

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002263.D
 Acq On : 04 Jun 2018 16:34
 Operator : JC/MD
 Sample : VX0604WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 04:59:08 2018
 Quant Method : Y:\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	266166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	385457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217915	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	190467	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	5.51	113	139854	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
50) Toluene-d8	8.72	98	530848	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
62) 4-Bromofluorobenzene	11.14	95	198634	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55944	20.22	ug/l	100
3) Chloromethane	1.32	50	67711	19.61	ug/l	100
4) Vinyl Chloride	1.41	62	68719	19.71	ug/l	99
5) Bromomethane	1.64	94	48368	22.69	ug/l	99
6) Chloroethane	1.73	64	44081	19.54	ug/l	94
7) Trichlorofluoromethane	1.93	101	109181	20.55	ug/l	98
8) Diethyl Ether	2.19	74	42911	21.35	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	62101	21.66	ug/l	98
10) Methyl Iodide	2.51	142	65816	16.32	ug/l	99
11) Tert butyl alcohol	3.07	59	95478	111.43	ug/l	100
12) 1,1-Dichloroethene	2.38	96	55360	19.54	ug/l	97
13) Acrolein	2.30	56	44584	112.61	ug/l	98
14) Allyl chloride	2.73	41	116543	18.95	ug/l	100
15) Acrylonitrile	3.15	53	189267	111.47	ug/l	100
16) Acetone	2.45	43	195644	108.68	ug/l	98
17) Carbon Disulfide	2.57	76	133715	17.90	ug/l	99
18) Methyl Acetate	2.78	43	90314	22.18	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	227985	21.75	ug/l	99
20) Methylene Chloride	2.86	84	67827	20.93	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	59815	19.14	ug/l	96
22) Diisopropyl ether	3.88	45	215033	20.04	ug/l	98
23) Vinyl Acetate	3.83	43	955028	95.80	ug/l	100
24) 1,1-Dichloroethane	3.70	63	118406	19.48	ug/l	100
25) 2-Butanone	4.71	43	264818	101.47	ug/l	100
26) 2,2-Dichloropropane	4.59	77	85765	18.05	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	63523	18.69	ug/l	95
28) Bromochloromethane	5.03	49	60811	21.50	ug/l	100
29) Tetrahydrofuran	5.17	42	170686	101.44	ug/l	100
30) Chloroform	5.22	83	111988	19.10	ug/l	95
31) Cyclohexane	5.57	56	98288	20.45	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	95573	19.22	ug/l	99
36) 1,1-Dichloropropene	5.81	75	78263	19.31	ug/l	99
37) Ethyl Acetate	4.87	43	102018	20.93	ug/l	99
38) Carbon Tetrachloride	5.79	117	82016	19.35	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97069	19.55	ug/l	99
40) Benzene	6.15	78	244284	19.66	ug/l	100
41) Methacrylonitrile	5.07	41	57547	20.63	ug/l	99
42) 1,2-Dichloroethane	6.20	62	99923	20.24	ug/l	100
43) Isopropyl Acetate	6.47	43	166238	20.08	ug/l	100
44) Trichloroethene	7.22	130	68959	20.00	ug/l	98
45) 1,2-Dichloropropane	7.52	63	66623	19.86	ug/l	98
46) Dibromomethane	7.67	93	45093	19.83	ug/l	99
47) Bromodichloromethane	7.90	83	78246	19.03	ug/l	99
48) Methyl methacrylate	7.78	41	85919	20.66	ug/l	99
49) 1,4-Dioxane	7.76	88	33557	431.65	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	547693	106.25	ug/l	99
52) Toluene	8.79	92	155593	19.69	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	96164	19.50	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	89939	19.33	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	66034	20.32	ug/l	98
56) Ethyl methacrylate	9.18	69	102783	19.81	ug/l	99
57) 1,3-Dichloropropane	9.38	76	110712	20.30	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	247872	103.21	ug/l	100
59) 2-Hexanone	9.50	43	414494	104.11	ug/l	100
60) Dibromochloromethane	9.59	129	63858	19.53	ug/l	98
61) 1,2-Dibromoethane	9.68	107	68752	20.29	ug/l	99
64) Tetrachloroethene	9.34	164	76332	20.33	ug/l	99
65) Chlorobenzene	10.14	112	178388	19.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64044	19.52	ug/l	99
67) Ethyl Benzene	10.26	91	302904	19.98	ug/l	99
68) m/p-Xylenes	10.36	106	231437	39.26	ug/l	100
69) o-Xylene	10.70	106	115891	19.76	ug/l	99
70) Styrene	10.71	104	187697	19.57	ug/l	99
71) Bromoform	10.86	173	46828	18.29	ug/l	# 100
73) Isopropylbenzene	11.02	105	307246	20.27	ug/l	100
74) N-amyl acetate	6.47	43	166238	20.35	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	95742	20.08	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	111092	23.23	ug/l	81
77) Bromobenzene	11.26	156	84625	19.88	ug/l	100
78) n-propylbenzene	11.37	91	345933	20.53	ug/l	100
79) 2-Chlorotoluene	11.43	91	208023	19.55	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	260958	20.07	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25365	18.59	ug/l	90
82) 4-Chlorotoluene	11.51	91	242752	19.77	ug/l	99
83) tert-Butylbenzene	11.77	119	253534	20.02	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	266229	19.89	ug/l	99
85) sec-Butylbenzene	11.95	105	310713	20.93	ug/l	99
86) p-Isopropyltoluene	12.07	119	277046	20.49	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148412	19.50	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	151041	19.26	ug/l	99
89) n-Butylbenzene	12.39	91	228923	20.19	ug/l	99
90) Hexachloroethane	12.60	117	39645	18.37	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	155188	19.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20559	19.72	ug/l	99

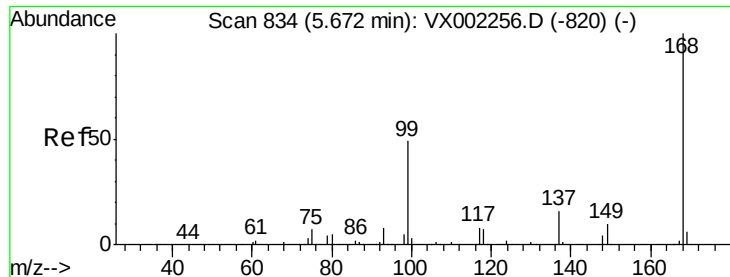
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106225	19.24	ug/l	100
94) Hexachlorobutadiene	13.79	225	56101	20.56	ug/l	100
95) Naphthalene	13.84	128	326262	20.57	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112200	19.93	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: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

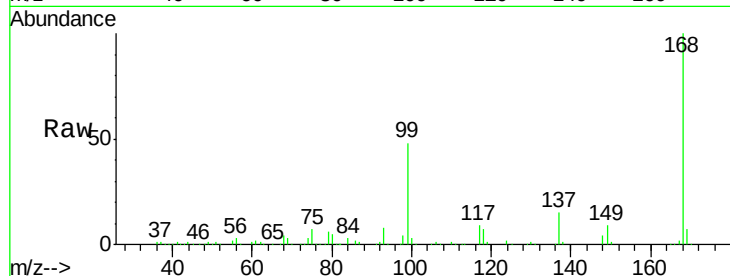
ClientSampleId :

Tot Ion:168 Resp: 266166

Ion Ratio Lower Upper

168 100

99 48.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

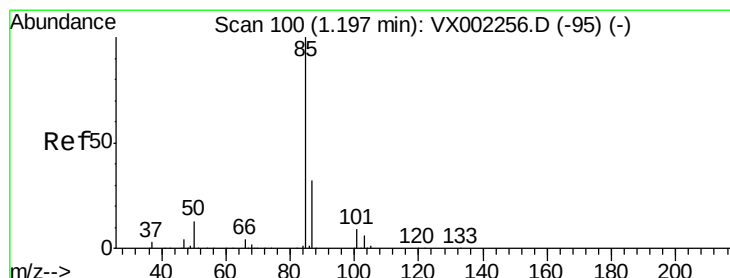
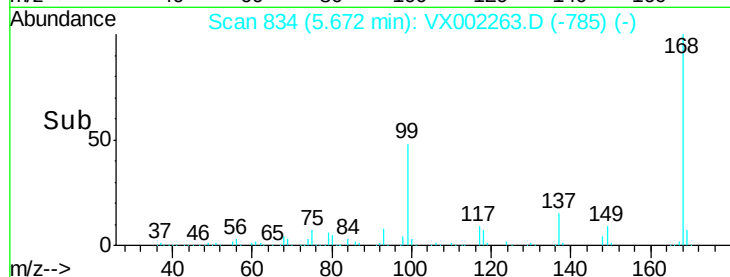
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.22 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002263.D

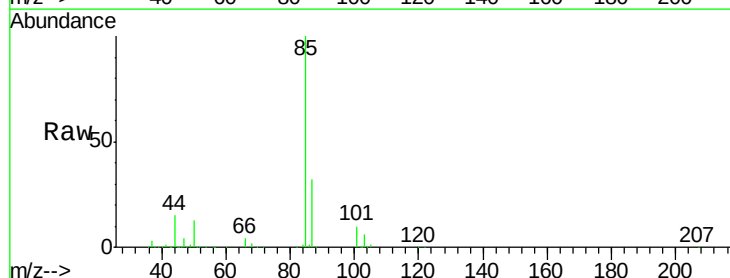
Acq: 04 Jun 2018 16:34

Tgt Ion: 85 Resp: 55944

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

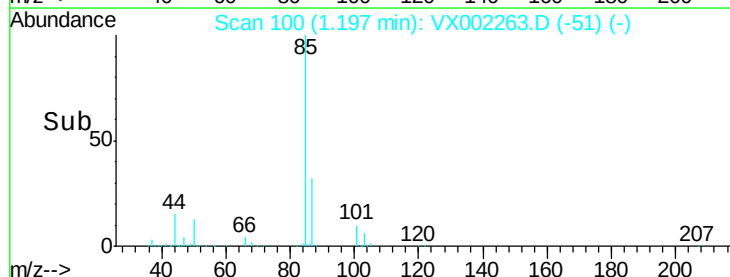
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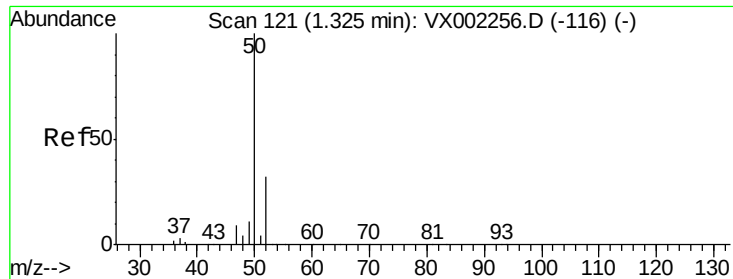
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.61 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

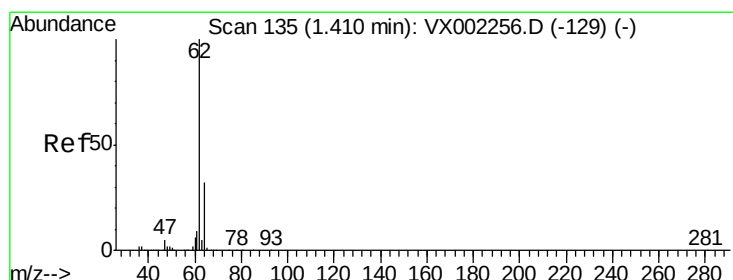
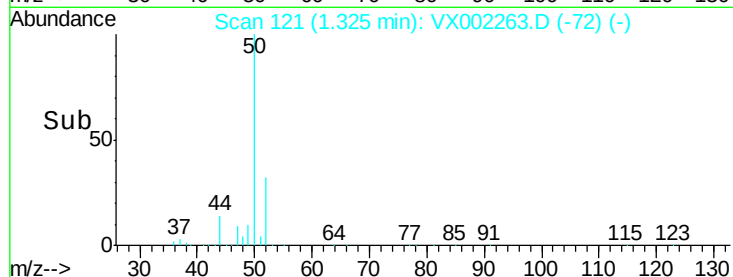
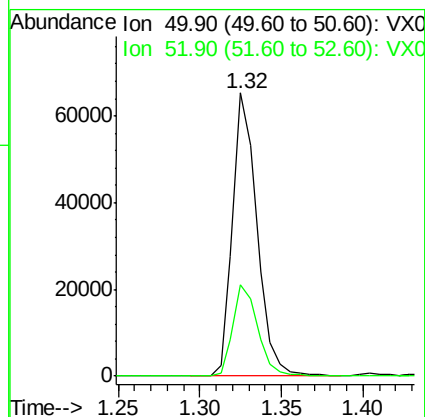
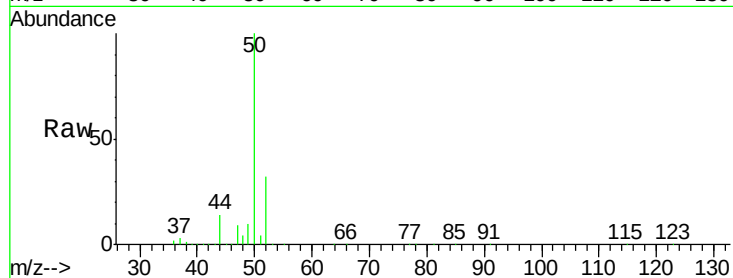
ClientSampled :

Tot Ion: 50 Resp: 67711

Ion Ratio Lower Upper

50 100

52 32.0 25.7 38.5



#4

Vinyl Chloride

Concen: 19.71 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002263.D

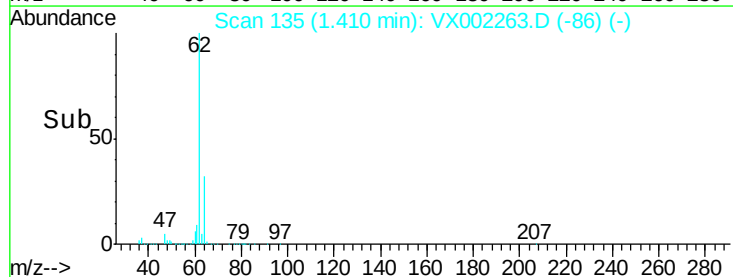
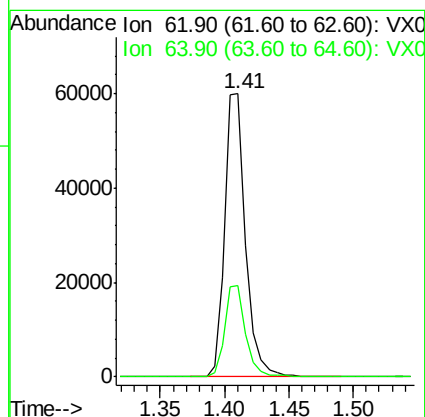
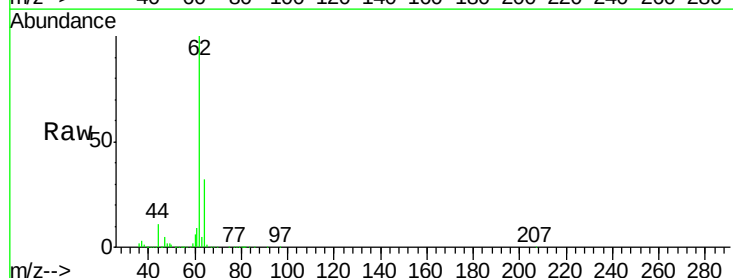
Acq: 04 Jun 2018 16:34

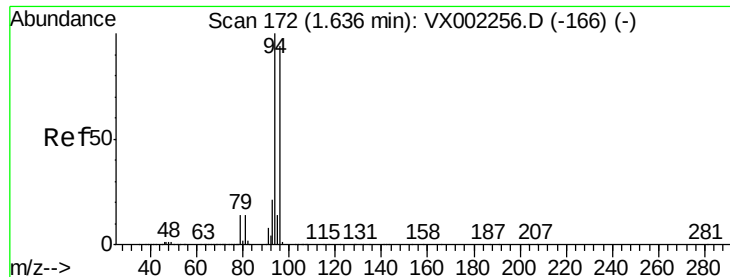
Tgt Ion: 62 Resp: 68719

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 22.69 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

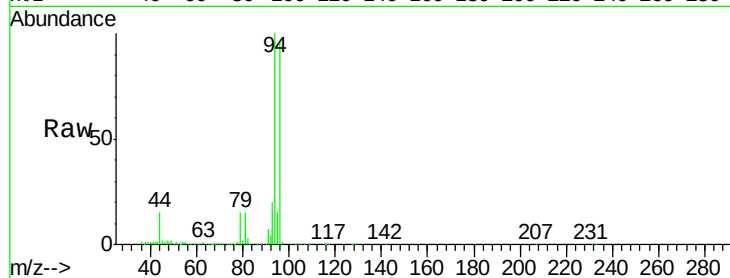
ClientSampleId :

Tot Ion: 94 Resp: 48368

Ion Ratio Lower Upper

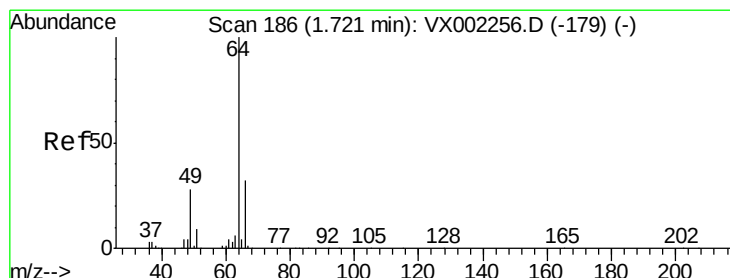
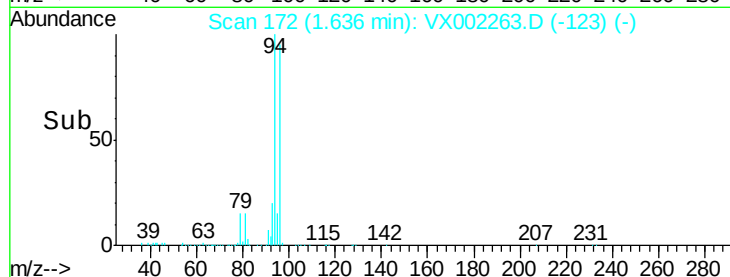
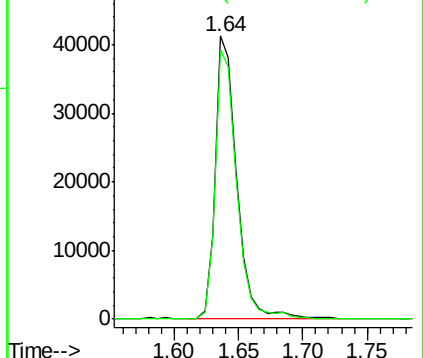
94 100

96 94.9 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: 19.54 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002263.D

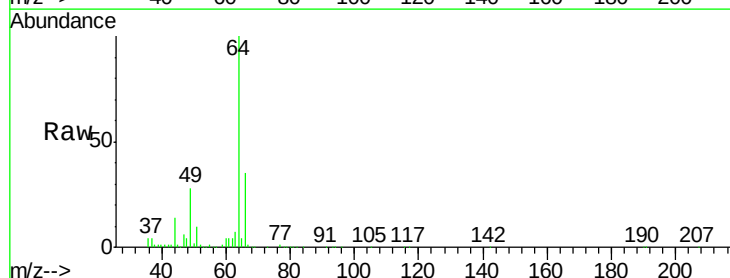
Acq: 04 Jun 2018 16:34

Tgt Ion: 64 Resp: 44081

Ion Ratio Lower Upper

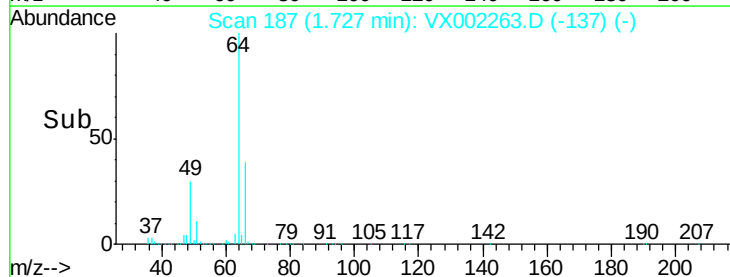
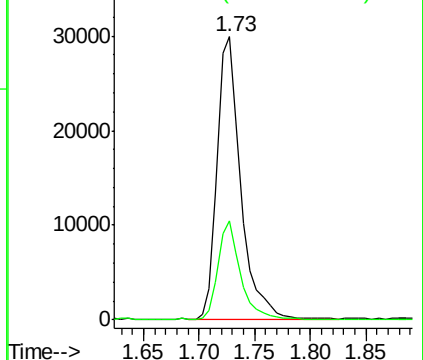
64 100

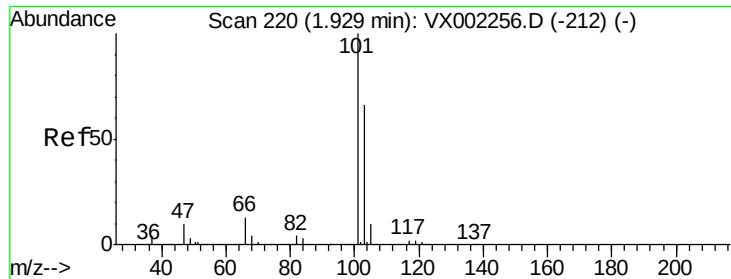
66 35.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



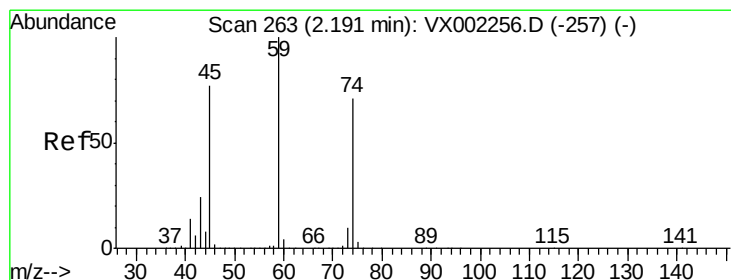
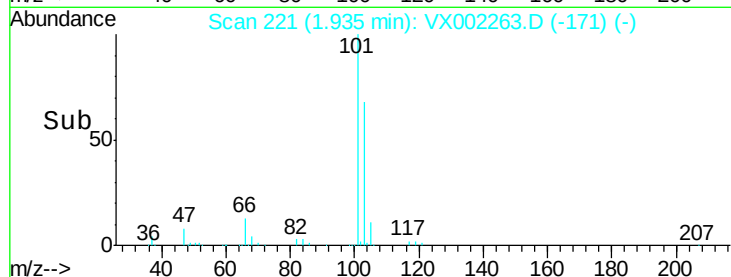
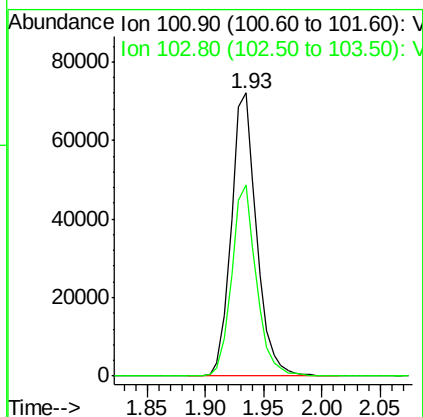
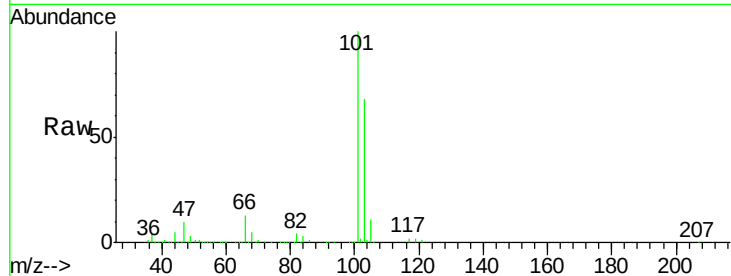


#7

Trichlorofluoromethane
 Concen: 20.55 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleId :

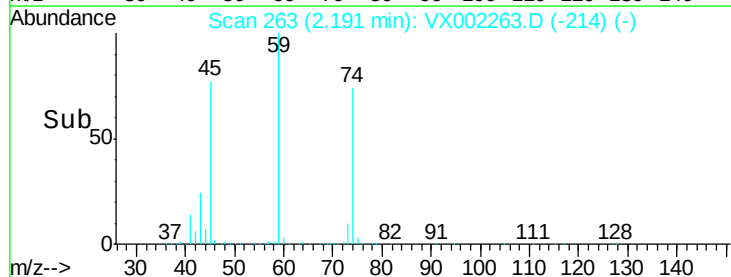
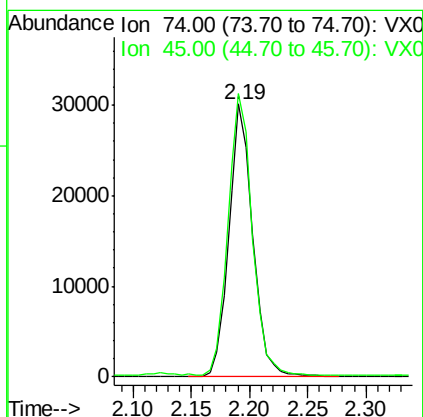
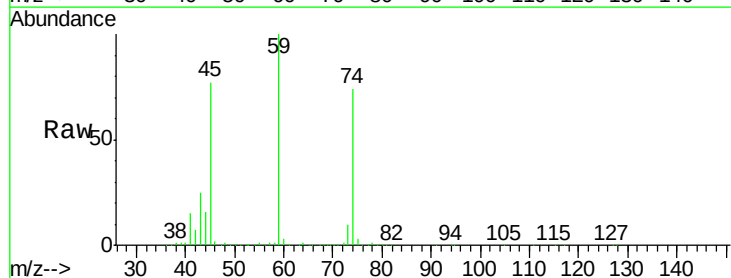
Tot Ion:101 Resp: 109181
 Ion Ratio Lower Upper
 101 100
 103 67.6 52.8 79.2

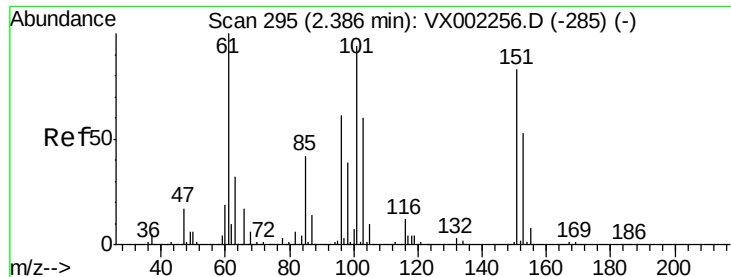


#8

Diethyl Ether
 Concen: 21.35 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion: 74 Resp: 42911
 Ion Ratio Lower Upper
 74 100
 45 104.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.66 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

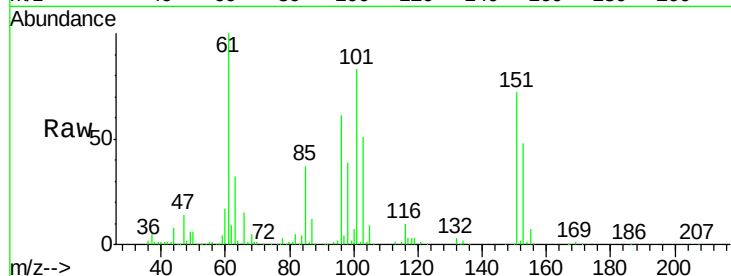
Tot Ion:101 Resp: 62101

Ion Ratio Lower Upper

101 100

85 45.6 36.0 54.0

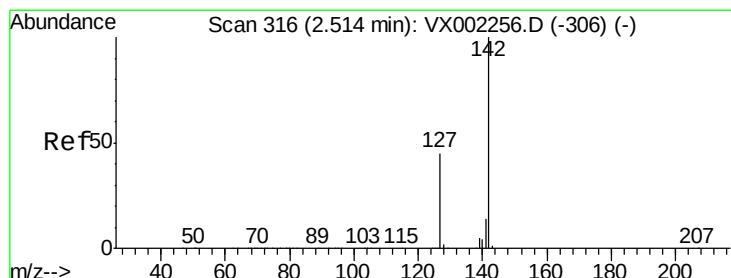
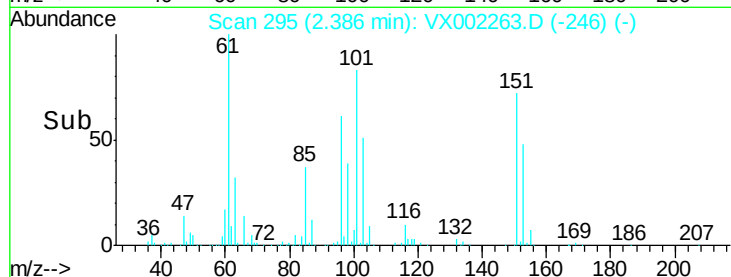
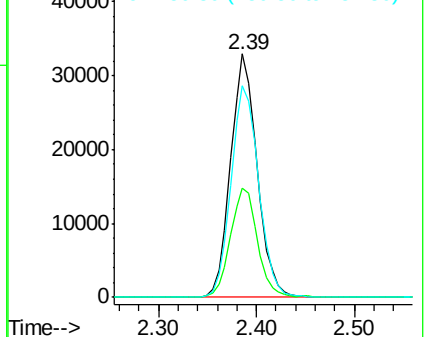
151 90.4 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.32 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

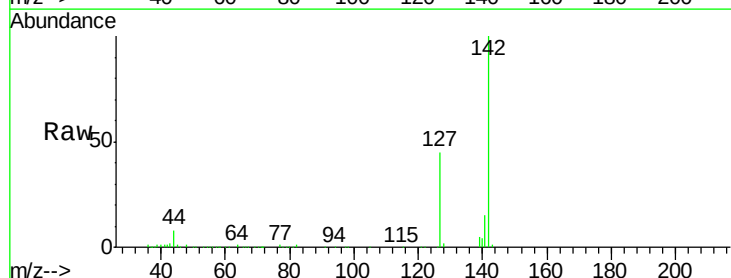
Tgt Ion:142 Resp: 65816

Ion Ratio Lower Upper

142 100

127 46.4 36.6 55.0

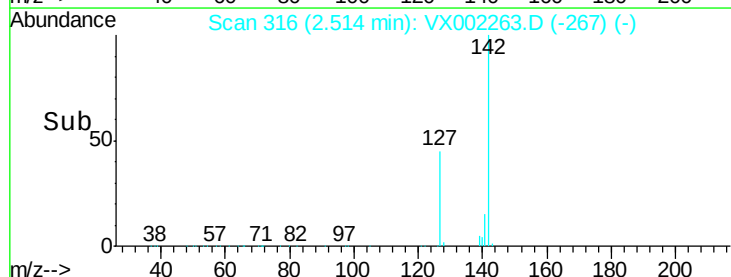
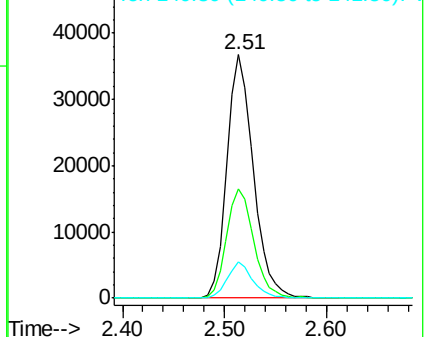
141 14.4 11.3 16.9

