

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
 Data File : VX003653.D
 Acq On : 25 Jul 2018 12:18
 Operator : JC/SP
 Sample : J4086-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1513

Quant Time: Jul 27 04:32:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	159424	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	155512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98400	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	90475	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	5.50	113	74367	57.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.12%	
50) Toluene-d8	8.72	98	268361	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
62) 4-Bromofluorobenzene	11.14	95	89106	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds						Qvalue
3) Chloromethane	1.32	50	66204	38.240	ug/l	99
4) Vinyl Chloride	1.40	62	63909	36.092	ug/l	98
5) Bromomethane	1.64	94	77651	90.816	ug/l	94
6) Chloroethane	1.73	64	99027	101.567	ug/l	98
7) Trichlorofluoromethane	1.93	101	155403	68.180	ug/l	97
10) Methyl Iodide	2.51	142	3983	5.146	ug/l	99
11) Tert butyl alcohol	3.17	59	3203	7.839	ug/l #	72
13) Acrolein	2.30	56	90	4.461	ug/l	86
16) Acetone	2.45	43	767	0.955	ug/l #	71
18) Methyl Acetate	2.78	43	2441	1.006	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	112922	23.954	ug/l	98
20) Methylene Chloride	2.85	84	1160	0.729	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	64956	45.257	ug/l	99
24) 1,1-Dichloroethane	3.70	63	195456	68.262	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	180046	115.537	ug/l	85
28) Bromochloromethane	5.21	49	6876	5.984	ug/l #	13
29) Tetrahydrofuran	5.17	42	382	0.473	ug/l #	35
30) Chloroform	5.21	83	88187	33.956	ug/l	98
31) Cyclohexane	5.67	56	2228	0.969	ug/l #	1
32) 1,1,1-Trichloroethane	5.49	97	34121	15.820	ug/l	96
36) 1,1-Dichloropropene	5.66	75	8354	4.483	ug/l #	49
38) Carbon Tetrachloride	5.67	117	10763	5.992	ug/l #	14
39) Methylcyclohexane	7.52	83	760	0.371	ug/l #	22
42) 1,2-Dichloroethane	6.20	62	250893	129.262	ug/l	99
44) Trichloroethene	7.21	130	37409	25.301	ug/l	96
45) 1,2-Dichloropropane	7.52	63	125378	87.955	ug/l	99
47) Bromodichloromethane	7.90	83	166893	97.205	ug/l	99
48) Methyl methacrylate	7.52	41	66153	39.880	ug/l #	30
49) 1,4-Dioxane	7.90	88	163	4.404	ug/l #	22
51) 4-Methyl-2-Pentanone	8.65	43	258479	117.193	ug/l	98
52) Toluene	8.79	92	128234	37.410	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	117308	61.710	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	211900	101.299	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.25	63	406	0.387	ug/l #	48

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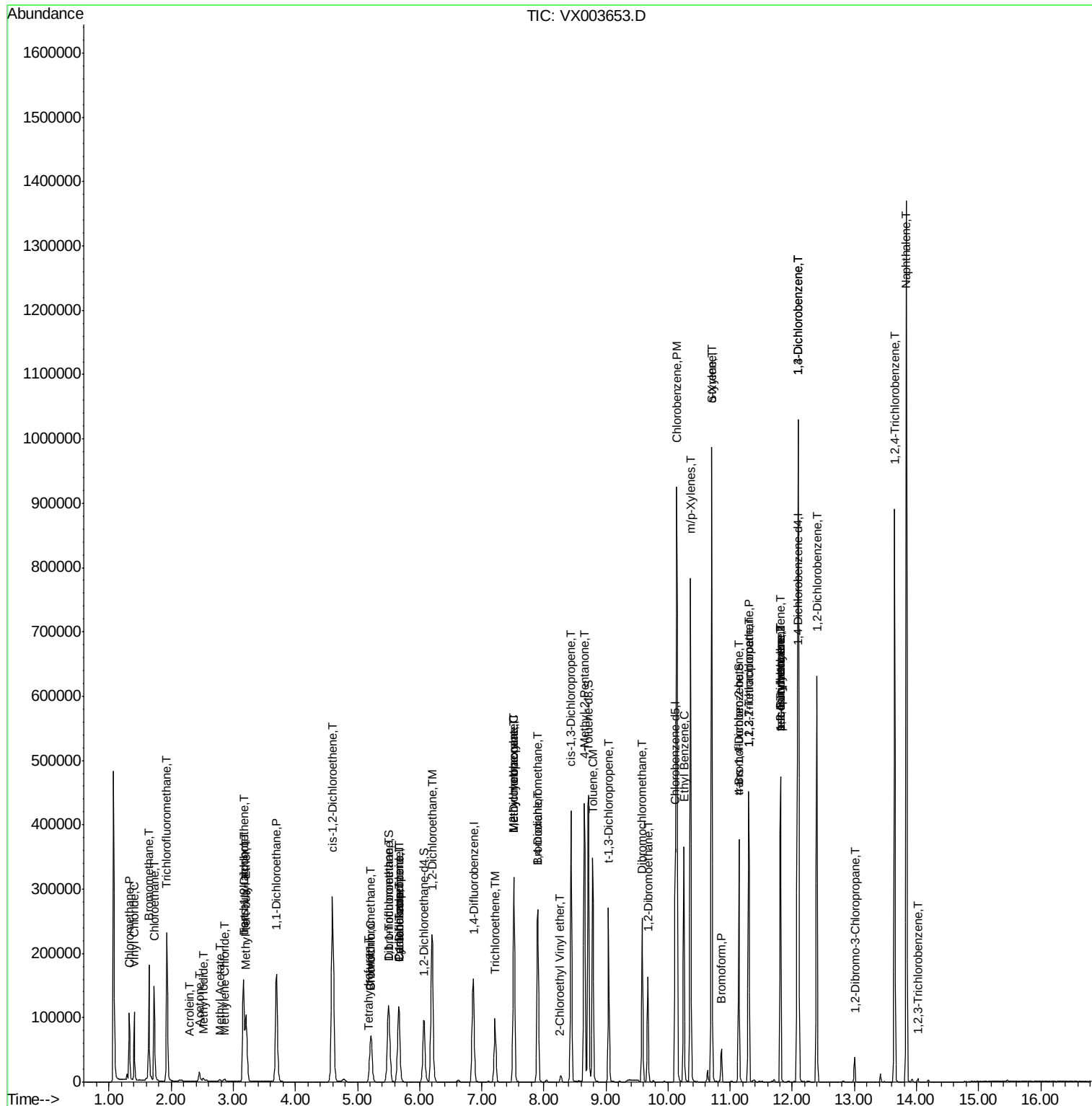
60) Dibromochloromethane	9.59	129	107178	80.646	ug/l	100
61) 1,2-Dibromoethane	9.68	107	89888	61.609	ug/l	99
65) Chlorobenzene	10.14	112	387524	99.017	ug/l	100
67) Ethyl Benzene	10.26	91	211804	32.331	ug/l	100
68) m/p-Xylenes	10.36	106	184865	73.557	ug/l	99
69) o-Xylene	10.70	106	208098	86.010	ug/l	98
70) Styrene	10.70	104	10484	2.580	ug/l #	1
71) Bromoform	10.86	173	18542	17.234	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.30	83	3753	1.512	ug/l #	94
76) 1,2,3-Trichloropropane	11.30	75	138915	67.307	ug/l	83
81) trans-1,4-Dichloro-2-buten	11.14	75	45946	68.973	ug/l #	11
83) tert-Butylbenzene	11.81	119	24494	4.401	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.81	105	196959	33.692	ug/l	100
85) sec-Butylbenzene	11.81	105	196959	29.649	ug/l #	57
86) p-Isopropyltoluene	11.81	119	24381	4.089	ug/l #	15
87) 1,3-Dichlorobenzene	12.10	146	319412	93.927	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	319412	90.342	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	205958	59.278	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	7146	13.827	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	237297	95.716	ug/l	100
95) Naphthalene	13.83	128	843093	112.436	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1555	0.617	ug/l	99

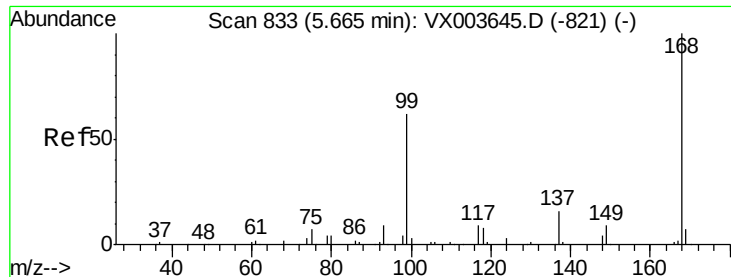
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

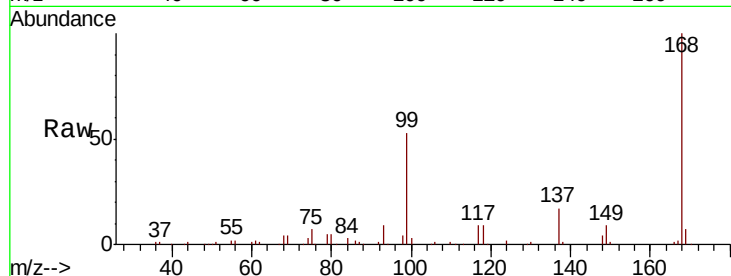
1513

Tgt Ion:168 Resp: 115398

Ion Ratio Lower Upper

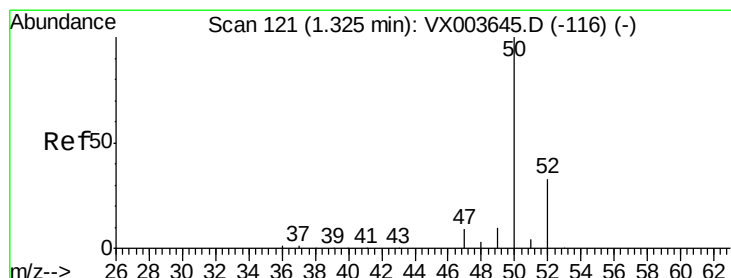
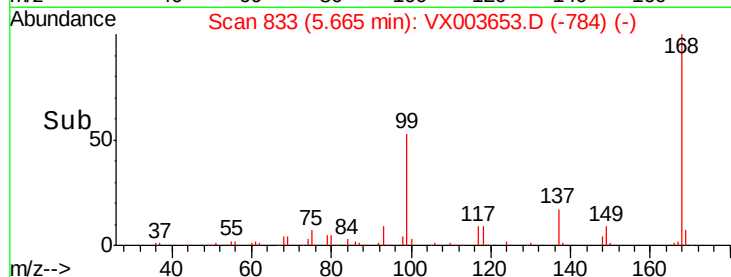
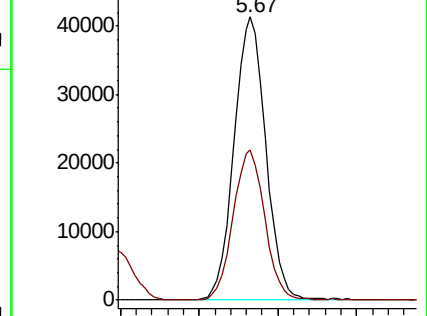
168 100

99 53.2 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 38.240 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003653.D

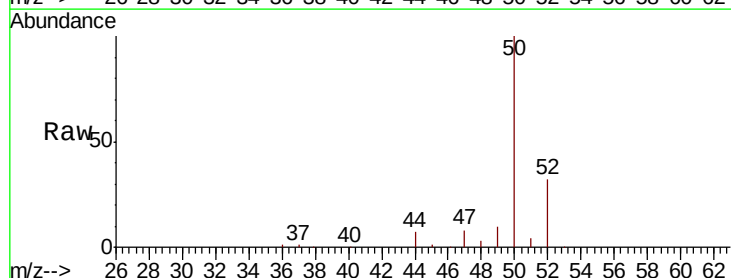
Acq: 25 Jul 2018 12:18

Tgt Ion: 50 Resp: 66204

Ion Ratio Lower Upper

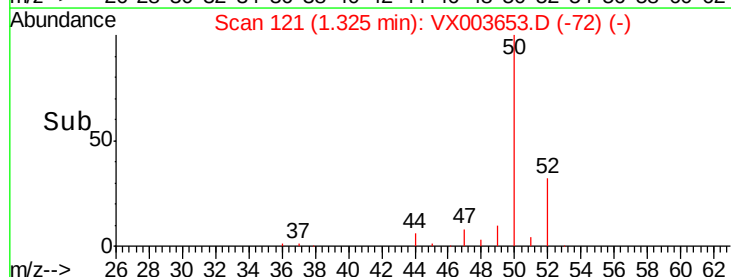
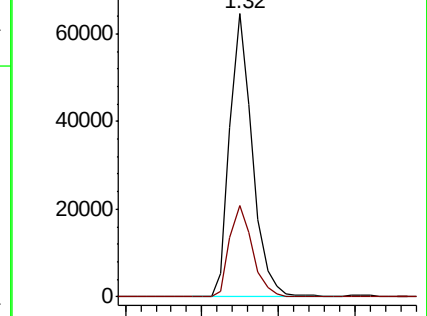
50 100

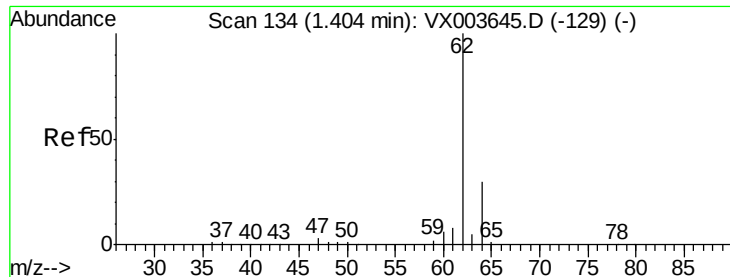
52 32.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 36.092 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

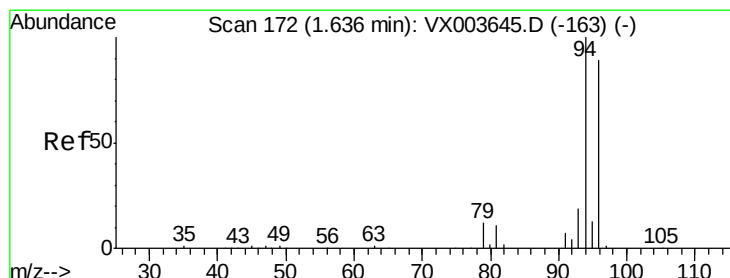
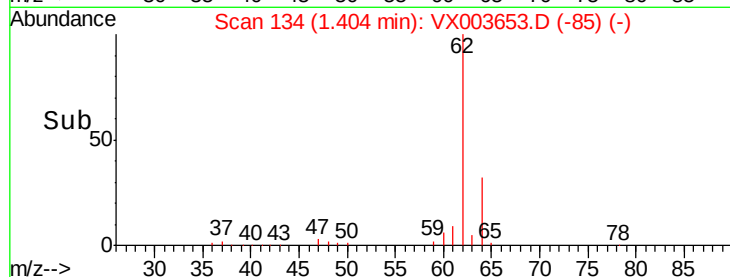
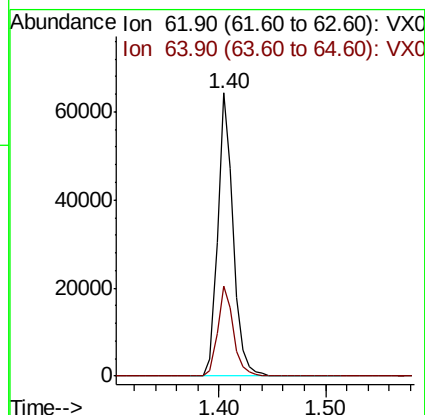
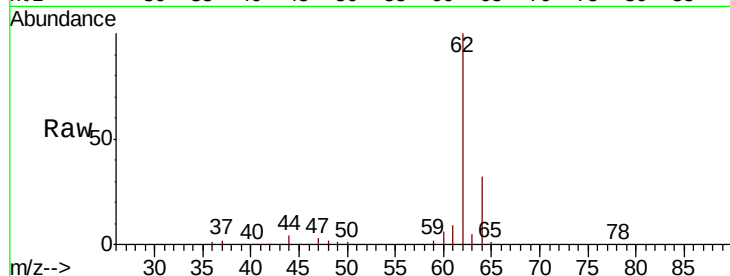
1513

Tgt Ion: 62 Resp: 63909

Ion Ratio Lower Upper

62 100

64 31.8 24.4 36.6



#5

Bromomethane

Concen: 90.816 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003653.D

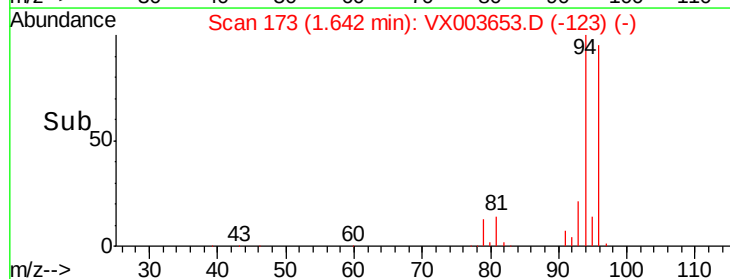
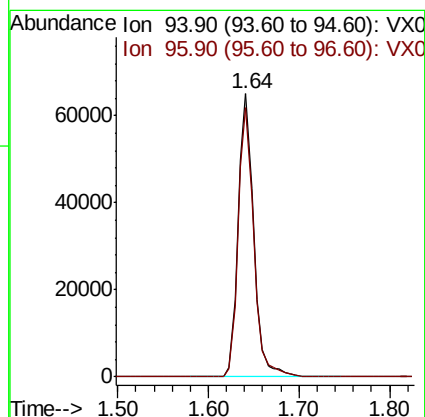
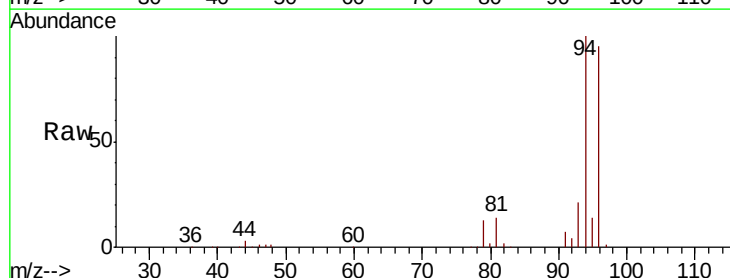
Acq: 25 Jul 2018 12:18

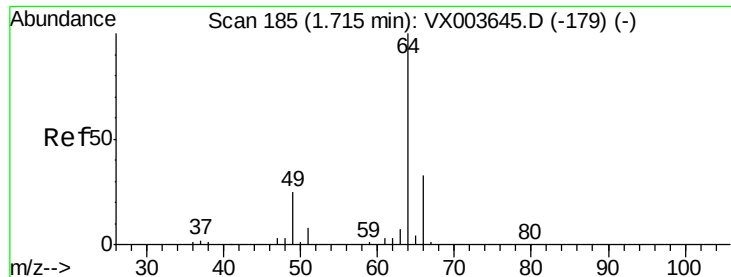
Tgt Ion: 94 Resp: 77651

Ion Ratio Lower Upper

94 100

96 95.1 71.3 106.9

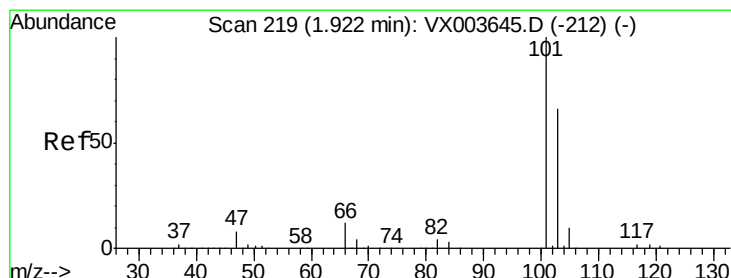
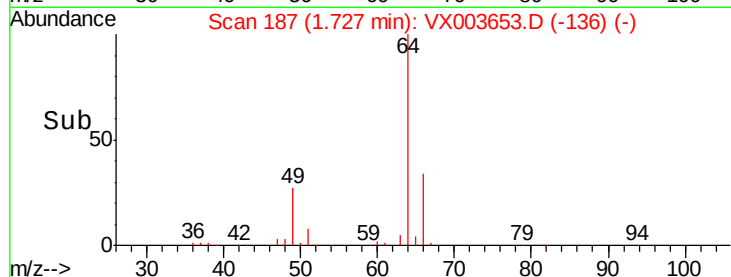
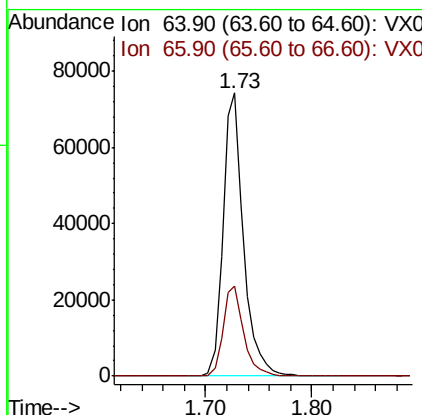
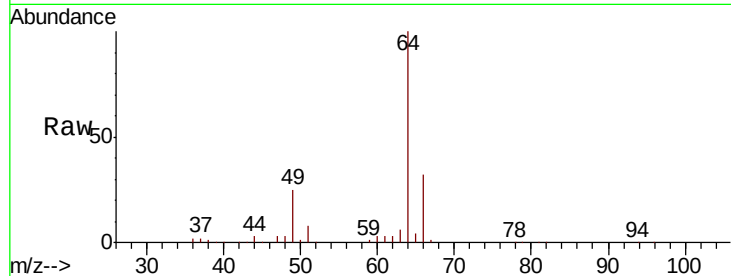




#6
 Chloroethane
 Concen: 101.567 ug/l
 RT: 1.73 min Scan# 187
 Delta R.T. 0.01 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

