

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002681.D
 Acq On : 18 Jun 2018 14:29
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 18 15:01:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 14:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	44293	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	250790	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	238515	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	101572	29.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.13%
60) 4-Bromofluorobenzene	11.14	95	122050	29.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.63%
63) Toluene-d8	8.72	98	307958	28.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	301915	128.395	ug/l 100
3) Chloromethane	1.32	50	319710	114.298	ug/l 99
4) Vinyl Chloride	1.41	62	371285	133.433	ug/l 100
5) Bromomethane	1.64	94	211113	135.422	ug/l 100
6) Chloroethane	1.71	64	254504	154.606	ug/l 96
7) Trichlorofluoromethane	1.92	101	668839	157.596	ug/l 100
8) Diethyl Ether	2.19	74	244545	153.102	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	383587	167.833	ug/l 98
10) 1,1-Dichloroethene	2.37	96	339961	154.275	ug/l 99
11) Methyl Iodide	2.51	142	510056	147.329	ug/l 99
12) Methyl Acetate	2.78	43	567519	158.879	ug/l 100
13) Acrolein	2.30	56	171381	563.544	ug/l 98
14) Acrylonitrile	3.16	53	1053076	716.601	ug/l 99
15) Acetone	2.46	58	275448	703.107	ug/l 96
16) Carbon Disulfide	2.56	76	879887	139.826	ug/l 100
17) Allyl chloride	2.73	41	688788	151.435	ug/l 96
18) Methylene Chloride	2.86	84	387633	156.506	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	367084	157.549	ug/l 99
20) Diisopropyl ether	3.88	45	1276456	146.983	ug/l 97
21) 1,1-Dichloroethane	3.70	63	662592	143.337	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	401258	144.447	ug/l # 74
23) tert-Butyl Alcohol	3.10	59	448563	588.496	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	1293658	150.397	ug/l 99
25) Chloroform	5.22	83	700193	144.060	ug/l 100
26) Cyclohexane	5.57	56	584855	137.471	ug/l # 95
29) 1,1-Dichloropropene	5.80	75	506734	144.417	ug/l 98
30) 2-Butanone	4.72	43	1422148	581.075	ug/l 97
31) 2,2-Dichloropropane	4.59	77	539031	174.800	ug/l 99
32) 1,1,1-Trichloroethane	5.50	97	629258	137.313	ug/l 99
33) Carbon Tetrachloride	5.79	117	573394	137.691	ug/l 96
34) Benzene	6.15	78	1491485	140.770	ug/l 99
35) Methacrylonitrile	5.07	41	325503	120.104	ug/l 97
36) 1,2-Dichloroethane	6.20	62	580212	140.554	ug/l 99
37) Trichloroethene	7.22	130	439092	146.091	ug/l 88
38) Methylcyclohexane	7.46	83	619162	151.242	ug/l 97
39) 1,2-Dichloropropane	7.52	63	390794	136.412	ug/l 97
40) Dibromomethane	7.67	93	274298	142.714	ug/l 97

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Instrument :
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Quant Time: Jun 18 15:01:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 14:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	543822	136.383	ug/l	98
42) Vinyl Acetate	3.83	43	5444119	703.103	ug/l	99
43) Ethyl Acetate	4.87	43	567846	118.205	ug/l	98
44) Isopropyl Acetate	6.48	43	969159	121.321	ug/l	100
45) 1,4-Dioxane	7.76	88	180662	2377.283	ug/l #	85
46) Methyl methacrylate	7.79	41	496980	122.854	ug/l	96
47) n-amyl Acetate	10.90	43	985823	134.142	ug/l #	91
48) t-1,3-Dichloropropene	8.44	75	647079	144.409	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	625827	144.273	ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	411201	149.024	ug/l	97
51) Ethyl methacrylate	9.19	69	649066	135.791	ug/l	96
52) 1,3-Dichloropropane	9.38	76	665482	142.977	ug/l	99
53) Dibromochloromethane	9.59	129	478126	141.837	ug/l	100
54) 1,2-Dibromoethane	9.68	107	438632	146.830	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	1519378	677.222	ug/l	99
56) Bromoform	10.86	173	408417	137.782	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	3130163	603.056	ug/l	98
59) 2-Hexanone	9.51	43	2396388	594.975	ug/l	99
61) Tetrachloroethene	9.34	164	481391	132.326	ug/l	99
62) Toluene	8.79	91	1726660	141.753	ug/l	98
64) Chlorobenzene	10.14	112	1153805	146.354	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	447170	139.380	ug/l	100
66) Ethyl Benzene	10.26	91	1984363	144.949	ug/l	100
67) m/p-Xylenes	10.37	106	1556594	299.512	ug/l	99
68) o-Xylene	10.70	106	765427	147.049	ug/l	97
69) Styrene	10.72	104	1316428	150.652	ug/l	99
70) Isopropylbenzene	11.02	105	2120227	152.162	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	637852	146.046	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	754624	183.446	ug/l	92
73) Bromobenzene	11.26	156	587881	157.074	ug/l	93
74) n-propylbenzene	11.37	91	2438532	156.776	ug/l	98
75) 2-Chlorotoluene	11.43	91	1418206	147.841	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	1821463	153.743	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	201987	135.532	ug/l	93
78) 4-Chlorotoluene	11.51	91	1718606	157.533	ug/l	98
79) tert-butylbenzene	12.07	119	2016911	162.356	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	1842425	153.827	ug/l	99
81) sec-Butylbenzene	11.95	105	2206862	158.918	ug/l	99
82) p-Isopropyltoluene	12.07	119	2016911	162.356	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	1091273	164.549	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	1104013	167.247	ug/l	99
85) n-Butylbenzene	12.39	91	1823176	174.996	ug/l	99
86) Hexachloroethane	12.60	117	339597	137.374	ug/l	95
87) 1,2-Dichlorobenzene	12.40	146	1101548	161.264	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	152531	119.913	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	848095	174.816	ug/l	100
90) Hexachlorobutadiene	13.79	225	434475	168.367	ug/l	99
91) Naphthalene	13.84	128	2259779	147.626	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	839958	165.785	ug/l	99

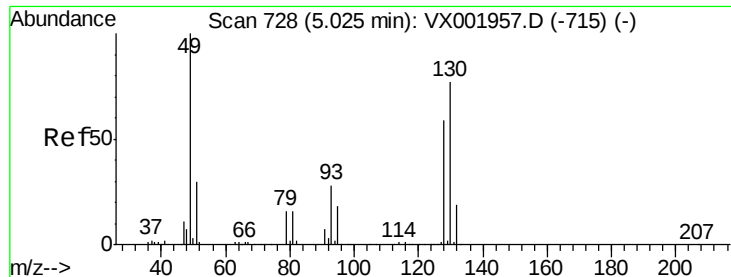
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
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ClientSampleId :

Quant Time: Jun 18 15:01:45 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 14:58:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

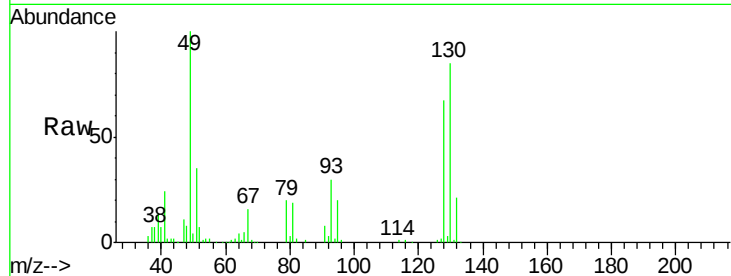


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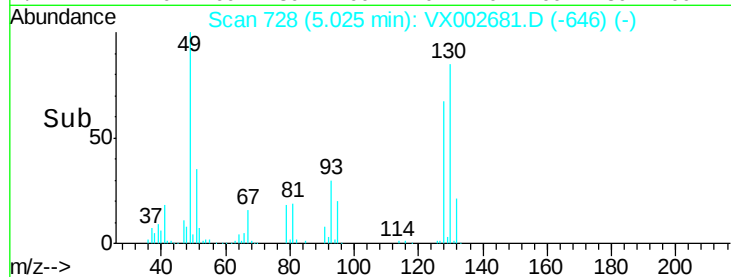
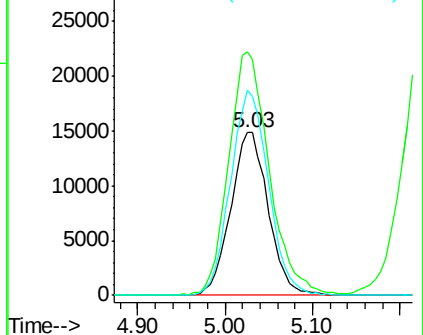
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 44293
Ion Ratio Lower Upper
128 100
49 162.1 0.0 423.0
130 127.4 0.0 324.3



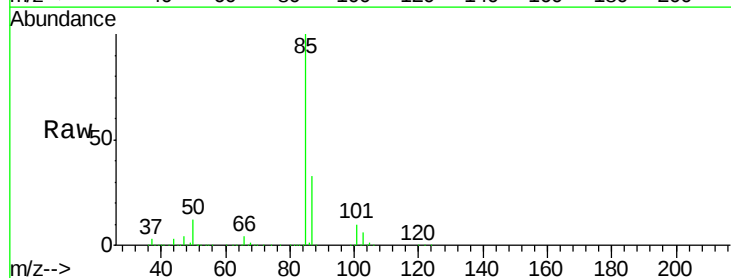
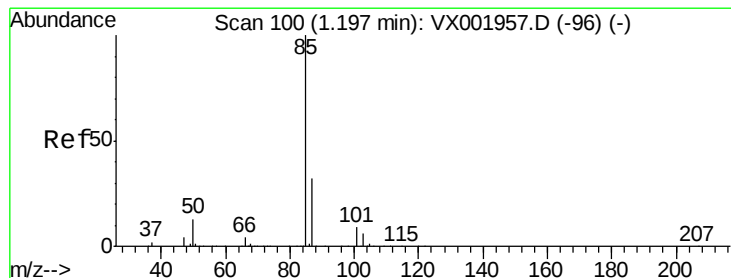
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



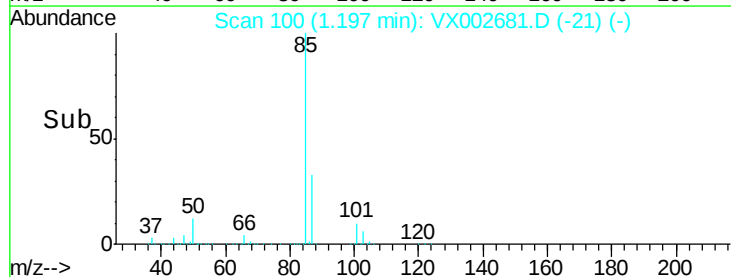
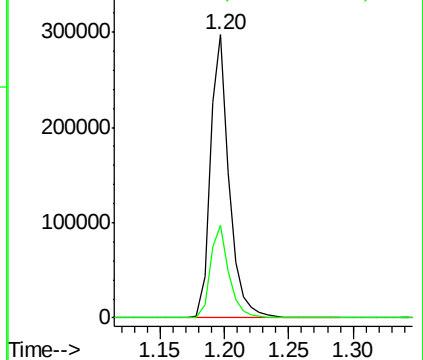
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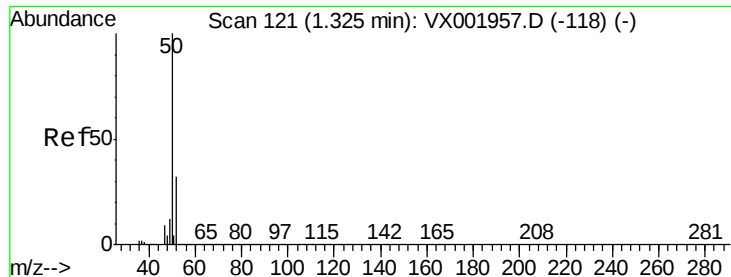
Dichlorodifluoromethane
Concen: 128.395 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Tgt Ion: 85 Resp: 301915
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 114.298 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

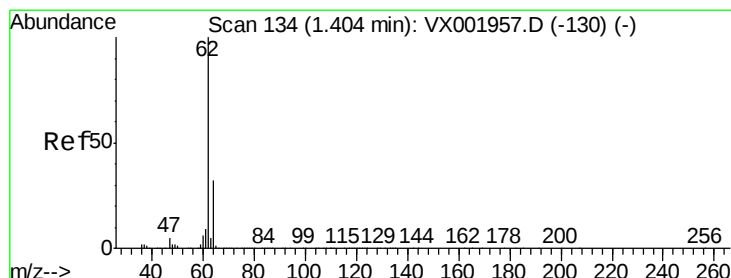
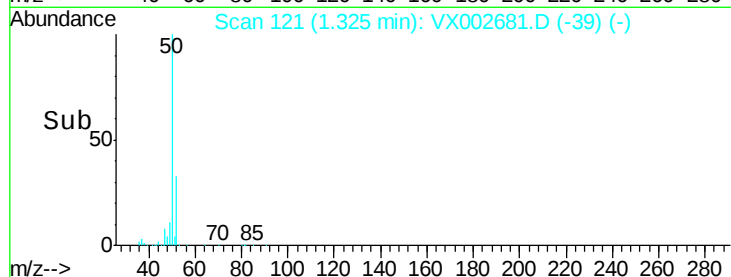
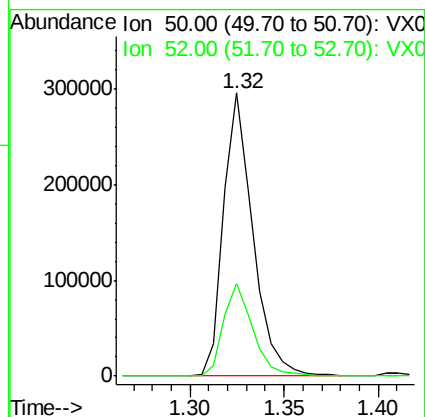
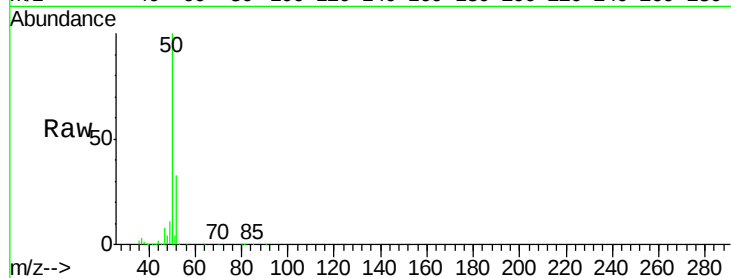
ClientSampleId :

Tot Ion: 50 Resp: 319710

Ion Ratio Lower Upper

50 100

52 32.8 25.6 38.4



#4

Vinyl Chloride

Concen: 133.433 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX002681.D

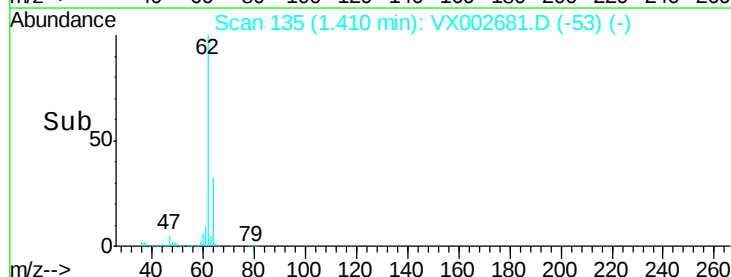
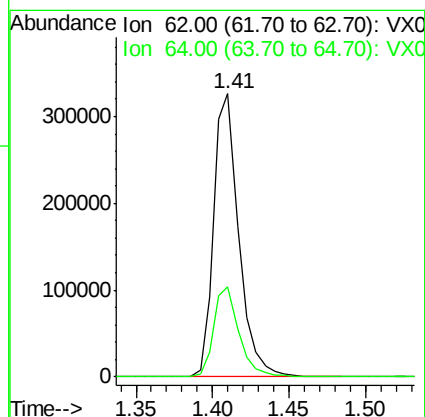
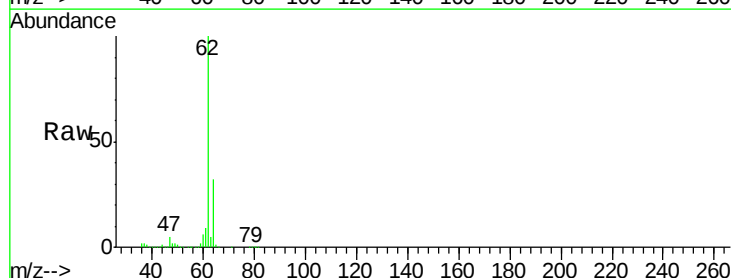
Acq: 18 Jun 2018 14:29

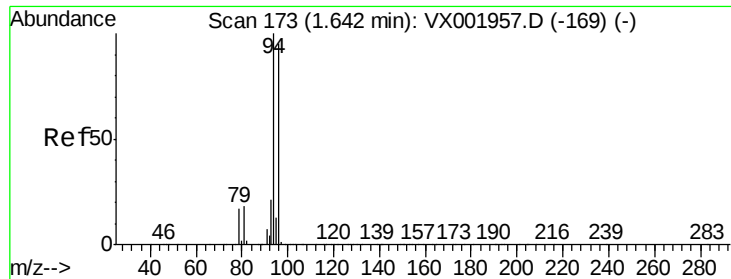
Tgt Ion: 62 Resp: 371285

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 135.422 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

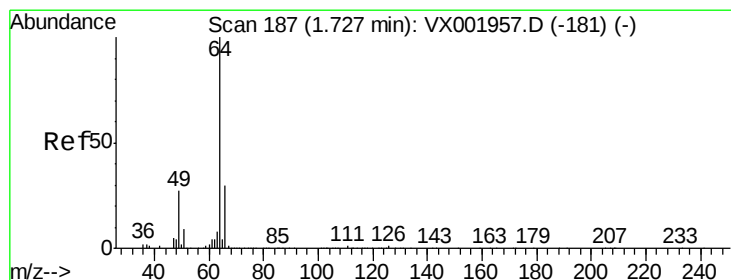
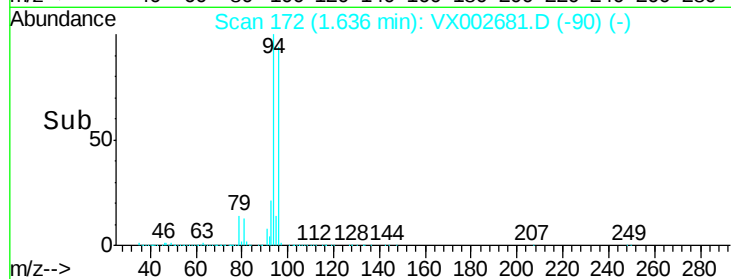
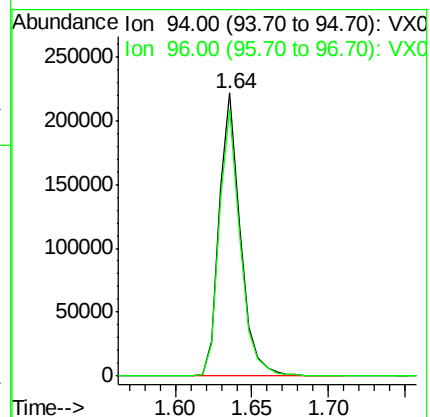
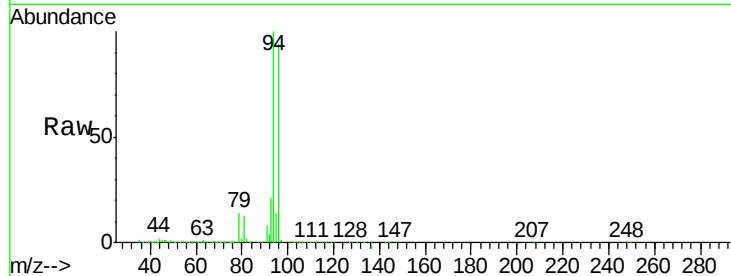
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 211113

Ion Ratio Lower Upper

94 100

96 94.2 75.7 113.5



#6

Chloroethane

Concen: 154.606 ug/l

RT: 1.71 min Scan# 184

Delta R.T. 0.00 min

Lab File: VX002681.D

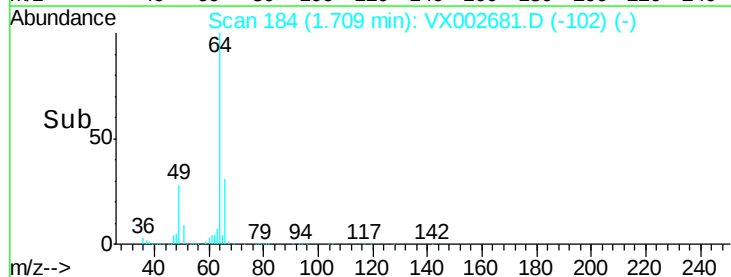
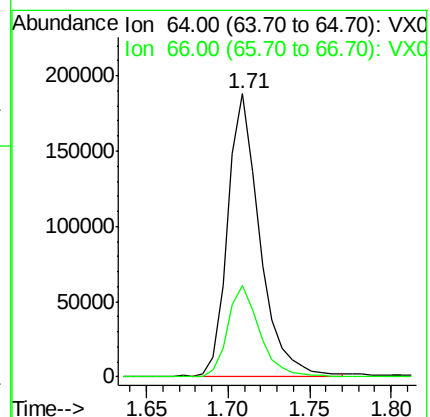
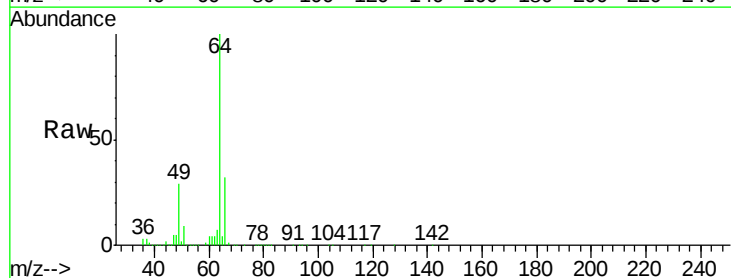
Acq: 18 Jun 2018 14:29

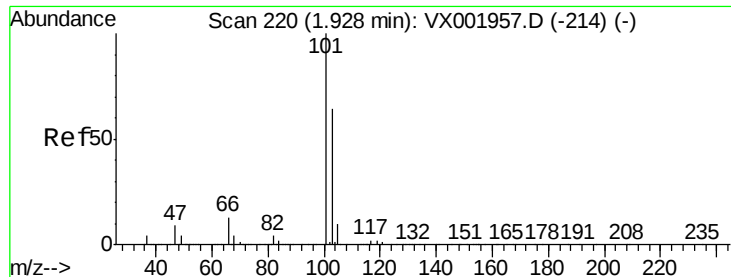
Tgt Ion: 64 Resp: 254504

Ion Ratio Lower Upper

64 100

66 32.4 24.3 36.5



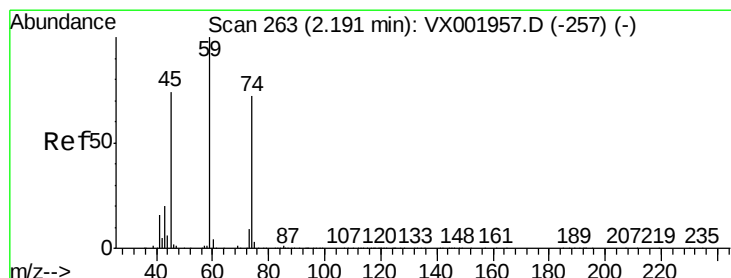
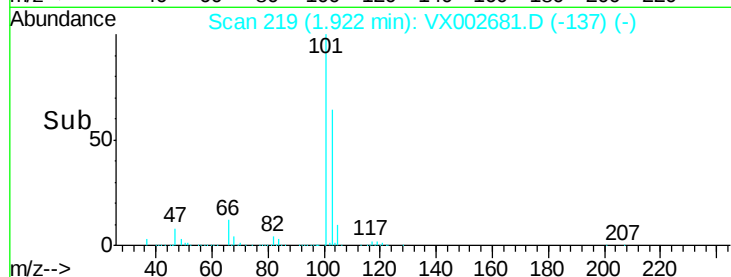
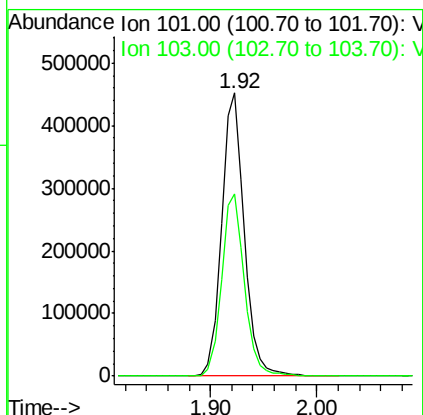
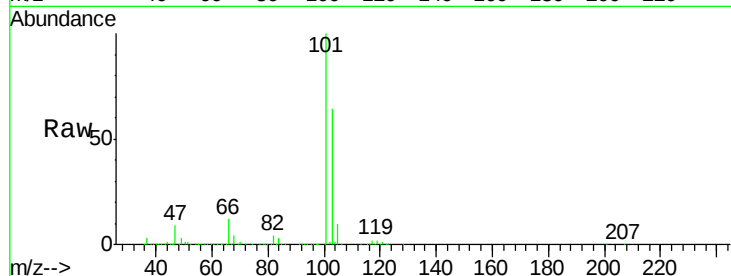


#7

Trichlorofluoromethane
Concen: 157.596 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Instrument :
MSVOA_X
ClientSampled :

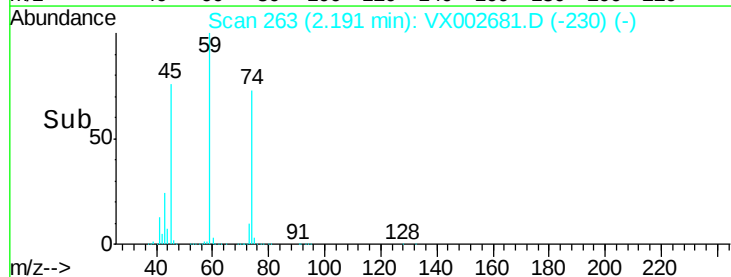
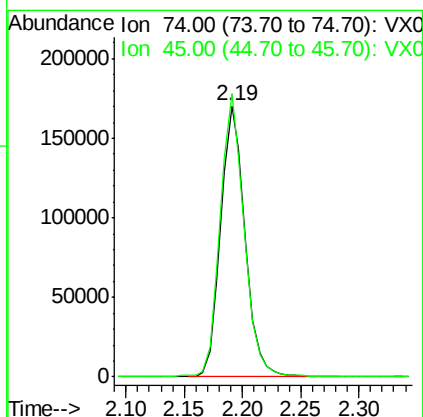
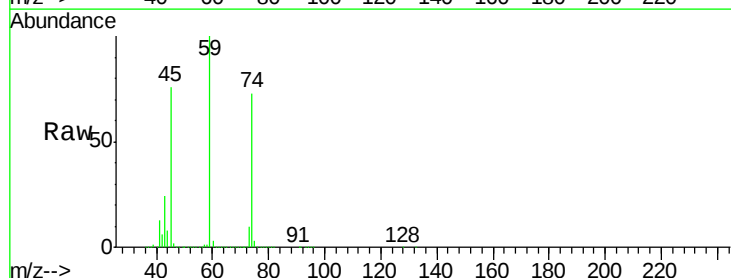
Tot Ion:101 Resp: 668839
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

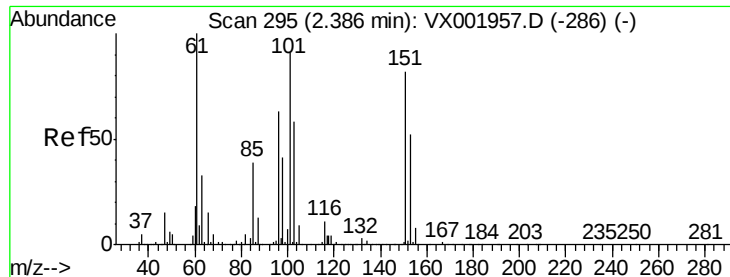


#8

Diethyl Ether
Concen: 153.102 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Tgt Ion: 74 Resp: 244545
Ion Ratio Lower Upper
74 100
45 102.9 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 167.833 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX002681.D

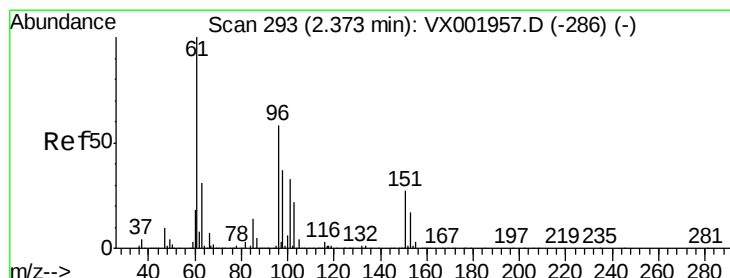
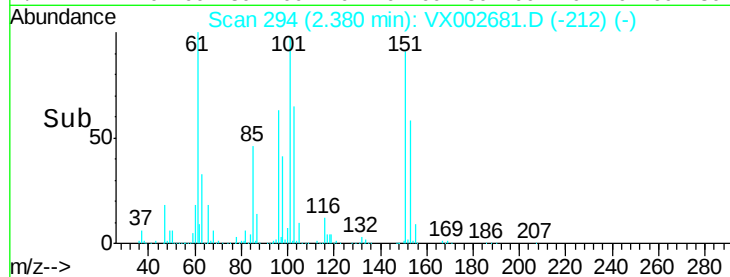
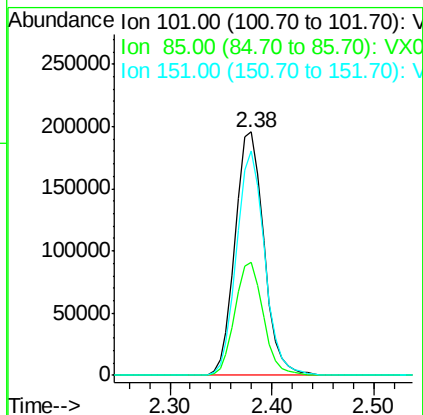
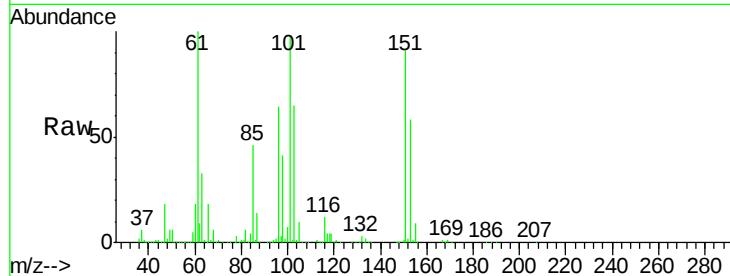
Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	101	Resp:	383587
Ion	Ratio	Lower	Upper
101	100		
85	45.7	0.0	87.0
151	89.8	0.0	177.6



