

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003189.D
 Acq On : 05 Jul 2018 23:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 06 03:26:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222286	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	161260	43.80	ug/l	0.00
Spiked Amount			Recovery	=	87.60%	
35) Dibromofluoromethane	5.51	113	136938	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
50) Toluene-d8	8.72	98	480057	45.28	ug/l	0.00
Spiked Amount			Recovery	=	90.56%	
62) 4-Bromofluorobenzene	11.14	95	188244	46.04	ug/l	0.00
Spiked Amount			Recovery	=	92.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	128659	54.12	ug/l	98
3) Chloromethane	1.32	50	137037	55.63	ug/l	99
4) Vinyl Chloride	1.40	62	152520	50.63	ug/l	99
5) Bromomethane	1.64	94	62582	44.19	ug/l	99
6) Chloroethane	1.71	64	96560	54.84	ug/l	99
7) Trichlorofluoromethane	1.92	101	238824	47.00	ug/l	97
8) Diethyl Ether	2.19	74	90891	49.20	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138559	47.06	ug/l	96
10) Methyl Iodide	2.51	142	138642	46.87	ug/l	97
11) Tert butyl alcohol	3.08	59	179793	245.12	ug/l	98
12) 1,1-Dichloroethene	2.37	96	127137	48.39	ug/l	90
13) Acrolein	2.29	56	102577	252.22	ug/l	100
14) Allyl chloride	2.73	41	243942	47.11	ug/l	94
15) Acrylonitrile	3.15	53	402605	256.98	ug/l	99
16) Acetone	2.45	43	361582	237.13	ug/l	97
17) Carbon Disulfide	2.57	76	335203	47.89	ug/l	99
18) Methyl Acetate	2.78	43	201112	47.17	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	460744	48.78	ug/l	99
20) Methylene Chloride	2.85	84	145888	49.17	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	138509	48.41	ug/l	95
22) Diisopropyl ether	3.88	45	482865	48.78	ug/l	98
23) Vinyl Acetate	3.83	43	2086226	248.89	ug/l	98
24) 1,1-Dichloroethane	3.70	63	262560	48.80	ug/l	99
25) 2-Butanone	4.71	43	607800	268.59	ug/l	98
26) 2,2-Dichloropropane	4.59	77	142349	32.54	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	166026	51.75	ug/l	91
28) Bromochloromethane	5.03	49	121884	47.33	ug/l	92
29) Tetrahydrofuran	5.17	42	392266	270.31	ug/l	96
30) Chloroform	5.22	83	284684	51.56	ug/l	95
31) Cyclohexane	5.57	56	236705	51.26	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	250660	51.60	ug/l	99
36) 1,1-Dichloropropene	5.80	75	202015	50.25	ug/l	98
37) Ethyl Acetate	4.87	43	232410	53.69	ug/l	99
38) Carbon Tetrachloride	5.78	117	229128	51.94	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	238216	50.87	ug/l	96
40) Benzene	6.15	78	613719	52.54	ug/l	99
41) Methacrylonitrile	5.07	41	132660	53.22	ug/l	97
42) 1,2-Dichloroethane	6.20	62	229027	48.54	ug/l	98
43) Isopropyl Acetate	6.48	43	371753	51.21	ug/l	97
44) Trichloroethene	7.21	130	178914	51.38	ug/l	100
45) 1,2-Dichloropropane	7.52	63	160518	51.81	ug/l	100
46) Dibromomethane	7.67	93	109577	50.96	ug/l	94
47) Bromodichloromethane	7.90	83	209126	52.61	ug/l	99
48) Methyl methacrylate	7.78	41	195972	52.39	ug/l	94
49) 1,4-Dioxane	7.76	88	79484	1092.23	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1219333	268.47	ug/l	97
52) Toluene	8.79	92	393174	52.54	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	232490	51.64	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	216189	49.91	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	163243	53.09	ug/l	98
56) Ethyl methacrylate	9.19	69	247072	54.98	ug/l	93
57) 1,3-Dichloropropane	9.38	76	266201	52.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	500328	230.78	ug/l	97
59) 2-Hexanone	9.50	43	923474	267.53	ug/l	96
60) Dibromochloromethane	9.59	129	177770	54.92	ug/l	100
61) 1,2-Dibromoethane	9.68	107	172987	53.64	ug/l	99
64) Tetrachloroethene	9.34	164	209829	54.24	ug/l	99
65) Chlorobenzene	10.14	112	456570	51.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	172594	53.77	ug/l	100
67) Ethyl Benzene	10.26	91	764486	52.37	ug/l	100
68) m/p-Xylenes	10.36	106	600017	106.65	ug/l	97
69) o-Xylene	10.70	106	290622	53.05	ug/l	98
70) Styrene	10.71	104	491527	55.22	ug/l	98
71) Bromoform	10.86	173	144611	49.87	ug/l	99
73) Isopropylbenzene	11.02	105	793990	53.10	ug/l	99
74) N-amyl acetate	6.48	43	371753	50.81	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	239399	51.97	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	273121	67.83	ug/l	80
77) Bromobenzene	11.26	156	221716	52.06	ug/l	96
78) n-propylbenzene	11.36	91	881987	51.82	ug/l	98
79) 2-Chlorotoluene	11.43	91	528348	51.27	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	665605	52.85	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	60798	44.23	ug/l	96
82) 4-Chlorotoluene	11.51	91	619743	50.80	ug/l	98
83) tert-Butylbenzene	11.77	119	651716	52.50	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	682830	52.33	ug/l	98
85) sec-Butylbenzene	11.95	105	787455	52.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	722776	53.39	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	403510	51.88	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	408521	51.04	ug/l	99
89) n-Butylbenzene	12.39	91	587506	49.86	ug/l	98
90) Hexachloroethane	12.60	117	109856	54.56	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	411205	52.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55988	54.07	ug/l	92

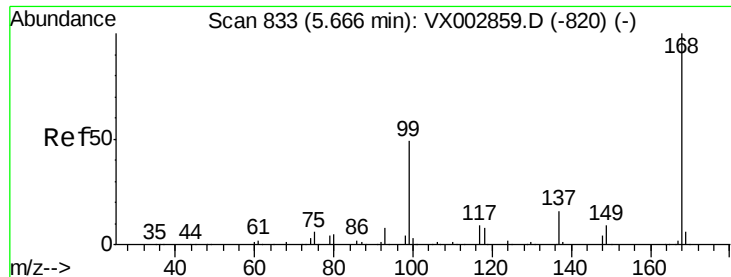
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	299181	52.37	ug/l	99
94) Hexachlorobutadiene	13.79	225	145293	50.99	ug/l	99
95) Naphthalene	13.84	128	869168	57.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	320379	56.14	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

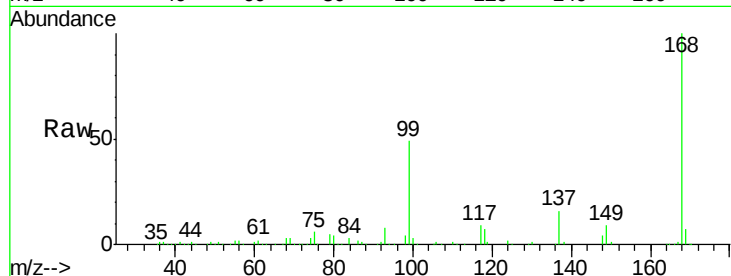
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 266384

Ion Ratio Lower Upper

168 100

99 48.6 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

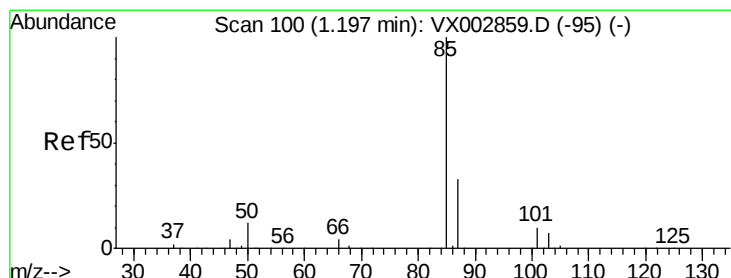
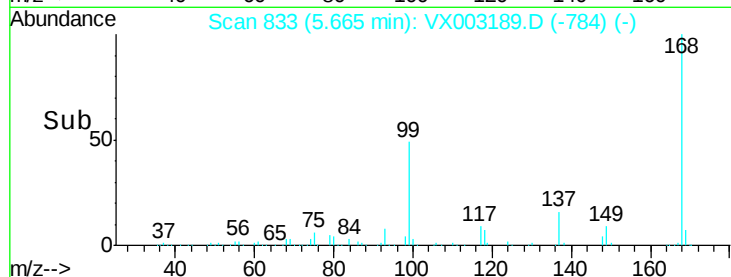
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 54.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003189.D

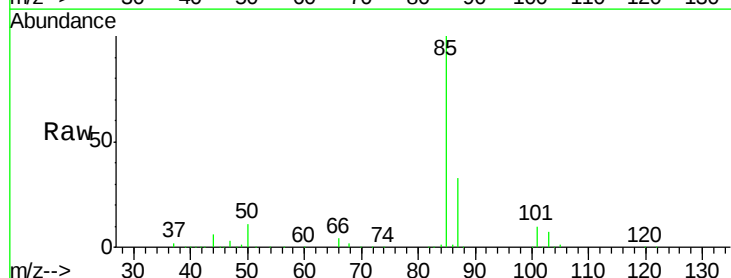
Acq: 05 Jul 2018 23:14

Tgt Ion: 85 Resp: 128659

Ion Ratio Lower Upper

85 100

87 33.2 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

150000

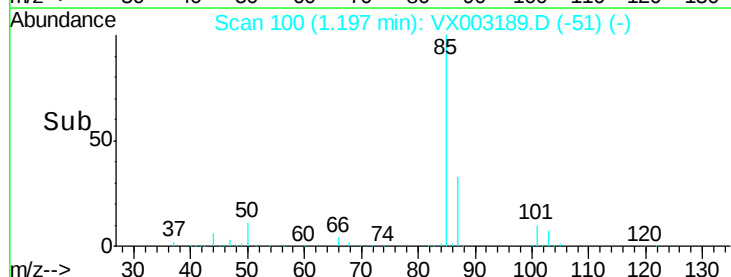
100000

50000

0

Time-->

1.10 1.20 1.30

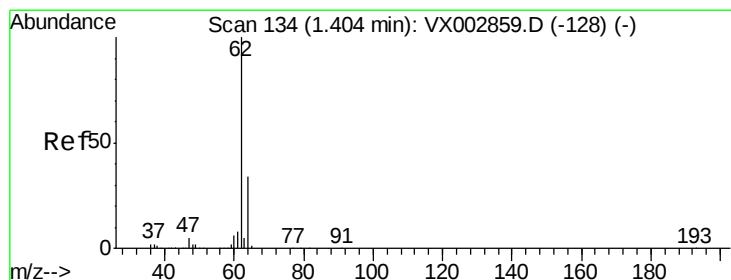
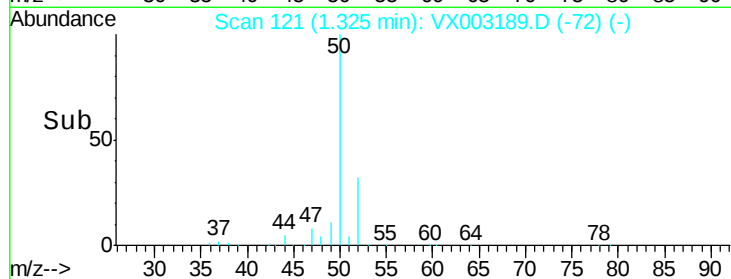
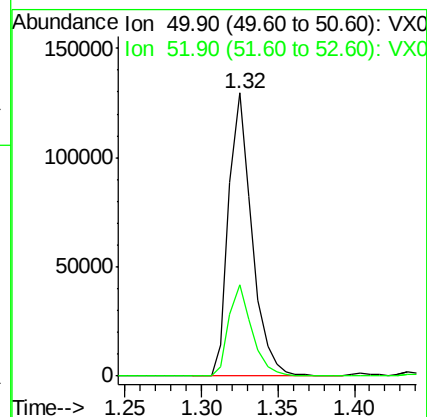
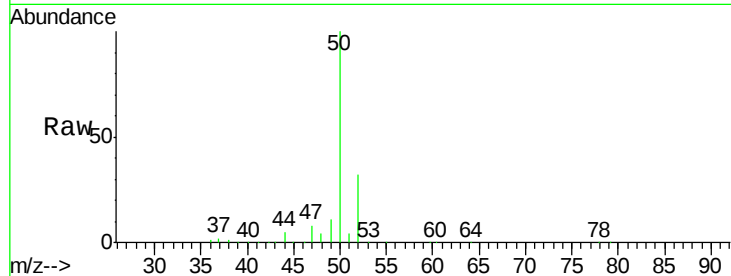




#3
Chloromethane
Concen: 55.63 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

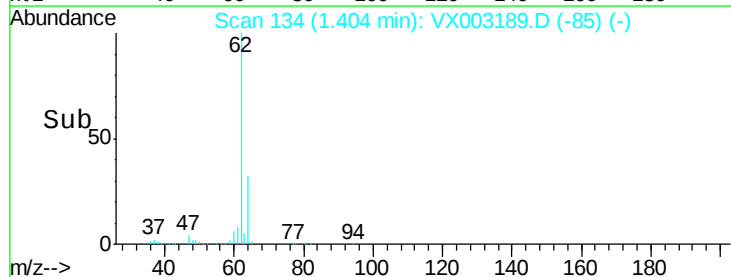
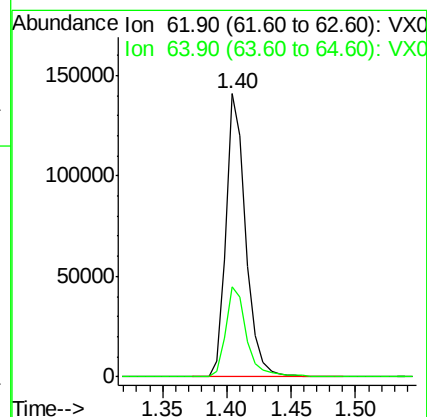
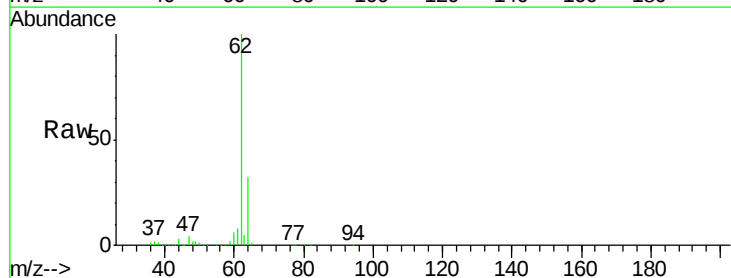
Instrument :
MSVOA_X
ClientSampleId :

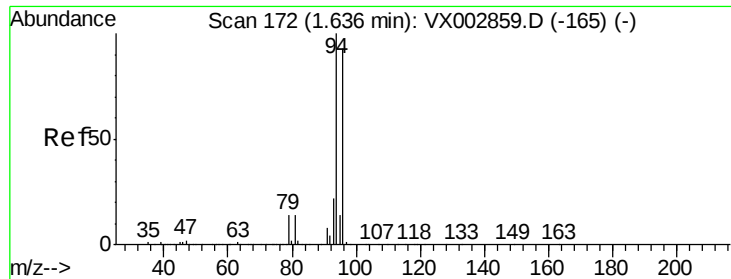
Tot Ion: 50 Resp: 137037
Ion Ratio Lower Upper
50 100
52 32.4 25.7 38.5



#4
Vinyl Chloride
Concen: 50.63 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion: 62 Resp: 152520
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.2





#5

Bromomethane

Concen: 44.19 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

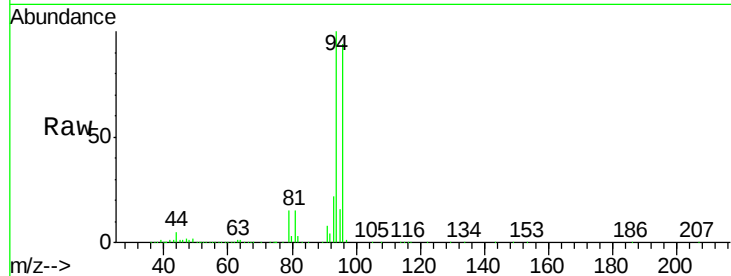
ClientSampled :

Tot Ion: 94 Resp: 62582

Ion Ratio Lower Upper

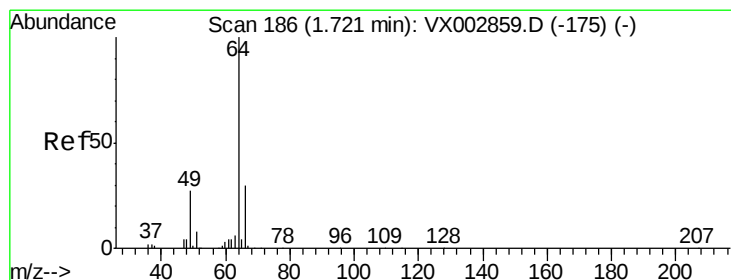
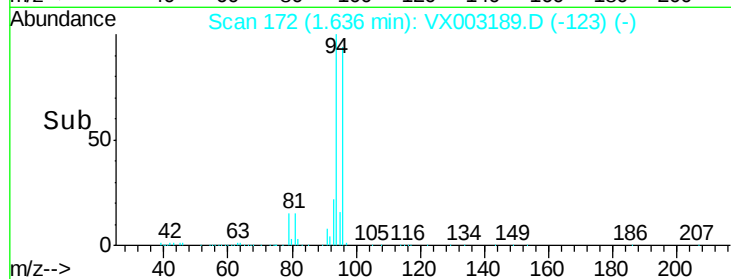
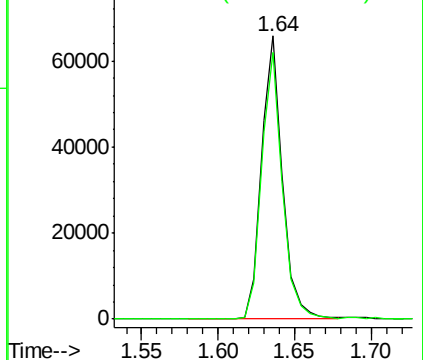
94 100

96 94.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.84 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003189.D

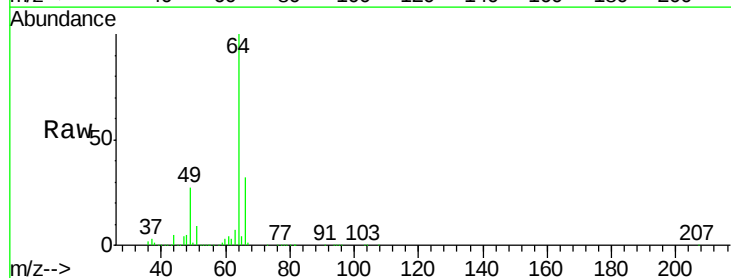
Acq: 05 Jul 2018 23:14

Tgt Ion: 64 Resp: 96560

Ion Ratio Lower Upper

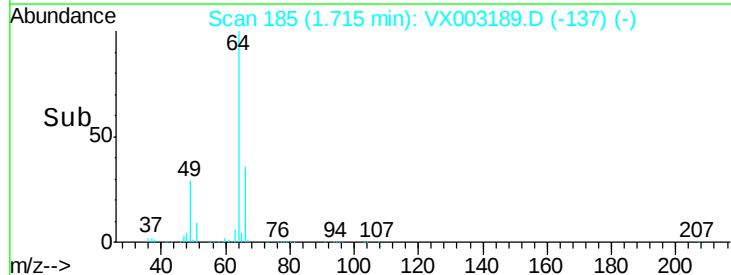
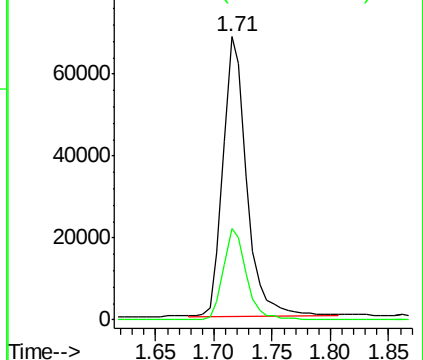
64 100

66 32.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



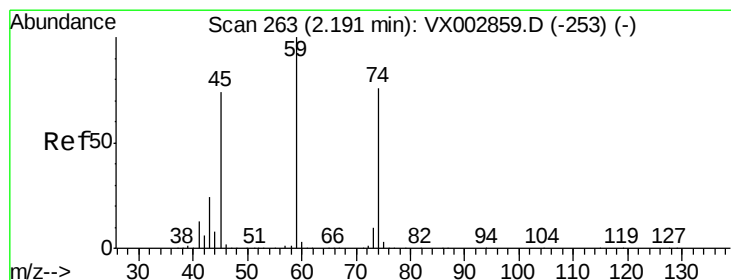
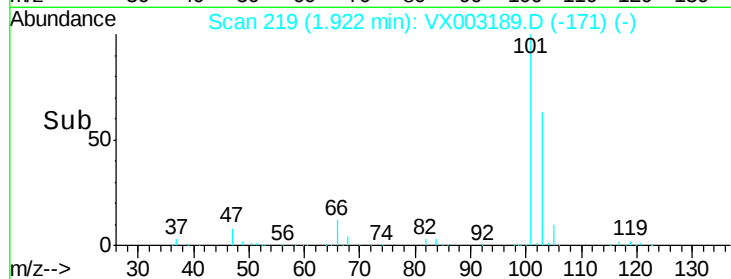
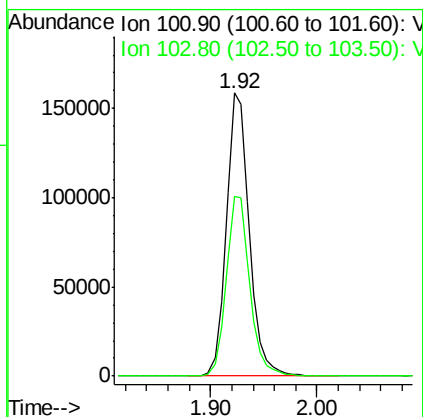
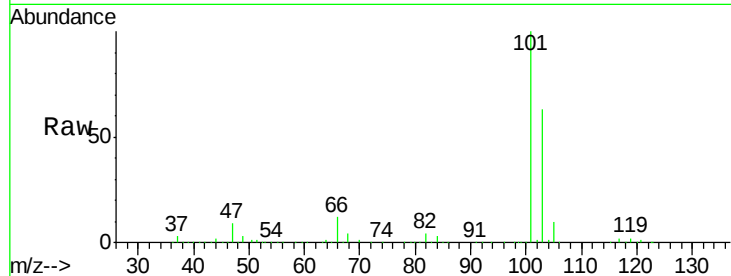


#7

Trichlorofluoromethane
 Concen: 47.00 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :

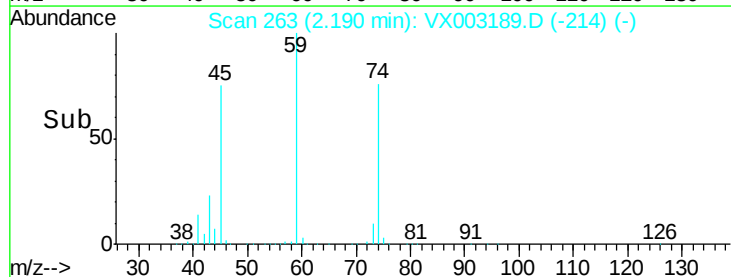
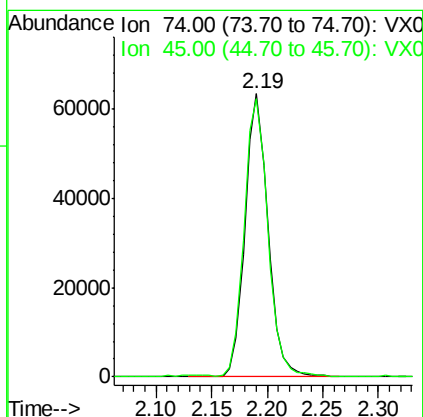
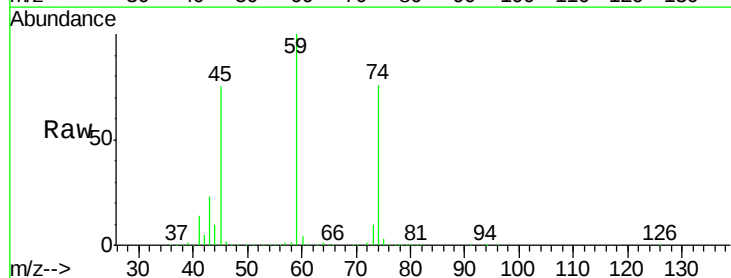
Tot Ion:101 Resp: 238824
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.8 79.2



#8

Diethyl Ether
 Concen: 49.20 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion: 74 Resp: 90891
 Ion Ratio Lower Upper
 74 100
 45 100.8 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.06 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

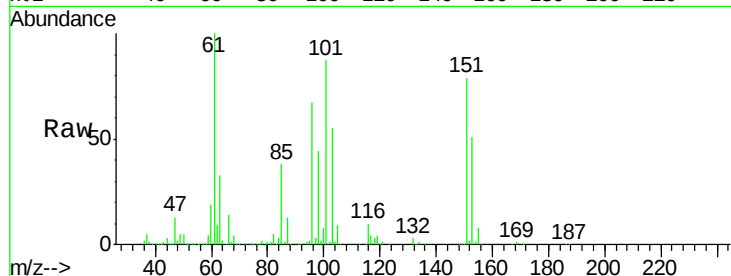
Tot Ion:101 Resp: 138559

Ion Ratio Lower Upper

101 100

85 43.8 36.0 54.0

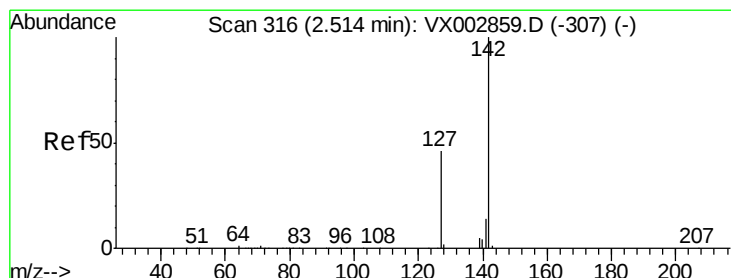
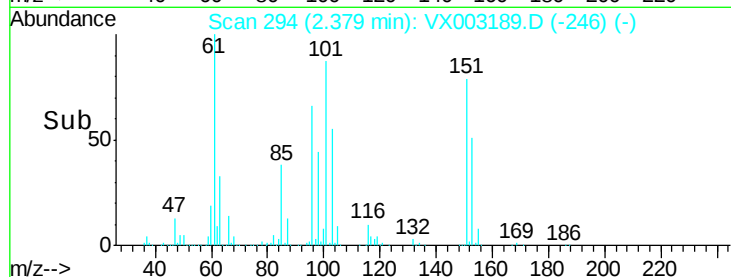
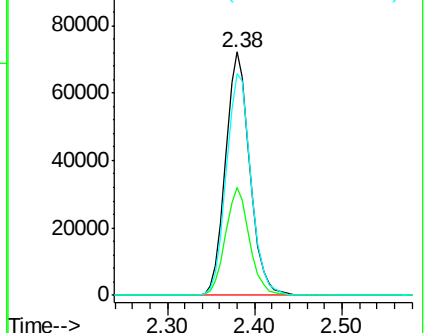
151 93.0 70.9 106.3



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: 46.87 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

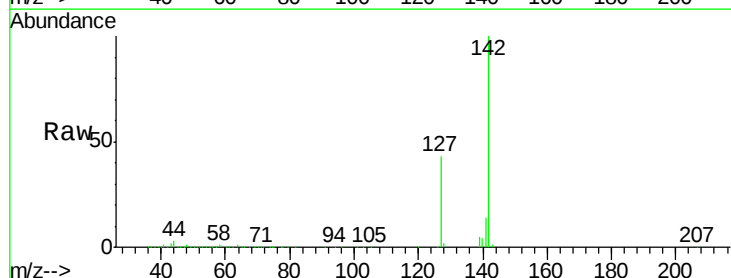
Tgt Ion:142 Resp: 138642

Ion Ratio Lower Upper

142 100

127 43.4 36.6 55.0

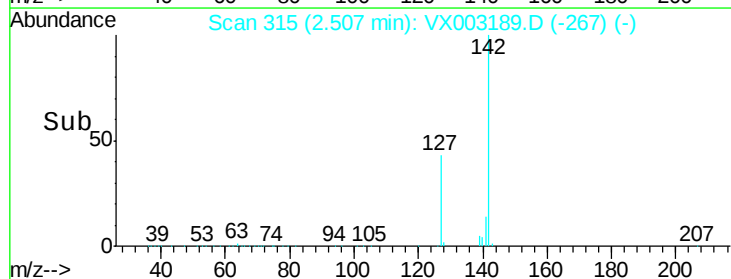
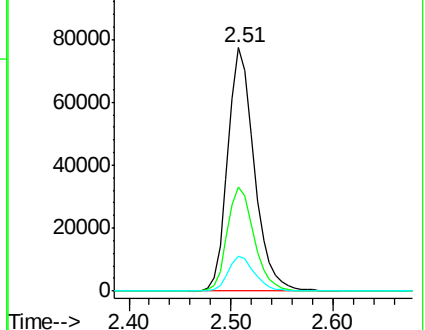
141 14.4 11.3 16.9

