

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003145.D
 Acq On : 03 Jul 2018 13:37
 Operator : JC/MD
 Sample : J3754-12MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 03:13:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	289421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	409929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188635	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	5.51	113	159822	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	8.72	98	544130	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
62) 4-Bromofluorobenzene	11.14	95	207050	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	133095	51.51	ug/l	99
3) Chloromethane	1.32	50	141246	52.71	ug/l	99
4) Vinyl Chloride	1.40	62	163296	49.89	ug/l	99
5) Bromomethane	1.64	94	53368	34.06	ug/l	97
6) Chloroethane	1.72	64	99667	51.99	ug/l	100
7) Trichlorofluoromethane	1.93	101	247343	44.80	ug/l	99
8) Diethyl Ether	2.19	74	94751	47.21	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140222	43.83	ug/l	97
10) Methyl Iodide	2.51	142	137890	43.44	ug/l	98
11) Tert butyl alcohol	3.09	59	215382	270.27	ug/l	99
12) 1,1-Dichloroethene	2.37	96	134928	47.27	ug/l	92
13) Acrolein	2.29	56	56549	130.06	ug/l	96
14) Allyl chloride	2.73	41	234305	41.64	ug/l	95
15) Acrylonitrile	3.15	53	420968	247.31	ug/l	99
16) Acetone	2.45	43	387752	234.05	ug/l	95
17) Carbon Disulfide	2.57	76	367293	48.30	ug/l	98
18) Methyl Acetate	2.78	43	154043	33.26	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	479781	46.76	ug/l	99
20) Methylene Chloride	2.86	84	152219	47.22	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	145991	46.96	ug/l	93
22) Diisopropyl ether	3.88	45	493717	45.91	ug/l	96
23) Vinyl Acetate	3.83	43	1608261	176.59	ug/l	98
24) 1,1-Dichloroethane	3.70	63	273982	46.87	ug/l	100
25) 2-Butanone	4.72	43	648614	263.81	ug/l	97
26) 2,2-Dichloropropane	4.59	77	74540	15.68	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	177176	50.83	ug/l	88
28) Bromochloromethane	5.03	49	127482	45.56	ug/l	88
29) Tetrahydrofuran	5.18	42	419875	266.30	ug/l	95
30) Chloroform	5.22	83	299344	49.90	ug/l	99
31) Cyclohexane	5.57	56	317751	63.34	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	264514	50.11	ug/l	98
36) 1,1-Dichloropropene	5.80	75	218268	48.55	ug/l	98
37) Ethyl Acetate	4.87	43	191250	39.51	ug/l	98
38) Carbon Tetrachloride	5.78	117	241406	48.94	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	312744	59.73	ug/l	96
40) Benzene	6.15	78	8869259	679.03	ug/l	99
41) Methacrylonitrile	5.07	41	140997	50.59	ug/l	96
42) 1,2-Dichloroethane	6.21	62	237686	45.05	ug/l	97
43) Isopropyl Acetate	6.48	43	344687	42.46	ug/l	98
44) Trichloroethene	7.21	130	189245	48.60	ug/l	99
45) 1,2-Dichloropropane	7.53	63	168375	48.60	ug/l	99
46) Dibromomethane	7.67	93	114838	47.76	ug/l	93
47) Bromodichloromethane	7.90	83	214202	48.19	ug/l	98
48) Methyl methacrylate	7.79	41	206396	49.35	ug/l	93
49) 1,4-Dioxane	7.76	88	80289	986.63	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1262310	248.54	ug/l	97
52) Toluene	8.79	92	405247	48.43	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	214630	42.63	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	200355	41.36	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	169159	49.20	ug/l	97
56) Ethyl methacrylate	9.19	69	255762	50.90	ug/l	93
57) 1,3-Dichloropropane	9.38	76	271276	48.04	ug/l	99
59) 2-Hexanone	9.51	43	988825	256.17	ug/l	96
60) Dibromochloromethane	9.59	129	182770	50.49	ug/l	100
61) 1,2-Dibromoethane	9.68	107	179582	49.79	ug/l	99
64) Tetrachloroethene	9.34	164	189158	46.01	ug/l	99
65) Chlorobenzene	10.14	112	467955	49.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177253	51.96	ug/l	100
67) Ethyl Benzene	10.26	91	925144	59.63	ug/l	100
68) m/p-Xylenes	10.37	106	715699	119.70	ug/l	97
69) o-Xylene	10.70	106	345340	59.32	ug/l	96
70) Styrene	10.71	104	505560	53.44	ug/l	99
71) Bromoform	10.86	173	148561	48.34	ug/l	99
73) Isopropylbenzene	11.02	105	895947	58.35	ug/l	100
74) N-amyl acetate	6.48	43	344687	45.88	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	252010	53.28	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	266838	64.54	ug/l	80
77) Bromobenzene	11.26	156	228371	52.23	ug/l	95
78) n-propylbenzene	11.37	91	911469	52.15	ug/l	98
79) 2-Chlorotoluene	11.43	91	545909	51.59	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	720522	55.71	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	51464	37.05	ug/l	99
82) 4-Chlorotoluene	11.51	91	631125	50.38	ug/l	98
83) tert-Butylbenzene	11.77	119	680384	53.38	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	754950	56.34	ug/l	99
85) sec-Butylbenzene	11.95	105	790743	51.14	ug/l	99
86) p-Isopropyltoluene	12.07	119	712981	51.29	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	404257	50.62	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	408346	49.68	ug/l	99
89) n-Butylbenzene	12.39	91	577793	47.75	ug/l	99
90) Hexachloroethane	12.60	117	114948	55.59	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	410333	50.91	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59729	56.17	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	297033	50.63	ug/l	99

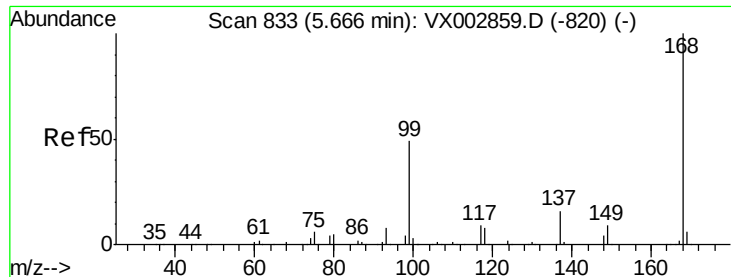
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	137744	47.08	ug/l	99
95) Naphthalene	13.84	128	886674	56.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	310024	52.91	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

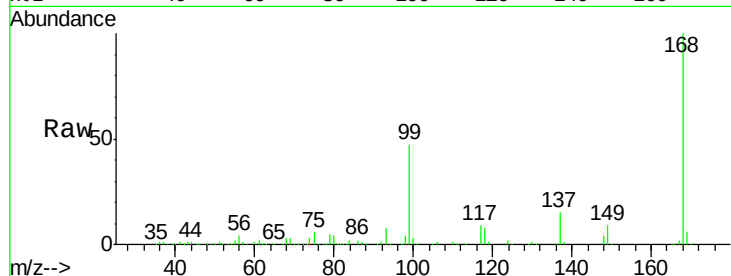
ClientSampleId :

Tot Ion:168 Resp: 289421

Ion Ratio Lower Upper

168 100

99 47.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

40000

20000

0

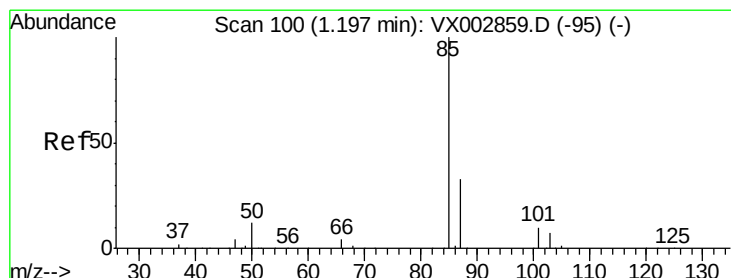
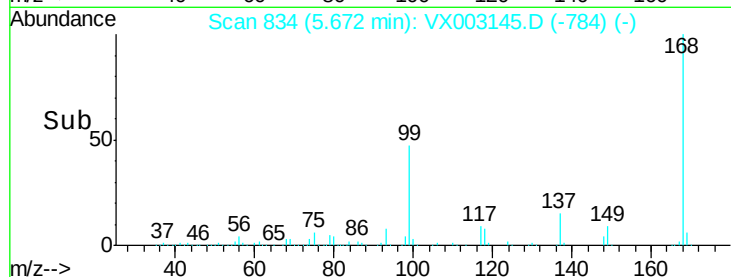
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 51.51 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003145.D

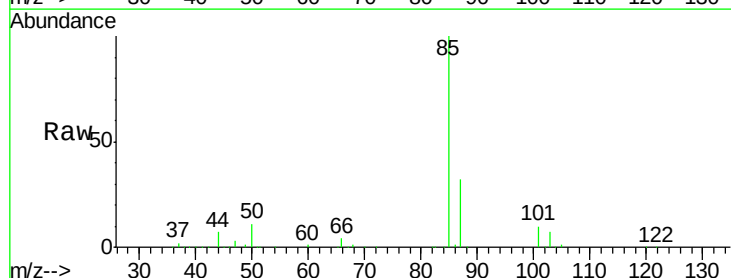
Acq: 03 Jul 2018 13:37

Tgt Ion: 85 Resp: 133095

Ion Ratio Lower Upper

85 100

87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

100000

50000

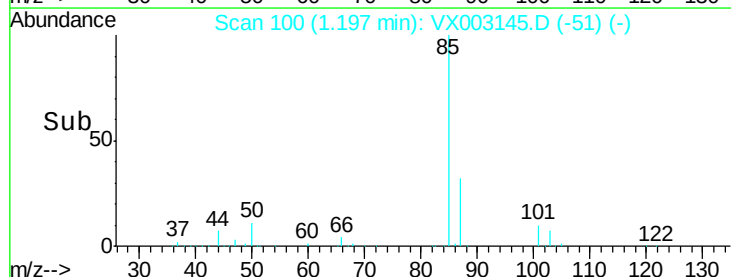
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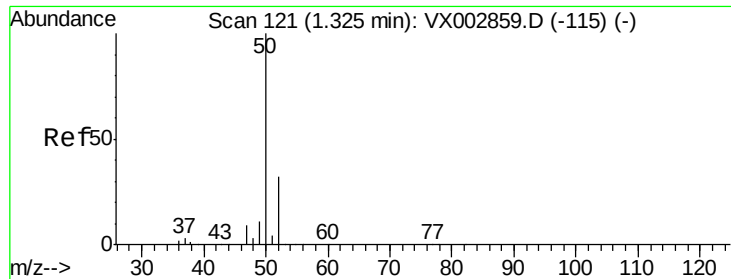
Time-->

1.10

1.20

1.30

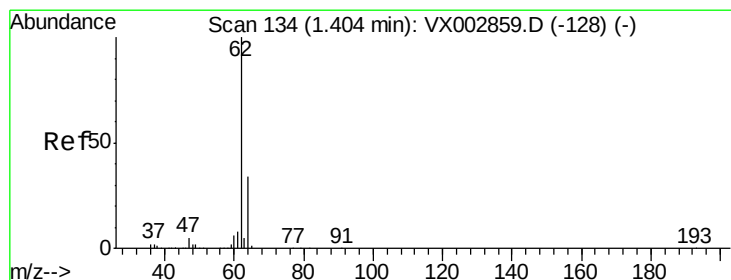
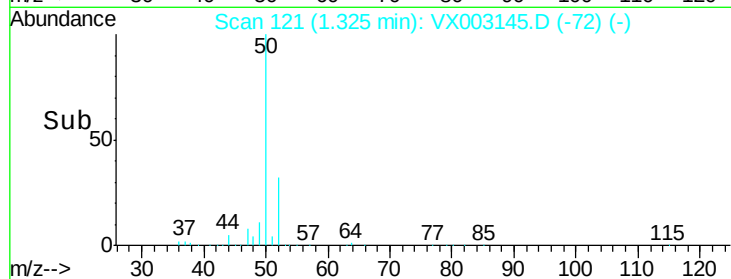
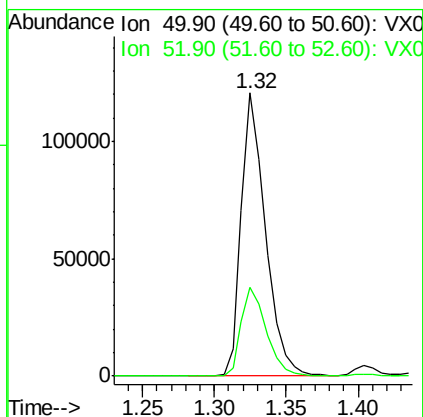
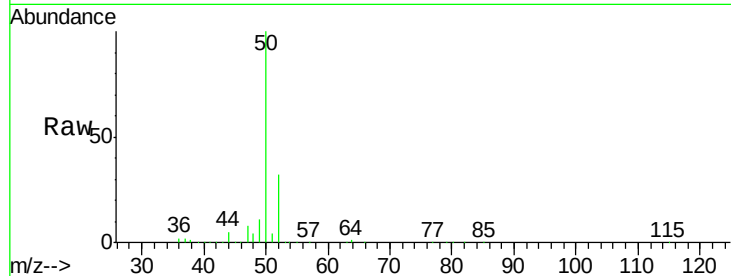




#3
Chloromethane
Concen: 52.71 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

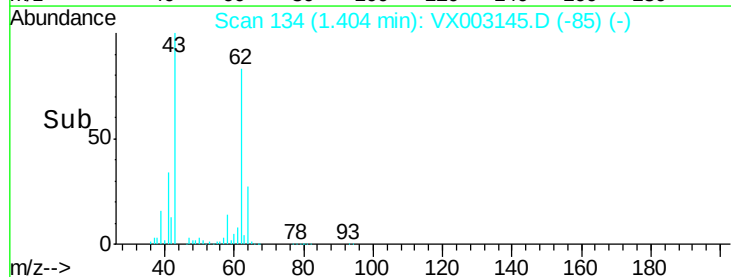
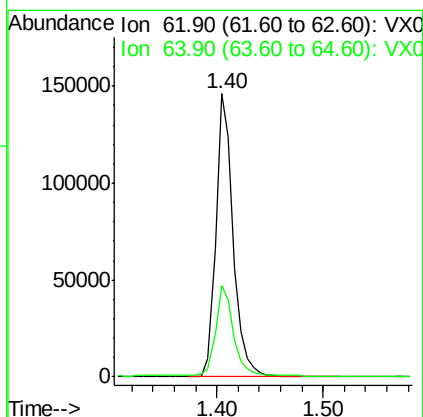
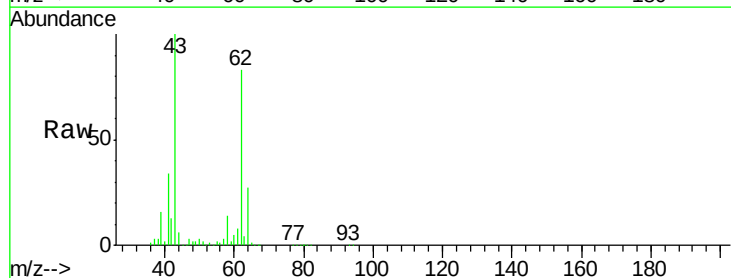
Instrument :
MSVOA_X
ClientSampled :

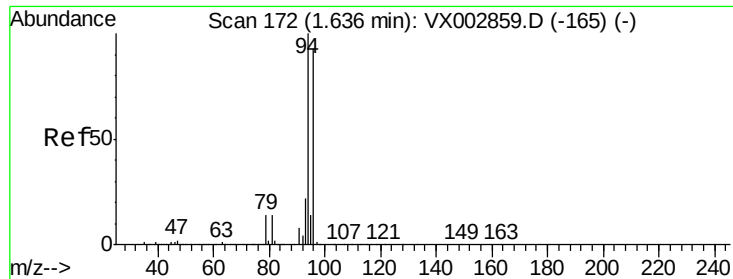
Tot Ion: 50 Resp: 141246
Ion Ratio Lower Upper
50 100
52 31.6 25.7 38.5



#4
Vinyl Chloride
Concen: 49.89 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion: 62 Resp: 163296
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2





#5

Bromomethane

Concen: 34.06 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

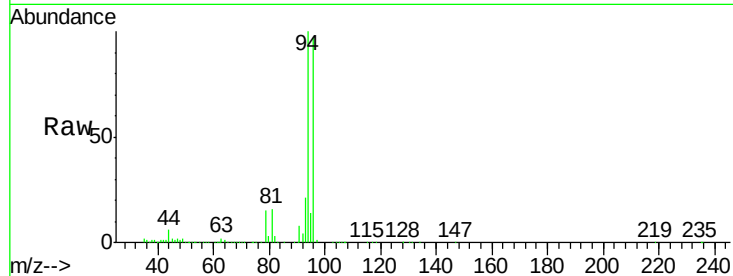
ClientSampled :

Tot Ion: 94 Resp: 53368

Ion Ratio Lower Upper

94 100

96 96.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

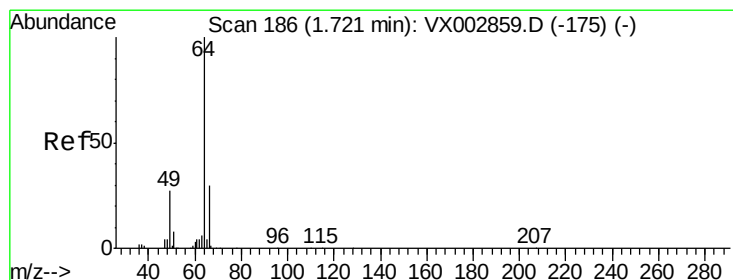
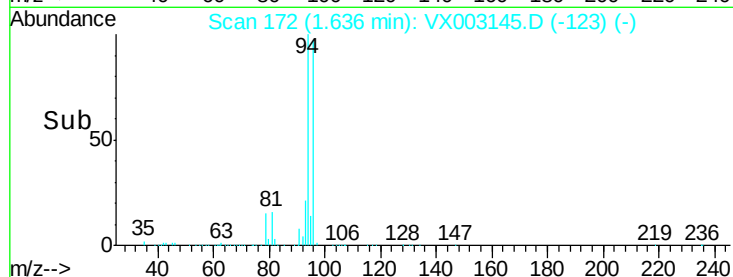
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 51.99 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003145.D

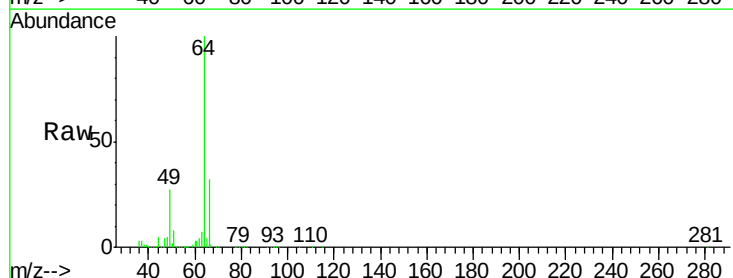
Acq: 03 Jul 2018 13:37

Tgt Ion: 64 Resp: 99667

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

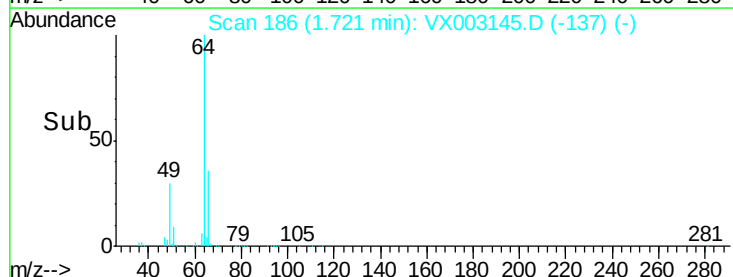
60000

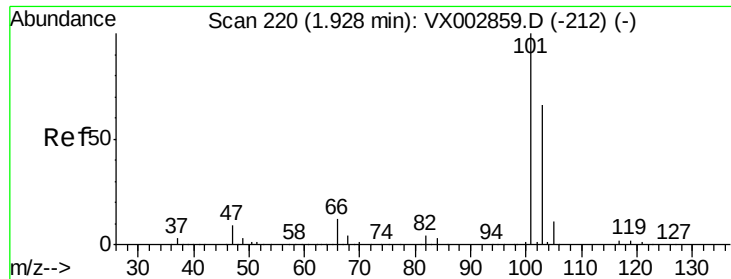
40000

20000

0

Time-->



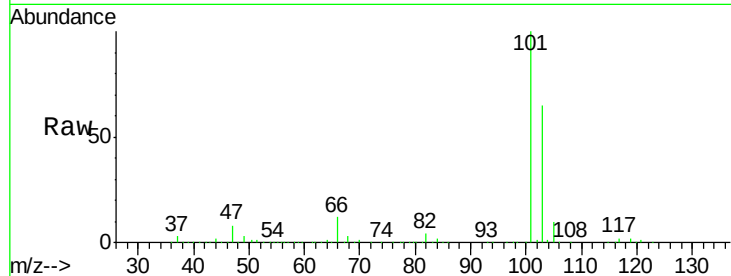


#7

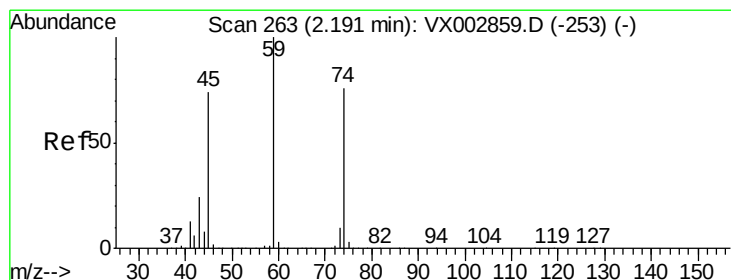
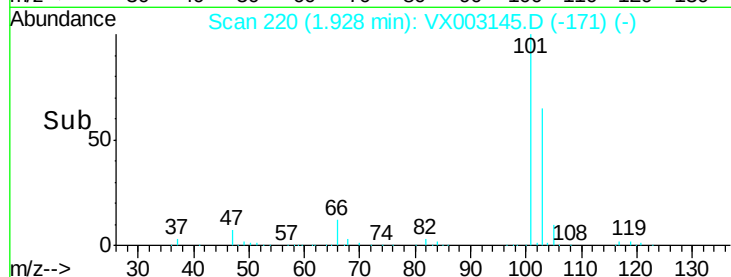
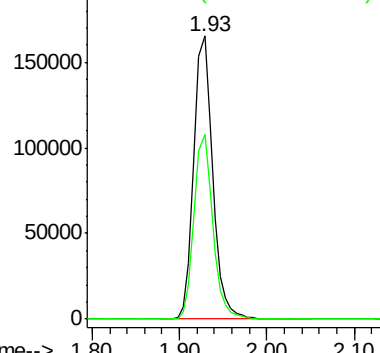
Trichlorofluoromethane
Concen: 44.80 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:101 Resp: 247343
Ion Ratio Lower Upper
101 100
103 65.1 52.8 79.2



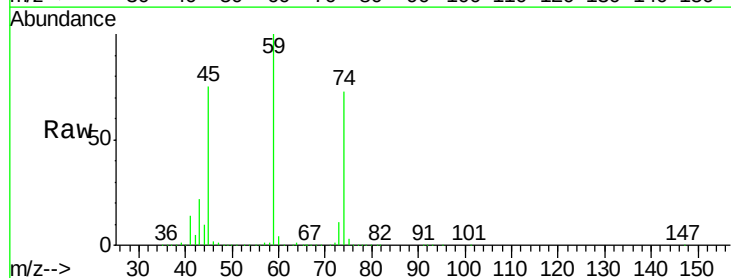
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



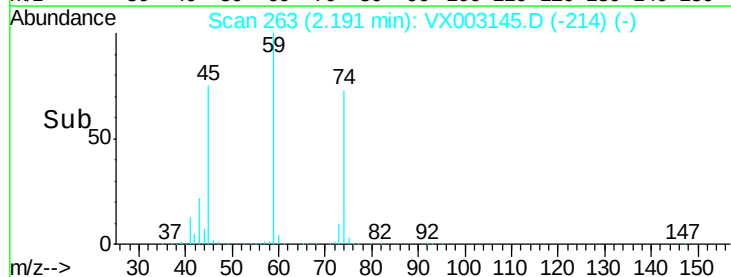
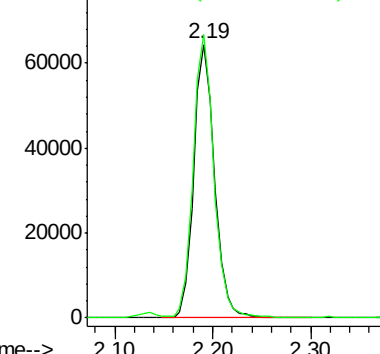
#8

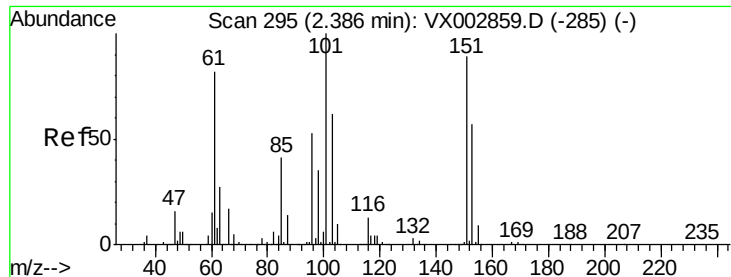
Diethyl Ether
Concen: 47.21 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion: 74 Resp: 94751
Ion Ratio Lower Upper
74 100
45 102.6 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.83 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampled :

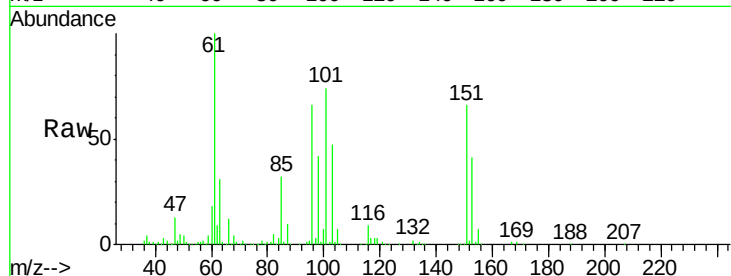
Tot Ion:101 Resp: 140222

Ion Ratio Lower Upper

101 100

85 43.4 36.0 54.0

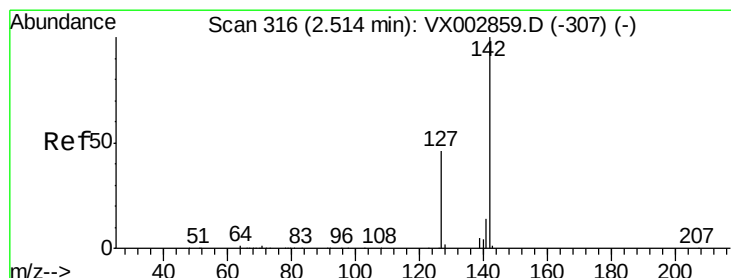
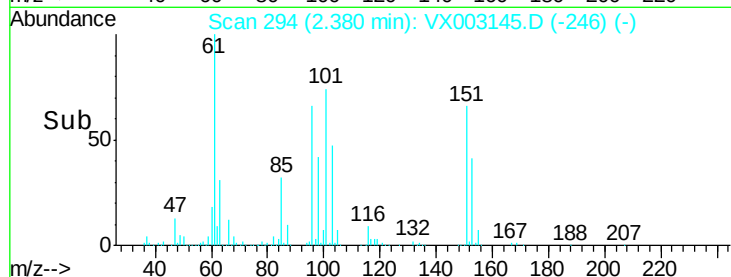
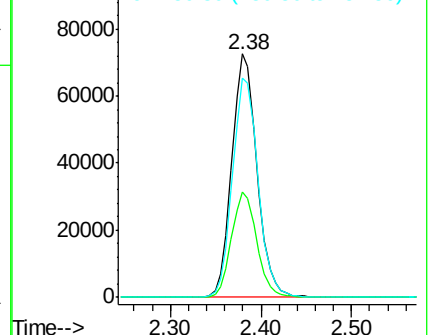
151 91.5 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.44 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

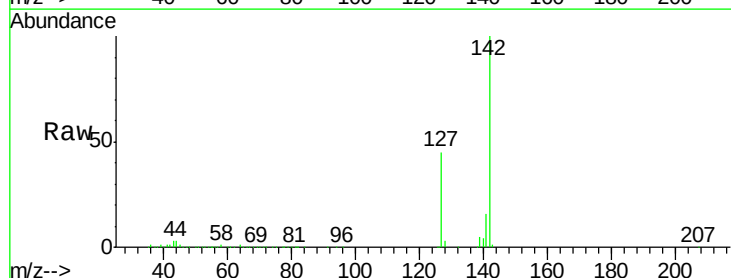
Tgt Ion:142 Resp: 137890

Ion Ratio Lower Upper

142 100

127 43.9 36.6 55.0

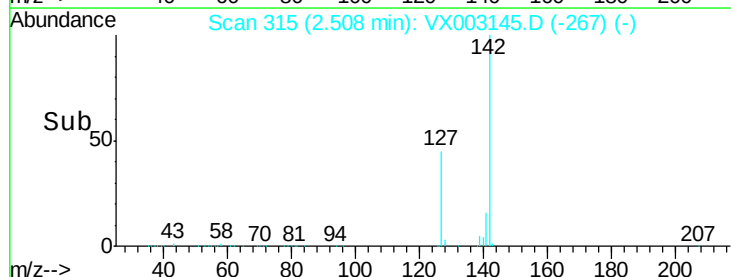
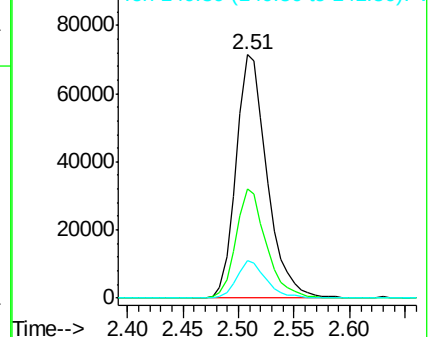
141 14.7 11.3 16.9

