

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
 Data File : VX003668.D
 Acq On : 25 Jul 2018 19:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 27 04:36:38 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	109200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	155455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100598	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	82529	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.51	113	67465	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
50) Toluene-d8	8.72	98	248844	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.14	95	93904	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	61071	49.105	ug/l	99
3) Chloromethane	1.32	50	87322	53.300	ug/l	99
4) Vinyl Chloride	1.40	62	93347	55.709	ug/l	98
5) Bromomethane	1.64	94	51790	64.008	ug/l	96
6) Chloroethane	1.71	64	62626	56.956	ug/l	99
7) Trichlorofluoromethane	1.92	101	119695	55.494	ug/l	98
8) Diethyl Ether	2.19	74	52286	55.323	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	73428	55.316	ug/l	98
10) Methyl Iodide	2.51	142	104244	57.734	ug/l	98
11) Tert butyl alcohol	3.08	59	110318	285.309	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70553	55.859	ug/l	93
13) Acrolein	2.29	56	45607	233.535	ug/l	97
14) Allyl chloride	2.73	41	144457	54.866	ug/l	97
15) Acrylonitrile	3.15	53	264158	282.753	ug/l	99
16) Acetone	2.45	43	212974	280.255	ug/l	100
17) Carbon Disulfide	2.57	76	194751	53.604	ug/l	100
18) Methyl Acetate	2.78	43	131970	57.499	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	259123	58.088	ug/l	97
20) Methylene Chloride	2.85	84	84115	55.862	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	77900	57.356	ug/l	97
22) Diisopropyl ether	3.88	45	280881	58.427	ug/l	91
23) Vinyl Acetate	3.83	43	1195010	290.182	ug/l	99
24) 1,1-Dichloroethane	3.70	63	150677	55.610	ug/l	100
25) 2-Butanone	4.71	43	325253	277.054	ug/l	97
26) 2,2-Dichloropropane	4.59	77	89658	52.336	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	83492	56.619	ug/l	98
28) Bromochloromethane	5.02	49	57114	52.529	ug/l	100
29) Tetrahydrofuran	5.17	42	198564	259.828	ug/l	97
30) Chloroform	5.22	83	127561	51.904	ug/l	95
31) Cyclohexane	5.57	56	105449	48.484	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	105771	51.823	ug/l	98
36) 1,1-Dichloropropene	5.80	75	89267	49.127	ug/l	100
37) Ethyl Acetate	4.87	43	121006	55.382	ug/l	100
38) Carbon Tetrachloride	5.78	117	88276	50.404	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101125	50.559	ug/l	99
40) Benzene	6.15	78	263345	48.973	ug/l	100
41) Methacrylonitrile	5.07	41	65949	54.507	ug/l	99
42) 1,2-Dichloroethane	6.20	62	96201	50.829	ug/l	100
43) Isopropyl Acetate	6.47	43	159647	50.086	ug/l	99
44) Trichloroethene	7.22	130	69685	48.335	ug/l	99
45) 1,2-Dichloropropane	7.52	63	69825	50.234	ug/l	98
46) Dibromomethane	7.66	93	45070	50.475	ug/l	99
47) Bromodichloromethane	7.90	83	86631	51.746	ug/l	100
48) Methyl methacrylate	7.79	41	88737	54.861	ug/l	96
49) 1,4-Dioxane	7.76	88	36517	1011.932	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	557178	259.071	ug/l	99
52) Toluene	8.79	92	169083	50.586	ug/l	99
53) t-1,3-Dichloropropene	9.05	75	101915	54.981	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	105855	51.896	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	72931	53.380	ug/l	100
56) Ethyl methacrylate	9.19	69	115762	56.936	ug/l	98
57) 1,3-Dichloropropane	9.38	76	117034	51.014	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	272961	267.161	ug/l	100
59) 2-Hexanone	9.50	43	434382	263.301	ug/l	100
60) Dibromochloromethane	9.59	129	69613	53.718	ug/l	99
61) 1,2-Dibromoethane	9.68	107	74847	52.610	ug/l	99
64) Tetrachloroethene	9.34	164	64609	39.045	ug/l	99
65) Chlorobenzene	10.14	112	220833	48.482	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	77383	48.867	ug/l	100
67) Ethyl Benzene	10.26	91	375582	49.260	ug/l	99
68) m/p-Xylenes	10.36	106	280589	95.928	ug/l	100
69) o-Xylene	10.70	106	124797	44.319	ug/l	99
70) Styrene	10.71	104	211238	44.658	ug/l	99
71) Bromoform	10.86	173	53548	42.764	ug/l #	99
73) Isopropylbenzene	11.02	105	329933	48.003	ug/l	99
74) N-amyl acetate	6.47	43	159647	44.536	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	117714	46.378	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	149882	71.034	ug/l	83
77) Bromobenzene	11.26	156	85516	45.809	ug/l	99
78) n-propylbenzene	11.36	91	417600	52.618	ug/l	100
79) 2-Chlorotoluene	11.42	91	228528	47.376	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	280502	48.238	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	33490	49.176	ug/l	97
82) 4-Chlorotoluene	11.51	91	267060	47.000	ug/l	99
83) tert-Butylbenzene	11.77	119	306272	53.826	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	302186	50.563	ug/l	100
85) sec-Butylbenzene	11.95	105	335157	49.350	ug/l	100
86) p-Isopropyltoluene	12.07	119	306137	50.222	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	158948	45.719	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	163063	45.113	ug/l	99
89) n-Butylbenzene	12.39	91	273211	49.728	ug/l	99
90) Hexachloroethane	12.60	117	47069	50.987	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	171060	48.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25488	48.241	ug/l	98

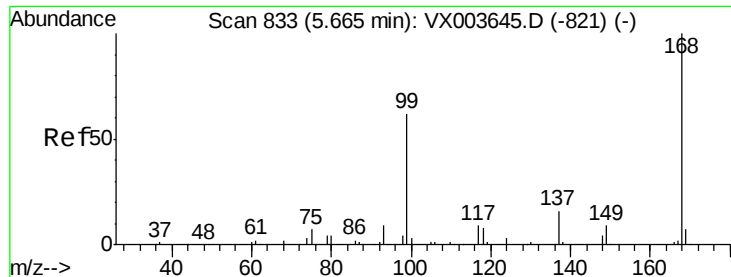
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	116697	46.043	ug/l	99
94) Hexachlorobutadiene	13.79	225	61021	52.038	ug/l	99
95) Naphthalene	13.83	128	424966	55.436	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117618	45.685	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

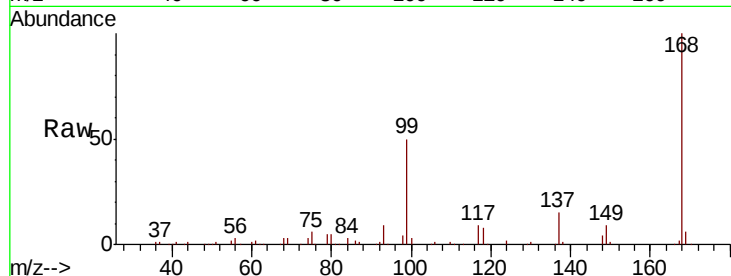
VSTDCCC050EC

Tgt Ion:168 Resp: 109200

Ion Ratio Lower Upper

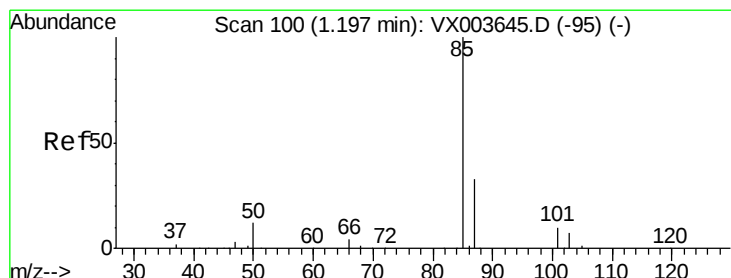
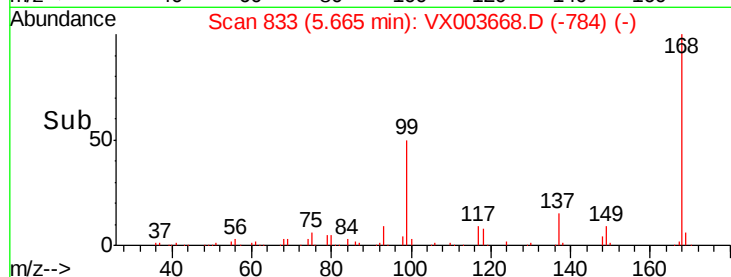
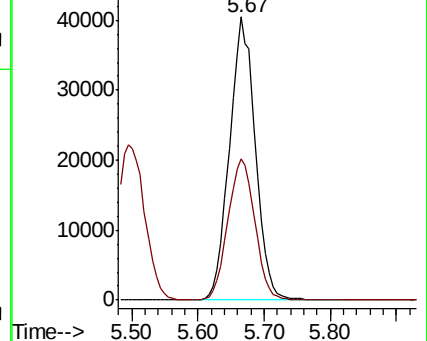
168 100

99 49.8 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.105 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003668.D

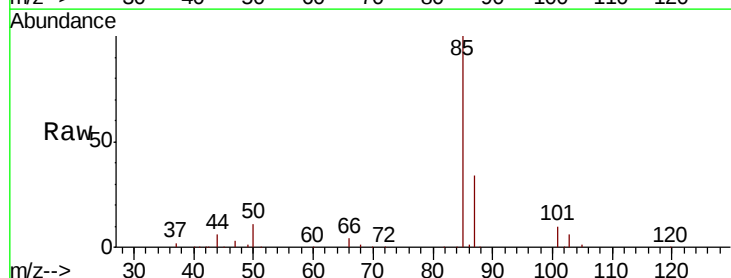
Acq: 25 Jul 2018 19:57

Tgt Ion: 85 Resp: 61071

Ion Ratio Lower Upper

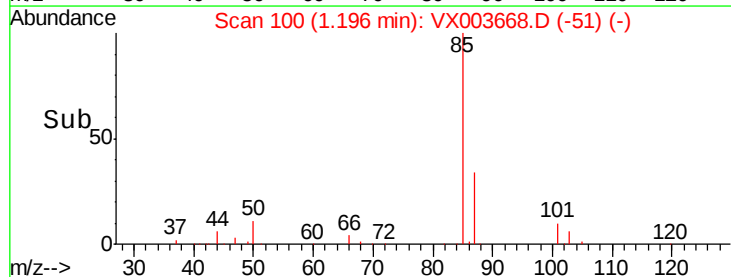
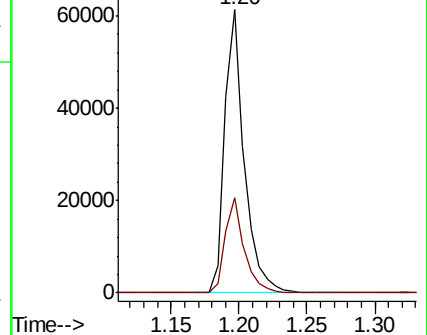
85 100

87 33.7 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.300 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

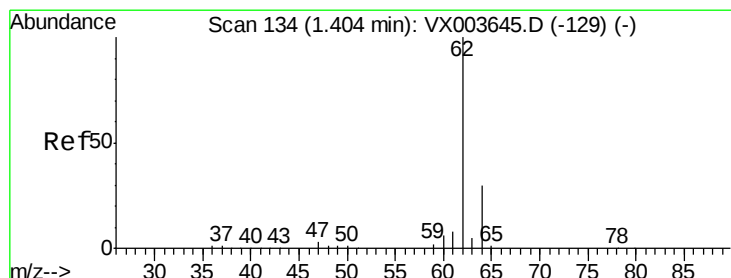
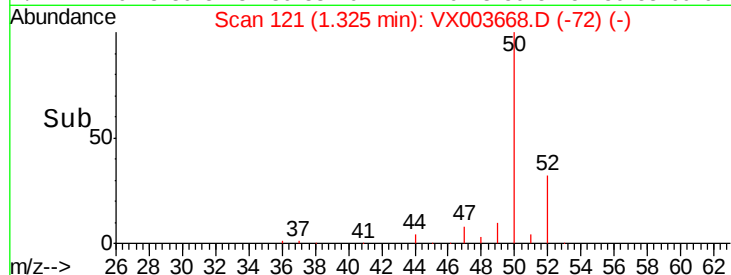
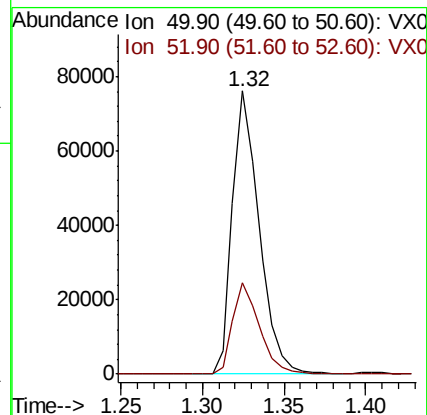
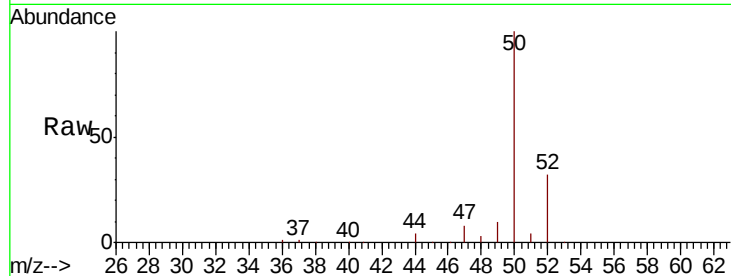
VSTDCCC050EC

Tgt Ion: 50 Resp: 87322

Ion Ratio Lower Upper

50 100

52 32.3 26.3 39.5



#4

Vinyl Chloride

Concen: 55.709 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003668.D

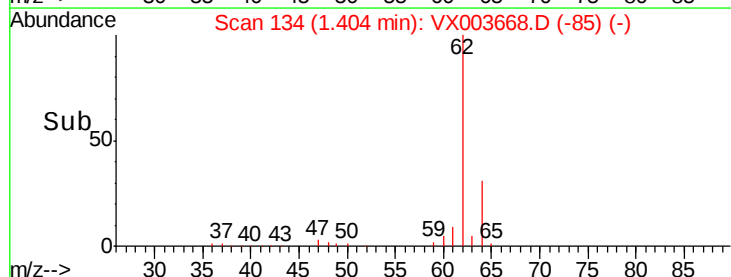
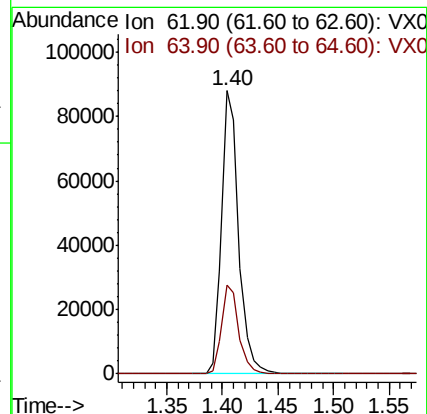
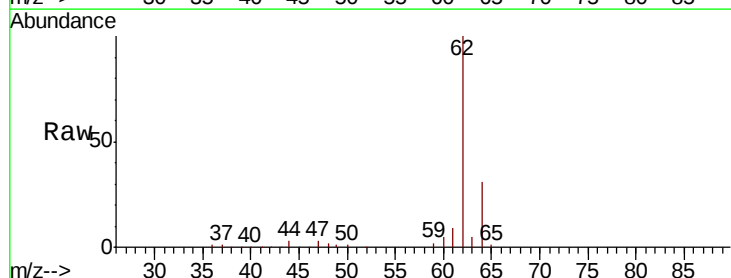
Acq: 25 Jul 2018 19:57

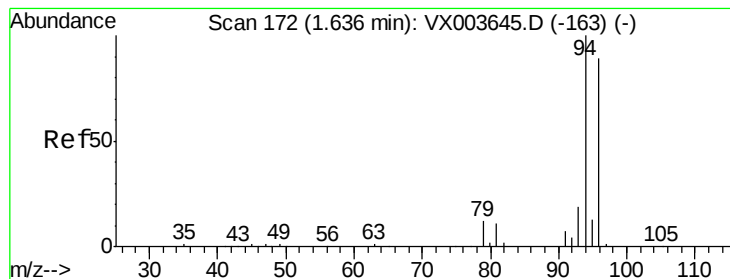
Tgt Ion: 62 Resp: 93347

Ion Ratio Lower Upper

62 100

64 31.3 24.4 36.6





#5

Bromomethane

Concen: 64.008 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

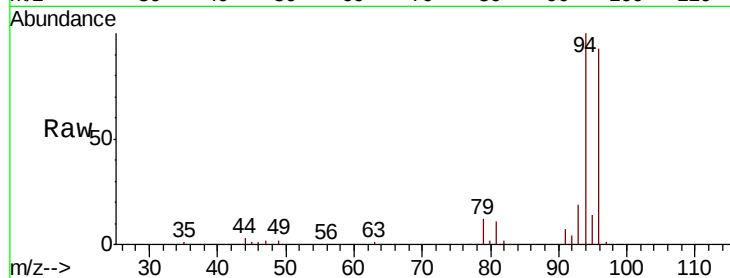
VSTDCCC050EC

Tgt Ion: 94 Resp: 51790

Ion Ratio Lower Upper

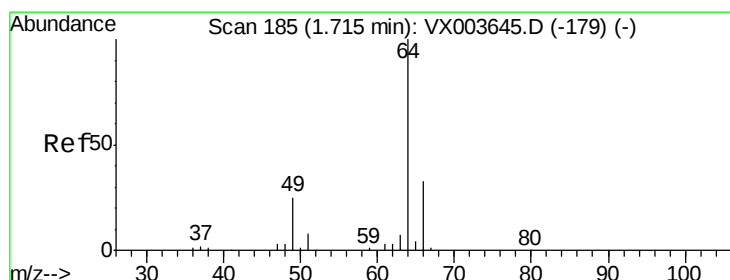
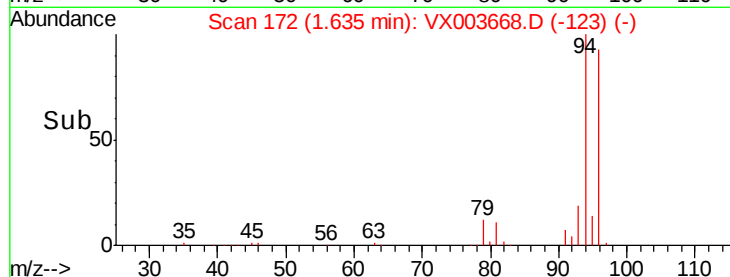
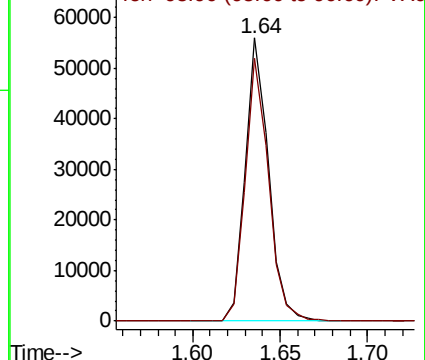
94 100

96 92.7 71.3 106.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.956 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003668.D

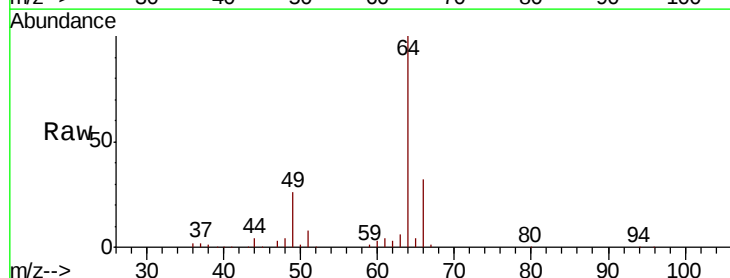
Acq: 25 Jul 2018 19:57

Tgt Ion: 64 Resp: 62626

Ion Ratio Lower Upper

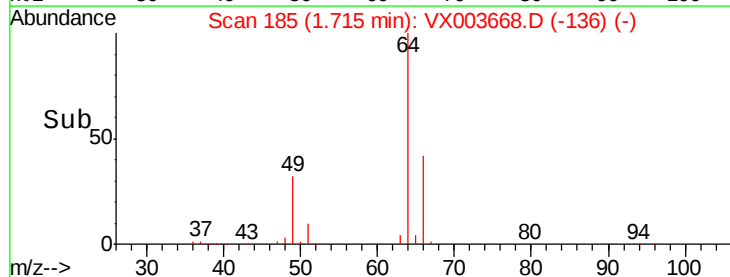
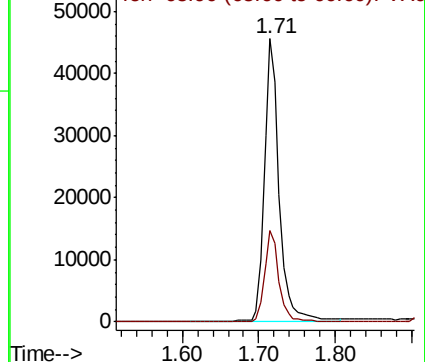
64 100