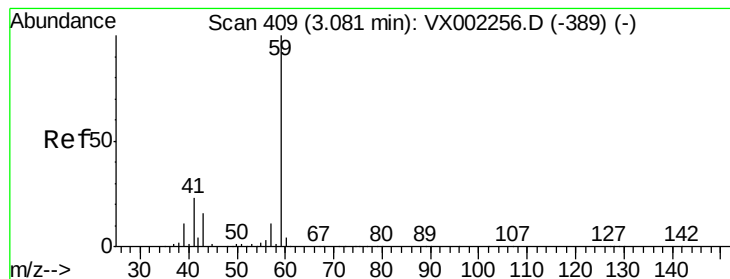


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



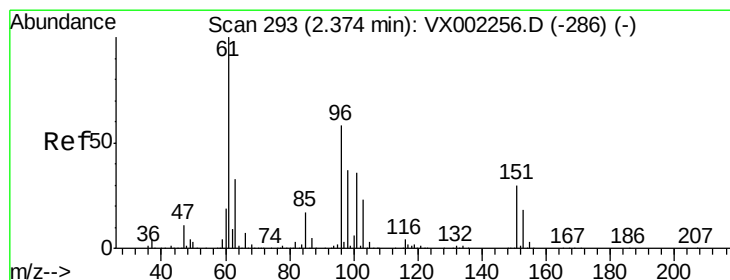
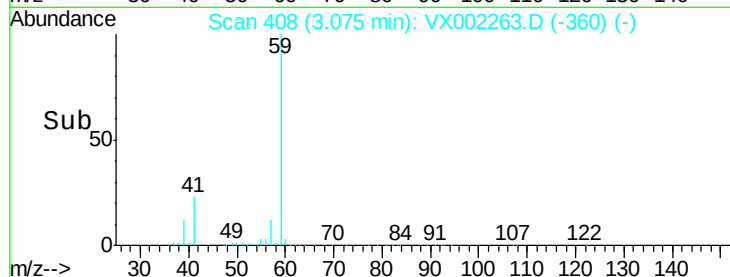
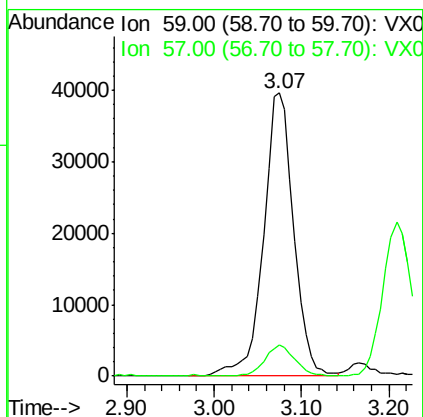
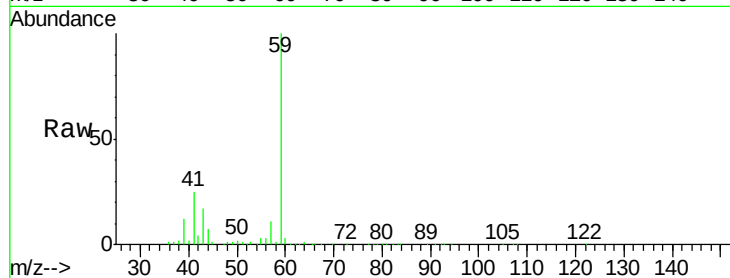


#11

Tert butyl alcohol
 Concen: 111.43 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Instrument :
 MSVOA_X
 ClientSampled :

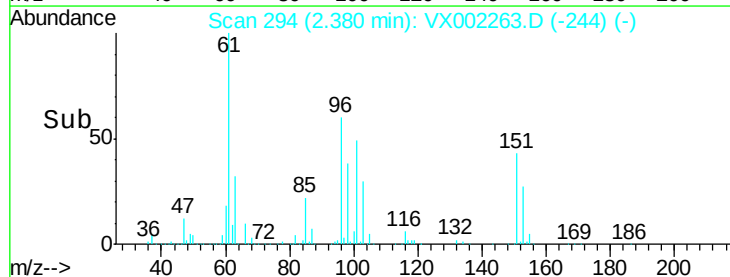
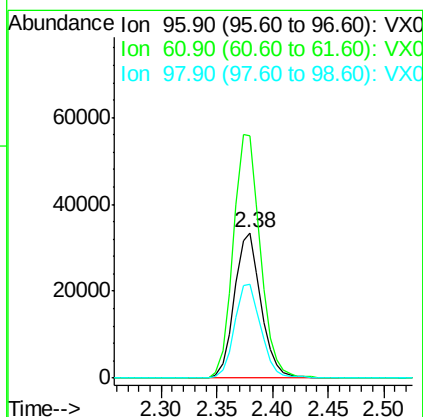
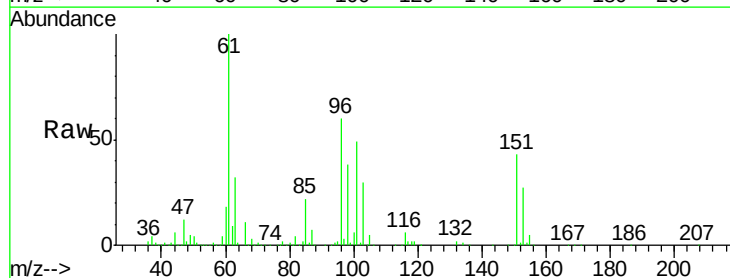
Tot Ion: 59 Resp: 95478
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

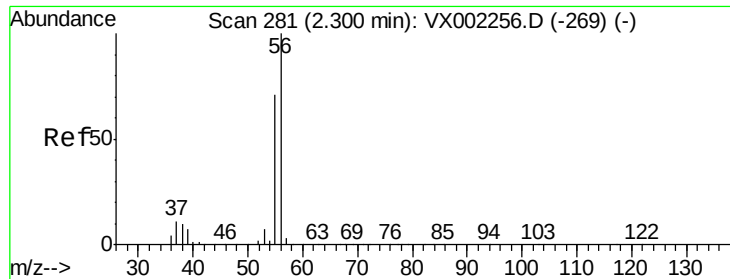


#12

1,1-Dichloroethene
 Concen: 19.54 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion: 96 Resp: 55360
 Ion Ratio Lower Upper
 96 100
 61 166.9 137.9 206.9
 98 64.1 51.6 77.4





#13

Acrolein

Concen: 112.61 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

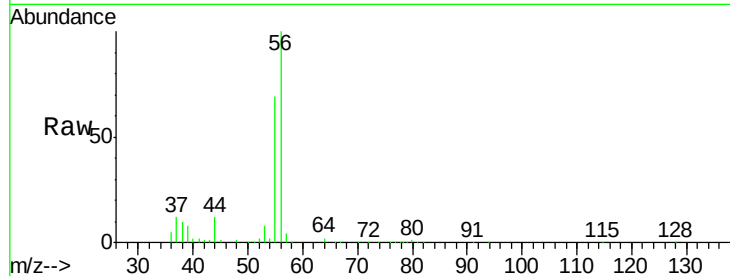
ClientSampleId :

Tot Ion: 56 Resp: 44584

Ion Ratio Lower Upper

56 100

55 69.2 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

30000

25000

20000

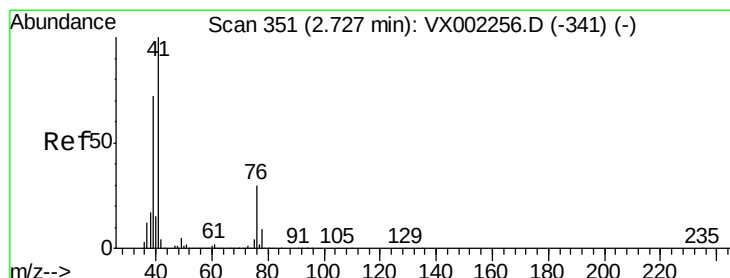
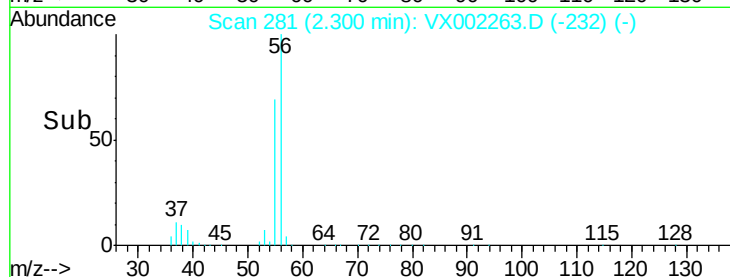
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 18.95 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

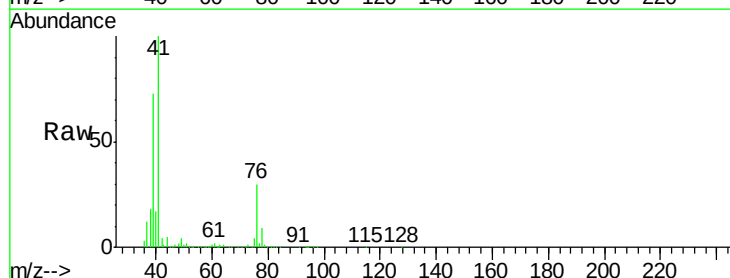
Tgt Ion: 41 Resp: 116543

Ion Ratio Lower Upper

41 100

39 71.1 56.8 85.2

76 29.2 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

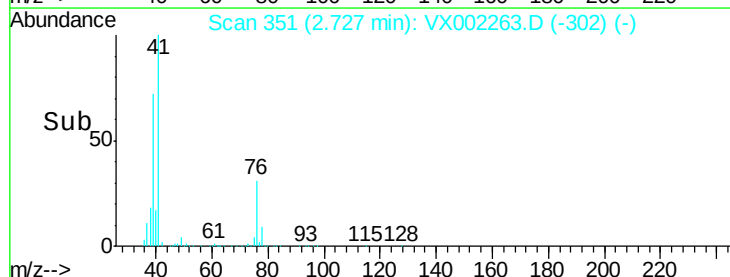
60000

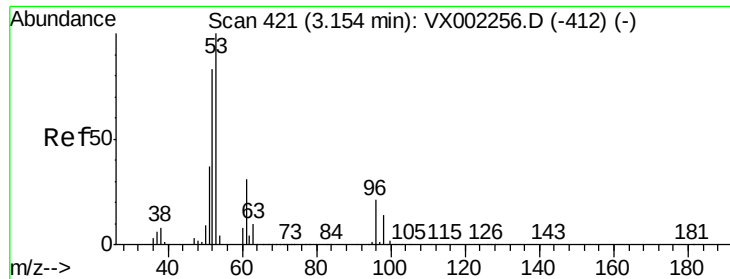
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 111.47 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

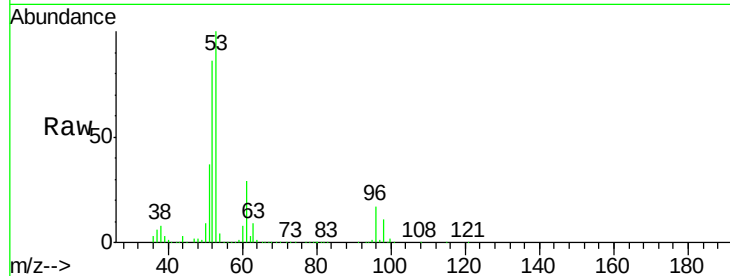
Tot Ion: 53 Resp: 189267

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

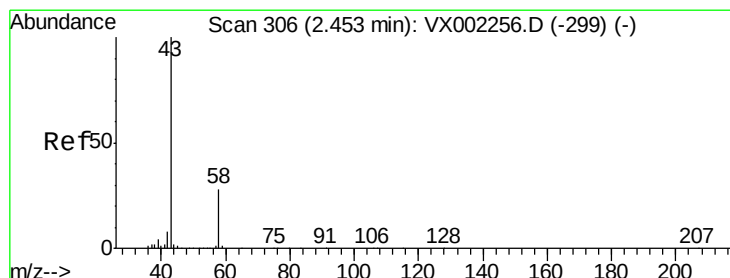
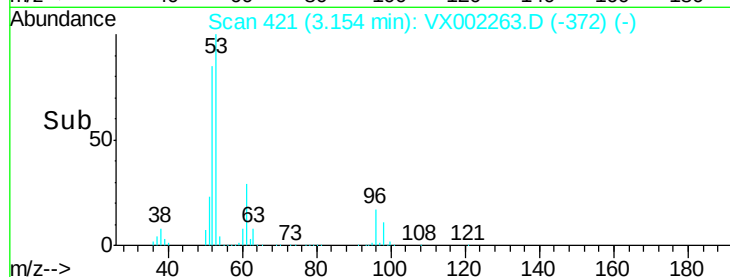
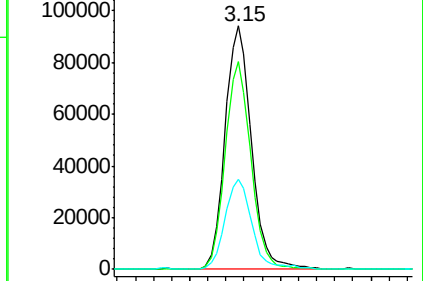
51 37.8 29.9 44.9



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: 108.68 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002263.D

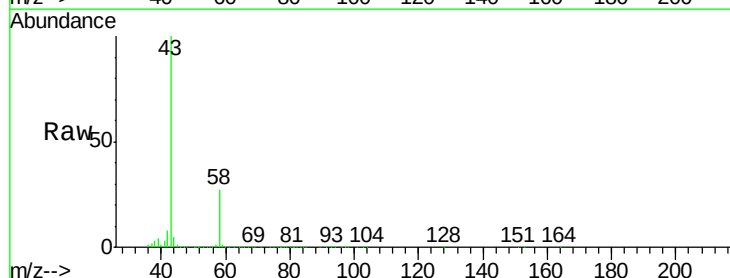
Acq: 04 Jun 2018 16:34

Tgt Ion: 43 Resp: 195644

Ion Ratio Lower Upper

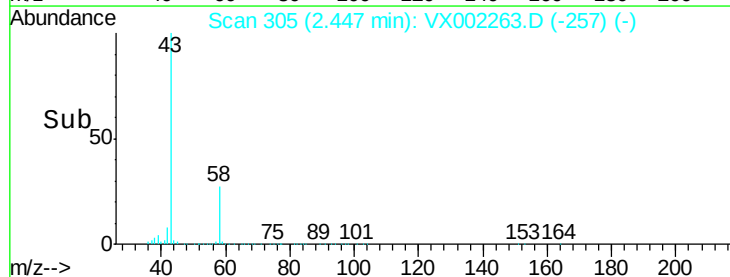
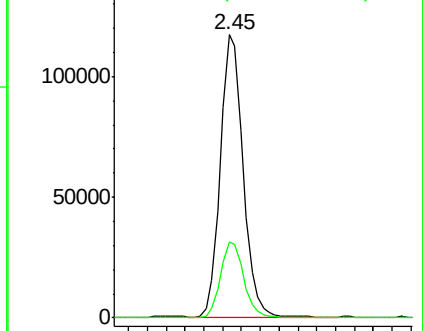
43 100

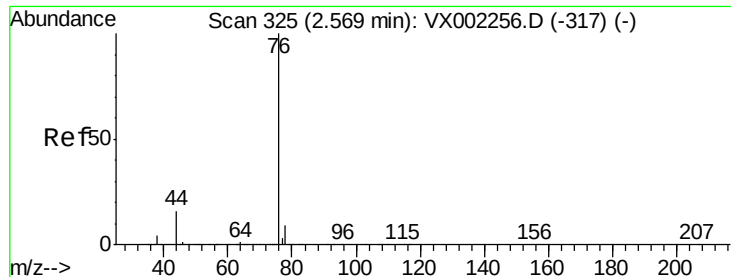
58 26.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

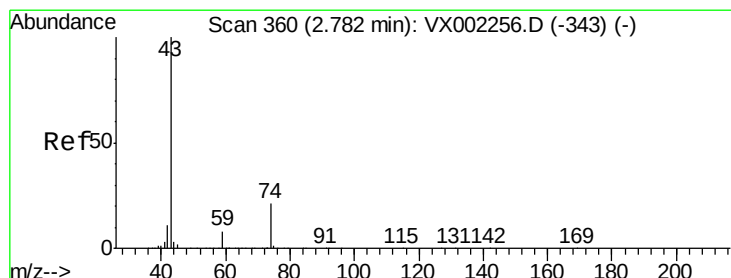
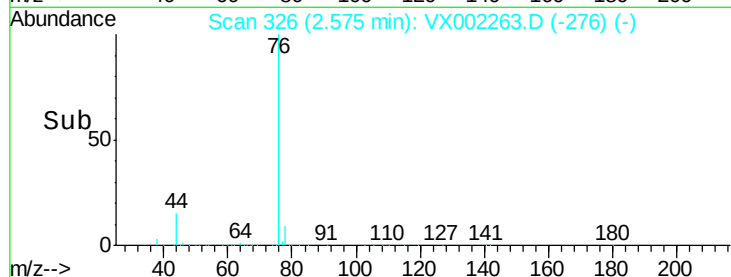
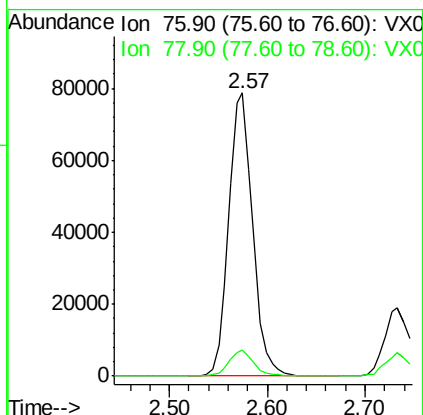
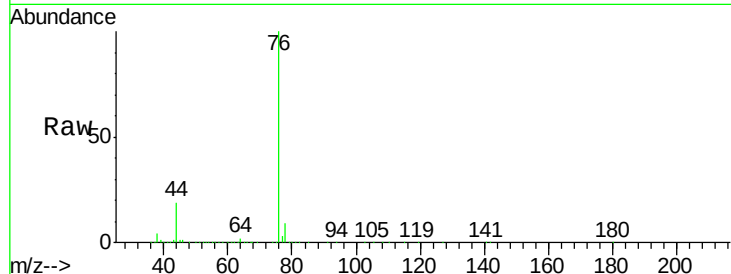




#17
Carbon Disulfide
Concen: 17.90 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

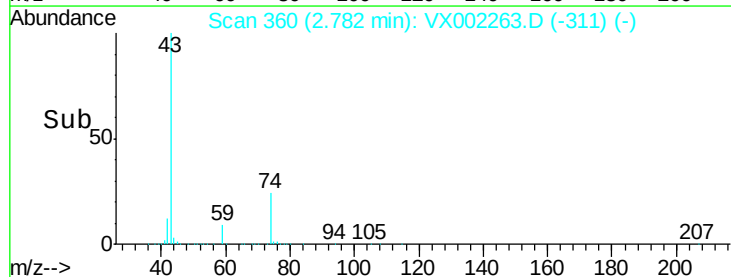
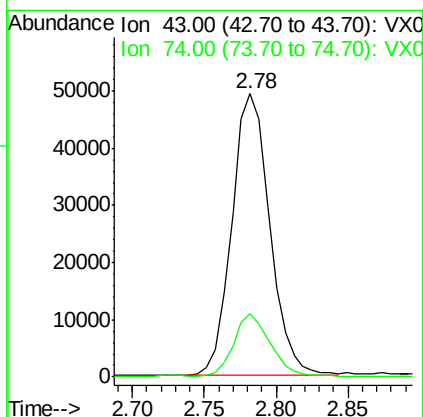
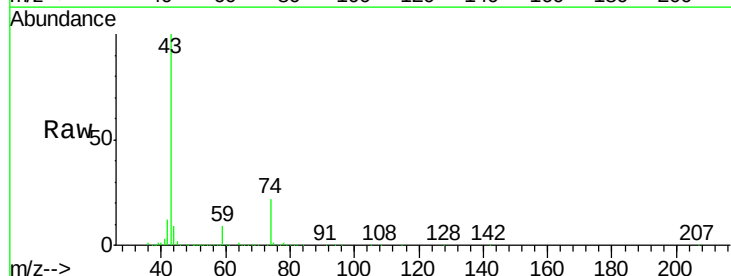
Instrument :
MSVOA_X
ClientSampleId :

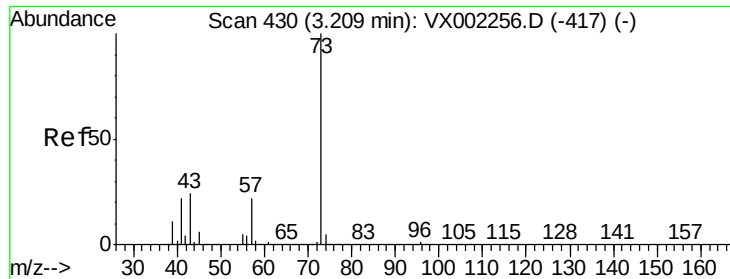
Tot Ion: 76 Resp: 133715
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 22.18 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion: 43 Resp: 90314
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1

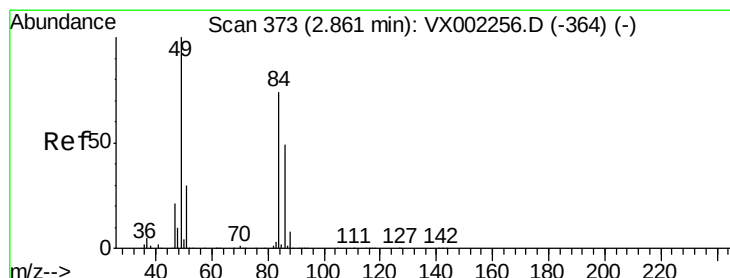
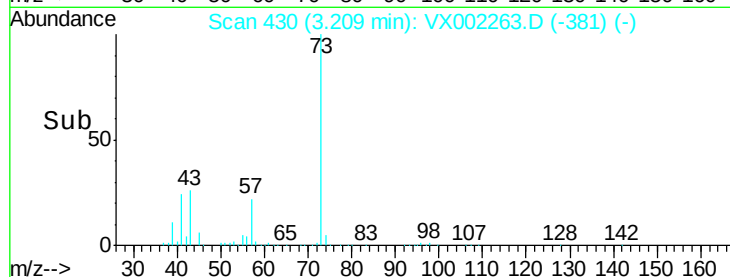
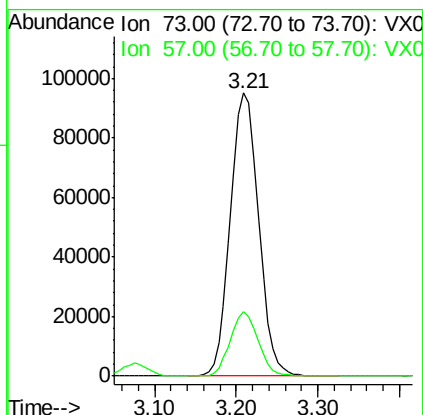
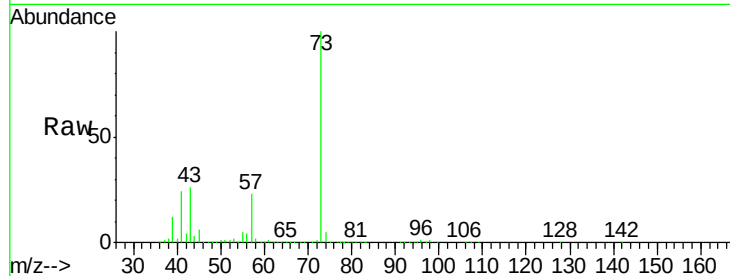




#19
Methyl tert-butyl Ether
Concen: 21.75 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

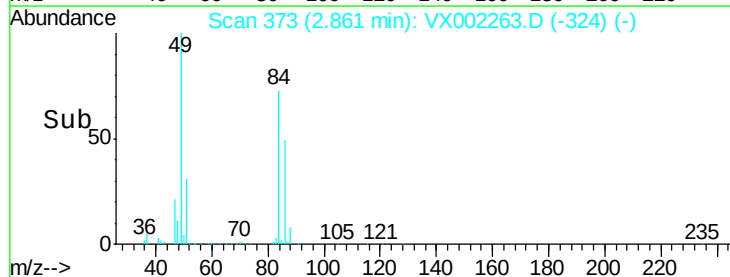
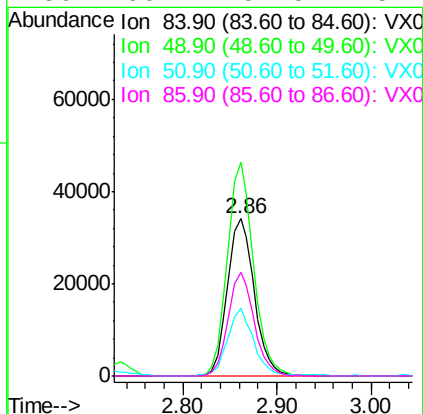
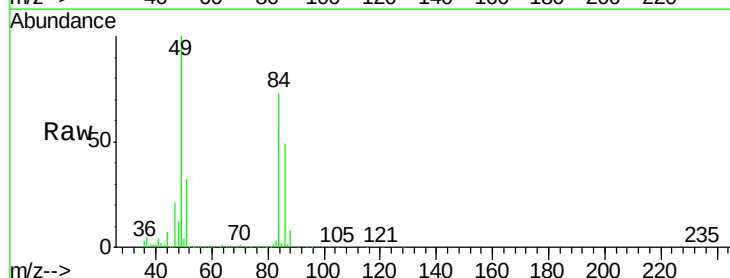
Instrument :
MSVOA_X
ClientSampled :

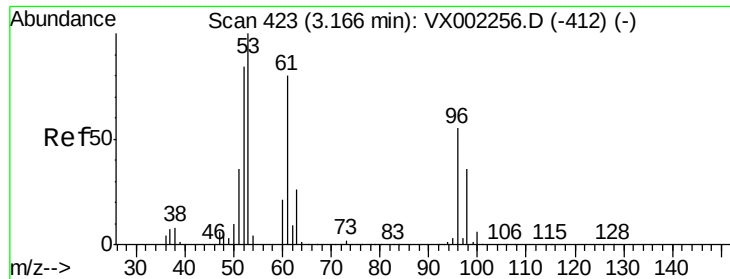
Tot Ion: 73 Resp: 227985
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5



#20
Methylene Chloride
Concen: 20.93 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion: 84 Resp: 67827
Ion Ratio Lower Upper
84 100
49 136.1 107.8 161.6
51 42.7 32.8 49.2
86 66.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.14 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

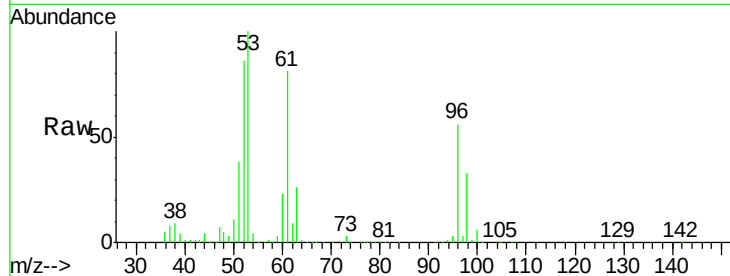
Tot Ion: 96 Resp: 59815

Ion Ratio Lower Upper

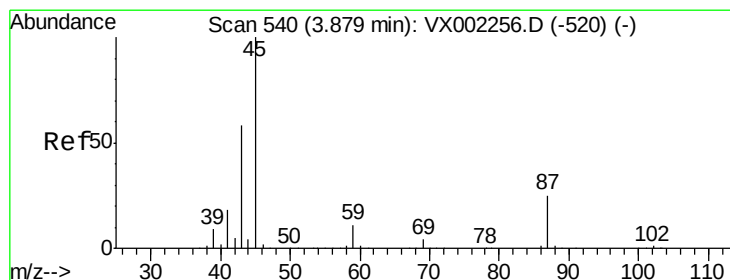
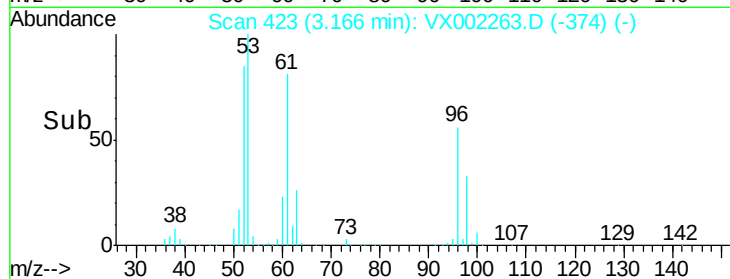
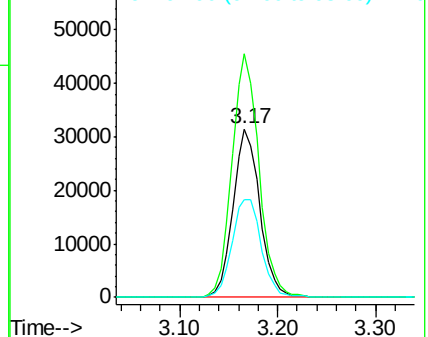
96 100

61 144.5 117.0 175.4

98 58.1 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: 20.04 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Tgt Ion: 45 Resp: 215033

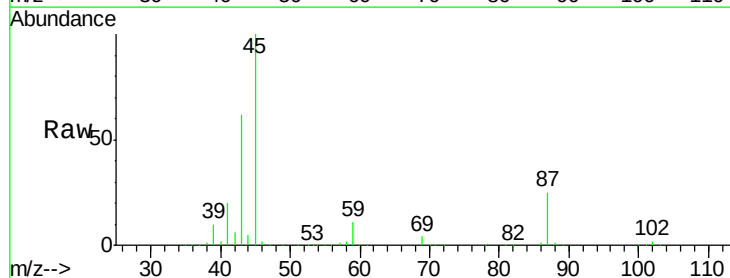
Ion Ratio Lower Upper

45 100

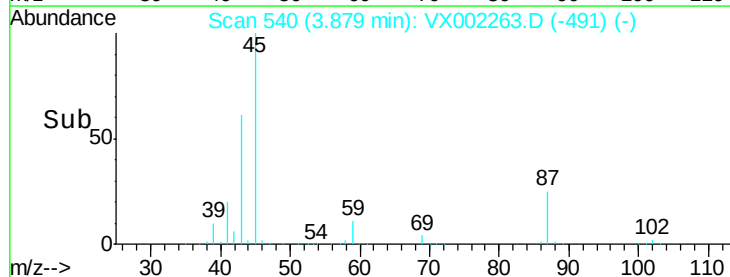
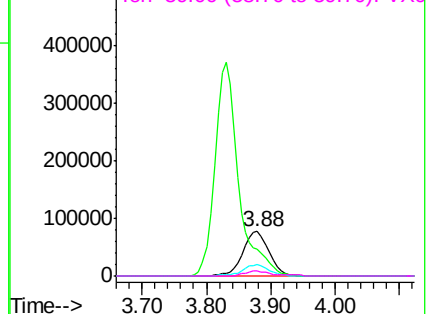
43 61.2 46.8 70.2

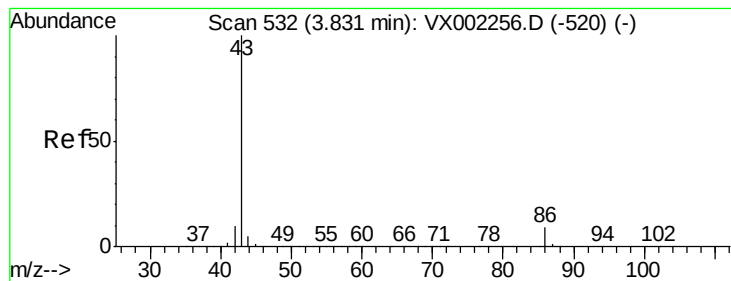
87 25.2 20.2 30.4

59 10.6 8.7 13.1



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





#23

Vinyl Acetate

Concen: 95.80 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

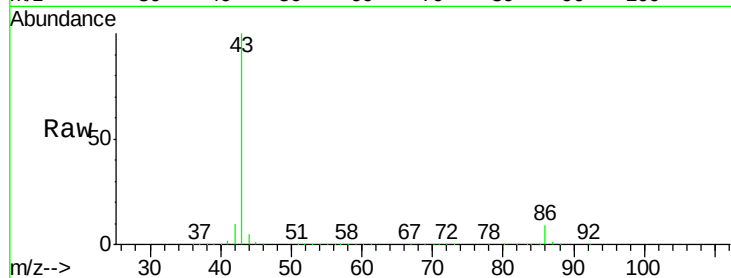
ClientSampleId :

