

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062518\
 Data File : VX002861.D
 Acq On : 25 Jun 2018 13:07
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 25 13:30:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	529033	132.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	264.68%	
35) Dibromofluoromethane	5.51	113	428129	146.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.58%	
50) Toluene-d8	8.72	98	1596002	144.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.24%	
62) 4-Bromofluorobenzene	11.14	95	649708	154.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	354272	126.855	ug/l	98
3) Chloromethane	1.32	50	357995	107.762	ug/l	100
4) Vinyl Chloride	1.41	62	421303	122.211	ug/l	99
5) Bromomethane	1.64	94	205212	98.657	ug/l	99
6) Chloroethane	1.70	64	246832	108.633	ug/l	100
7) Trichlorofluoromethane	1.92	101	711971	127.120	ug/l	99
8) Diethyl Ether	2.19	74	264920	124.361	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	406725	129.915	ug/l	98
10) Methyl Iodide	2.51	142	495889	128.626	ug/l	98
11) Tert butyl alcohol	3.10	59	548509	663.723	ug/l	100
12) 1,1-Dichloroethene	2.37	96	373207	126.966	ug/l	96
13) Acrolein	2.30	56	313081	747.092	ug/l	99
14) Allyl chloride	2.72	41	760667	130.334	ug/l	98
15) Acrylonitrile	3.16	53	1192044	661.012	ug/l	100
16) Acetone	2.46	43	1110121	629.427	ug/l	98
17) Carbon Disulfide	2.56	76	1013138	145.324	ug/l	98
18) Methyl Acetate	2.78	43	665324	141.596	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1390051	126.061	ug/l	100
20) Methylene Chloride	2.85	84	424093	117.273	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	405965	127.308	ug/l	97
22) Diisopropyl ether	3.88	45	1492871	141.381	ug/l	99
23) Vinyl Acetate	3.83	43	6291475	711.894	ug/l	99
24) 1,1-Dichloroethane	3.70	63	768025	134.012	ug/l	100
25) 2-Butanone	4.71	43	1719735	742.478	ug/l	98
26) 2,2-Dichloropropane	4.59	77	653588	158.718	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	467899	144.208	ug/l	95
28) Bromochloromethane	5.03	49	330974	123.319	ug/l	94
29) Tetrahydrofuran	5.17	42	1102844	726.513	ug/l	97
30) Chloroform	5.22	83	821682	148.681	ug/l	98
31) Cyclohexane	5.57	56	681582	144.446	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	748323	161.899	ug/l	99
36) 1,1-Dichloropropene	5.80	75	601439	154.962	ug/l	99
37) Ethyl Acetate	4.87	43	672222	153.022	ug/l	100
38) Carbon Tetrachloride	5.79	117	684692	177.159	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	706136	155.630	ug/l	97
40) Benzene	6.15	78	1741279	149.623	ug/l	100
41) Methacrylonitrile	5.07	41	388273	156.538	ug/l	99
42) 1,2-Dichloroethane	6.20	62	683426	151.681	ug/l	100
43) Isopropyl Acetate	6.47	43	1147543	157.665	ug/l	99
44) Trichloroethene	7.21	130	518237	154.280	ug/l	96
45) 1,2-Dichloropropane	7.52	63	455684	148.775	ug/l	100
46) Dibromomethane	7.66	93	320290	156.326	ug/l	97
47) Bromodichloromethane	7.90	83	643316	178.023	ug/l	100
48) Methyl methacrylate	7.78	41	607044	163.209	ug/l	98
49) 1,4-Dioxane	7.76	88	224781	3191.283	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	3680339	787.534	ug/l	98
52) Toluene	8.79	92	1159652	156.209	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	762212	179.264	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	745158	189.193	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	478554	159.533	ug/l	99
56) Ethyl methacrylate	9.19	69	757681	164.132	ug/l	96
57) 1,3-Dichloropropane	9.38	76	779540	153.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1777126	795.927	ug/l	98
59) 2-Hexanone	9.51	43	2845436	808.025	ug/l	97
60) Dibromochloromethane	9.59	129	563395	194.570	ug/l	99
61) 1,2-Dibromoethane	9.68	107	515420	165.905	ug/l	100
64) Tetrachloroethene	9.34	164	576841	145.657	ug/l	99
65) Chlorobenzene	10.14	112	1362555	155.511	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	527067	176.449	ug/l	99
67) Ethyl Benzene	10.26	91	2334606	157.974	ug/l	99
68) m/p-Xylenes	10.37	106	1830681	321.134	ug/l	98
69) o-Xylene	10.70	106	894895	159.777	ug/l	99
70) Styrene	10.72	104	1514633	164.437	ug/l	100
71) Bromoform	10.87	173	486249	216.606	ug/l	100
73) Isopropylbenzene	11.02	105	2455216	152.498	ug/l	100
74) N-amyl acetate	6.47	43	1147543	143.457	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	746115	156.929	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	908343	199.967	ug/l	77
77) Bromobenzene	11.26	156	693209	154.551	ug/l	97
78) n-propylbenzene	11.37	91	2826683	153.090	ug/l	99
79) 2-Chlorotoluene	11.43	91	1659443	150.529	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2125580	156.223	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	242017	201.564	ug/l	95
82) 4-Chlorotoluene	11.52	91	2023328	155.545	ug/l	99
83) tert-Butylbenzene	11.77	119	2106774	160.731	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	2189418	157.697	ug/l	99
85) sec-Butylbenzene	11.95	105	2535385	155.562	ug/l	99
86) p-Isopropyltoluene	12.07	119	2327913	157.859	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1283105	155.989	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1299968	155.322	ug/l	99
89) n-Butylbenzene	12.39	91	2081282	159.985	ug/l	99
90) Hexachloroethane	12.60	117	390150	191.686	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	1279195	154.514	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	185485	186.252	ug/l	97

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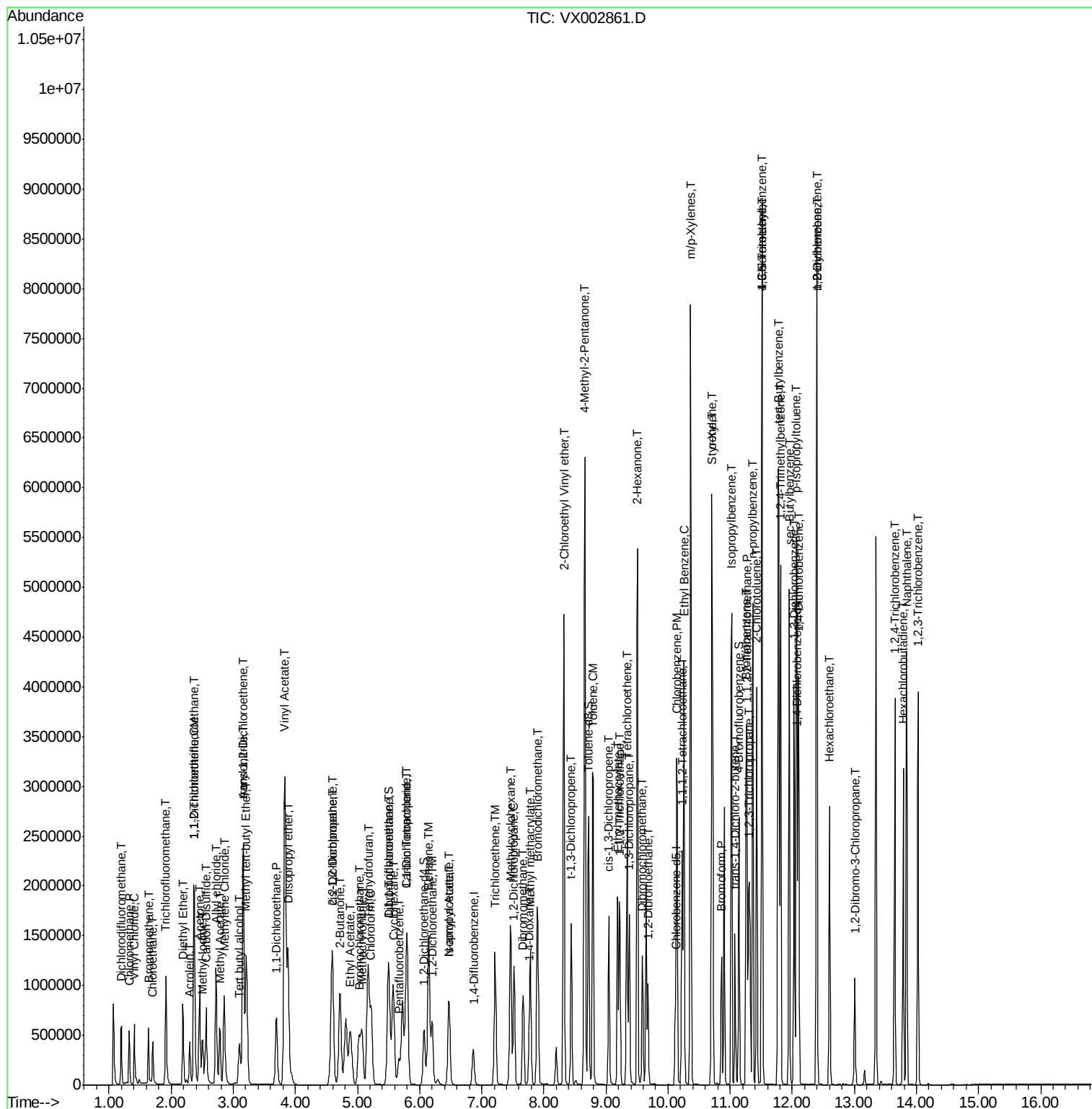
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

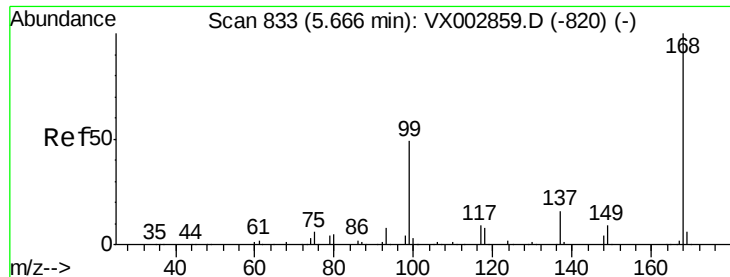
Quant Time: Jun 25 13:30:48 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	991083	164.947	ug/l	100
94) Hexachlorobutadiene	13.79	225	490720	155.040	ug/l	99
95) Naphthalene	13.84	128	2691742	166.483	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	978658	162.173	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

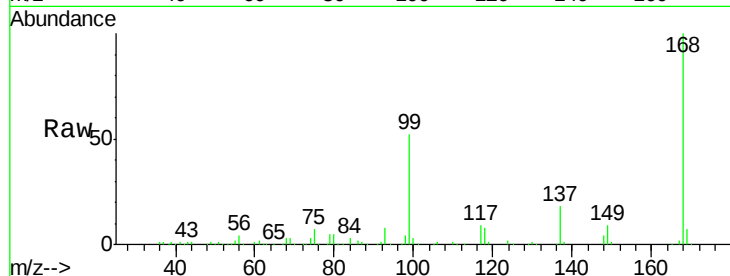
VSTDIC150

Tgt Ion:168 Resp: 263066

Ion Ratio Lower Upper

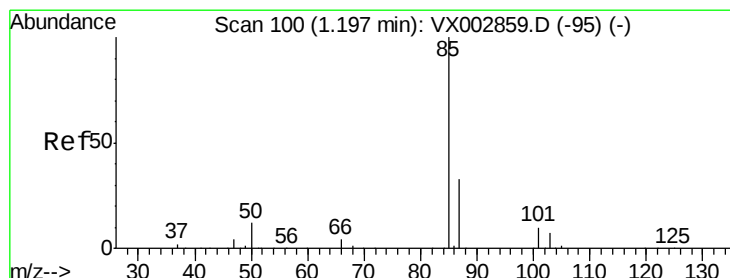
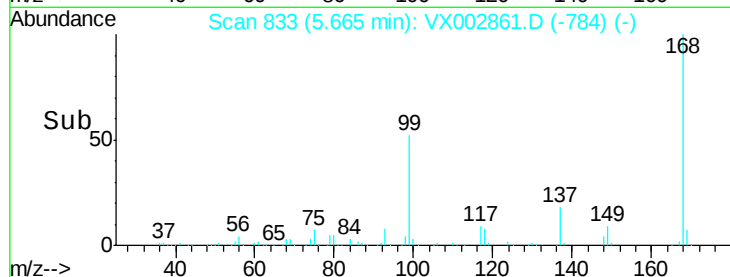
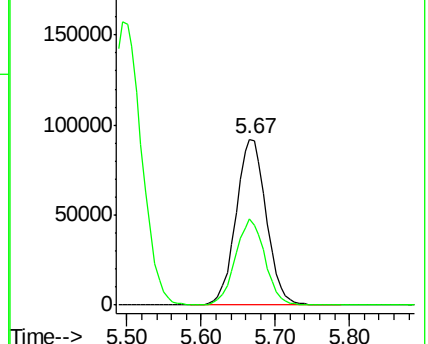
168 100

99 52.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 126.855 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002861.D

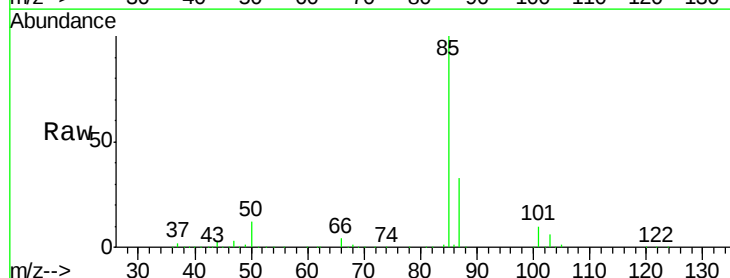
Acq: 25 Jun 2018 13:07

Tgt Ion: 85 Resp: 354272

Ion Ratio Lower Upper

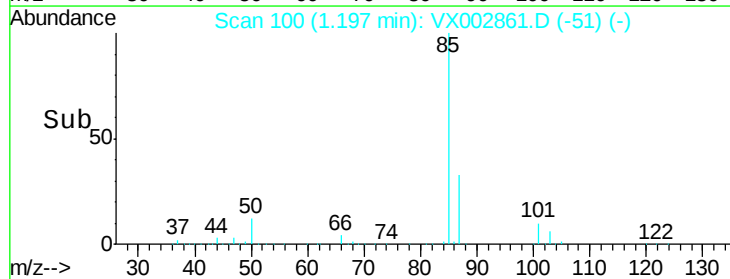
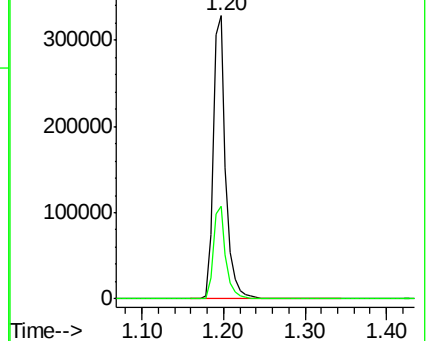
85 100

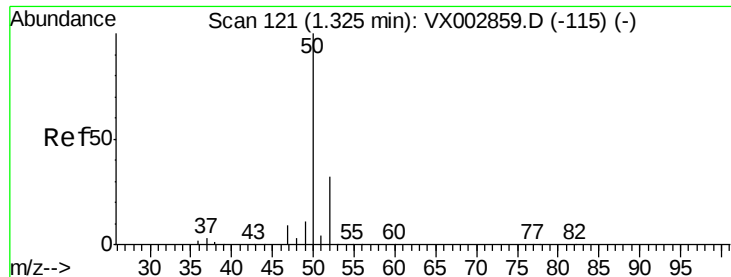
87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 107.762 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

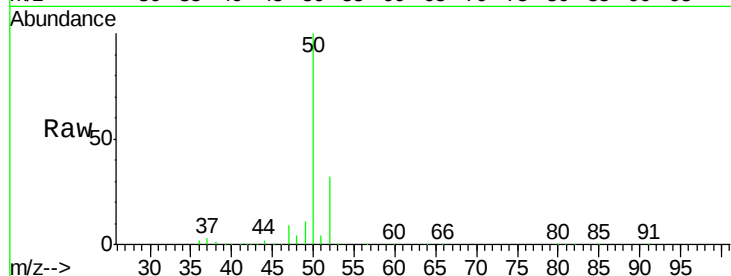
VSTDIC150

Tgt Ion: 50 Resp: 357995

Ion Ratio Lower Upper

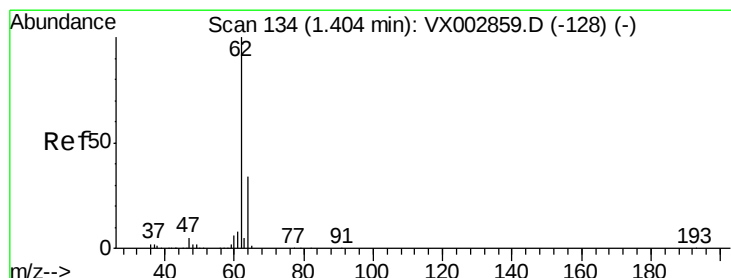
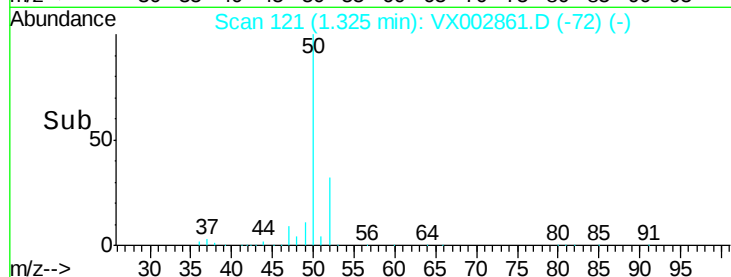
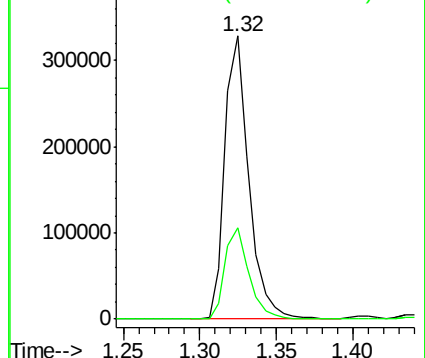
50 100

52 32.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 122.211 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002861.D

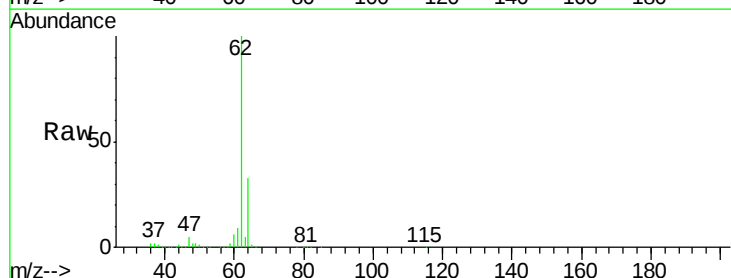
Acq: 25 Jun 2018 13:07

Tgt Ion: 62 Resp: 421303

Ion Ratio Lower Upper

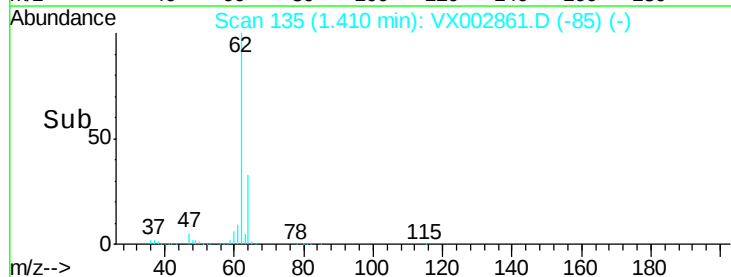
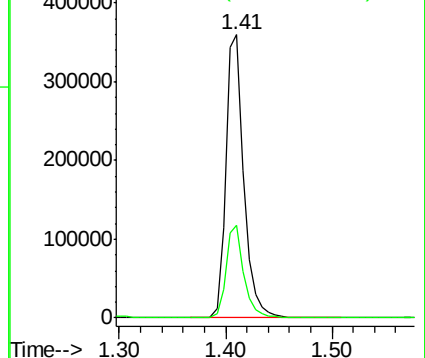
62 100

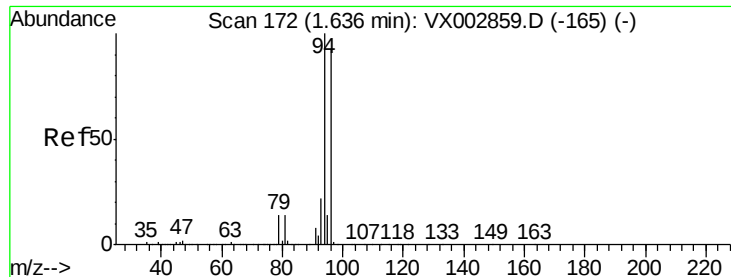
64 32.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 98.657 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

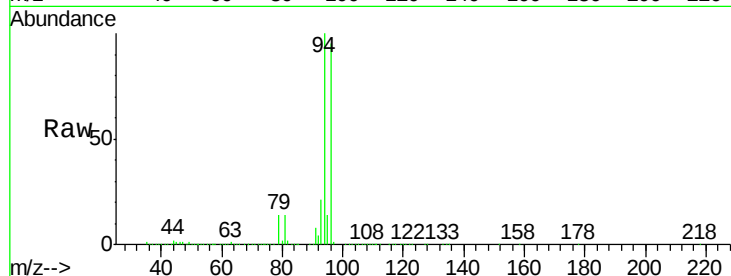
VSTDIC150

Tgt Ion: 94 Resp: 205212

Ion Ratio Lower Upper

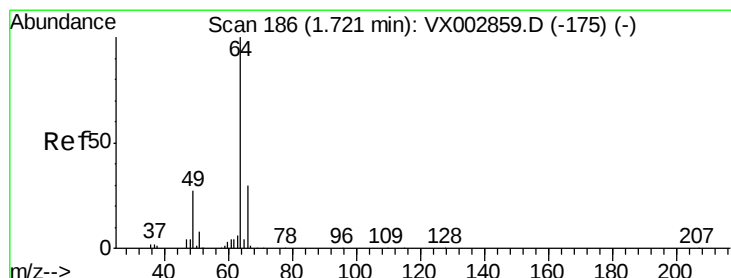
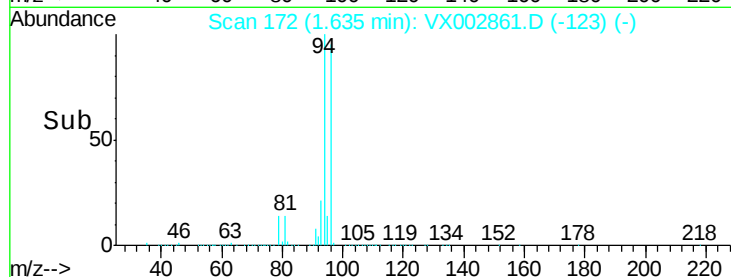
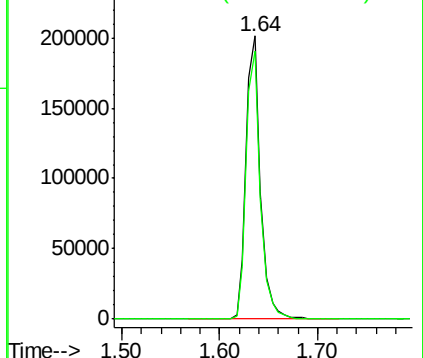
94 100

96 94.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 108.633 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX002861.D

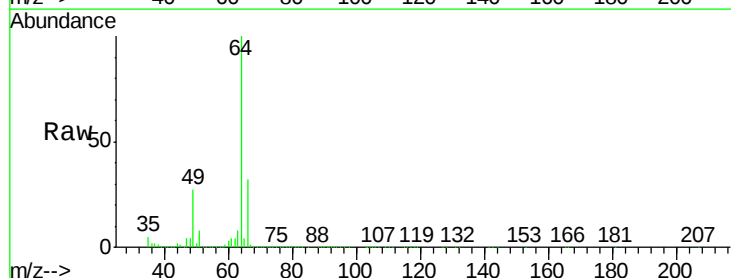
Acq: 25 Jun 2018 13:07

Tgt Ion: 64 Resp: 246832

Ion Ratio Lower Upper

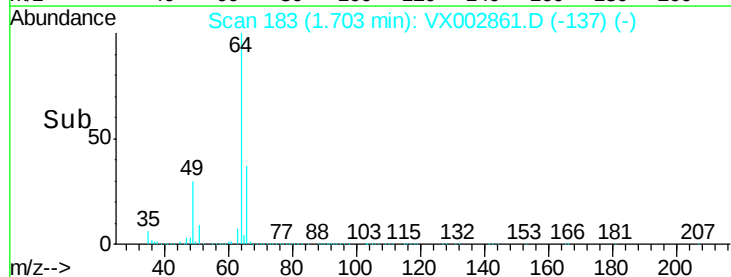
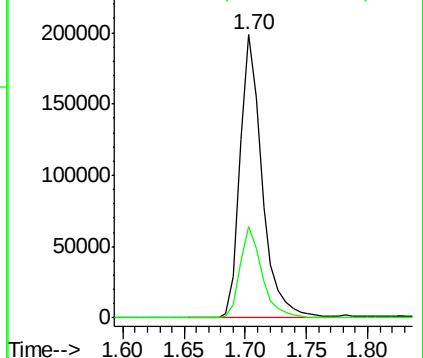
64 100

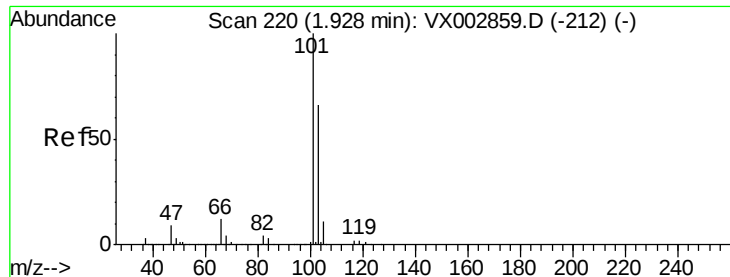
66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



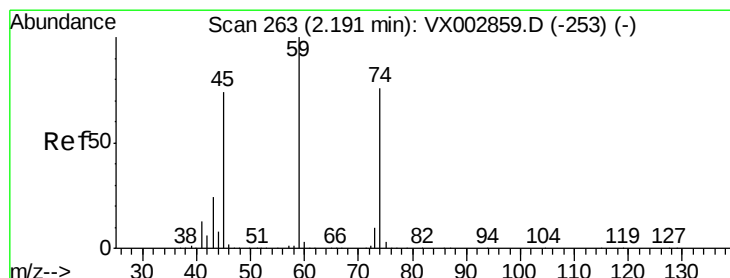
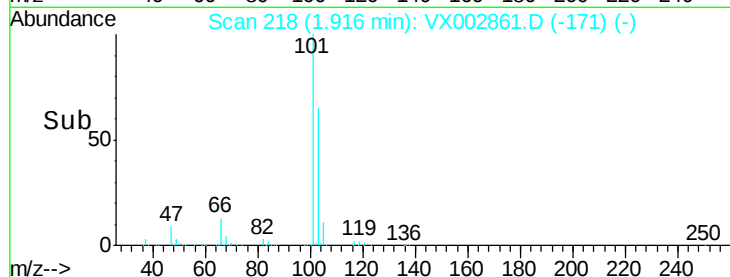
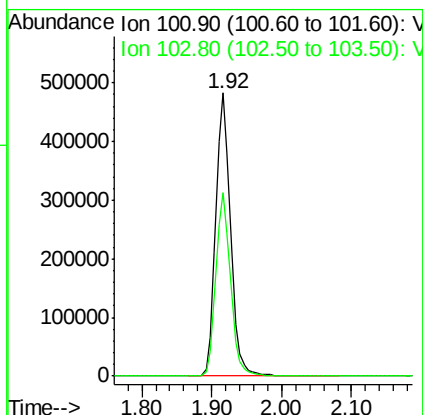
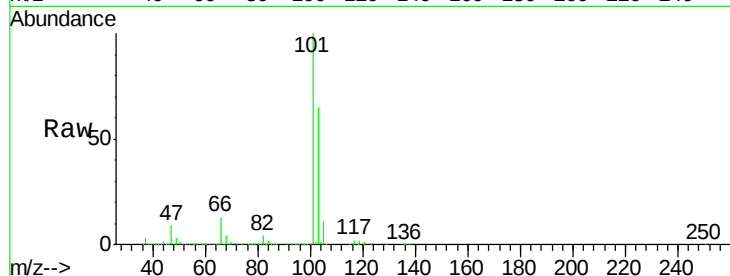


#7

Trichlorofluoromethane
Concen: 127.120 ug/l
RT: 1.92 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Instrument :
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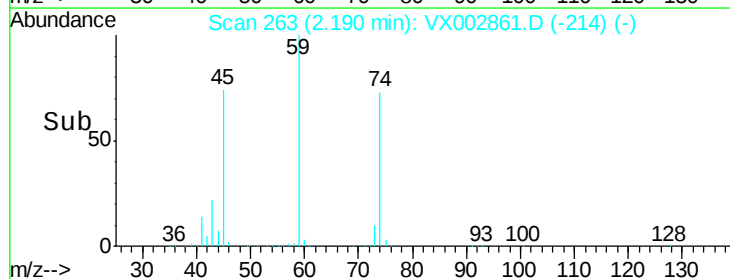
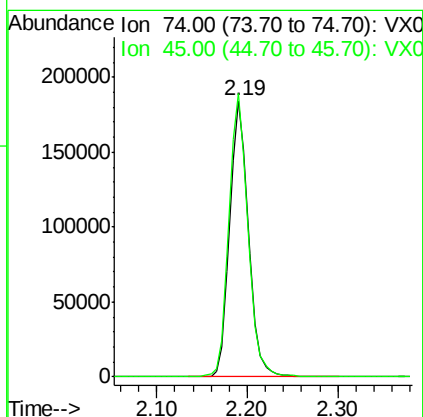
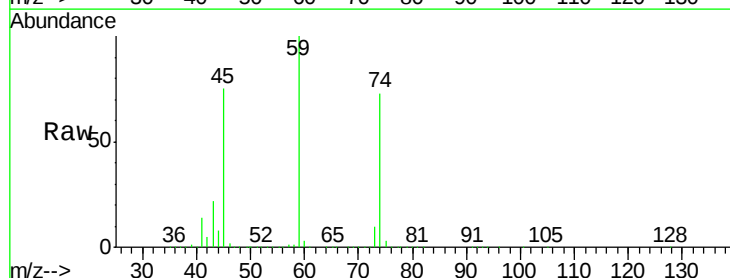
Tgt Ion:101 Resp: 711971
Ion Ratio Lower Upper
101 100
103 64.8 52.8 79.2



#8

Diethyl Ether
Concen: 124.361 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Tgt Ion: 74 Resp: 264920
Ion Ratio Lower Upper
74 100
45 104.5 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 129.915 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

