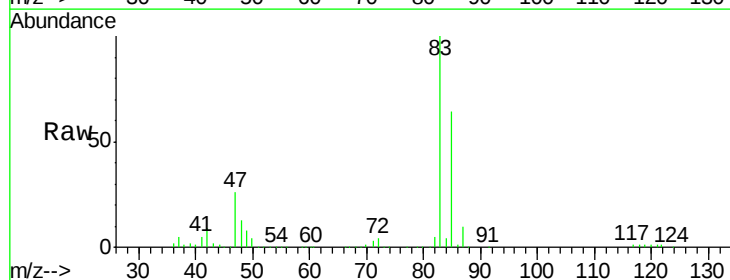
Acq: 14 Jun 2018 16:46

Tgt Ion: 83 Resp: 262516

Ion Ratio Lower Upper

83 100

85 63.9 50.4 75.6





#31

Cyclohexane

Concen: 45.63 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

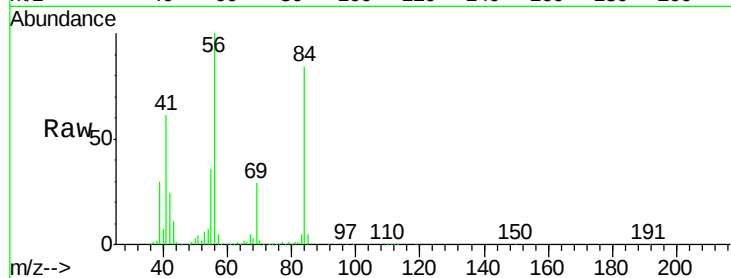
Tot Ion: 56 Resp: 203058

Ion Ratio Lower Upper

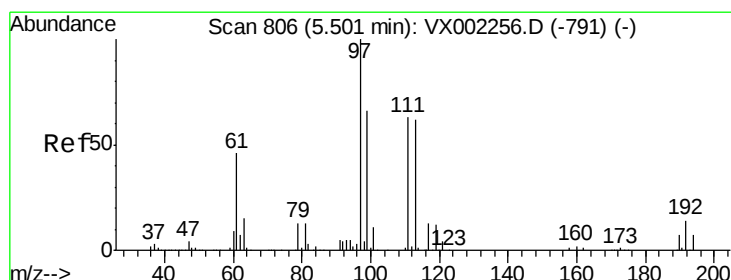
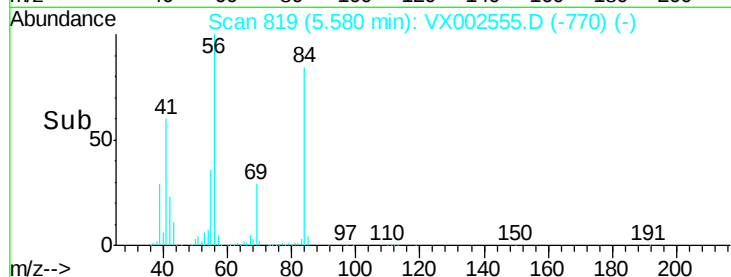
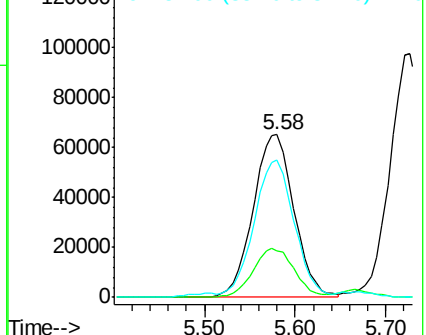
56 100

69 29.0 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: 48.92 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

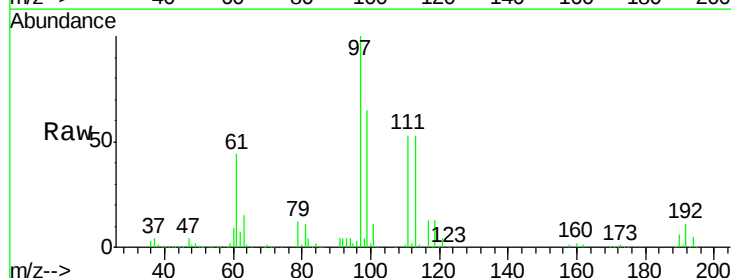
Tgt Ion: 97 Resp: 225271

Ion Ratio Lower Upper

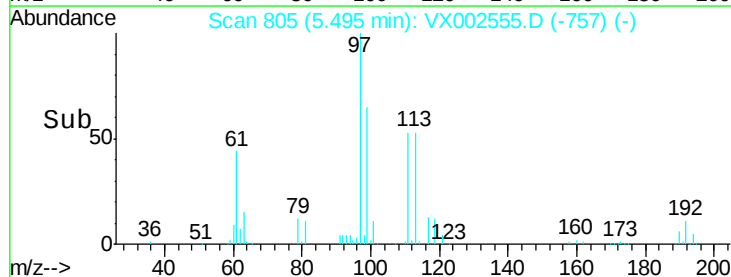
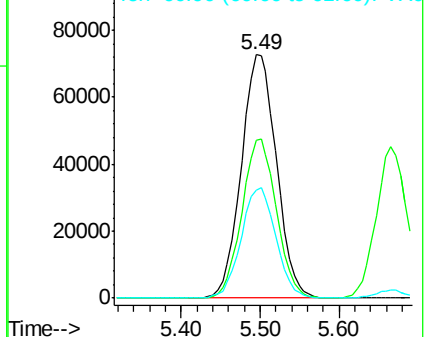
97 100

99 64.3 51.6 77.4

61 44.8 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

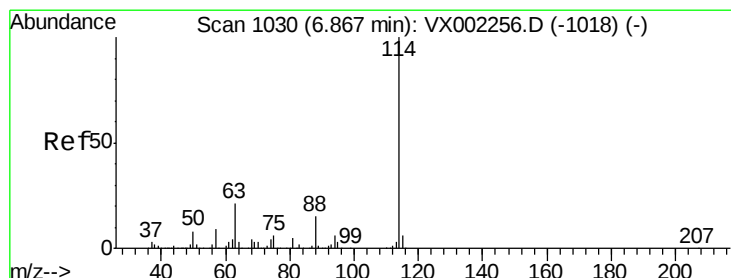
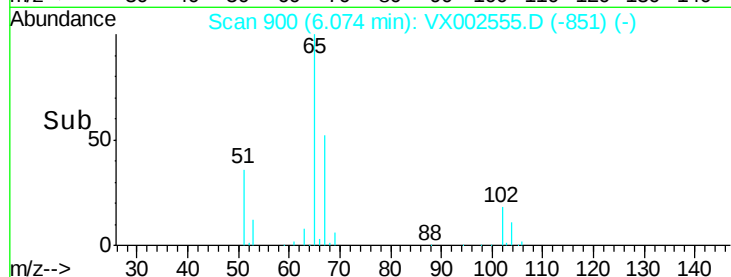
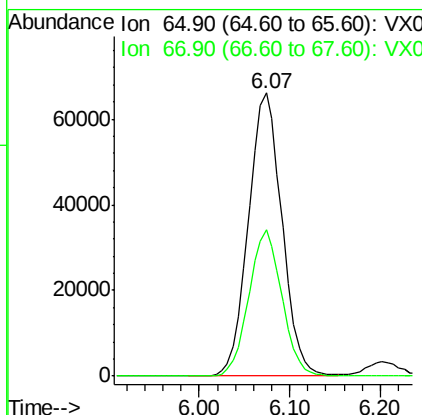
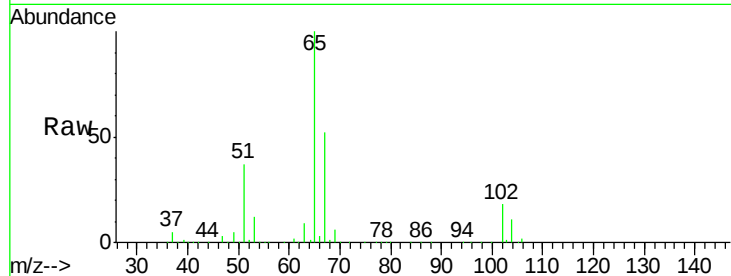




#33
 1,2-Dichloroethane-d4
 Concen: 47.94 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

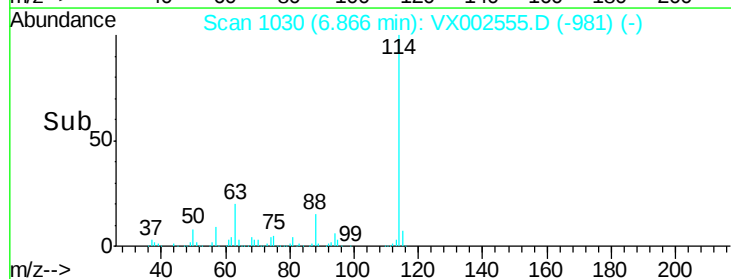
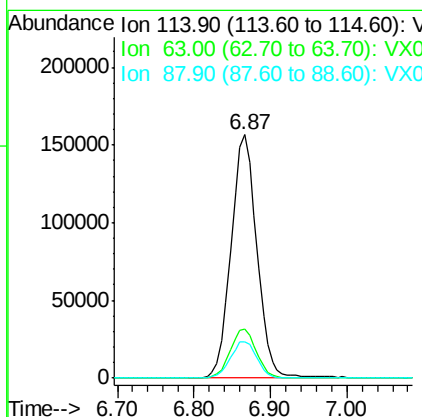
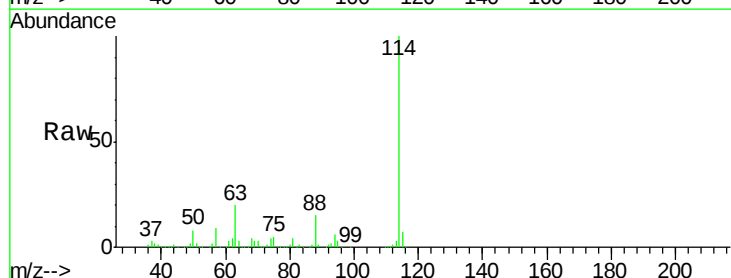
Instrument :
 MSVOA_X
 ClientSampleId :

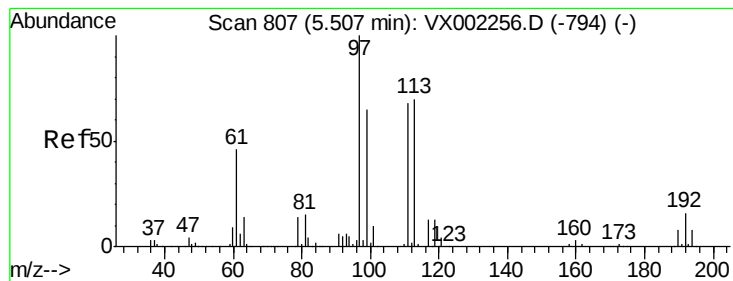
Tot Ion: 65 Resp: 169456
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion: 114 Resp: 366563
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.60 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

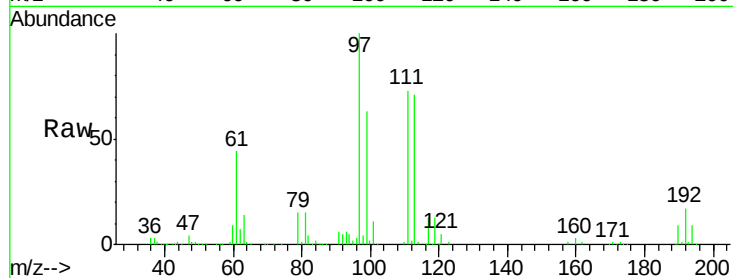
Tot Ion:113 Resp: 134335

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

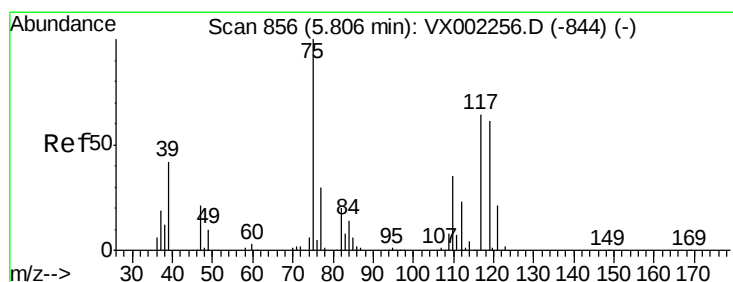
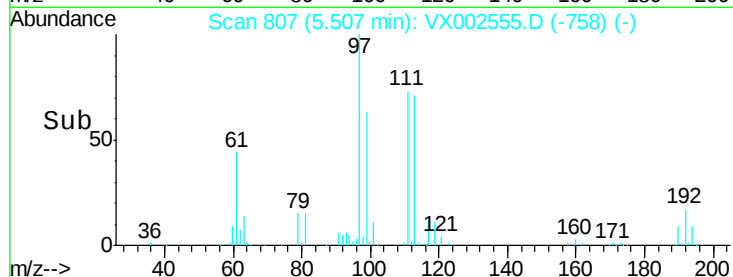
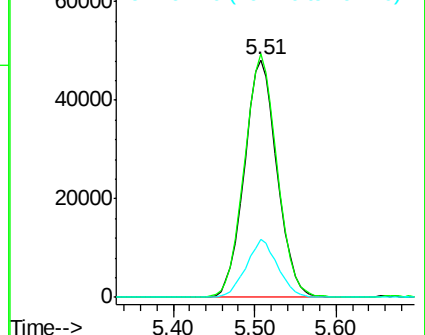
192 23.7 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.63 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

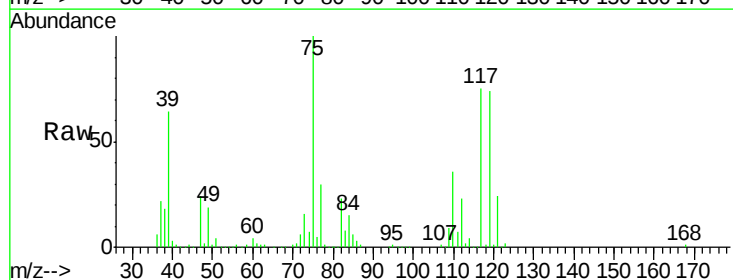
Tgt Ion: 75 Resp: 179703

Ion Ratio Lower Upper

75 100

110 36.7 18.1 54.4

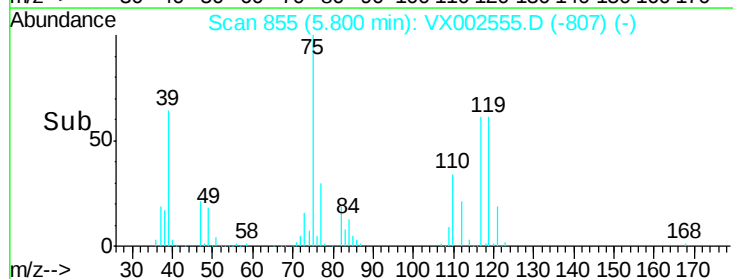
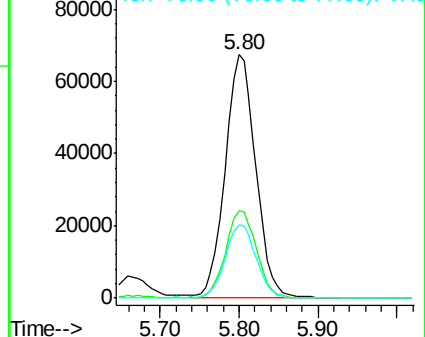
77 31.0 24.3 36.5

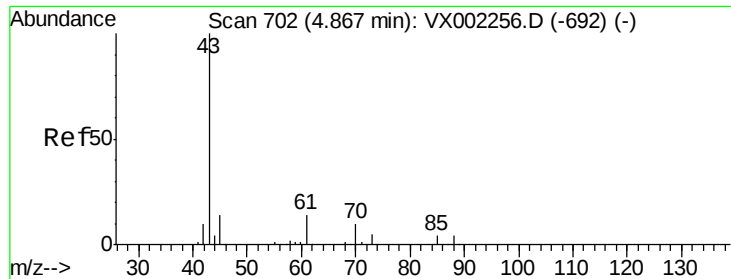


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

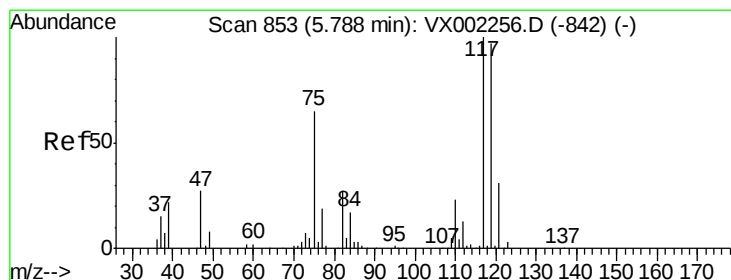
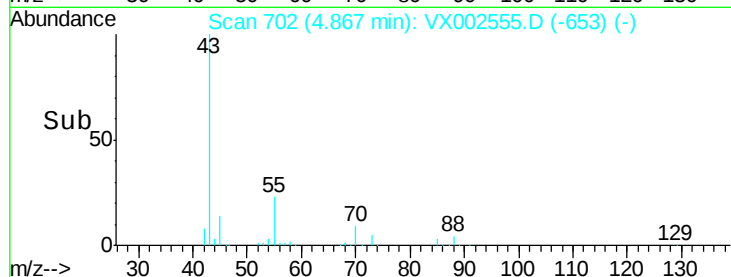
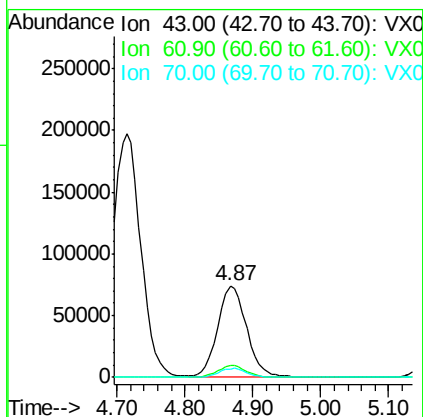
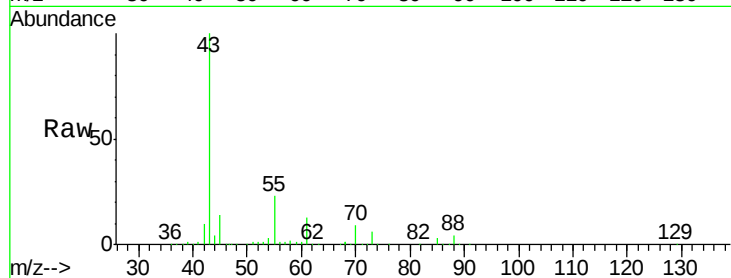




#37
Ethyl Acetate
Concen: 46.87 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

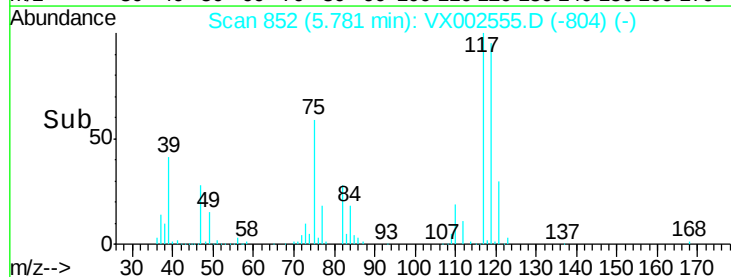
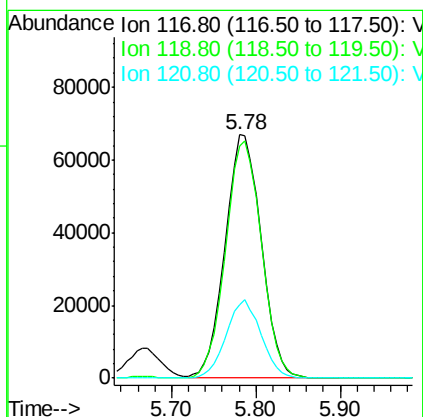
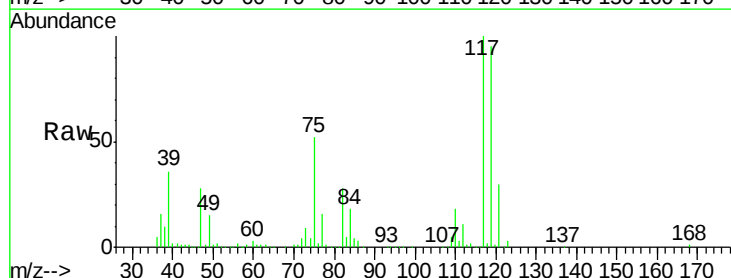
Instrument :
MSVOA_X
ClientSampled :

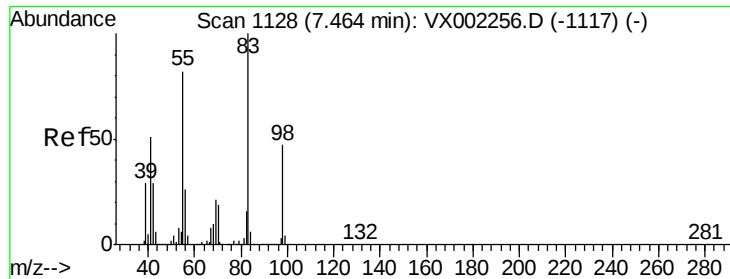
Tot Ion: 43 Resp: 217201
Ion Ratio Lower Upper
43 100
61 12.5 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 48.44 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion: 117 Resp: 195281
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0
121 30.2 24.4 36.6