#10

1,1-Dichloroethene

Concen: 154.275 ug/l

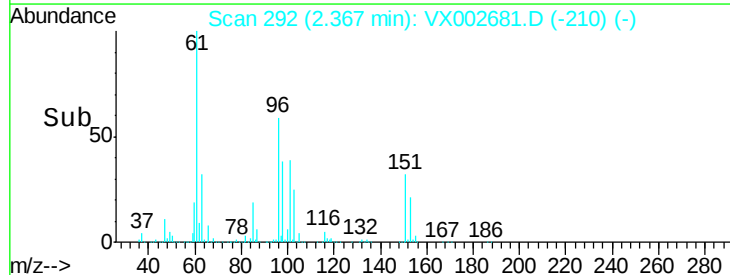
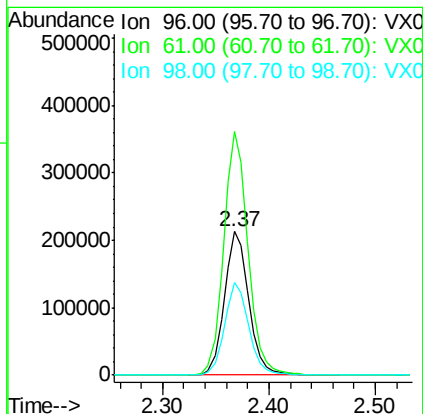
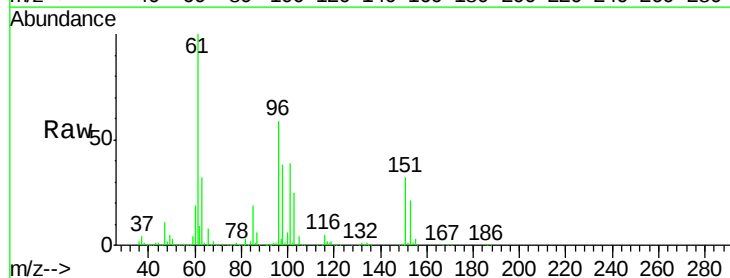
RT: 2.37 min Scan# 292

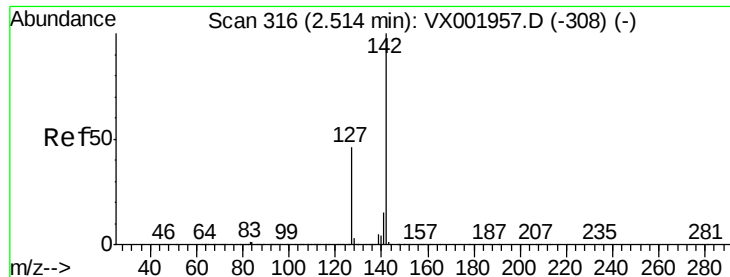
Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Tgt Ion:	96	Resp:	339961
Ion	Ratio	Lower	Upper
96	100		
61	170.0	137.5	206.3
98	64.3	51.4	77.2

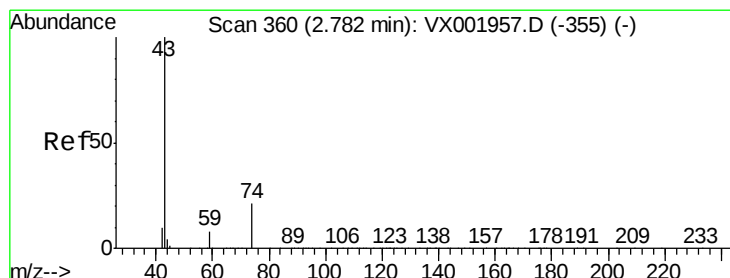
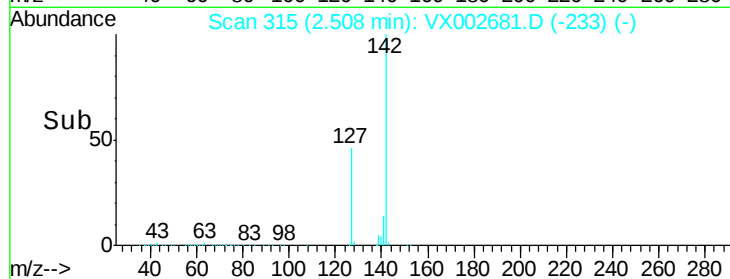
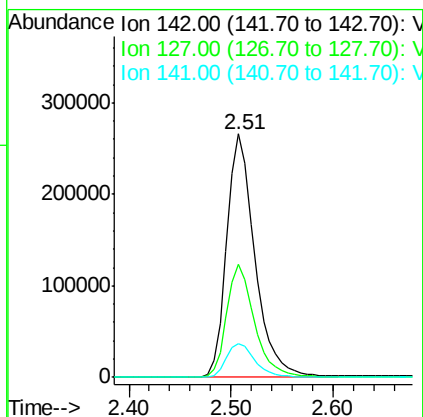
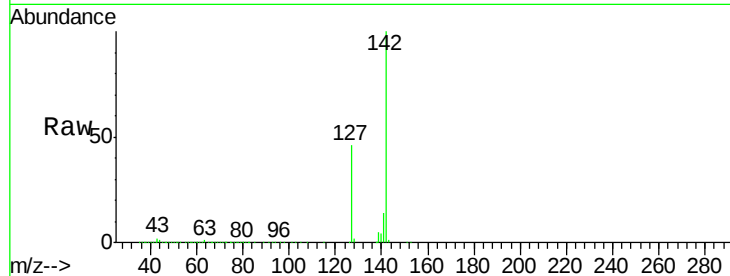




#11
Methyl Iodide
Concen: 147.329 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

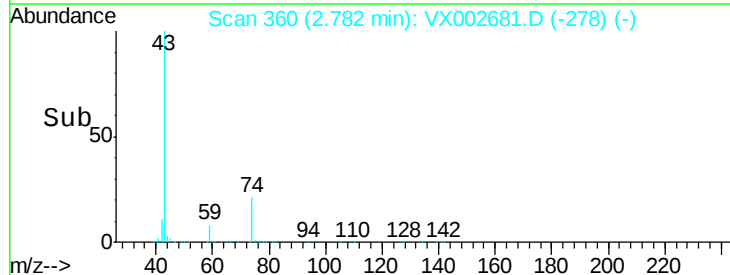
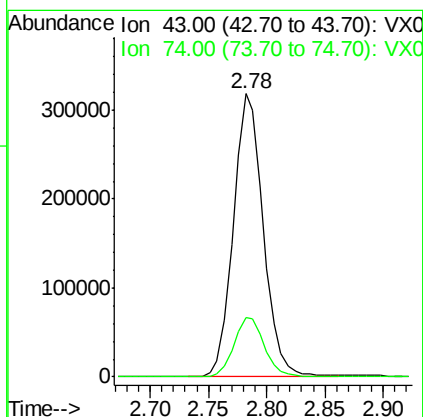
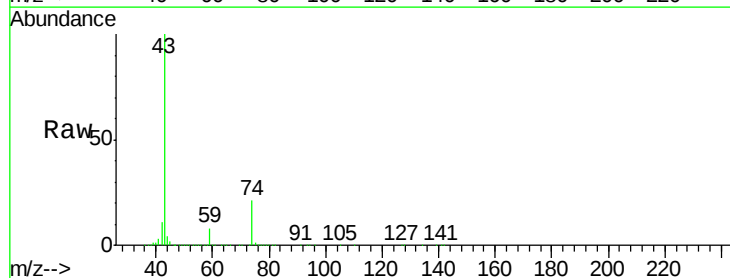
Instrument :
MSVOA_X
ClientSampleId :

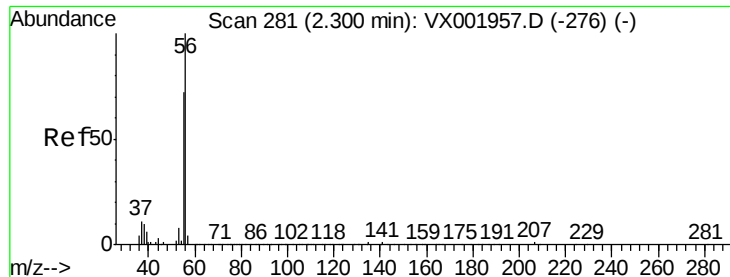
Tot Ion	Ratio	Lower	Upper
142	100		
127	46.2	23.2	69.6
141	14.0	7.4	22.2



#12
Methyl Acetate
Concen: 158.879 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.4	24.6





#13

Acrolein

Concen: 563.544 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

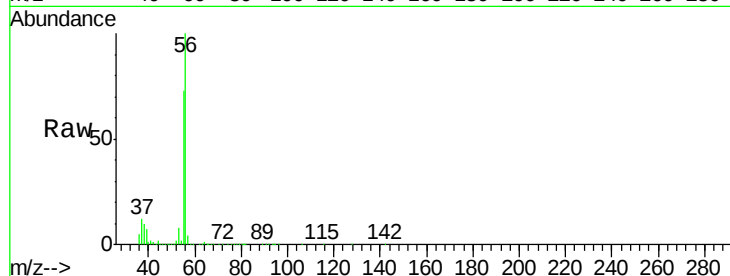
ClientSampleId :

Tot Ion: 56 Resp: 171381

Ion Ratio Lower Upper

56 100

55 72.9 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

120000

100000

80000

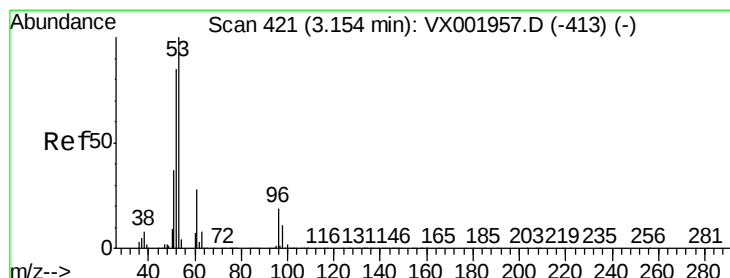
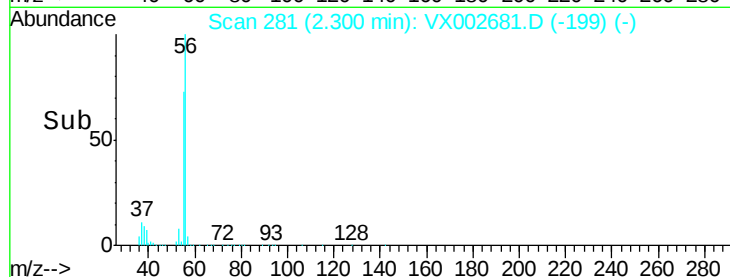
60000

40000

20000

0

Time-->



#14

Acrylonitrile

Concen: 716.601 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

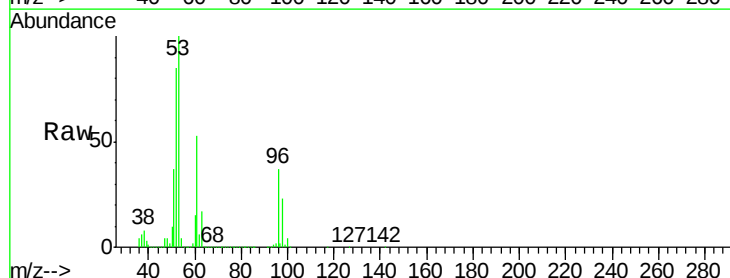
Tgt Ion: 53 Resp: 1053076

Ion Ratio Lower Upper

53 100

52 84.0 41.5 124.6

51 37.3 17.9 53.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

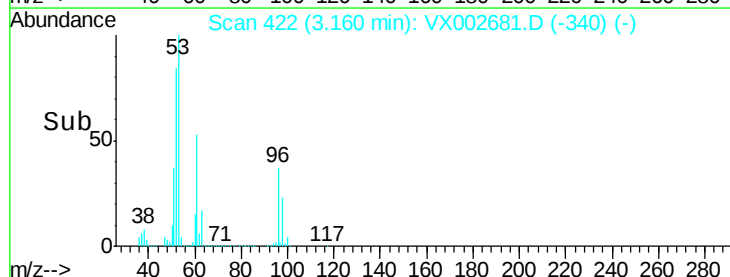
600000

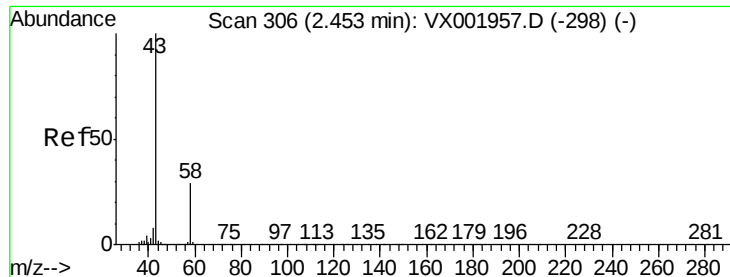
400000

200000

0

Time-->





#15

Acetone

Concen: 703.107 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

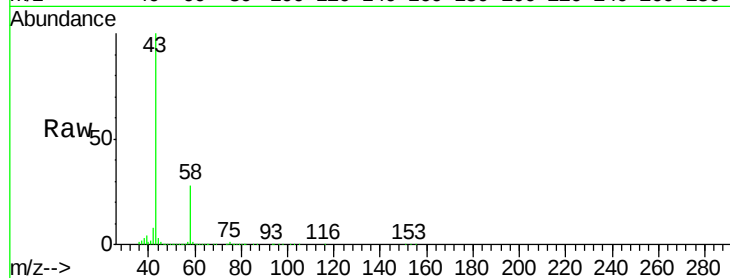
ClientSampleId :

Tot Ion: 58 Resp: 275448

Ion Ratio Lower Upper

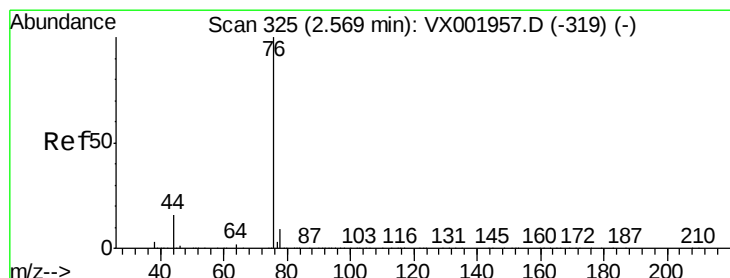
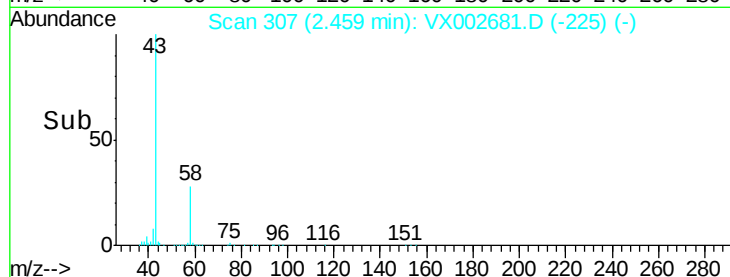
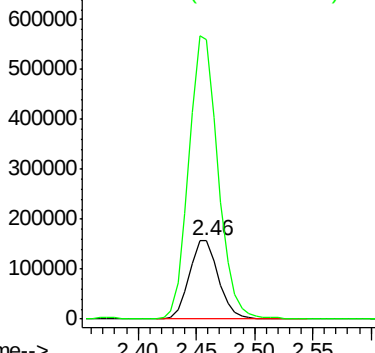
58 100

43 358.0 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 139.826 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX002681.D

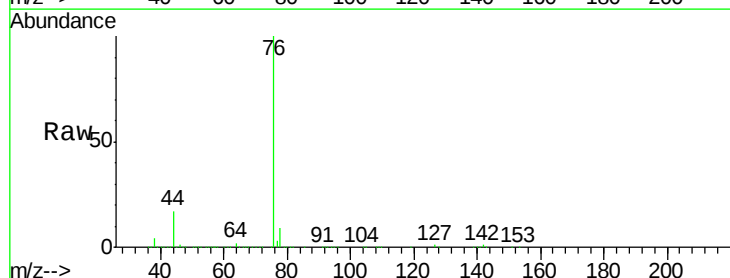
Acq: 18 Jun 2018 14:29

Tgt Ion: 76 Resp: 879887

Ion Ratio Lower Upper

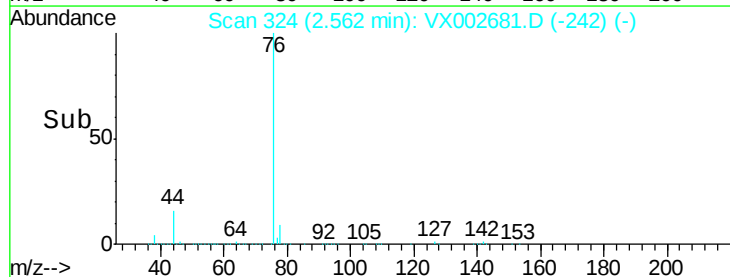
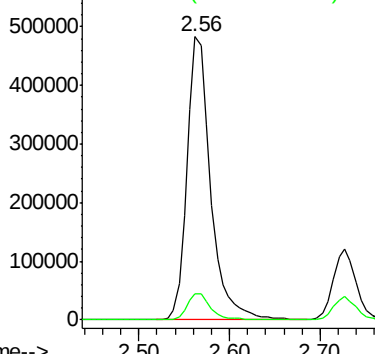
76 100

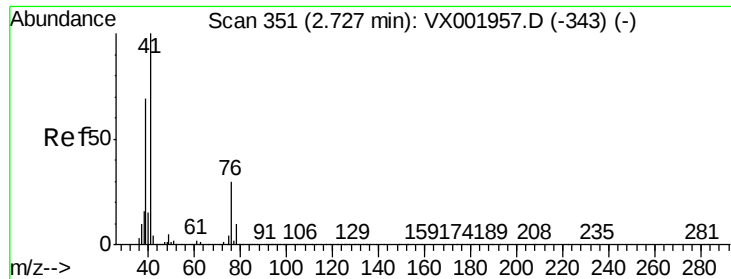
78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

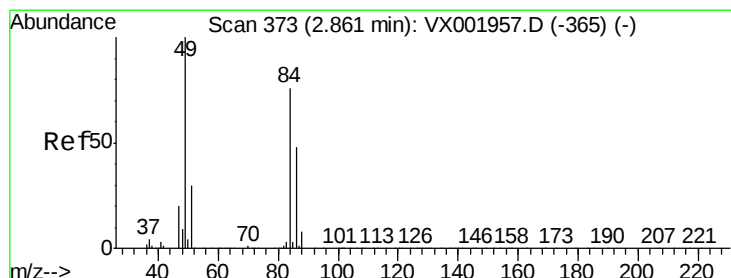
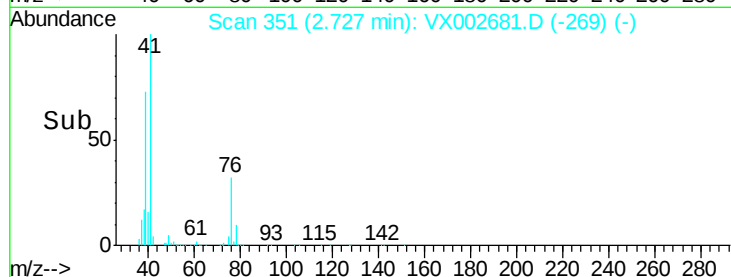
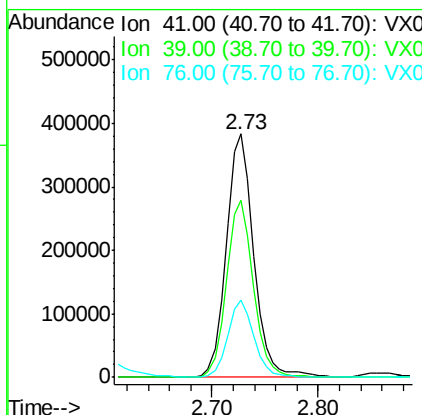
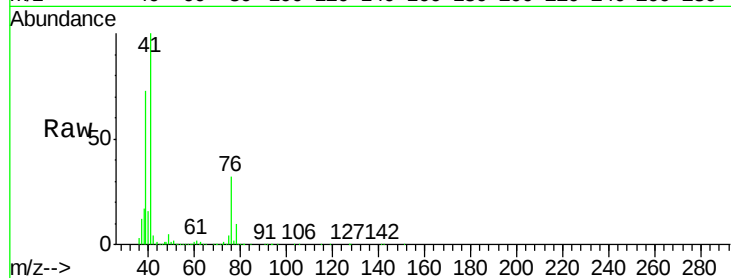




#17
Allvl chloride
Concen: 151.435 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

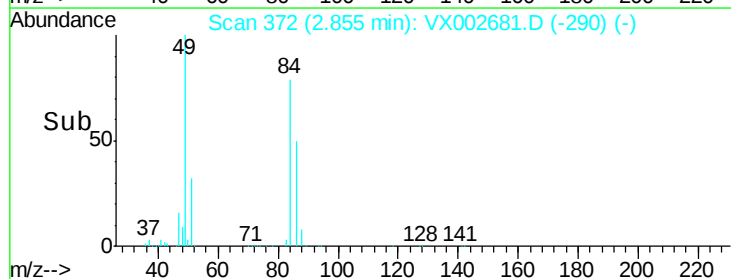
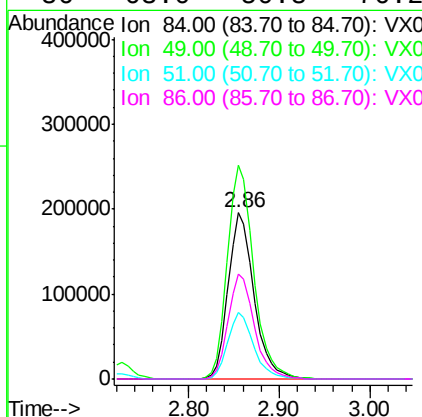
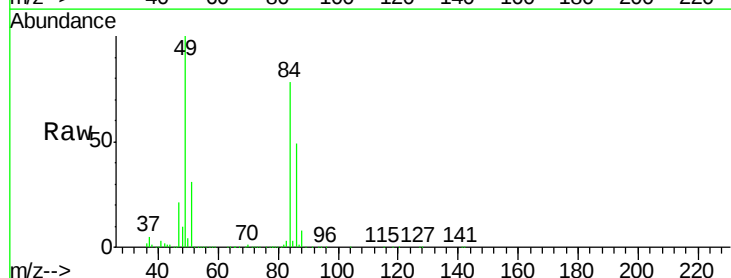
Instrument :
MSVOA_X
ClientSampled :

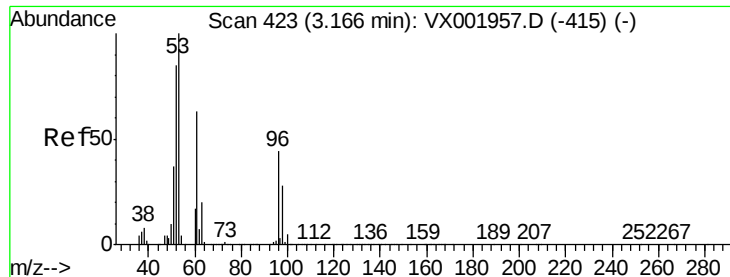
Tot Ion: 41 Resp: 688788
Ion Ratio Lower Upper
41 100
39 72.6 34.6 103.8
76 31.7 15.0 45.1



#18
Methylene Chloride
Concen: 156.506 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Tgt Ion: 84 Resp: 387633
Ion Ratio Lower Upper
84 100
49 128.4 104.7 157.1
51 39.8 31.0 46.4
86 63.0 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 157.549 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :

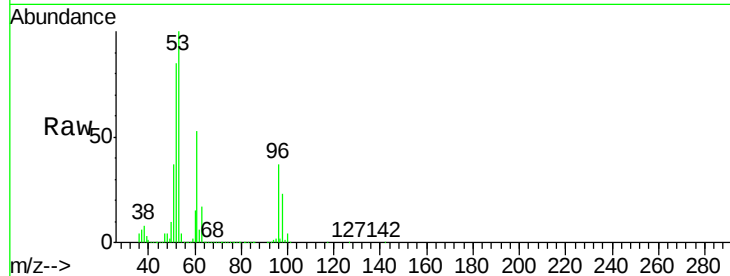
Tot Ion: 96 Resp: 367084

Ion Ratio Lower Upper

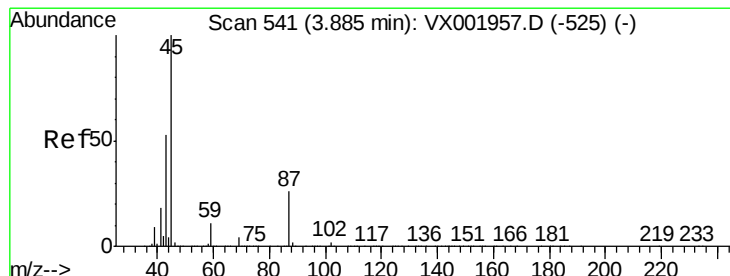
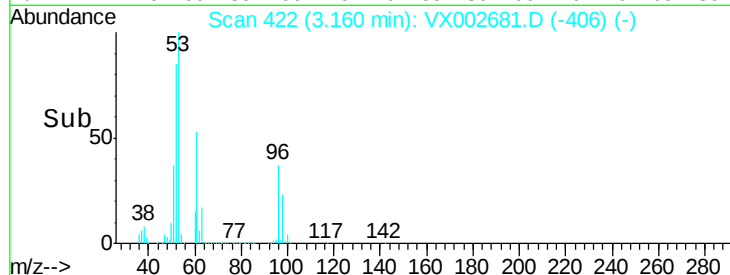
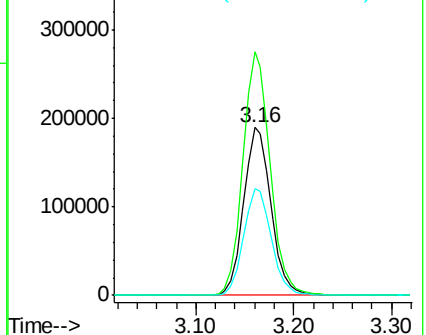
96 100

61 145.1 114.6 172.0

98 63.3 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 146.983 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Tgt Ion: 45 Resp: 1276456

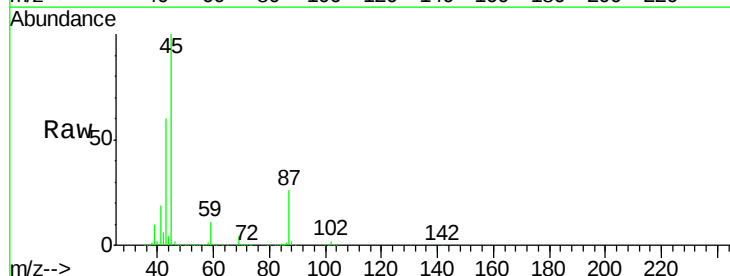
Ion Ratio Lower Upper

45 100

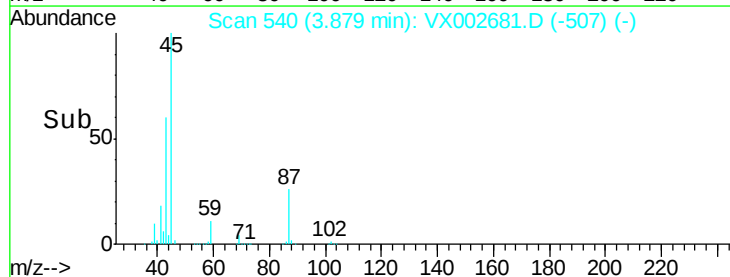
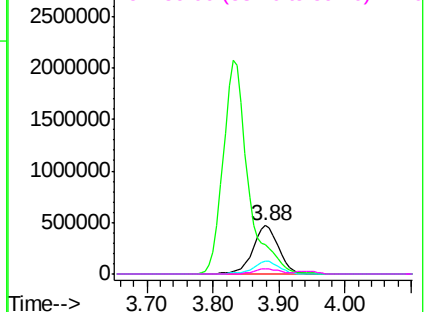
43 59.9 45.6 68.4

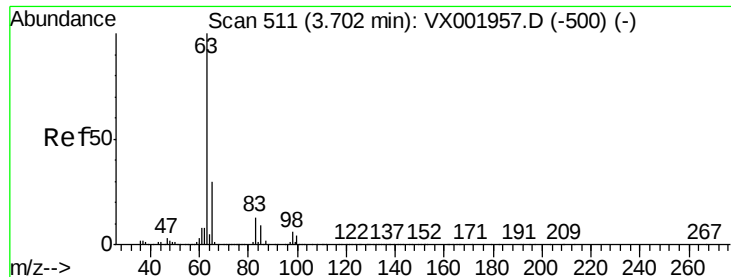
87 26.3 20.7 31.1

59 11.1 8.9 13.3



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





#21

1,1-Dichloroethane

Concen: 143.337 ug/l

RT: 3.70 min Scan# 510

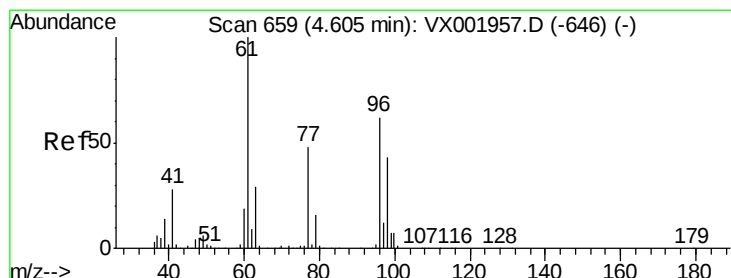
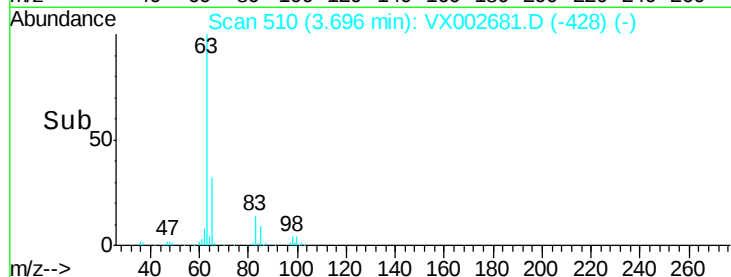
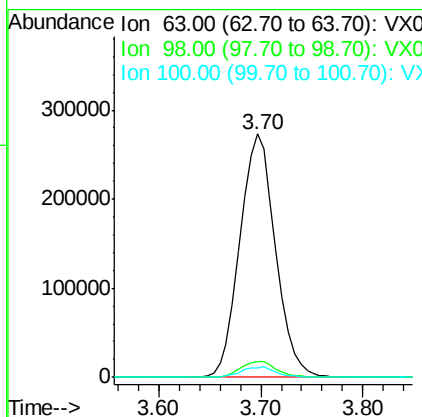
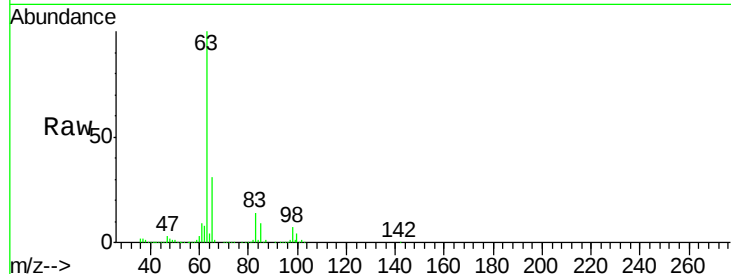
Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	662592
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.1	9.3
100	4.1	2.2	6.6