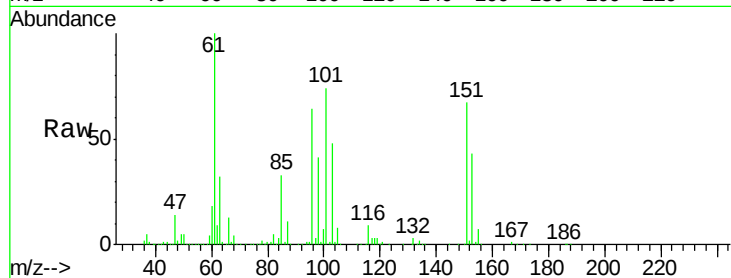
Tgt Ion:101 Resp: 406725

Ion Ratio Lower Upper

101 100

85 44.3 36.0 54.0

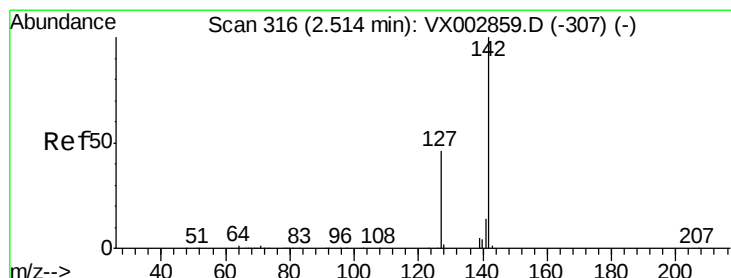
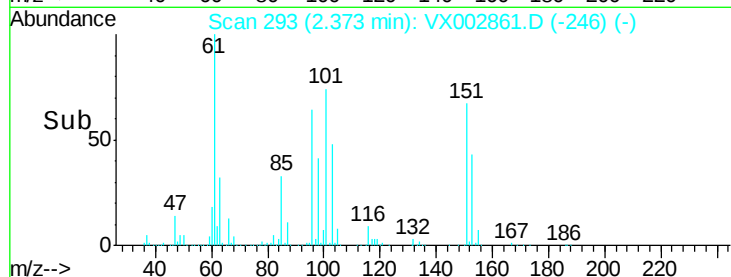
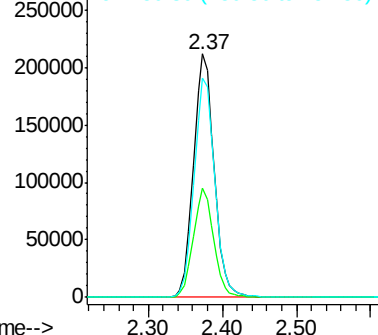
151 90.8 70.9 106.3



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: 128.626 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

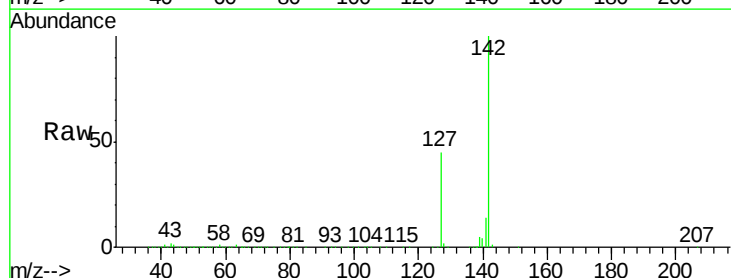
Tgt Ion:142 Resp: 495889

Ion Ratio Lower Upper

142 100

127 44.6 36.6 55.0

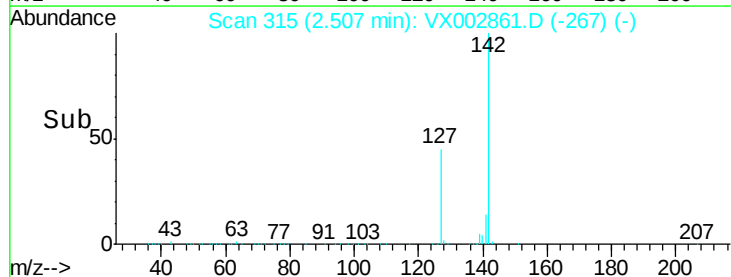
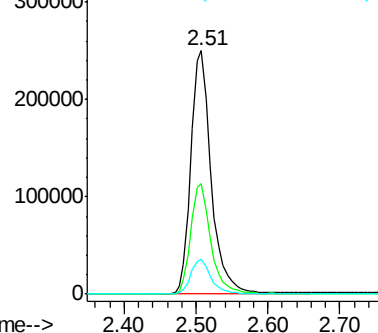
141 14.3 11.3 16.9

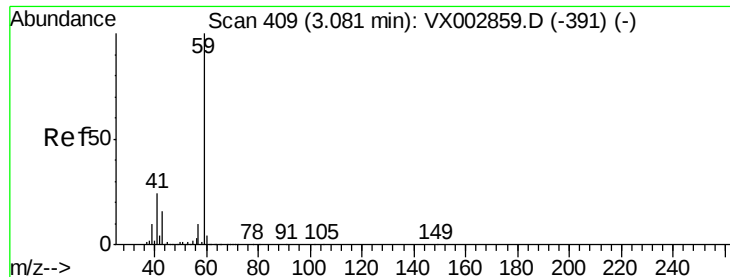


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

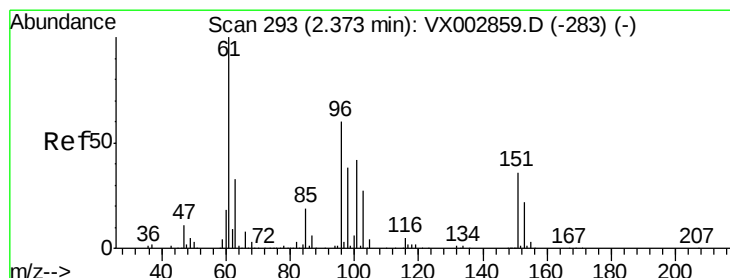
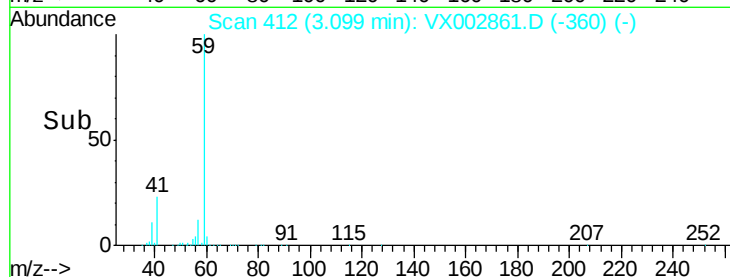
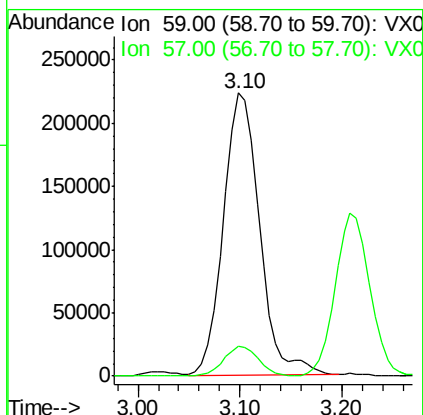
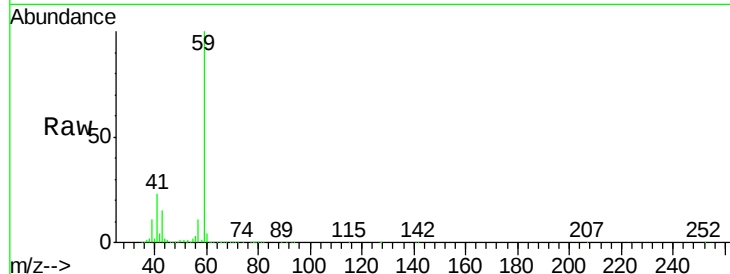




#11
Tert butyl alcohol
Concen: 663.723 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.02 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

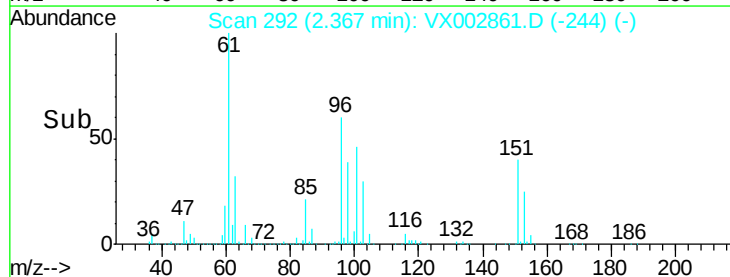
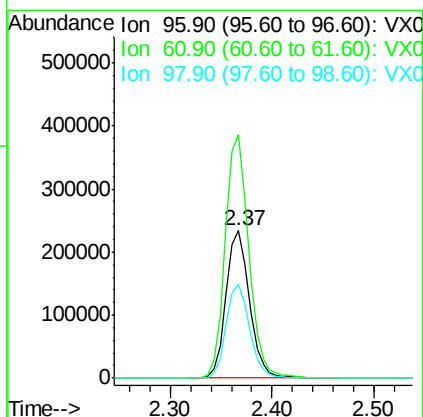
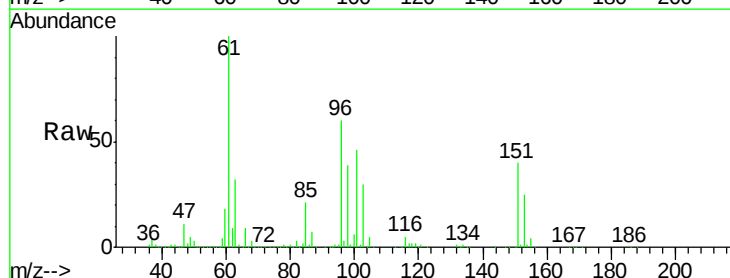
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 548509
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 126.966 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Tgt Ion: 96 Resp: 373207
Ion Ratio Lower Upper
96 100
61 165.5 137.9 206.9
98 63.8 51.6 77.4





#13

Acrolein

Concen: 747.092 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

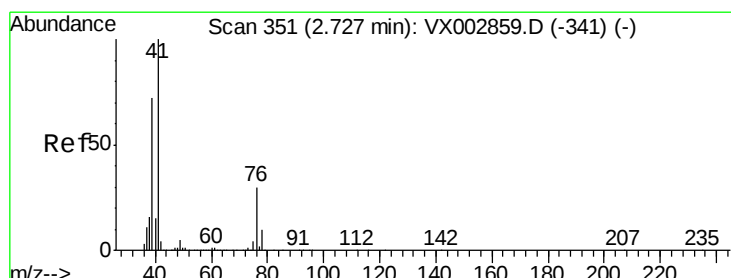
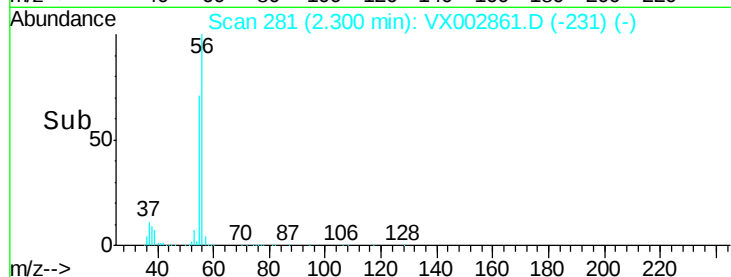
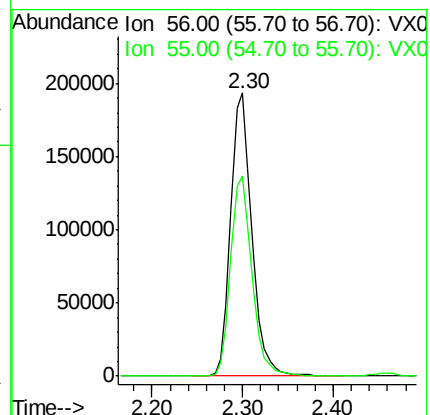
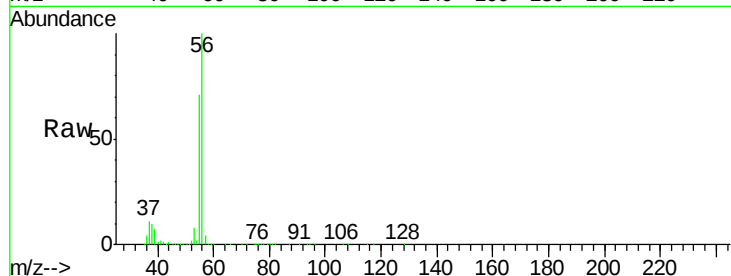
VSTDIC150

Tgt Ion: 56 Resp: 313081

Ion Ratio Lower Upper

56 100

55 71.8 57.0 85.4



#14

Allyl chloride

Concen: 130.334 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

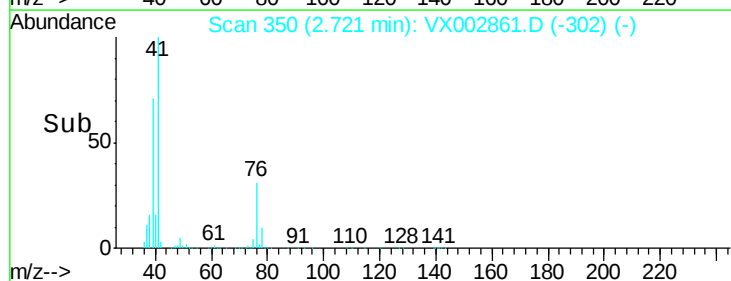
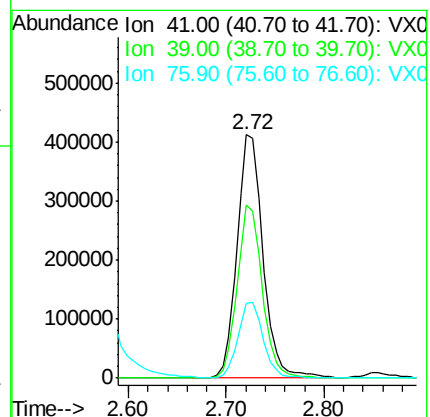
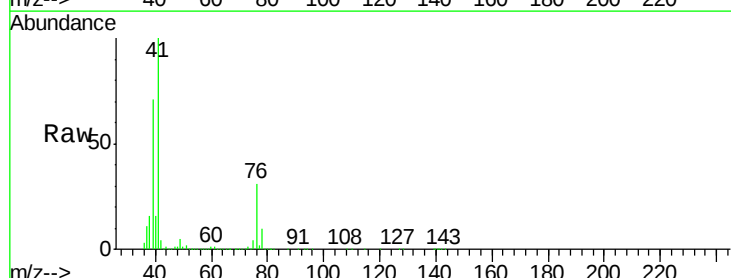
Tgt Ion: 41 Resp: 760667

Ion Ratio Lower Upper

41 100

39 68.7 56.8 85.2

76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 661.012 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

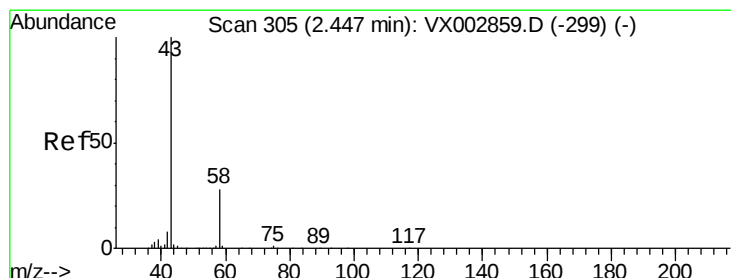
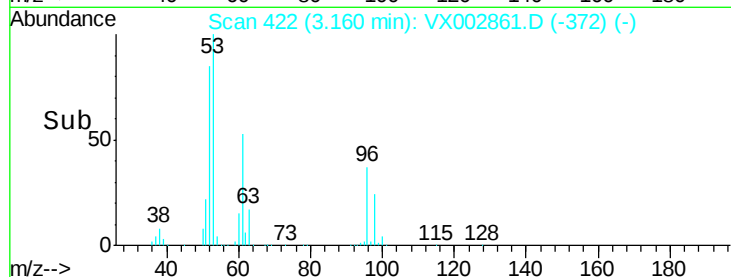
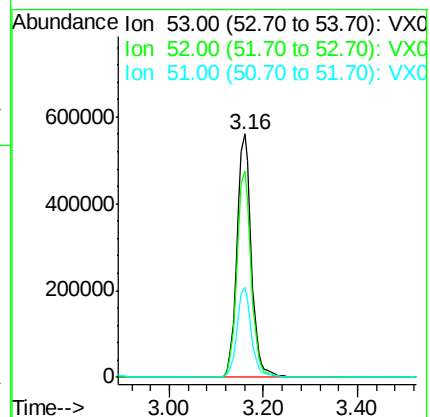
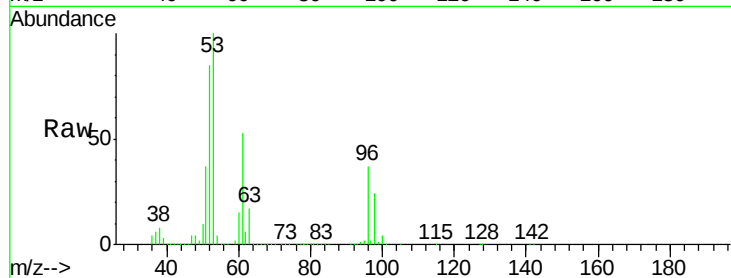
Tgt Ion: 53 Resp: 1192044

Ion Ratio Lower Upper

53 100

52 83.3 66.7 100.1

51 37.2 29.9 44.9



#16

Acetone

Concen: 629.427 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX002861.D

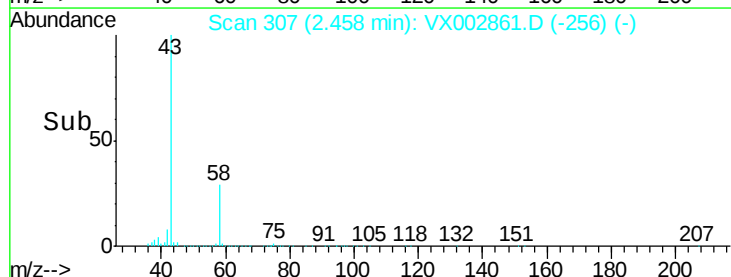
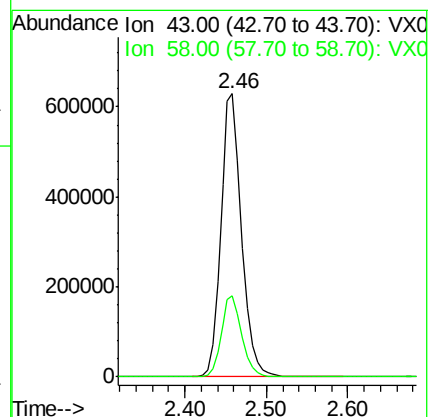
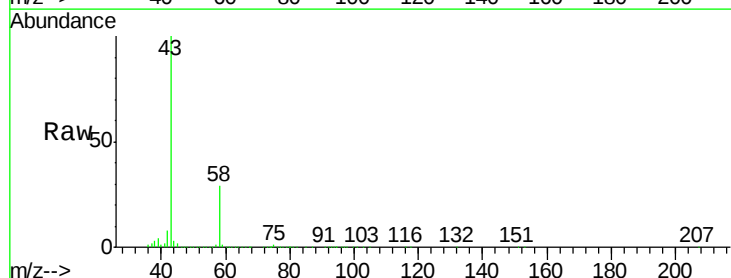
Acq: 25 Jun 2018 13:07

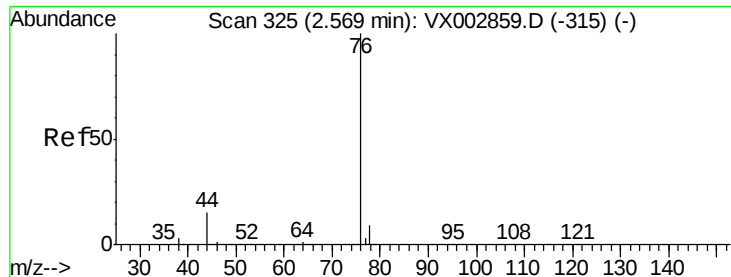
Tgt Ion: 43 Resp: 1110121

Ion Ratio Lower Upper

43 100

58 28.6 22.1 33.1

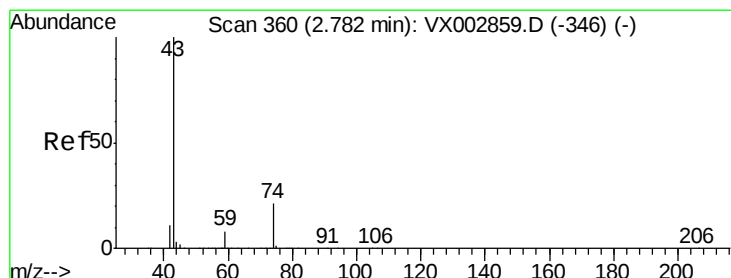
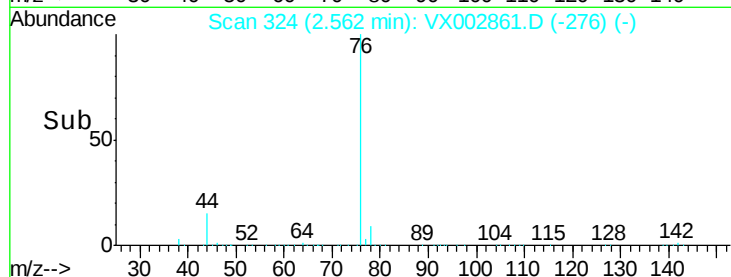
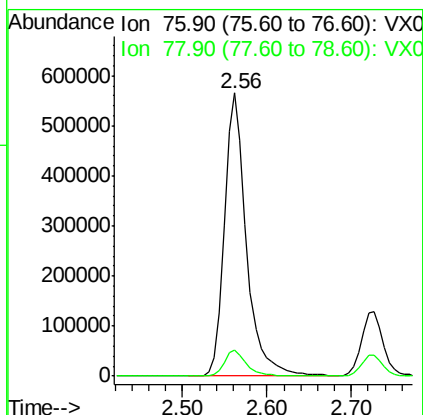
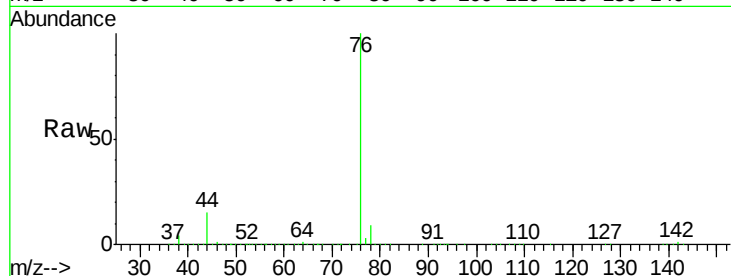




#17
Carbon Disulfide
Concen: 145.324 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

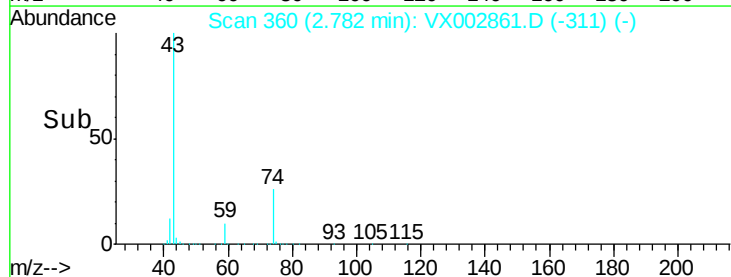
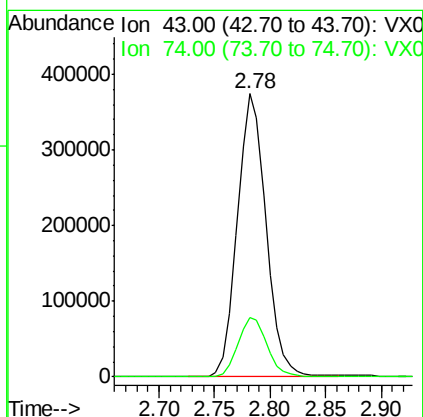
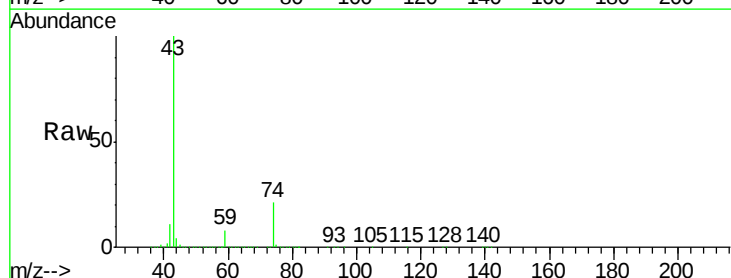
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

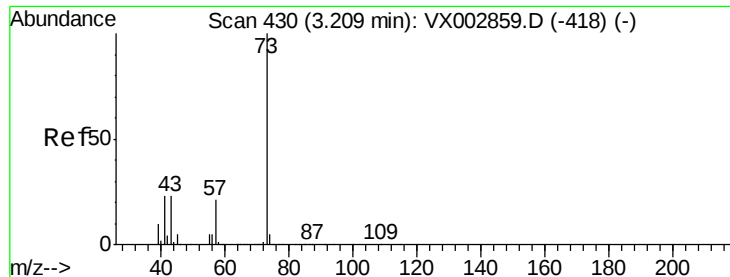
Tgt Ion: 76 Resp: 1013138
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 141.596 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Tgt Ion: 43 Resp: 665324
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1



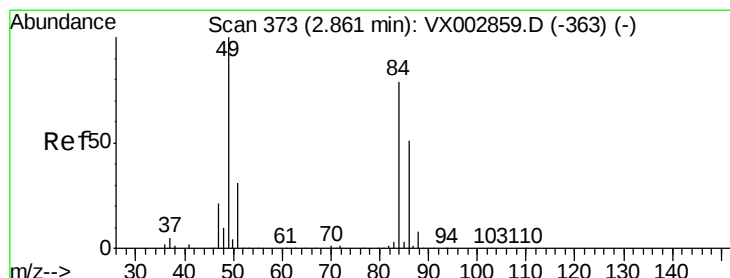
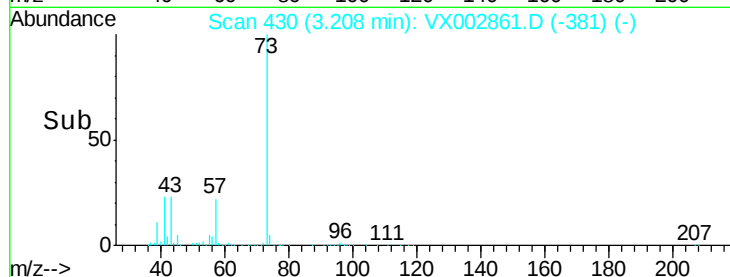
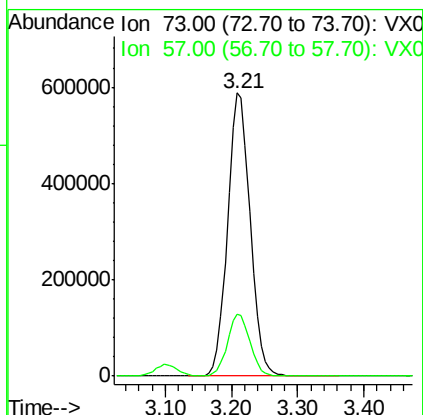
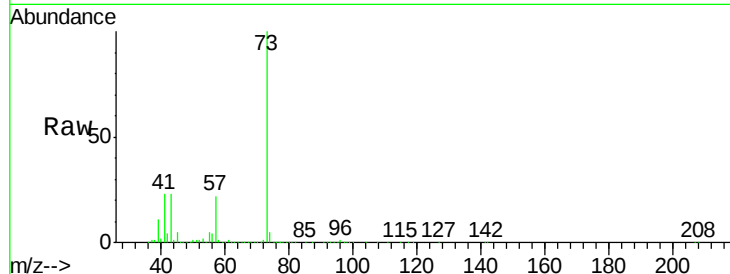


#19

Methyl tert-butyl Ether
 Concen: 126.061 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

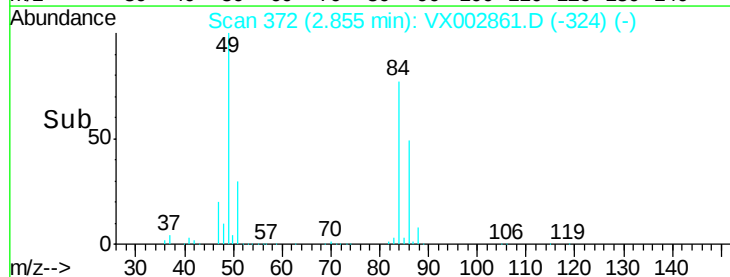
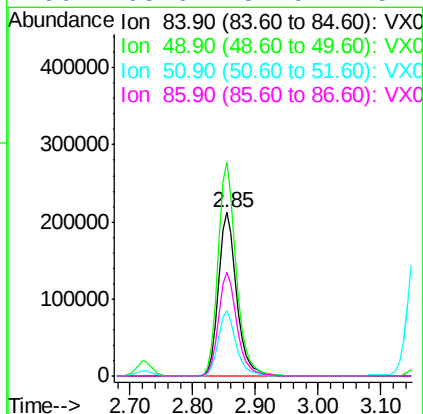
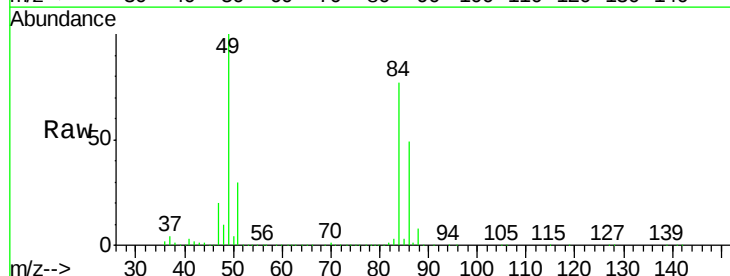
Tgt Ion: 73 Resp: 1390051
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.7 26.5

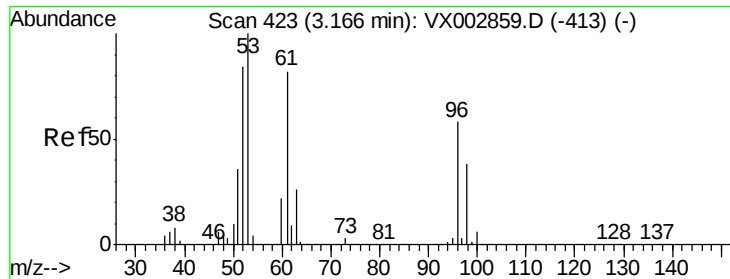


#20

Methylene Chloride
 Concen: 117.273 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

Tgt Ion: 84 Resp: 424093
 Ion Ratio Lower Upper
 84 100
 49 130.4 107.8 161.6
 51 39.6 32.8 49.2
 86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 127.308 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

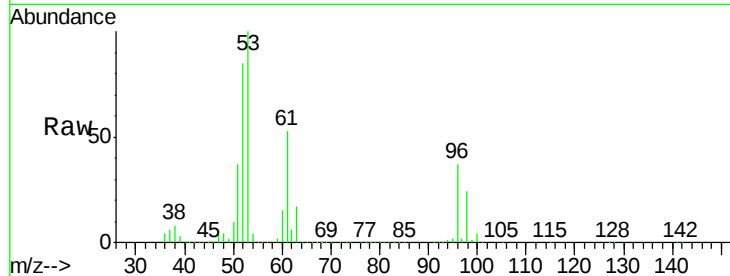
Tgt Ion: 96 Resp: 405965

Ion Ratio Lower Upper

96 100

61 142.3 117.0 175.4

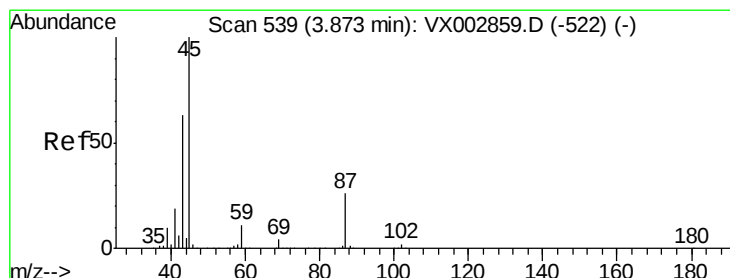
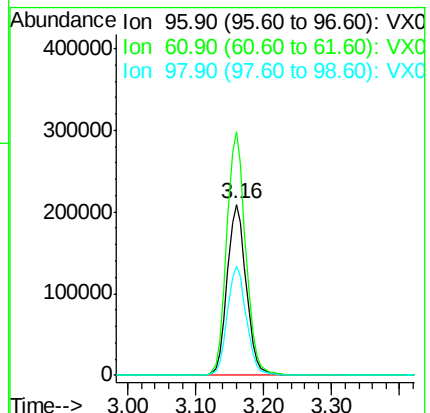
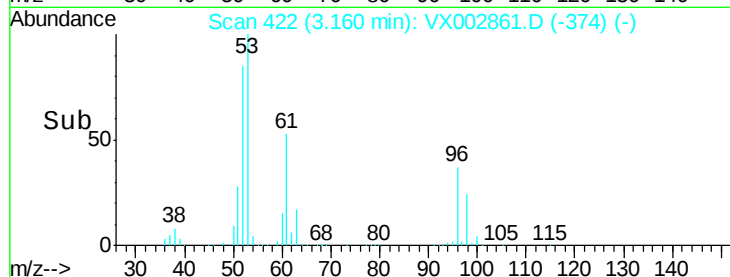
98 64.1 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 141.381 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Tgt Ion: 45 Resp: 1492871