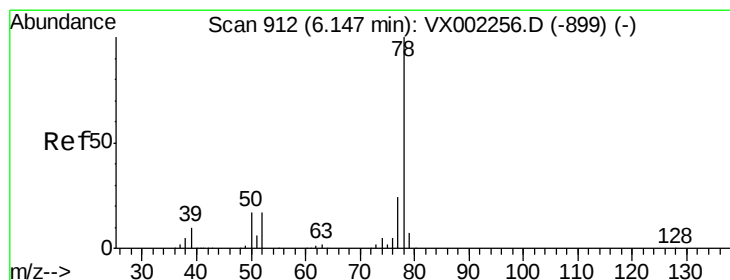
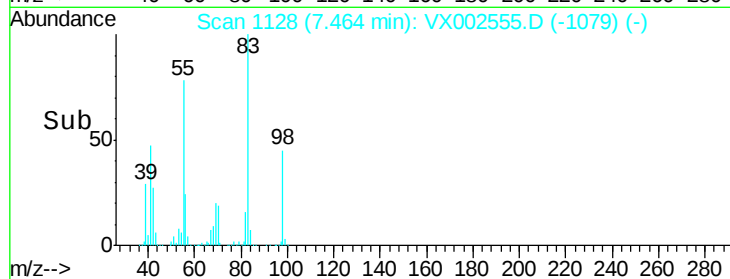
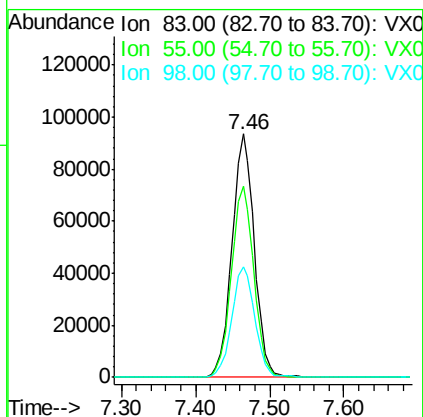
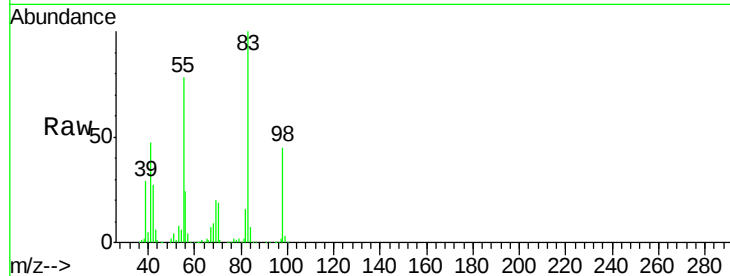




#39
Methvlcvclohexane
Concen: 41.27 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

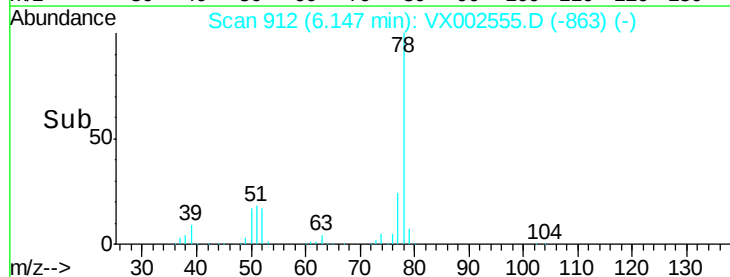
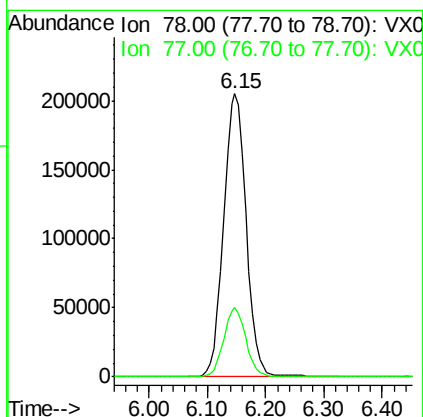
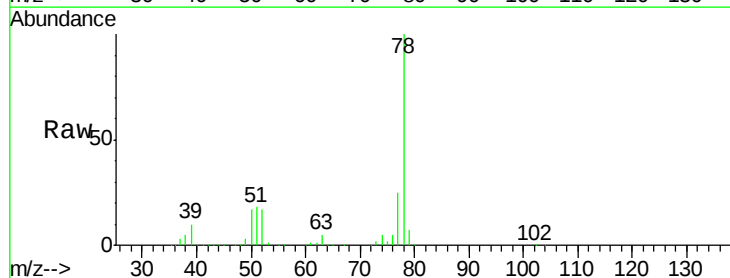
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 196251
Ion Ratio Lower Upper
83 100
55 78.4 65.4 98.0
98 45.4 37.4 56.0



#40
Benzene
Concen: 46.74 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion: 78 Resp: 552284
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

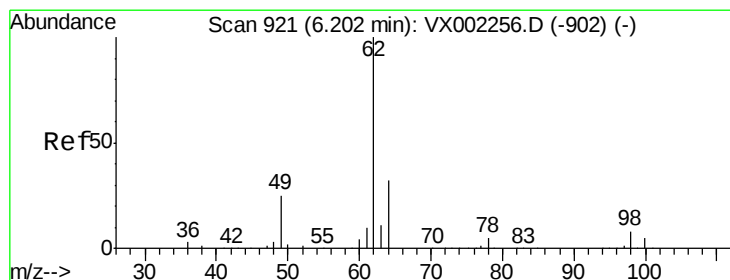
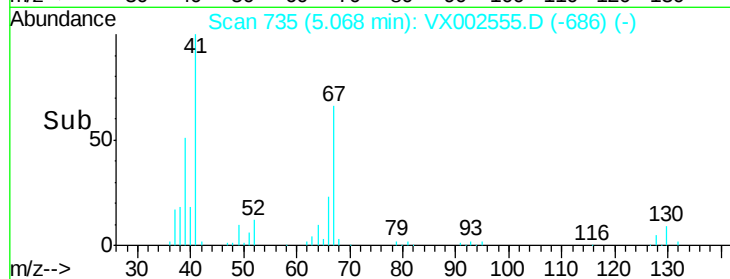
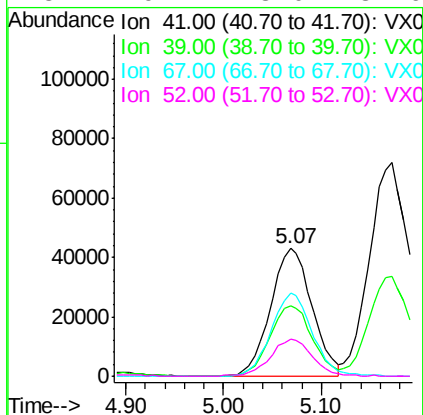
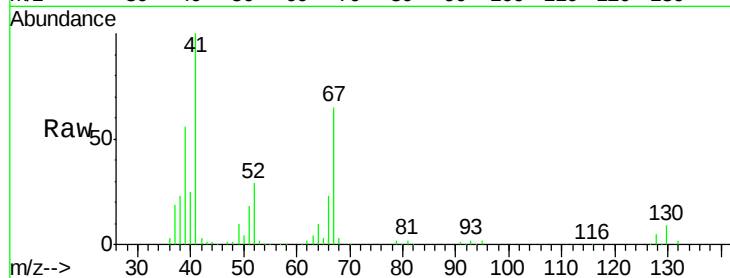




#41
Methacrylonitrile
Concen: 47.56 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

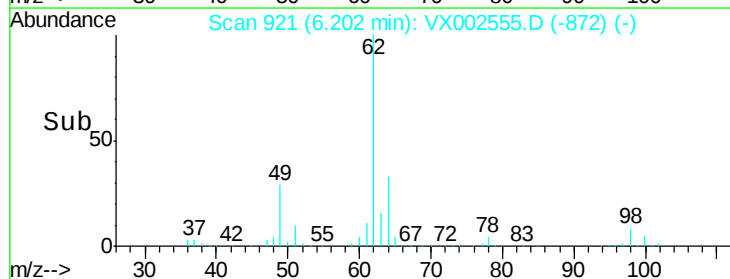
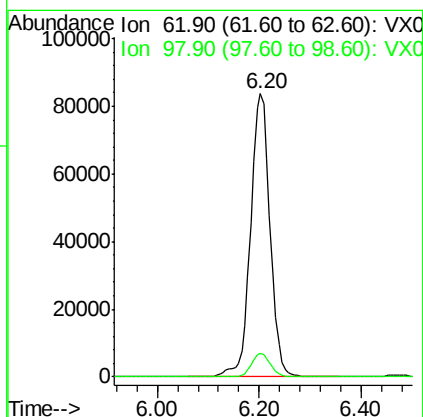
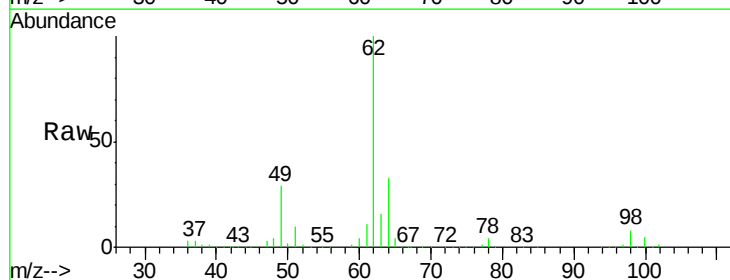
Instrument :
MSVOA_X
ClientSampled :

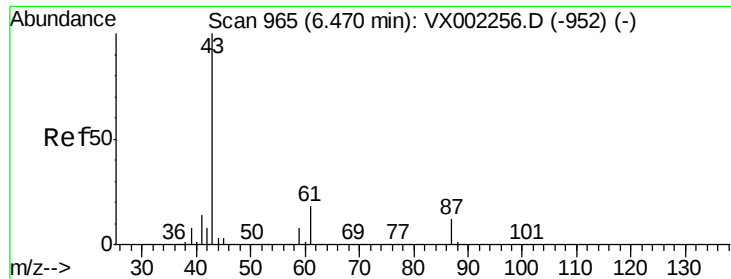
Tot Ion:	41	Resp:	126167
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.6
67	65.7	51.3	76.9
52	29.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 47.12 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion:	62	Resp:	221221
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 47.20 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

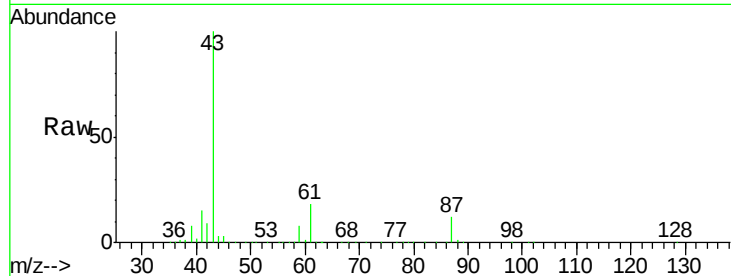
Tot Ion: 43 Resp: 371541

Ion Ratio Lower Upper

43 100

61 18.2 14.4 21.6

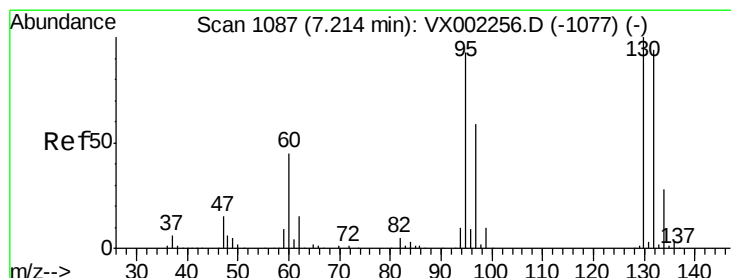
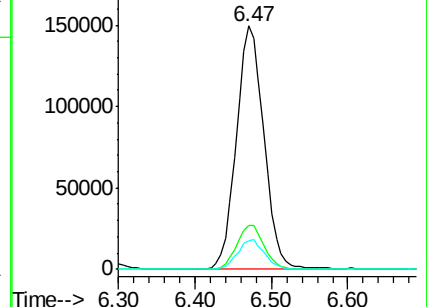
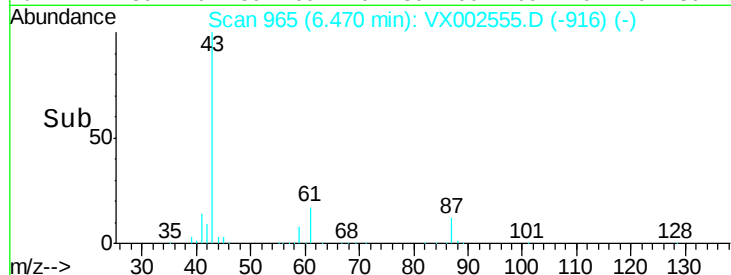
87 12.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-952) (-)

Ion 61.00 (60.70 to 61.70): VX002256.D (-952) (-)

Ion 87.00 (86.70 to 87.70): VX002256.D (-952) (-)



#44

Trichloroethene

Concen: 47.51 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002555.D

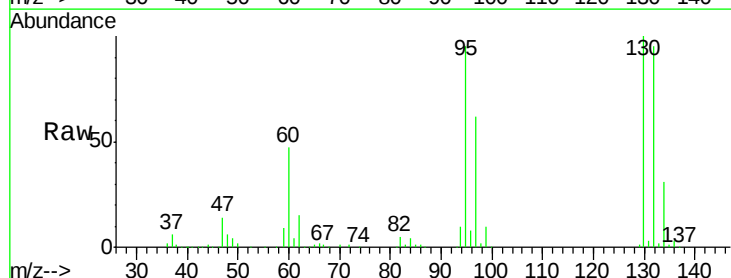
Acq: 14 Jun 2018 16:46

Tgt Ion:130 Resp: 155796

Ion Ratio Lower Upper

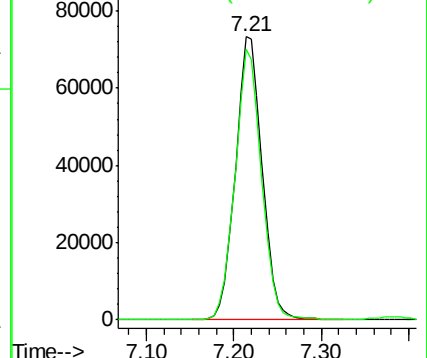
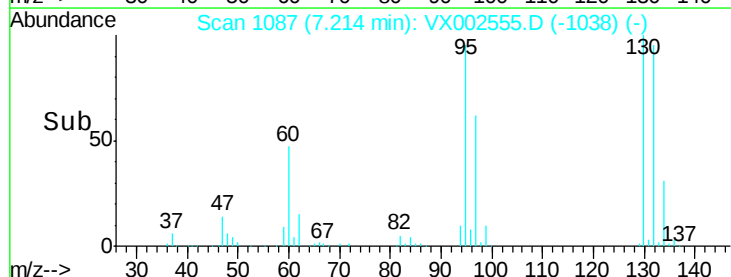
130 100

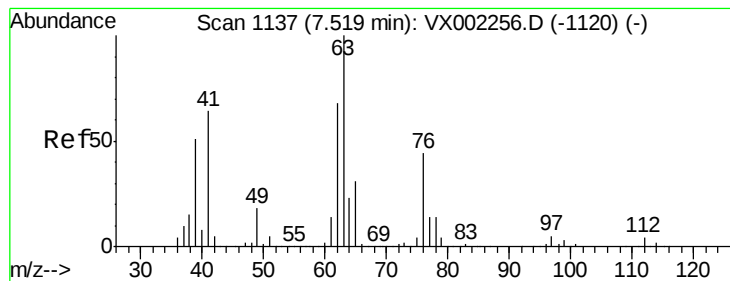
95 95.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002256.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX002256.D (-1077) (-)





#45

1,2-Dichloropropane

Concen: 47.21 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

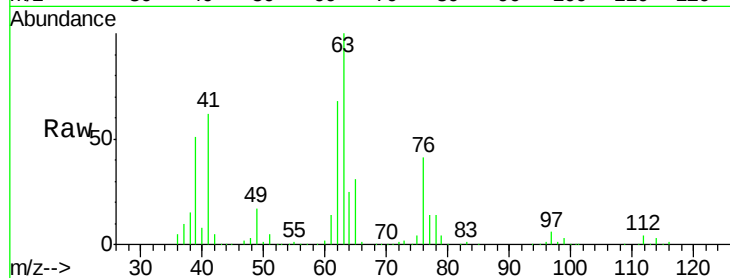
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 150605

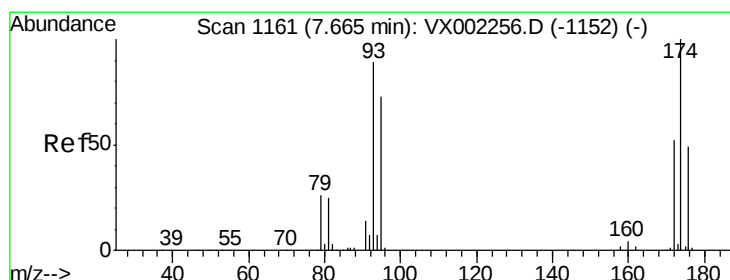
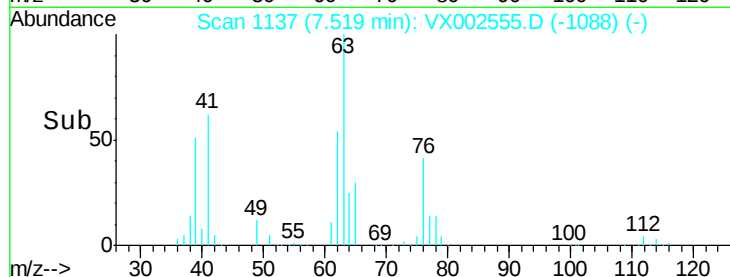
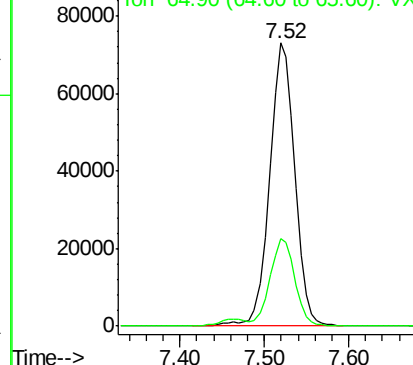
Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.61 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

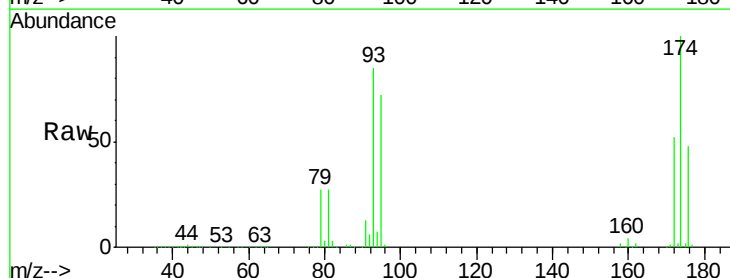
Tgt Ion: 93 Resp: 102962

Ion Ratio Lower Upper

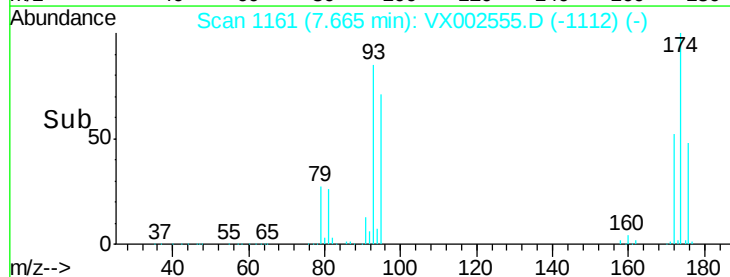
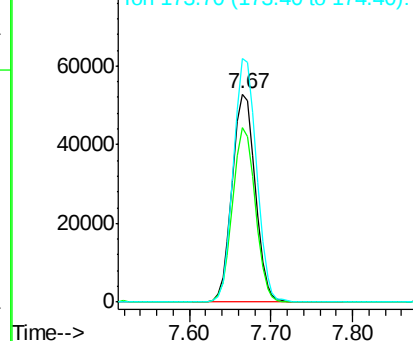
93 100