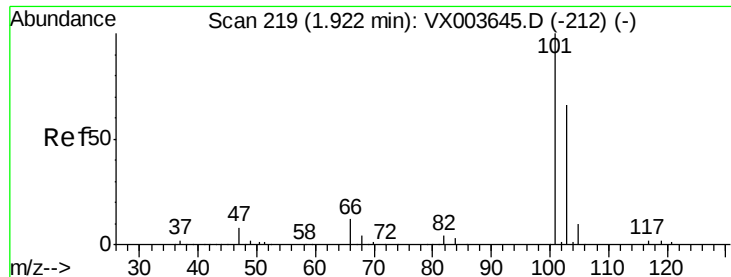
66 32.4 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



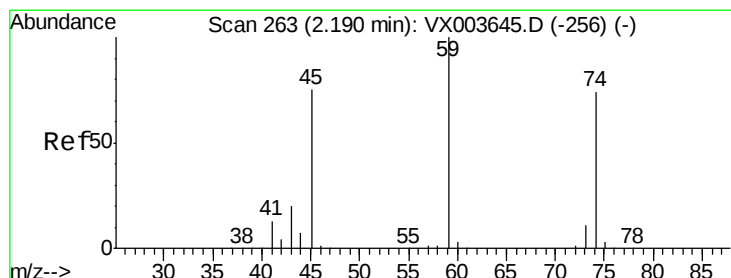
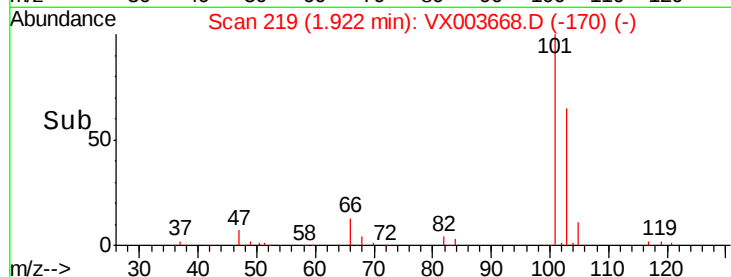
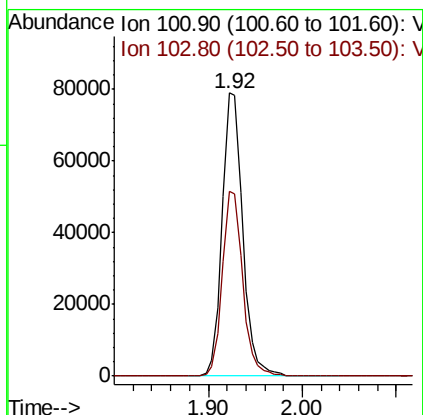
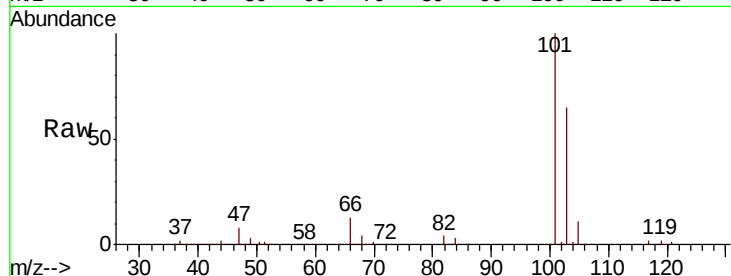


#7

Trichlorofluoromethane
 Concen: 55.494 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

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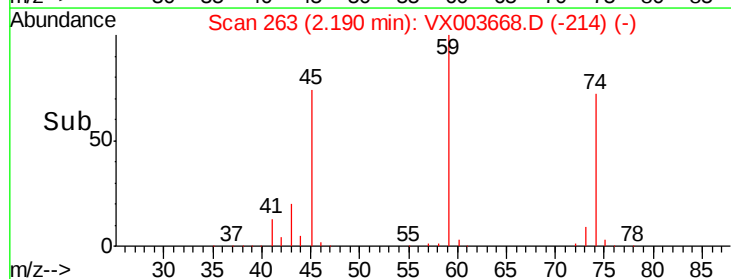
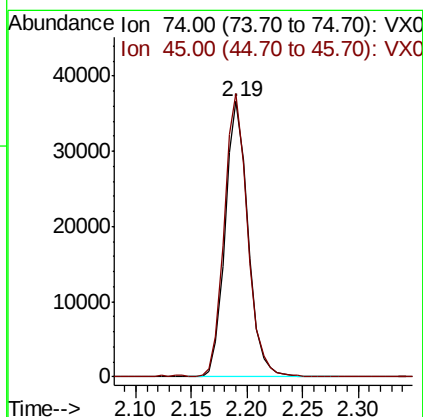
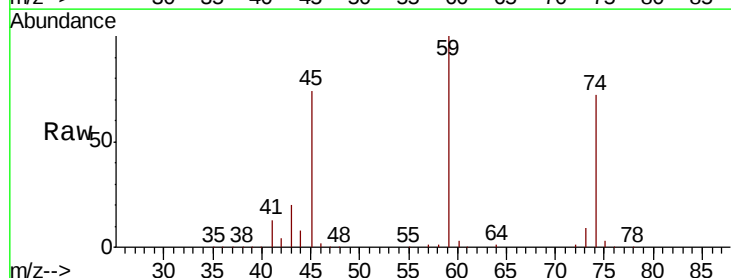
Tgt Ion:101 Resp: 119695
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.2 79.8

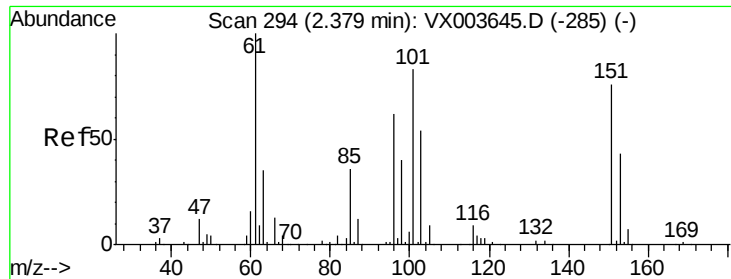


#8

Diethyl Ether
 Concen: 55.323 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion: 74 Resp: 52286
 Ion Ratio Lower Upper
 74 100
 45 103.8 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.316 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

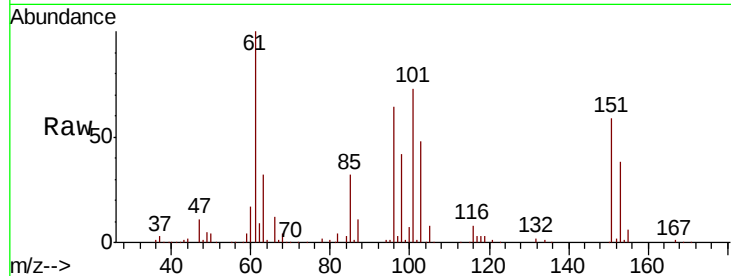
Tgt Ion:101 Resp: 73428

Ion Ratio Lower Upper

101 100

85 43.0 34.6 52.0

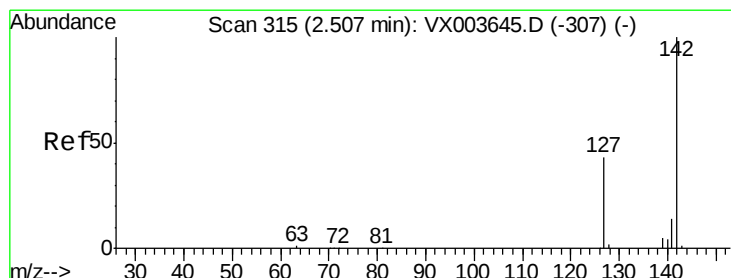
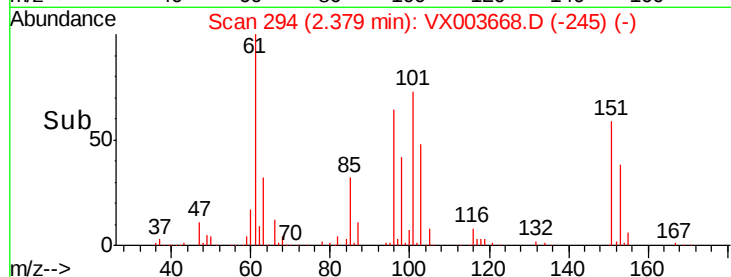
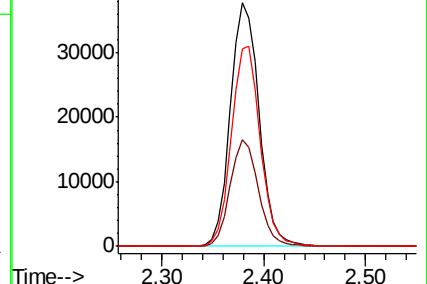
151 82.5 67.5 101.3



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: 57.734 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

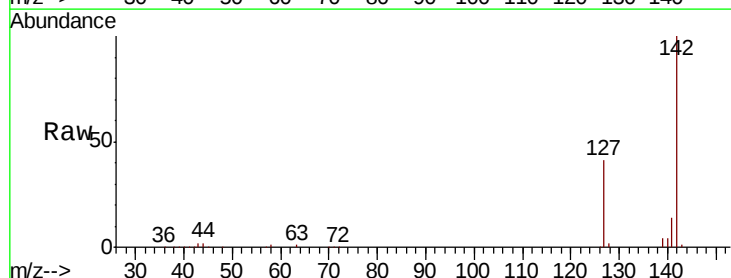
Tgt Ion:142 Resp: 104244

Ion Ratio Lower Upper

142 100

127 40.9 34.0 51.0

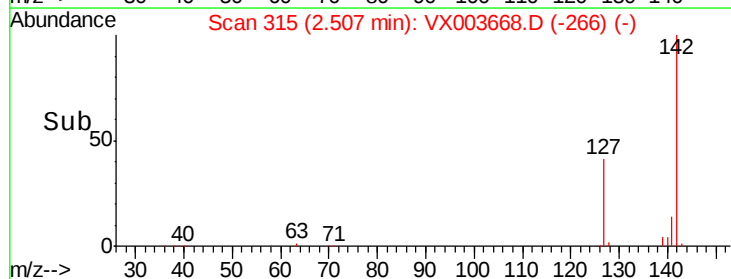
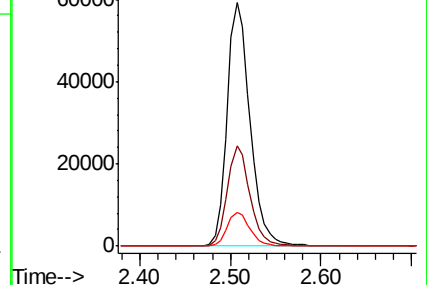
141 13.9 11.3 16.9

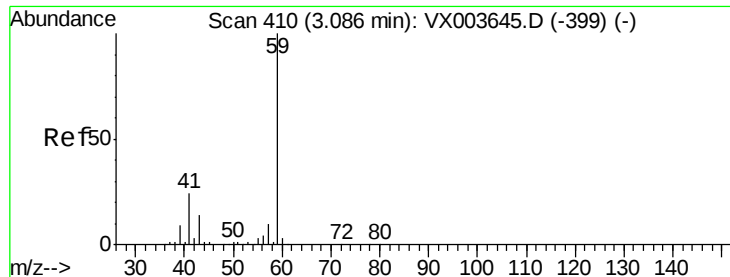


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

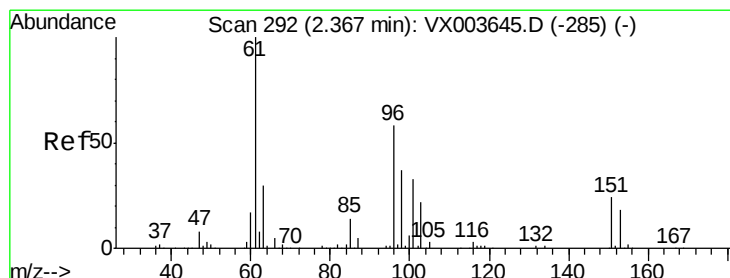
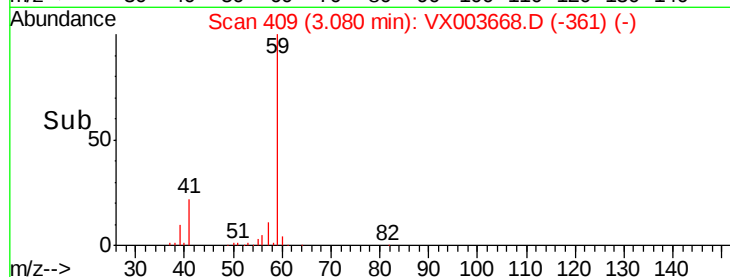
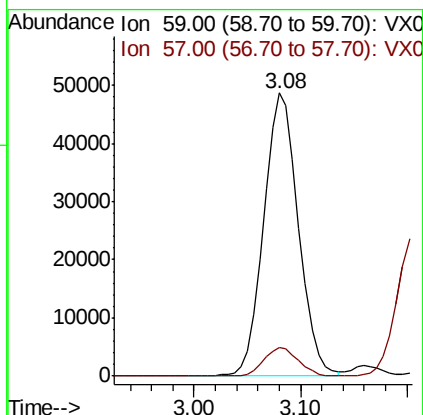
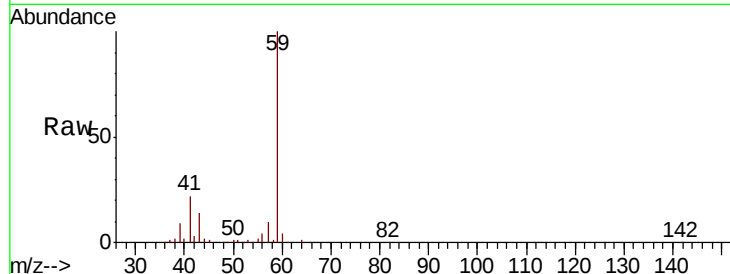




#11
Tert butyl alcohol
Concen: 285.309 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

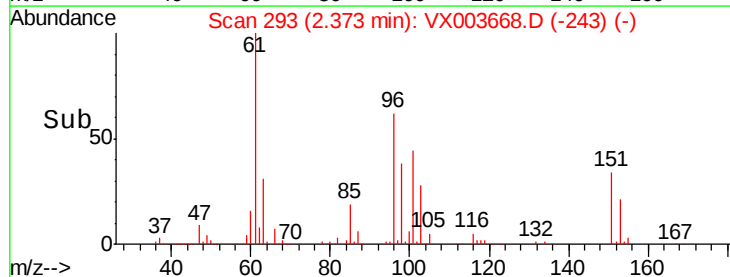
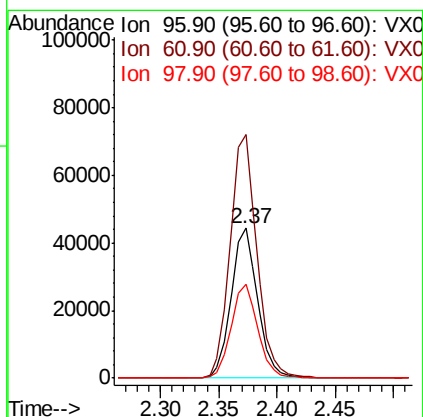
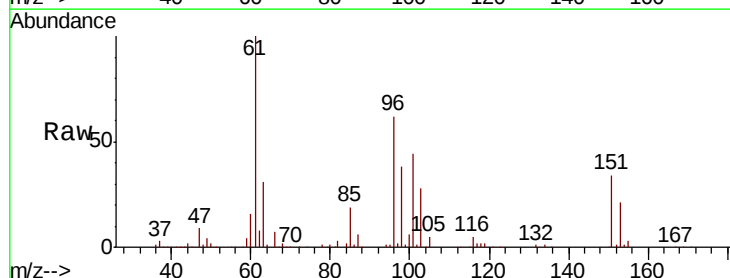
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

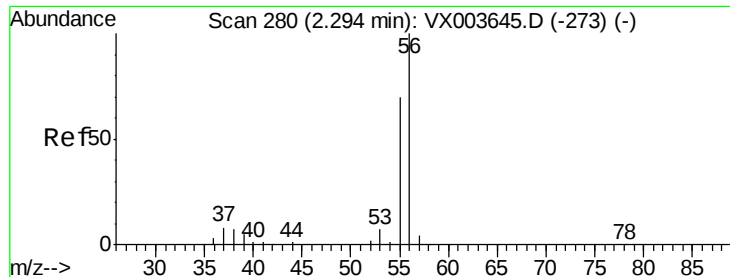
Tgt Ion: 59 Resp: 110318
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 55.859 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion: 96 Resp: 70553
Ion Ratio Lower Upper
96 100
61 162.3 138.8 208.2
98 62.5 51.4 77.2

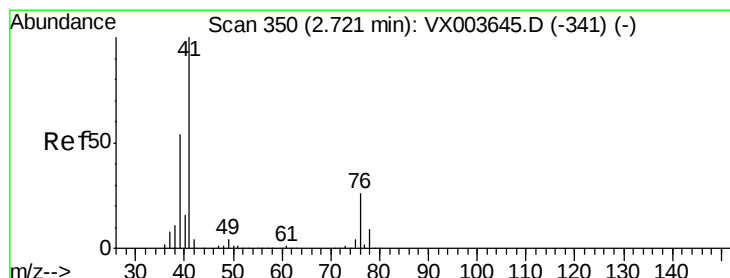
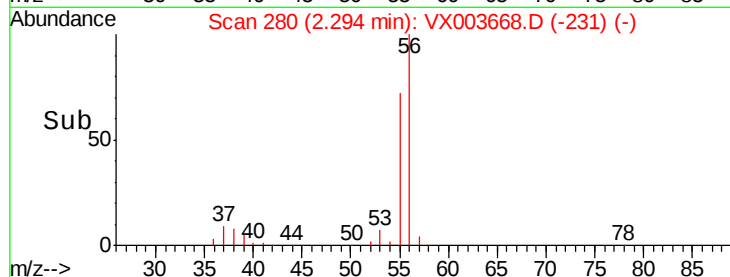
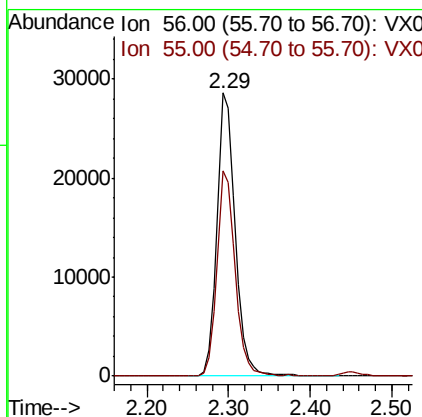
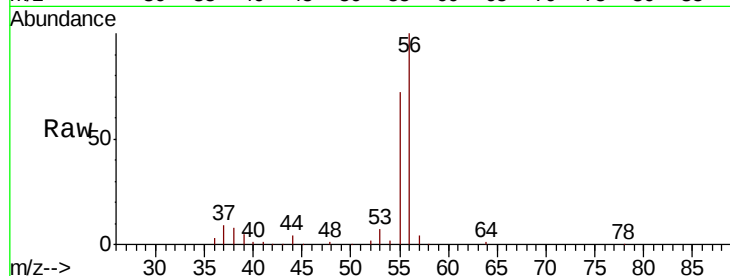




#13
Acrolein
Concen: 233.535 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