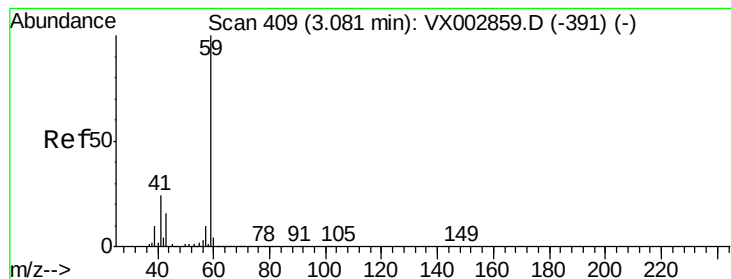


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



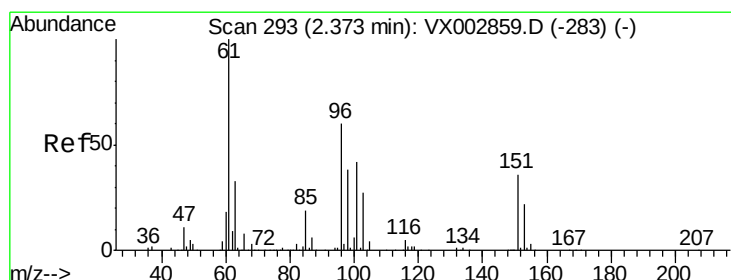
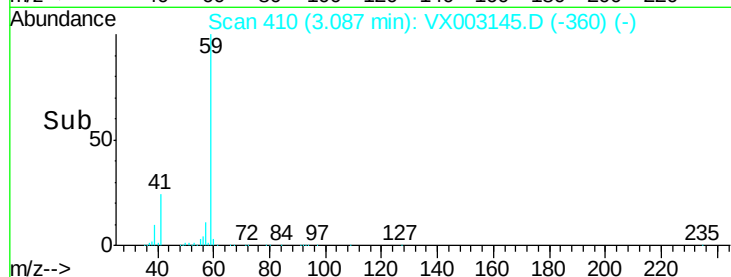
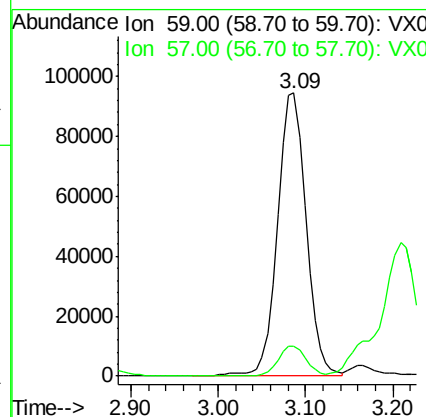
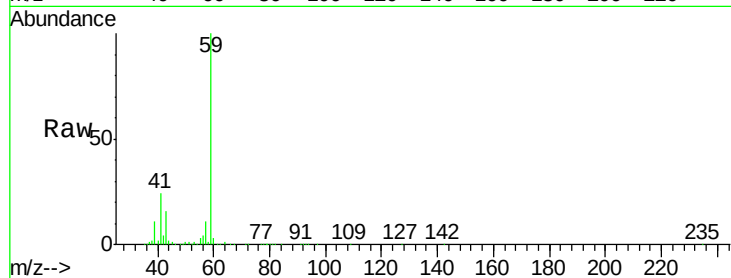


#11

Tert butyl alcohol
Concen: 270.27 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampled :

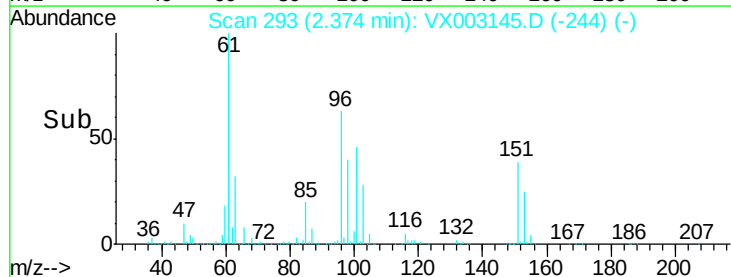
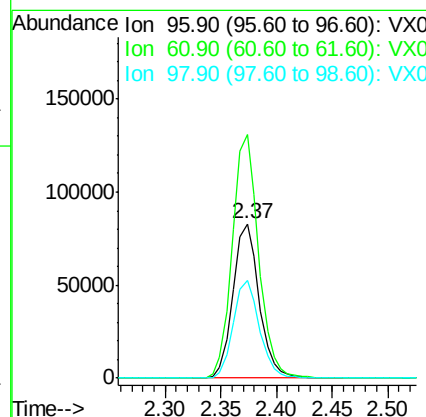
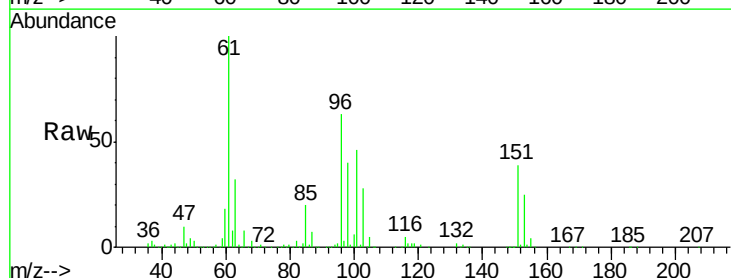
Tot Ion: 59 Resp: 215382
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

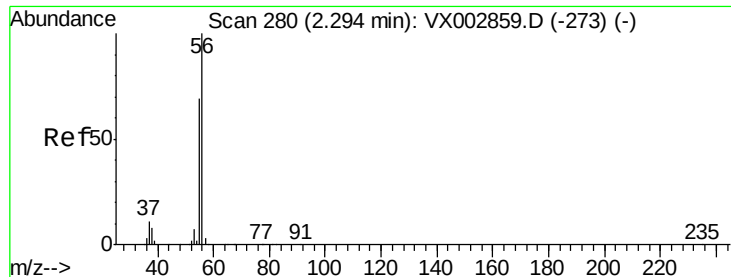


#12

1,1-Dichloroethene
Concen: 47.27 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion: 96 Resp: 134928
Ion Ratio Lower Upper
96 100
61 157.8 137.9 206.9
98 63.3 51.6 77.4





#13

Acrolein

Concen: 130.06 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

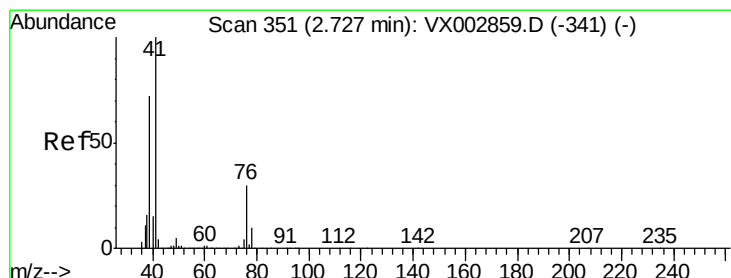
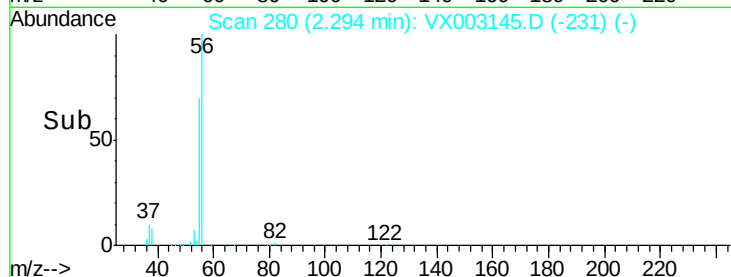
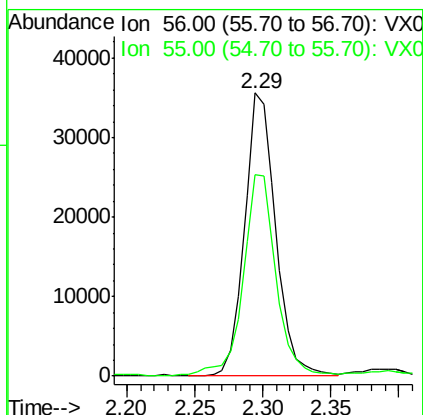
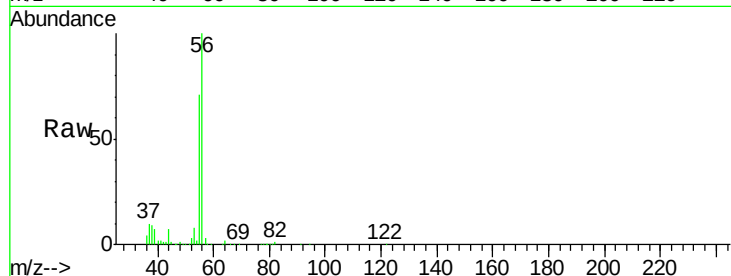
ClientSampleId :

Tot Ion: 56 Resp: 56549

Ion Ratio Lower Upper

56 100

55 74.7 57.0 85.4



#14

Allyl chloride

Concen: 41.64 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

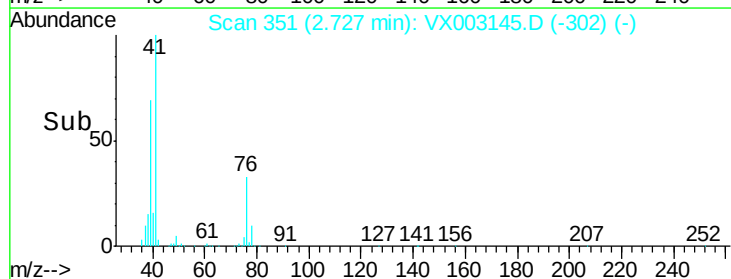
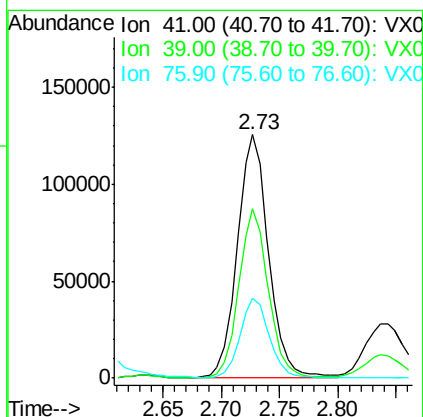
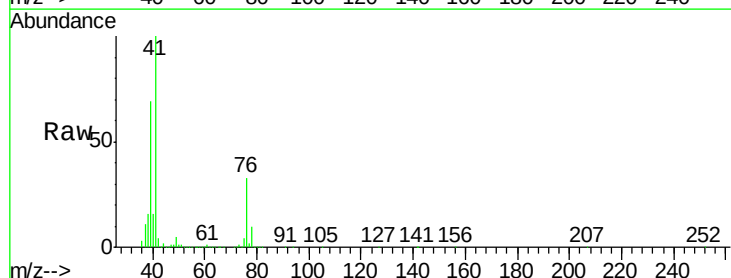
Tgt Ion: 41 Resp: 234305

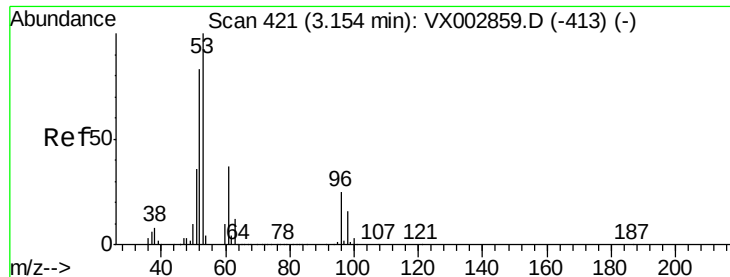
Ion Ratio Lower Upper

41 100

39 65.6 56.8 85.2

76 30.7 23.8 35.8





#15

Acrylonitrile

Concen: 247.31 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampled :

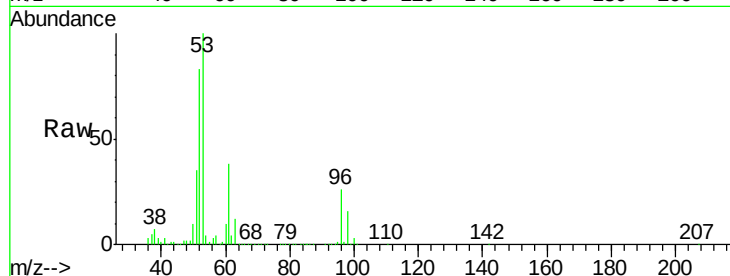
Tot Ion: 53 Resp: 420968

Ion Ratio Lower Upper

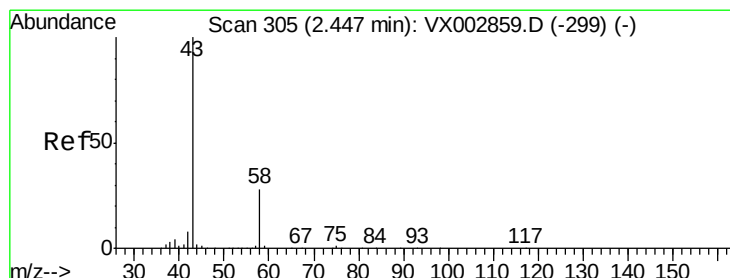
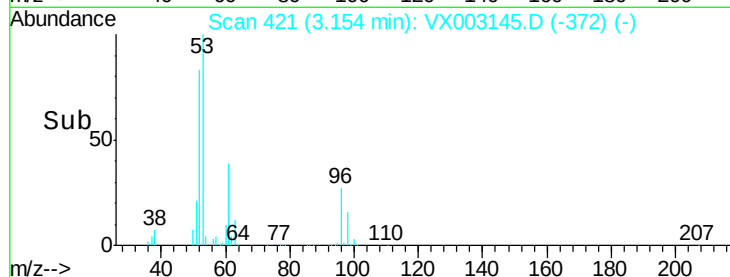
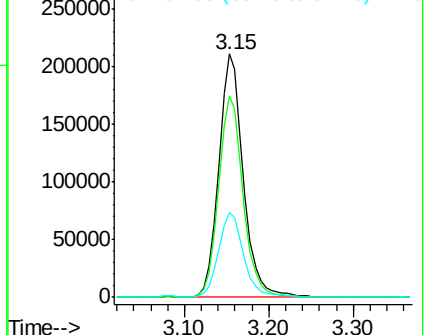
53 100

52 83.1 66.7 100.1

51 36.1 29.9 44.9



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



#16

Acetone

Concen: 234.05 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003145.D

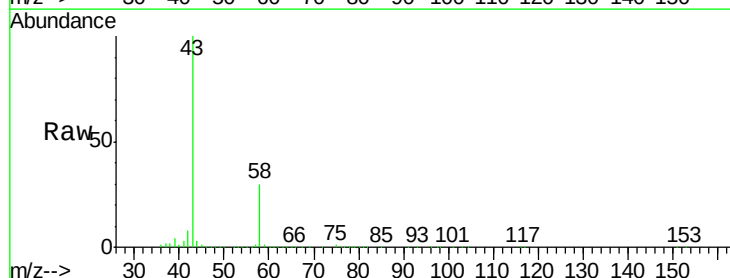
Acq: 03 Jul 2018 13:37

Tgt Ion: 43 Resp: 387752

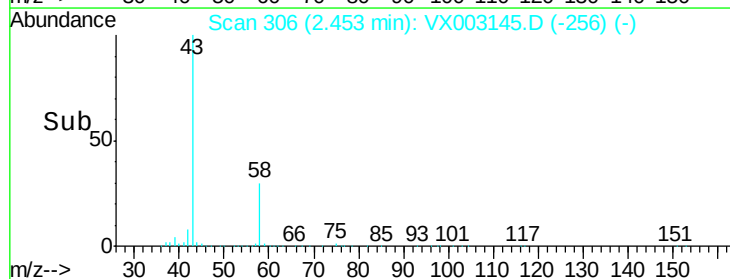
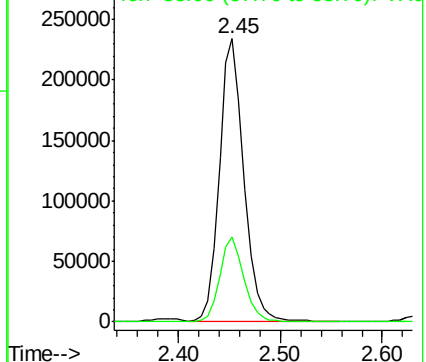
Ion Ratio Lower Upper

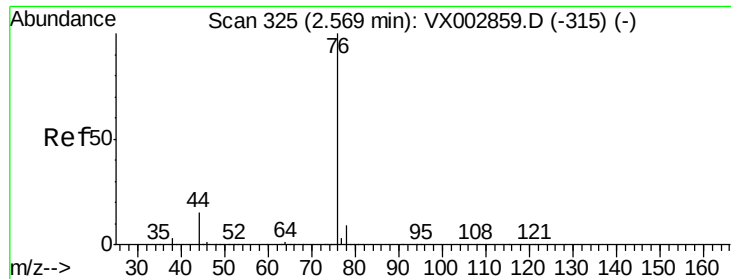
43 100

58 30.1 22.1 33.1



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

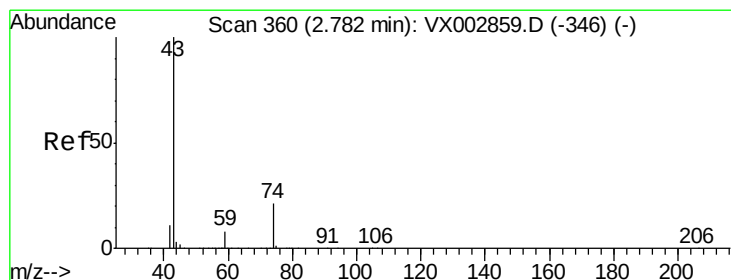
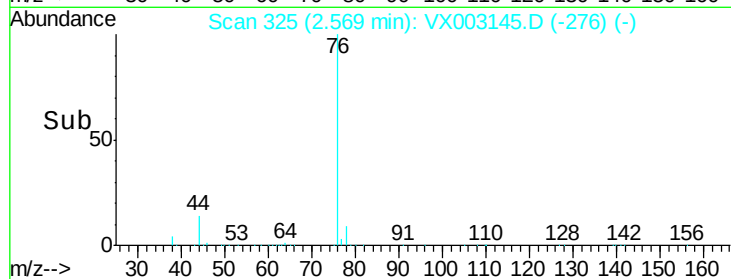
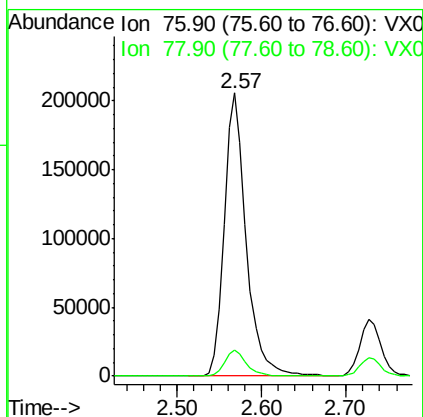
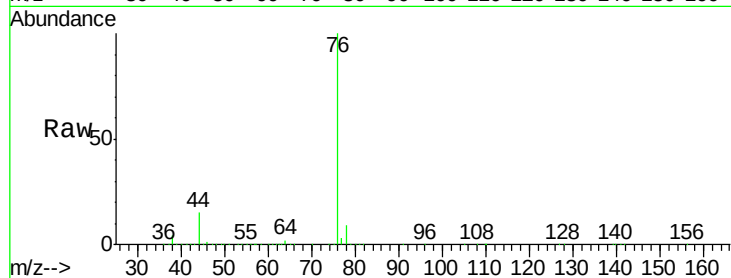




#17
Carbon Disulfide
Concen: 48.30 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

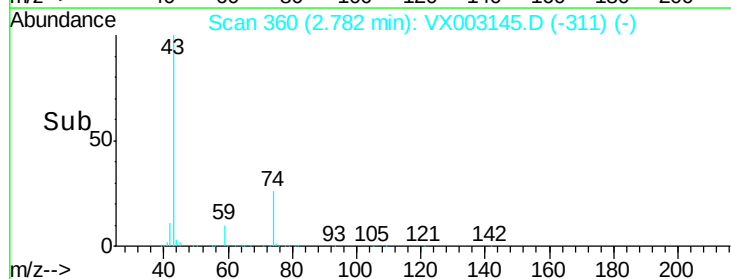
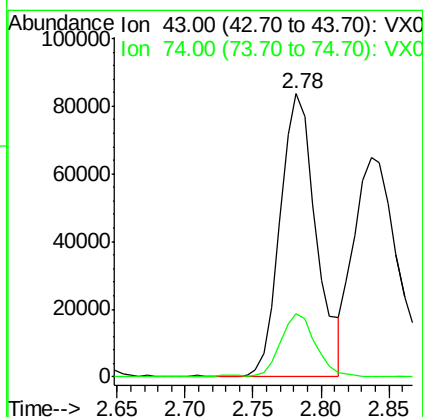
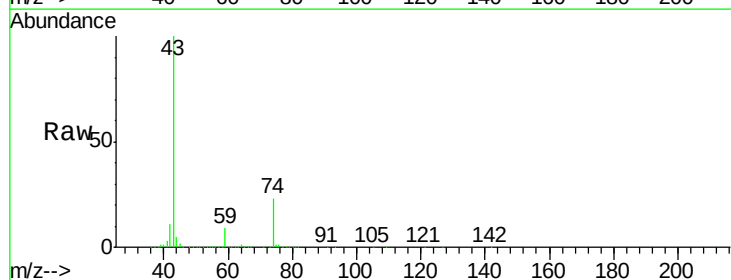
Instrument :
MSVOA_X
ClientSampleId :

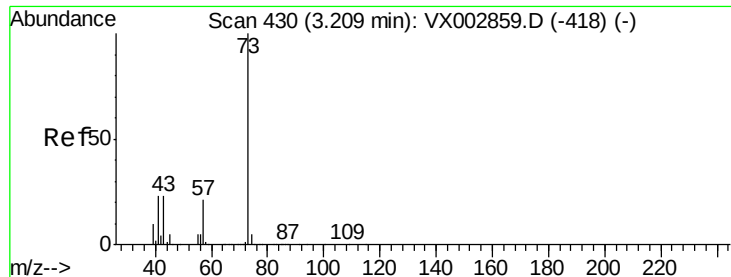
Tot Ion: 76 Resp: 367293
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 33.26 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion: 43 Resp: 154043
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1



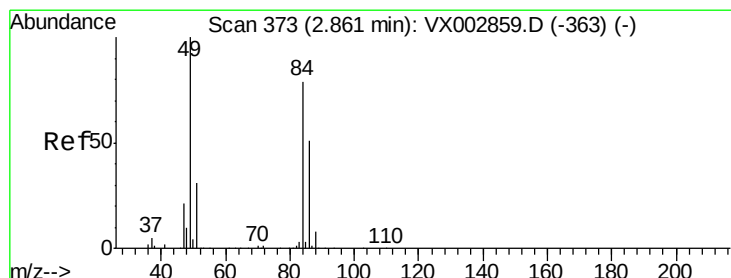
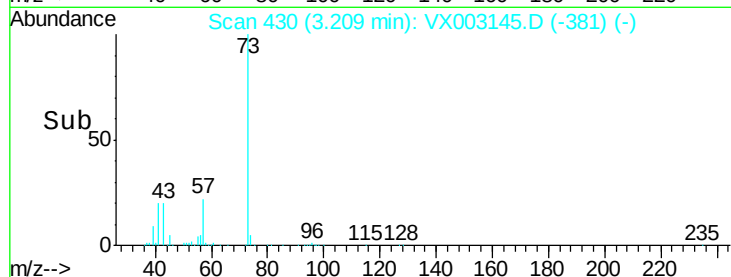
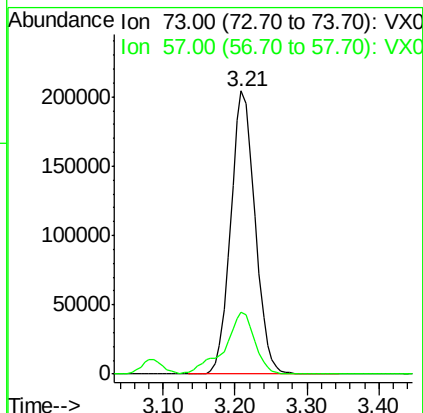
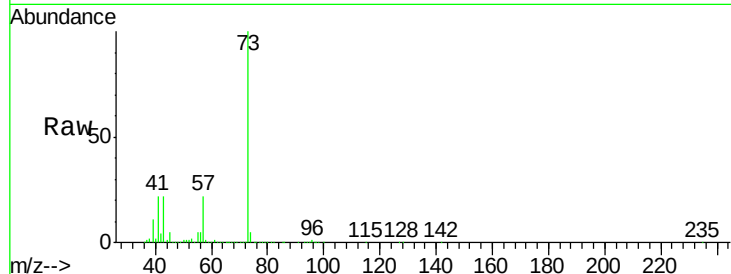


#19

Methyl tert-butyl Ether
 Concen: 46.76 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :

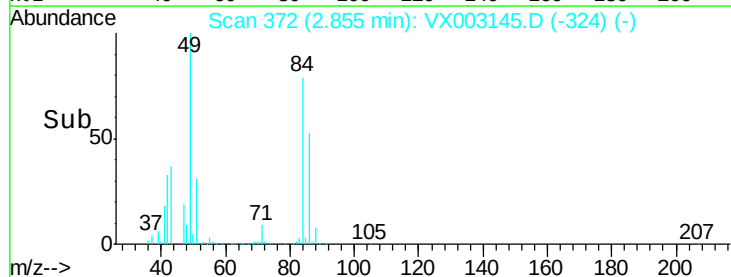
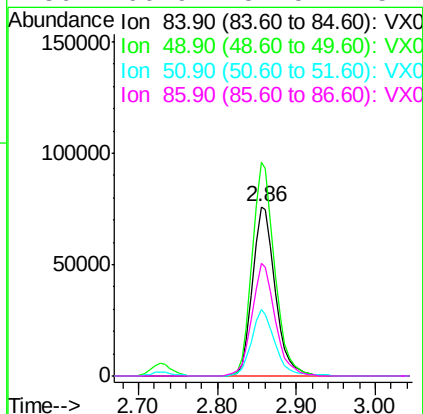
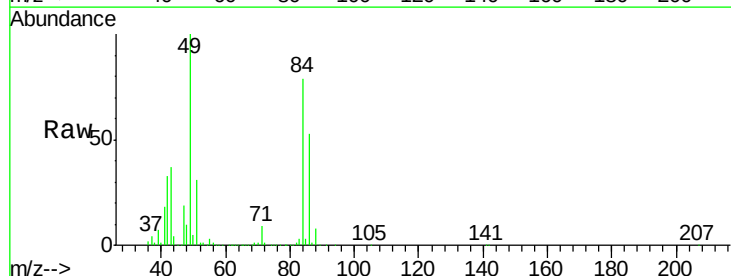
Tot Ion: 73 Resp: 479781
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.7 26.5

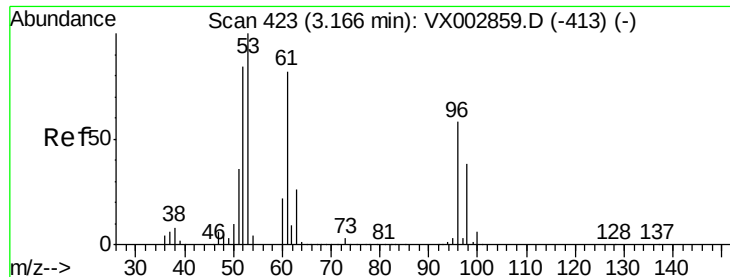


#20

Methylene Chloride
 Concen: 47.22 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion: 84 Resp: 152219
 Ion Ratio Lower Upper
 84 100
 49 126.2 107.8 161.6
 51 39.4 32.8 49.2
 86 66.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.96 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

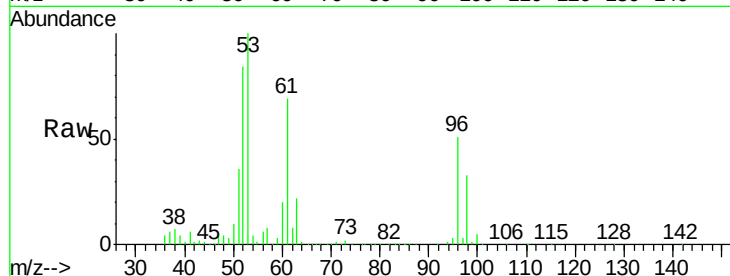
Tot Ion: 96 Resp: 145991

Ion Ratio Lower Upper

96 100

61 134.3 117.0 175.4

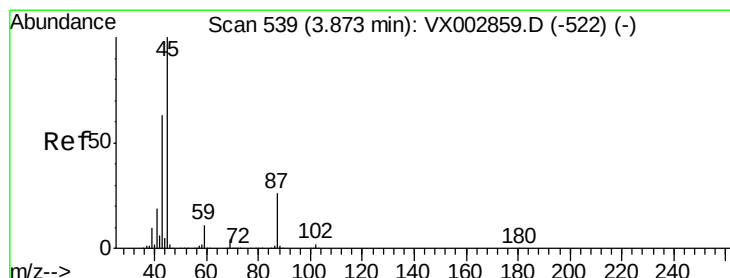
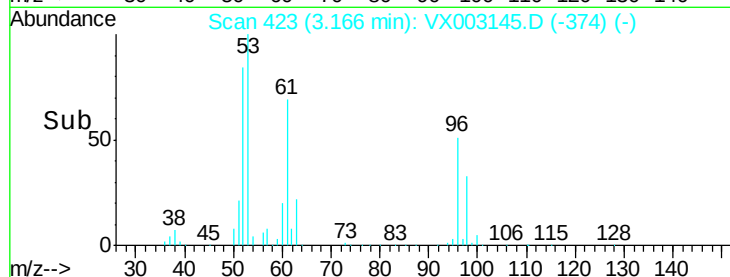
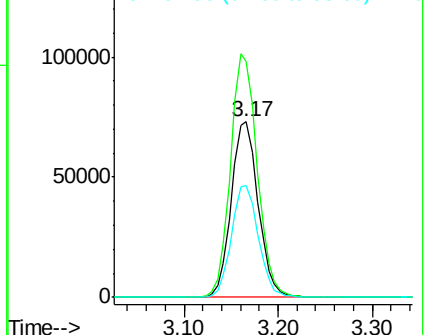
98 63.9 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 45.91 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Tgt Ion: 45 Resp: 493717

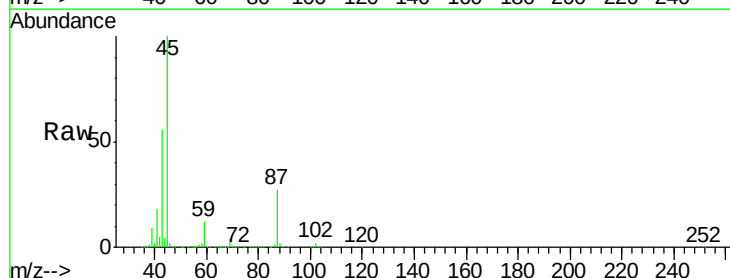
Ion Ratio Lower Upper

45 100

43 55.5 46.8 70.2

87 26.9 20.2 30.4

59 11.7 8.7 13.1

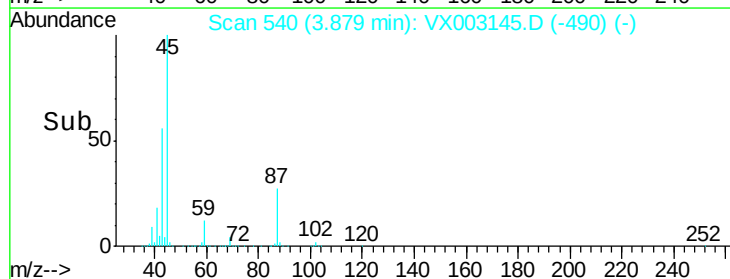
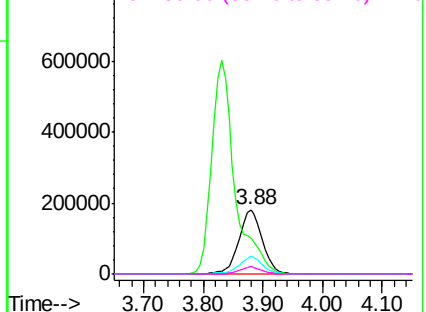