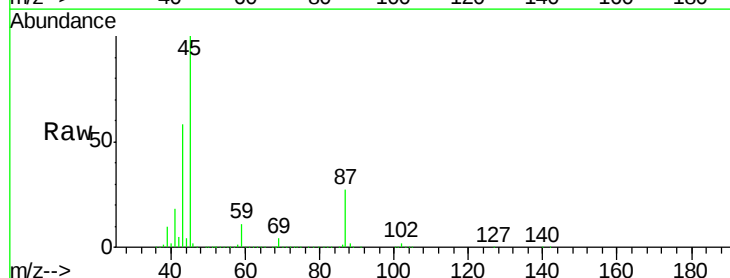
Ion Ratio Lower Upper

45 100

43 57.8 46.8 70.2

87 26.7 20.2 30.4

59 11.0 8.7 13.1

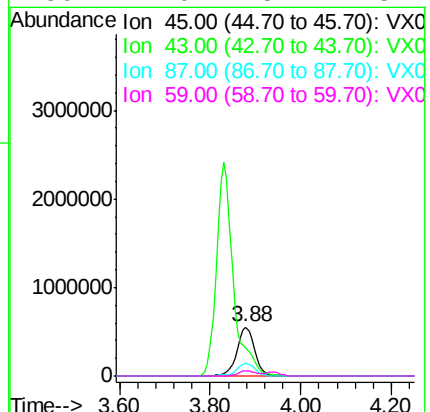
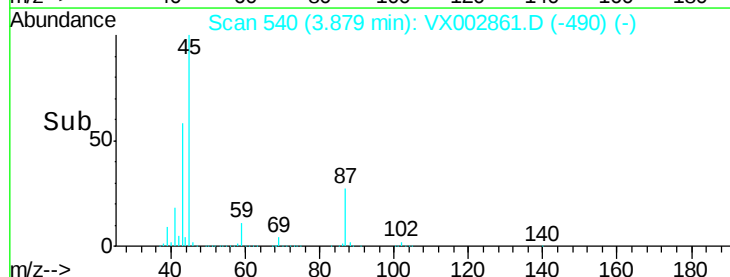


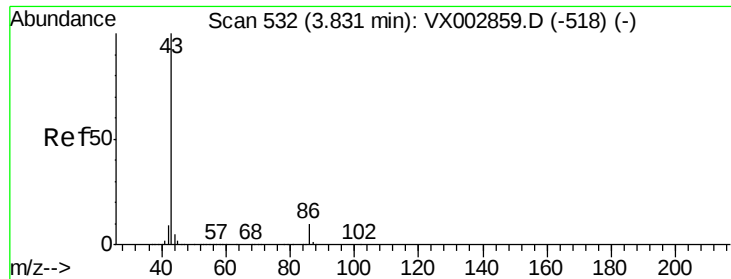
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 711.894 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampled :

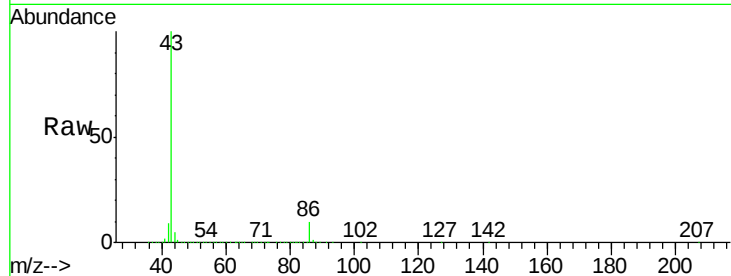
VSTDIC150

Tgt Ion: 43 Resp: 6291475

Ion Ratio Lower Upper

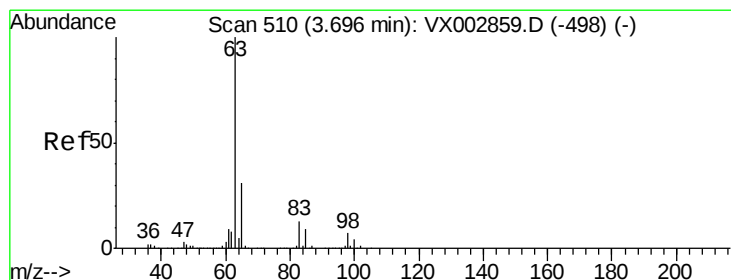
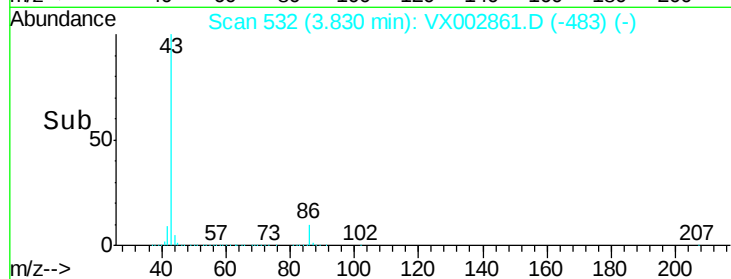
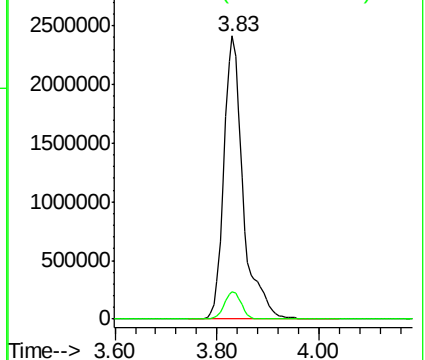
43 100

86 9.6 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 134.012 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

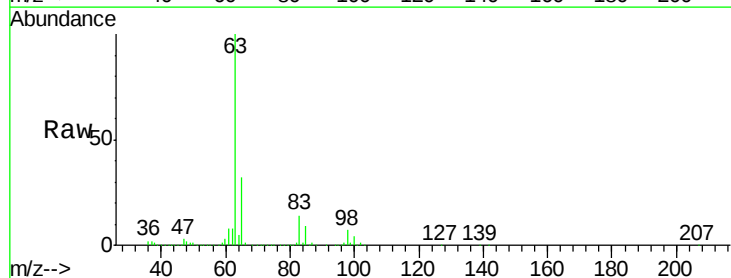
Tgt Ion: 63 Resp: 768025

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

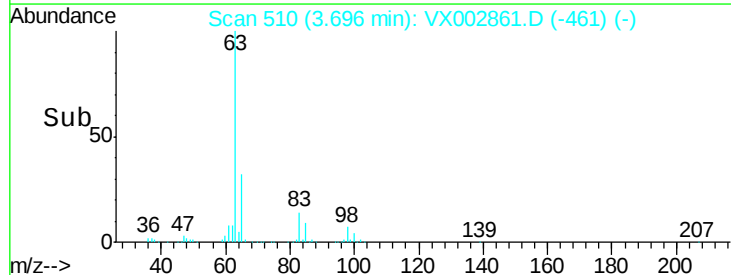
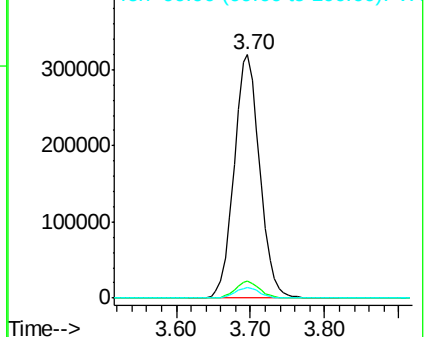
100 4.4 2.0 6.0

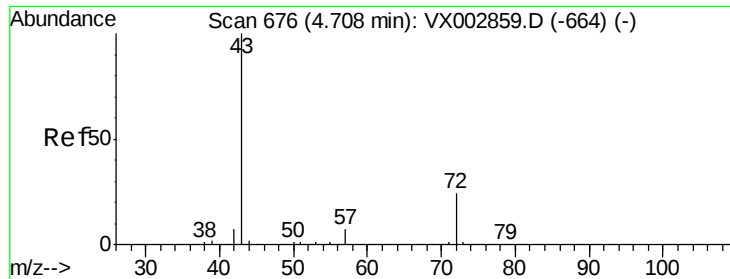


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 742.478 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

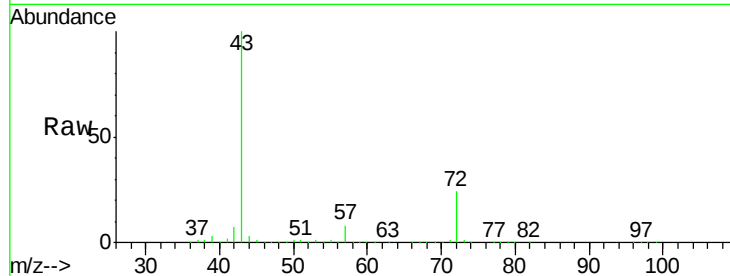
VSTDIC150

Tgt Ion: 43 Resp: 1719735

Ion Ratio Lower Upper

43 100

72 23.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

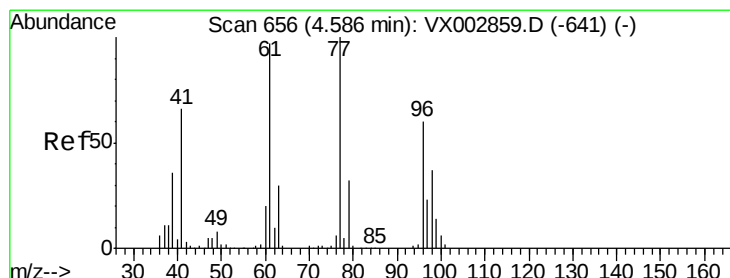
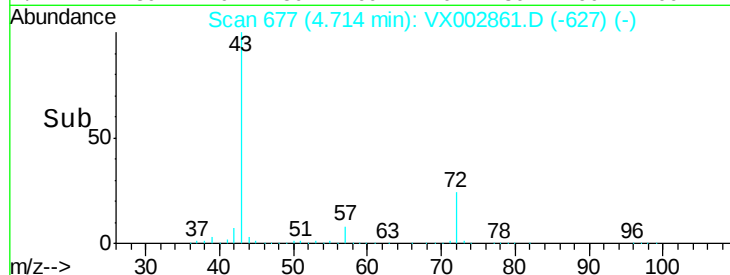
600000

400000

200000

0

Time-->



#26

2,2-Dichloropropane

Concen: 158.718 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002861.D

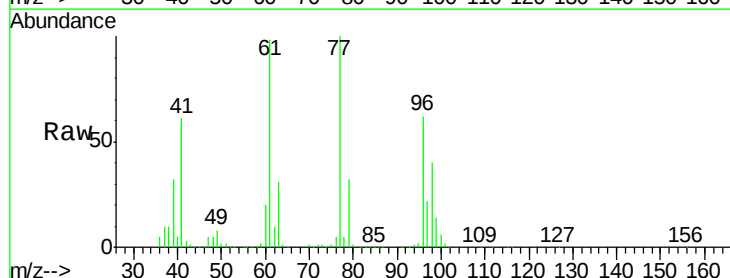
Acq: 25 Jun 2018 13:07

Tgt Ion: 77 Resp: 653588

Ion Ratio Lower Upper

77 100

97 22.4 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

250000

200000

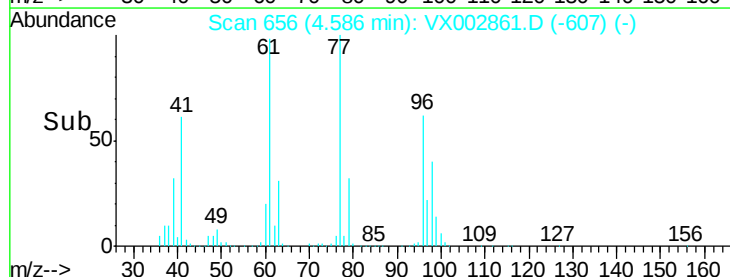
150000

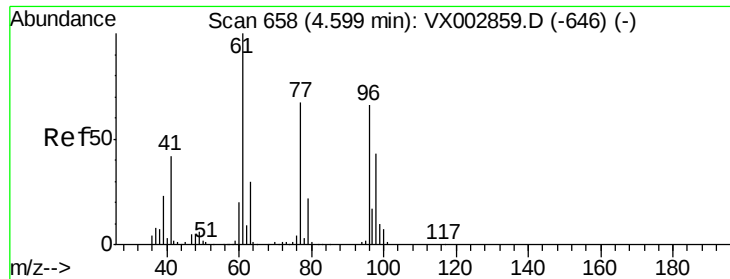
100000

50000

0

Time-->



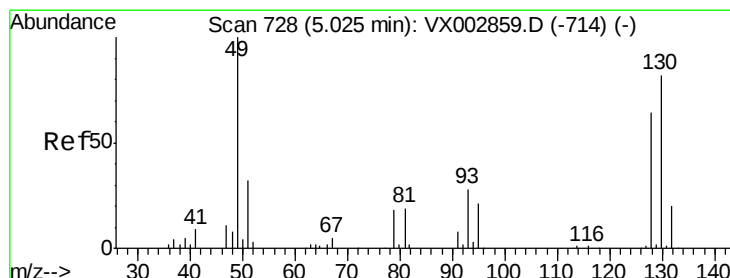
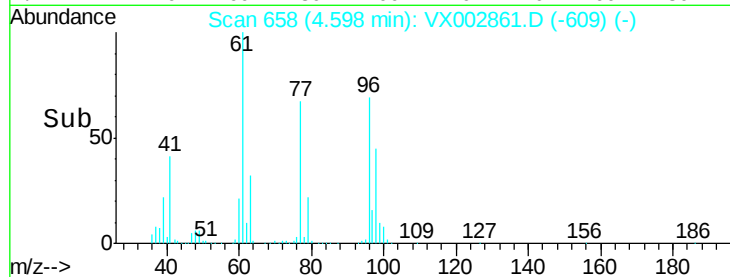
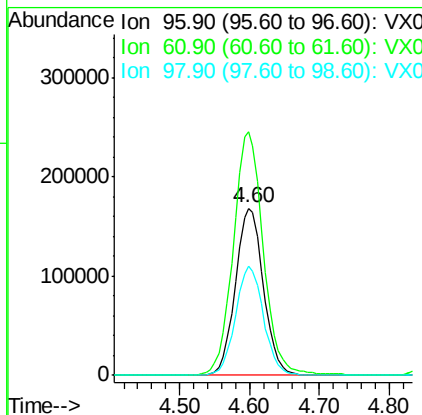
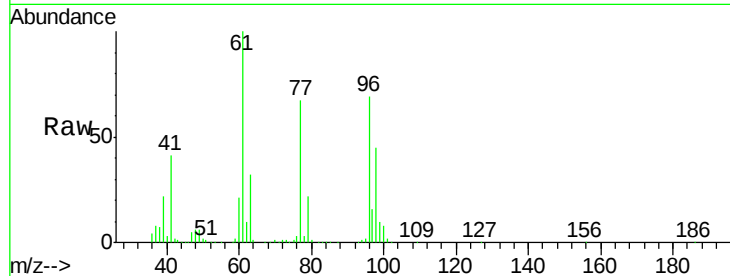


#27

cis-1,2-Dichloroethene
Concen: 144.208 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

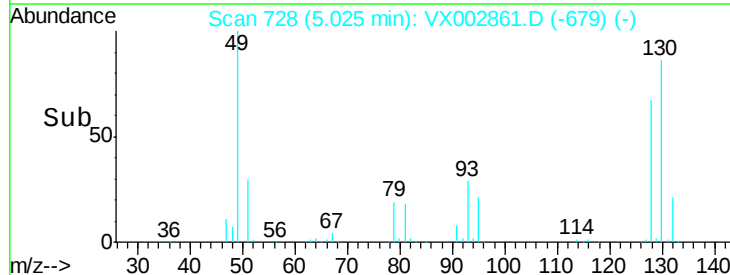
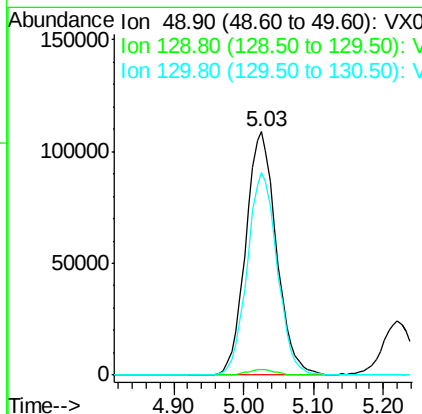
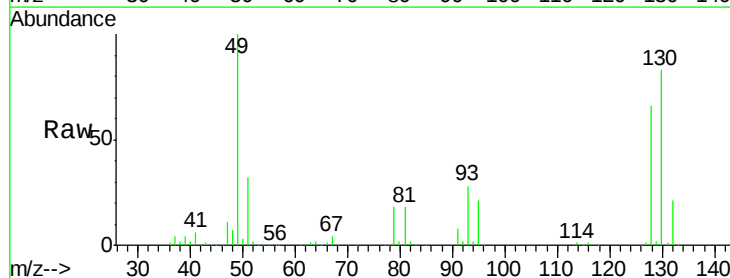
Tgt Ion: 96 Resp: 467899
Ion Ratio Lower Upper
96 100
61 156.6 0.0 330.2
98 65.5 0.0 130.2

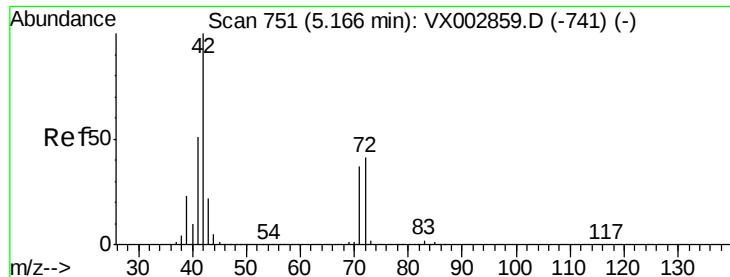


#28

Bromochloromethane
Concen: 123.319 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Tgt Ion: 49 Resp: 330974
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 81.6 61.2 91.8





#29

Tetrahydrofuran

Concen: 726.513 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

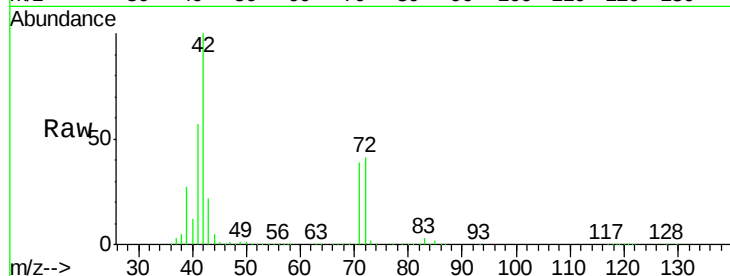
Tgt Ion: 42 Resp: 1102844

Ion Ratio Lower Upper

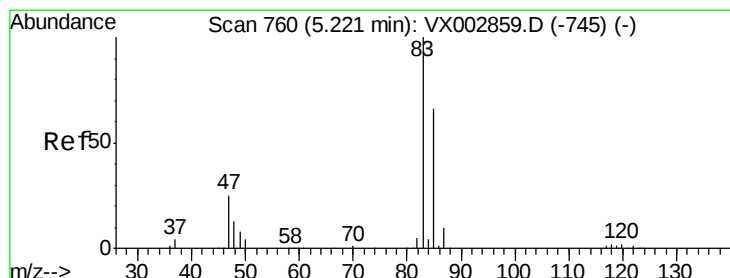
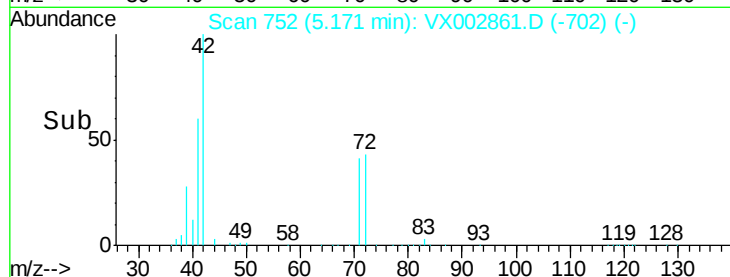
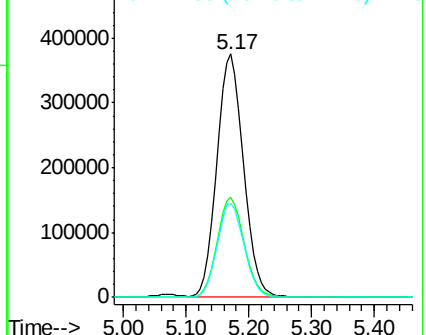
42 100

72 41.8 32.0 48.0

71 39.1 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: 148.681 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002861.D

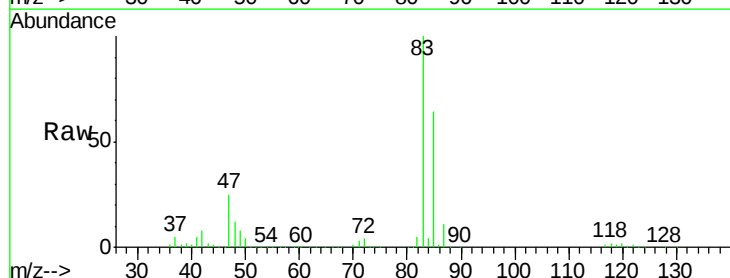
Acq: 25 Jun 2018 13:07

Tgt Ion: 83 Resp: 821682

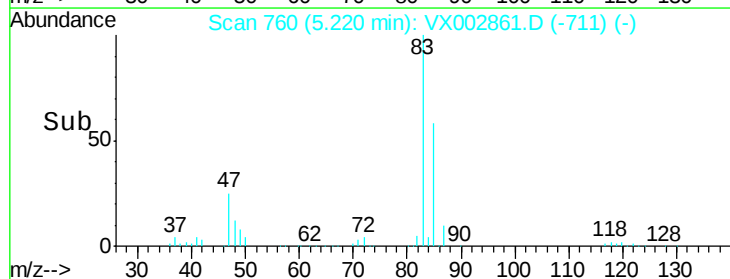
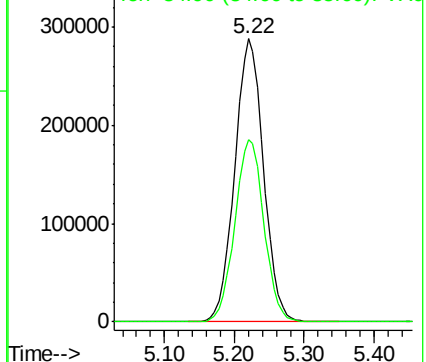
Ion Ratio Lower Upper

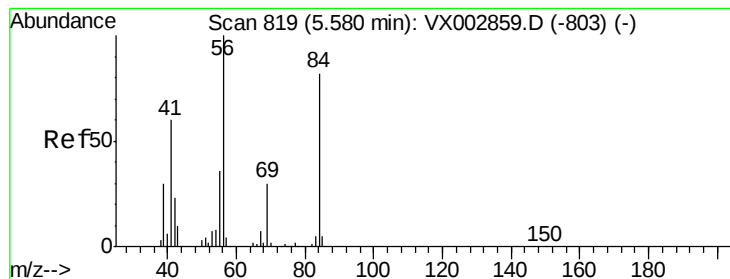
83 100

85 64.3 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: 144.446 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

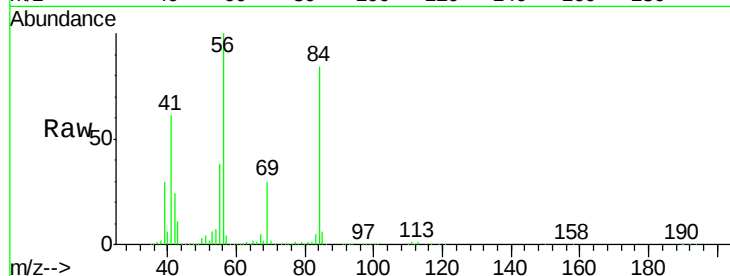
Tgt Ion: 56 Resp: 681582

Ion Ratio Lower Upper

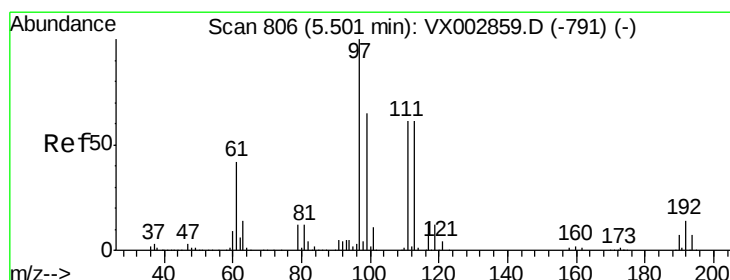
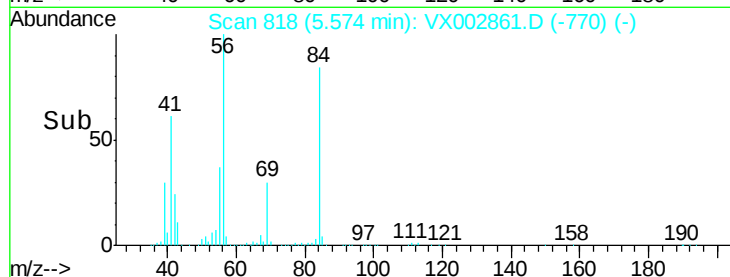
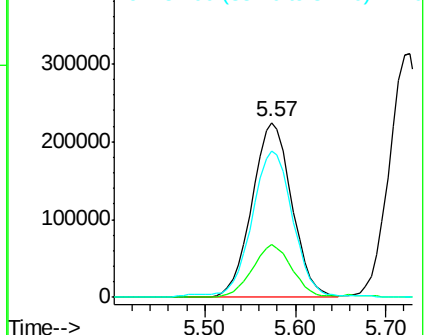
56 100

69 30.0 23.7 35.5

84 82.9 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 161.899 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

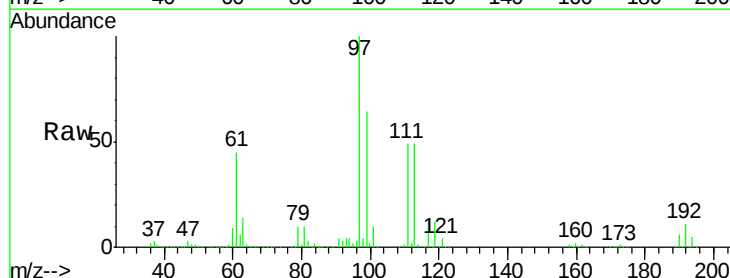
Tgt Ion: 97 Resp: 748323

Ion Ratio Lower Upper

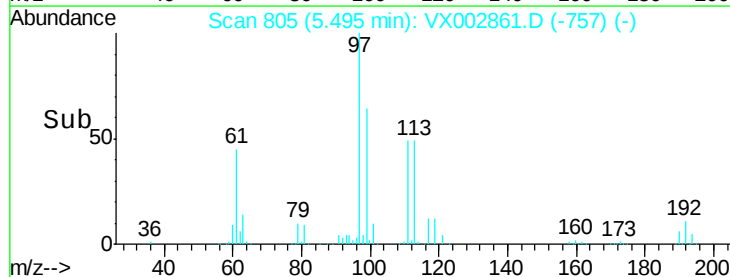
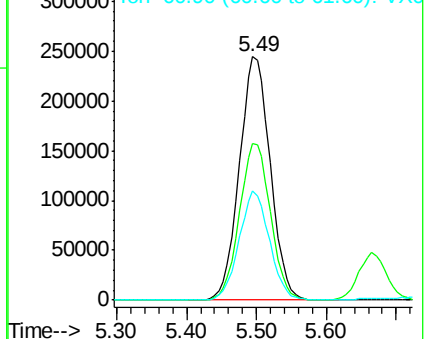
97 100

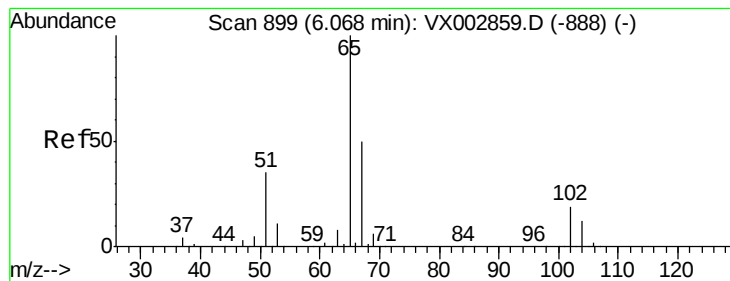
99 64.5 51.6 77.4

61 43.9 36.4 54.6



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





#33

1,2-Dichloroethane-d4

Concen: 132.337 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

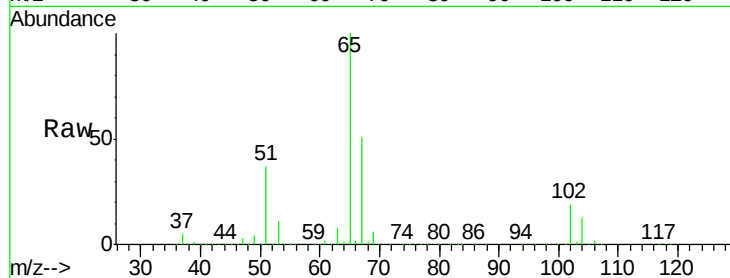
VSTDIC150

Tgt Ion: 65 Resp: 529033

Ion Ratio Lower Upper

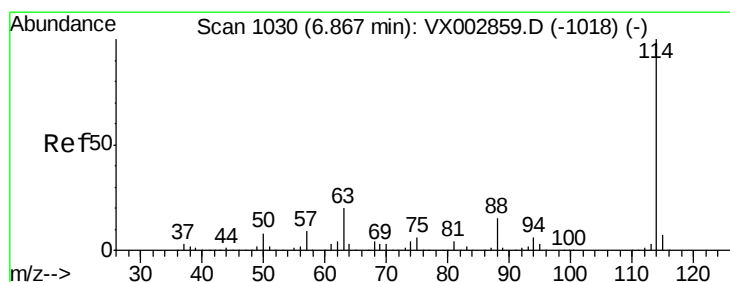
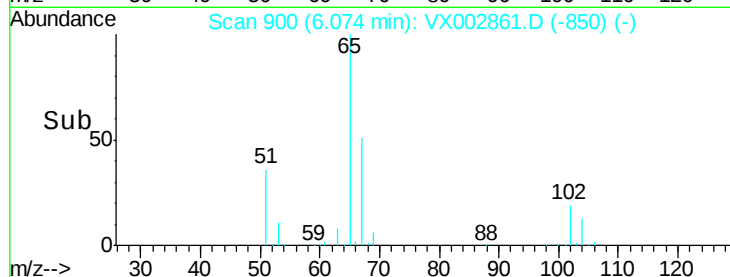
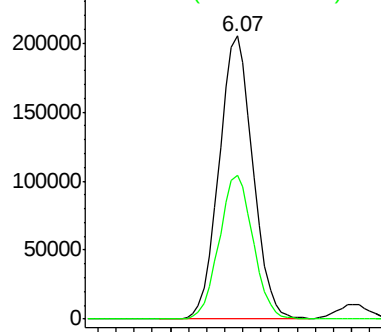
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