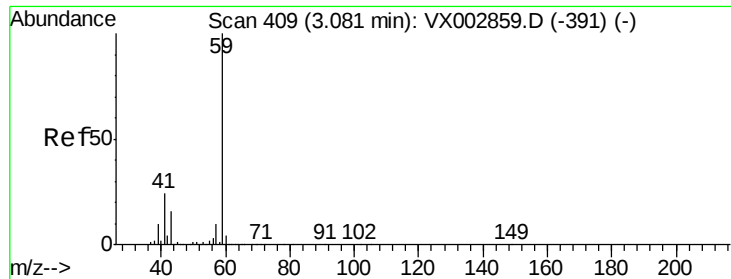


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



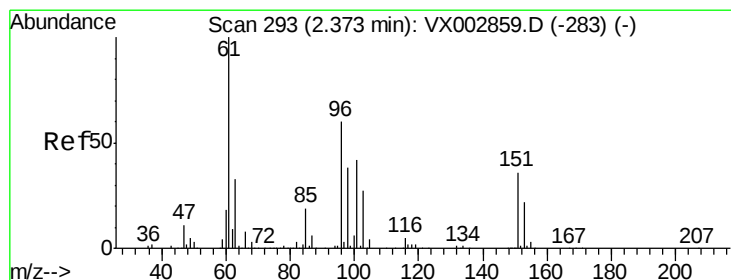
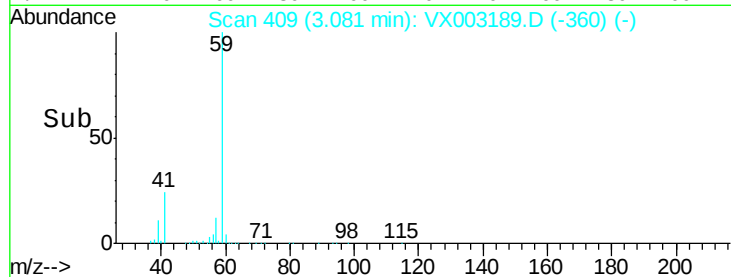
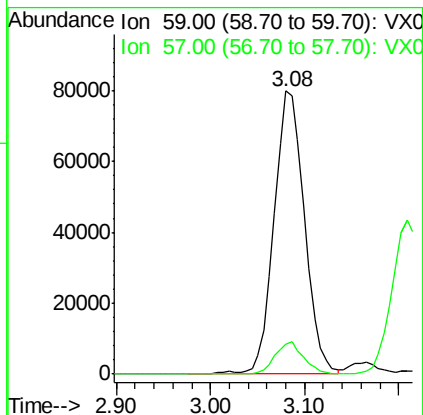
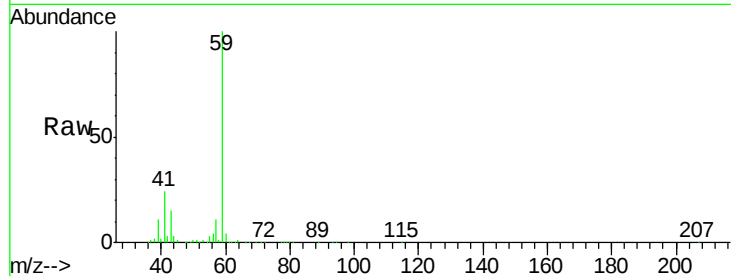


#11

Tert butyl alcohol
Concen: 245.12 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampled :

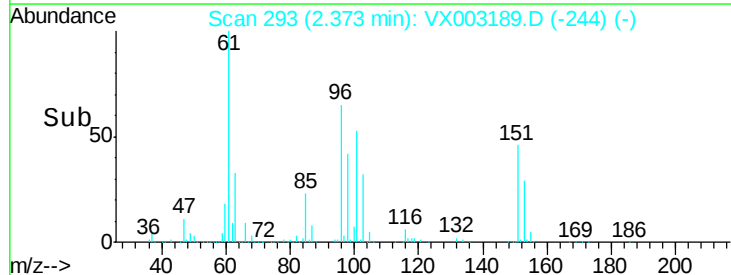
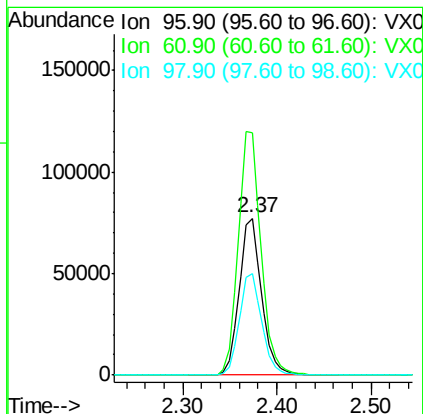
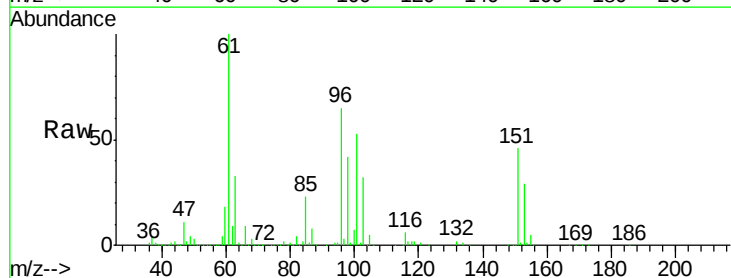
Tot Ion: 59 Resp: 179793
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2



#12

1,1-Dichloroethene
Concen: 48.39 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion: 96 Resp: 127137
Ion Ratio Lower Upper
96 100
61 154.5 137.9 206.9
98 65.1 51.6 77.4





#13

Acrolein

Concen: 252.22 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

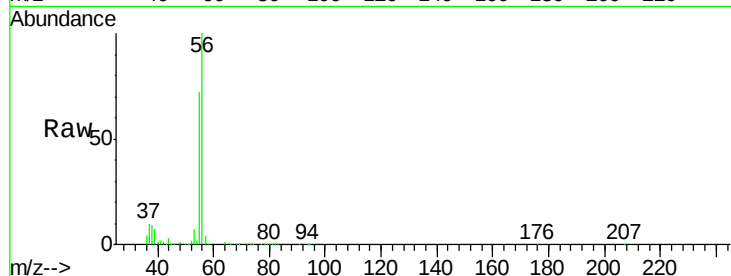
ClientSampleId :

Tot Ion: 56 Resp: 102577

Ion Ratio Lower Upper

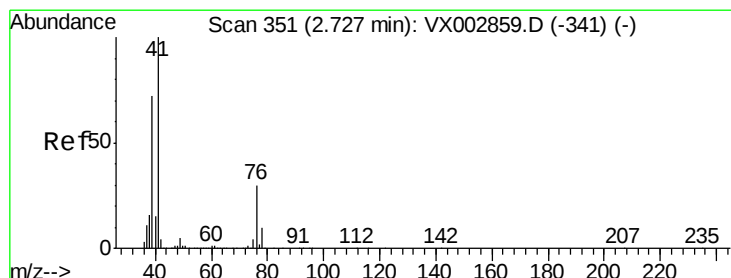
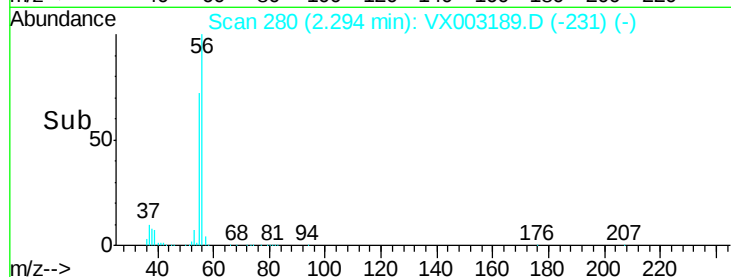
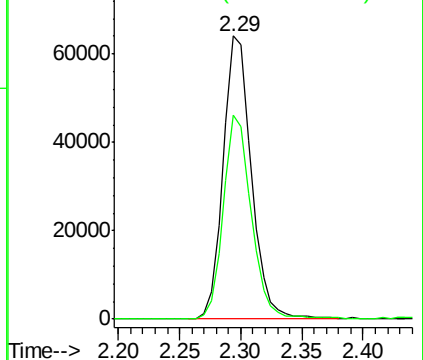
56 100

55 70.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.11 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

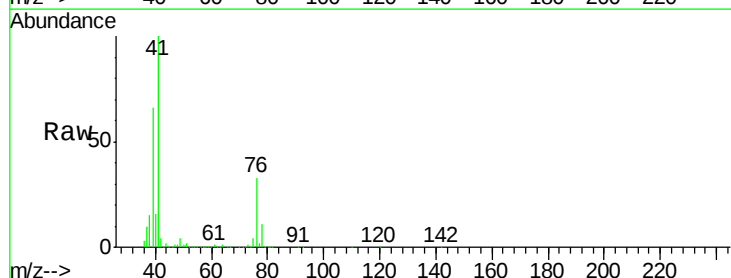
Tgt Ion: 41 Resp: 243942

Ion Ratio Lower Upper

41 100

39 64.0 56.8 85.2

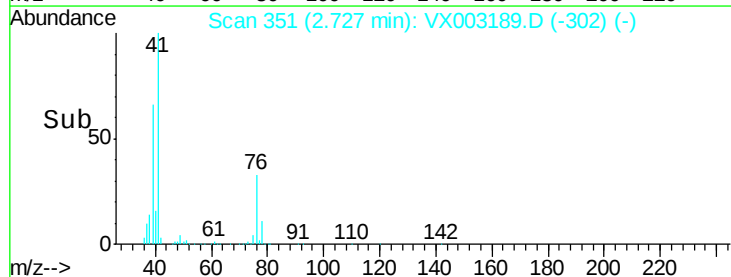
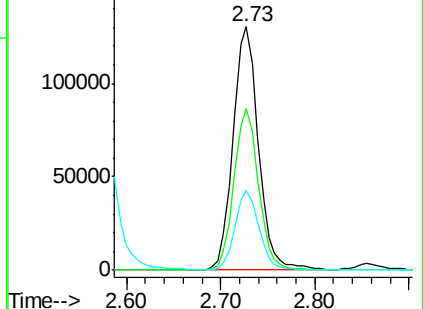
76 30.7 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 256.98 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampled :

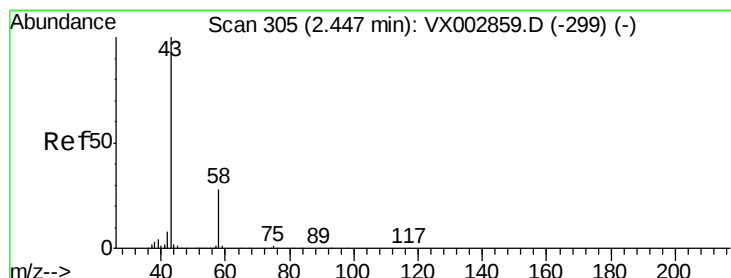
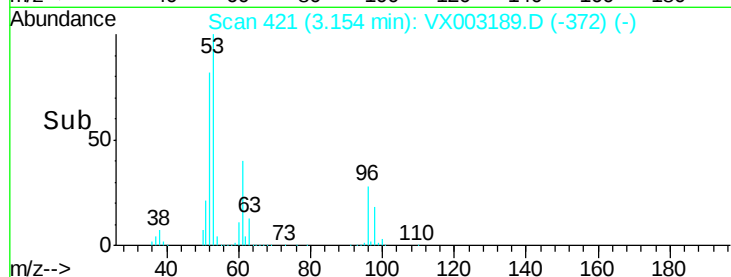
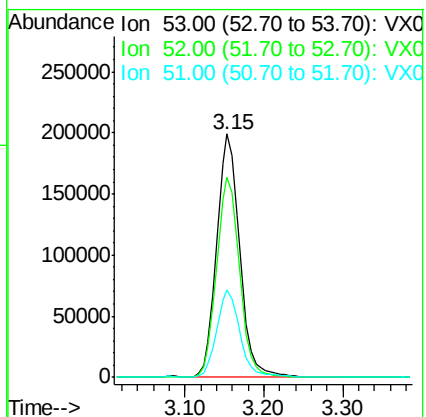
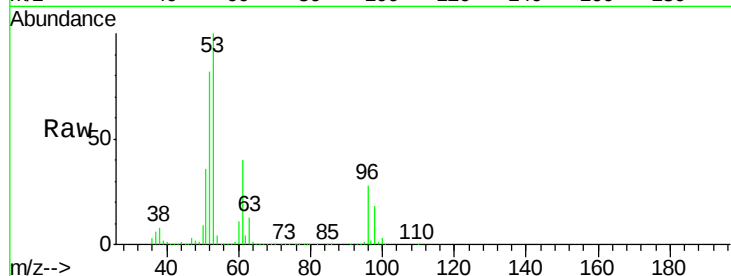
Tot Ion: 53 Resp: 402605

Ion Ratio Lower Upper

53 100

52 82.2 66.7 100.1

51 36.5 29.9 44.9



#16

Acetone

Concen: 237.13 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003189.D

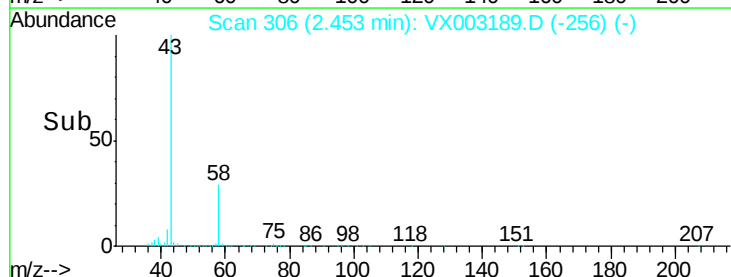
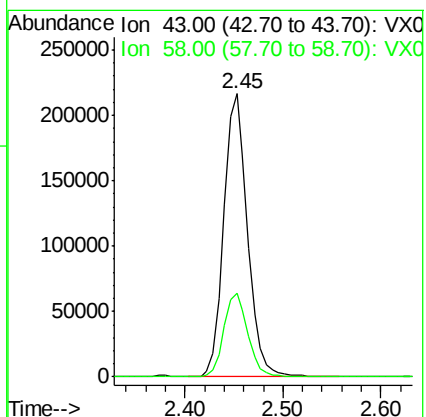
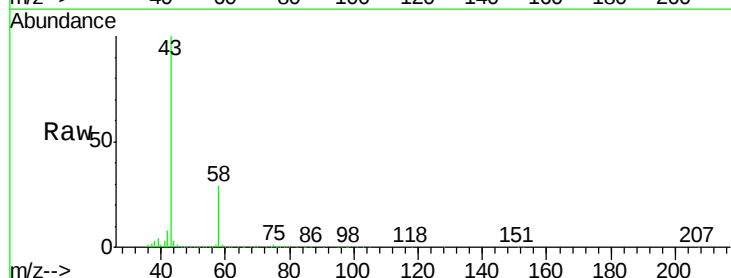
Acq: 05 Jul 2018 23:14

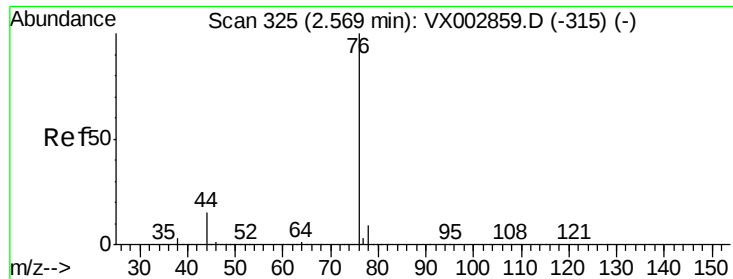
Tgt Ion: 43 Resp: 361582

Ion Ratio Lower Upper

43 100

58 29.4 22.1 33.1

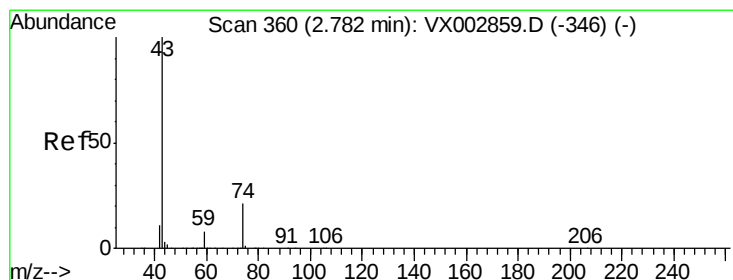
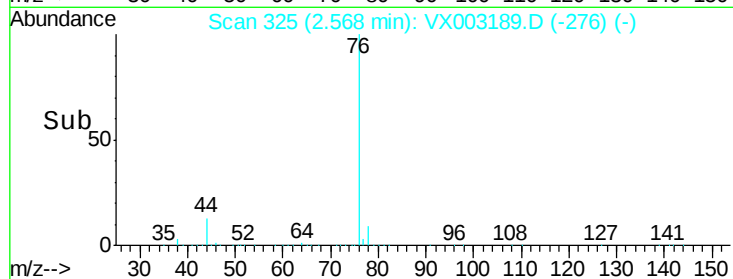
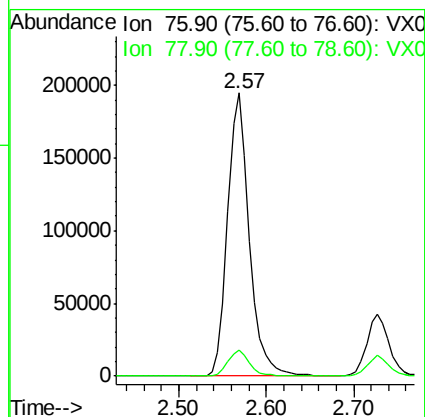
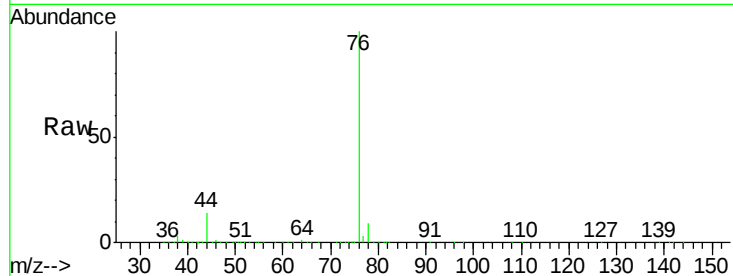




#17
Carbon Disulfide
Concen: 47.89 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

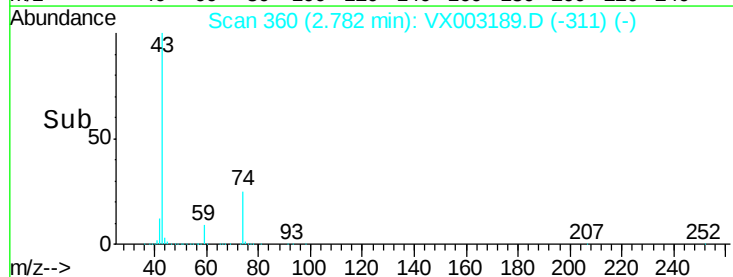
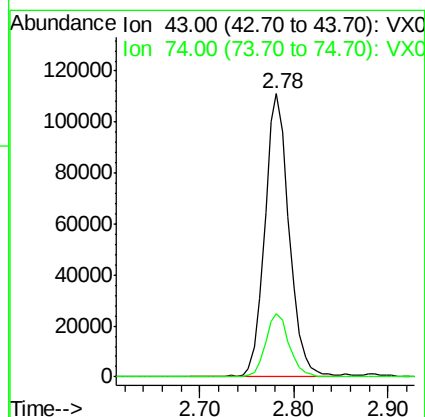
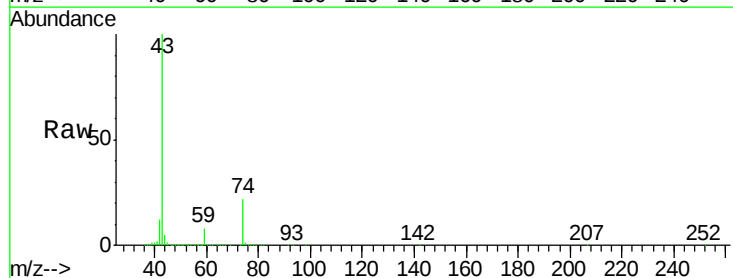
Instrument :
MSVOA_X
ClientSampleId :

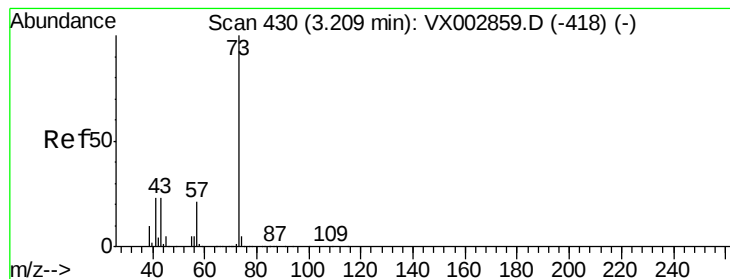
Tot Ion: 76 Resp: 335203
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 47.17 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion: 43 Resp: 201112
Ion Ratio Lower Upper
43 100
74 22.1 16.7 25.1



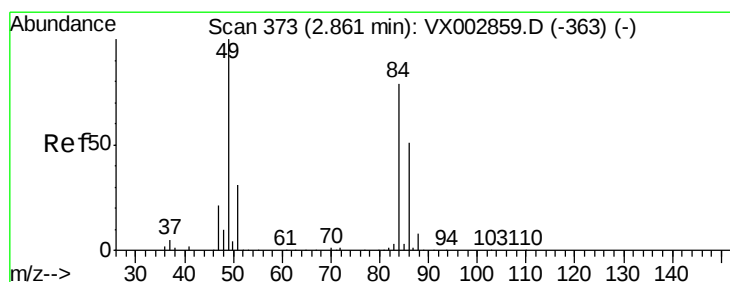
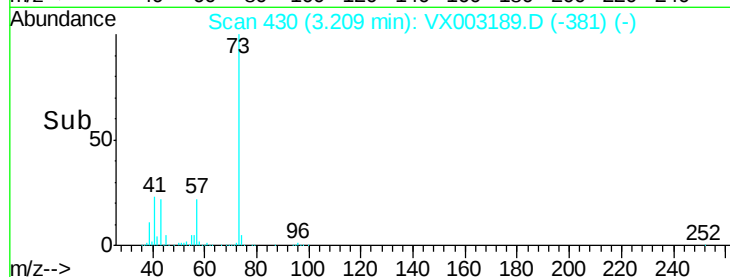
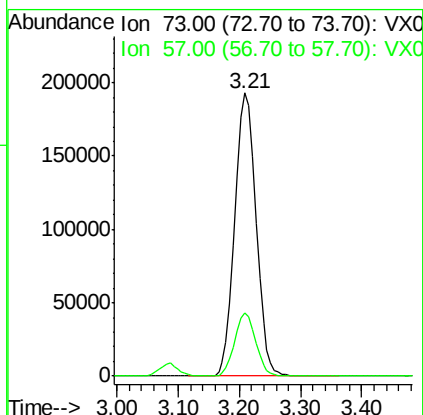
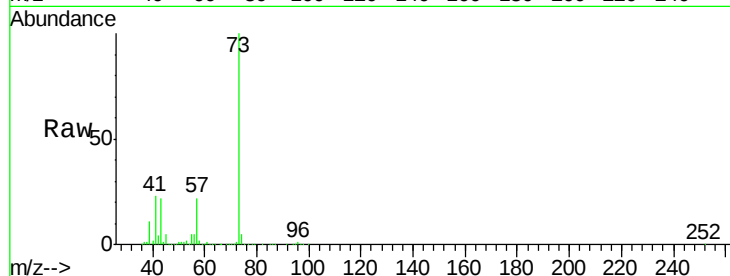


#19

Methyl tert-butyl Ether
 Concen: 48.78 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :

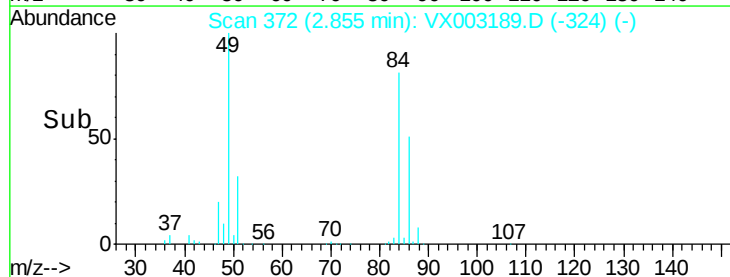
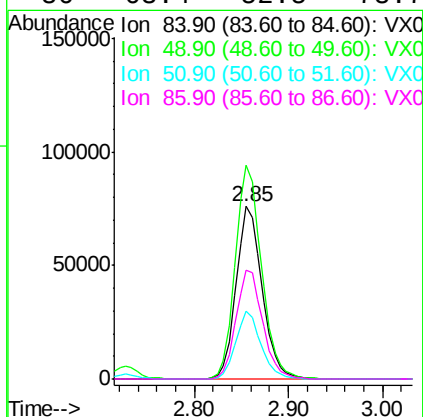
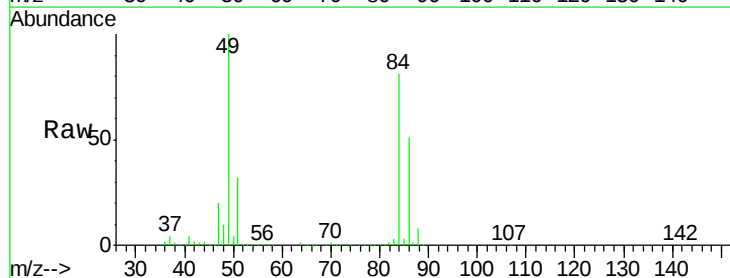
Tot Ion: 73 Resp: 460744
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.7 26.5

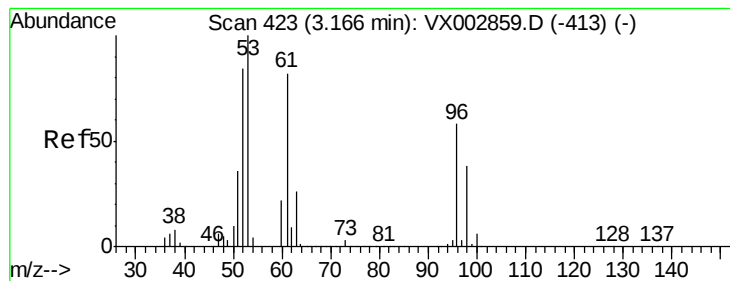


#20

Methylene Chloride
 Concen: 49.17 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion: 84 Resp: 145888
 Ion Ratio Lower Upper
 84 100
 49 123.7 107.8 161.6
 51 39.0 32.8 49.2
 86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.41 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

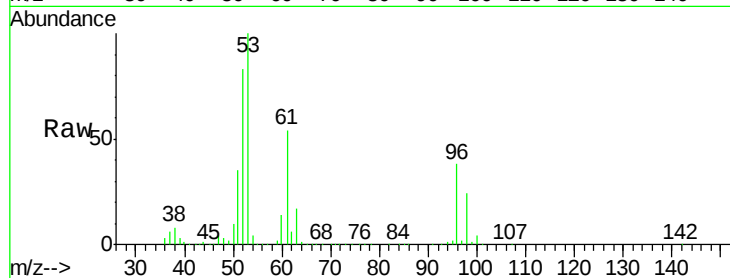
Tot Ion: 96 Resp: 138509

Ion Ratio Lower Upper

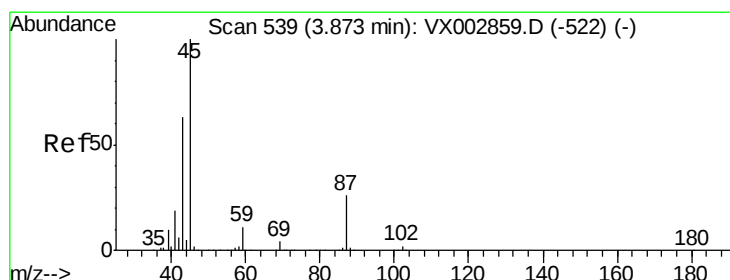
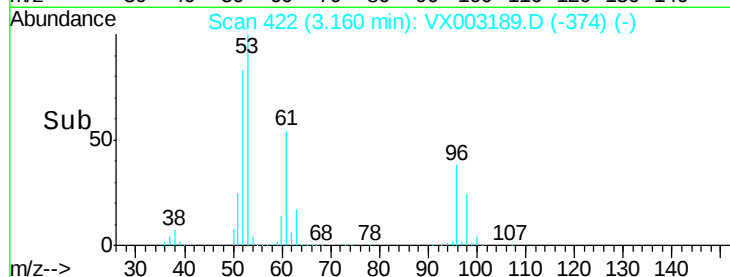
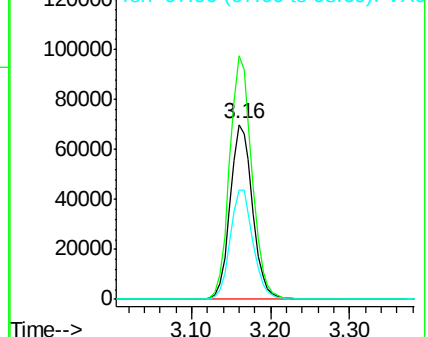
96 100

61 139.4 117.0 175.4

98 62.8 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: 48.78 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Tgt Ion: 45 Resp: 482865

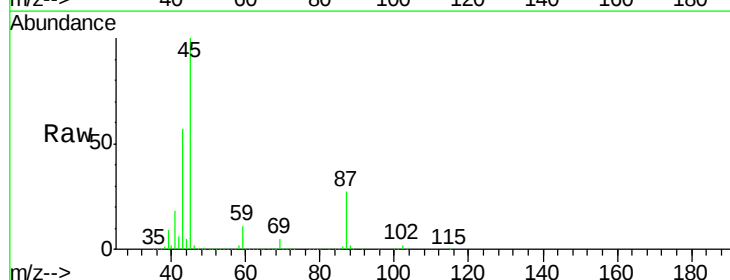
Ion Ratio Lower Upper

45 100

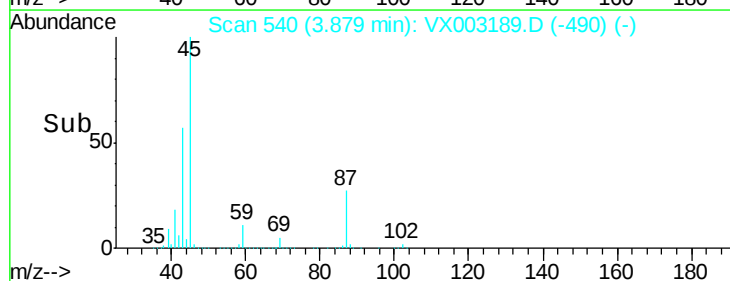
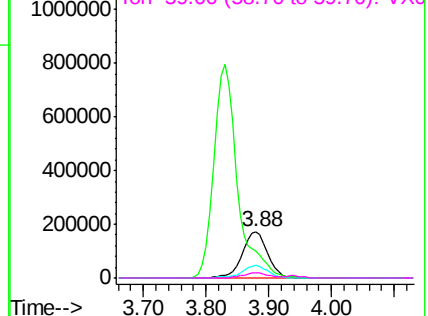
43 56.8 46.8 70.2

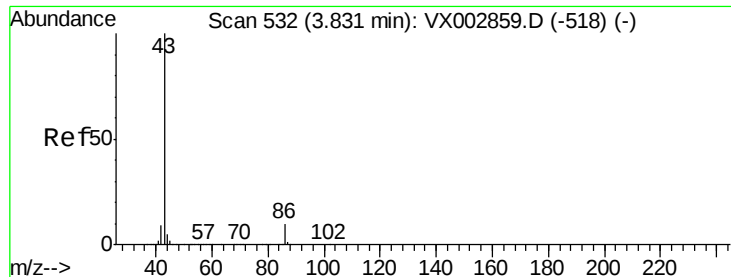
87 27.0 20.2 30.4

59 11.2 8.7 13.1



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





#23

Vinyl Acetate

Concen: 248.89 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

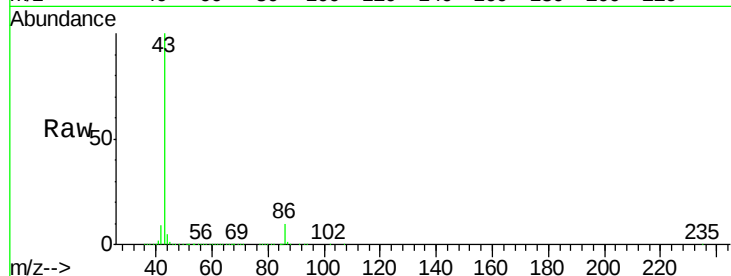
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2086226