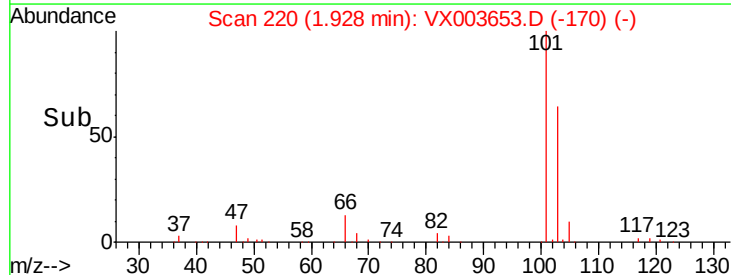
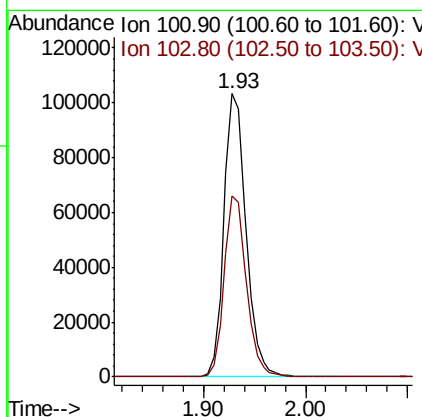
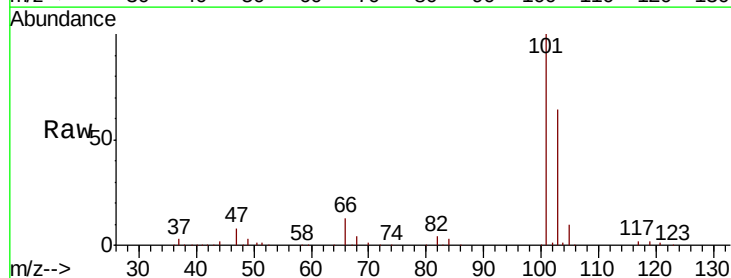
Instrument :
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 ClientSampleId :
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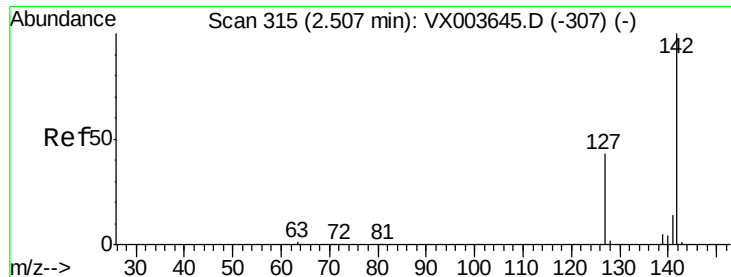
Tgt Ion: 64 Resp: 99027
 Ion Ratio Lower Upper
 64 100
 66 31.7 26.3 39.5



#7
 Trichlorofluoromethane
 Concen: 68.180 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

Tgt Ion: 101 Resp: 155403
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.2 79.8

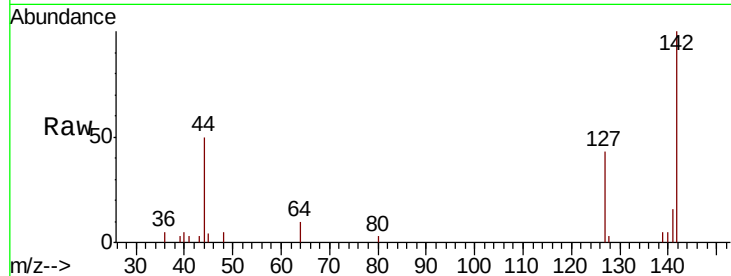




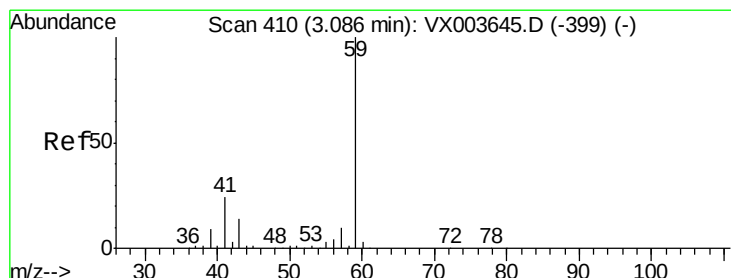
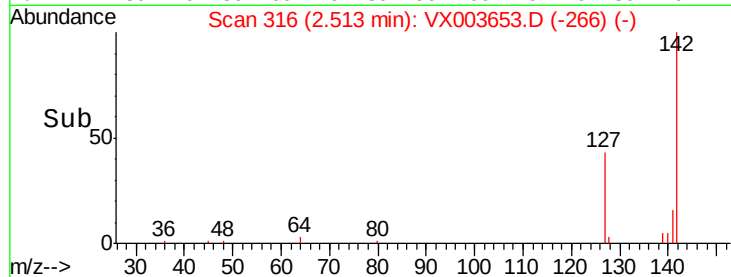
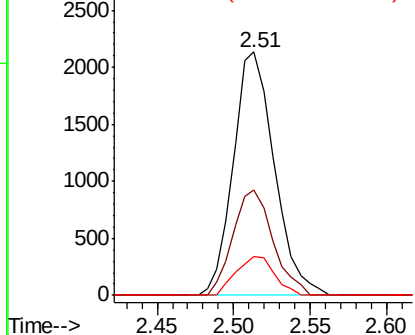
#10
Methyl Iodide
Concen: 5.146 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

Instrument :
MSVOA_X
ClientSampled :
1513

Tgt Ion: 142 Resp: 3983
Ion Ratio Lower Upper
142 100
127 42.0 34.0 51.0
141 14.7 11.3 16.9

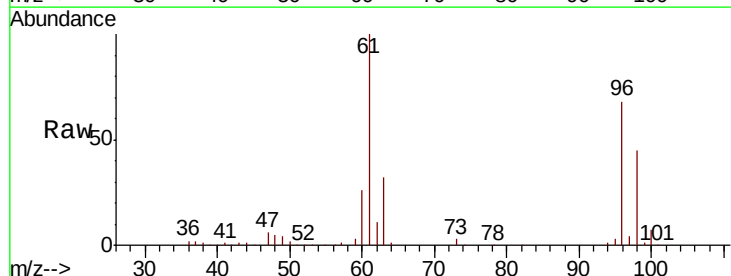


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

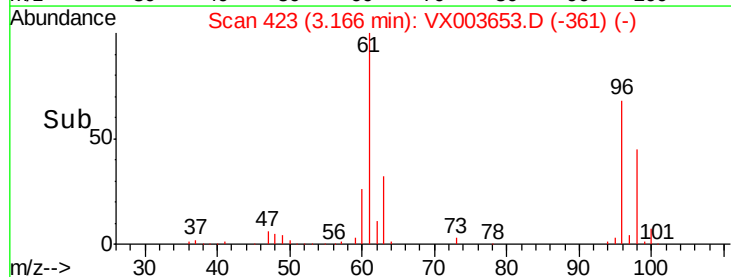
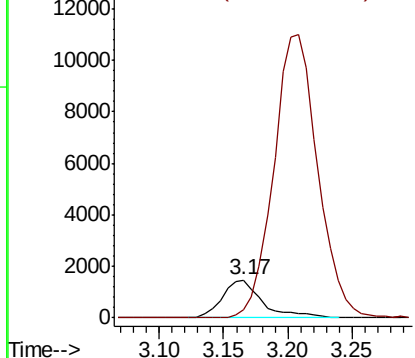


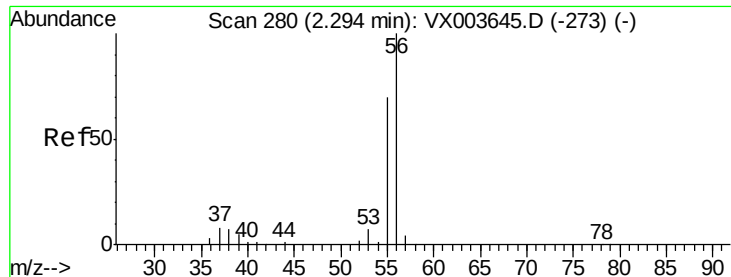
#11
Tert butyl alcohol
Concen: 7.839 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.08 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

Tgt Ion: 59 Resp: 3203
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

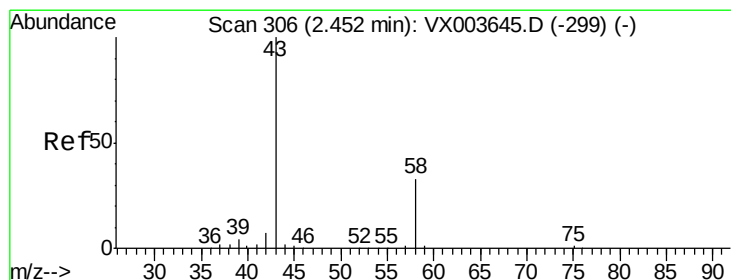
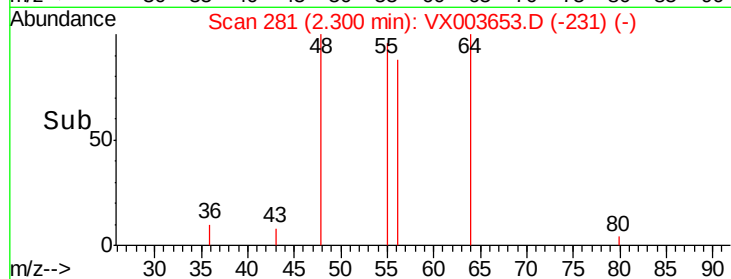
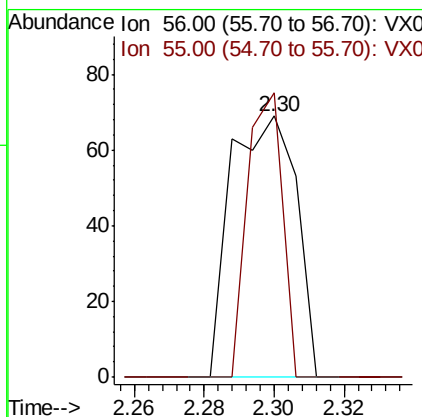
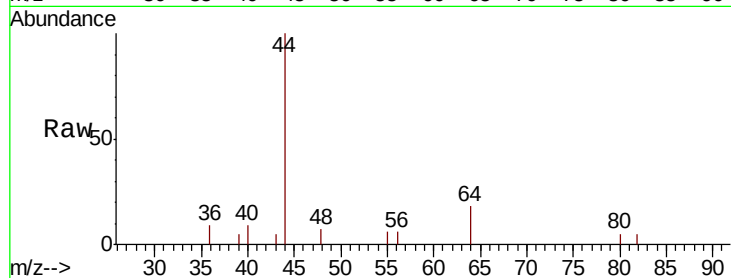




#13
Acrolein
Concen: 4.461 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

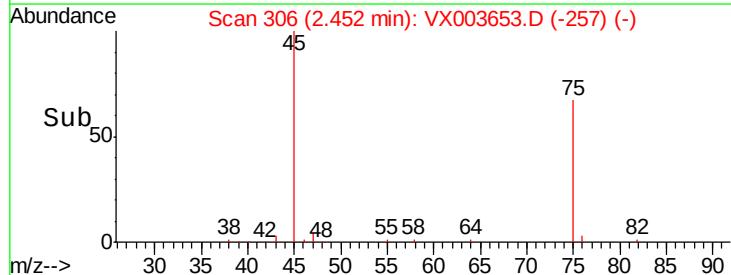
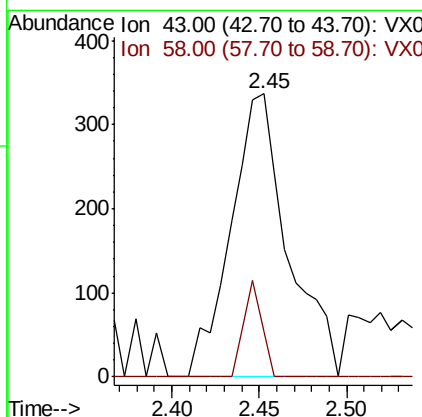
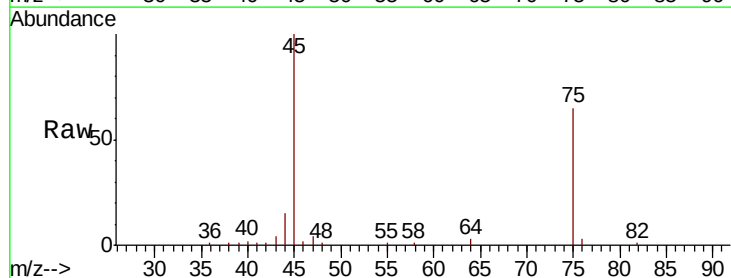
Instrument :
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1513

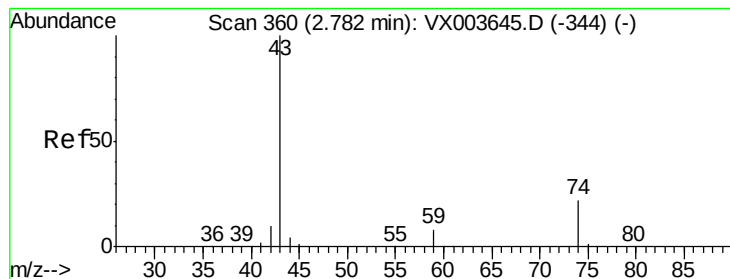
Tgt Ion: 56 Resp: 90
Ion Ratio Lower Upper
56 100
55 57.8 55.4 83.2



#16
Acetone
Concen: 0.955 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

Tgt Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
58 16.0 26.1 39.1#





#18

Methyl Acetate

Concen: 1.006 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

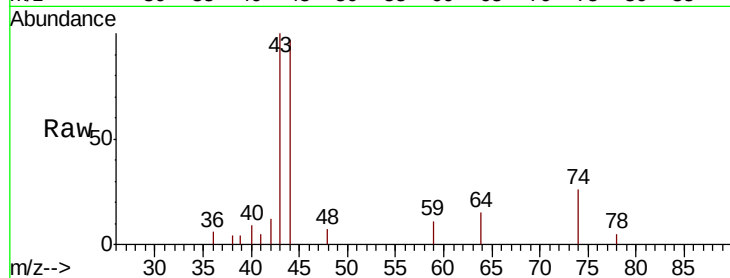
1513

Tgt Ion: 43 Resp: 2441

Ion Ratio Lower Upper

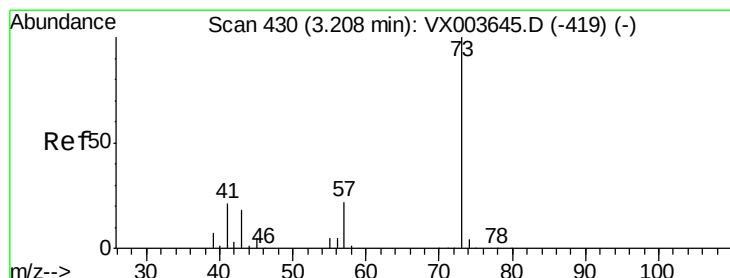
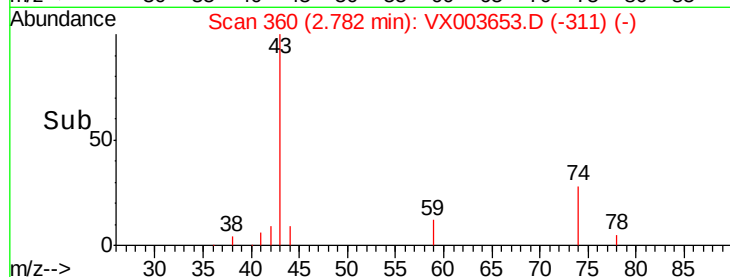
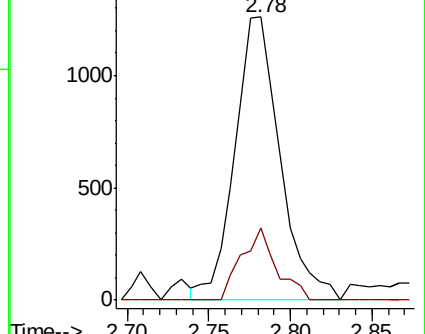
43 100

74 19.7 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#19

Methyl tert-butyl Ether

Concen: 23.954 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX003653.D

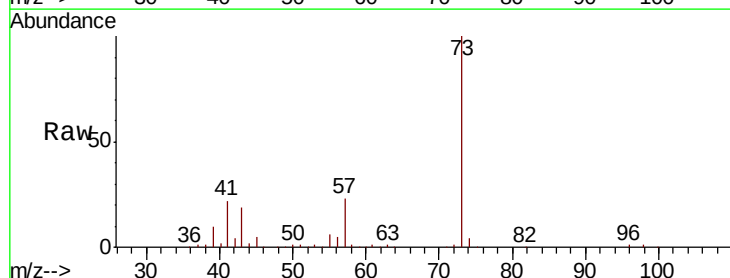
Acq: 25 Jul 2018 12:18

Tgt Ion: 73 Resp: 112922

Ion Ratio Lower Upper

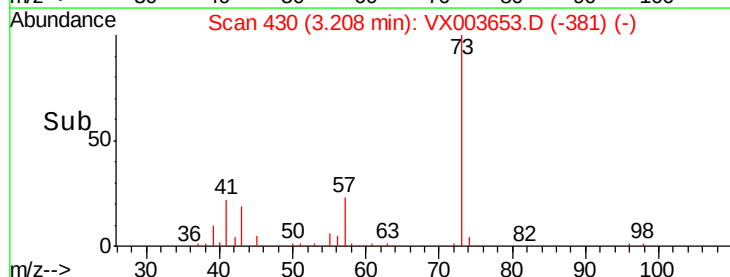
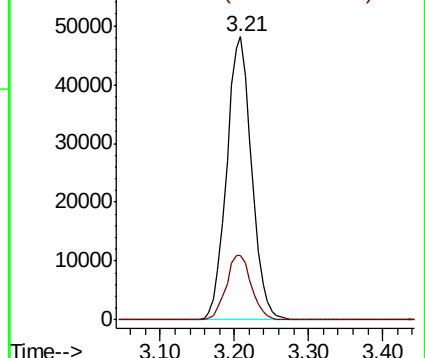
73 100

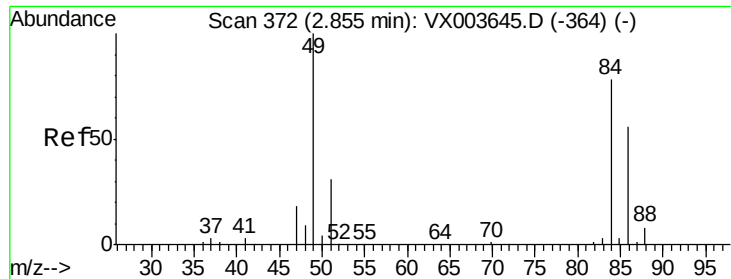
57 22.8 17.4 26.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

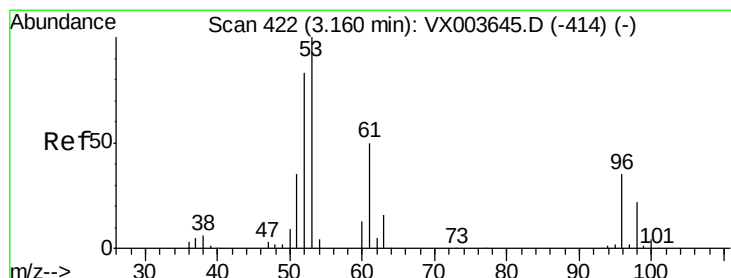
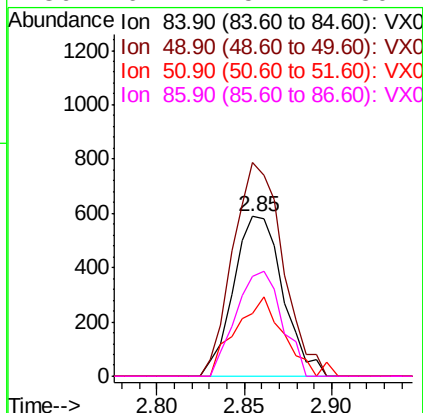
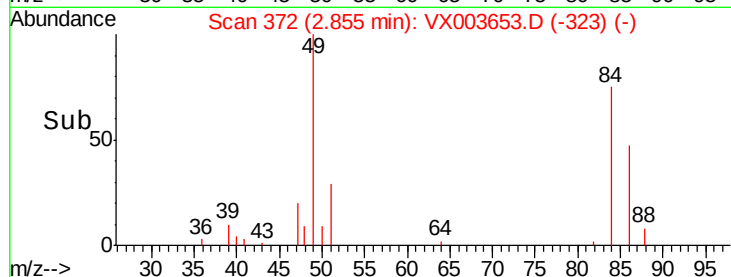
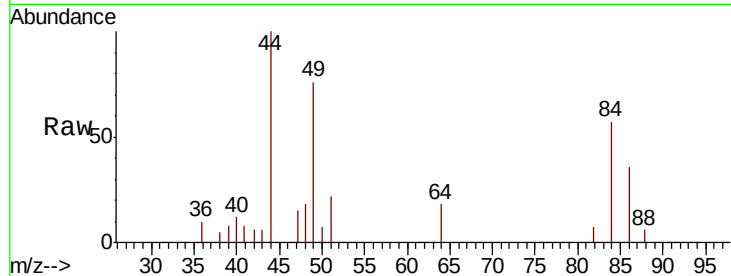




#20
Methylene Chloride
Concen: 0.729 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

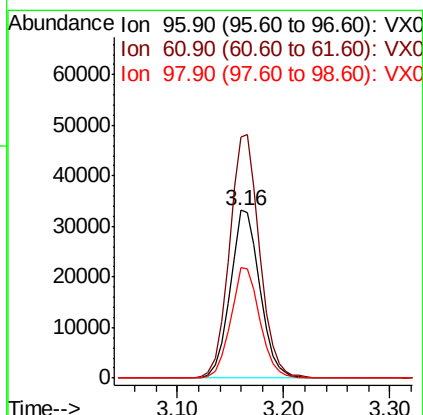
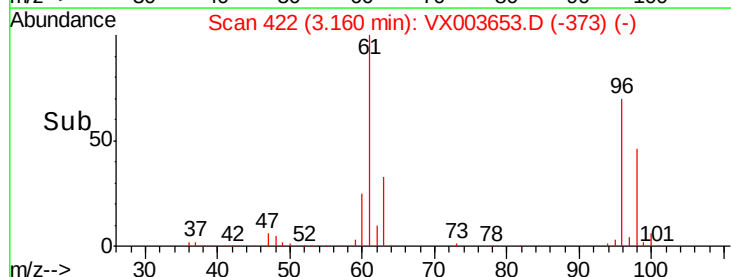
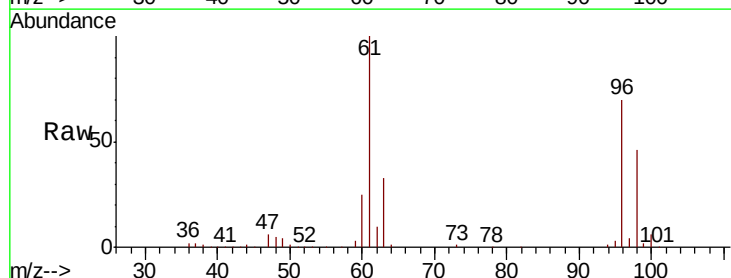
Instrument :
MSVOA_X
ClientSampled :
1513