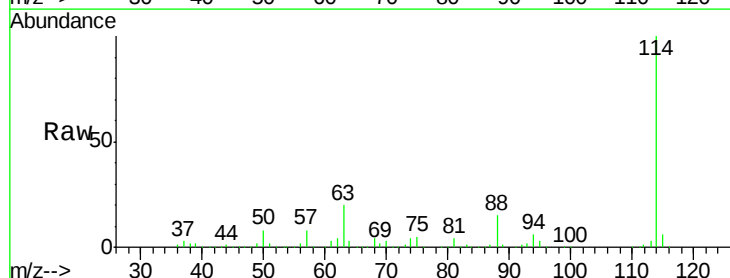
Tgt Ion: 114 Resp: 365443

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

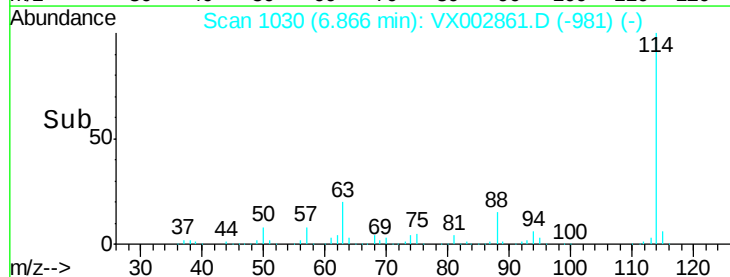
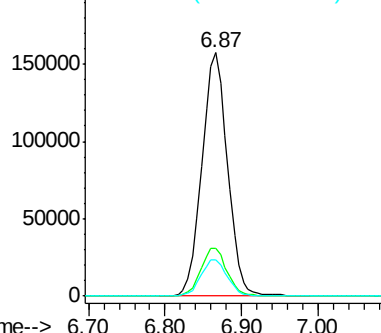
88 15.1 0.0 30.0

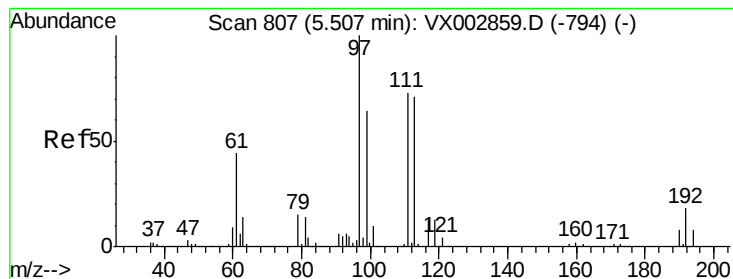


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 146.791 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

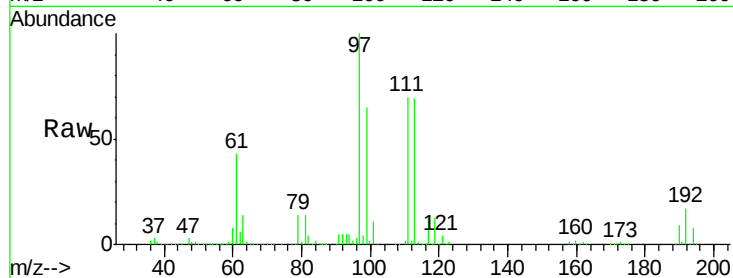
Tgt Ion:113 Resp: 428129

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

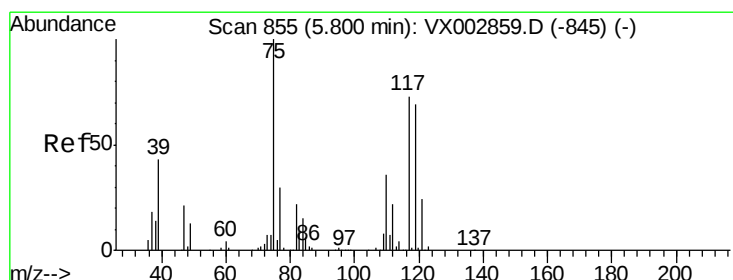
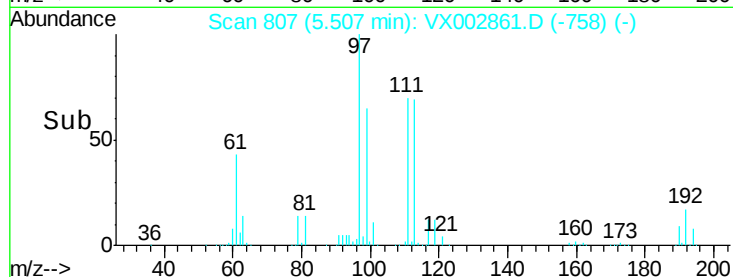
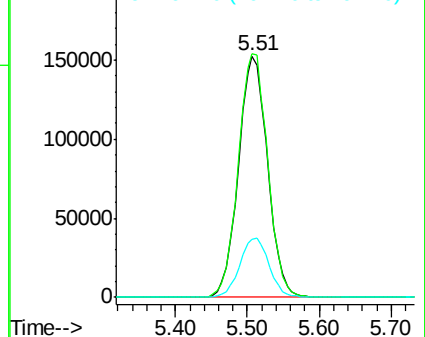
192 24.6 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 154.962 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

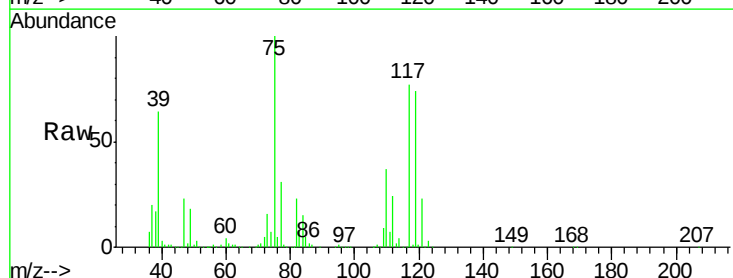
Tgt Ion: 75 Resp: 601439

Ion Ratio Lower Upper

75 100

110 36.7 18.1 54.4

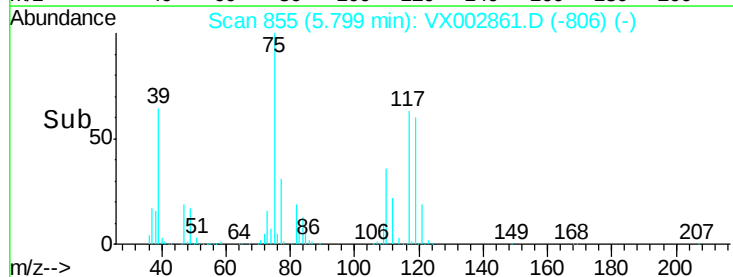
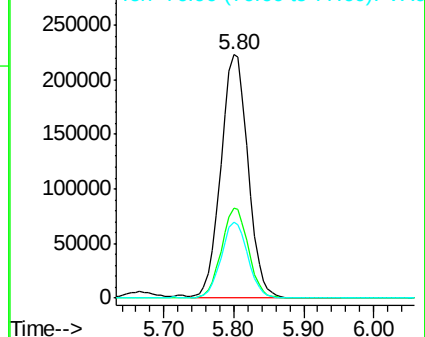
77 30.6 24.3 36.5

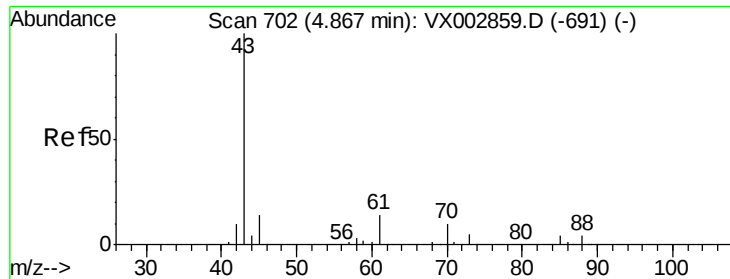


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

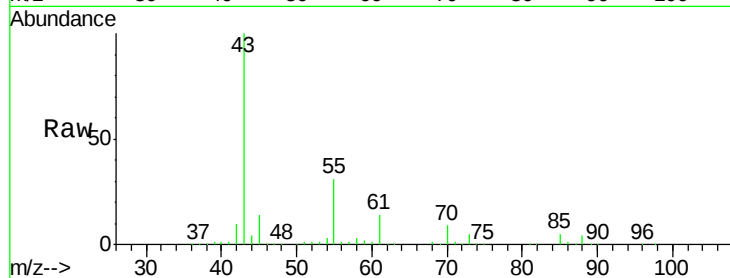




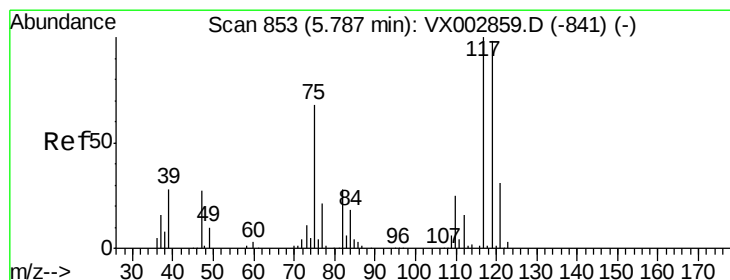
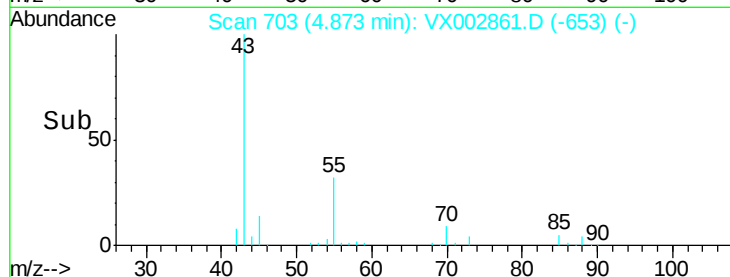
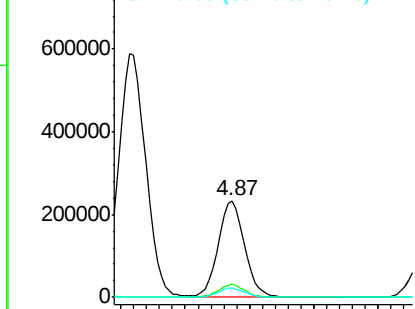
#37
 Ethyl Acetate
 Concen: 153.022 ug/l
 RT: 4.87 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 672222
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.4 15.6
 70 9.6 7.6 11.4

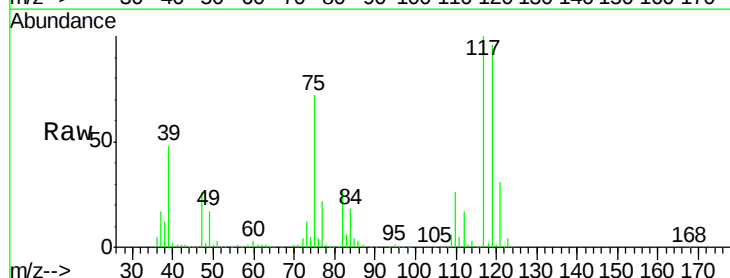


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

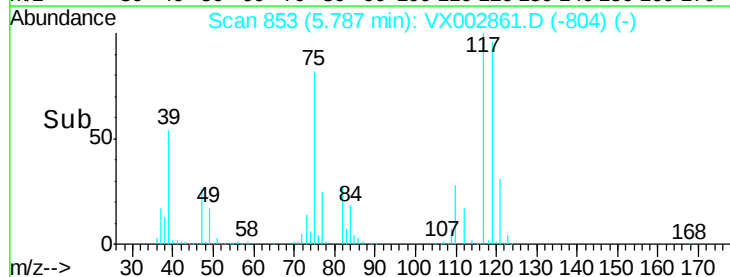
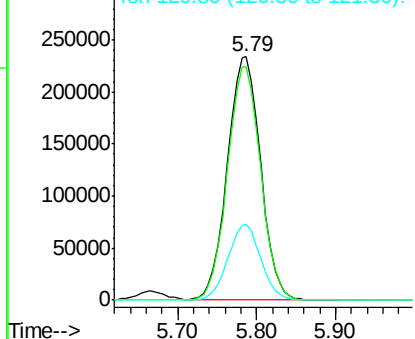


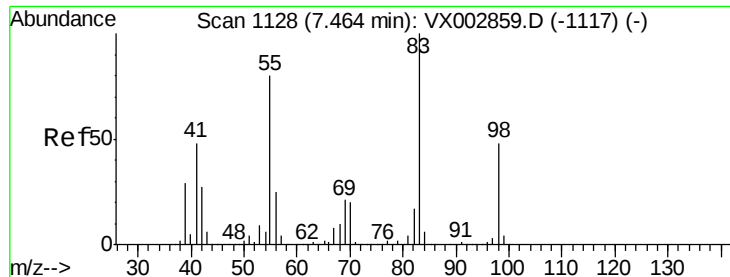
#38
 Carbon Tetrachloride
 Concen: 177.159 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

Tgt Ion: 117 Resp: 684692
 Ion Ratio Lower Upper
 117 100
 119 95.9 77.4 116.0
 121 31.4 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

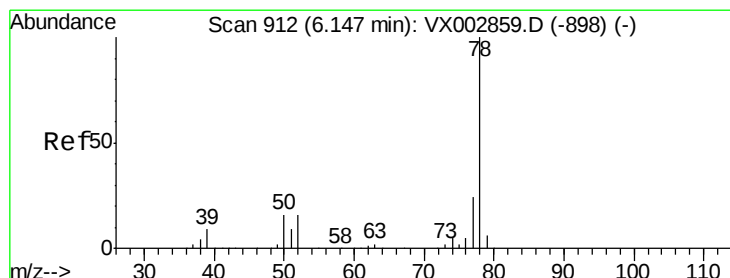
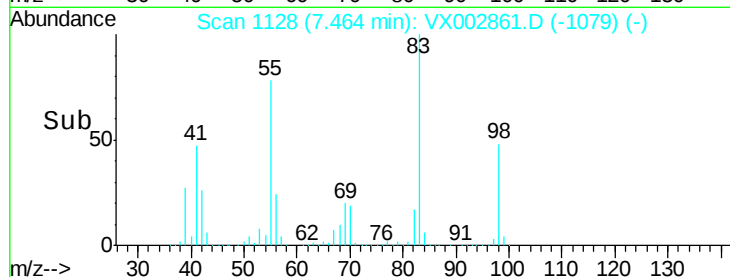
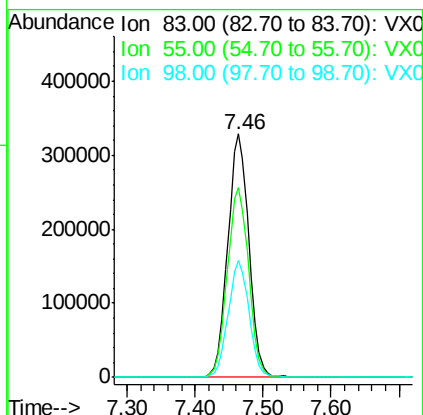
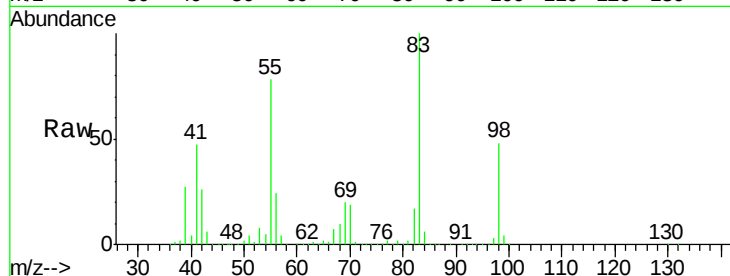




#39
Methylcyclohexane
Concen: 155.630 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

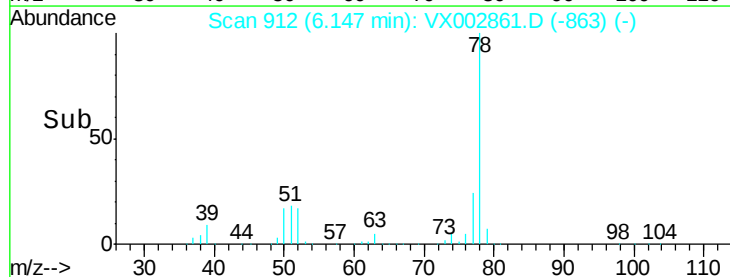
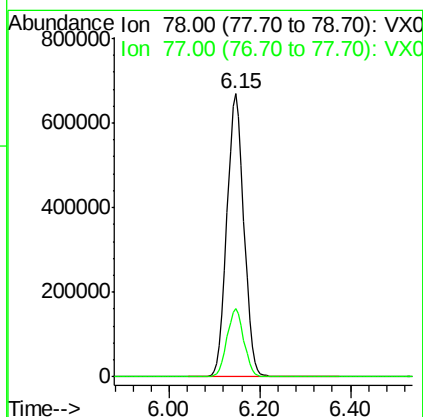
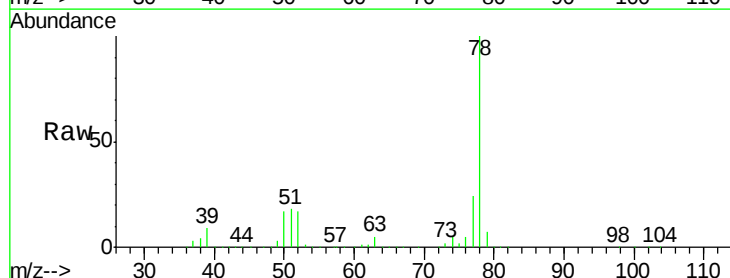
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

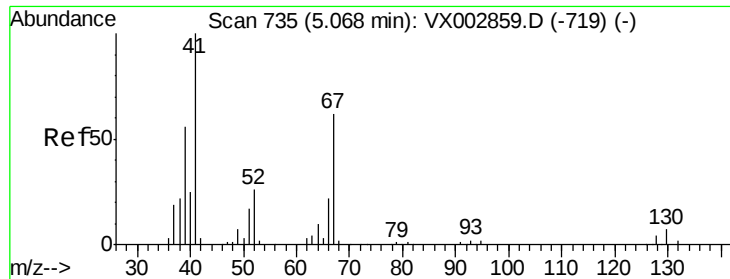
Tgt Ion: 83 Resp: 706136
Ion Ratio Lower Upper
83 100
55 78.2 65.4 98.0
98 47.9 37.4 56.0



#40
Benzene
Concen: 149.623 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Tgt Ion: 78 Resp: 1741279
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

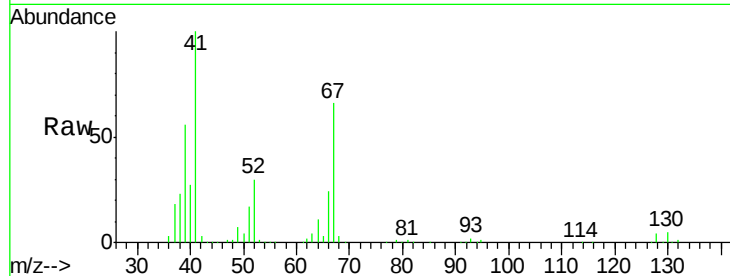




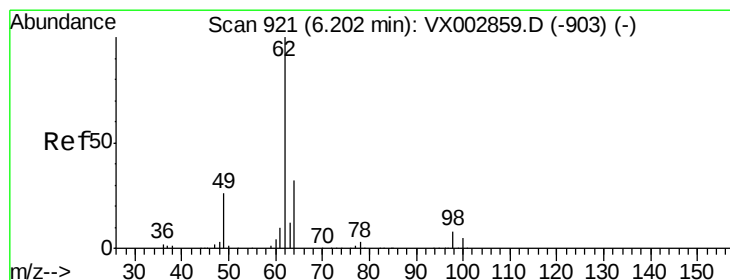
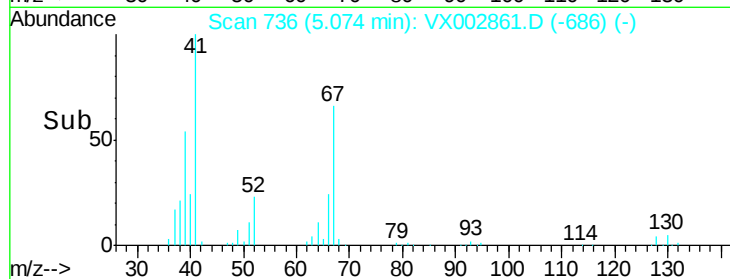
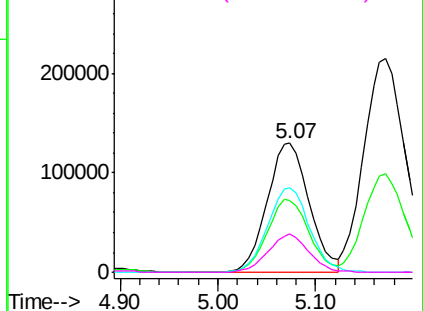
#41
Methacrylonitrile
Concen: 156.538 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	388273
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.8	68.6
67	65.6	51.3	76.9
52	28.9	23.0	34.6

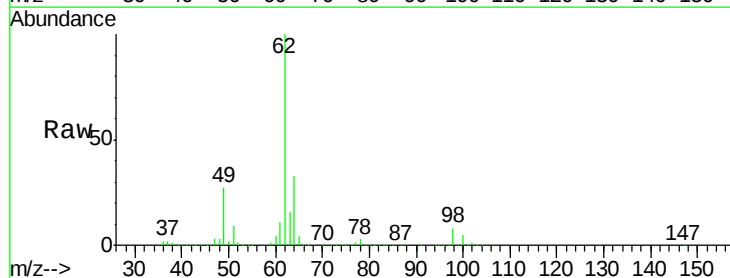


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

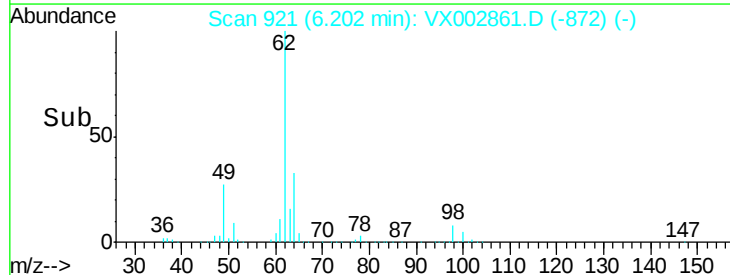
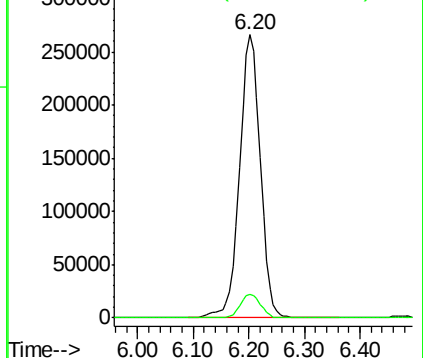


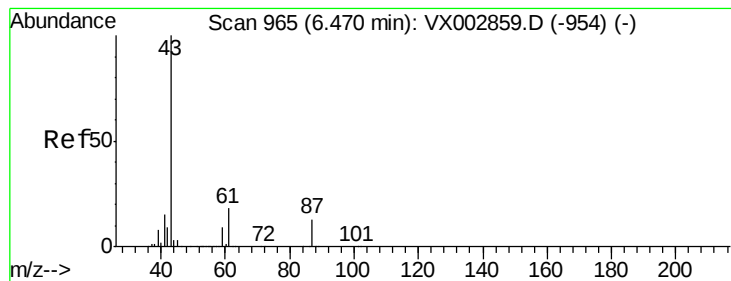
#42
1,2-Dichloroethane
Concen: 151.681 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Tgt Ion:	62	Resp:	683426
Ion	Ratio	Lower	Upper
62	100		
98	8.3	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: 157.665 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

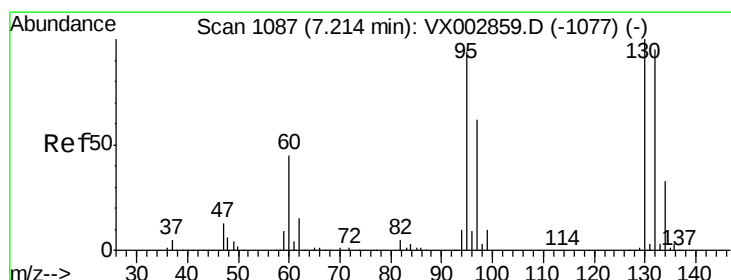
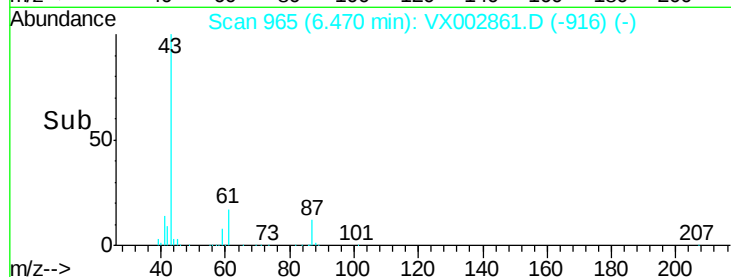
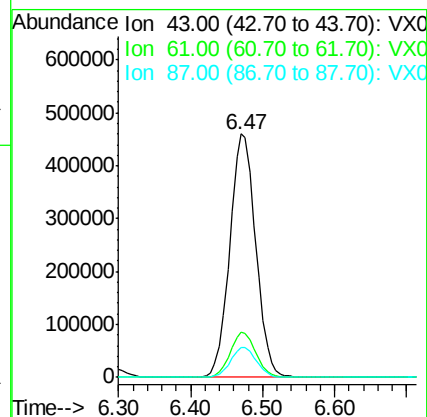
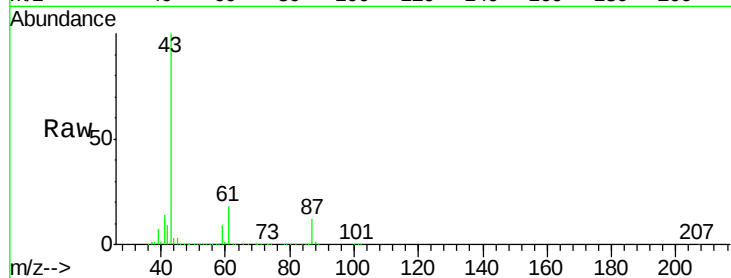
Tgt Ion: 43 Resp: 1147543

Ion Ratio Lower Upper

43 100

61 18.3 14.4 21.6

87 12.3 9.5 14.3



#44

Trichloroethene

Concen: 154.280 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002861.D

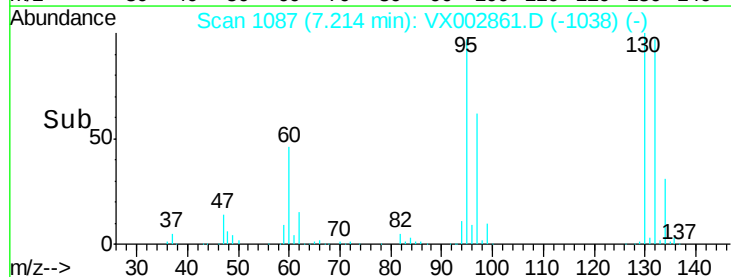
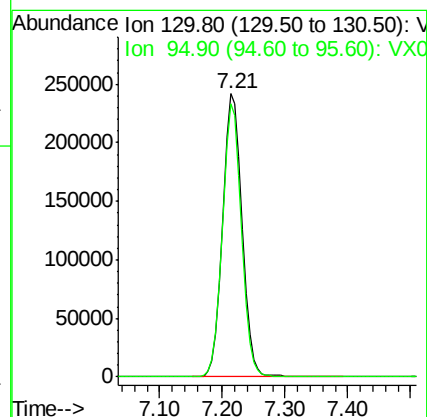
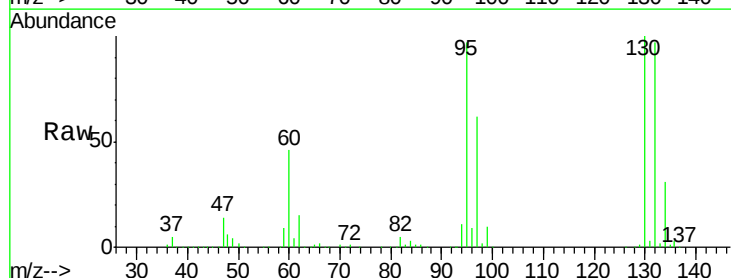
Acq: 25 Jun 2018 13:07

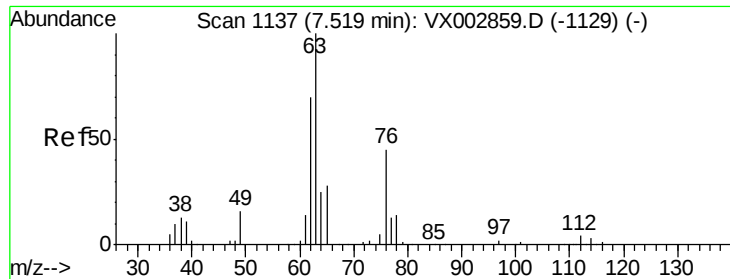
Tgt Ion: 130 Resp: 518237

Ion Ratio Lower Upper

130 100

95 96.6 0.0 185.4

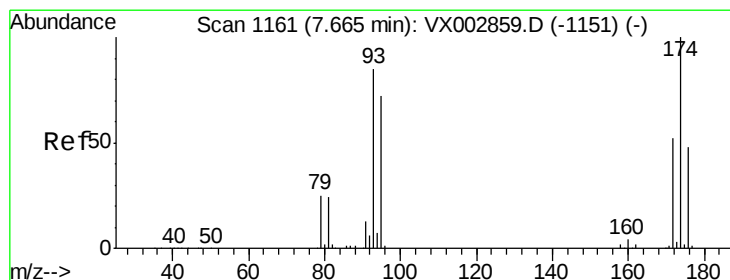
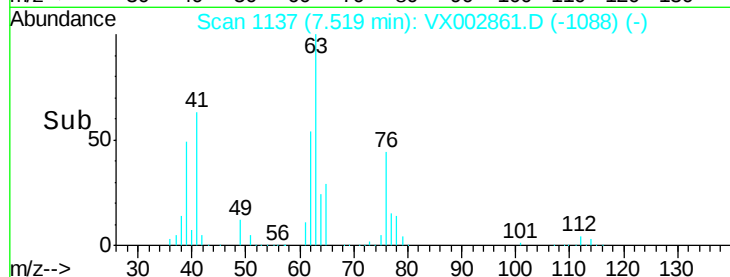
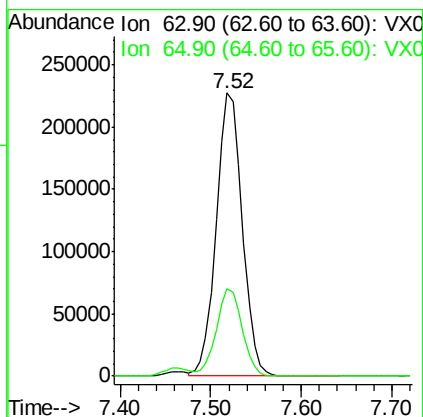
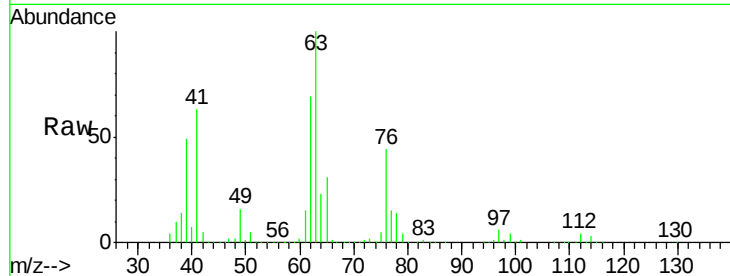




#45
 1,2-Dichloropropane
 Concen: 148.775 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