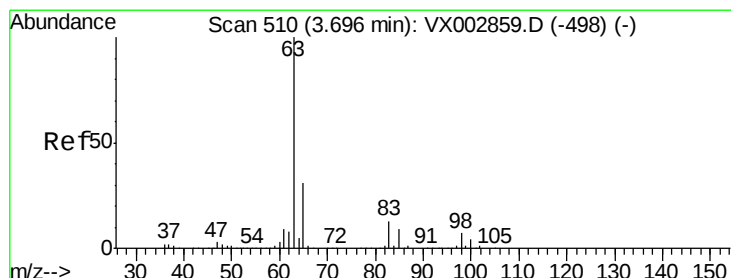
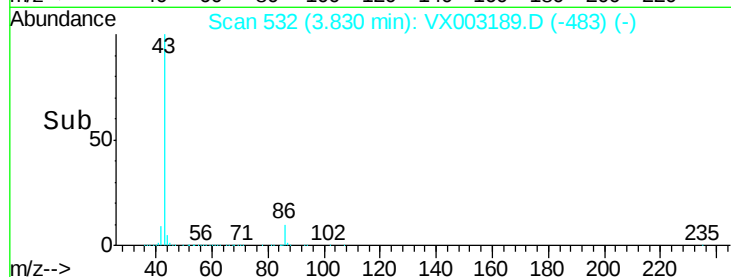
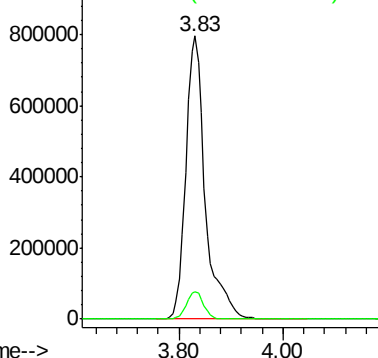
Ion Ratio Lower Upper

43 100

86 9.9 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.80 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

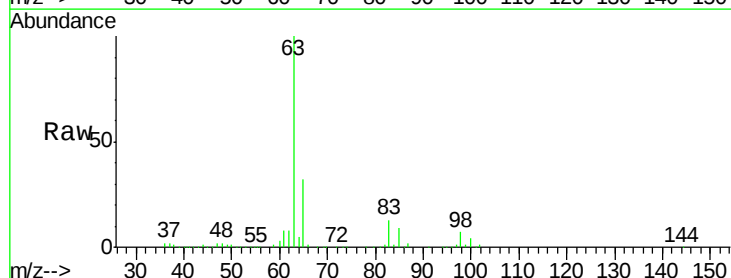
Tgt Ion: 63 Resp: 262560

Ion Ratio Lower Upper

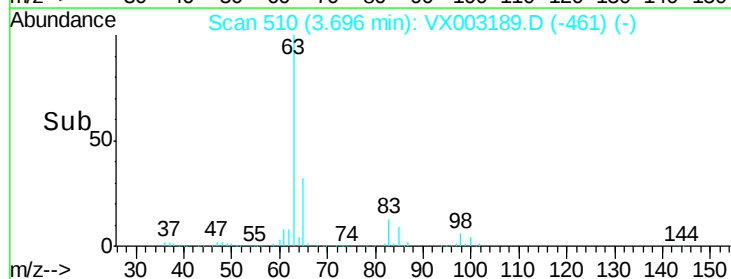
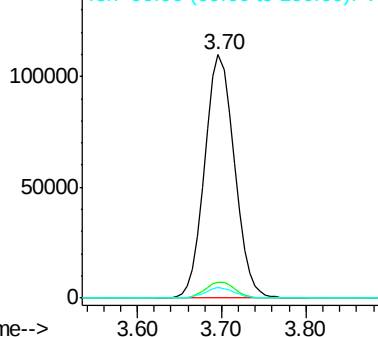
63 100

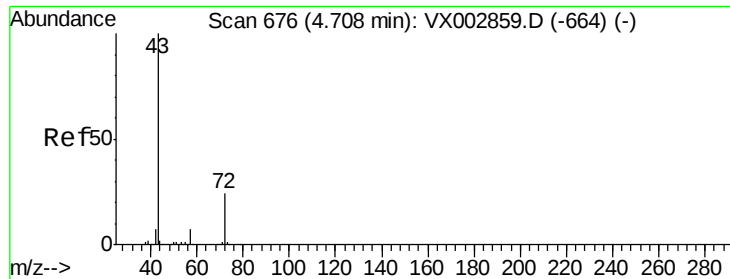
98 6.5 3.4 10.2

100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 268.59 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

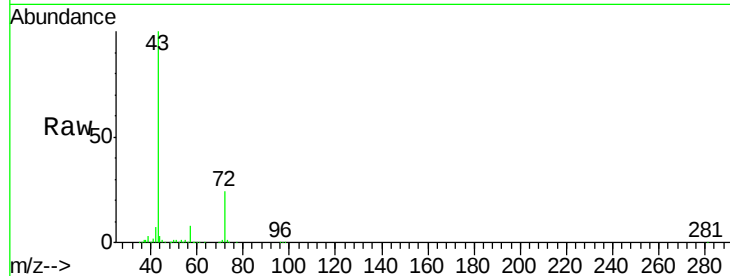
ClientSampleId :

Tot Ion: 43 Resp: 607800

Ion Ratio Lower Upper

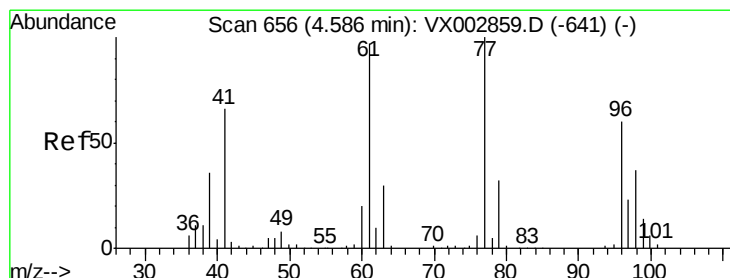
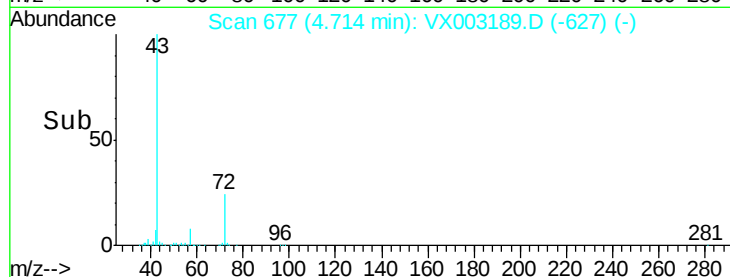
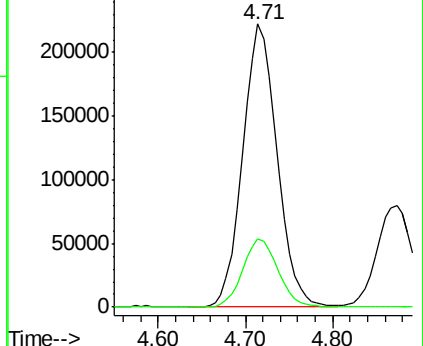
43 100

72 23.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 32.54 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003189.D

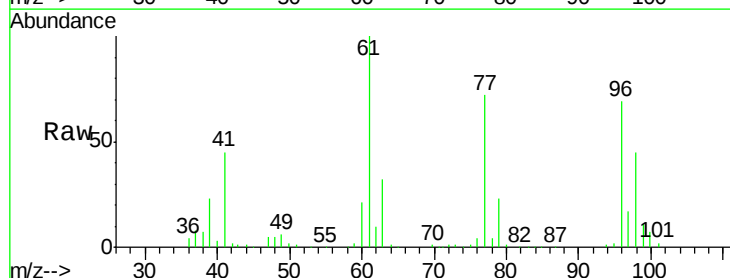
Acq: 05 Jul 2018 23:14

Tgt Ion: 77 Resp: 142349

Ion Ratio Lower Upper

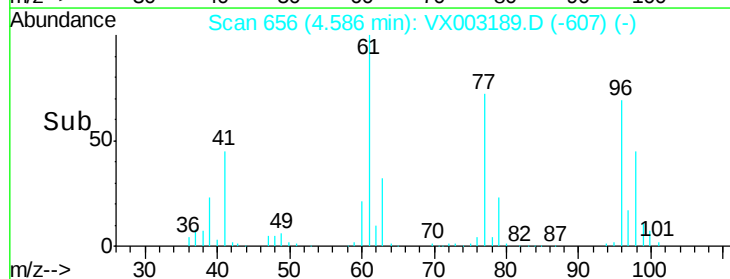
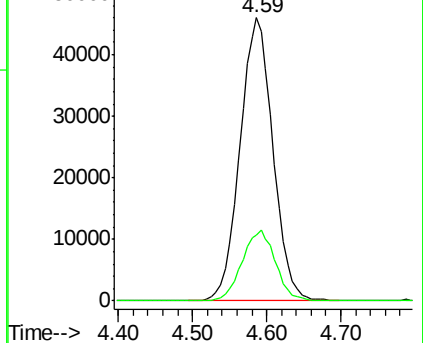
77 100

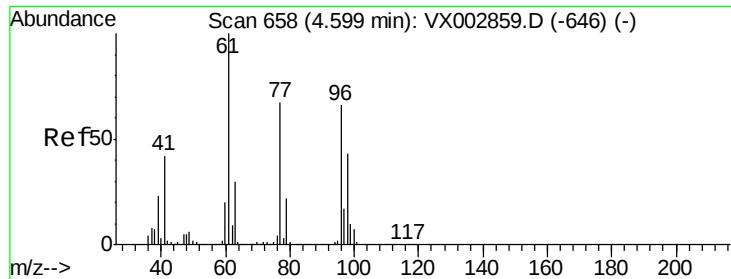
97 25.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



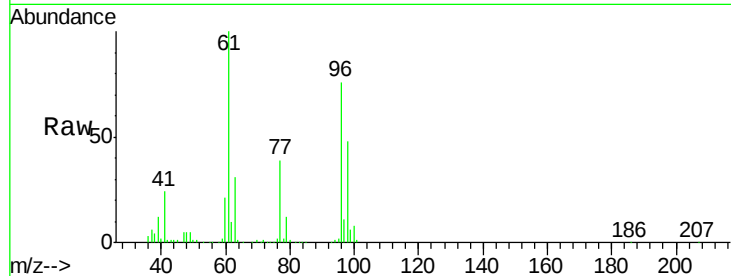


#27

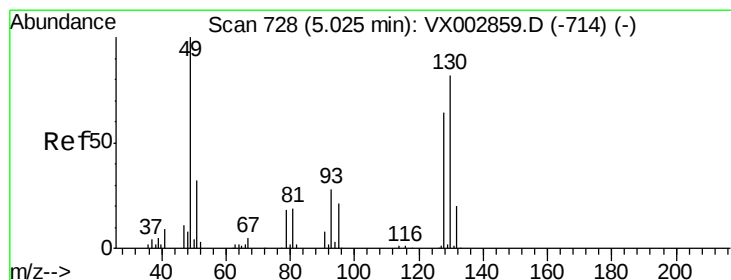
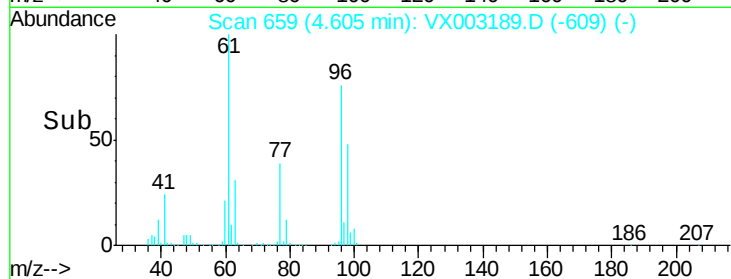
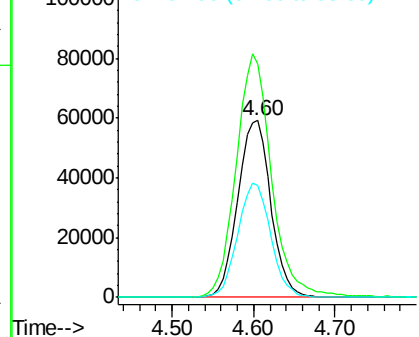
cis-1,2-Dichloroethene
Concen: 51.75 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	166026
Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	330.2
98	64.5	0.0	130.2



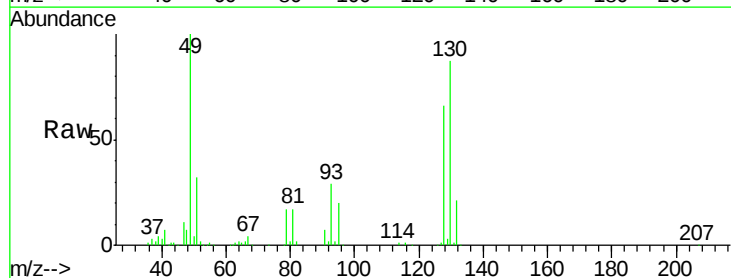
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



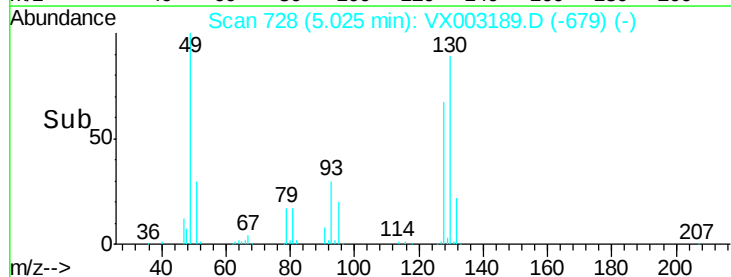
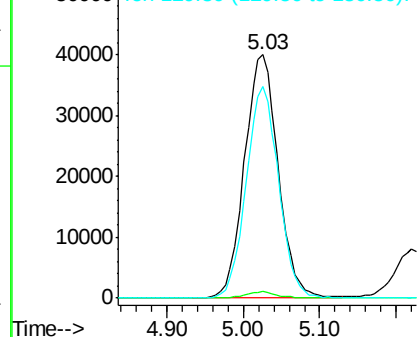
#28

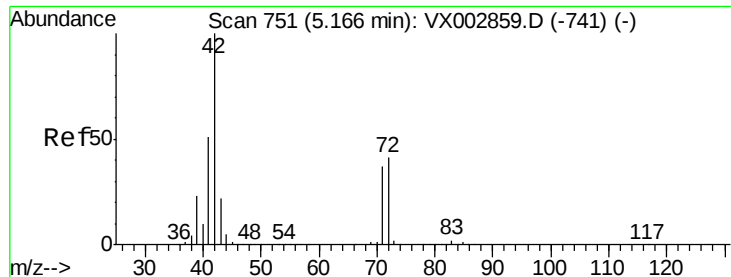
Bromochloromethane
Concen: 47.33 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion	49	Resp	121884
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	83.9	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

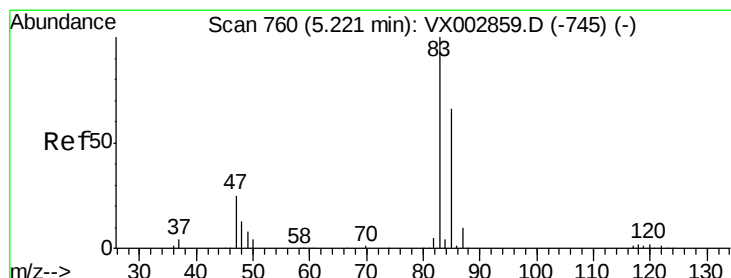
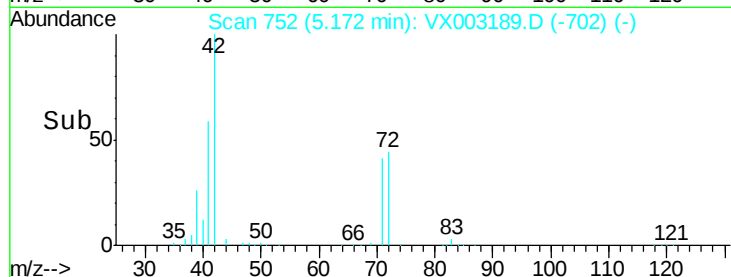
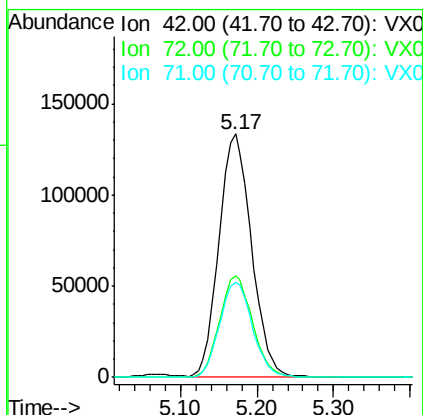
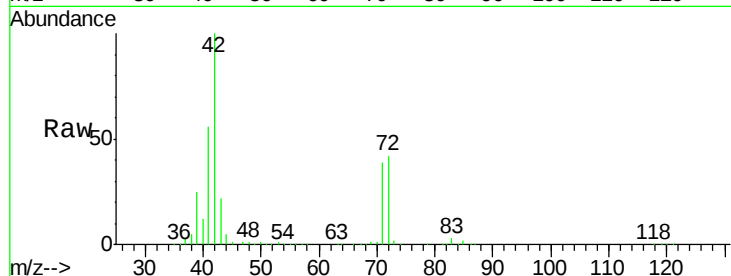




#29
Tetrahydrofuran
Concen: 270.31 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

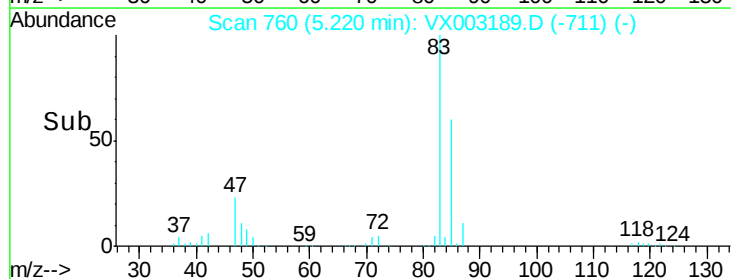
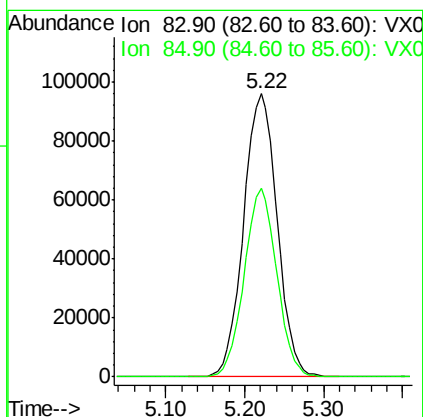
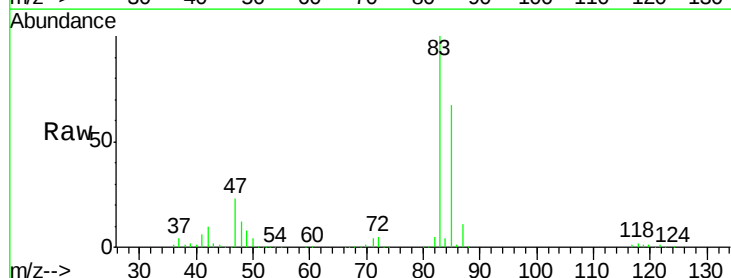
Instrument :
MSVOA_X
ClientSampleId :

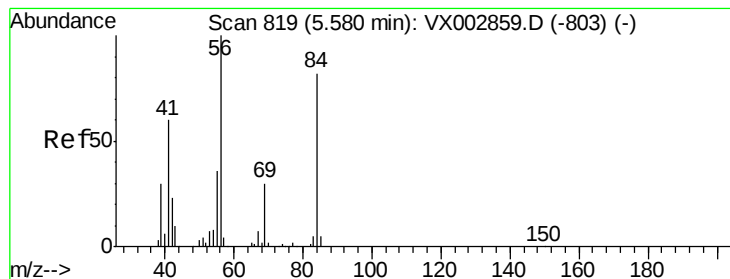
Tot Ion: 42 Resp: 392266
Ion Ratio Lower Upper
42 100
72 42.3 32.0 48.0
71 39.6 30.1 45.1



#30
Chloroform
Concen: 51.56 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion: 83 Resp: 284684
Ion Ratio Lower Upper
83 100
85 66.6 50.4 75.6





#31

Cyclohexane

Concen: 51.26 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampled :

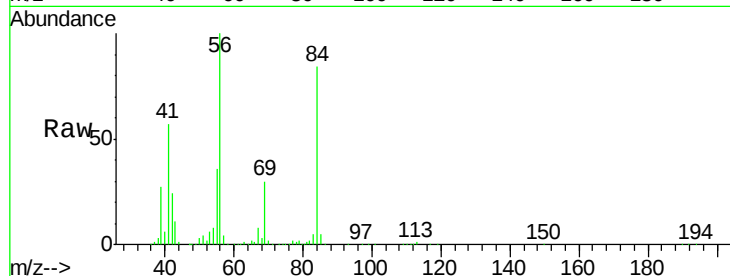
Tot Ion: 56 Resp: 236705

Ion Ratio Lower Upper

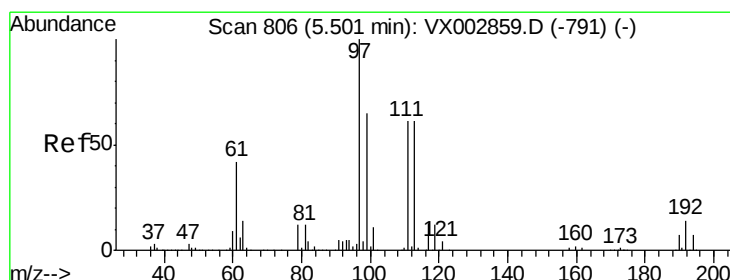
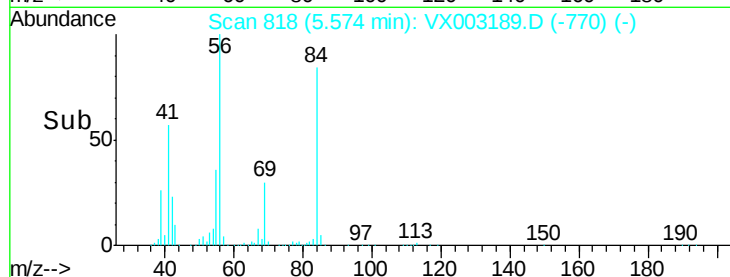
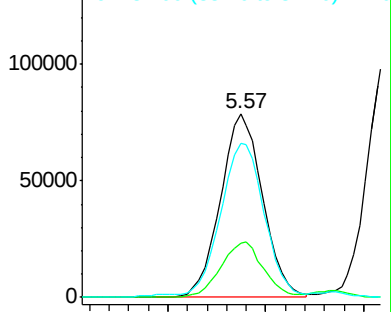
56 100

69 29.5 23.7 35.5

84 82.5 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 51.60 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

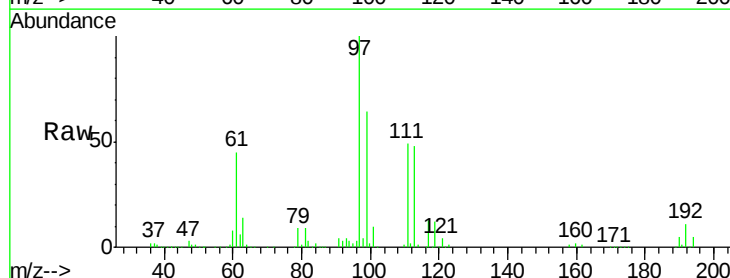
Tgt Ion: 97 Resp: 250660

Ion Ratio Lower Upper

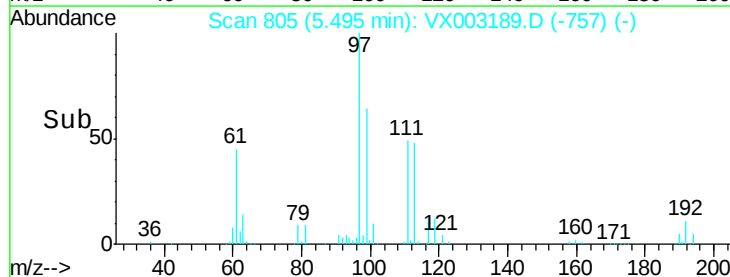
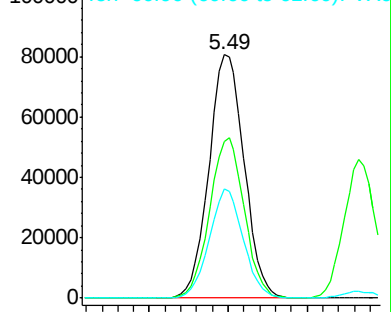
97 100

99 64.7 51.6 77.4

61 43.4 36.4 54.6



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

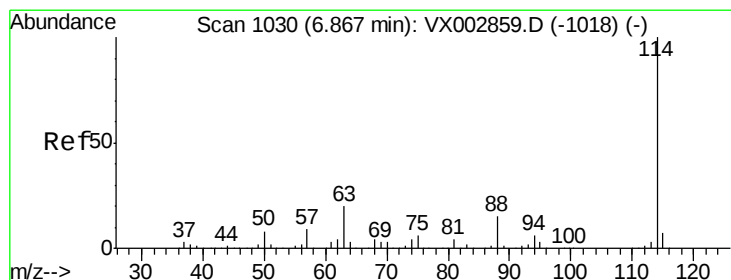
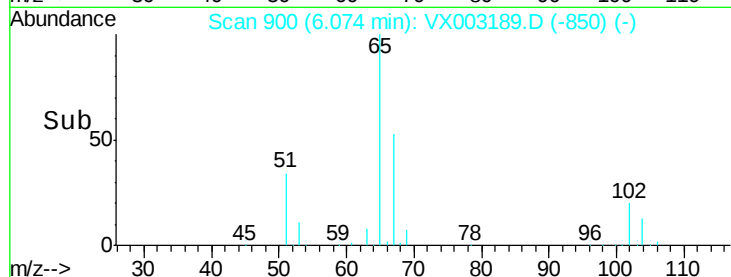
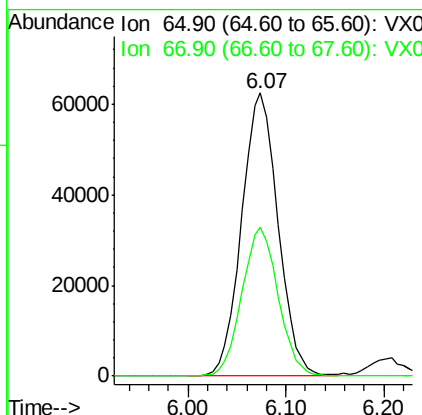
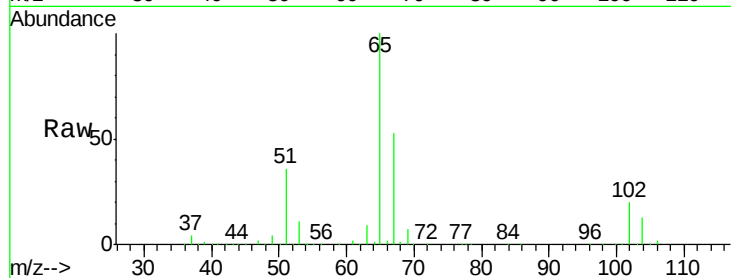




#33
 1,2-Dichloroethane-d4
 Concen: 43.80 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

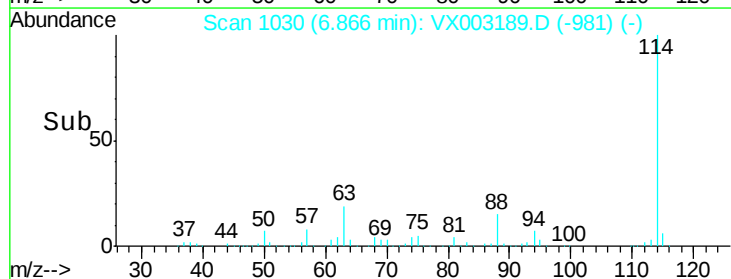
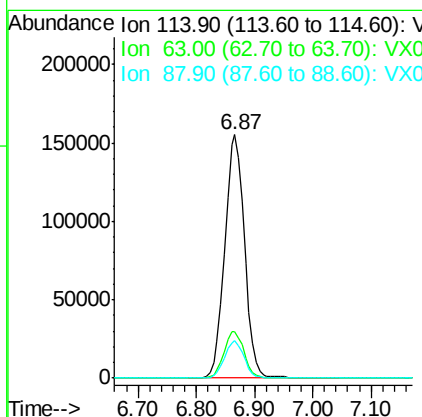
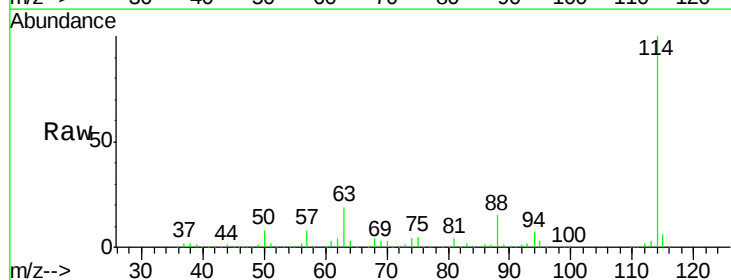
Instrument :
 MSVOA_X
 ClientSampleId :

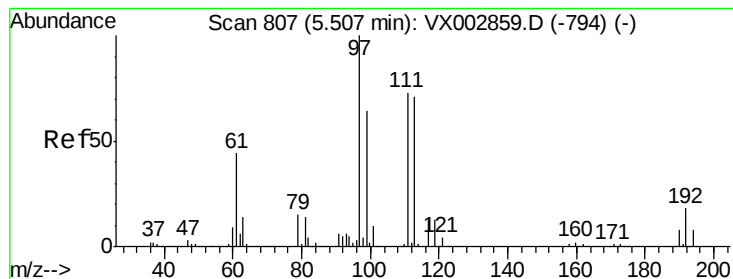
Tot Ion: 65 Resp: 161260
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion: 114 Resp: 366585
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.17 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