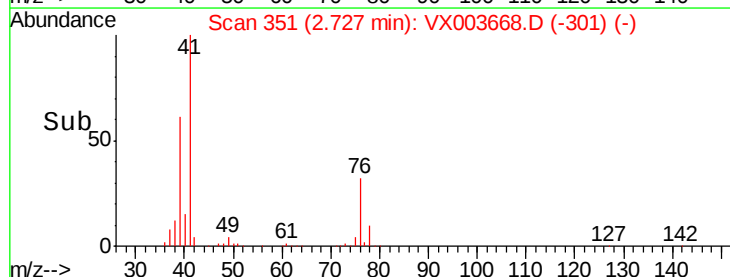
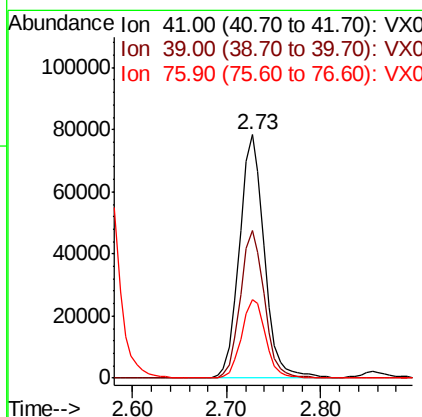
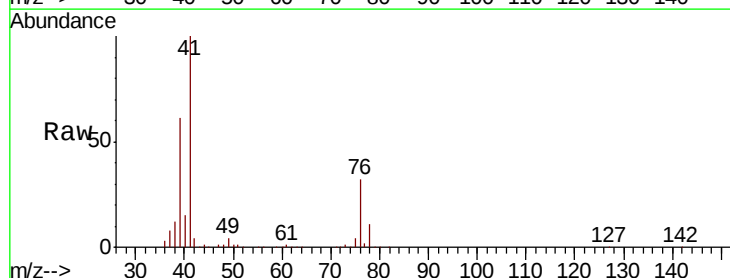
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

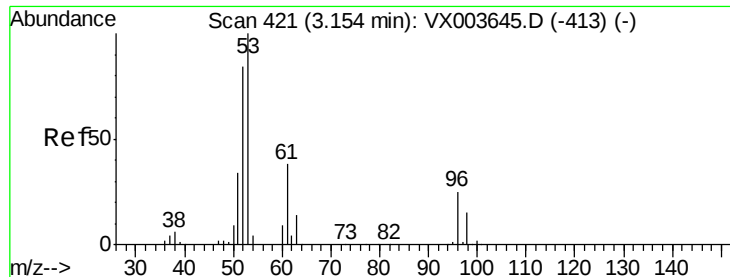
Tgt Ion: 56 Resp: 45607
Ion Ratio Lower Upper
56 100
55 72.0 55.4 83.2



#14
Allyl chloride
Concen: 54.866 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.01 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion: 41 Resp: 144457
Ion Ratio Lower Upper
41 100
39 58.3 45.3 67.9
76 31.4 23.8 35.6





#15

Acrylonitrile

Concen: 282.753 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

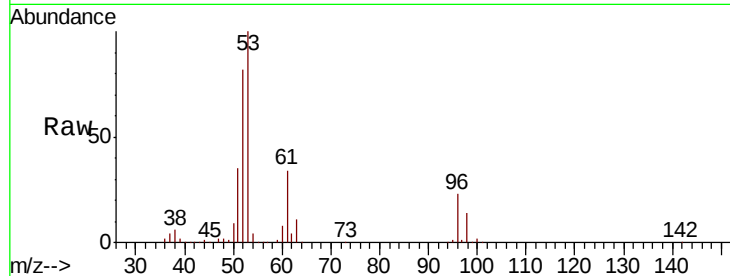
Tgt Ion: 53 Resp: 264158

Ion Ratio Lower Upper

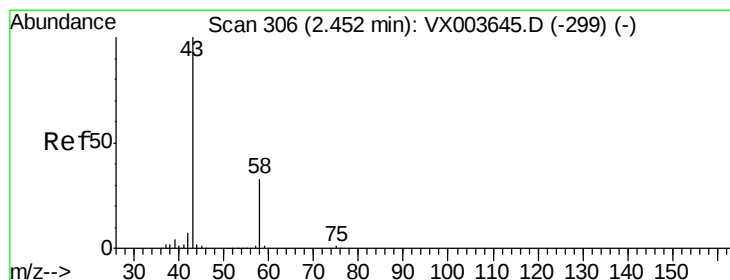
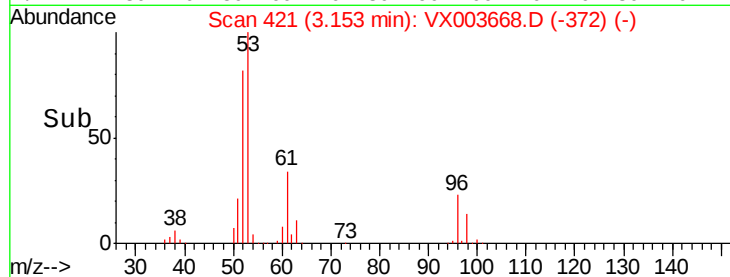
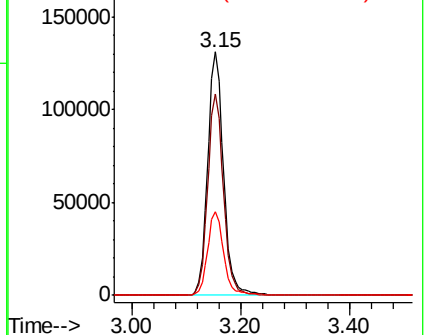
53 100

52 81.6 66.1 99.1

51 35.3 28.2 42.4



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



#16

Acetone

Concen: 280.255 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003668.D

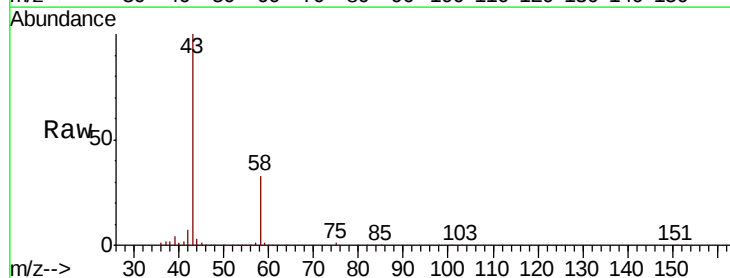
Acq: 25 Jul 2018 19:57

Tgt Ion: 43 Resp: 212974

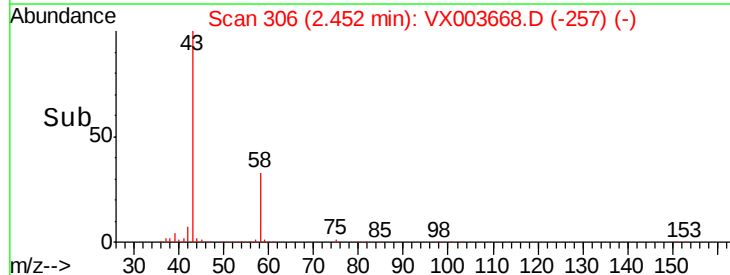
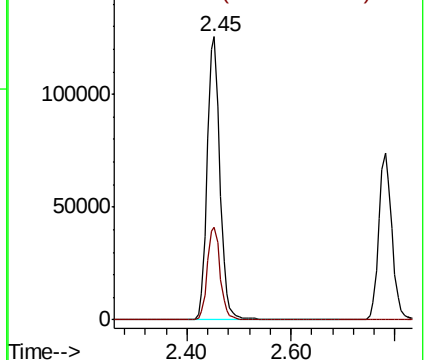
Ion Ratio Lower Upper

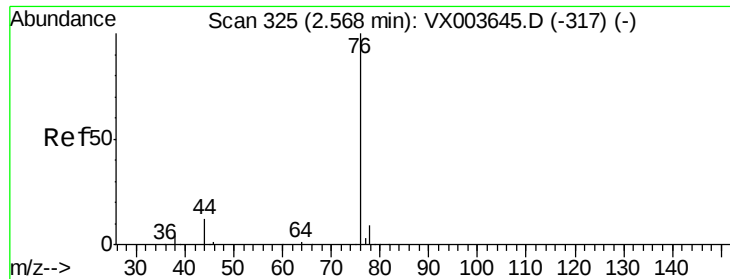
43 100

58 32.7 26.1 39.1



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

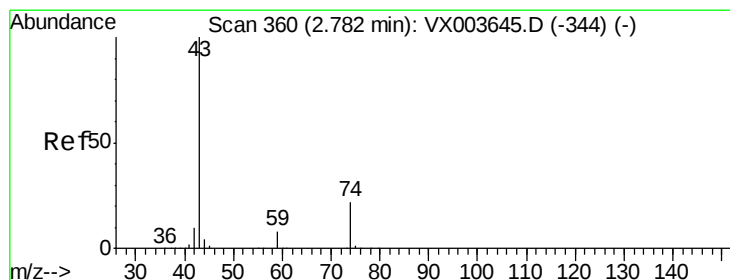
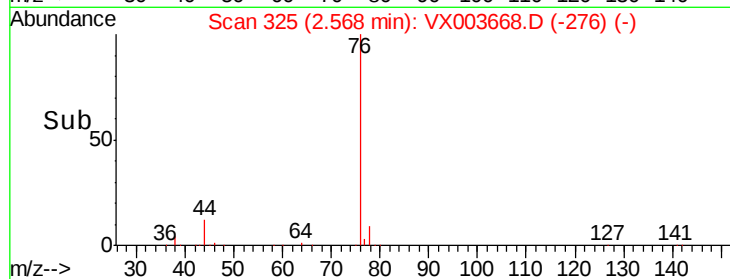
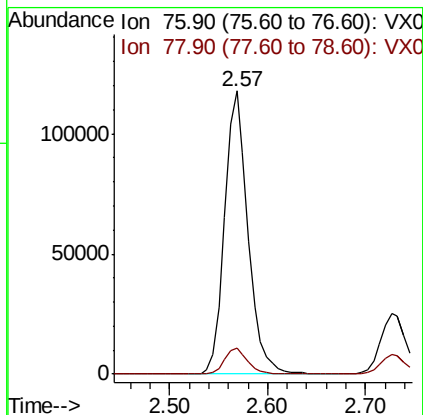
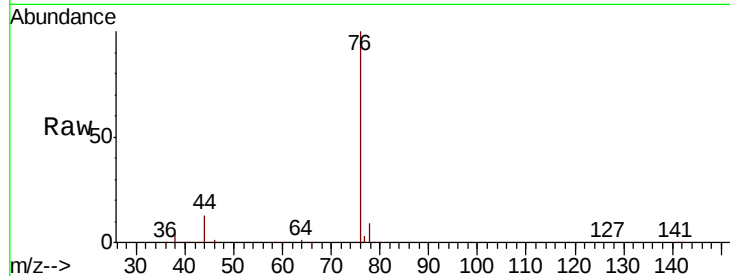




#17
Carbon Disulfide
Concen: 53.604 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

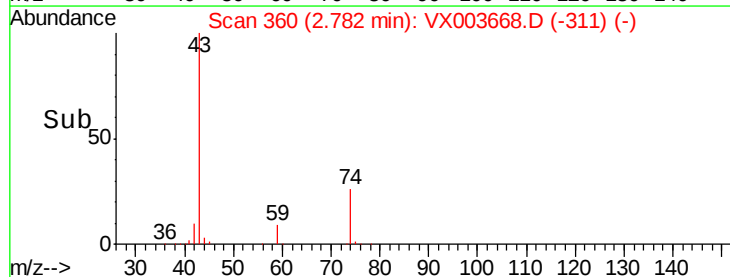
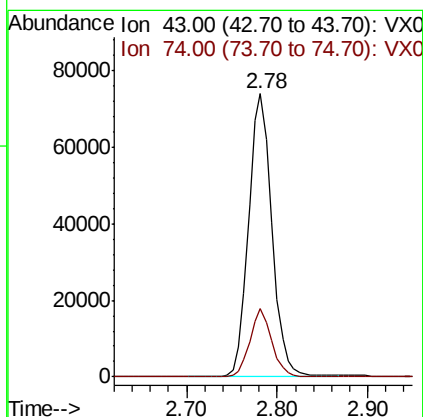
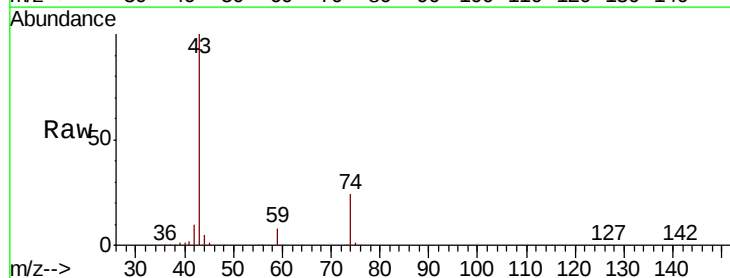
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

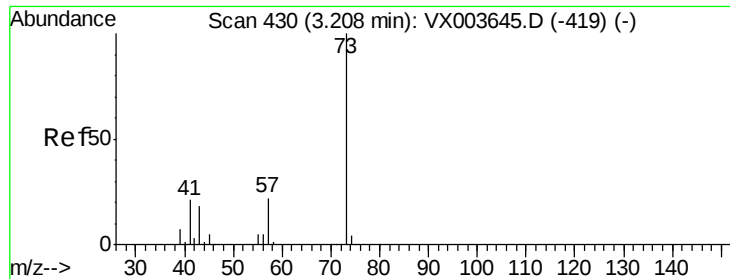
Tgt Ion: 76 Resp: 194751
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 57.499 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion: 43 Resp: 131970
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8

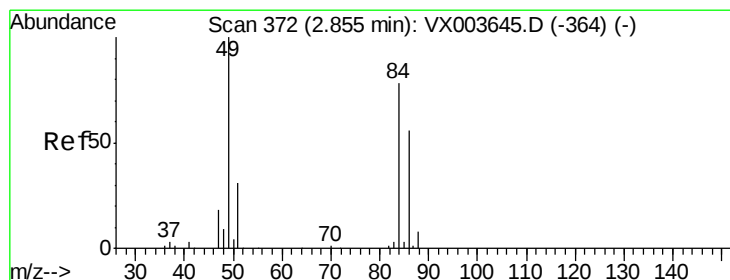
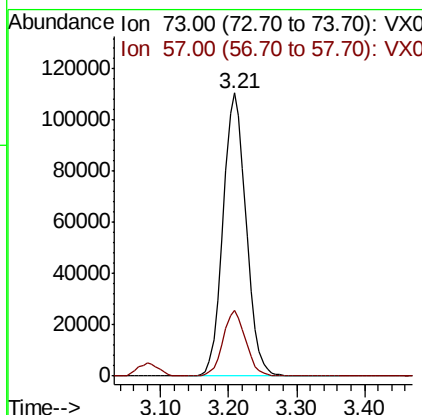
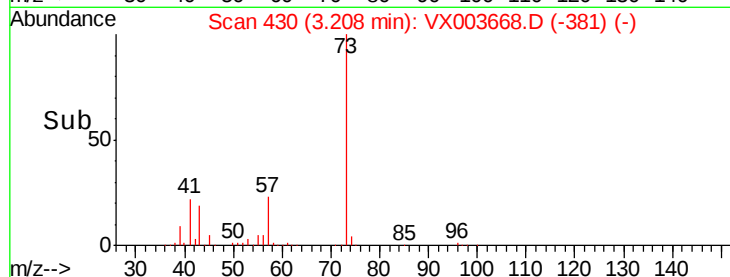
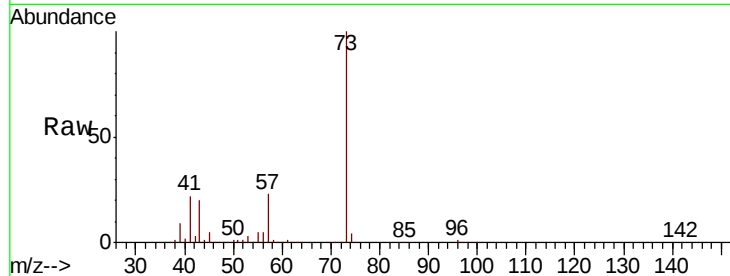




#19
Methyl tert-butyl Ether
Concen: 58.088 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

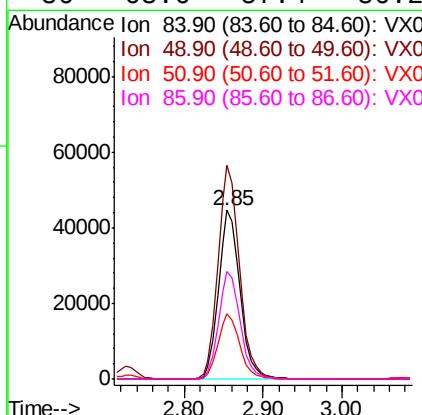
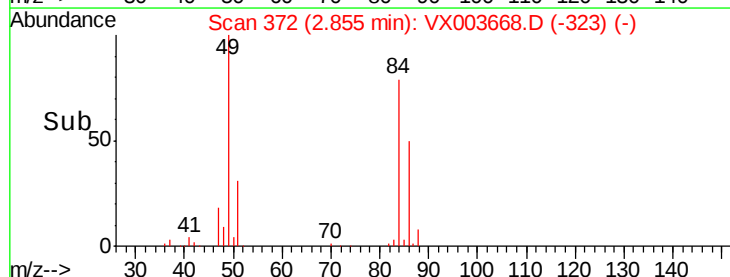
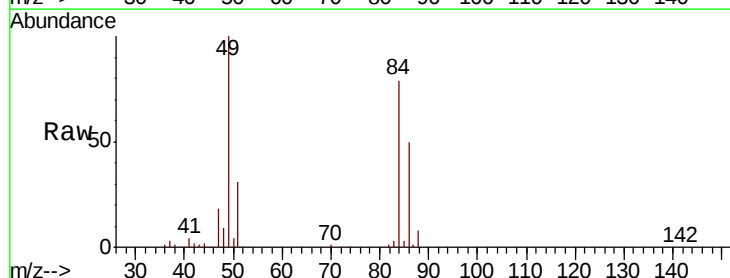
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

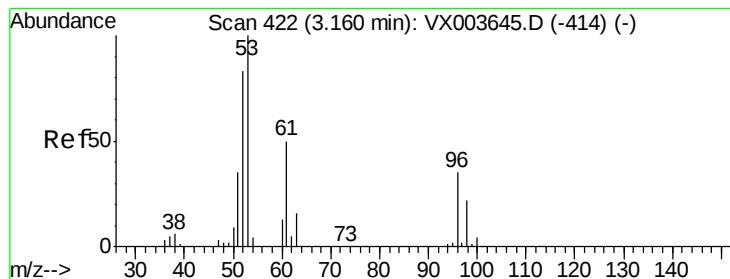
Tgt Ion: 73 Resp: 259123
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.2



#20
Methylene Chloride
Concen: 55.862 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion: 84 Resp: 84115
Ion Ratio Lower Upper
84 100
49 126.6 102.3 153.5
51 39.1 31.8 47.8
86 63.6 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 57.356 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

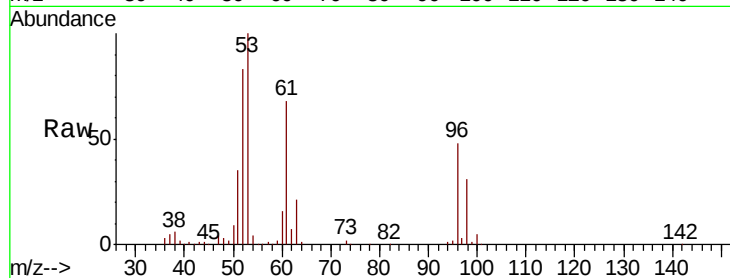
Tgt Ion: 96 Resp: 77900

Ion Ratio Lower Upper

96 100

61 140.1 115.0 172.4

98 63.8 49.7 74.5

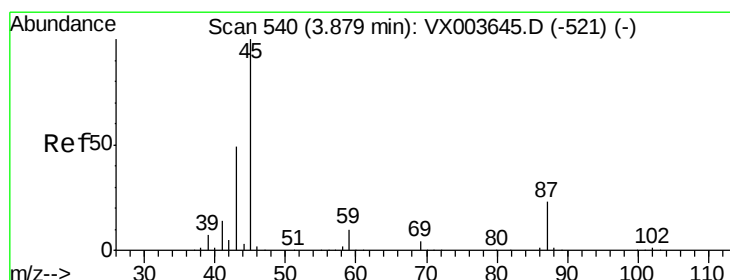
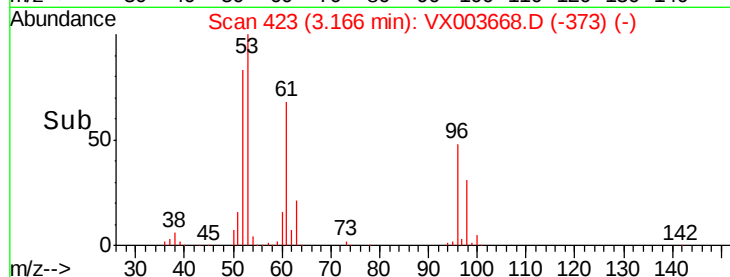
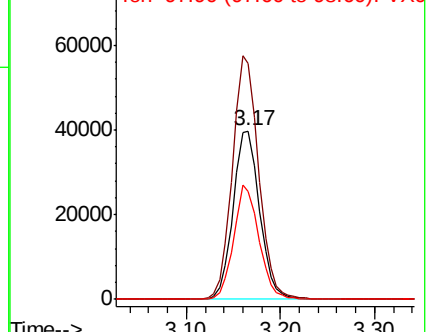