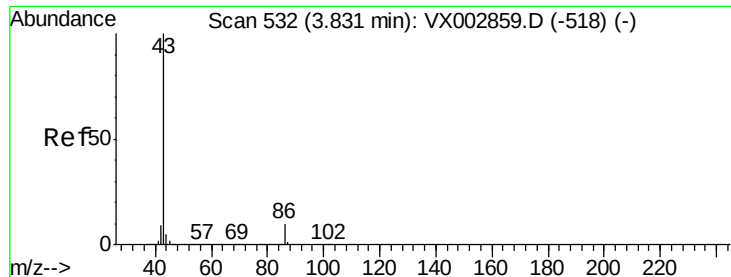
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 176.59 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

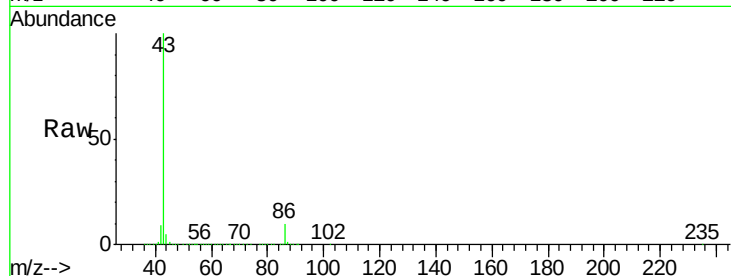
ClientSampleId :

Tot Ion: 43 Resp: 1608261

Ion Ratio Lower Upper

43 100

86 9.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

600000

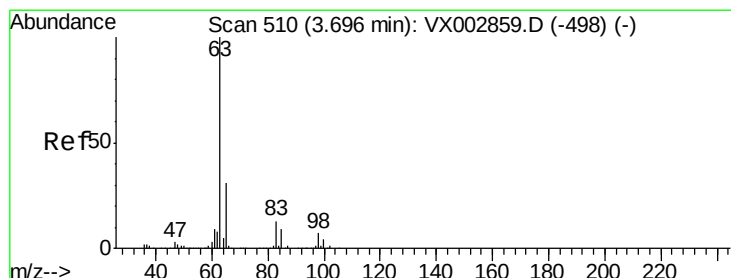
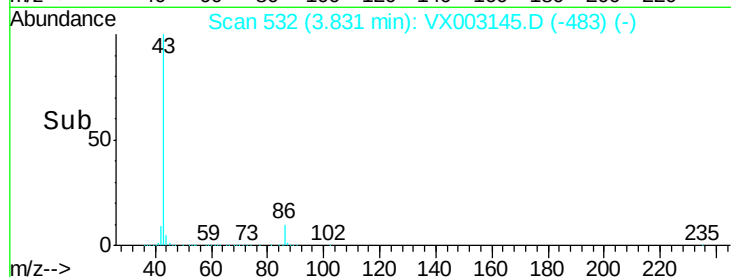
400000

200000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 46.87 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

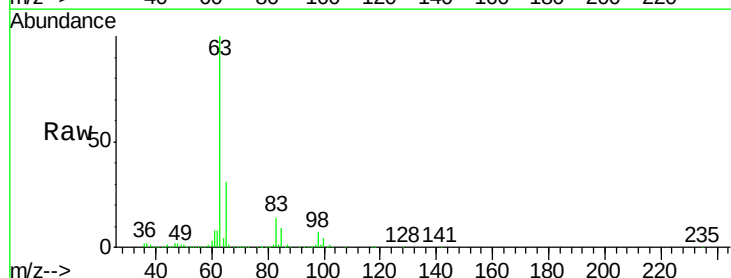
Tgt Ion: 63 Resp: 273982

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

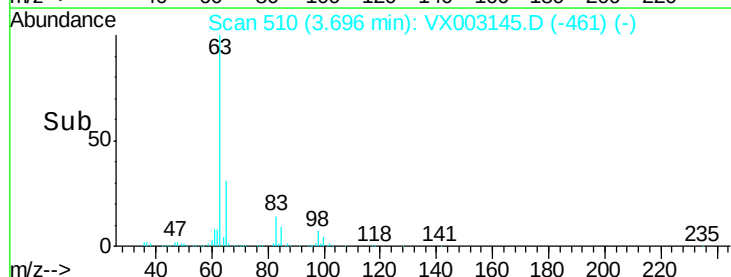
100000

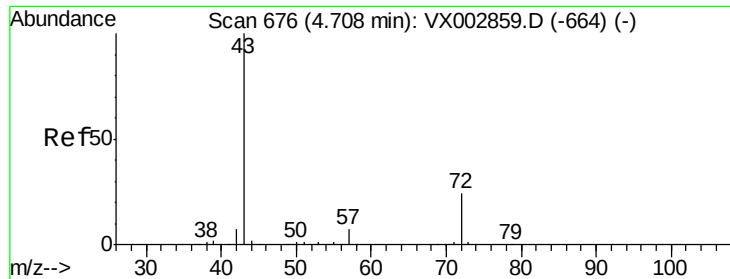
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 263.81 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

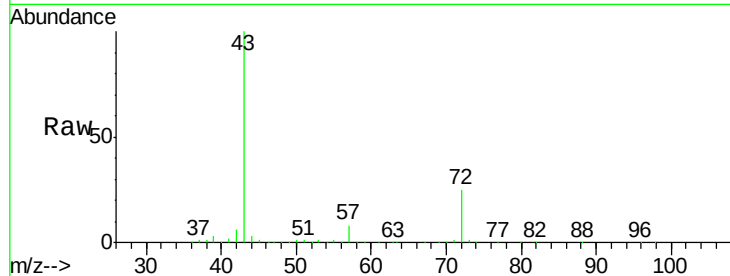
ClientSampled :

Tot Ion: 43 Resp: 648614

Ion Ratio Lower Upper

43 100

72 24.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.72

250000

200000

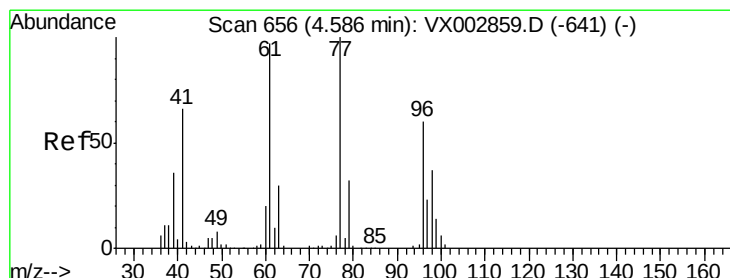
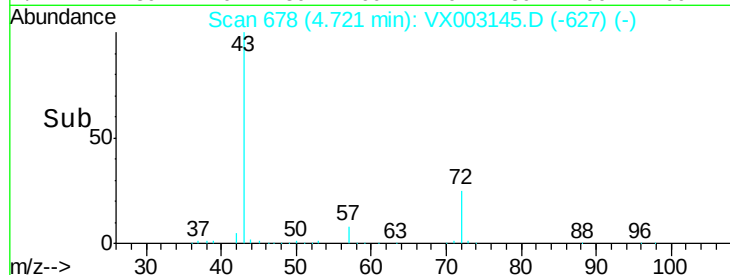
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 15.68 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003145.D

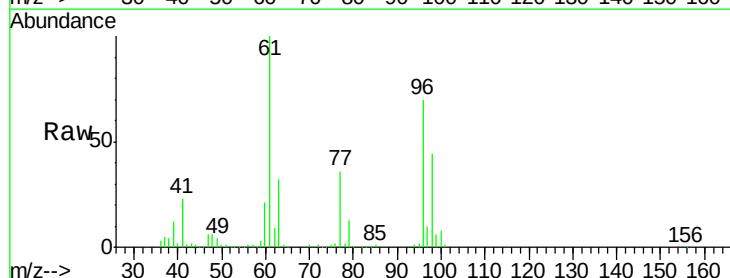
Acq: 03 Jul 2018 13:37

Tgt Ion: 77 Resp: 74540

Ion Ratio Lower Upper

77 100

97 28.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

25000

20000

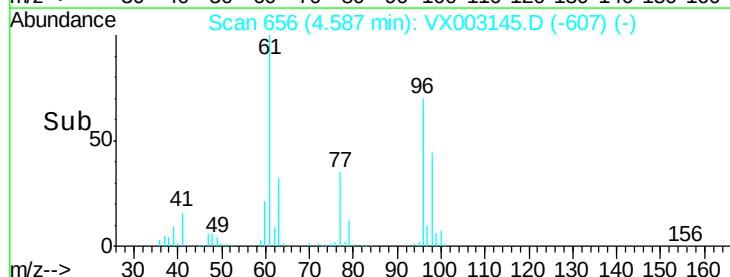
15000

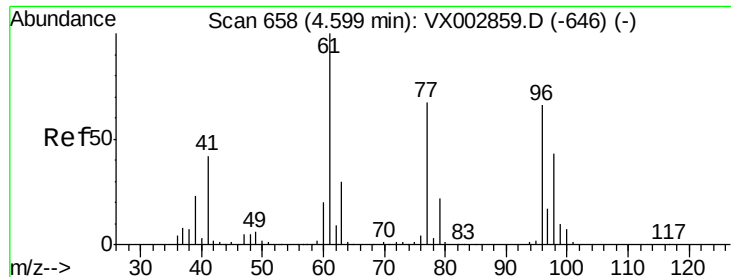
10000

5000

0

Time-->



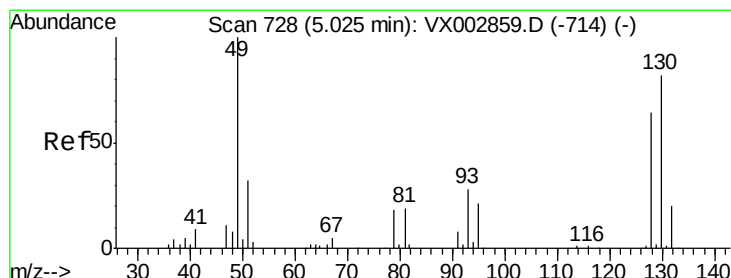
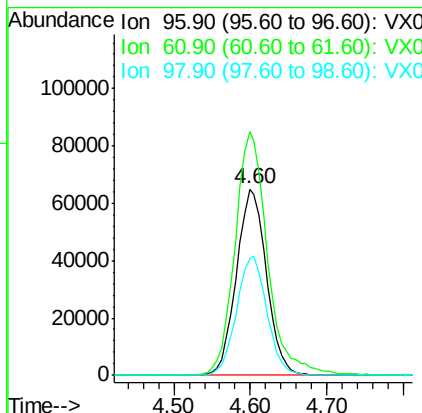
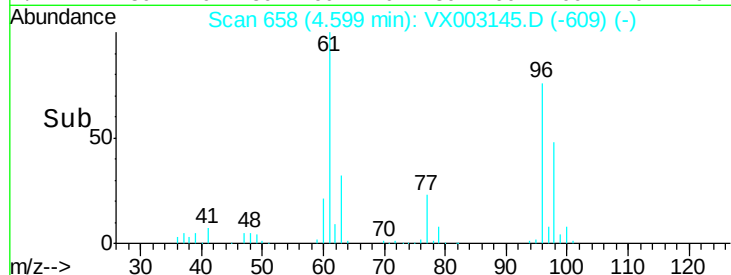
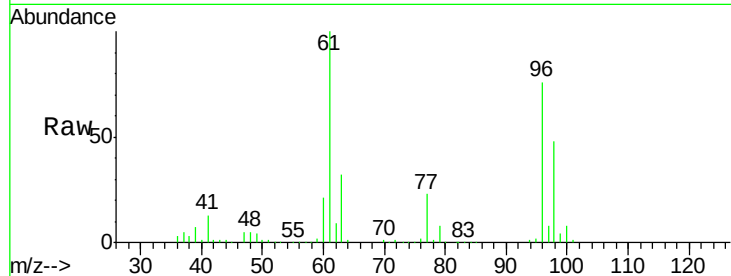


#27

cis-1,2-Dichloroethene
Concen: 50.83 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampled :

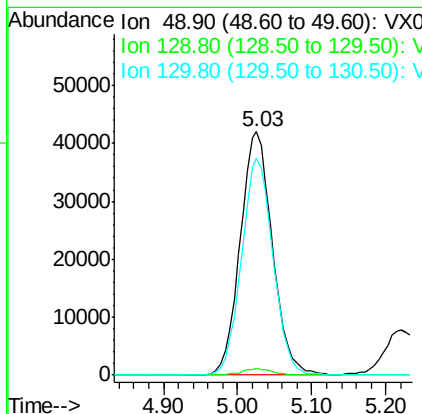
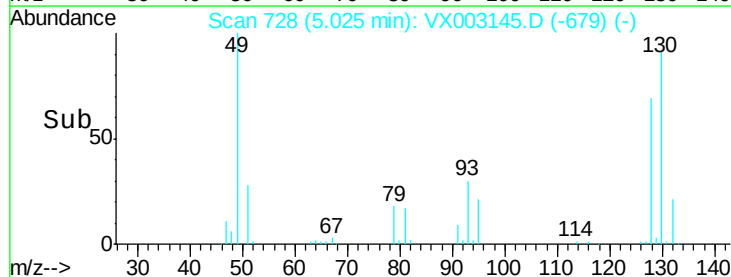
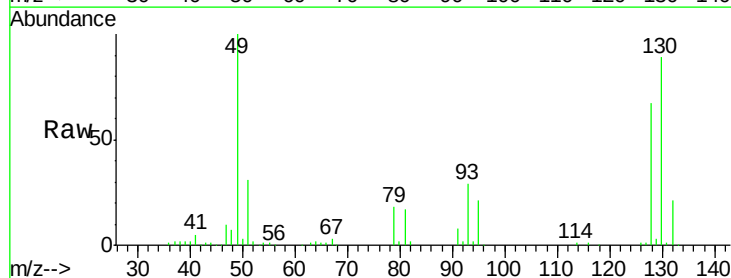
Tot Ion: 96 Resp: 177176
Ion Ratio Lower Upper
96 100
61 142.5 0.0 330.2
98 64.6 0.0 130.2

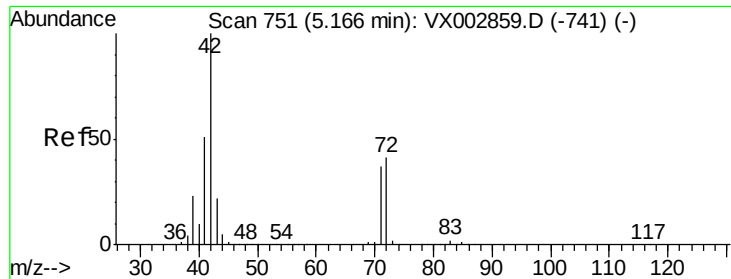


#28

Bromochloromethane
Concen: 45.56 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion: 49 Resp: 127482
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.2
130 87.2 61.2 91.8





#29

Tetrahydrofuran

Concen: 266.30 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

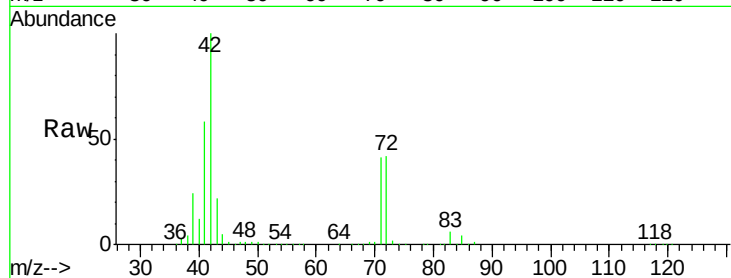
Tot Ion: 42 Resp: 419875

Ion Ratio Lower Upper

42 100

72 42.6 32.0 48.0

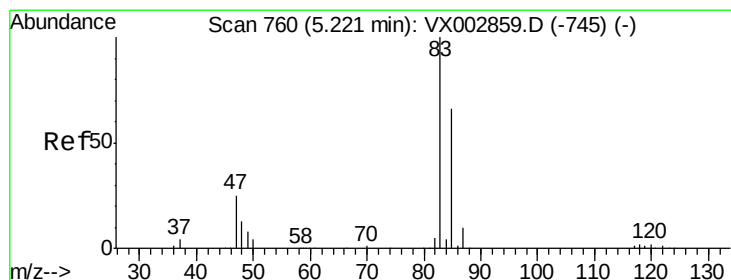
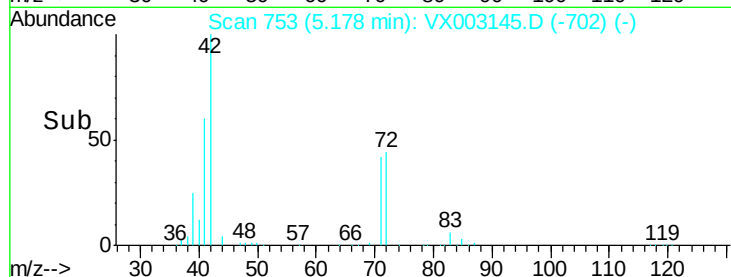
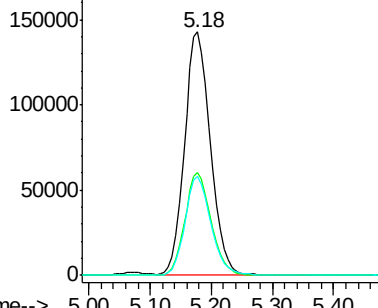
71 40.8 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.90 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003145.D

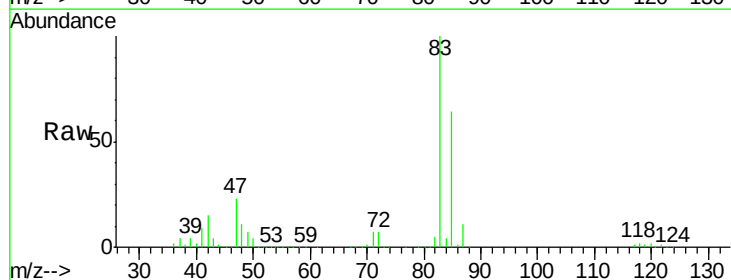
Acq: 03 Jul 2018 13:37

Tgt Ion: 83 Resp: 299344

Ion Ratio Lower Upper

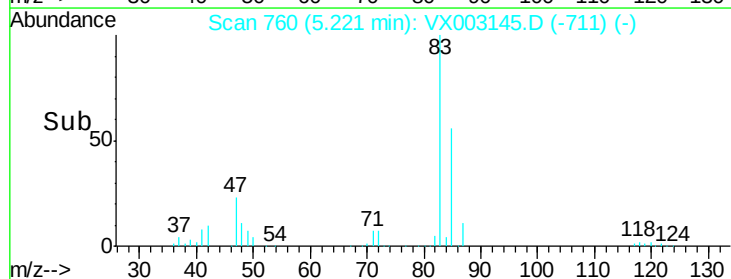
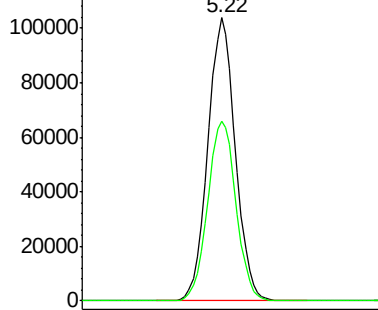
83 100

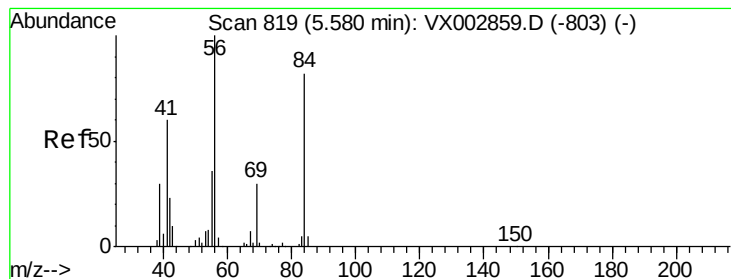
85 63.7 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 63.34 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

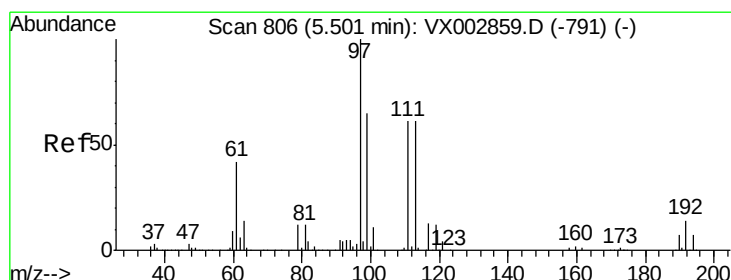
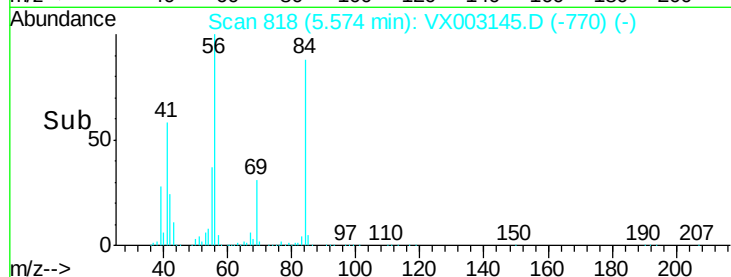
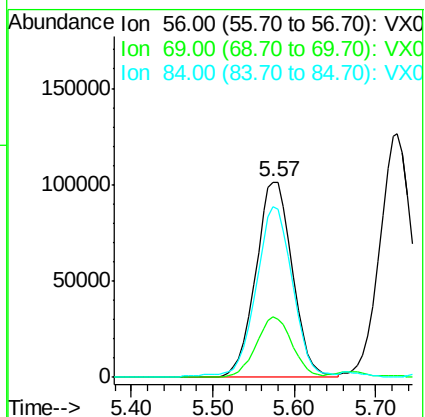
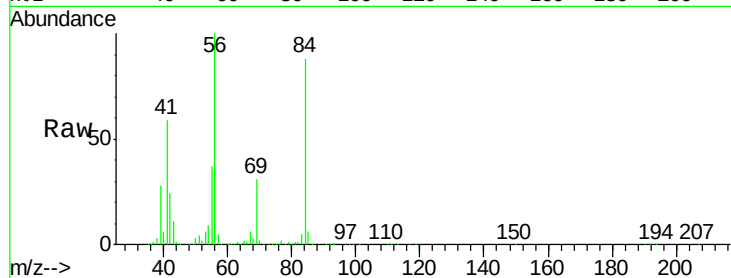
Tot Ion: 56 Resp: 317751

Ion Ratio Lower Upper

56 100

69 31.3 23.7 35.5

84 87.0 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 50.11 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

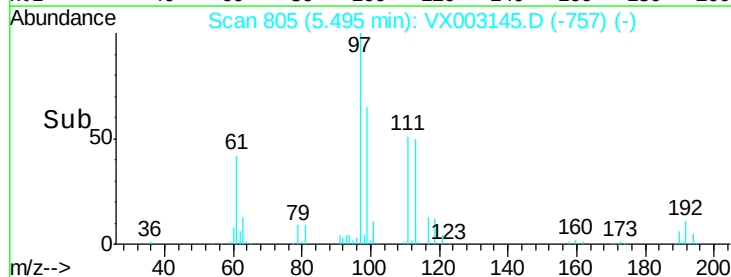
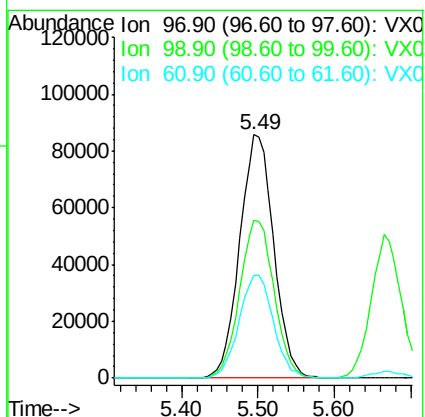
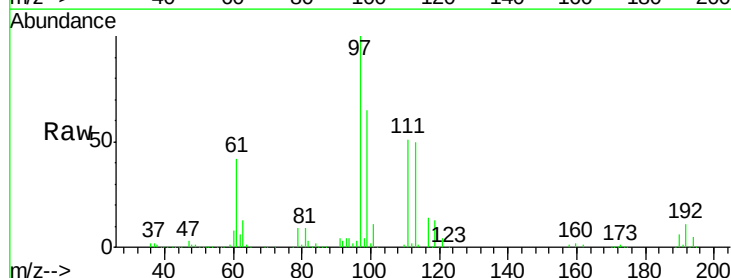
Tgt Ion: 97 Resp: 264514

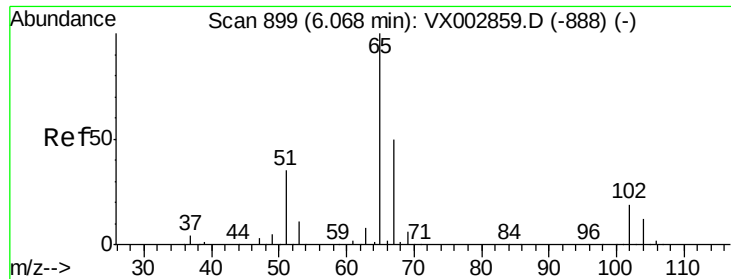
Ion Ratio Lower Upper

97 100

99 65.6 51.6 77.4

61 42.9 36.4 54.6

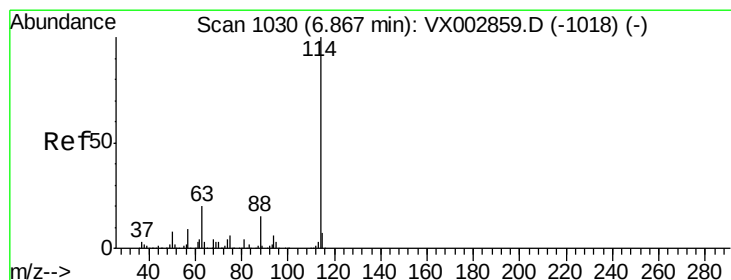
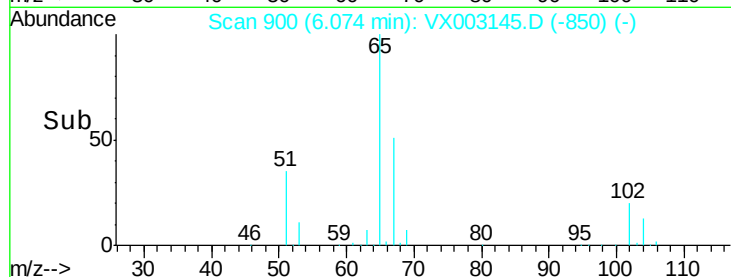
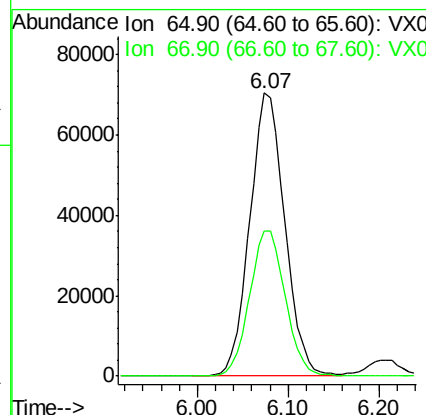
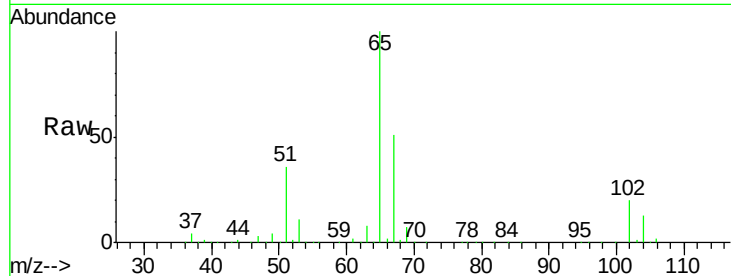




#33
 1,2-Dichloroethane-d4
 Concen: 47.15 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

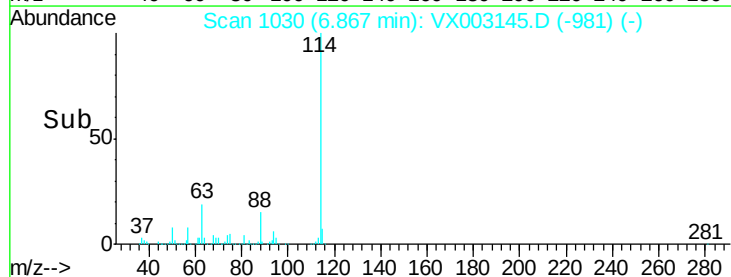
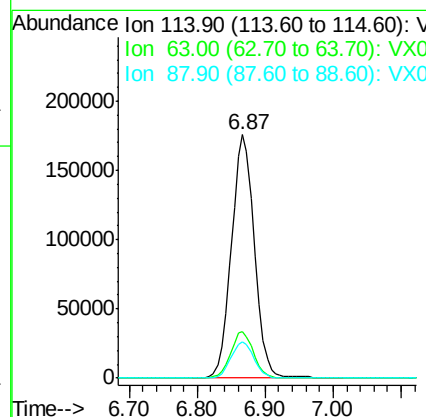
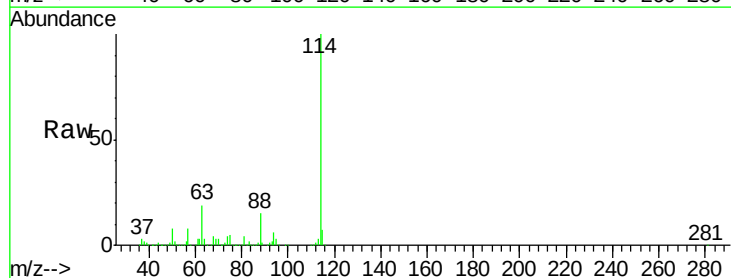
Instrument :
 MSVOA_X
 ClientSampleId :

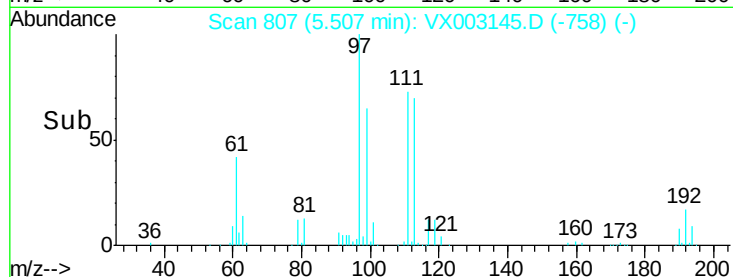
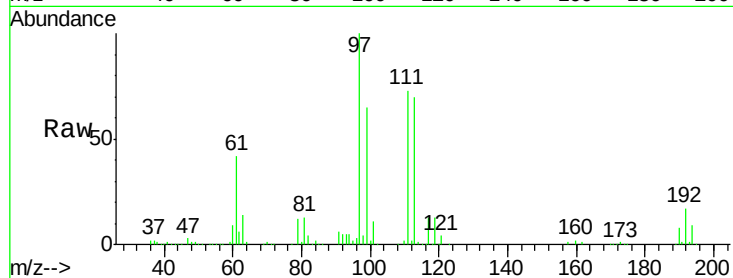
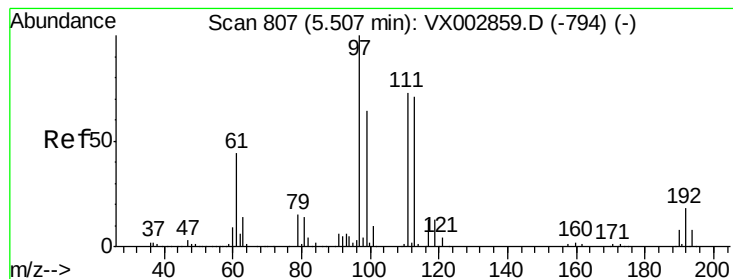
Tot Ion: 65 Resp: 188635
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion: 114 Resp: 409929
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.23 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