#22

cis-1,2-Dichloroethene

Concen: 144.447 ug/l

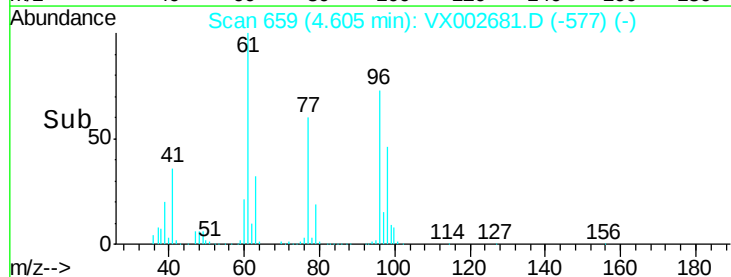
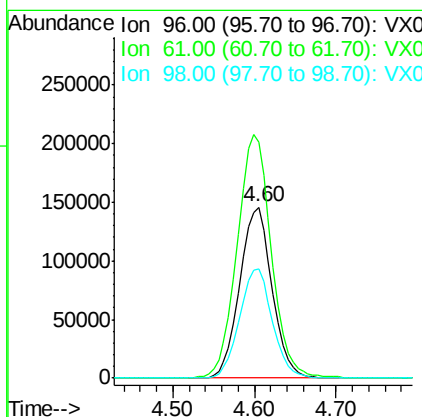
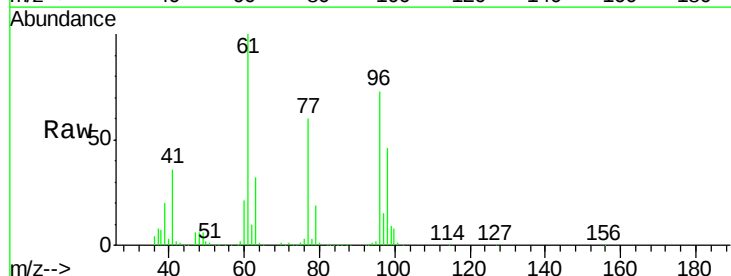
RT: 4.60 min Scan# 659

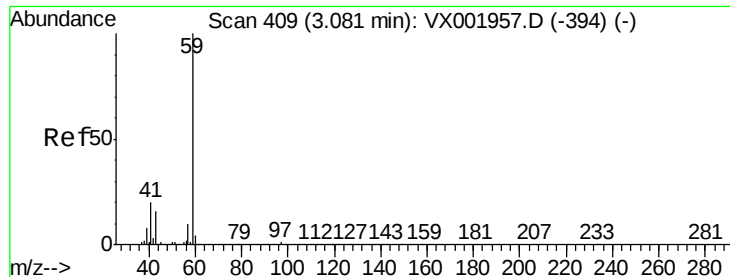
Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Tgt Ion:	96	Resp:	401258
Ion	Ratio	Lower	Upper
96	100		
61	150.2	160.2	240.2#
98	64.8	54.1	81.1



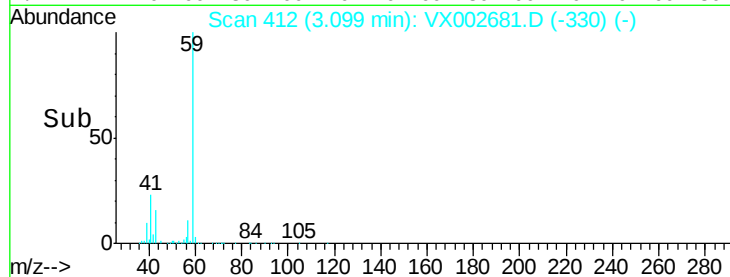
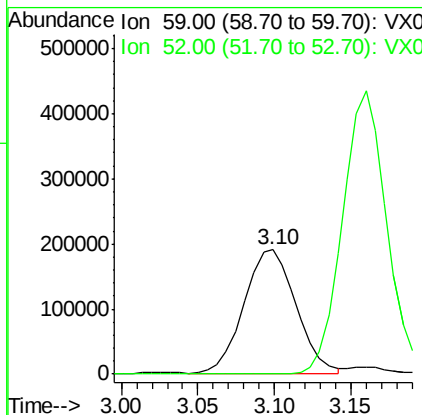
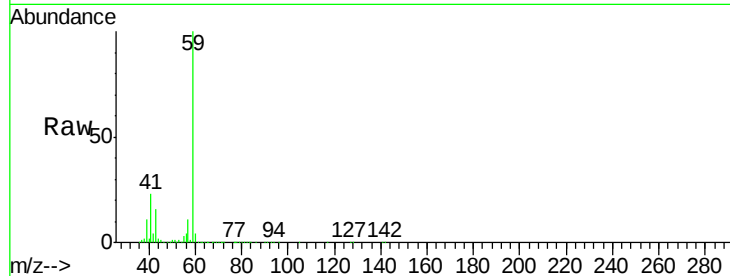


#23

tert-Butyl Alcohol
 Concen: 588.496 ug/l
 RT: 3.10 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

Instrument :
 MSVOA_X
 ClientSampleId :

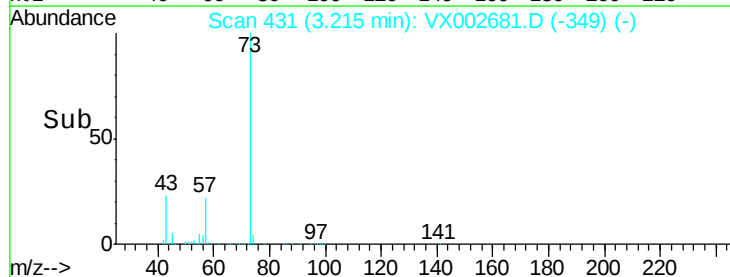
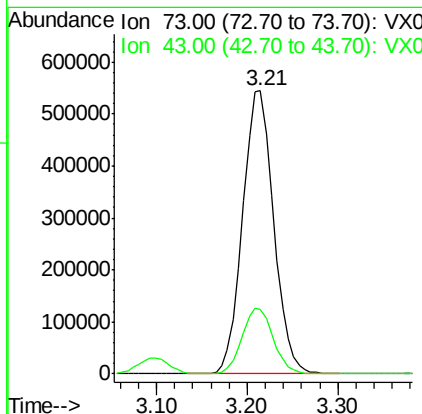
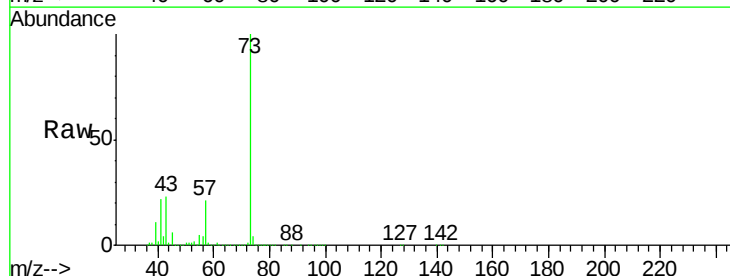
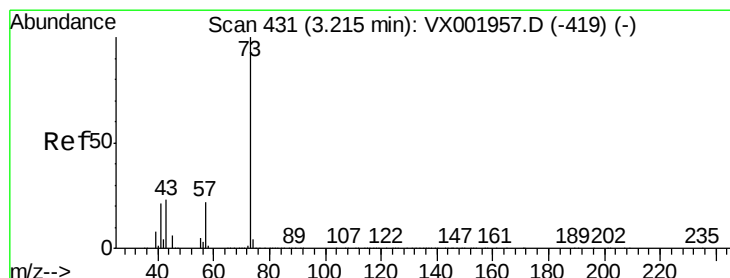
Tot Ion: 59 Resp: 448563
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

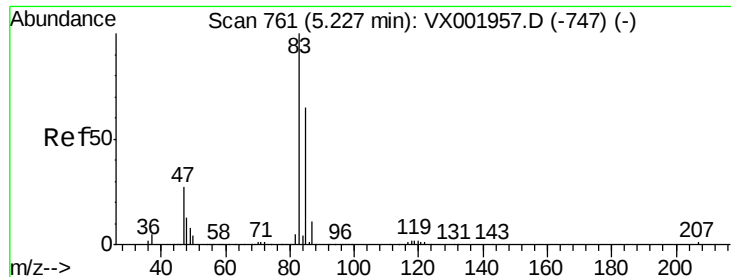


#24

Methyl tert-Butyl Ether
 Concen: 150.397 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

Tgt Ion: 73 Resp: 1293658
 Ion Ratio Lower Upper
 73 100
 43 23.3 19.0 28.4





#25

Chloroform

Concen: 144.060 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

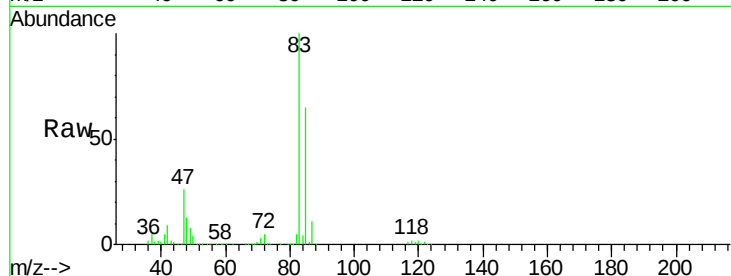
ClientSampled :

Tot Ion: 83 Resp: 700193

Ion Ratio Lower Upper

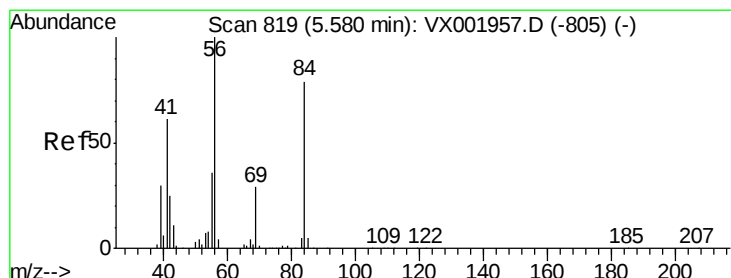
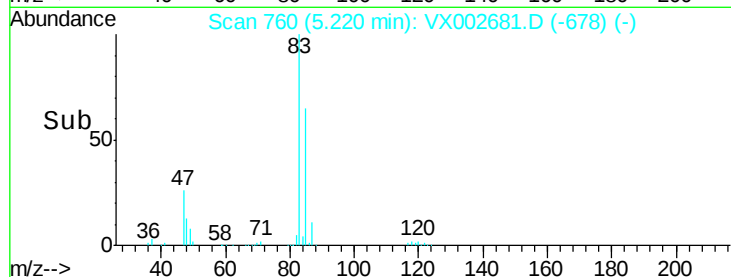
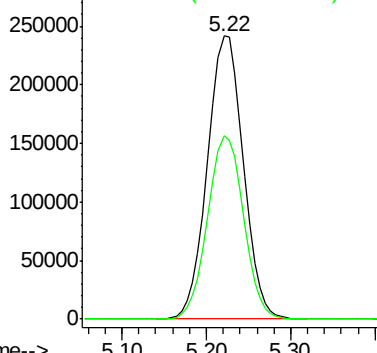
83 100

85 64.7 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 137.471 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

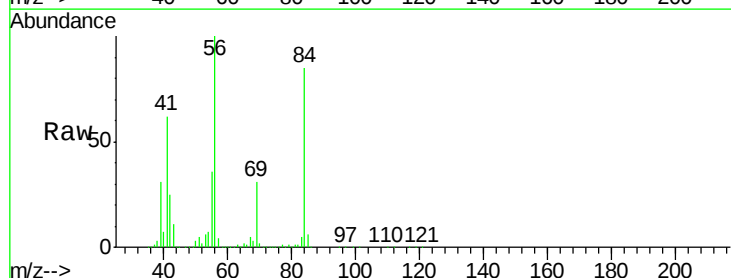
Tgt Ion: 56 Resp: 584855

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

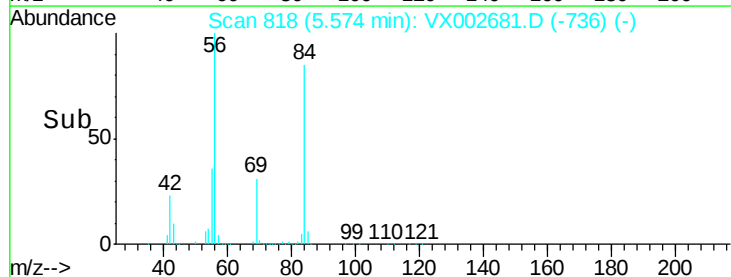
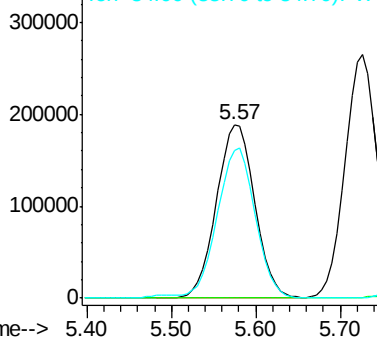
84 86.0 64.9 97.3

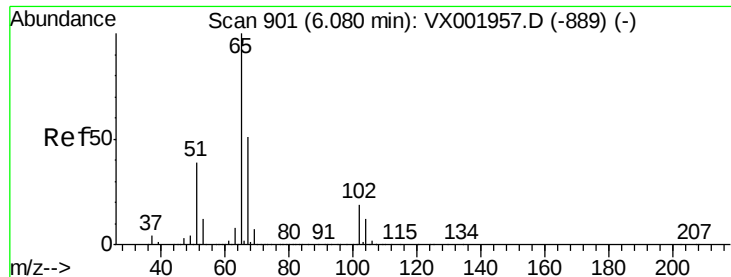


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.142 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

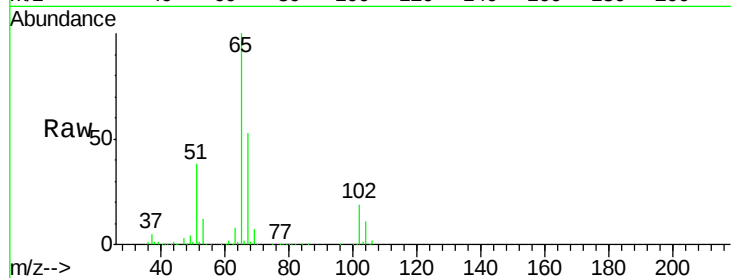
ClientSampleId :

Tot Ion: 65 Resp: 101572

Ion Ratio Lower Upper

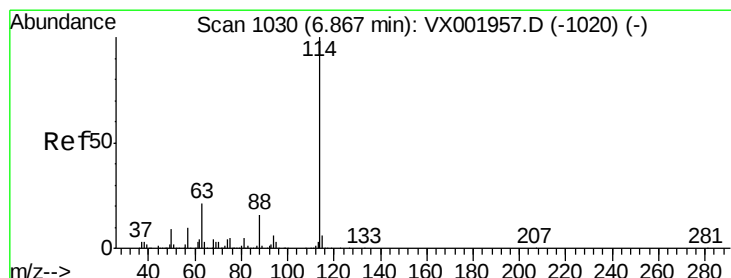
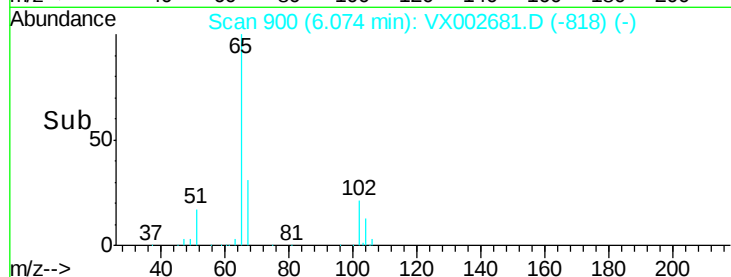
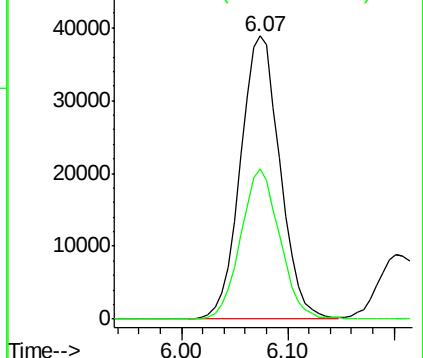
65 100

67 52.3 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

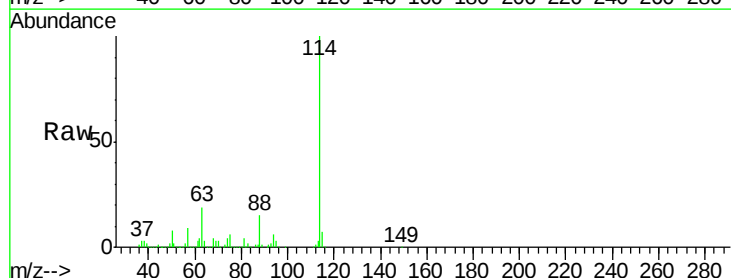
Tgt Ion: 114 Resp: 250790

Ion Ratio Lower Upper

114 100

63 19.8 17.1 25.7

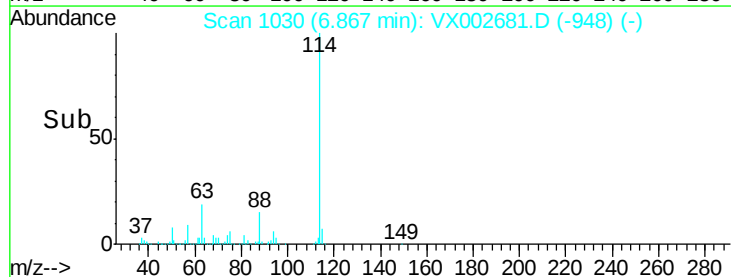
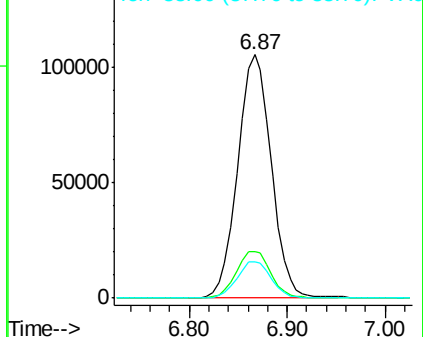
88 15.2 12.6 19.0

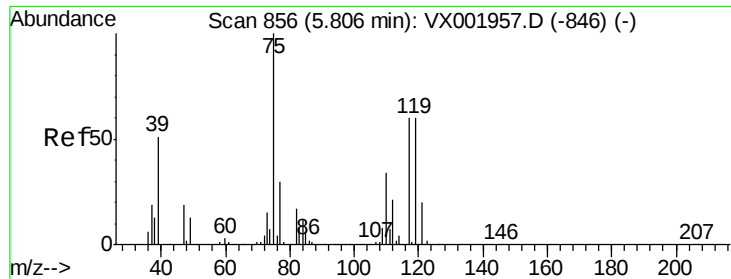


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

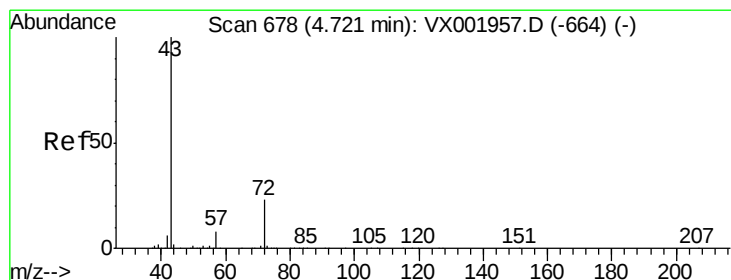
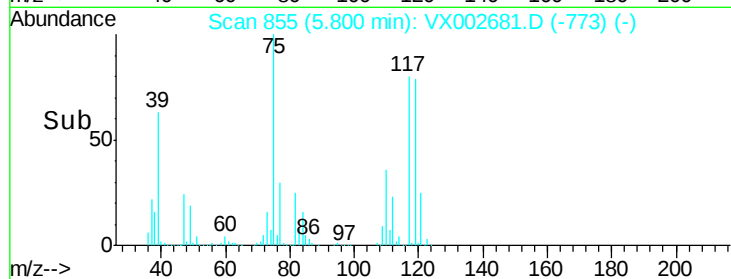
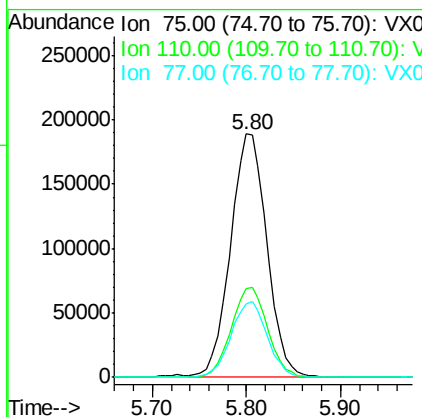
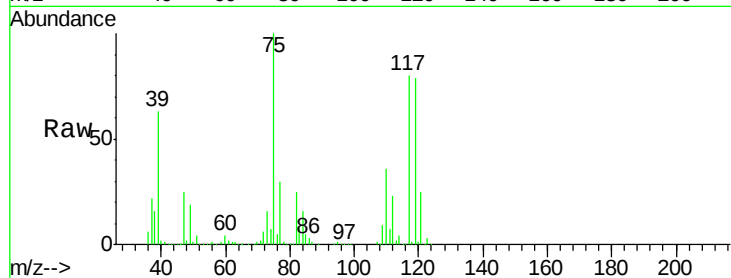




#29
 1,1-Dichloropropene
 Concen: 144.417 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

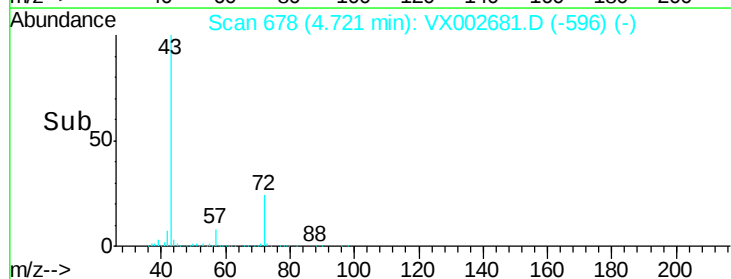
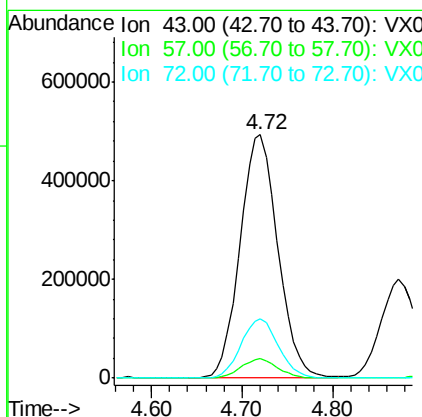
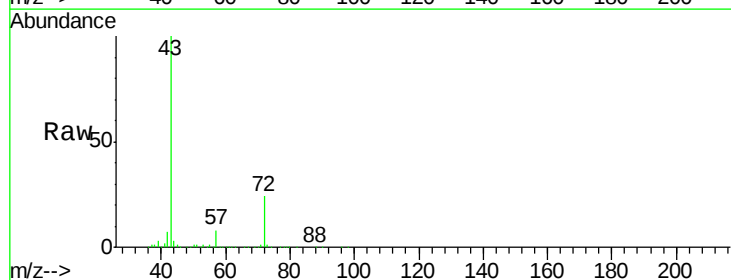
Instrument :
 MSVOA_X
 ClientSampled :

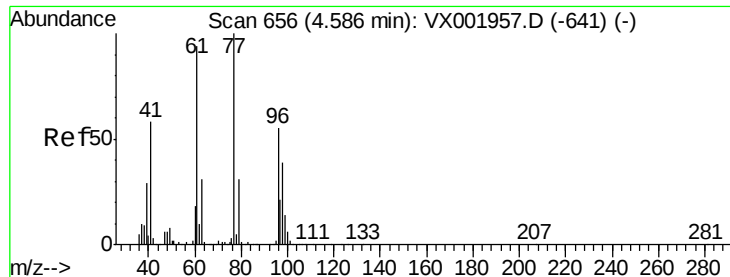
Tot Ion: 75 Resp: 506734
 Ion Ratio Lower Upper
 75 100
 110 36.9 0.0 71.4
 77 30.8 0.0 60.6



#30
 2-Butanone
 Concen: 581.075 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

Tgt Ion: 43 Resp: 1422148
 Ion Ratio Lower Upper
 43 100
 57 7.8 6.1 9.1
 72 24.2 18.1 27.1





#31

2,2-Dichloropropane

Concen: 174.800 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

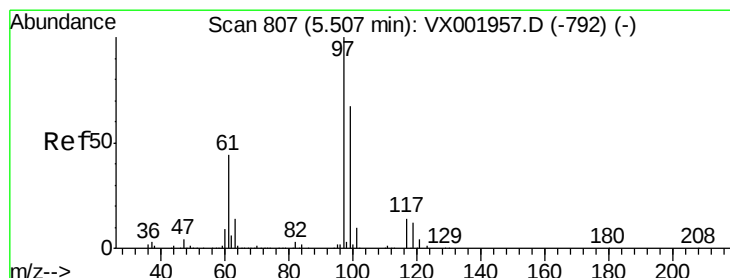
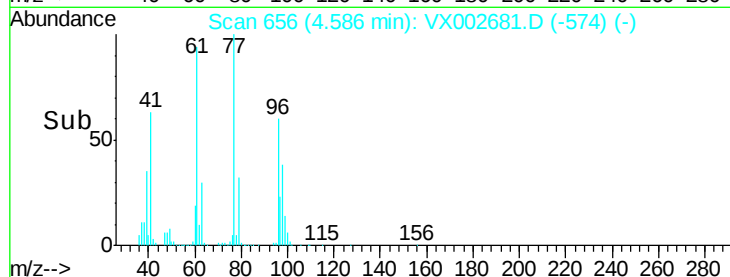
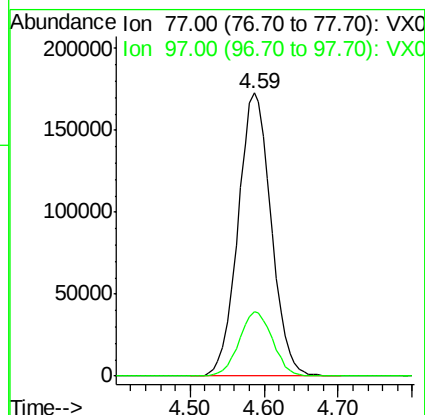
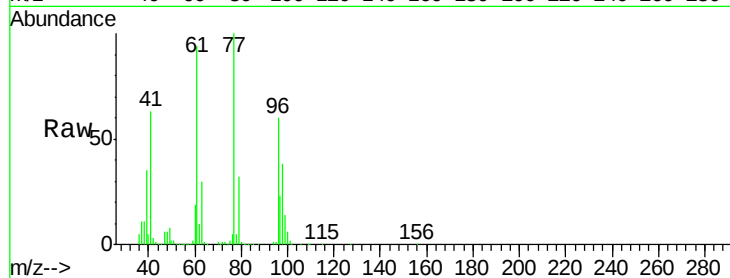
ClientSampleId :

Tot Ion: 77 Resp: 539031

Ion Ratio Lower Upper

77 100

97 23.0 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 137.313 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

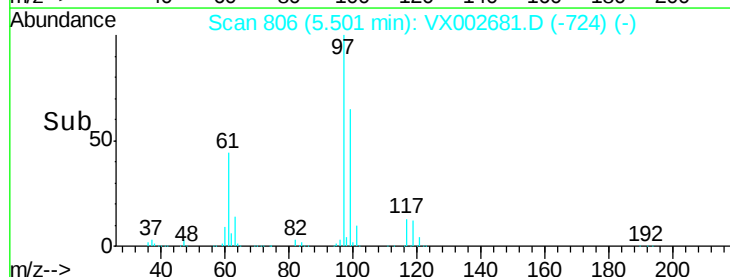
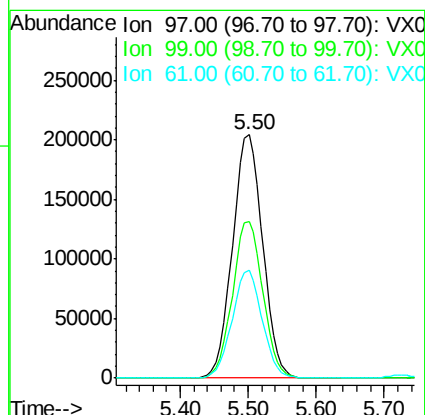
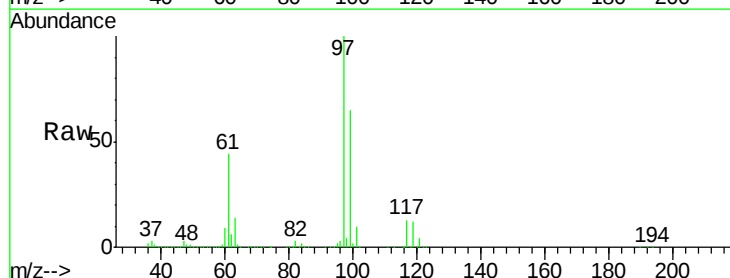
Tgt Ion: 97 Resp: 629258

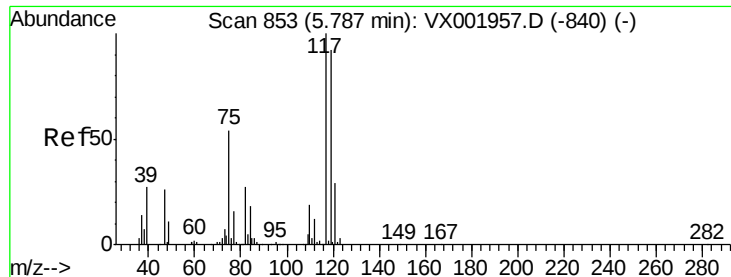
Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 44.1 36.4 54.6





#33

Carbon Tetrachloride

Concen: 137.691 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

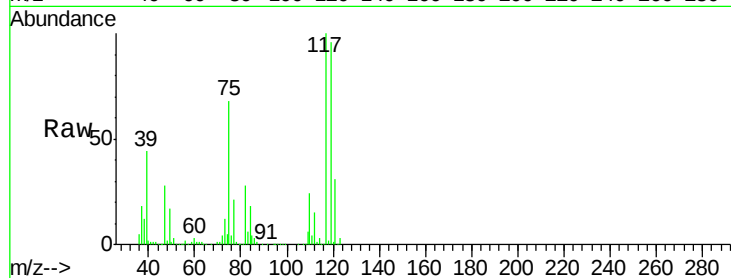
Tot Ion:117 Resp: 573394

Ion Ratio Lower Upper

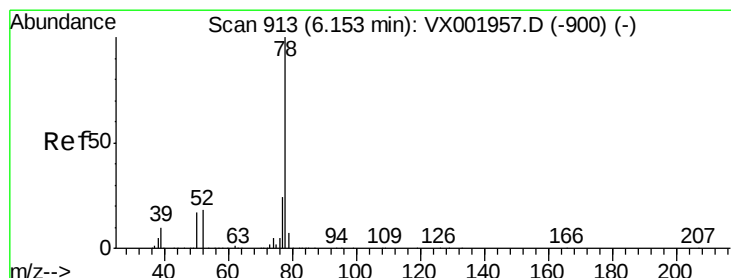
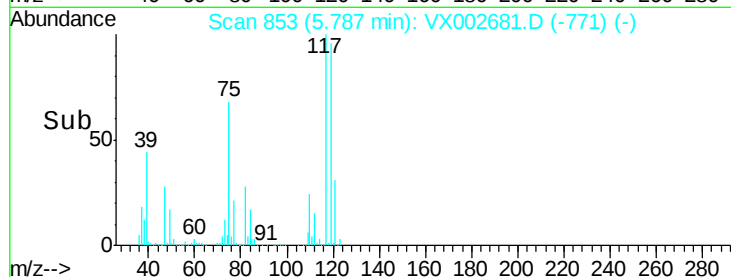
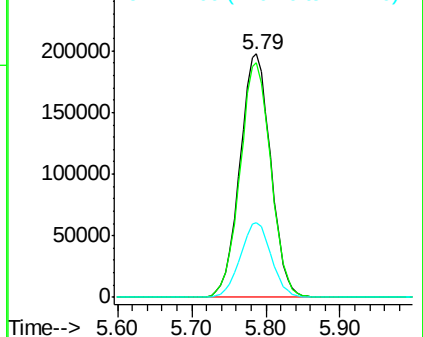
117 100