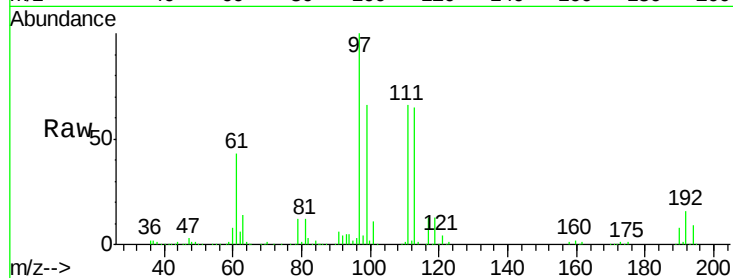
Tot Ion:113 Resp: 136938

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

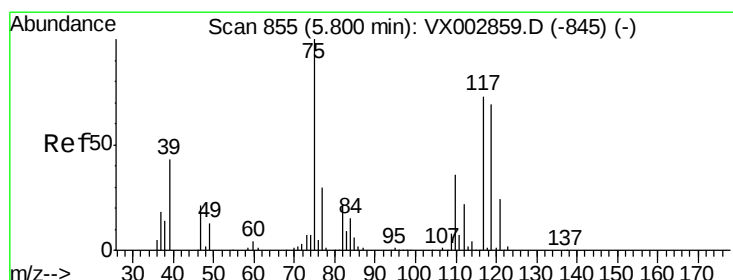
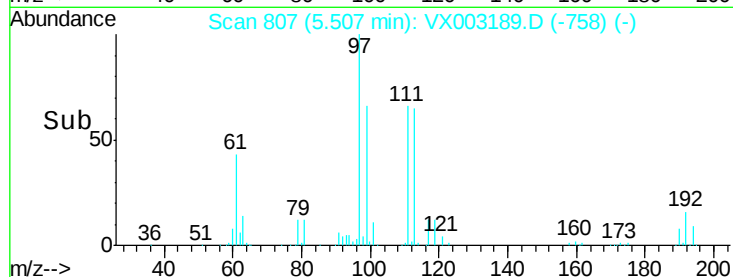
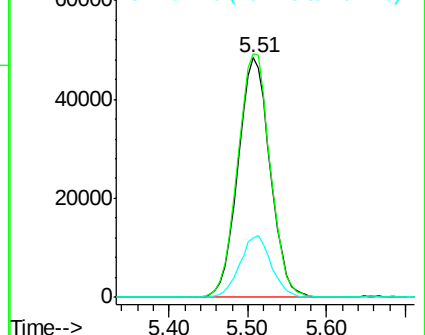
192 25.1 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.25 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

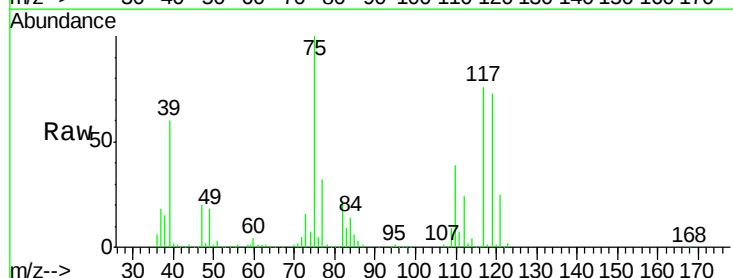
Tgt Ion: 75 Resp: 202015

Ion Ratio Lower Upper

75 100

110 37.8 18.1 54.4

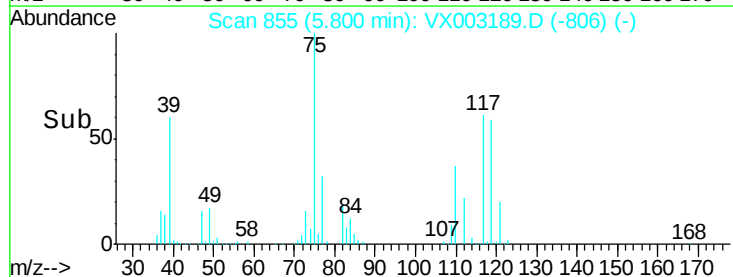
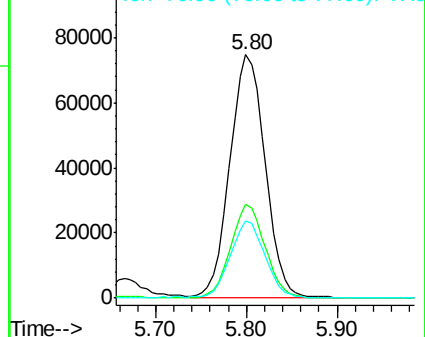
77 31.0 24.3 36.5

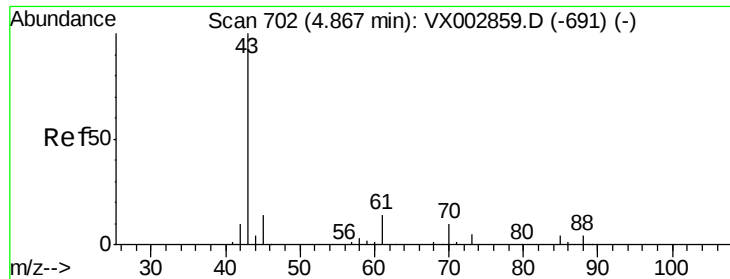


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 53.69 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

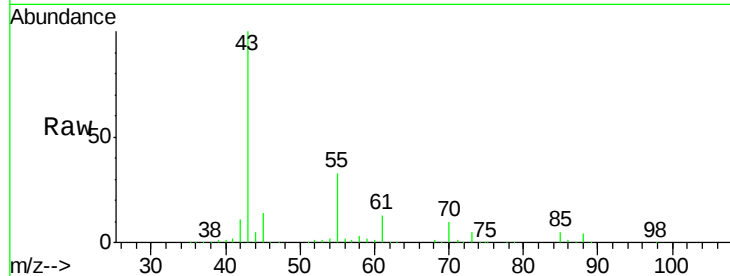
Tot Ion: 43 Resp: 232410

Ion Ratio Lower Upper

43 100

61 13.3 10.4 15.6

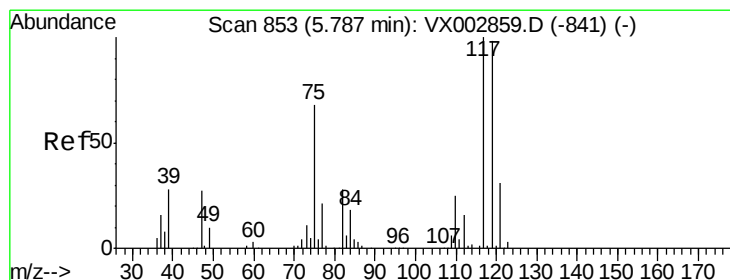
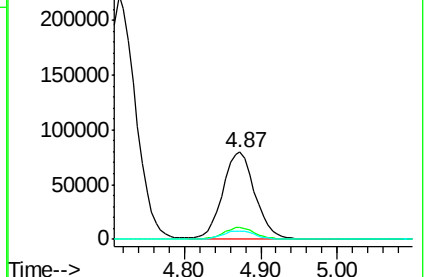
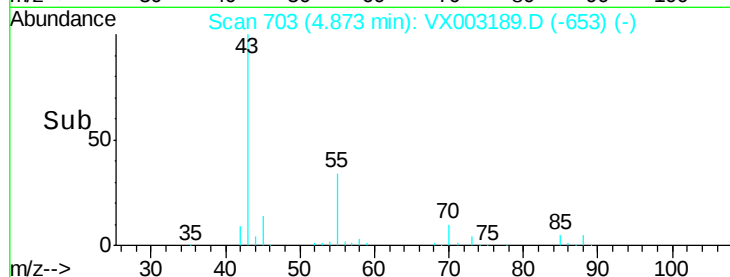
70 10.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX003189.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX003189.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX003189.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 51.94 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

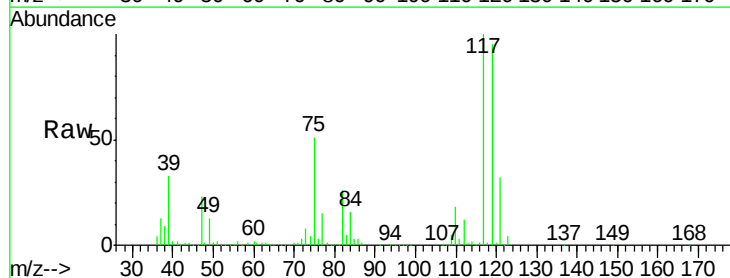
Tgt Ion: 117 Resp: 229128

Ion Ratio Lower Upper

117 100

119 94.4 77.4 116.0

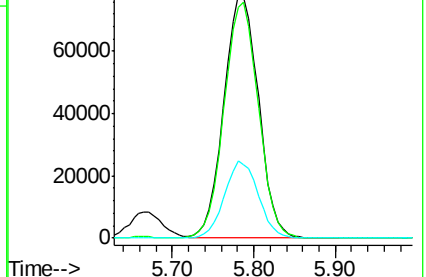
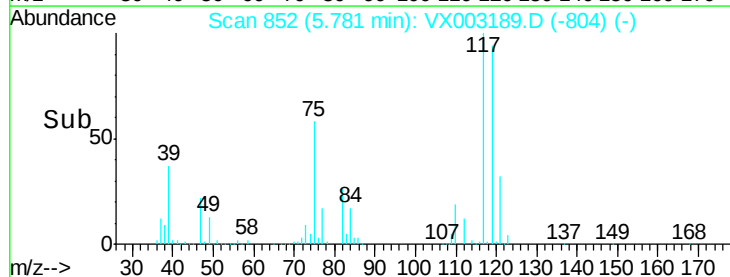
121 31.7 24.4 36.6

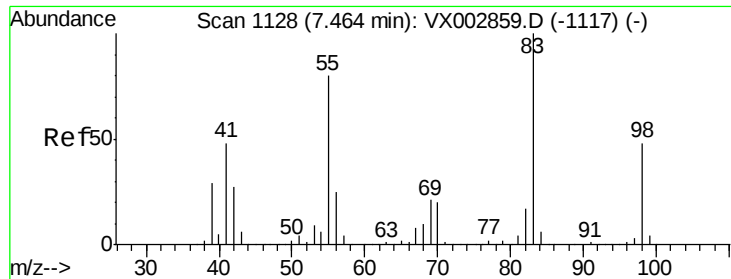


Abundance Ion 116.80 (116.50 to 117.50): VX003189.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX003189.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX003189.D (-804) (-)

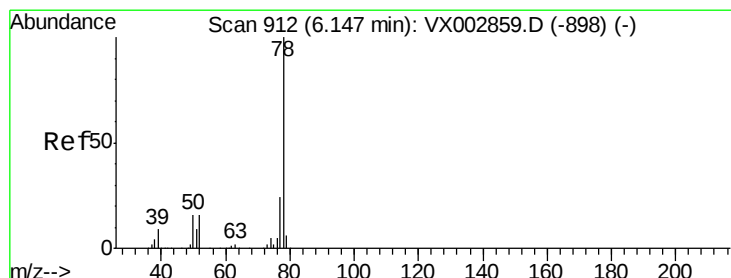
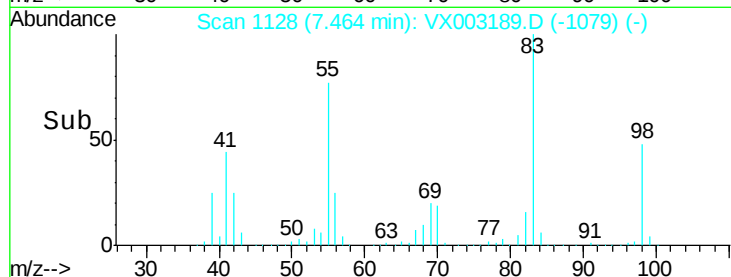
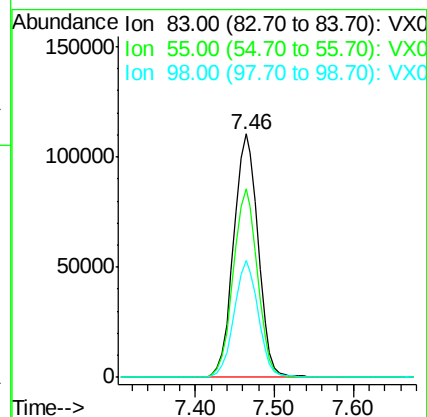
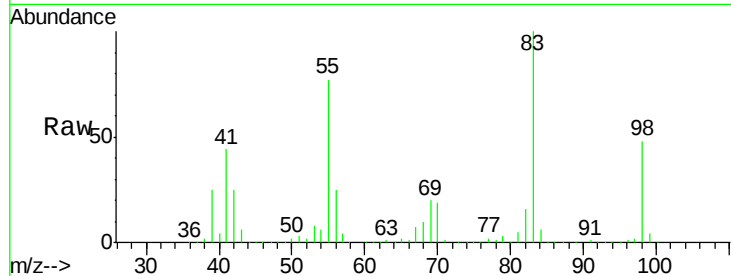




#39
Methvlcvclohexane
Concen: 50.87 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

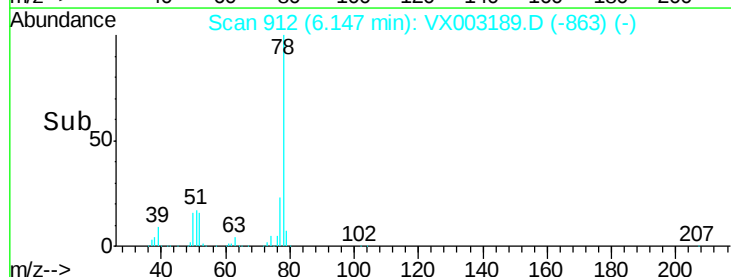
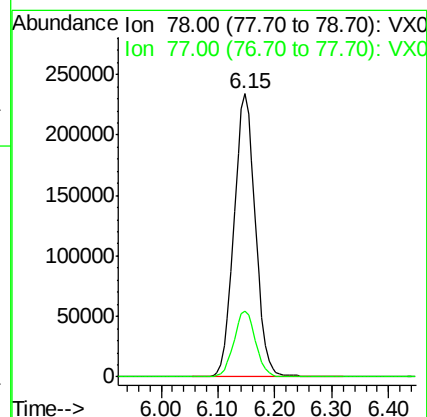
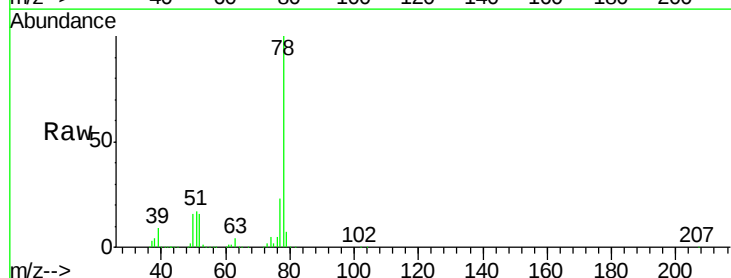
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 238216
Ion Ratio Lower Upper
83 100
55 77.4 65.4 98.0
98 47.8 37.4 56.0



#40
Benzene
Concen: 52.54 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion: 78 Resp: 613719
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

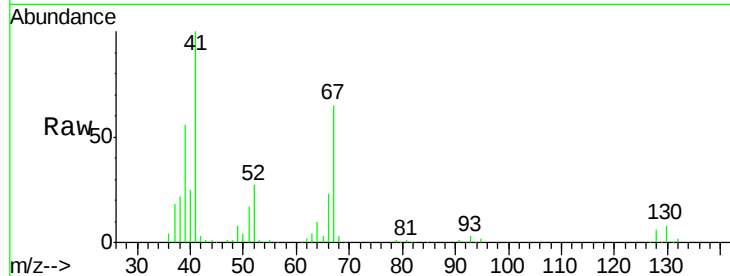




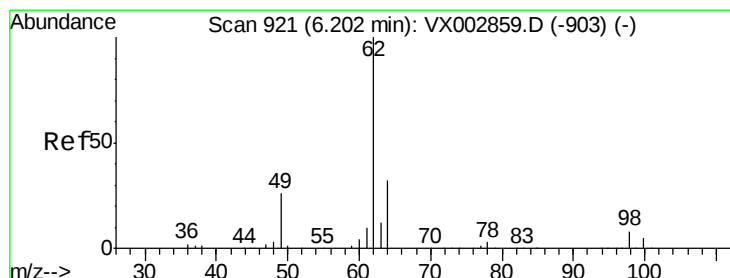
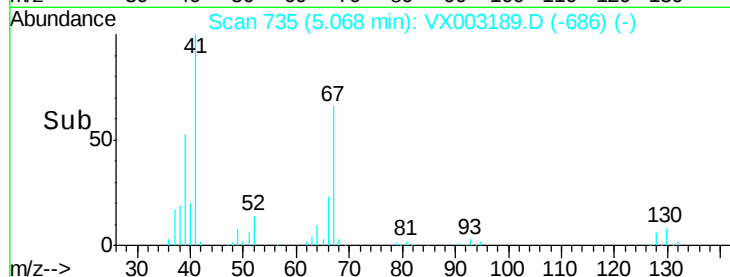
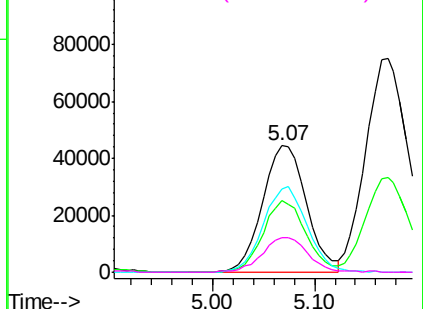
#41
Methacrylonitrile
Concen: 53.22 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	132660
Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.8	68.6
67	67.8	51.3	76.9
52	28.1	23.0	34.6

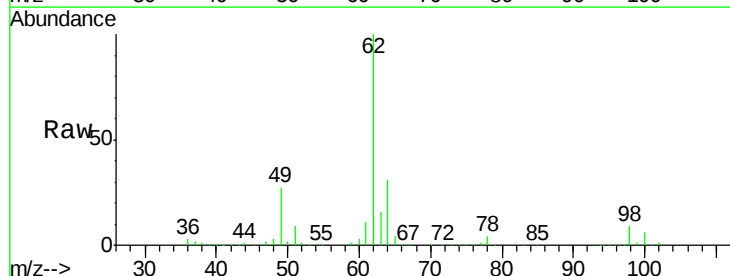


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

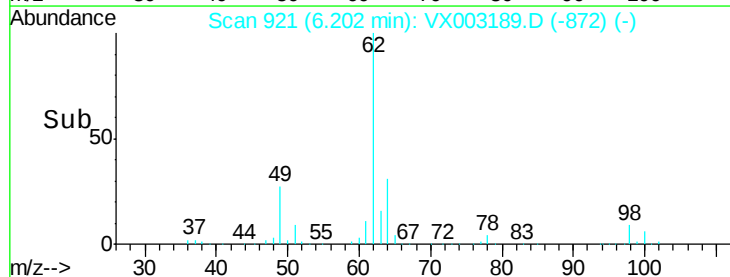
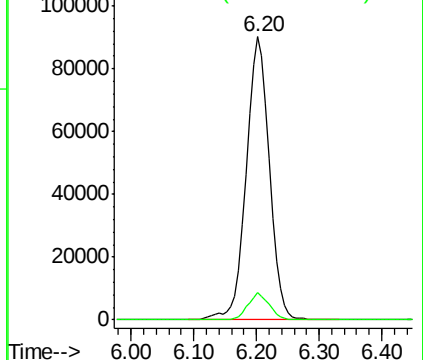


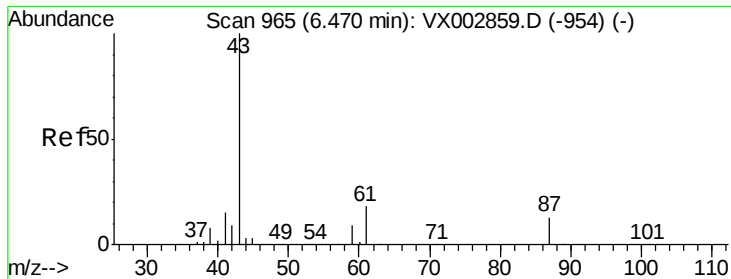
#42
1,2-Dichloroethane
Concen: 48.54 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion:	62	Resp:	229027
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.6



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



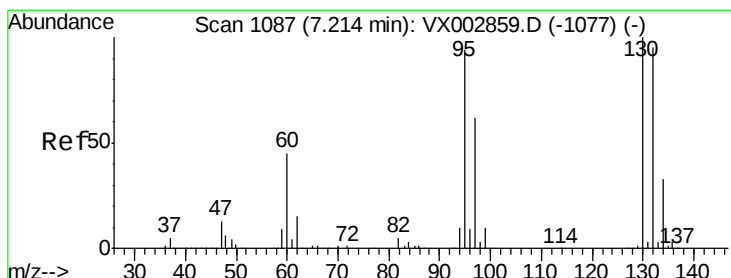
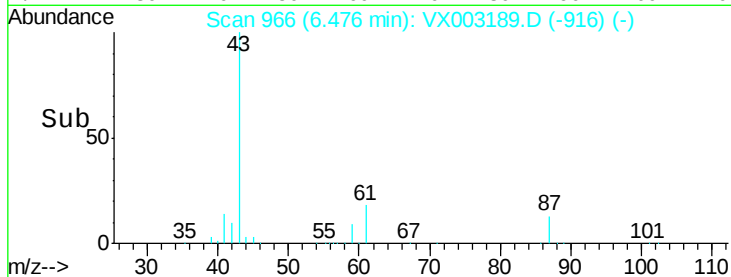
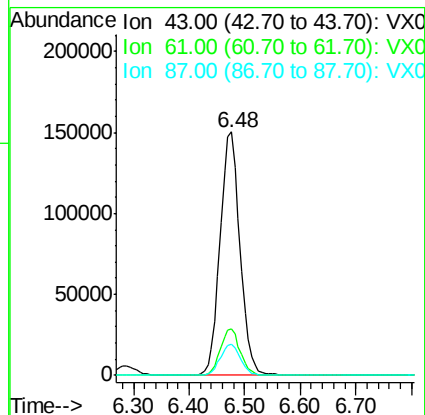
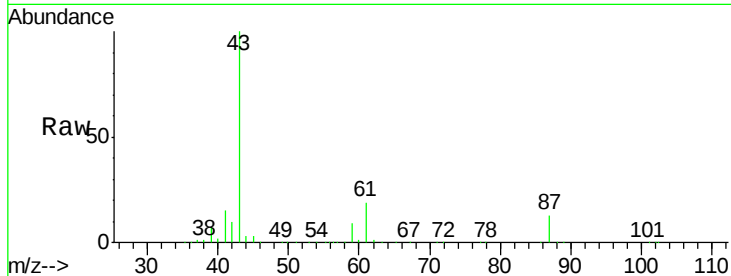


#43

Isopropyl Acetate
 Concen: 51.21 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :

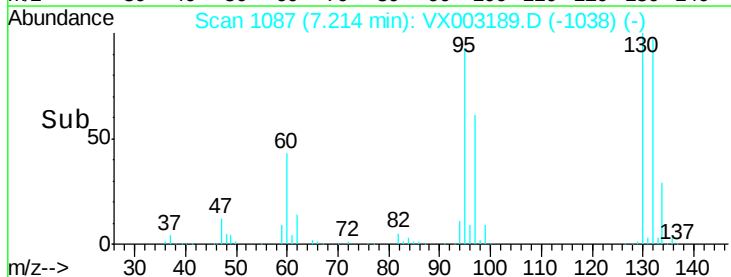
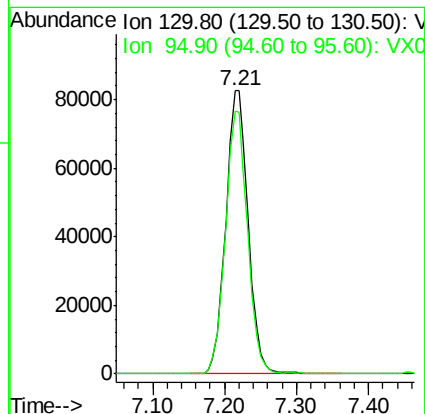
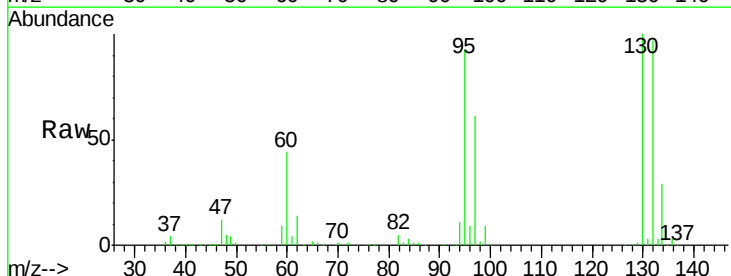
Tot Ion: 43 Resp: 371753
 Ion Ratio Lower Upper
 43 100
 61 19.1 14.4 21.6
 87 13.0 9.5 14.3

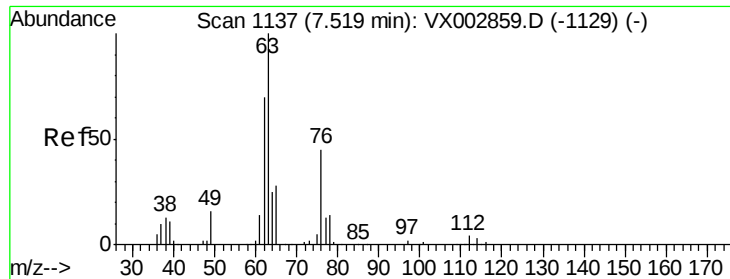


#44

Trichloroethene
 Concen: 51.38 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion: 130 Resp: 178914
 Ion Ratio Lower Upper
 130 100
 95 92.8 0.0 185.4

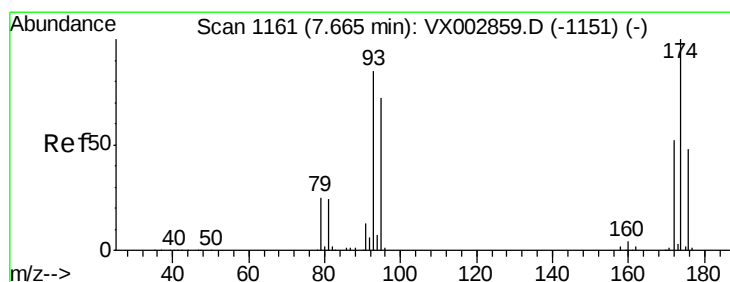
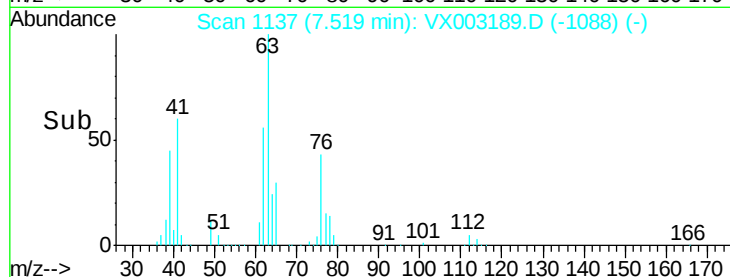
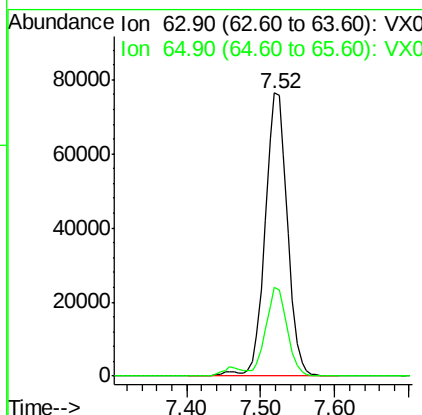
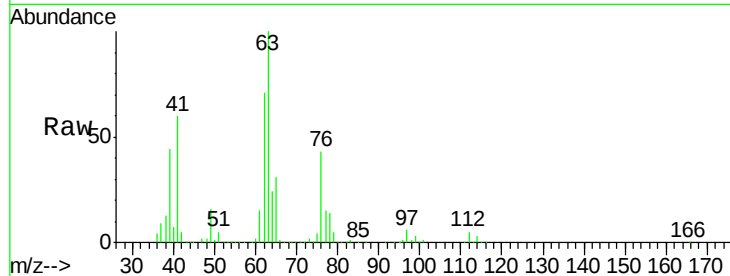




#45
 1,2-Dichloropropane
 Concen: 51.81 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

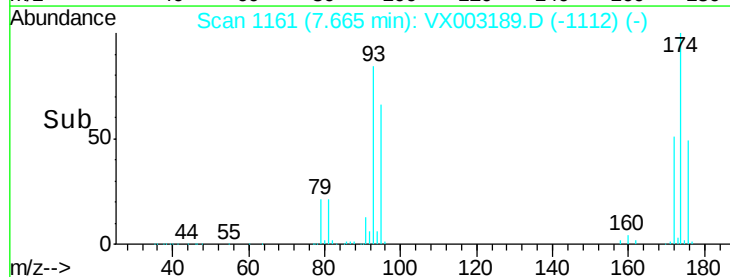
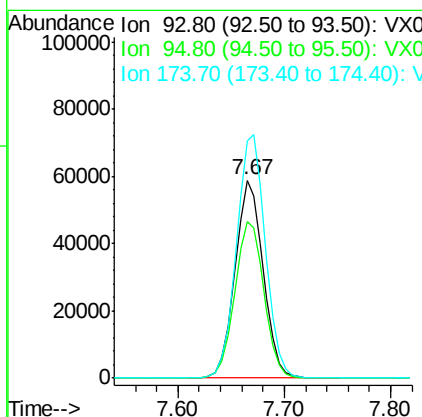
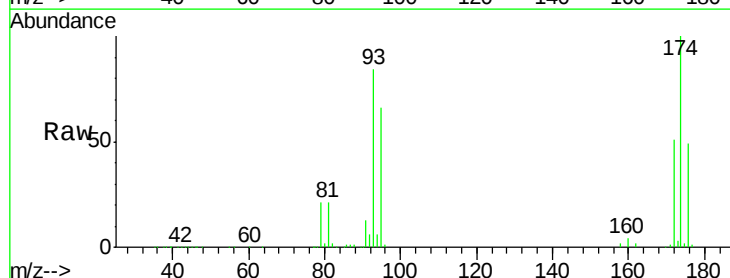
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 63 Resp: 160518
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 50.96 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion: 93 Resp: 109577
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.9 98.9
 174 126.1 92.4 138.6





#47

Bromodichloromethane

Concen: 52.61 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampled :

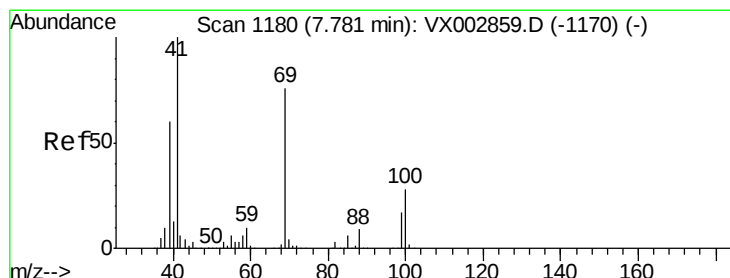
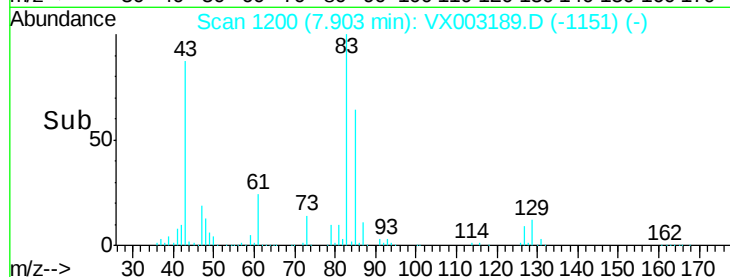
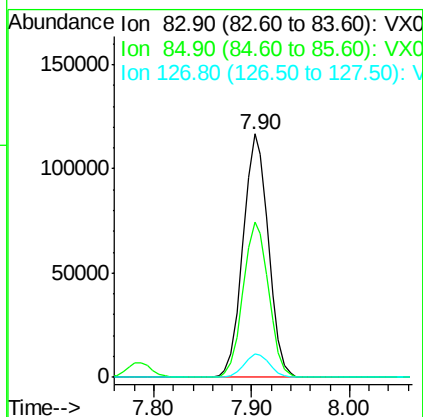
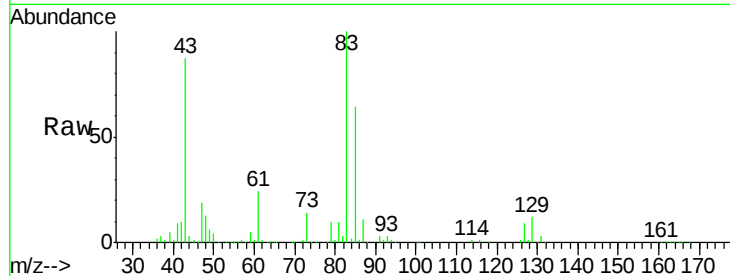
Tot Ion: 83 Resp: 209126

Ion Ratio Lower Upper

83 100

85 63.9 50.3 75.5

127 9.5 7.0 10.4



#48

Methyl methacrylate

Concen: 52.39 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

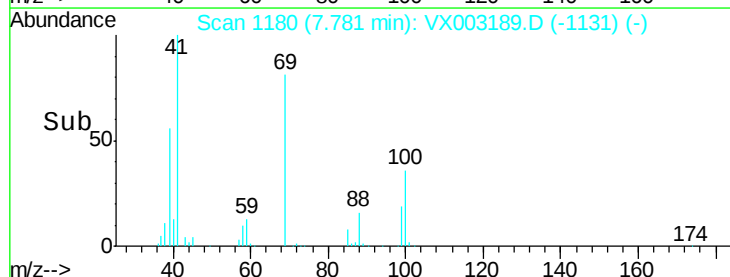
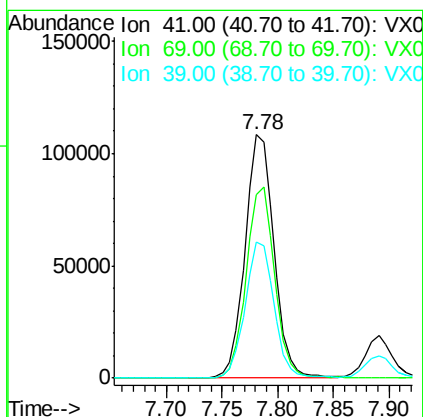
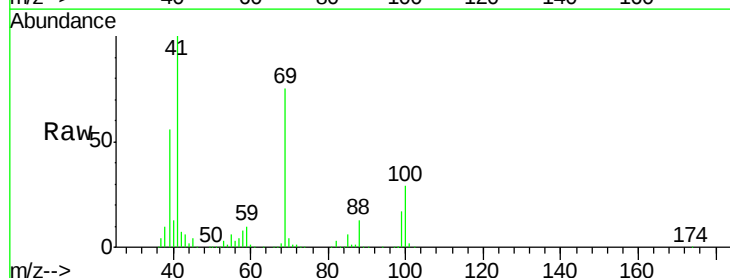
Tgt Ion: 41 Resp: 195972

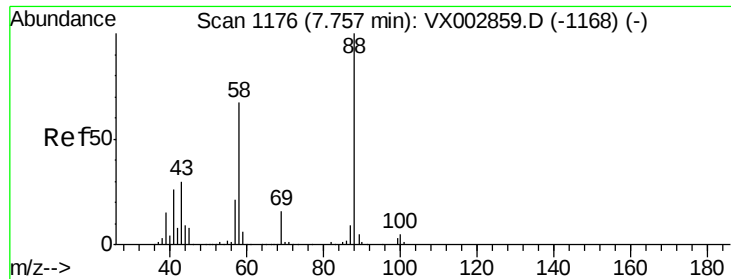
Ion Ratio Lower Upper

41 100

69 77.8 59.1 88.7

39 56.1 48.9 73.3

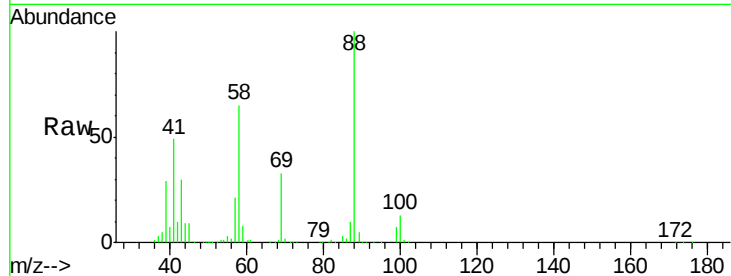




#49
1,4-Dioxane
Concen: 1092.23 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	79484
Ion	Ratio	Lower	Upper
88	100		
43	33.8	29.8	44.6
58	69.4	57.1	85.7

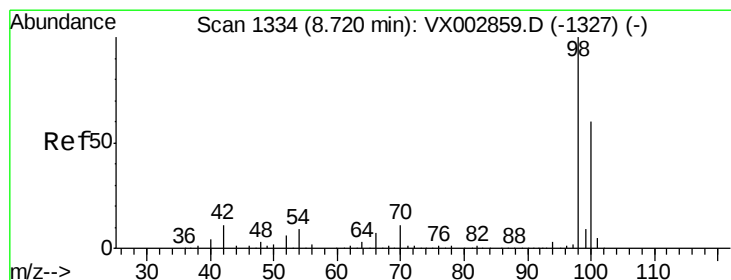
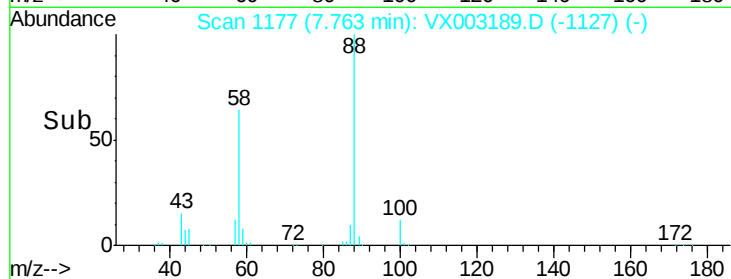
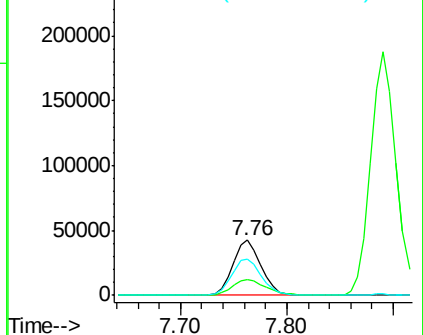


Abundance

Ion 88.00 (87.70 to 88.70): VX0

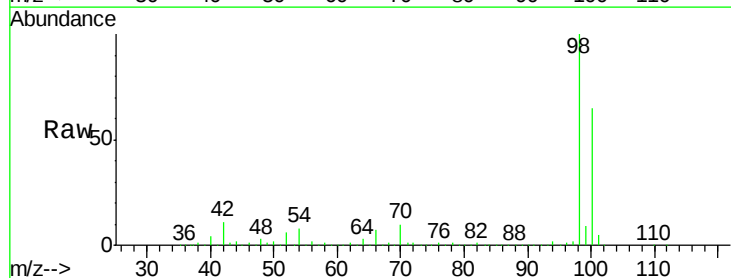
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 45.28 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

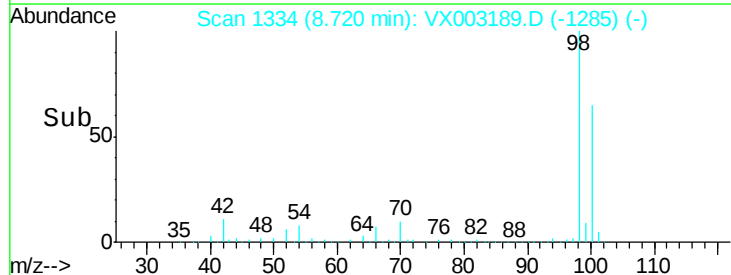
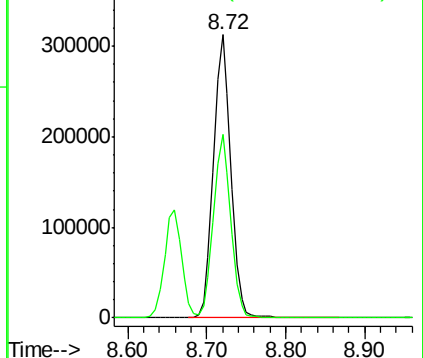
Tgt Ion	98	Resp	480057
Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3

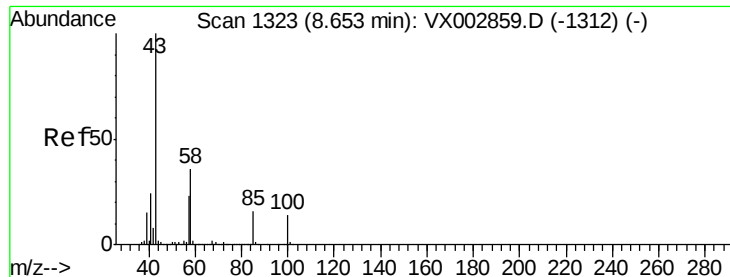


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

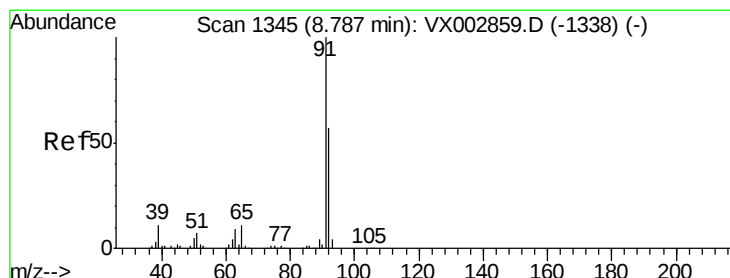
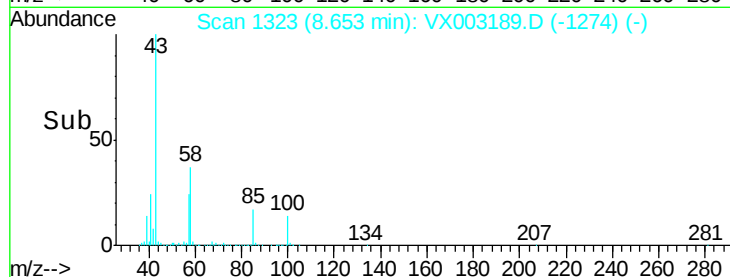
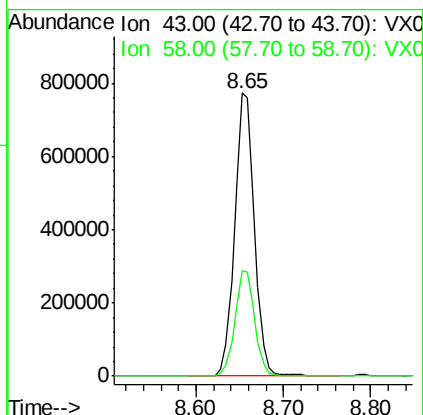
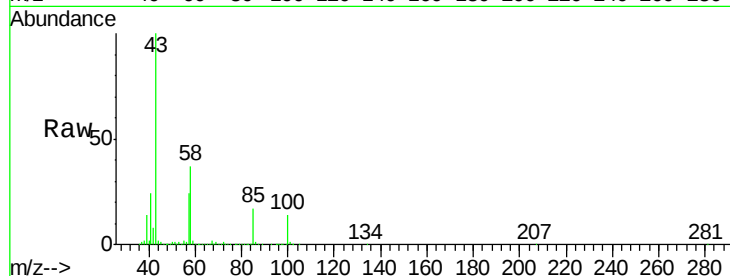




#51
 4-Methyl-2-Pentanone
 Concen: 268.47 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

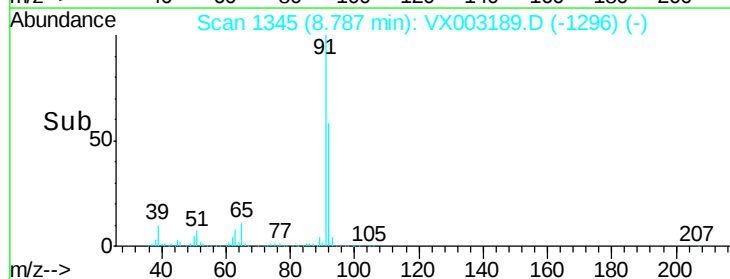
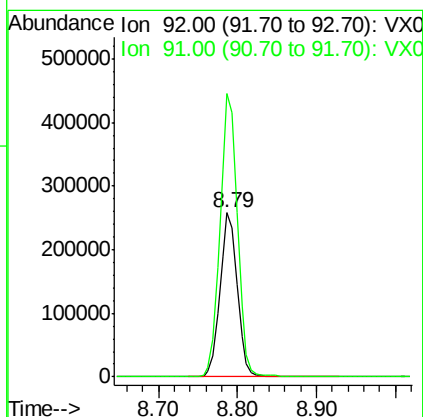
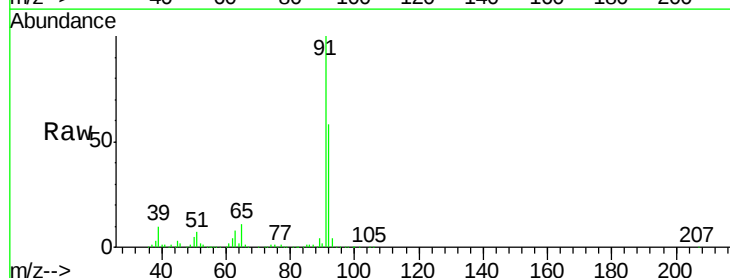
Instrument :
 MSVOA_X
 ClientSampleId :

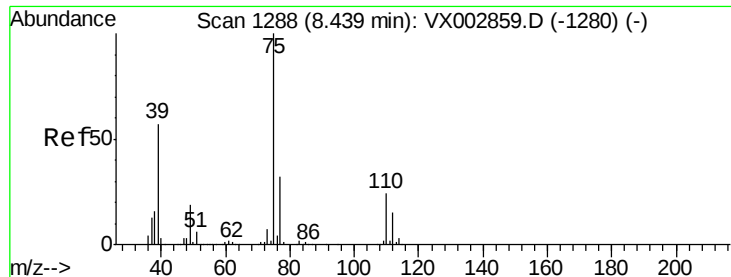
Tot Ion: 43 Resp: 1219333
 Ion Ratio Lower Upper
 43 100
 58 37.3 28.6 42.8



#52
 Toluene
 Concen: 52.54 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion: 92 Resp: 393174
 Ion Ratio Lower Upper
 92 100
 91 174.7 140.4 210.6

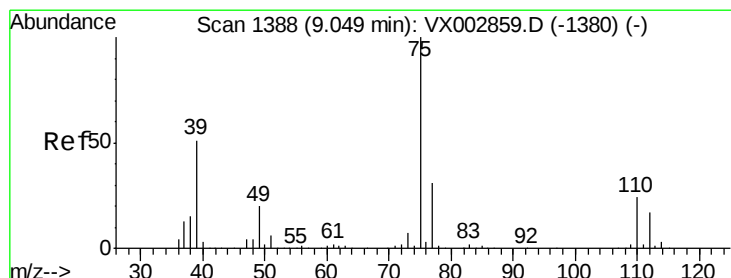
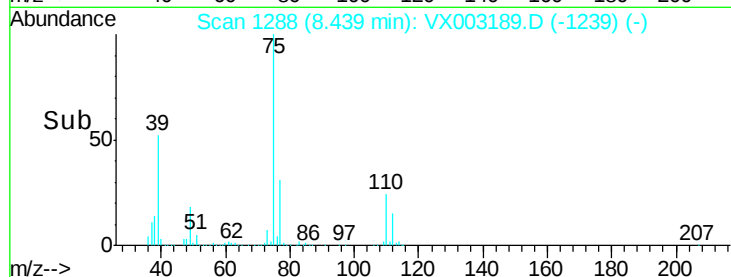
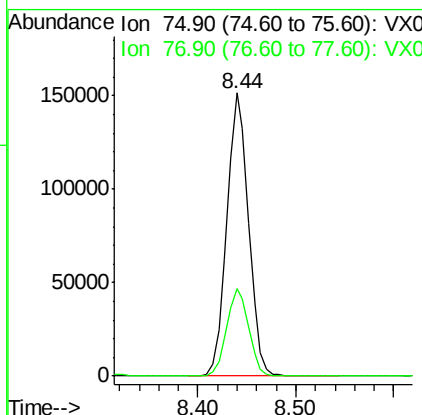
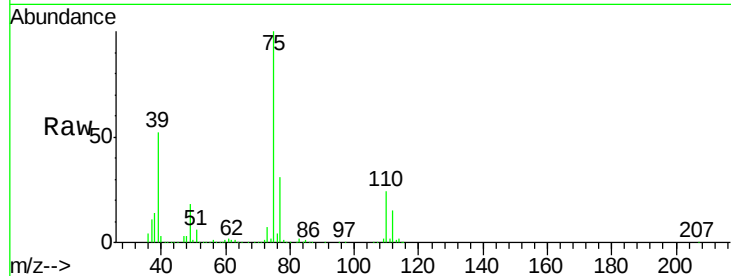




#53
t-1,3-Dichloropropene
Concen: 51.64 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

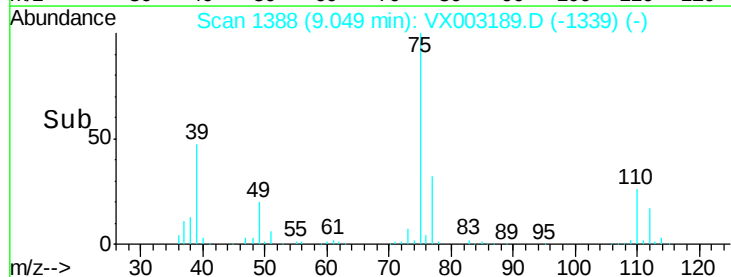
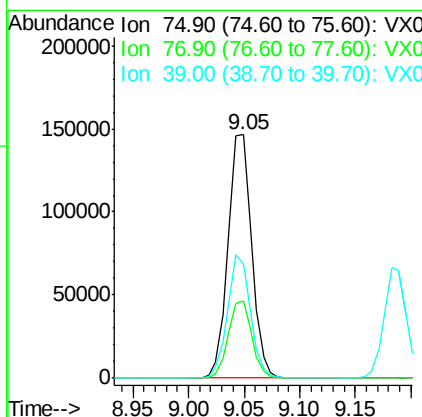
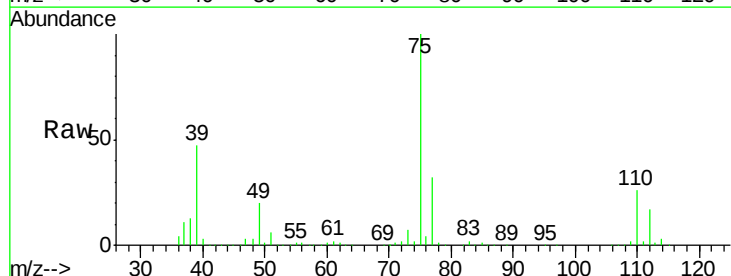
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 232490
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.91 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion: 75 Resp: 216189
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 47.0 42.4 63.6

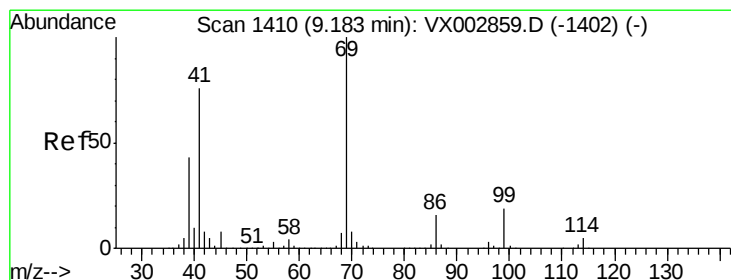
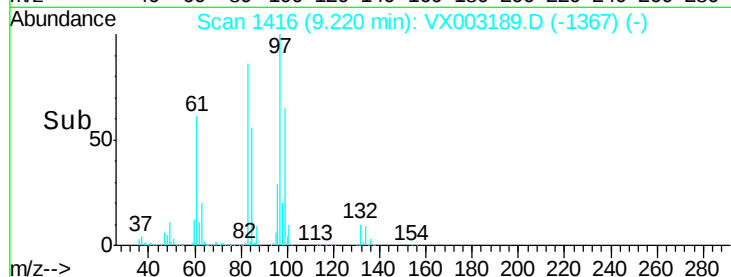
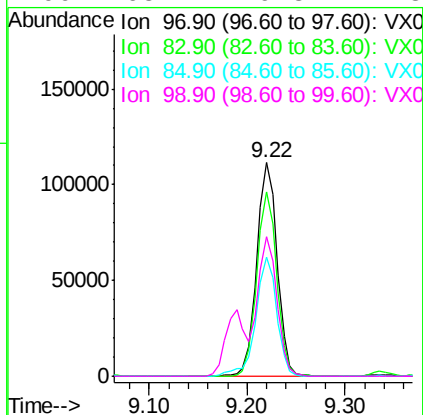
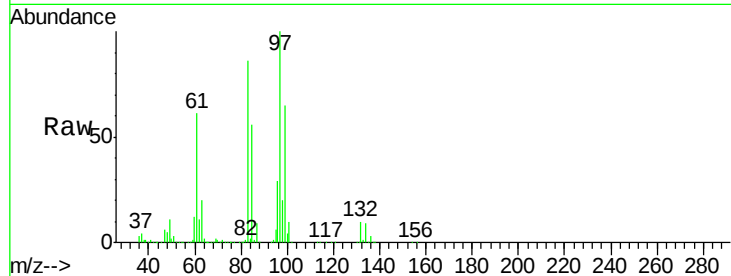




#55
 1,1,2-Trichloroethane
 Concen: 53.09 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

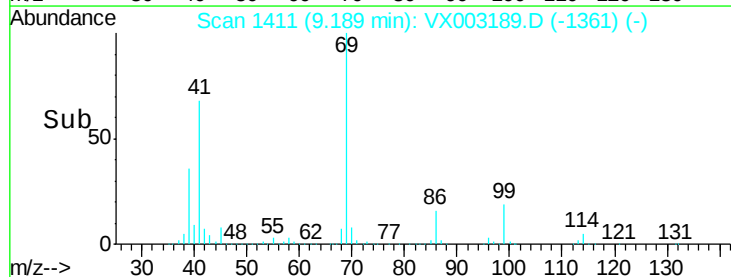
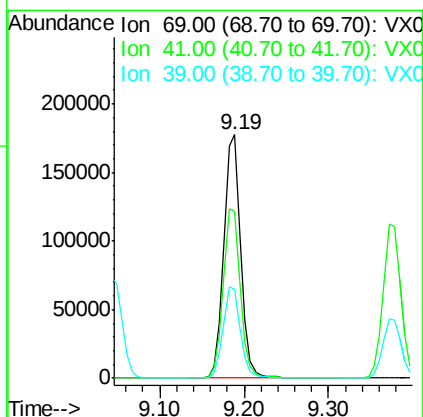
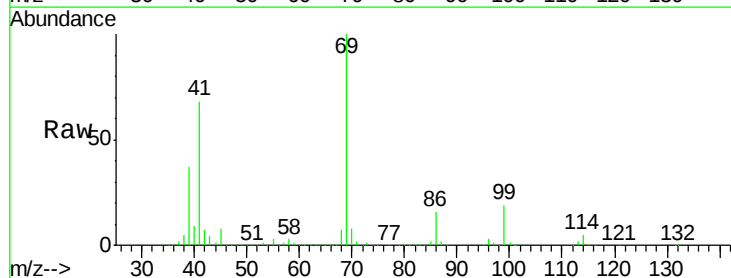
Instrument :
 MSVOA_X
 ClientSampleId :

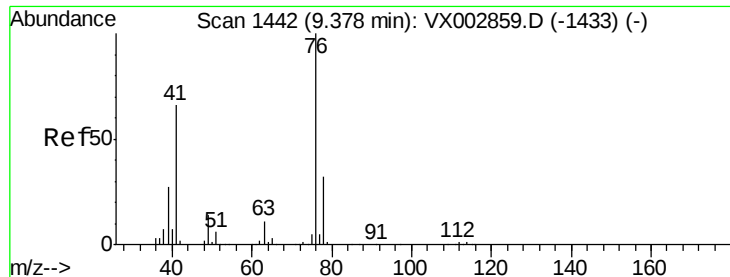
Tot Ion:	97	Resp:	163243
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.2	105.2
85	56.0	44.9	67.3
99	65.2	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 54.98 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion:	69	Resp:	247072
Ion	Ratio	Lower	Upper
69	100		
41	71.0	60.3	90.5
39	38.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.71 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

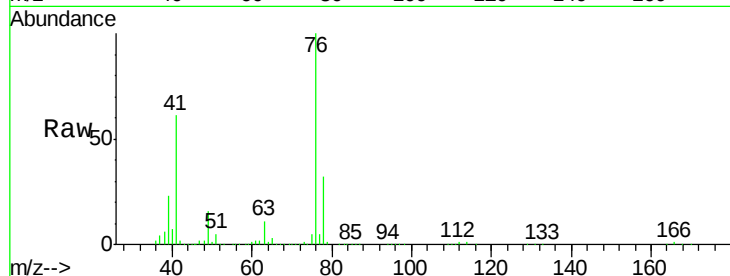
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 76 Resp: 266201

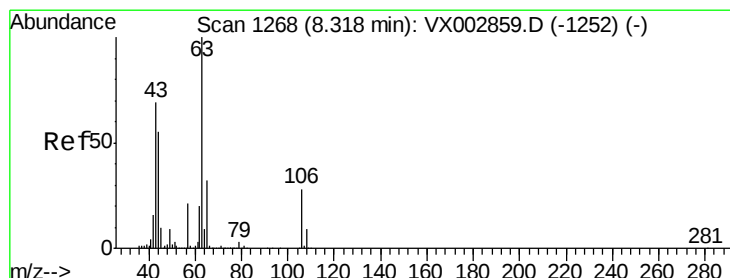
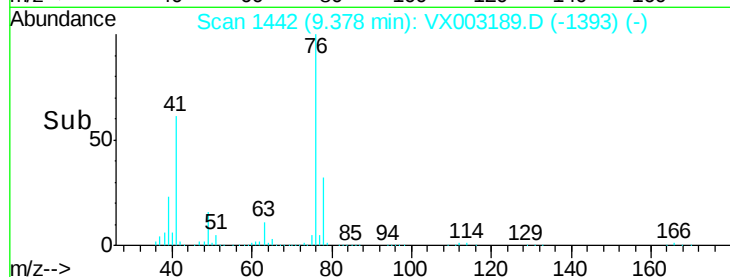
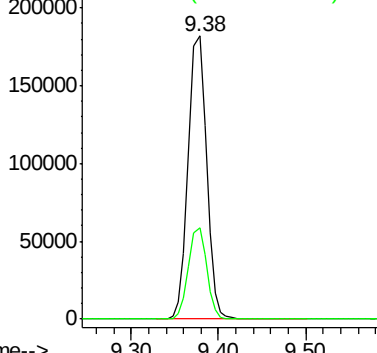
Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 230.78 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003189.D

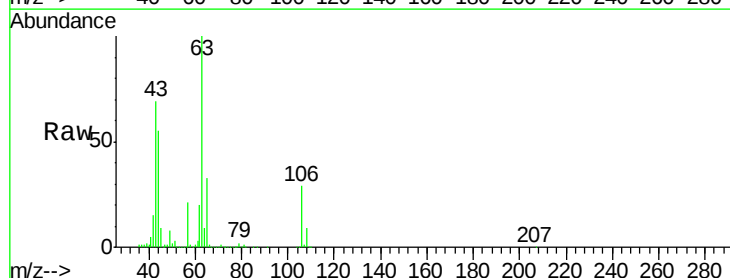
Acq: 05 Jul 2018 23:14

Tgt Ion: 63 Resp: 500328

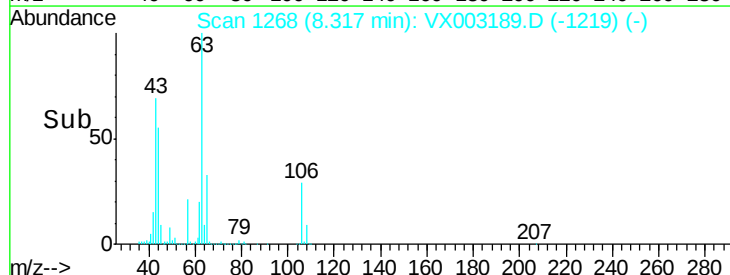
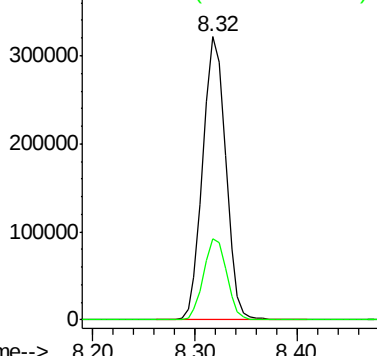
Ion Ratio Lower Upper