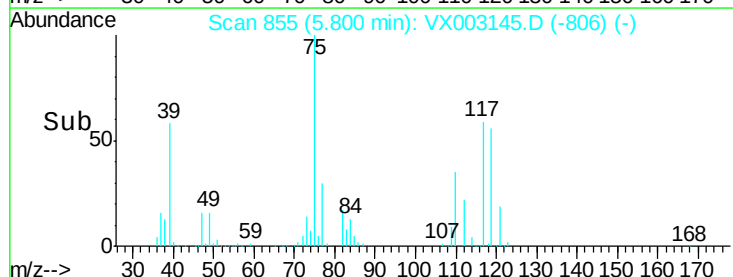
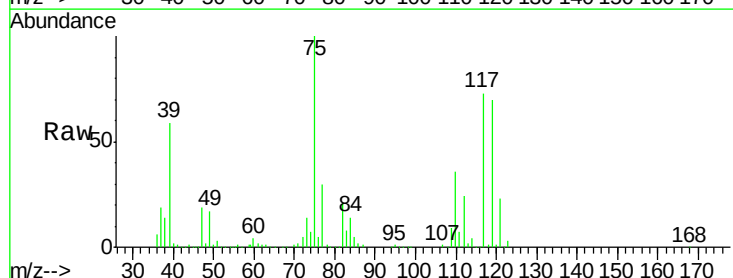
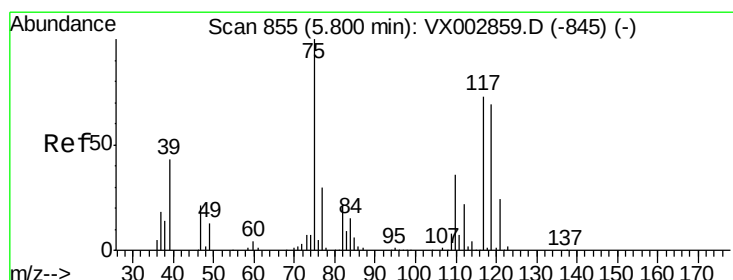
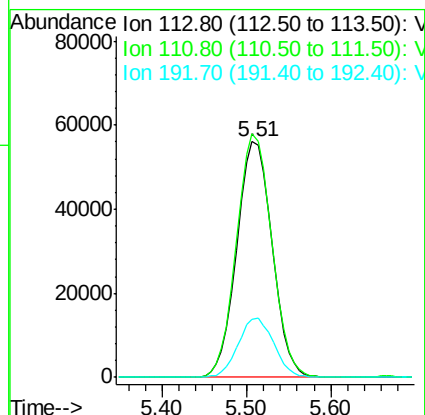
Tot Ion:113 Resp: 159822

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 25.4 19.1 28.7



#36

1,1-Dichloropropene

Concen: 48.55 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

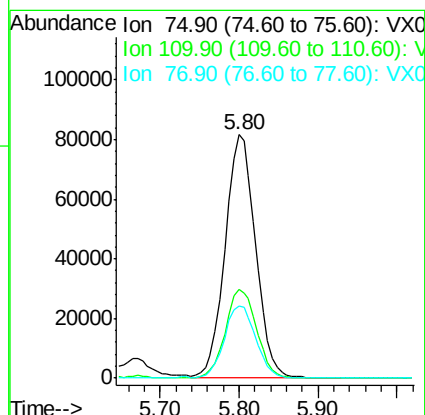
Tgt Ion: 75 Resp: 218268

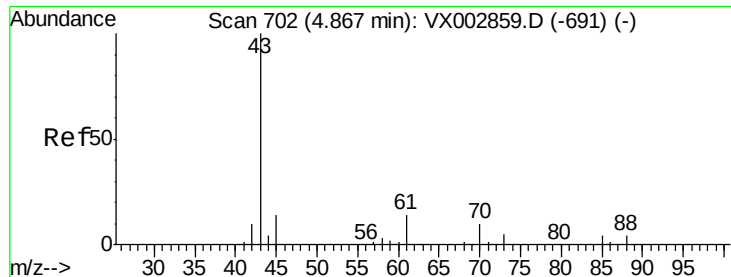
Ion Ratio Lower Upper

75 100

110 37.6 18.1 54.4

77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 39.51 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampled :

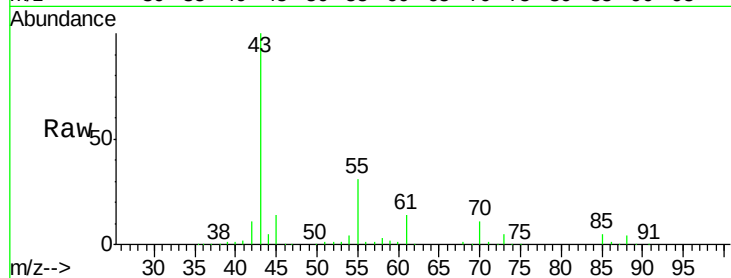
Tot Ion: 43 Resp: 191250

Ion Ratio Lower Upper

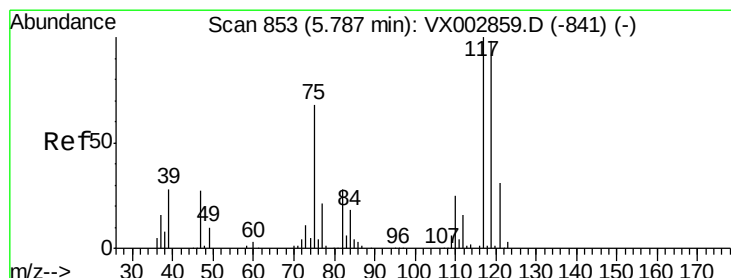
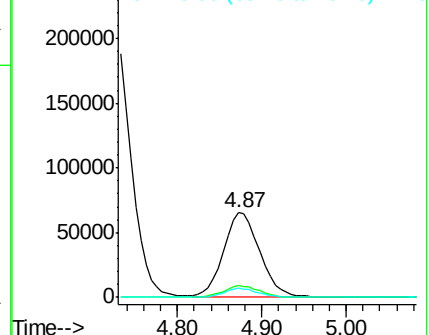
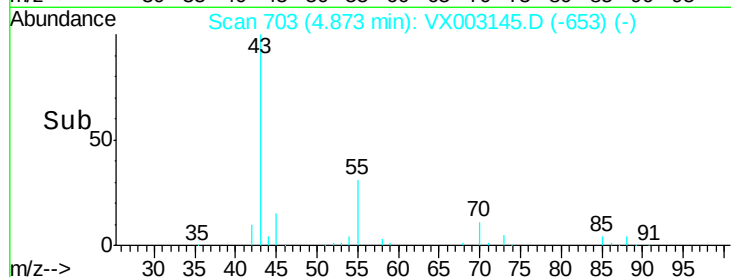
43 100

61 14.0 10.4 15.6

70 10.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX003145.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 48.94 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

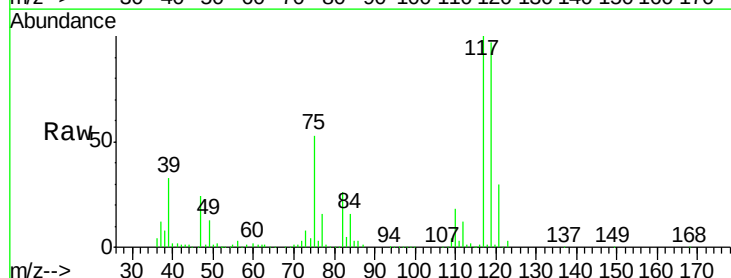
Tgt Ion: 117 Resp: 241406

Ion Ratio Lower Upper

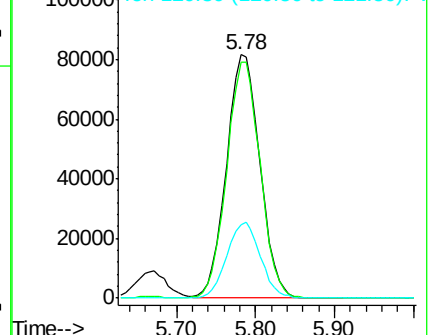
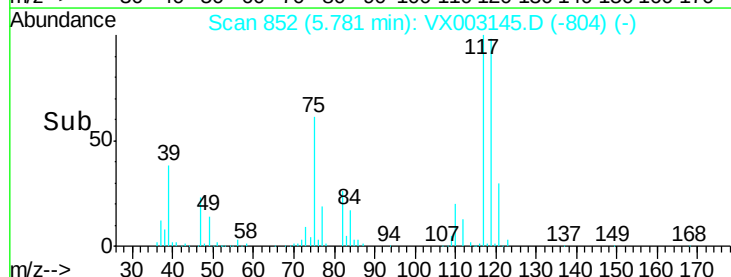
117 100

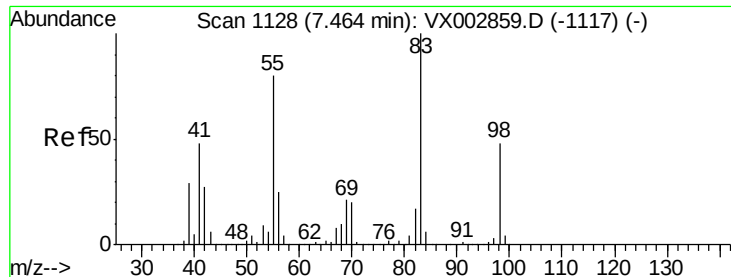
119 96.9 77.4 116.0

121 30.4 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): VX003145.D (-804) (-)

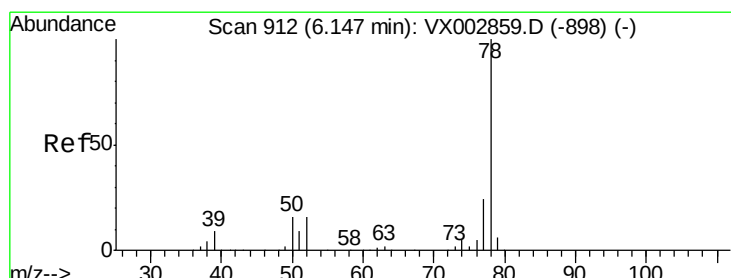
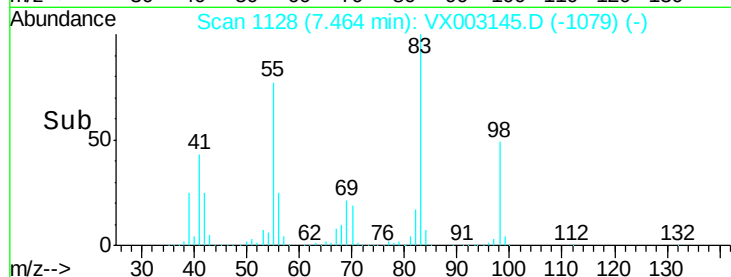
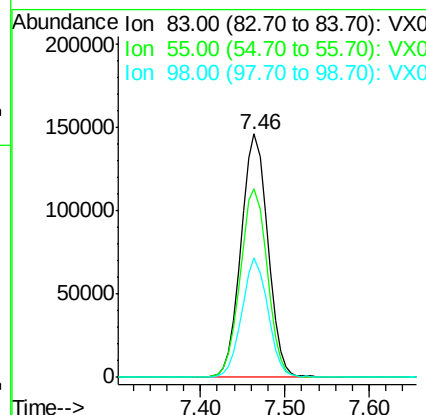
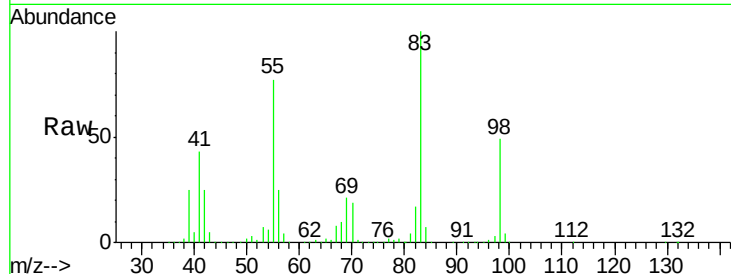




#39
Methylvlcyclohexane
Concen: 59.73 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

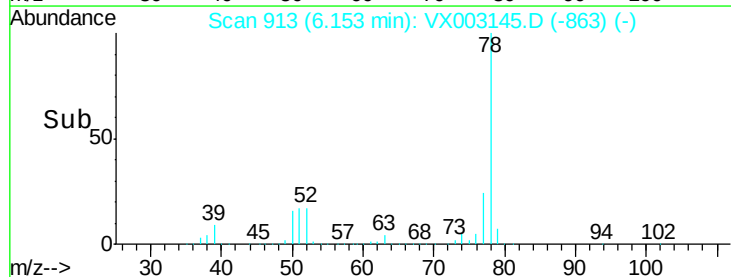
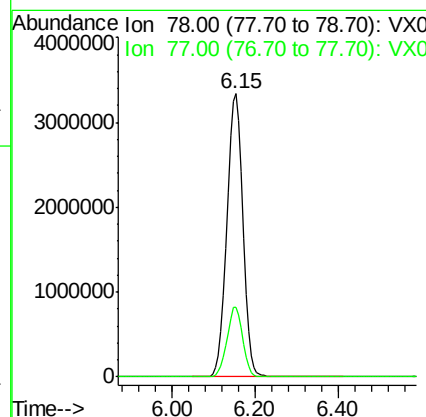
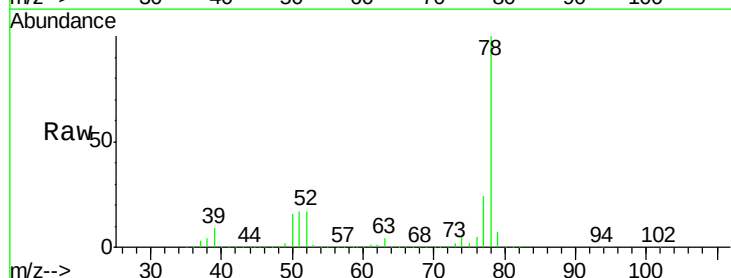
Instrument :
MSVOA_X
ClientSampleId :

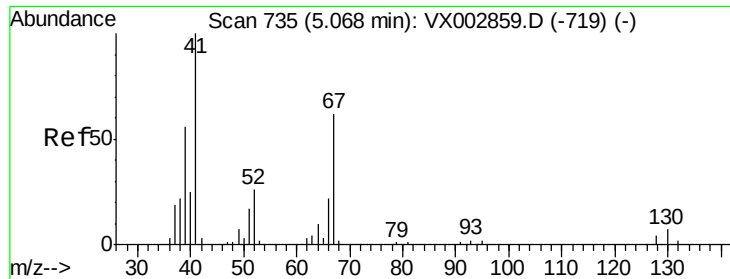
Tot Ion: 83 Resp: 312744
Ion Ratio Lower Upper
83 100
55 77.2 65.4 98.0
98 48.8 37.4 56.0



#40
Benzene
Concen: 679.03 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion: 78 Resp: 8869259
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

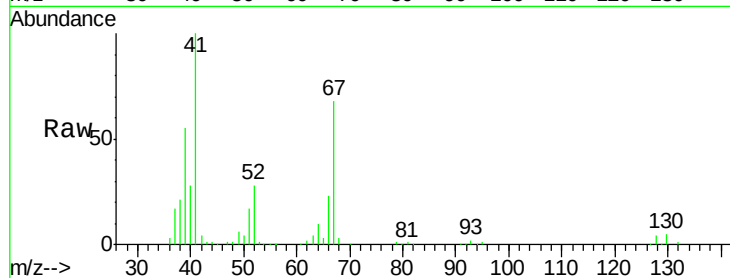




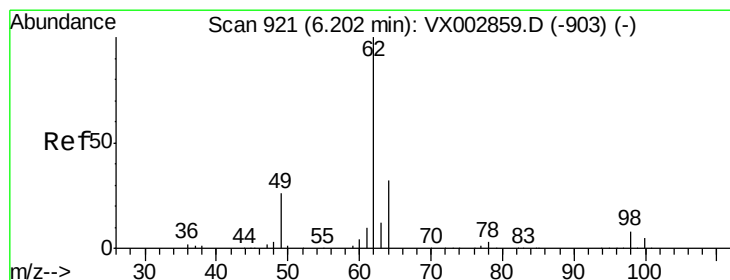
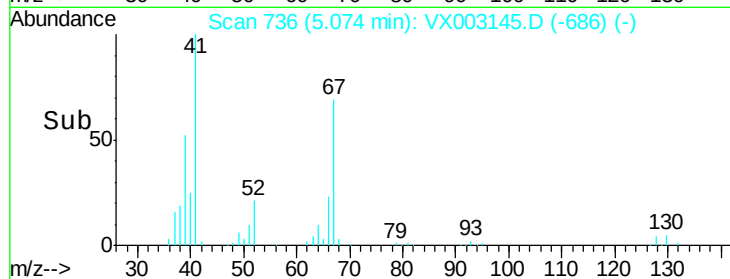
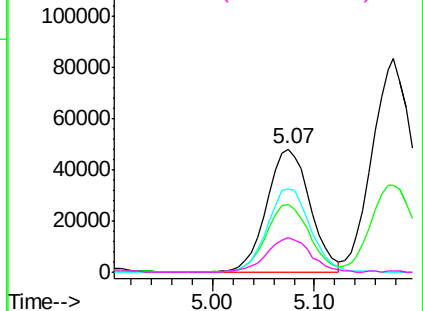
#41
Methacrylonitrile
Concen: 50.59 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	140997
Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.8	68.6
67	68.3	51.3	76.9
52	27.6	23.0	34.6

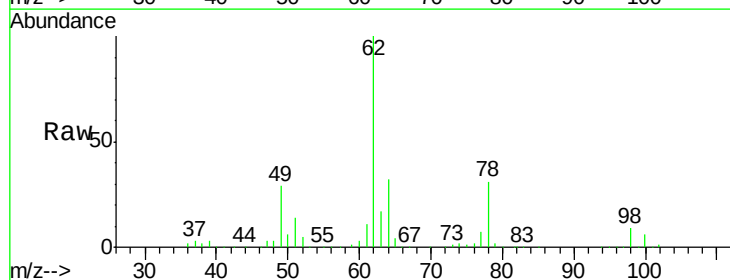


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

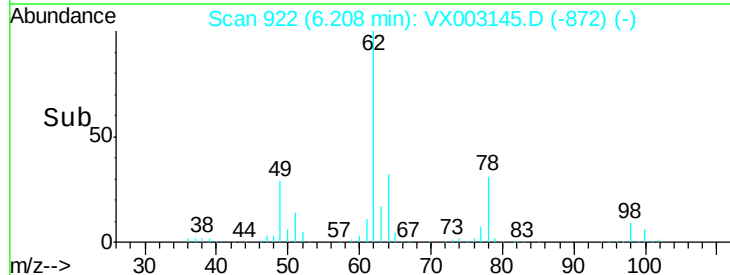
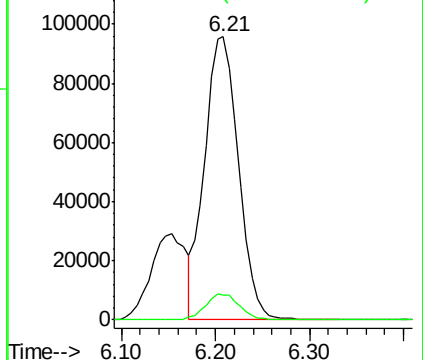


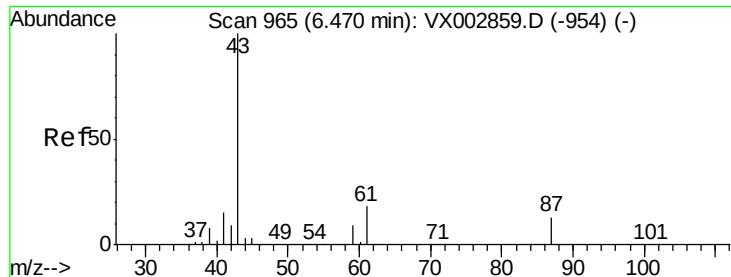
#42
1,2-Dichloroethane
Concen: 45.05 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion:	62	Resp:	237686
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 42.46 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

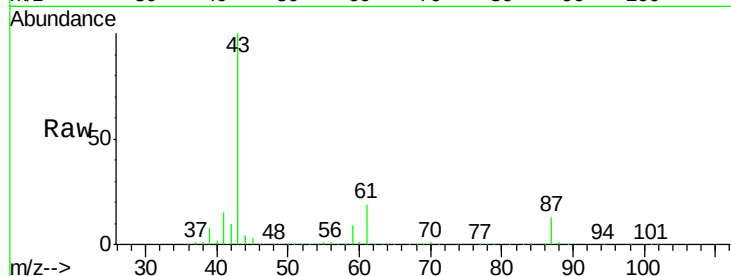
Tot Ion: 43 Resp: 344687

Ion Ratio Lower Upper

43 100

61 18.7 14.4 21.6

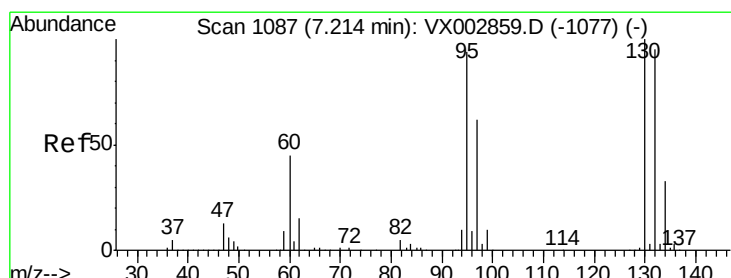
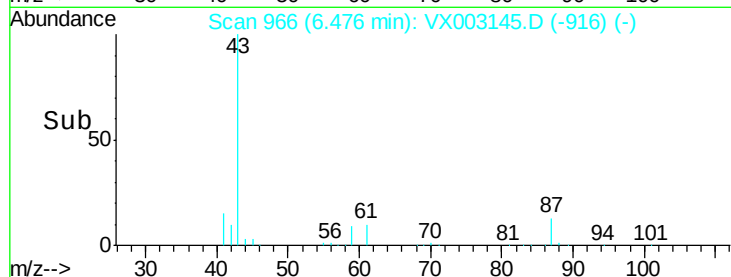
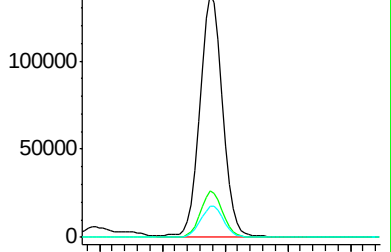
87 13.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002859.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX002859.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX002859.D (-954) (-)



#44

Trichloroethene

Concen: 48.60 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003145.D

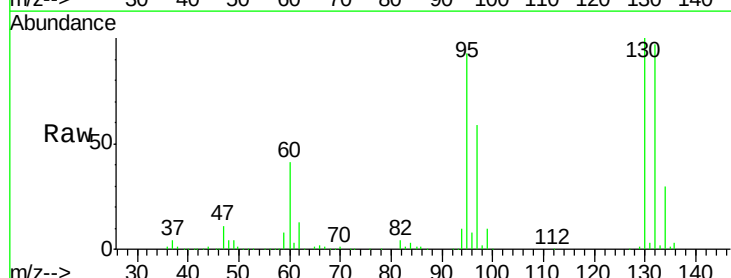
Acq: 03 Jul 2018 13:37

Tgt Ion:130 Resp: 189245

Ion Ratio Lower Upper

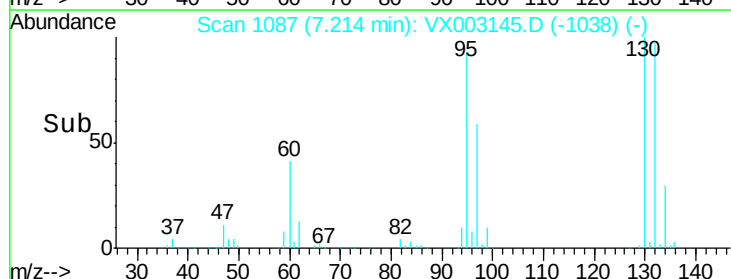
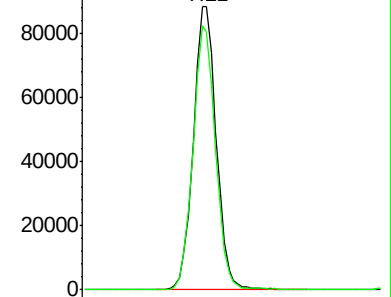
130 100

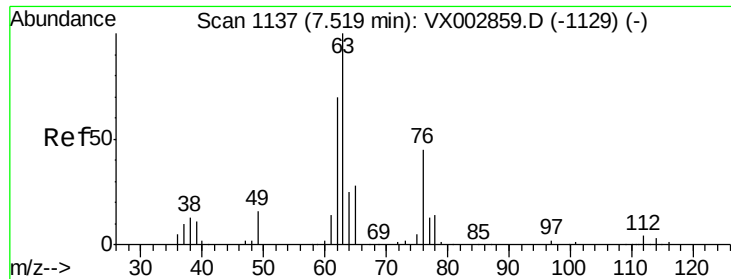
95 93.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002859.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX002859.D (-1077) (-)

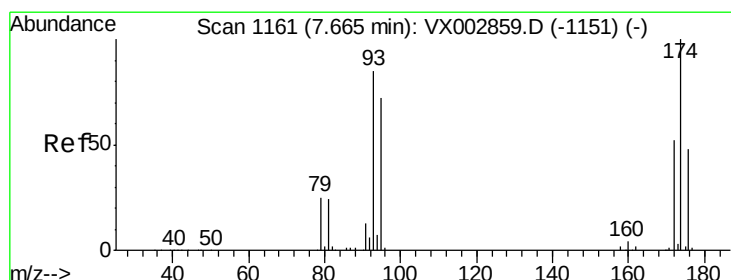
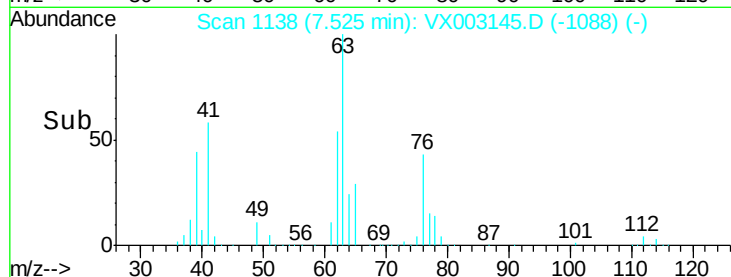
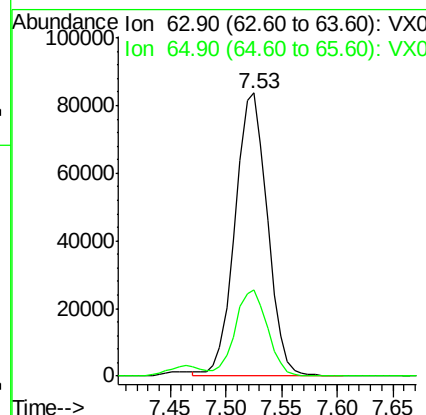
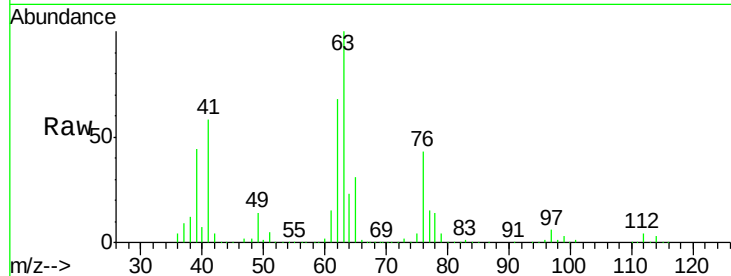




#45
 1,2-Dichloropropane
 Concen: 48.60 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

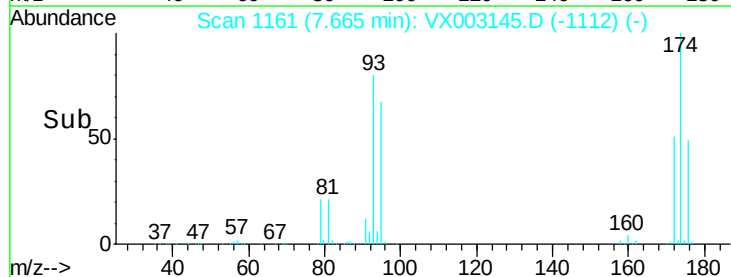
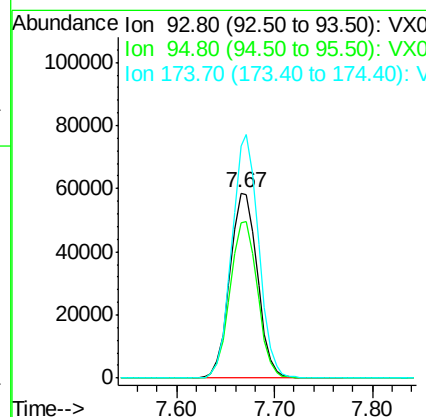
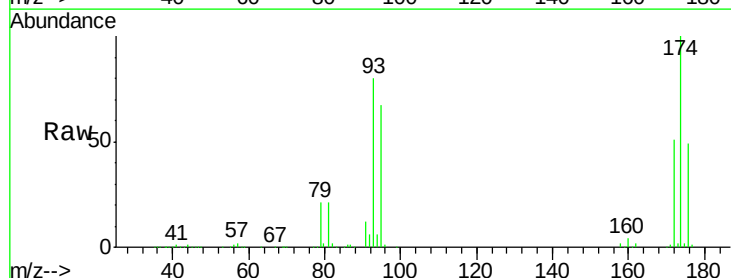
Instrument :
 MSVOA_X
 ClientSampleId :

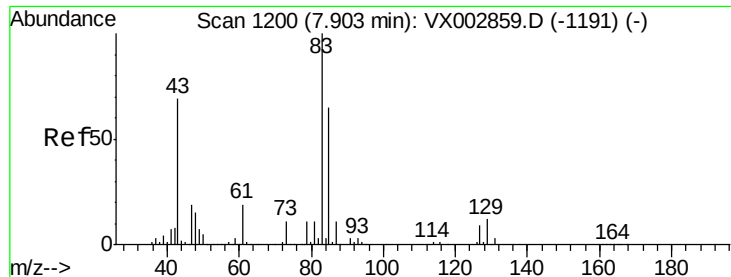
Tot Ion: 63 Resp: 168375
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 47.76 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion: 93 Resp: 114838
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.9 98.9
 174 127.3 92.4 138.6





#47

Bromodichloromethane

Concen: 48.19 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampleId :