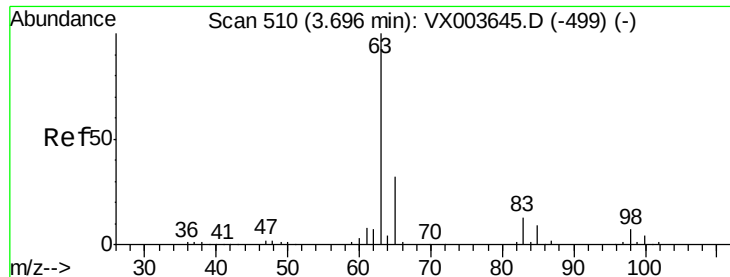
Tgt Ion:	84	Resp:	1160
Ion	Ratio	Lower	Upper
84	100		
49	134.1	102.3	153.5
51	39.2	31.8	47.8
86	62.7	57.4	86.2



#21
trans-1,2-Dichloroethene
Concen: 45.257 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.00 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

Tgt Ion:	96	Resp:	64956
Ion	Ratio	Lower	Upper
96	100		
61	143.8	115.0	172.4
98	65.7	49.7	74.5

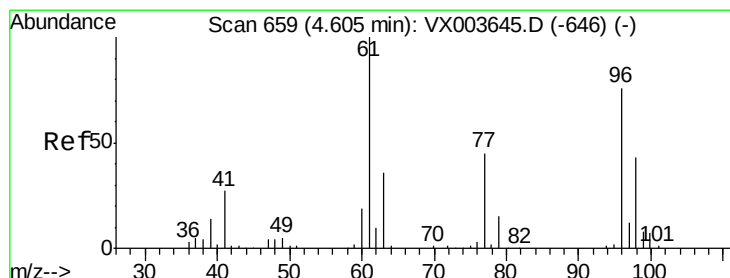
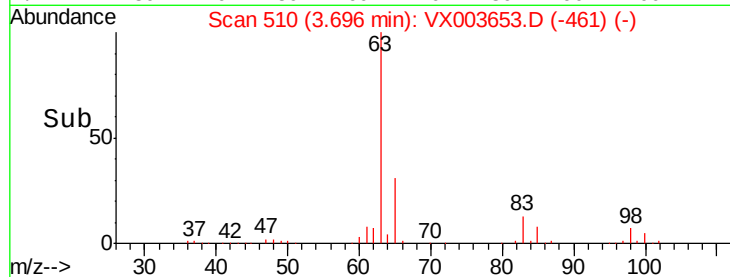
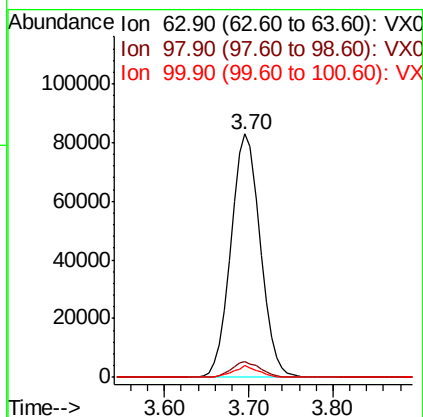
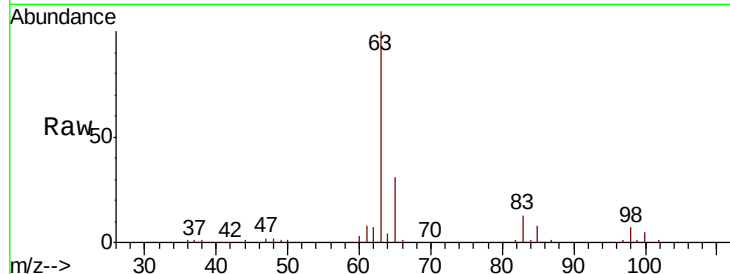




#24
 1,1-Dichloroethane
 Concen: 68.262 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

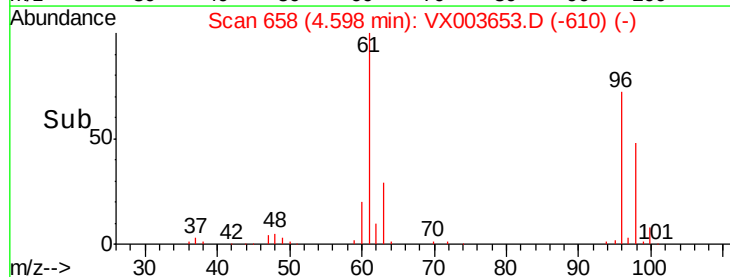
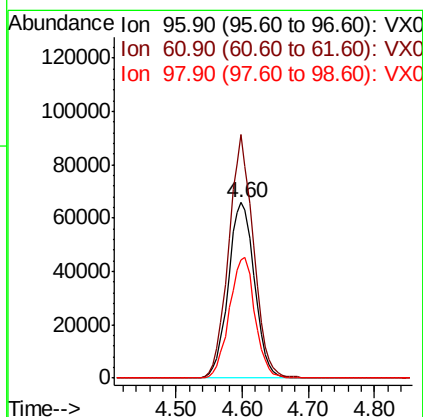
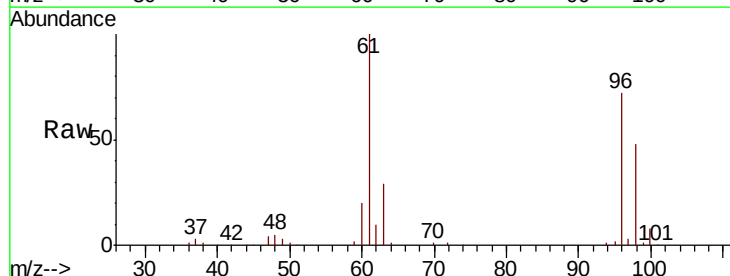
Instrument :
 MSVOA_X
 ClientSampled :
 1513

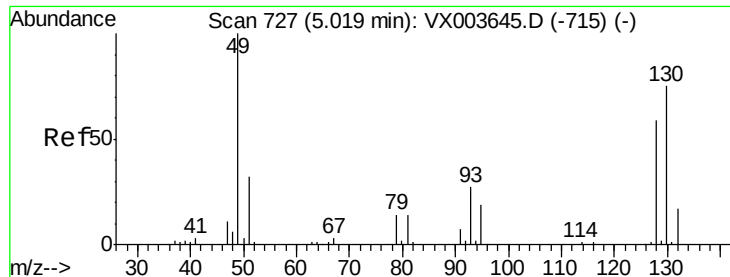
Tgt Ion: 63 Resp: 195456
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.8 2.1 6.3



#27
 cis-1,2-Dichloroethene
 Concen: 115.537 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

Tgt Ion: 96 Resp: 180046
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 313.6
 98 66.8 0.0 125.6





#28

Bromochloromethane

Concen: 5.984 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.20 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

1513

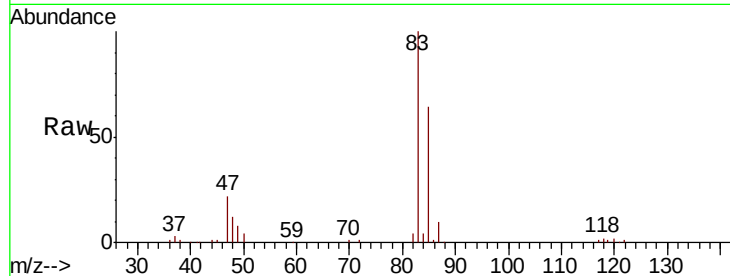
Tgt Ion: 49 Resp: 6876

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

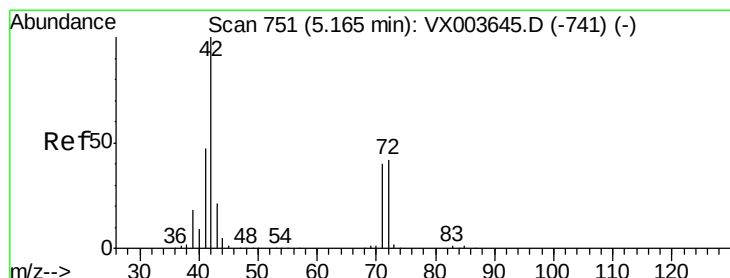
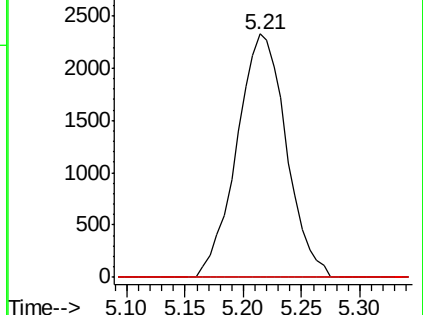
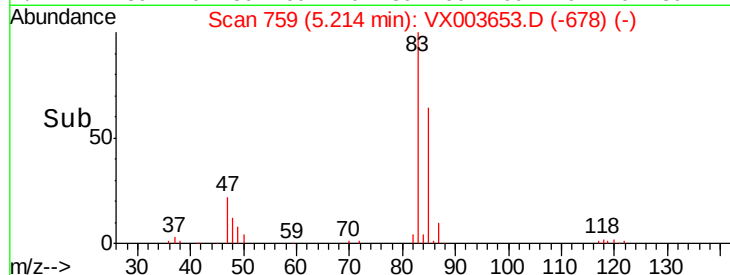
130 0.0 61.0 91.6#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.473 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

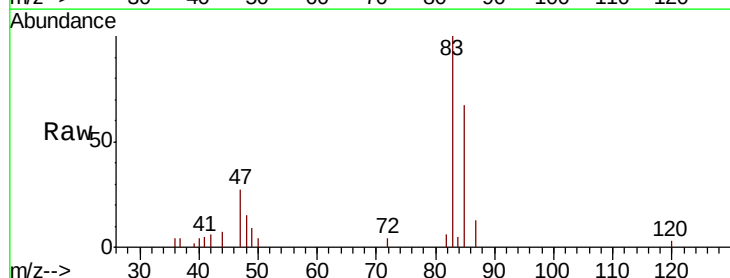
Tgt Ion: 42 Resp: 382

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.0#

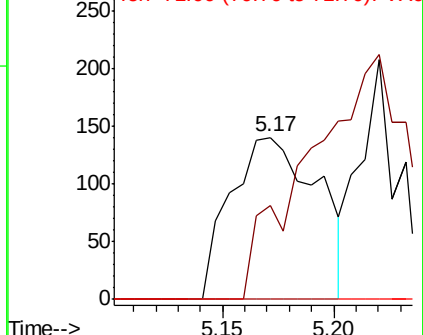
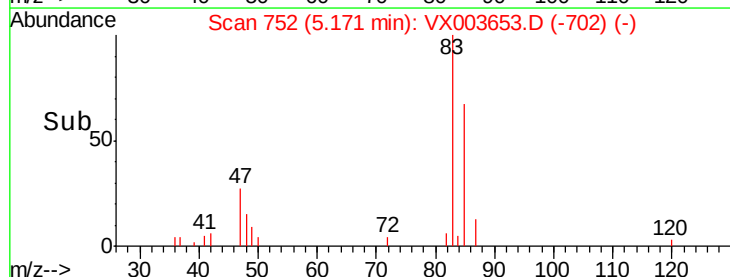
71 0.0 31.0 46.6#

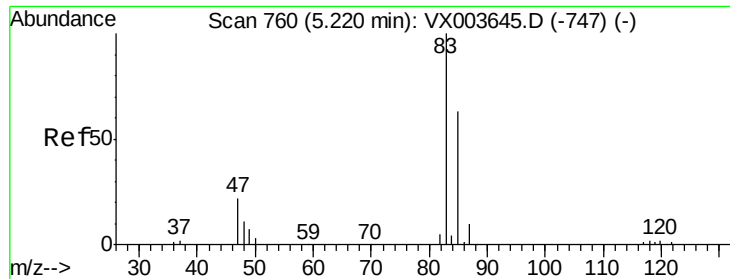


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

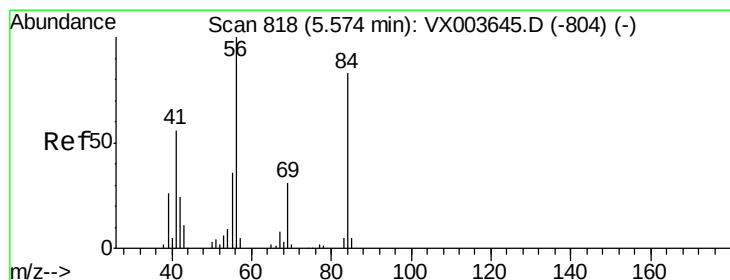
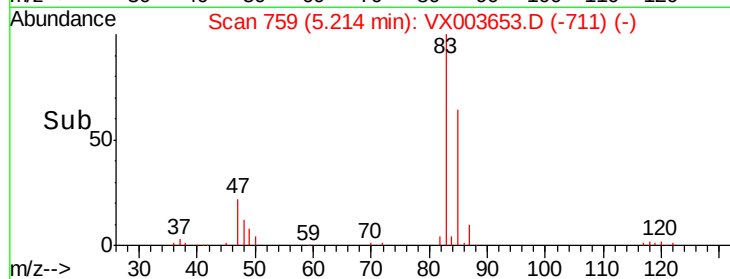
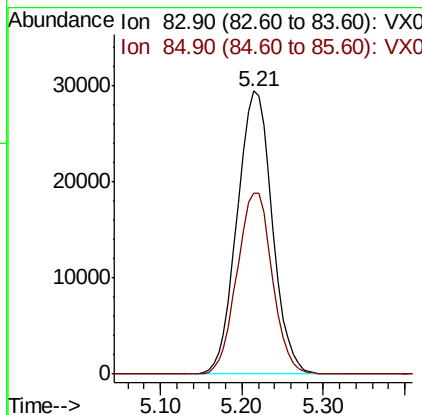
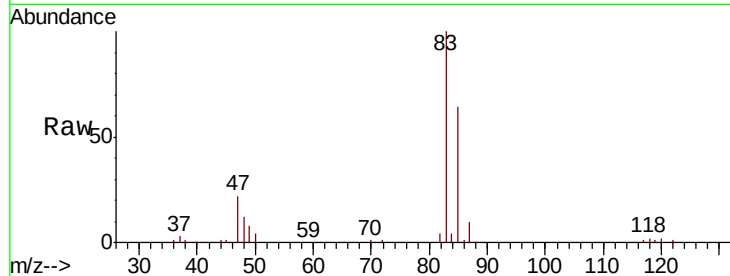




#30
Chloroform
Concen: 33.956 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

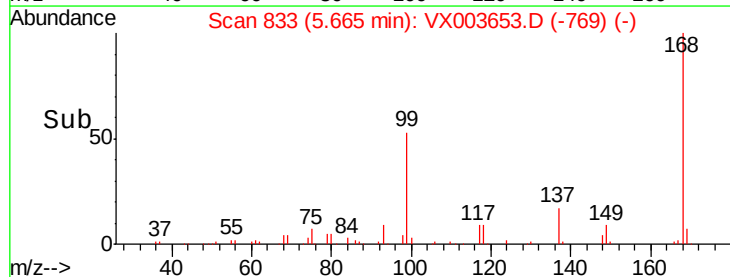
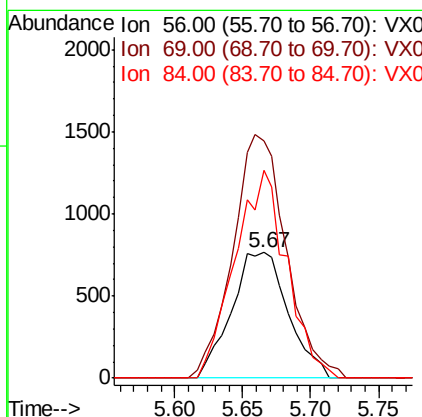
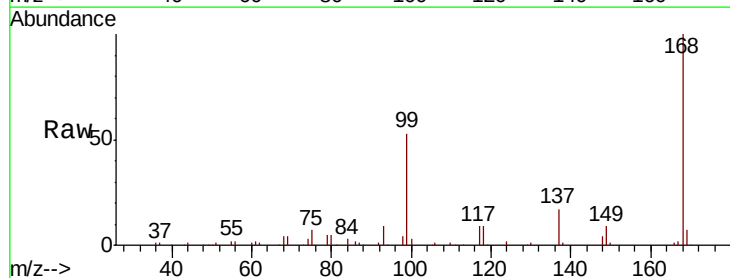
Instrument :
MSVOA_X
ClientSampleId :
1513

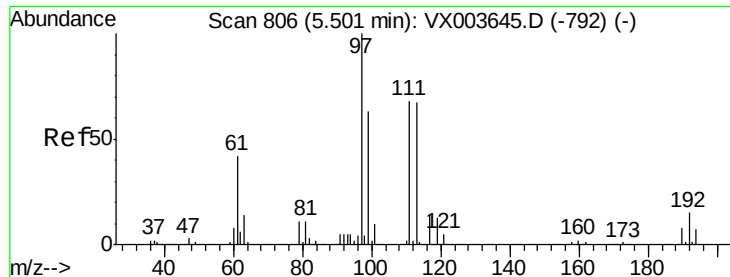
Tgt Ion: 83 Resp: 88187
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4



#31
Cyclohexane
Concen: 0.969 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

Tgt Ion: 56 Resp: 2228
Ion Ratio Lower Upper
56 100
69 188.8 25.0 37.6#
84 165.4 66.5 99.7#





#32

1,1,1-Trichloroethane

Concen: 15.820 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampled :

1513

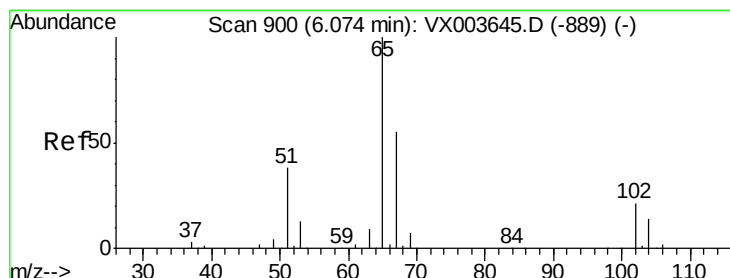
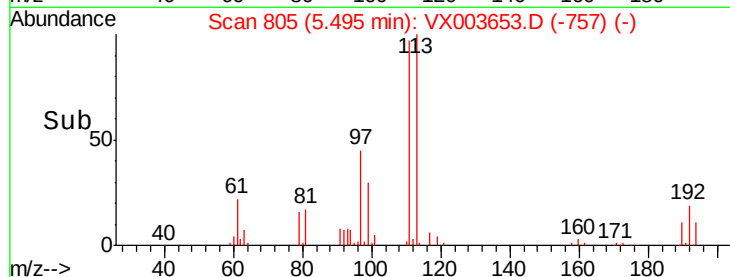
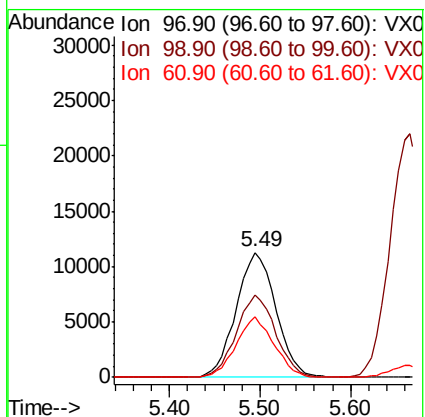
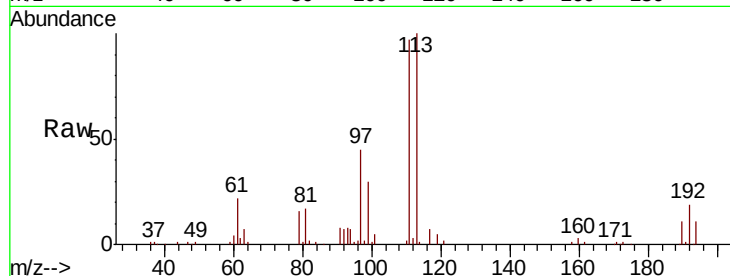
Tgt Ion: 97 Resp: 34121

Ion Ratio Lower Upper

97 100

99 65.1 50.4 75.6

61 46.3 34.5 51.7



#33

1,2-Dichloroethane-d4

Concen: 52.929 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003653.D

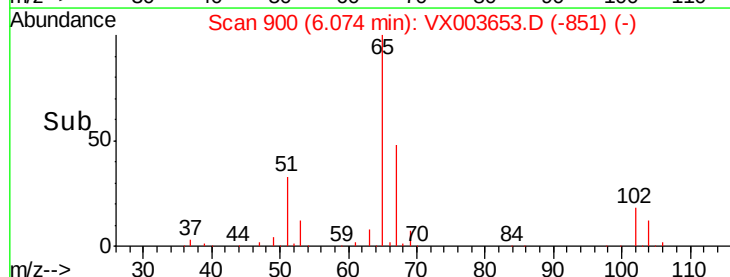
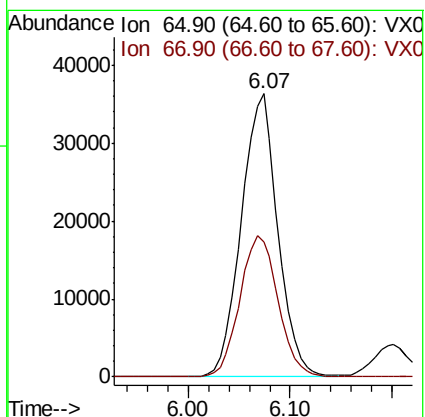
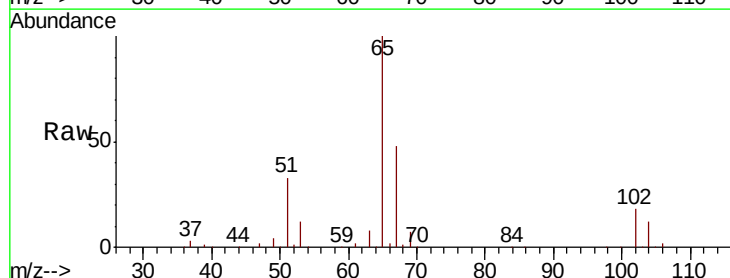
Acq: 25 Jul 2018 12:18