Abundance

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: 58.427 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Tgt Ion: 45 Resp: 280881

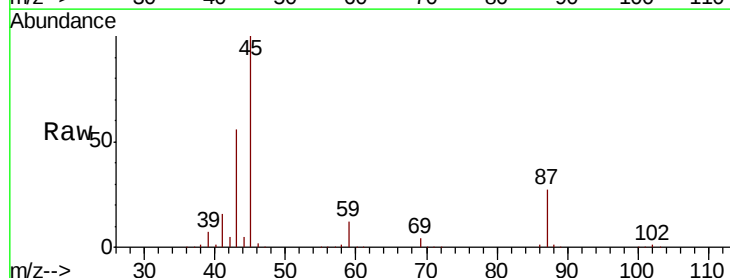
Ion Ratio Lower Upper

45 100

43 56.1 39.0 58.4

87 26.6 18.4 27.6

59 11.6 7.8 11.8



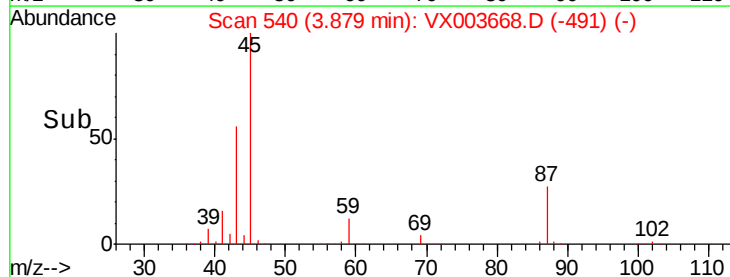
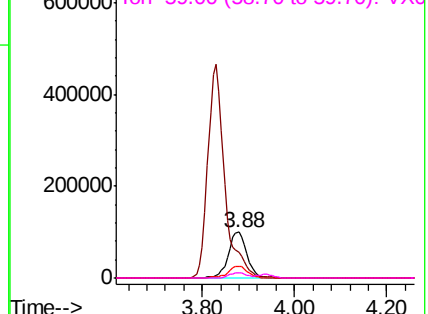
Abundance

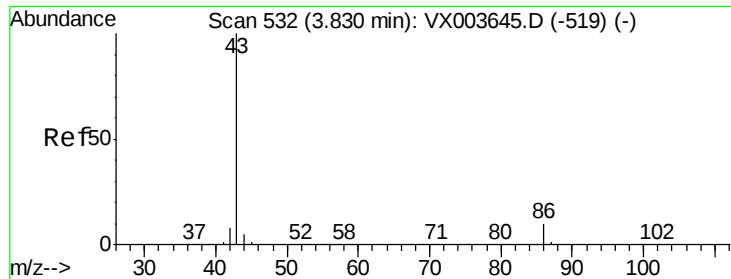
Ion 45.00 (44.70 to 45.70): VX0

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: 290.182 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

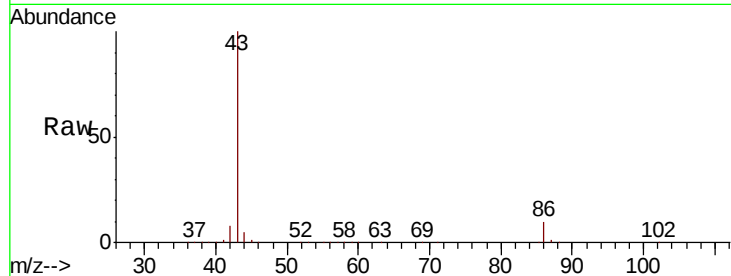
VSTDCCC050EC

Tgt Ion: 43 Resp: 1195010

Ion Ratio Lower Upper

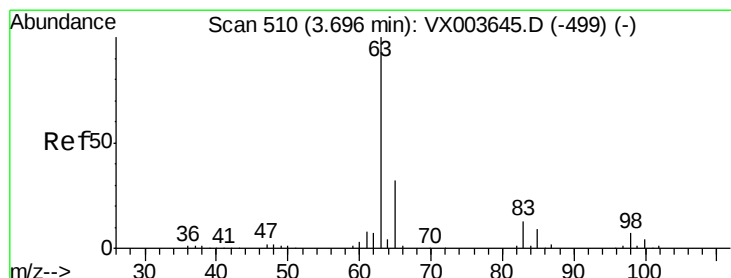
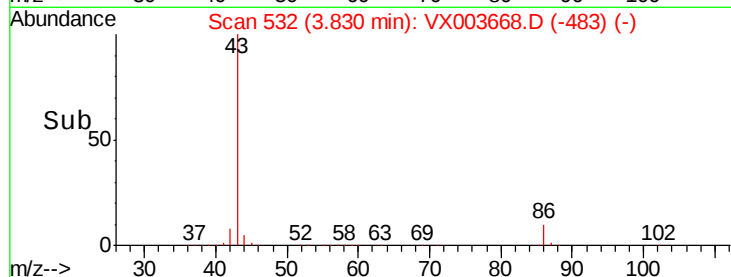
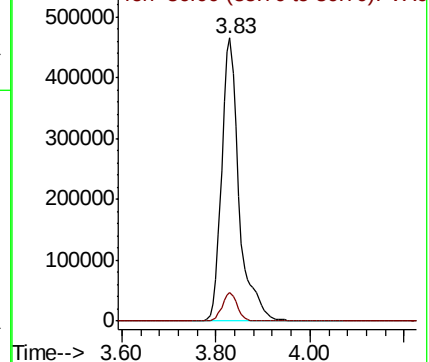
43 100

86 10.0 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 55.610 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

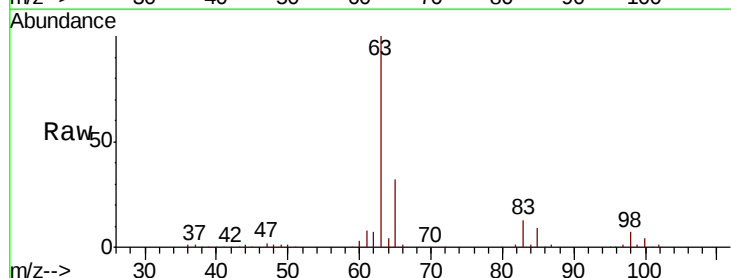
Tgt Ion: 63 Resp: 150677

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

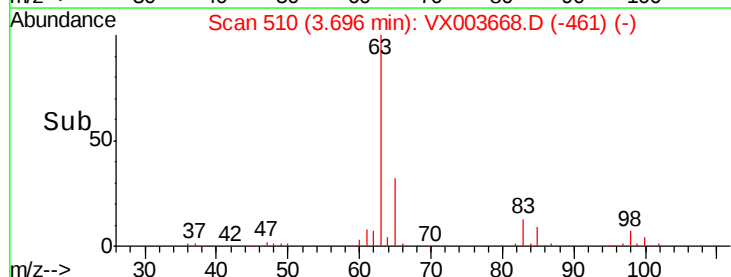
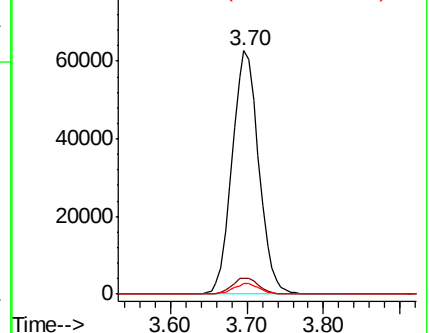
100 4.2 2.1 6.3

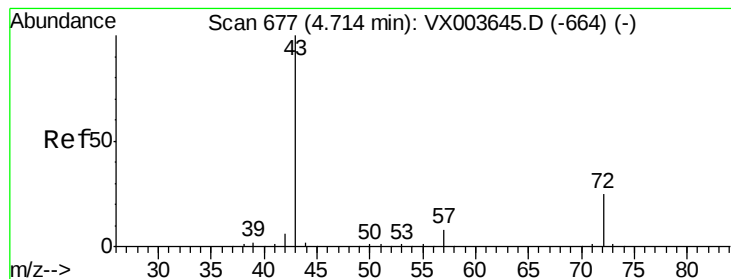


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 277.054 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

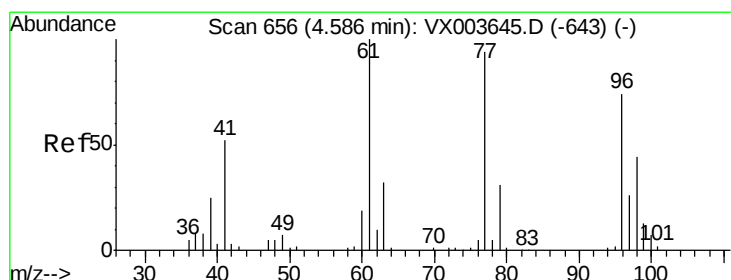
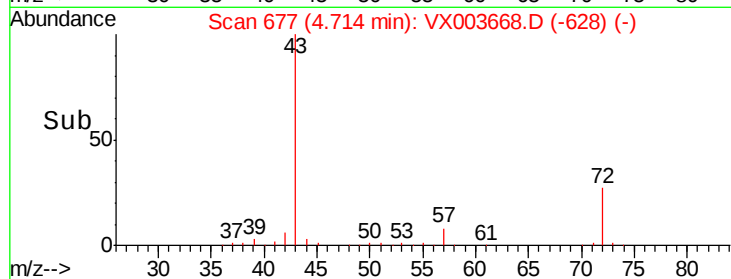
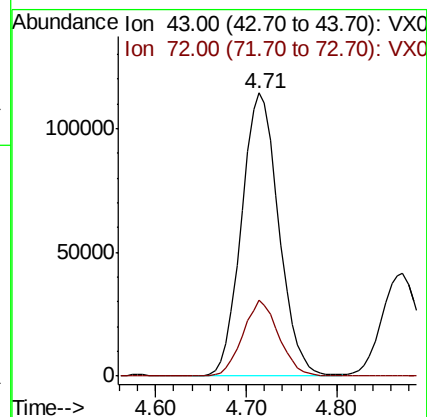
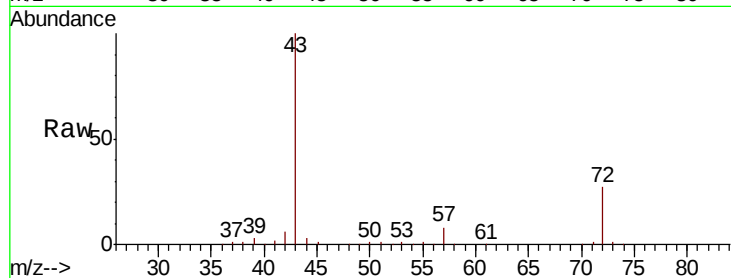
VSTDCCC050EC

Tgt Ion: 43 Resp: 325253

Ion Ratio Lower Upper

43 100

72 26.9 20.2 30.4



#26

2,2-Dichloropropane

Concen: 52.336 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003668.D

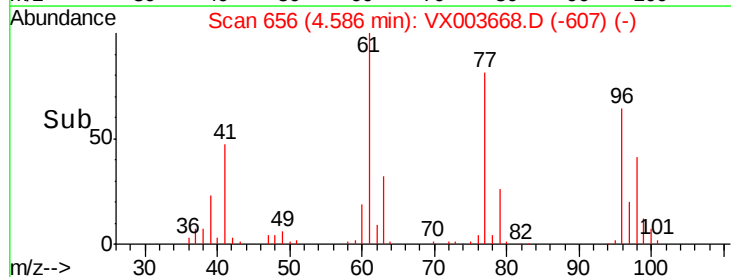
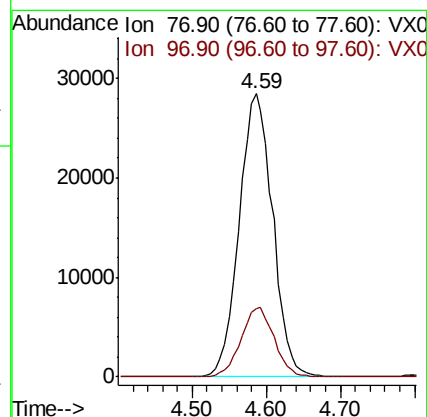
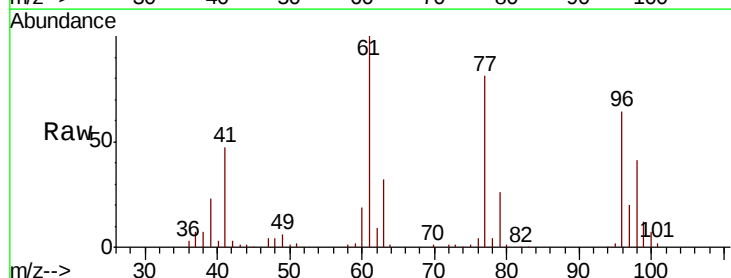
Acq: 25 Jul 2018 19:57

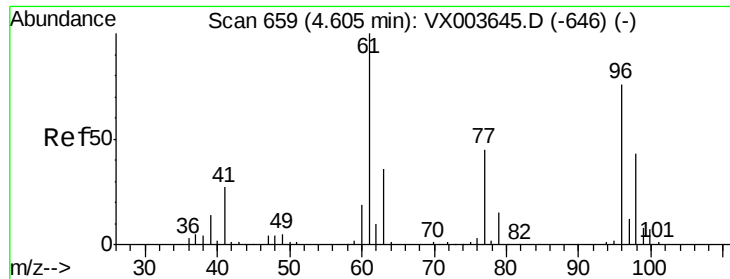
Tgt Ion: 77 Resp: 89658

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.0



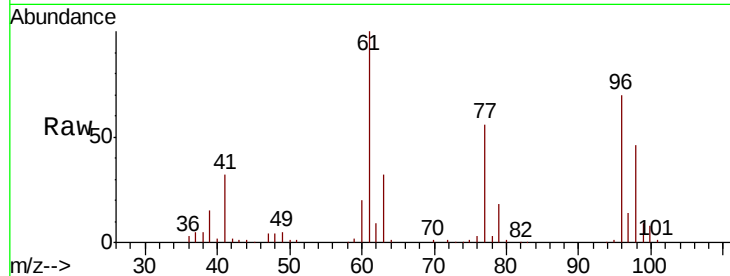


#27

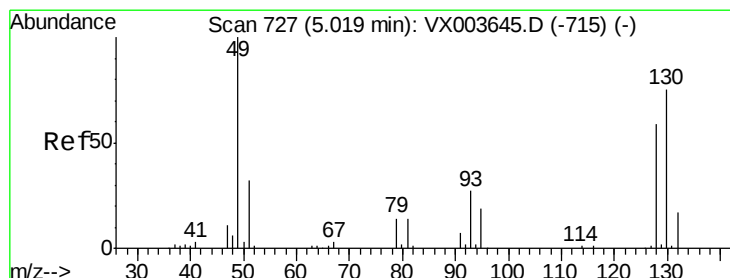
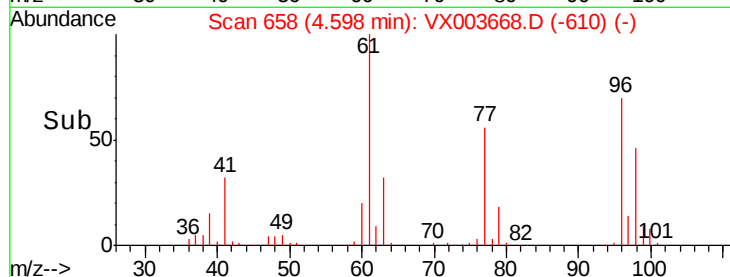
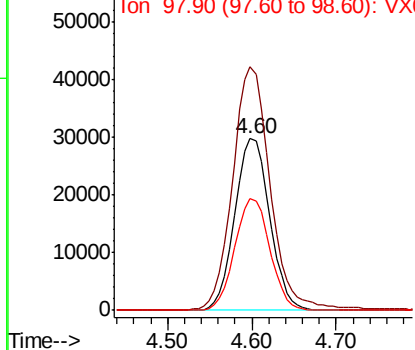
cis-1,2-Dichloroethene
 Concen: 56.619 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 83492
 Ion Ratio Lower Upper
 96 100
 61 154.1 0.0 313.6
 98 65.3 0.0 125.6



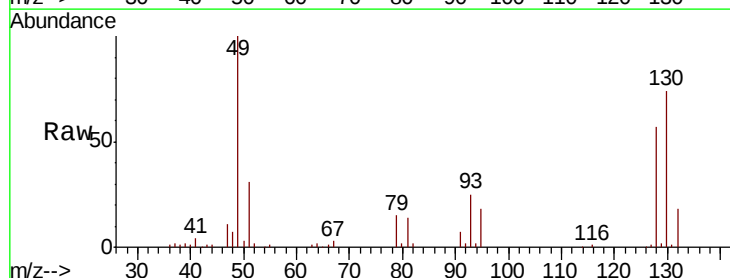
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



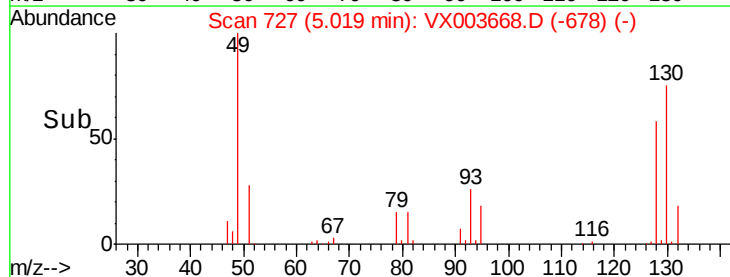
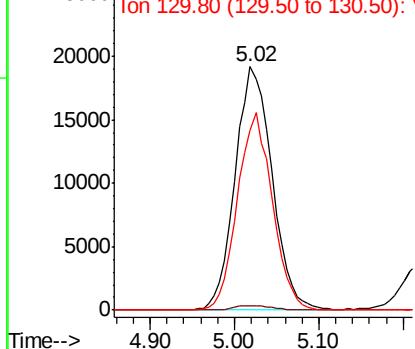
#28

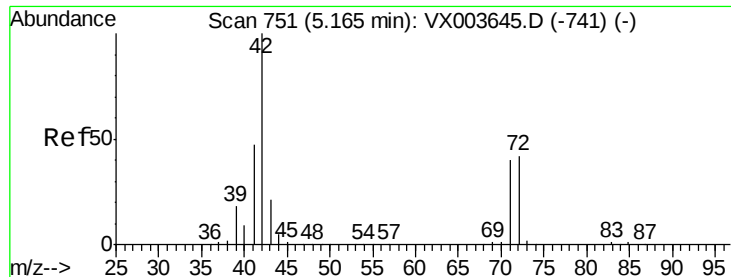
Bromochloromethane
 Concen: 52.529 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion: 49 Resp: 57114
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 76.4 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: 259.828 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

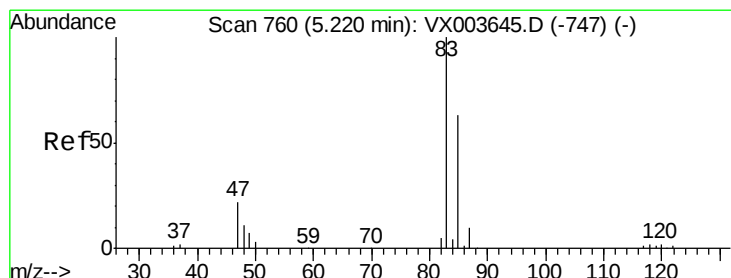
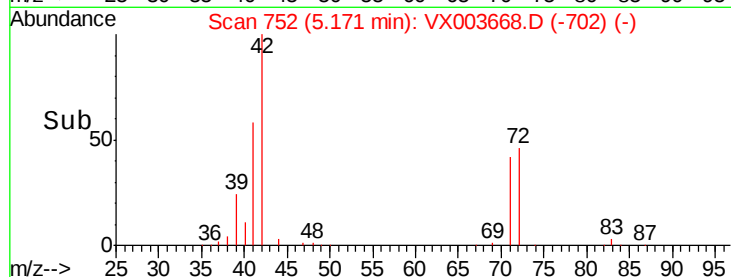
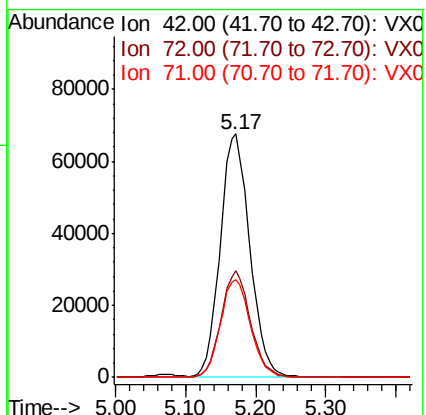
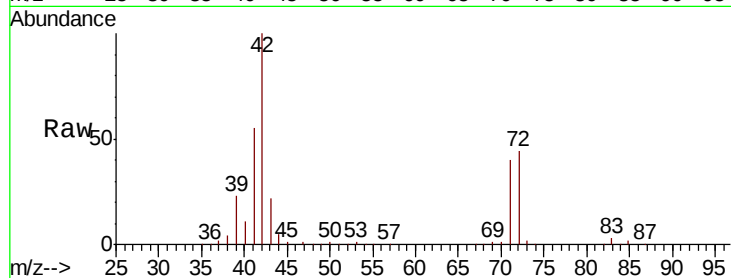
Tgt Ion: 42 Resp: 198564