63 100

106 29.0 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

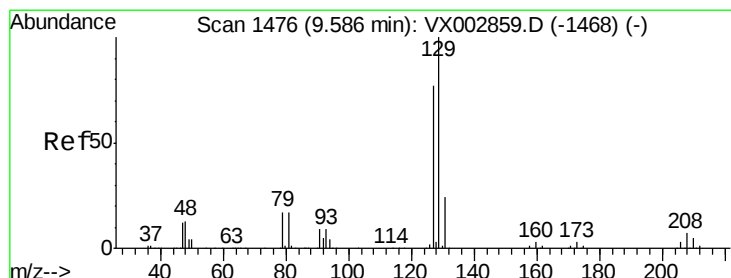
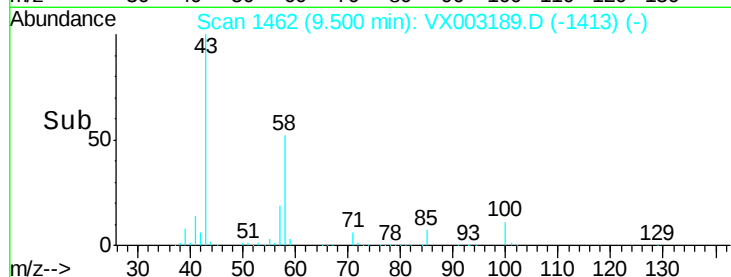
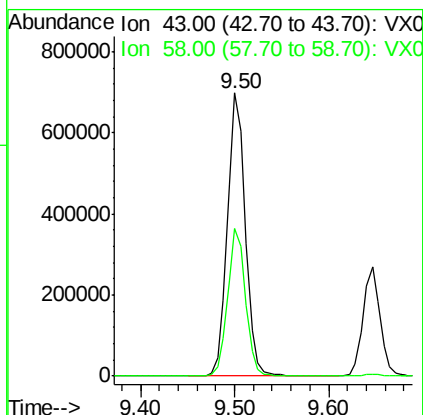
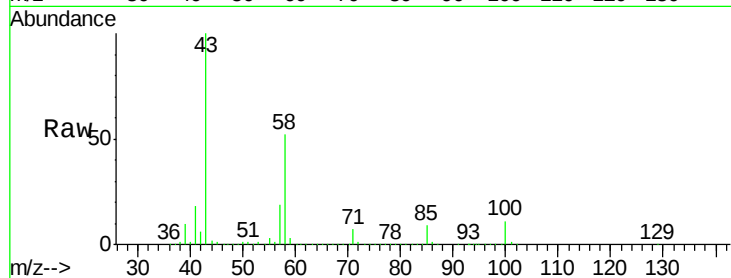




#59
2-Hexanone
Concen: 267.53 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

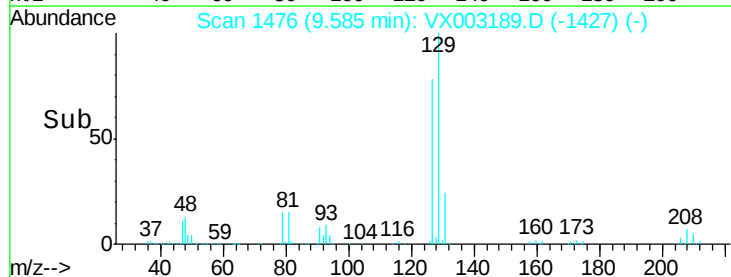
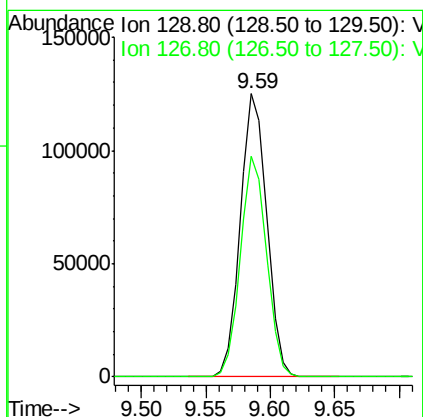
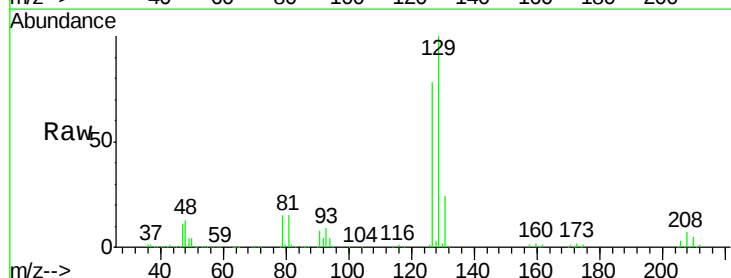
Instrument :
MSVOA_X
ClientSampleId :

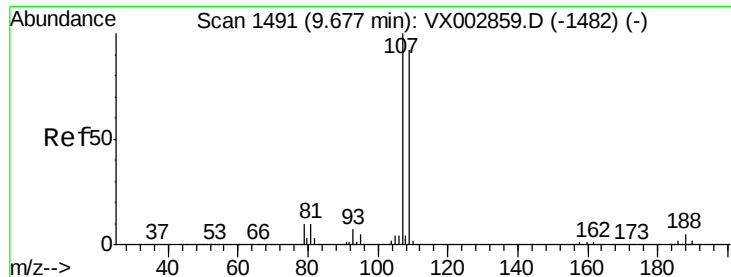
Tot Ion: 43 Resp: 923474
Ion Ratio Lower Upper
43 100
58 52.0 24.6 73.6



#60
Dibromochloromethane
Concen: 54.92 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion: 129 Resp: 177770
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.64 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

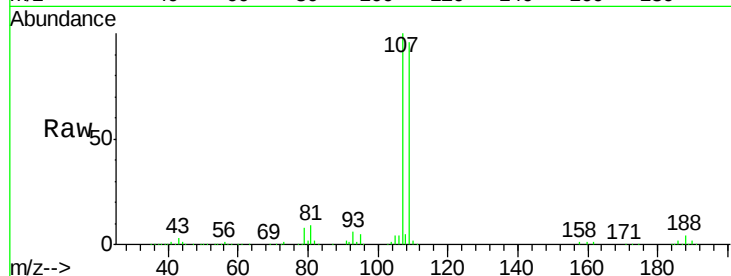
ClientSampleId :

Tot Ion:107 Resp: 172987

Ion Ratio Lower Upper

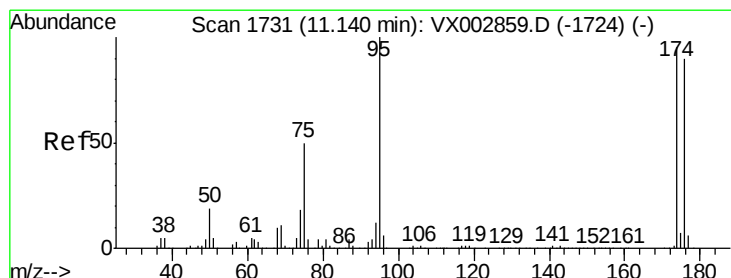
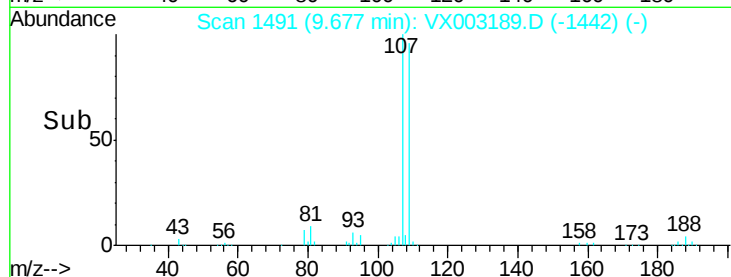
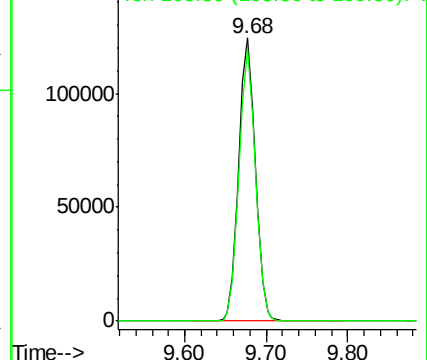
107 100

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: 46.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

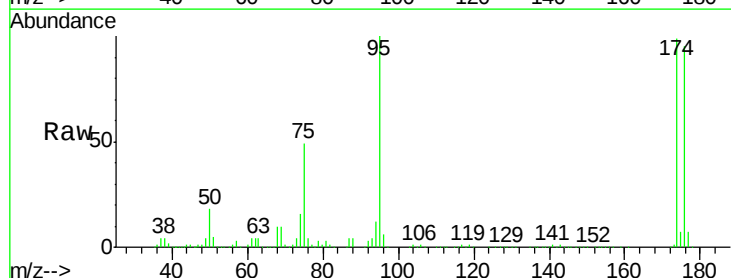
Tgt Ion: 95 Resp: 188244

Ion Ratio Lower Upper

95 100

174 99.3 0.0 187.4

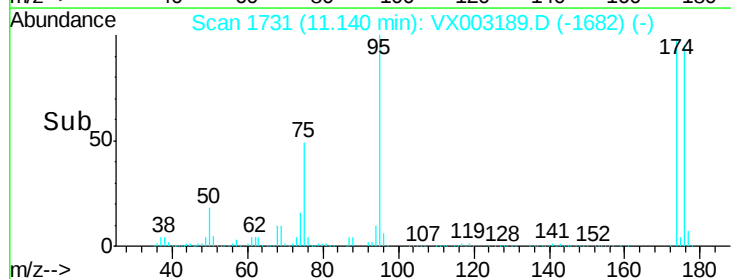
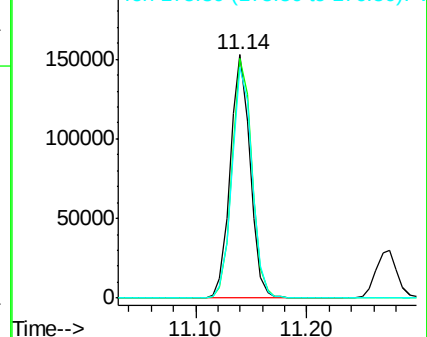
176 96.3 0.0 181.0

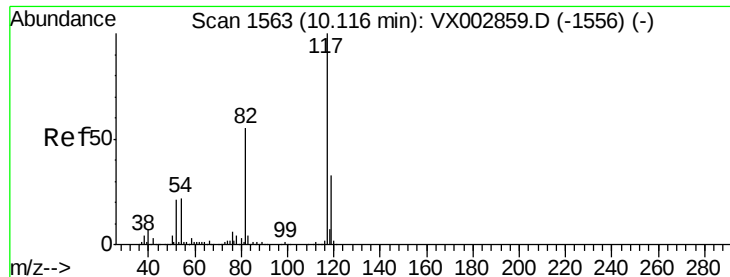


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

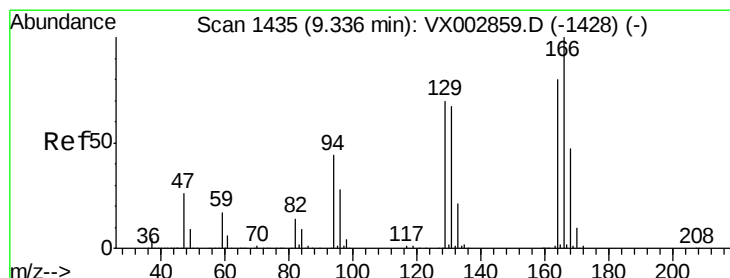
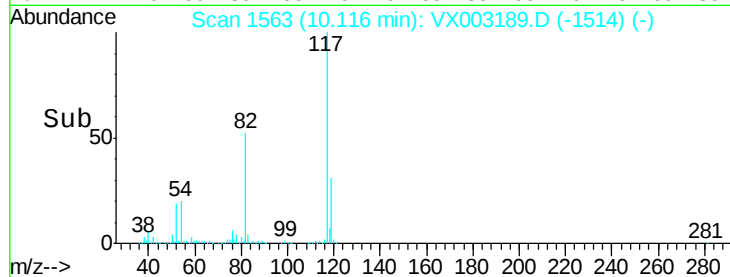
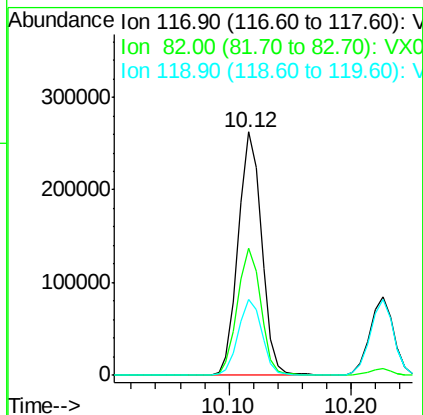
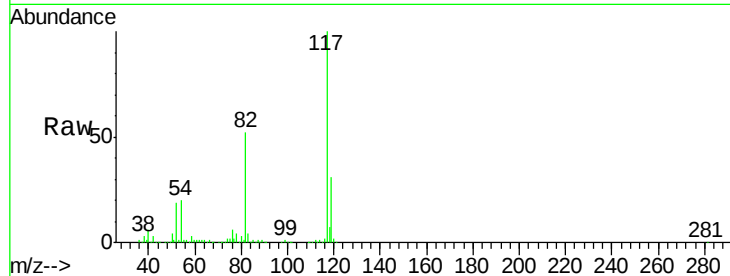




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

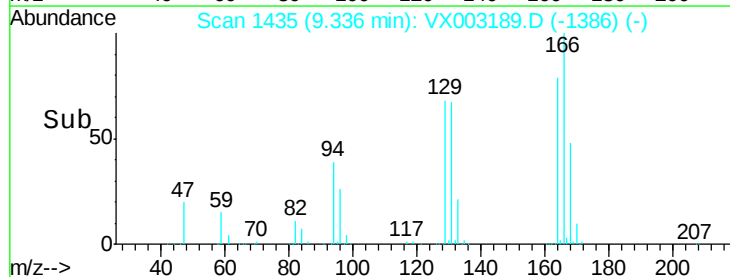
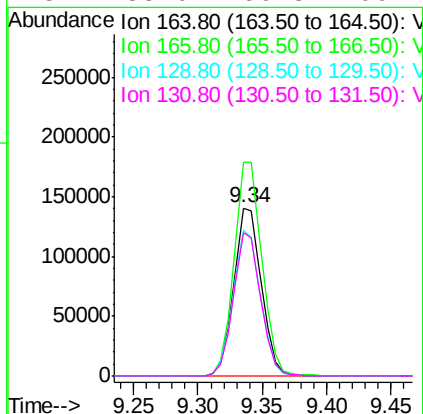
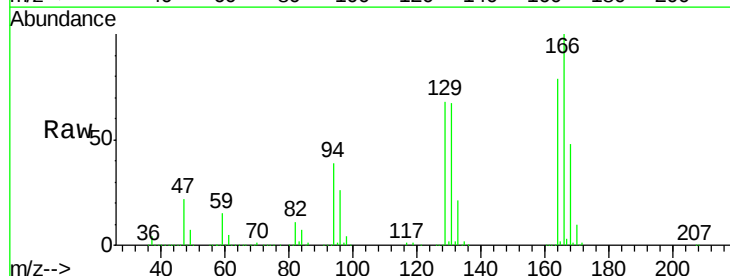
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 347896
Ion Ratio Lower Upper
117 100
82 52.4 45.0 67.4
119 31.2 25.8 38.6



#64
Tetrachloroethene
Concen: 54.24 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion:164 Resp: 209829
Ion Ratio Lower Upper
164 100
166 126.9 102.9 154.3
129 86.7 68.6 102.8
131 85.0 66.8 100.2





#65

Chlorobenzene

Concen: 51.67 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

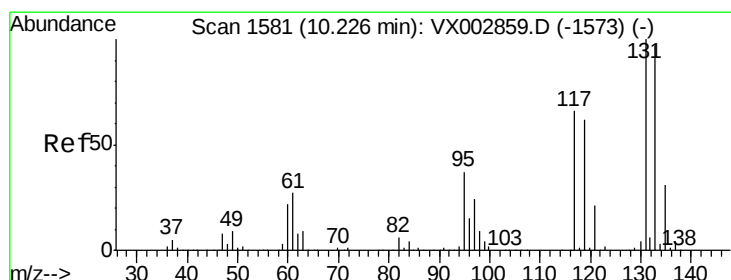
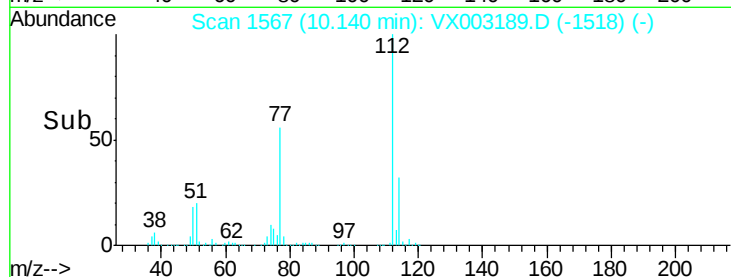
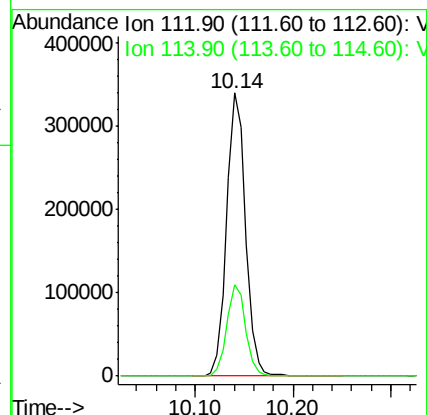
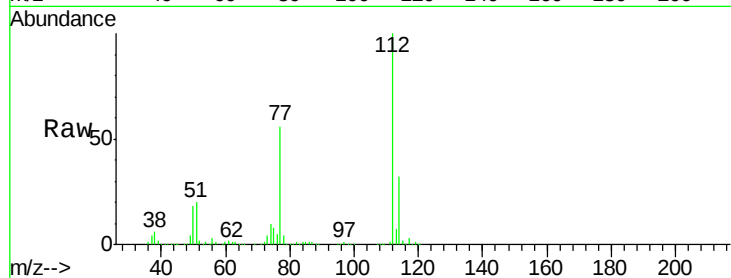
ClientSampleId :

Tot Ion:112 Resp: 456570

Ion Ratio Lower Upper

112 100

114 32.2 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 53.77 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

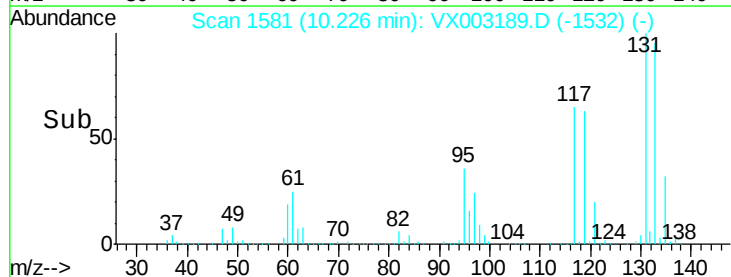
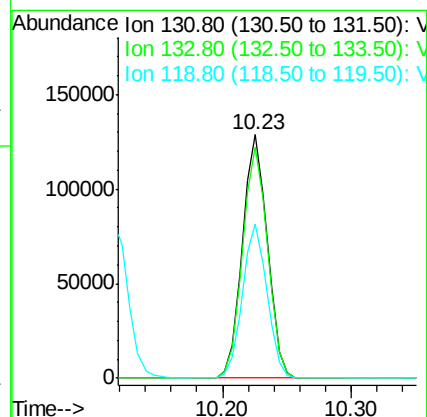
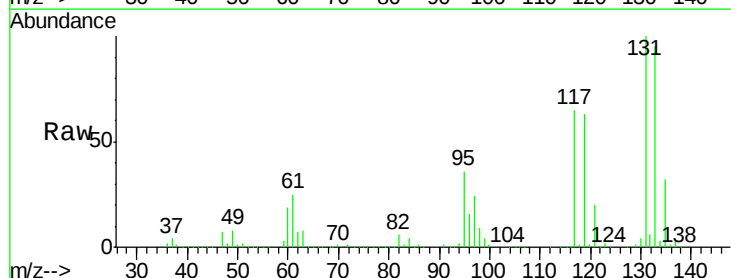
Tgt Ion:131 Resp: 172594

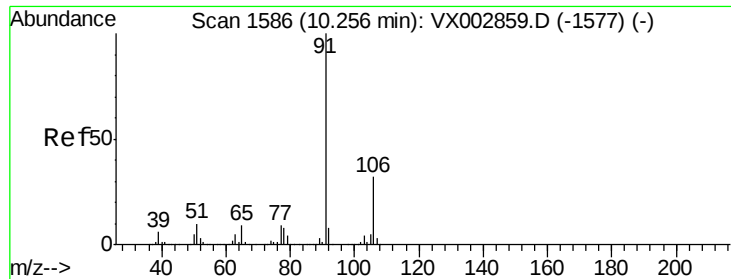
Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.6

119 62.8 31.8 95.3

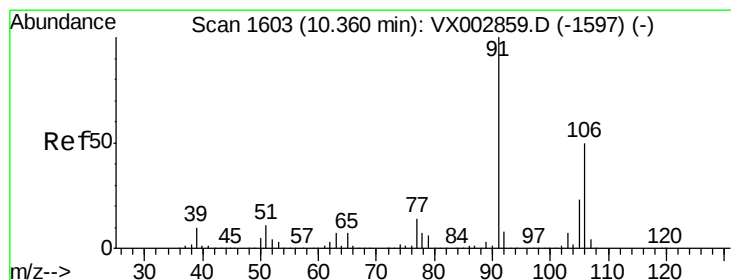
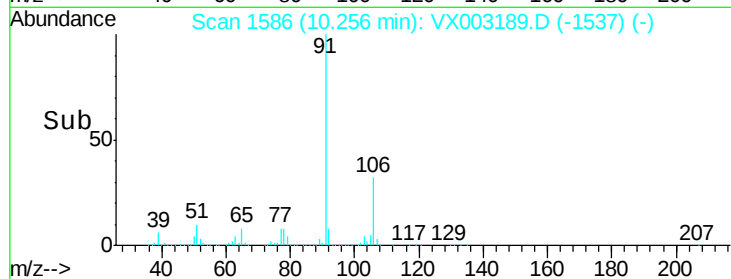
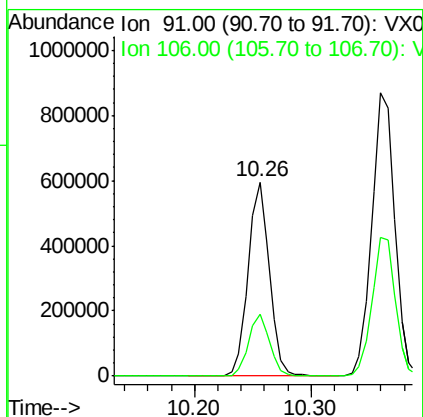
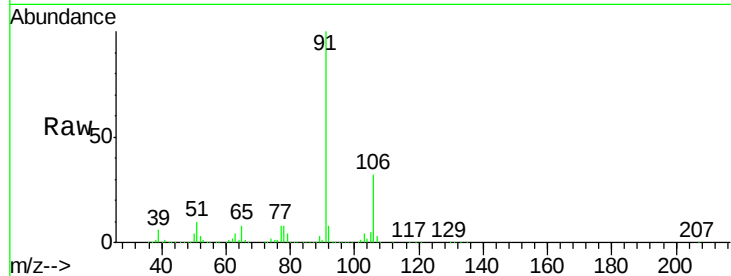




#67
Ethyl Benzene
Concen: 52.37 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

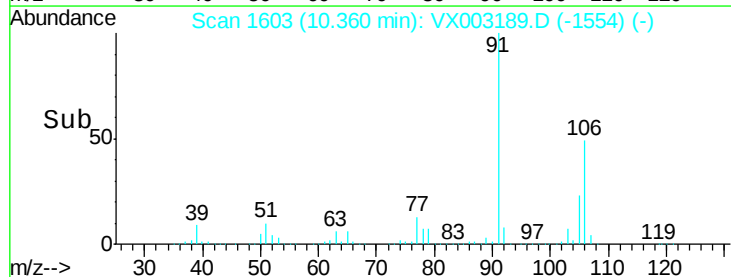
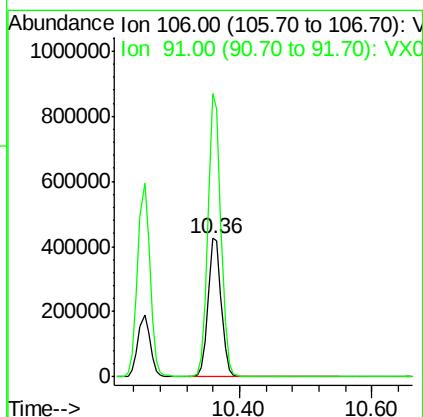
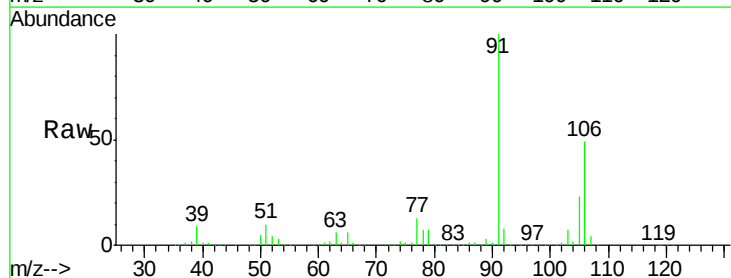
Instrument :
MSVOA_X
ClientSampleId :

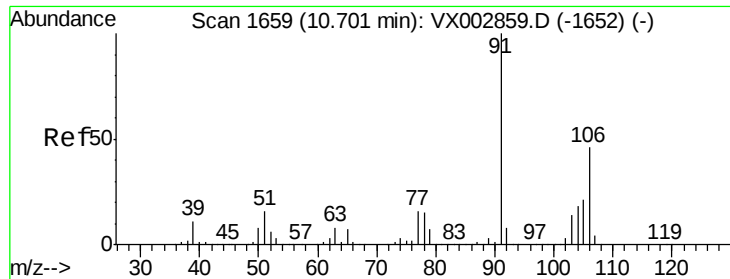
Tot Ion: 91 Resp: 764486
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 106.65 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion: 106 Resp: 600017
Ion Ratio Lower Upper
106 100
91 200.3 163.4 245.2

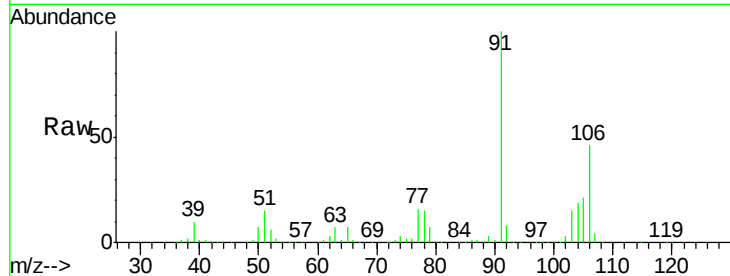




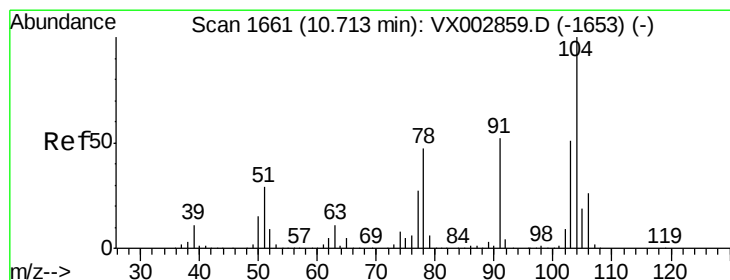
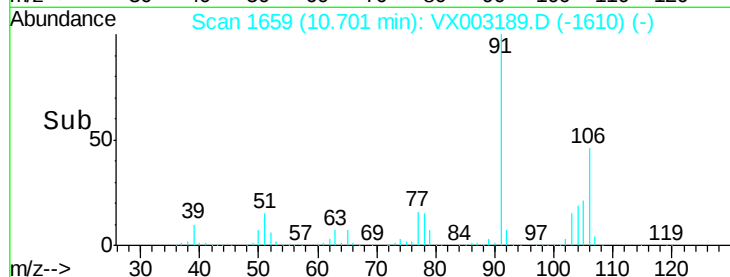
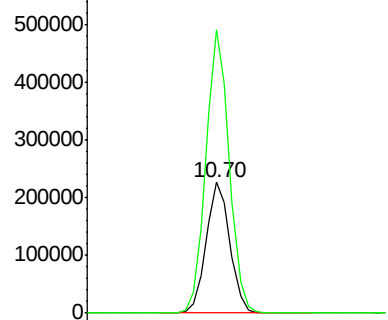
#69
o-Xylene
Concen: 53.05 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 290622
Ion Ratio Lower Upper
106 100
91 213.0 108.2 324.6

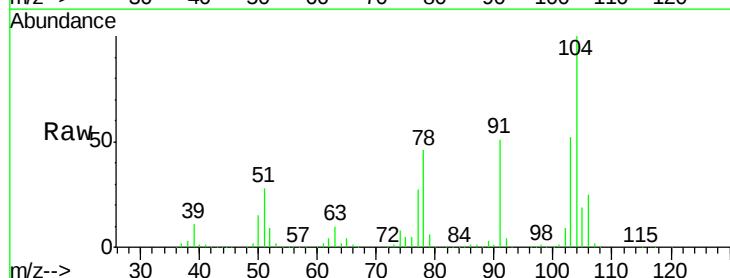


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

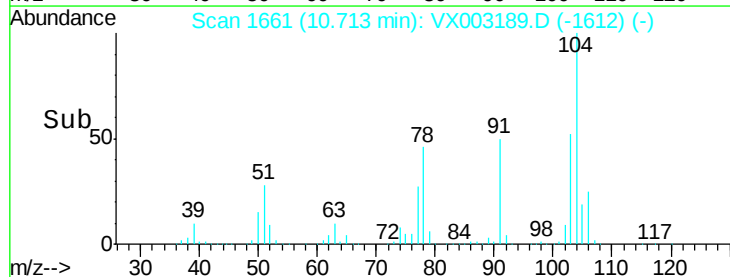
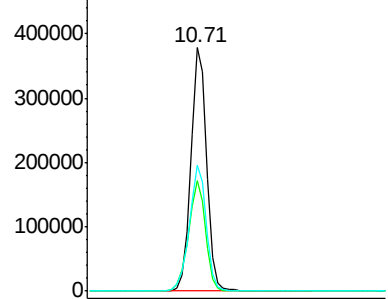


#70
Styrene
Concen: 55.22 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion:104 Resp: 491527
Ion Ratio Lower Upper
104 100
78 49.2 41.0 61.6
103 55.4 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