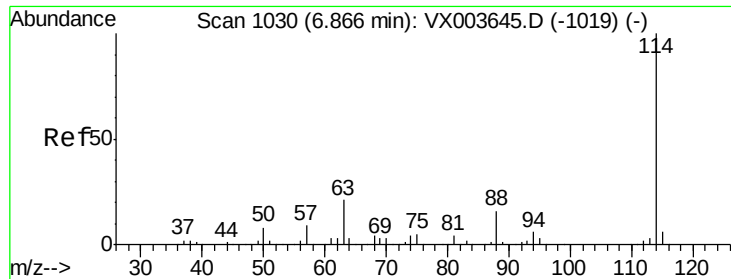
Tgt Ion: 65 Resp: 90475

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.8

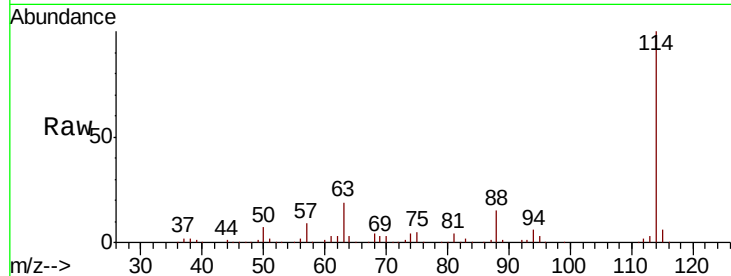




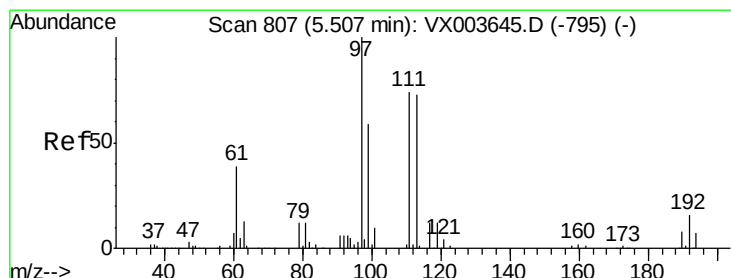
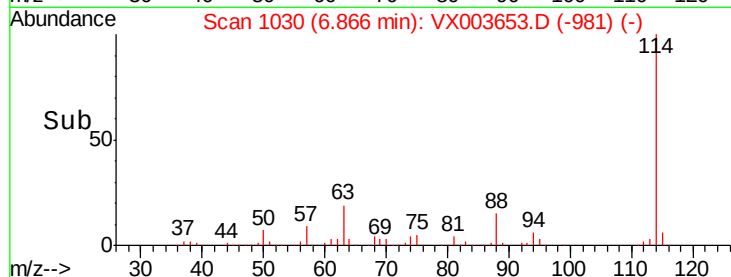
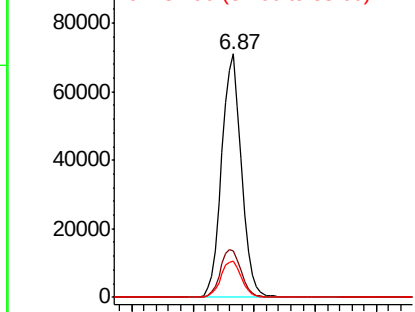
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 1513

Tgt Ion:114 Resp: 159424
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.0
 88 14.7 0.0 31.8

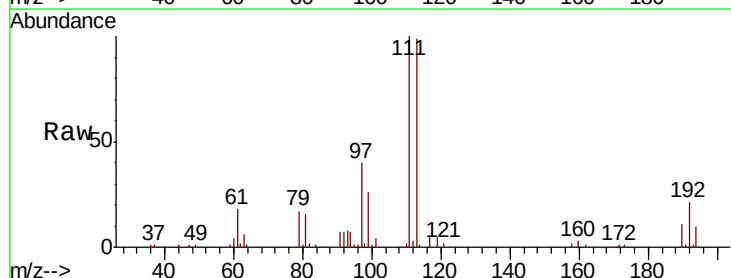


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

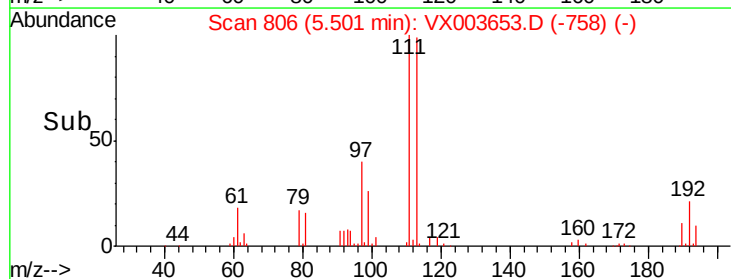
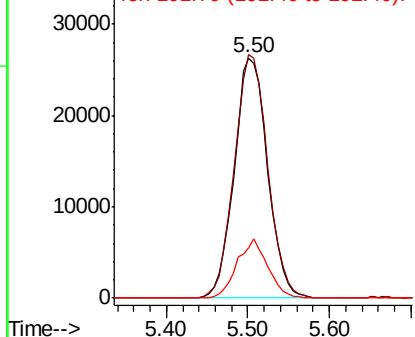


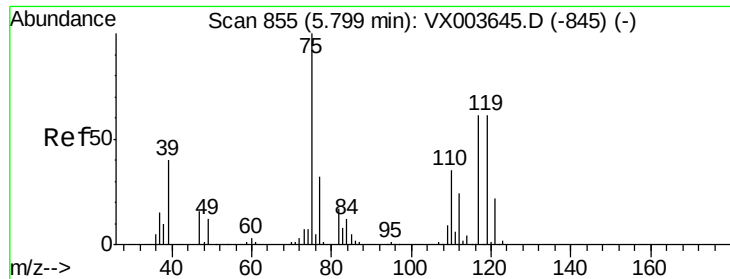
#35
 Dibromofluoromethane
 Concen: 57.062 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

Tgt Ion:113 Resp: 74367
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.2 121.8
 192 22.5 18.2 27.4



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

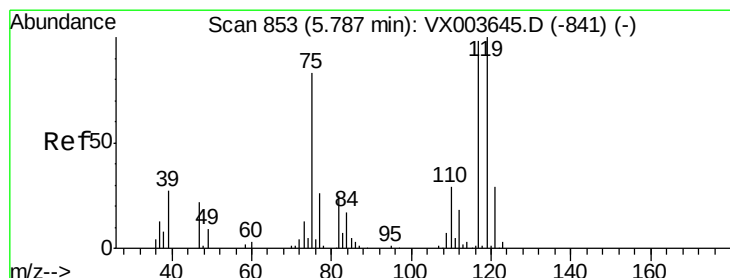
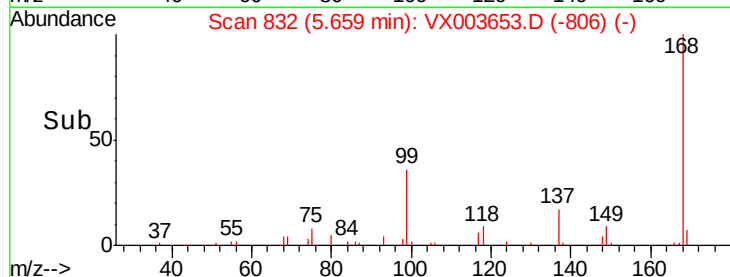
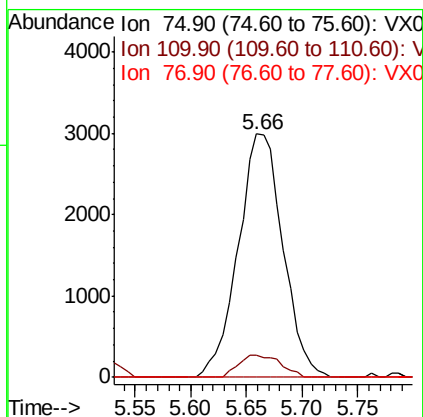
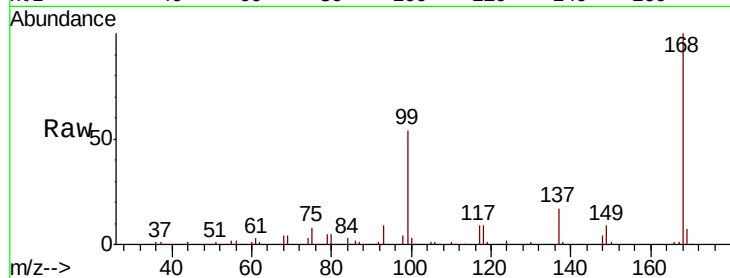




#36
 1,1-Dichloropropene
 Concen: 4.483 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

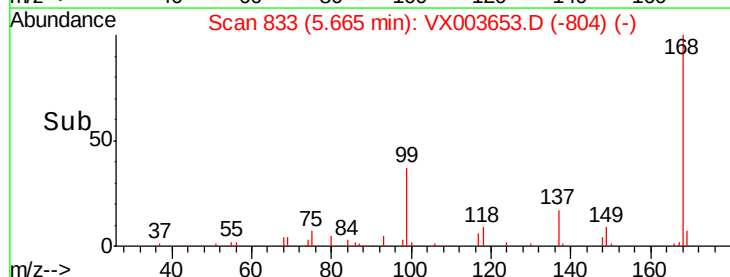
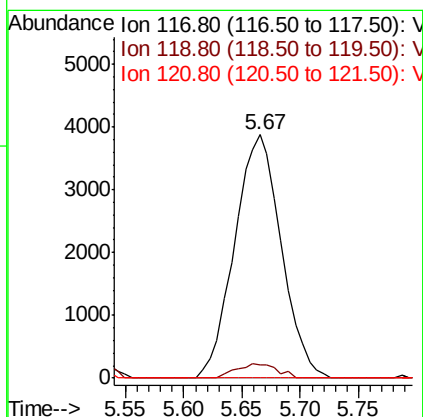
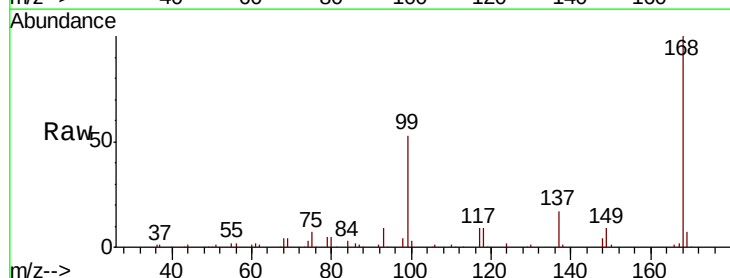
Instrument :
 MSVOA_X
 ClientSampleId :
 1513

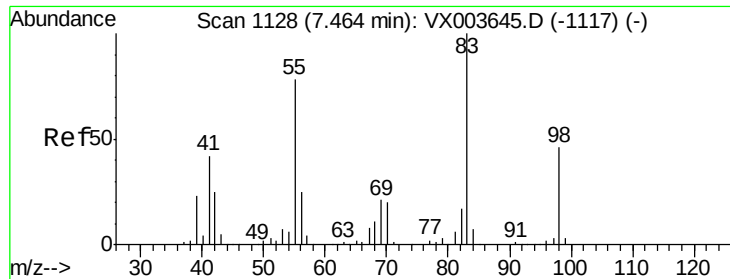
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.1#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.992 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	81.0	121.4#
121	0.0	23.7	35.5#

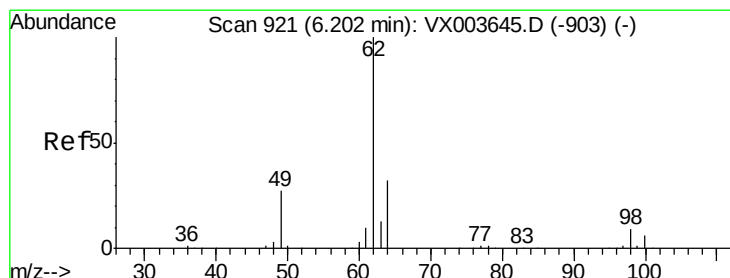
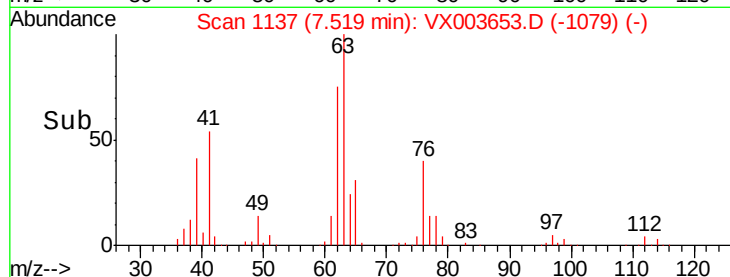
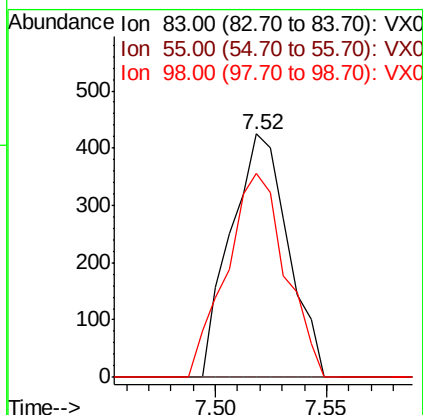
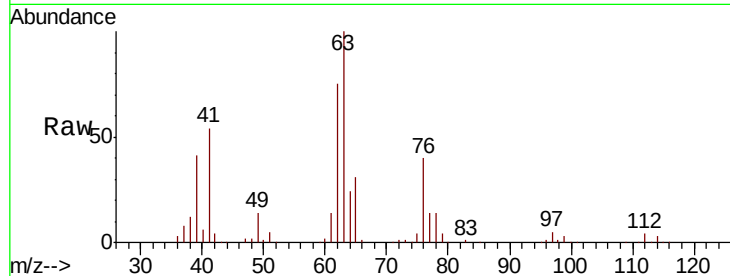




#39
Methylcyclohexane
Concen: 0.371 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. 0.05 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

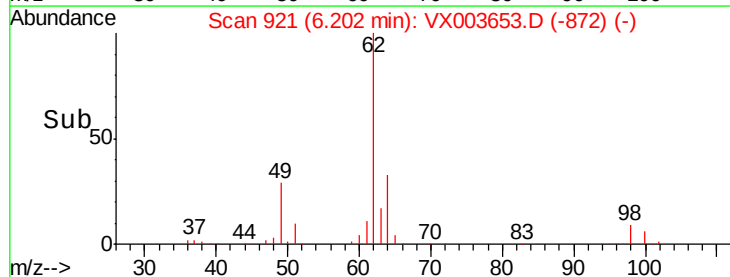
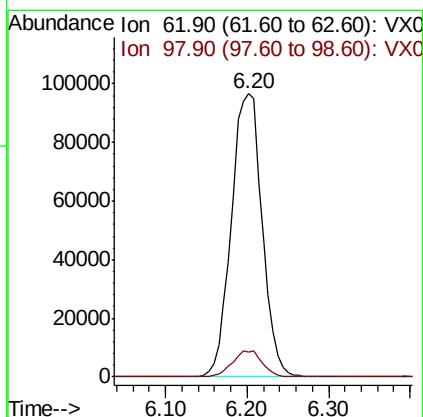
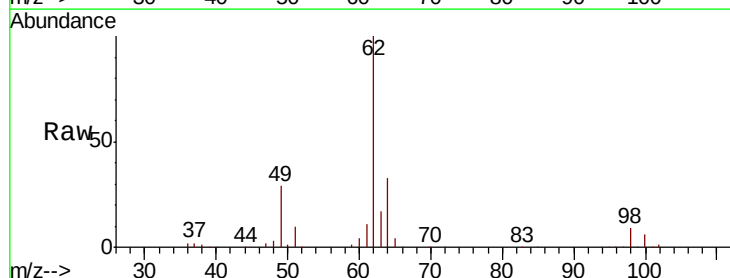
Instrument :
MSVOA_X
ClientSampled :
1513

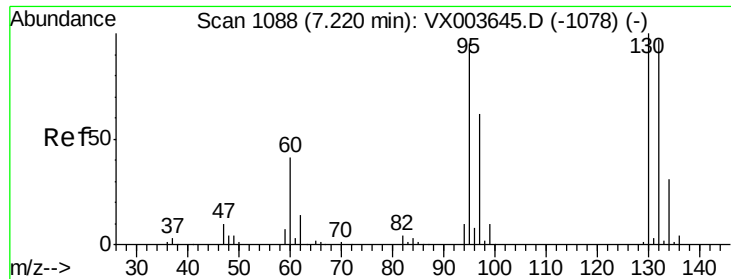
Tgt Ion: 83 Resp: 760
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 83.8 36.6 55.0#



#42
1,2-Dichloroethane
Concen: 129.262 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

Tgt Ion: 62 Resp: 250893
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.4





#44

Trichloroethene

Concen: 25.301 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampled :

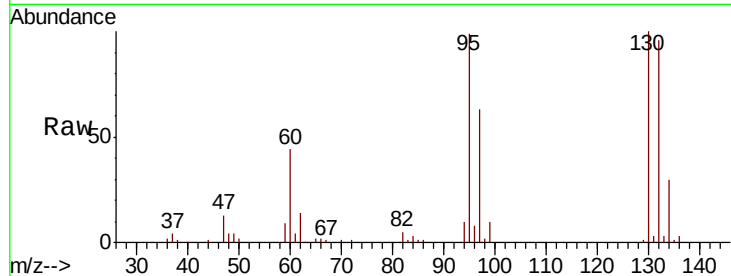
1513

Tgt Ion:130 Resp: 37409

Ion Ratio Lower Upper

130 100

95 98.9 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

20000

15000

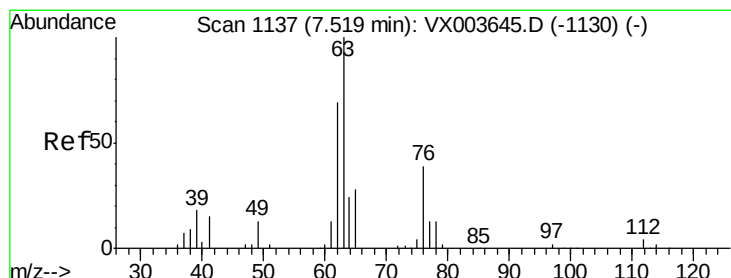
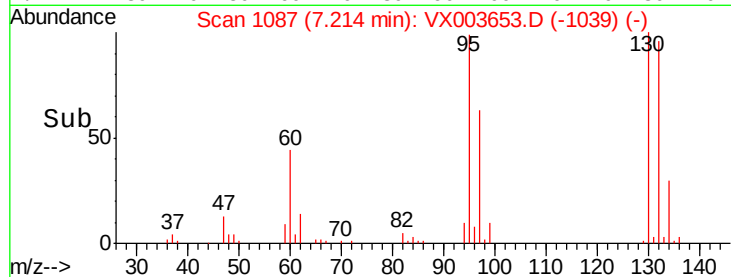
10000

5000

0

Time-->

7.10 7.15 7.20 7.25 7.30



#45

1,2-Dichloropropane

Concen: 87.955 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003653.D

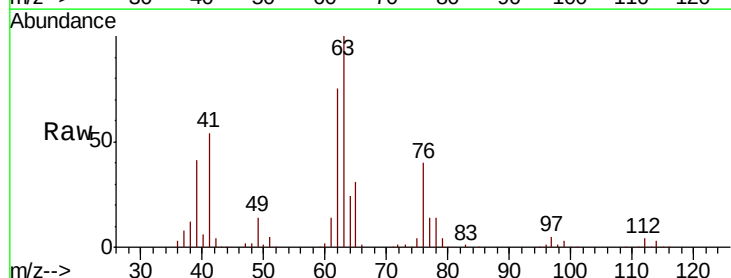
Acq: 25 Jul 2018 12:18

Tgt Ion: 63 Resp: 125378

Ion Ratio Lower Upper

63 100

65 30.7 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

60000

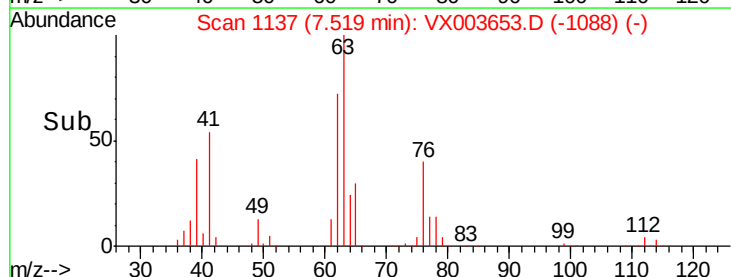
40000

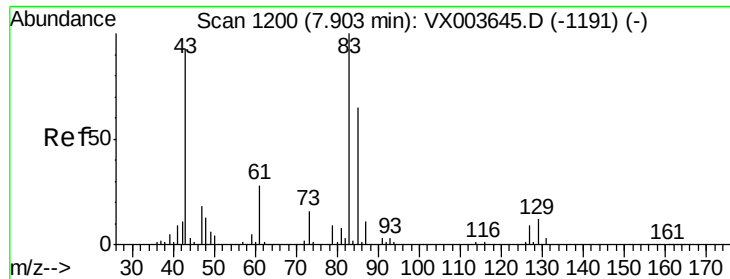
20000

0

Time-->

7.40 7.50 7.60





#47

Bromodichloromethane

Concen: 97.205 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

1513

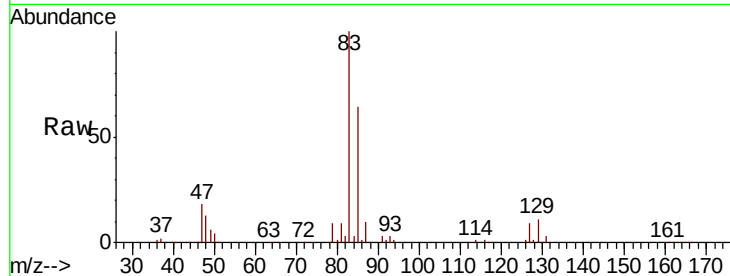
Tgt Ion: 83 Resp: 166893

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.6

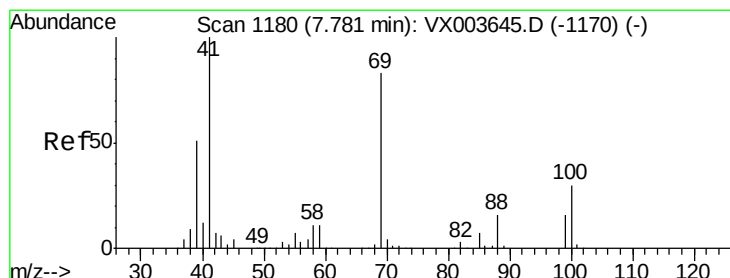
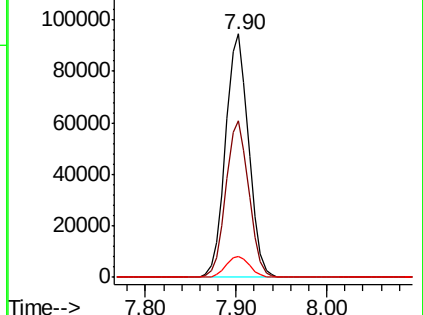
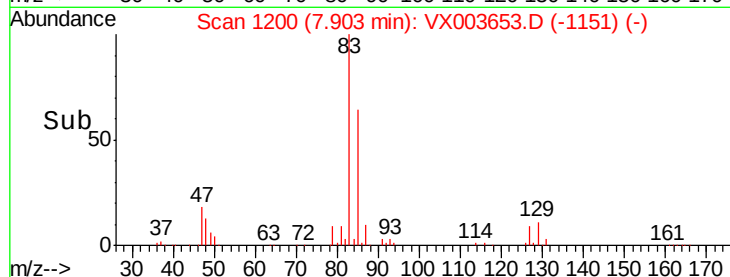
127 8.7 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 39.880 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.26 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