Tot Ion: 43 Resp: 955028

Ion Ratio Lower Upper

43 100

86 9.1 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

400000

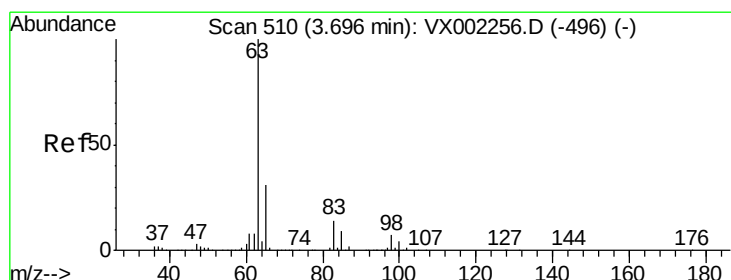
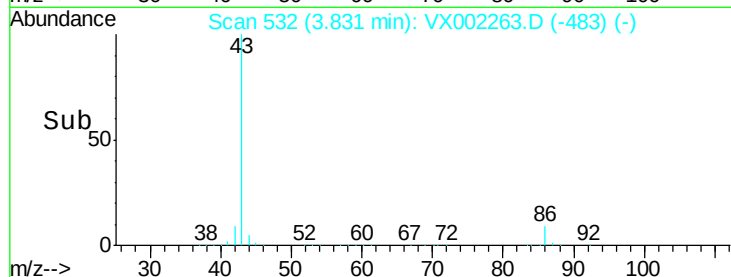
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.48 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

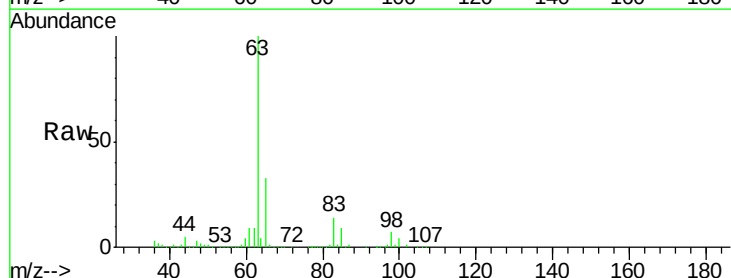
Tgt Ion: 63 Resp: 118406

Ion Ratio Lower Upper

63 100

98 6.9 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

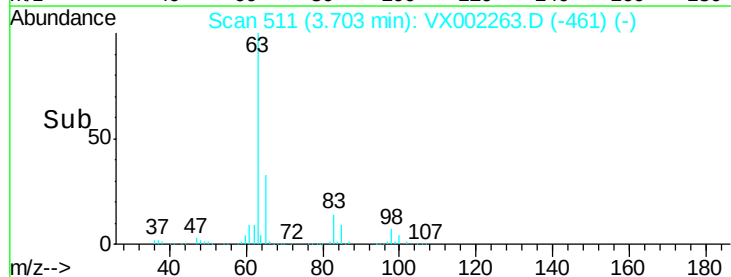
60000

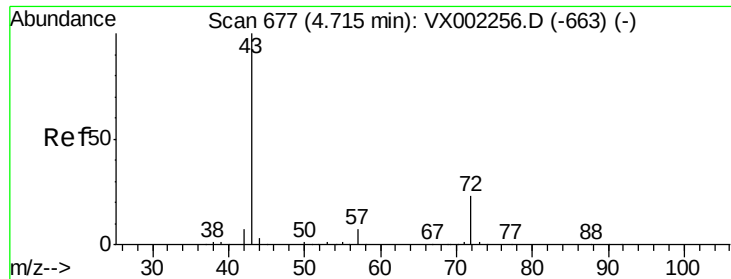
40000

20000

0

Time-->





#25

2-Butanone

Concen: 101.47 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

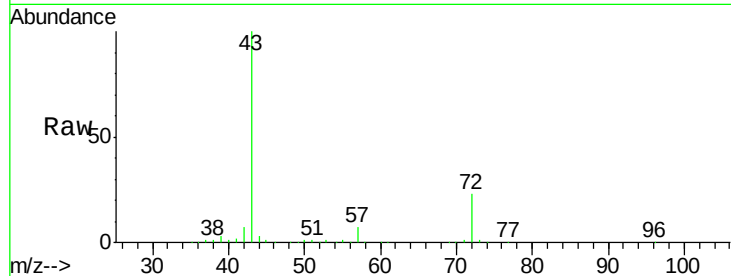
ClientSampleId :

Tot Ion: 43 Resp: 264818

Ion Ratio Lower Upper

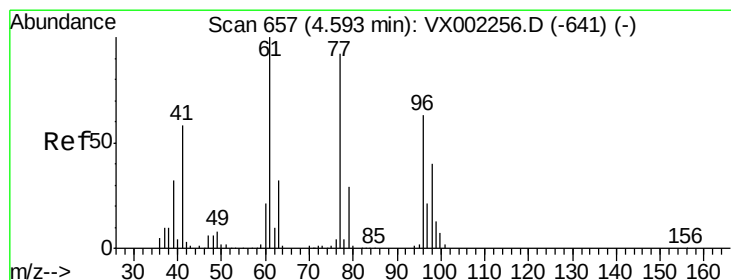
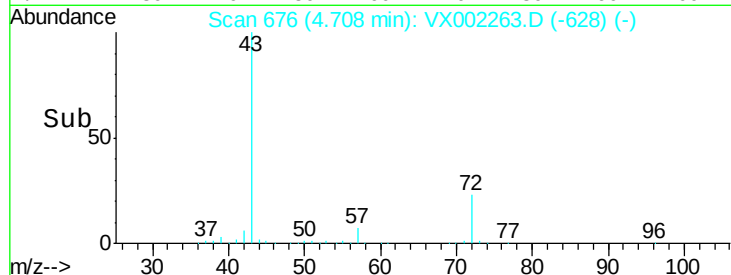
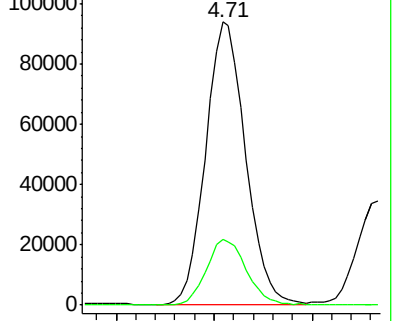
43 100

72 23.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.05 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002263.D

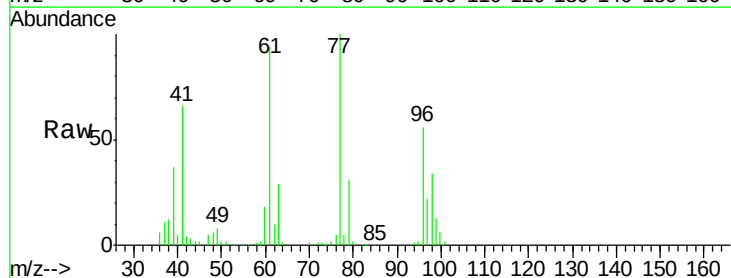
Acq: 04 Jun 2018 16:34

Tgt Ion: 77 Resp: 85765

Ion Ratio Lower Upper

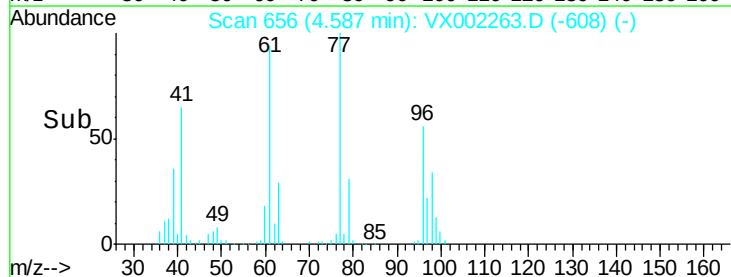
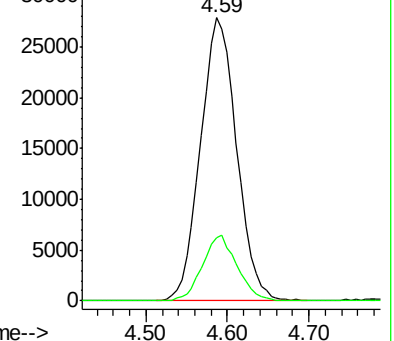
77 100

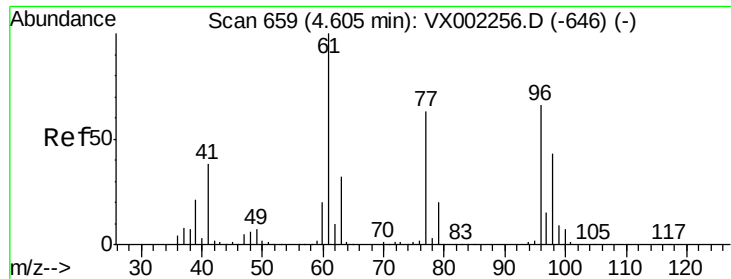
97 22.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



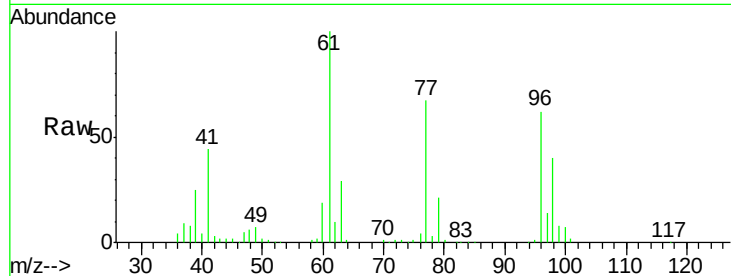


#27

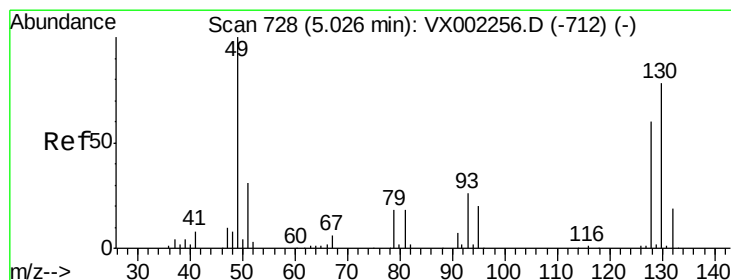
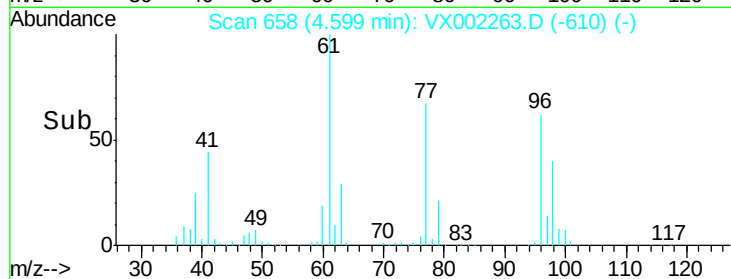
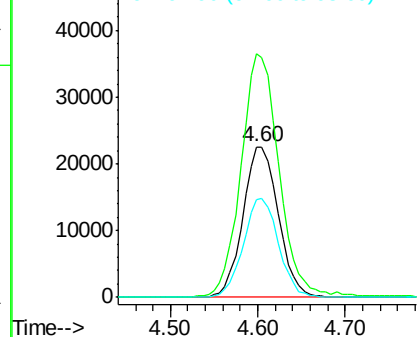
cis-1,2-Dichloroethene
Concen: 18.69 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 63523
Ion Ratio Lower Upper
96 100
61 174.8 0.0 330.2
98 65.3 0.0 130.2



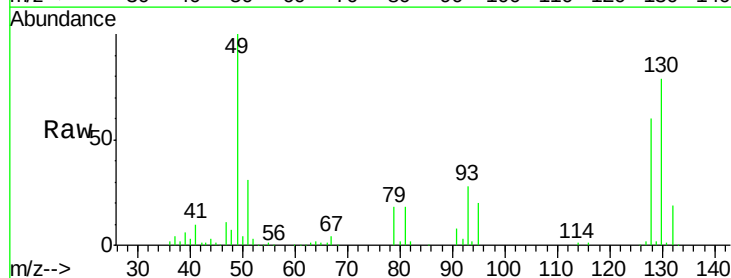
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



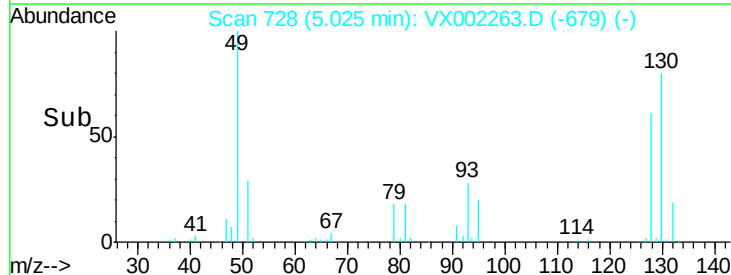
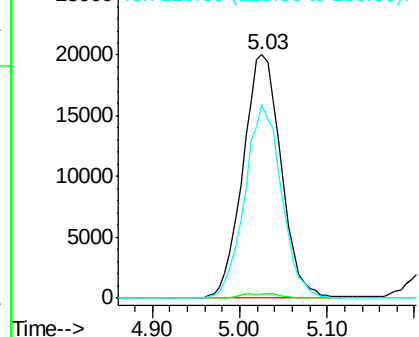
#28

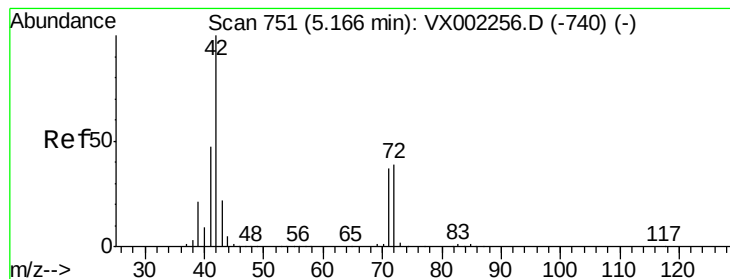
Bromochloromethane
Concen: 21.50 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion: 49 Resp: 60811
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.2
130 76.3 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.44 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

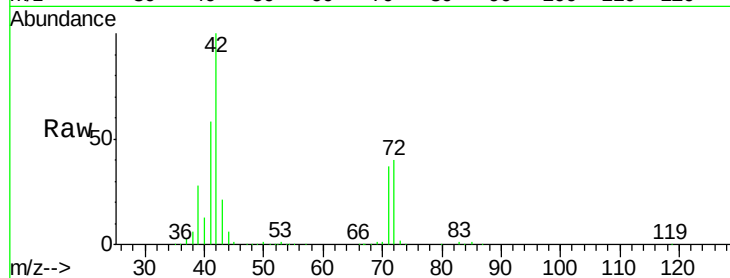
Tot Ion: 42 Resp: 170686

Ion Ratio Lower Upper

42 100

72 40.0 32.0 48.0

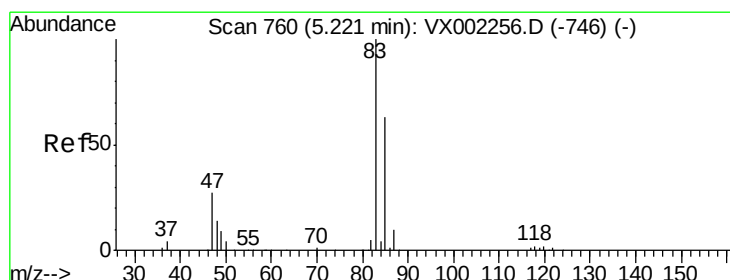
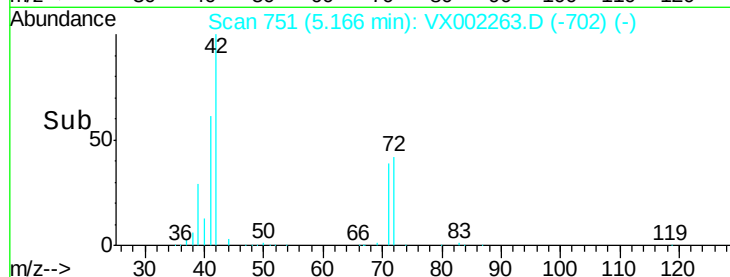
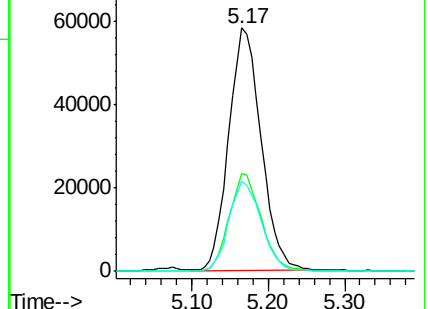
71 37.4 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.10 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002263.D

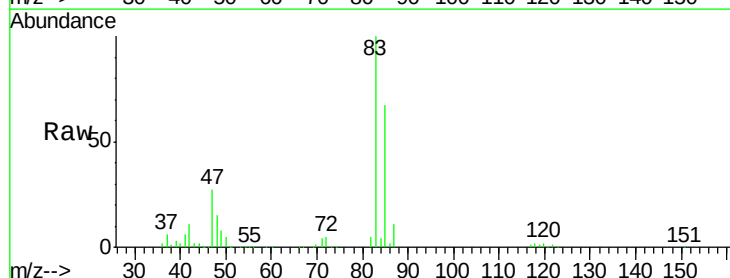
Acq: 04 Jun 2018 16:34

Tgt Ion: 83 Resp: 111988

Ion Ratio Lower Upper

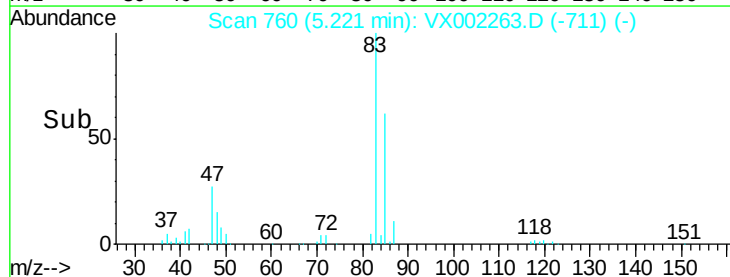
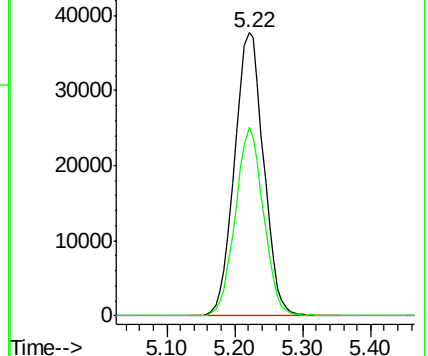
83 100

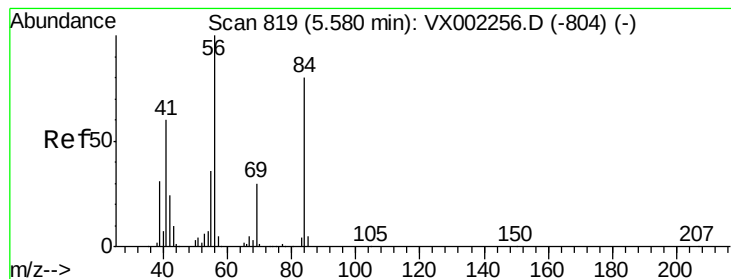
85 66.8 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.45 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

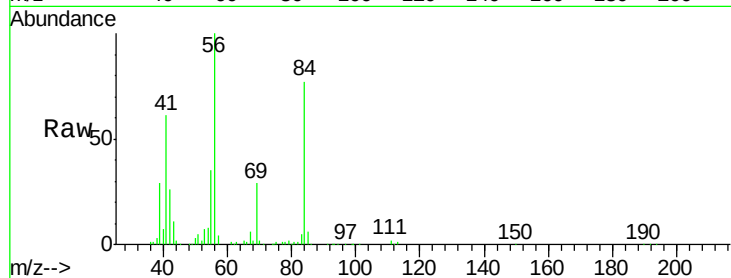
Tot Ion: 56 Resp: 98288

Ion Ratio Lower Upper

56 100

69 29.0 23.7 35.5

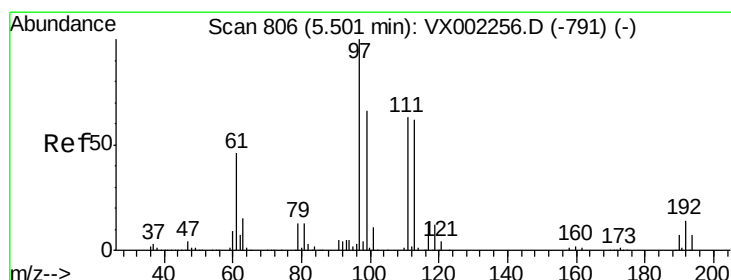
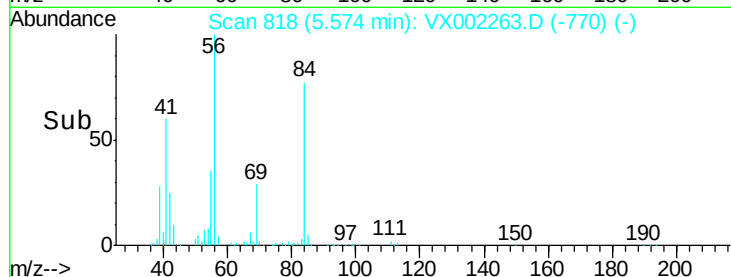
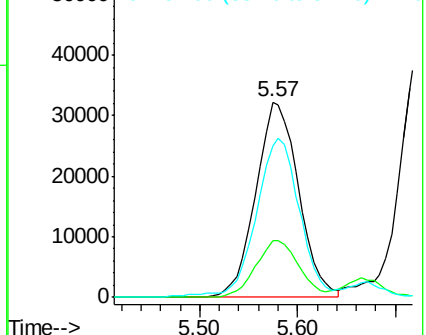
84 75.6 64.1 96.1



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: 19.22 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

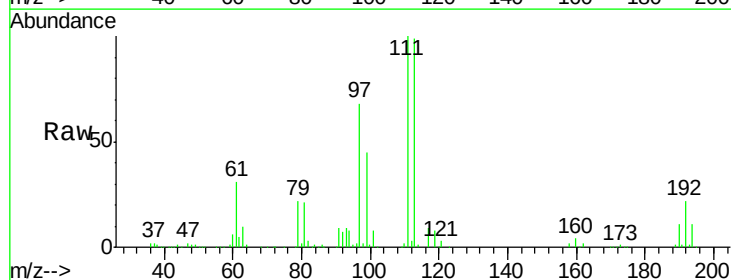
Tgt Ion: 97 Resp: 95573

Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

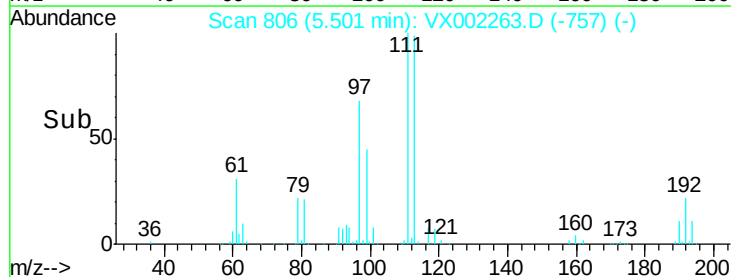
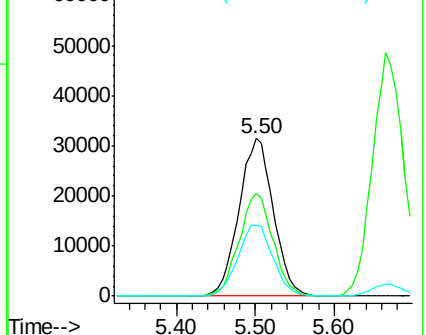
61 46.1 36.4 54.6

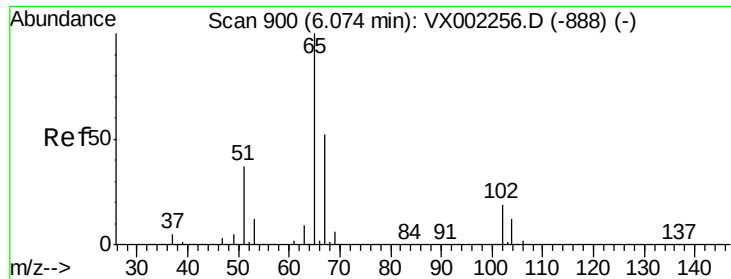


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

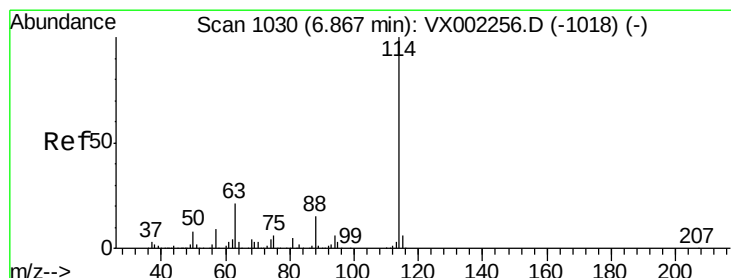
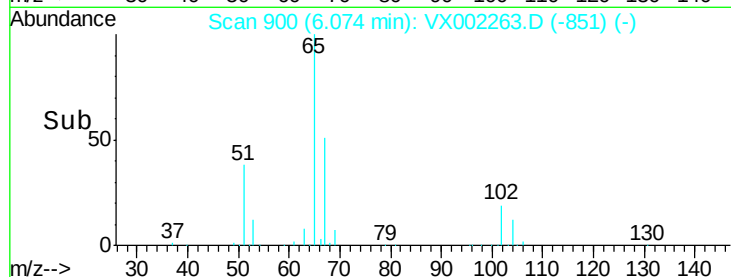
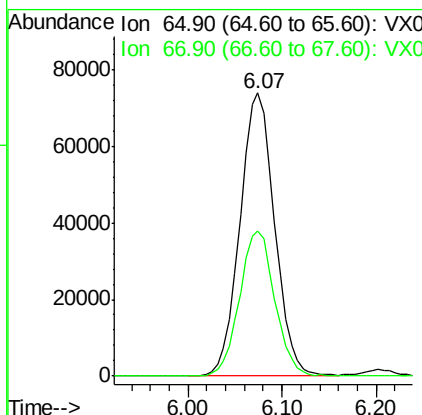
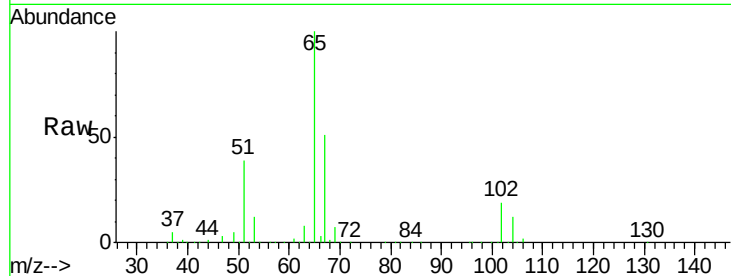




#33
 1,2-Dichloroethane-d4
 Concen: 50.04 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

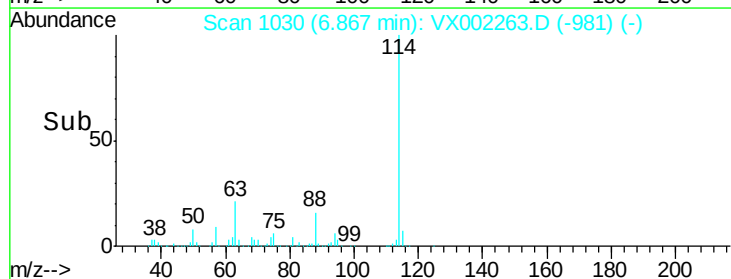
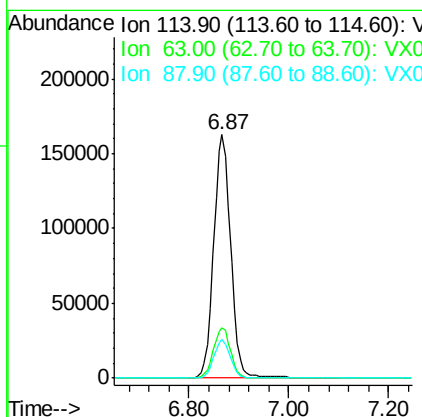
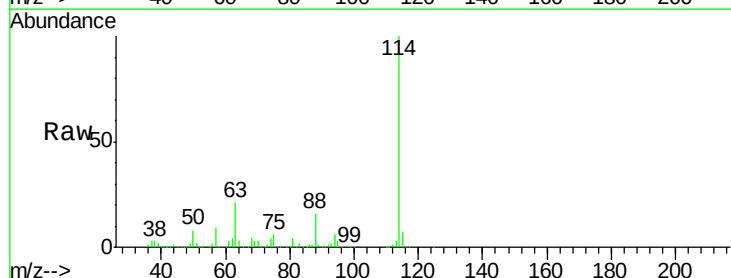
Instrument :
 MSVOA_X
 ClientSampleId :

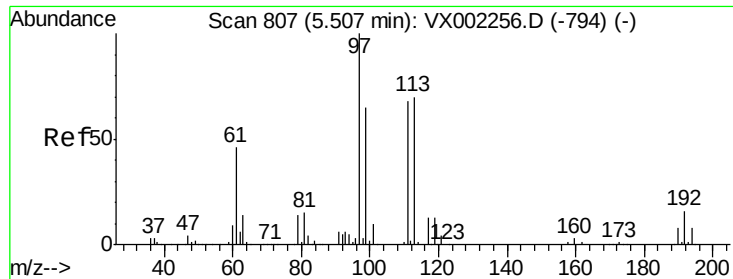
Tot Ion: 65 Resp: 190467
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion: 114 Resp: 385457
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 16.0 0.0 30.0

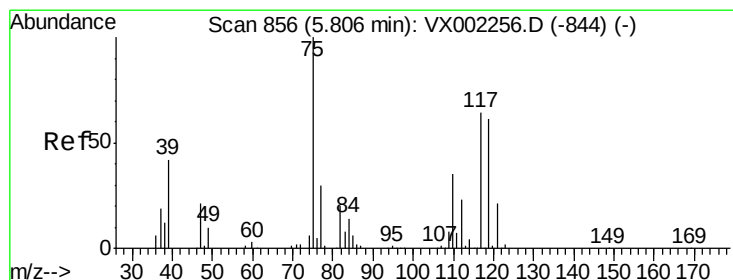
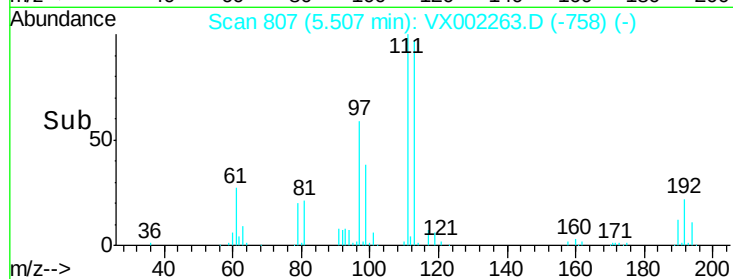
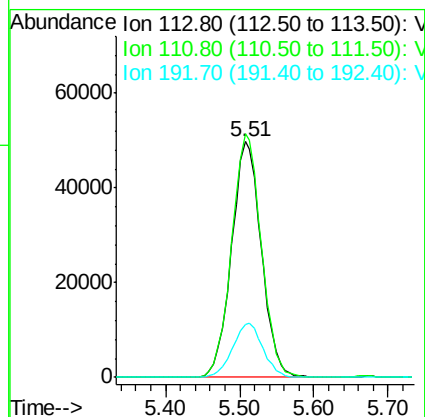
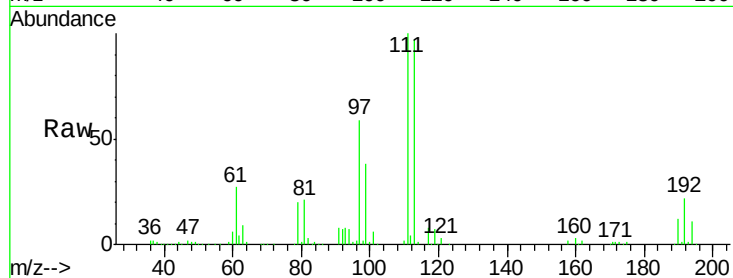