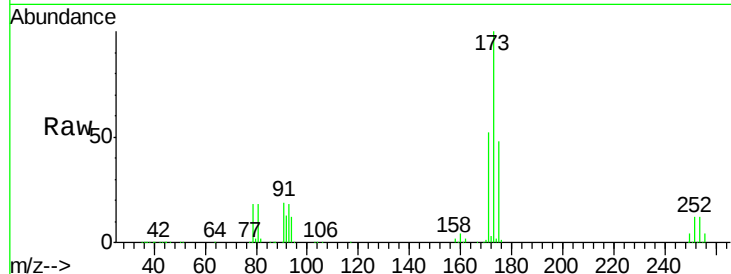




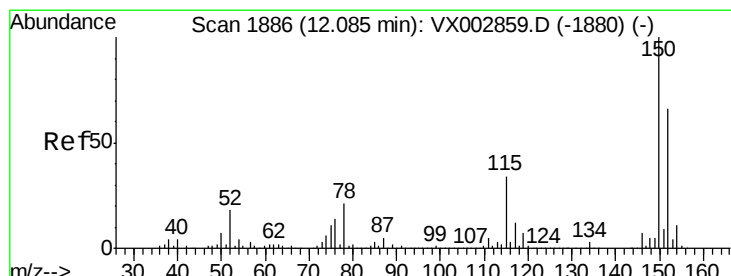
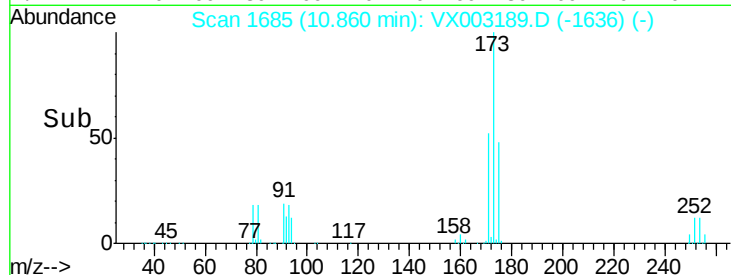
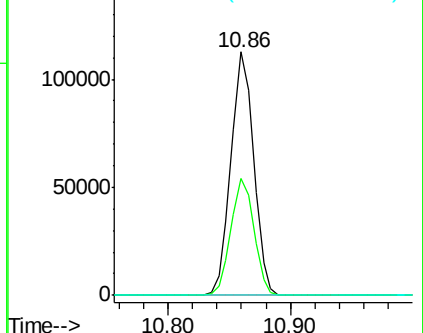
#71
 Bromoform
 Concen: 49.87 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:173 Resp: 144611
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.7 74.1
 254 0.2 0.2 0.2

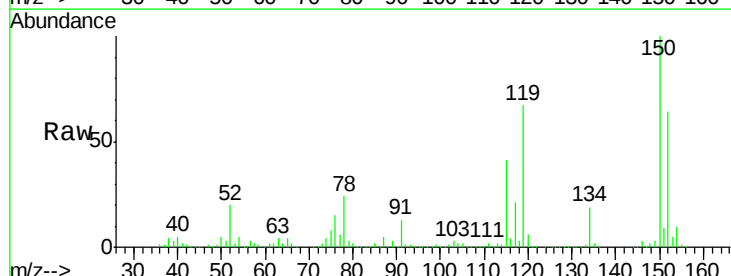


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

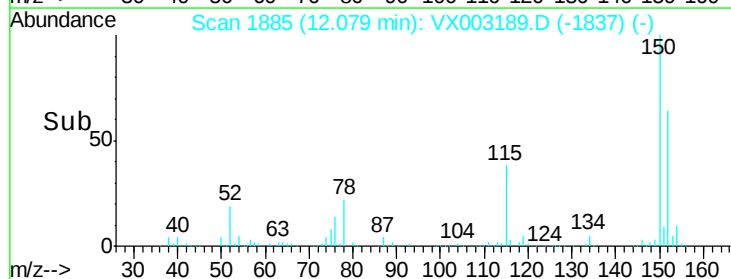
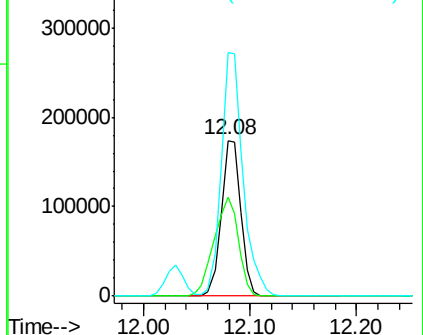


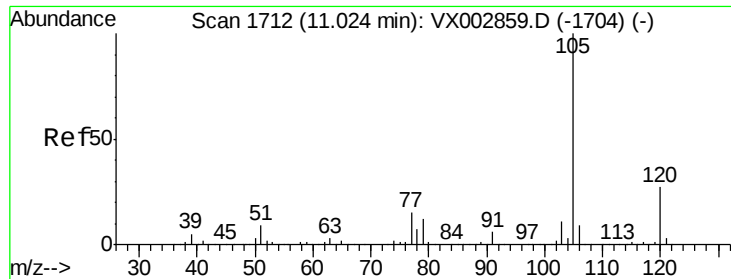
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion:152 Resp: 222286
 Ion Ratio Lower Upper
 152 100
 115 78.4 40.1 120.2
 150 174.7 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: 53.10 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

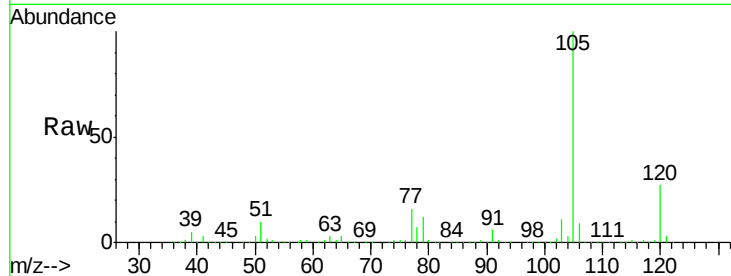
ClientSampleId :

Tot Ion:105 Resp: 793990

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

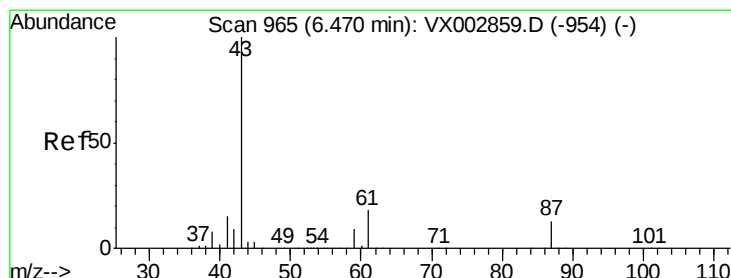
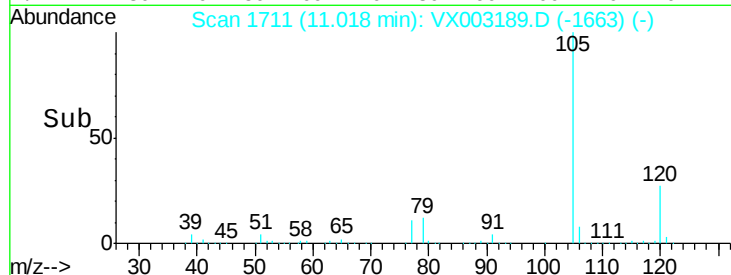
400000

200000

0

11.02

Time-->



#74

N-ethyl acetate

Concen: 50.81 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Tgt Ion: 43 Resp: 371753

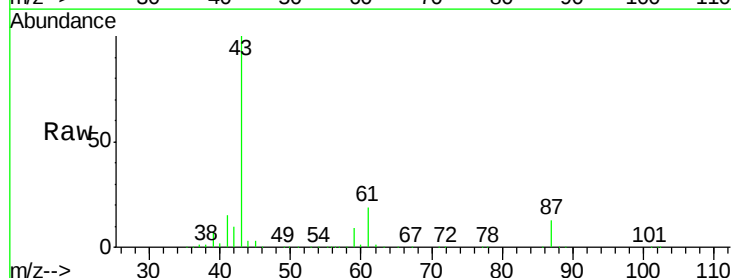
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.1 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

200000

150000

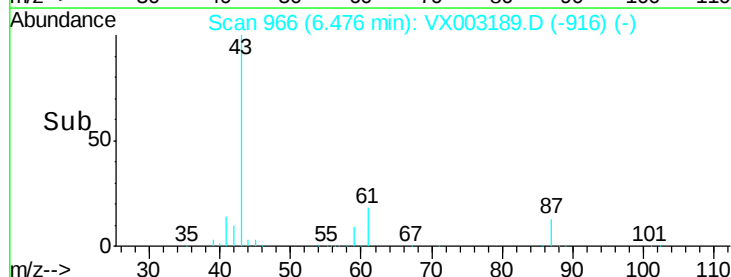
100000

50000

0

6.48

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.97 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

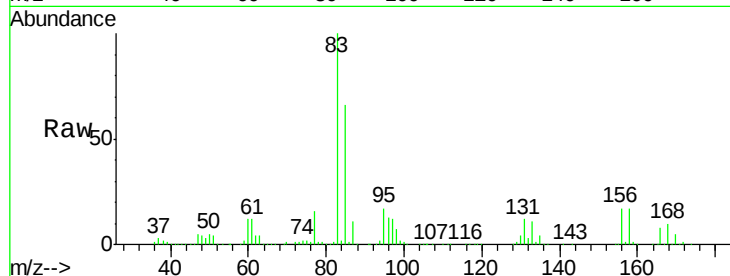
Tot Ion: 83 Resp: 239399

Ion Ratio Lower Upper

83 100

131 11.5 5.6 16.8

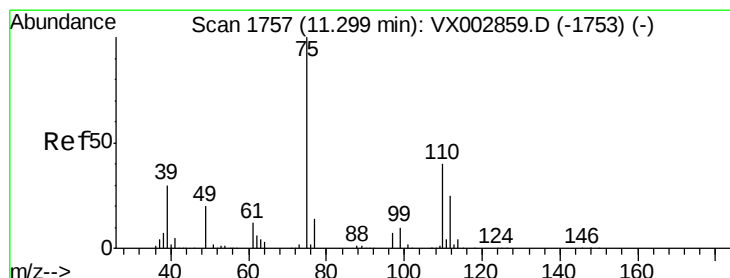
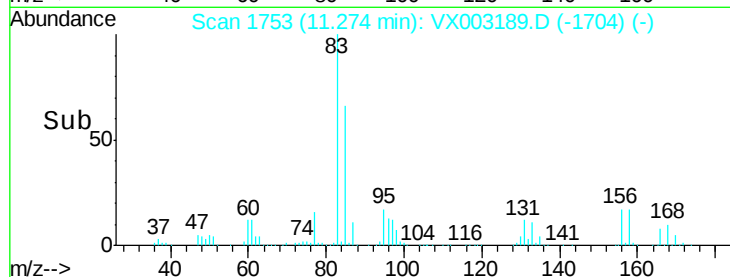
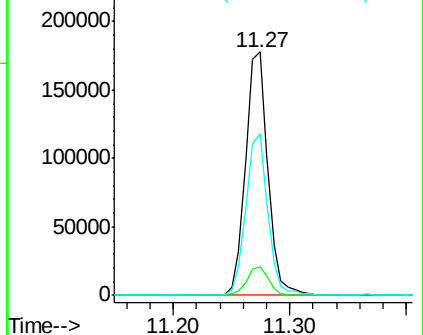
85 65.3 32.4 97.2



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: 67.83 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003189.D

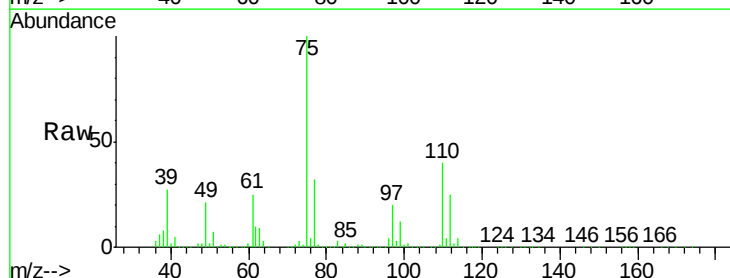
Acq: 05 Jul 2018 23:14

Tgt Ion: 75 Resp: 273121

Ion Ratio Lower Upper

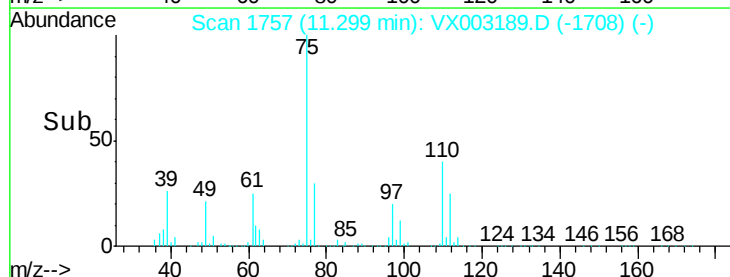
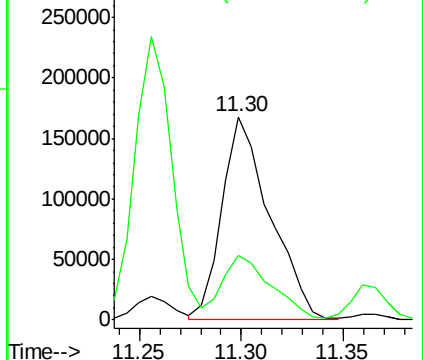
75 100

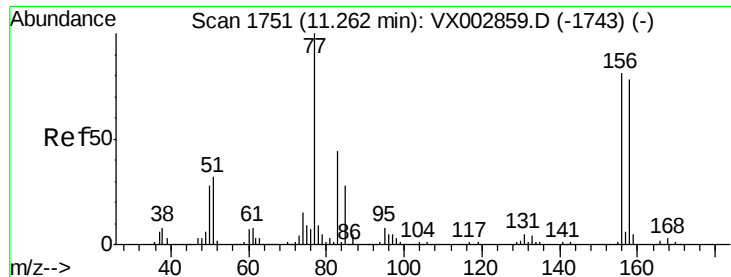
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.06 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

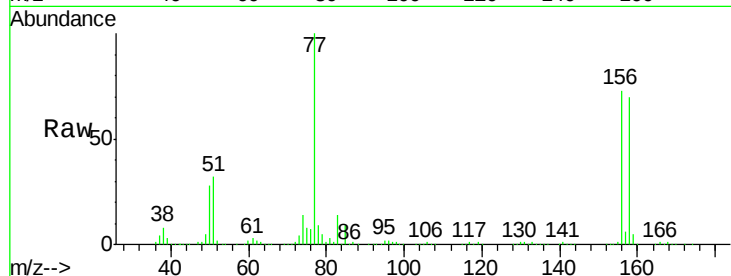
Tot Ion:156 Resp: 221716

Ion Ratio Lower Upper

156 100

77 133.8 71.4 214.2

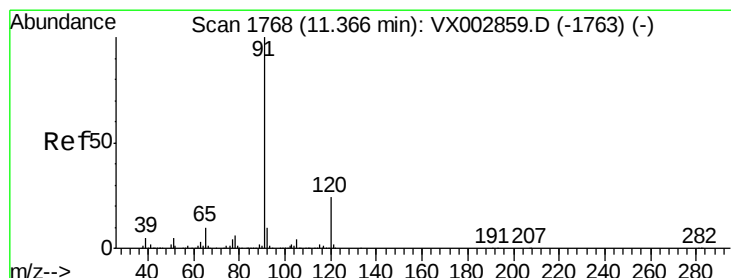
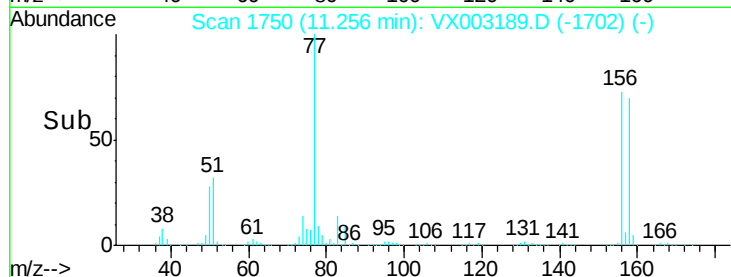
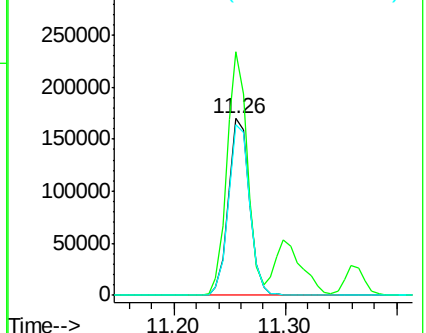
158 97.6 48.9 146.6



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: 51.82 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003189.D

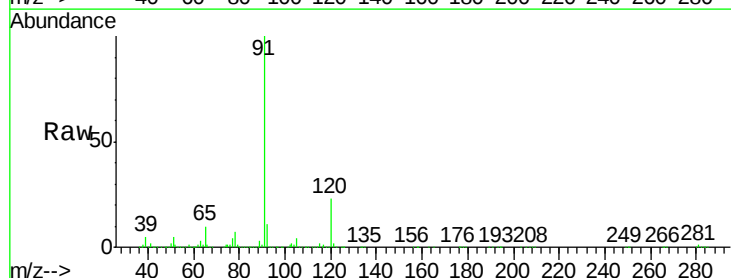
Acq: 05 Jul 2018 23:14

Tgt Ion: 91 Resp: 881987

Ion Ratio Lower Upper

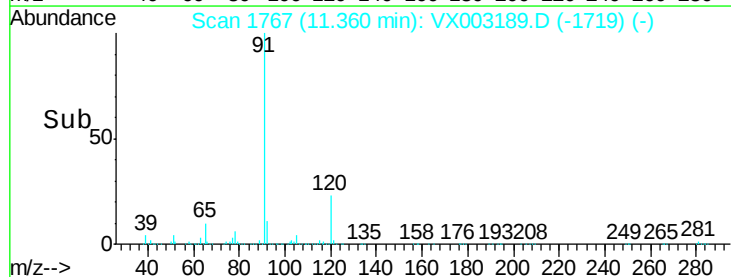
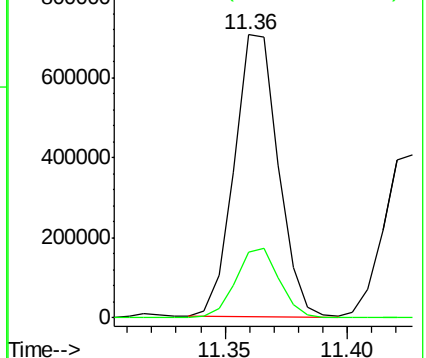
91 100

120 24.5 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: 51.27 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

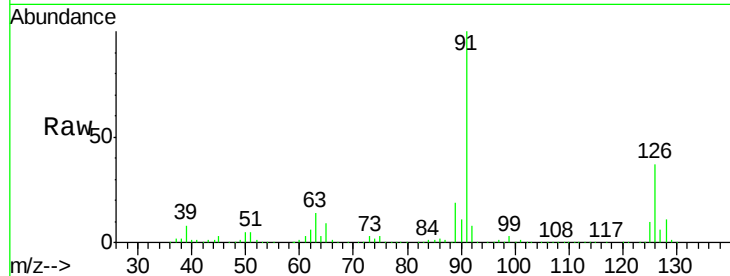
ClientSampled :

Tot Ion: 91 Resp: 528348

Ion Ratio Lower Upper

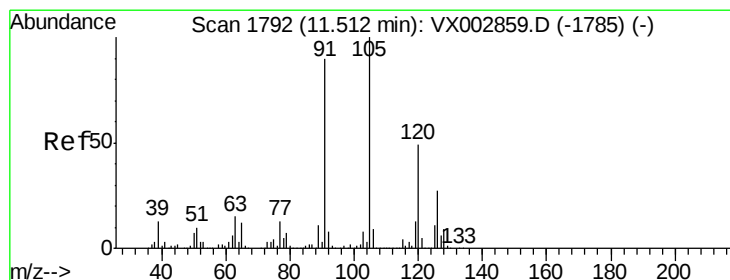
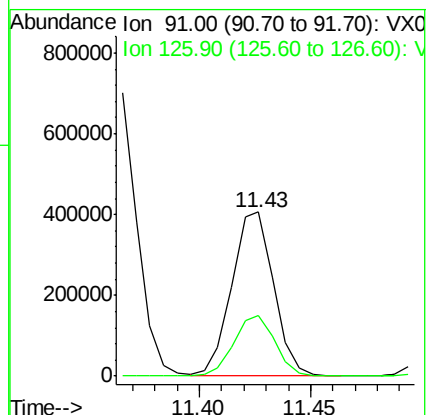
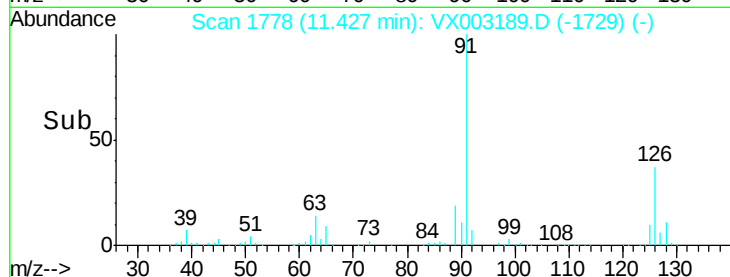
91 100

126 36.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX003189.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX003189.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.85 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003189.D

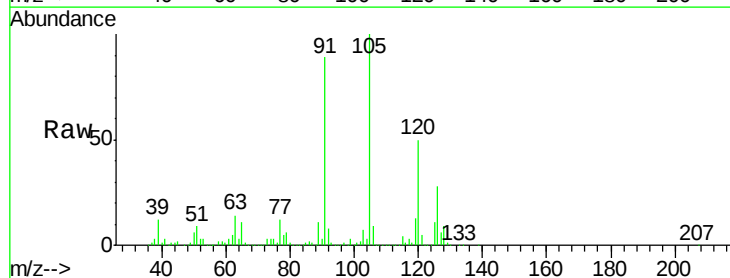
Acq: 05 Jul 2018 23:14

Tgt Ion: 105 Resp: 665605

Ion Ratio Lower Upper

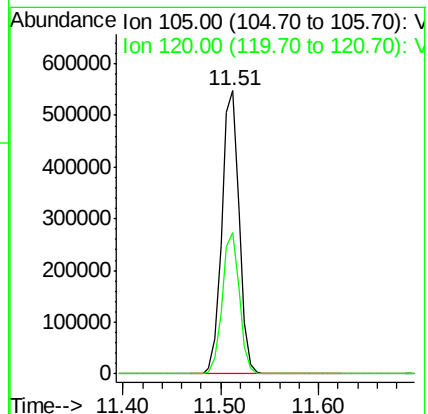
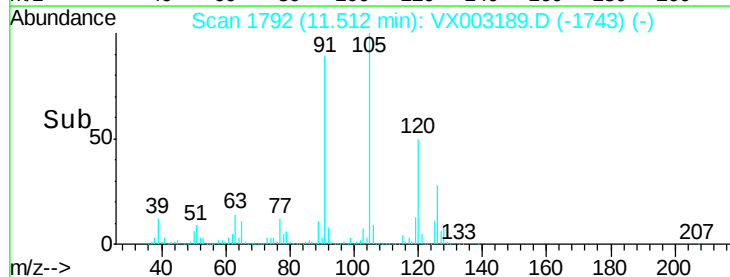
105 100

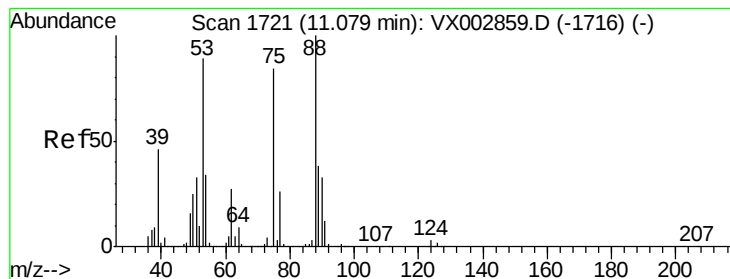
120 49.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003189.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX003189.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.23 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

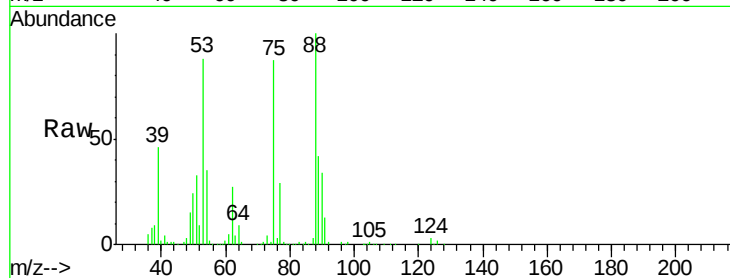
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 60798

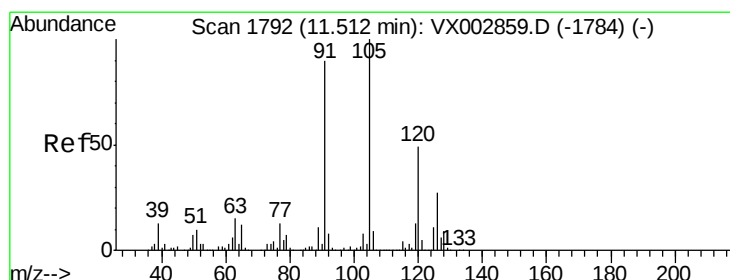
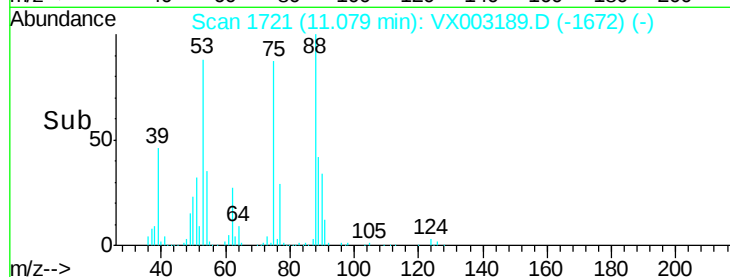
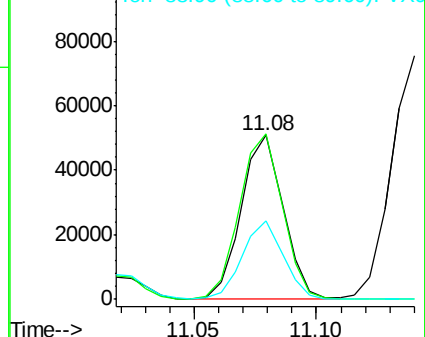
Ion	Ratio	Lower	Upper
75	100		
53	103.1	86.8	130.2
89	47.2	38.2	57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.80 ug/l

RT: 11.51 min Scan# 1792

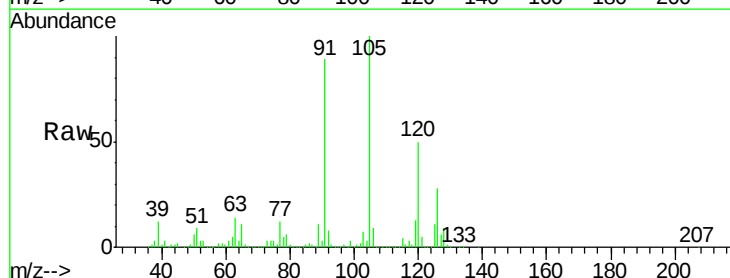
Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

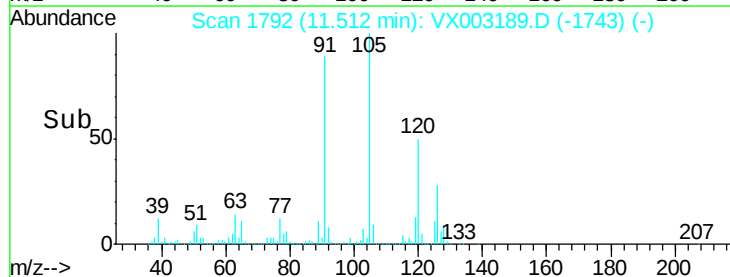
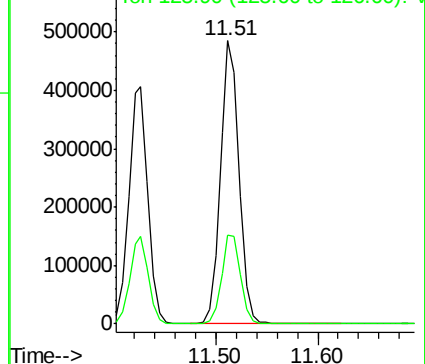
Tgt Ion: 91 Resp: 619743

Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.4	46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

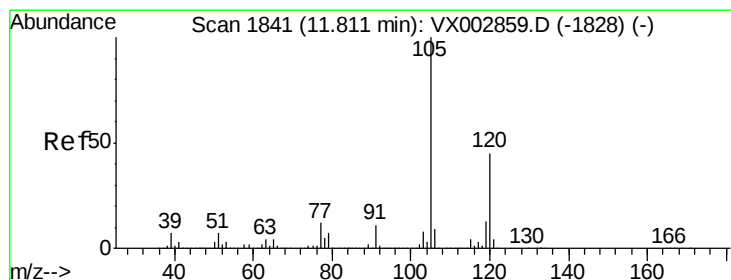
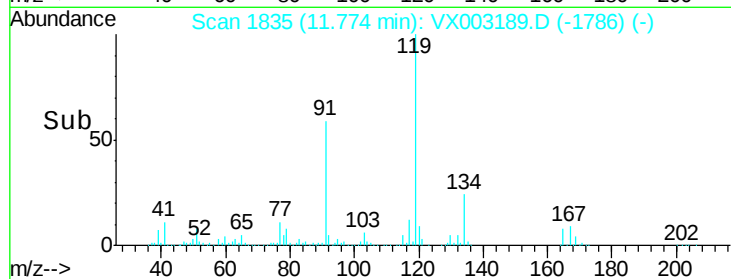
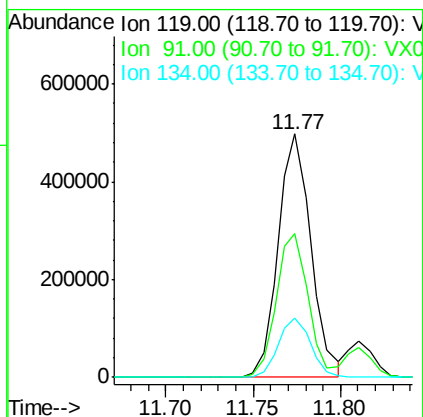
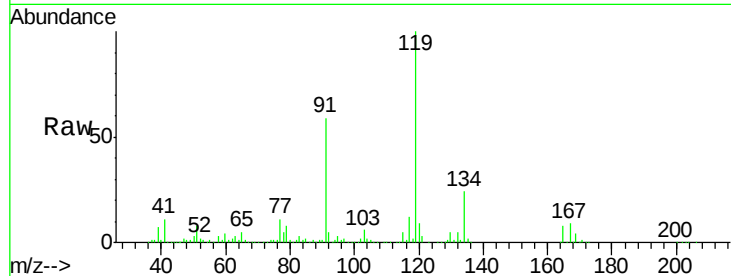