Ion Ratio Lower Upper

42 100

72 43.4 33.4 50.0

71 40.6 31.0 46.6



#30

Chloroform

Concen: 51.904 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003668.D

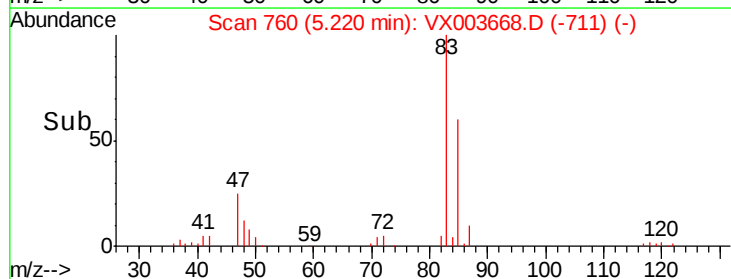
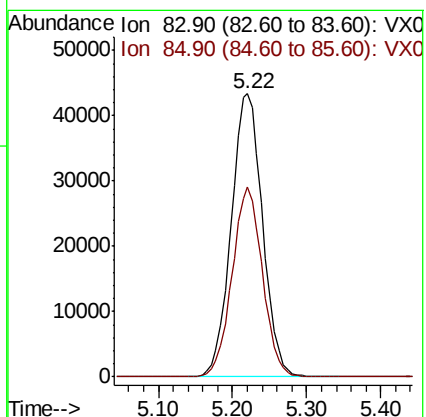
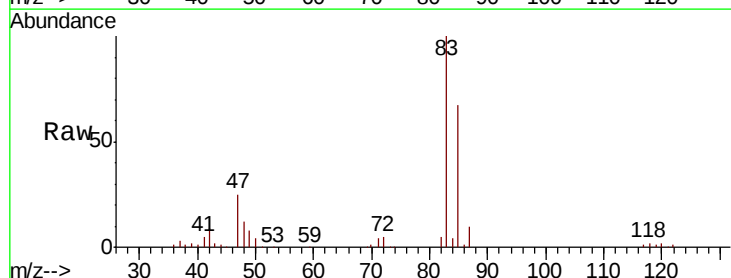
Acq: 25 Jul 2018 19:57

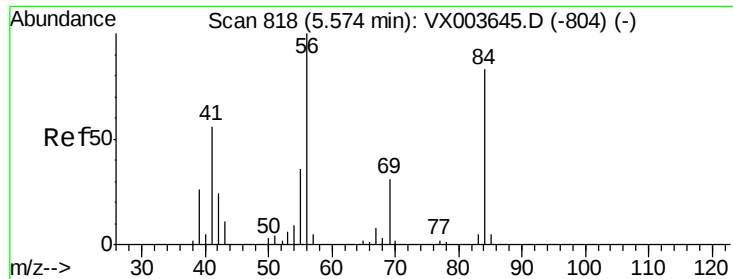
Tgt Ion: 83 Resp: 127561

Ion Ratio Lower Upper

83 100

85 67.0 50.2 75.4

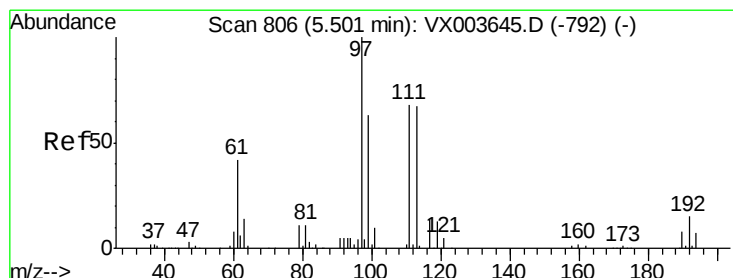
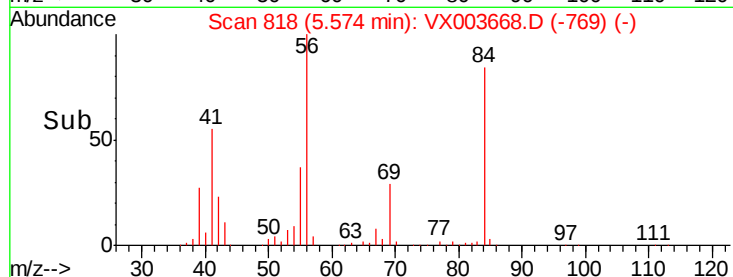
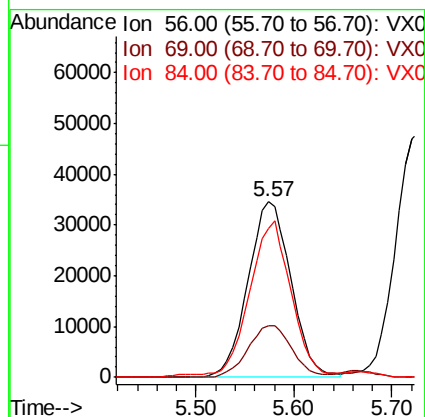
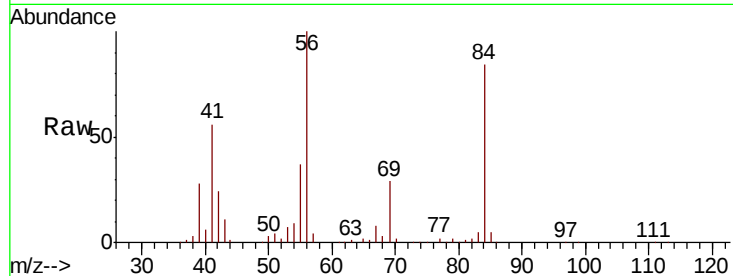




#31
Cyclohexane
Concen: 48.484 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

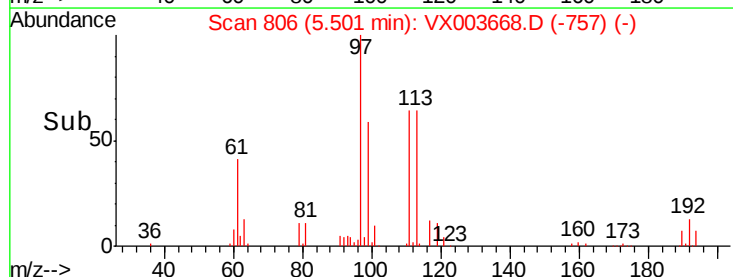
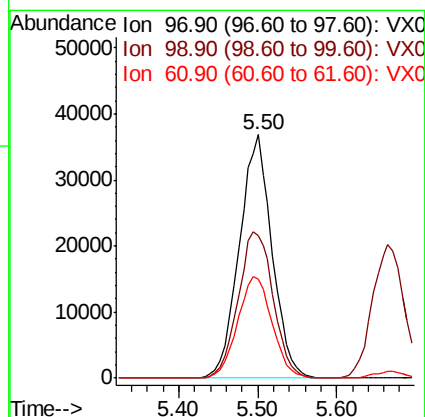
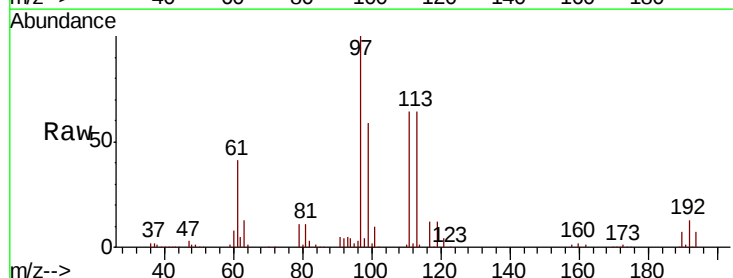
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

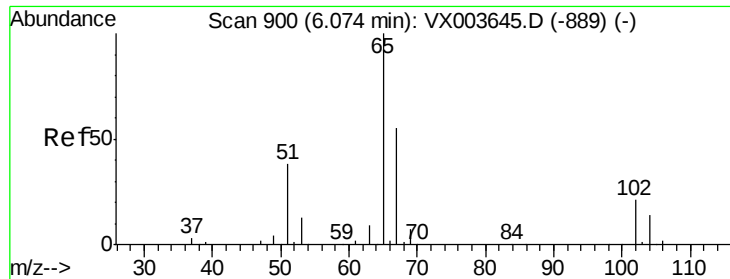
Tgt Ion: 56 Resp: 105449
Ion Ratio Lower Upper
56 100
69 29.4 25.0 37.6
84 82.8 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 51.823 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion: 97 Resp: 105771
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 44.3 34.5 51.7

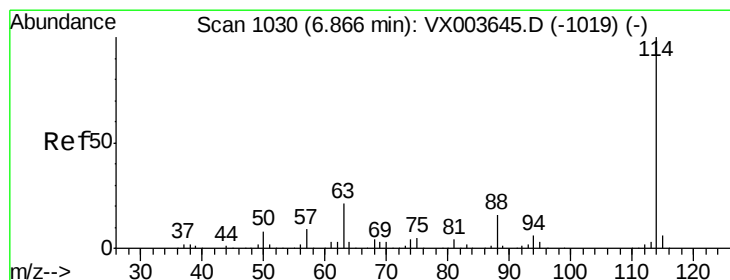
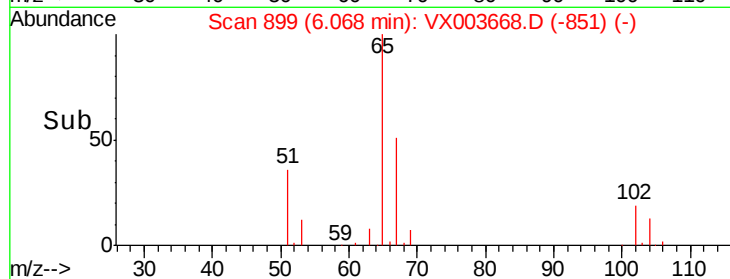
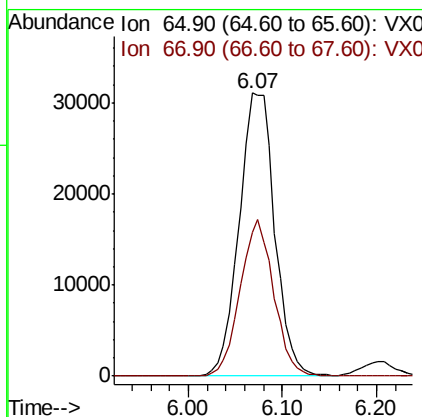
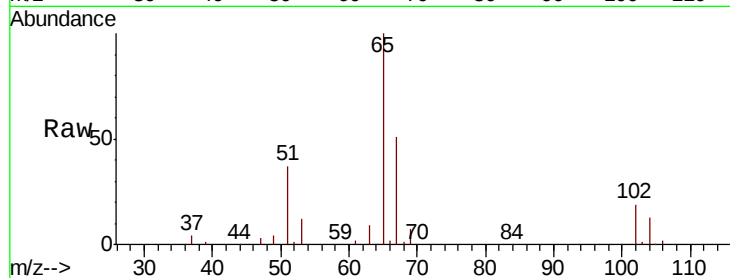




#33
 1,2-Dichloroethane-d4
 Concen: 51.021 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

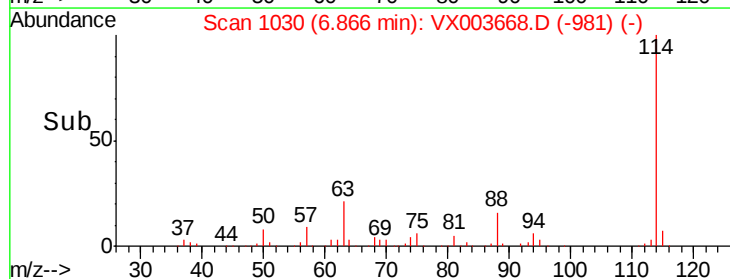
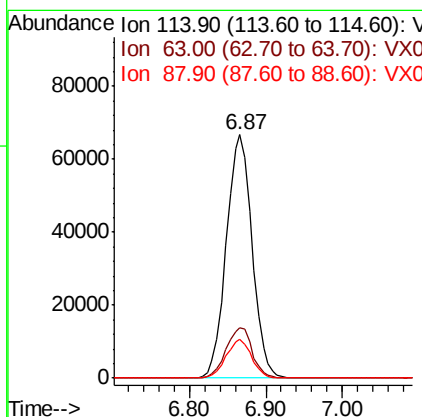
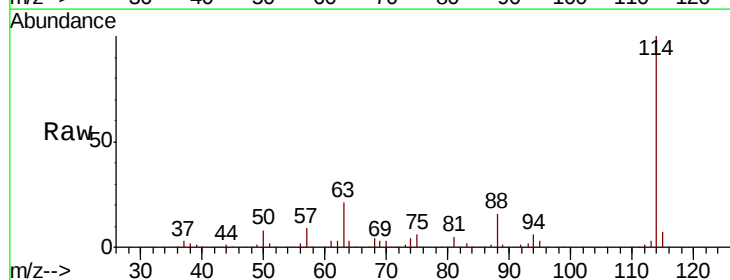
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

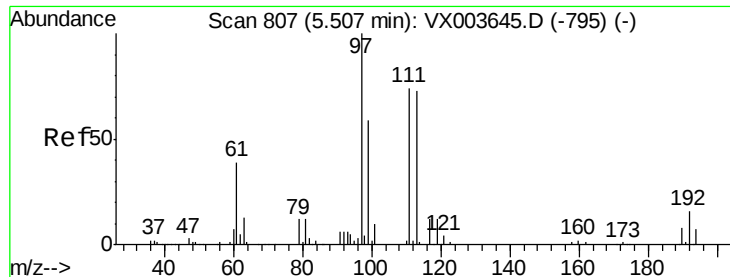
Tgt Ion: 65 Resp: 82529
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion: 114 Resp: 155455
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.0
 88 16.0 0.0 31.8

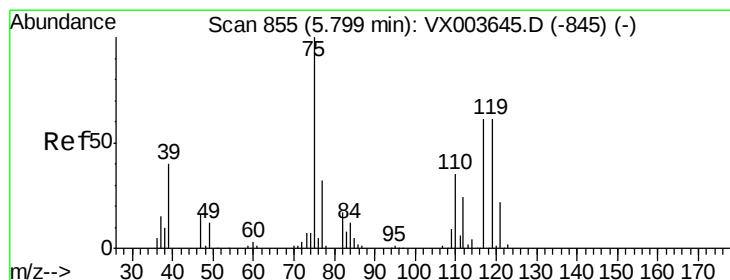
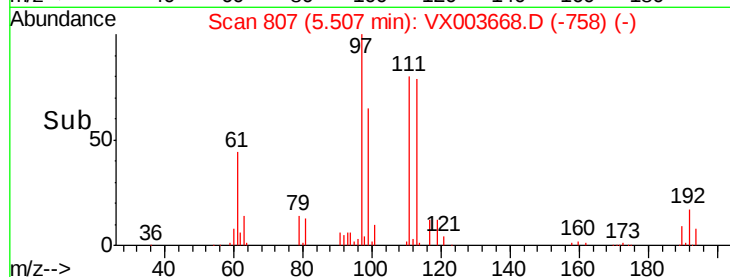
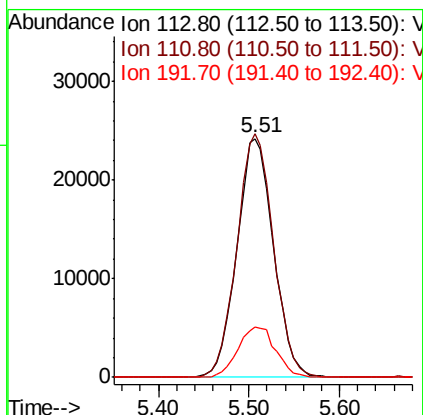
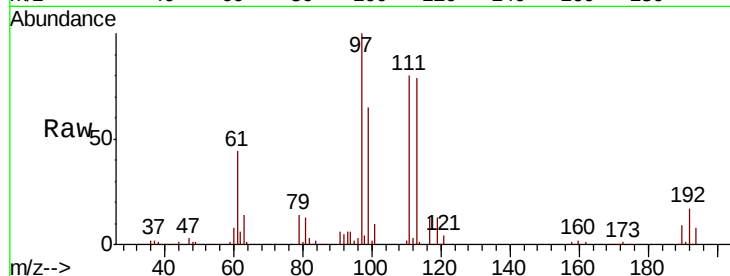




#35
 Dibromofluoromethane
 Concen: 53.088 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

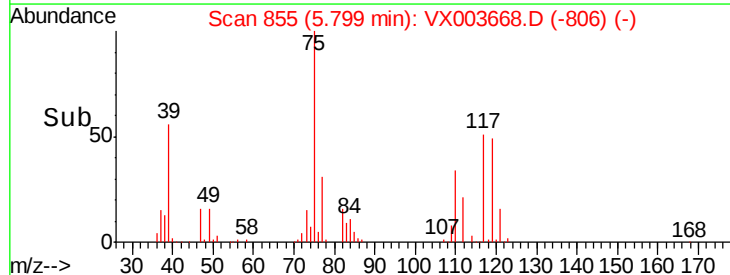
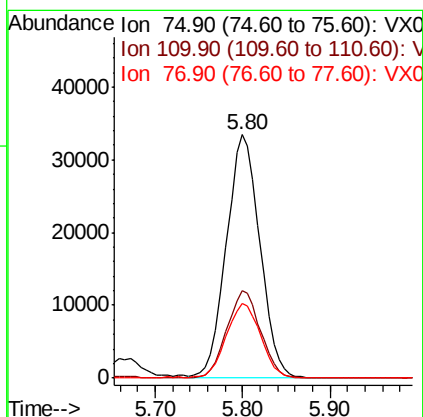
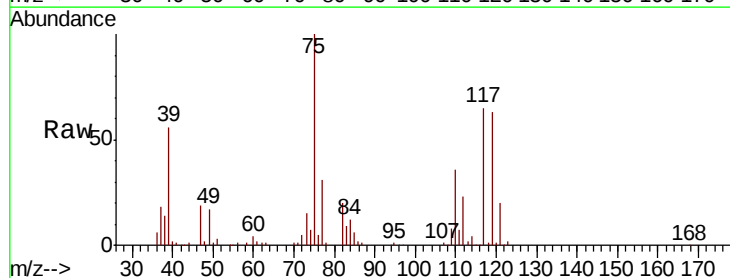
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

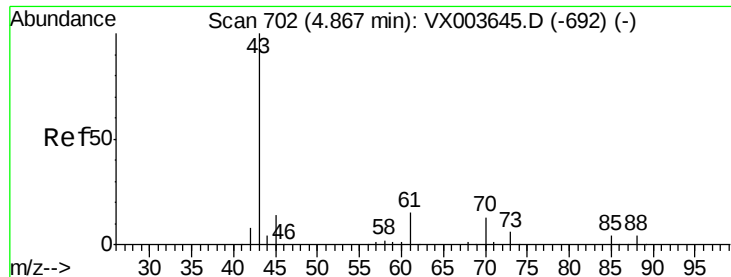
Tgt Ion:113 Resp: 67465
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.2 121.8
 192 21.7 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 49.127 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion: 75 Resp: 89267
 Ion Ratio Lower Upper
 75 100
 110 35.6 18.1 54.1
 77 31.3 25.1 37.7