119 96.4 73.3 109.9

121 30.6 23.6 35.4



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 140.770 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

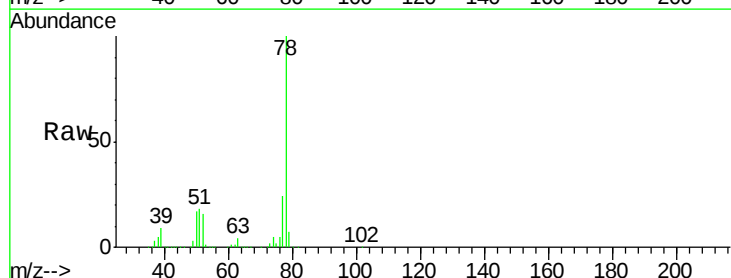
Tgt Ion: 78 Resp: 1491485

Ion Ratio Lower Upper

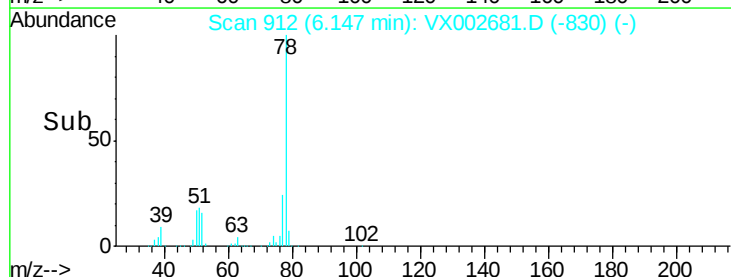
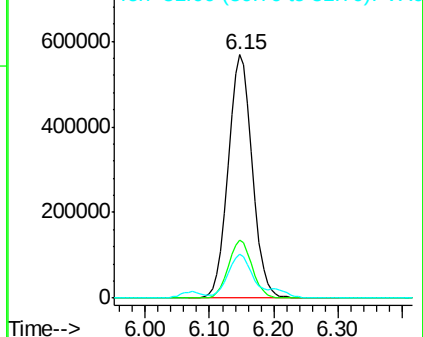
78 100

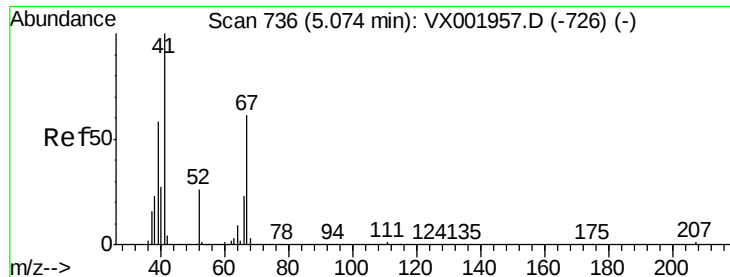
77 23.9 19.4 29.0

51 18.0 13.8 20.6



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

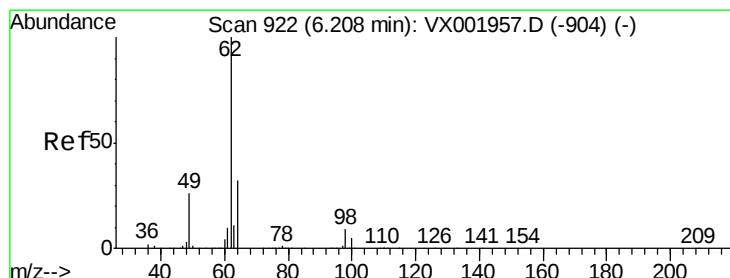
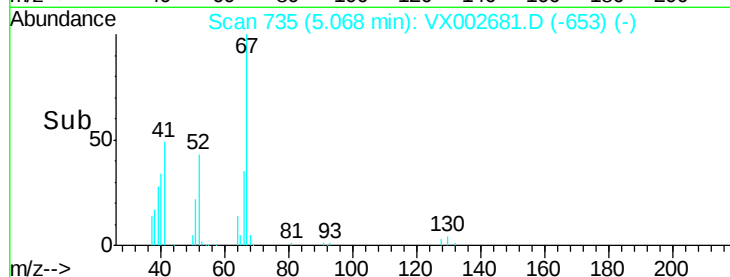
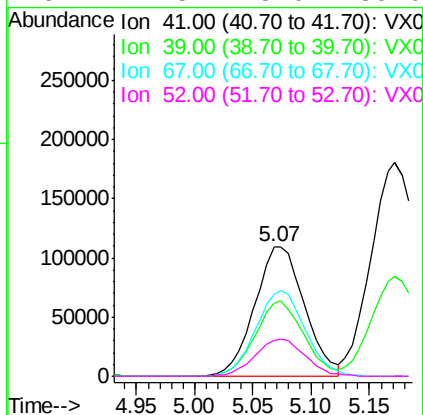
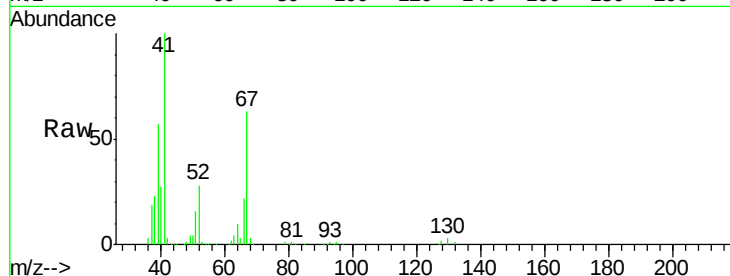




#35
Methacrylonitrile
Concen: 120.104 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

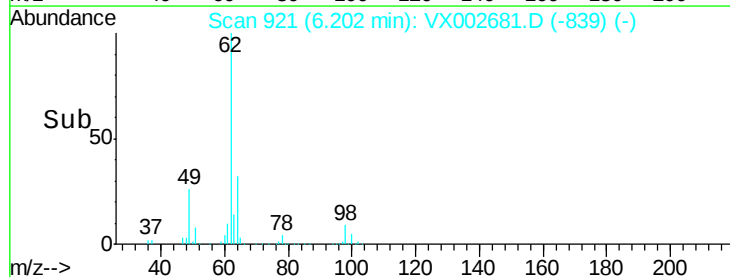
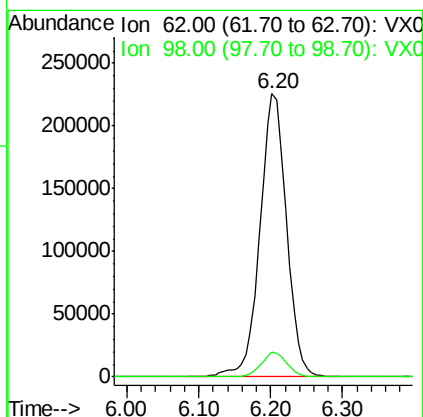
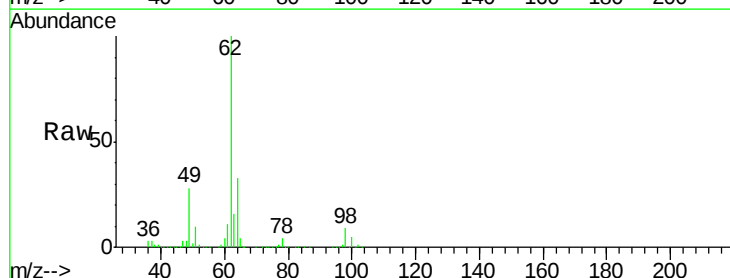
Instrument :
MSVOA_X
ClientSampleId :

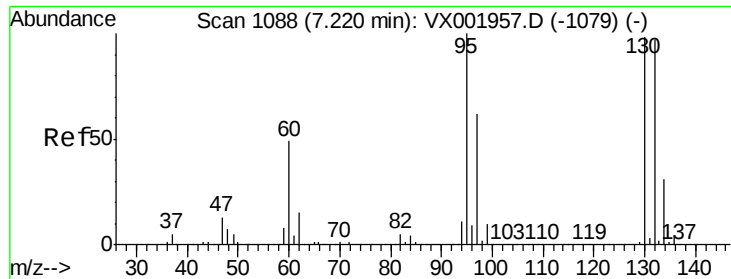
Tot Ion:	41	Resp:	325503
Ion	Ratio	Lower	Upper
41	100		
39	56.5	28.8	86.5
67	63.4	30.4	91.2
52	27.5	13.0	39.0



#36
1,2-Dichloroethane
Concen: 140.554 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Tgt Ion:	62	Resp:	580212
Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.5	9.7

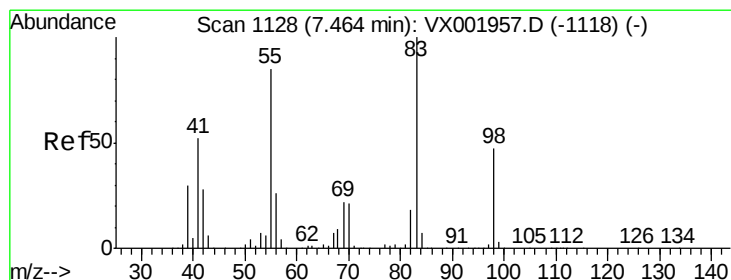
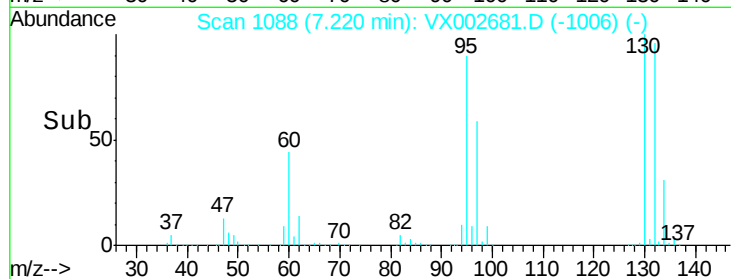
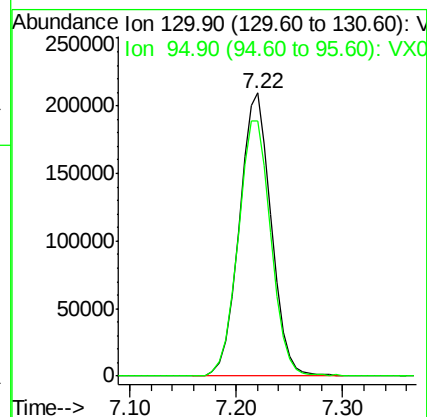
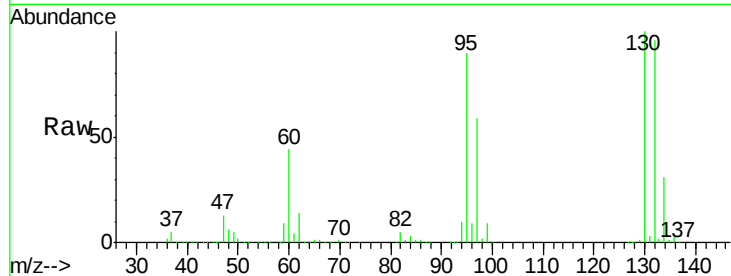




#37
 Trichloroethene
 Concen: 146.091 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

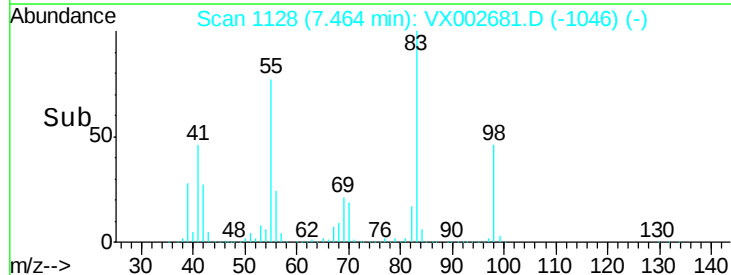
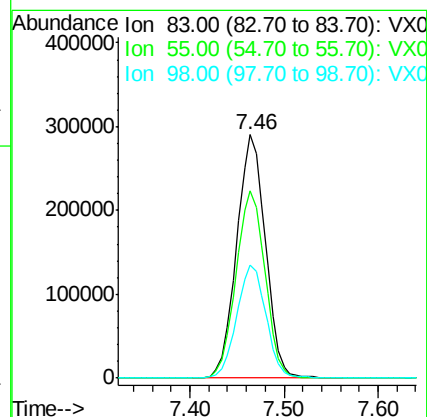
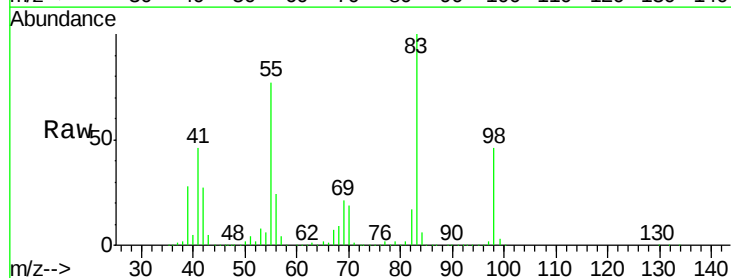
Instrument :
 MSVOA_X
 ClientSampled :

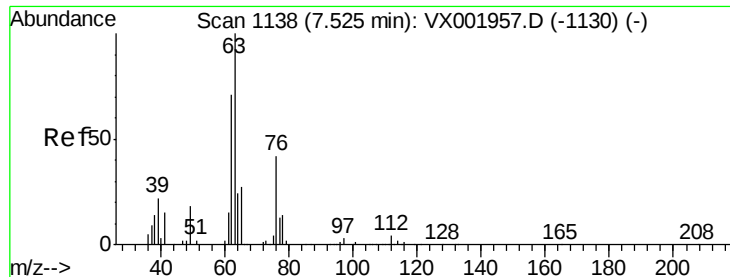
Tot Ion:130 Resp: 439092
 Ion Ratio Lower Upper
 130 100
 95 90.3 81.5 122.3



#38
 Methylcyclohexane
 Concen: 151.242 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

Tgt Ion: 83 Resp: 619162
 Ion Ratio Lower Upper
 83 100
 55 77.3 40.6 121.8
 98 46.9 23.5 70.5





#39

1,2-Dichloropropane

Concen: 136.412 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

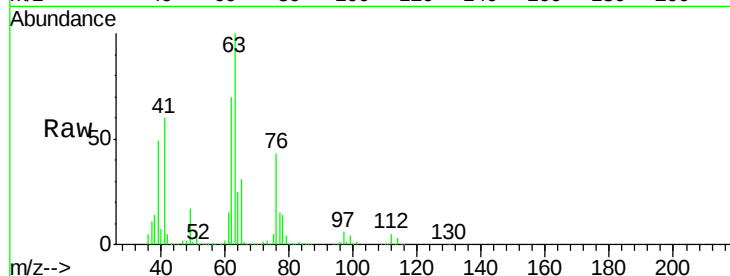
ClientSampleId :

Tot Ion: 63 Resp: 390794

Ion Ratio Lower Upper

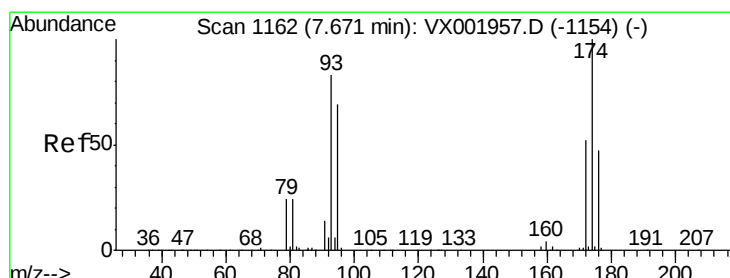
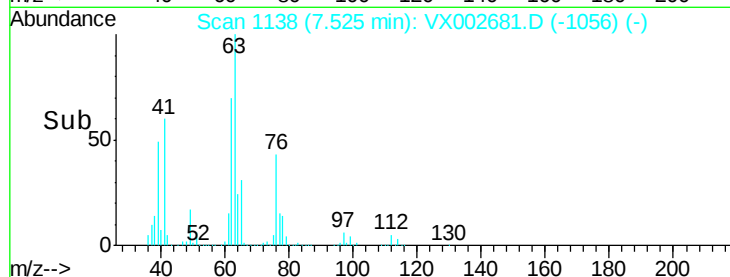
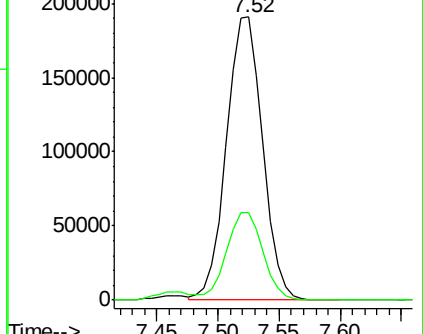
63 100

65 30.8 23.3 34.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 142.714 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

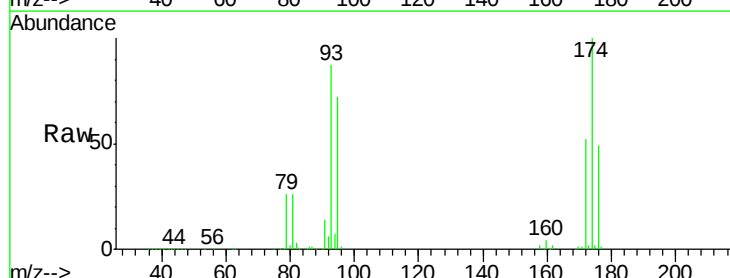
Tgt Ion: 93 Resp: 274298

Ion Ratio Lower Upper

93 100

95 82.7 0.0 162.6

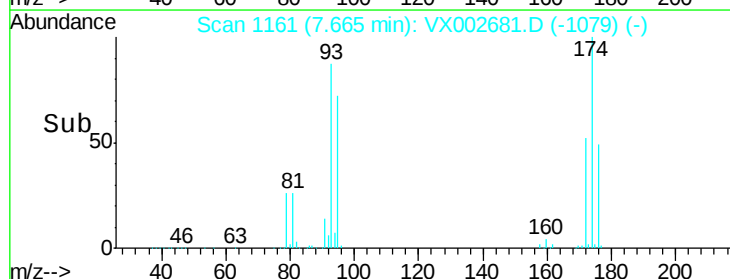
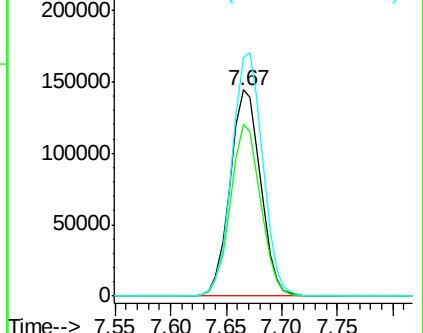
174 119.0 0.0 229.4

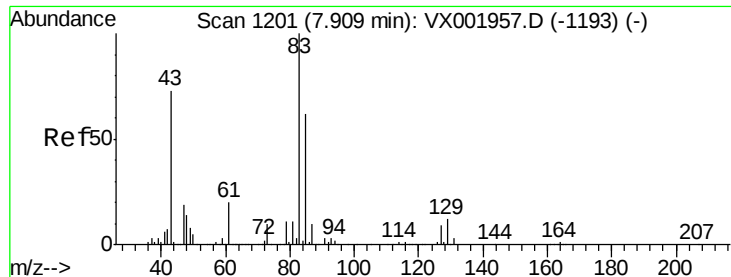


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 136.383 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :

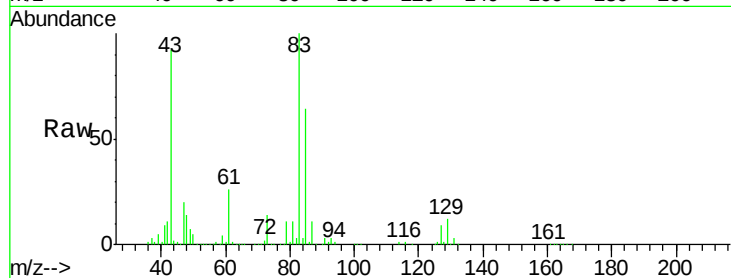
Tot Ion: 83 Resp: 543822

Ion Ratio Lower Upper

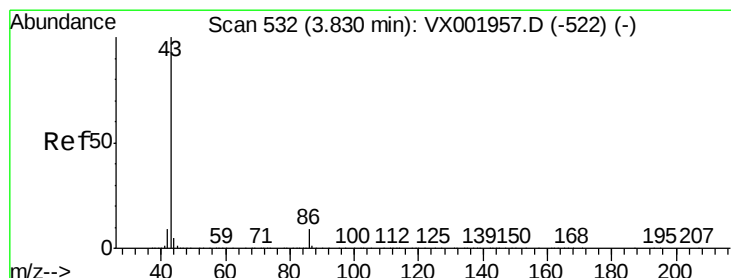
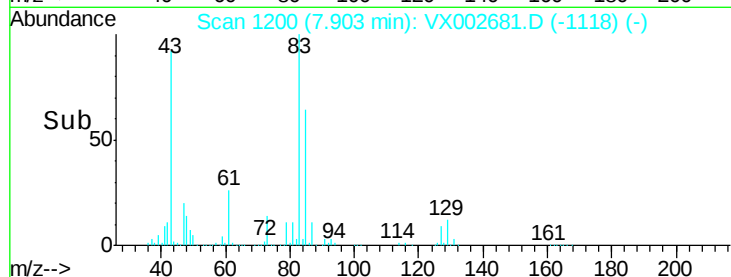
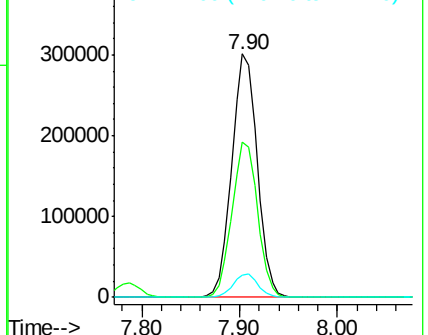
83 100

85 63.8 49.8 74.8

127 9.4 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 703.103 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002681.D

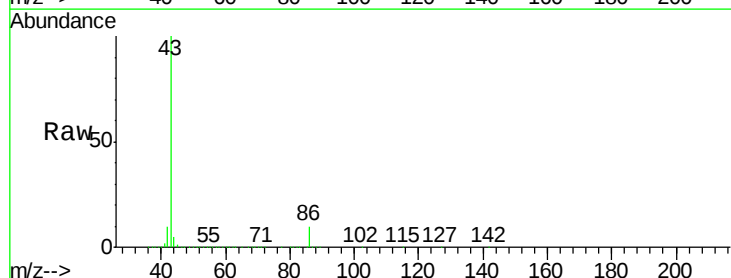
Acq: 18 Jun 2018 14:29

Tgt Ion: 43 Resp: 5444119

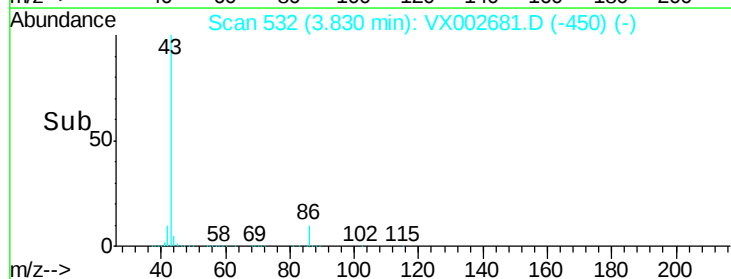
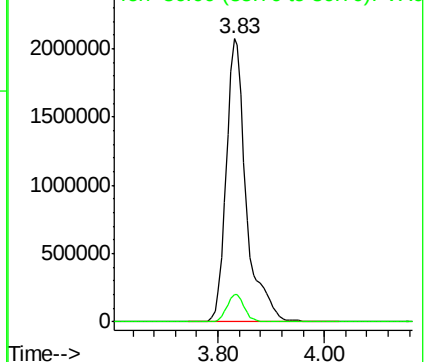
Ion Ratio Lower Upper

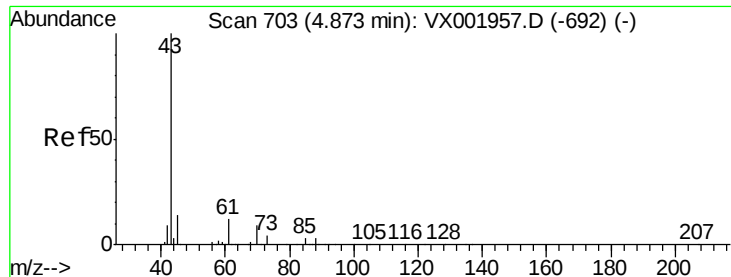
43 100

86 8.6 6.7 10.1



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

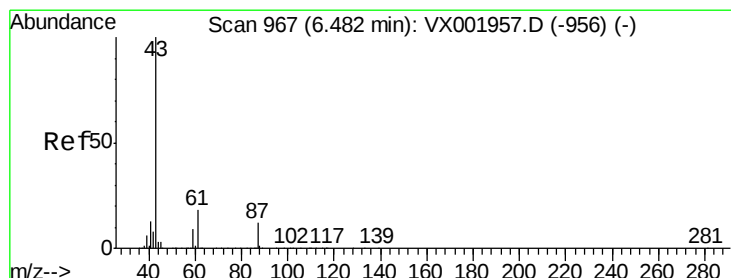
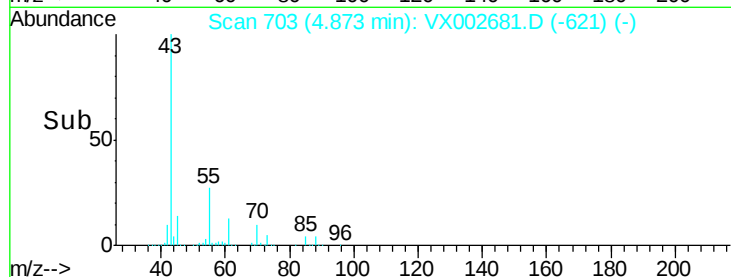
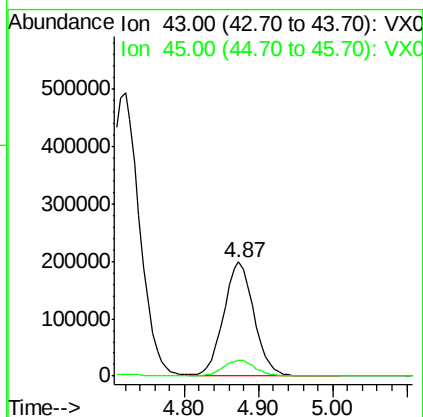
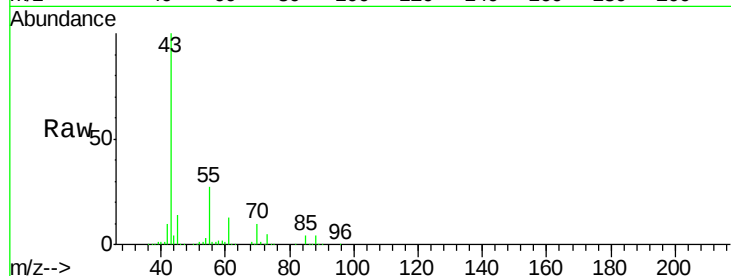




#43
Ethyl Acetate
Concen: 118.205 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

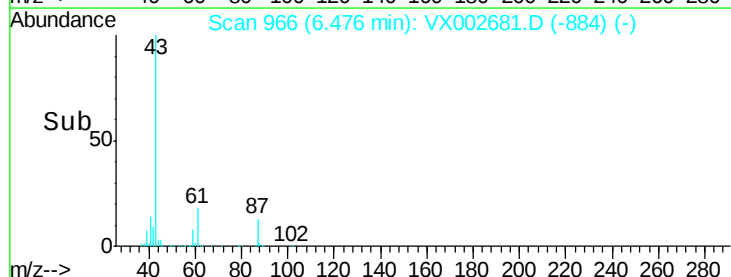
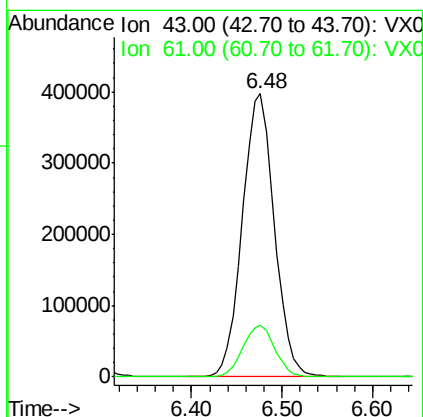
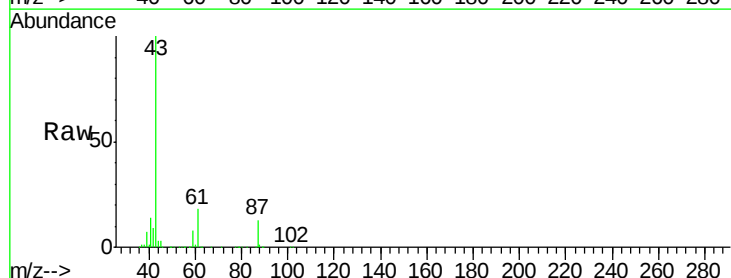
Instrument :
MSVOA_X
ClientSampleId :

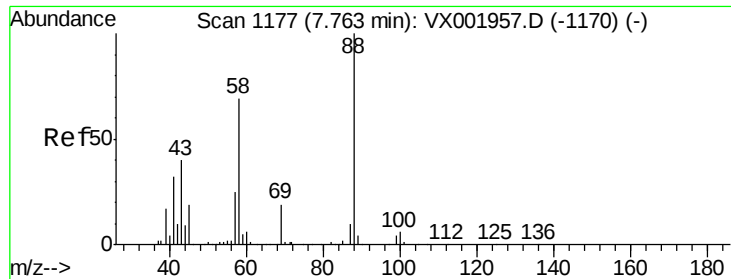
Tot Ion: 43 Resp: 567846
Ion Ratio Lower Upper
43 100
45 14.7 11.0 16.4



#44
Isopropyl Acetate
Concen: 121.321 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Tgt Ion: 43 Resp: 969159
Ion Ratio Lower Upper
43 100
61 18.3 14.5 21.7