#35
 Dibromofluoromethane
 Concen: 46.14 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

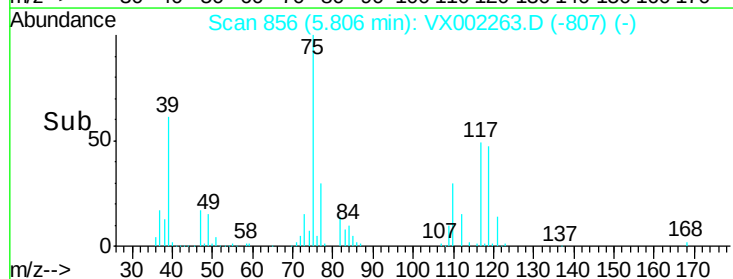
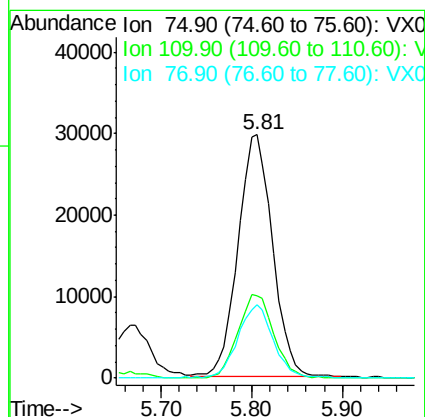
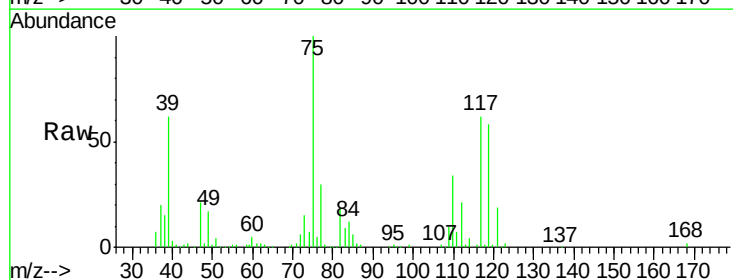
Instrument :
 MSVOA_X
 ClientSampleId :

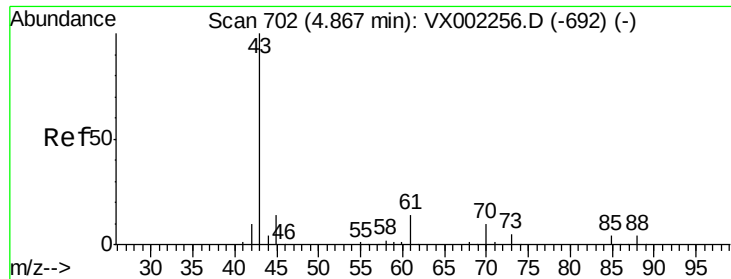
Tot Ion:113 Resp: 139854
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 23.2 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 19.31 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion: 75 Resp: 78263
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.1 54.4
 77 31.3 24.3 36.5

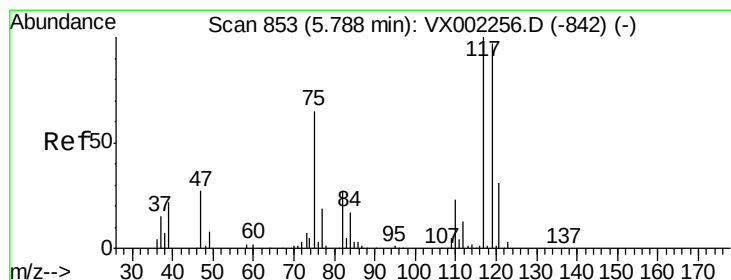
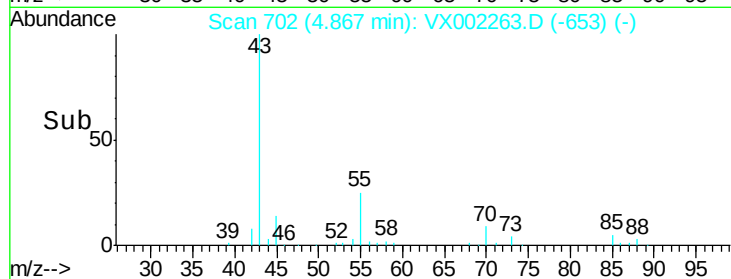
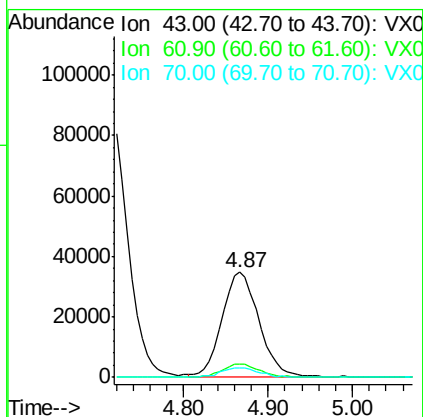
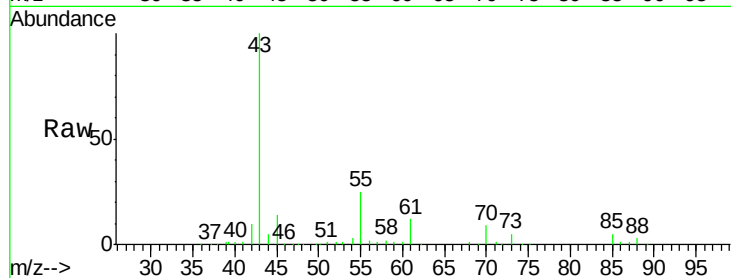




#37
Ethyl Acetate
Concen: 20.93 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

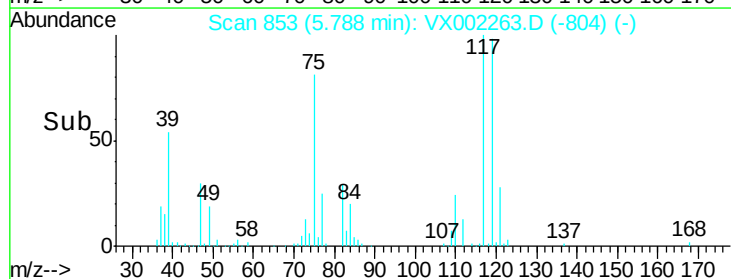
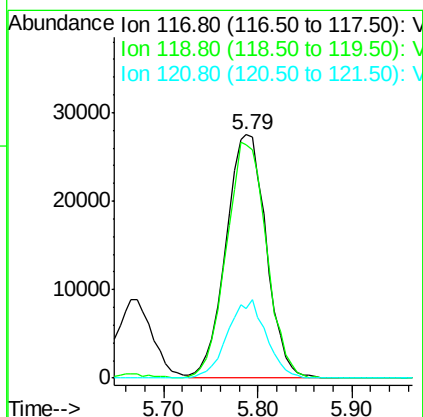
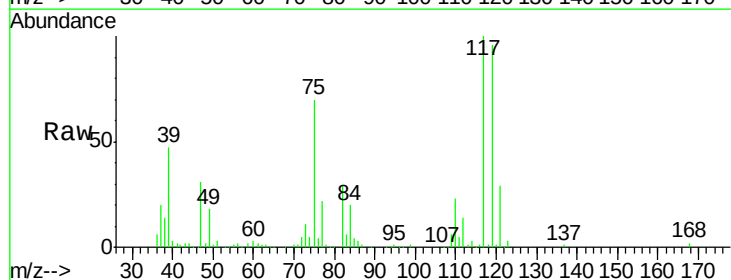
Instrument :
MSVOA_X
ClientSampled :

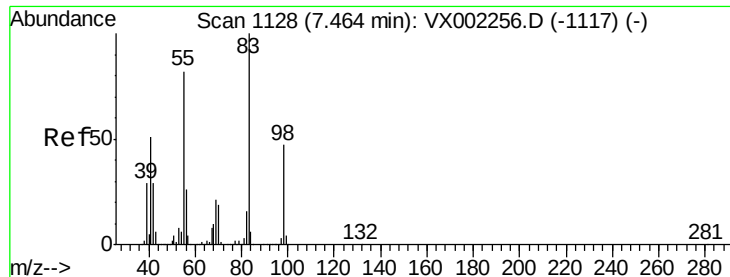
Tot Ion: 43 Resp: 102018
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.35 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion: 117 Resp: 82016
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
121 28.6 24.4 36.6

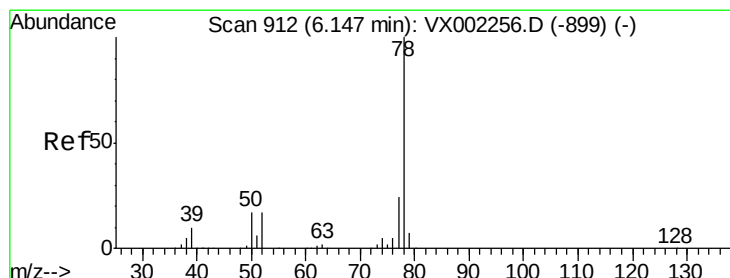
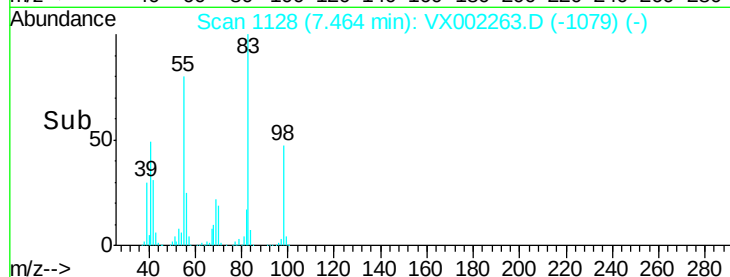
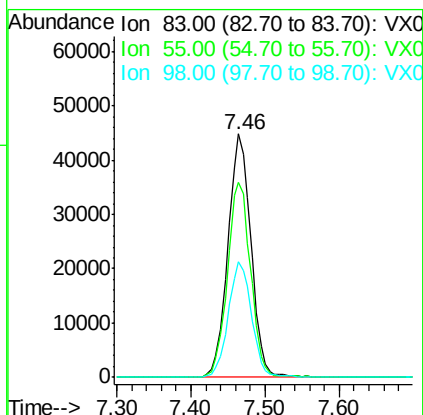
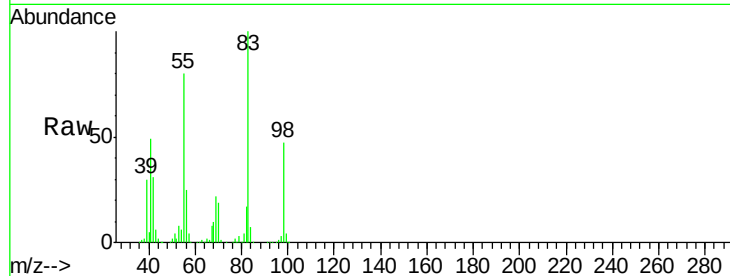




#39
Methylvlcyclohexane
Concen: 19.55 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

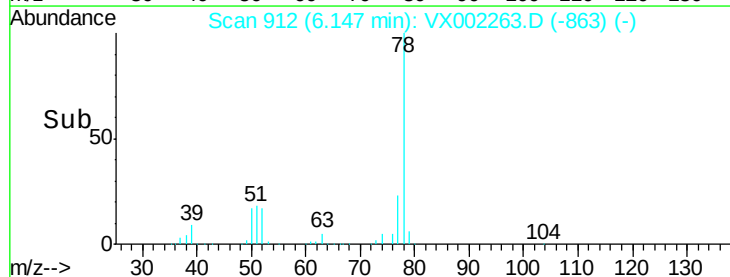
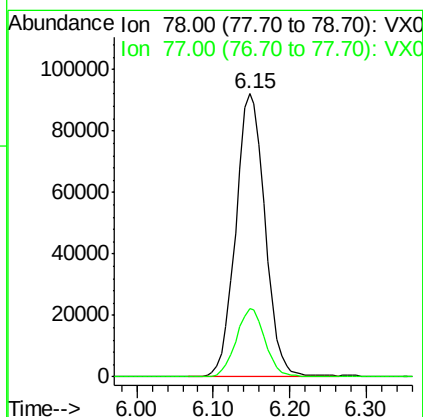
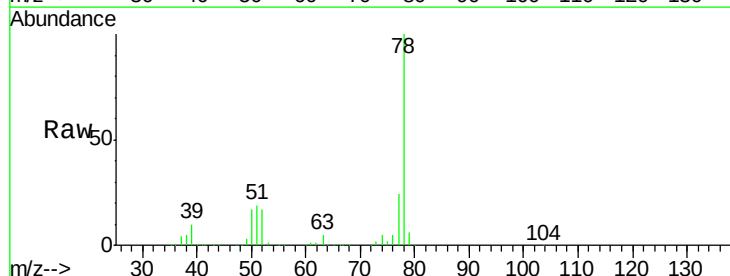
Instrument :
MSVOA_X
ClientSampled :

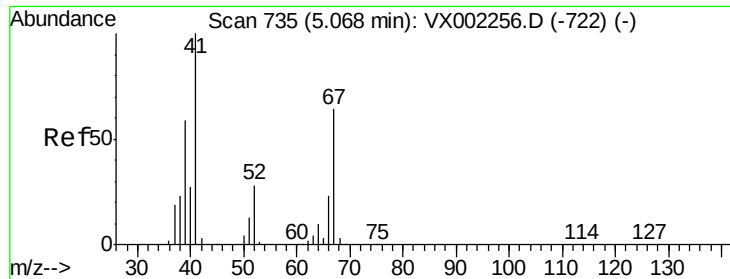
Tot Ion: 83 Resp: 97069
Ion Ratio Lower Upper
83 100
55 80.3 65.4 98.0
98 47.3 37.4 56.0



#40
Benzene
Concen: 19.66 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion: 78 Resp: 244284
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

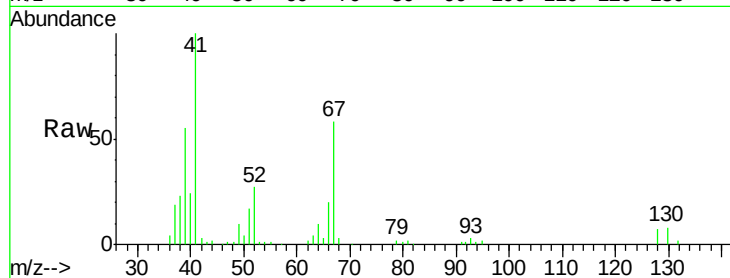




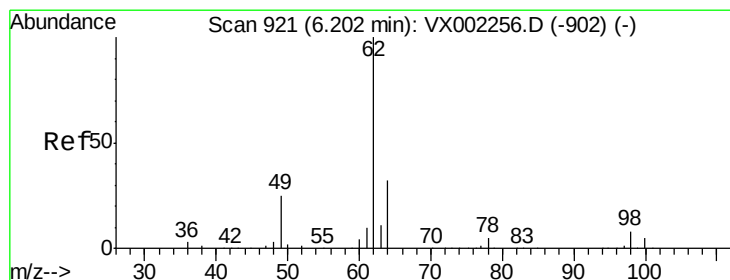
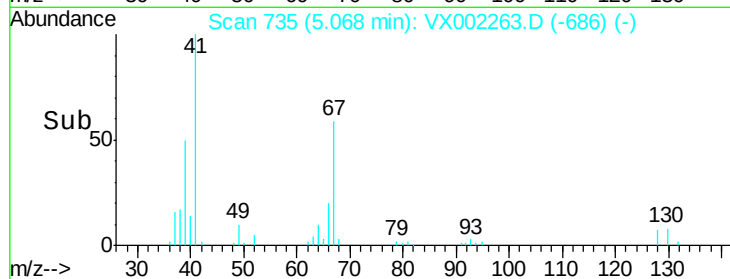
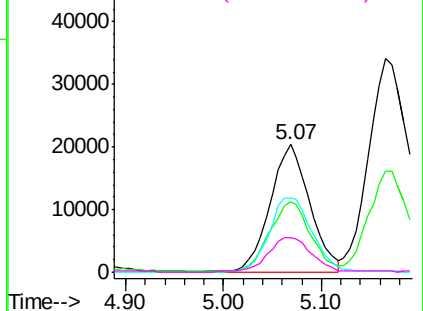
#41
Methacrylonitrile
Concen: 20.63 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	57547
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.6
67	63.9	51.3	76.9
52	30.0	23.0	34.6

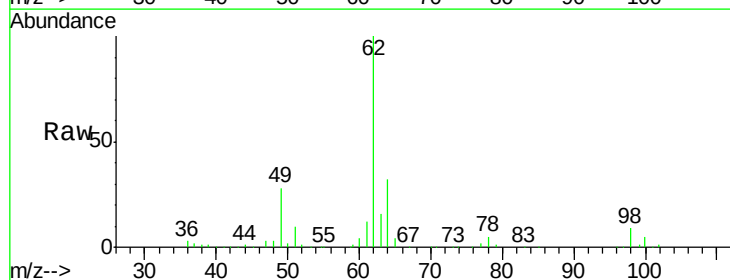


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

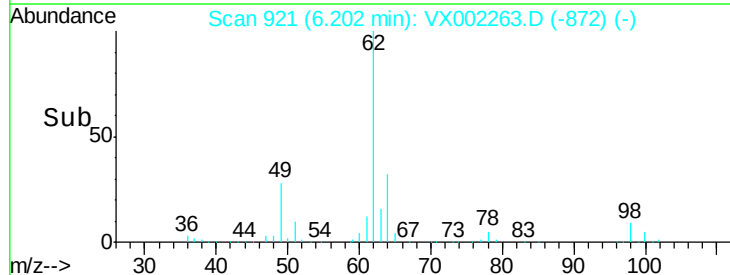
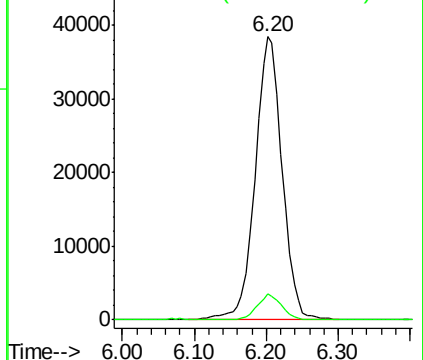


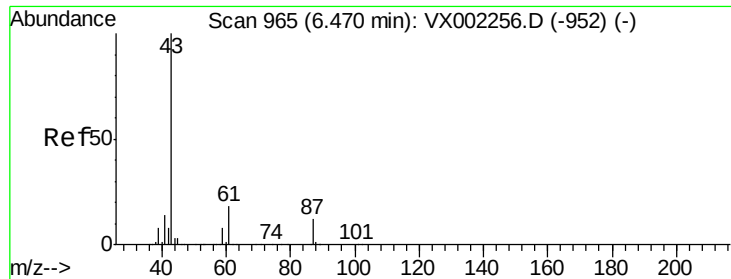
#42
1,2-Dichloroethane
Concen: 20.24 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion:	62	Resp:	99923
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



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



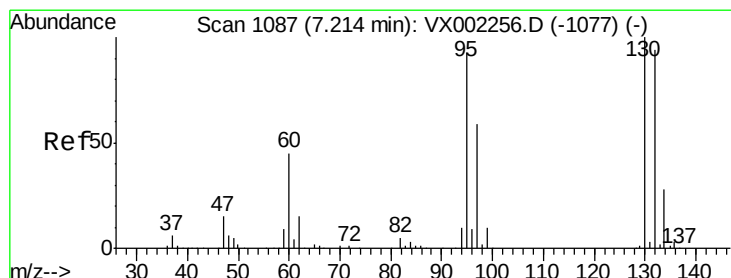
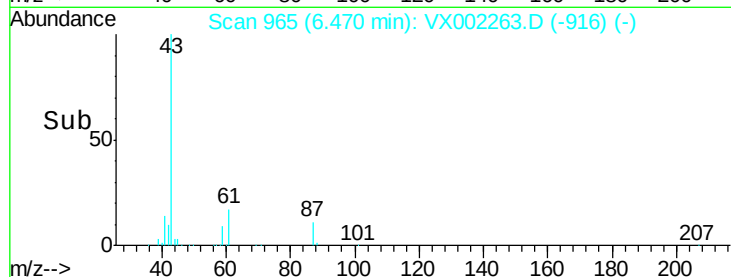
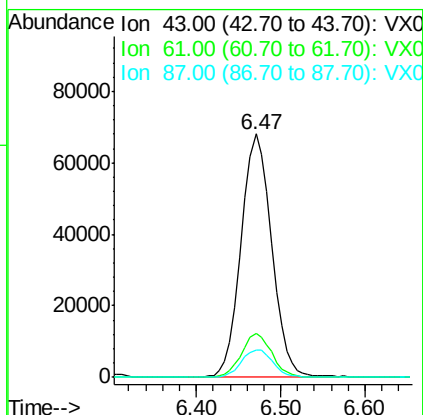
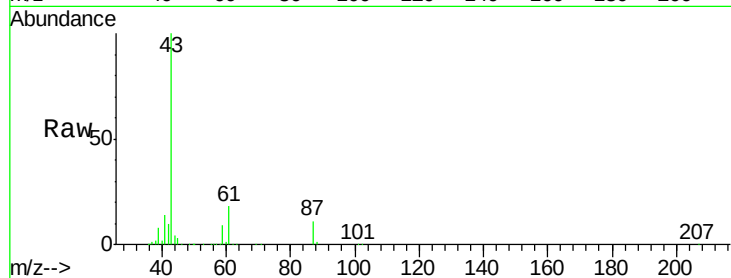


#43

Isopropyl Acetate
 Concen: 20.08 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Instrument :
 MSVOA_X
 ClientSampled :

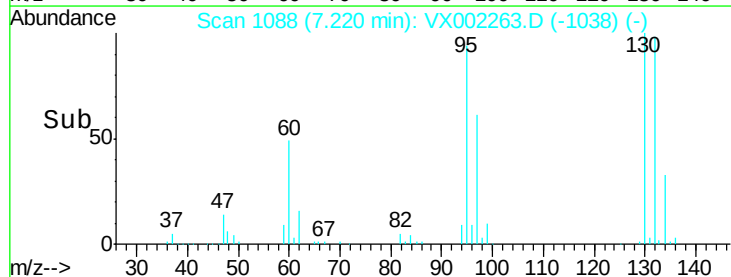
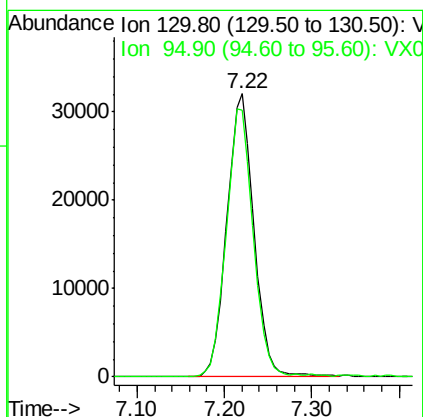
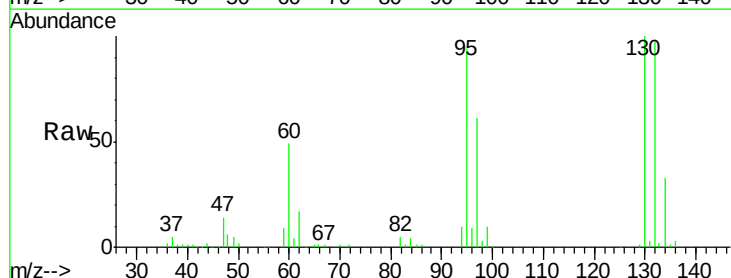
Tot Ion	43	Resp	166238
Ion Ratio	Lower	Upper	
43	100		
61	18.1	14.4	21.6
87	11.7	9.5	14.3

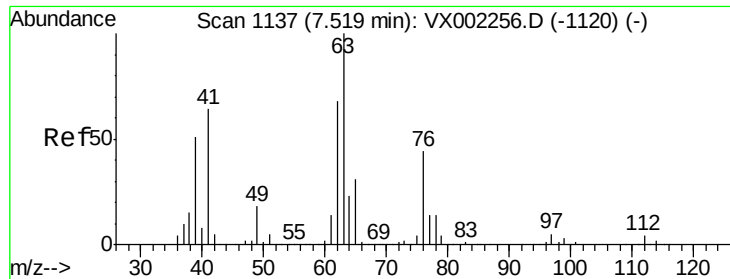


#44

Trichloroethene
 Concen: 20.00 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion	130	Resp	68959
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	185.4

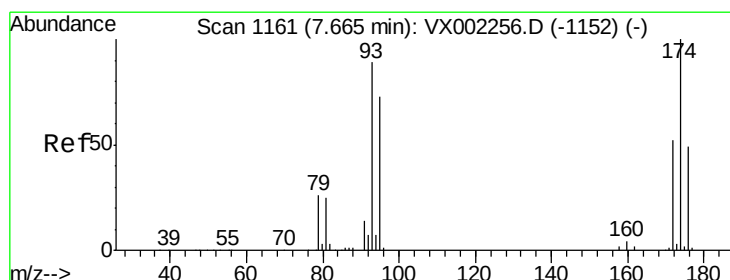
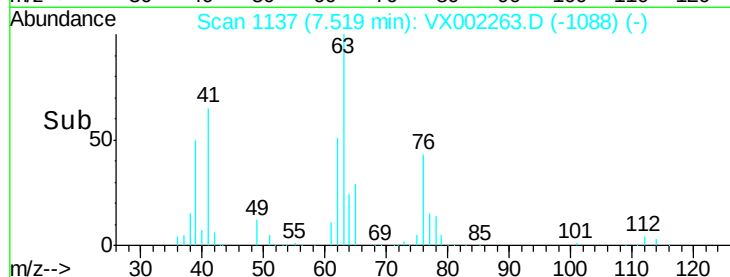
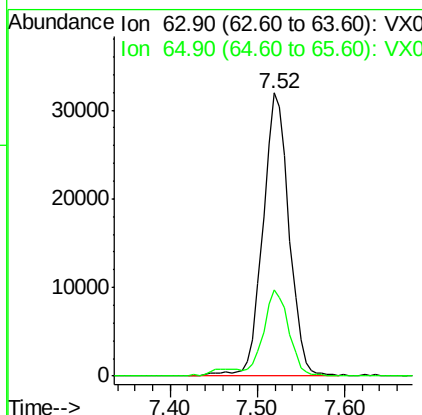
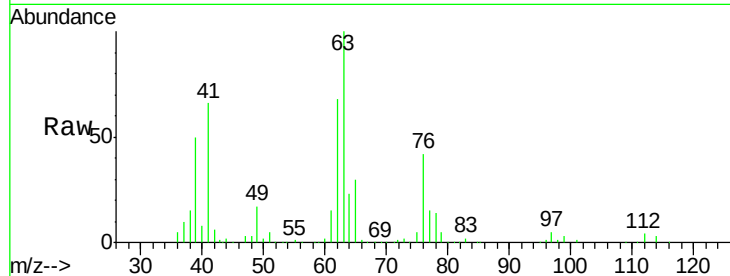




#45
 1,2-Dichloropropane
 Concen: 19.86 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

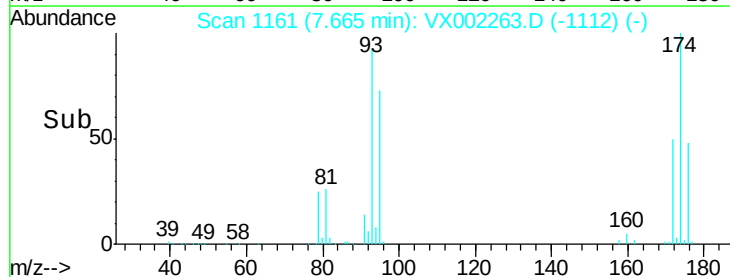
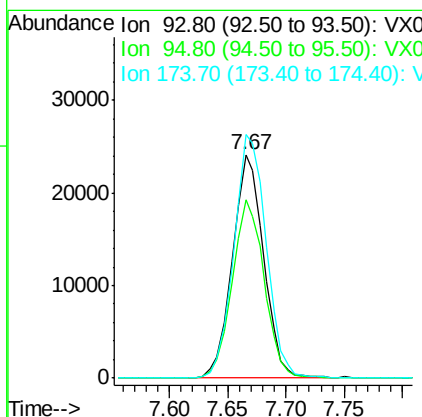
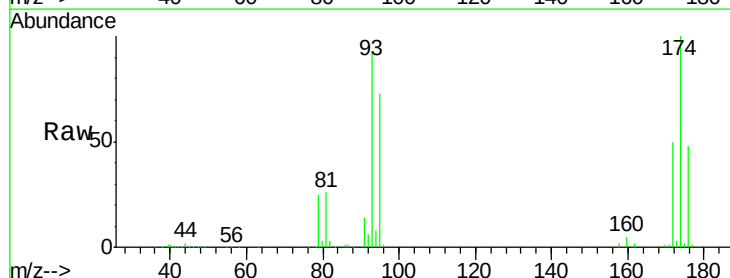
Instrument :
 MSVOA_X
 ClientSampleId :

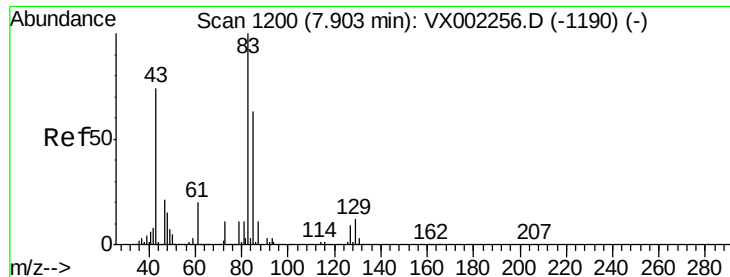
Tot Ion: 63 Resp: 66623
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.7 37.1



#46
 Dibromomethane
 Concen: 19.83 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion: 93 Resp: 45093
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.9 98.9
 174 113.0 92.4 138.6





#47

Bromodichloromethane

Concen: 19.03 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

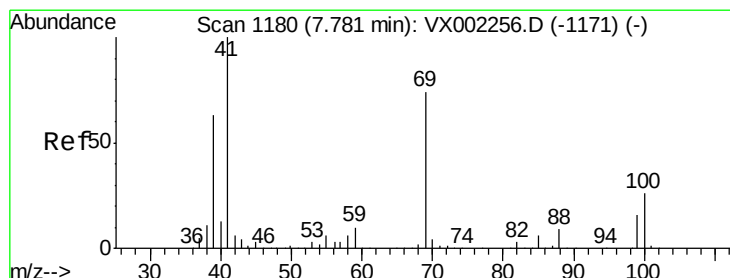
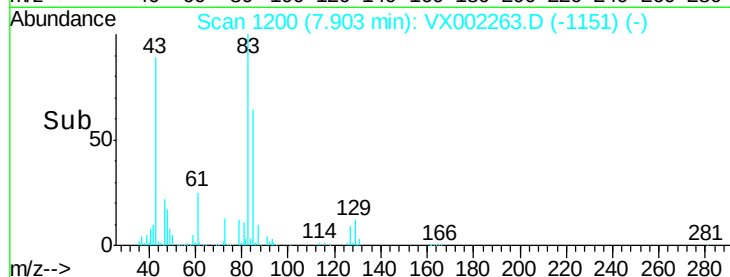
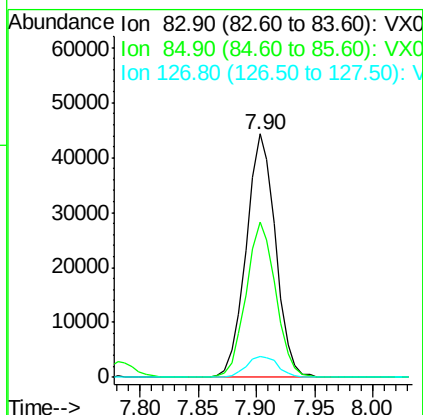
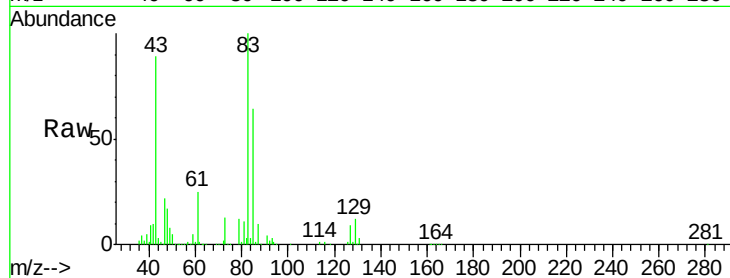
Tot Ion: 83 Resp: 78246