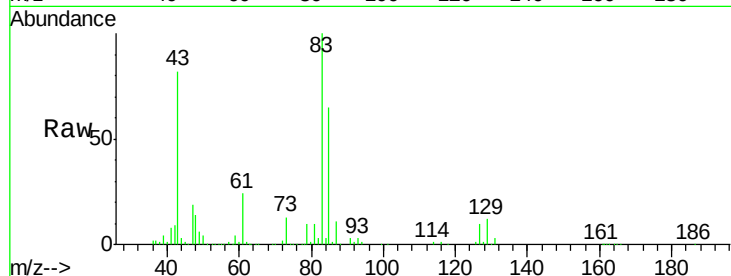
Tot Ion: 83 Resp: 214202

Ion Ratio Lower Upper

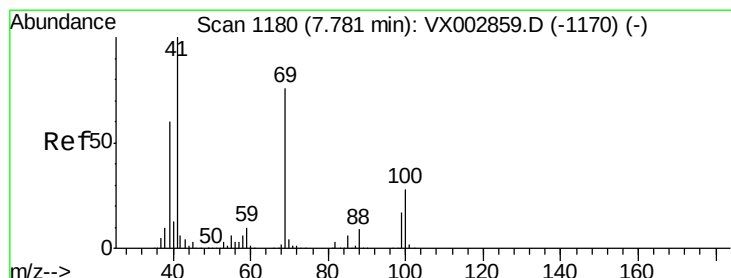
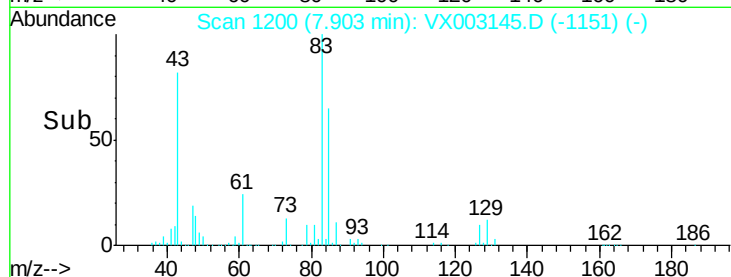
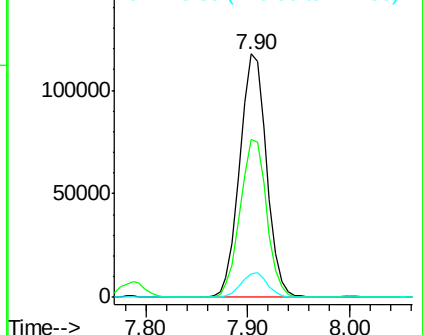
83 100

85 64.8 50.3 75.5

127 9.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.35 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

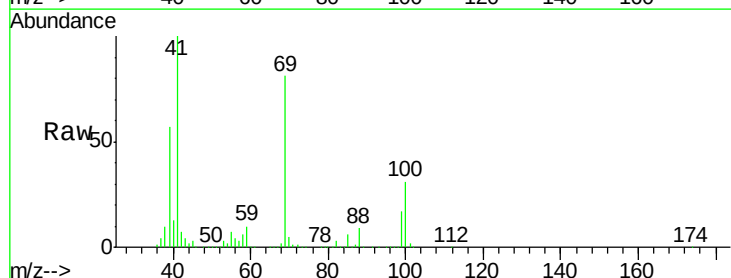
Tgt Ion: 41 Resp: 206396

Ion Ratio Lower Upper

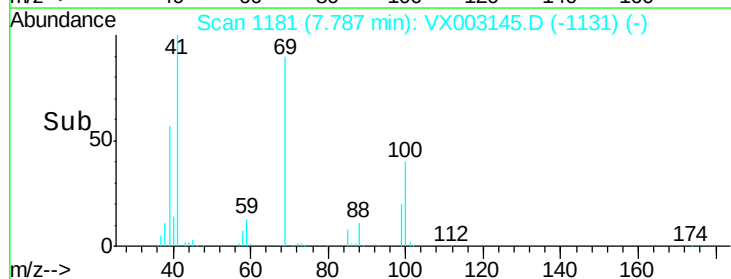
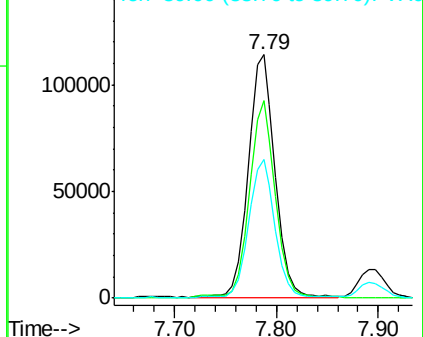
41 100

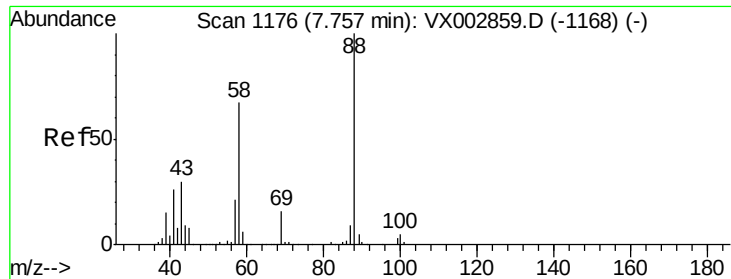
69 80.5 59.1 88.7

39 56.2 48.9 73.3



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

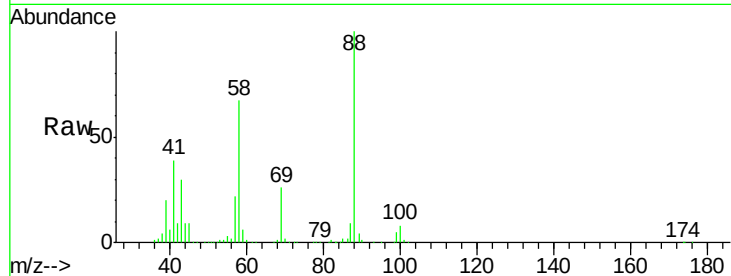




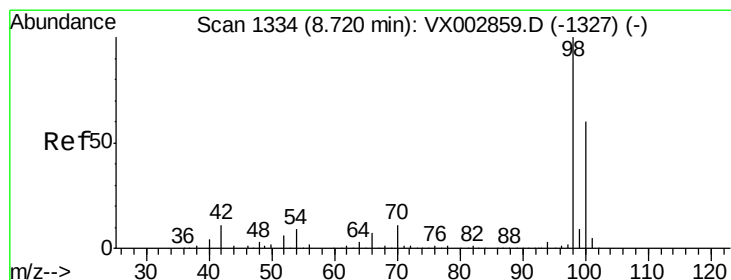
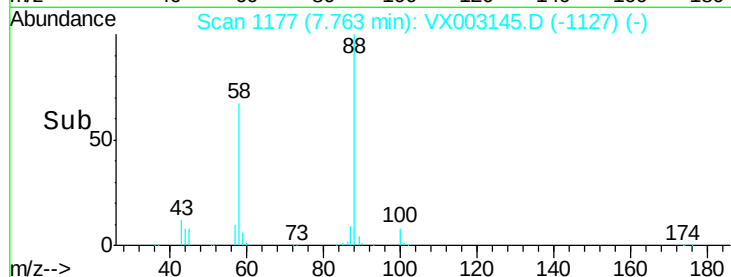
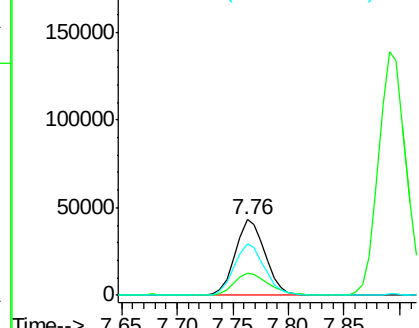
#49
1,4-Dioxane
Concen: 986.63 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 80289
Ion Ratio Lower Upper
88 100
43 33.7 29.8 44.6
58 68.9 57.1 85.7

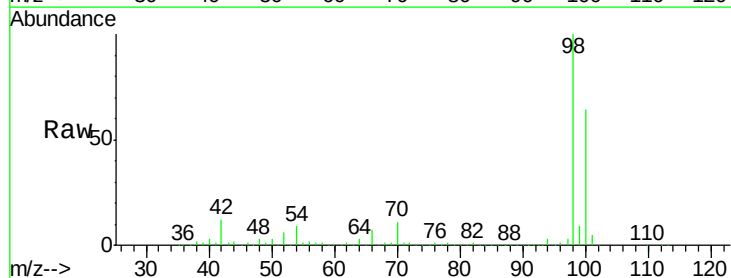


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

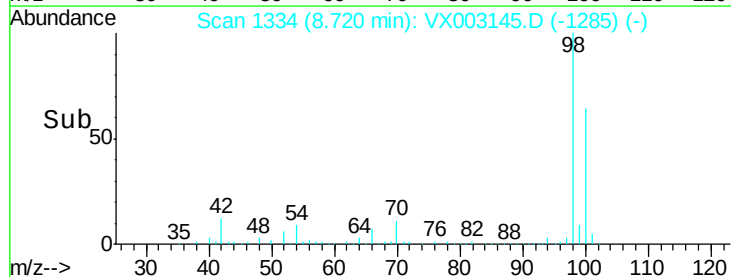
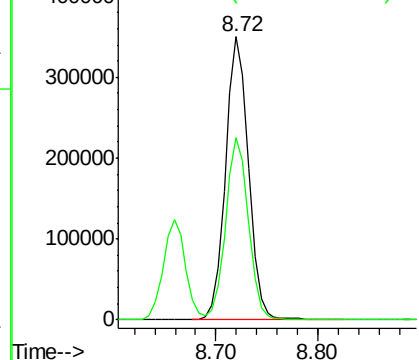


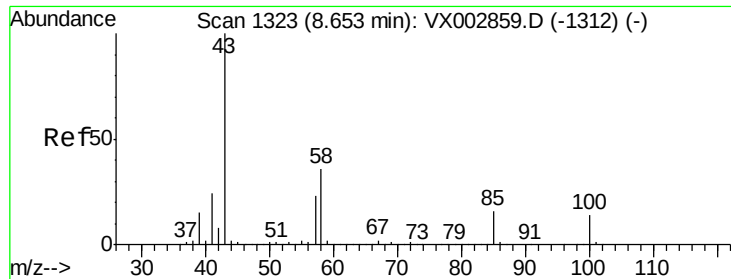
#50
Toluene-d8
Concen: 45.90 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion: 98 Resp: 544130
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 248.54 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

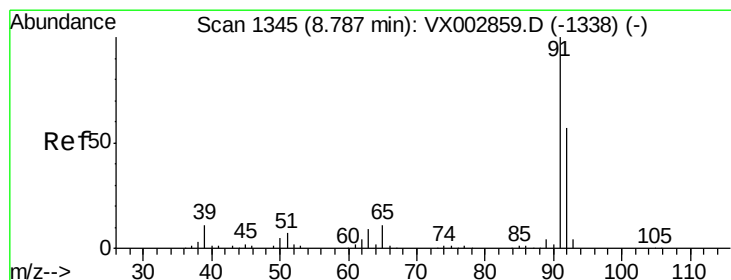
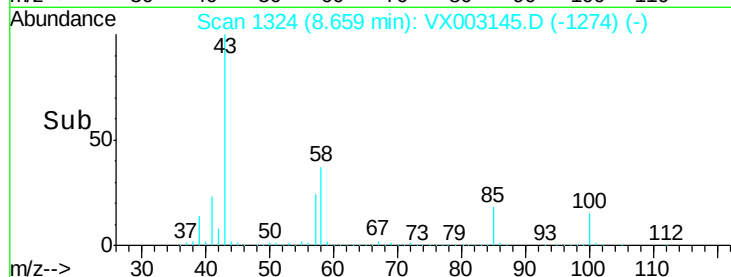
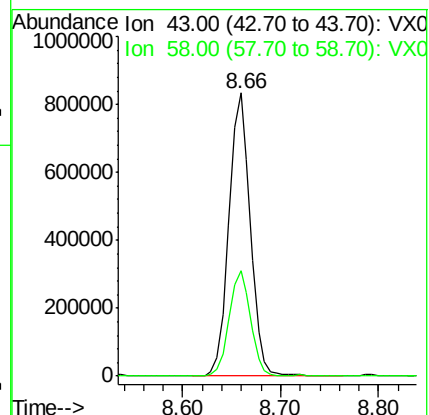
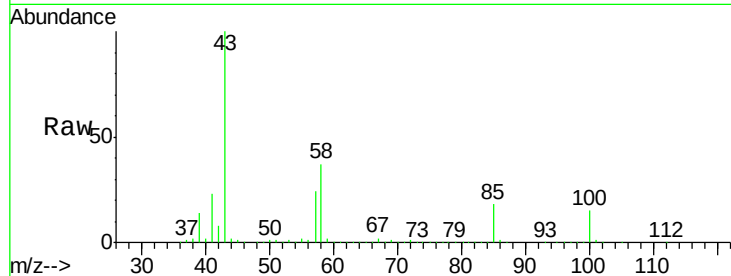
ClientSampleId :

Tot Ion: 43 Resp: 1262310

Ion Ratio Lower Upper

43 100

58 37.3 28.6 42.8



#52

Toluene

Concen: 48.43 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003145.D

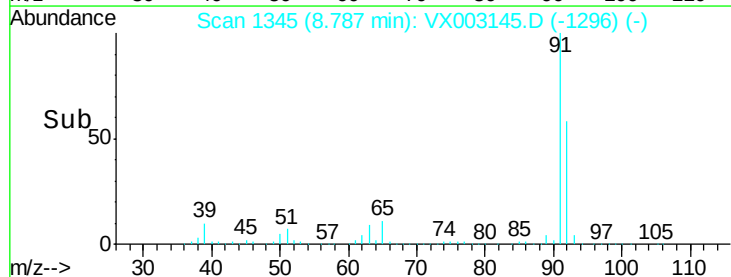
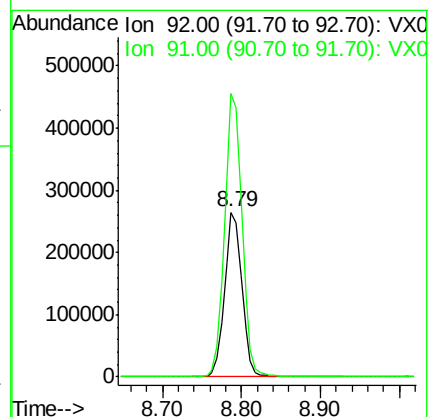
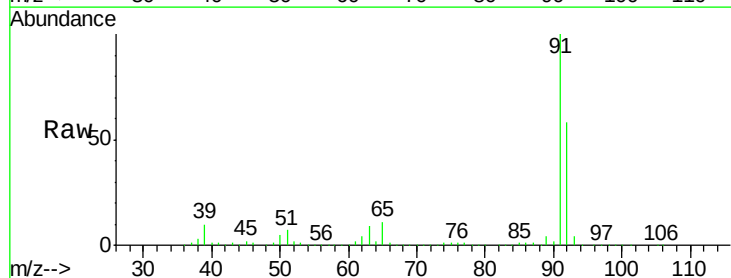
Acq: 03 Jul 2018 13:37

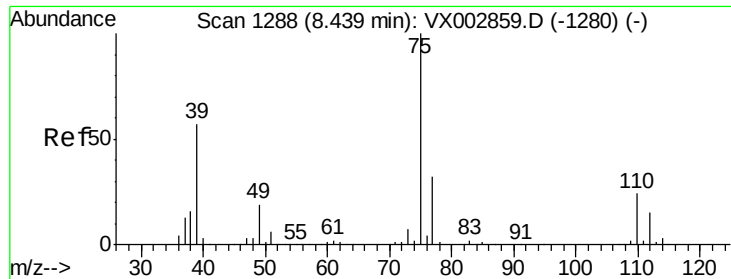
Tgt Ion: 92 Resp: 405247

Ion Ratio Lower Upper

92 100

91 173.9 140.4 210.6

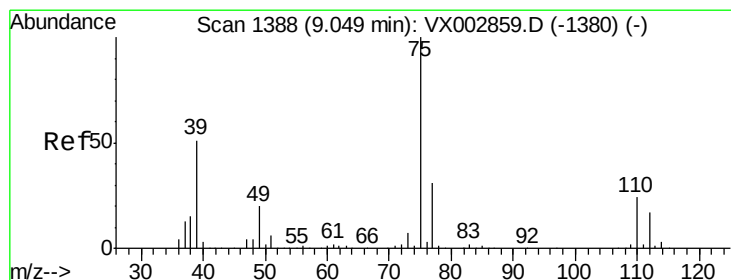
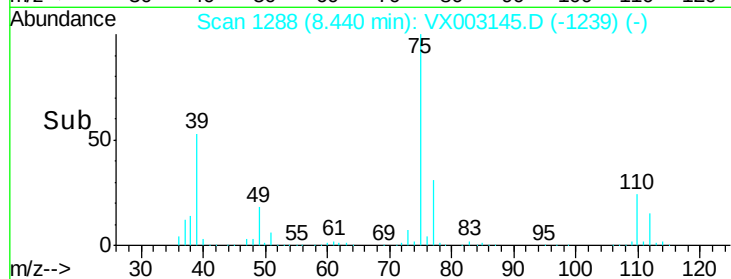
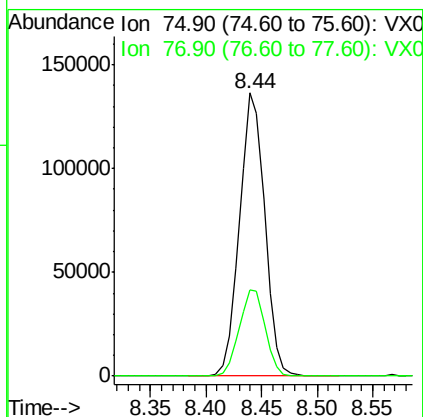
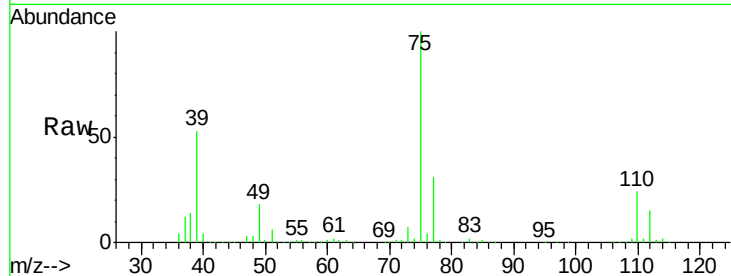




#53
 t-1,3-Dichloropropene
 Concen: 42.63 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

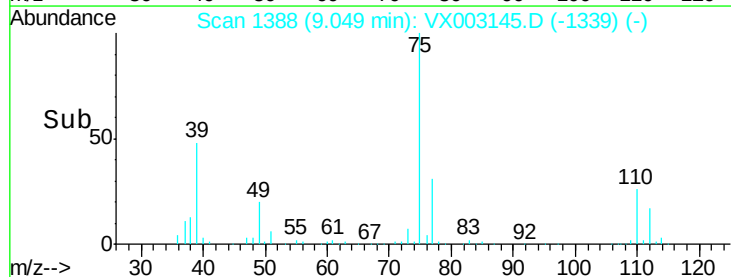
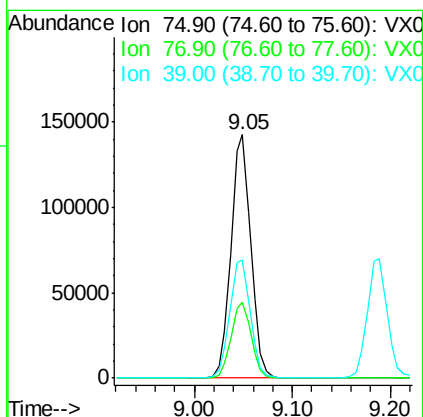
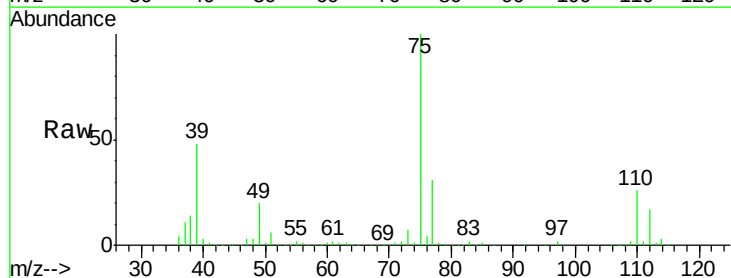
Instrument :
 MSVOA_X
 ClientSampleId :

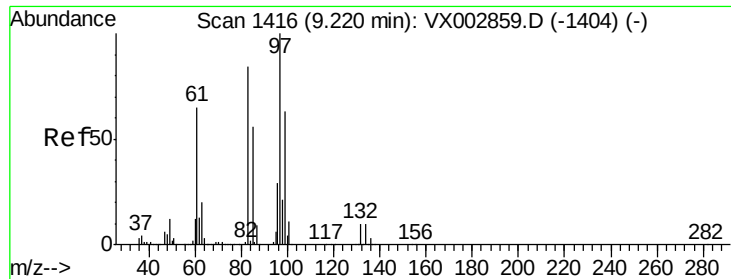
Tot Ion: 75 Resp: 214630
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 41.36 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion: 75 Resp: 200355
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2
 39 48.2 42.4 63.6

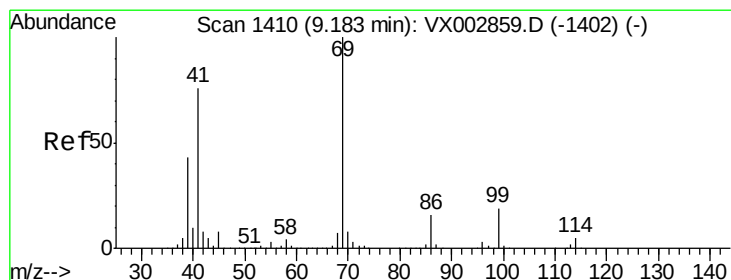
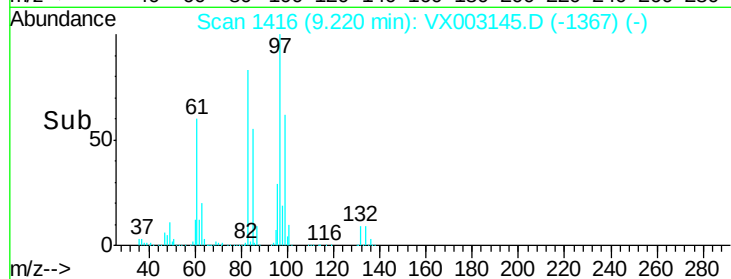
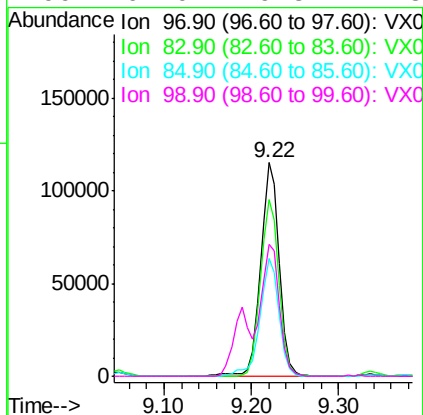
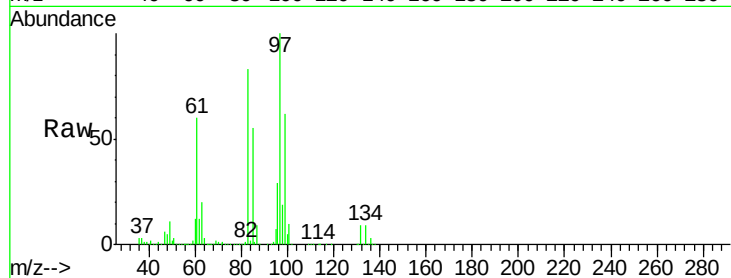




#55
 1,1,2-Trichloroethane
 Concen: 49.20 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

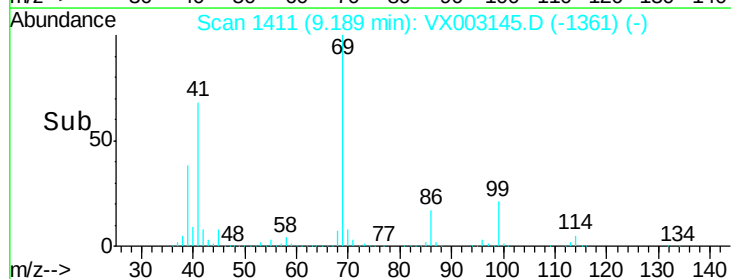
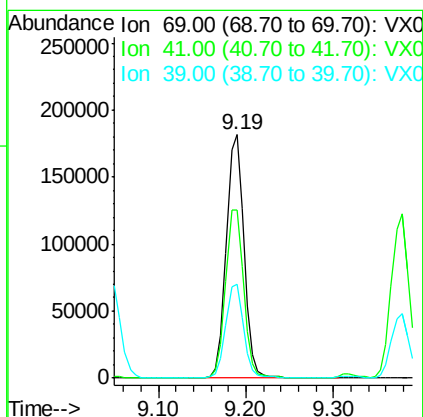
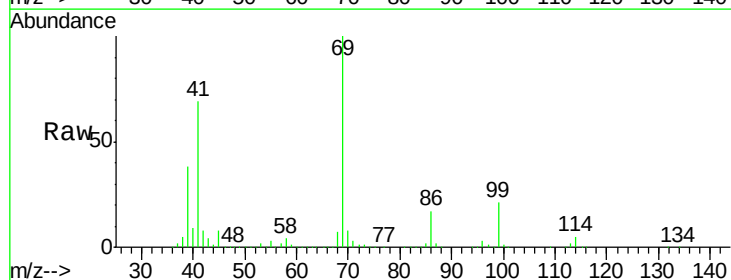
Instrument :
 MSVOA_X
 ClientSampleId :

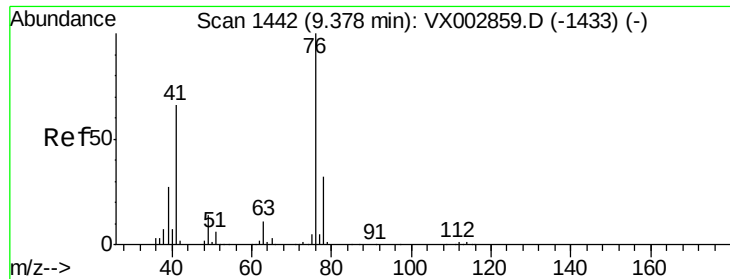
Tot Ion:	97	Resp:	169159
Ion	Ratio	Lower	Upper
97	100		
83	82.8	70.2	105.2
85	55.3	44.9	67.3
99	62.0	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 50.90 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion:	69	Resp:	255762
Ion	Ratio	Lower	Upper
69	100		
41	70.6	60.3	90.5
39	38.8	35.8	53.8

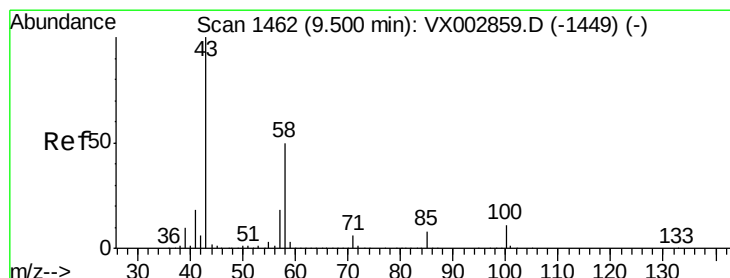
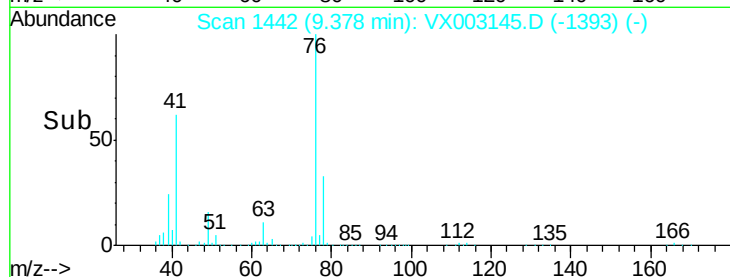
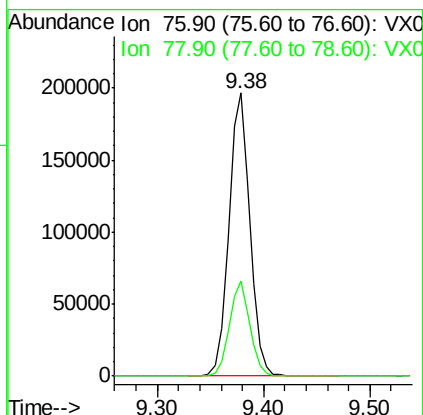
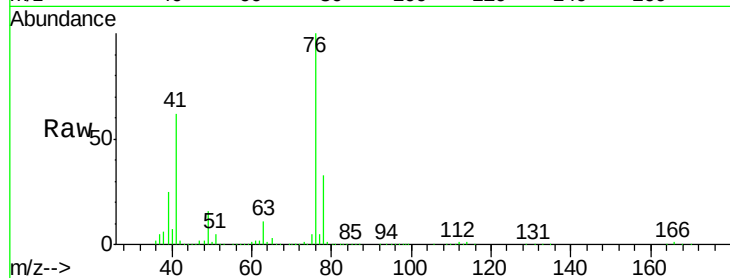




#57
 1,3-Dichloropropane
 Concen: 48.04 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

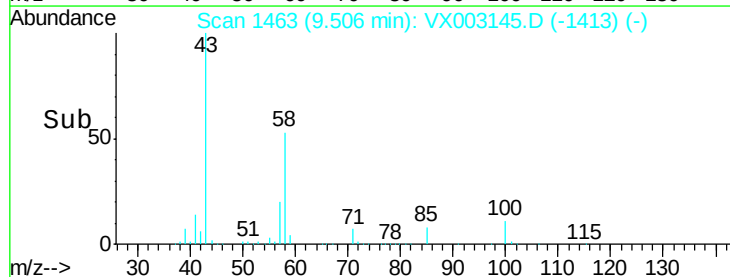
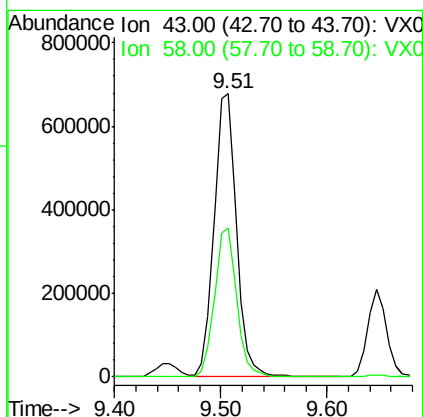
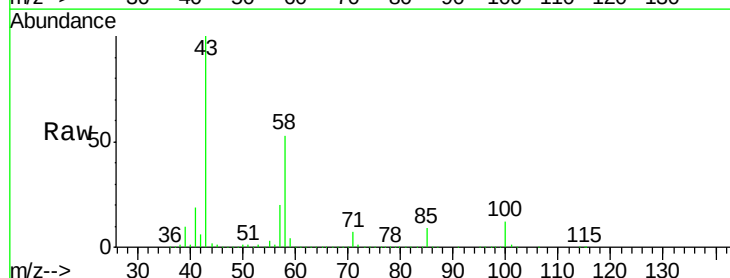
Instrument :
 MSVOA_X
 ClientSampled :

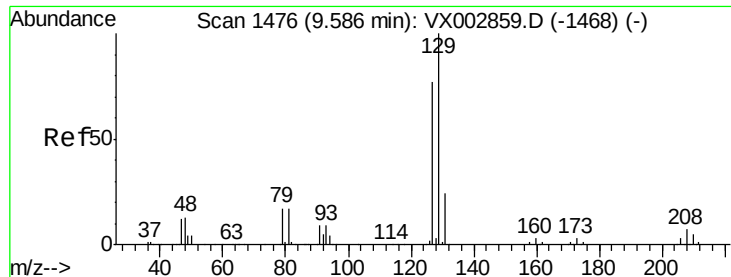
Tot Ion: 76 Resp: 271276
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6