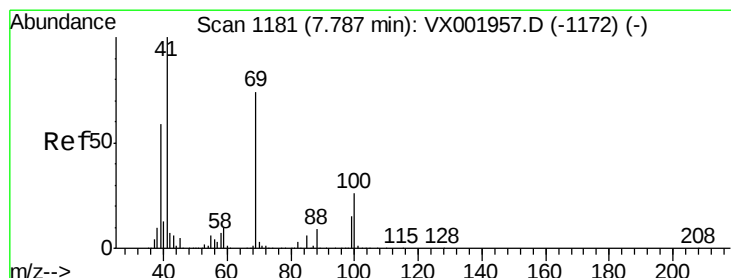
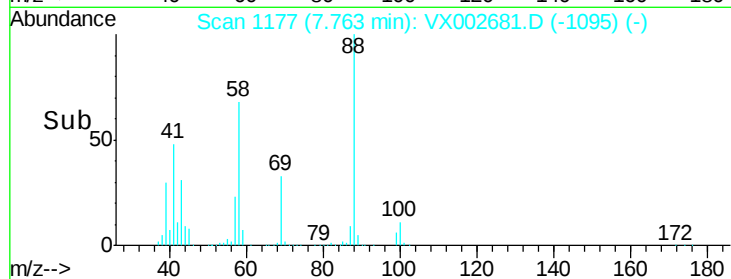
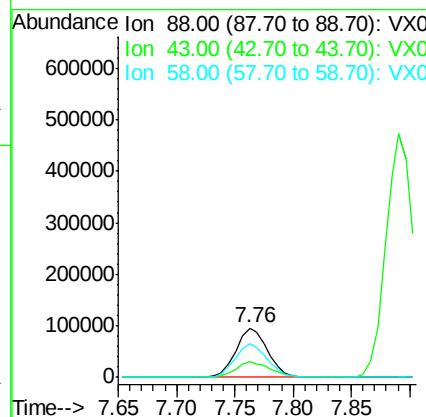
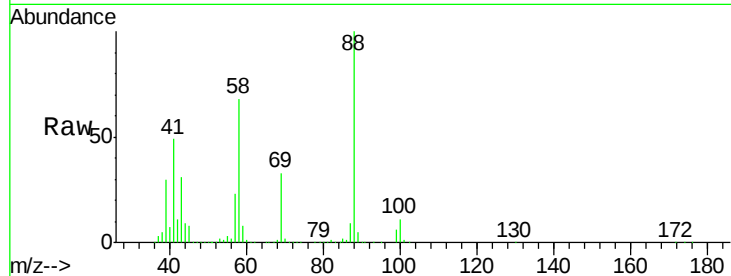




#45
 1,4-Dioxane
 Concen: 2377.283 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

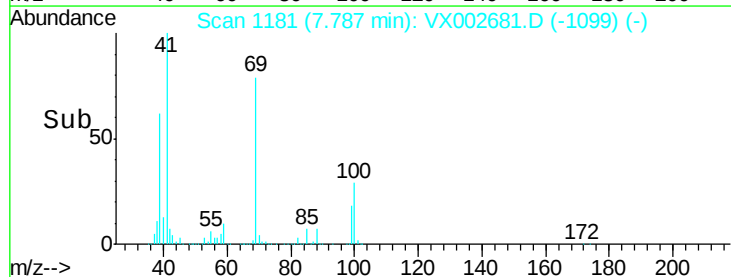
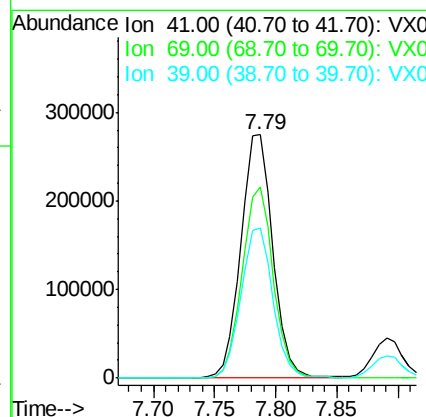
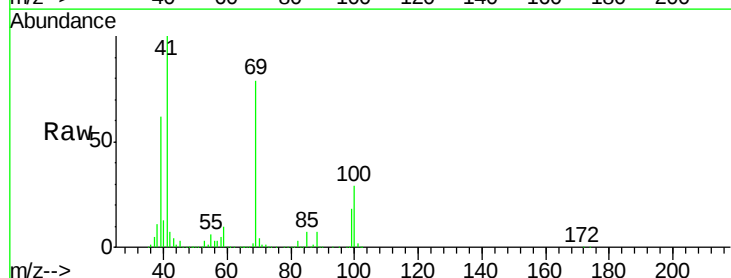
Instrument :
 MSVOA_X
 ClientSampled :

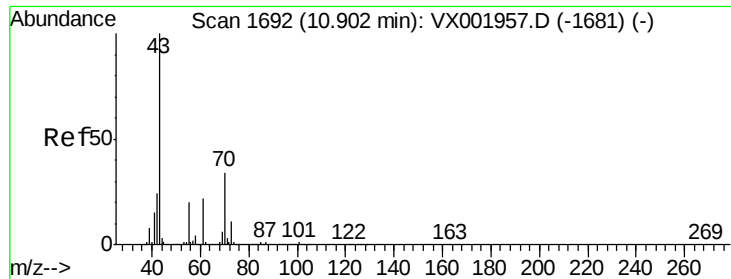
Tot Ion: 88 Resp: 180662
 Ion Ratio Lower Upper
 88 100
 43 34.9 43.2 64.8#
 58 69.4 60.2 90.2



#46
 Methyl methacrylate
 Concen: 122.854 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

Tgt Ion: 41 Resp: 496980
 Ion Ratio Lower Upper
 41 100
 69 78.7 37.0 110.9
 39 61.6 29.6 88.9

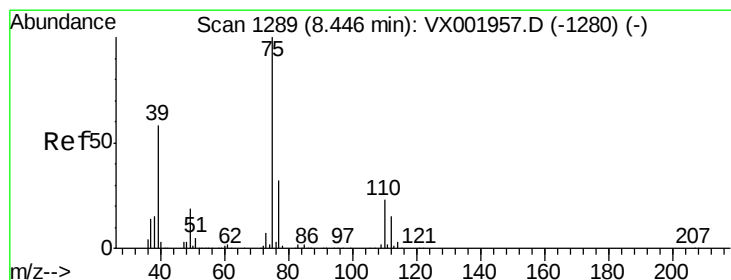
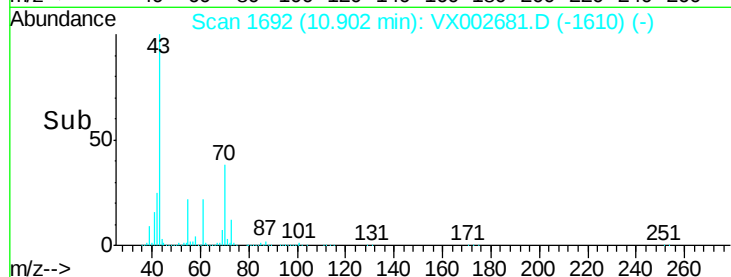
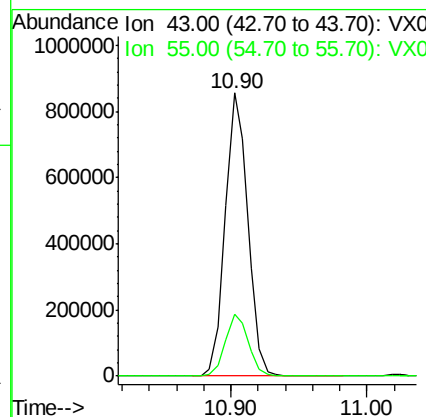
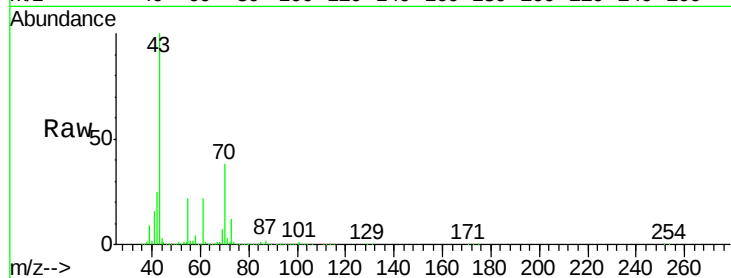




#47
 n-amvl Acetate
 Concen: 134.142 ug/l
 RT: 10.90 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

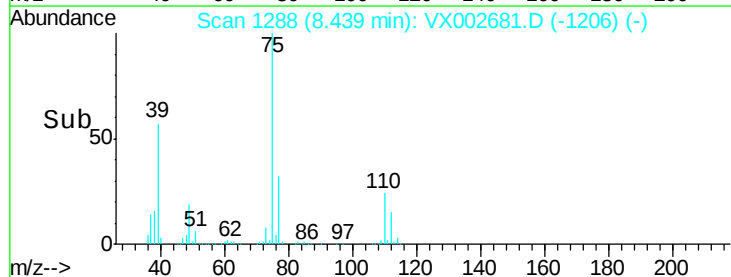
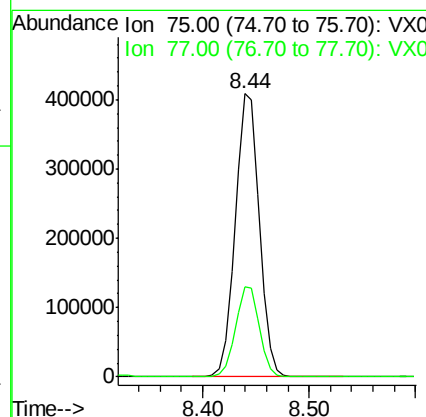
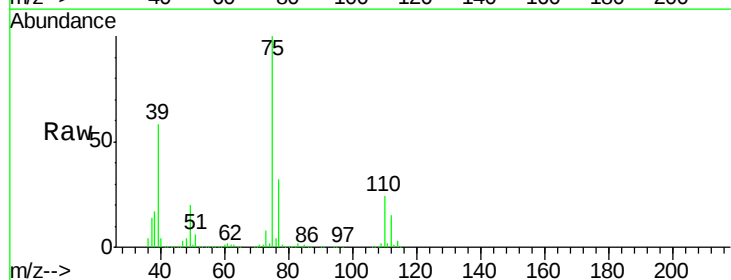
Instrument :
 MSVOA_X
 ClientSampled :

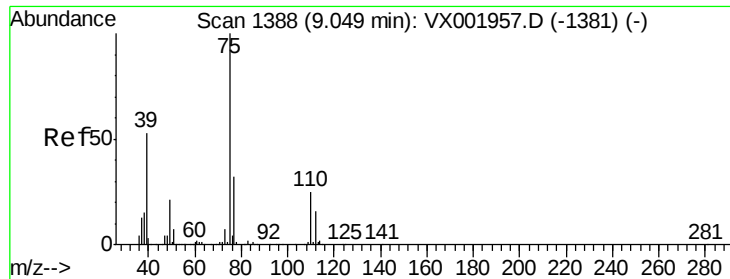
Tot Ion: 43 Resp: 985823
 Ion Ratio Lower Upper
 43 100
 55 22.2 0.1 0.1#



#48
 t-1,3-Dichloropropene
 Concen: 144.409 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

Tgt Ion: 75 Resp: 647079
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4



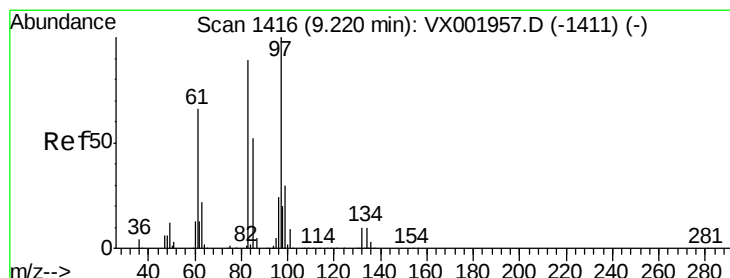
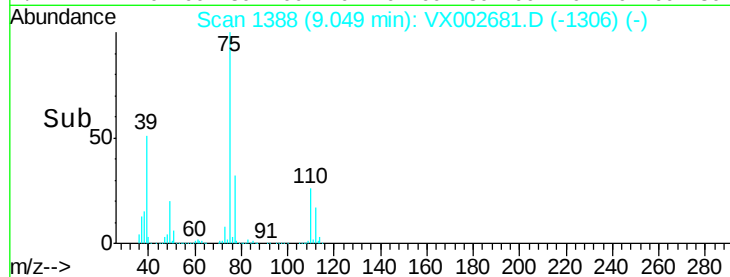
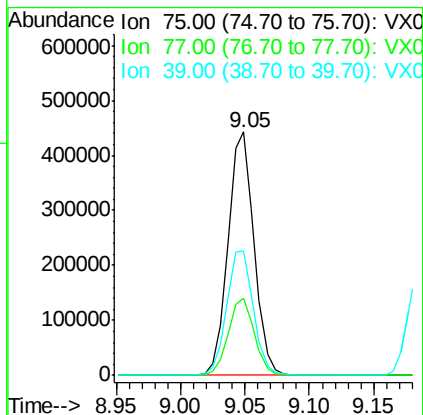
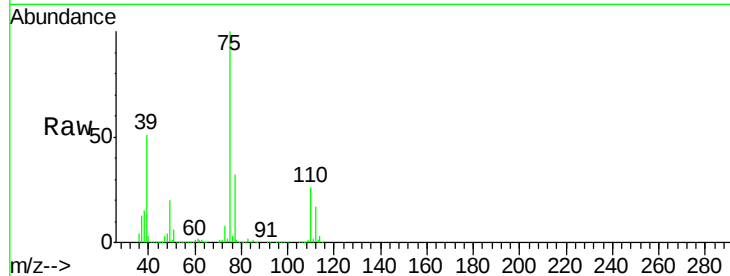


#49

cis-1,3-Dichloropropene
Concen: 144.273 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Instrument :
MSVOA_X
ClientSampled :

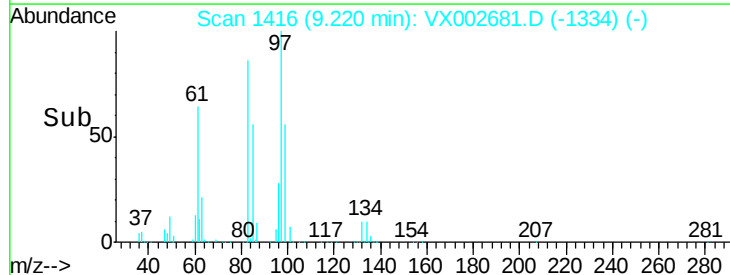
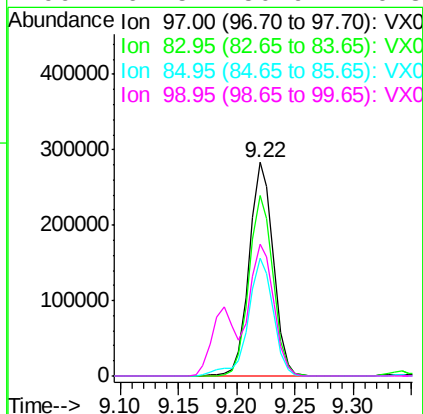
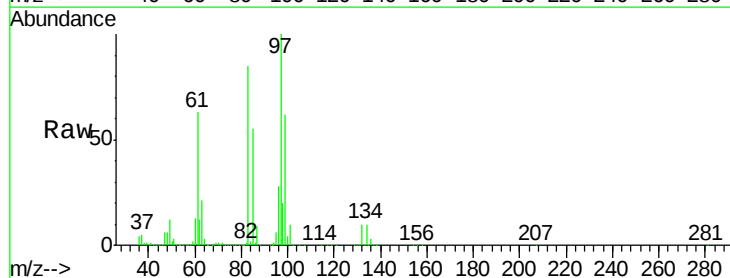
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2
39	51.2	42.3	63.5

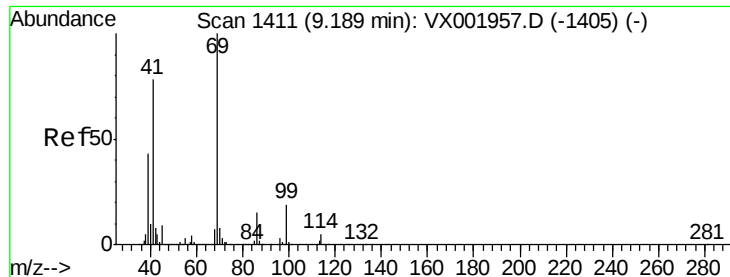


#50

1,1,2-Trichloroethane
Concen: 149.024 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.8	106.2
85	55.0	43.5	65.3
99	61.5	50.9	76.3





#51

Ethyl methacrylate

Concen: 135.791 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :

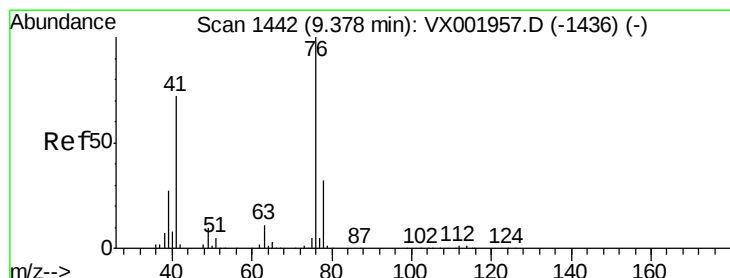
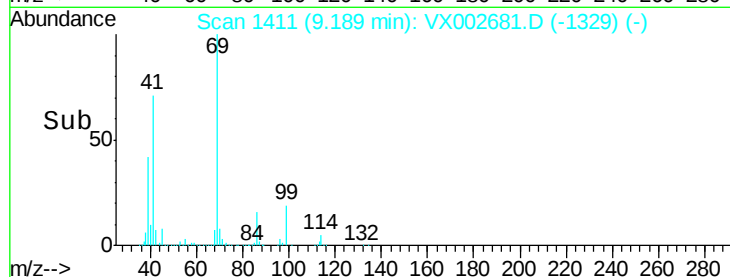
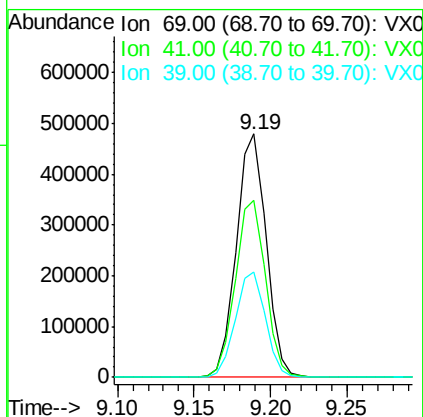
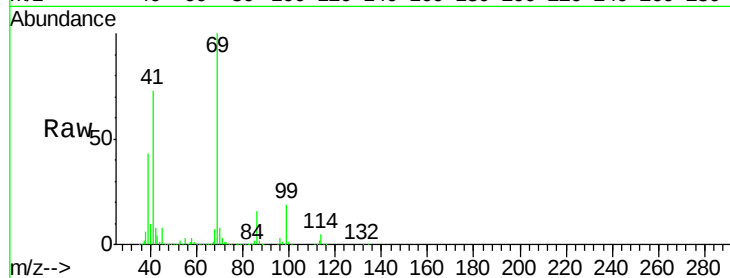
Tot Ion: 69 Resp: 649066

Ion Ratio Lower Upper

69 100

41 72.6 39.1 117.3

39 43.1 21.7 65.1



#52

1,3-Dichloropropane

Concen: 142.977 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002681.D

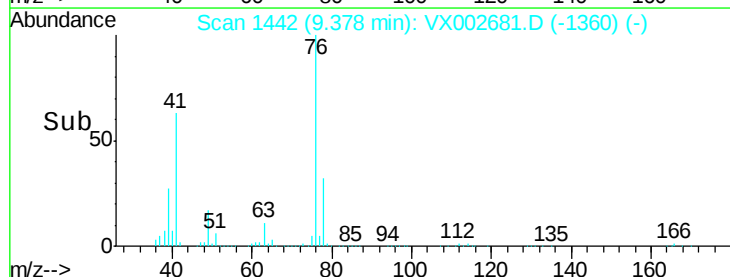
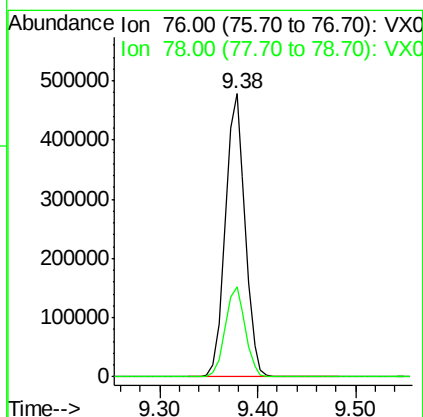
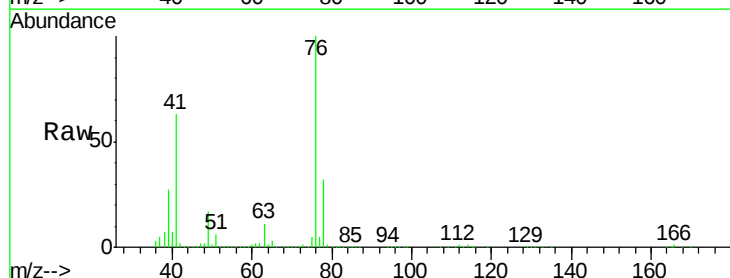
Acq: 18 Jun 2018 14:29

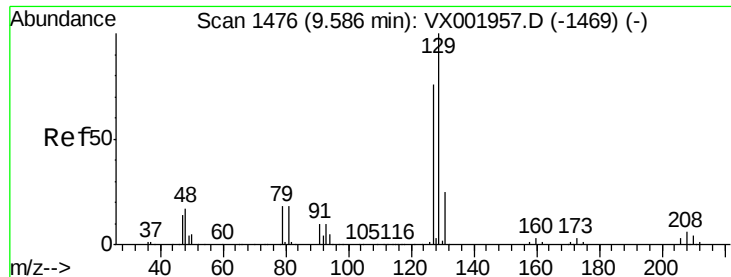
Tgt Ion: 76 Resp: 665482

Ion Ratio Lower Upper

76 100

78 32.3 0.0 63.4





#53

Dibromochloromethane

Concen: 141.837 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

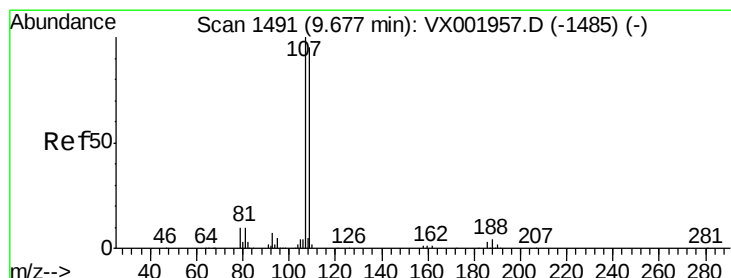
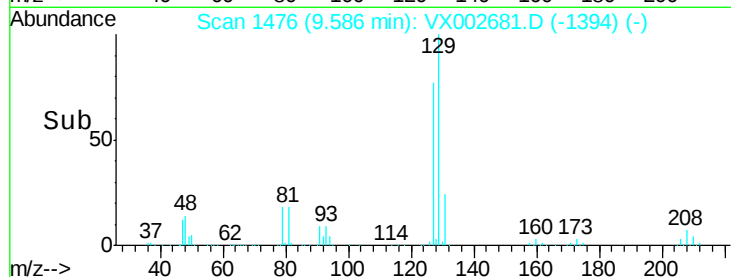
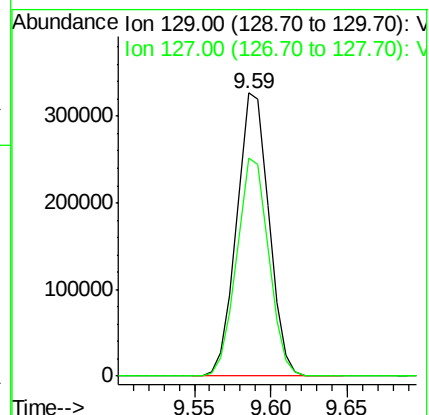
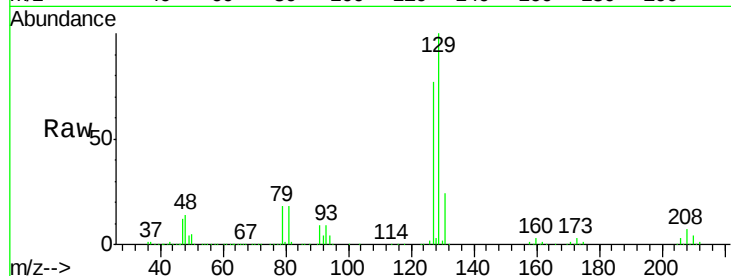
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 478126

Ion Ratio Lower Upper

129 100

127 76.6 38.5 115.3



#54

1,2-Dibromoethane

Concen: 146.830 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002681.D

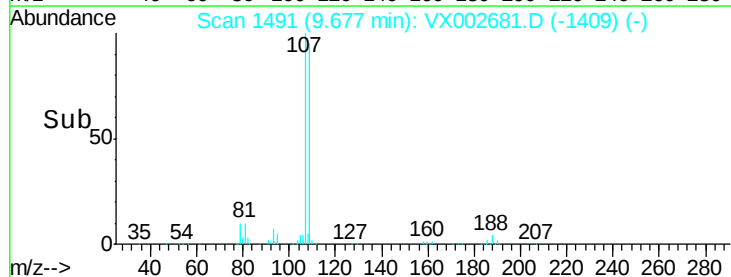
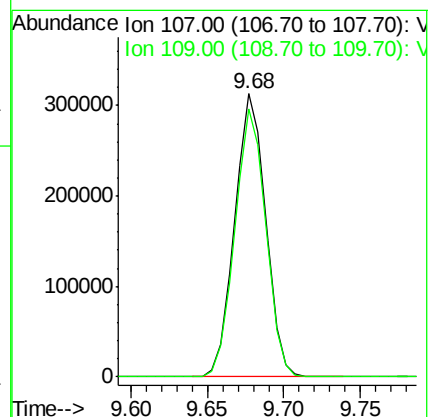
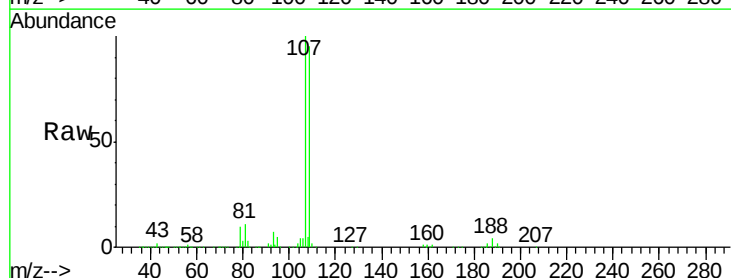
Acq: 18 Jun 2018 14:29

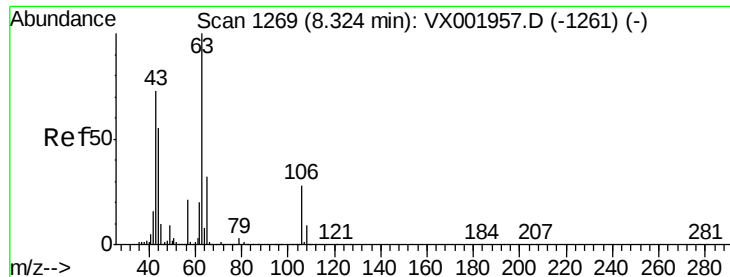
Tgt Ion:107 Resp: 438632

Ion Ratio Lower Upper

107 100

109 94.5 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 677.222 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

ClientSampled :

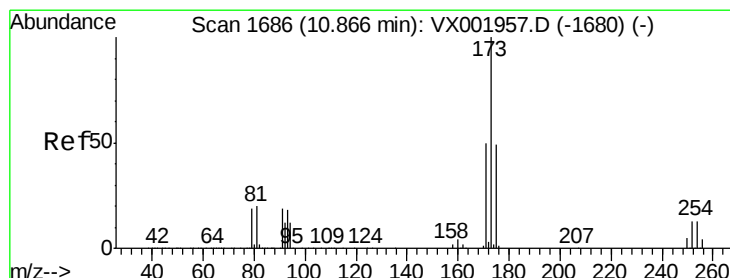
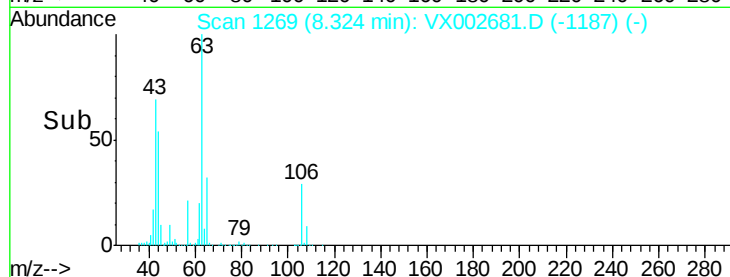
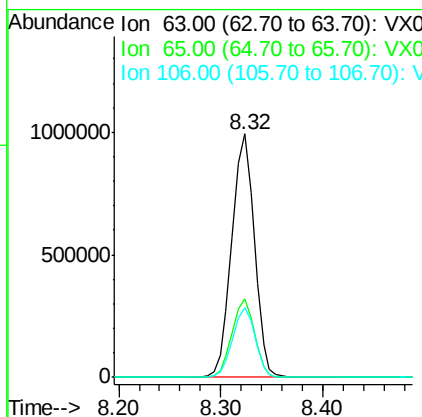
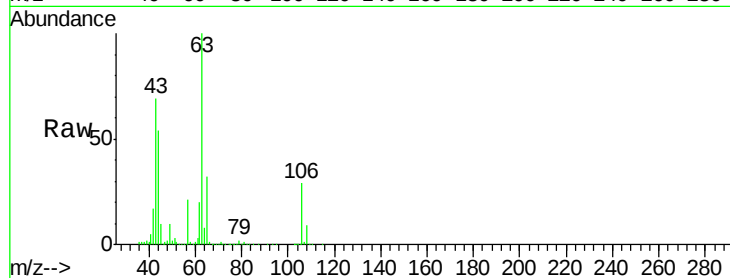
Tot Ion: 63 Resp: 1519378

Ion Ratio Lower Upper

63 100

65 32.2 25.6 38.4

106 28.4 21.6 32.4



#56

Bromoform

Concen: 137.782 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

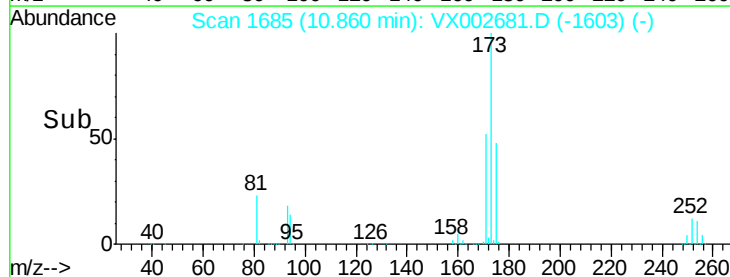
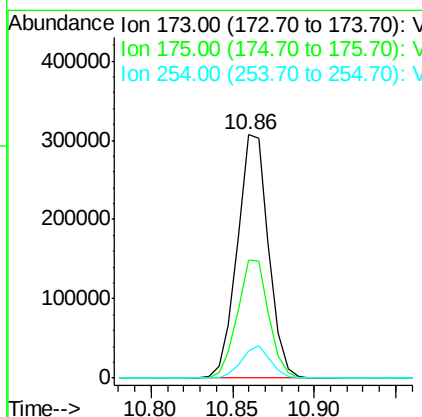
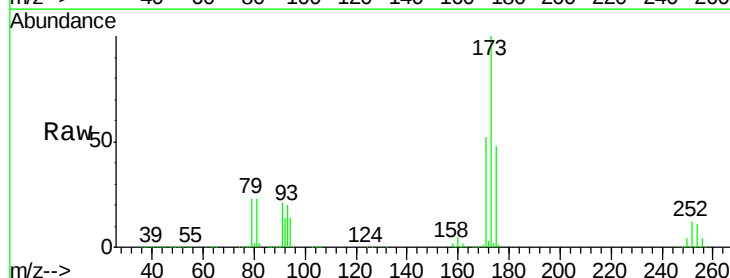
Tgt Ion: 173 Resp: 408417