Ion Ratio Lower Upper

83 100

85 63.9 50.3 75.5

127 8.7 7.0 10.4



#48

Methyl methacrylate

Concen: 20.66 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

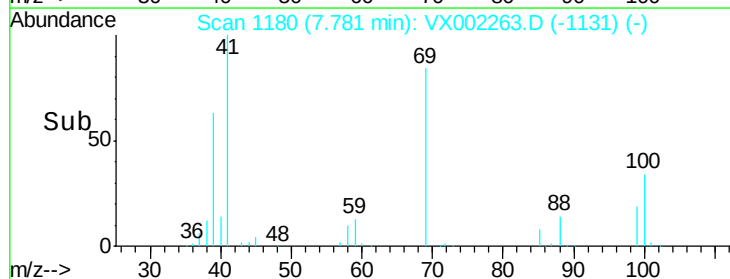
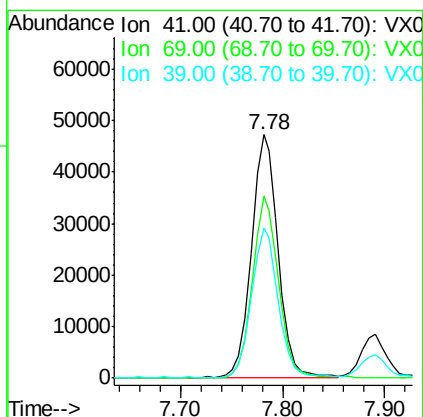
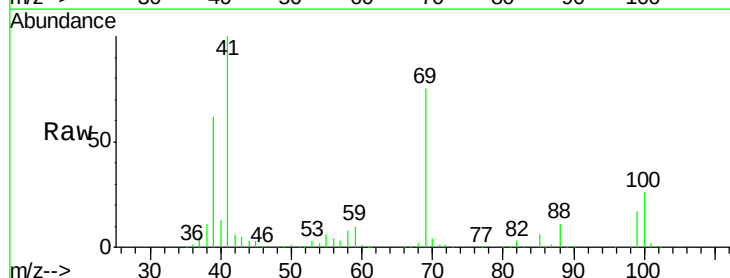
Tgt Ion: 41 Resp: 85919

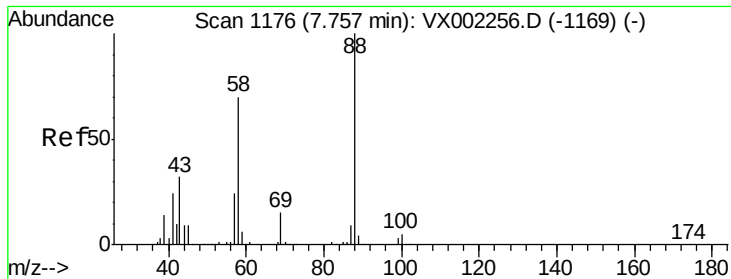
Ion Ratio Lower Upper

41 100

69 74.4 59.1 88.7

39 61.5 48.9 73.3

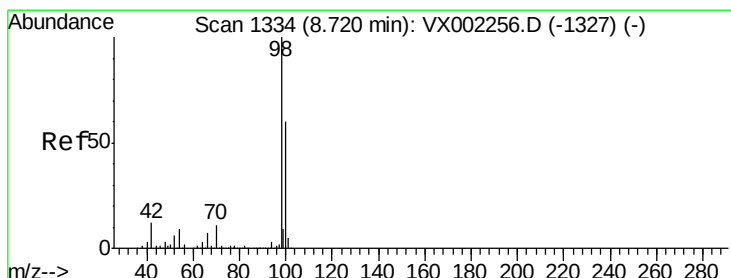
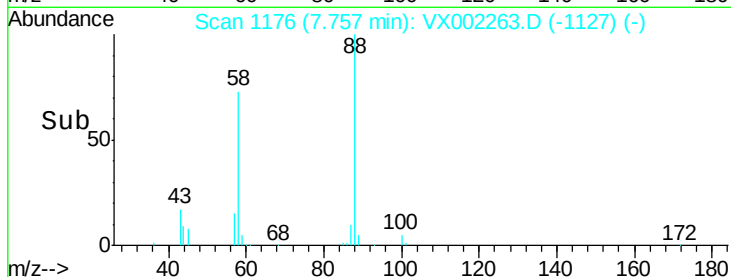
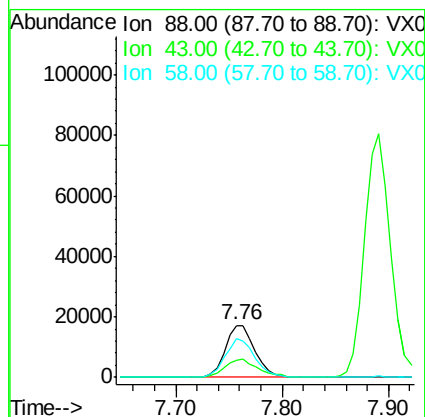
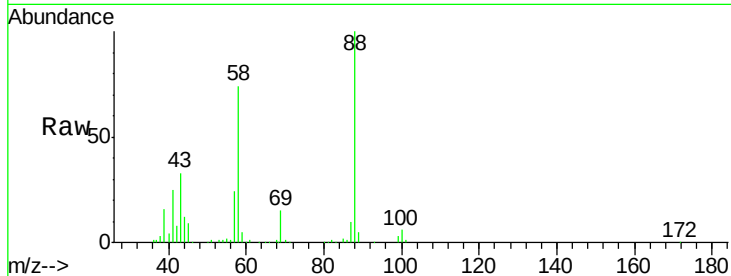




#49
1,4-Dioxane
Concen: 431.65 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

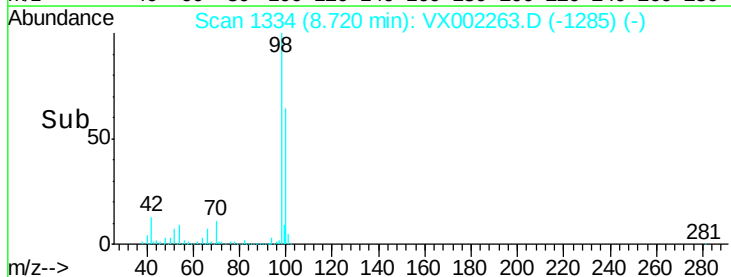
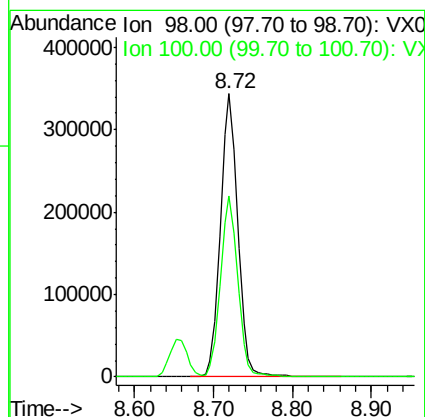
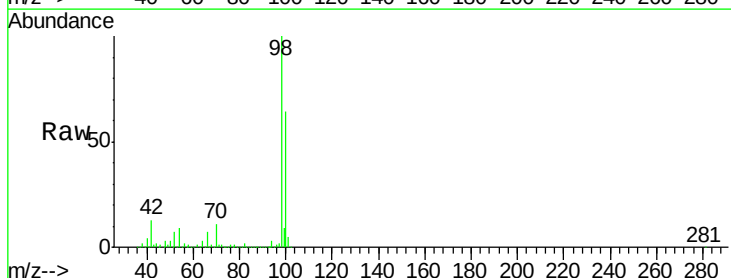
Instrument :
MSVOA_X
ClientSampled :

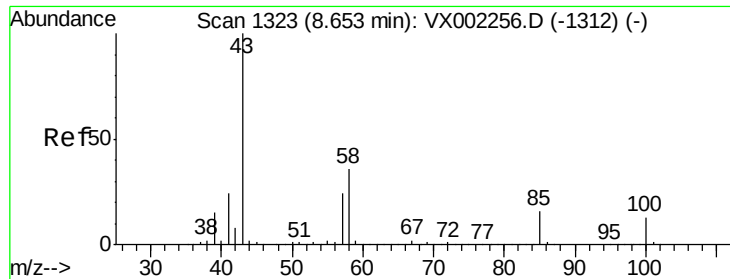
Tot Ion	88	Resp	33557
Ion	Ratio	Lower	Upper
88	100		
43	37.2	29.8	44.6
58	74.8	57.1	85.7



#50
Toluene-d8
Concen: 45.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion	98	Resp	530848
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 106.25 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

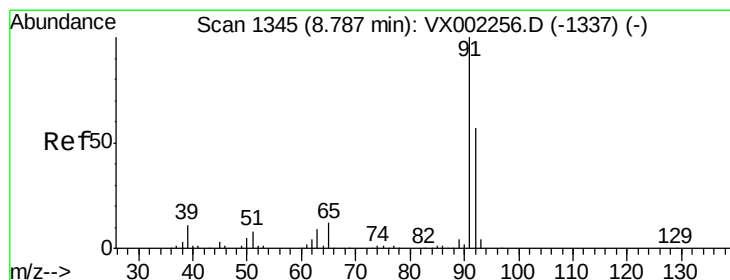
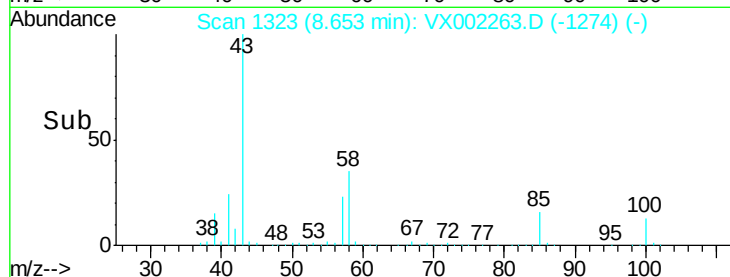
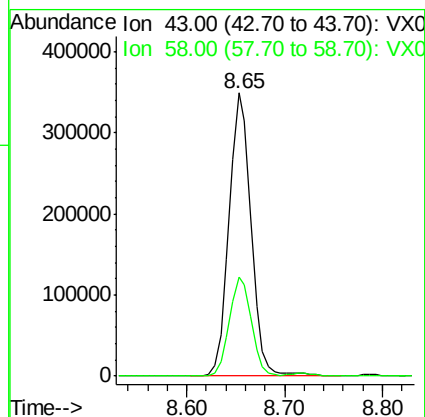
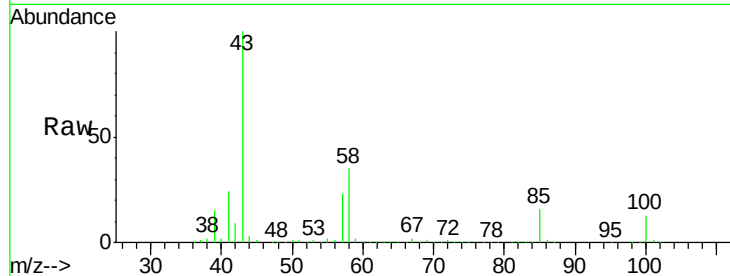
ClientSampleId :

Tot Ion: 43 Resp: 547693

Ion Ratio Lower Upper

43 100

58 35.1 28.6 42.8



#52

Toluene

Concen: 19.69 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002263.D

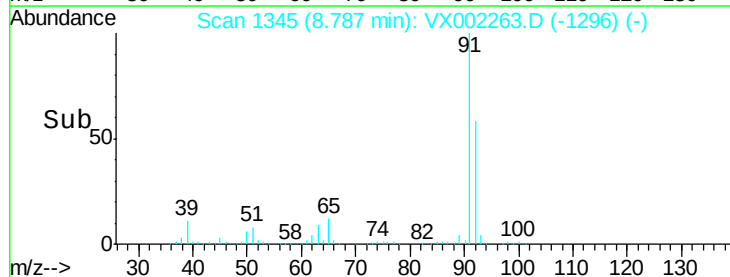
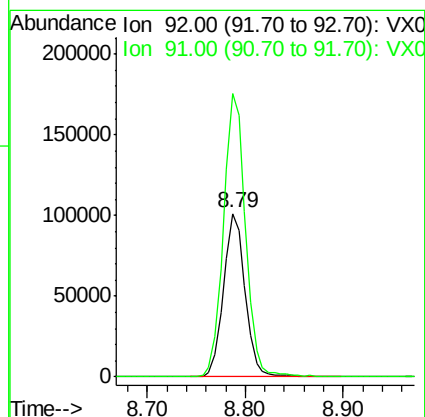
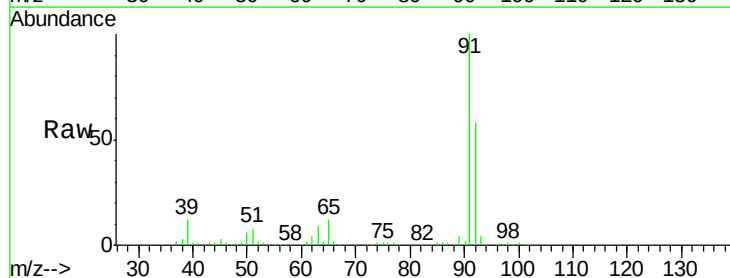
Acq: 04 Jun 2018 16:34

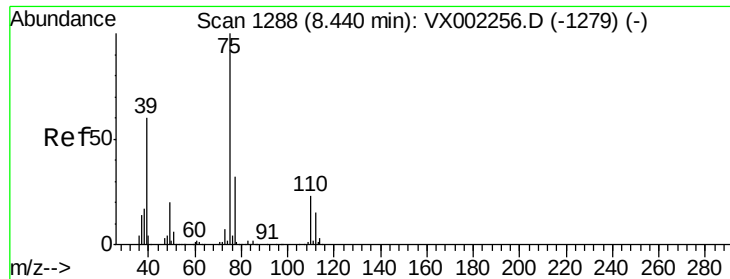
Tgt Ion: 92 Resp: 155593

Ion Ratio Lower Upper

92 100

91 177.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.50 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

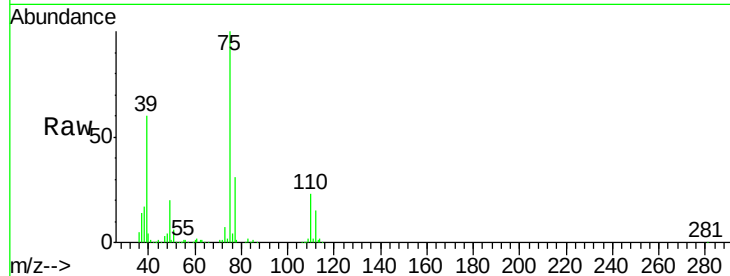
ClientSampleId :

Tot Ion: 75 Resp: 96164

Ion Ratio Lower Upper

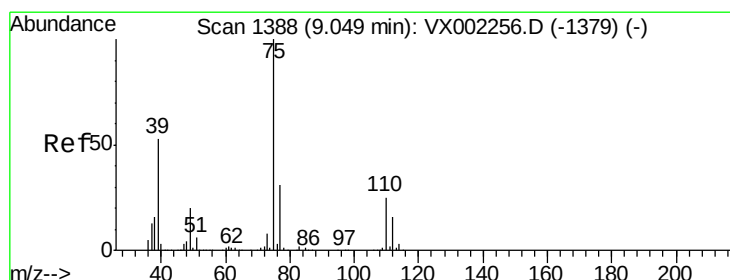
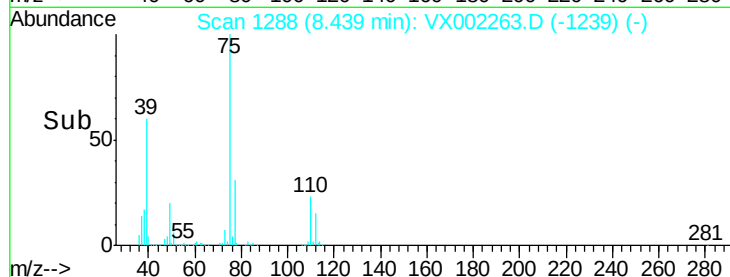
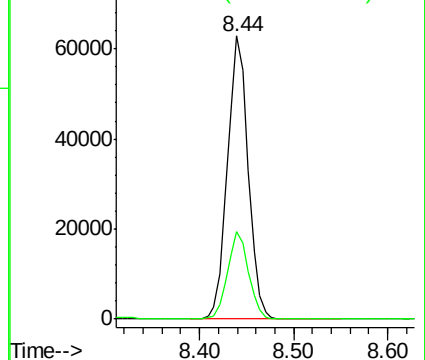
75 100

77 30.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.33 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

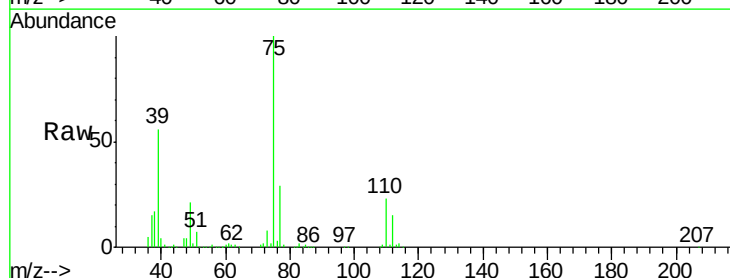
Tgt Ion: 75 Resp: 89939

Ion Ratio Lower Upper

75 100

77 29.3 24.8 37.2

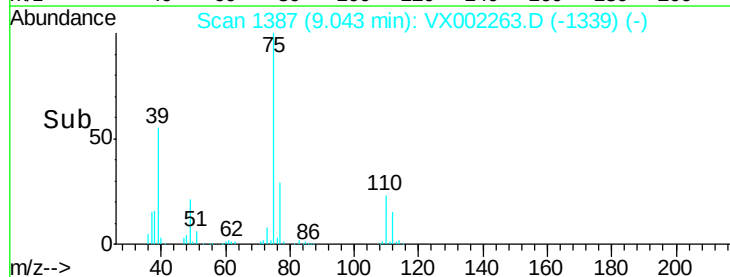
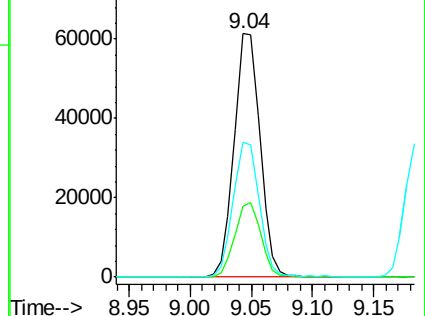
39 55.5 42.4 63.6

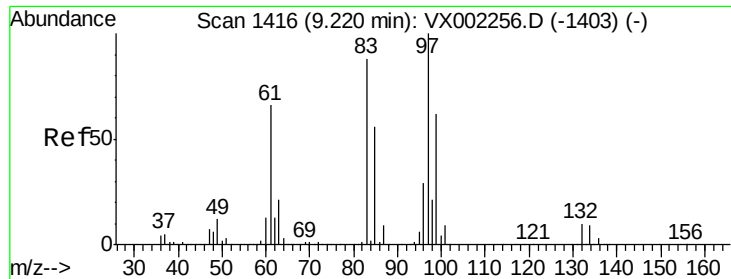


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

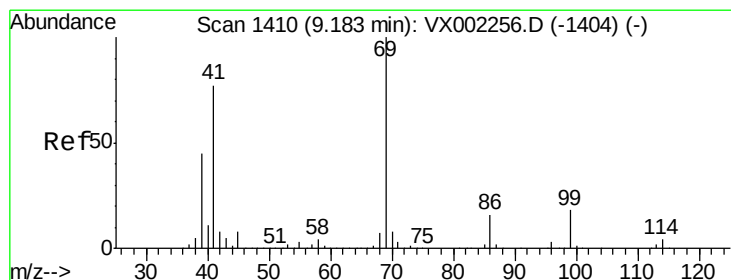
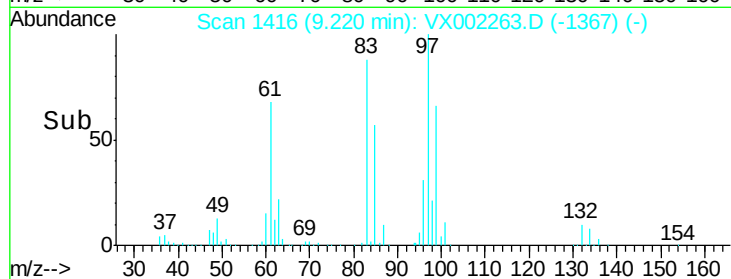
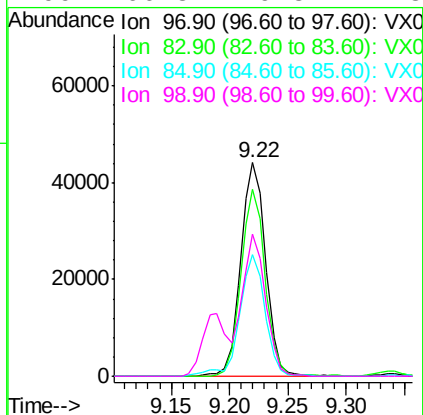
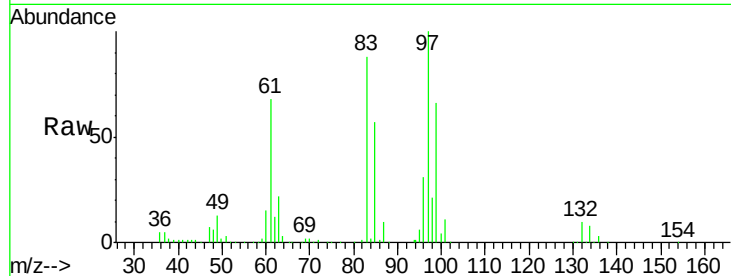




#55
 1,1,2-Trichloroethane
 Concen: 20.32 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

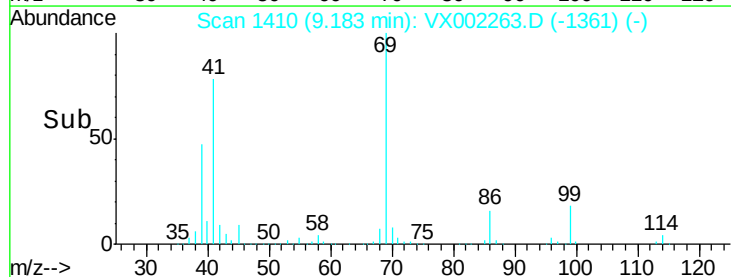
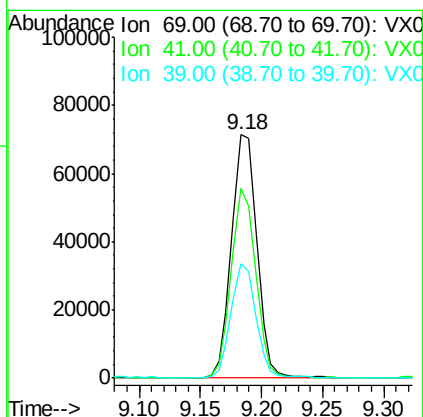
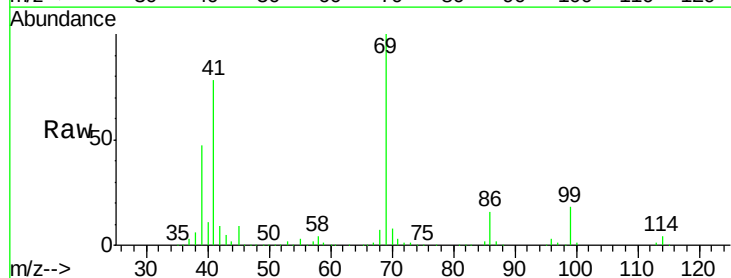
Instrument :
 MSVOA_X
 ClientSampleId :

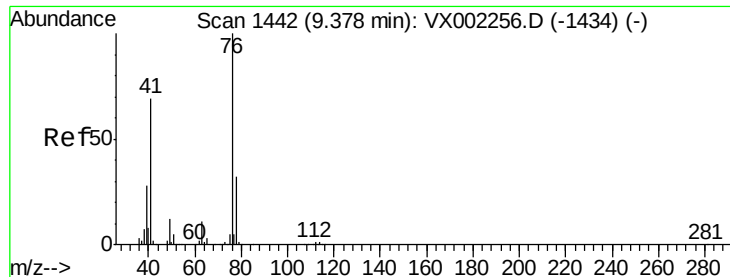
Tot Ion: 97 Resp: 66034
 Ion Ratio Lower Upper
 97 100
 83 87.7 70.2 105.2
 85 56.6 44.9 67.3
 99 66.3 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 19.81 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion: 69 Resp: 102783
 Ion Ratio Lower Upper
 69 100
 41 75.3 60.3 90.5
 39 45.6 35.8 53.8

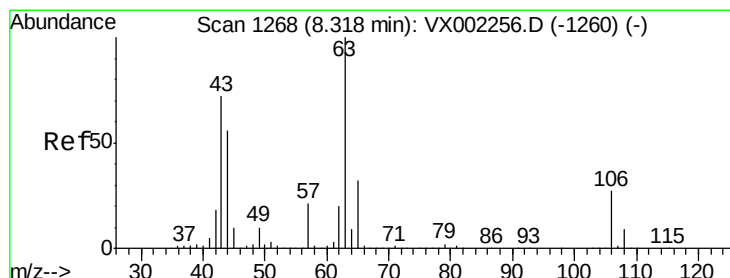
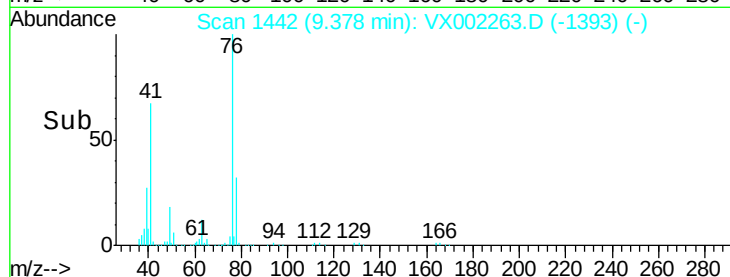
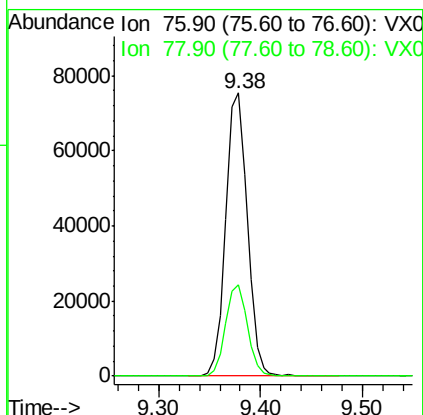
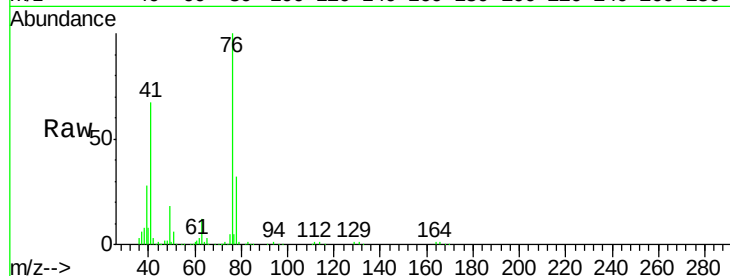




#57
 1,3-Dichloropropane
 Concen: 20.30 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

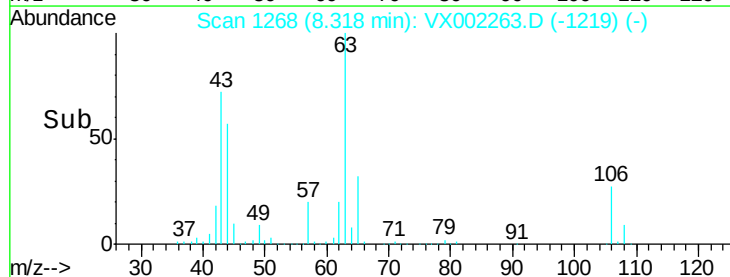
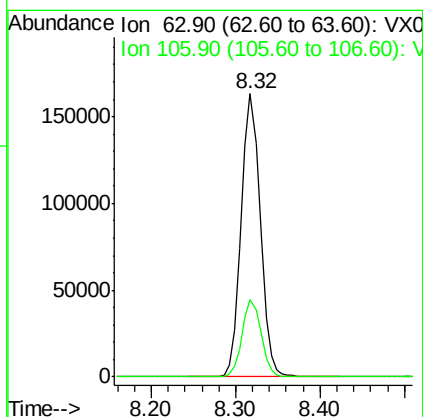
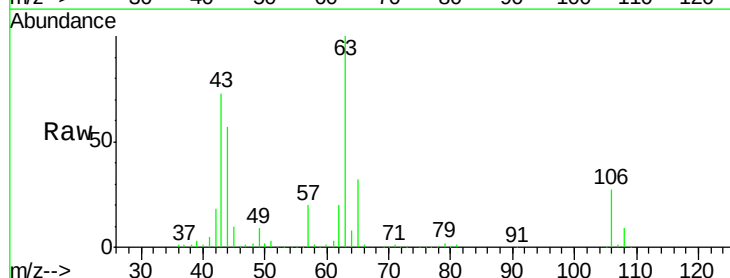
Instrument :
 MSVOA_X
 ClientSampleId :

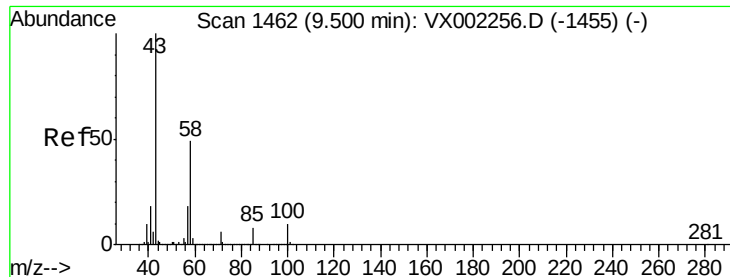
Tot Ion: 76 Resp: 110712
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.21 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion: 63 Resp: 247872
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.8 32.8

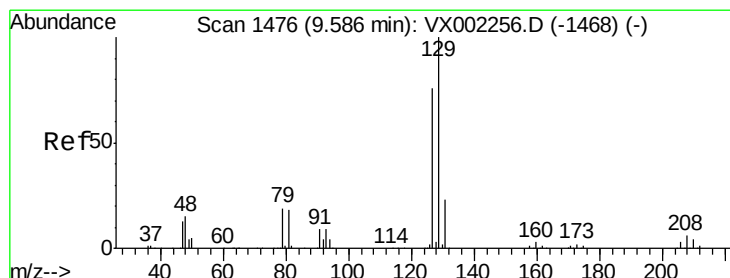
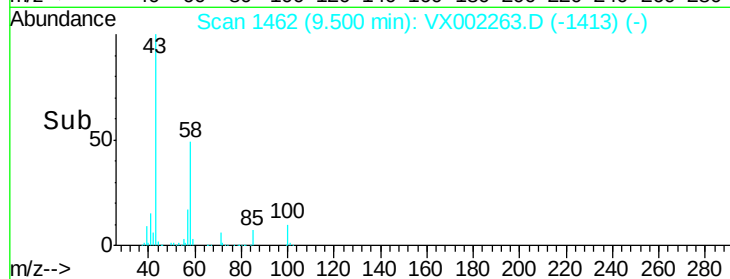
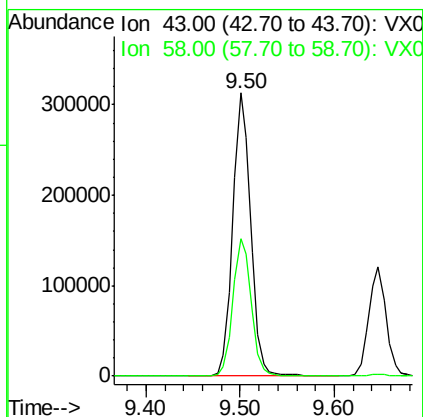
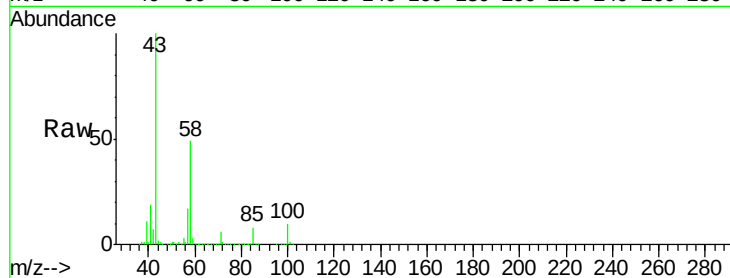