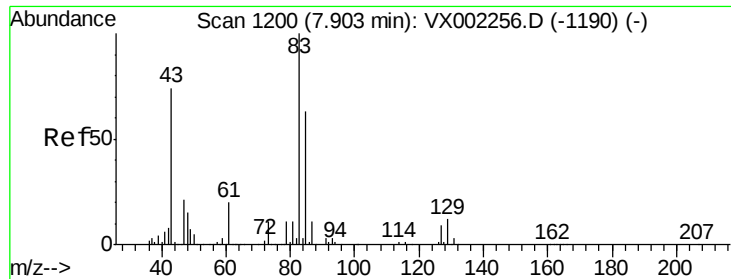
95 82.8 65.9 98.9

174 116.8 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

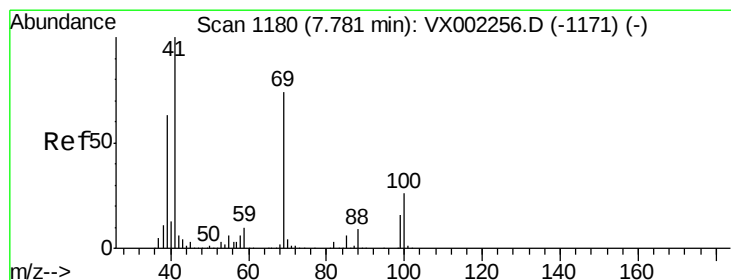
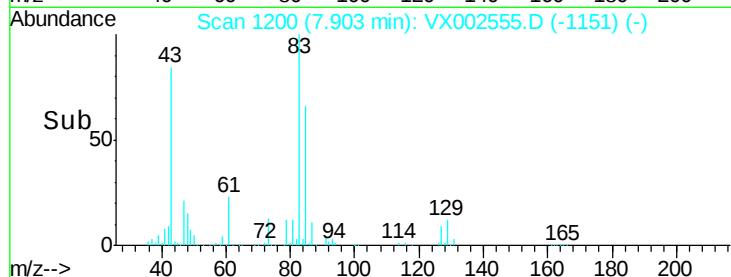
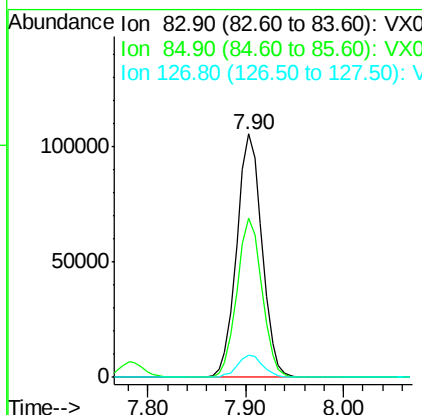
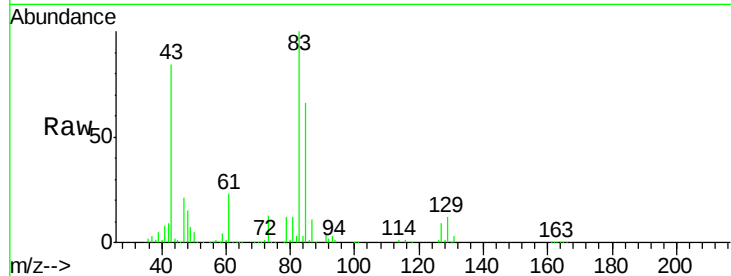




#47
Bromodichloromethane
Concen: 48.45 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

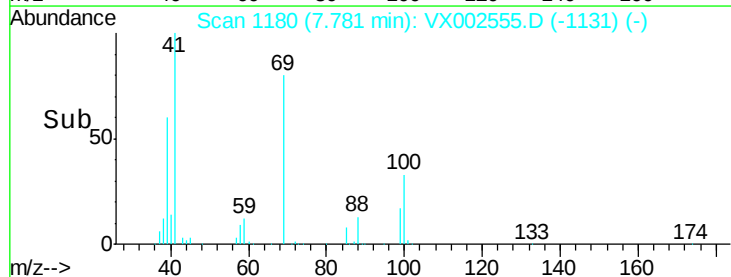
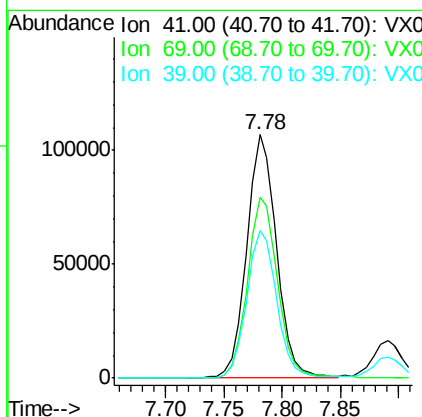
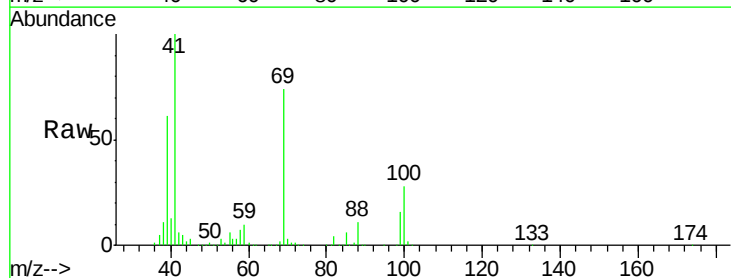
Instrument :
MSVOA_X
ClientSampleId :

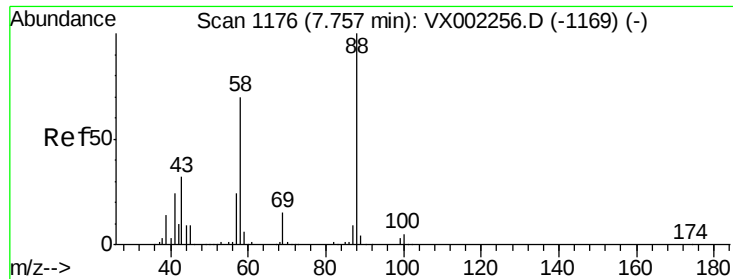
Tot Ion: 83 Resp: 189497
Ion Ratio Lower Upper
83 100
85 65.5 50.3 75.5
127 9.0 7.0 10.4



#48
Methyl methacrylate
Concen: 48.23 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion: 41 Resp: 190690
Ion Ratio Lower Upper
41 100
69 75.9 59.1 88.7
39 61.4 48.9 73.3

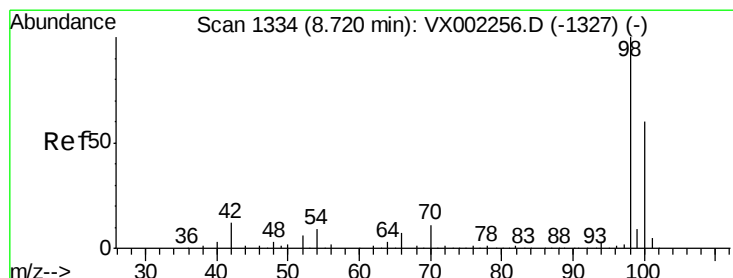
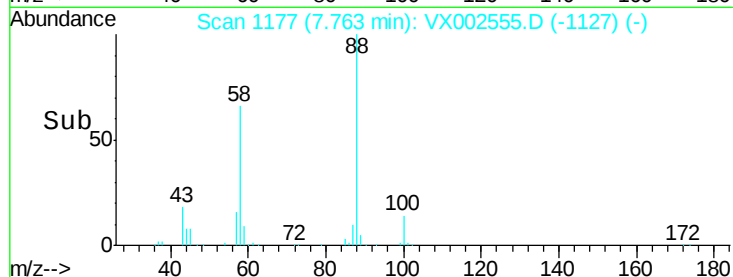
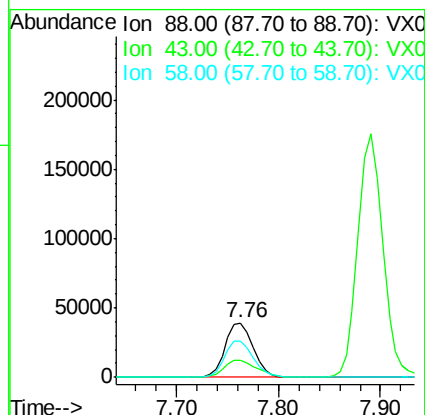
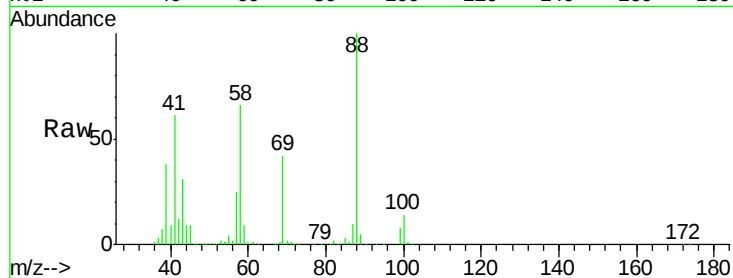




#49
1,4-Dioxane
Concen: 1011.84 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

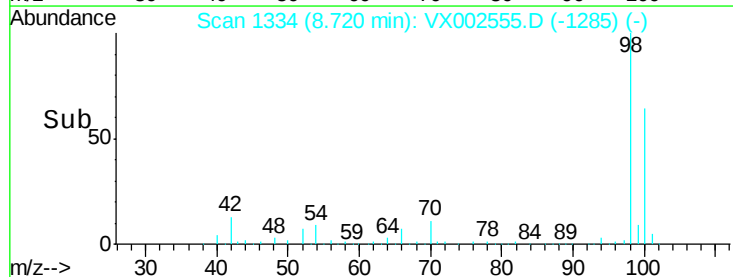
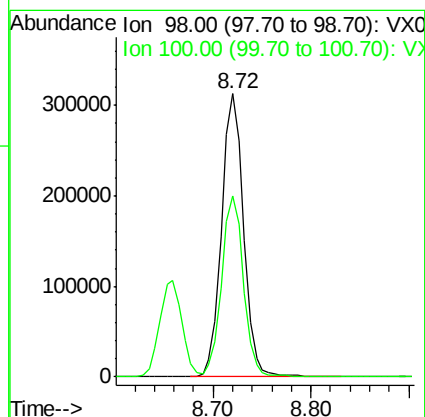
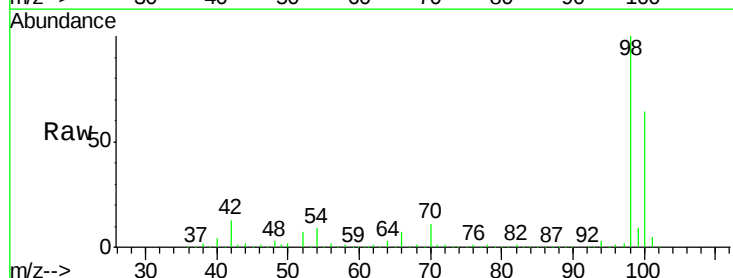
Instrument :
MSVOA_X
ClientSampleId :

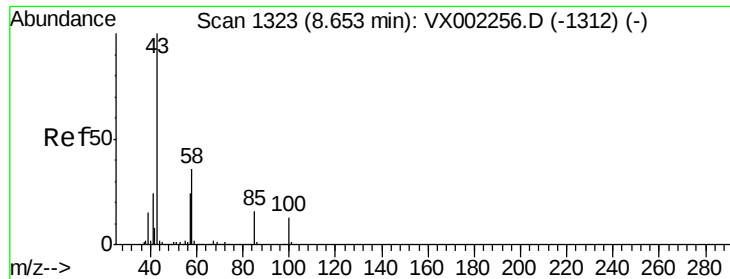
Tot Ion: 88 Resp: 74805
Ion Ratio Lower Upper
88 100
43 35.7 29.8 44.6
58 69.2 57.1 85.7



#50
Toluene-d8
Concen: 44.24 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion: 98 Resp: 488849
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

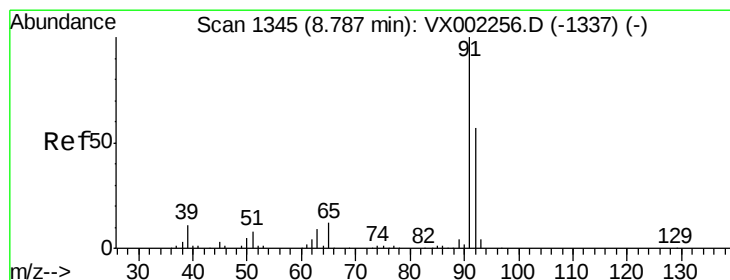
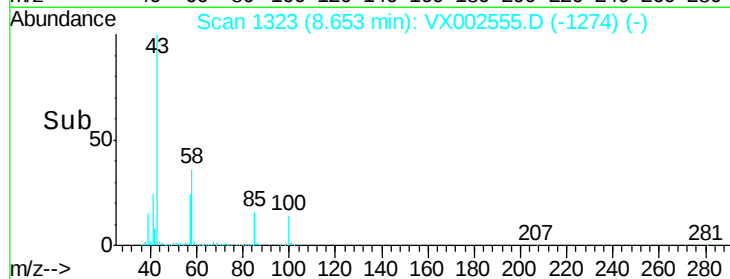
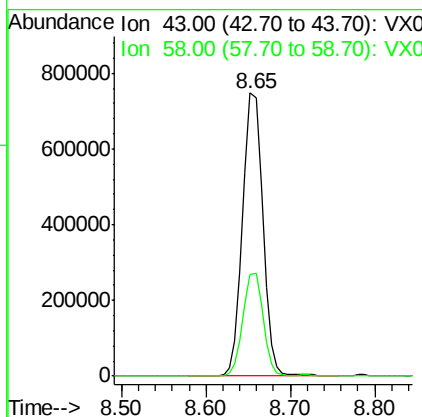
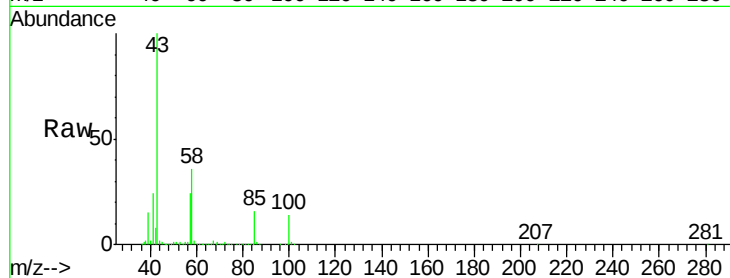




#51
 4-Methyl-2-Pentanone
 Concen: 246.86 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

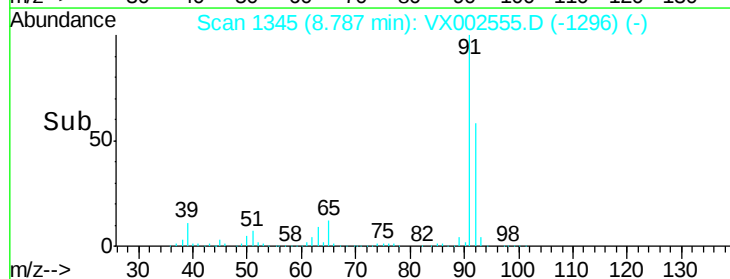
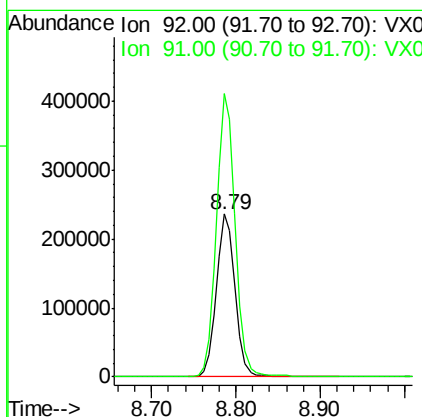
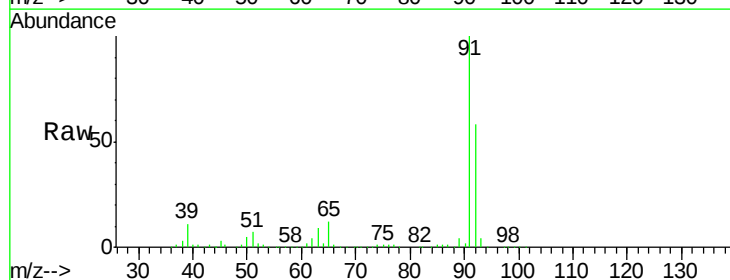
Instrument :
 MSVOA_X
 ClientSampleId :

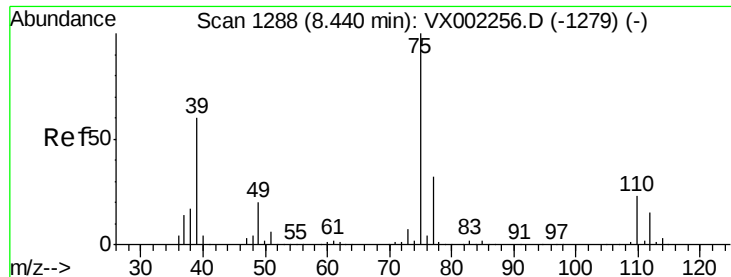
Tot Ion: 43 Resp: 1210109
 Ion Ratio Lower Upper
 43 100
 58 36.1 28.6 42.8



#52
 Toluene
 Concen: 48.37 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion: 92 Resp: 363479
 Ion Ratio Lower Upper
 92 100
 91 174.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 44.46 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

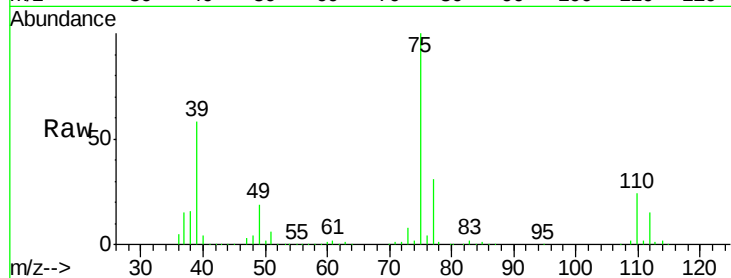
ClientSampleId :

Tot Ion: 75 Resp: 208541

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

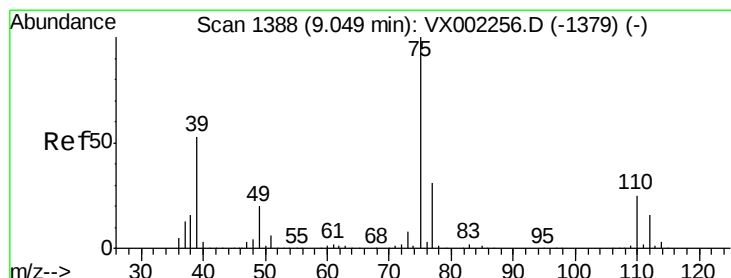
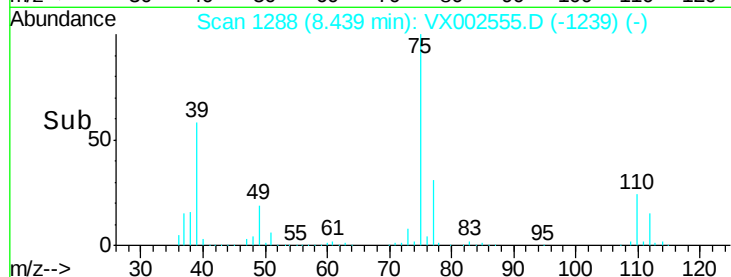
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.15 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

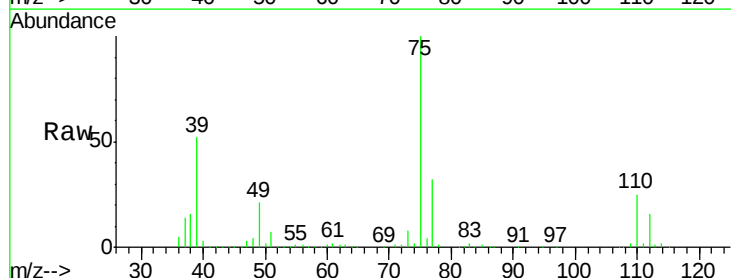
Tgt Ion: 75 Resp: 199769

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 52.3 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