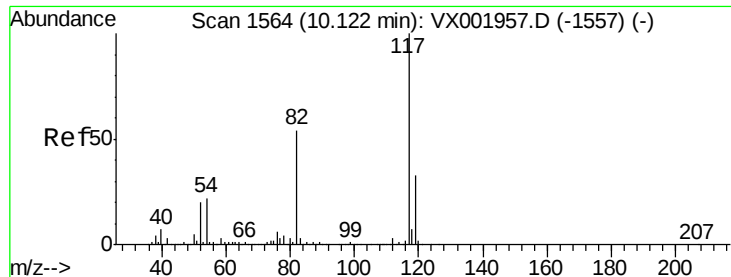
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 12.4 9.6 14.4

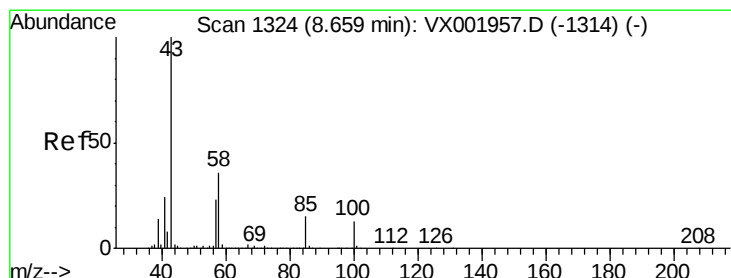
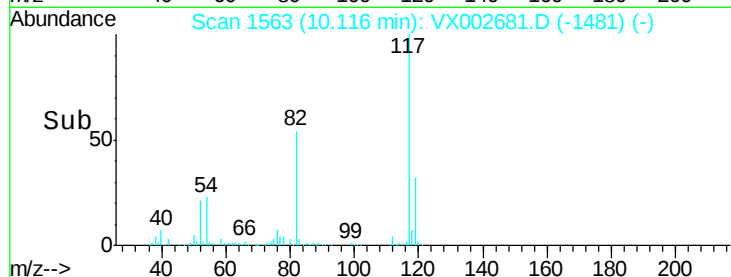
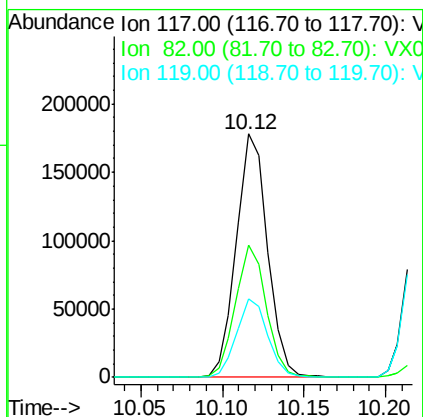
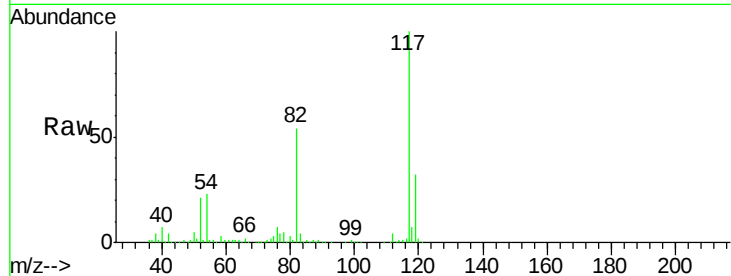




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

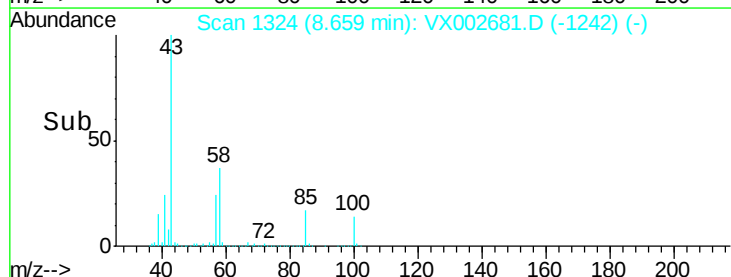
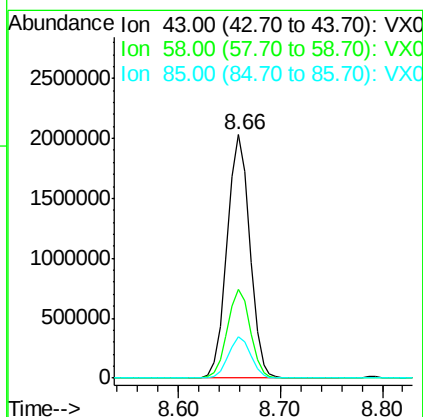
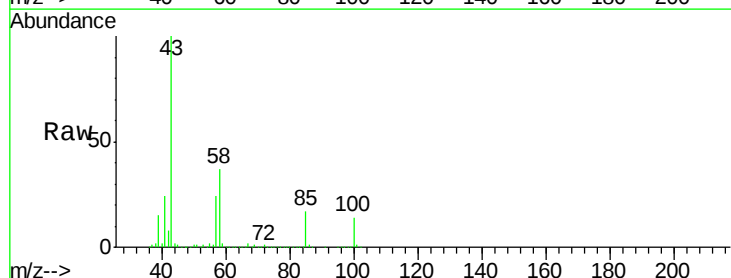
Instrument :
MSVOA_X
ClientSampleId :

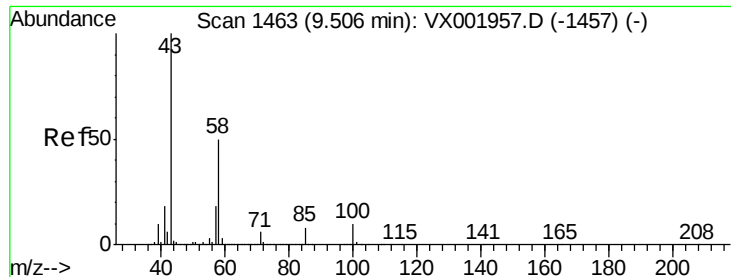
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.3	66.5
119	32.4	25.7	38.5



#58
4-Methyl-2-Pentanone
Concen: 603.056 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.6	28.2	42.4
85	16.8	12.4	18.6

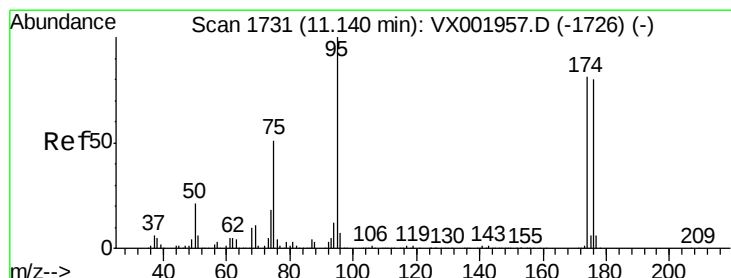
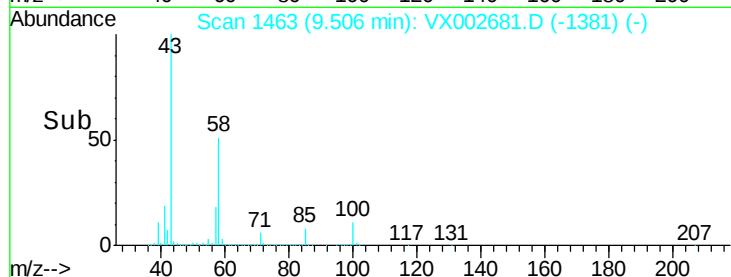
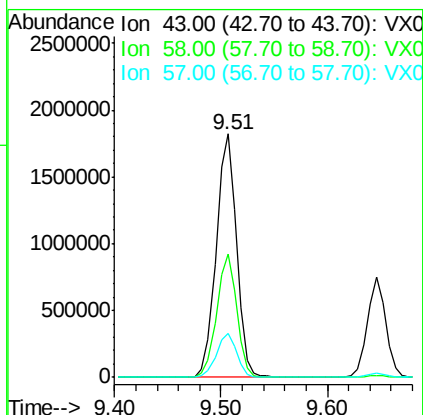
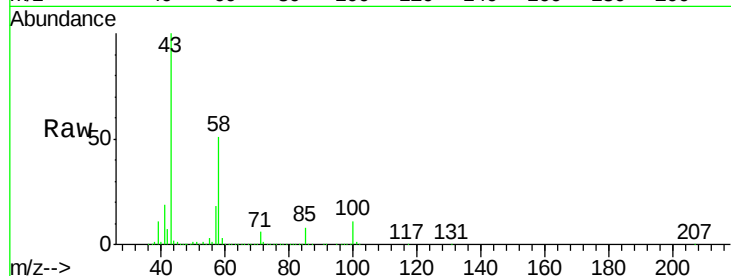




#59
2-Hexanone
Concen: 594.975 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

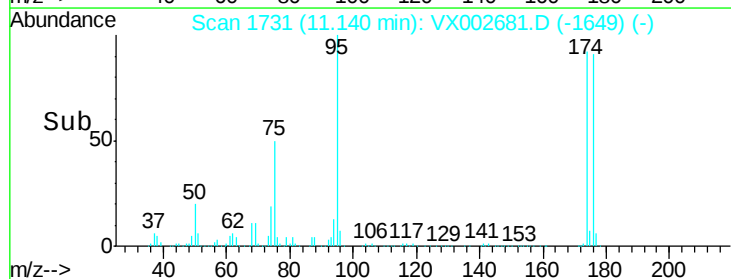
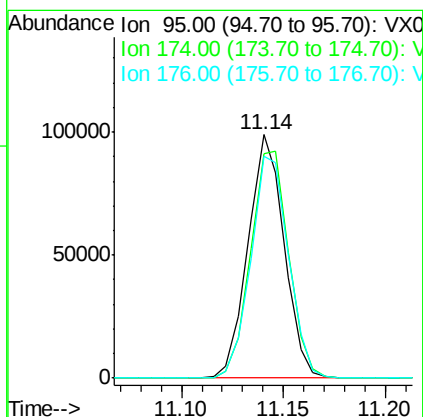
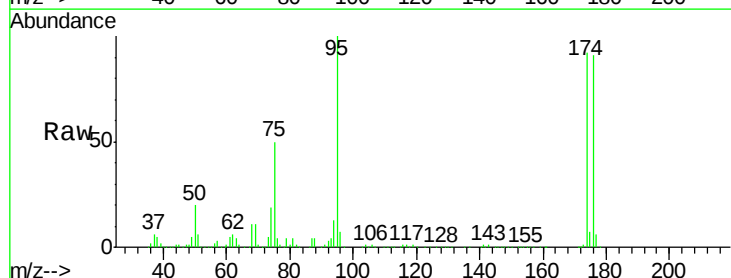
Instrument :
MSVOA_X
ClientSampleId :

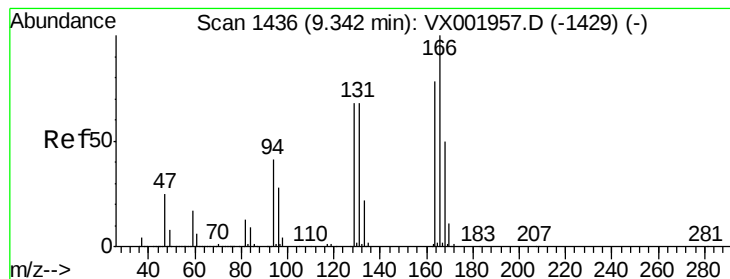
Tot Ion: 43 Resp: 2396388
Ion Ratio Lower Upper
43 100
58 50.3 39.6 59.4
57 18.1 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.893 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Tgt Ion: 95 Resp: 122050
Ion Ratio Lower Upper
95 100
174 98.3 71.8 107.6
176 95.6 70.1 105.1





#61

Tetrachloroethene

Concen: 132.326 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 481391

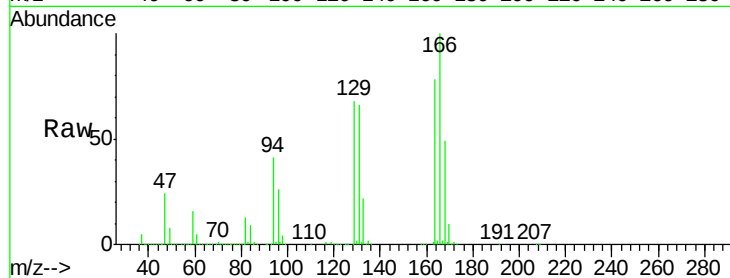
Ion Ratio Lower Upper

164 100

166 128.0 102.4 153.6

129 86.6 70.1 105.1

131 84.8 69.1 103.7

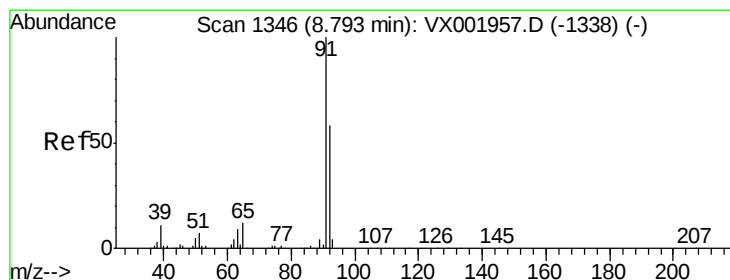
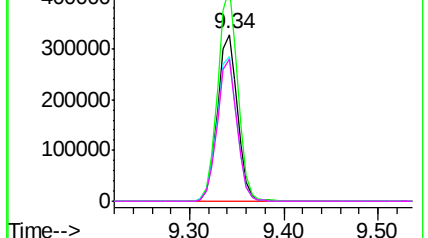
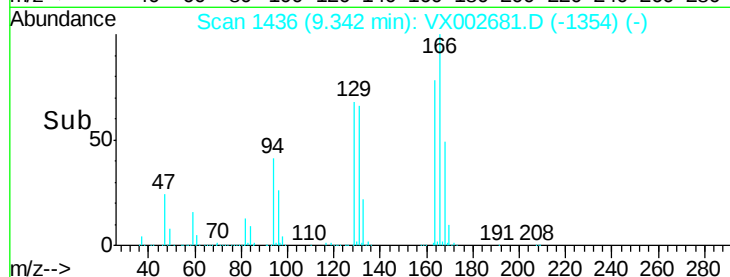


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 141.753 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX002681.D

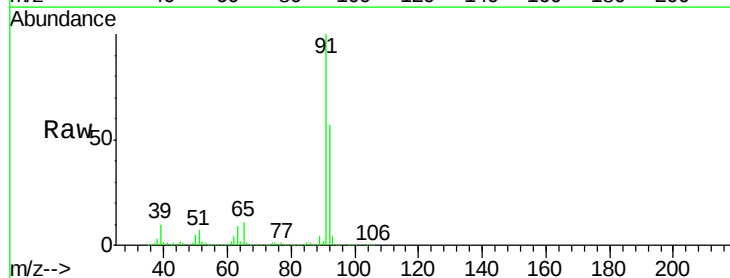
Acq: 18 Jun 2018 14:29

Tgt Ion: 91 Resp: 1726660

Ion Ratio Lower Upper

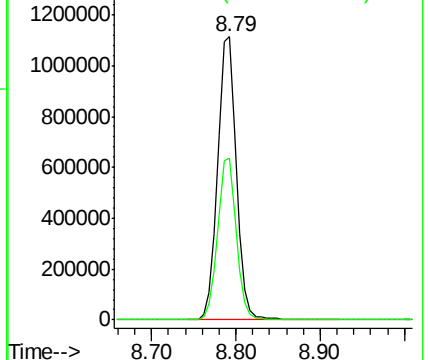
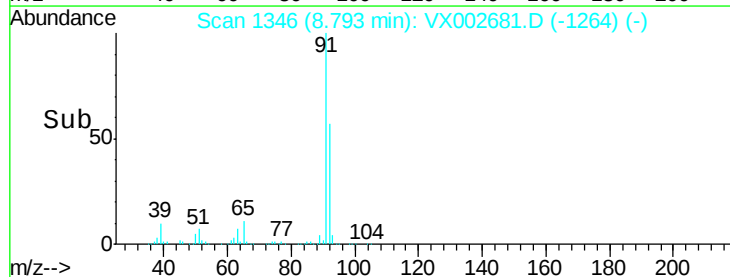
91 100

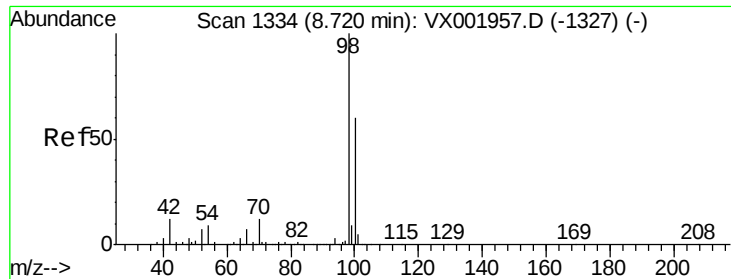
92 56.9 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 28.969 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

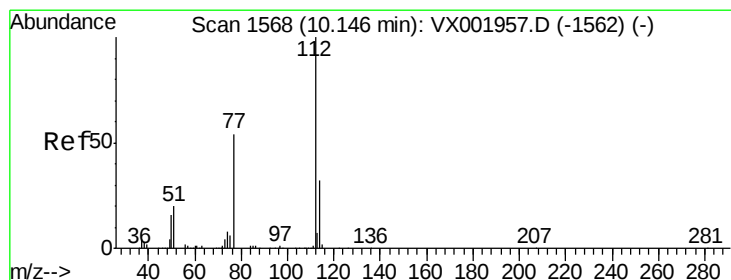
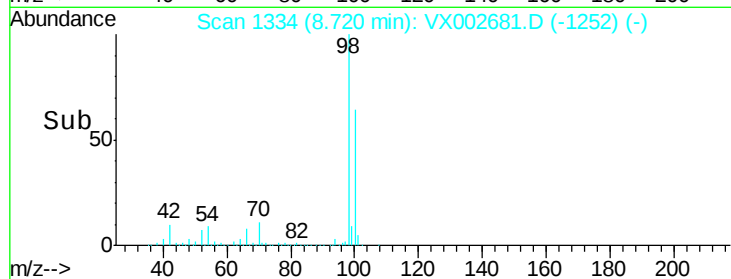
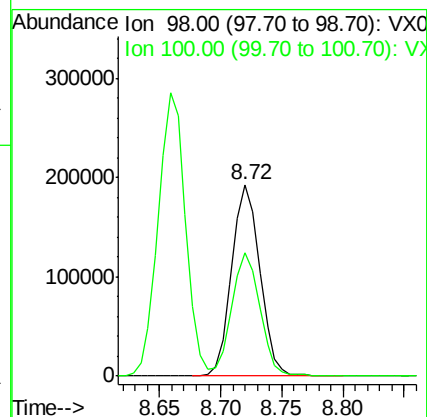
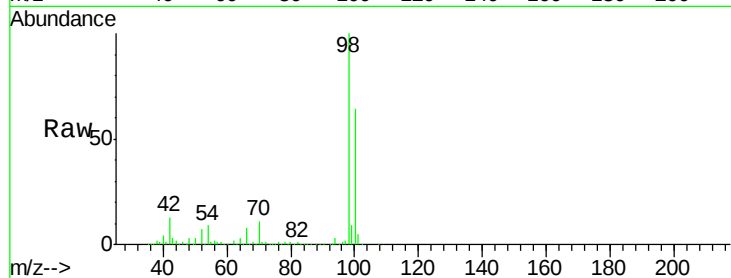
ClientSampleId :

Tot Ion: 98 Resp: 307958

Ion Ratio Lower Upper

98 100

100 65.0 50.8 76.2



#64

Chlorobenzene

Concen: 146.354 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002681.D

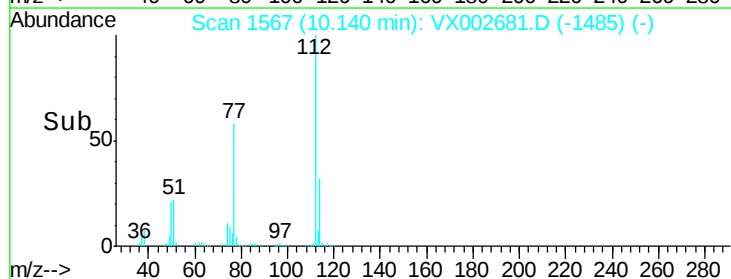
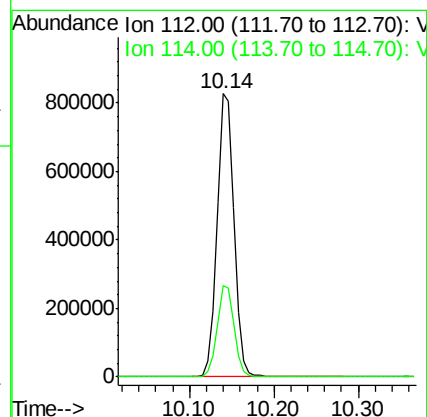
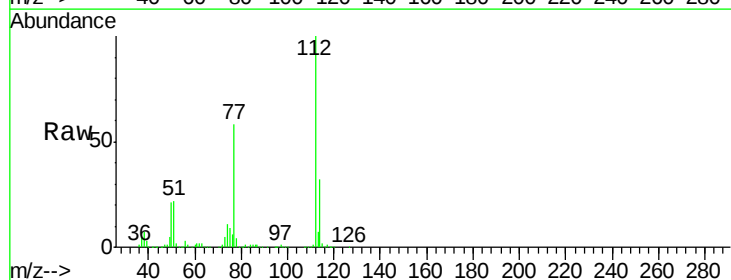
Acq: 18 Jun 2018 14:29

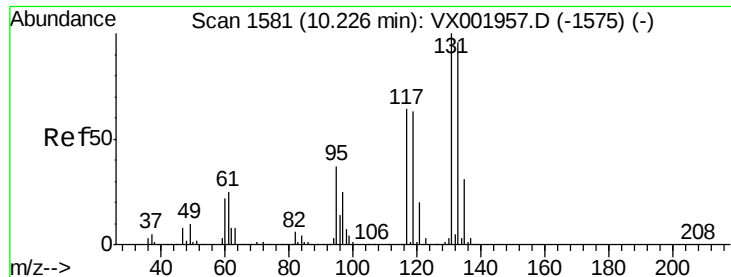
Tgt Ion: 112 Resp: 1153805

Ion Ratio Lower Upper

112 100

114 32.1 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 139.380 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

ClientSampled :

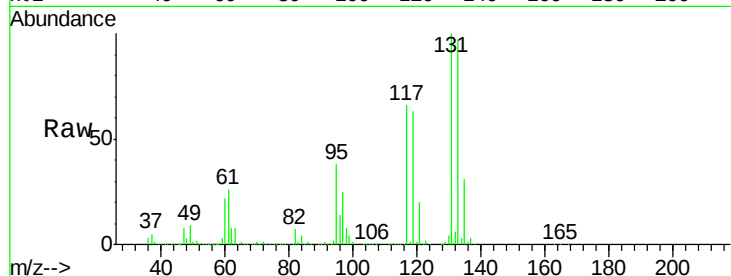
Tot Ion:131 Resp: 447170

Ion Ratio Lower Upper

131 100

133 96.2 0.0 191.2

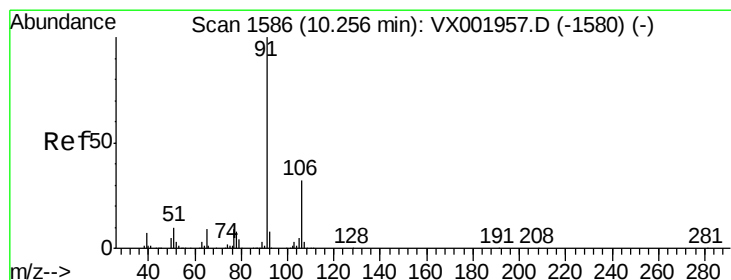
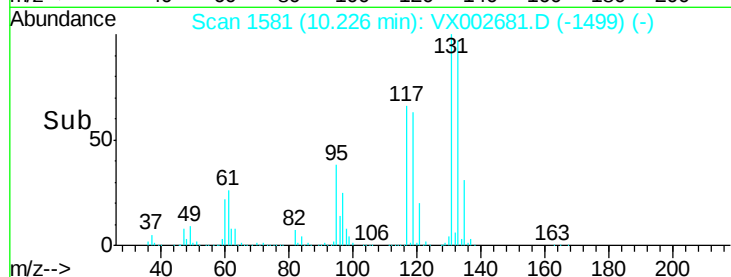
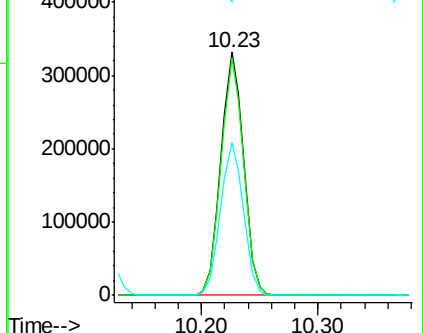
119 62.9 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 144.949 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002681.D

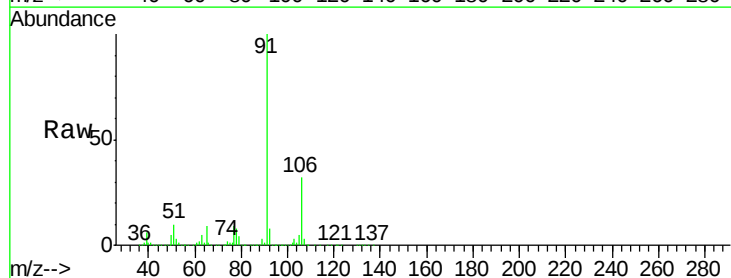
Acq: 18 Jun 2018 14:29

Tgt Ion: 91 Resp: 1984363

Ion Ratio Lower Upper

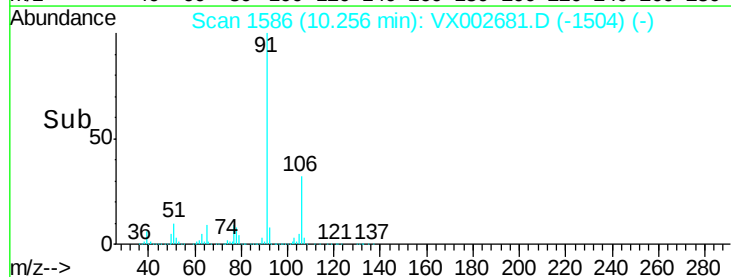
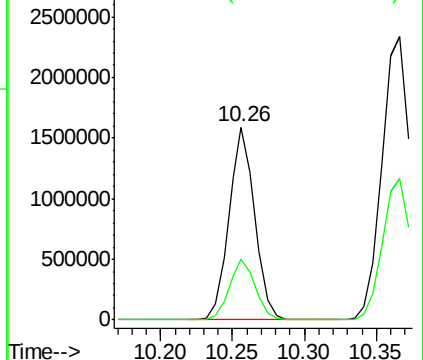
91 100

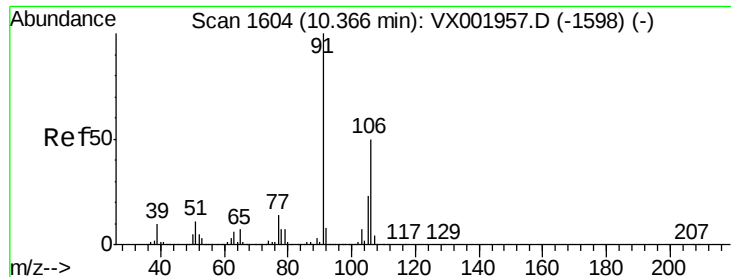
106 31.6 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 299.512 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

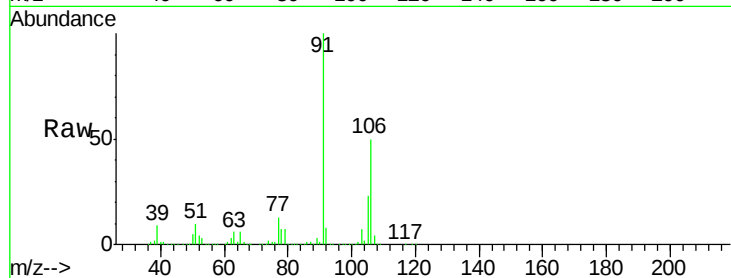
ClientSampleId :

Tot Ion:106 Resp: 1556594

Ion Ratio Lower Upper

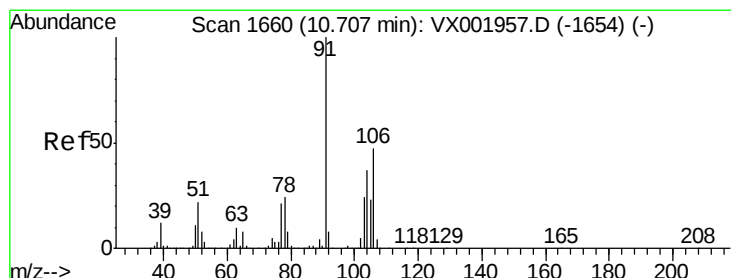
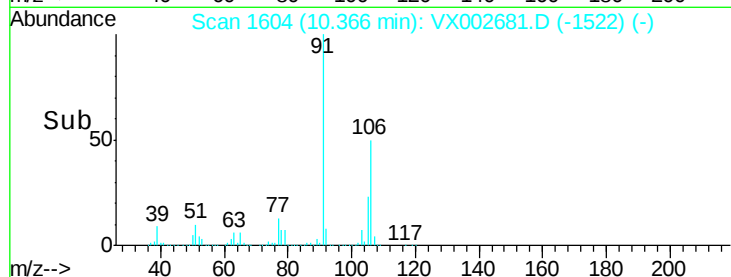
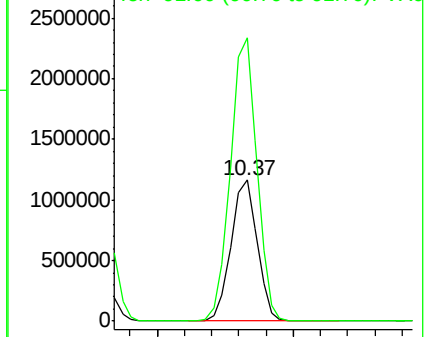
106 100

91 203.0 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 147.049 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX002681.D