#59
2-Hexanone
Concen: 104.11 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

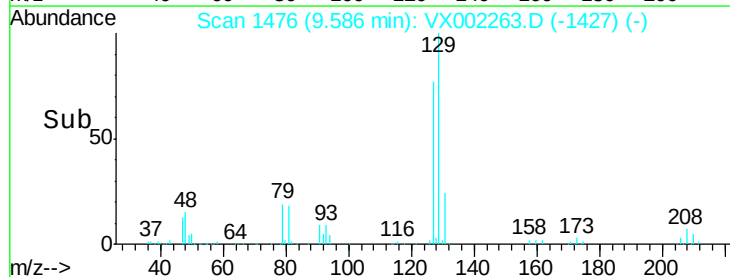
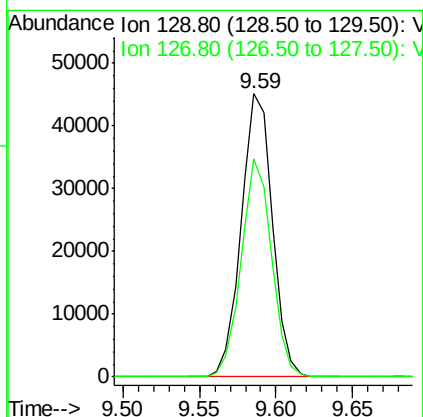
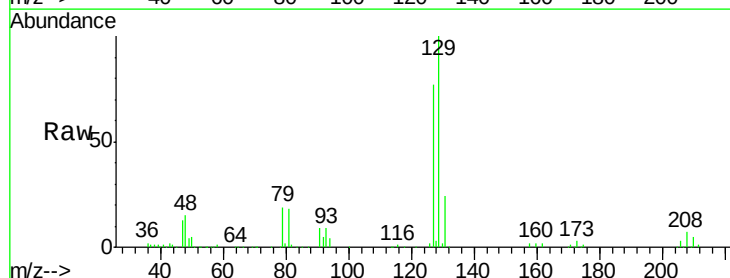
Instrument :
MSVOA_X
ClientSampleId :

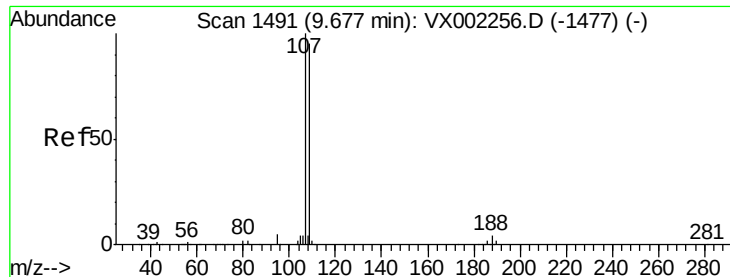
Tot Ion: 43 Resp: 414494
Ion Ratio Lower Upper
43 100
58 49.4 24.6 73.6



#60
Dibromochloromethane
Concen: 19.53 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion: 129 Resp: 63858
Ion Ratio Lower Upper
129 100
127 75.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.29 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

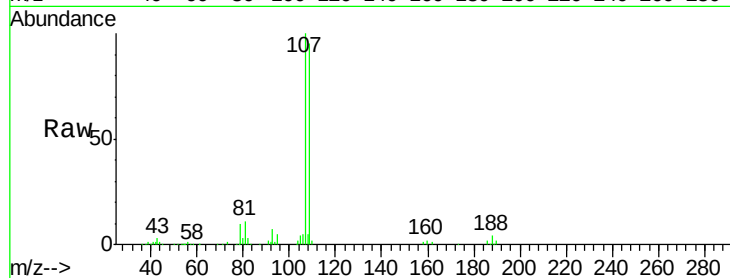
ClientSampled :

Tot Ion:107 Resp: 68752

Ion Ratio Lower Upper

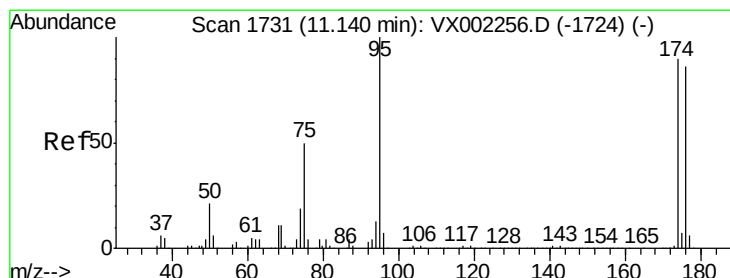
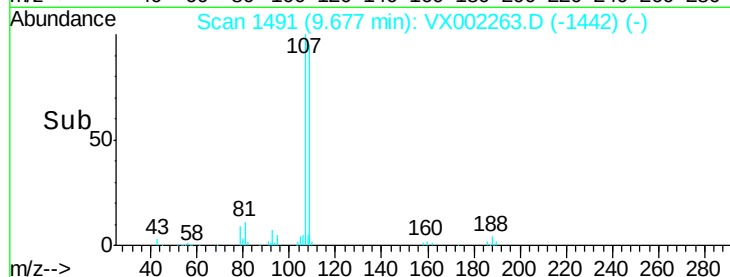
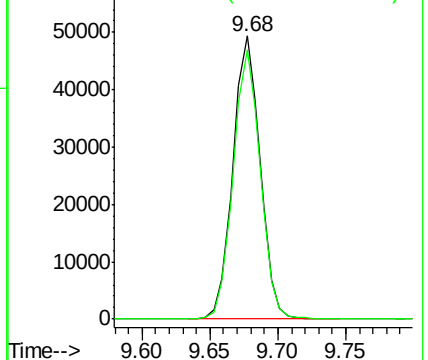
107 100

109 95.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

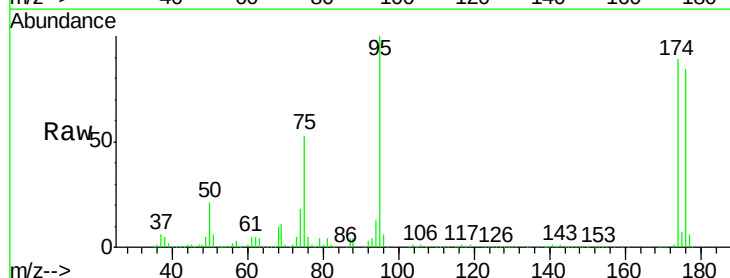
Tgt Ion: 95 Resp: 198634

Ion Ratio Lower Upper

95 100

174 93.8 0.0 187.4

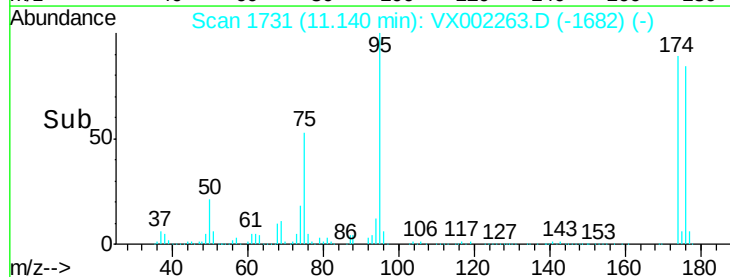
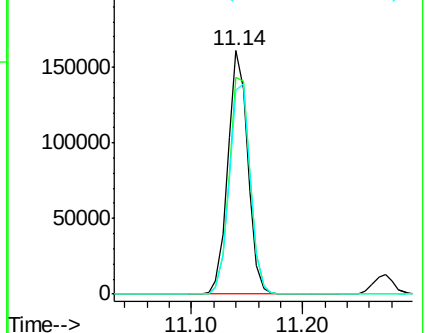
176 91.6 0.0 181.0

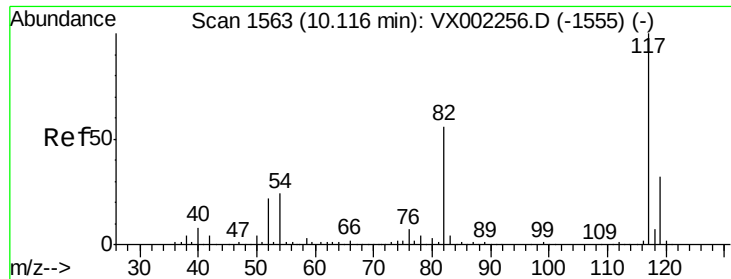


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

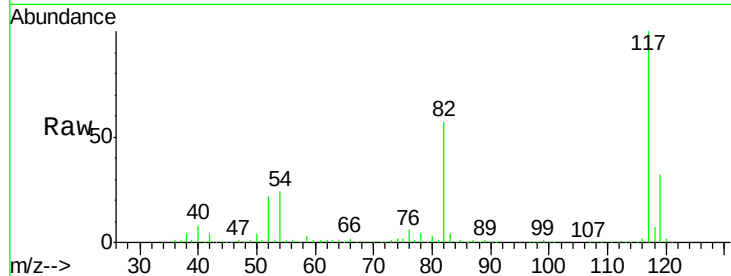




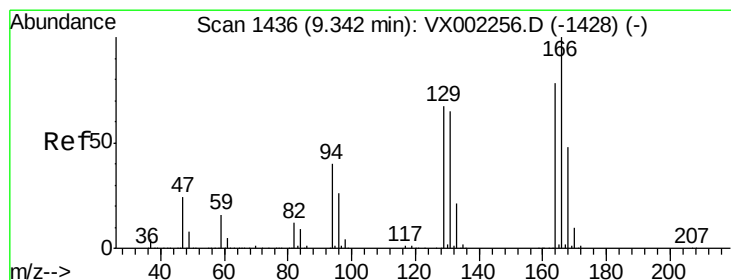
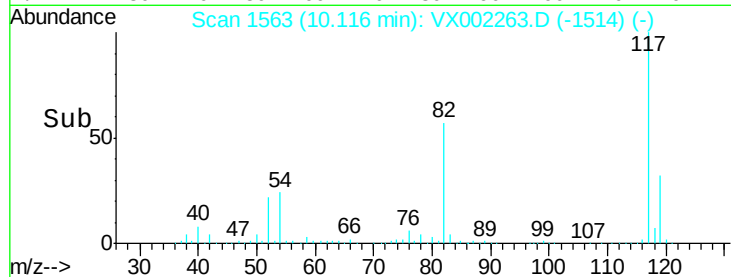
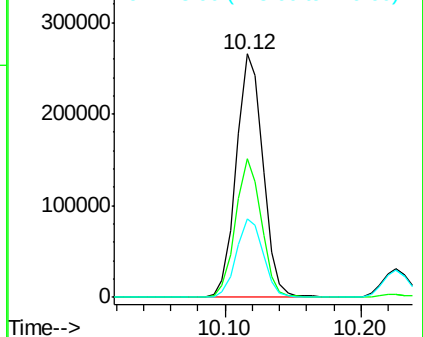
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 364149
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 32.3 25.8 38.6

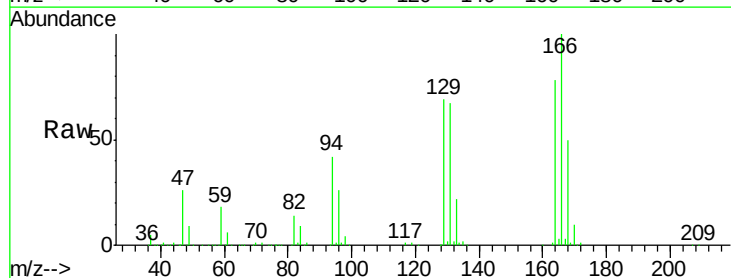


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

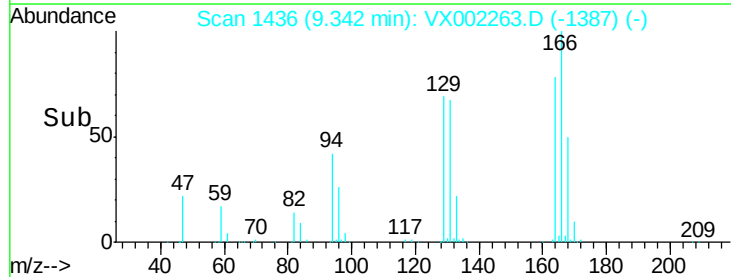
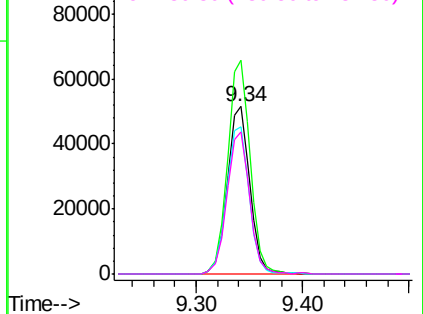


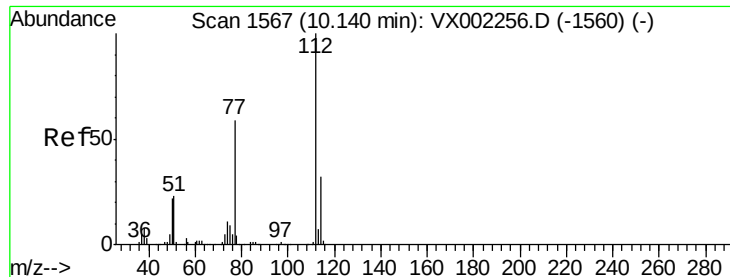
#64
Tetrachloroethene
Concen: 20.33 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion:164 Resp: 76332
Ion Ratio Lower Upper
164 100
166 127.6 102.9 154.3
129 87.7 68.6 102.8
131 85.1 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.69 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

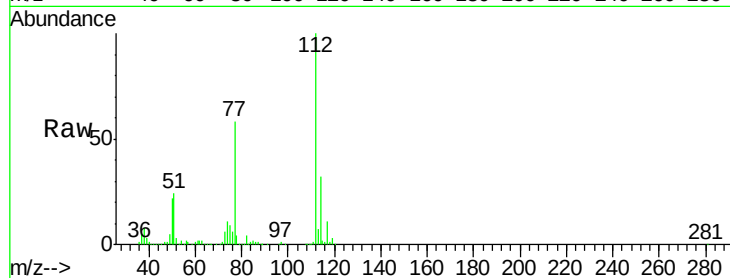
ClientSampleId :

Tot Ion:112 Resp: 178388

Ion Ratio Lower Upper

112 100

114 32.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

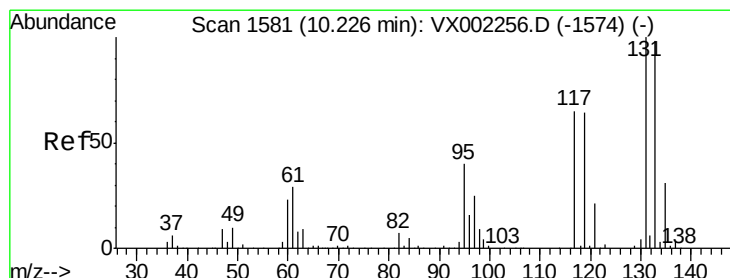
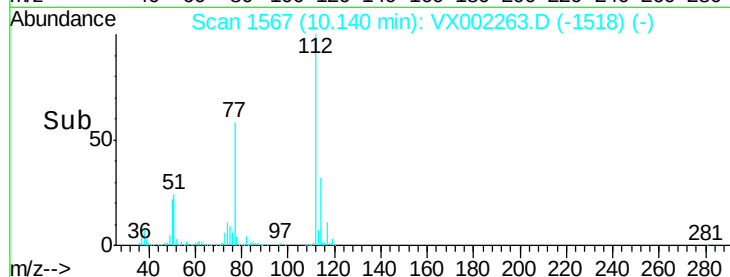
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.52 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

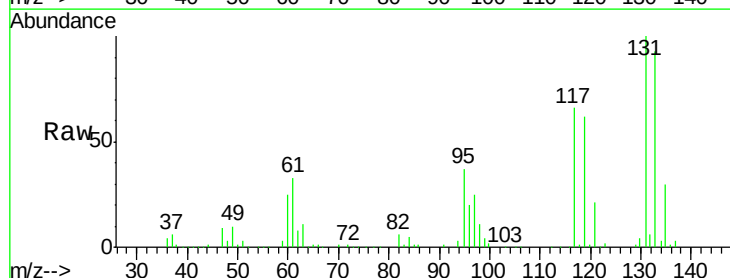
Tgt Ion:131 Resp: 64044

Ion Ratio Lower Upper

131 100

133 93.8 47.9 143.6

119 63.0 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

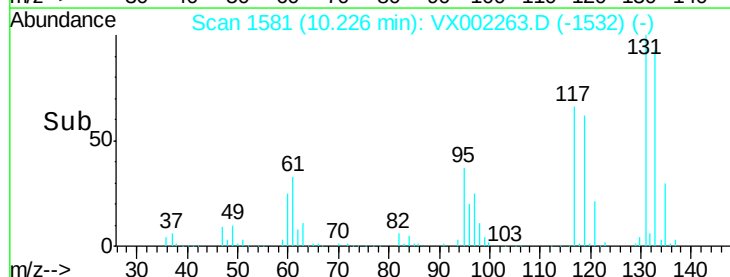
30000

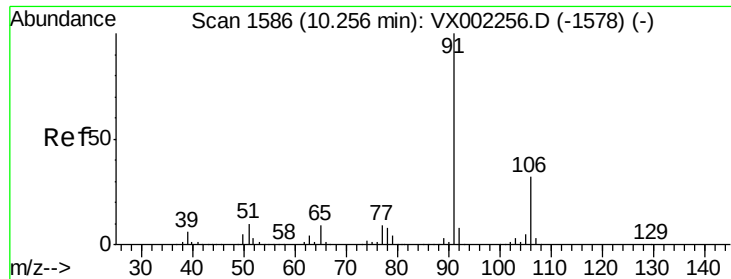
20000

10000

0

Time-->

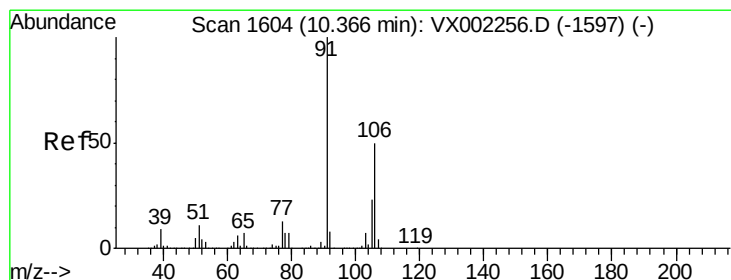
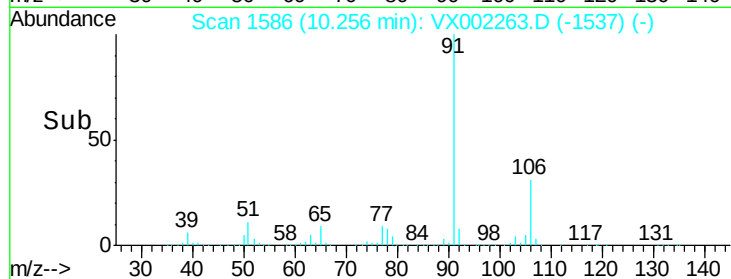
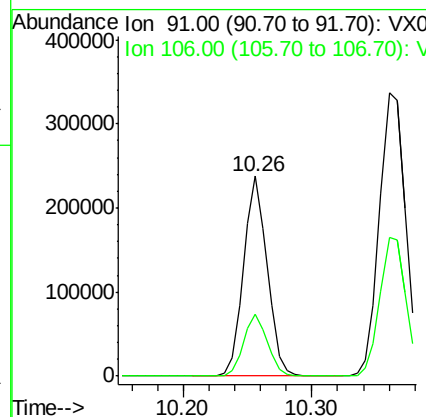
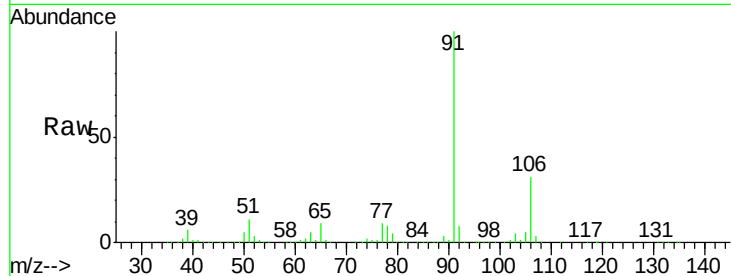




#67
Ethyl Benzene
Concen: 19.98 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

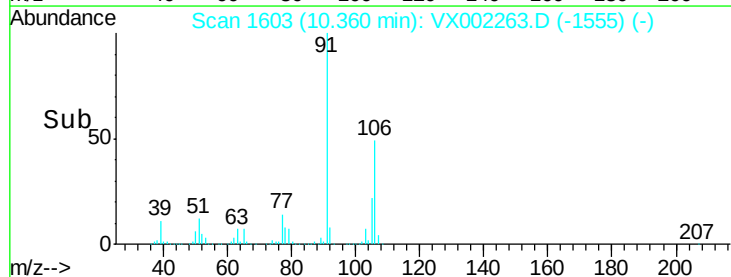
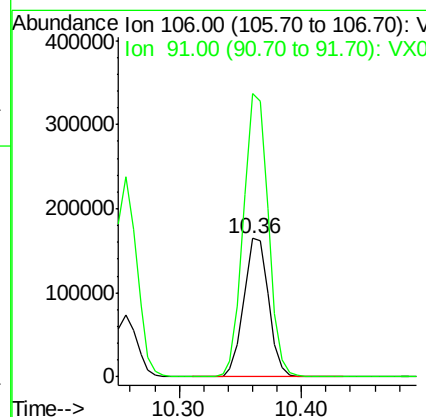
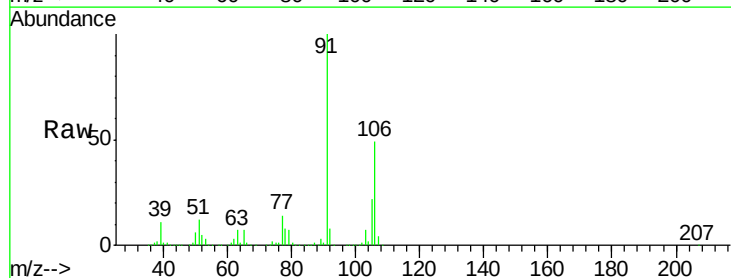
Instrument :
MSVOA_X
ClientSampleId :

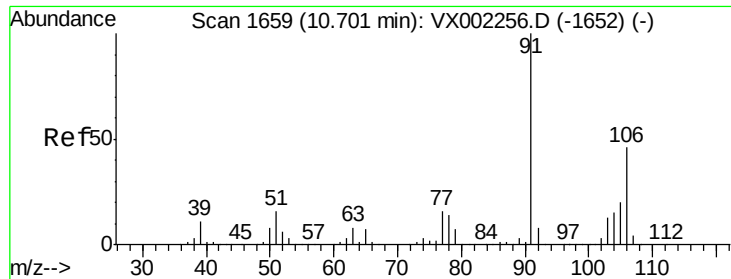
Tot Ion: 91 Resp: 302904
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 39.26 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion: 106 Resp: 231437
Ion Ratio Lower Upper
106 100
91 204.6 163.4 245.2

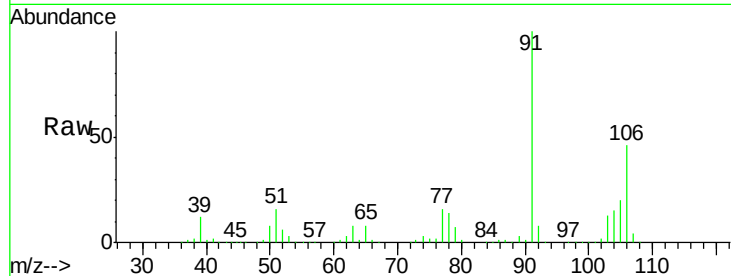




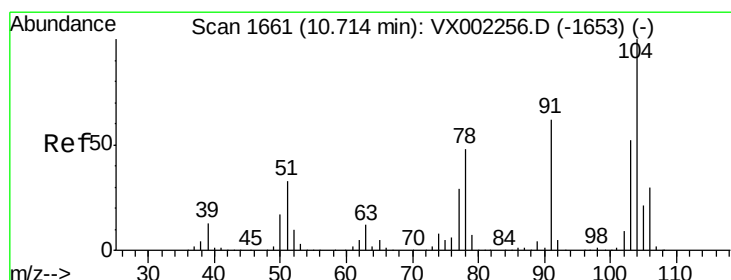
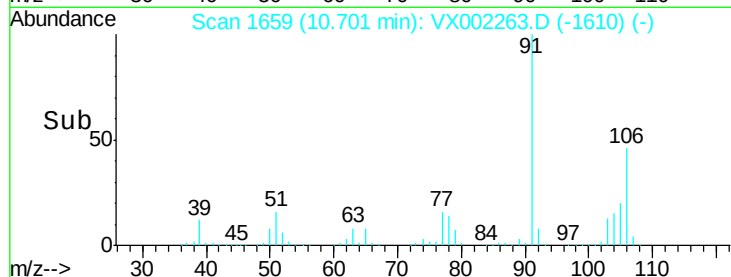
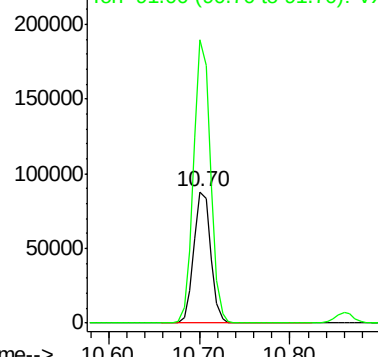
#69
o-Xylene
Concen: 19.76 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 115891
Ion Ratio Lower Upper
106 100
91 214.1 108.2 324.6

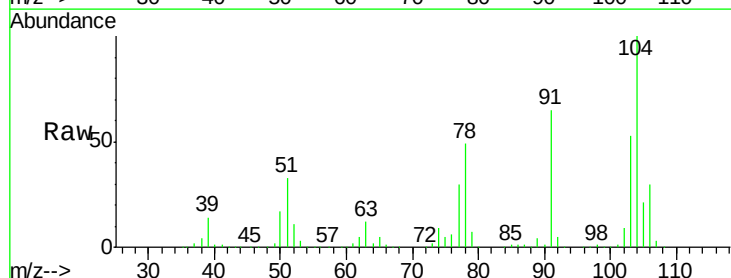


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

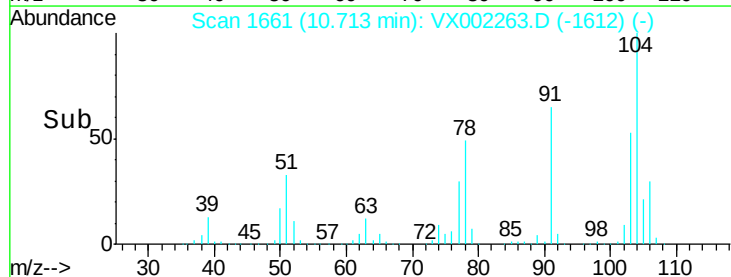
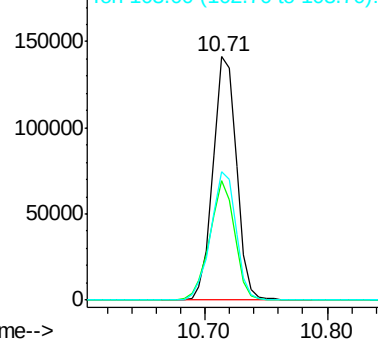


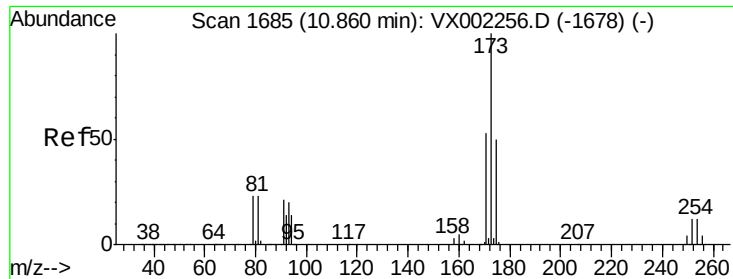
#70
Styrene
Concen: 19.57 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion:104 Resp: 187697
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.6
103 56.6 44.2 66.4



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





#71

Bromoform

Concen: 18.29 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

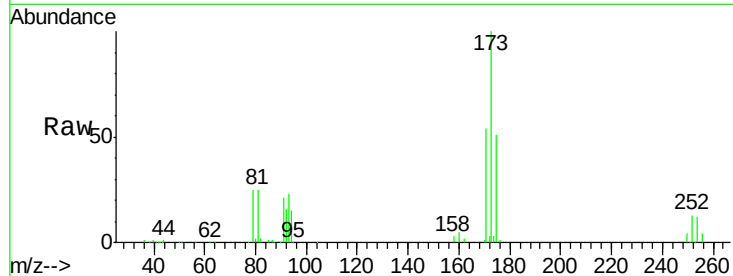
Tot Ion:173 Resp: 46828

Ion Ratio Lower Upper

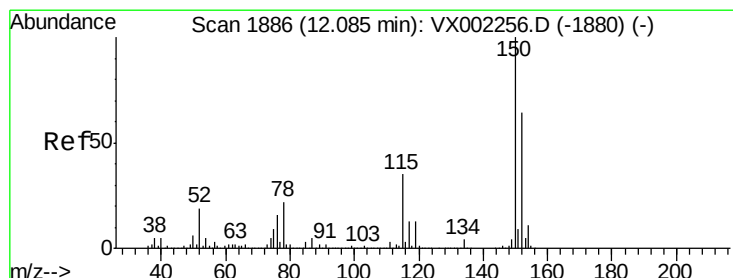
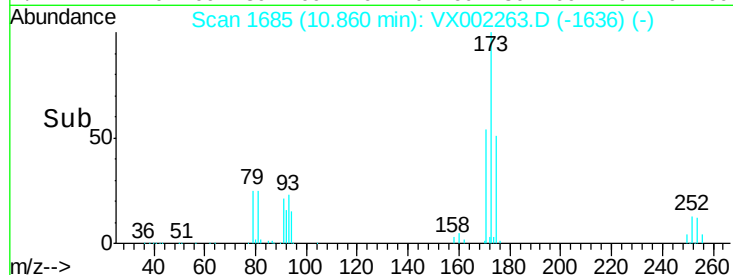
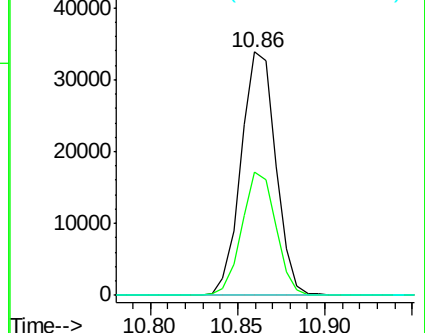
173 100