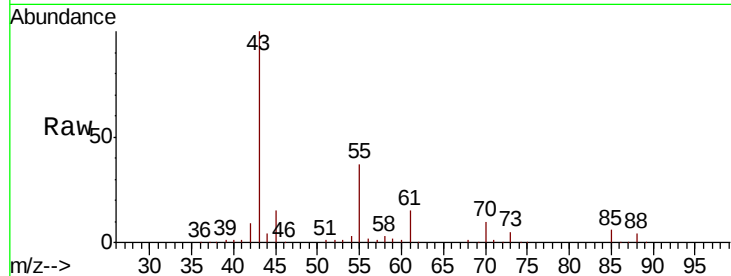




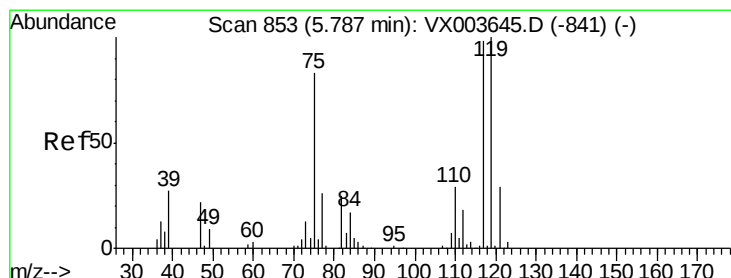
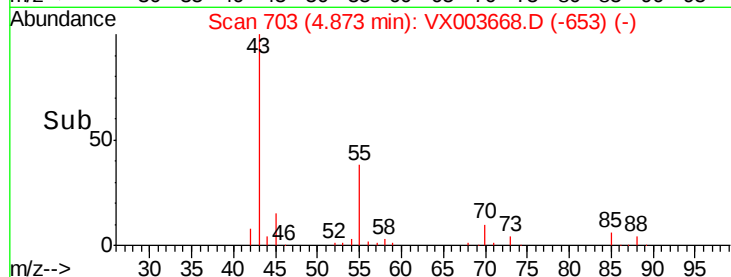
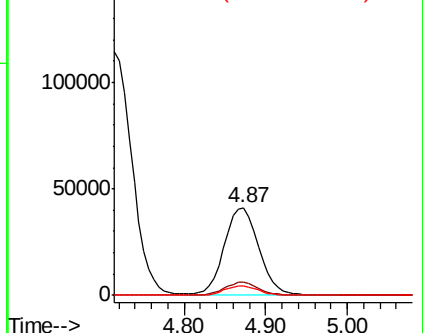
#37
Ethyl Acetate
Concen: 55.382 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 121006
Ion Ratio Lower Upper
43 100
61 14.7 11.9 17.9
70 10.6 8.6 12.8

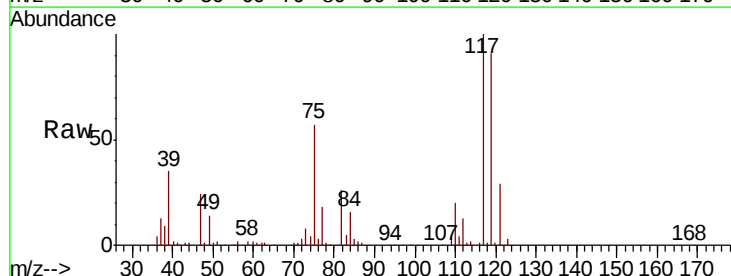


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

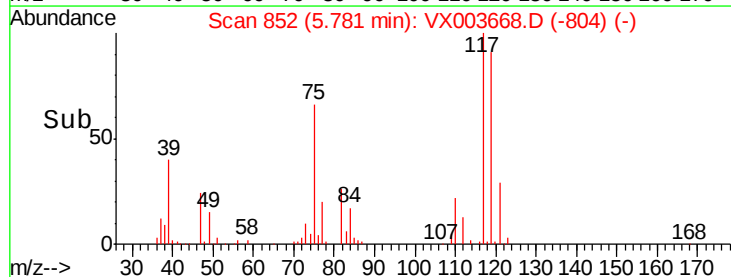
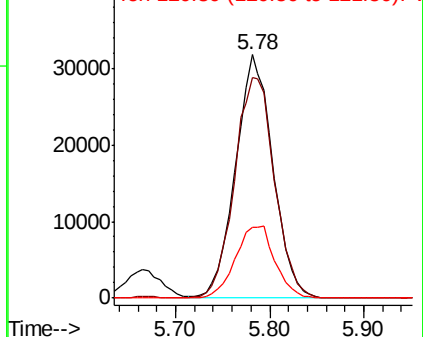


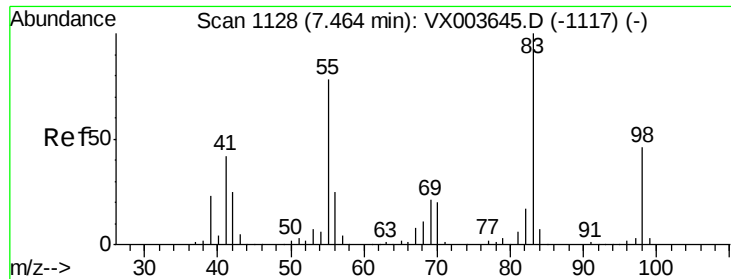
#38
Carbon Tetrachloride
Concen: 50.404 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion: 117 Resp: 88276
Ion Ratio Lower Upper
117 100
119 90.8 81.0 121.4
121 28.9 23.7 35.5



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

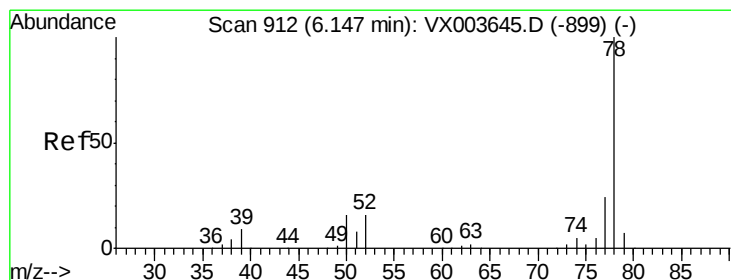
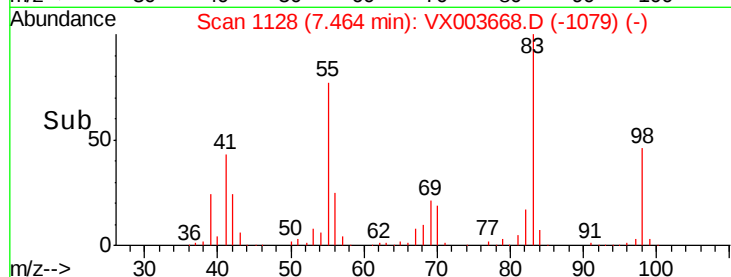
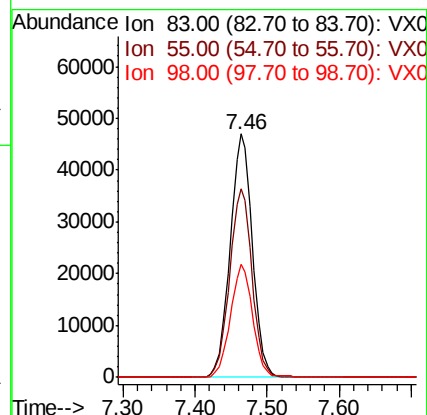
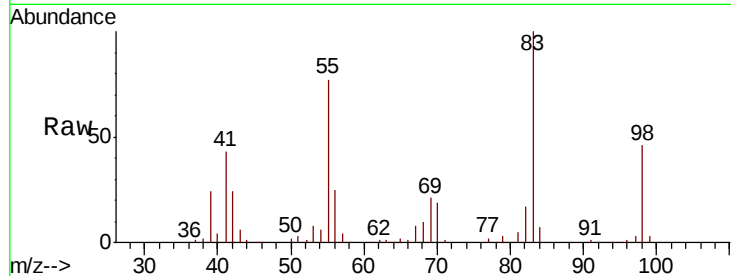




#39
Methylcyclohexane
Concen: 50.559 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

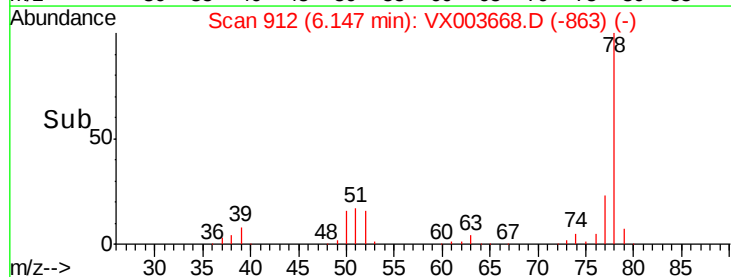
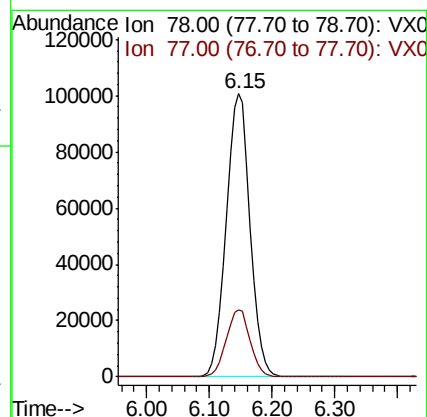
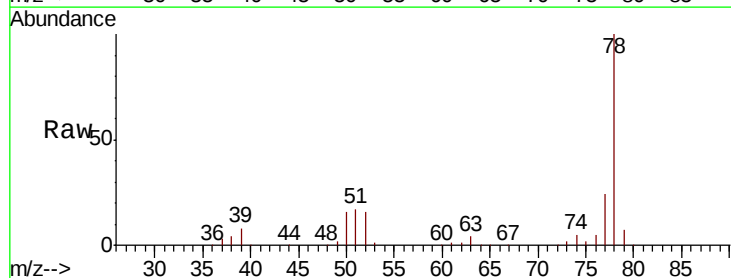
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

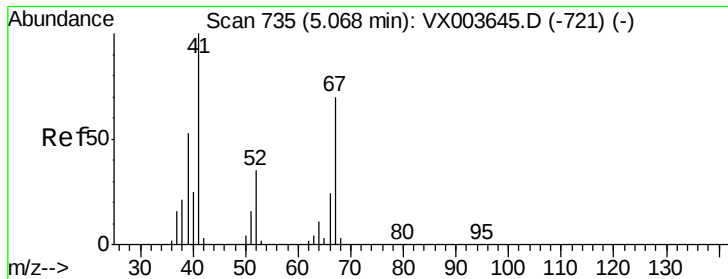
Tgt Ion: 83 Resp: 101125
Ion Ratio Lower Upper
83 100
55 77.2 62.6 93.8
98 46.4 36.6 55.0



#40
Benzene
Concen: 48.973 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion: 78 Resp: 263345
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41

Methacrylonitrile

Concen: 54.507 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 65949

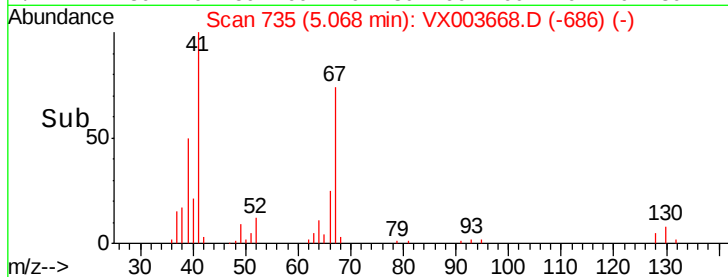
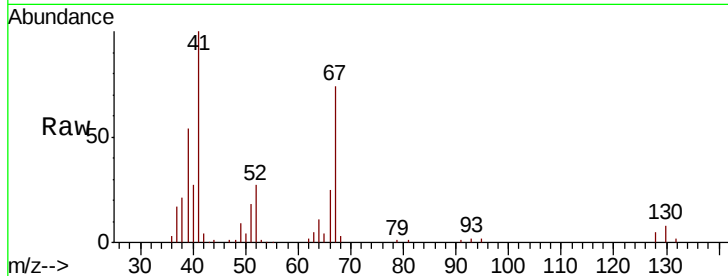
Ion Ratio Lower Upper

41 100

39 54.2 42.2 63.4

67 71.4 56.6 84.8

52 29.2 24.0 36.0

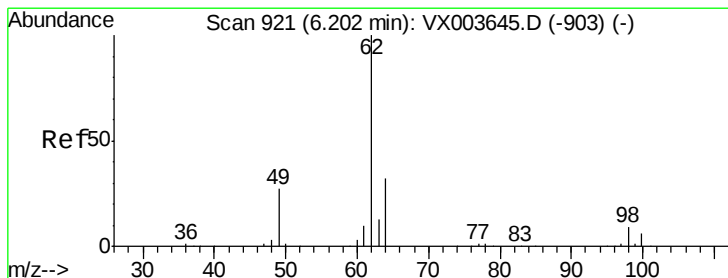
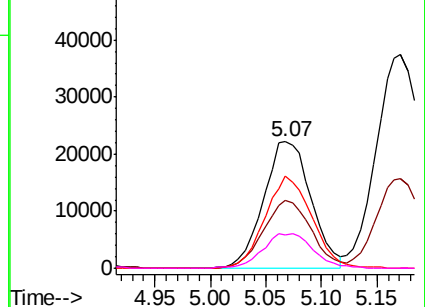


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.829 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX003668.D

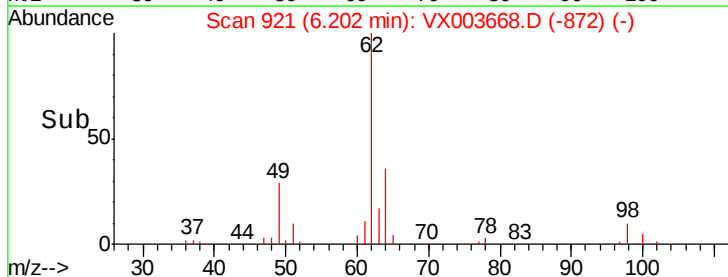
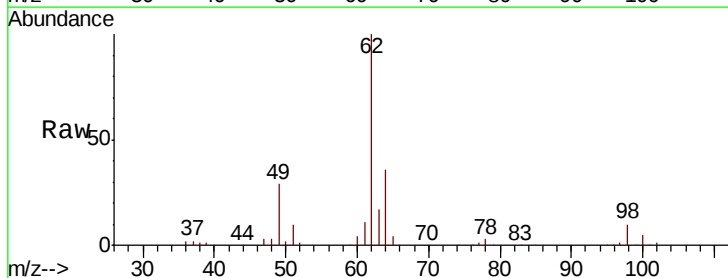
Acq: 25 Jul 2018 19:57

Tgt Ion: 62 Resp: 96201

Ion Ratio Lower Upper

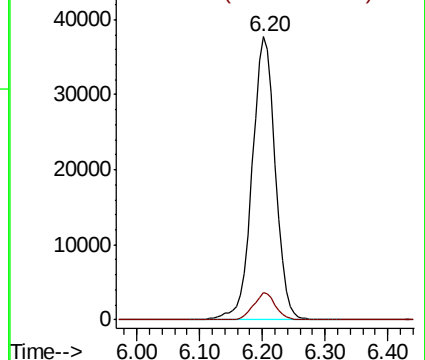
62 100

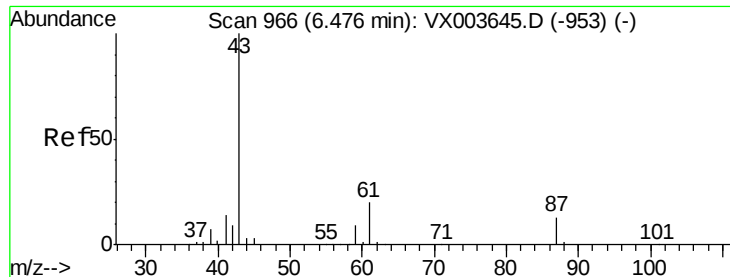
98 9.1 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.086 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

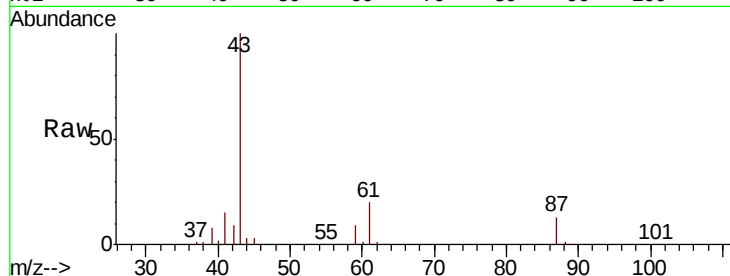
Tgt Ion: 43 Resp: 159647

Ion Ratio Lower Upper

43 100

61 19.8 15.9 23.9

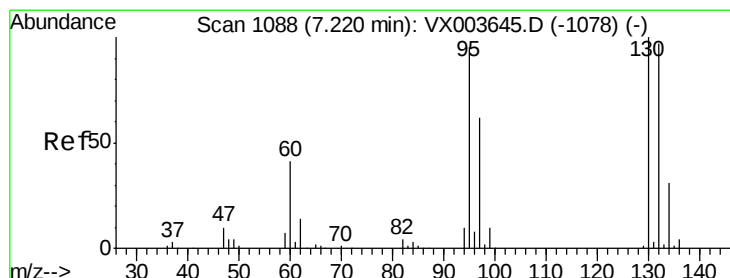
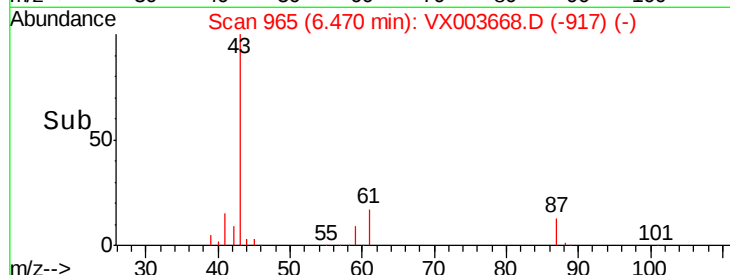
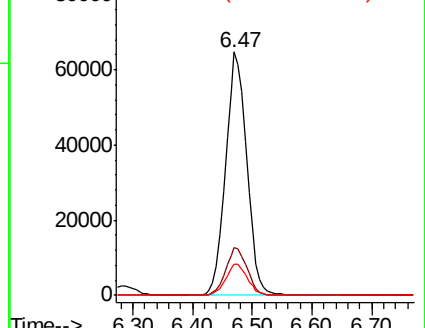
87 13.1 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.335 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX003668.D

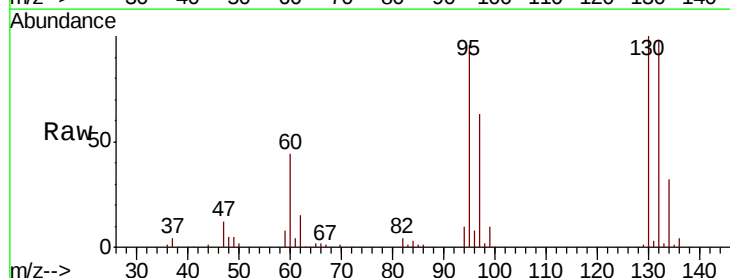
Acq: 25 Jul 2018 19:57

Tgt Ion: 130 Resp: 69685

Ion Ratio Lower Upper

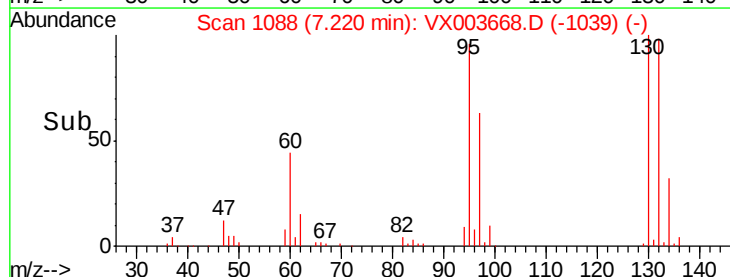
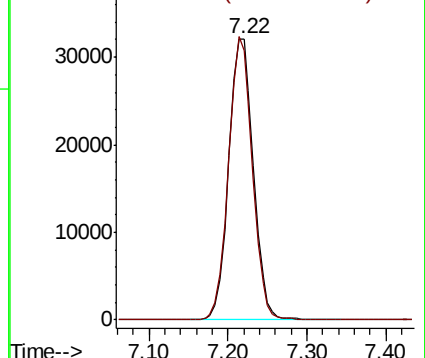
130 100