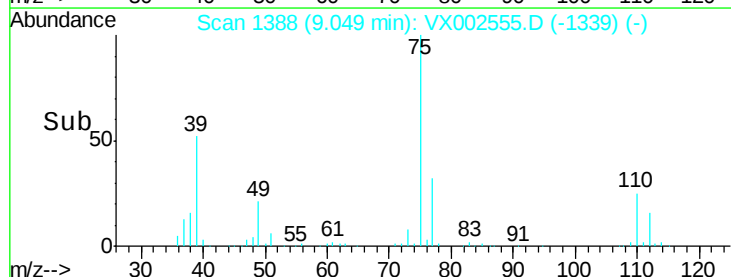
150000

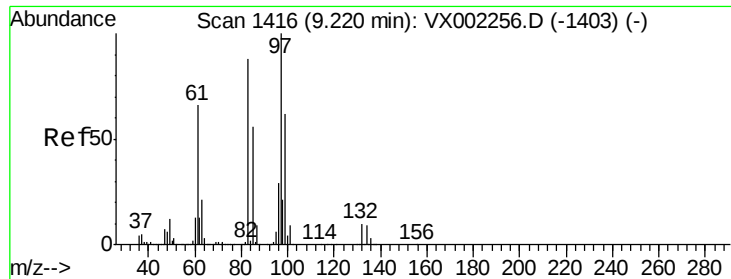
100000

50000

0

Time-->

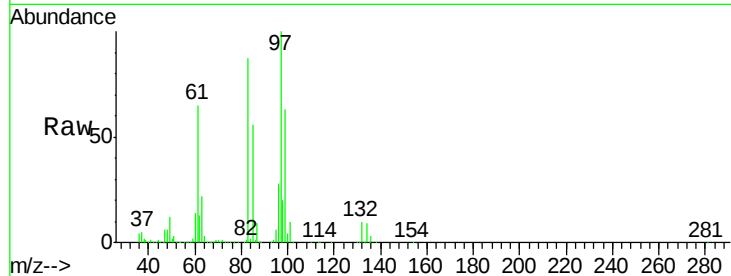




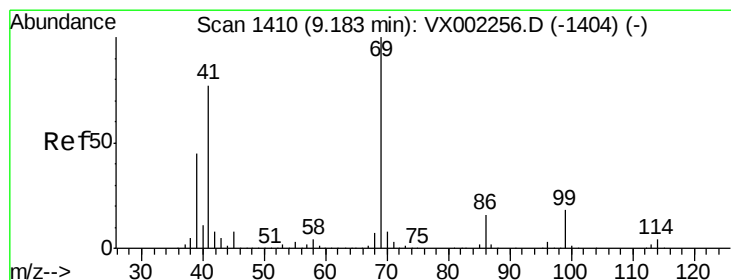
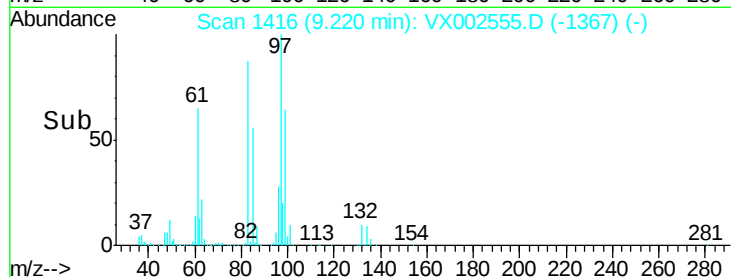
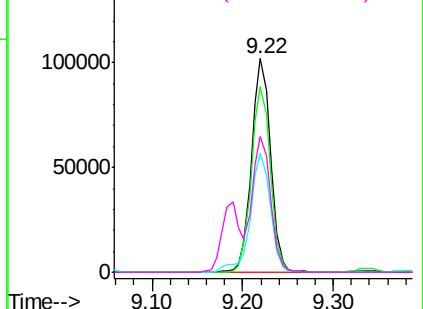
#55
 1,1,2-Trichloroethane
 Concen: 48.24 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	149115
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.2	105.2
85	55.6	44.9	67.3
99	63.4	49.8	74.8

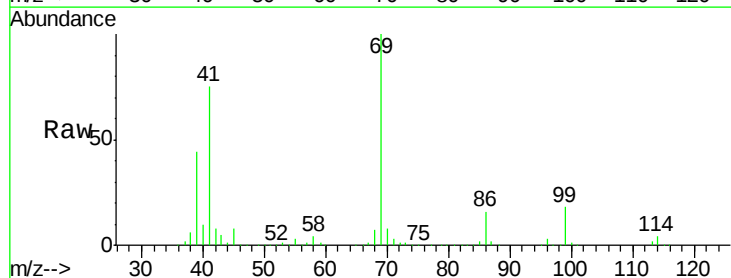


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

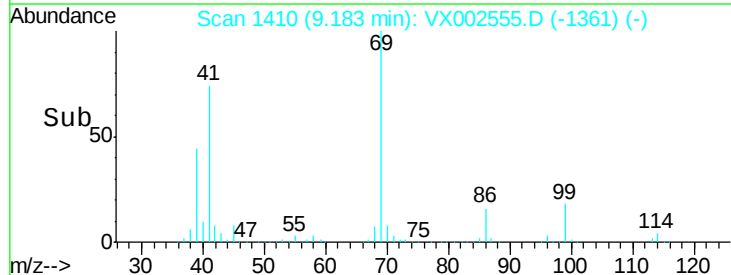
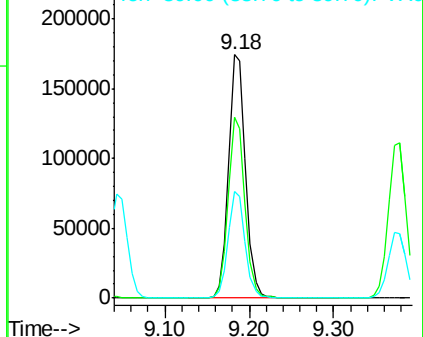


#56
 Ethyl methacrylate
 Concen: 48.95 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion:	69	Resp:	241539
Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	43.5	35.8	53.8



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





#57

1,3-Dichloropropane

Concen: 48.06 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

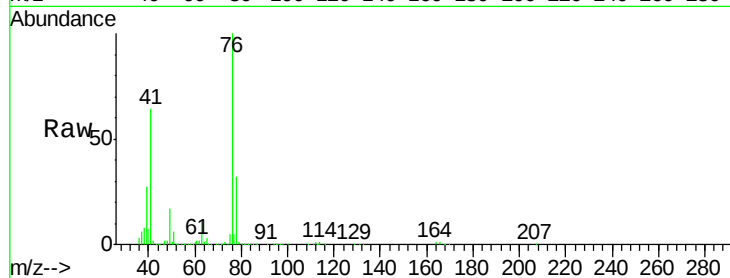
ClientSampleId :

Tot Ion: 76 Resp: 249208

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

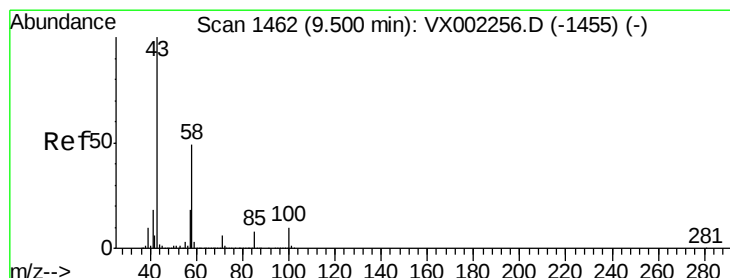
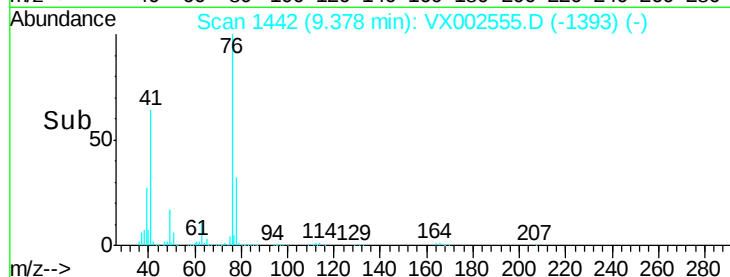
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#59

2-Hexanone

Concen: 247.05 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX002555.D

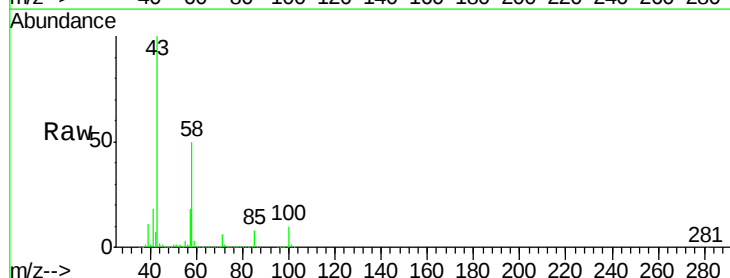
Acq: 14 Jun 2018 16:46

Tgt Ion: 43 Resp: 935409

Ion Ratio Lower Upper

43 100

58 49.8 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800000

600000

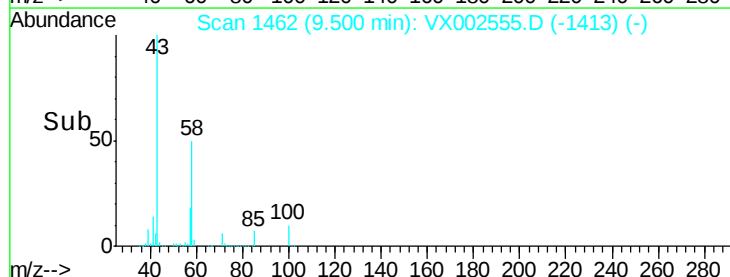
400000

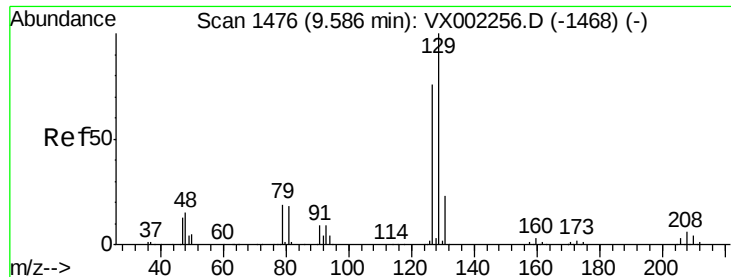
200000

0

9.40 9.50 9.60

Time-->

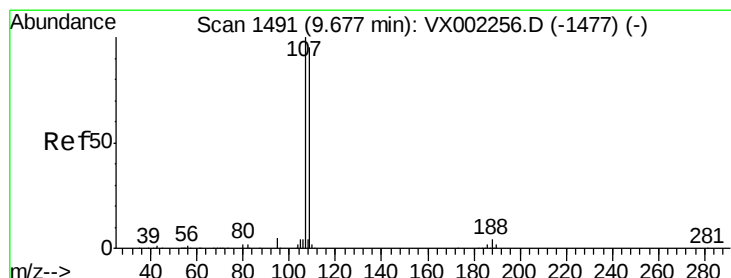
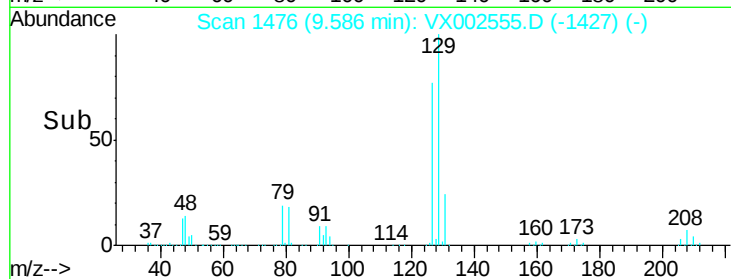
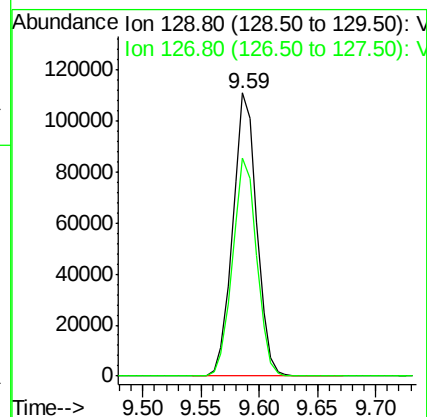
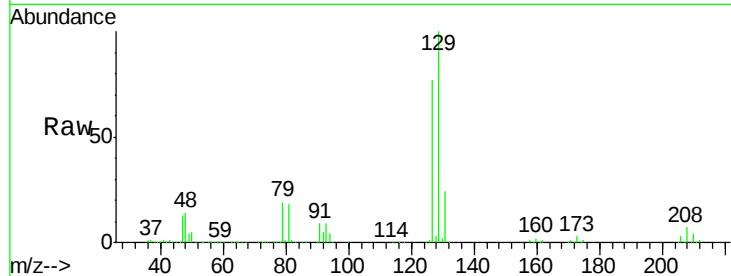




#60
 Dibromochloromethane
 Concen: 51.07 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

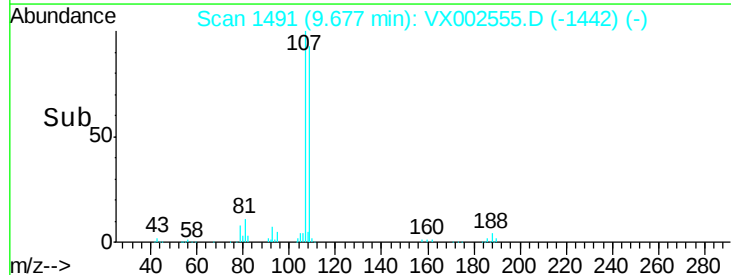
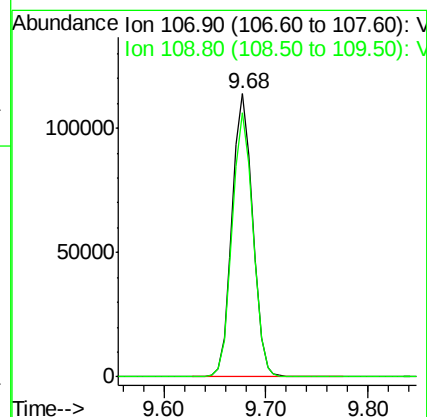
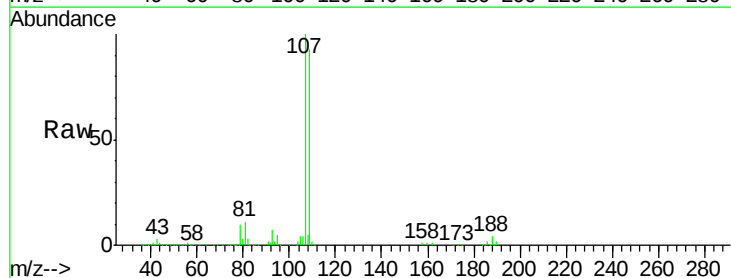
Instrument :
 MSVOA_X
 ClientSampled :

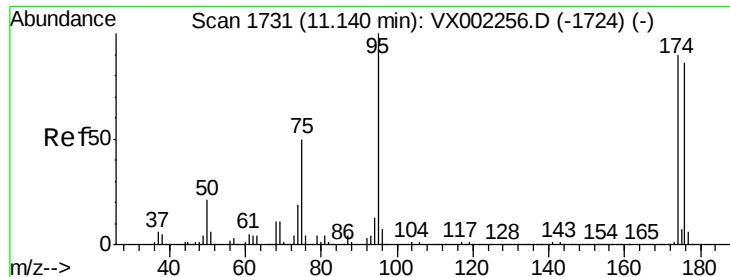
Tot Ion:129 Resp: 158766
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.5 115.3



#61
 1,2-Dibromoethane
 Concen: 49.23 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion:107 Resp: 158659
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.3 112.9





#62

4-Bromofluorobenzene

Concen: 44.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

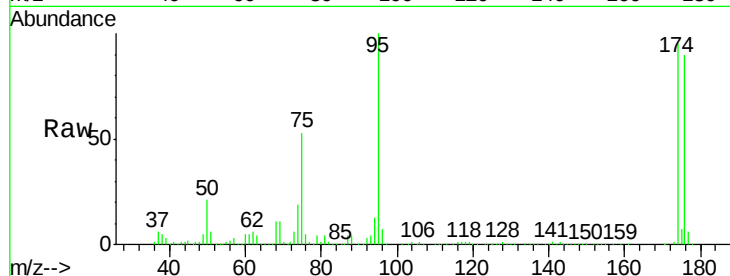
Tot Ion: 95 Resp: 190506

Ion Ratio Lower Upper

95 100

174 96.8 0.0 187.4

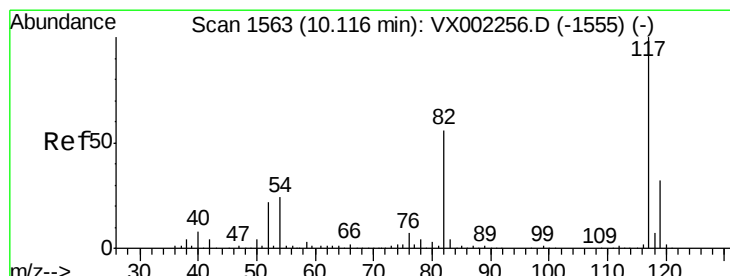
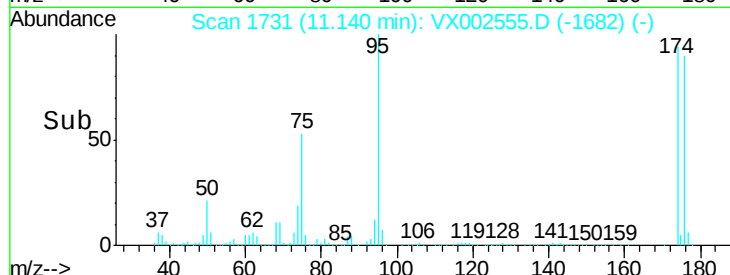
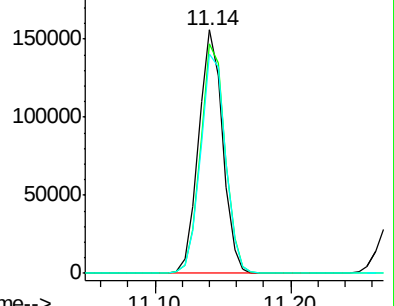
176 93.8 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D

Ion 173.80 (173.50 to 174.50): VX002256.D

Ion 175.80 (175.50 to 176.50): VX002256.D



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

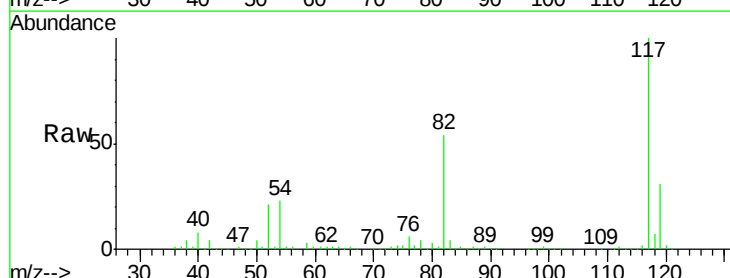
Tgt Ion: 117 Resp: 351404

Ion Ratio Lower Upper

117 100

82 53.6 45.0 67.4

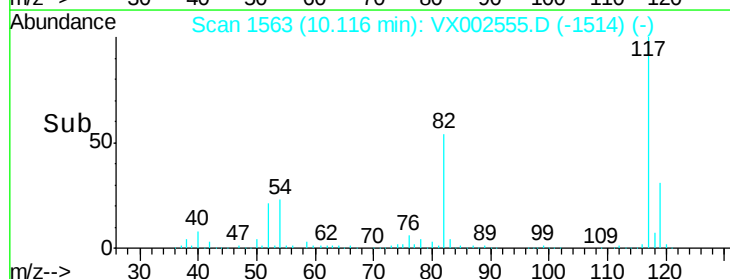
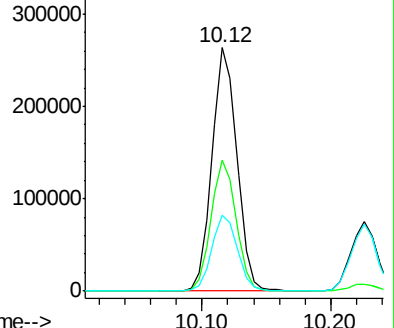
119 31.4 25.8 38.6

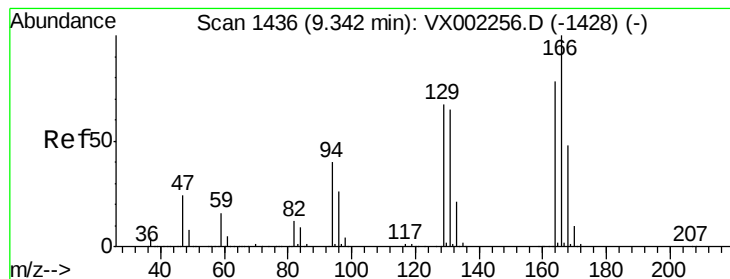


Abundance Ion 116.90 (116.60 to 117.60): VX002256.D

Ion 82.00 (81.70 to 82.70): VX002256.D

Ion 118.90 (118.60 to 119.60): VX002256.D





#64

Tetrachloroethene

Concen: 40.37 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 146318

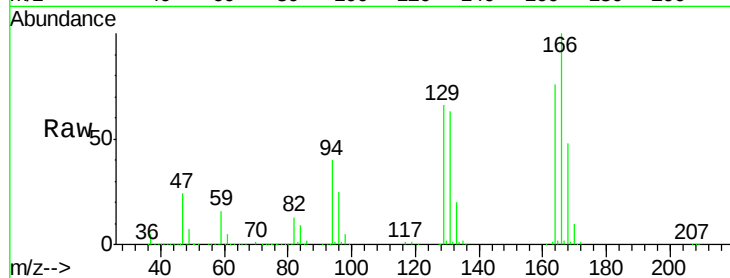
Ion Ratio Lower Upper

164 100

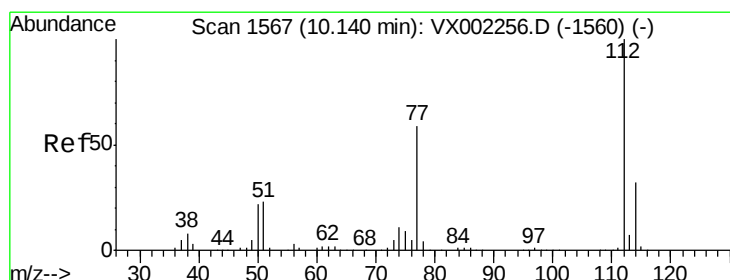
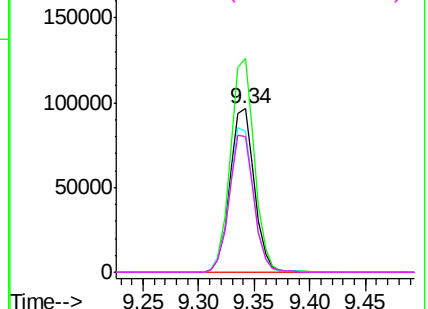
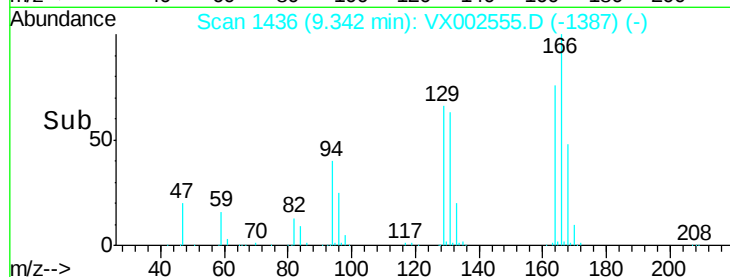
166 130.8 102.9 154.3