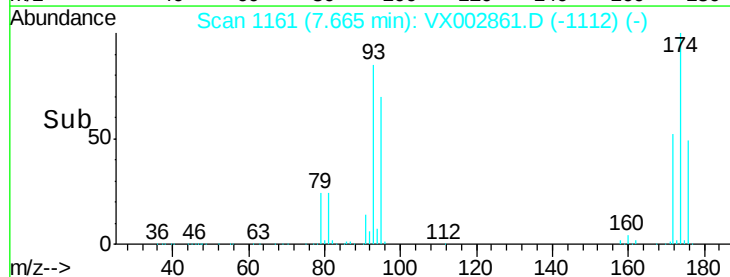
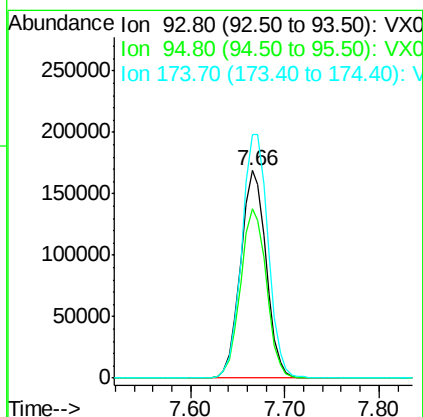
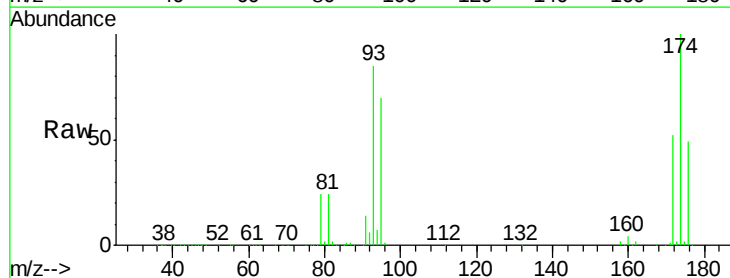
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

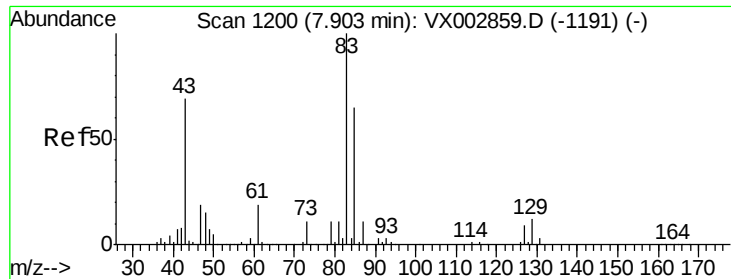
Tgt Ion: 63 Resp: 455684
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 156.326 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

Tgt Ion: 93 Resp: 320290
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.9 98.9
 174 121.3 92.4 138.6





#47

Bromodichloromethane

Concen: 178.023 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

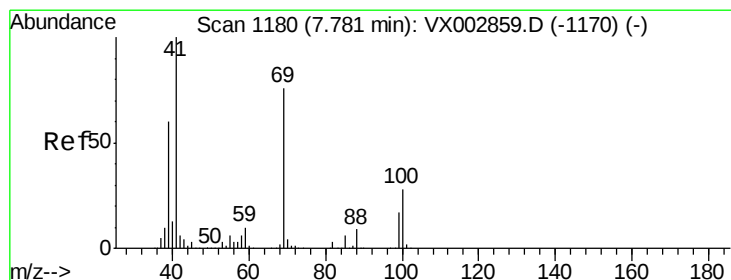
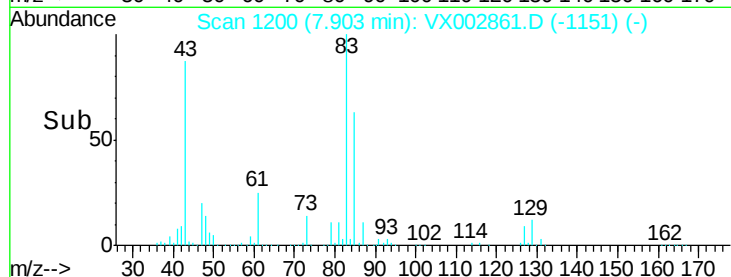
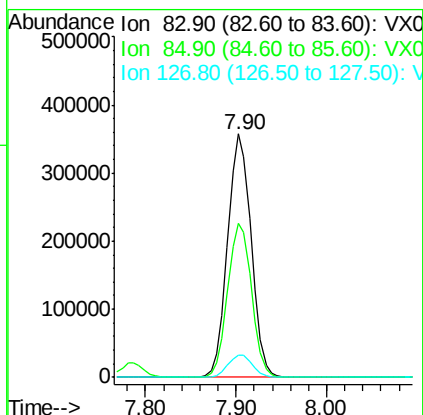
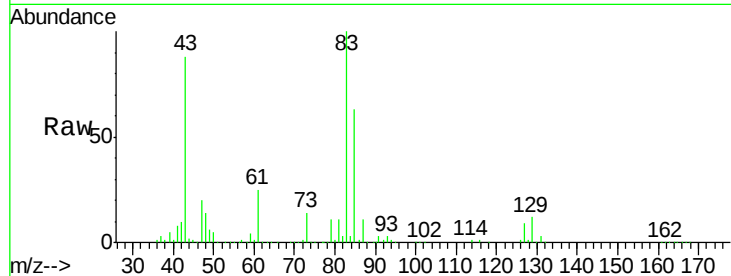
Tgt Ion: 83 Resp: 643316

Ion Ratio Lower Upper

83 100

85 63.2 50.3 75.5

127 9.0 7.0 10.4



#48

Methyl methacrylate

Concen: 163.209 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

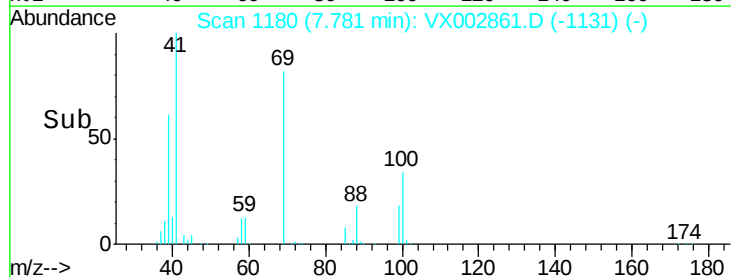
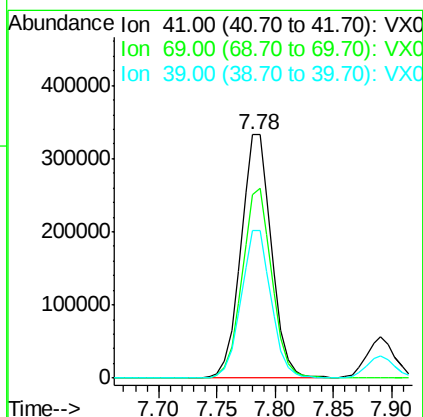
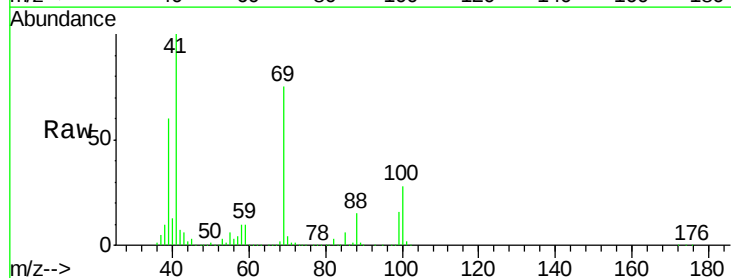
Tgt Ion: 41 Resp: 607044

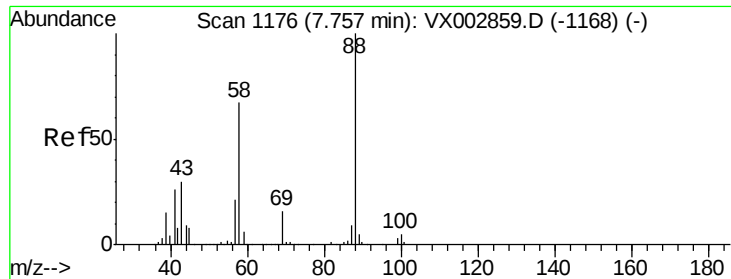
Ion Ratio Lower Upper

41 100

69 76.3 59.1 88.7

39 59.7 48.9 73.3

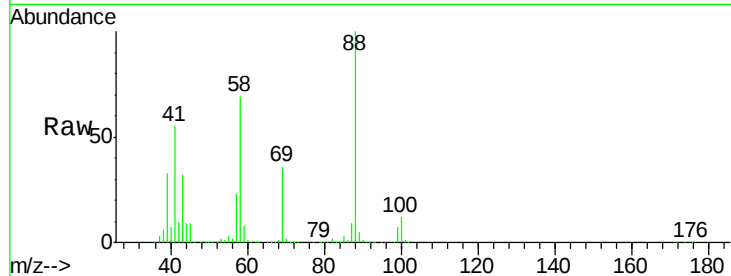




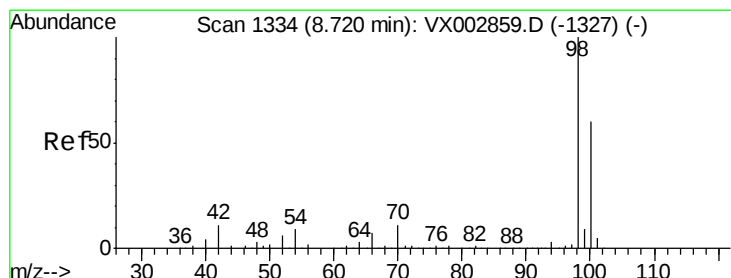
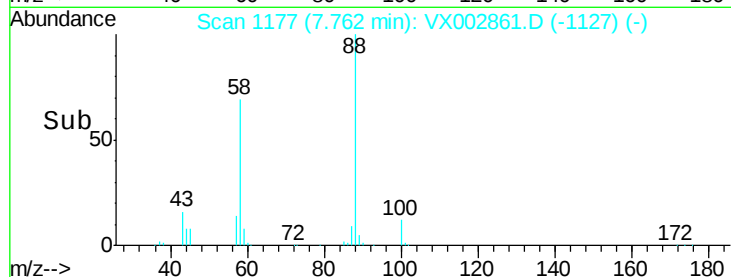
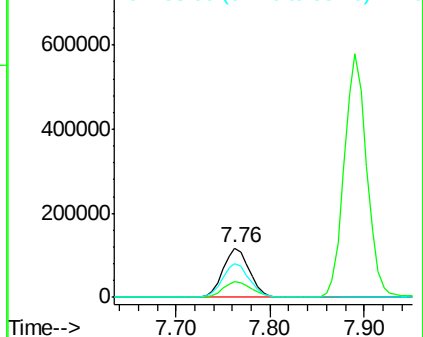
#49
1,4-Dioxane
Concen: 3191.283 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 224781
Ion Ratio Lower Upper
88 100
43 35.6 29.8 44.6
58 69.7 57.1 85.7

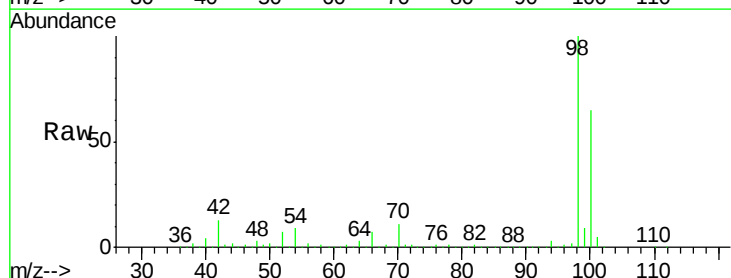


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

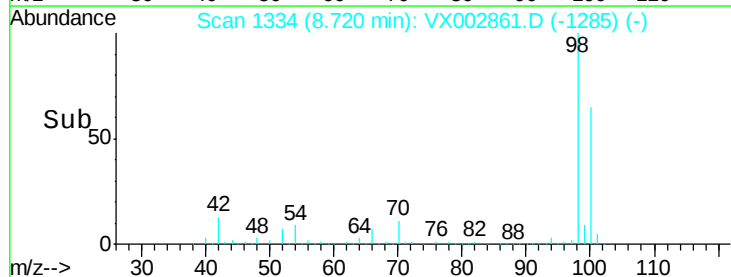
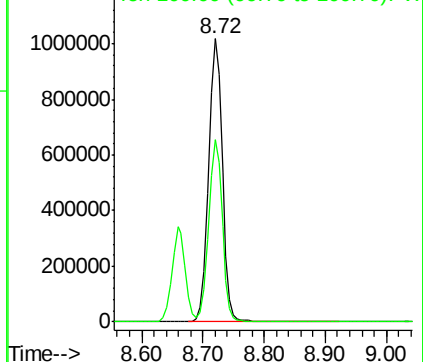


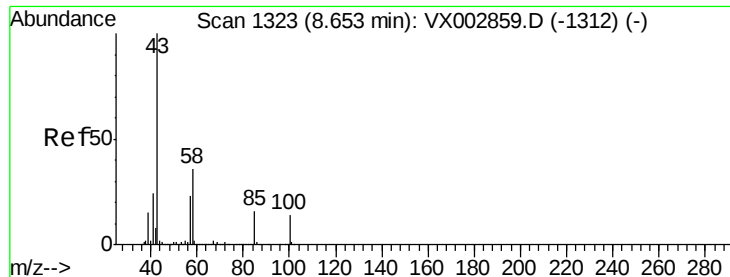
#50
Toluene-d8
Concen: 144.119 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Tgt Ion: 98 Resp: 1596002
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



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

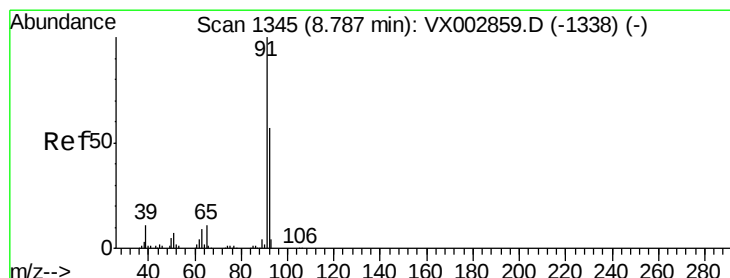
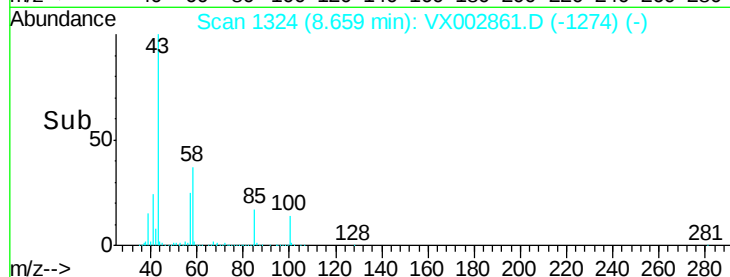
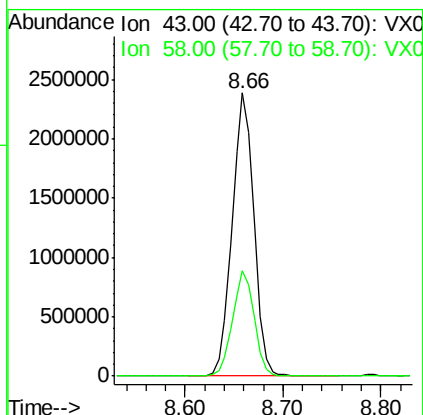
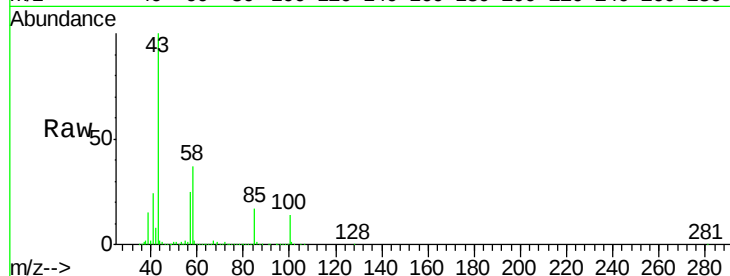




#51
4-Methyl-2-Pentanone
Concen: 787.534 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

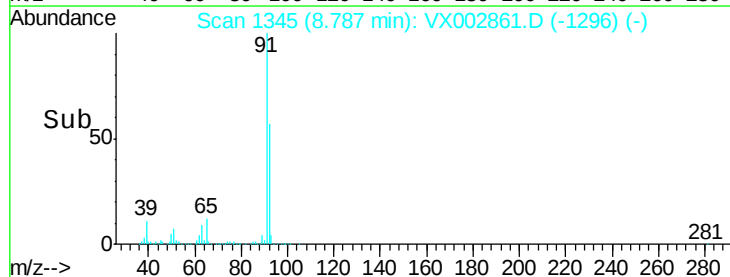
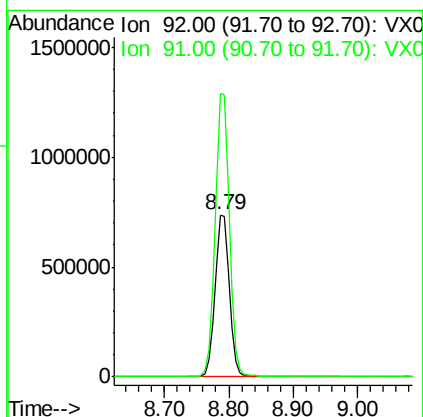
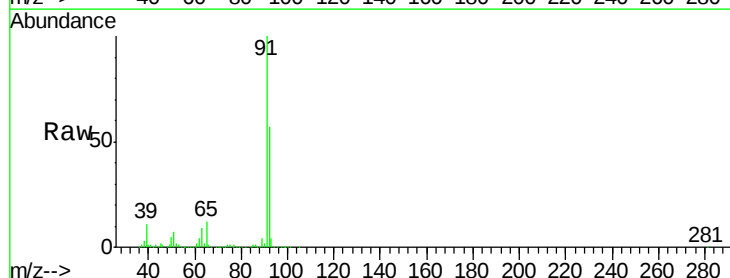
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 3680339
Ion Ratio Lower Upper
43 100
58 36.8 28.6 42.8



#52
Toluene
Concen: 156.209 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Tgt Ion: 92 Resp: 1159652
Ion Ratio Lower Upper
92 100
91 174.5 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 179.264 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampled :

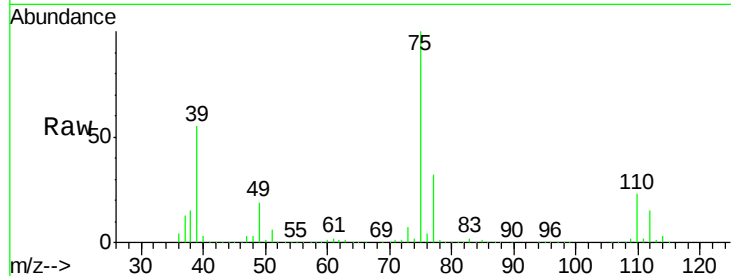
VSTDIC150

Tgt Ion: 75 Resp: 762212

Ion Ratio Lower Upper

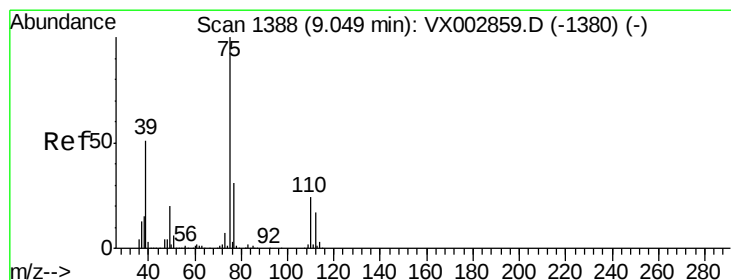
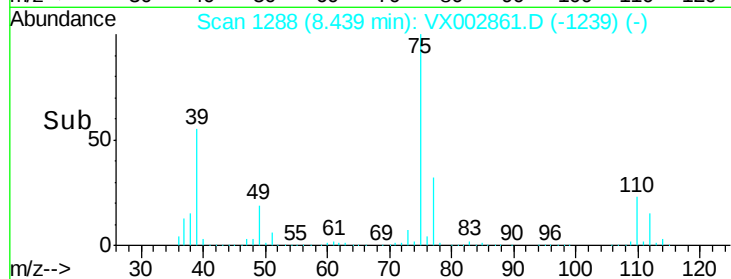
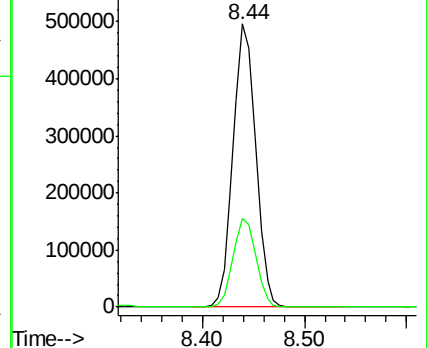
75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 189.193 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

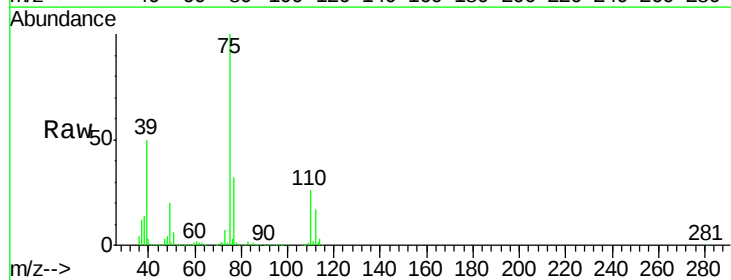
Tgt Ion: 75 Resp: 745158

Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

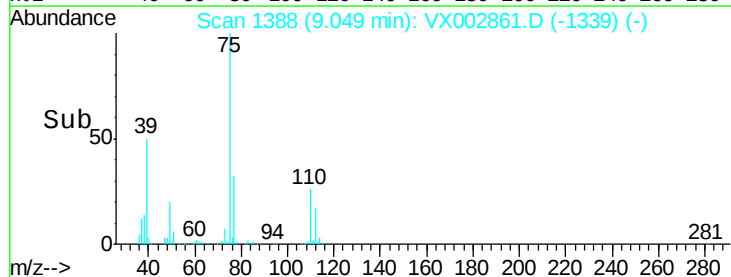
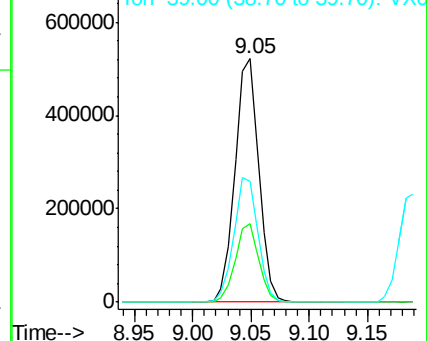
39 49.8 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

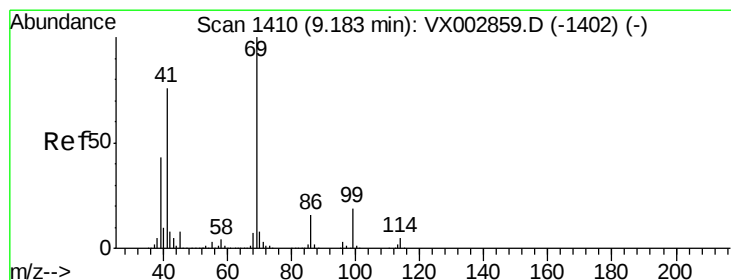
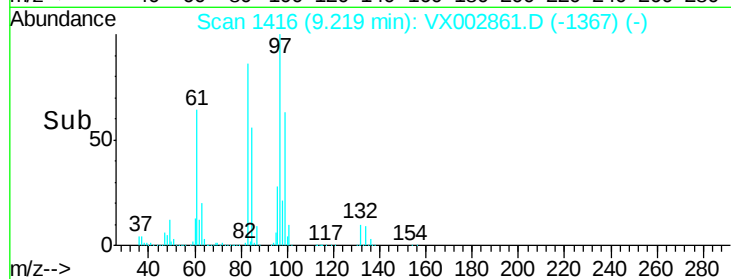
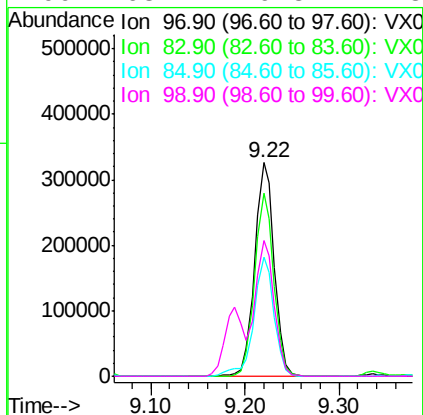
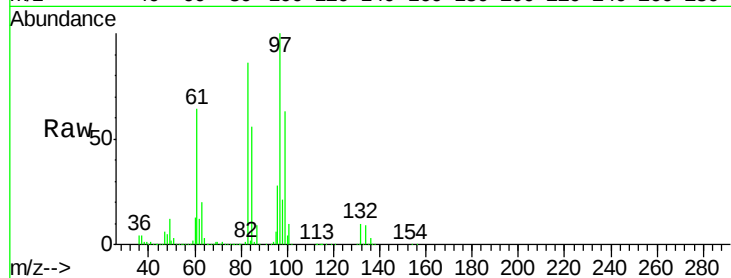




#55
 1,1,2-Trichloroethane
 Concen: 159.533 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

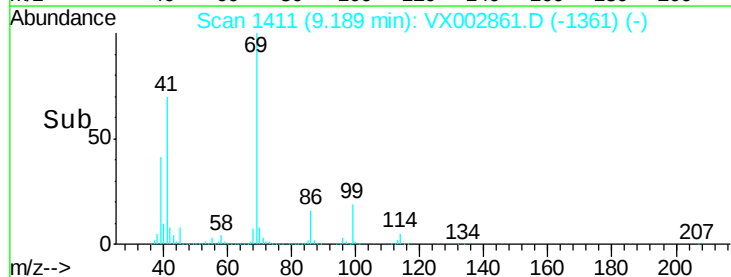
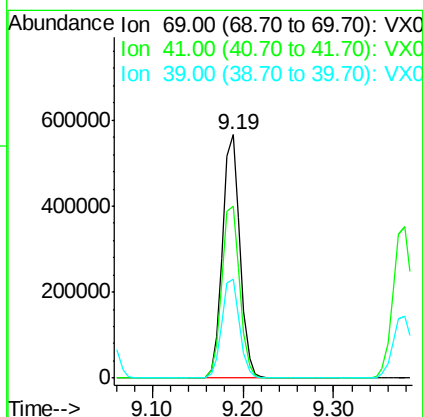
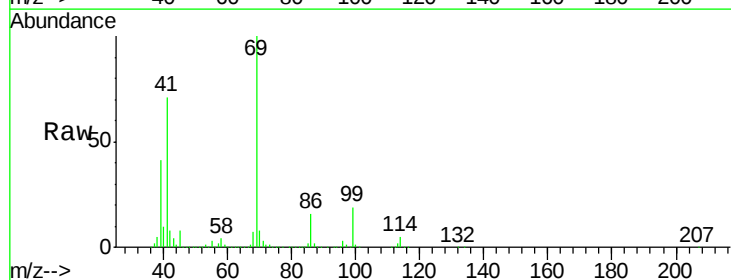
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

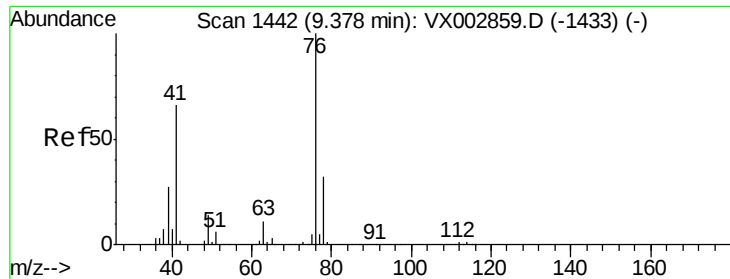
Tgt Ion: 97 Resp: 478554
 Ion Ratio Lower Upper
 97 100
 83 85.9 70.2 105.2
 85 55.9 44.9 67.3
 99 63.4 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 164.132 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

Tgt Ion: 69 Resp: 757681
 Ion Ratio Lower Upper
 69 100
 41 72.7 60.3 90.5
 39 41.7 35.8 53.8

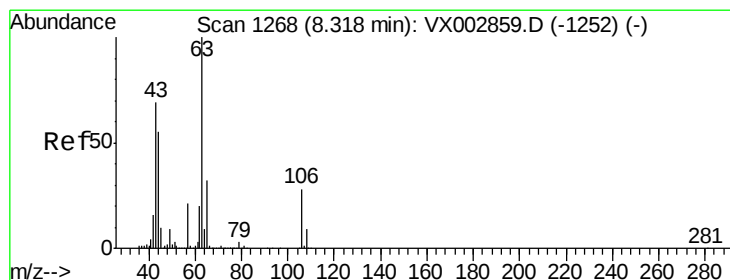
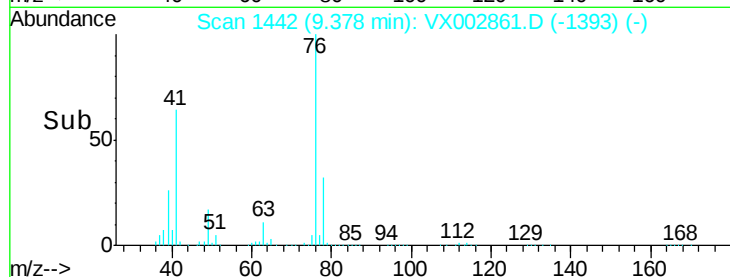
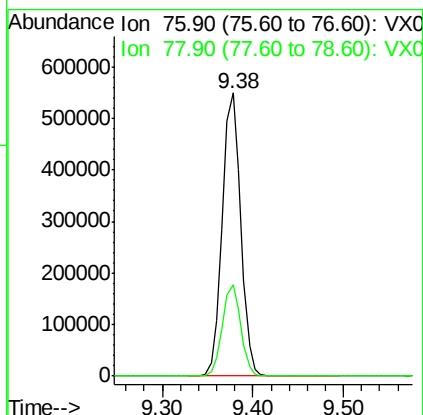
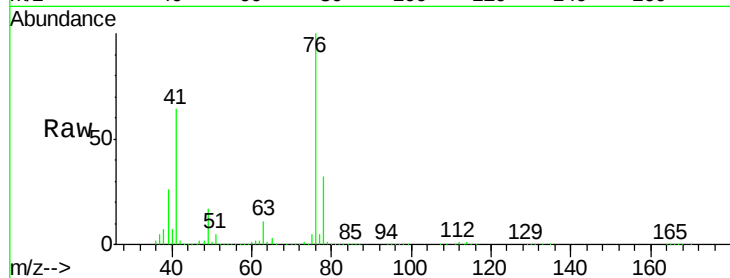




#57
 1,3-Dichloropropane
 Concen: 153.652 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

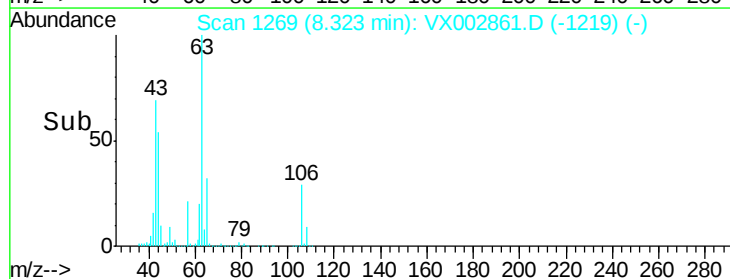
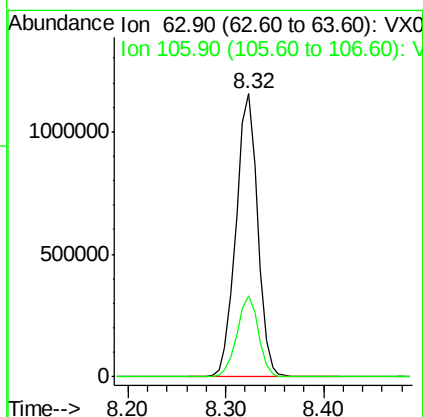
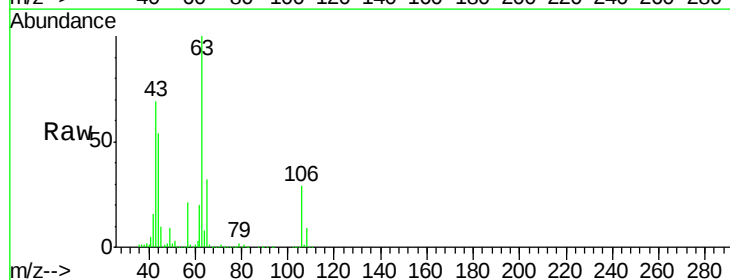
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