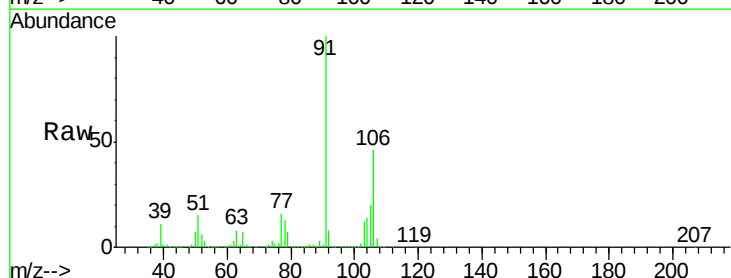
Acq: 18 Jun 2018 14:29

Tgt Ion:106 Resp: 765427

Ion Ratio Lower Upper

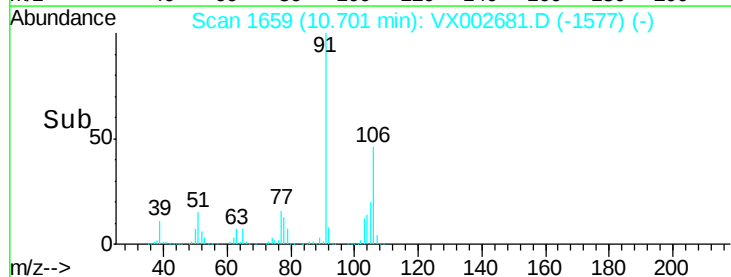
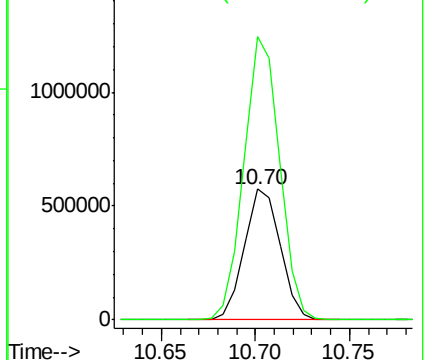
106 100

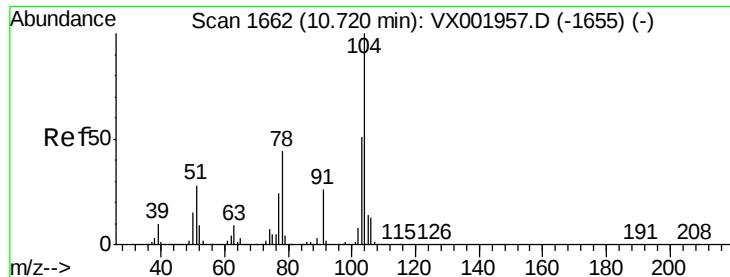
91 214.2 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

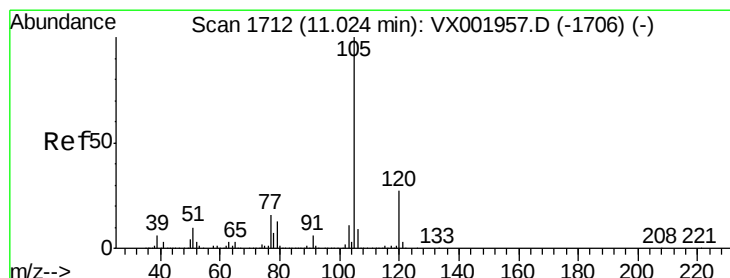
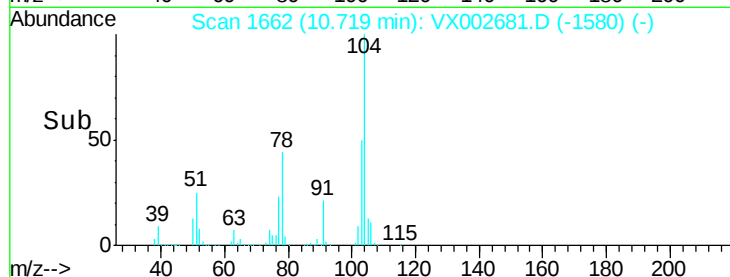
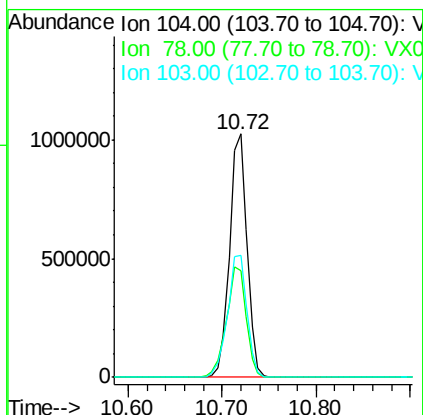
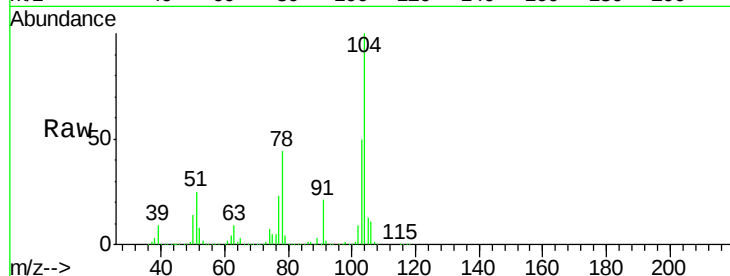




#69
Stvrene
Concen: 150.652 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

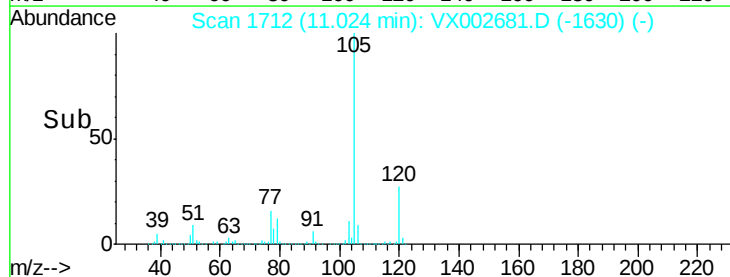
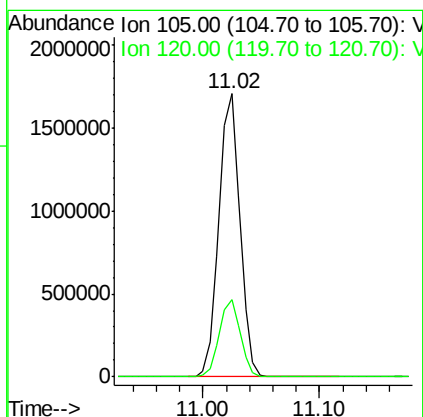
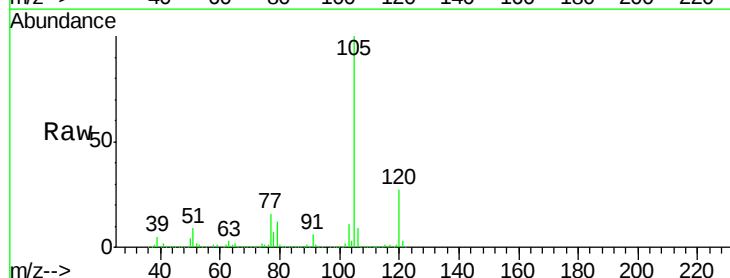
Instrument :
MSVOA_X
ClientSampled :

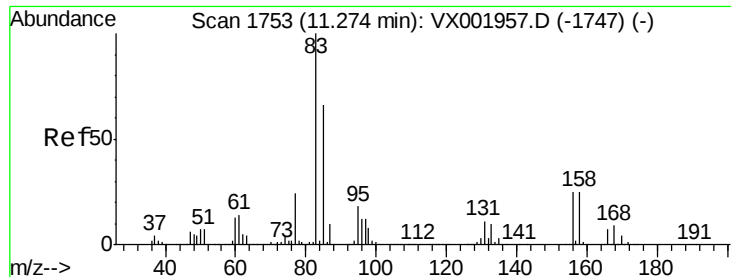
Tot Ion:104 Resp: 1316428
Ion Ratio Lower Upper
104 100
78 51.1 41.8 62.8
103 55.9 44.9 67.3



#70
Isopropylbenzene
Concen: 152.162 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Tgt Ion:105 Resp: 2120227
Ion Ratio Lower Upper
105 100
120 27.0 19.0 35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 146.046 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

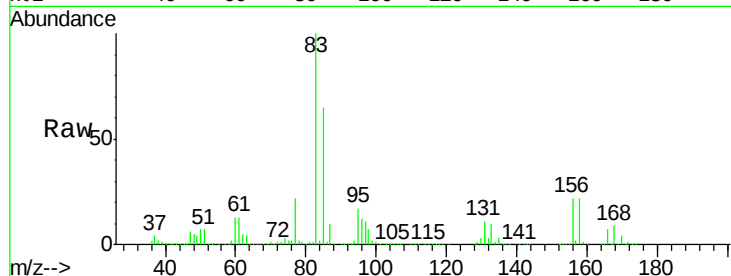
Tot Ion: 83 Resp: 637852

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

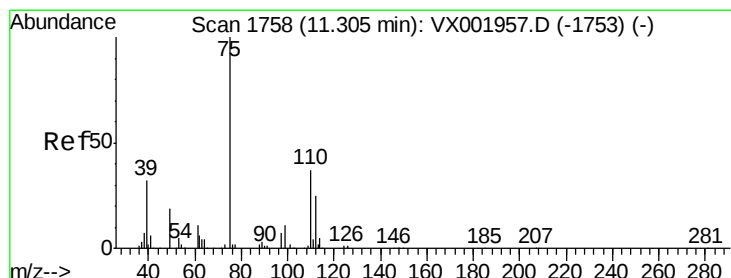
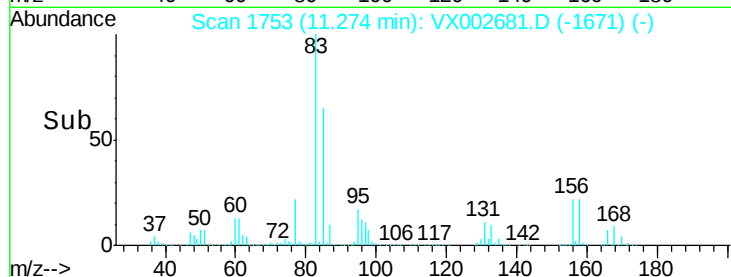
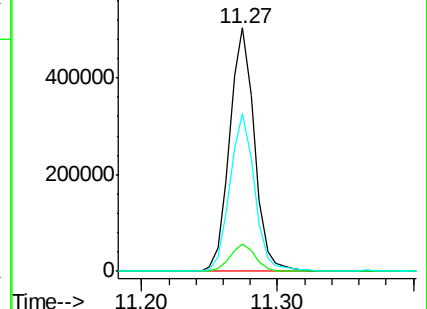
85 64.6 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 183.446 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX002681.D

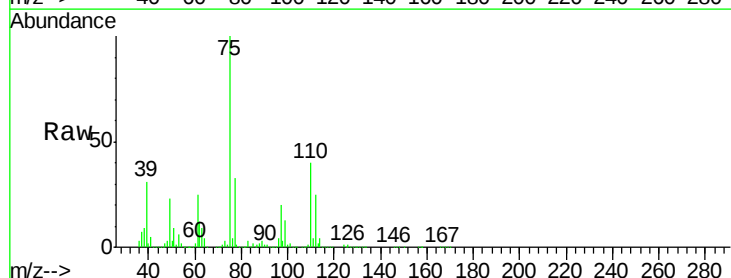
Acq: 18 Jun 2018 14:29

Tgt Ion: 75 Resp: 754624

Ion Ratio Lower Upper

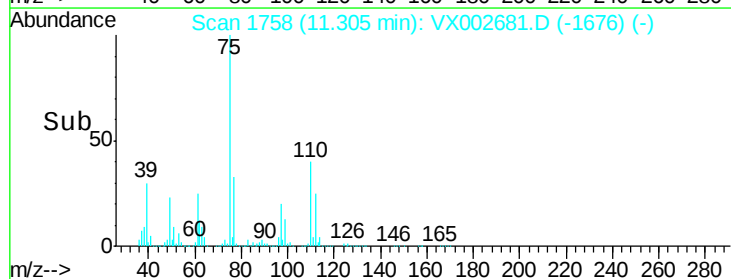
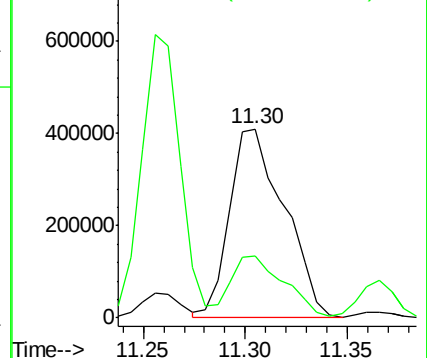
75 100

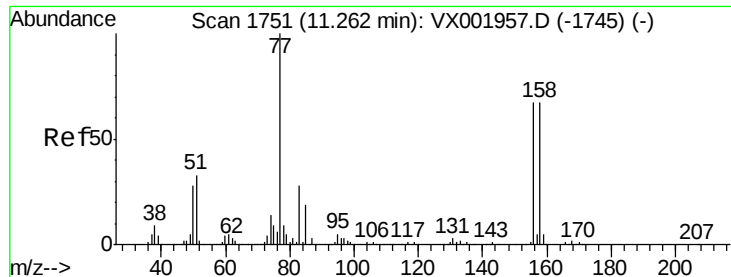
77 31.3 0.0 71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 157.074 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

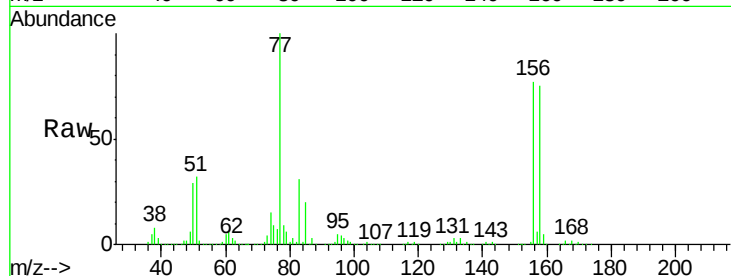
Tot Ion:156 Resp: 587881

Ion Ratio Lower Upper

156 100

77 136.7 0.0 301.0

158 96.8 0.0 196.2

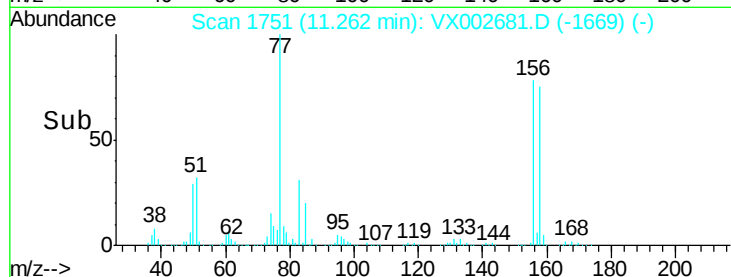


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

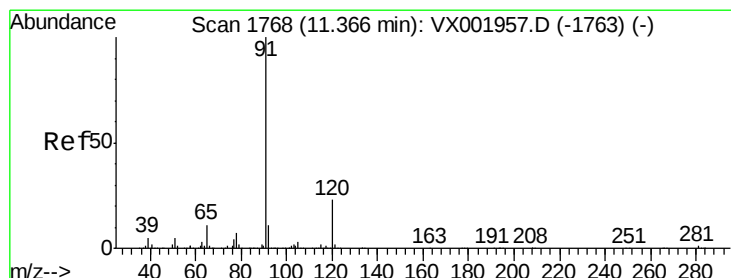
Ion 158.00 (157.70 to 158.70): V

Time-->



11.26

Time-->



#74

n-propylbenzene

Concen: 156.776 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002681.D

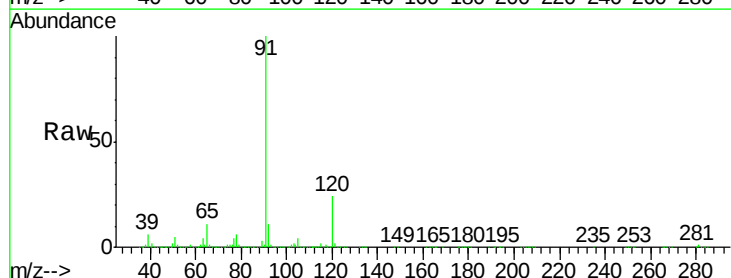
Acq: 18 Jun 2018 14:29

Tgt Ion: 91 Resp: 2438532

Ion Ratio Lower Upper

91 100

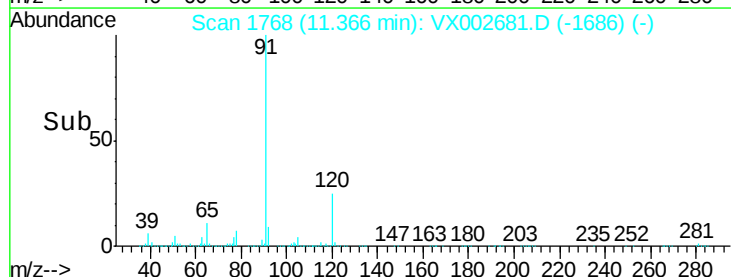
120 23.9 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

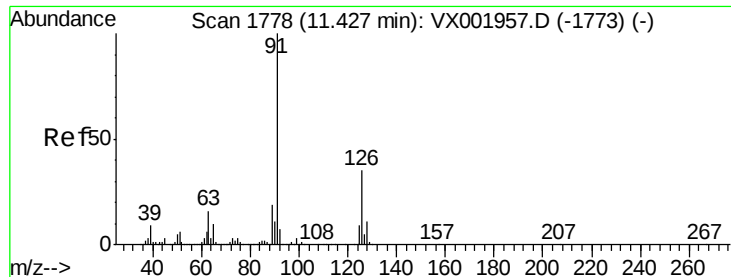
Ion 120.00 (119.70 to 120.70): V

Time-->



11.37

Time-->



#75

2-Chlorotoluene

Concen: 147.841 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

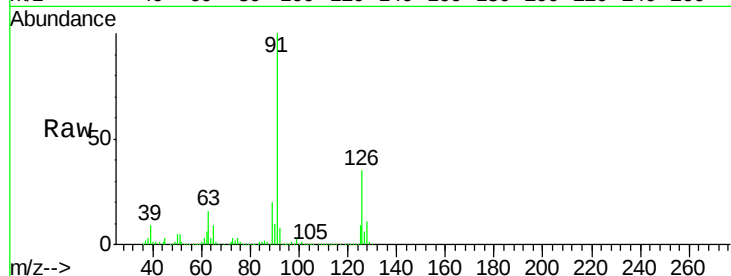
ClientSampleId :

Tot Ion: 91 Resp: 1418206

Ion Ratio Lower Upper

91 100

126 35.9 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX001957.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001957.D (-1773) (-)

2000000

1500000

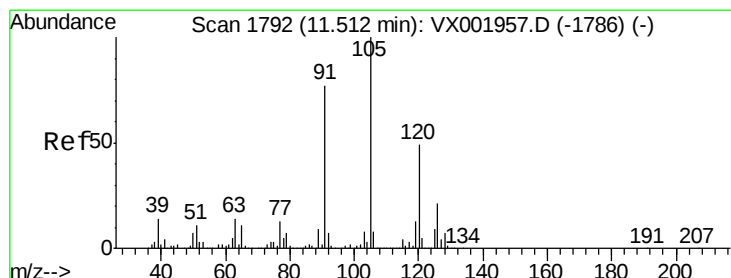
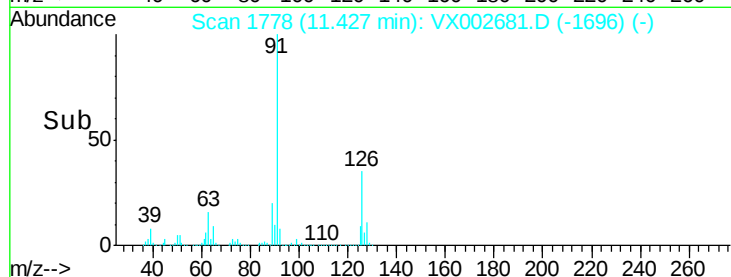
1000000

500000

0

11.40 11.43 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 153.743 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002681.D

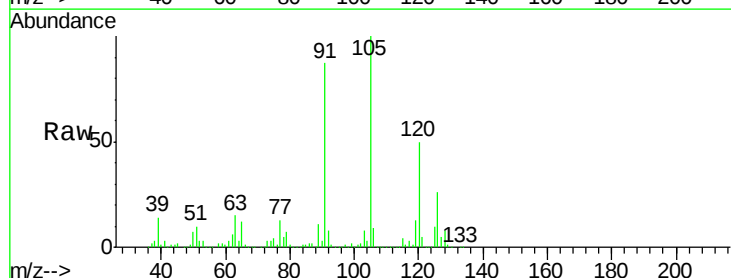
Acq: 18 Jun 2018 14:29

Tgt Ion:105 Resp: 1821463

Ion Ratio Lower Upper

105 100

120 49.3 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX001957.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001957.D (-1786) (-)

1500000

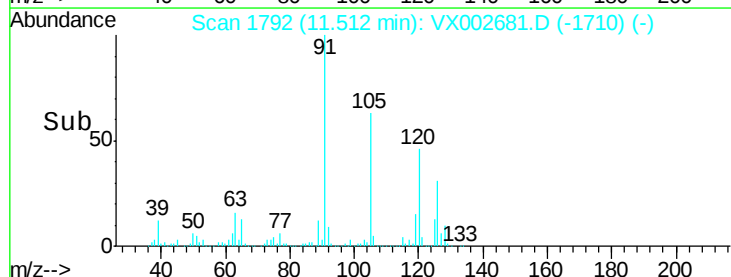
1000000

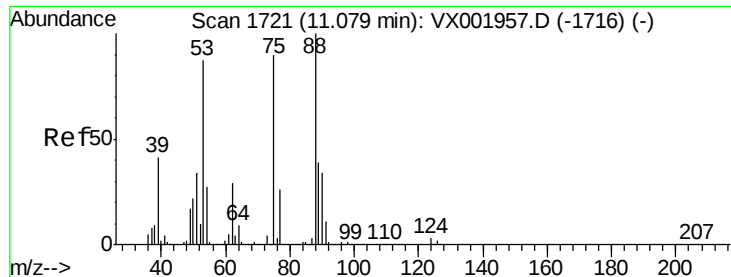
500000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 135.532 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

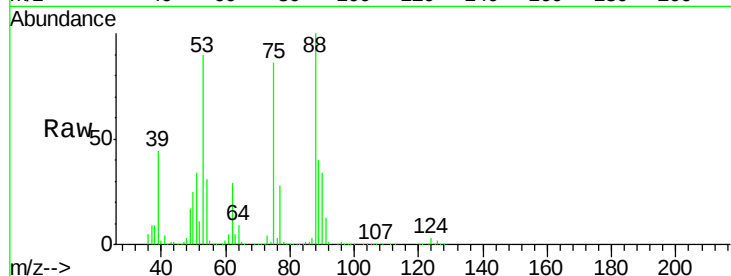
Tot Ion: 75 Resp: 201987

Ion Ratio Lower Upper

75 100

53 104.4 48.3 144.9

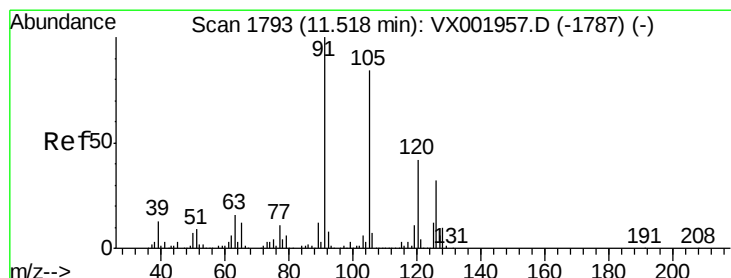
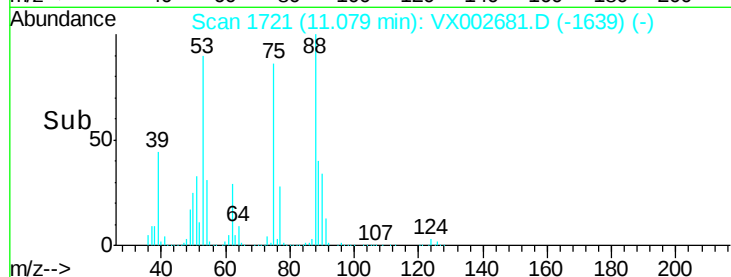
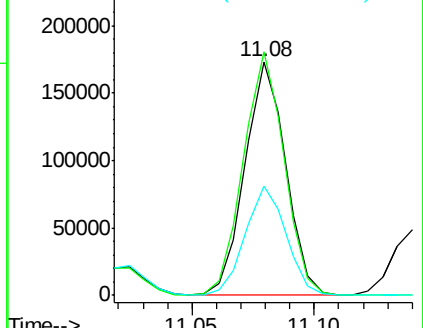
89 46.7 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 157.533 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002681.D

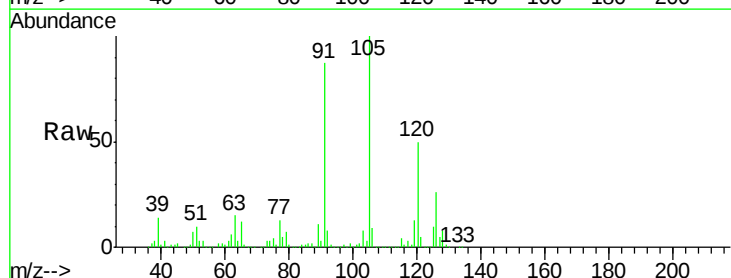
Acq: 18 Jun 2018 14:29

Tgt Ion: 91 Resp: 1718606

Ion Ratio Lower Upper

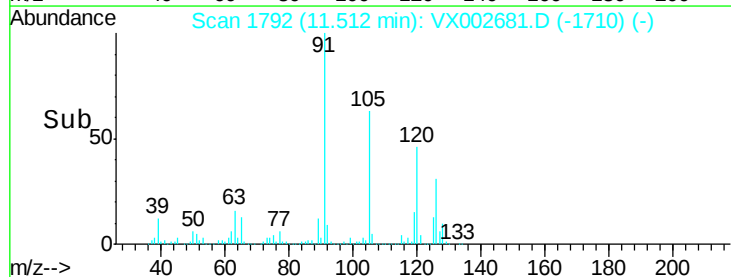
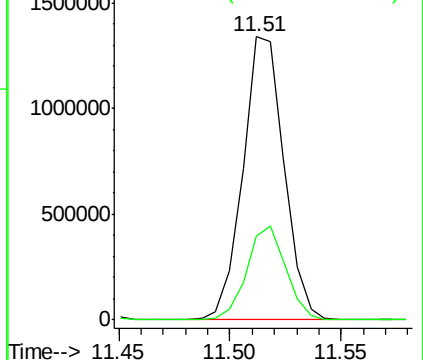
91 100

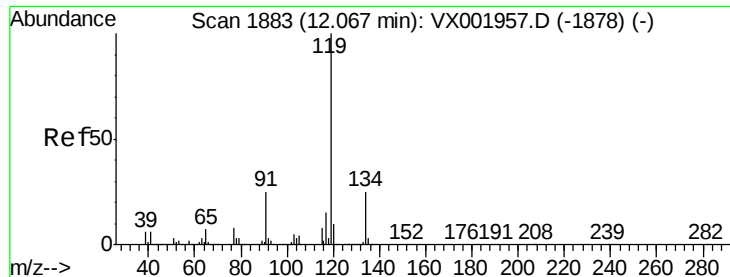
126 31.6 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

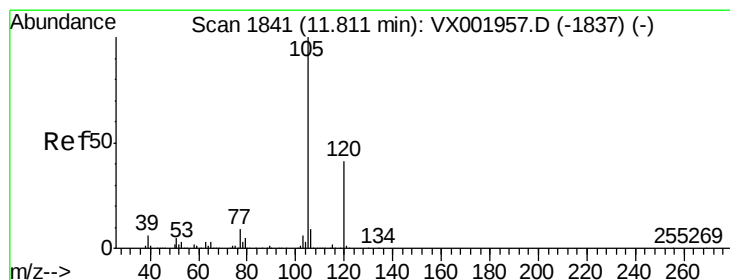
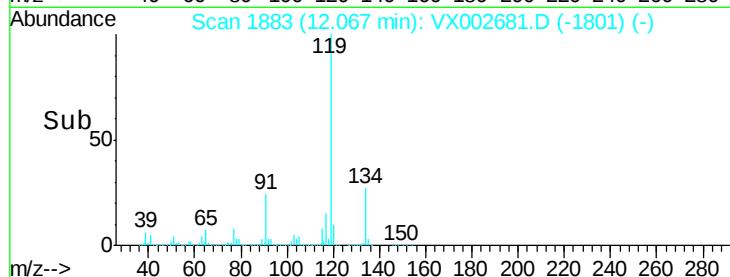
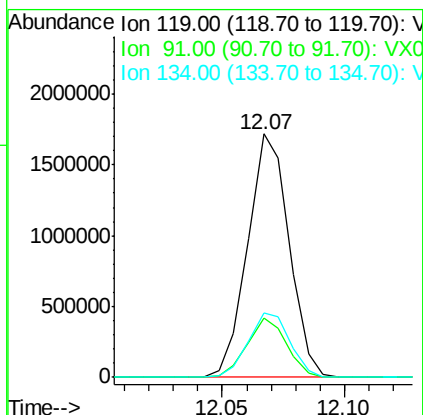
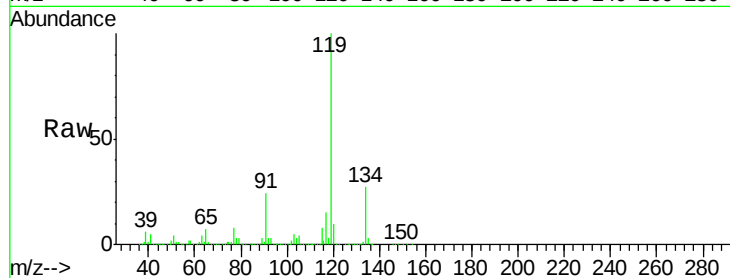




#79
tert-butylbenzene
Concen: 162.356 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

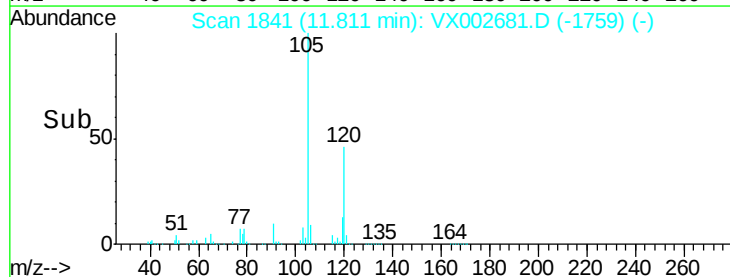
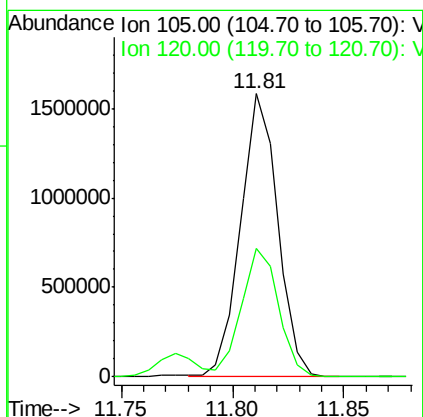
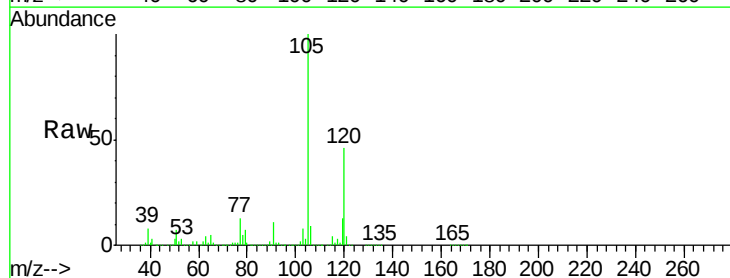
Instrument :
MSVOA_X
ClientSampled :