#83
 tert-Butylbenzene
 Concen: 52.50 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

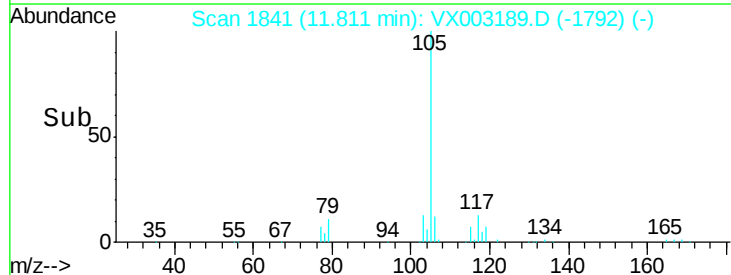
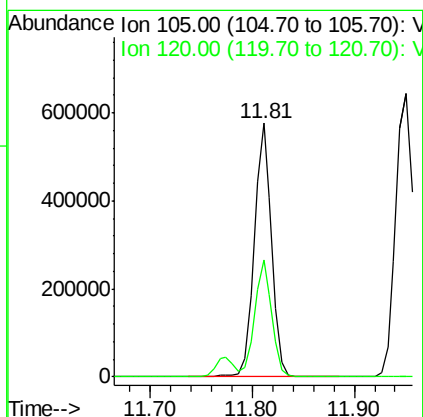
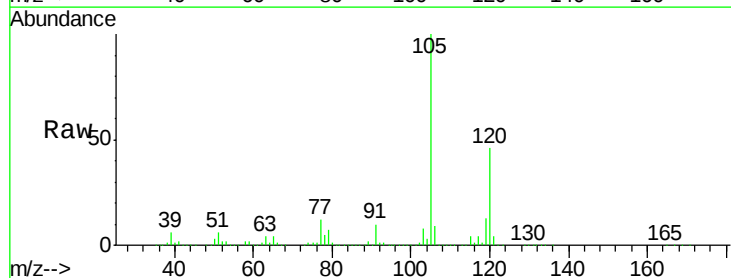
Instrument :
 MSVOA_X
 ClientSampleId :

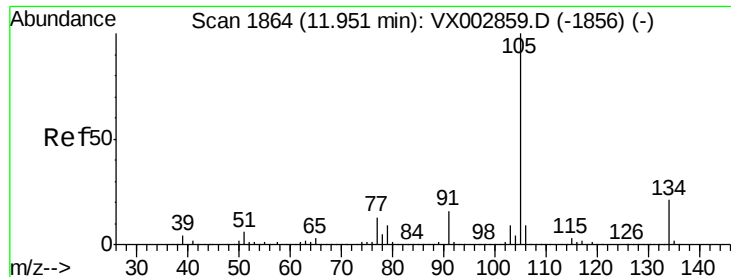
Tot Ion:119 Resp: 651716
 Ion Ratio Lower Upper
 119 100
 91 57.0 30.3 90.9
 134 23.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.33 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion:105 Resp: 682830
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.29 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

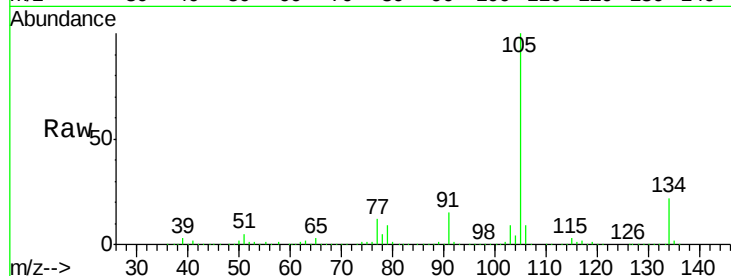
ClientSampleId :

Tot Ion:105 Resp: 787455

Ion Ratio Lower Upper

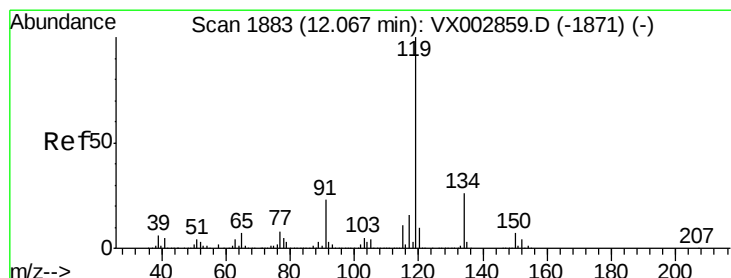
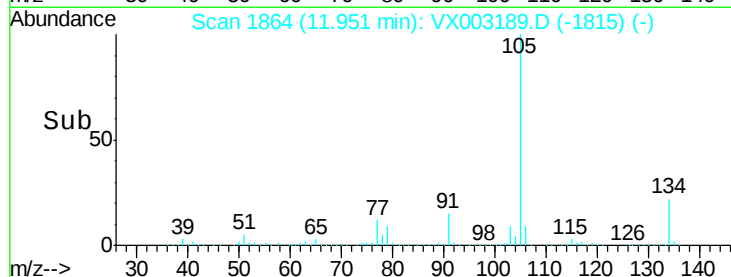
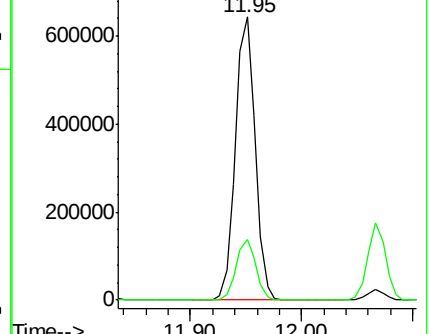
105 100

134 21.3 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: 53.39 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

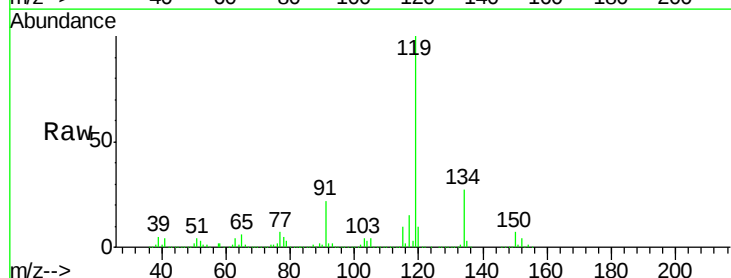
Tgt Ion:119 Resp: 722776

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

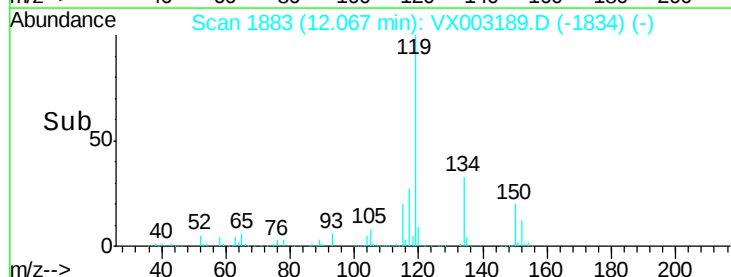
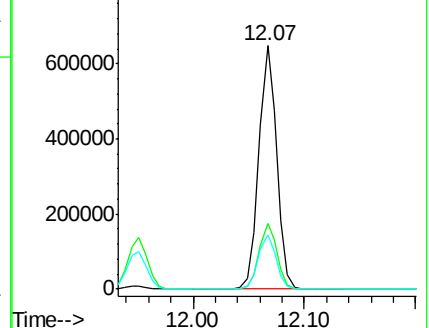
91 22.5 11.9 35.7



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: 51.88 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

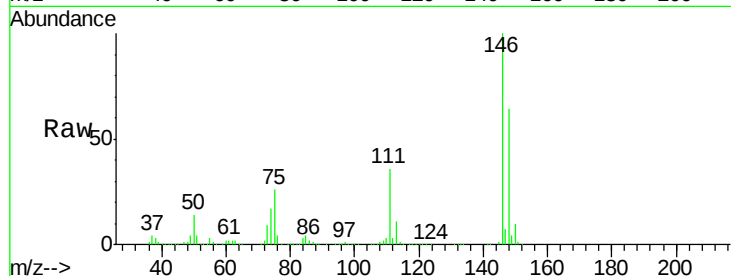
Tot Ion:146 Resp: 403510

Ion Ratio Lower Upper

146 100

111 36.5 18.9 56.7

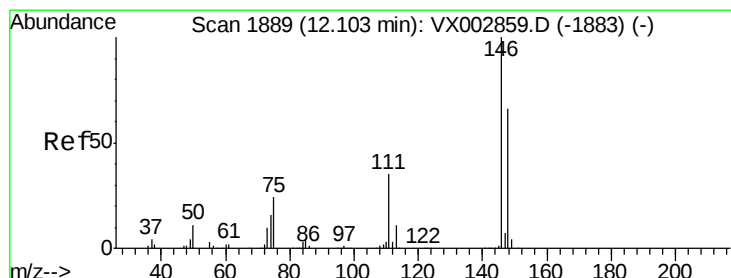
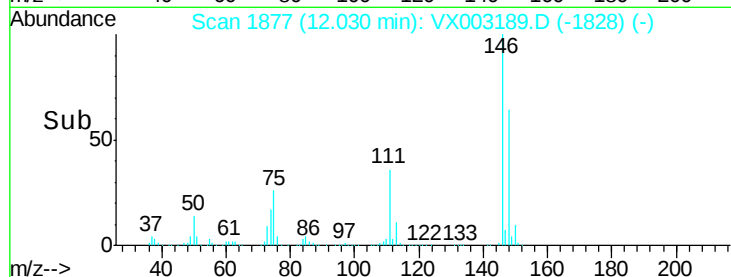
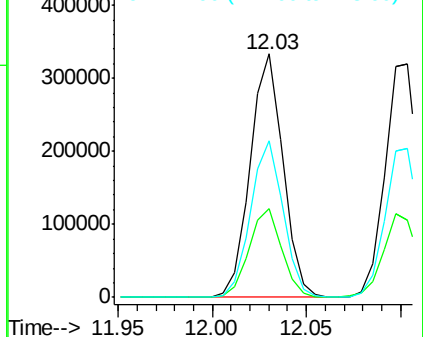
148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.04 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

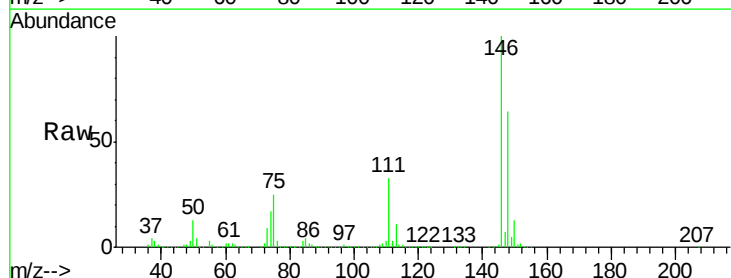
Tgt Ion:146 Resp: 408521

Ion Ratio Lower Upper

146 100

111 35.6 18.7 56.1

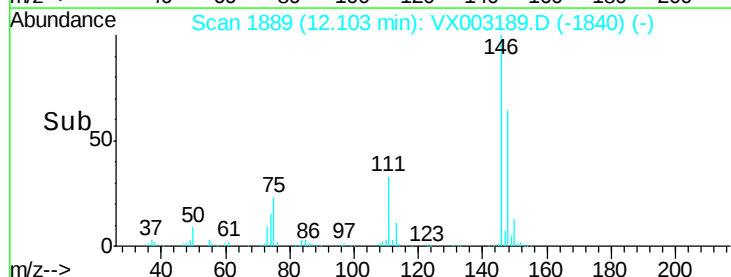
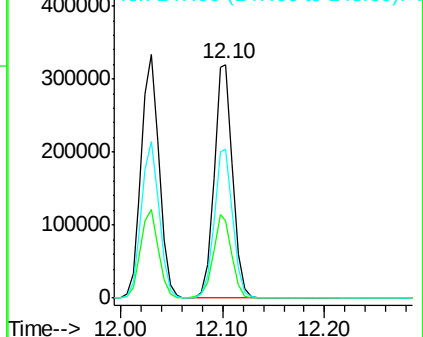
148 64.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

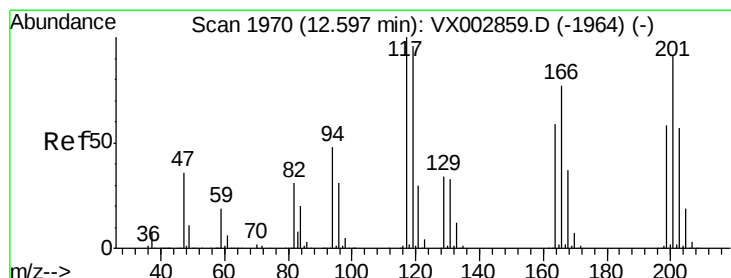
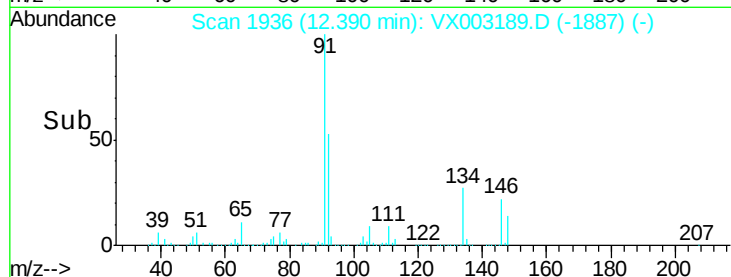
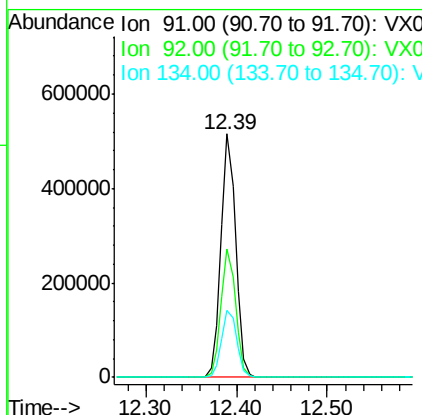
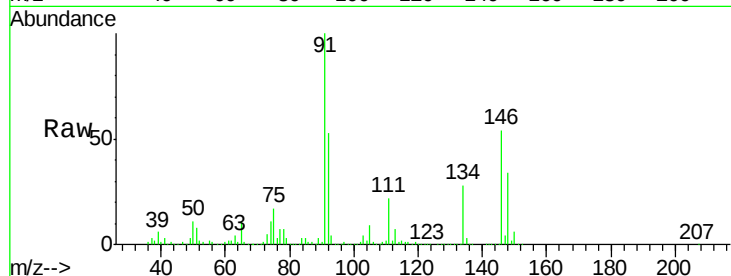




#89
n-Butylbenzene
Concen: 49.86 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

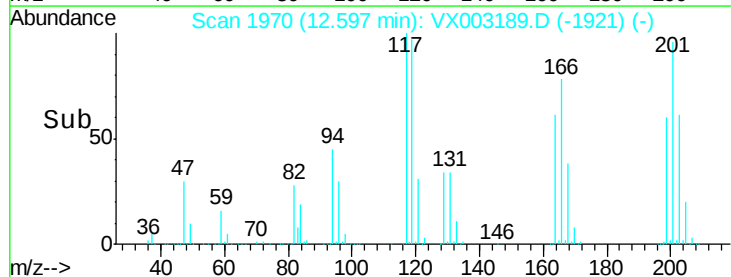
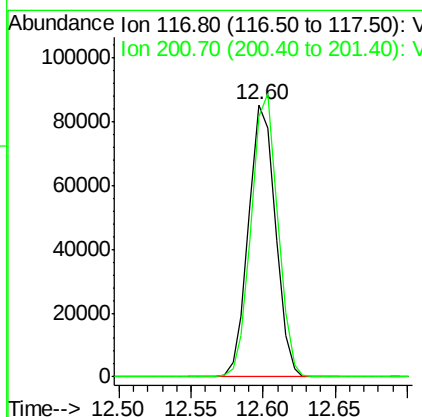
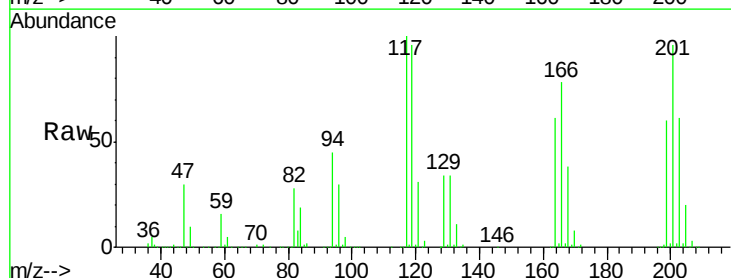
Instrument :
MSVOA_X
ClientSampleId :

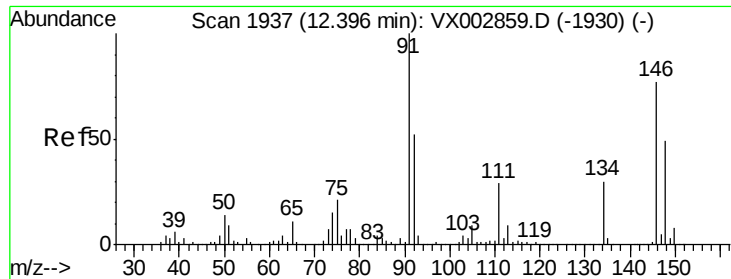
Tot Ion: 91 Resp: 587506
Ion Ratio Lower Upper
91 100
92 52.6 26.0 78.0
134 28.5 13.5 40.5



#90
Hexachloroethane
Concen: 54.56 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion: 117 Resp: 109856
Ion Ratio Lower Upper
117 100
201 102.6 49.0 147.0

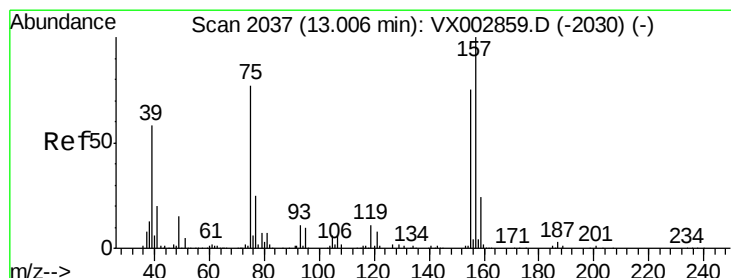
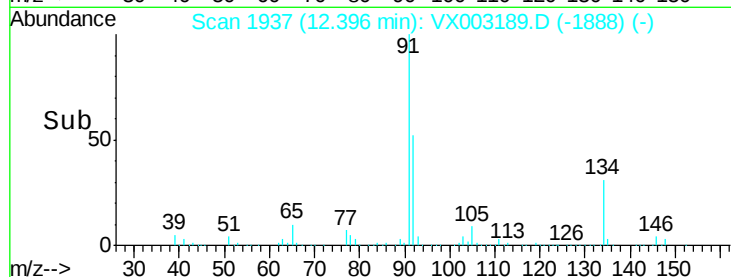
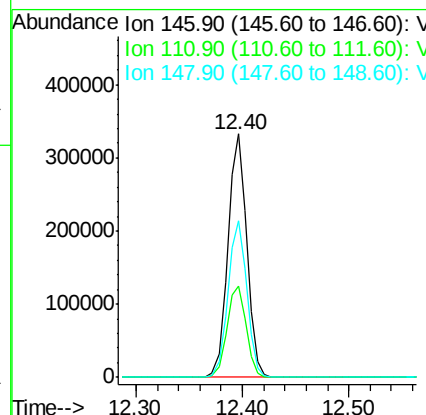
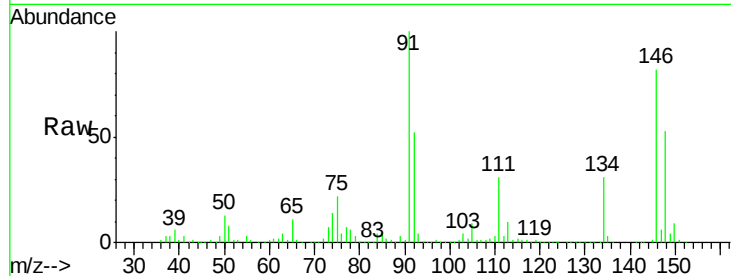




#91
 1,2-Dichlorobenzene
 Concen: 52.38 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

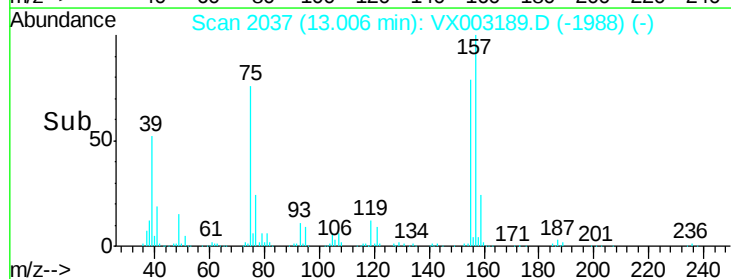
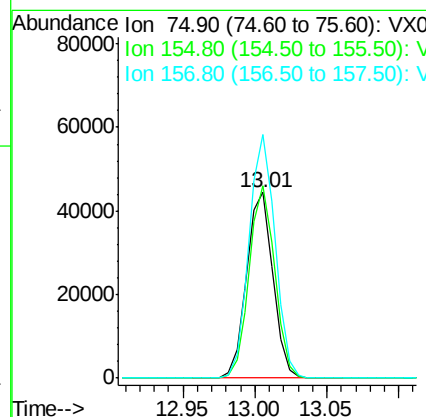
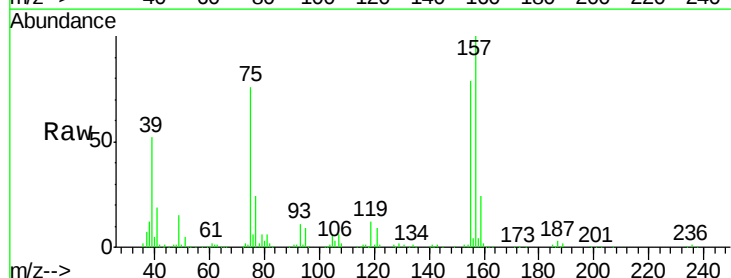
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 411205
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.1
 148 64.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.07 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion: 75 Resp: 55988
 Ion Ratio Lower Upper
 75 100
 155 100.0 45.8 137.4
 157 129.4 60.1 180.3

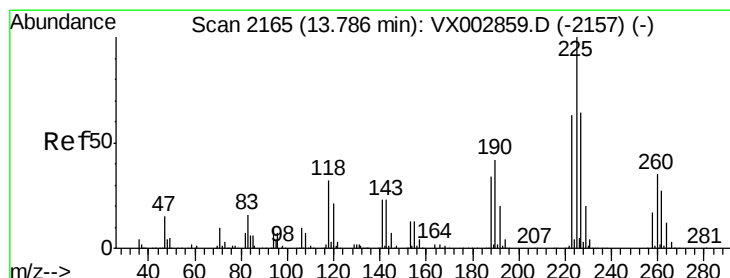
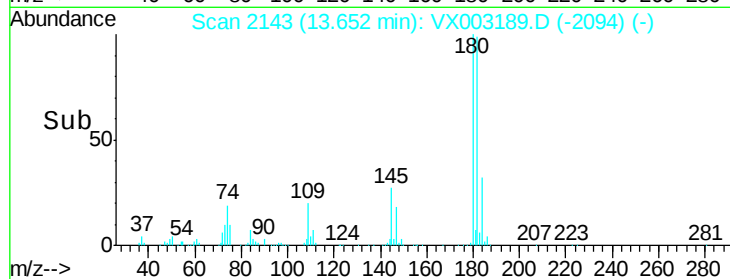
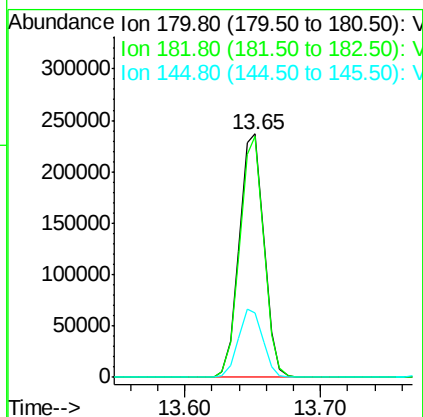
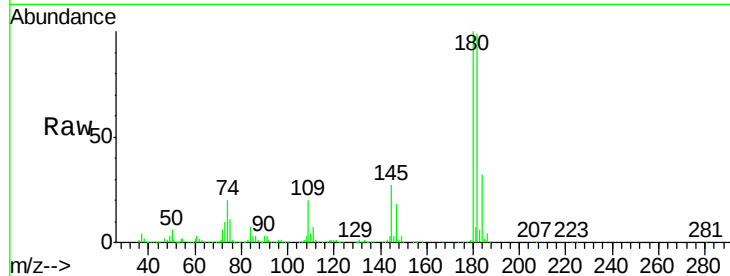




#93
 1,2,4-Trichlorobenzene
 Concen: 52.37 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

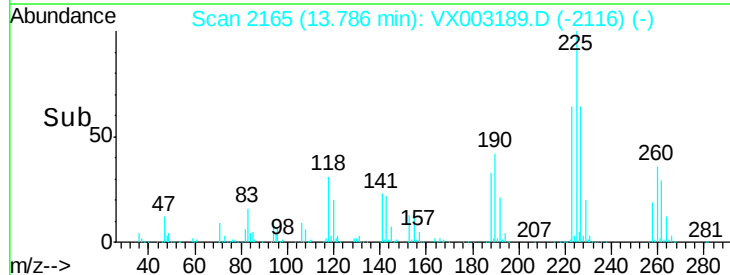
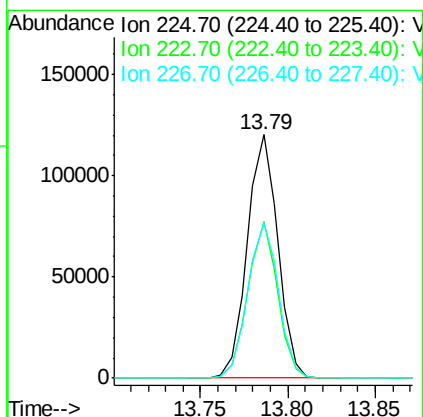
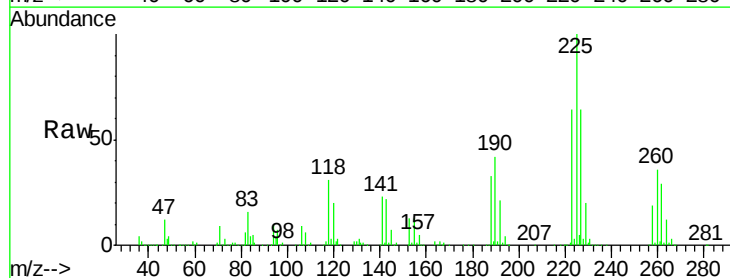
Instrument :
 MSVOA_X
 ClientSampleId :

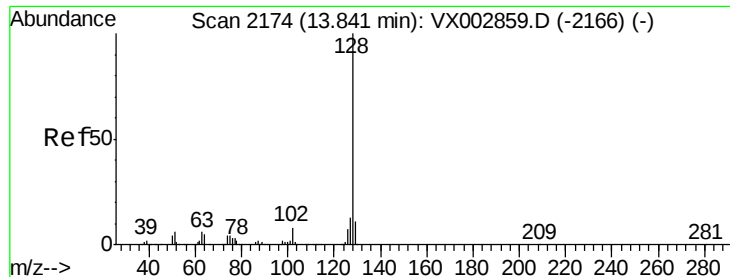
Tot Ion:180 Resp: 299181
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.7 143.1
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 50.99 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion:225 Resp: 145293
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 64.3 32.4 97.2

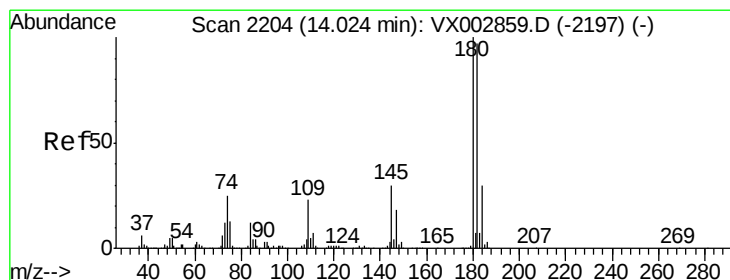
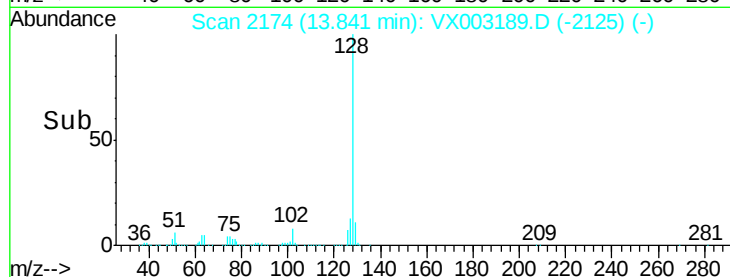
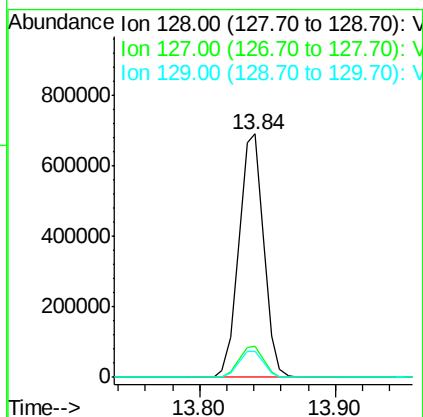
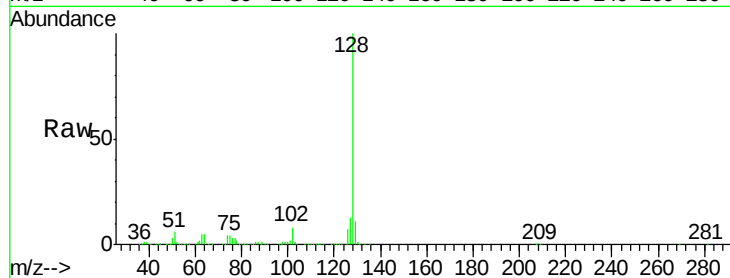




#95
Naphthalene
Concen: 57.12 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 869168
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 56.14 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion:180 Resp: 320379
Ion Ratio Lower Upper
180 100
182 95.6 48.0 144.0
145 29.1 14.8 44.3