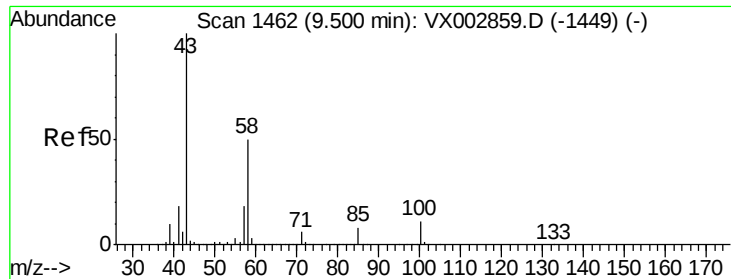
Tgt Ion: 76 Resp: 779540
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 795.927 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

Tgt Ion: 63 Resp: 1777126
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8

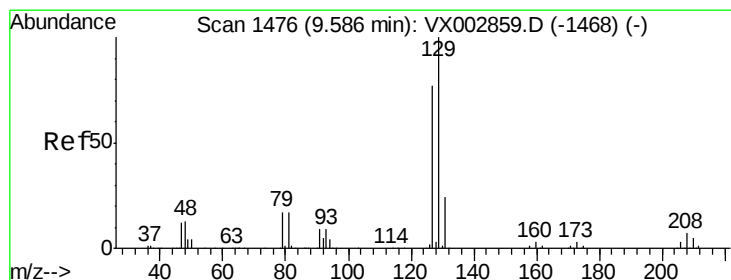
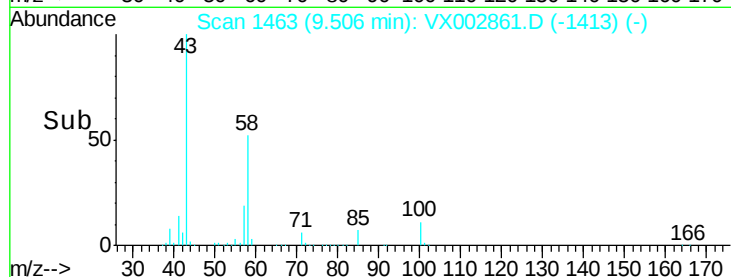
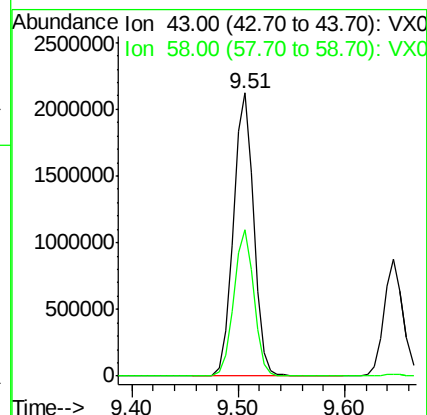
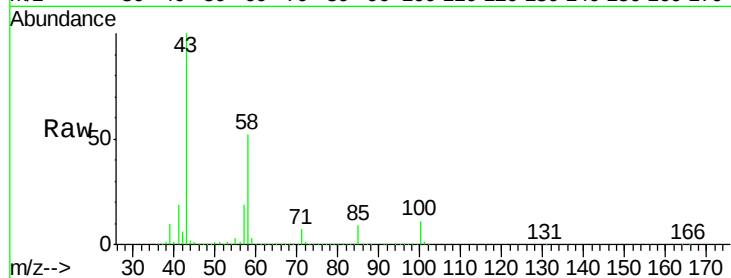




#59
2-Hexanone
Concen: 808.025 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

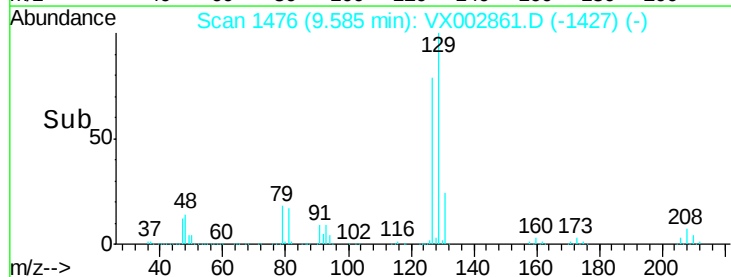
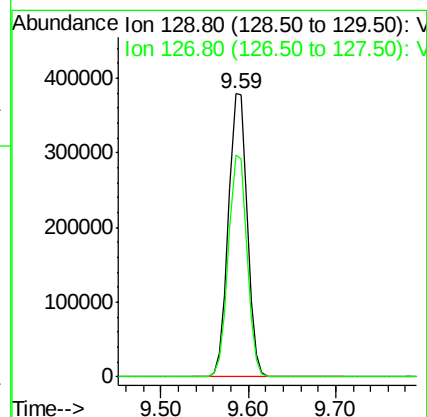
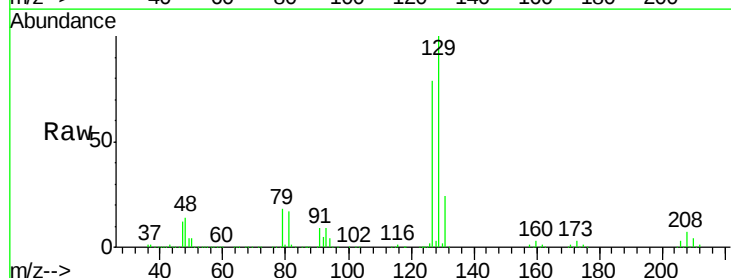
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

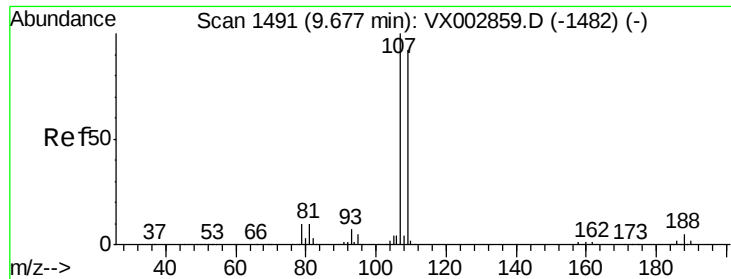
Tgt Ion: 43 Resp: 2845436
Ion Ratio Lower Upper
43 100
58 51.3 24.6 73.6



#60
Dibromochloromethane
Concen: 194.570 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Tgt Ion: 129 Resp: 563395
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 165.905 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

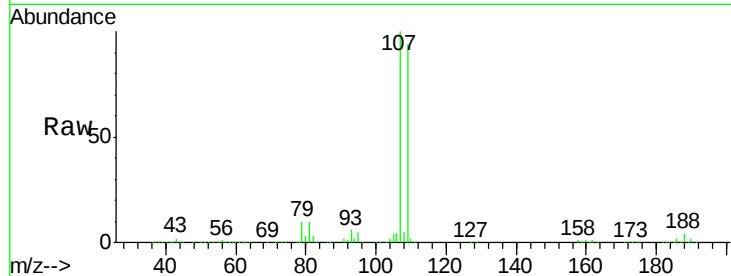
VSTDIC150

Tgt Ion: 107 Resp: 515420

Ion Ratio Lower Upper

107 100

109 94.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

400000

300000

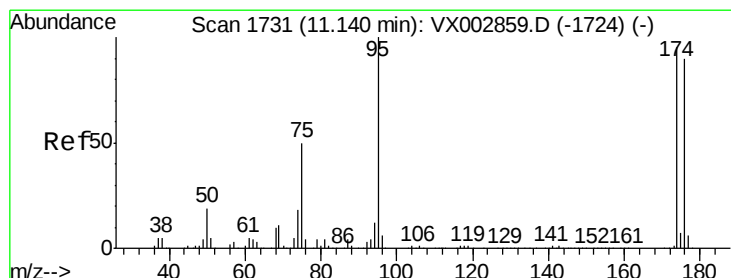
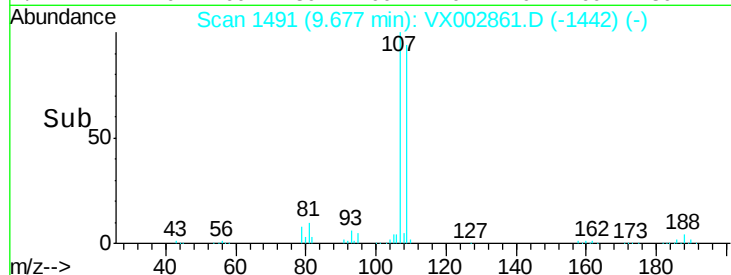
200000

100000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 154.826 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

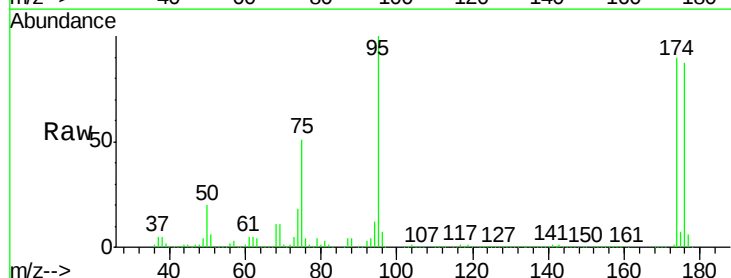
Tgt Ion: 95 Resp: 649708

Ion Ratio Lower Upper

95 100

174 97.5 0.0 187.4

176 94.8 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

11.14

600000

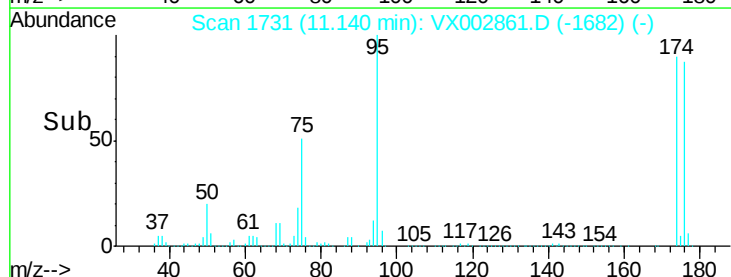
400000

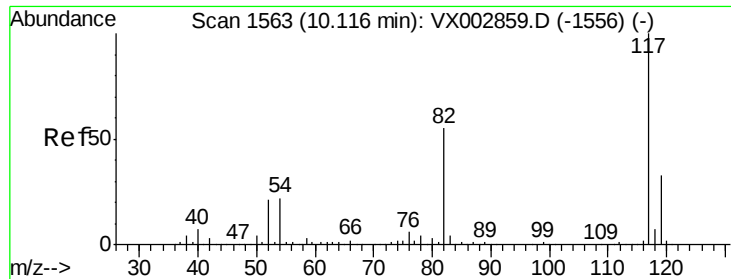
200000

0

Time-->

11.10 11.20

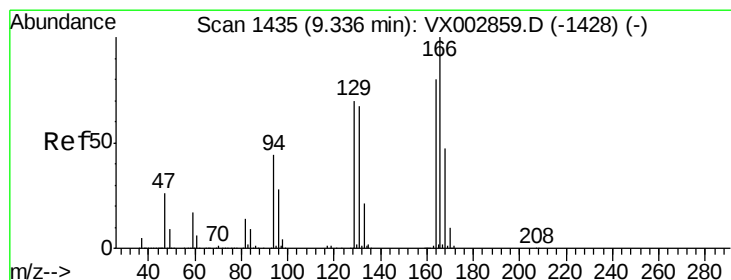
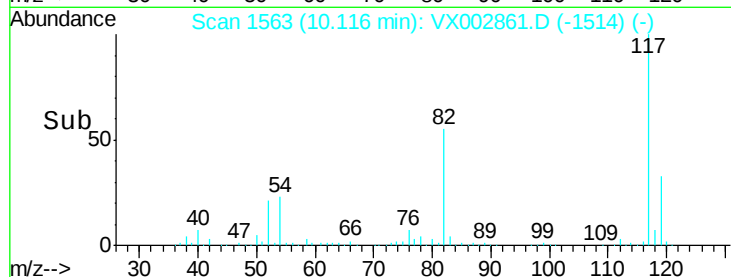
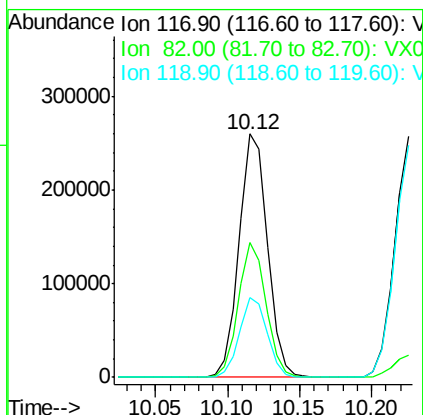
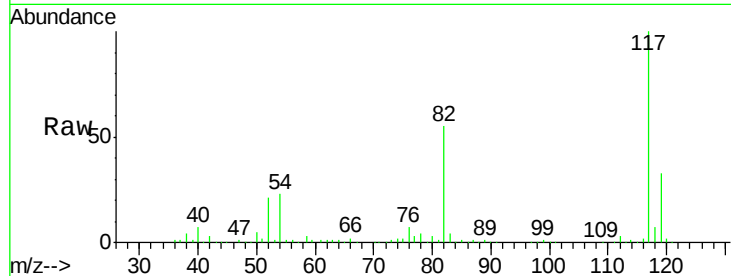




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

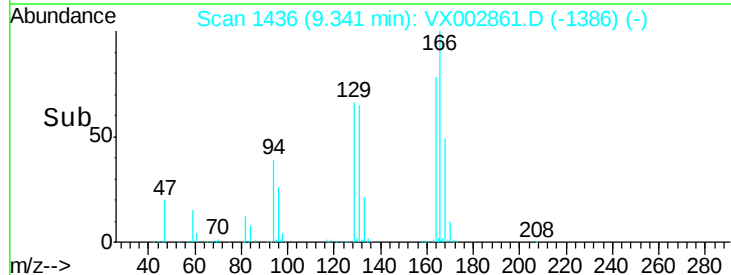
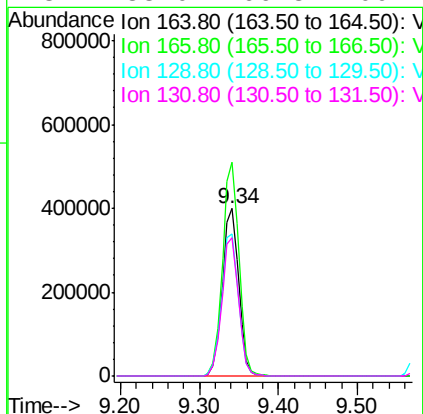
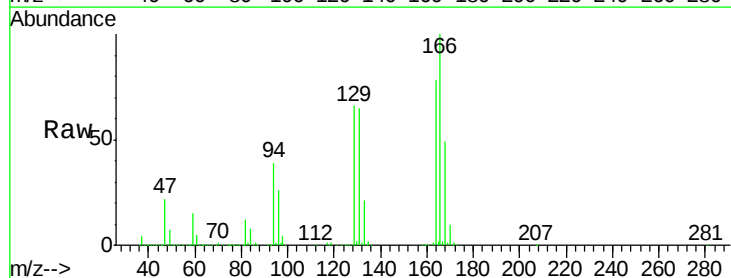
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 356771
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 145.657 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Tgt Ion:164 Resp: 576841
Ion Ratio Lower Upper
164 100
166 127.6 102.9 154.3
129 84.6 68.6 102.8
131 83.0 66.8 100.2





#65

Chlorobenzene

Concen: 155.511 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

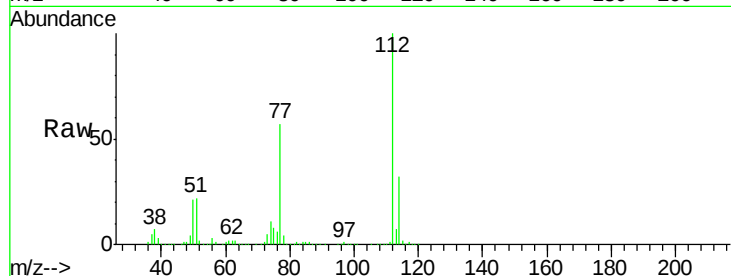
VSTDIC150

Tgt Ion:112 Resp: 1362555

Ion Ratio Lower Upper

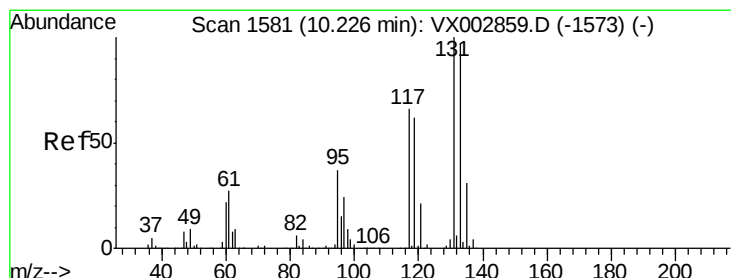
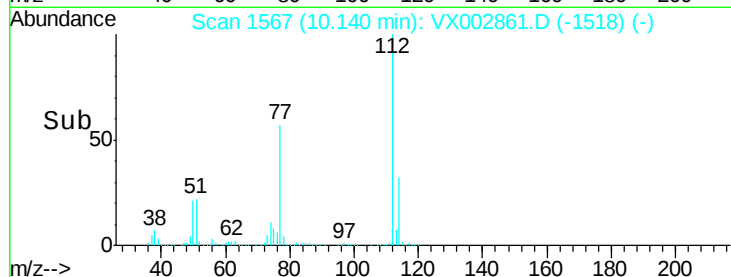
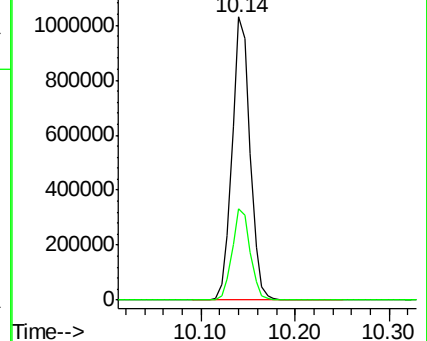
112 100

114 32.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 176.449 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

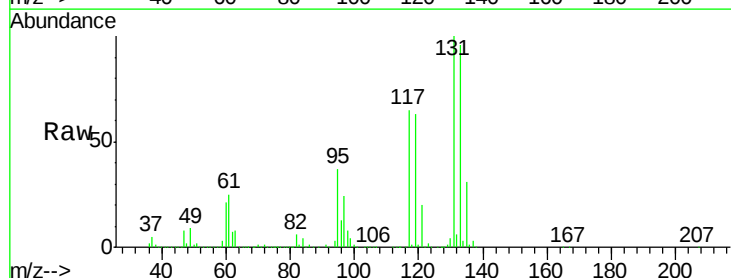
Tgt Ion:131 Resp: 527067

Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

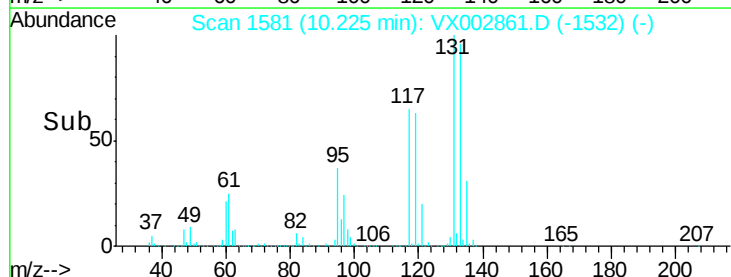
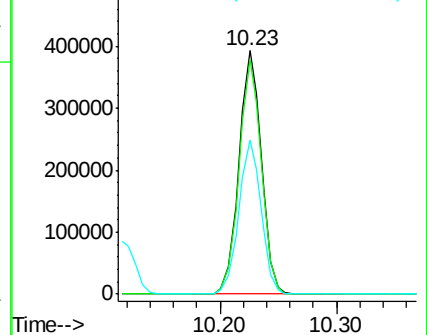
119 62.8 31.8 95.3

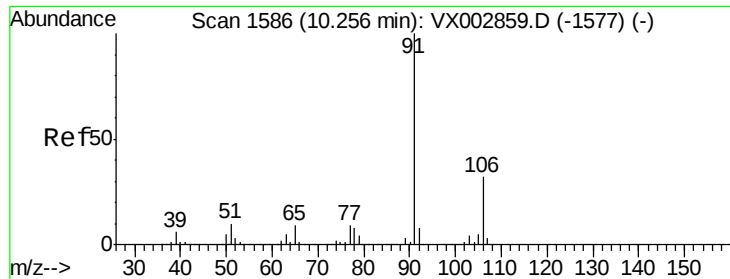


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

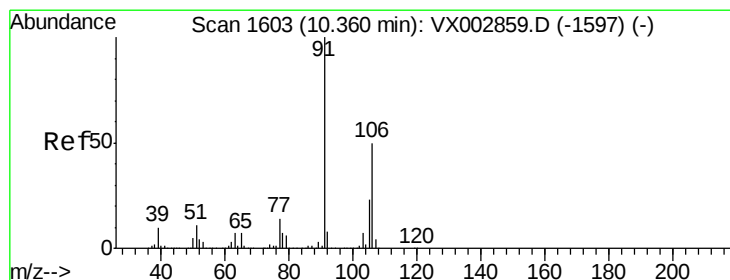
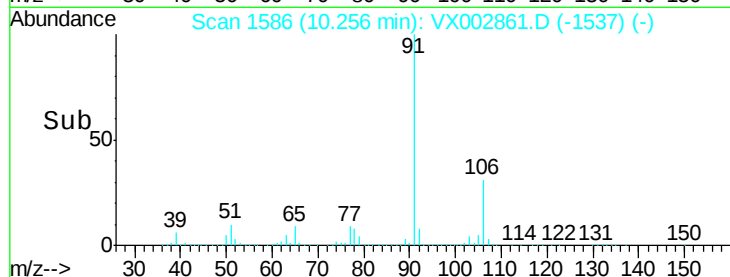
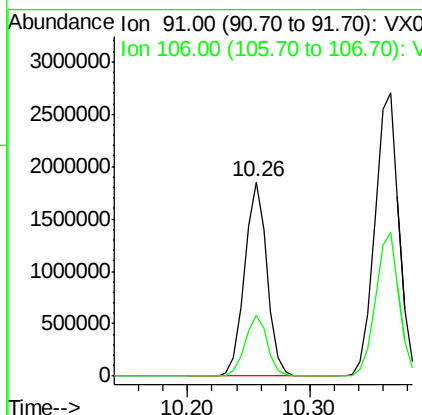
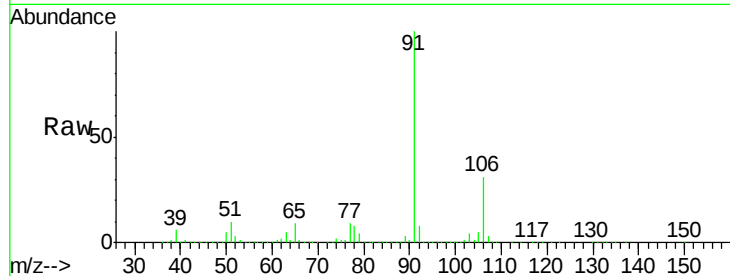




#67
Ethyl Benzene
Concen: 157.974 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

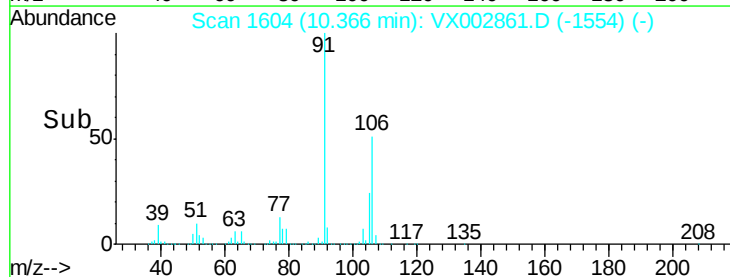
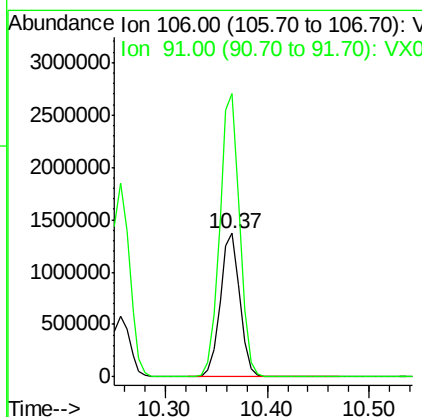
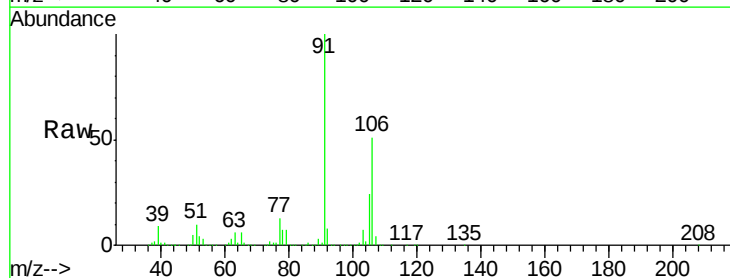
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

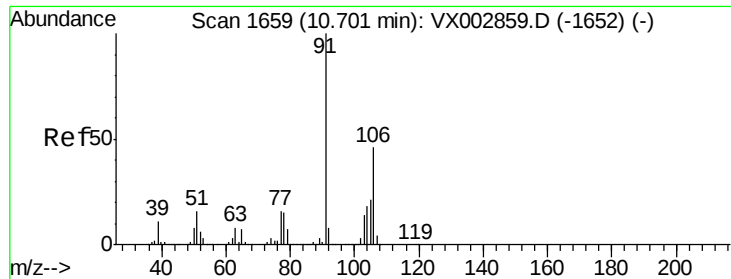
Tgt Ion: 91 Resp: 2334606
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 321.134 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Tgt Ion: 106 Resp: 1830681
Ion Ratio Lower Upper
106 100
91 200.9 163.4 245.2

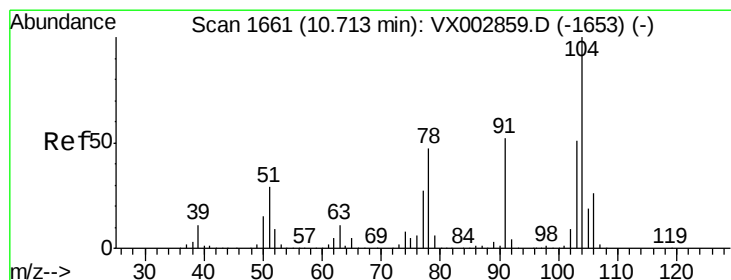
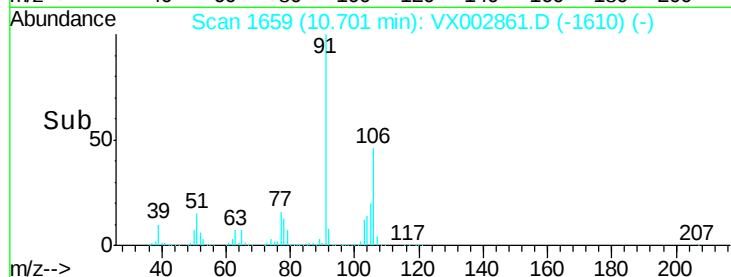
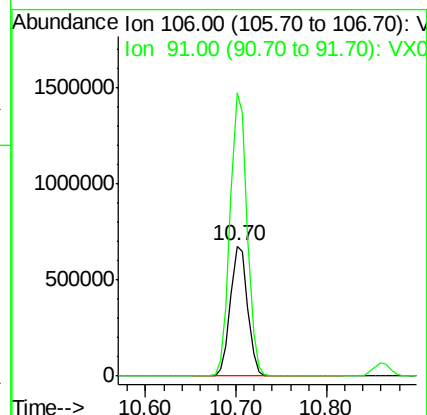
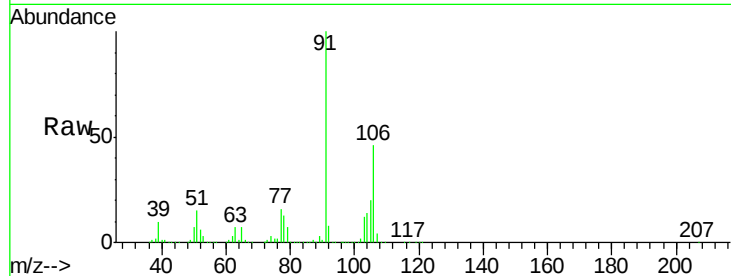




#69
o-Xylene
Concen: 159.777 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

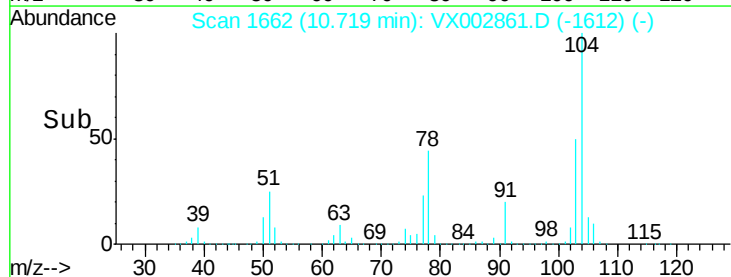
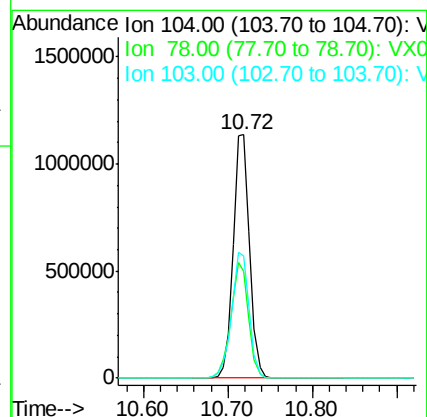
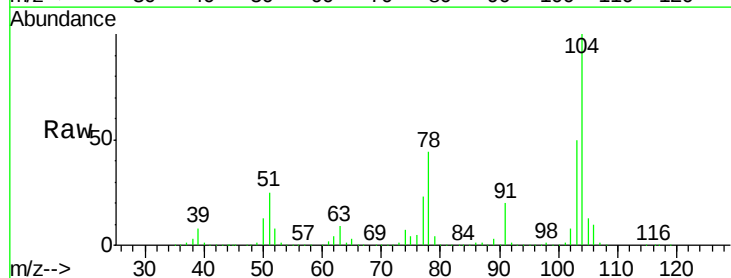
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

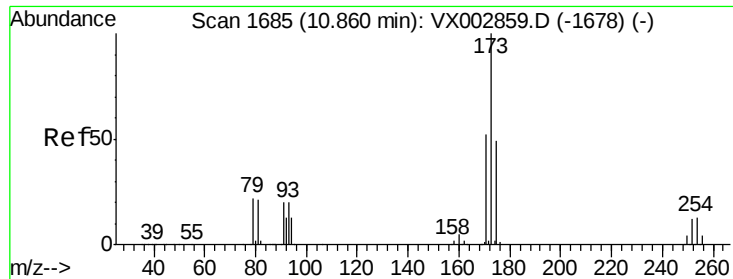
Tgt Ion:106 Resp: 894895
Ion Ratio Lower Upper
106 100
91 214.7 108.2 324.6



#70
Styrene
Concen: 164.437 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Tgt Ion:104 Resp: 1514633
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.6
103 55.8 44.2 66.4