129 86.2 68.6 102.8

131 82.8 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: 47.90 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002555.D

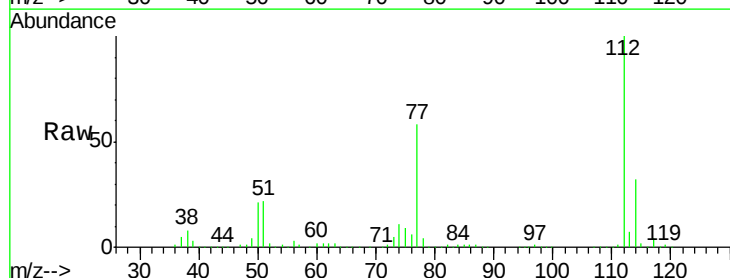
Acq: 14 Jun 2018 16:46

Tgt Ion:112 Resp: 418838

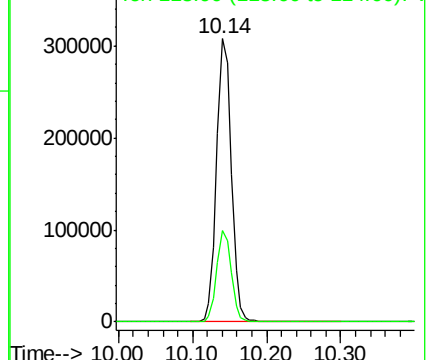
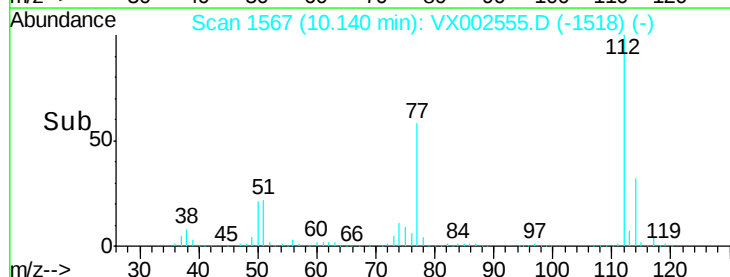
Ion Ratio Lower Upper

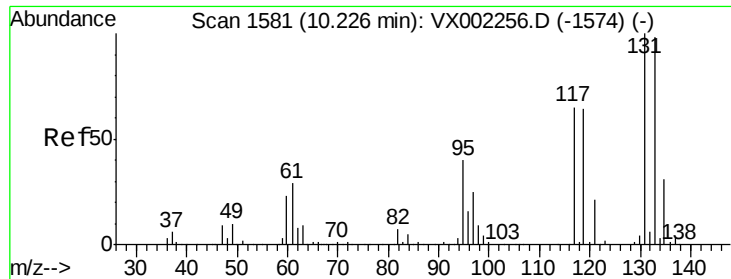
112 100

114 32.3 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: 49.47 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

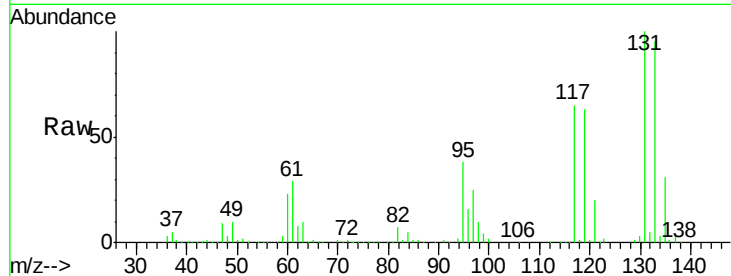
Tot Ion:131 Resp: 156613

Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.6

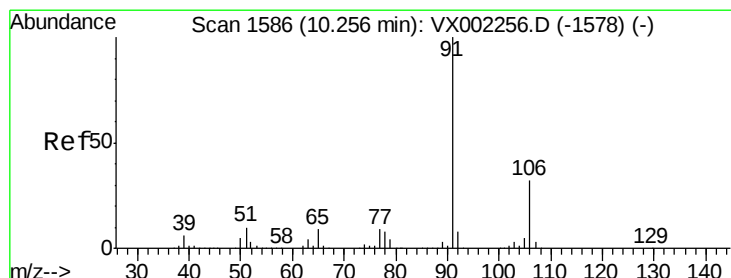
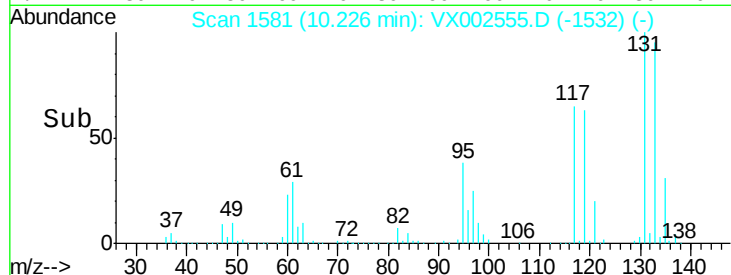
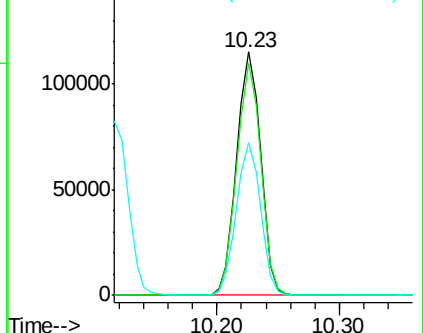
119 63.1 31.8 95.3



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: 48.64 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002555.D

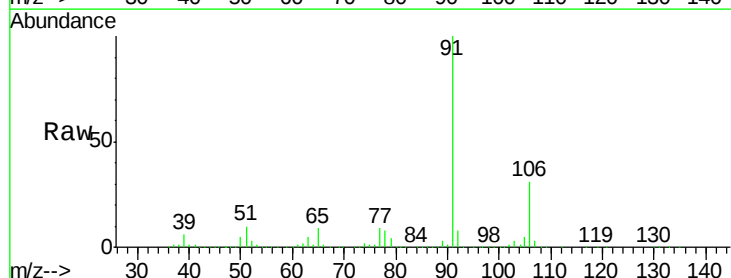
Acq: 14 Jun 2018 16:46

Tgt Ion: 91 Resp: 711820

Ion Ratio Lower Upper

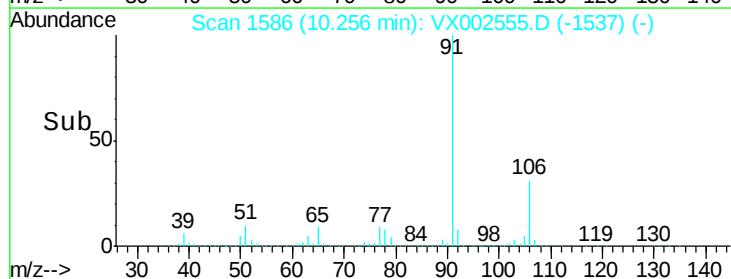
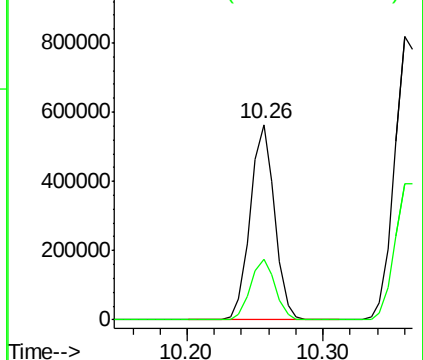
91 100

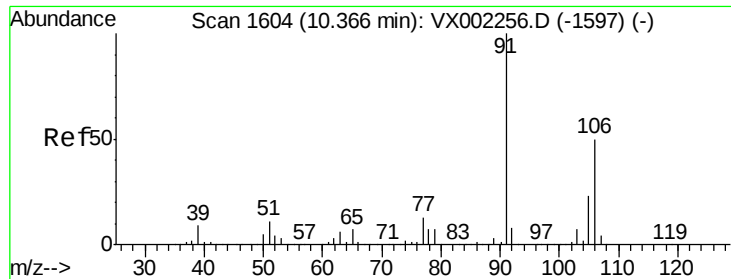
106 31.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

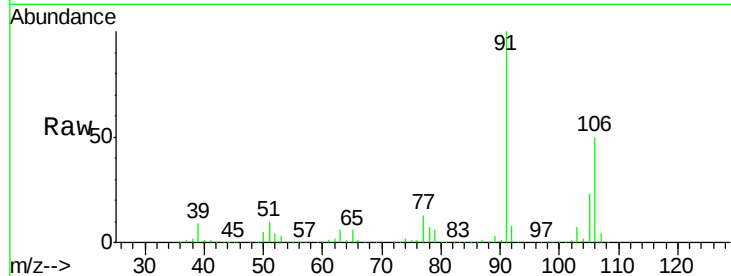




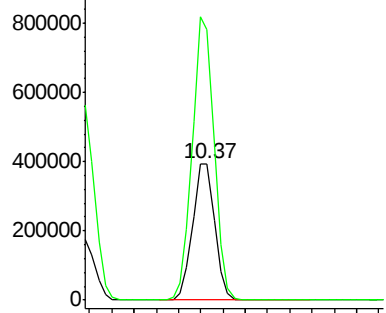
#68
m/p-Xylenes
Concen: 95.77 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampled :

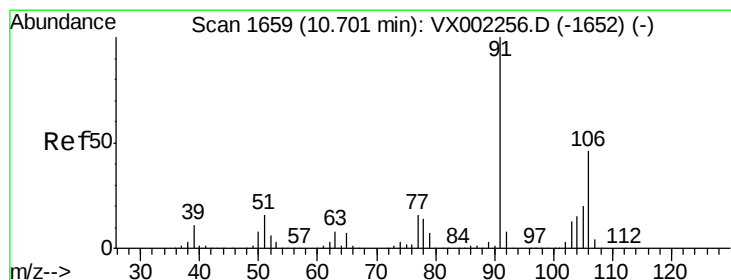
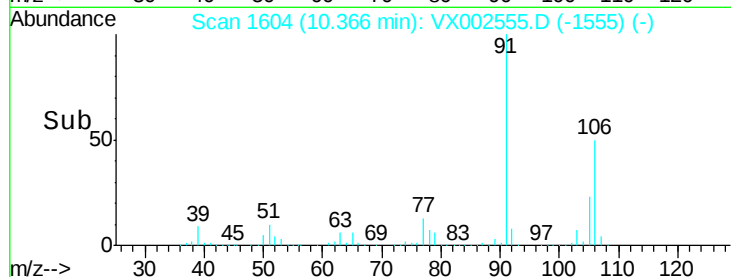
Tot Ion:106 Resp: 544791
Ion Ratio Lower Upper
106 100
91 203.5 163.4 245.2



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

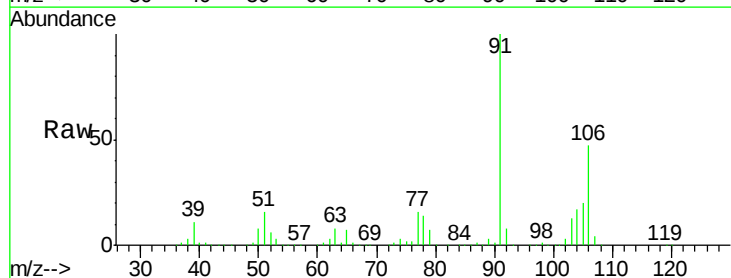


Time-->

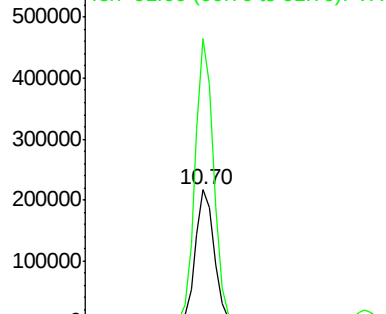


#69
o-Xylene
Concen: 48.32 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

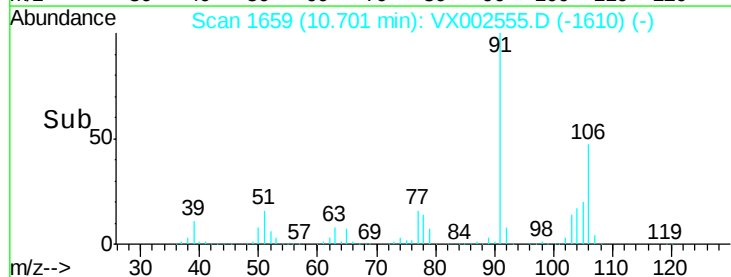
Tgt Ion:106 Resp: 273508
Ion Ratio Lower Upper
106 100
91 212.5 108.2 324.6

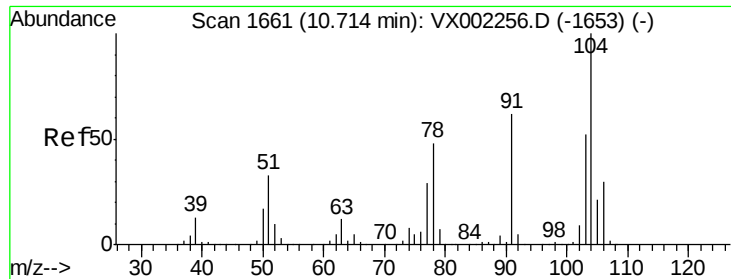


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0



Time-->

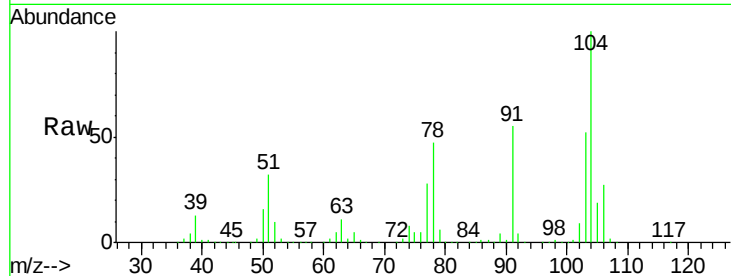




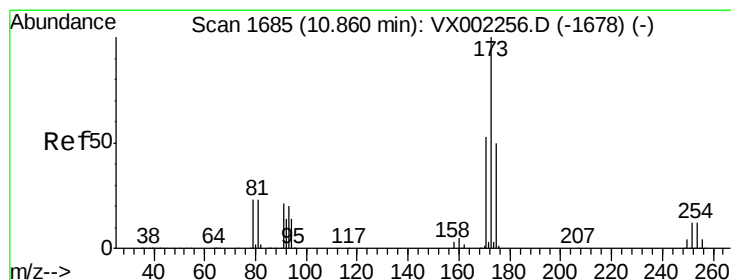
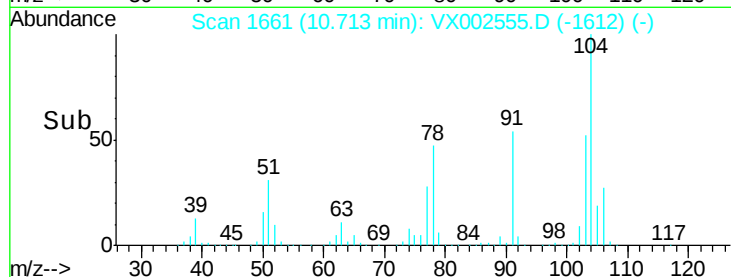
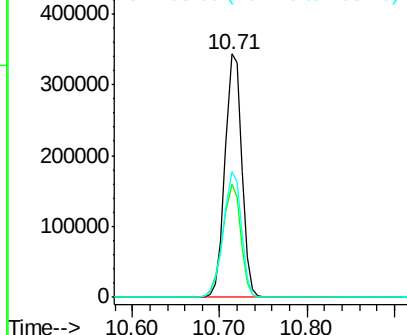
#70
Stvrene
Concen: 49.17 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:104 Resp: 454978
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 55.3 44.2 66.4

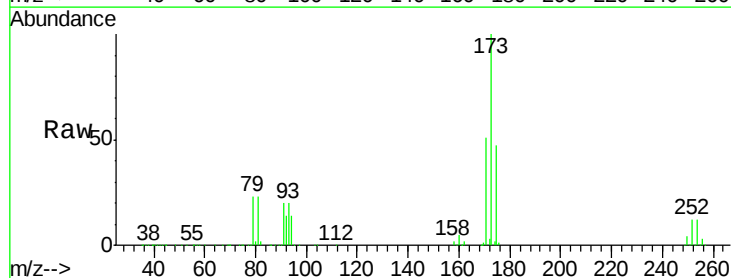


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

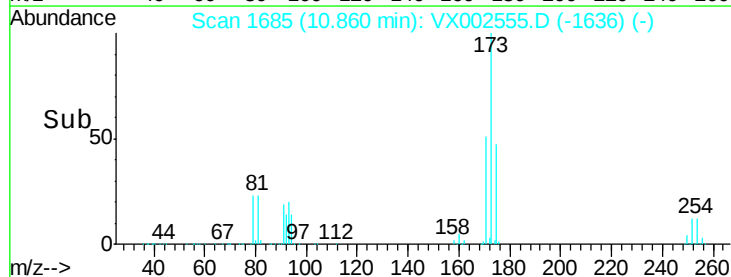
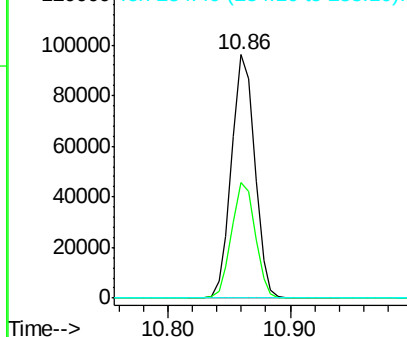


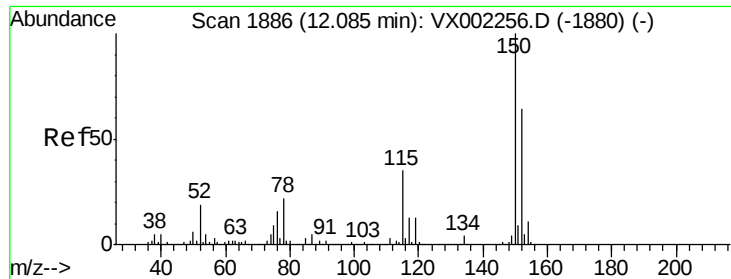
#71
Bromoform
Concen: 44.87 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion:173 Resp: 126136
Ion Ratio Lower Upper
173 100
175 48.2 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: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

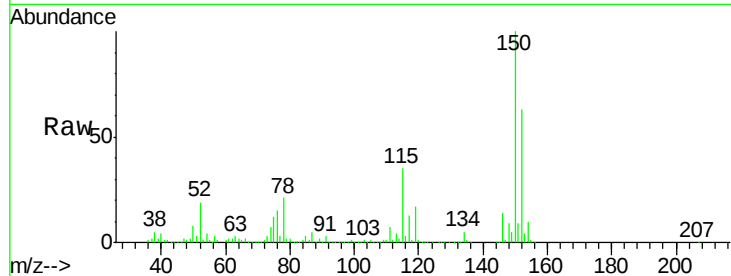
Tot Ion:152 Resp: 221493

Ion Ratio Lower Upper

152 100

115 78.7 40.1 120.2

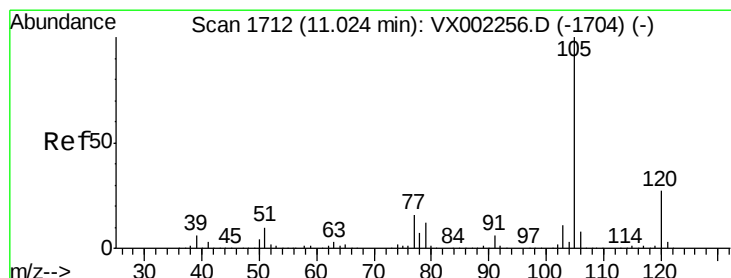
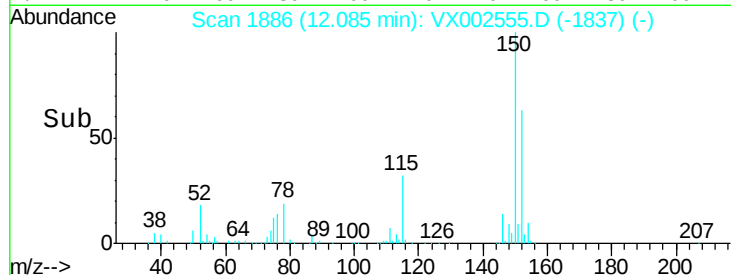
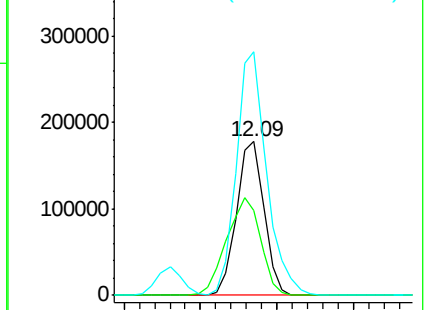
150 174.1 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.64 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002555.D