175 49.6 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: VX002263.D

Acq: 04 Jun 2018 16:34

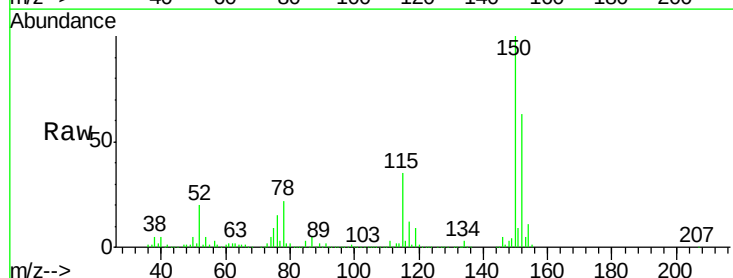
Tgt Ion:152 Resp: 217915

Ion Ratio Lower Upper

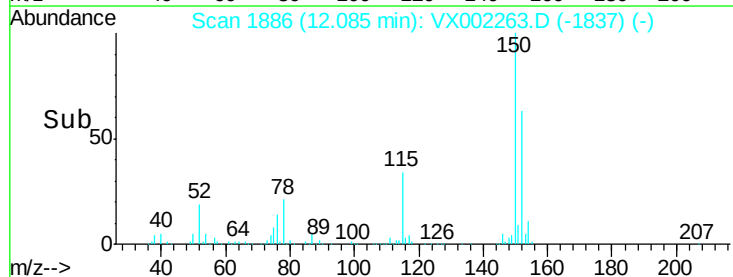
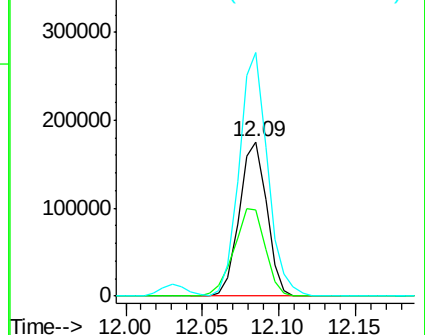
152 100

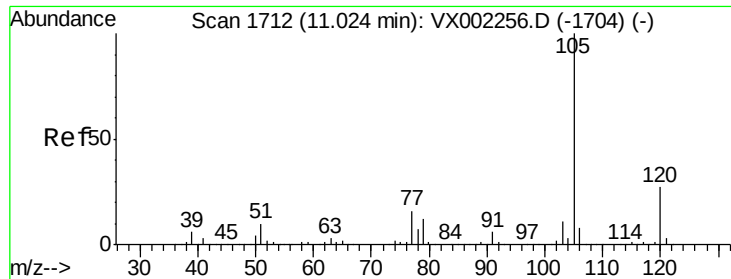
115 64.9 40.1 120.2

150 163.7 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.27 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

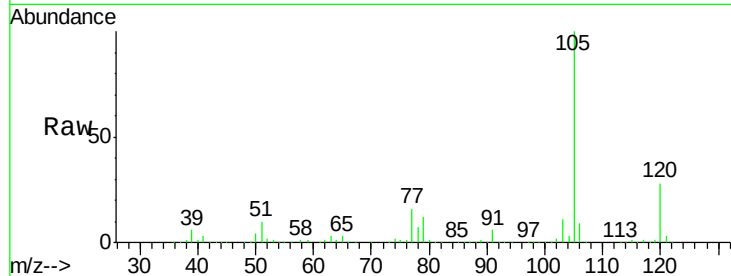
ClientSampled :

Tot Ion:105 Resp: 307246

Ion Ratio Lower Upper

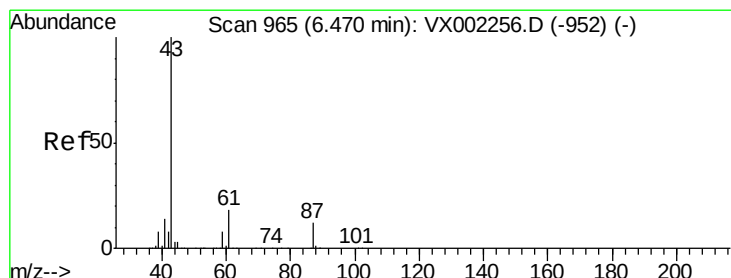
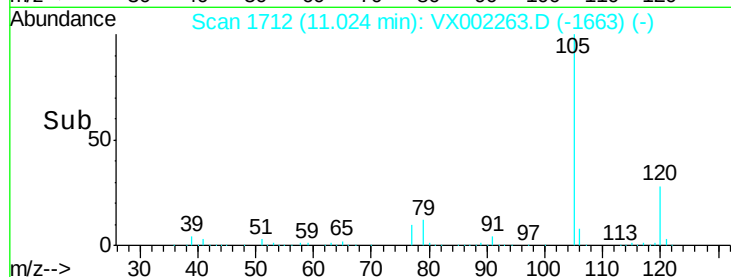
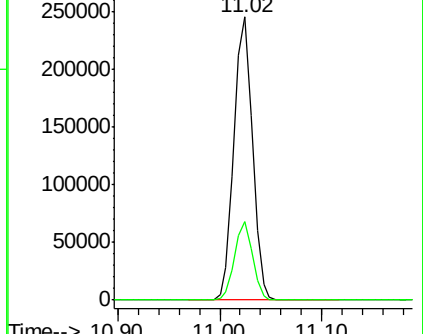
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.35 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Tgt Ion: 43 Resp: 166238

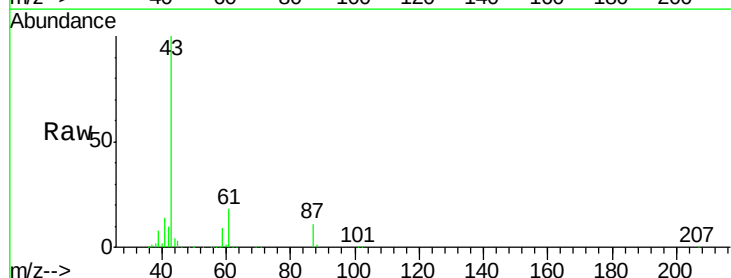
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.1 14.4 21.6

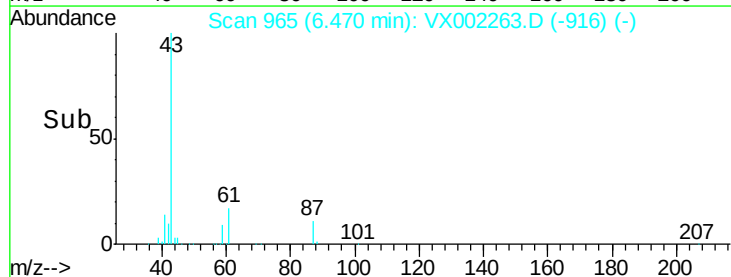
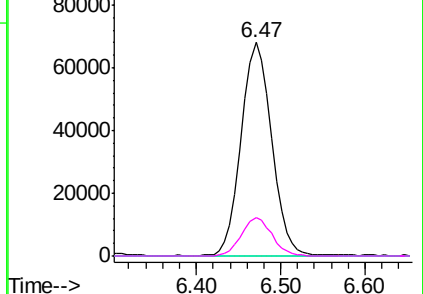


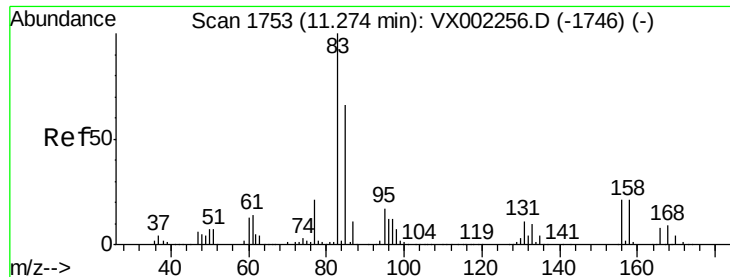
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.08 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

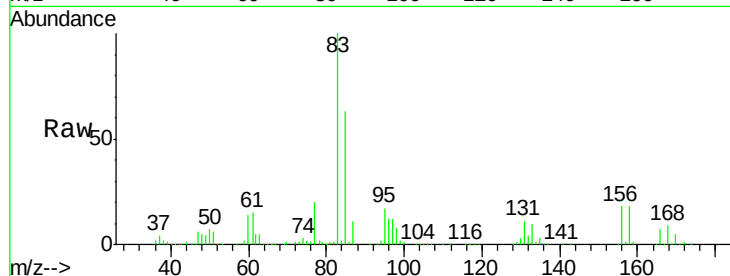
Tot Ion: 83 Resp: 95742

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

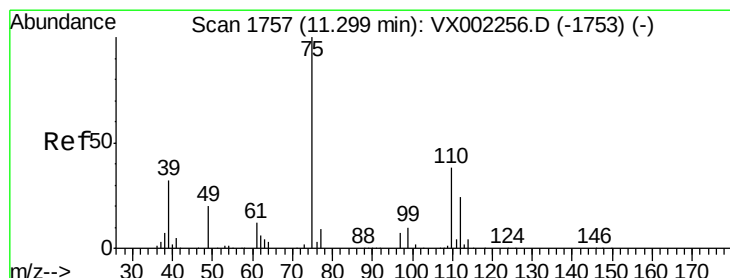
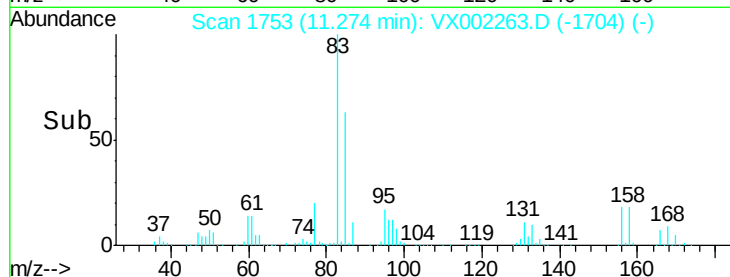
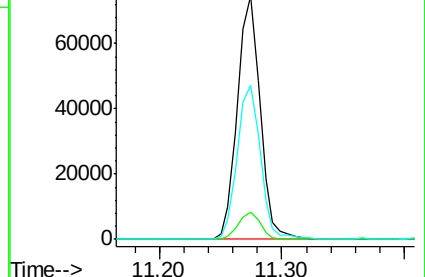
85 64.8 32.4 97.2



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: 23.23 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002263.D

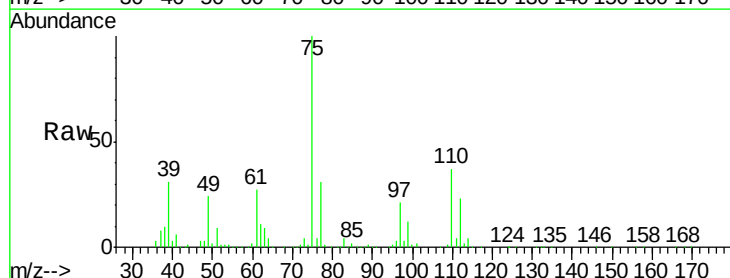
Acq: 04 Jun 2018 16:34

Tgt Ion: 75 Resp: 111092

Ion Ratio Lower Upper

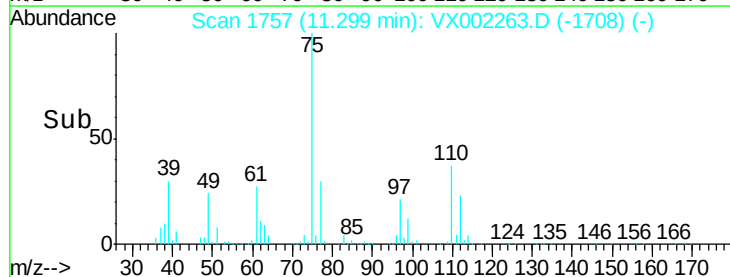
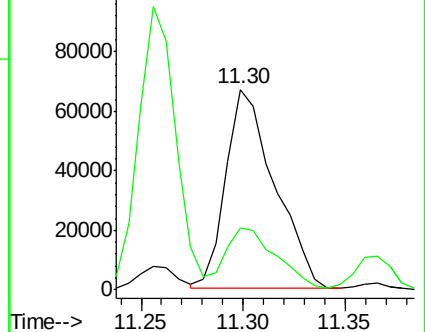
75 100

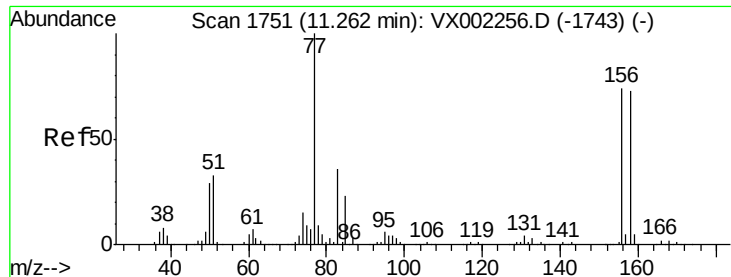
77 32.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.88 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

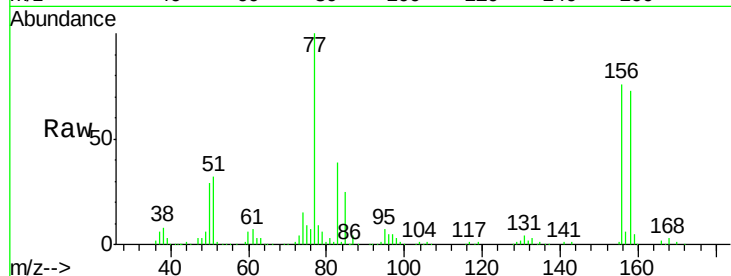
Tot Ion:156 Resp: 84625

Ion Ratio Lower Upper

156 100

77 142.7 71.4 214.2

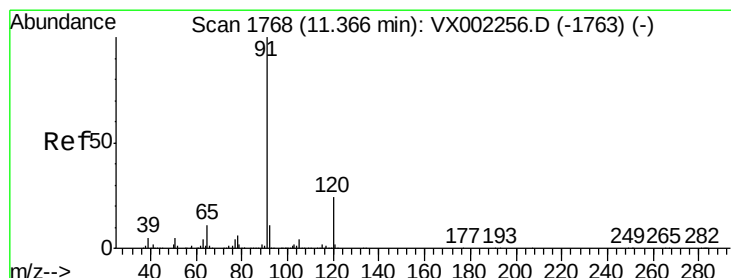
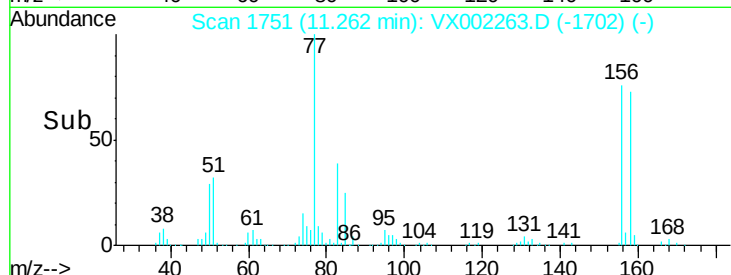
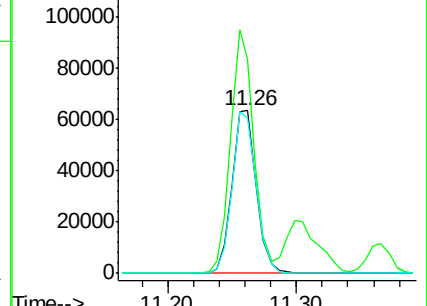
158 98.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.53 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002263.D

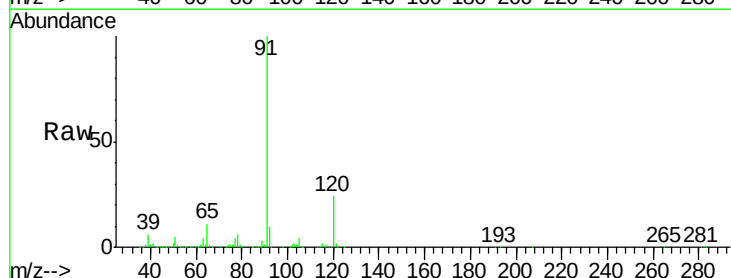
Acq: 04 Jun 2018 16:34

Tgt Ion: 91 Resp: 345933

Ion Ratio Lower Upper

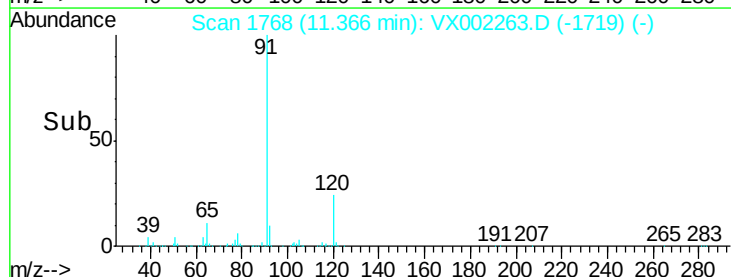
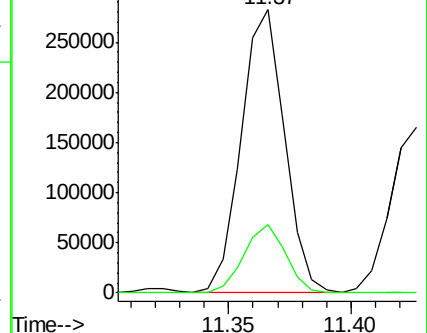
91 100

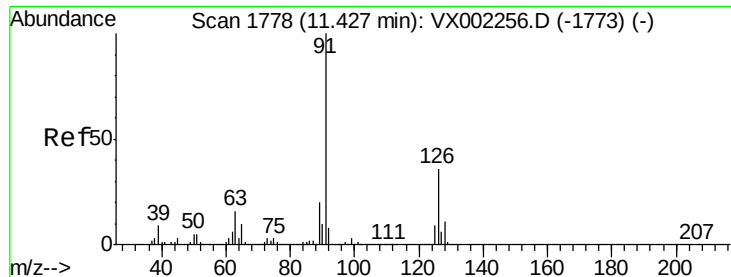
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.55 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

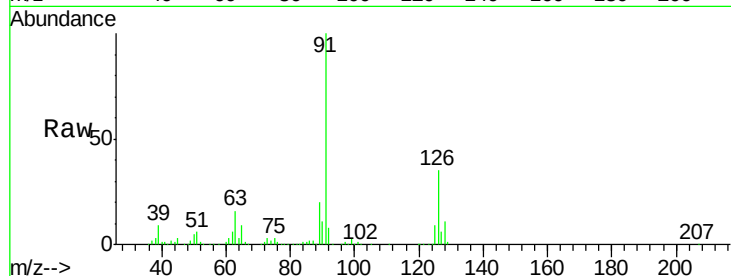
ClientSampleId :

Tot Ion: 91 Resp: 208023

Ion Ratio Lower Upper

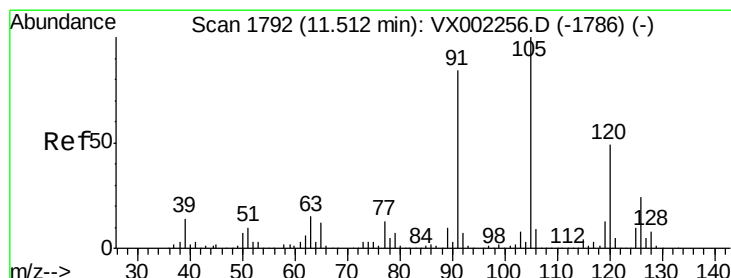
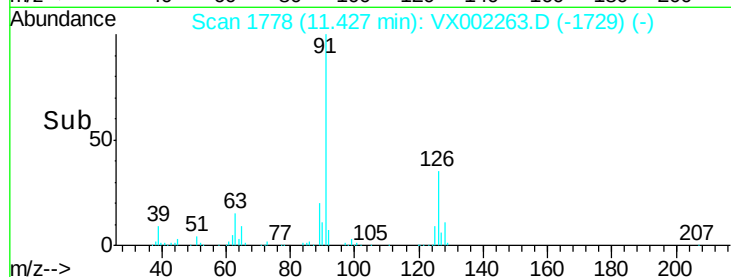
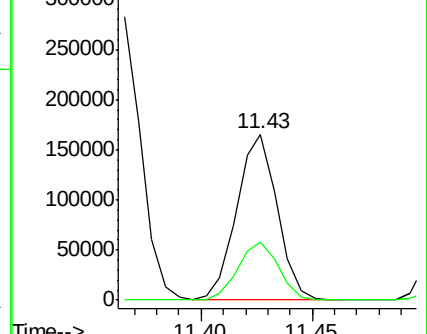
91 100

126 35.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.07 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002263.D

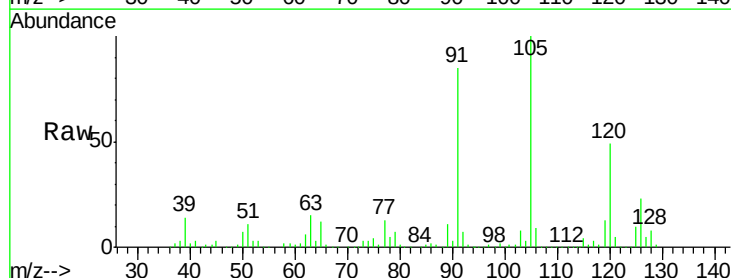
Acq: 04 Jun 2018 16:34

Tgt Ion:105 Resp: 260958

Ion Ratio Lower Upper

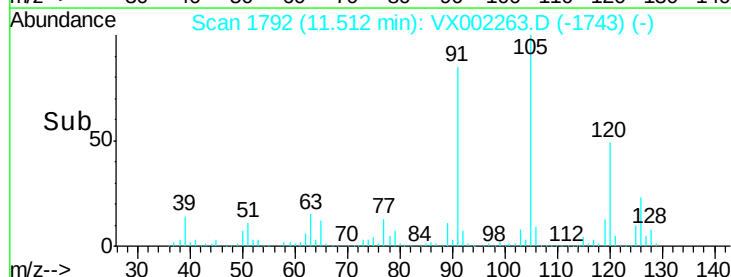
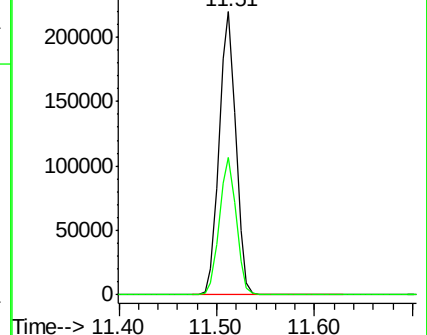
105 100

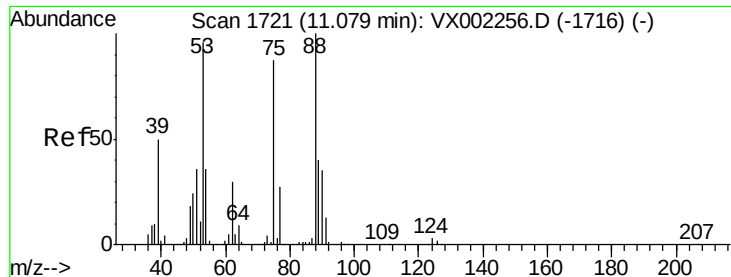
120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

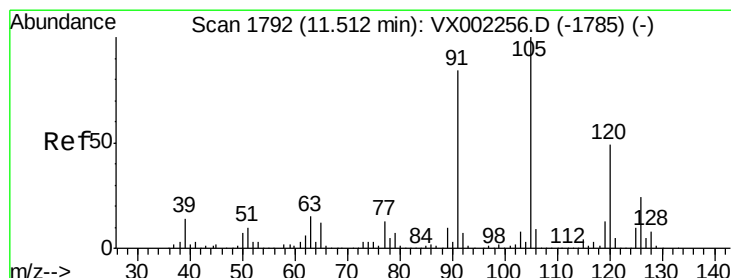
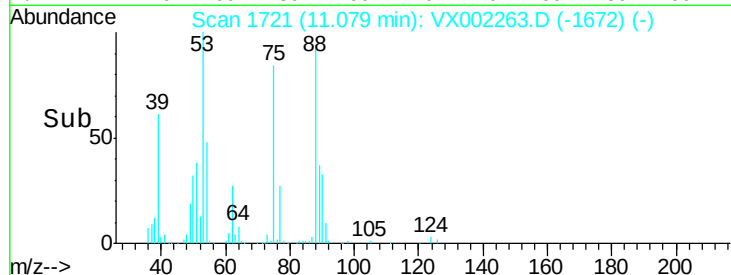
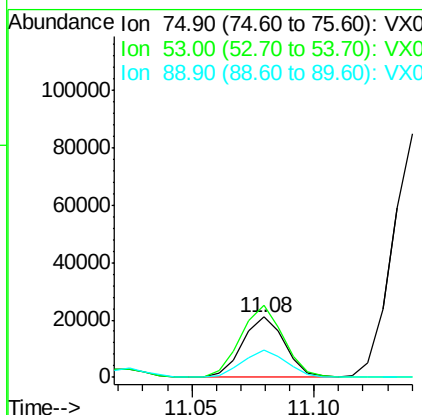
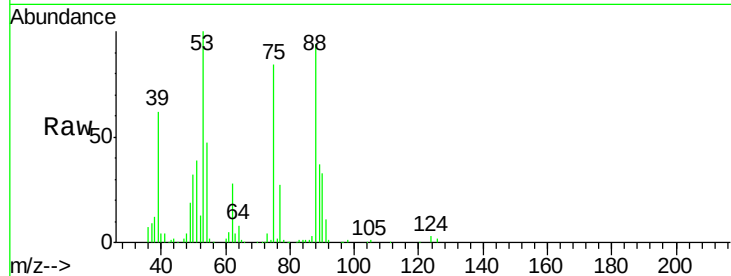




#81
trans-1,4-Dichloro-2-butene
Concen: 18.59 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

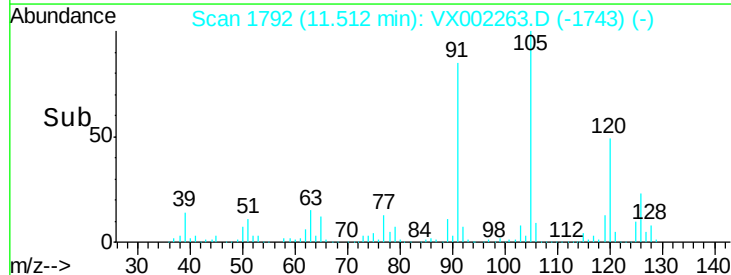
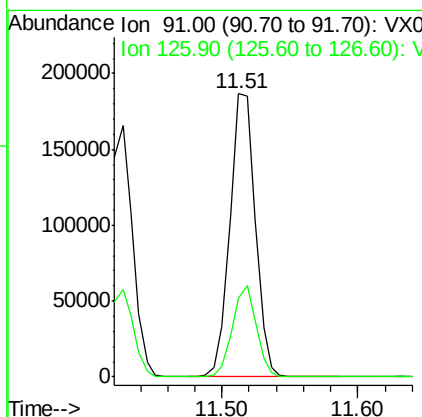
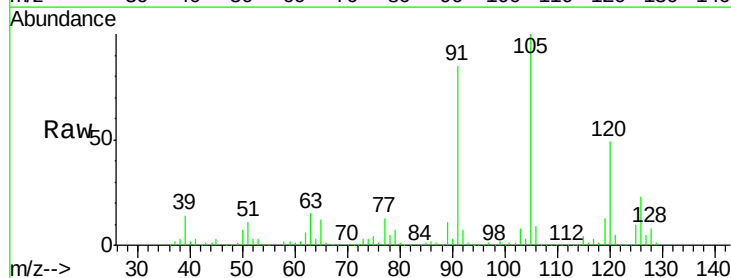
Instrument :
MSVOA_X
ClientSampled :

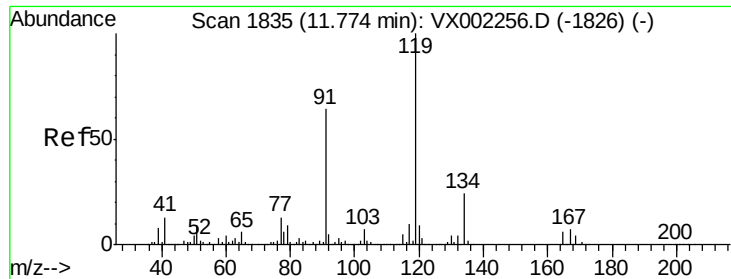
Tot Ion: 75 Resp: 25365
Ion Ratio Lower Upper
75 100
53 121.7 86.8 130.2
89 45.8 38.2 57.2



#82
4-Chlorotoluene
Concen: 19.77 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion: 91 Resp: 242752
Ion Ratio Lower Upper
91 100
126 30.4 15.4 46.4

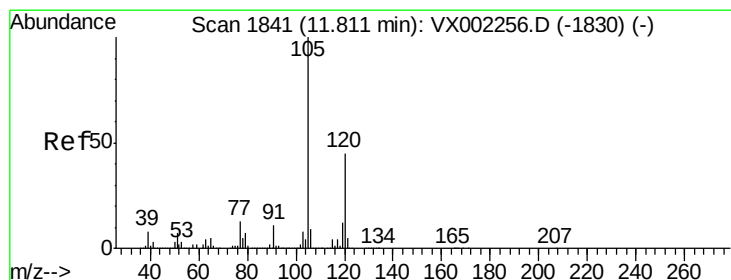
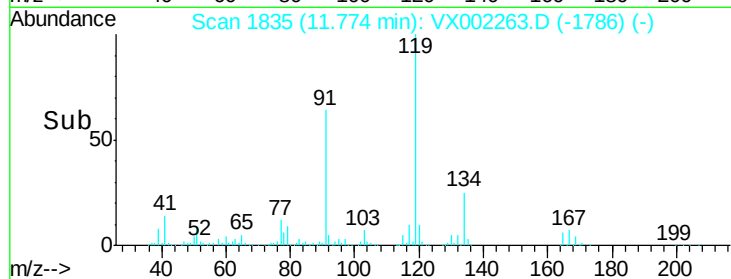
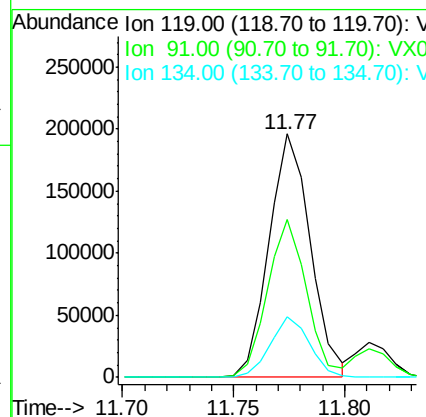
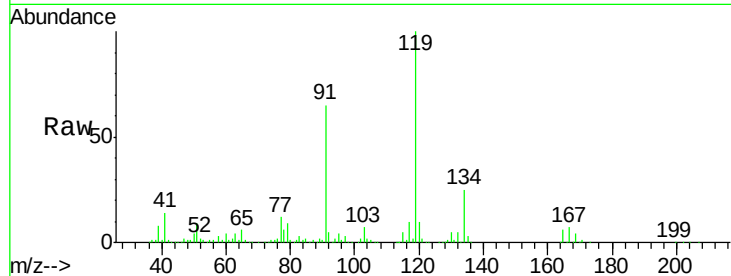




#83
 tert-Butylbenzene
 Concen: 20.02 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