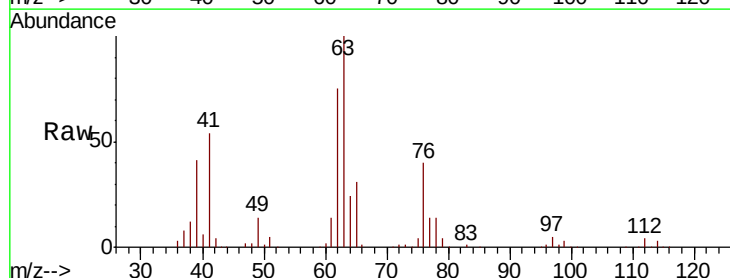
Tgt Ion: 41 Resp: 66153

Ion Ratio Lower Upper

41 100

69 0.0 66.9 100.3#

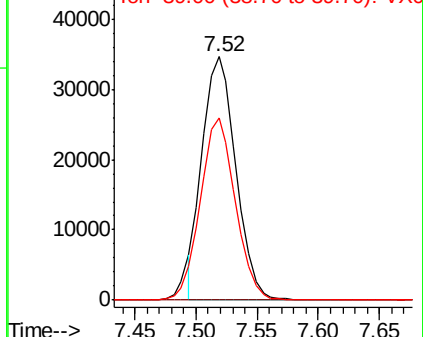
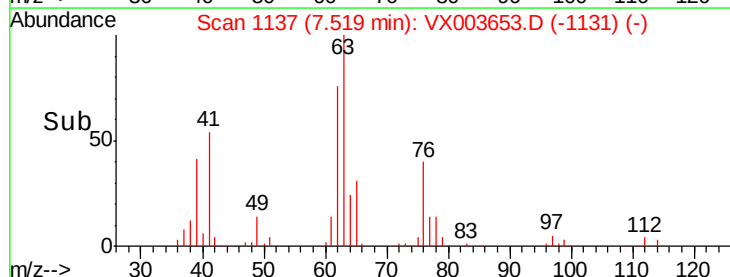
39 74.3 41.2 61.8#

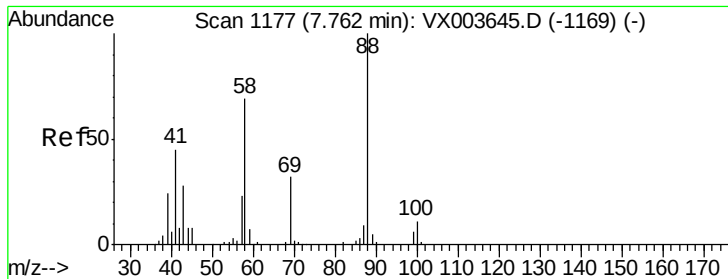


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 4.404 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. 0.13 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

1513

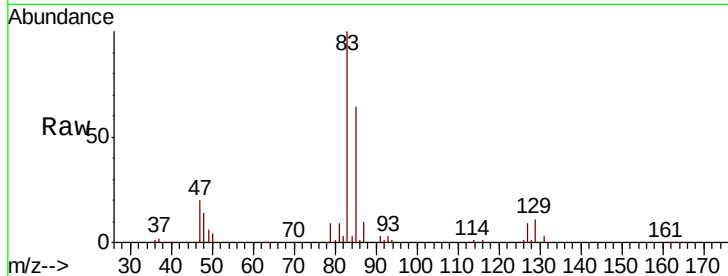
Tgt Ion: 88 Resp: 163

Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.6#

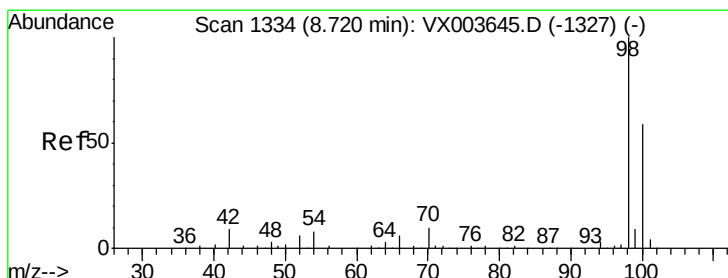
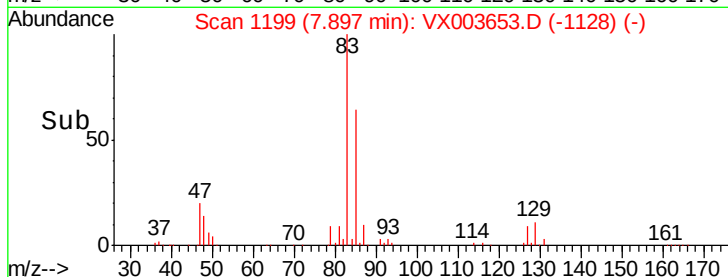
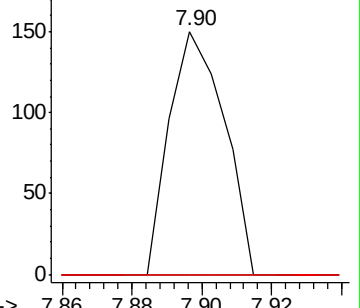
58 0.0 58.3 87.5#



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: 53.955 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003653.D

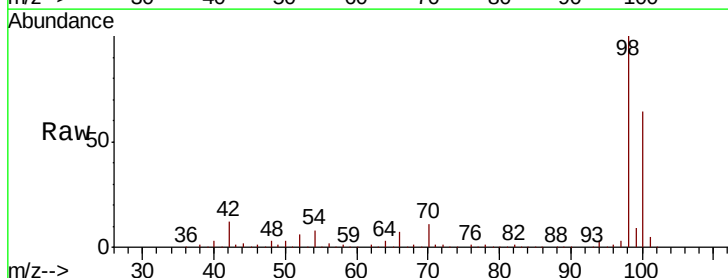
Acq: 25 Jul 2018 12:18

Tgt Ion: 98 Resp: 268361

Ion Ratio Lower Upper

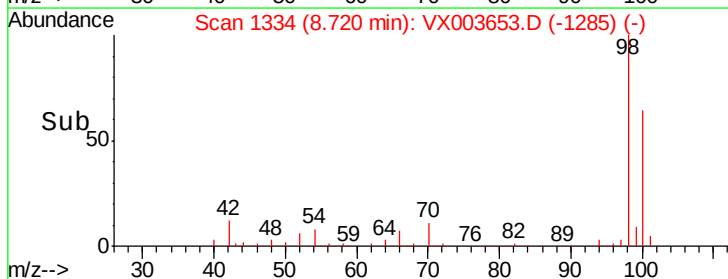
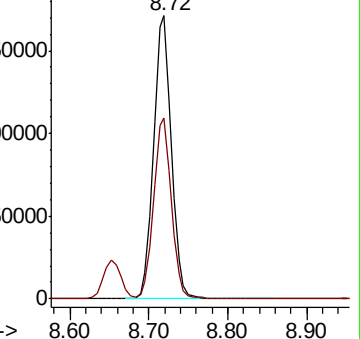
98 100

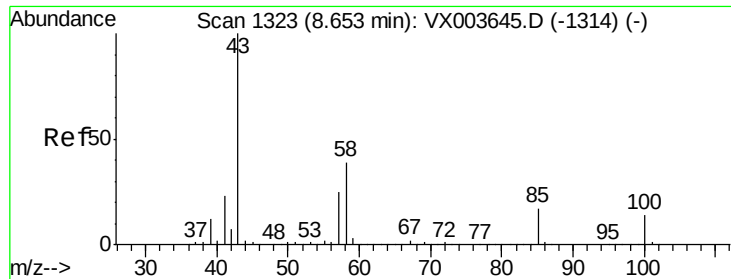
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 117.193 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

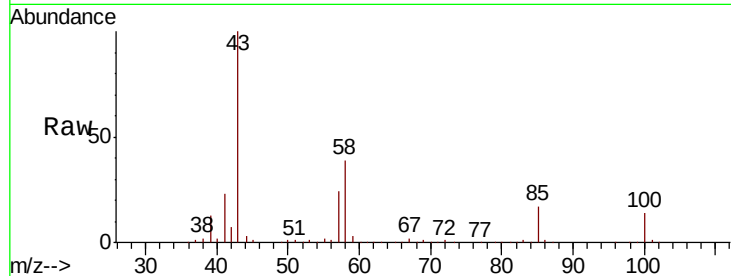
1513

Tgt Ion: 43 Resp: 258479

Ion Ratio Lower Upper

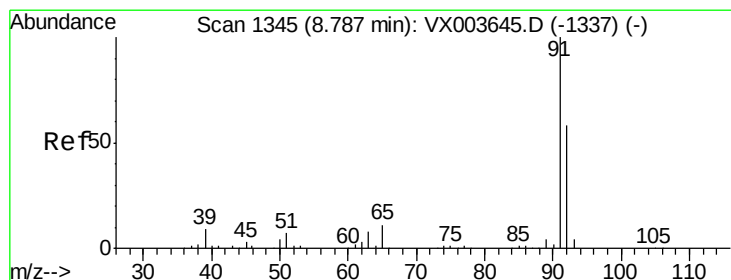
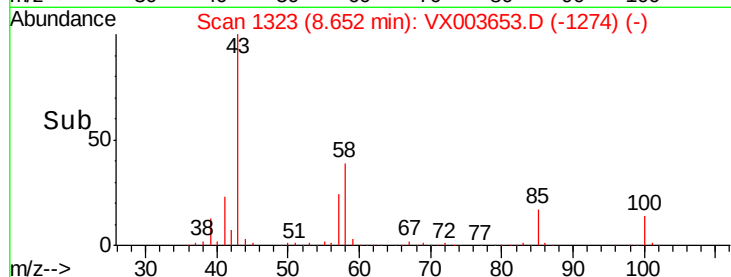
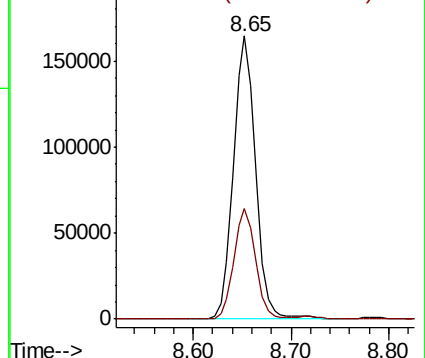
43 100

58 38.2 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 37.410 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003653.D

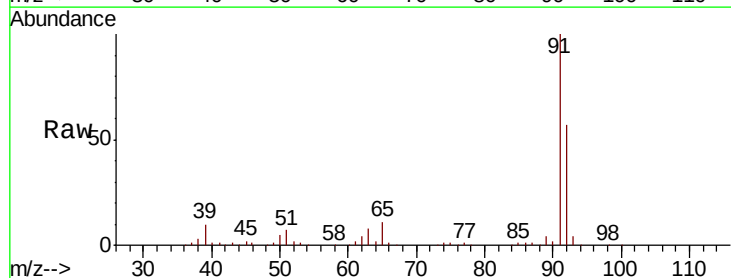
Acq: 25 Jul 2018 12:18

Tgt Ion: 92 Resp: 128234

Ion Ratio Lower Upper

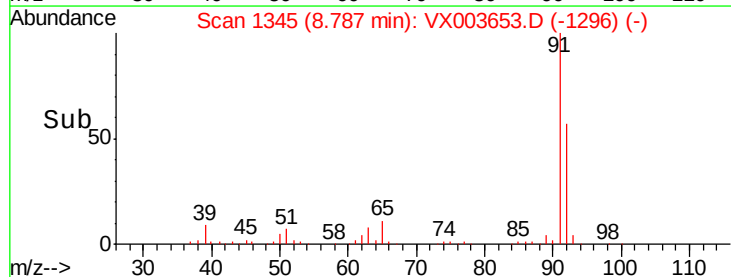
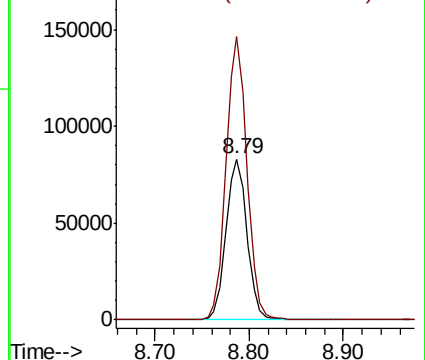
92 100

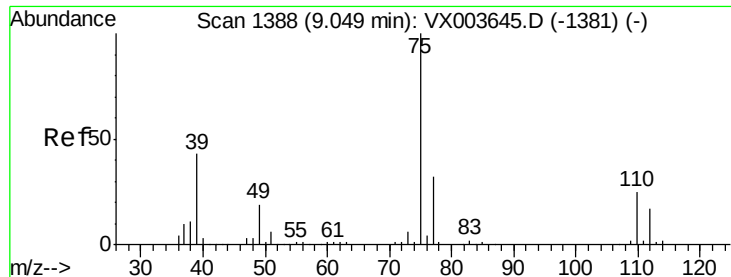
91 174.8 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 61.710 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

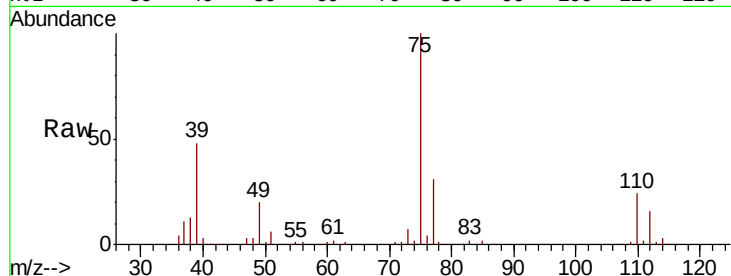
1513

Tgt Ion: 75 Resp: 117308

Ion Ratio Lower Upper

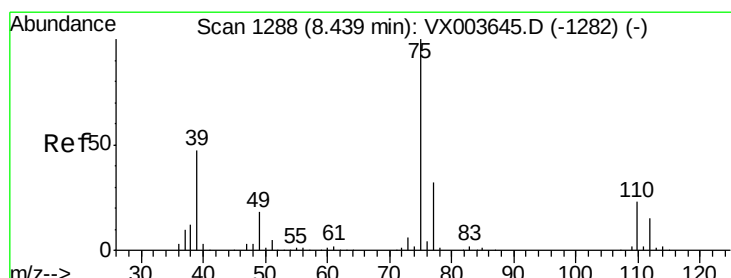
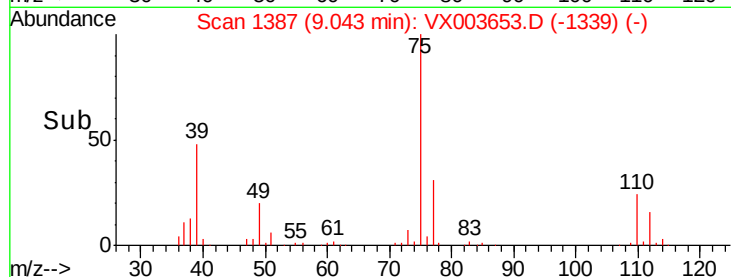
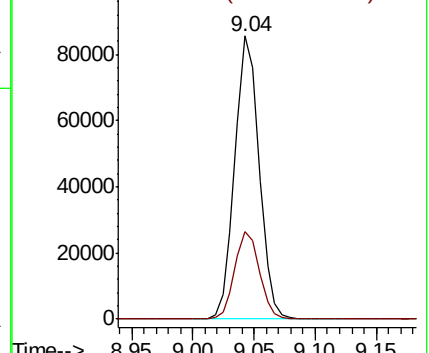
75 100

77 31.0 25.8 38.6



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: 101.299 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

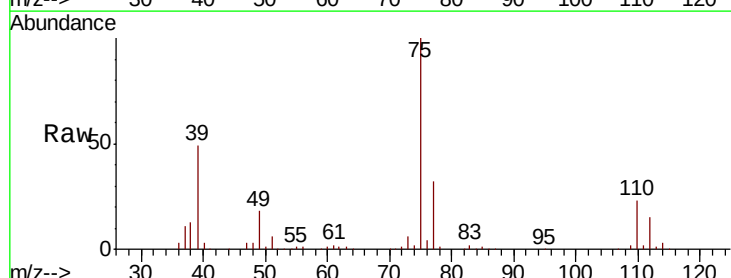
Tgt Ion: 75 Resp: 211900

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

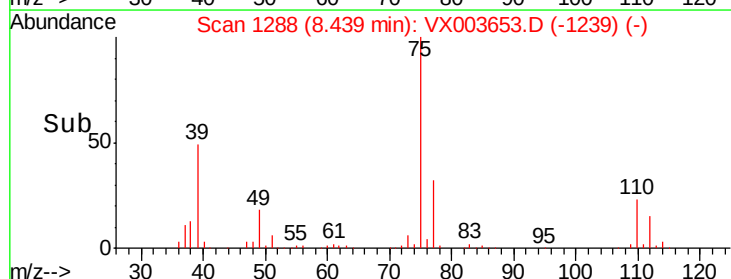
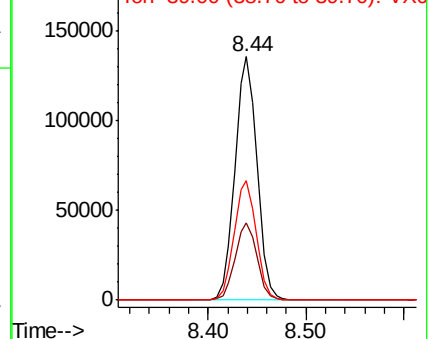
39 49.0 38.0 57.0

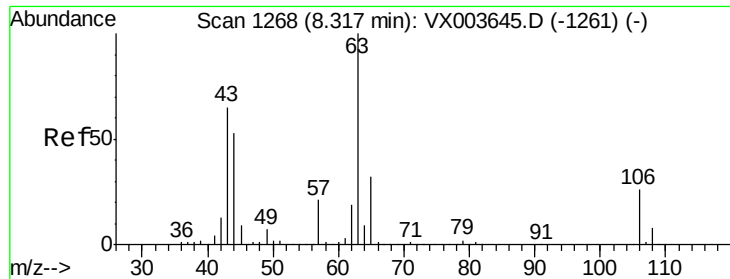


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

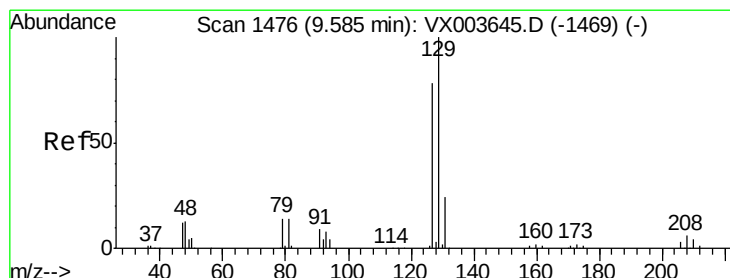
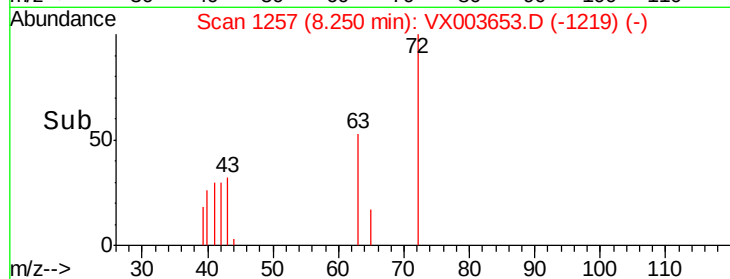
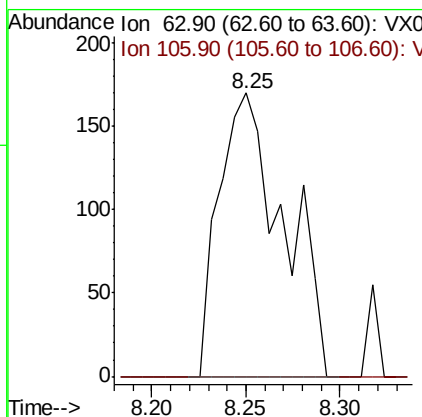
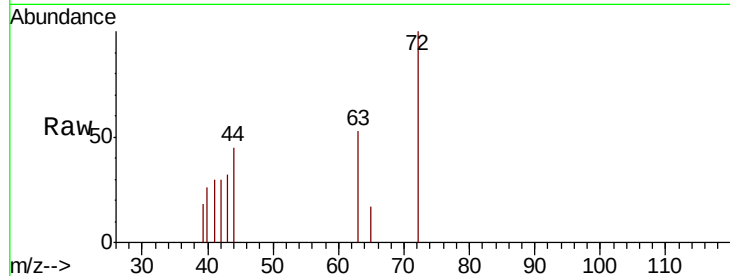