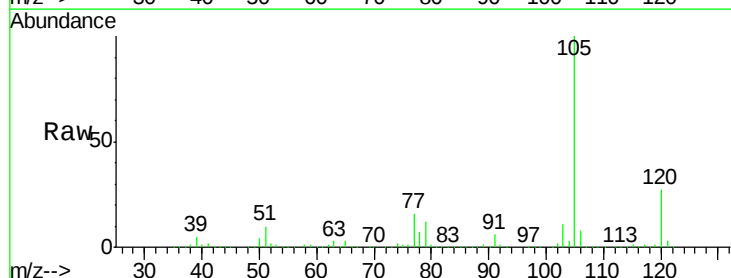
Acq: 14 Jun 2018 16:46

Tgt Ion:105 Resp: 733984

Ion Ratio Lower Upper

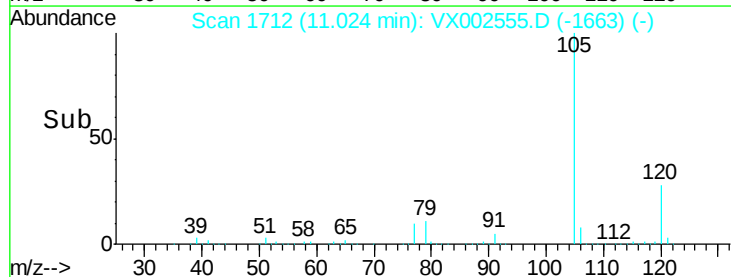
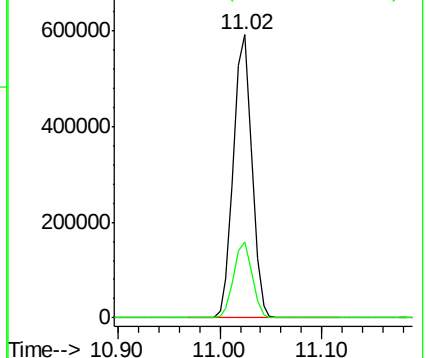
105 100

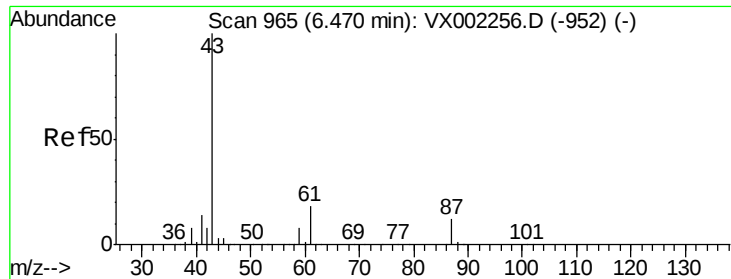
120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 44.75 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 371541

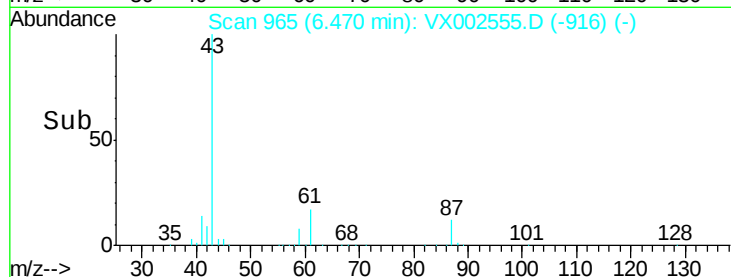
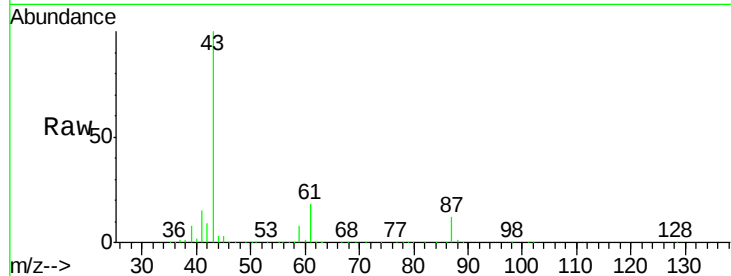
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 18.2 14.4 21.6

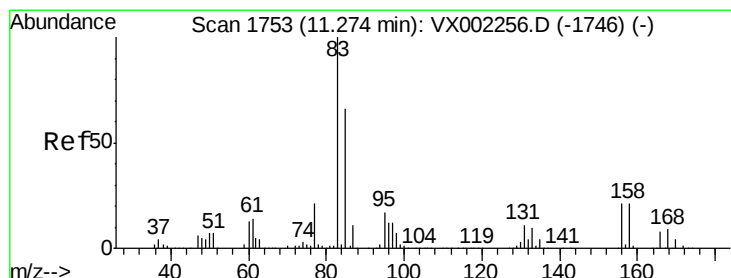
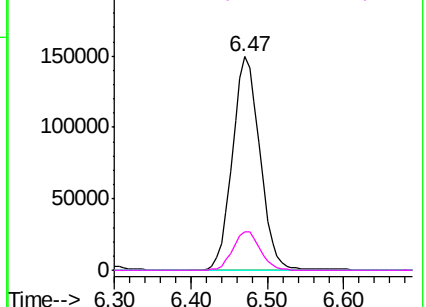


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.22 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

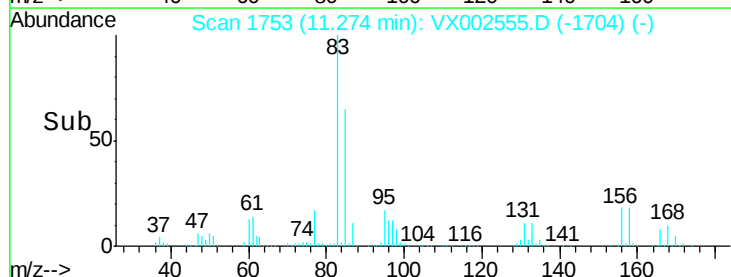
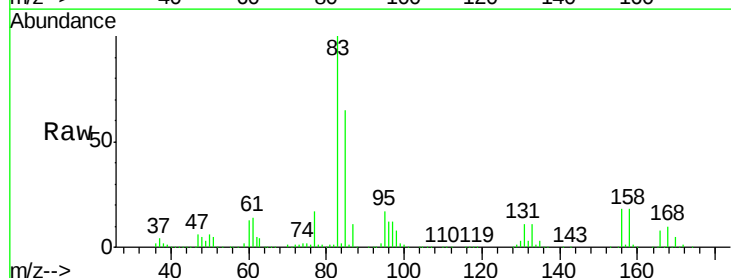
Tgt Ion: 83 Resp: 238539

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

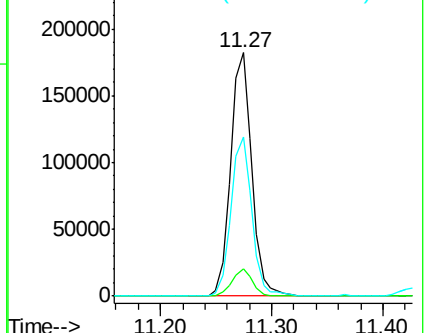
85 65.0 32.4 97.2

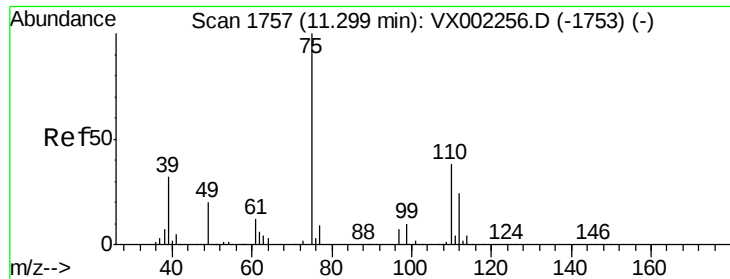


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 53.64 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

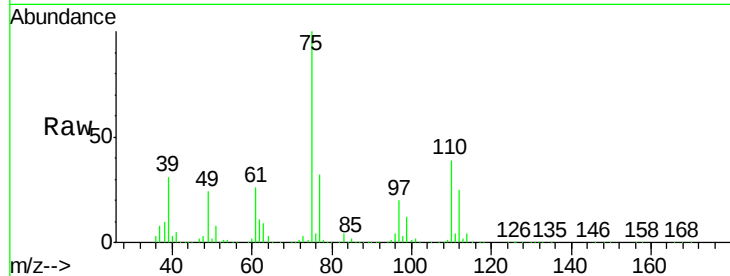
ClientSampled :

Tot Ion: 75 Resp: 260713

Ion Ratio Lower Upper

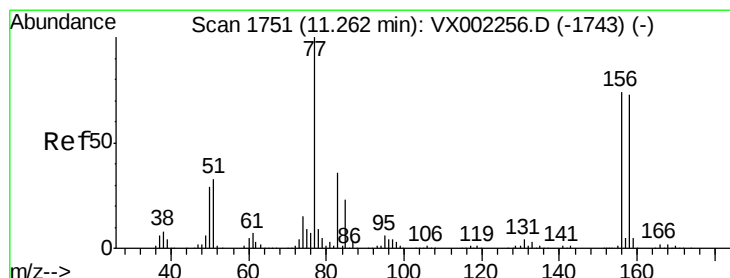
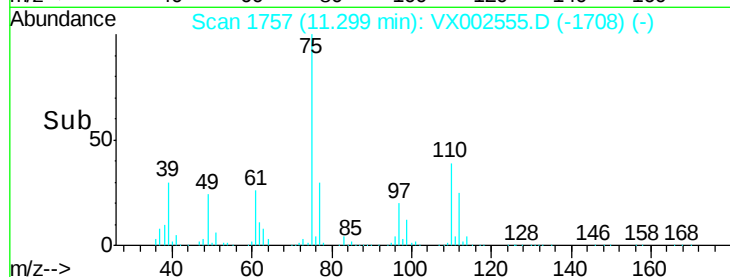
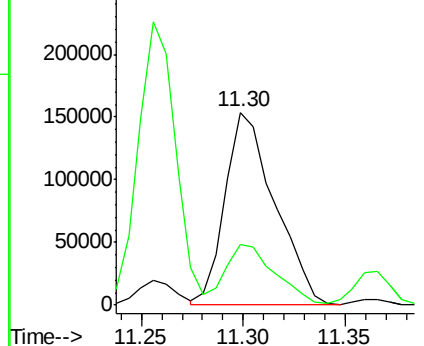
75 100

77 31.4 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: 47.58 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

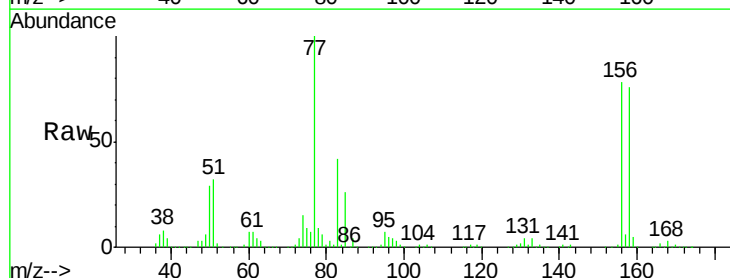
Tgt Ion: 156 Resp: 205833

Ion Ratio Lower Upper

156 100

77 139.8 71.4 214.2

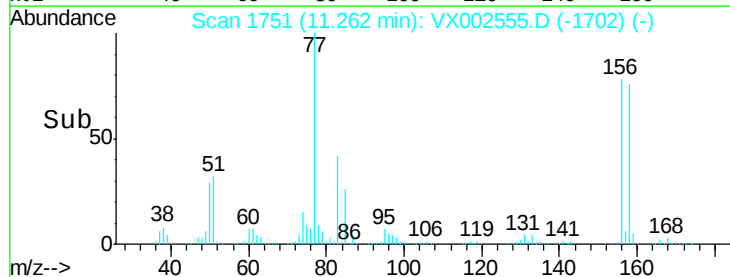
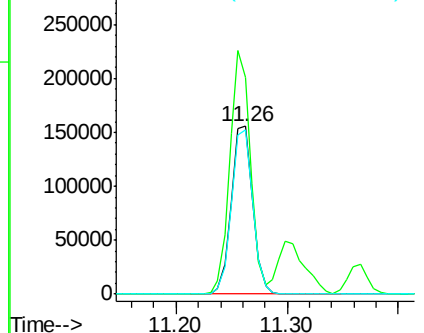
158 97.7 48.9 146.6

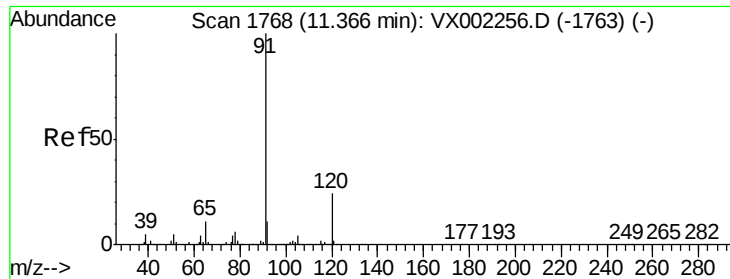


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 48.81 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

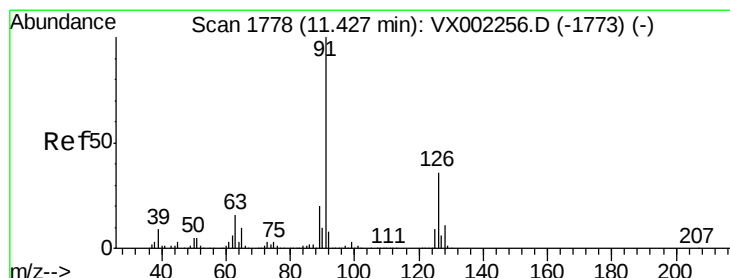
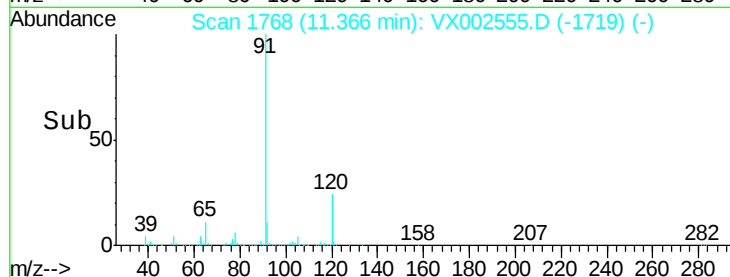
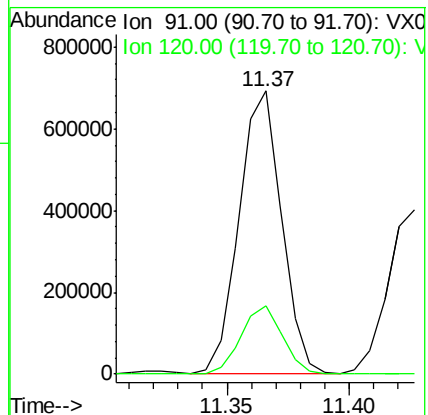
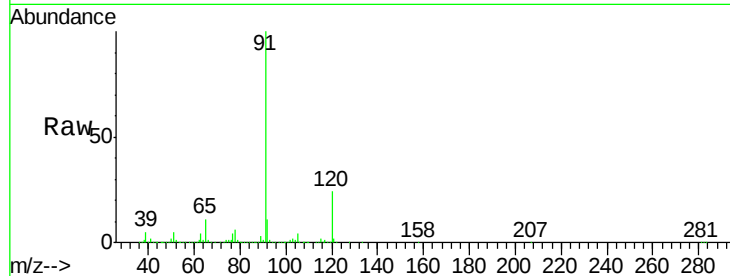
ClientSampled :

Tot Ion: 91 Resp: 835828

Ion Ratio Lower Upper

91 100

120 23.9 11.8 35.4



#79

2-Chlorotoluene

Concen: 46.16 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002555.D

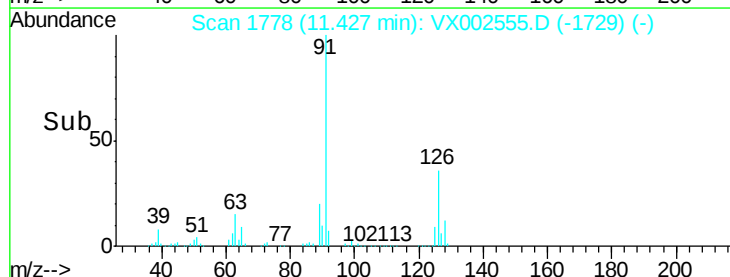
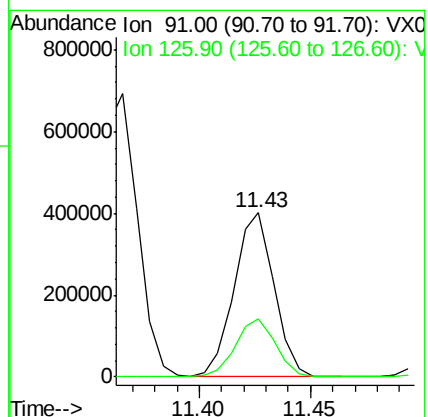
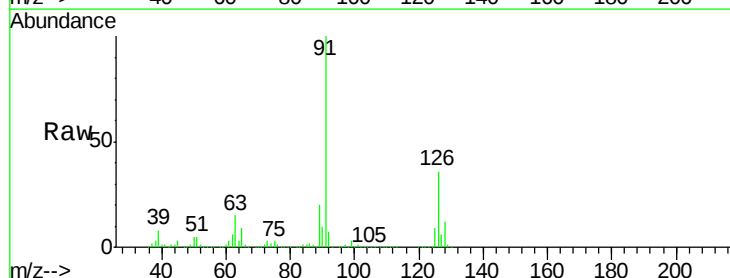
Acq: 14 Jun 2018 16:46

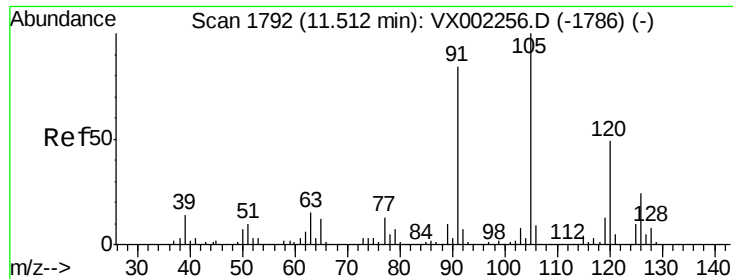
Tgt Ion: 91 Resp: 499196

Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1

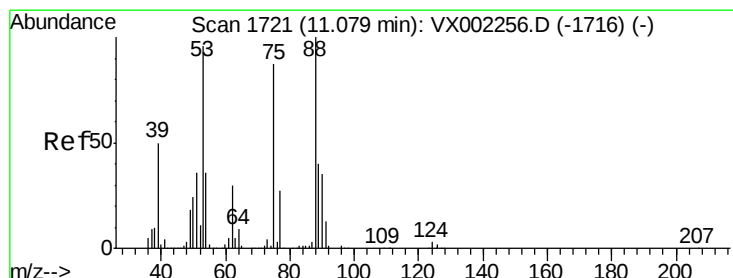
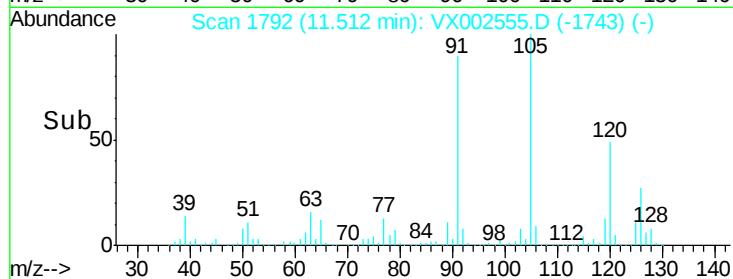
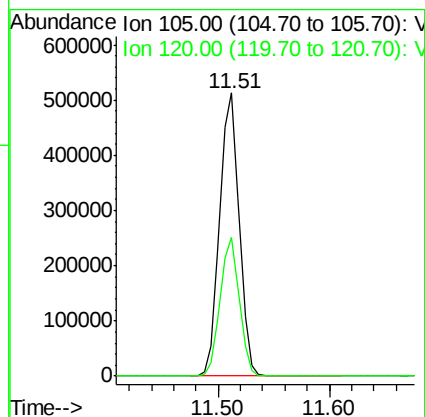
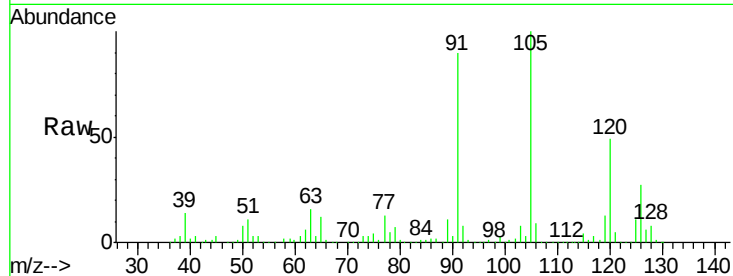