95 96.0 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

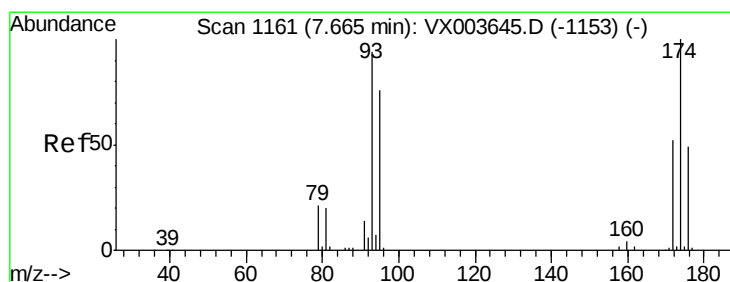
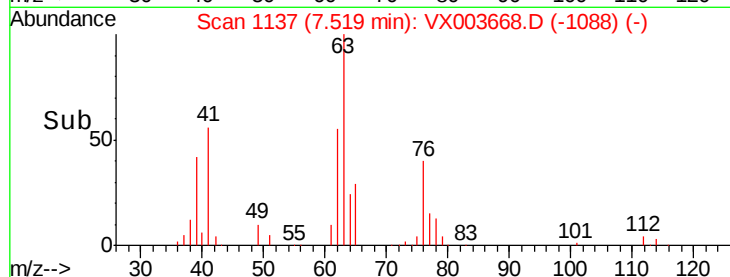
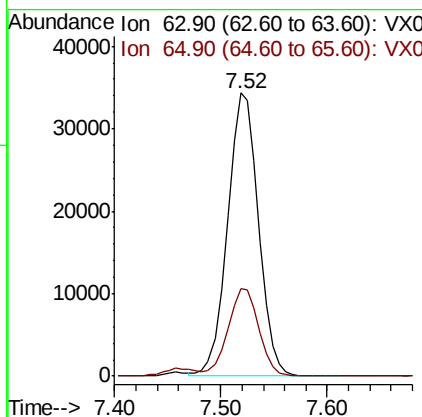
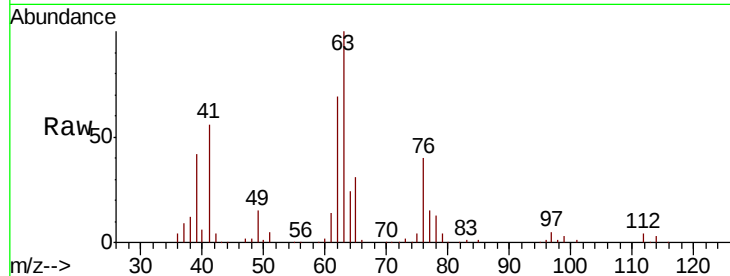




#45
 1,2-Dichloropropane
 Concen: 50.234 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

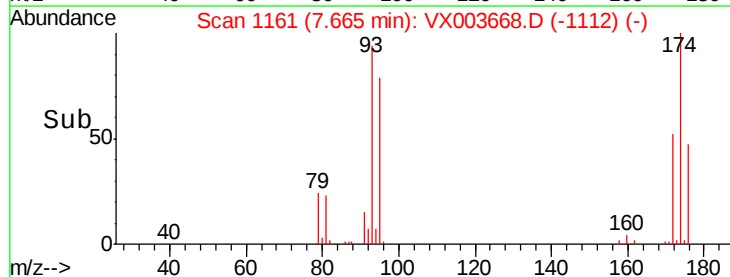
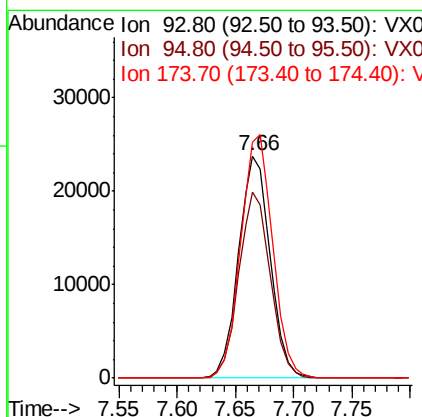
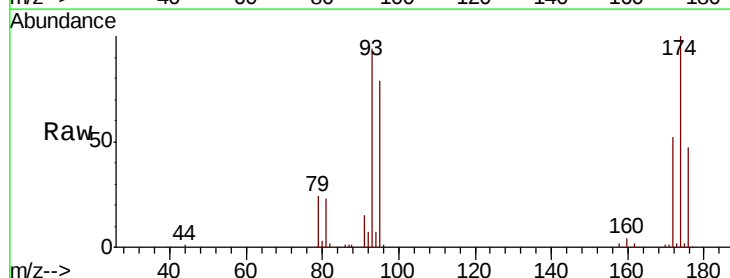
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

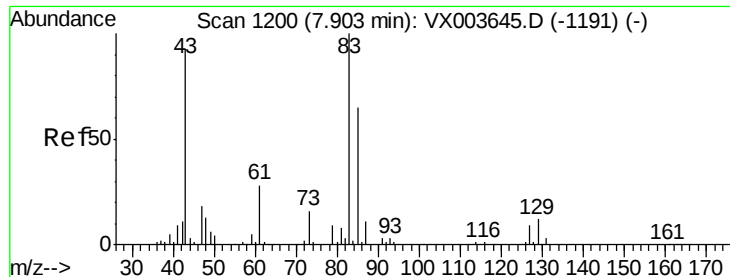
Tgt Ion: 63 Resp: 69825
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.0 36.0



#46
 Dibromomethane
 Concen: 50.475 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion: 93 Resp: 45070
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.6
 174 110.5 89.6 134.4





#47

Bromodichloromethane

Concen: 51.746 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

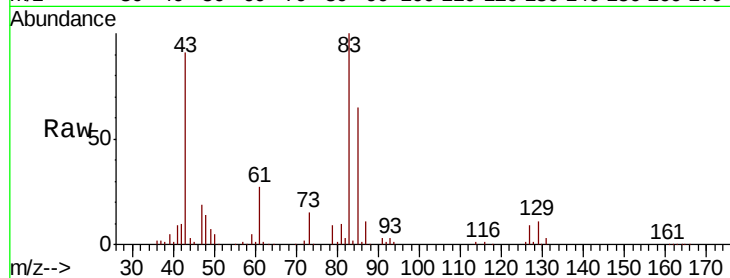
Tgt Ion: 83 Resp: 86631

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.6

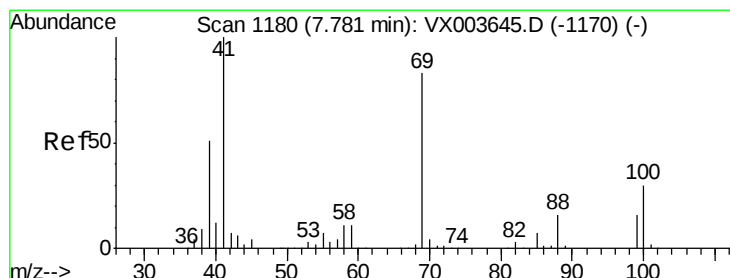
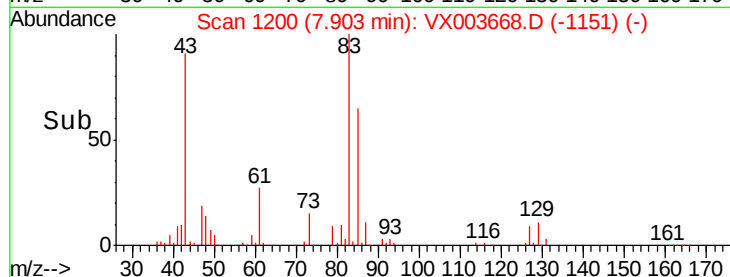
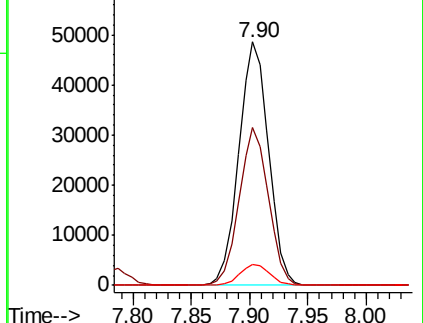
127 8.7 7.0 10.6



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: 54.861 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

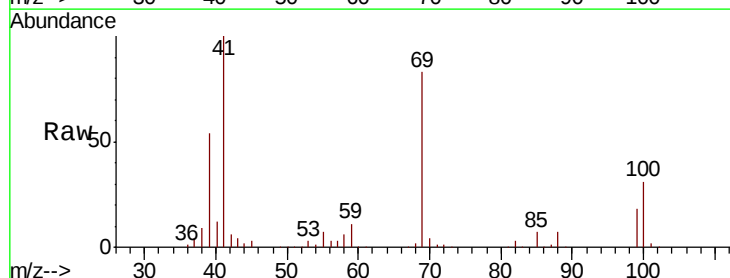
Tgt Ion: 41 Resp: 88737

Ion Ratio Lower Upper

41 100

69 80.4 66.9 100.3

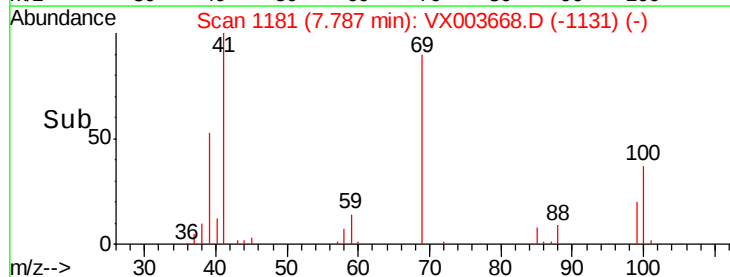
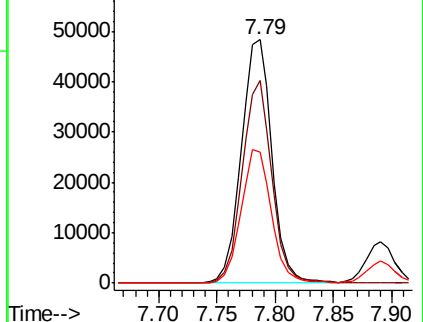
39 54.4 41.2 61.8

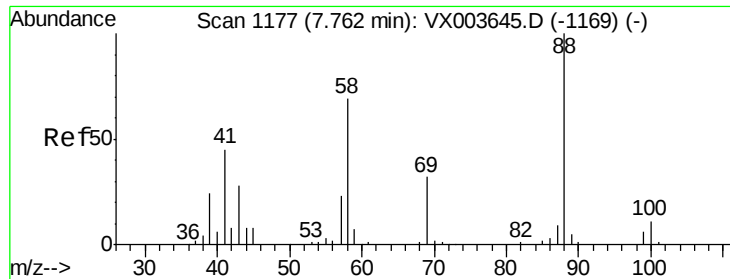


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

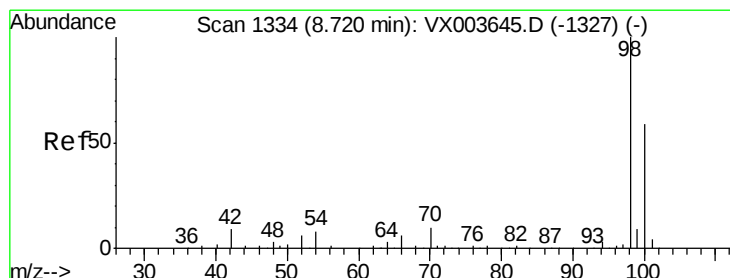
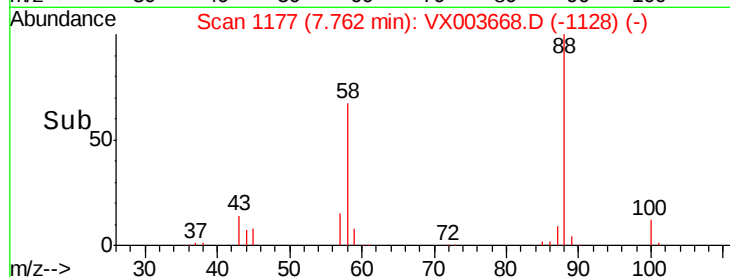
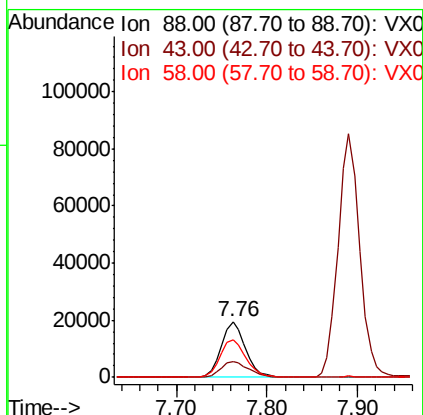
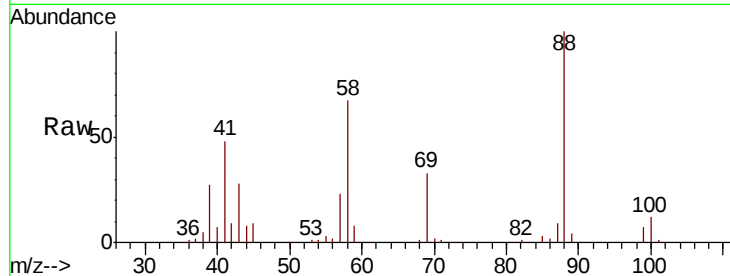




#49
1,4-Dioxane
Concen: 1011.932 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

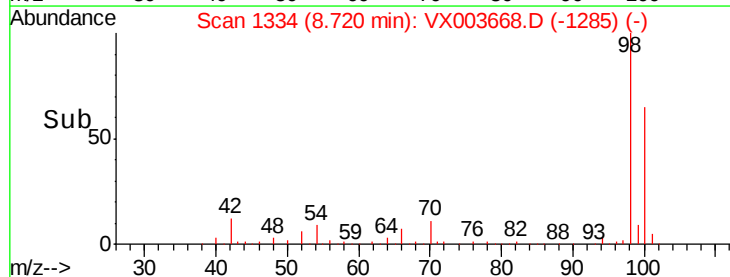
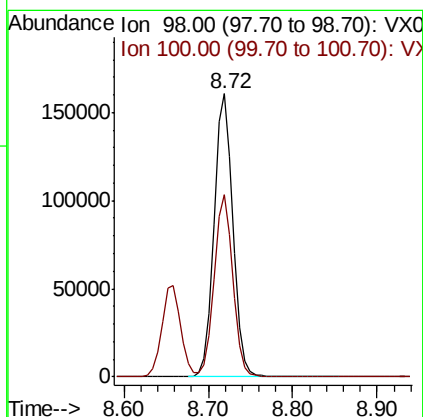
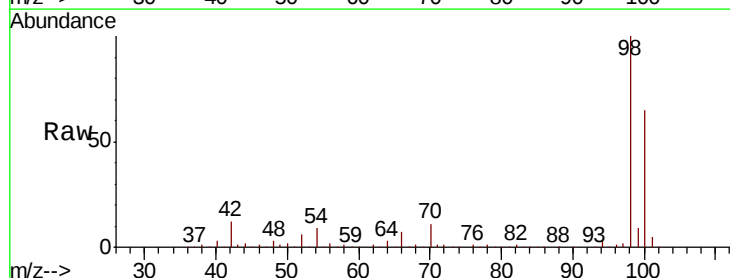
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

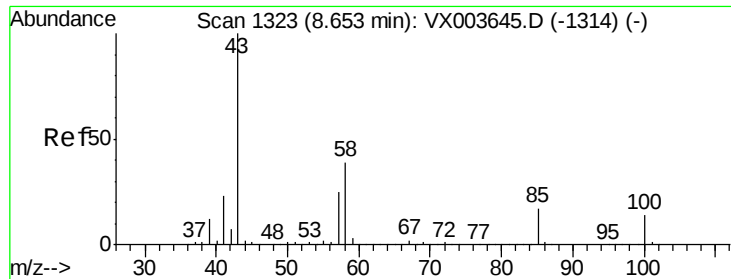
Tgt Ion: 88 Resp: 36517
Ion Ratio Lower Upper
88 100
43 33.3 25.8 38.6
58 71.5 58.3 87.5



#50
Toluene-d8
Concen: 51.309 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion: 98 Resp: 248844
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 259.071 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

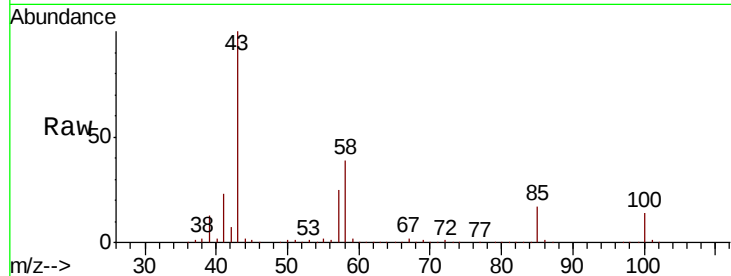
VSTDCCC050EC

Tgt Ion: 43 Resp: 557178

Ion Ratio Lower Upper

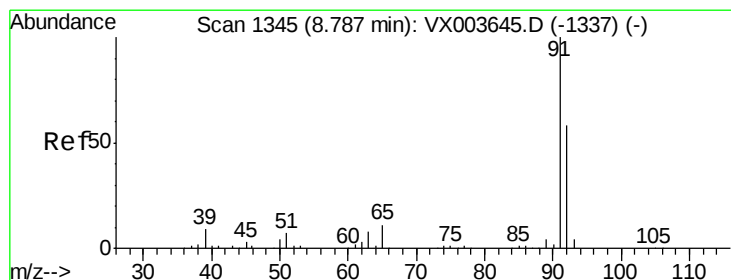
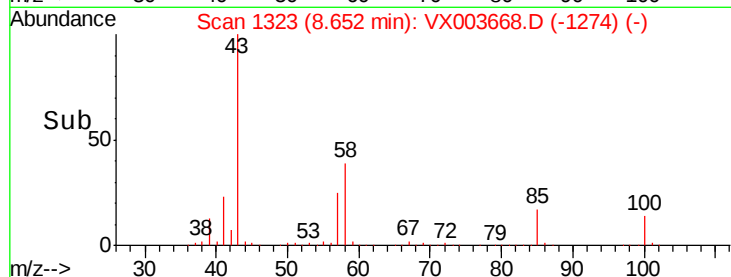
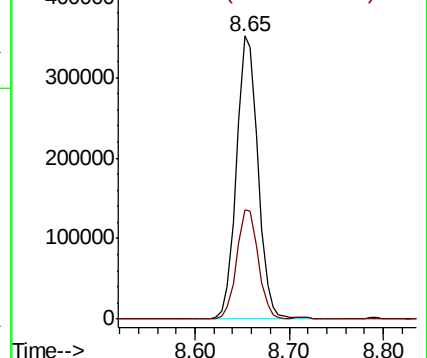
43 100

58 38.8 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: 50.586 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003668.D

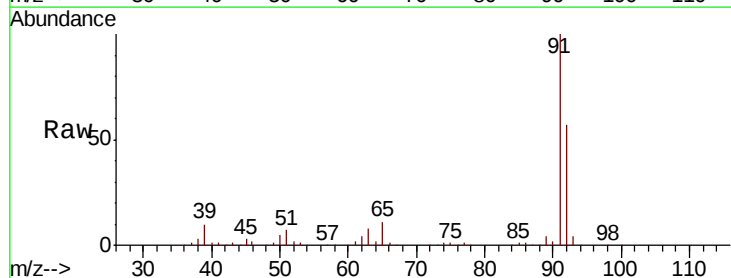
Acq: 25 Jul 2018 19:57

Tgt Ion: 92 Resp: 169083

Ion Ratio Lower Upper

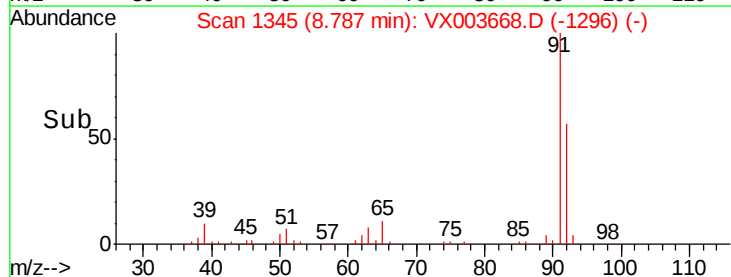
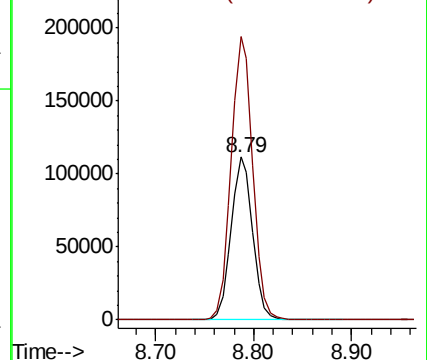
92 100

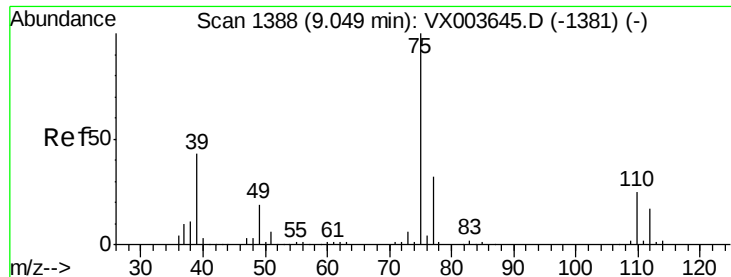
91 175.6 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