#71

Bromoform

Concen: 216.606 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

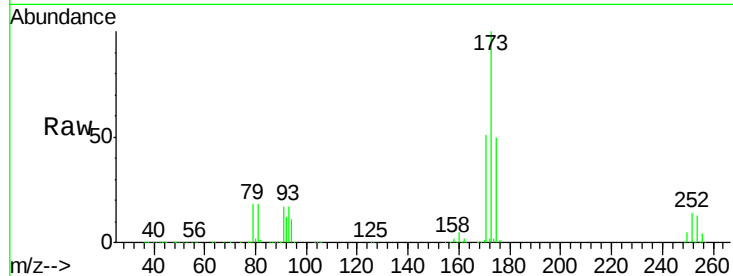
Tgt Ion:173 Resp: 486249

Ion Ratio Lower Upper

173 100

175 49.2 24.7 74.1

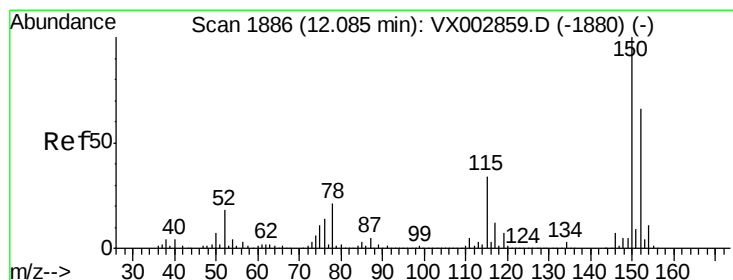
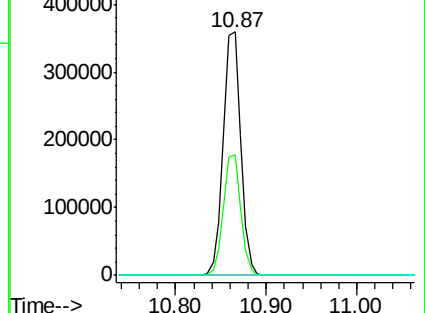
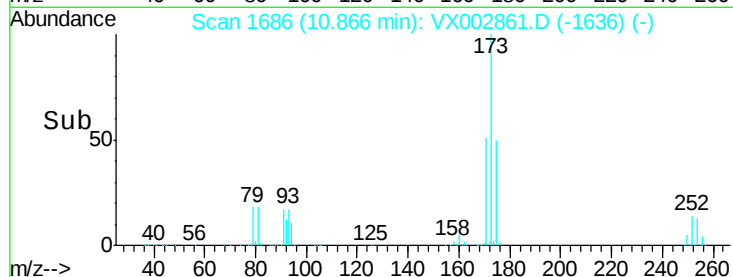
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

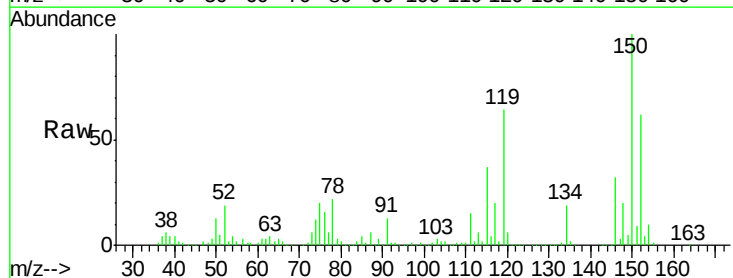
Tgt Ion:152 Resp: 240725

Ion Ratio Lower Upper

152 100

115 130.2 40.1 120.2#

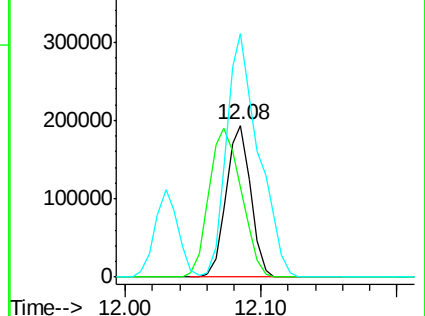
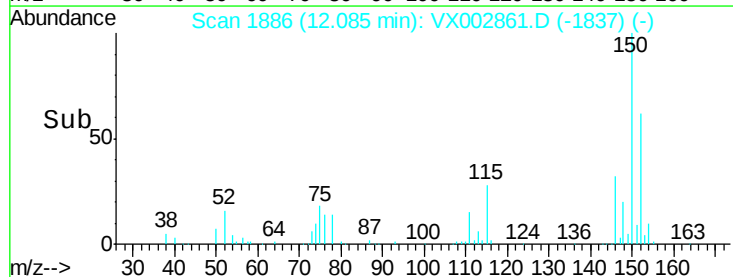
150 212.0 0.0 347.2

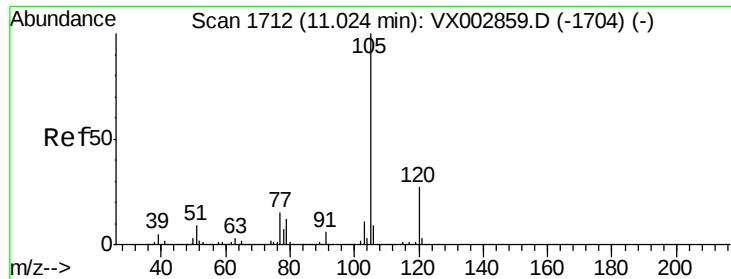


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 152.498 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

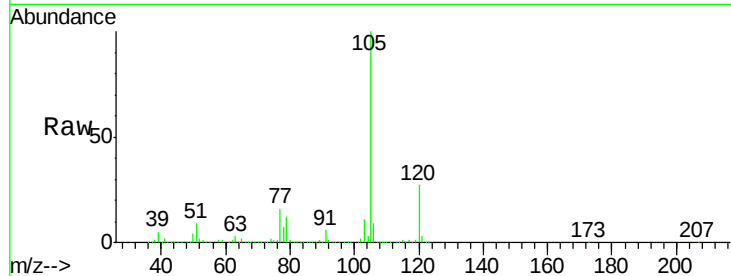
VSTDIC150

Tgt Ion:105 Resp: 2455216

Ion Ratio Lower Upper

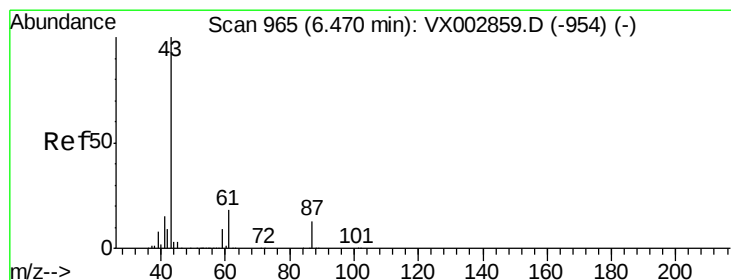
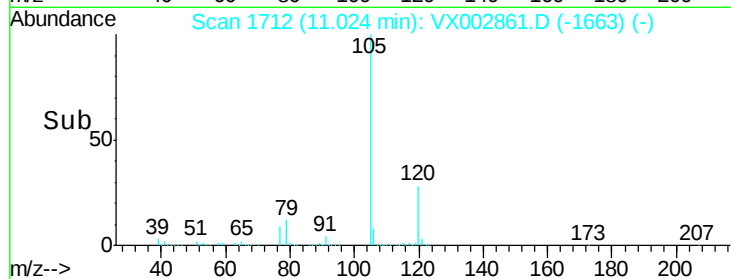
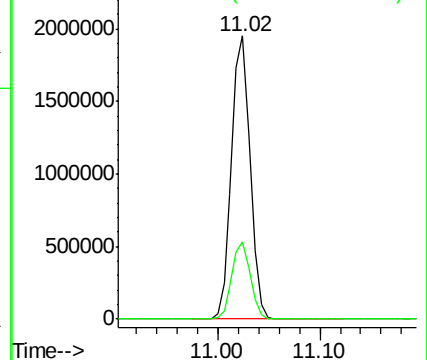
105 100

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-ethyl acetate

Concen: 143.457 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Tgt Ion: 43 Resp: 1147543

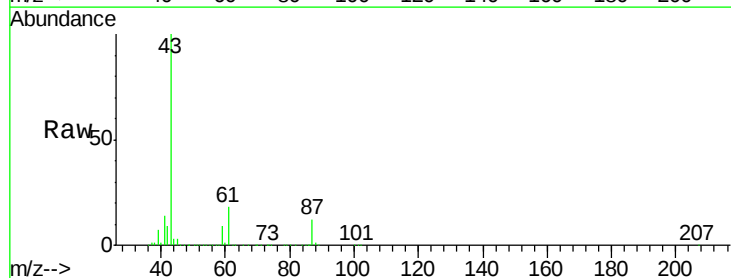
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 18.3 14.4 21.6

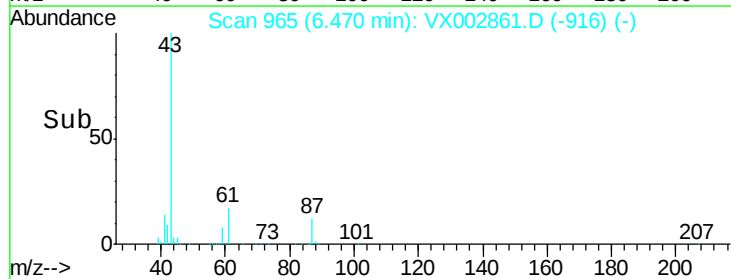
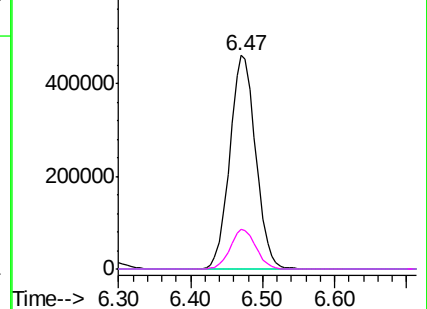


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 156.929 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

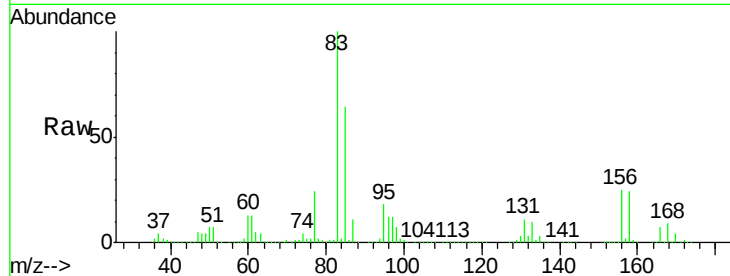
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

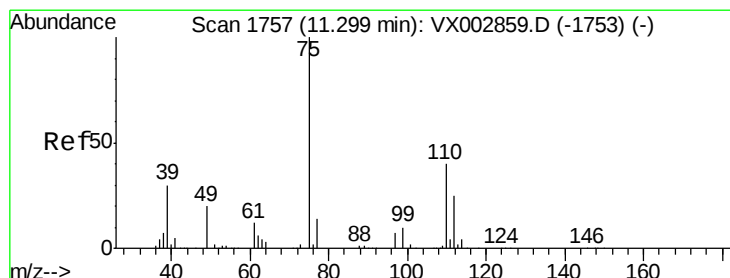
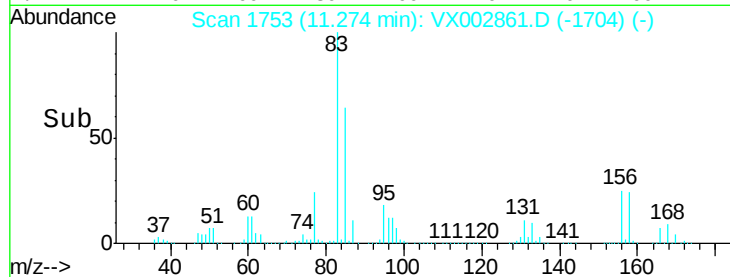
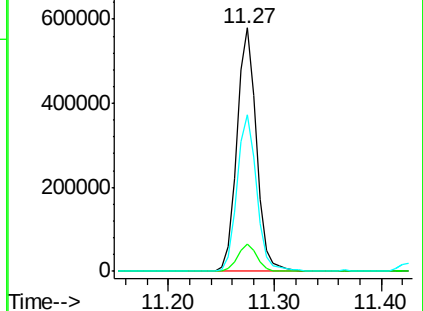
Tgt Ion:	83	Resp:	746115
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.6	16.8
85	64.9	32.4	97.2



Abundance Ion 82.90 (82.60 to 83.60): VX002861.D (-1704) (-)

Ion 130.80 (130.50 to 131.50): VX002861.D (-1704) (-)

Ion 84.90 (84.60 to 85.60): VX002861.D (-1704) (-)



#76

1,2,3-Trichloropropane

Concen: 199.967 ug/l

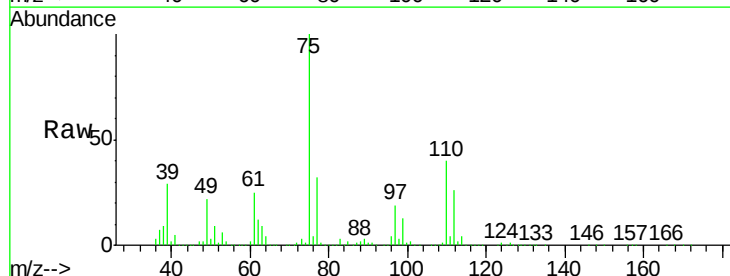
RT: 11.30 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VX002861.D

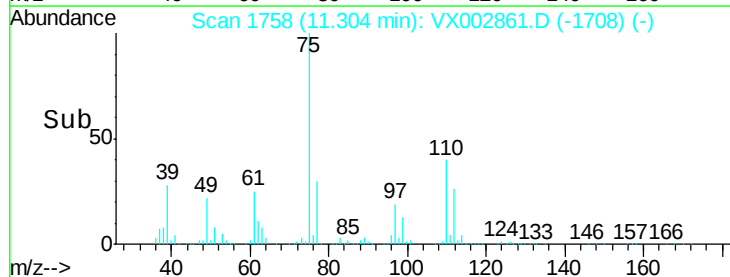
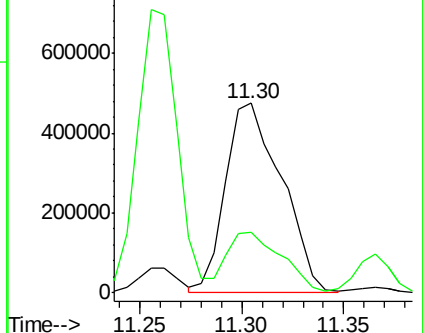
Acq: 25 Jun 2018 13:07

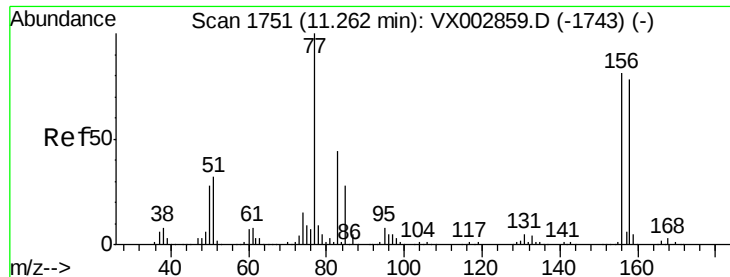
Tgt Ion:	75	Resp:	908343
Ion	Ratio	Lower	Upper
75	100		
77	30.7	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX002861.D (-1708) (-)

Ion 77.00 (76.70 to 77.70): VX002861.D (-1708) (-)





#77

Bromobenzene

Concen: 154.551 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

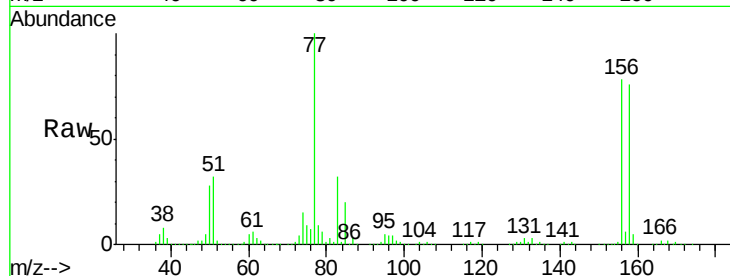
Tgt Ion:156 Resp: 693209

Ion Ratio Lower Upper

156 100

77 137.5 71.4 214.2

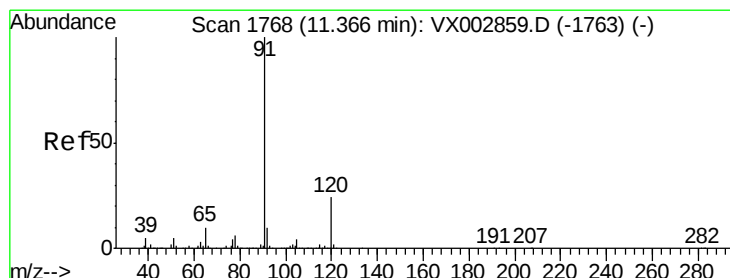
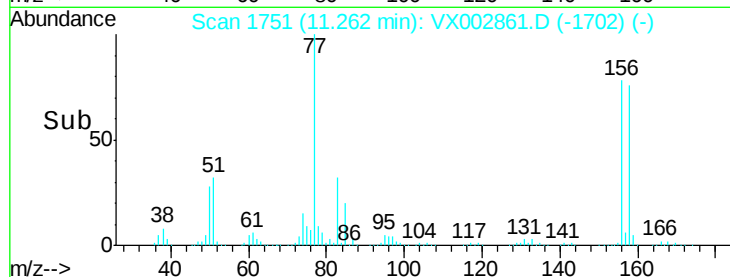
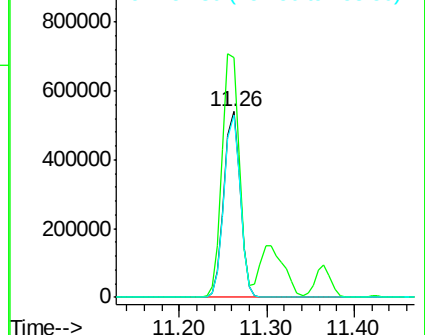
158 97.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 153.090 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002861.D

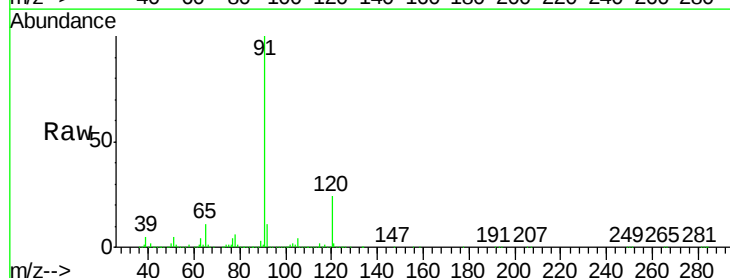
Acq: 25 Jun 2018 13:07

Tgt Ion: 91 Resp: 2826683

Ion Ratio Lower Upper

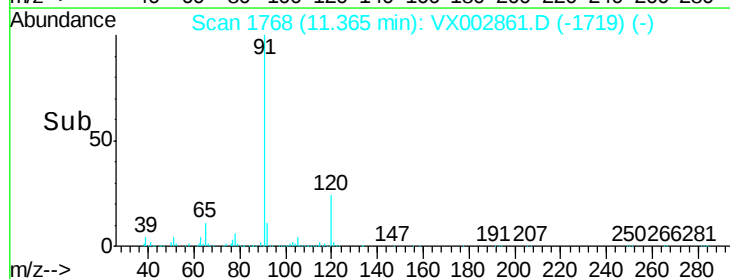
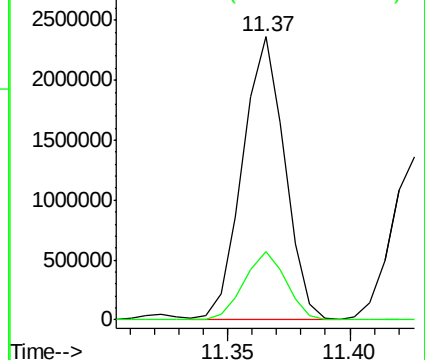
91 100

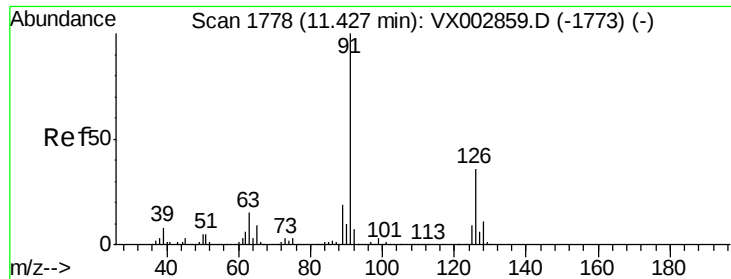
120 24.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 150.529 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

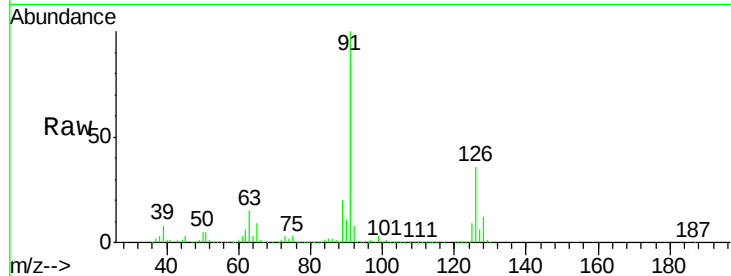
VSTDIC150

Tgt Ion: 91 Resp: 1659443

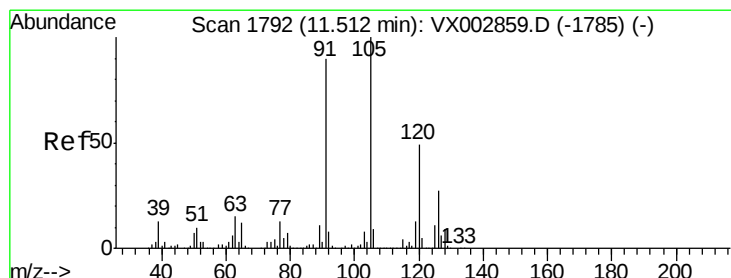
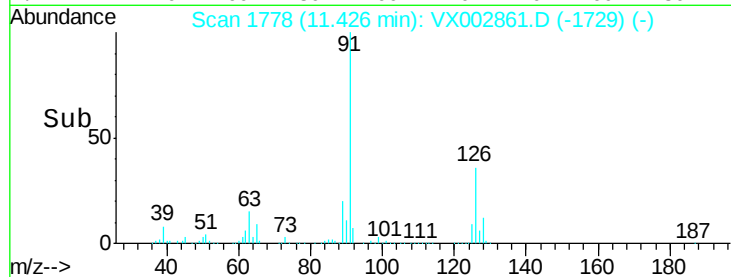
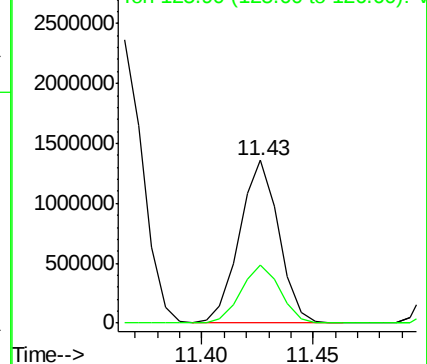
Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 156.223 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002861.D

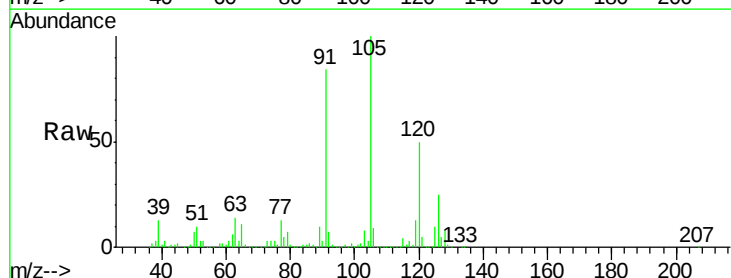
Acq: 25 Jun 2018 13:07

Tgt Ion: 105 Resp: 2125580

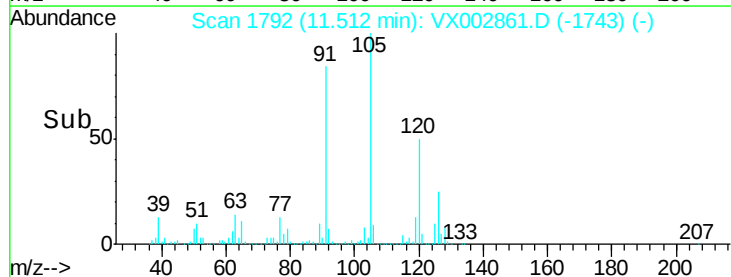
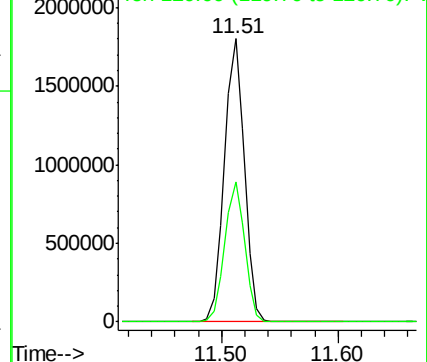
Ion Ratio Lower Upper

105 100

120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 201.564 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

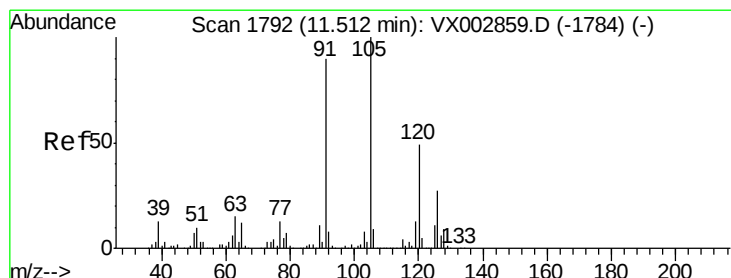
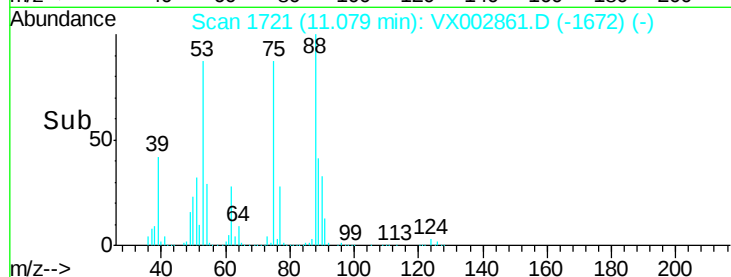
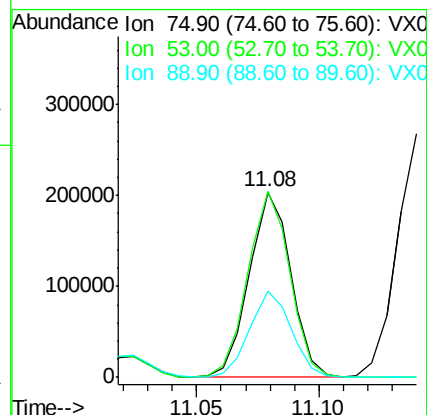
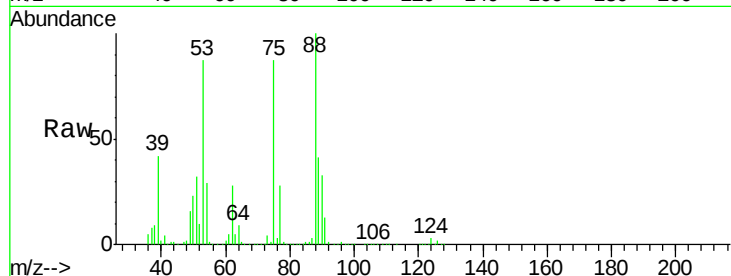
Tgt Ion: 75 Resp: 242017

Ion Ratio Lower Upper

75 100

53 101.3 86.8 130.2

89 47.2 38.2 57.2



#82

4-Chlorotoluene

Concen: 155.545 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX002861.D

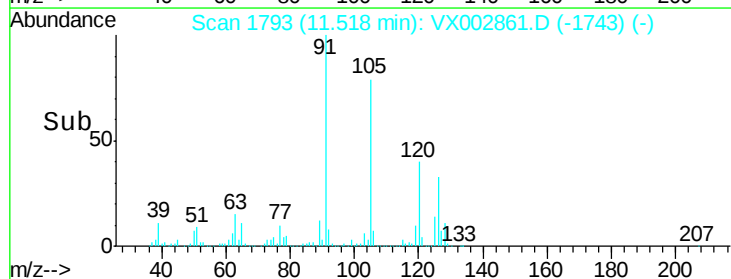
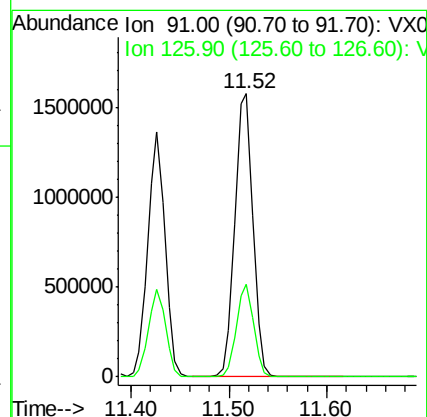
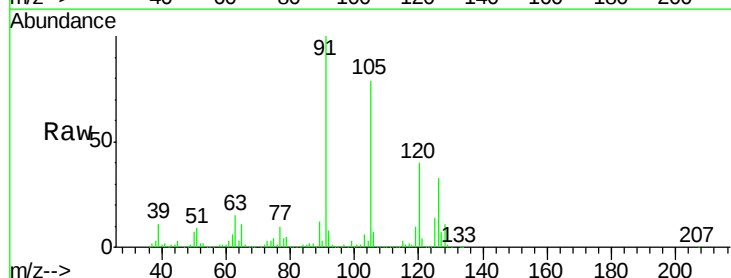
Acq: 25 Jun 2018 13:07

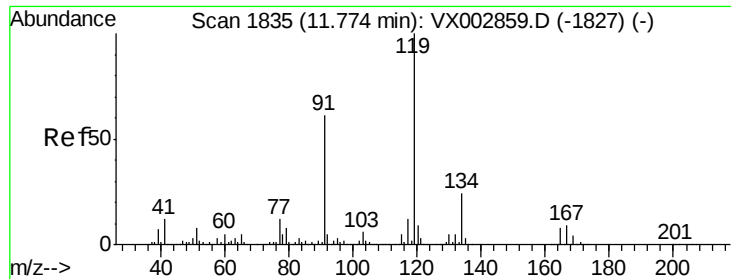
Tgt Ion: 91 Resp: 2023328

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4

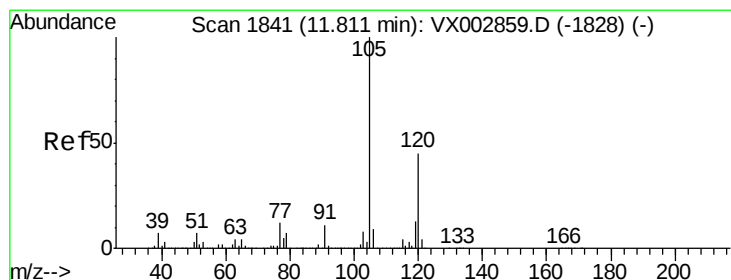
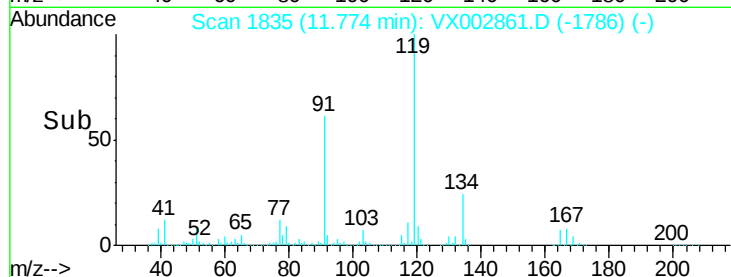
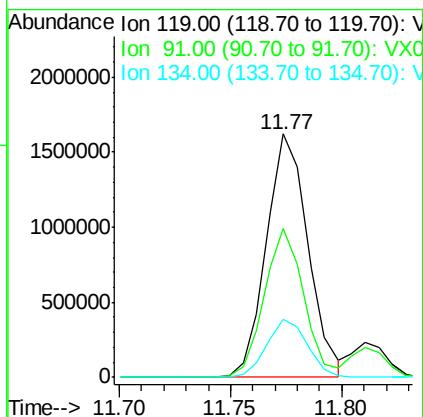
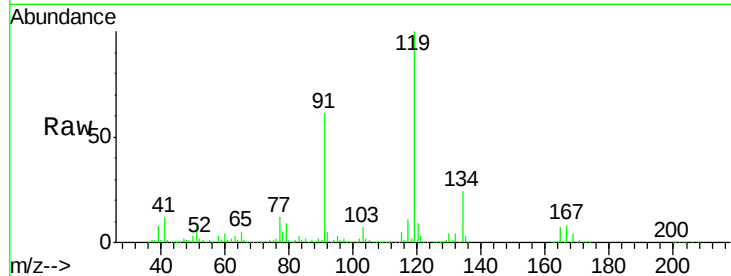