#80
 1,3,5-Trimethylbenzene
 Concen: 47.02 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

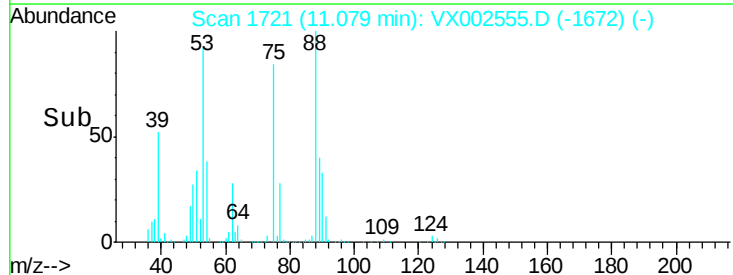
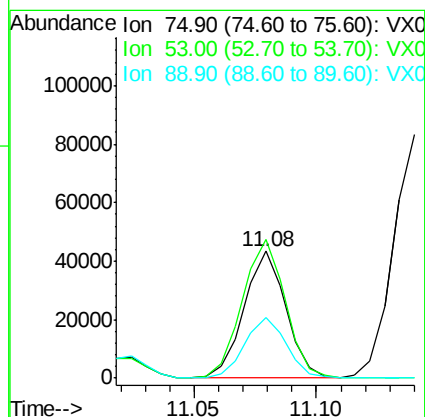
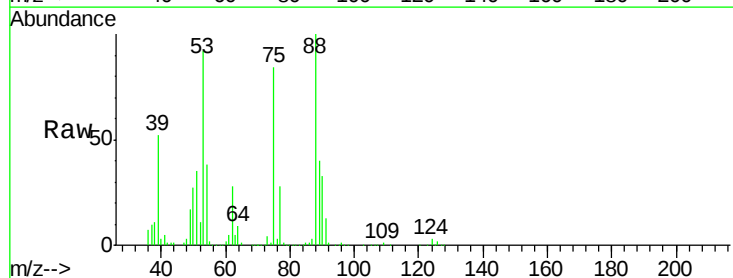
Instrument :
 MSVOA_X
 ClientSampled :

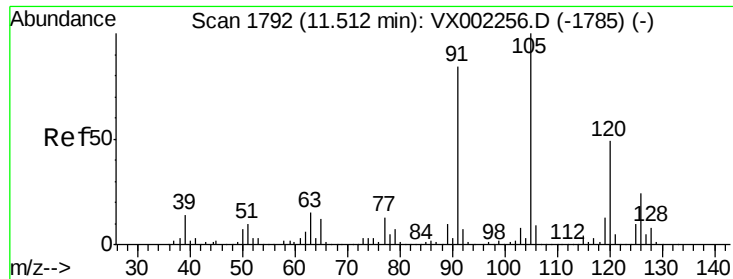
Tot Ion:105 Resp: 621356
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 37.38 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion: 75 Resp: 51823
 Ion Ratio Lower Upper
 75 100
 53 111.1 86.8 130.2
 89 46.9 38.2 57.2

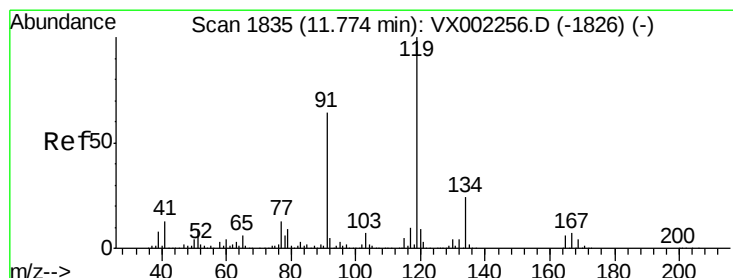
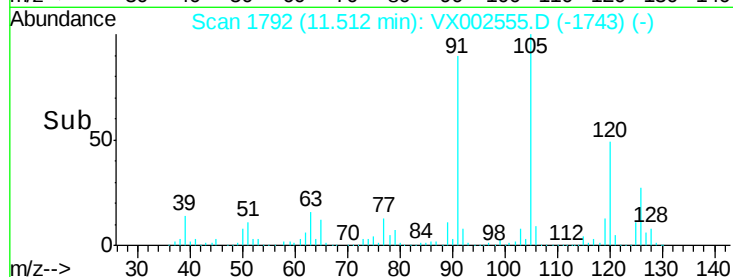
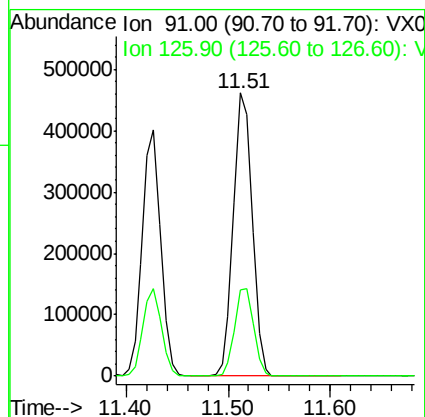
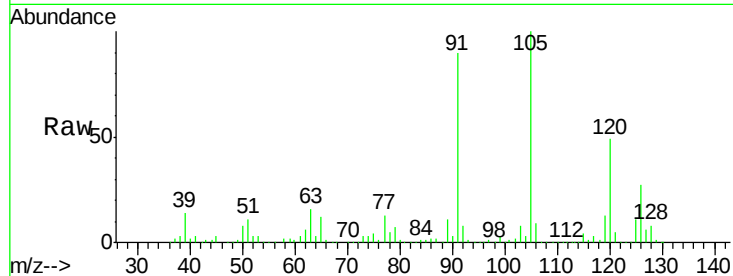




#82
4-Chlorotoluene
Concen: 47.23 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

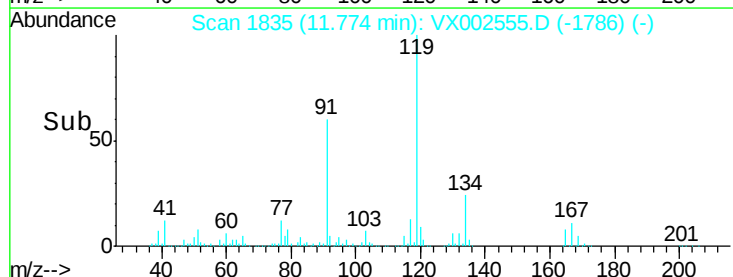
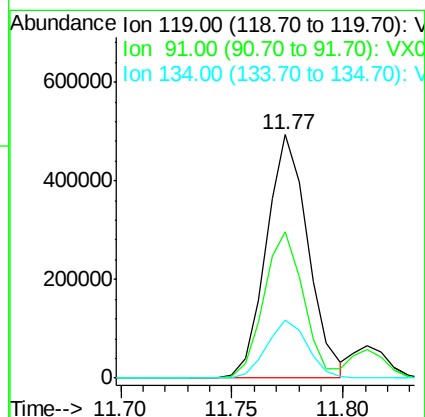
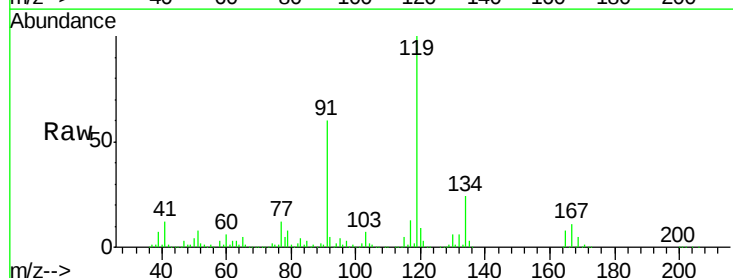
Instrument :
MSVOA_X
ClientSampleId :

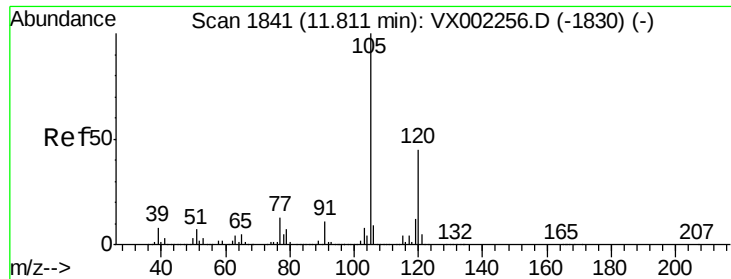
Tot Ion: 91 Resp: 589542
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.4



#83
tert-Butylbenzene
Concen: 49.91 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion: 119 Resp: 642367
Ion Ratio Lower Upper
119 100
91 57.7 30.3 90.9
134 23.2 11.7 35.1

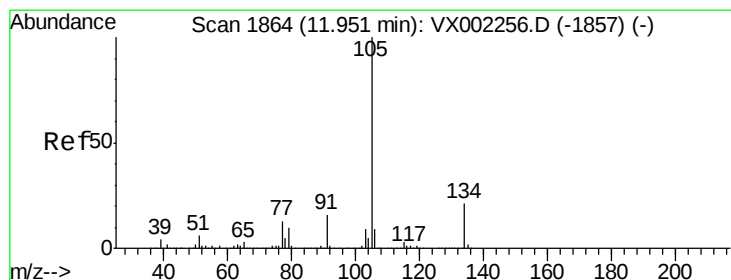
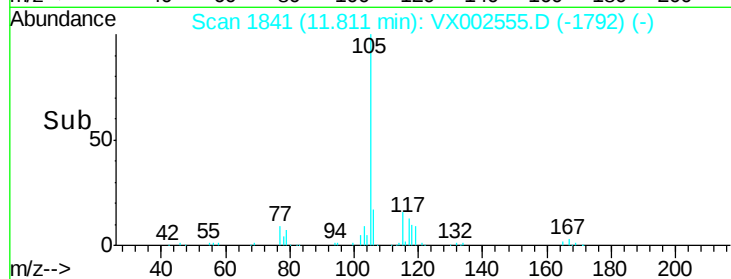
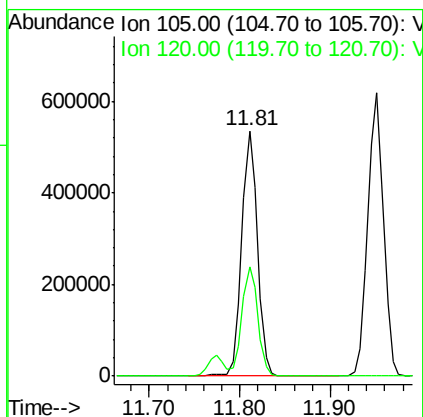
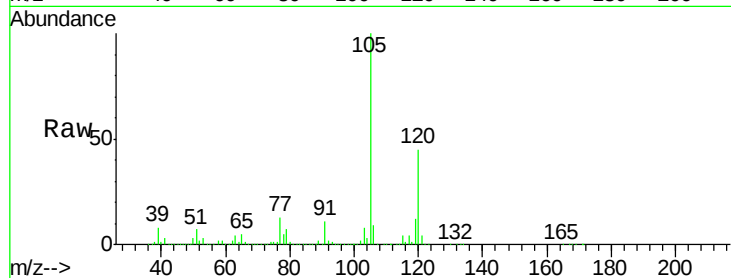




#84
 1,2,4-Trimethylbenzene
 Concen: 47.30 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

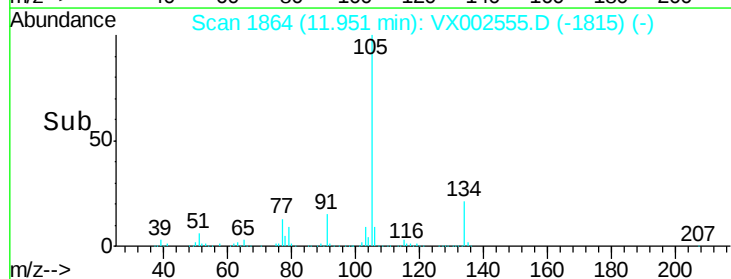
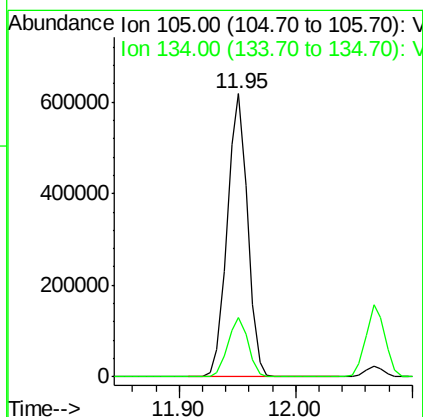
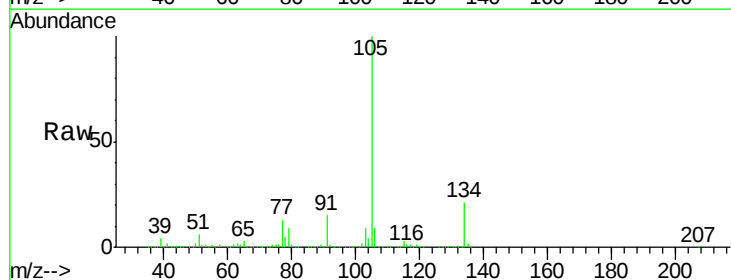
Instrument :
 MSVOA_X
 ClientSampleId :

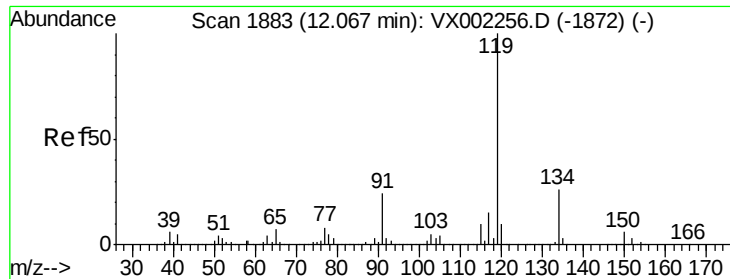
Tot Ion:105 Resp: 643506
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 49.34 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion:105 Resp: 744416
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1

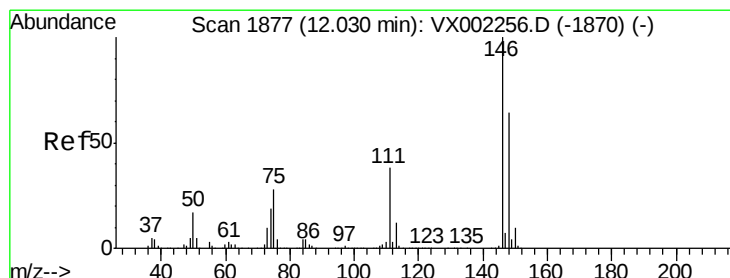
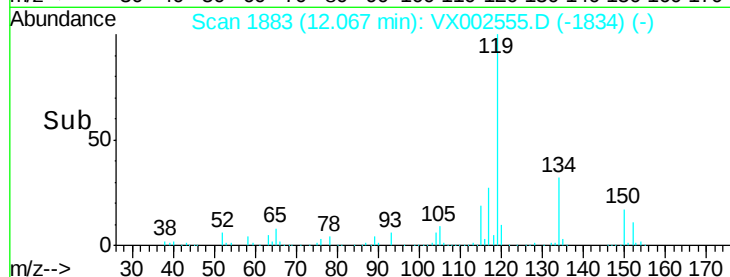
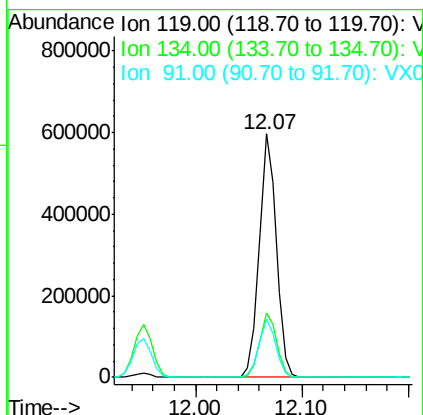
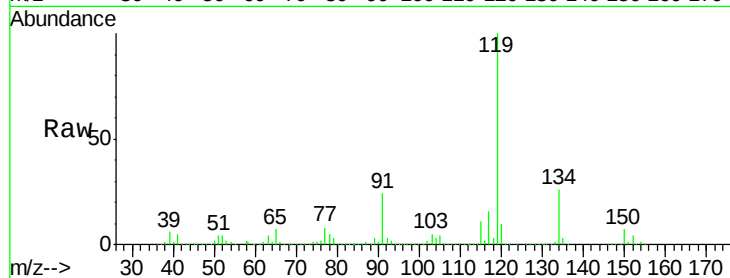




#86
 p-Isopropyltoluene
 Concen: 49.10 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

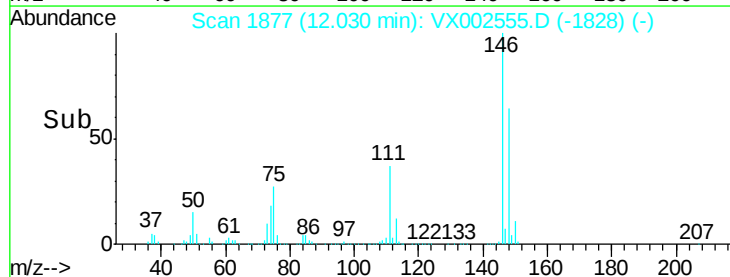
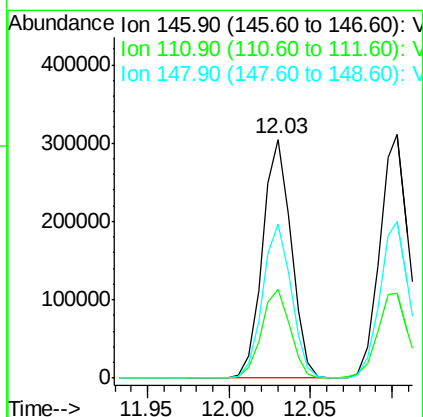
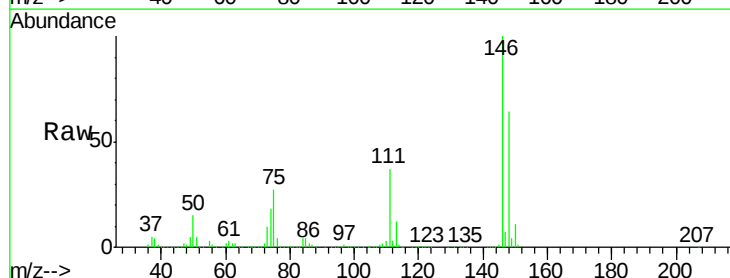
Instrument :
 MSVOA_X
 ClientSampleId :

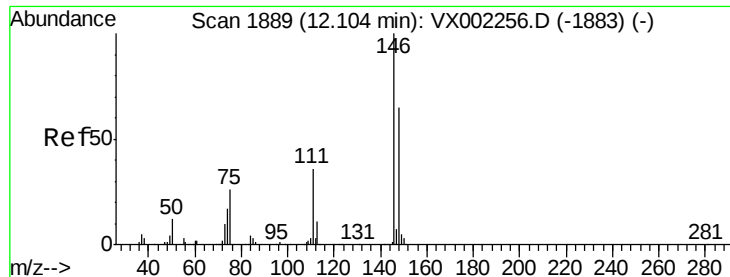
Tot Ion:119 Resp: 674756
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.1
 91 23.8 11.9 35.7



#87
 1,3-Dichlorobenzene
 Concen: 48.10 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion:146 Resp: 372049
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 64.3 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 47.81 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampled :