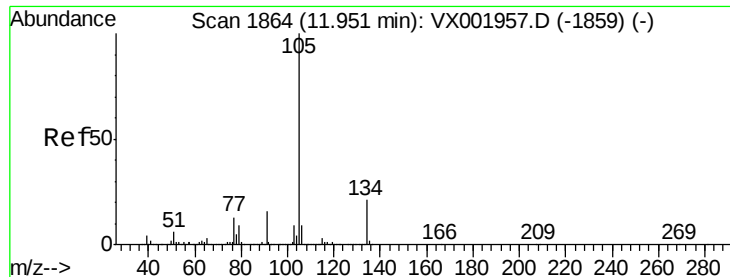
Tot Ion:119 Resp: 2016911
Ion Ratio Lower Upper
119 100
91 23.7 0.0 48.0
134 27.0 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 153.827 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002681.D
Acq: 18 Jun 2018 14:29

Tgt Ion:105 Resp: 1842425
Ion Ratio Lower Upper
105 100
120 45.2 0.0 89.2

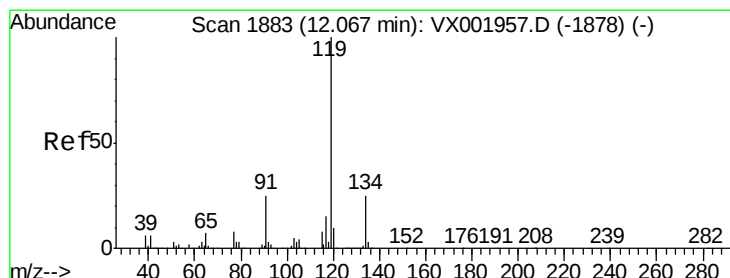
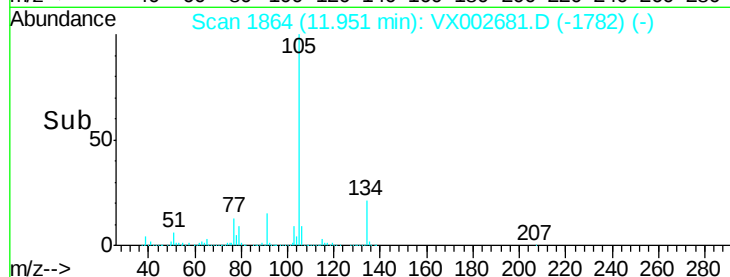
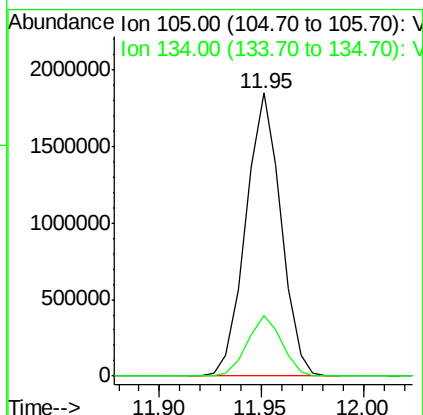
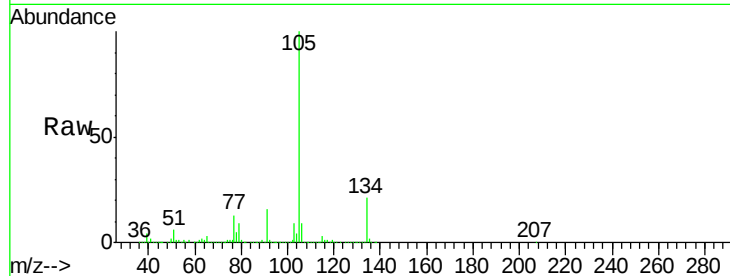




#81
 sec-Butylbenzene
 Concen: 158.918 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

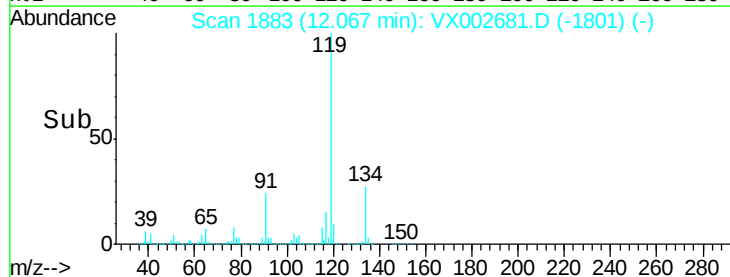
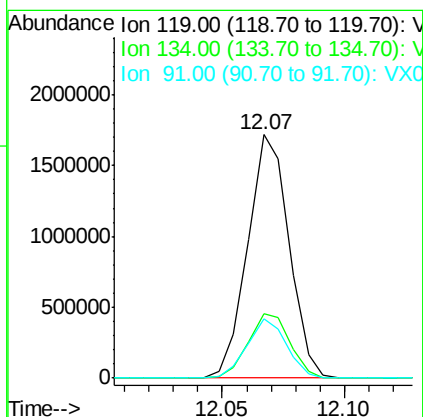
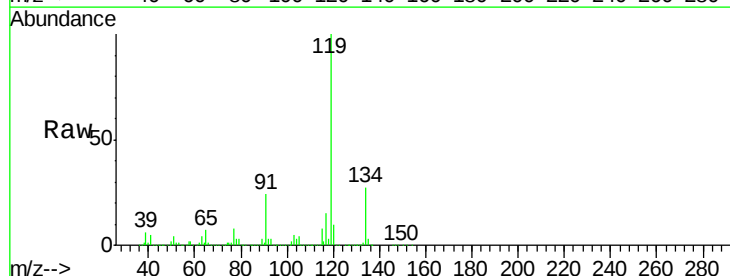
Instrument :
 MSVOA_X
 ClientSampleId :

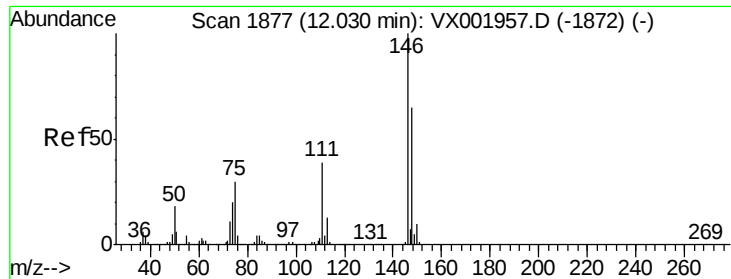
Tot Ion:105 Resp: 2206862
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 162.356 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

Tgt Ion:119 Resp: 2016911
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 52.6
 91 23.7 0.0 48.0

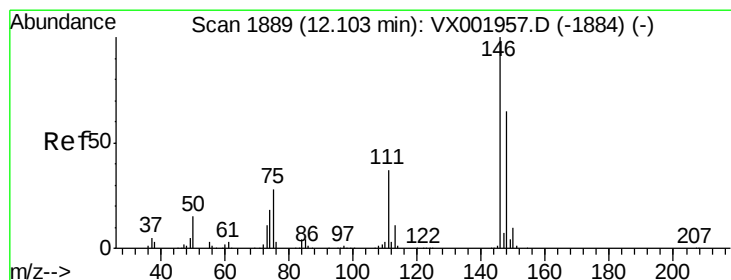
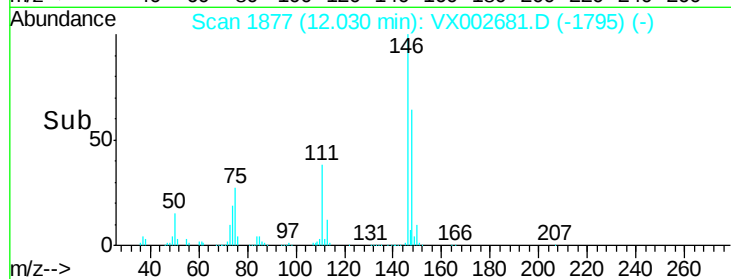
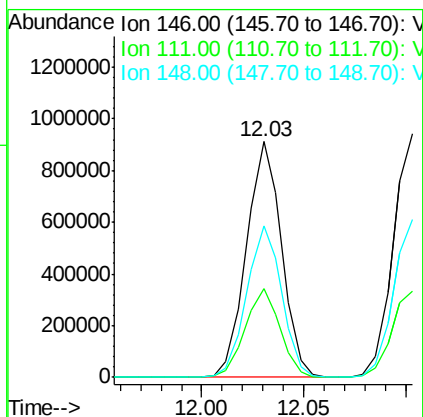
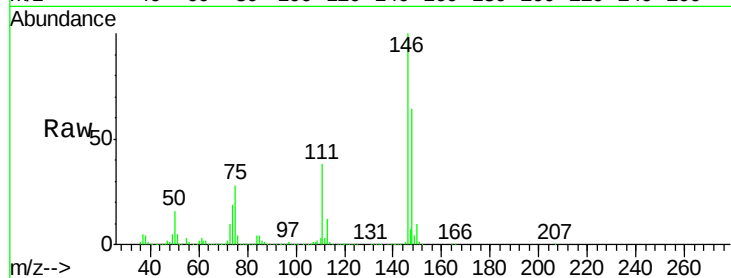




#83
 1,3-Dichlorobenzene
 Concen: 164.549 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

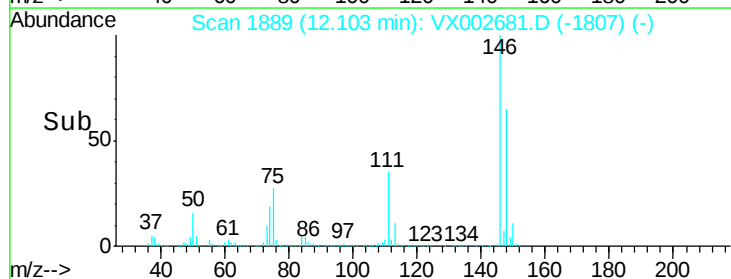
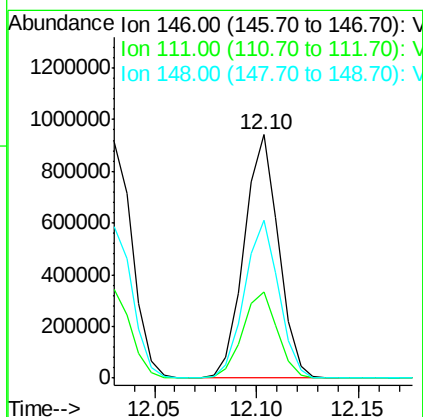
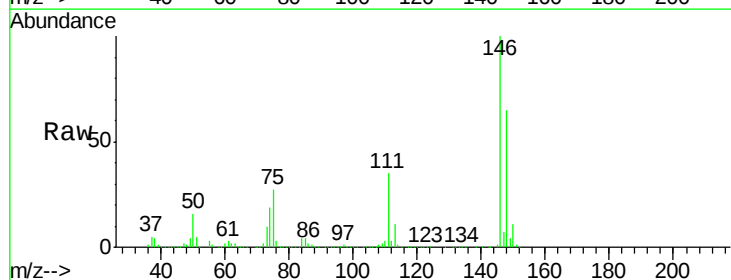
Instrument :
 MSVOA_X
 ClientSampleId :

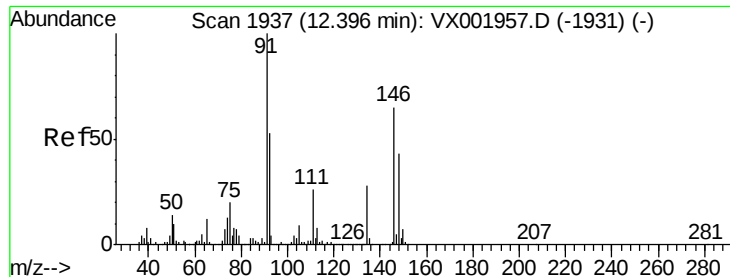
Tot Ion:146 Resp: 1091273
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.1 57.5
 148 64.2 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 167.247 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

Tgt Ion:146 Resp: 1104013
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.5 55.5
 148 64.5 32.0 96.0





#85

n-Butylbenzene

Concen: 174.996 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

ClientSampled :

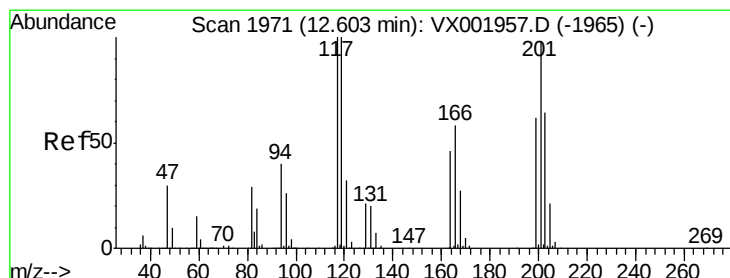
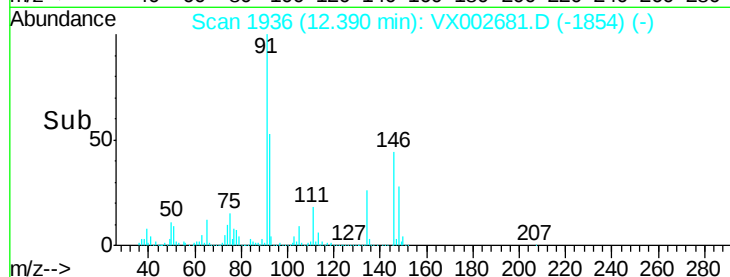
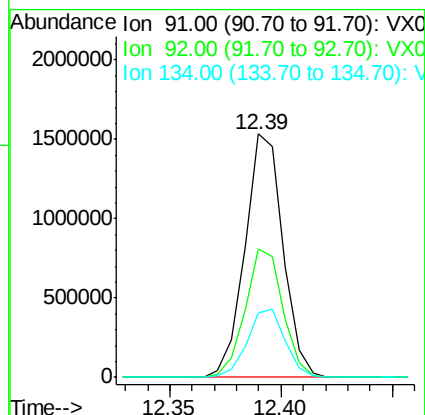
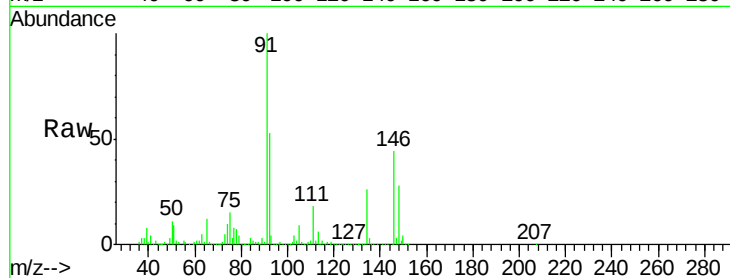
Tot Ion: 91 Resp: 1823176

Ion Ratio Lower Upper

91 100

92 52.4 0.0 105.2

134 27.8 0.0 53.2



#86

Hexachloroethane

Concen: 137.374 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX002681.D

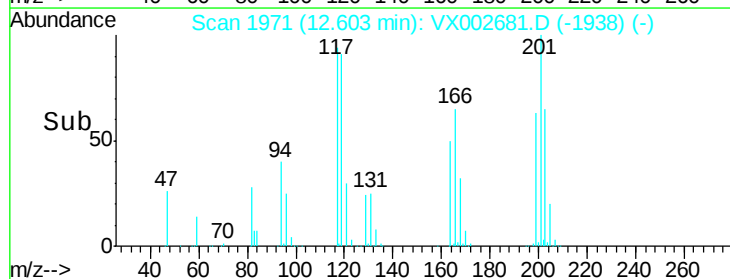
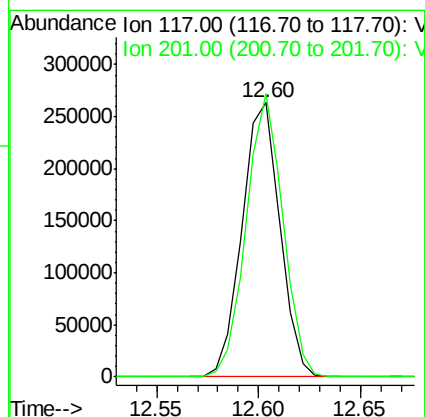
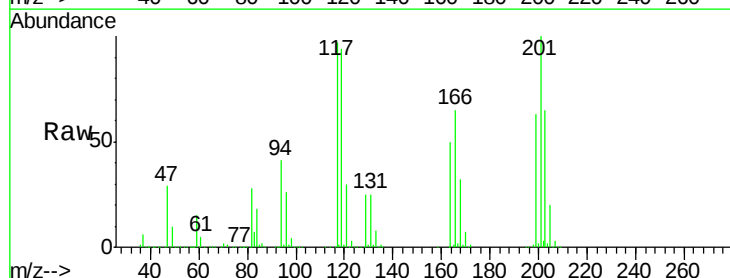
Acq: 18 Jun 2018 14:29

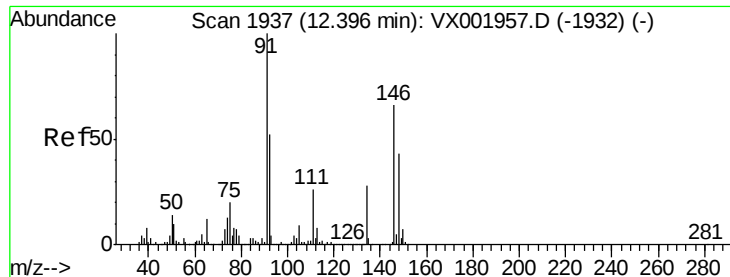
Tgt Ion: 117 Resp: 339597

Ion Ratio Lower Upper

117 100

201 99.7 47.6 142.8





#87

1,2-Dichlorobenzene

Concen: 161.264 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

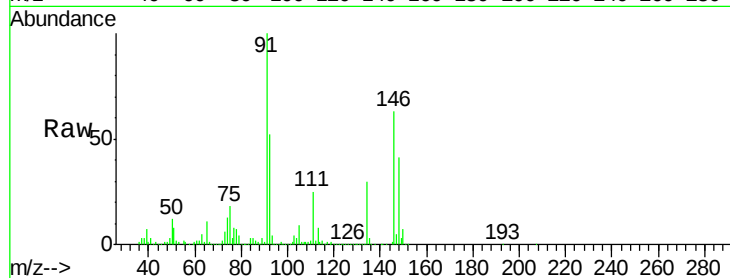
Tot Ion:146 Resp: 1101548

Ion Ratio Lower Upper

146 100

111 38.9 20.0 59.9

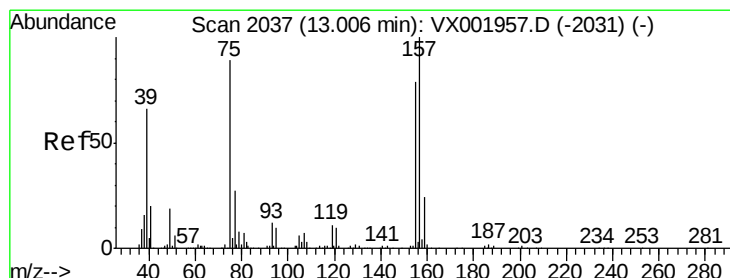
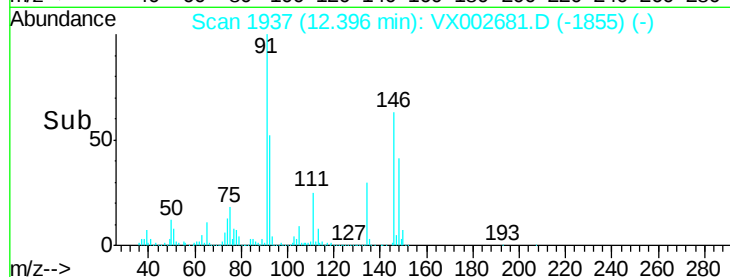
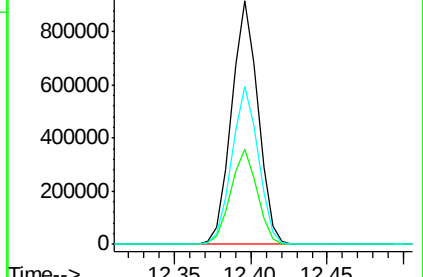
148 64.4 32.8 98.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 119.913 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

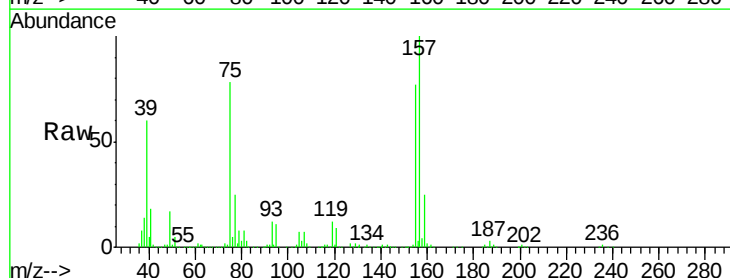
Tgt Ion: 75 Resp: 152531

Ion Ratio Lower Upper

75 100

155 96.1 73.1 109.7

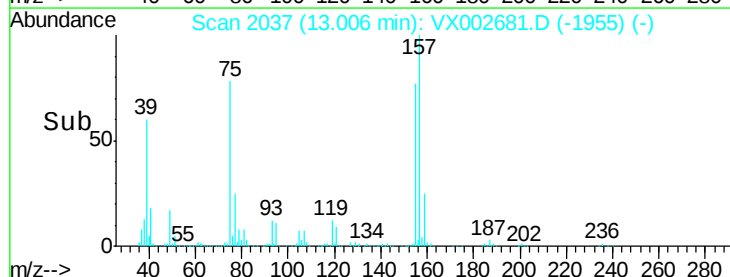
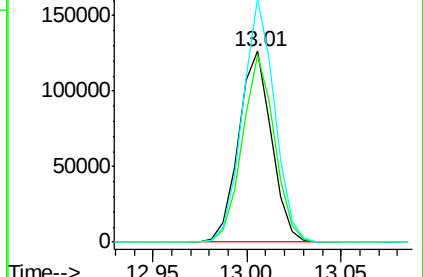
157 124.0 93.1 139.7

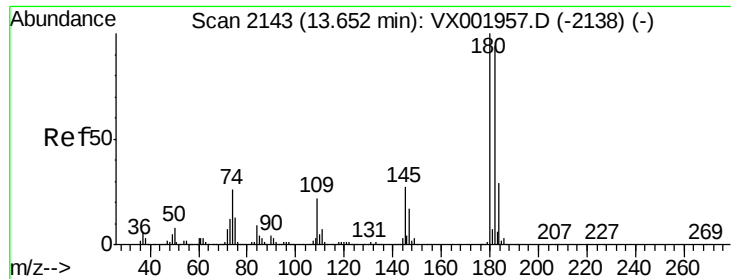


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

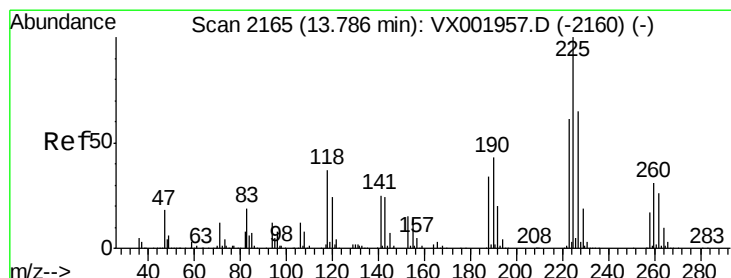
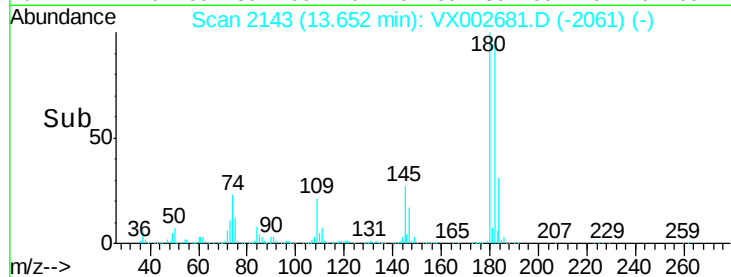
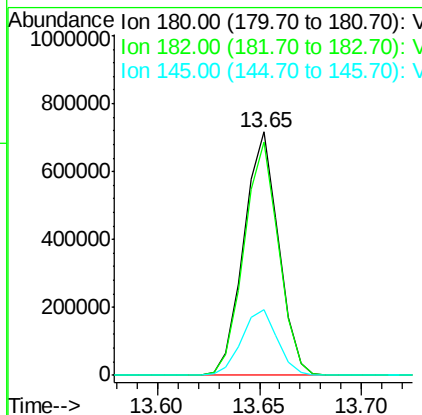
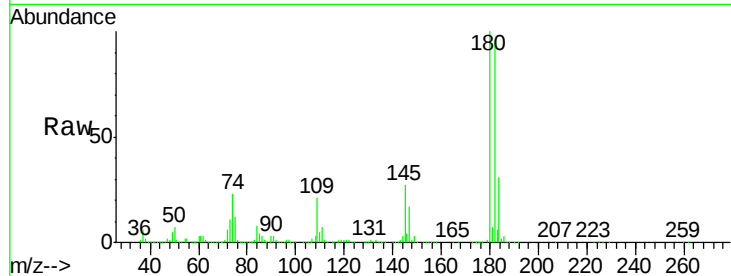




#89
 1,2,4-Trichlorobenzene
 Concen: 174.816 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

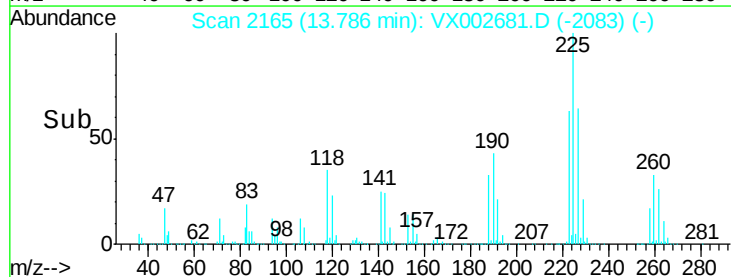
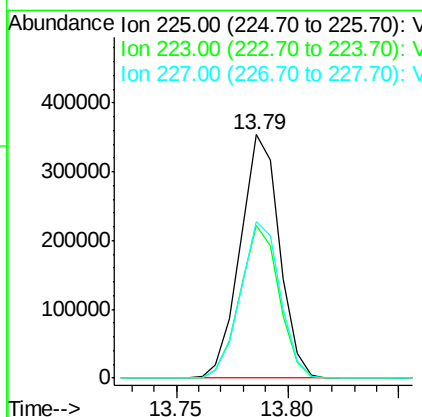
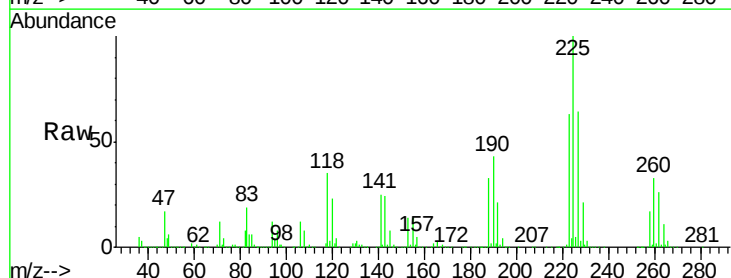
Instrument :
 MSVOA_X
 ClientSampleId :

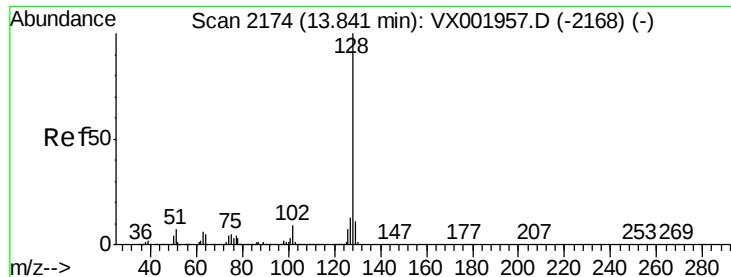
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	27.8	22.9	34.3



#90
 Hexachlorobutadiene
 Concen: 168.367 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002681.D
 Acq: 18 Jun 2018 14:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	0.0	122.4
227	65.0	0.0	128.0





#91

Naphthalene

Concen: 147.626 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

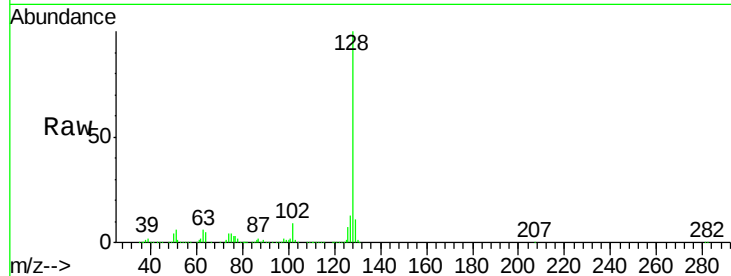
Tot Ion:128 Resp: 2259779

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

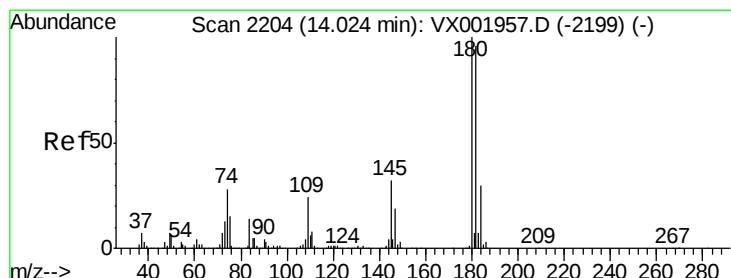
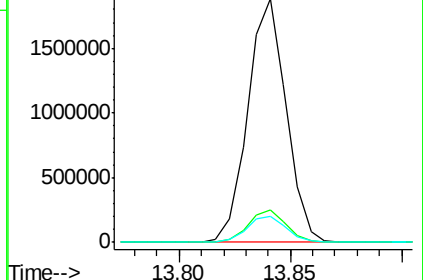
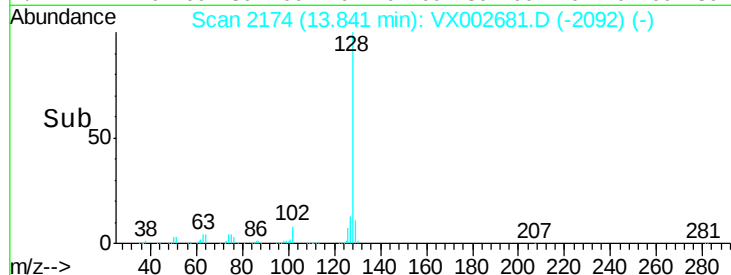
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 165.785 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002681.D

Acq: 18 Jun 2018 14:29

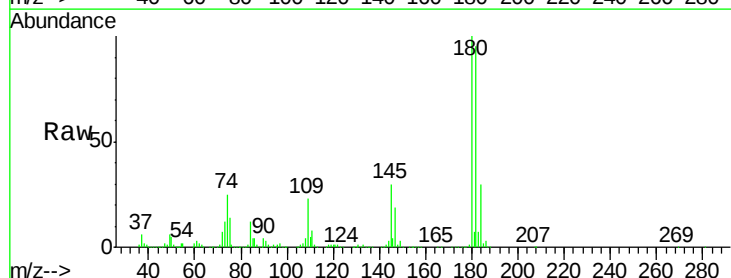
Tgt Ion:180 Resp: 839958

Ion Ratio Lower Upper

180 100

182 95.8 0.0 191.0

145 29.4 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