#83
 tert-Butylbenzene
 Concen: 160.731 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

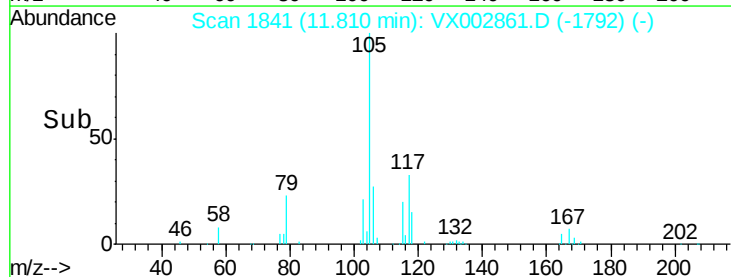
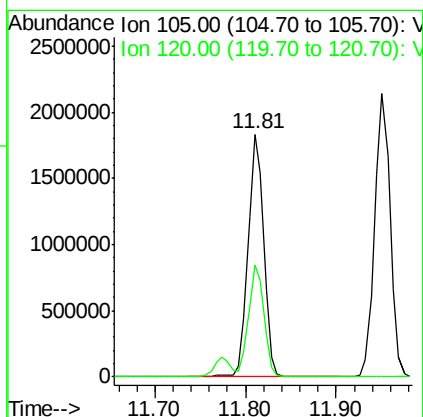
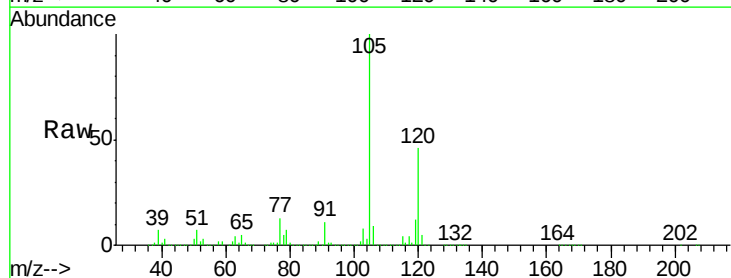
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

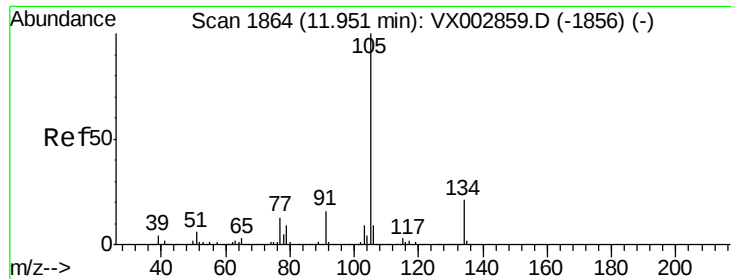
Tgt Ion:119 Resp: 2106774
 Ion Ratio Lower Upper
 119 100
 91 57.8 30.3 90.9
 134 23.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 157.697 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

Tgt Ion:105 Resp: 2189418
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 155.562 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

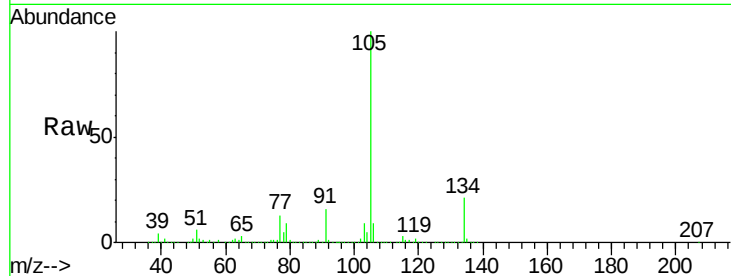
VSTDIC150

Tgt Ion:105 Resp: 2535385

Ion Ratio Lower Upper

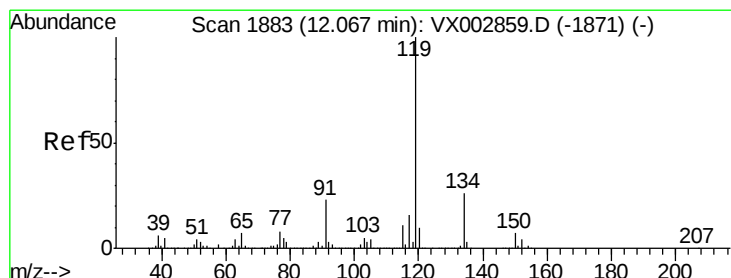
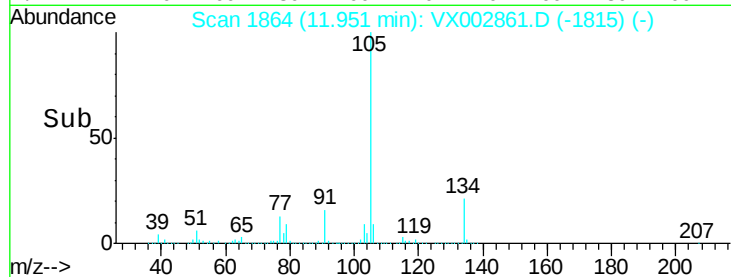
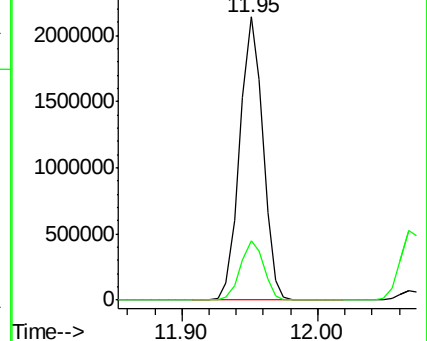
105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 157.859 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

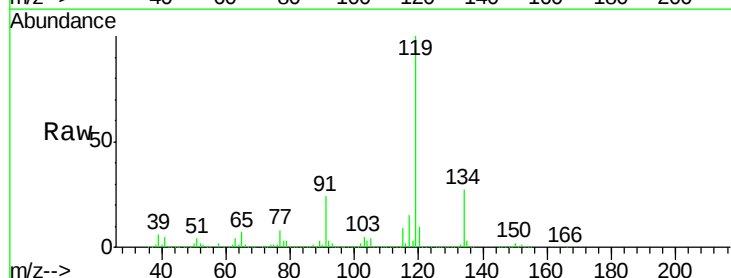
Tgt Ion:119 Resp: 2327913

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

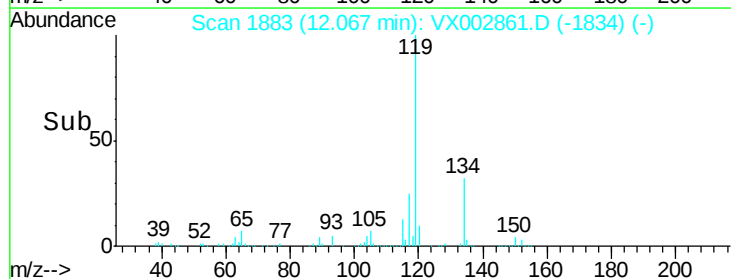
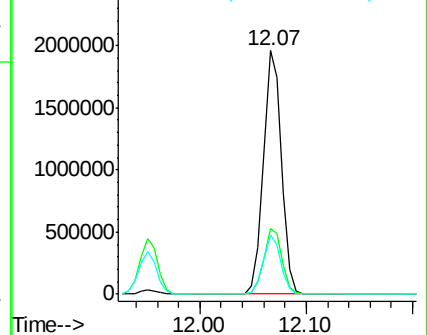
91 23.6 11.9 35.7

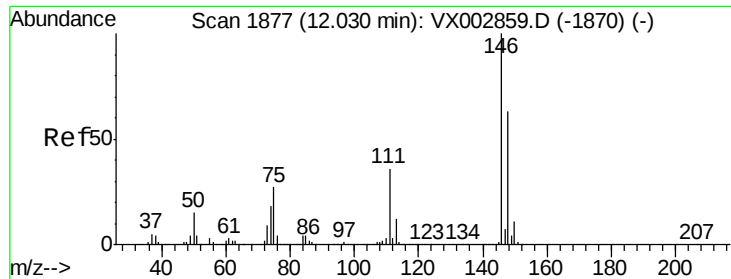


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

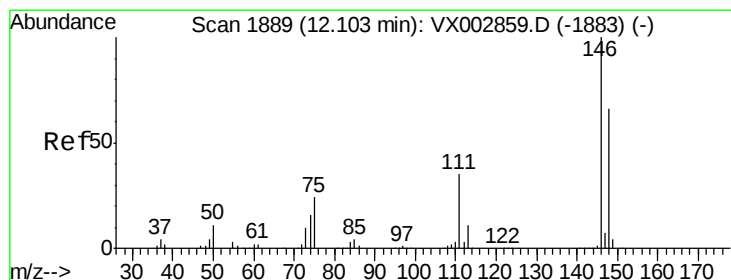
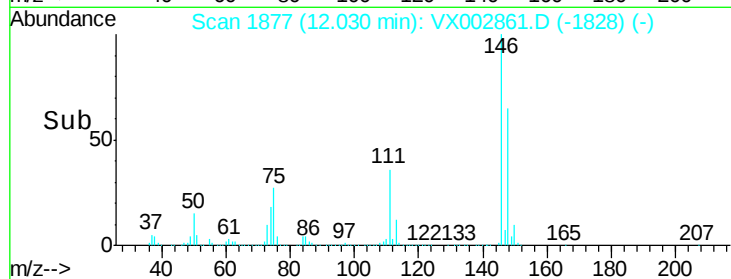
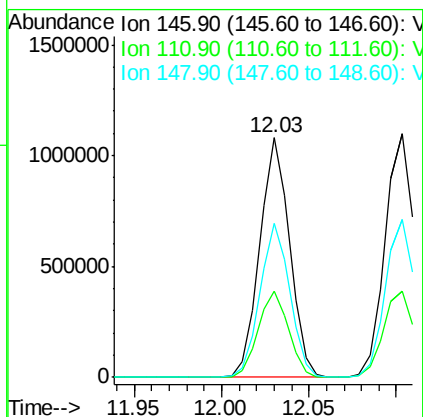
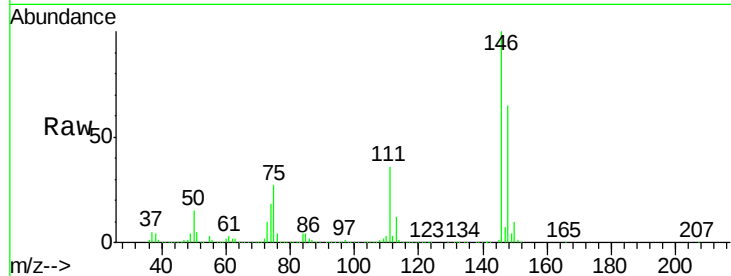




#87
 1,3-Dichlorobenzene
 Concen: 155.989 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

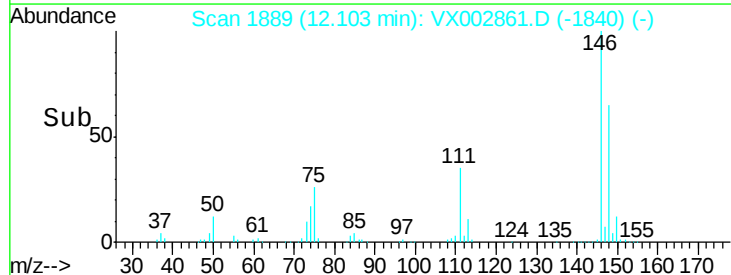
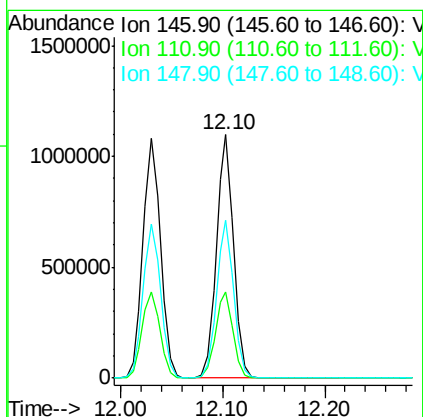
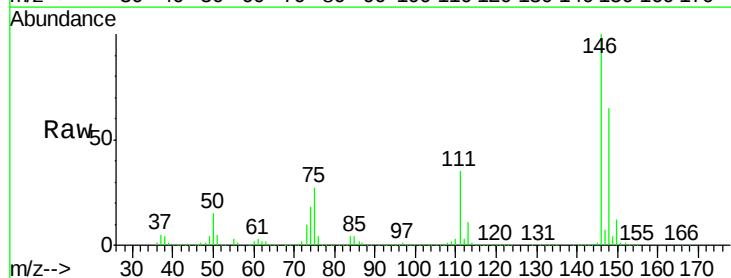
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 1283105
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.9 56.7
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 155.322 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

Tgt Ion:146 Resp: 1299968
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.7 56.1
 148 64.4 32.4 97.0

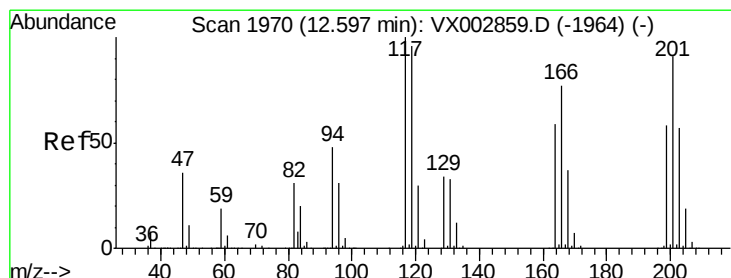
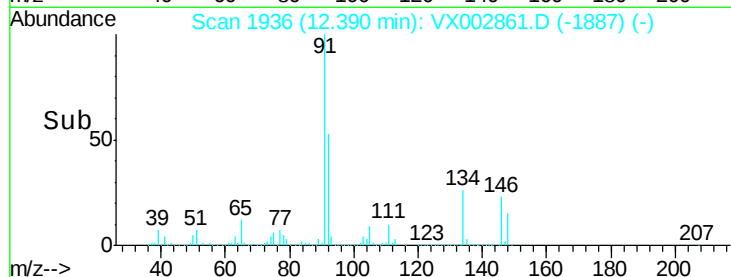
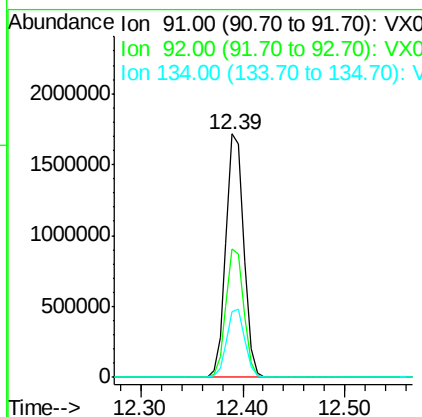
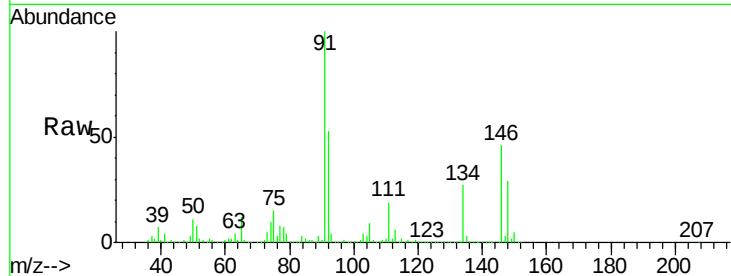




#89
n-Butylbenzene
Concen: 159.985 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

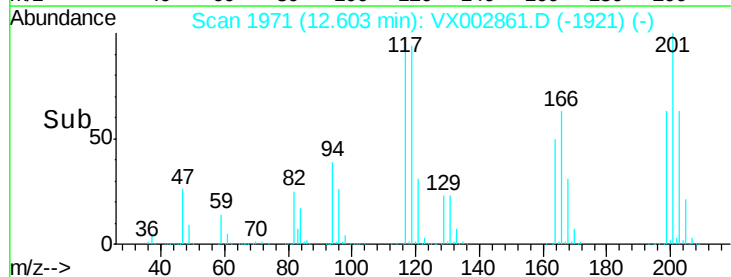
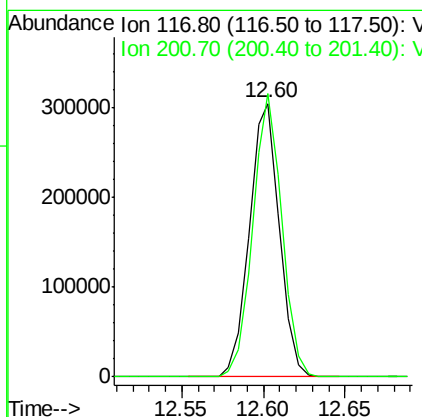
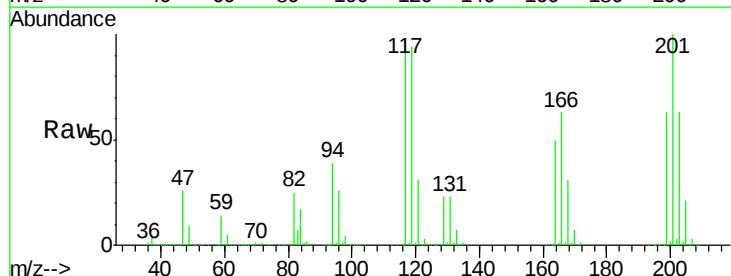
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2081282
Ion Ratio Lower Upper
91 100
92 52.7 26.0 78.0
134 27.9 13.5 40.5



#90
Hexachloroethane
Concen: 191.686 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002861.D
Acq: 25 Jun 2018 13:07

Tgt Ion: 117 Resp: 390150
Ion Ratio Lower Upper
117 100
201 99.8 49.0 147.0

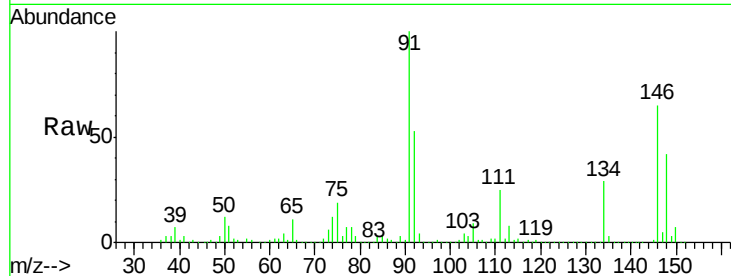




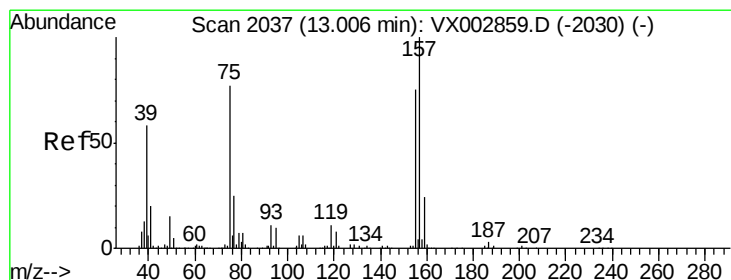
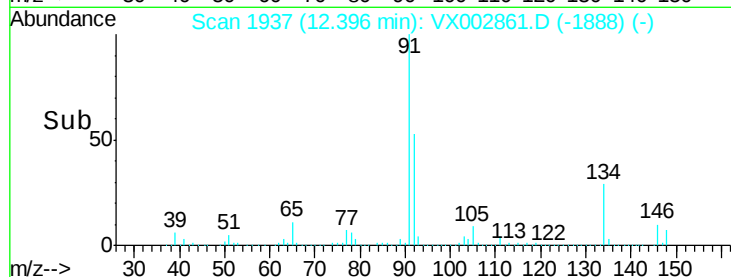
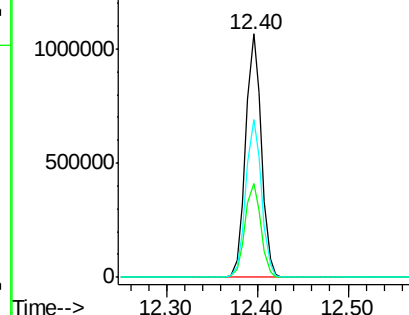
#91
 1,2-Dichlorobenzene
 Concen: 154.514 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tgt Ion:146 Resp: 1279195
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.1
 148 64.4 31.7 95.1

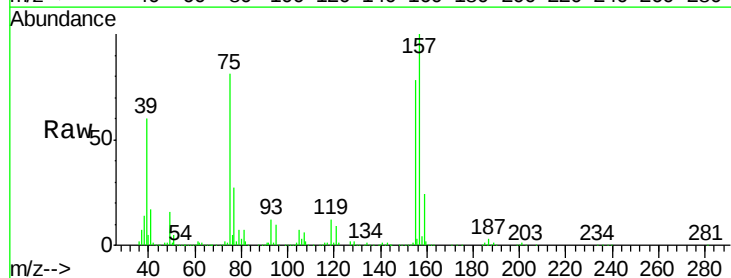


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

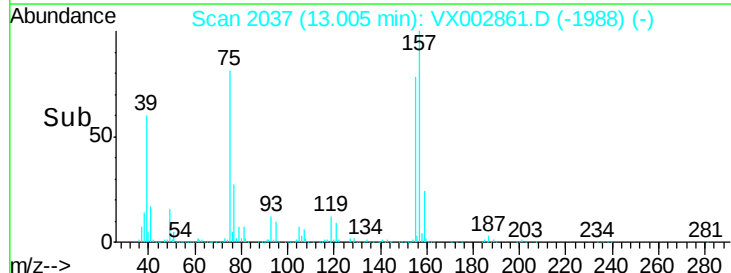
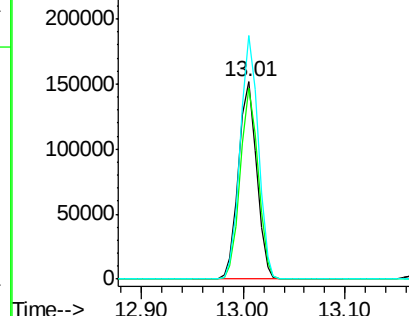


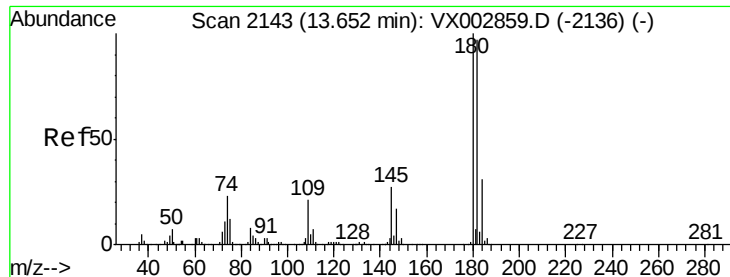
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 186.252 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

Tgt Ion: 75 Resp: 185485
 Ion Ratio Lower Upper
 75 100
 155 95.4 45.8 137.4
 157 122.2 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

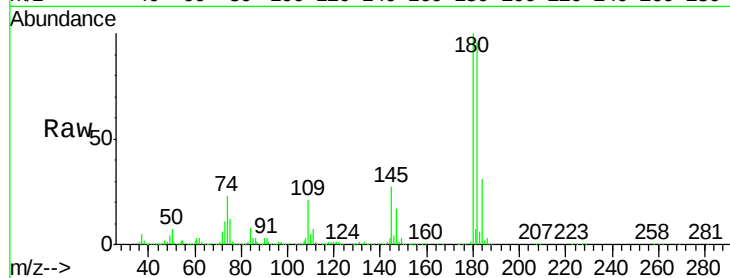




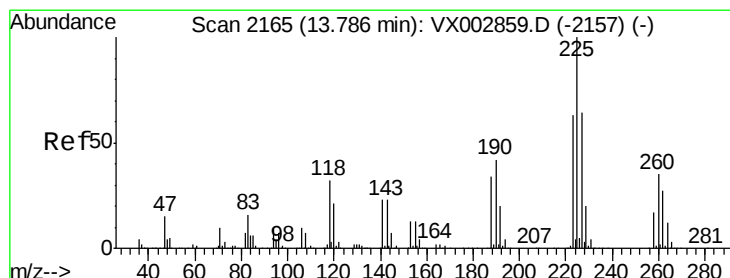
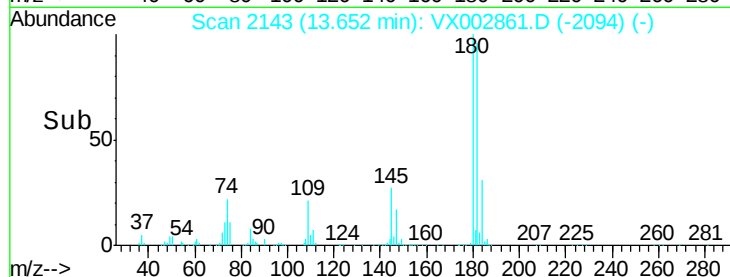
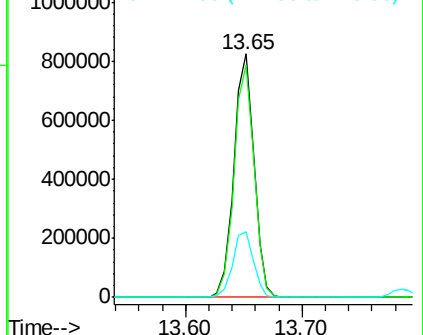
#93
 1,2,4-Trichlorobenzene
 Concen: 164.947 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tgt Ion:180 Resp: 991083
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.7 143.1
 145 28.0 14.1 42.4

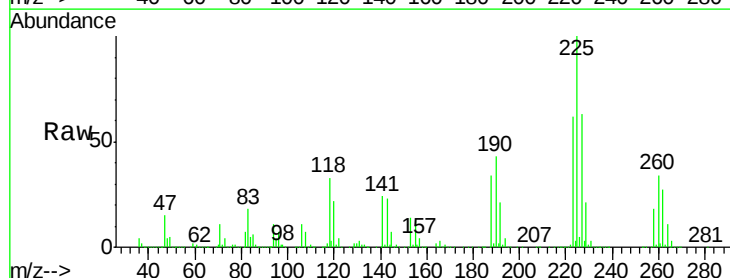


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

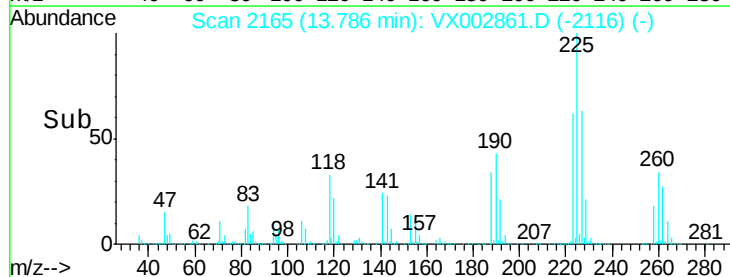
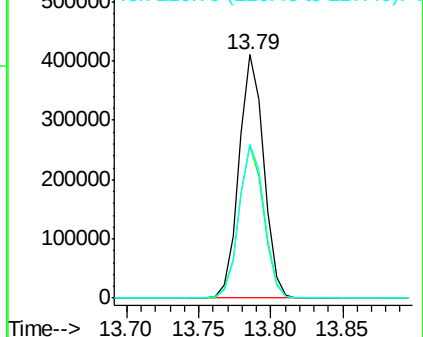


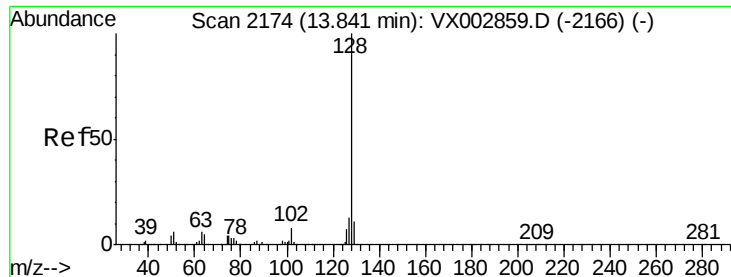
#94
 Hexachlorobutadiene
 Concen: 155.040 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002861.D
 Acq: 25 Jun 2018 13:07

Tgt Ion:225 Resp: 490720
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.6 95.0
 227 64.1 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: 166.483 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

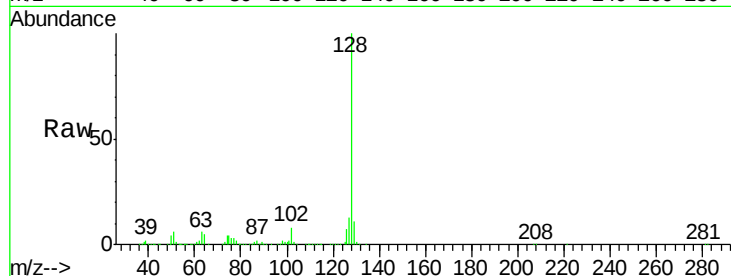
Tgt Ion:128 Resp: 2691742

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

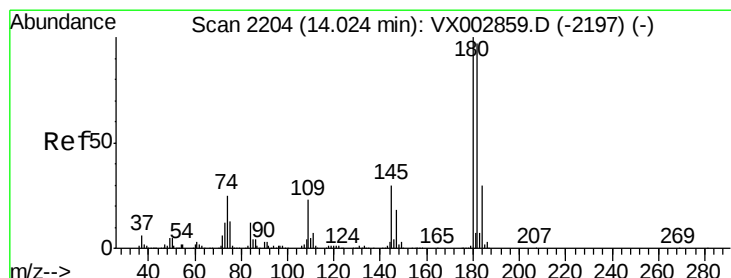
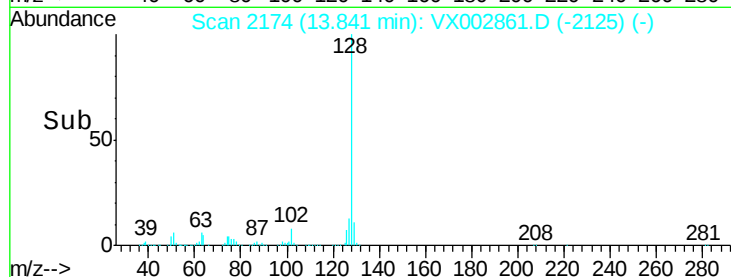
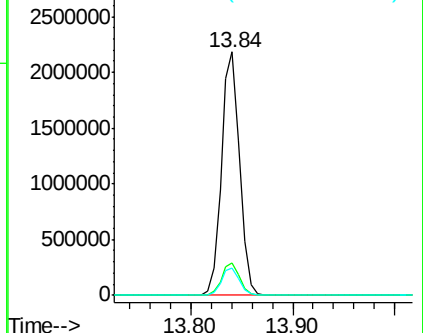
129 11.1 8.6 13.0



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: 162.173 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002861.D

Acq: 25 Jun 2018 13:07

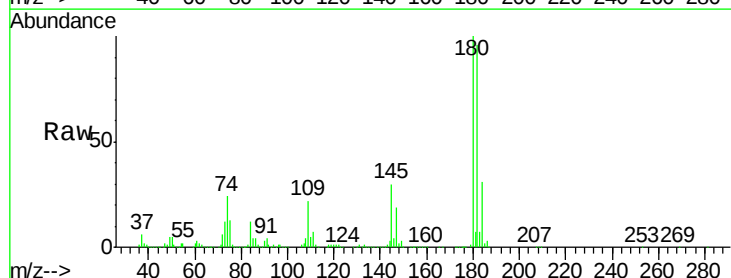
Tgt Ion:180 Resp: 978658

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.0

145 29.9 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