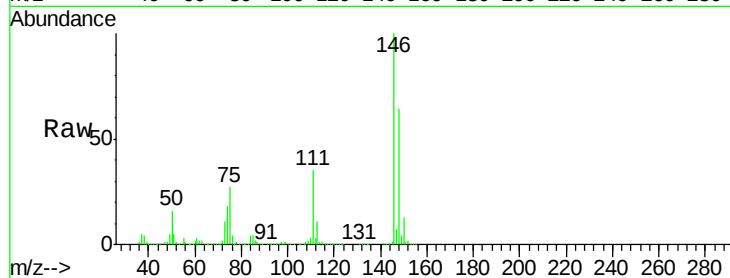
Tot Ion:146 Resp: 381165

Ion Ratio Lower Upper

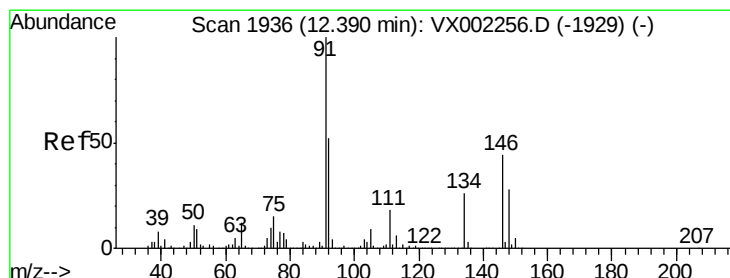
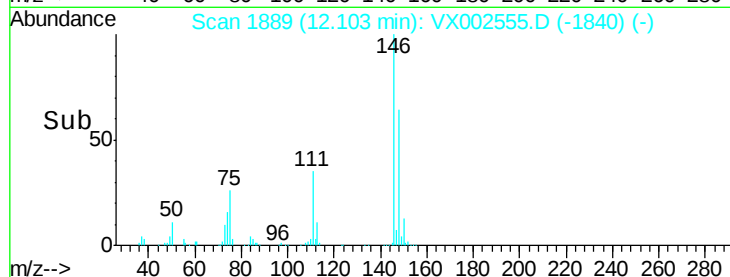
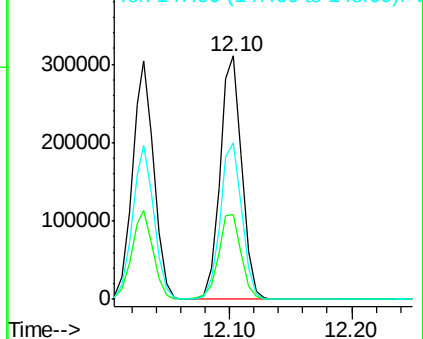
146 100

111 36.5 18.7 56.1

148 64.4 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: 50.38 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

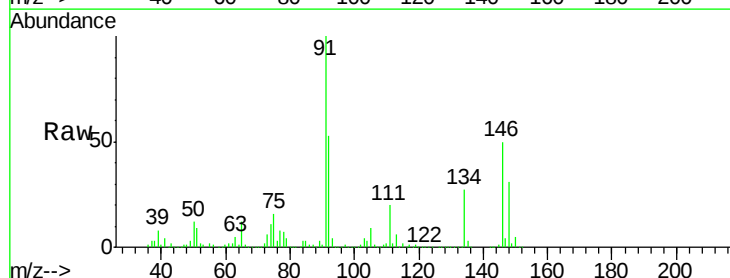
Tgt Ion: 91 Resp: 580672

Ion Ratio Lower Upper

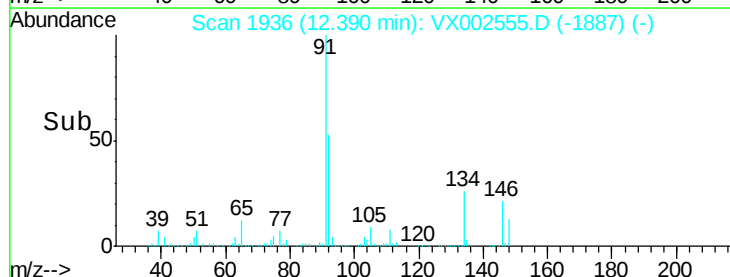
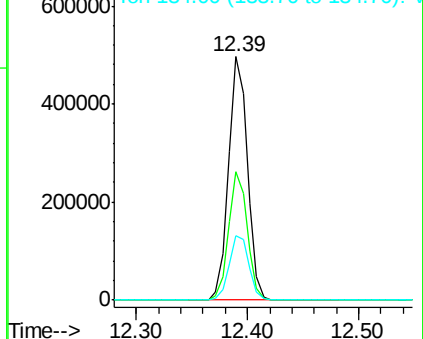
91 100

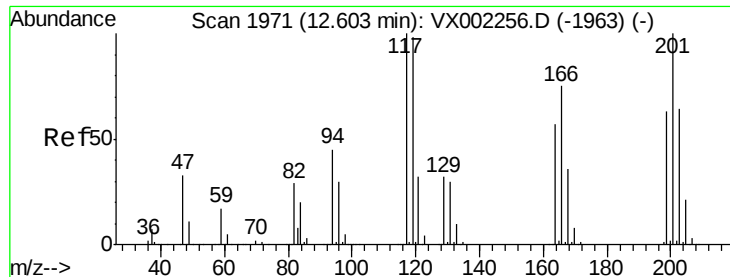
92 52.1 26.0 78.0

134 27.5 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 48.90 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

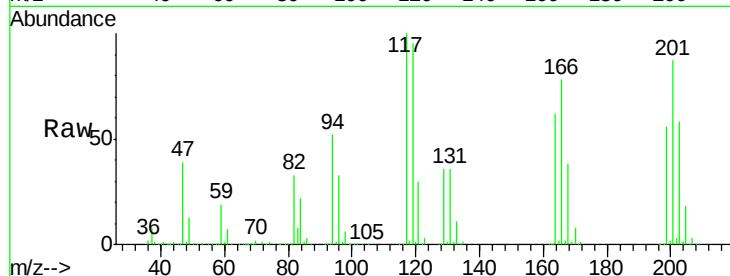
ClientSampleId :

Tot Ion:117 Resp: 107265

Ion Ratio Lower Upper

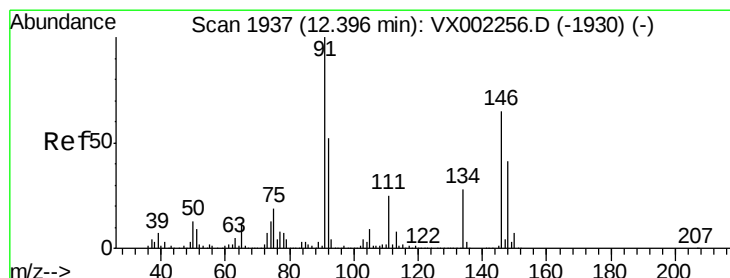
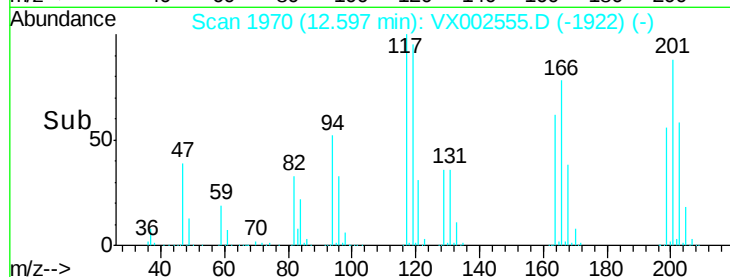
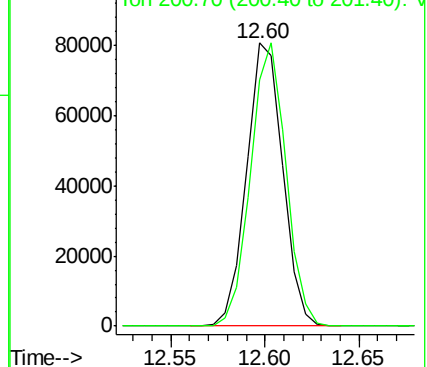
117 100

201 97.5 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.70 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

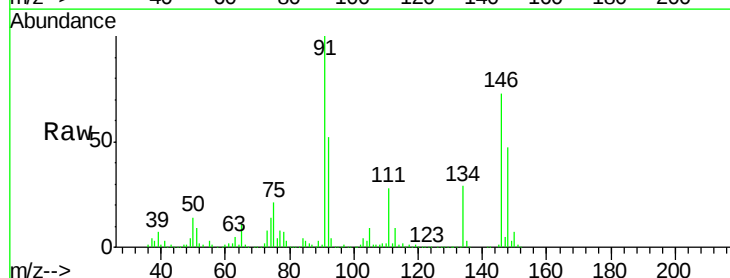
Tgt Ion:146 Resp: 381745

Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.1

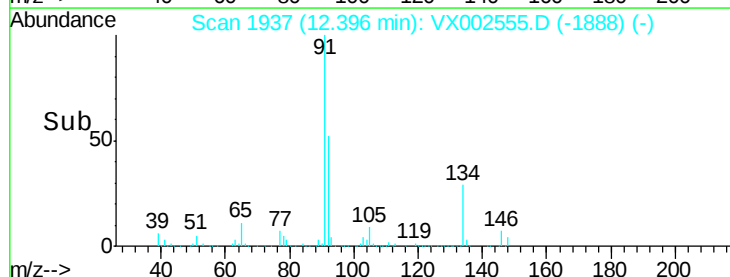
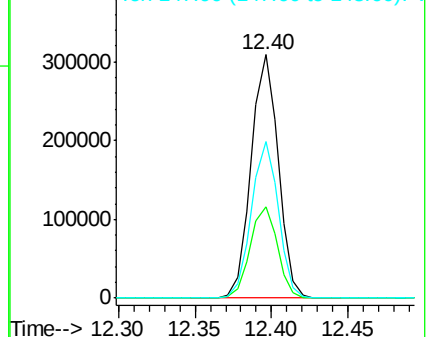
148 63.9 31.7 95.1

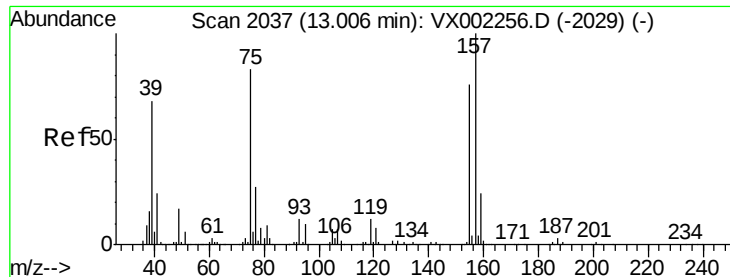


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.64 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

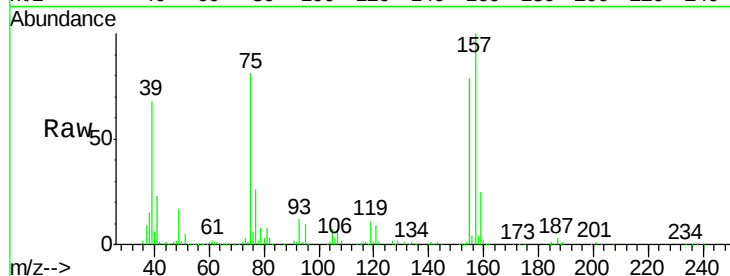
Tot Ion: 75 Resp: 55784

Ion Ratio Lower Upper

75 100

155 93.9 45.8 137.4

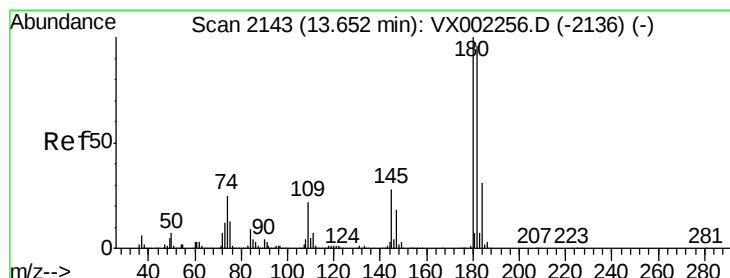
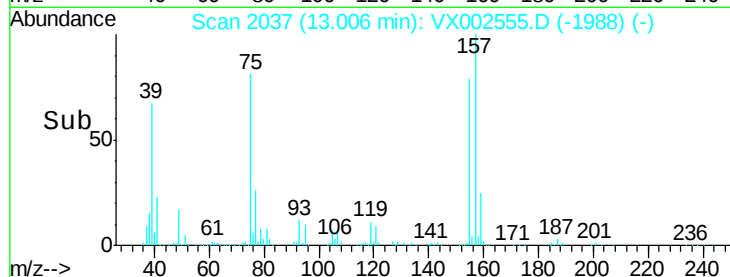
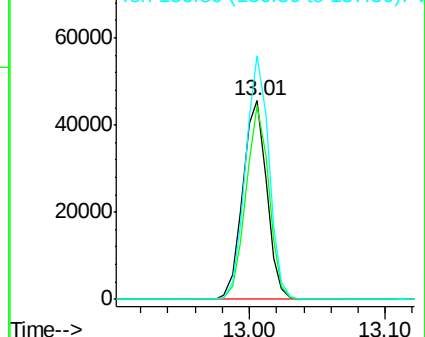
157 120.1 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX002256.D (-2029) (-)

Ion 154.80 (154.50 to 155.50): VX002256.D (-2029) (-)

Ion 156.80 (156.50 to 157.50): VX002256.D (-2029) (-)



#93

1,2,4-Trichlorobenzene

Concen: 50.61 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

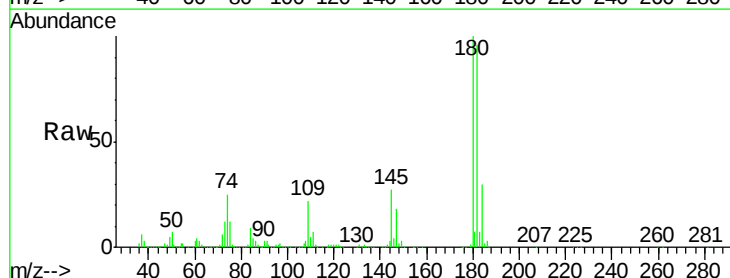
Tgt Ion: 180 Resp: 283998

Ion Ratio Lower Upper

180 100

182 95.6 47.7 143.1

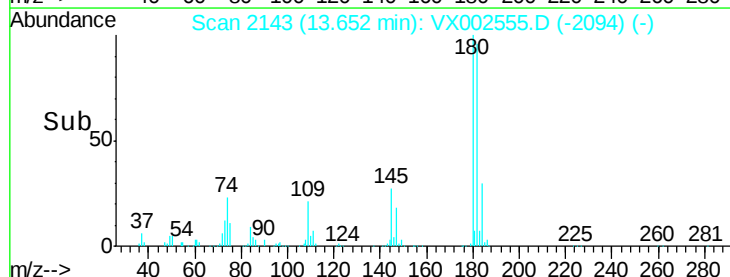
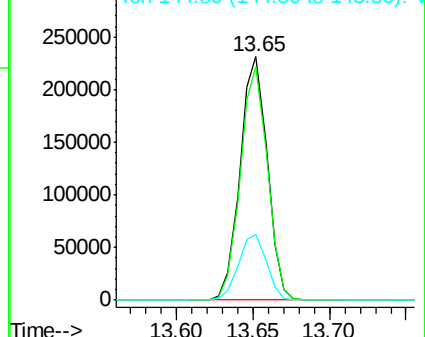
145 27.9 14.1 42.4

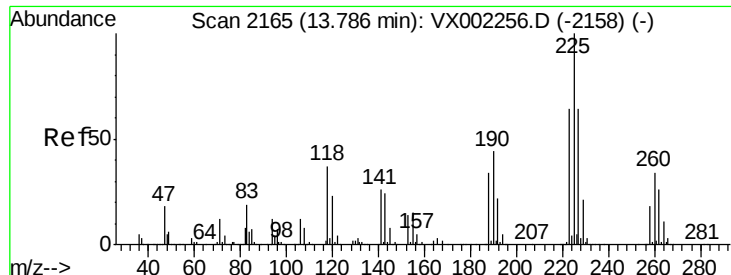


Abundance Ion 179.80 (179.50 to 180.50): VX002256.D (-2136) (-)

Ion 181.80 (181.50 to 182.50): VX002256.D (-2136) (-)

Ion 144.80 (144.50 to 145.50): VX002256.D (-2136) (-)

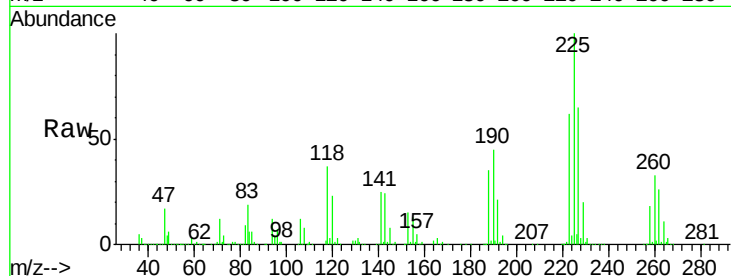




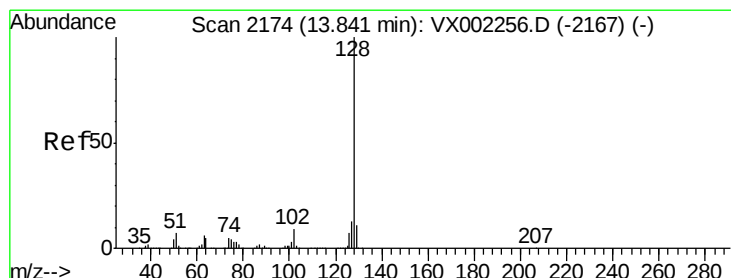
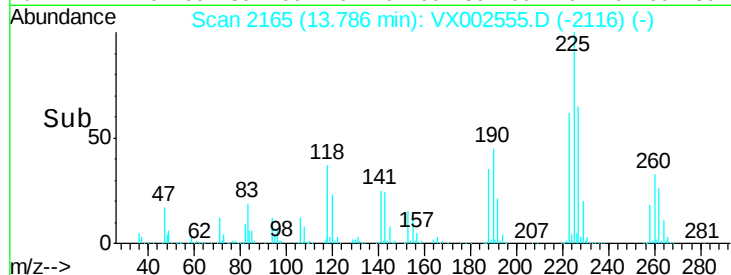
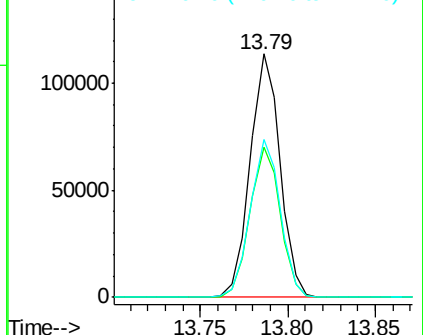
#94
Hexachlorobutadiene
Concen: 48.81 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:225 Resp: 135338
Ion Ratio Lower Upper
225 100
223 62.4 31.6 95.0
227 64.6 32.4 97.2

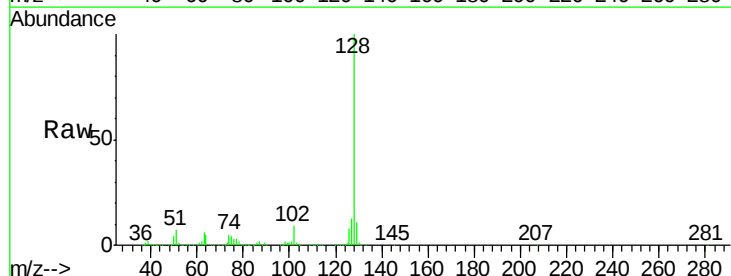


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

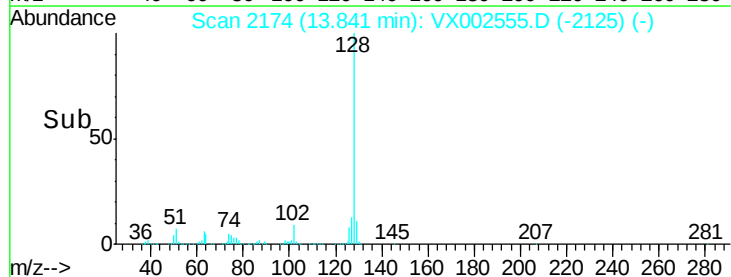
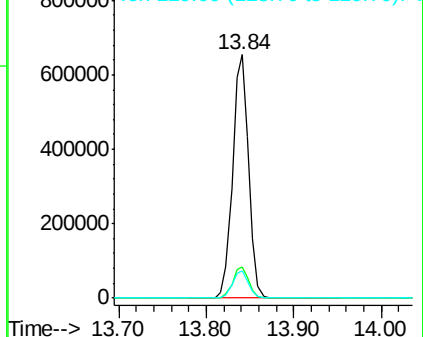


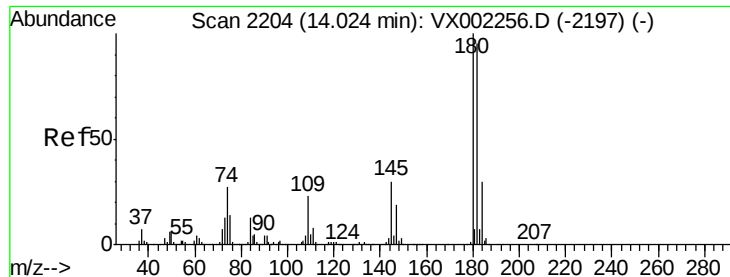
#95
Naphthalene
Concen: 51.60 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion:128 Resp: 831895
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0



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

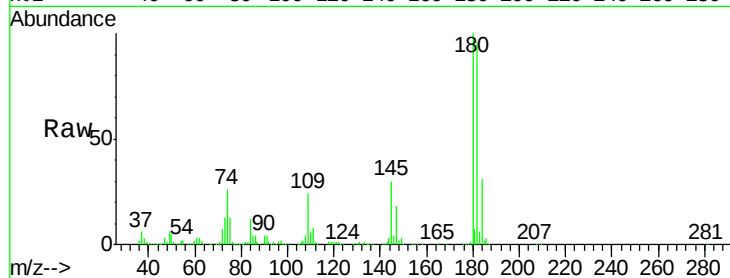




#96
 1,2,3-Trichlorobenzene
 Concen: 50.58 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.0	144.0
145	29.8	14.8	44.3



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