#59
 2-Hexanone
 Concen: 256.17 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion: 43 Resp: 988825
 Ion Ratio Lower Upper
 43 100
 58 52.2 24.6 73.6

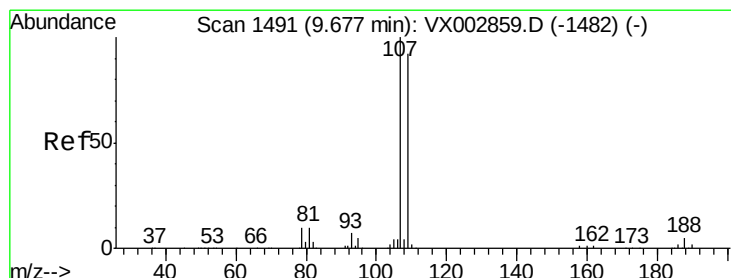
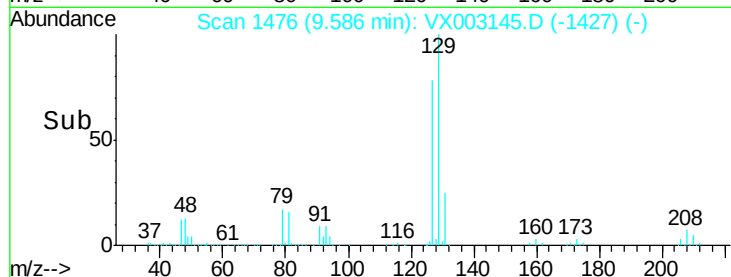
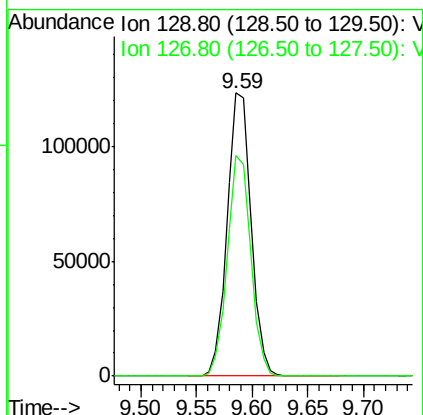
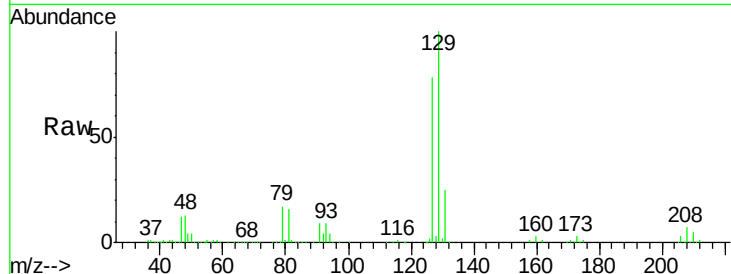




#60
 Dibromochloromethane
 Concen: 50.49 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

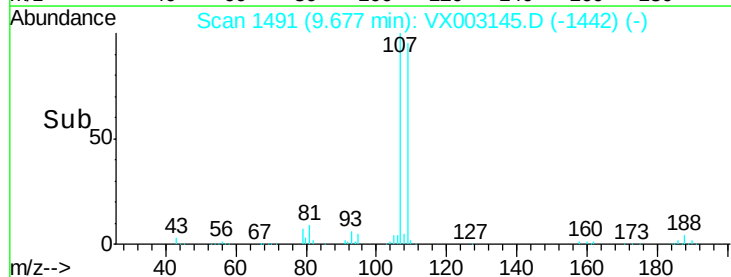
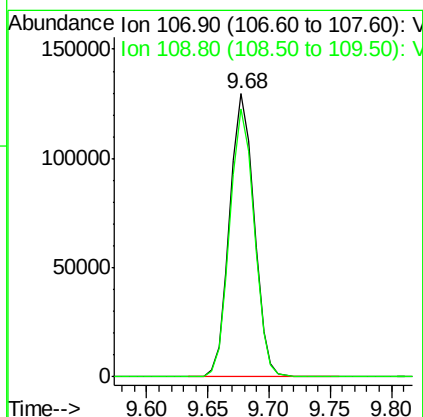
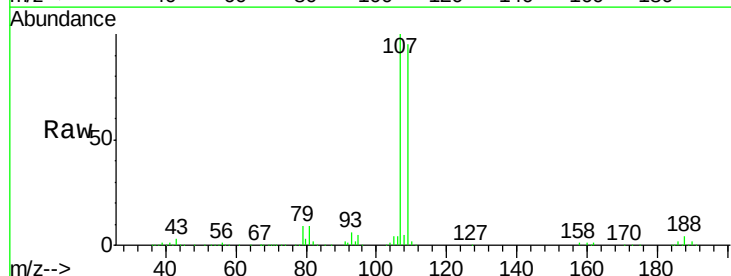
Instrument :
 MSVOA_X
 ClientSampleId :

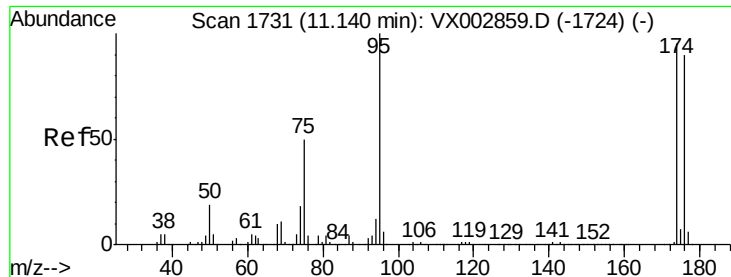
Tot Ion:129 Resp: 182770
 Ion Ratio Lower Upper
 129 100
 127 76.9 38.5 115.3



#61
 1,2-Dibromoethane
 Concen: 49.79 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion:107 Resp: 179582
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.3 112.9





#62

4-Bromofluorobenzene

Concen: 45.29 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

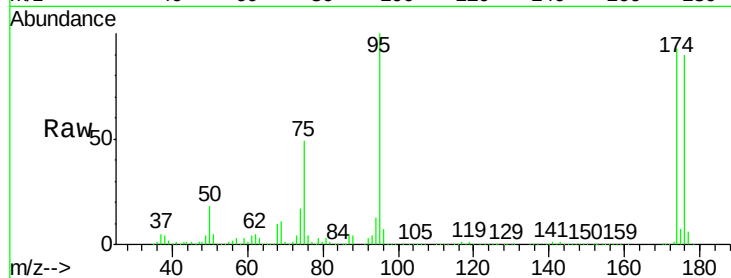
Tot Ion: 95 Resp: 207050

Ion Ratio Lower Upper

95 100

174 98.3 0.0 187.4

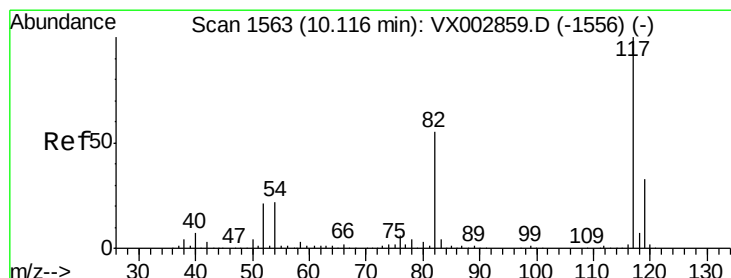
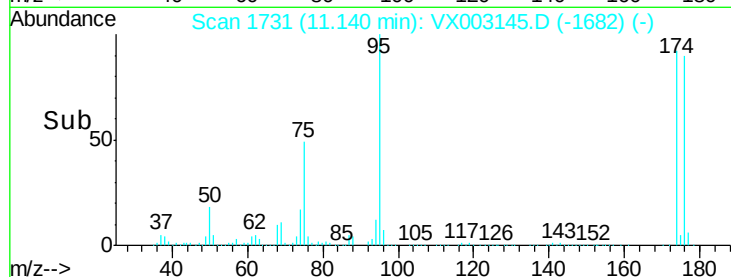
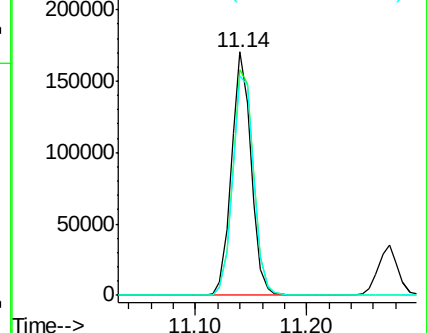
176 96.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

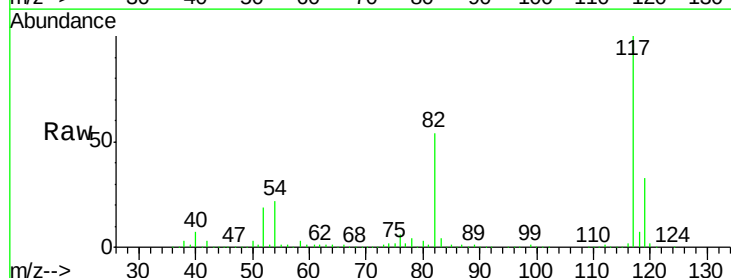
Tgt Ion: 117 Resp: 369736

Ion Ratio Lower Upper

117 100

82 53.9 45.0 67.4

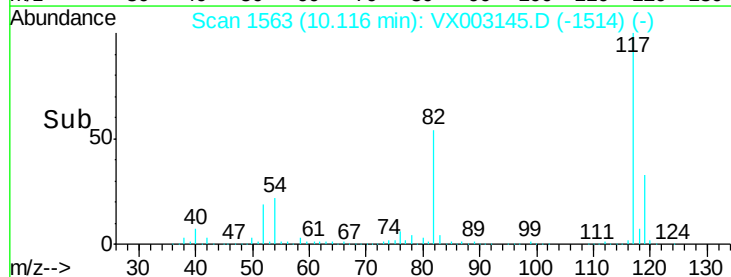
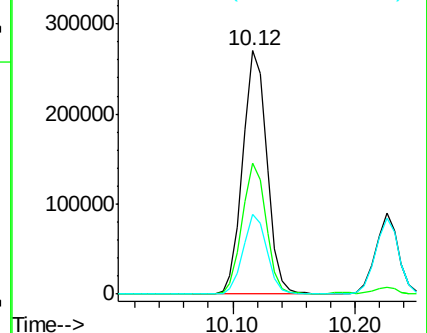
119 32.6 25.8 38.6

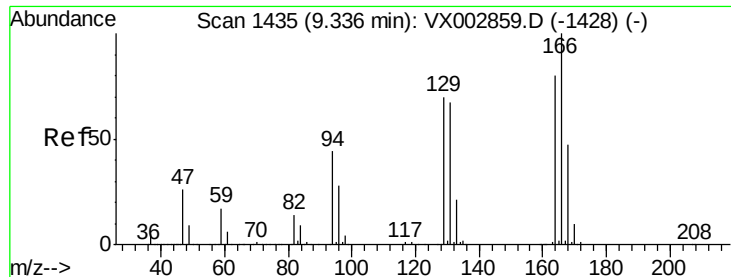


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 46.01 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 189158

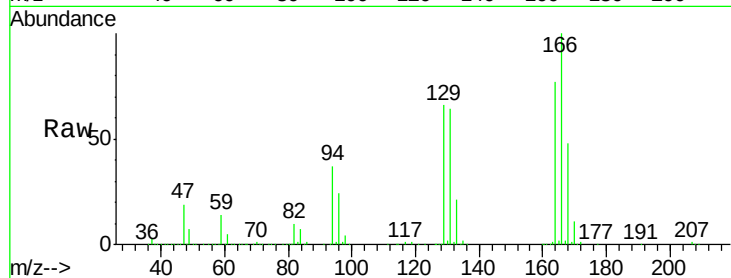
Ion Ratio Lower Upper

164 100

166 129.7 102.9 154.3

129 85.3 68.6 102.8

131 82.6 66.8 100.2

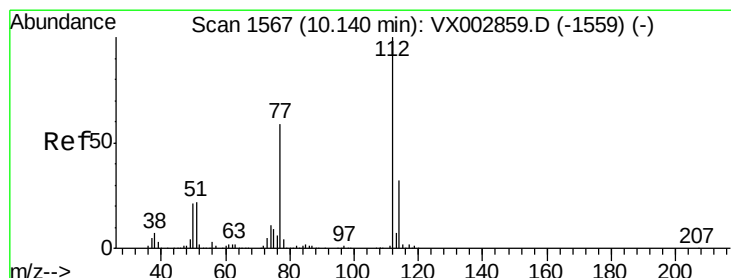
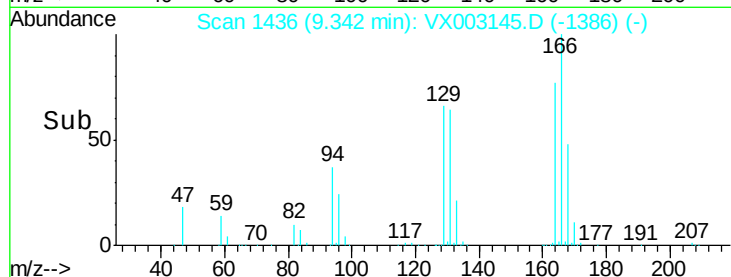
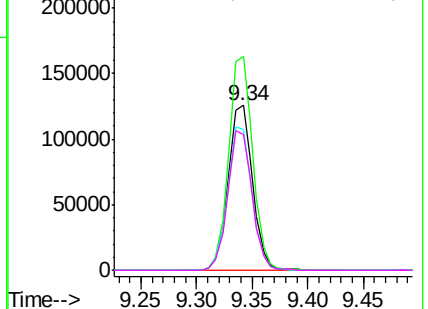


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.83 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003145.D

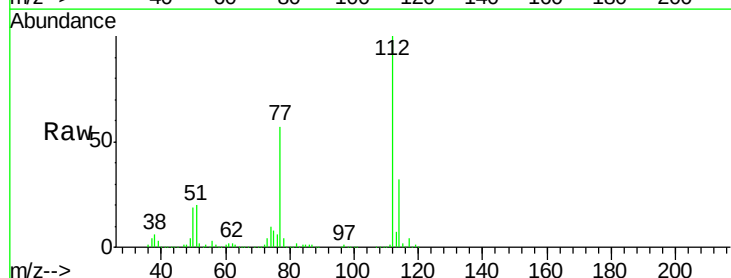
Acq: 03 Jul 2018 13:37

Tgt Ion:112 Resp: 467955

Ion Ratio Lower Upper

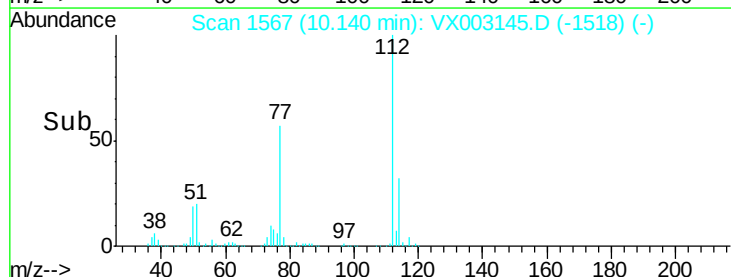
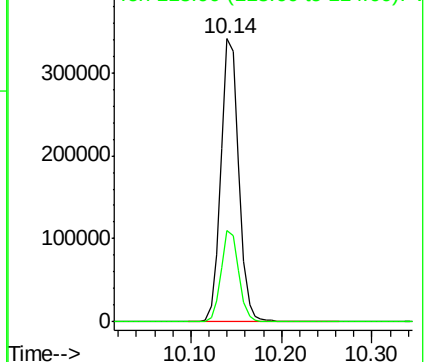
112 100

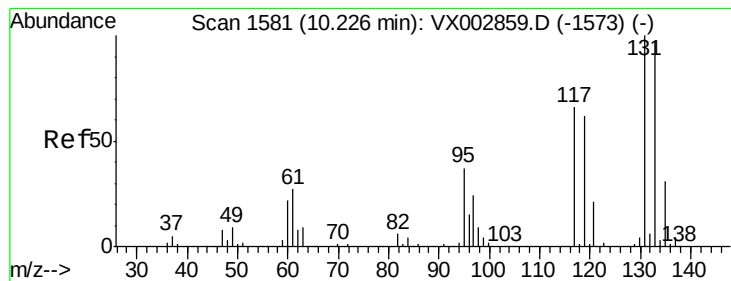
114 32.4 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.96 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

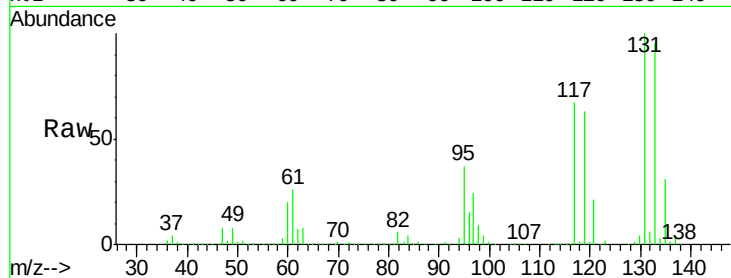
Tot Ion:131 Resp: 177253

Ion Ratio Lower Upper

131 100

133 95.6 47.9 143.6

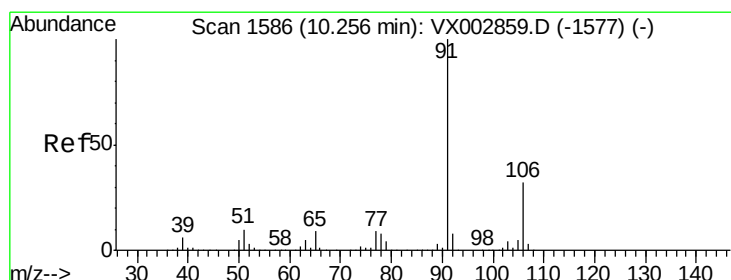
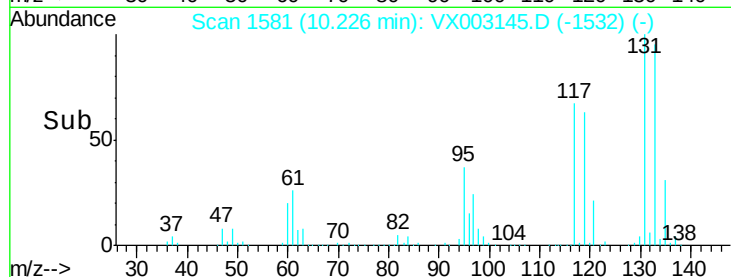
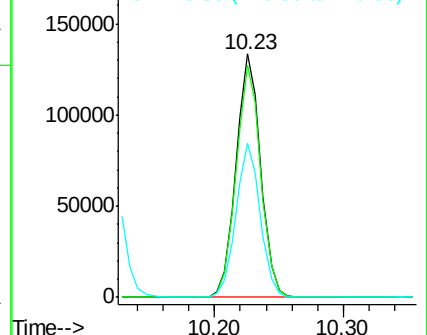
119 62.7 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 59.63 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003145.D

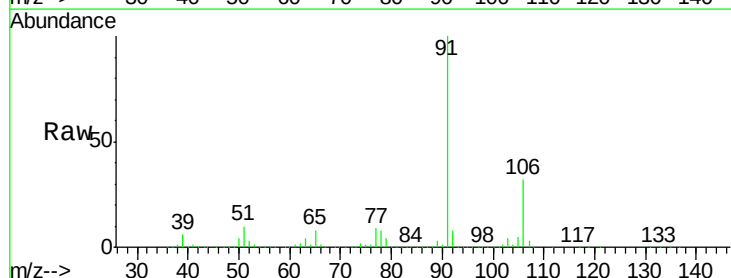
Acq: 03 Jul 2018 13:37

Tgt Ion: 91 Resp: 925144

Ion Ratio Lower Upper

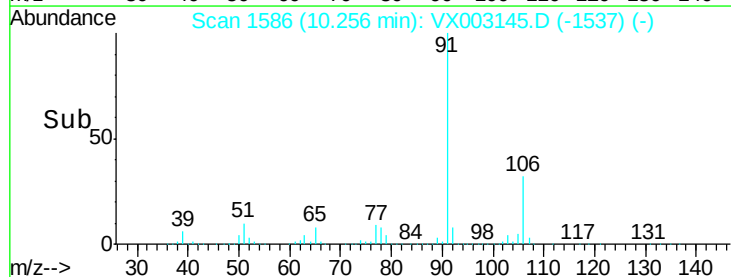
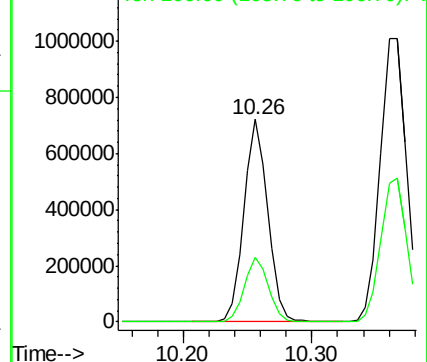
91 100

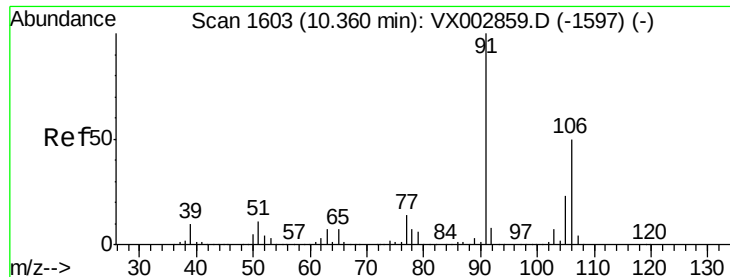
106 31.8 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

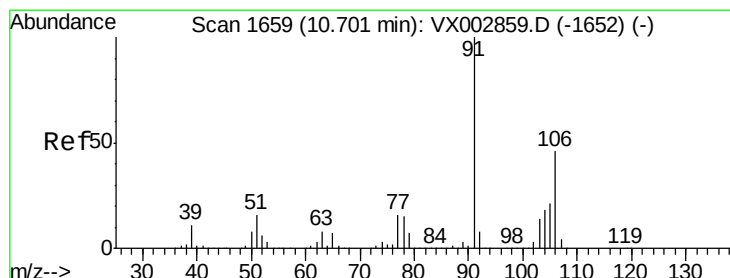
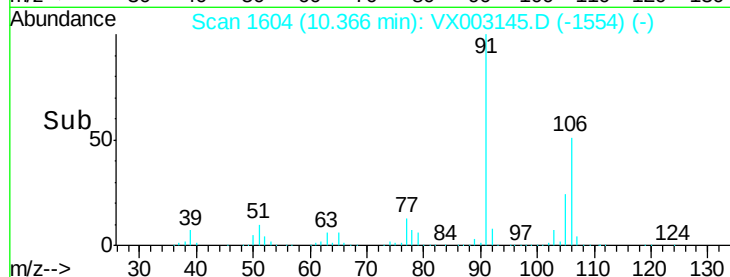
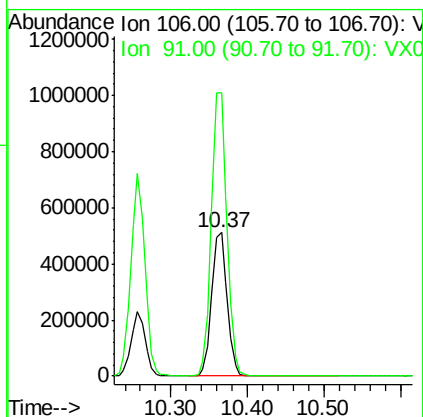
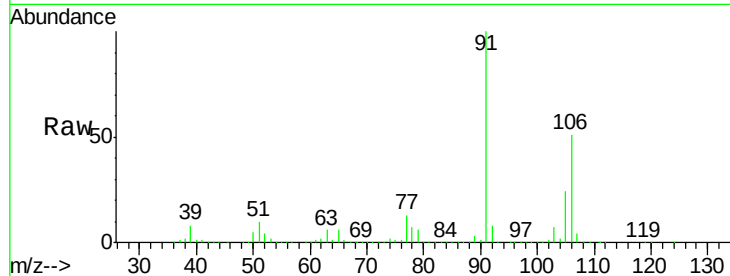




#68
m/p-Xvlenes
Concen: 119.70 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

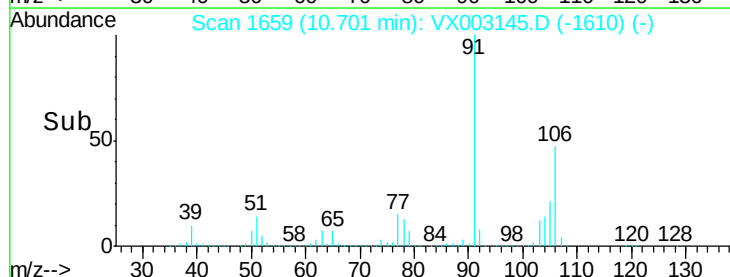
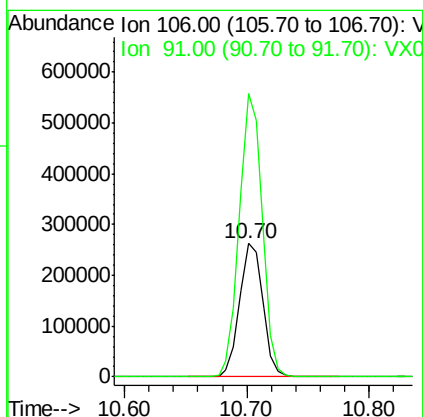
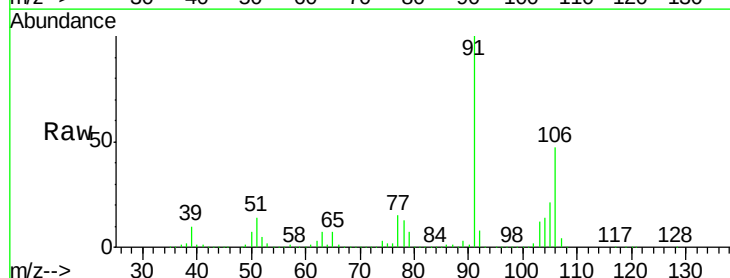
Instrument :
MSVOA_X
ClientSampled :

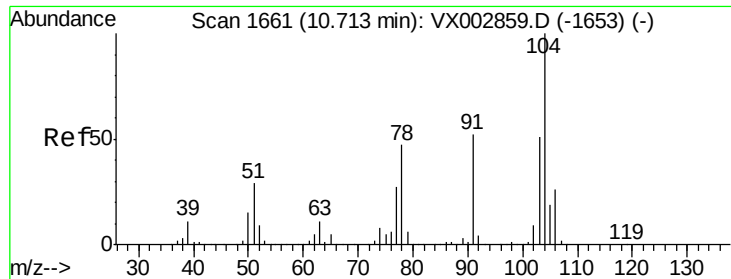
Tot Ion:106 Resp: 715699
Ion Ratio Lower Upper
106 100
91 199.1 163.4 245.2



#69
o-Xylene
Concen: 59.32 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion:106 Resp: 345340
Ion Ratio Lower Upper
106 100
91 209.3 108.2 324.6

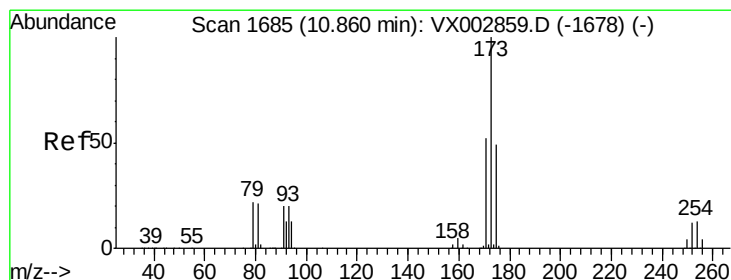
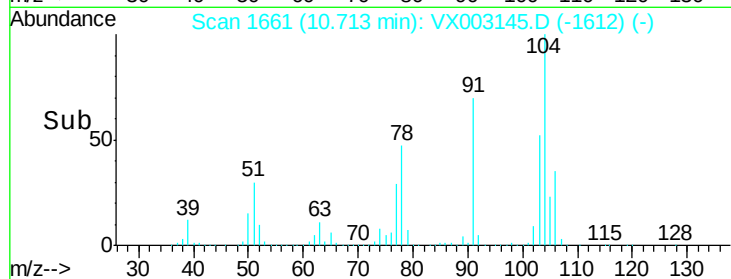
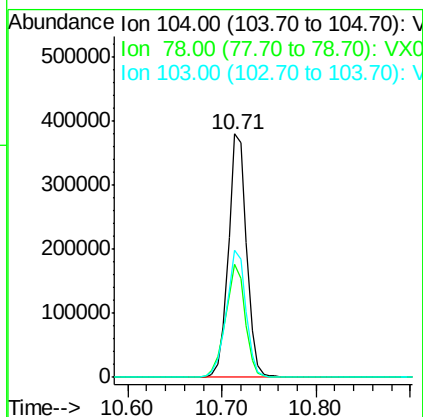
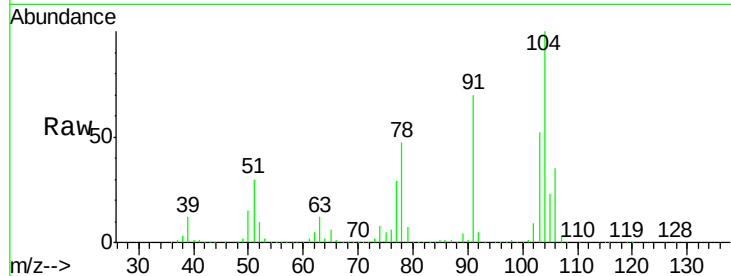




#70
Stvrene
Concen: 53.44 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

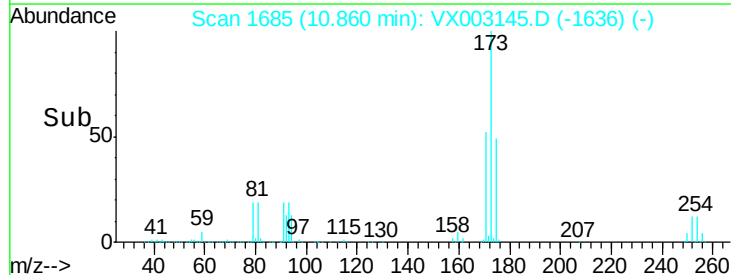
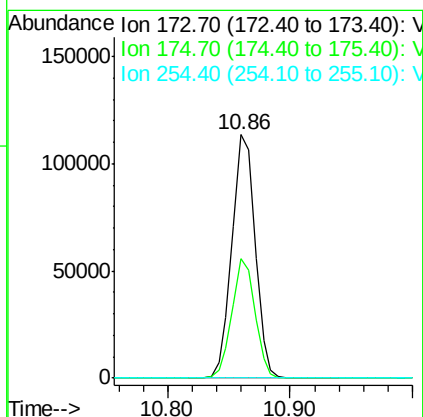
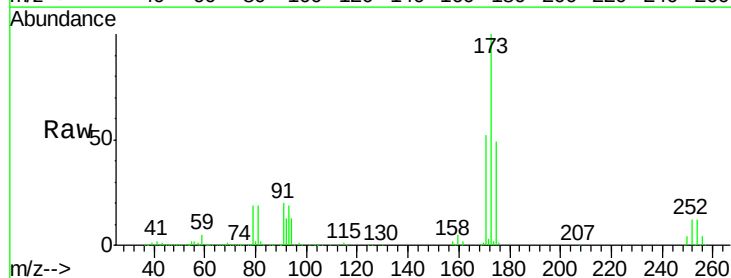
Instrument :
MSVOA_X
ClientSampled :