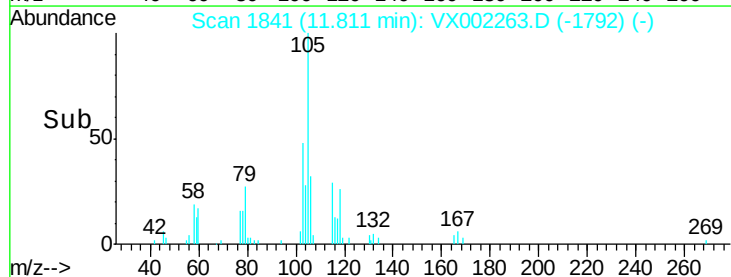
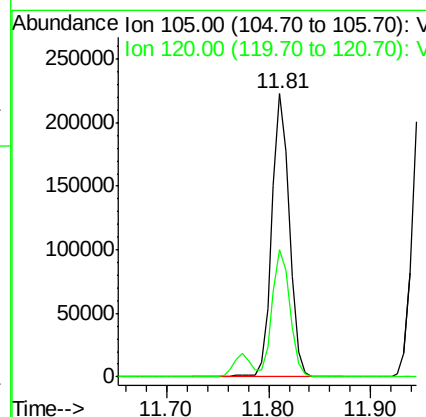
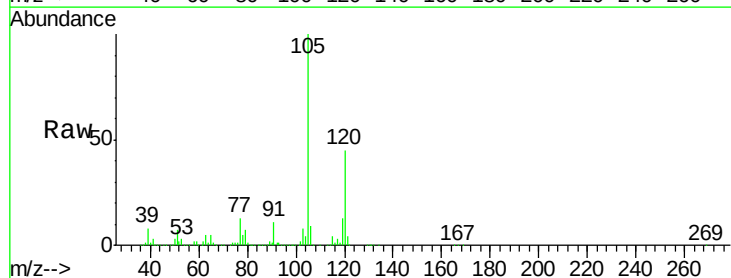
Instrument :
 MSVOA_X
 ClientSampled :

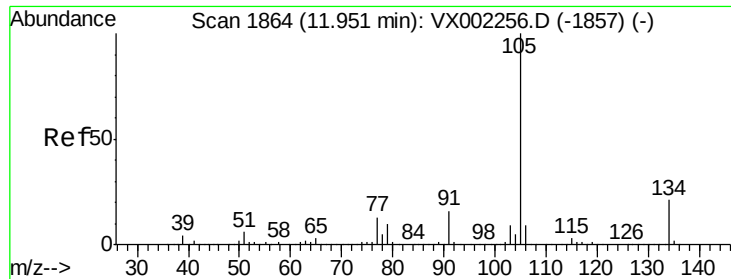
Tot Ion:119 Resp: 253534
 Ion Ratio Lower Upper
 119 100
 91 61.5 30.3 90.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.89 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion:105 Resp: 266229
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.93 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

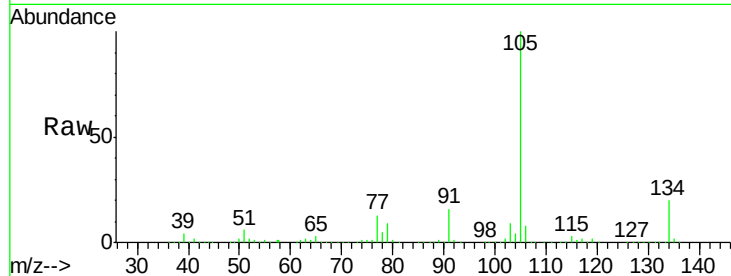
ClientSampleId :

Tot Ion:105 Resp: 310713

Ion Ratio Lower Upper

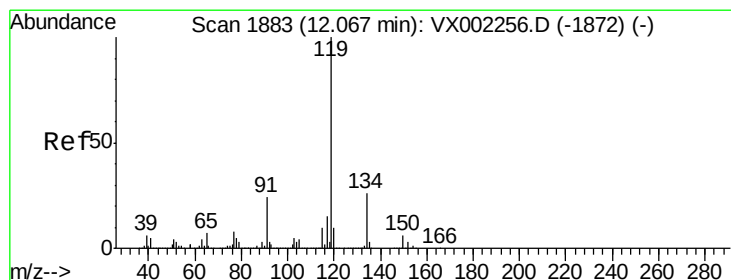
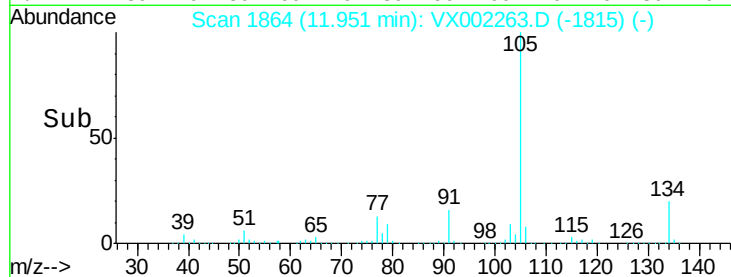
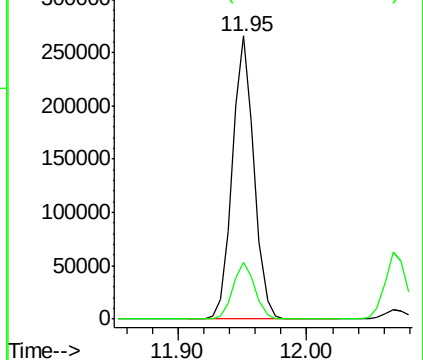
105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.49 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

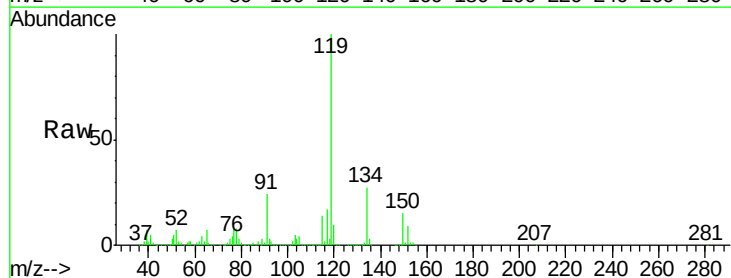
Tgt Ion:119 Resp: 277046

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

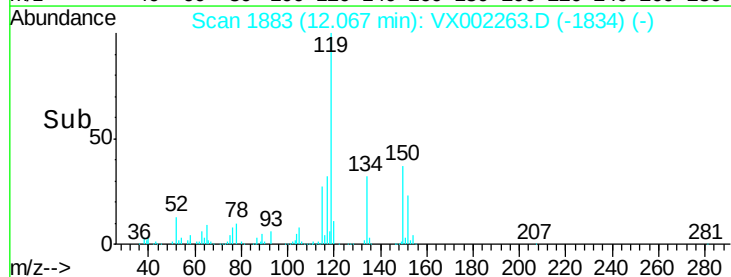
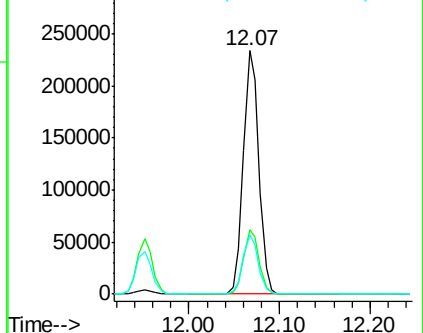
91 24.1 11.9 35.7

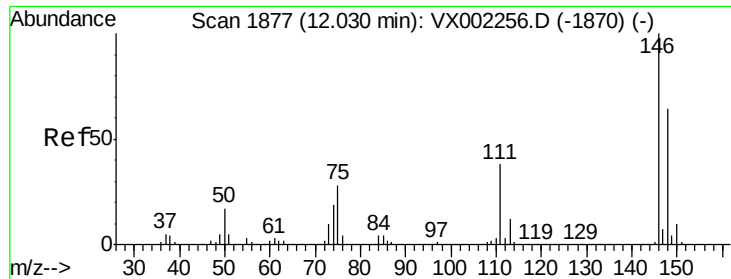


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

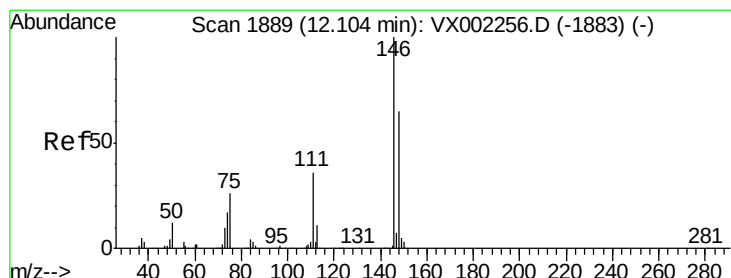
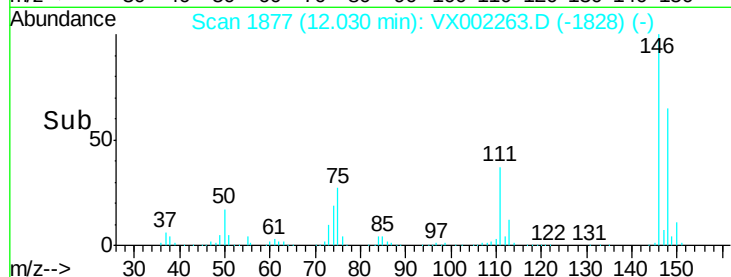
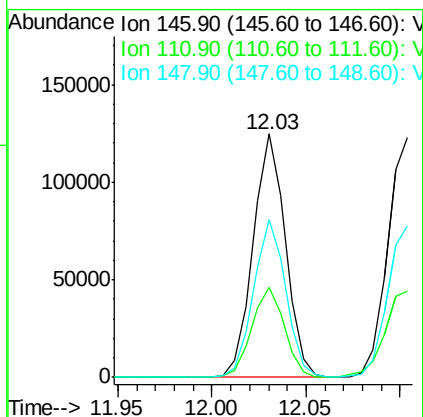
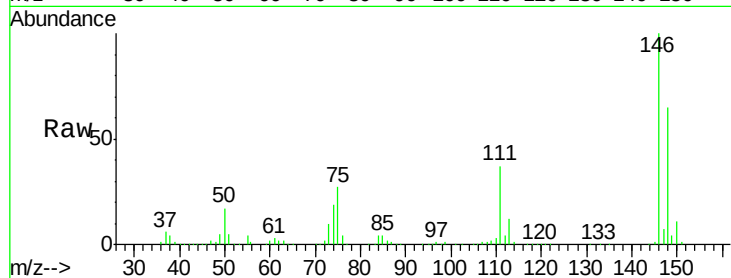




#87
 1,3-Dichlorobenzene
 Concen: 19.50 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

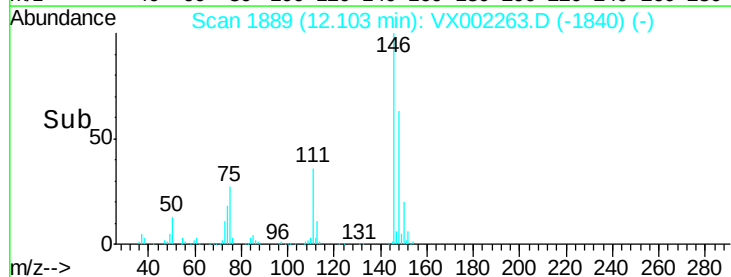
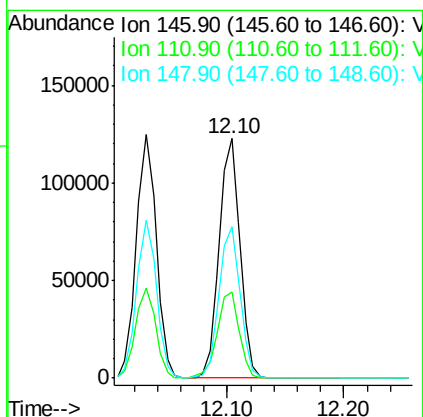
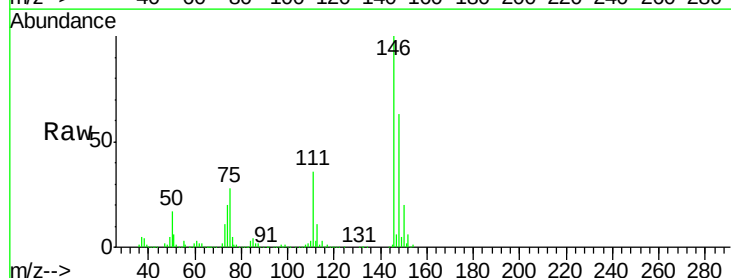
Instrument :
 MSVOA_X
 ClientSampleId :

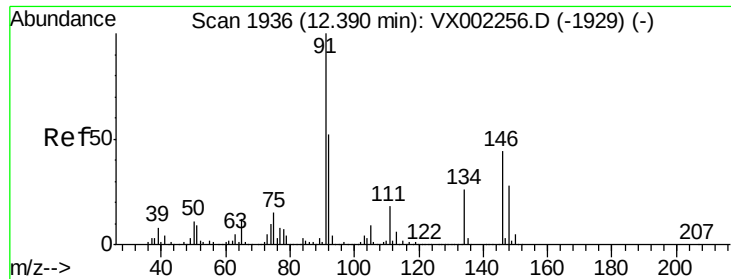
Tot Ion:146 Resp: 148412
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 64.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.26 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion:146 Resp: 151041
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.7 56.1
 148 64.0 32.4 97.0





#89

n-Butylbenzene

Concen: 20.19 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

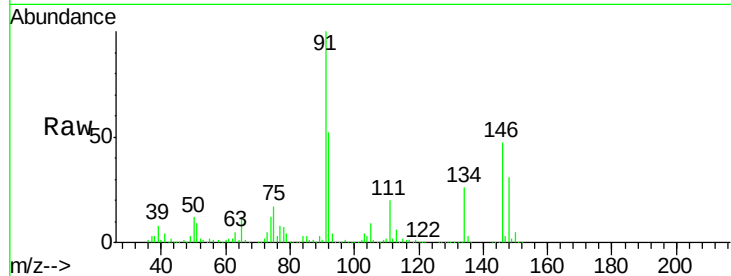
Tot Ion: 91 Resp: 228923

Ion Ratio Lower Upper

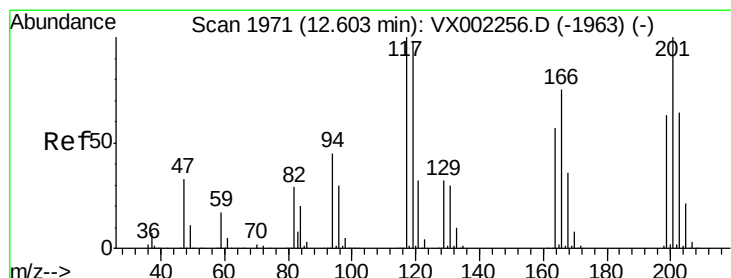
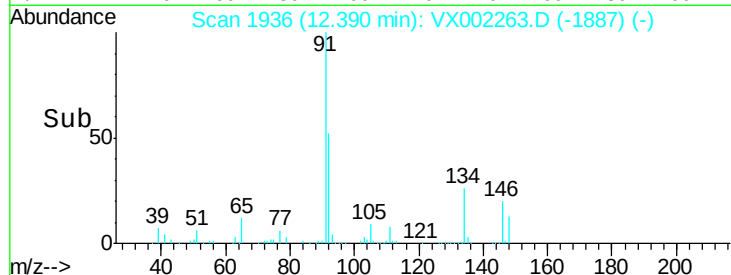
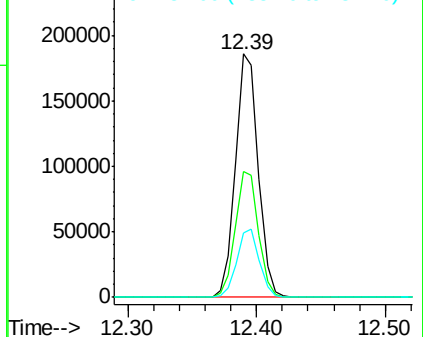
91 100

92 52.4 26.0 78.0

134 27.4 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: 18.37 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002263.D

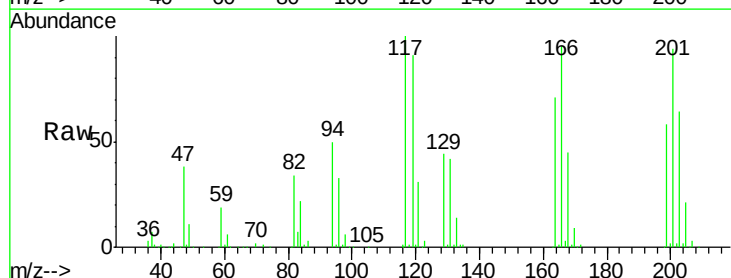
Acq: 04 Jun 2018 16:34

Tgt Ion: 117 Resp: 39645

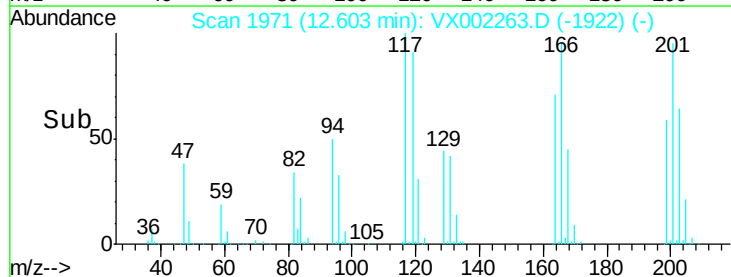
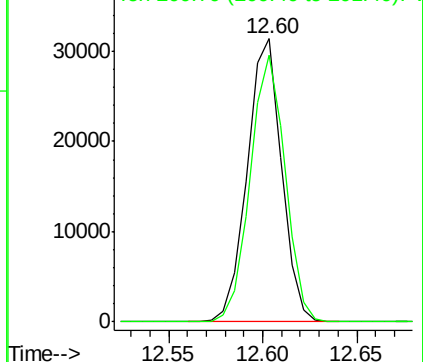
Ion Ratio Lower Upper

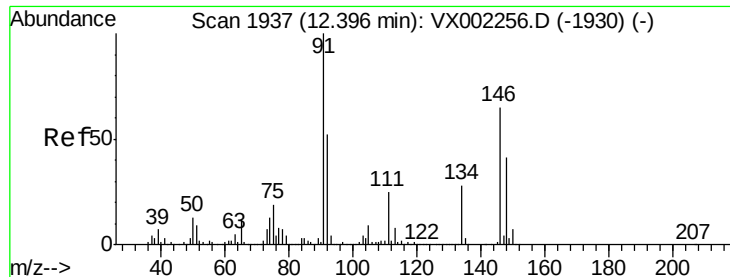
117 100

201 95.6 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

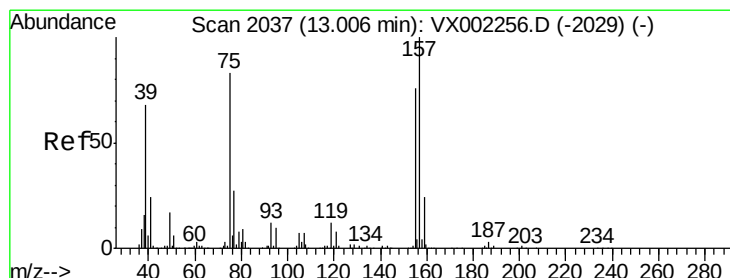
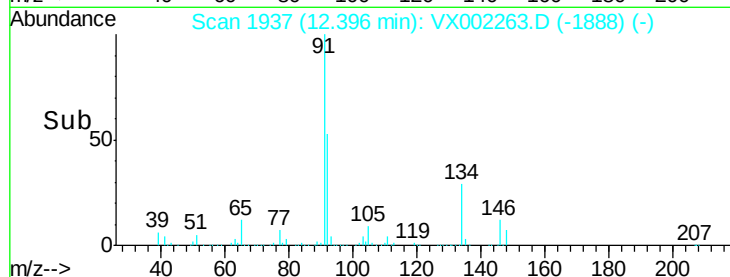
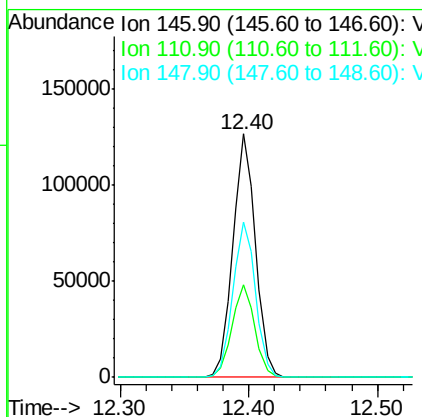
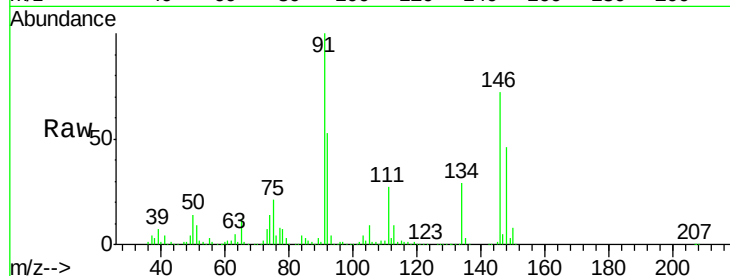




#91
1,2-Dichlorobenzene
Concen: 19.71 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

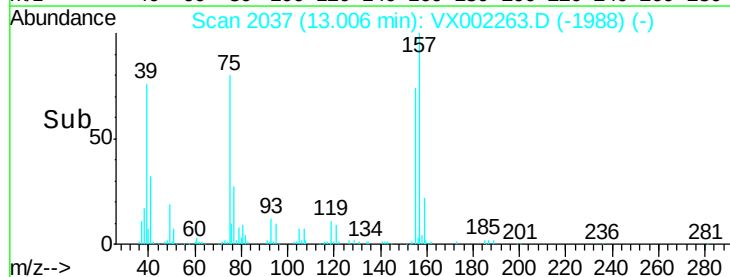
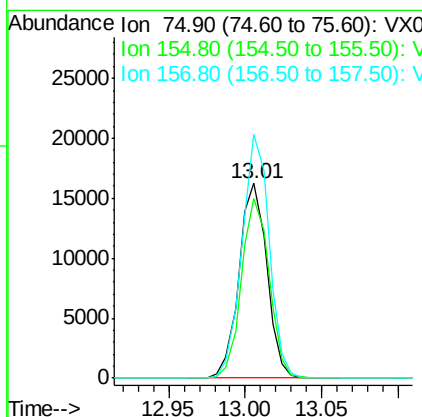
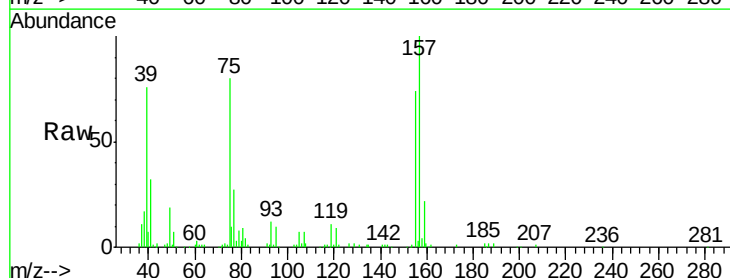
Instrument :
MSVOA_X
ClientSampleId :

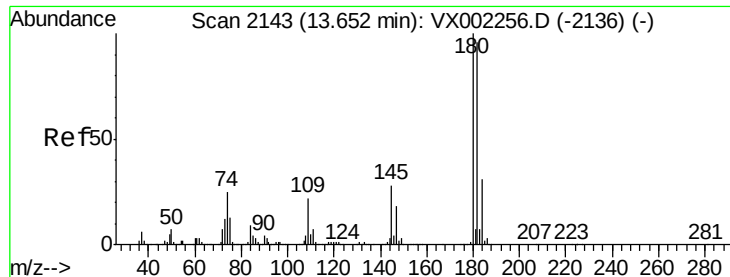
Tot Ion:146 Resp: 155188
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.1
148 64.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.72 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion: 75 Resp: 20559
Ion Ratio Lower Upper
75 100
155 91.4 45.8 137.4
157 122.2 60.1 180.3

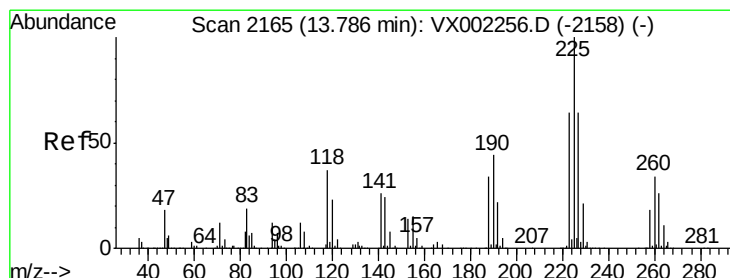
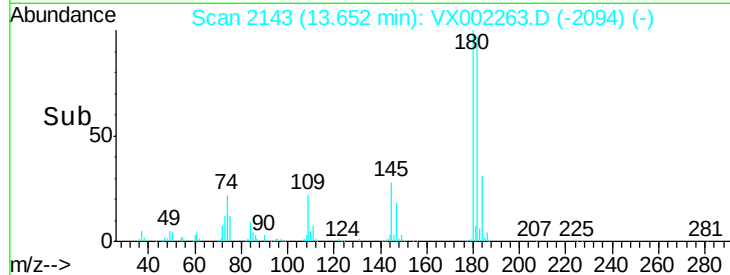
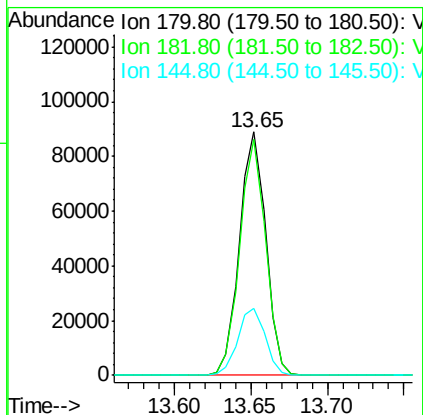
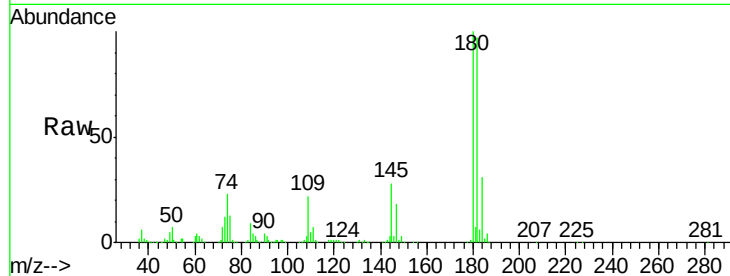




#93
 1,2,4-Trichlorobenzene
 Concen: 19.24 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

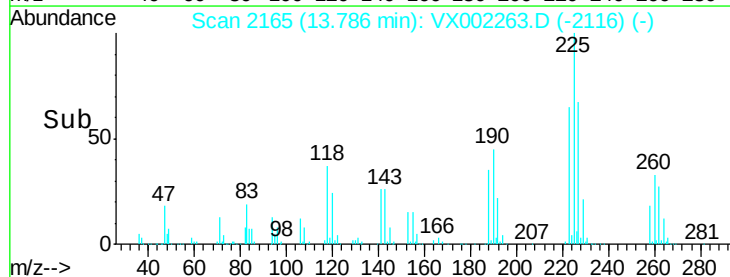
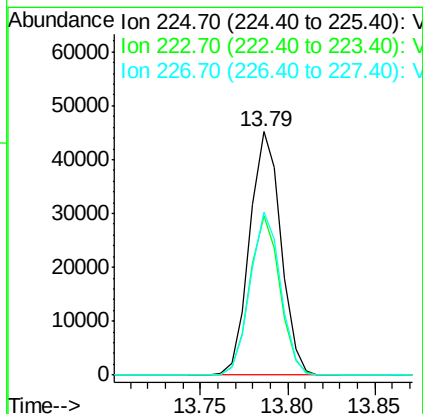
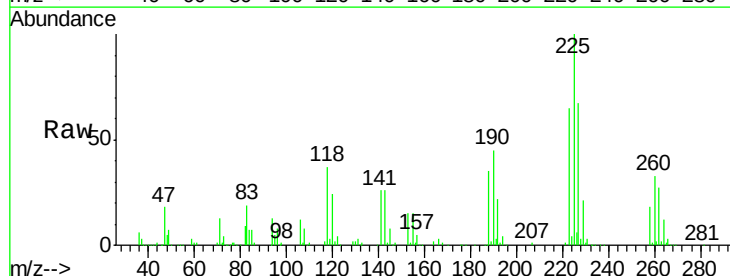
Instrument :
 MSVOA_X
 ClientSampleId :

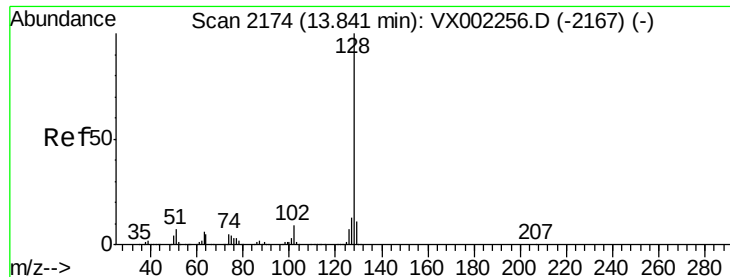
Tot Ion:180 Resp: 106225
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 28.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.56 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion:225 Resp: 56101
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 95.0
 227 64.9 32.4 97.2





#95

Naphthalene

Concen: 20.57 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

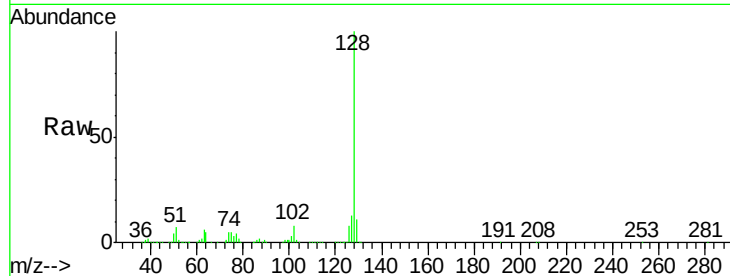
Tot Ion:128 Resp: 326262

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

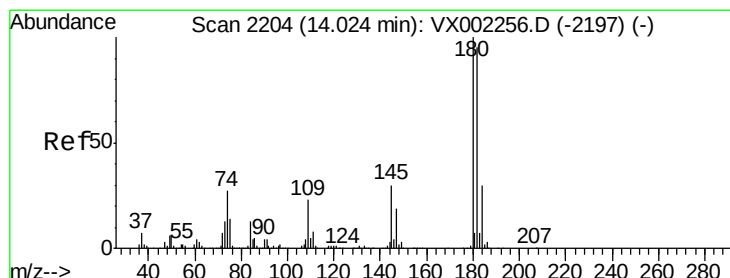
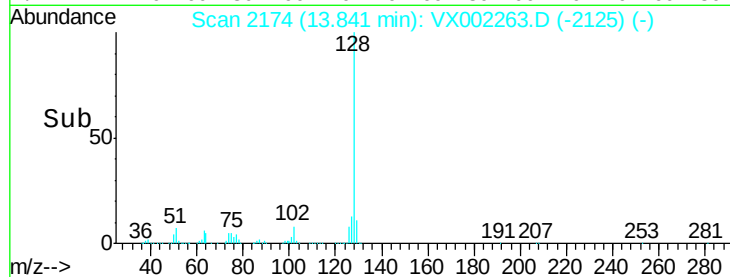
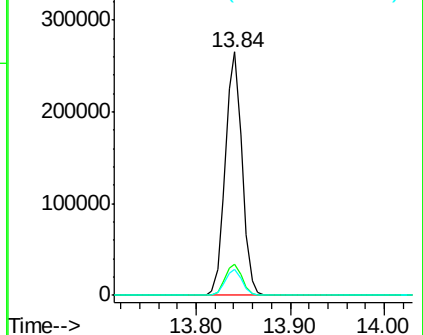
129 10.8 8.6 13.0



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: 19.93 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

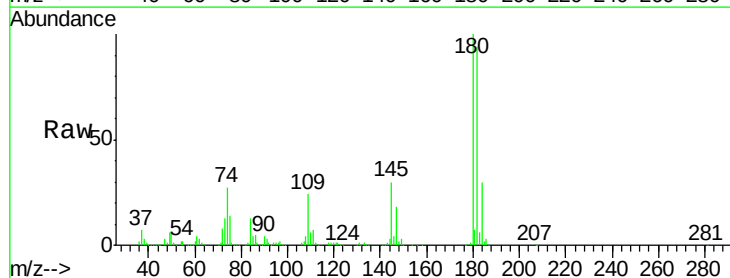
Tgt Ion:180 Resp: 112200

Ion Ratio Lower Upper

180 100

182 96.4 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