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.387 ug/l
 RT: 8.25 min Scan# 1257
 Delta R.T. -0.07 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

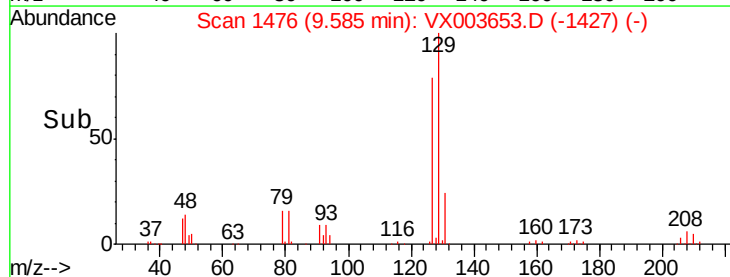
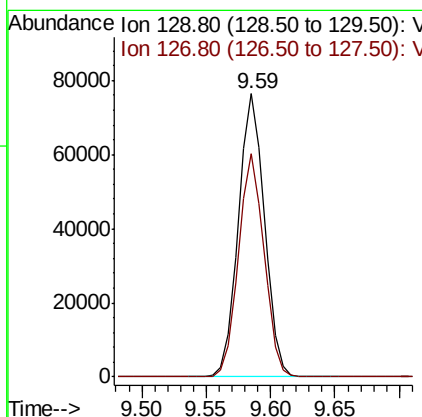
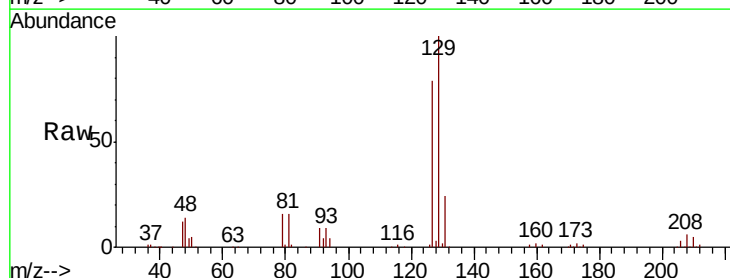
Instrument :
 MSVOA_X
 ClientSampleId :
 1513

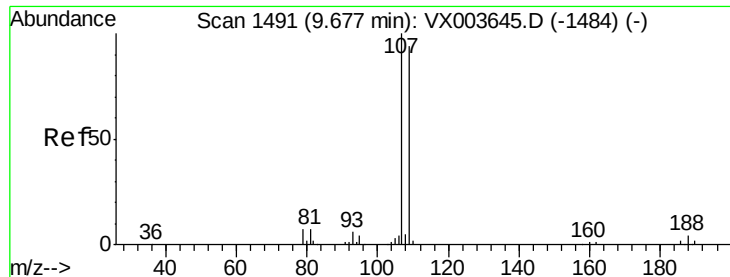
Tgt Ion: 63 Resp: 406
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.5 32.3#



#60
 Dibromochloromethane
 Concen: 80.646 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

Tgt Ion: 129 Resp: 107178
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 61.609 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

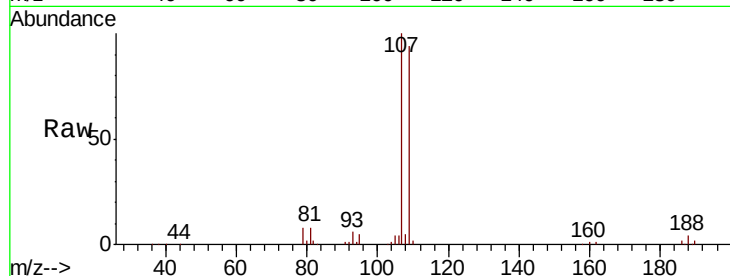
1513

Tgt Ion: 107 Resp: 89888

Ion Ratio Lower Upper

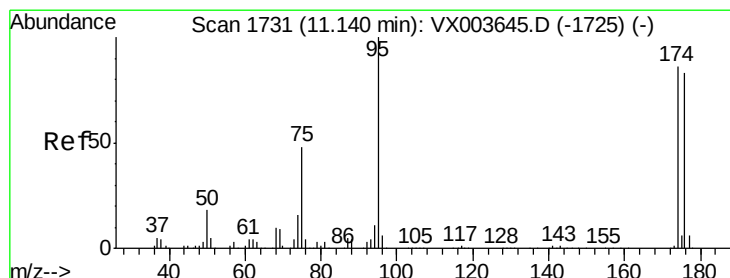
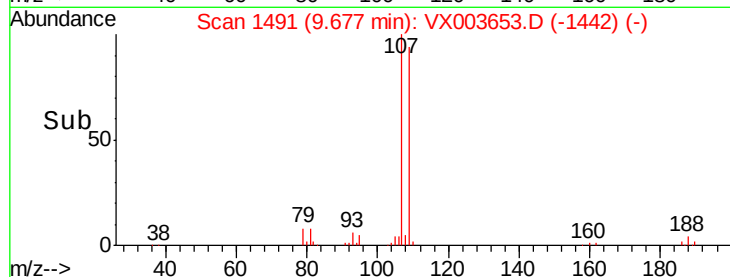
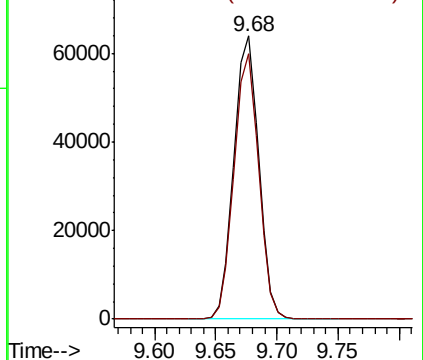
107 100

109 93.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.118 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

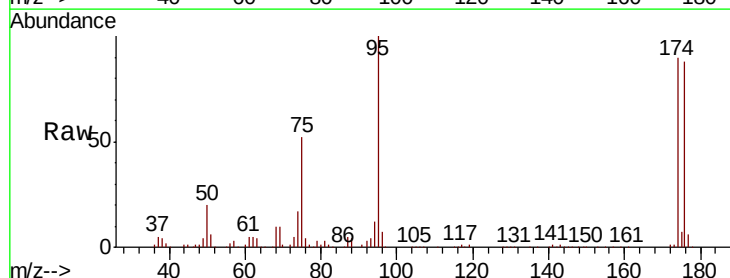
Tgt Ion: 95 Resp: 89106

Ion Ratio Lower Upper

95 100

174 89.7 0.0 179.0

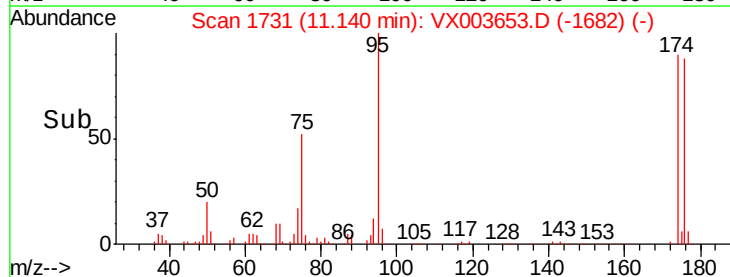
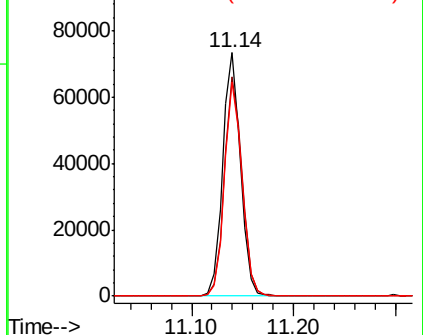
176 86.8 0.0 173.0

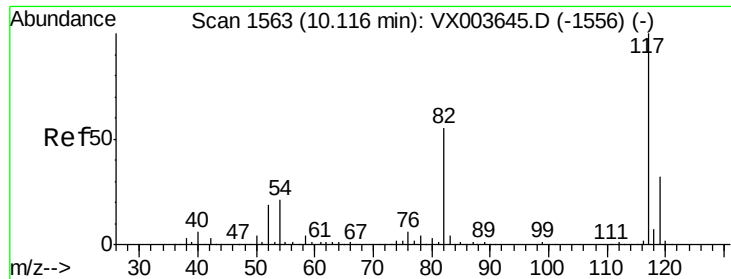


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

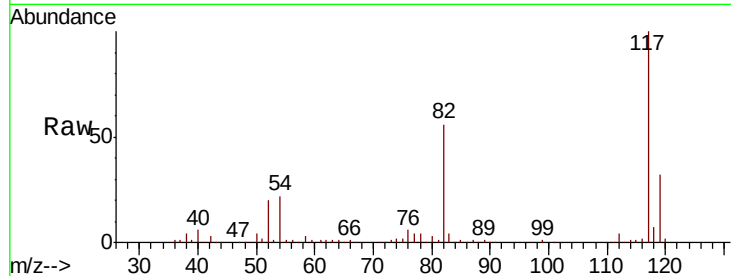




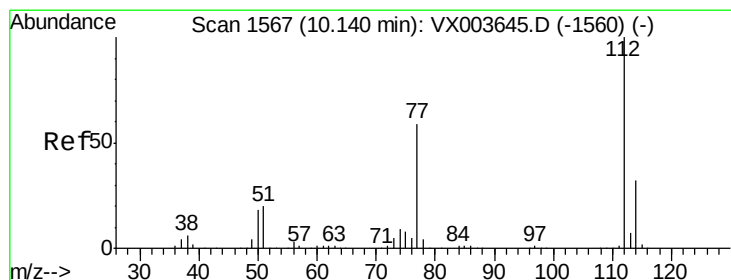
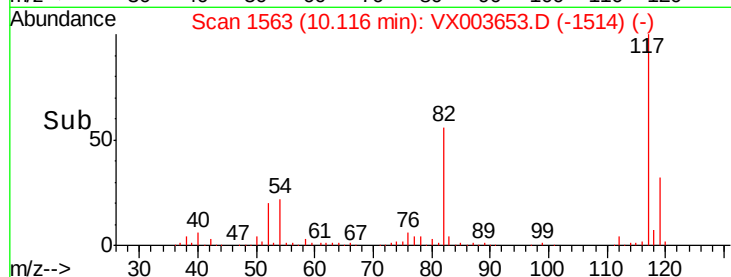
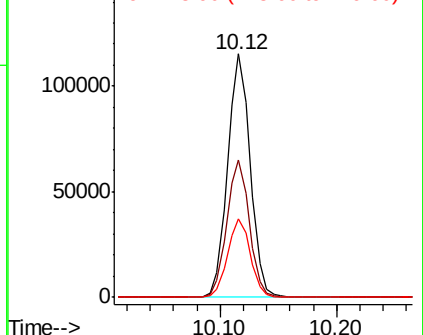
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
1513

Tgt Ion:117 Resp: 155512
Ion Ratio Lower Upper
117 100
82 56.4 44.3 66.5
119 32.0 25.6 38.4

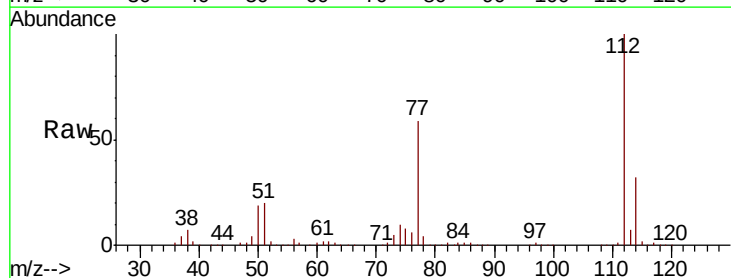


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

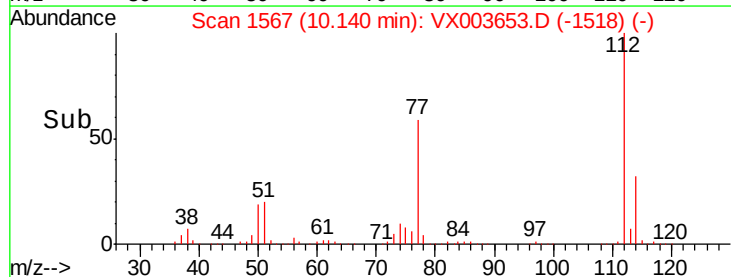
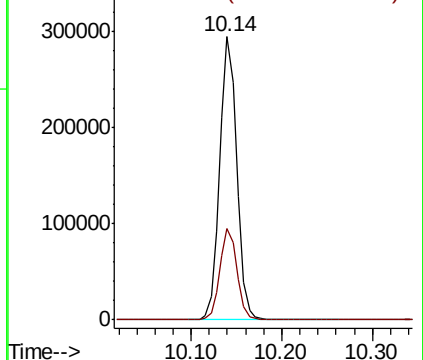


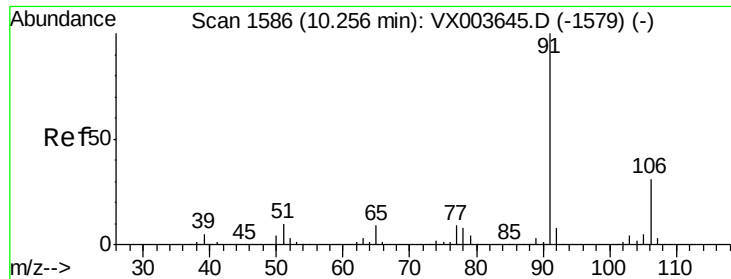
#65
Chlorobenzene
Concen: 99.017 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

Tgt Ion:112 Resp: 387524
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

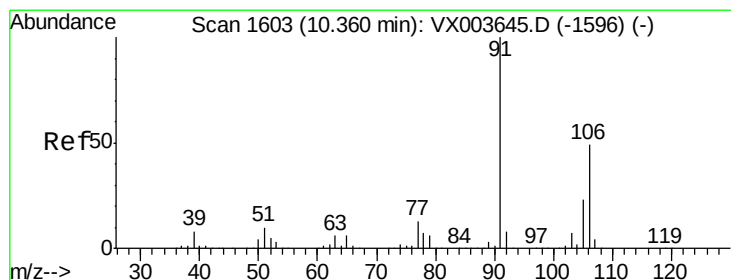
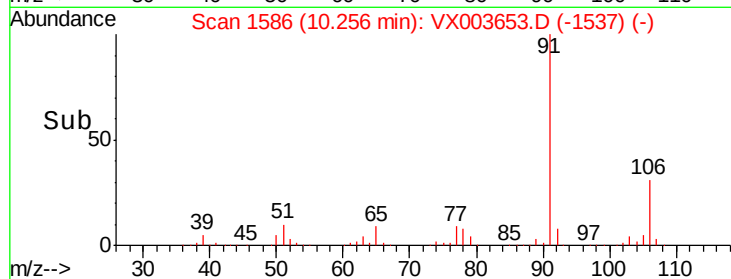
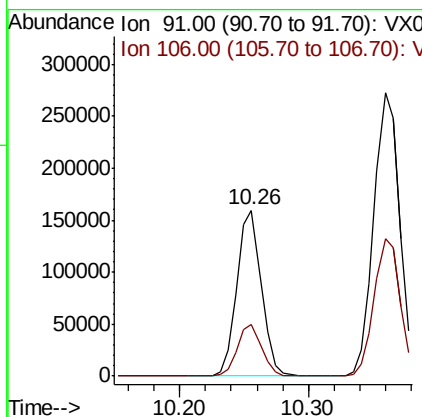
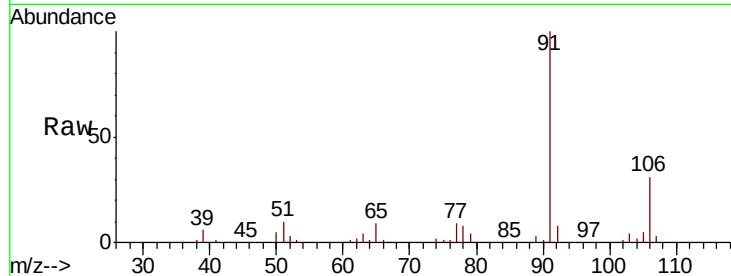




#67
Ethyl Benzene
Concen: 32.331 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

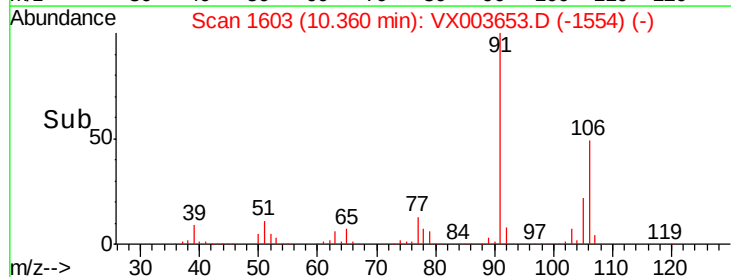
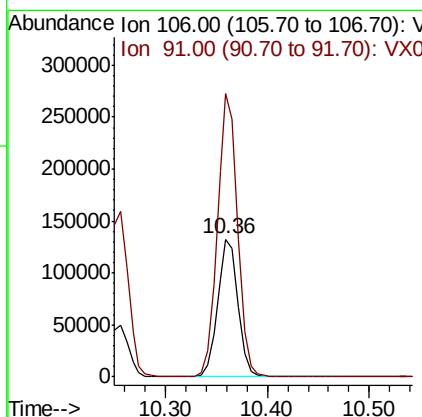
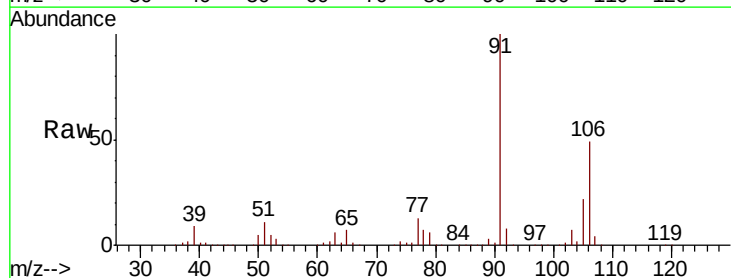
Instrument :
MSVOA_X
ClientSampleId :
1513

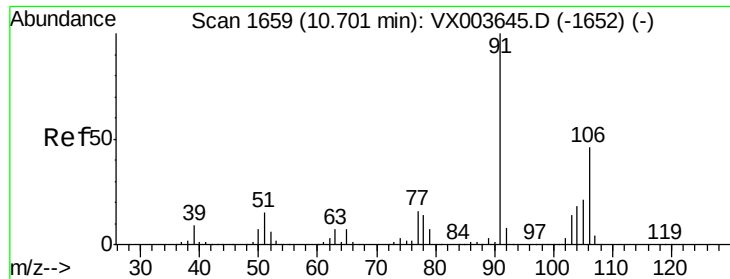
Tgt Ion: 91 Resp: 211804
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 73.557 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

Tgt Ion: 106 Resp: 184865
Ion Ratio Lower Upper
106 100
91 204.1 162.2 243.2

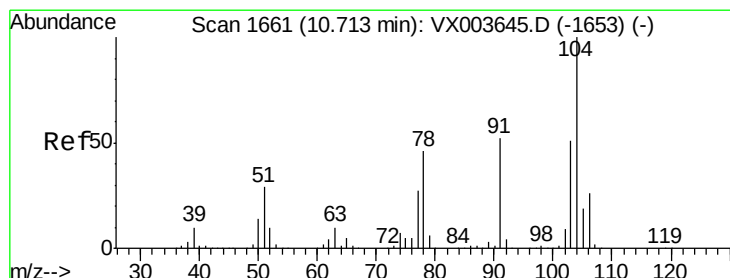
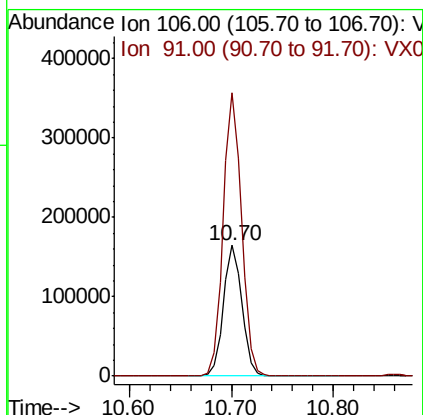
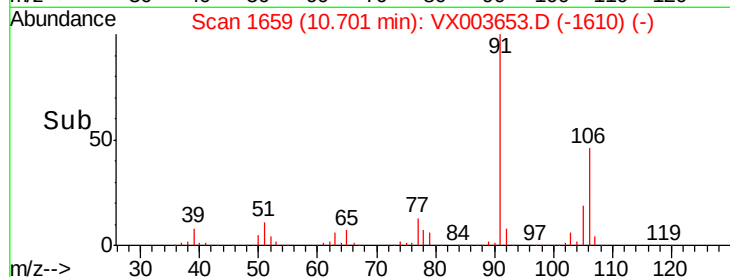
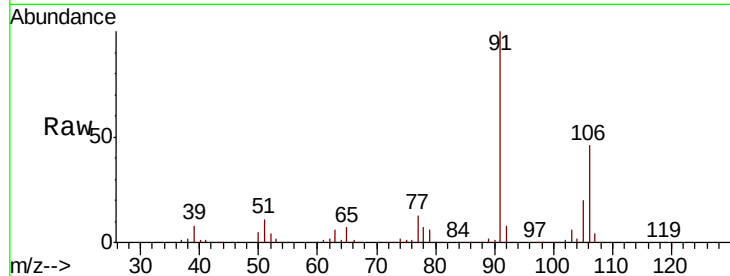