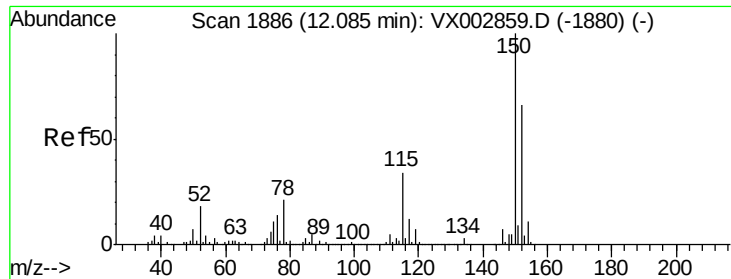
Tot Ion:104 Resp: 505560
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 56.3 44.2 66.4



#71
Bromoform
Concen: 48.34 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion:173 Resp: 148561
Ion Ratio Lower Upper
173 100
175 48.7 24.7 74.1
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

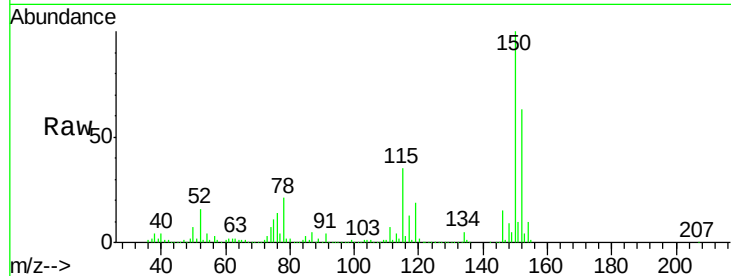
Tot Ion:152 Resp: 228250

Ion Ratio Lower Upper

152 100

115 77.9 40.1 120.2

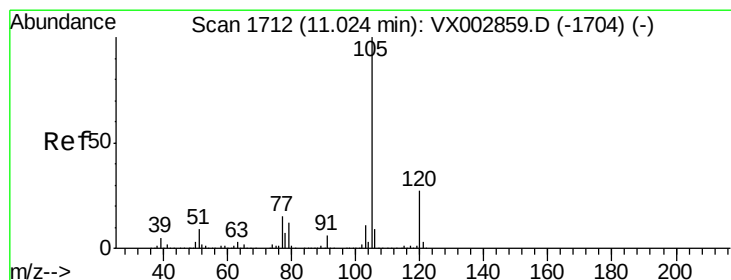
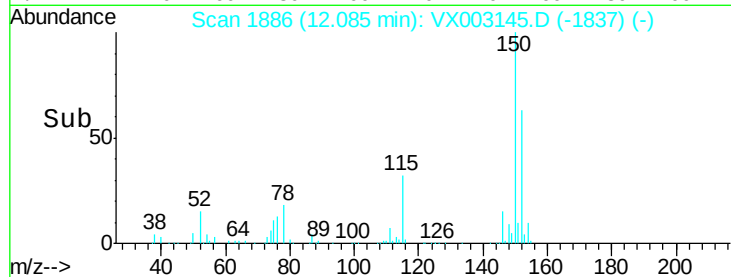
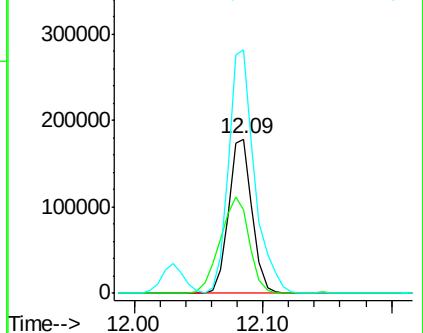
150 174.2 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 58.35 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003145.D

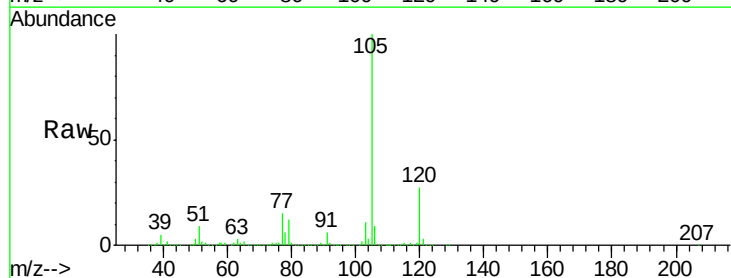
Acq: 03 Jul 2018 13:37

Tgt Ion:105 Resp: 895947

Ion Ratio Lower Upper

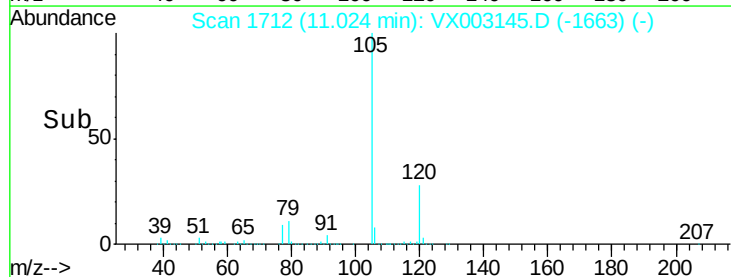
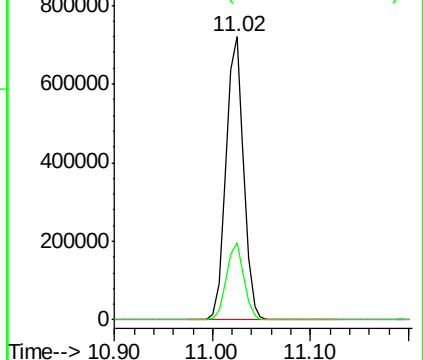
105 100

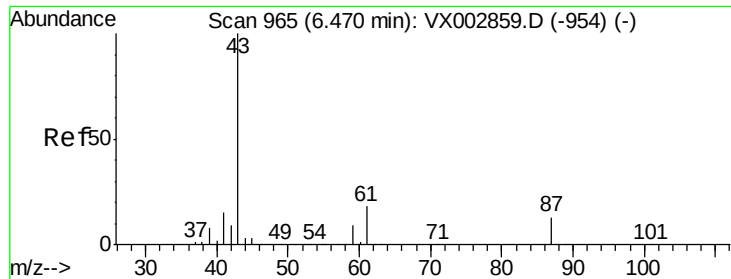
120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.88 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 344687

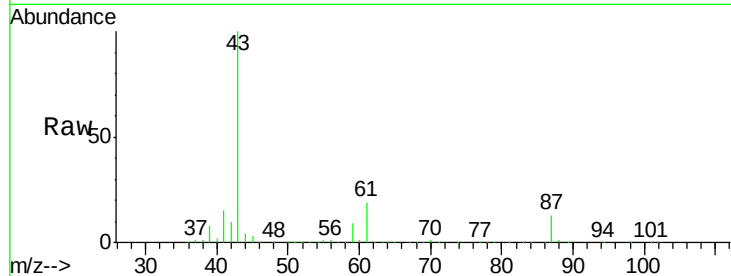
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.7 14.4 21.6

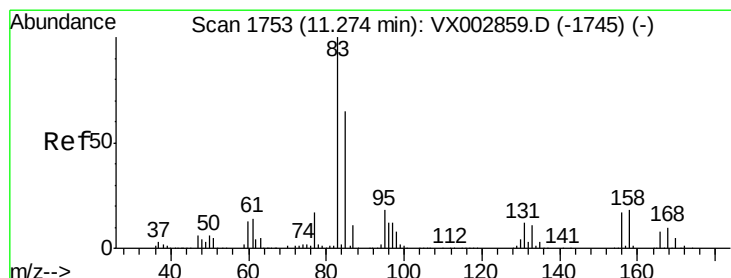
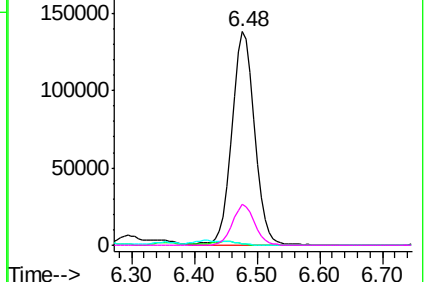
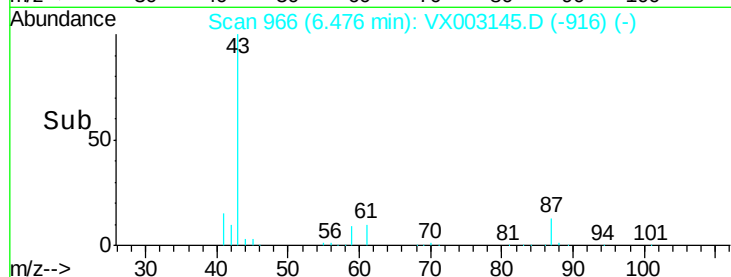


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 53.28 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

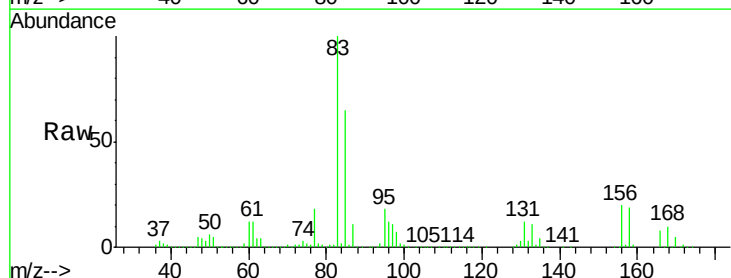
Tgt Ion: 83 Resp: 252010

Ion Ratio Lower Upper

83 100

131 11.5 5.6 16.8

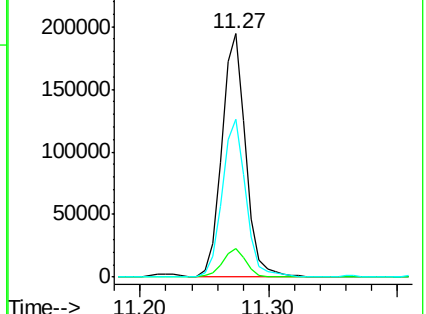
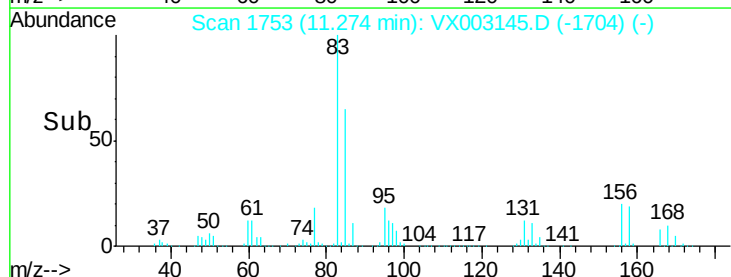
85 65.1 32.4 97.2

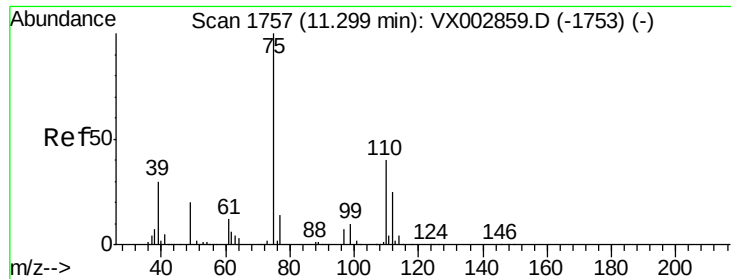


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

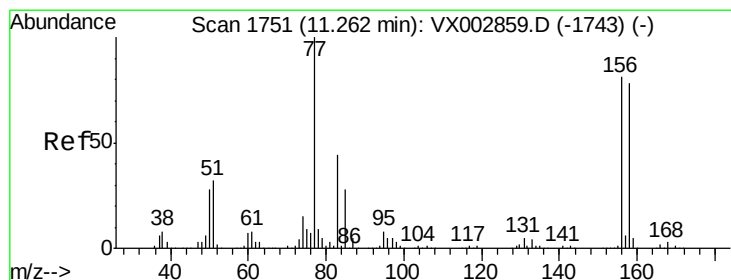
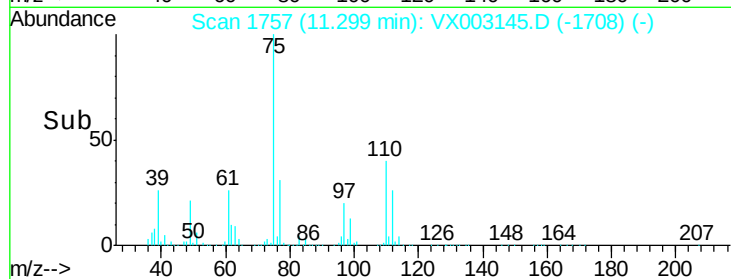
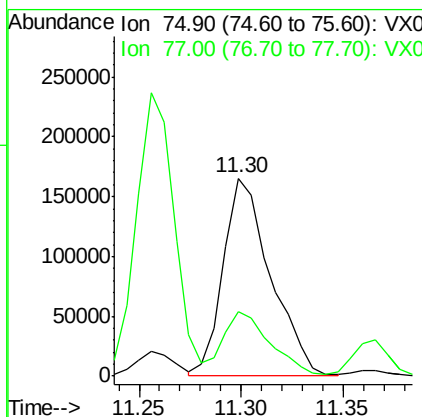
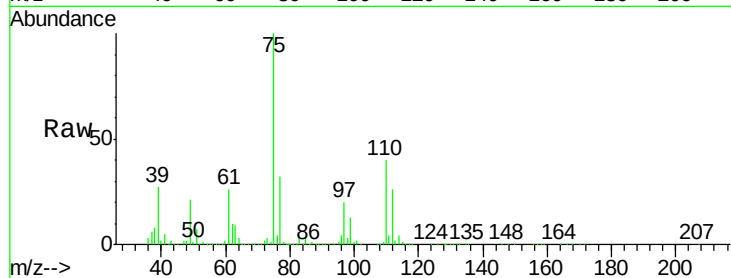




#76
 1,2,3-Trichloropropane
 Concen: 64.54 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

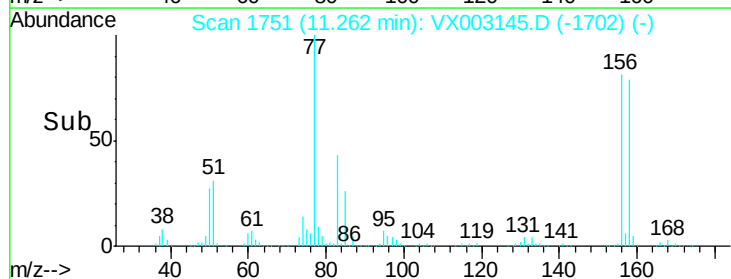
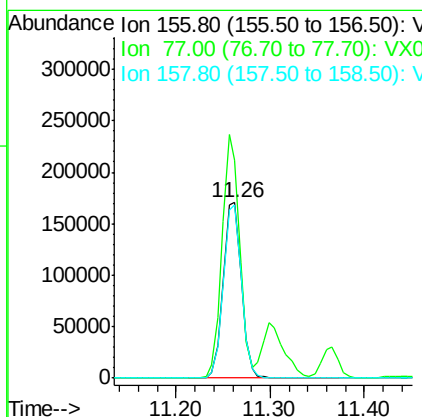
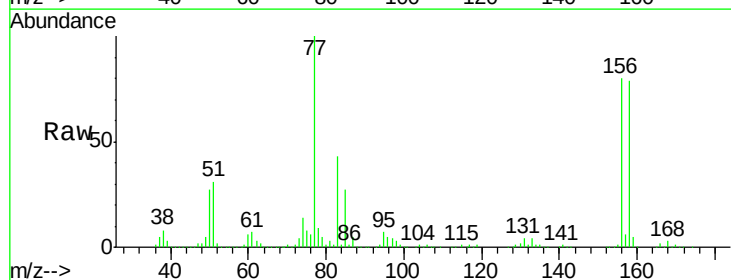
Instrument :
 MSVOA_X
 ClientSampled :

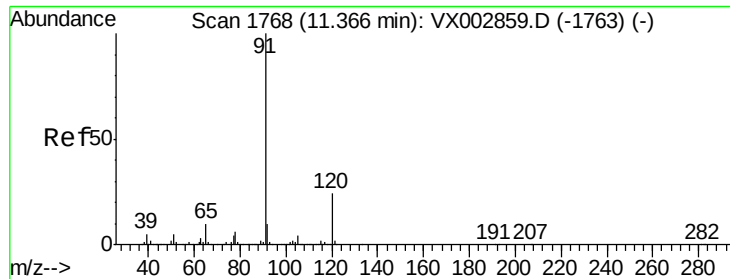
Tot Ion: 75 Resp: 266838
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.8 68.3



#77
 Bromobenzene
 Concen: 52.23 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion: 156 Resp: 228371
 Ion Ratio Lower Upper
 156 100
 77 133.2 71.4 214.2
 158 98.1 48.9 146.6





#78

n-propylbenzene

Concen: 52.15 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

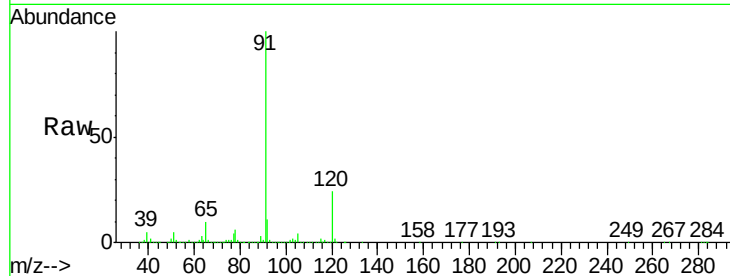
ClientSampled :

Tot Ion: 91 Resp: 911469

Ion Ratio Lower Upper

91 100

120 24.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

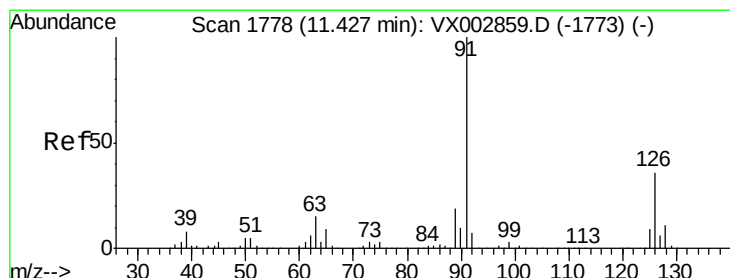
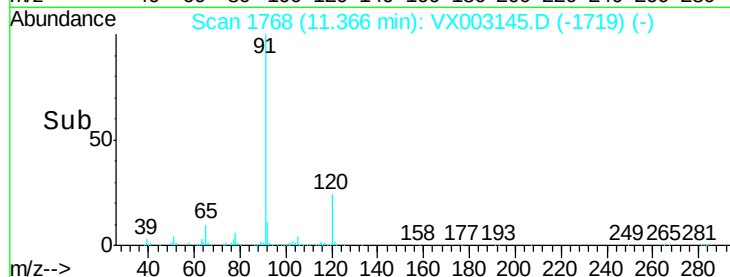
200000

0

11.35

11.40

Time-->



#79

2-Chlorotoluene

Concen: 51.59 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003145.D

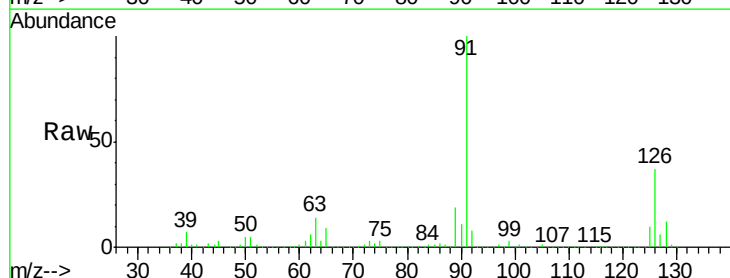
Acq: 03 Jul 2018 13:37

Tgt Ion: 91 Resp: 545909

Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

800000

600000

400000

200000

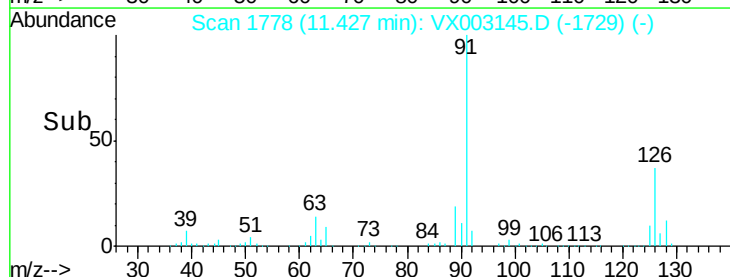
0

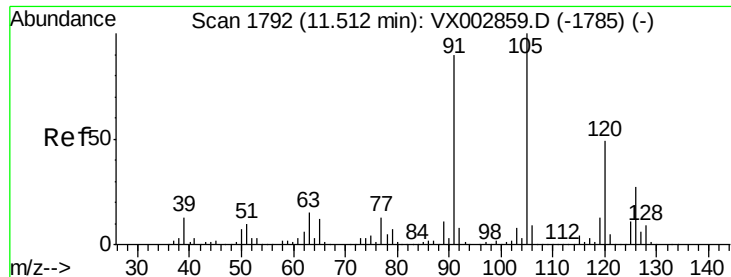
11.40

11.45

11.50

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 55.71 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

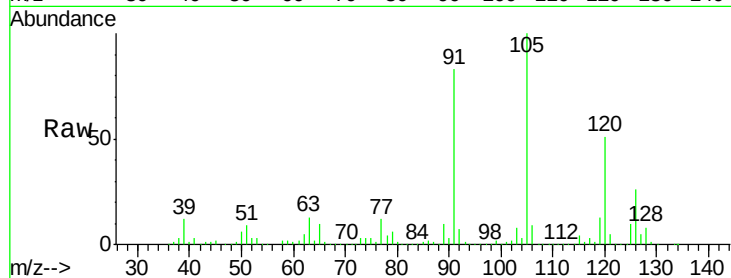
ClientSampleId :

Tot Ion:105 Resp: 720522

Ion Ratio Lower Upper

105 100

120 49.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

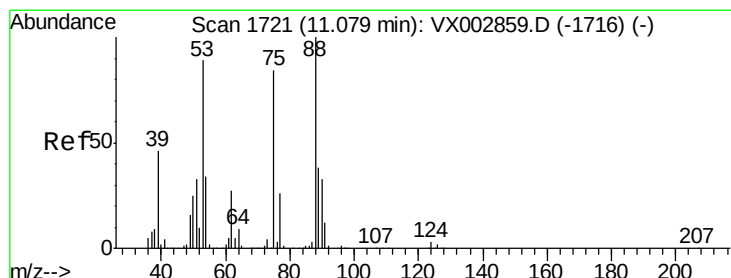
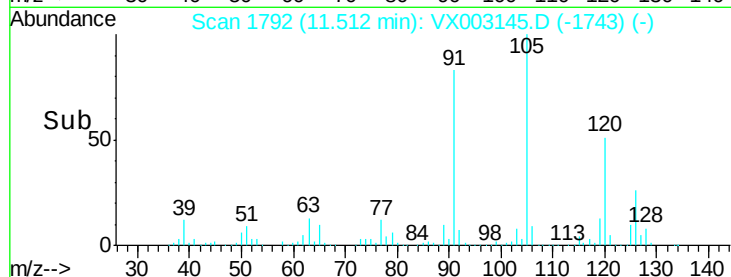
0

11.51

11.50

11.60

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 37.05 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

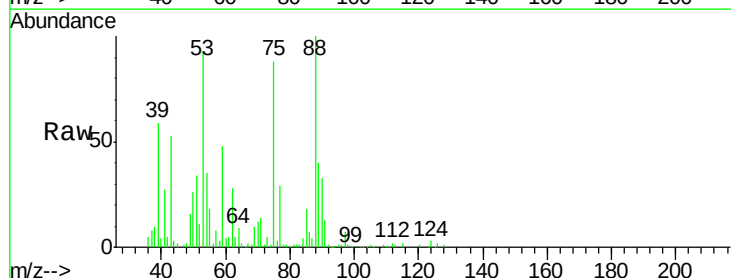
Tgt Ion: 75 Resp: 51464

Ion Ratio Lower Upper

75 100

53 109.0 86.8 130.2

89 45.9 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

100000

80000

60000

40000

20000

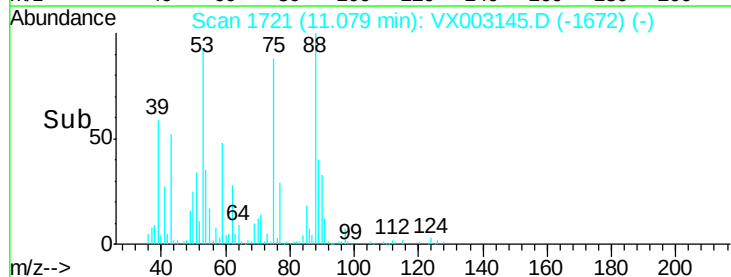
0

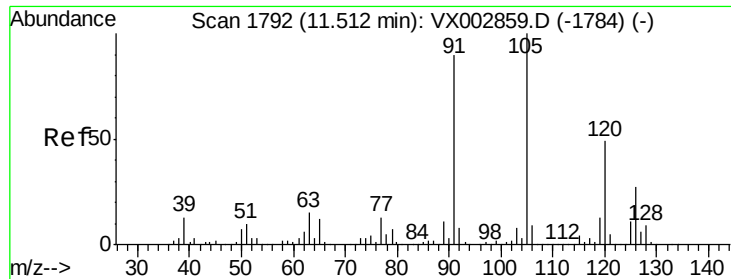
11.08

11.05

11.10

Time-->

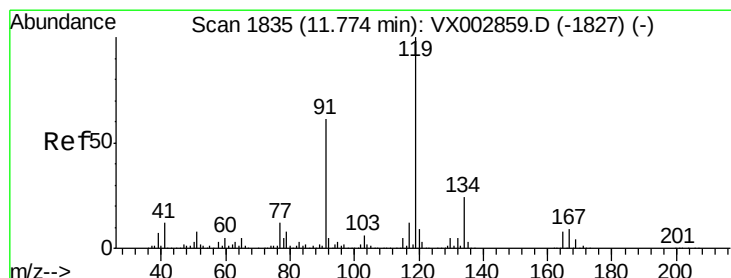
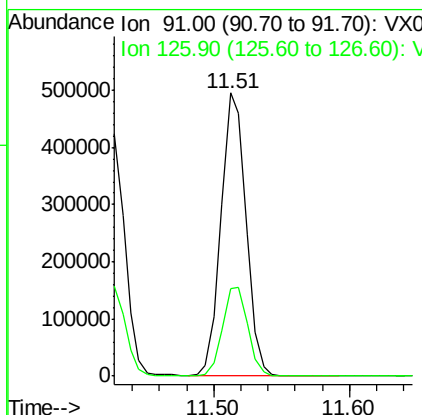
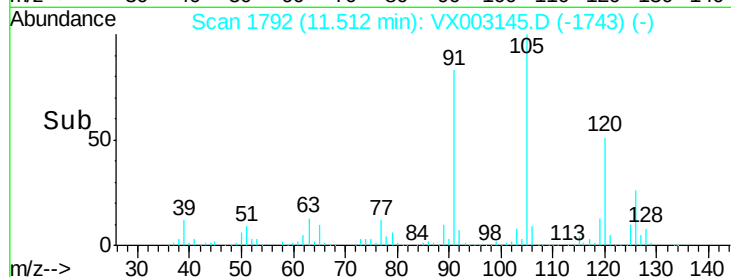
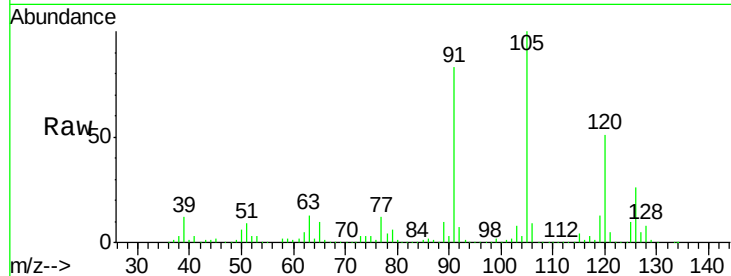




#82
4-Chlorotoluene
Concen: 50.38 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

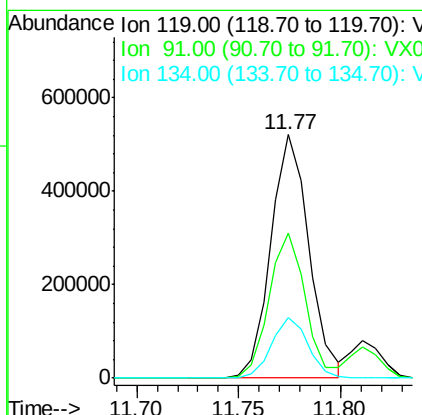
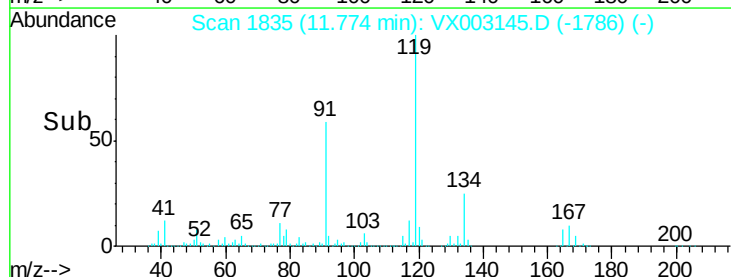
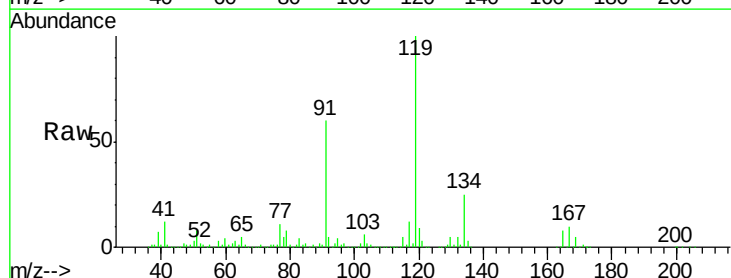
Instrument :
MSVOA_X
ClientSampled :

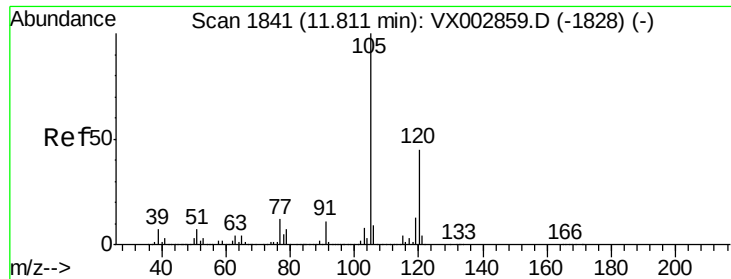
Tot Ion: 91 Resp: 631125
Ion Ratio Lower Upper
91 100
126 31.9 15.4 46.4



#83
tert-Butylbenzene
Concen: 53.38 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion: 119 Resp: 680384
Ion Ratio Lower Upper
119 100
91 57.0 30.3 90.9
134 23.8 11.7 35.1

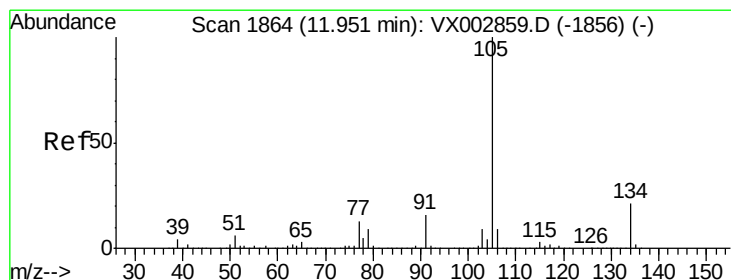
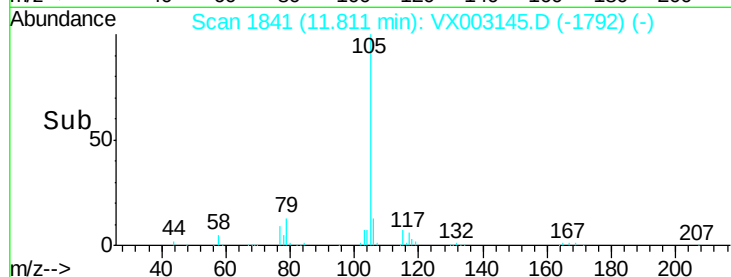
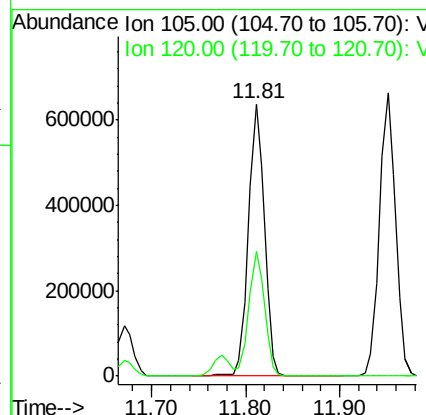
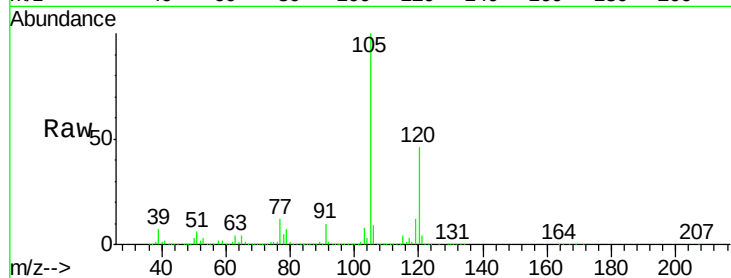




#84
1,2,4-Trimethylbenzene
Concen: 56.34 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

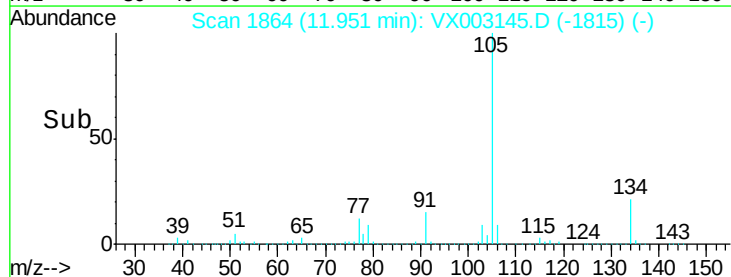
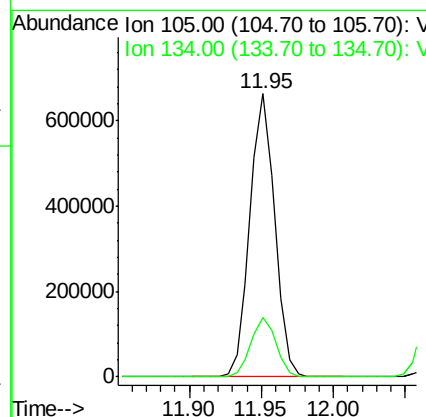
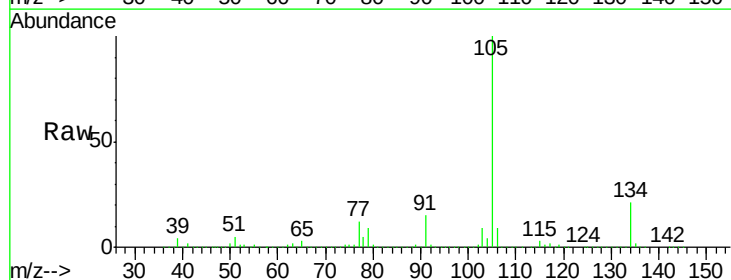
Instrument :
MSVOA_X
ClientSampleId :

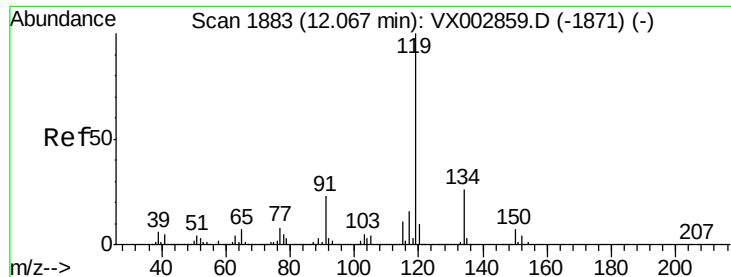
Tot Ion:105 Resp: 754950
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.8



#85
sec-Butylbenzene
Concen: 51.14 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion:105 Resp: 790743
Ion Ratio Lower Upper
105 100
134 21.1 10.4 31.1





#86

p-Isopropyltoluene

Concen: 51.29 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

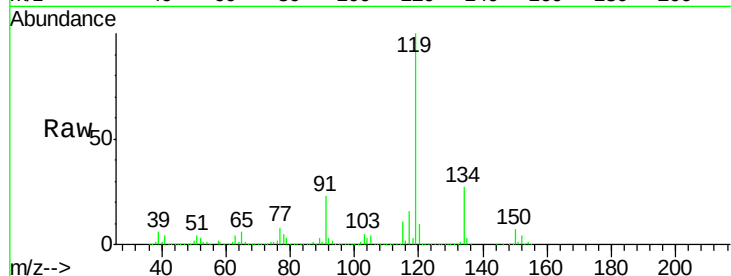
Tot Ion:119 Resp: 712981

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

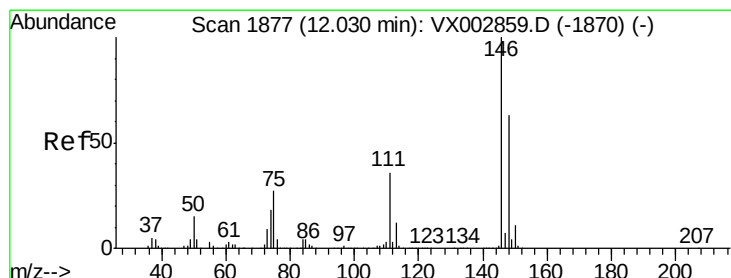
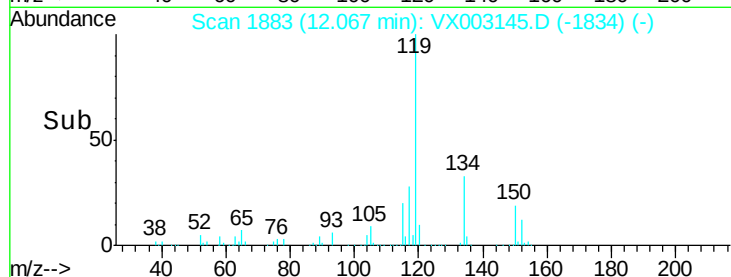
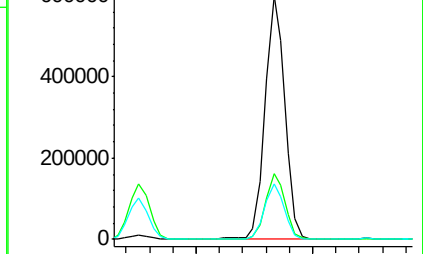
91 22.9 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 50.62 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

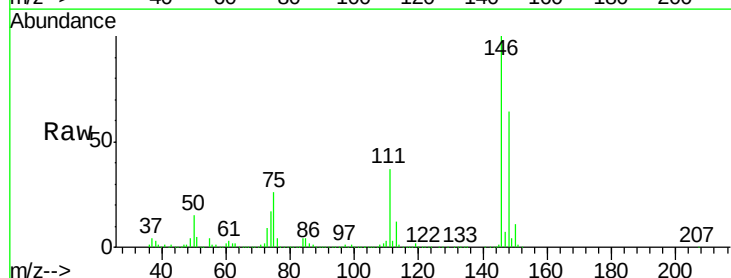
Tgt Ion:146 Resp: 404257

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.7

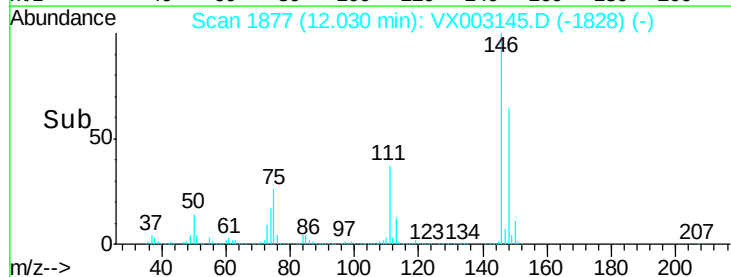
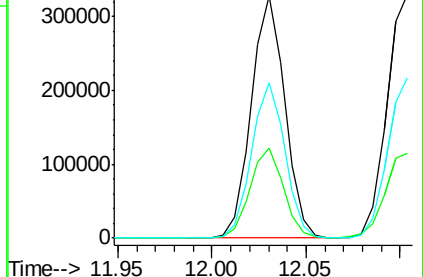
148 64.0 32.1 96.3

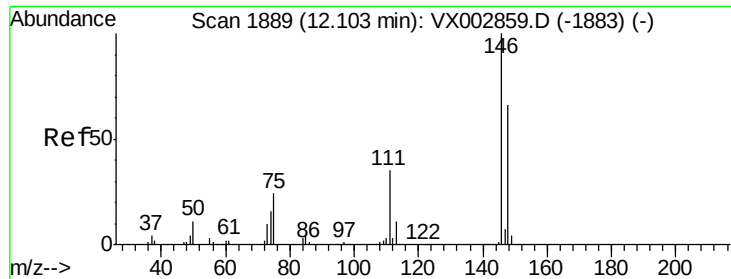


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

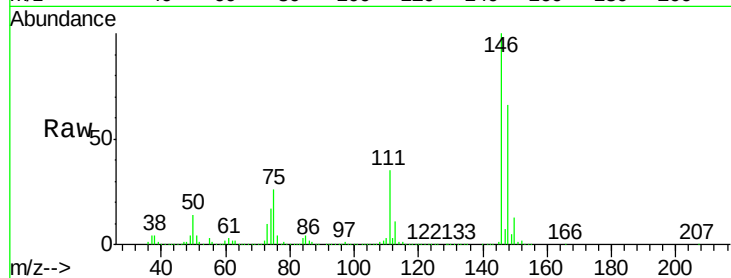




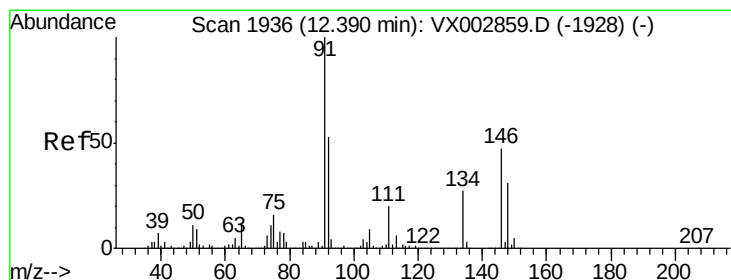
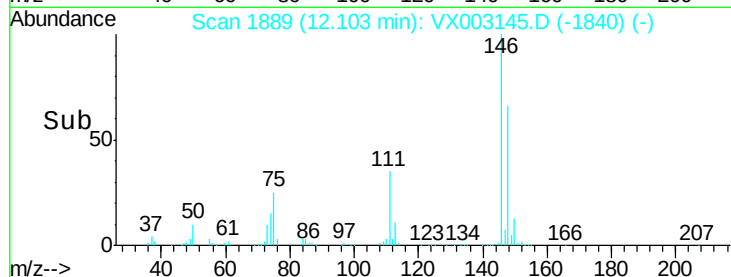
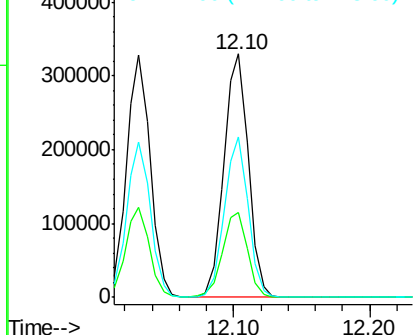
#88
 1,4-Dichlorobenzene
 Concen: 49.68 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 408346
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.7 56.1
 148 64.2 32.4 97.0

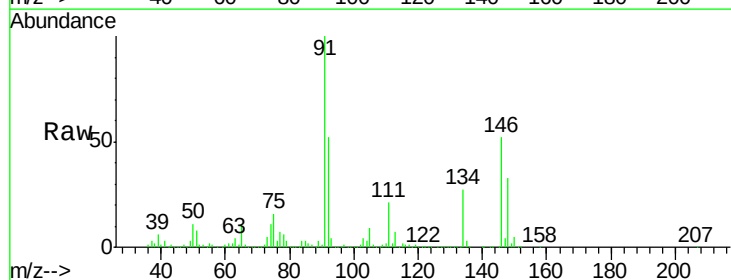


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

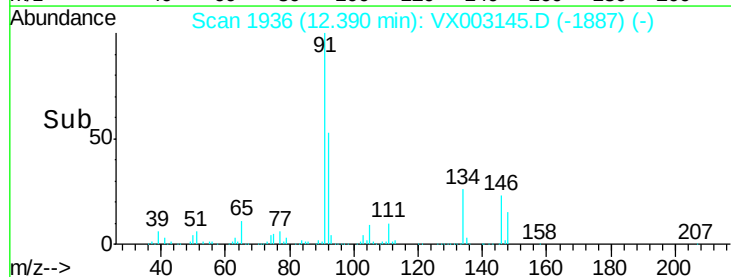
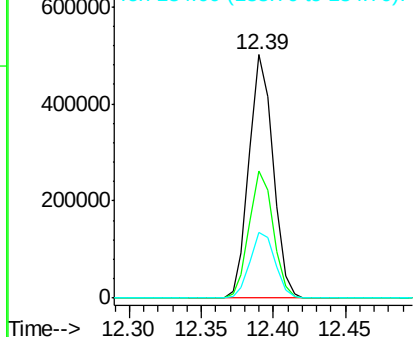


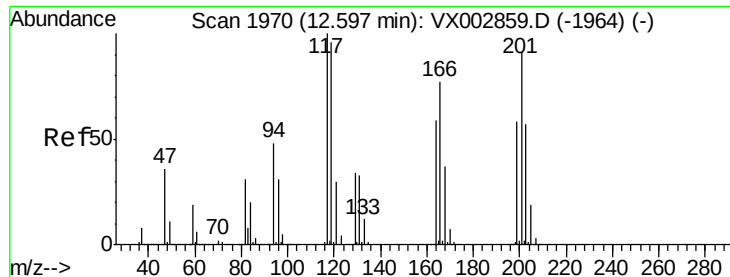
#89
 n-Butylbenzene
 Concen: 47.75 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion: 91 Resp: 577793
 Ion Ratio Lower Upper
 91 100
 92 52.5 26.0 78.0
 134 28.0 13.5 40.5



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





#90

Hexachloroethane

Concen: 55.59 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

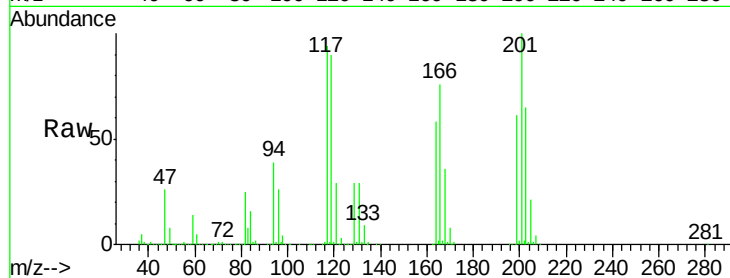
ClientSampleId :

Tot Ion:117 Resp: 114948

Ion Ratio Lower Upper

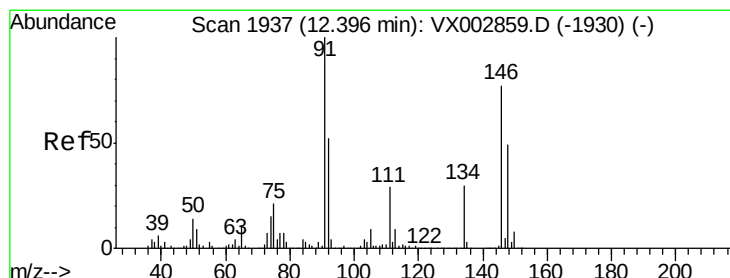
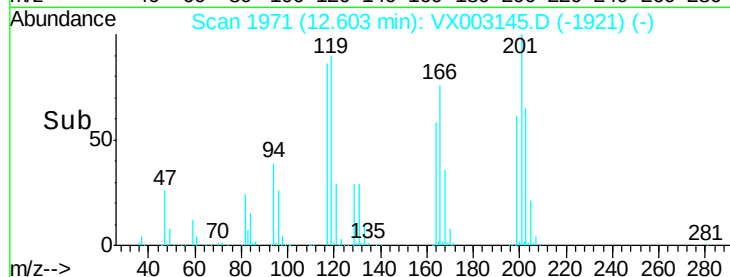
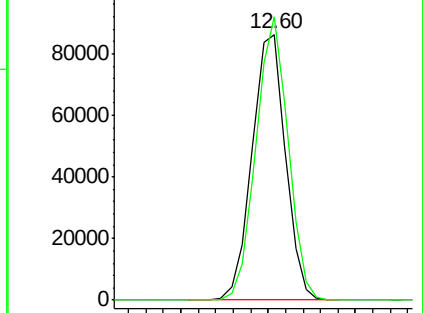
117 100

201 101.9 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 50.91 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

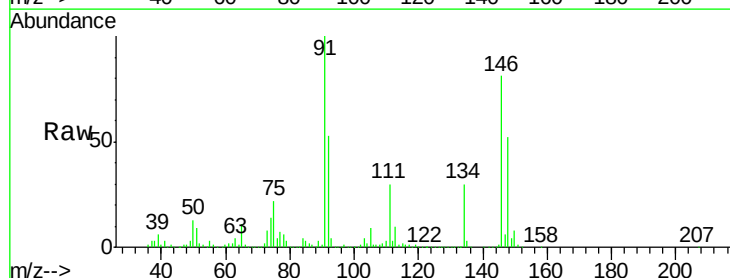
Tgt Ion:146 Resp: 410333

Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.1

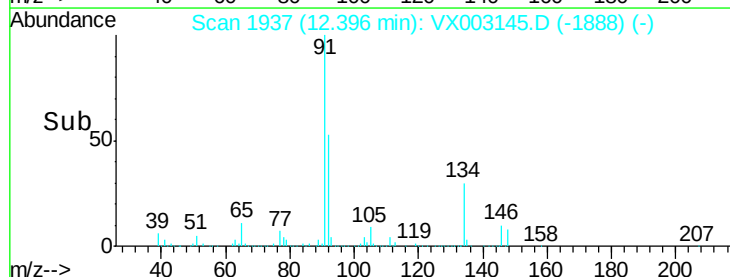
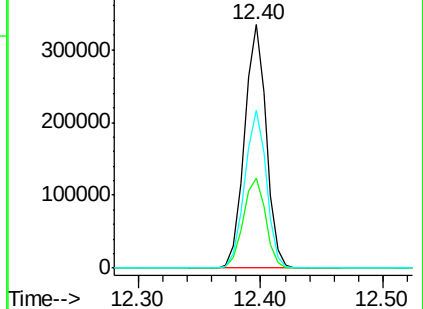
148 64.7 31.7 95.1

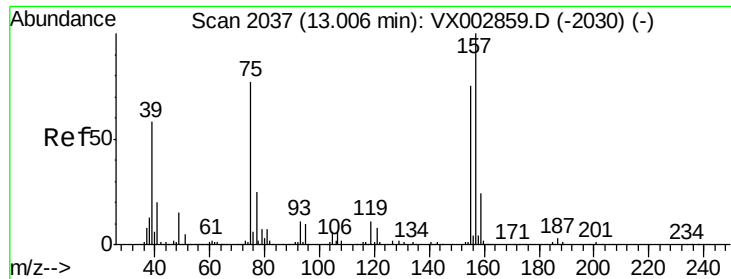


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.17 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

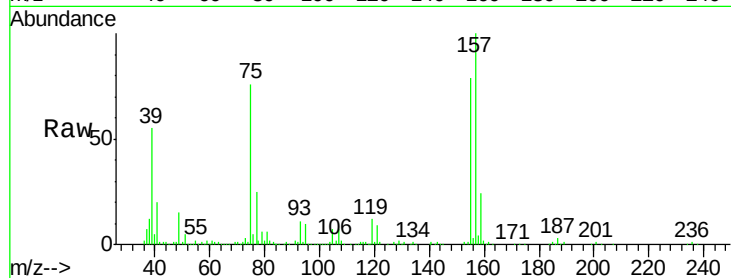
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 75 Resp: 59729

Ion	Ratio	Lower	Upper
75	100		
155	98.6	45.8	137.4
157	127.5	60.1	180.3

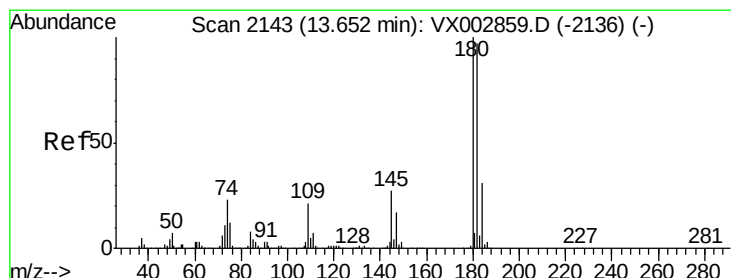
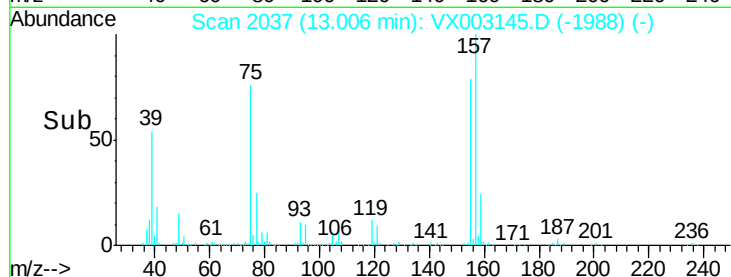


Abundance

Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 50.63 ug/l

RT: 13.65 min Scan# 2143

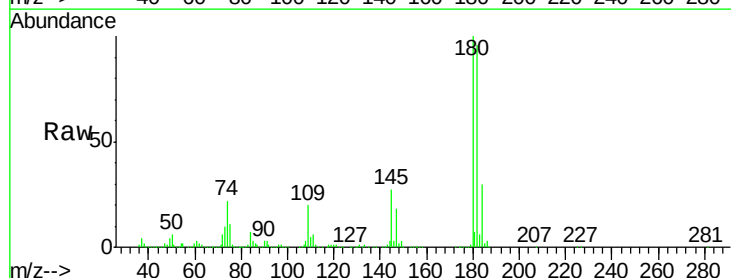
Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Tgt Ion:180 Resp: 297033

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.7	143.1
145	27.8	14.1	42.4

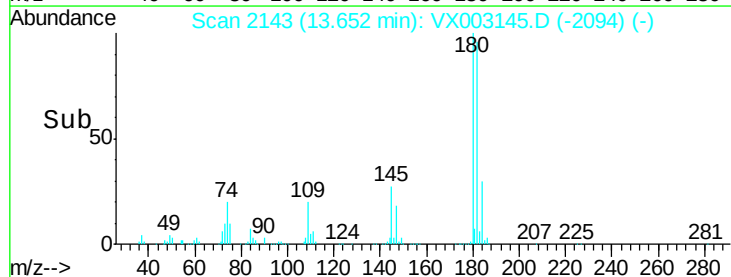


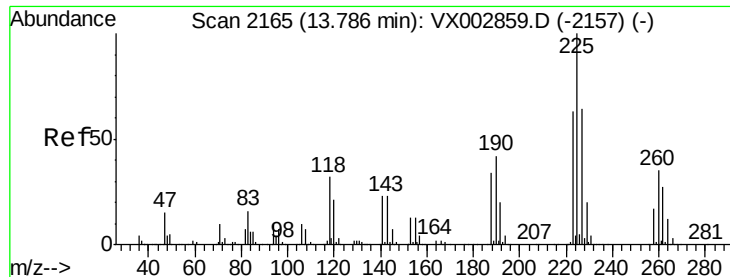
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 47.08 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

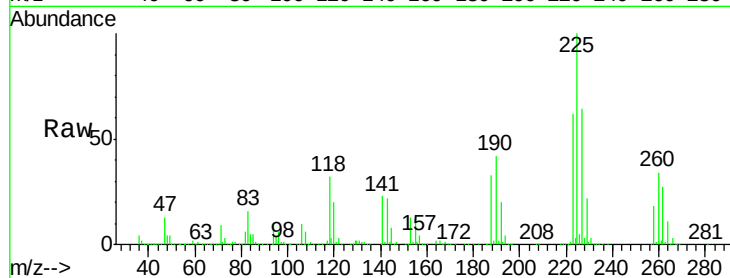
Tot Ion:225 Resp: 137744

Ion Ratio Lower Upper

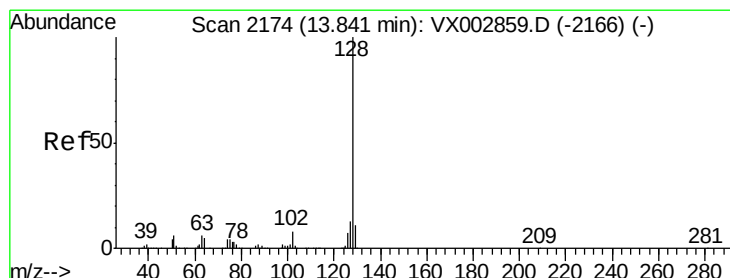
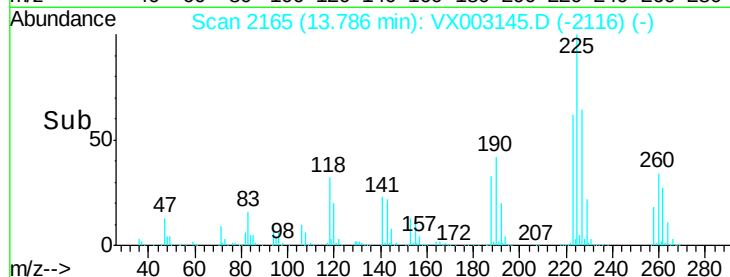
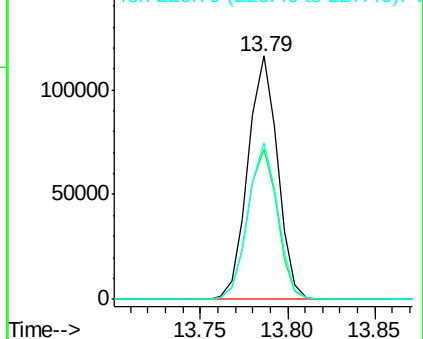
225 100

223 62.1 31.6 95.0

227 64.0 32.4 97.2



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



#95

Naphthalene

Concen: 56.75 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

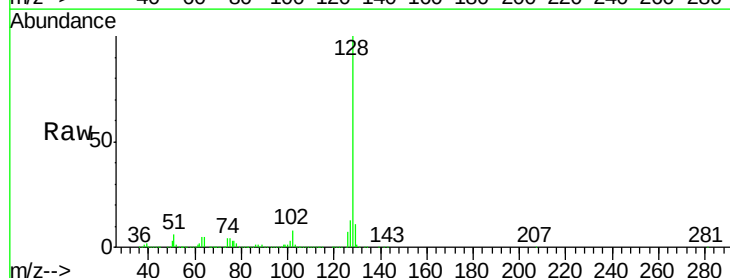
Tgt Ion:128 Resp: 886674

Ion Ratio Lower Upper

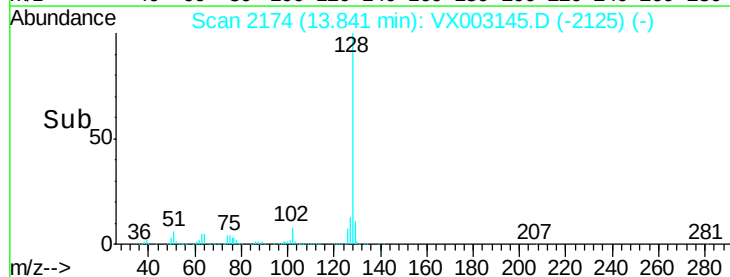
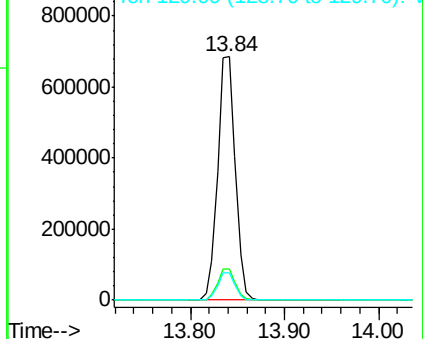
128 100

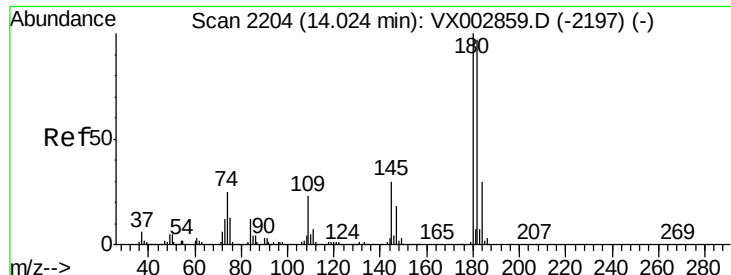
127 12.9 10.4 15.6

129 11.1 8.6 13.0



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

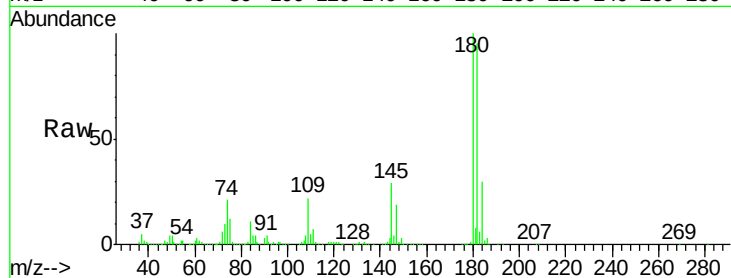




#96
 1,2,3-Trichlorobenzene
 Concen: 52.91 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.0	144.0
145	29.2	14.8	44.3



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