#69
o-Xylene
Concen: 86.010 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

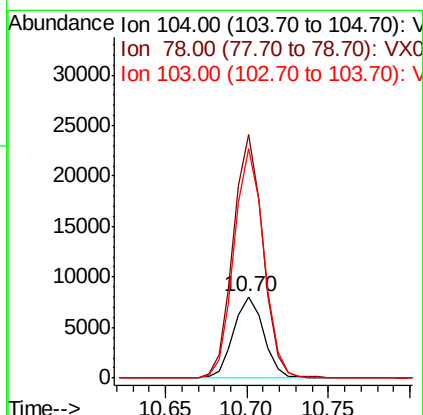
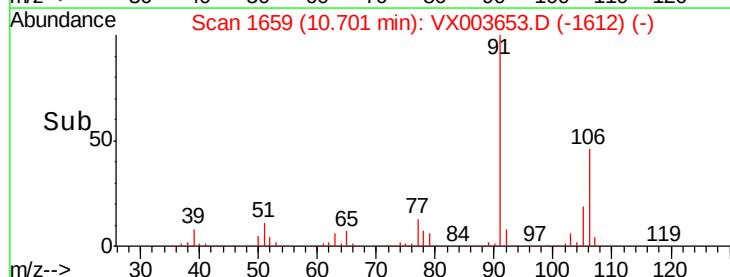
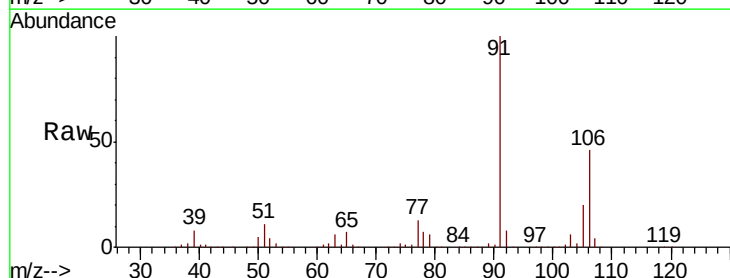
Instrument :
MSVOA_X
ClientSampleId :
1513

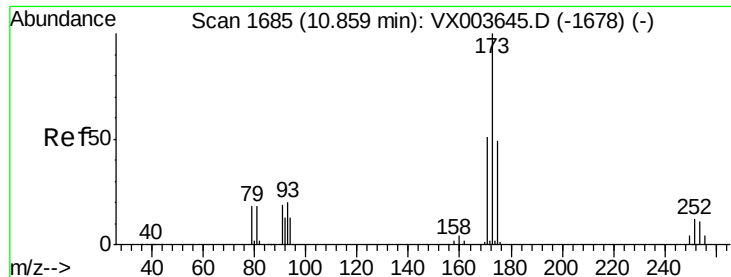
Tgt Ion:106 Resp: 208098
Ion Ratio Lower Upper
106 100
91 216.7 107.1 321.1



#70
Styrene
Concen: 2.580 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX003653.D
Acq: 25 Jul 2018 12:18

Tgt Ion:104 Resp: 10484
Ion Ratio Lower Upper
104 100
78 291.6 39.2 58.8#
103 276.0 44.2 66.4#





#71

Bromoform

Concen: 17.234 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

1513

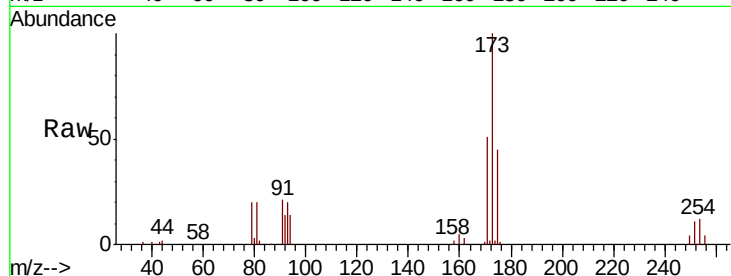
Tgt Ion:173 Resp: 18542

Ion Ratio Lower Upper

173 100

175 47.5 24.1 72.2

254 0.0 0.0 0.0

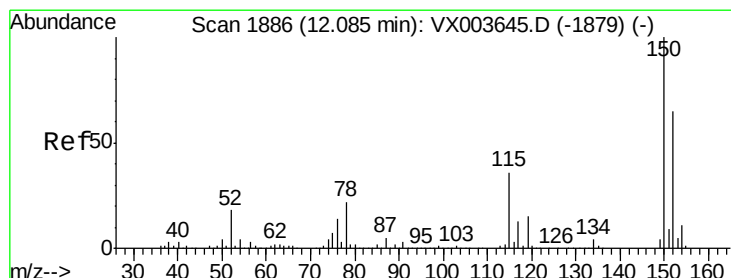
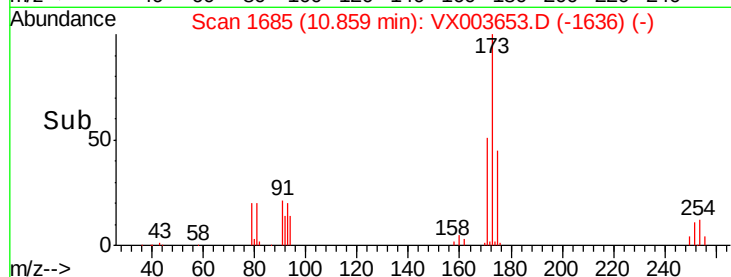
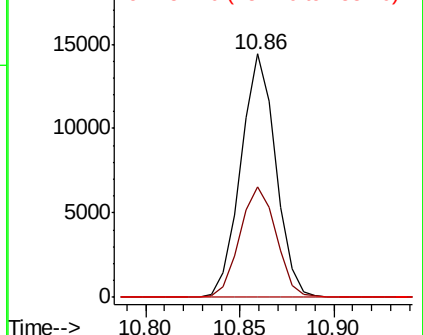


Abundance

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# 1885

Delta R.T. -0.01 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

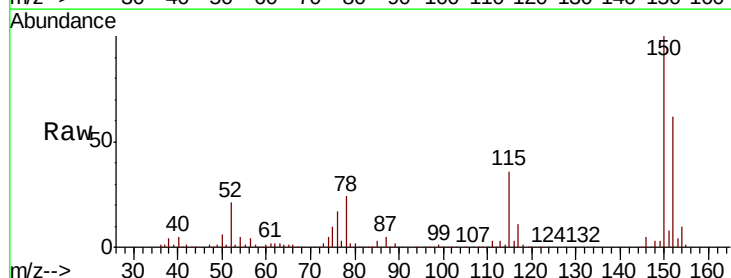
Tgt Ion:152 Resp: 98400

Ion Ratio Lower Upper

152 100

115 56.2 40.0 119.9

150 190.8 0.0 348.4

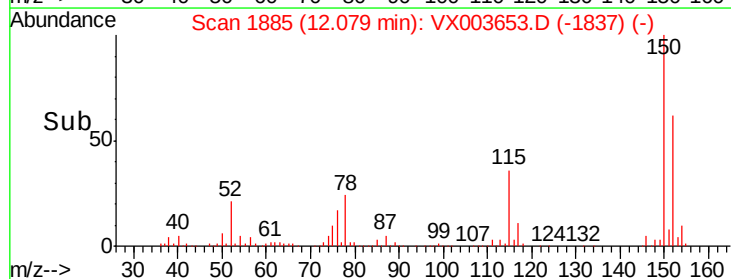
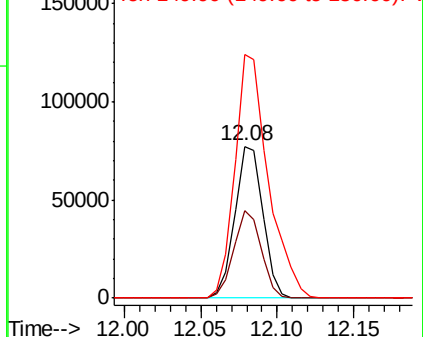


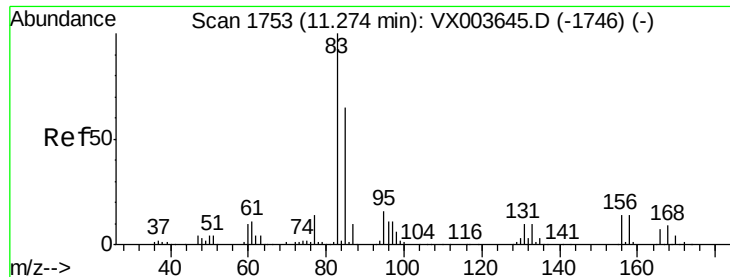
Abundance

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





#75

1,1,2,2-Tetrachloroethane

Concen: 1.512 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.02 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

1513

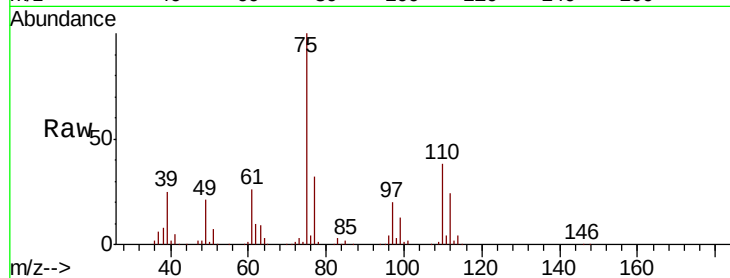
Tgt Ion: 83 Resp: 3753

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

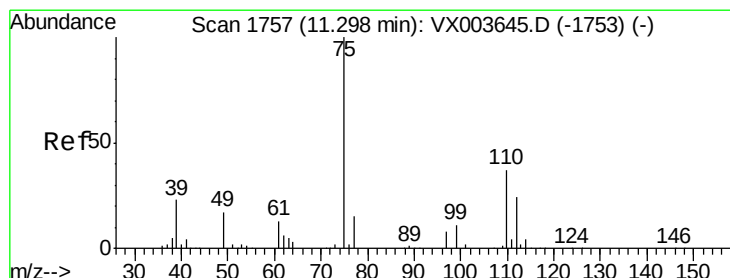
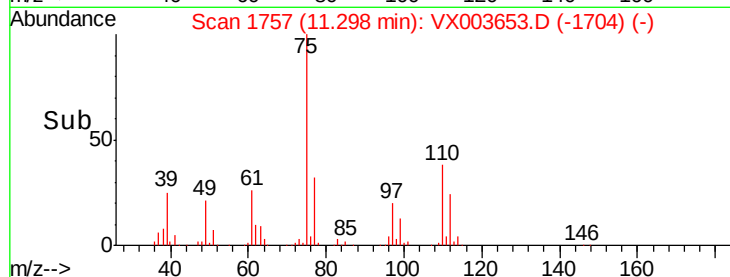
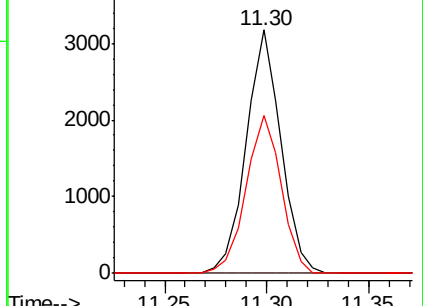
85 65.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.307 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003653.D

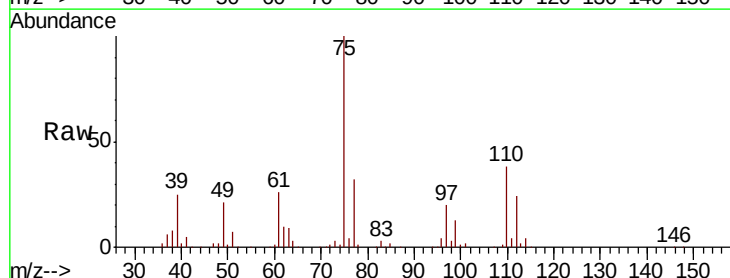
Acq: 25 Jul 2018 12:18

Tgt Ion: 75 Resp: 138915

Ion Ratio Lower Upper

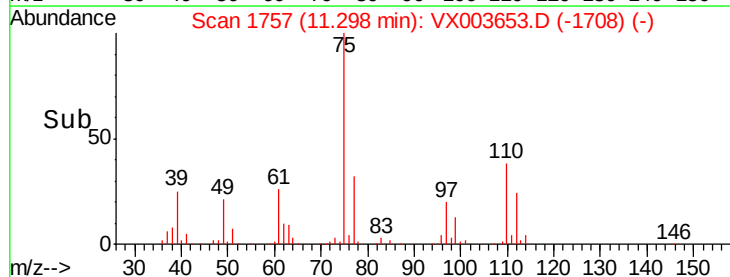
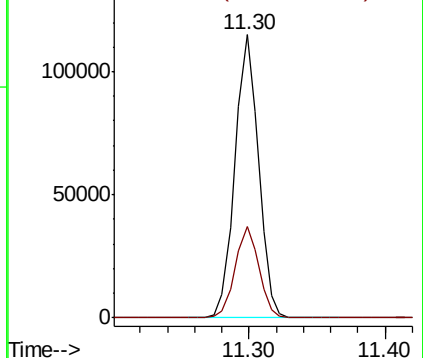
75 100

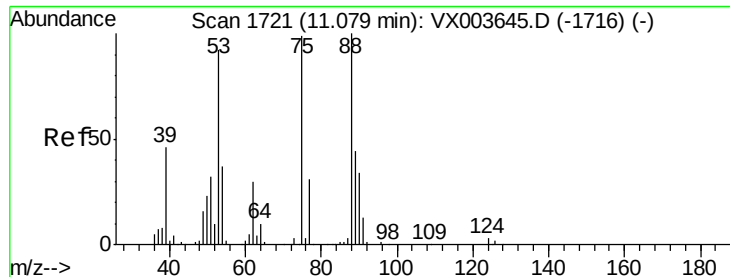
77 32.4 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 68.973 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

1513

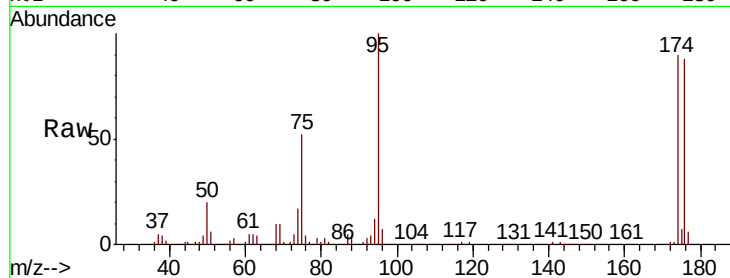
Tgt Ion: 75 Resp: 45946

Ion Ratio Lower Upper

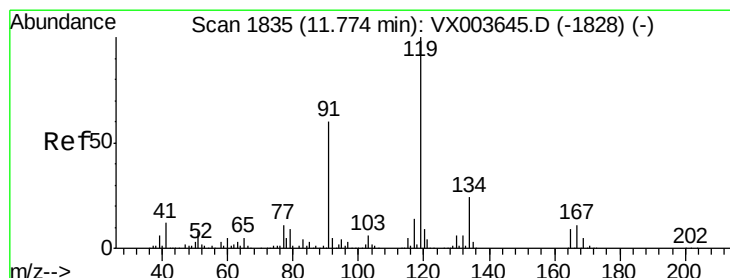
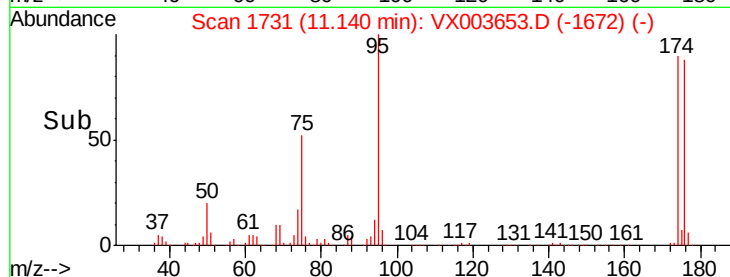
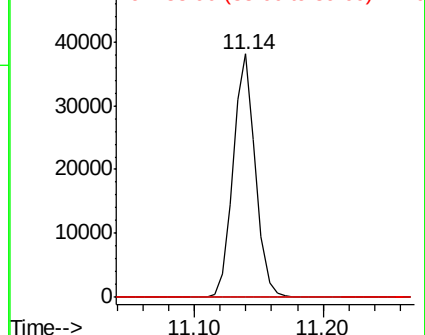
75 100

53 0.0 77.8 116.8#

89 0.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#83

tert-Butylbenzene

Concen: 4.401 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.04 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

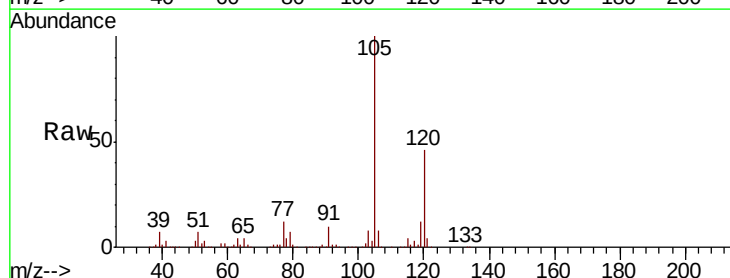
Tgt Ion: 119 Resp: 24494

Ion Ratio Lower Upper

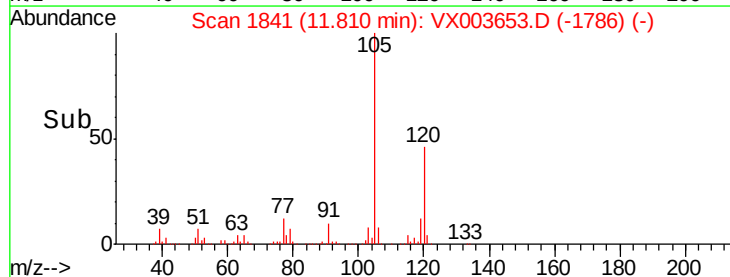
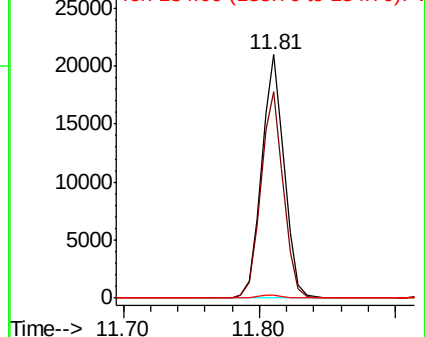
119 100

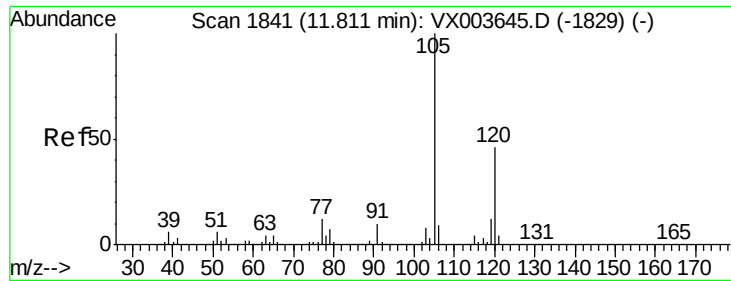
91 84.4 28.4 85.2

134 1.3 11.6 34.8#



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

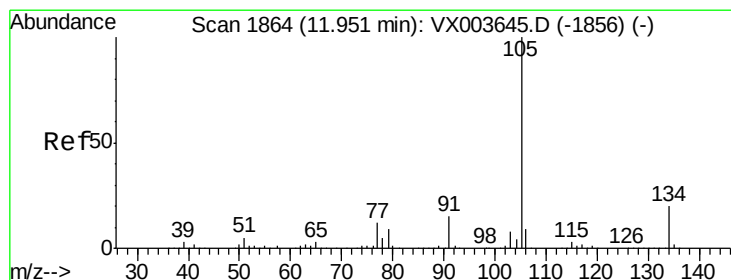
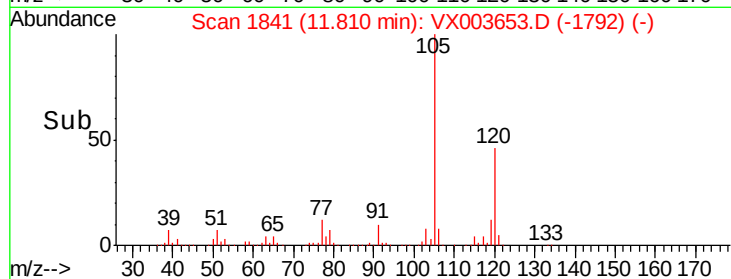
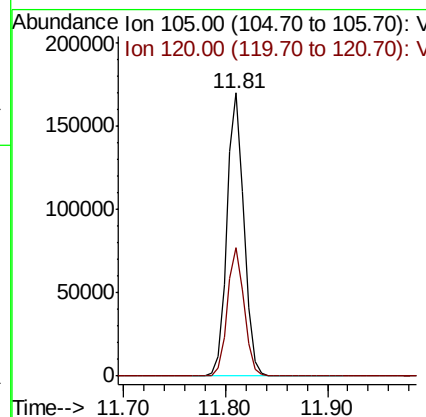
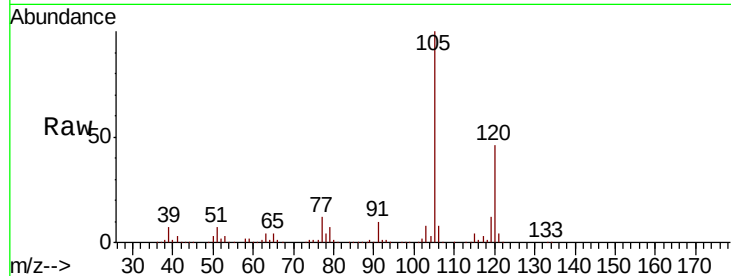




#84
 1,2,4-Trimethylbenzene
 Concen: 33.692 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

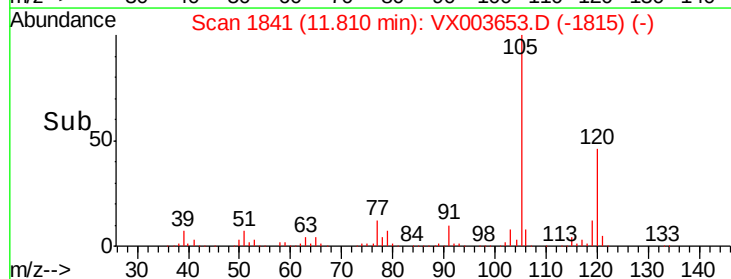
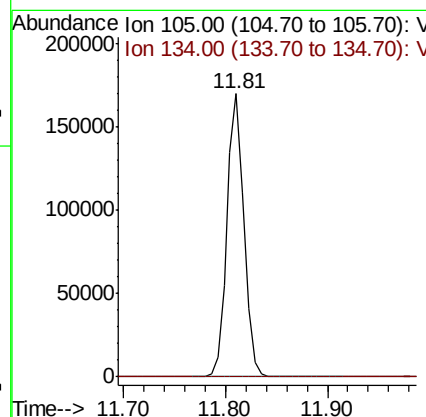
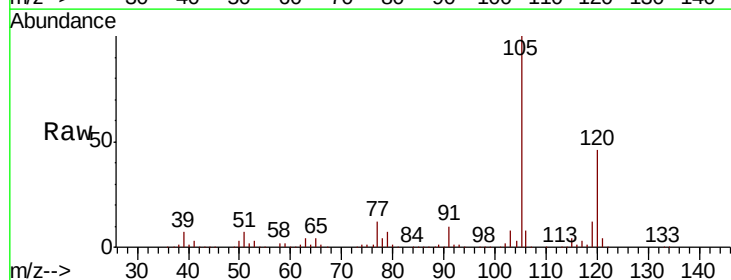
Instrument :
 MSVOA_X
 ClientSampleId :
 1513

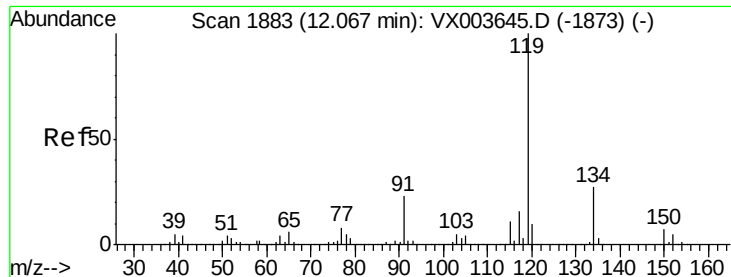
Tgt Ion:105 Resp: 196959
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 29.649 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.14 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

Tgt Ion:105 Resp: 196959
 Ion Ratio Lower Upper
 105 100
 134 0.2 10.1 30.1#

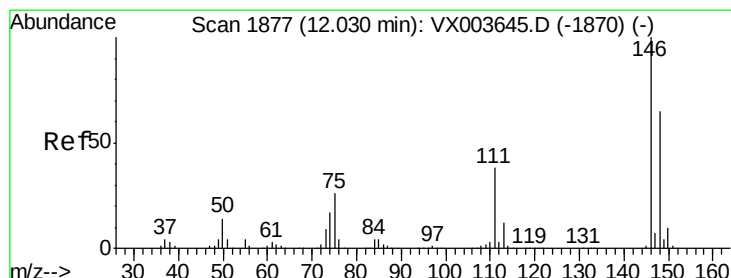
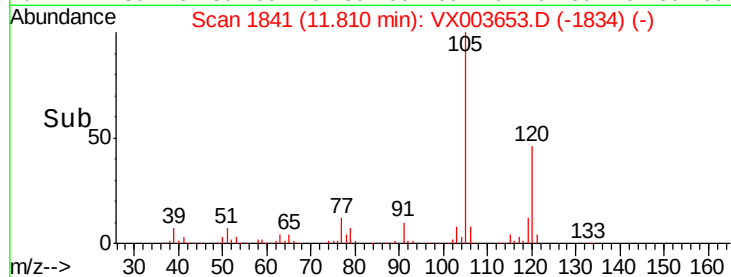
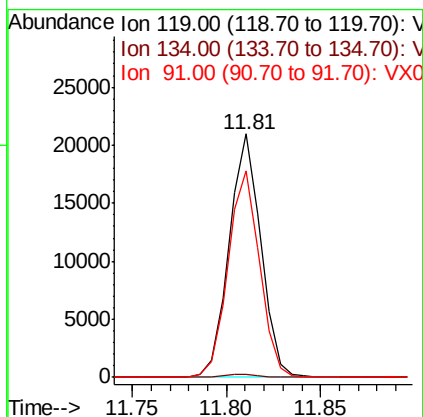
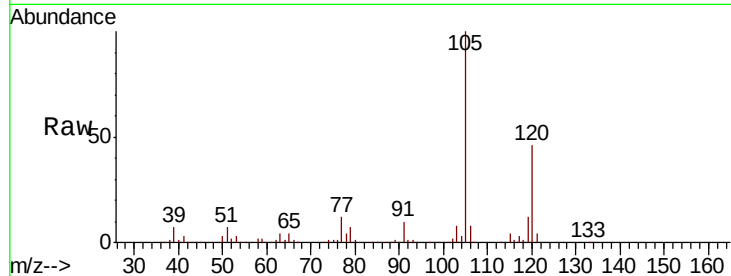




#86
 p-Isopropyltoluene
 Concen: 4.089 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.26 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

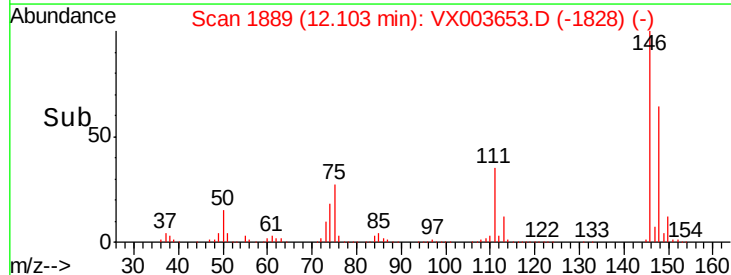
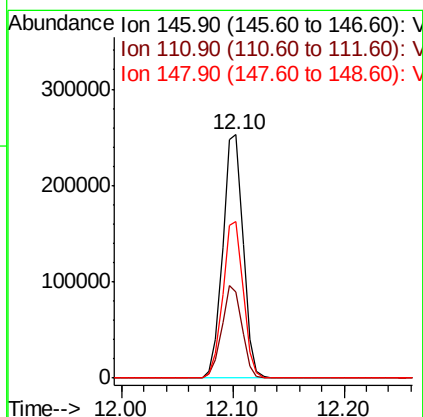
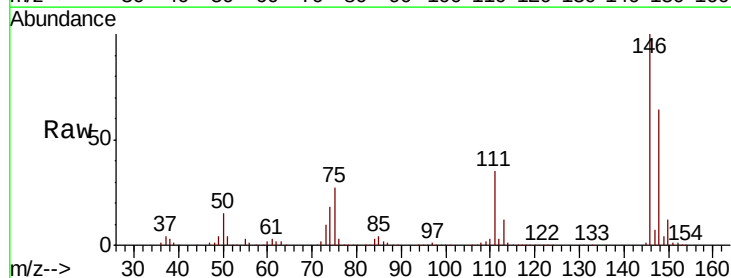
Instrument :
 MSVOA_X
 ClientSampled :
 1513

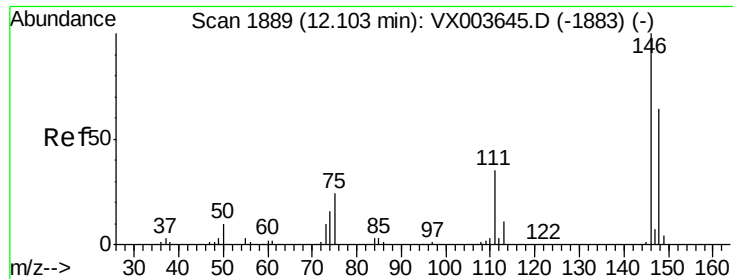
Tgt Ion:119 Resp: 24381
 Ion Ratio Lower Upper
 119 100
 134 1.3 13.3 39.9#
 91 84.7 11.5 34.5#



#87
 1,3-Dichlorobenzene
 Concen: 93.927 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.07 min
 Lab File: VX003653.D
 Acq: 25 Jul 2018 12:18

Tgt Ion:146 Resp: 319412
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.4 58.2
 148 64.3 32.4 97.0





#88

1,4-Dichlorobenzene

Concen: 90.342 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

1513

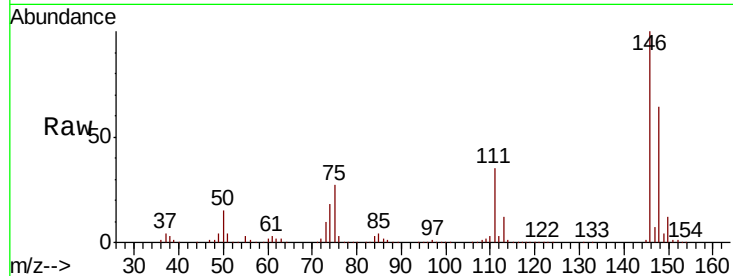
Tgt Ion:146 Resp: 319412

Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.6

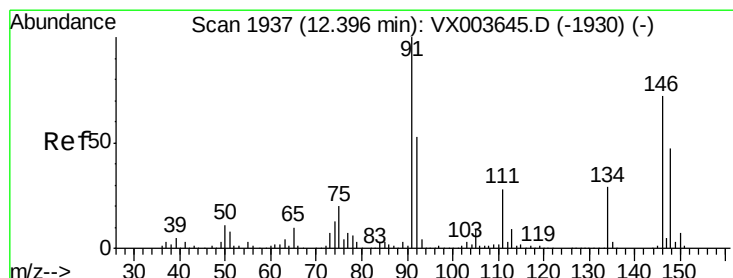
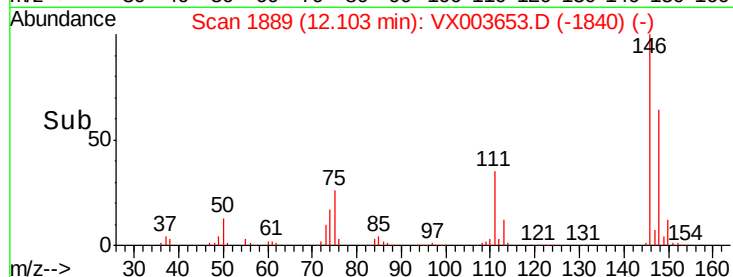
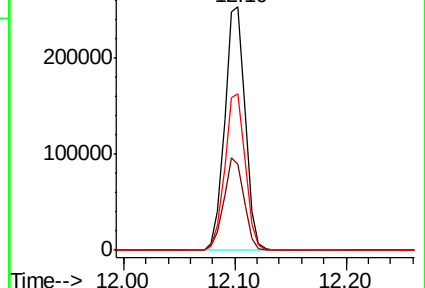
148 64.3 32.0 96.2



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



#91

1,2-Dichlorobenzene

Concen: 59.278 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

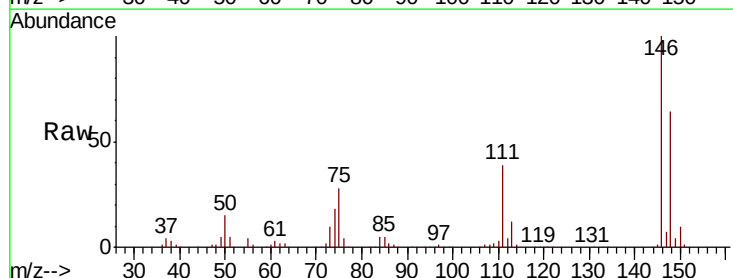
Tgt Ion:146 Resp: 205958

Ion Ratio Lower Upper

146 100

111 40.0 19.8 59.4

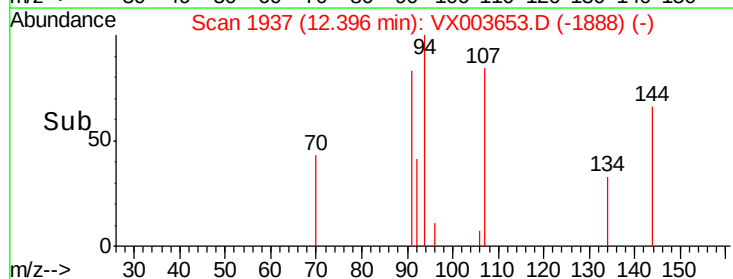
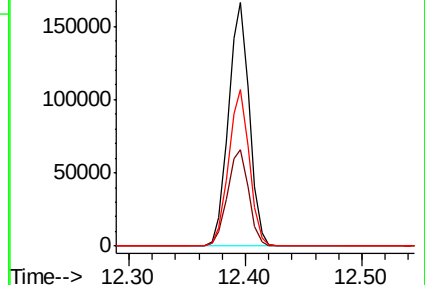
148 63.8 32.2 96.6

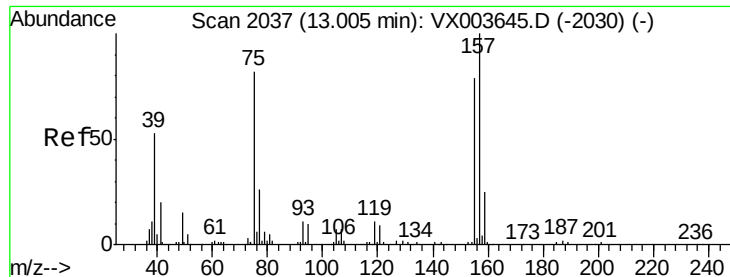


Abundance Ion 145.90 (145.60 to 146.60): V

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: 13.827 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

1513

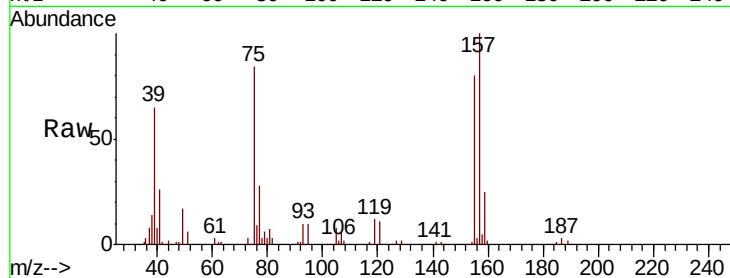
Tgt Ion: 75 Resp: 7146

Ion Ratio Lower Upper

75 100

155 89.2 46.1 138.3

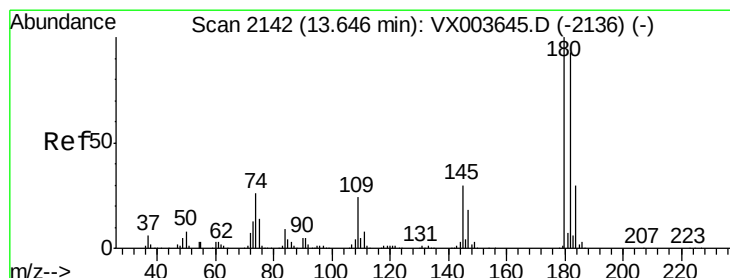
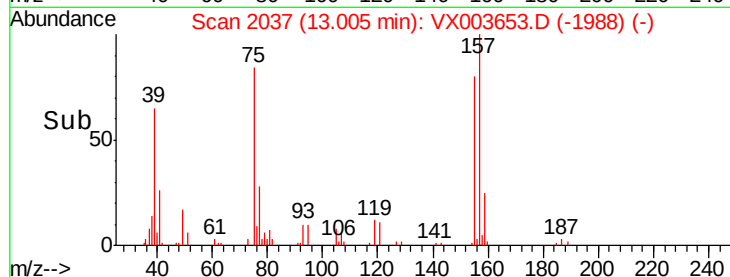
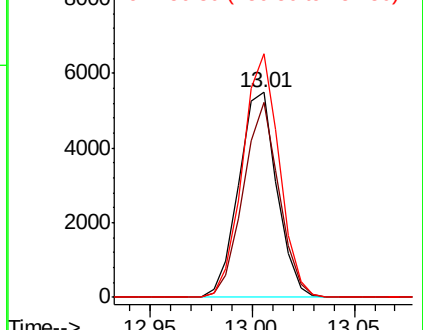
157 113.9 59.7 179.0



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: 95.716 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.01 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

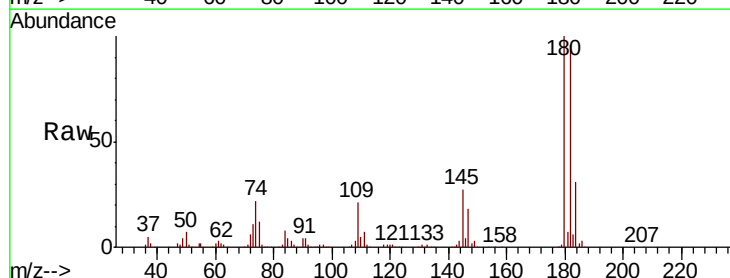
Tgt Ion: 180 Resp: 237297

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

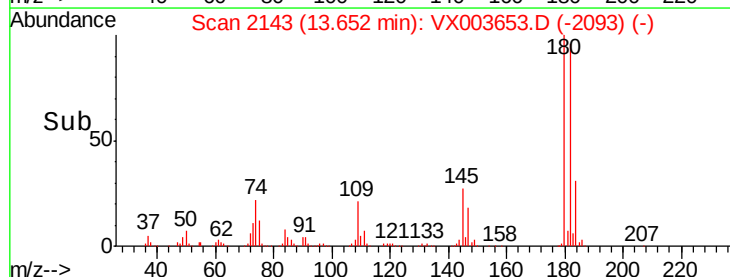
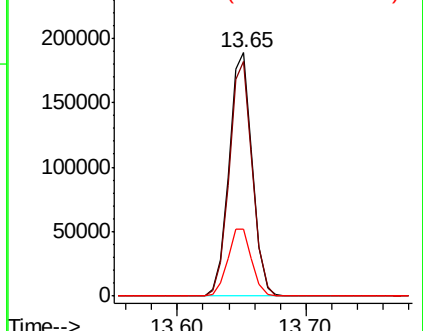
145 28.4 14.4 43.2

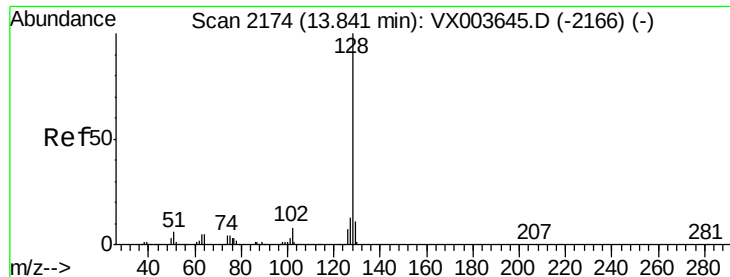


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 112.436 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :
1513

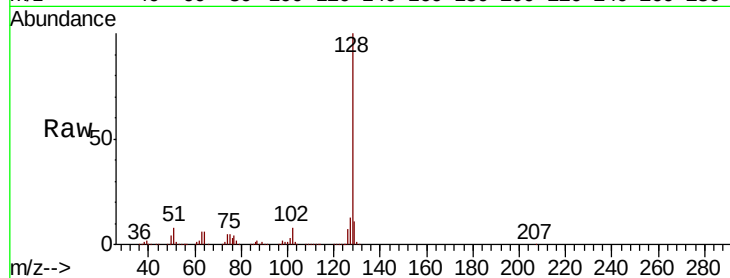
Tgt Ion:128 Resp: 843093

Ion Ratio Lower Upper

128 100

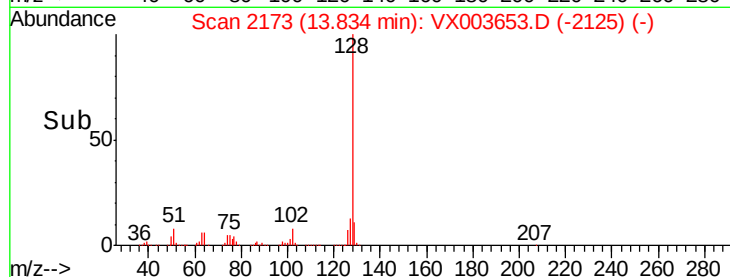
127 12.9 10.4 15.6

129 11.0 8.7 13.1

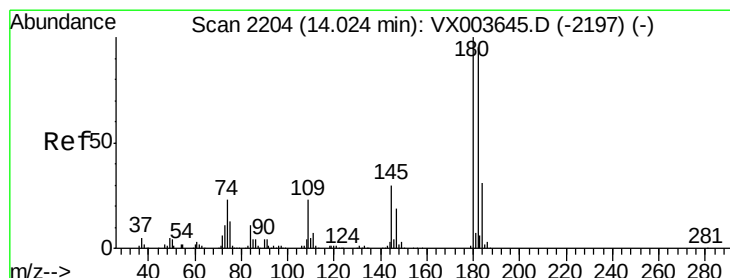


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 0.617 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003653.D

Acq: 25 Jul 2018 12:18

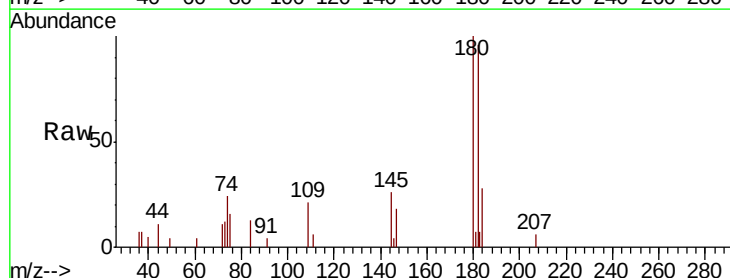
Tgt Ion:180 Resp: 1555

Ion Ratio Lower Upper

180 100

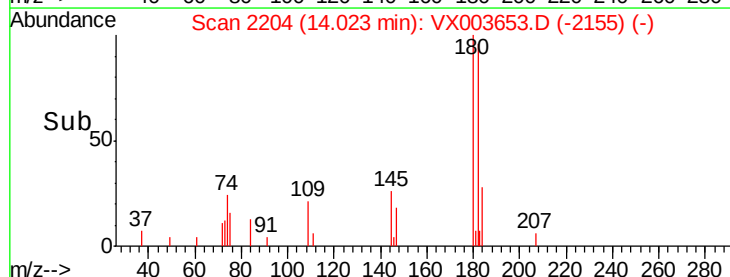
182 95.9 47.6 142.8

145 28.3 15.0 45.1



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

14.02



Time-->