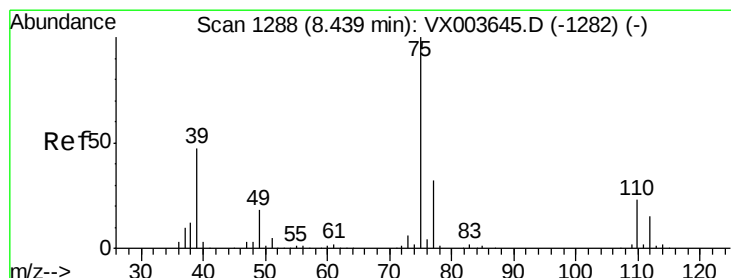
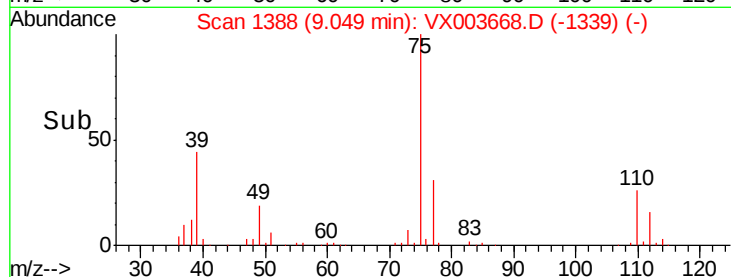
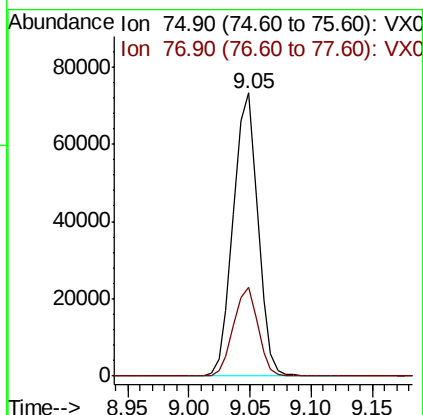
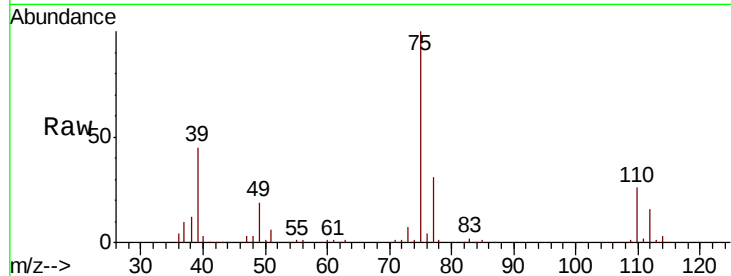




#53
 t-1,3-Dichloropropene
 Concen: 54.981 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

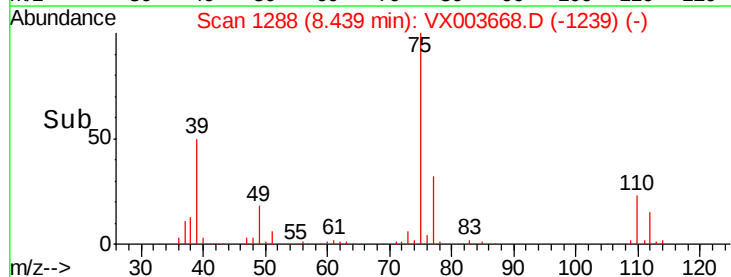
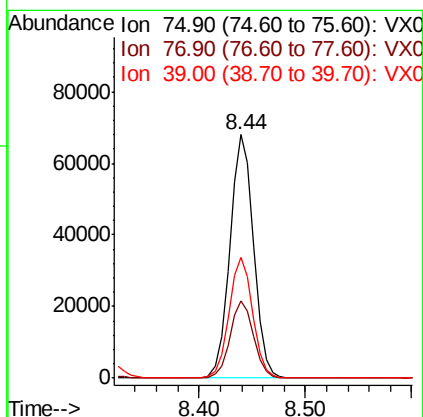
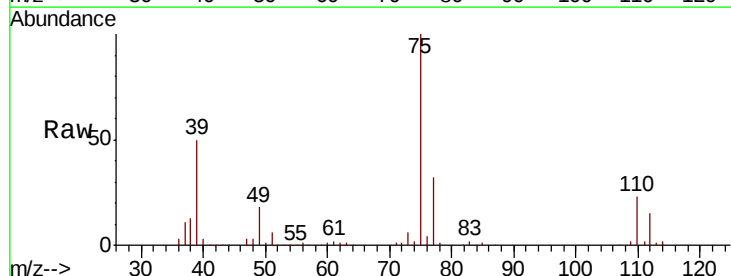
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

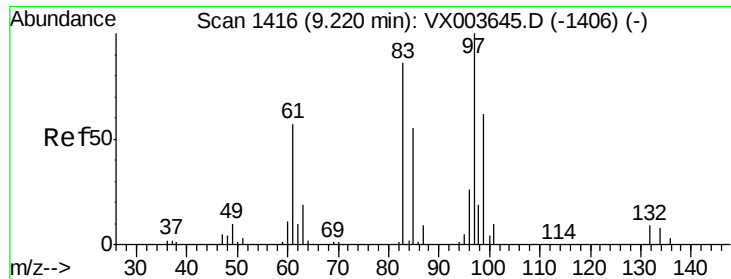
Tgt Ion: 75 Resp: 101915
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.896 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion: 75 Resp: 105855
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8
 39 49.8 38.0 57.0

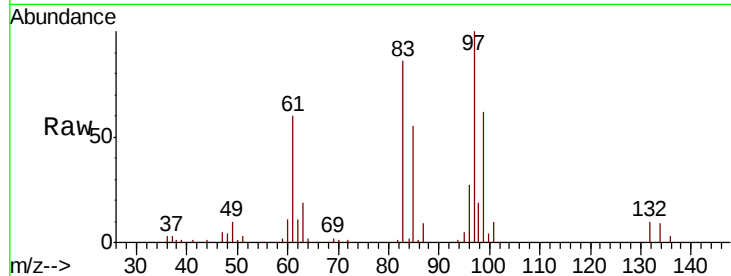




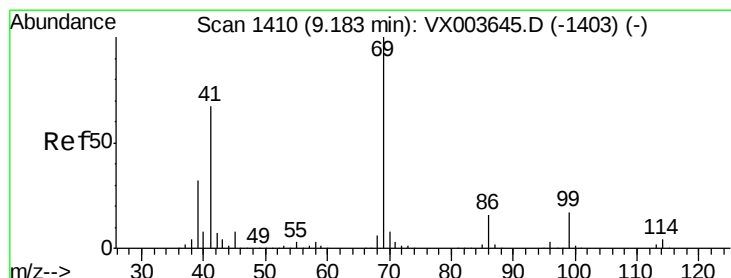
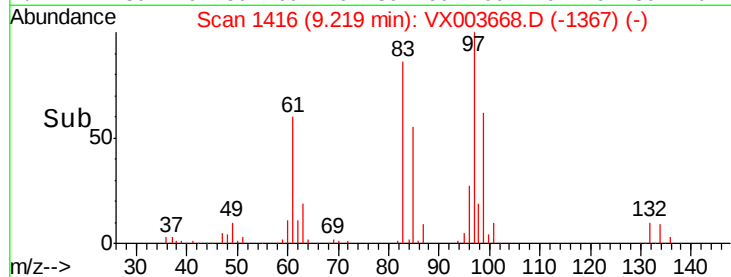
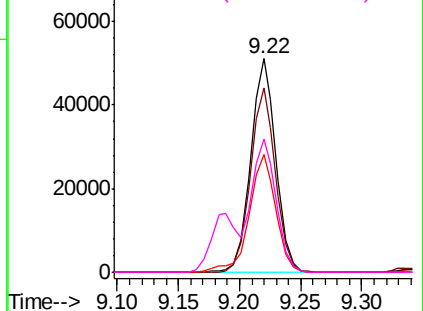
#55
 1,1,2-Trichloroethane
 Concen: 53.380 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	72931
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.7	103.1
85	55.3	43.7	65.5
99	62.0	49.6	74.4

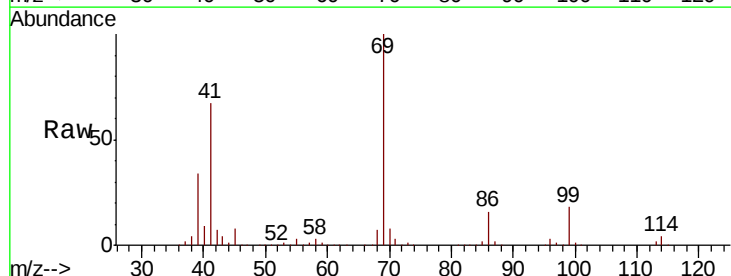


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

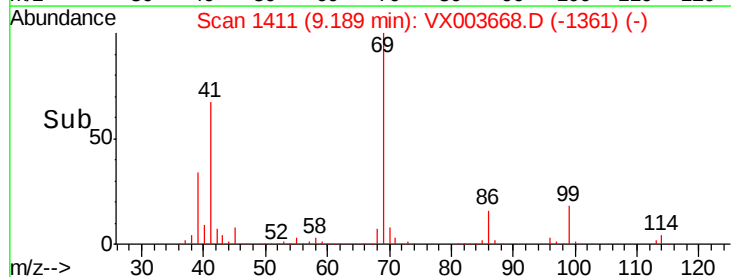
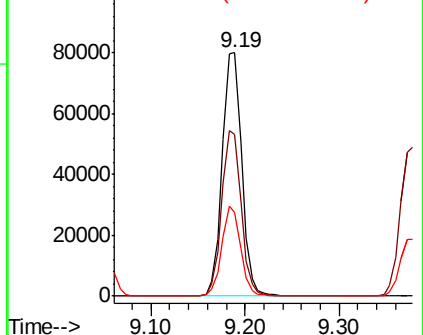


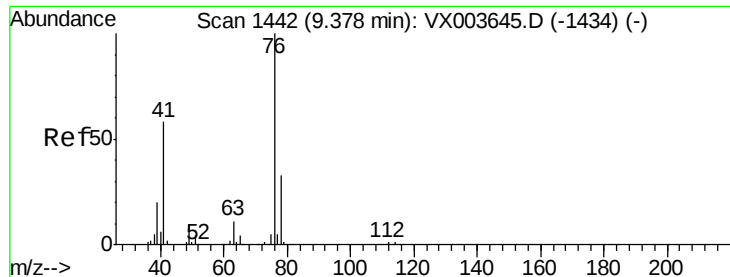
#56
 Ethyl methacrylate
 Concen: 56.936 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion:	69	Resp:	115762
Ion	Ratio	Lower	Upper
69	100		
41	67.8	53.8	80.6
39	35.4	25.8	38.8



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





#57

1,3-Dichloropropane

Concen: 51.014 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

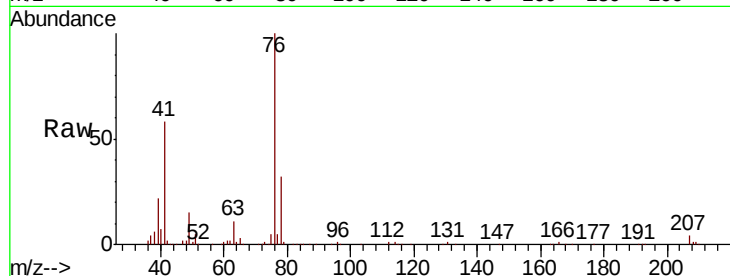
VSTDCCC050EC

Tgt Ion: 76 Resp: 117034

Ion Ratio Lower Upper

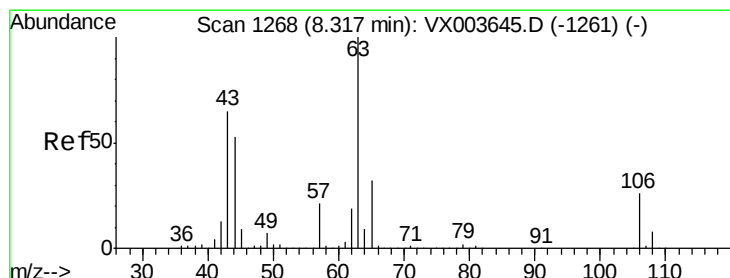
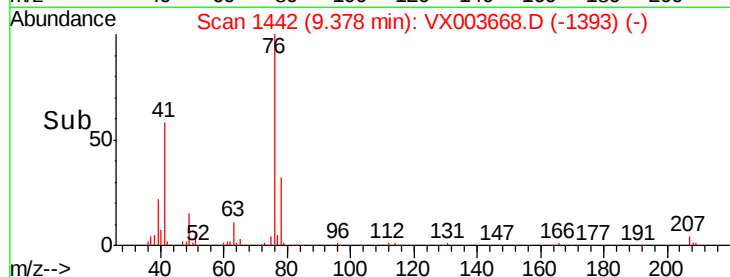
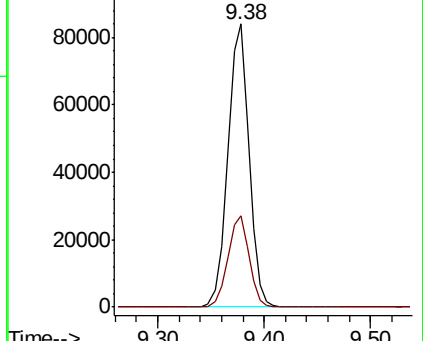
76 100

78 32.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 267.161 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003668.D

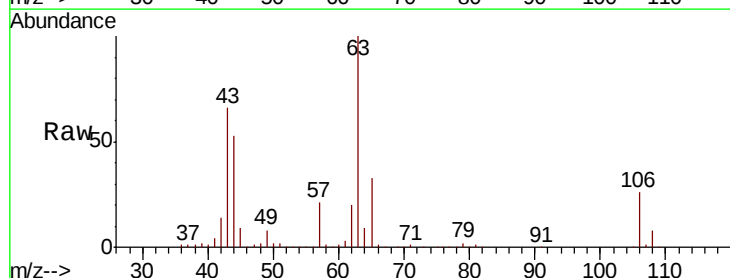
Acq: 25 Jul 2018 19:57

Tgt Ion: 63 Resp: 272961

Ion Ratio Lower Upper

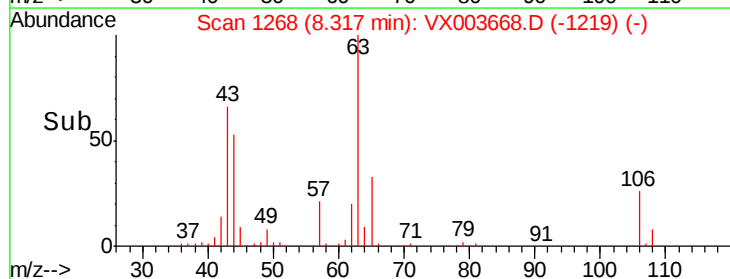
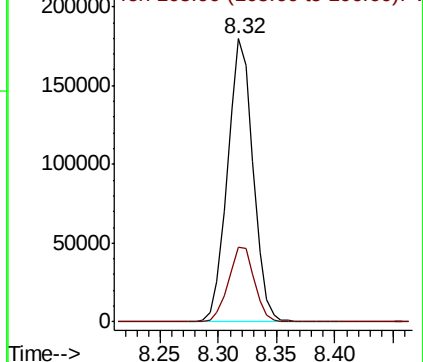
63 100

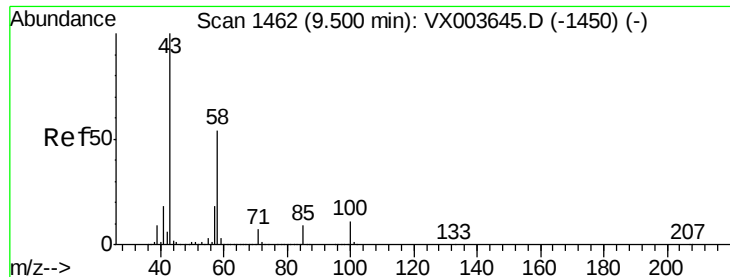
106 27.1 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

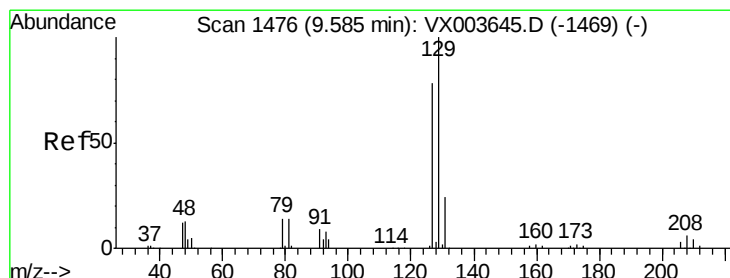
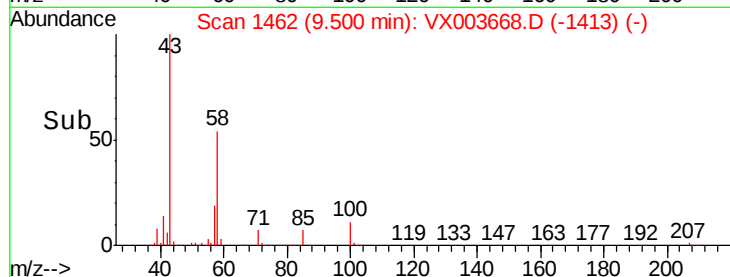
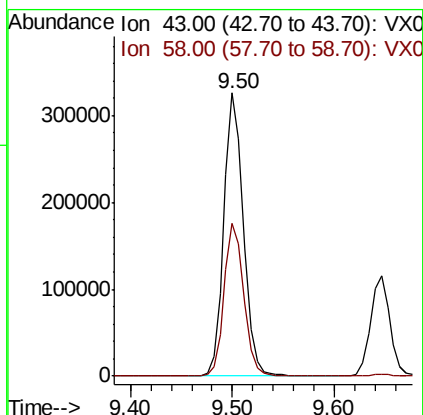
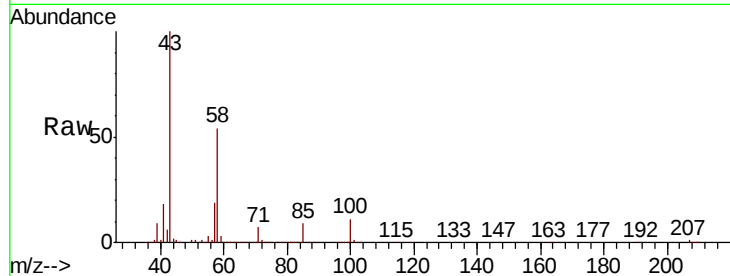




#59
2-Hexanone
Concen: 263.301 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

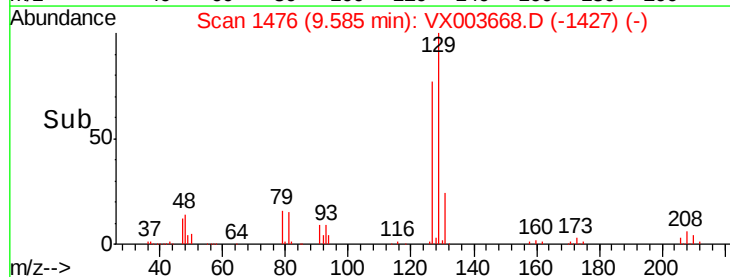
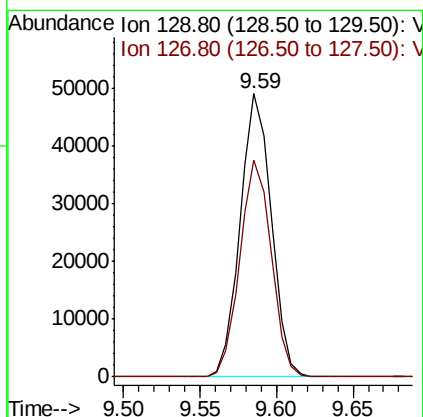
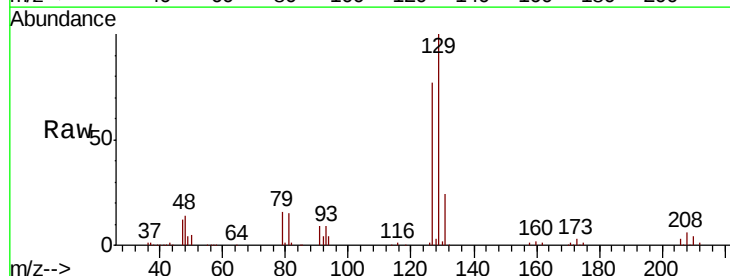
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

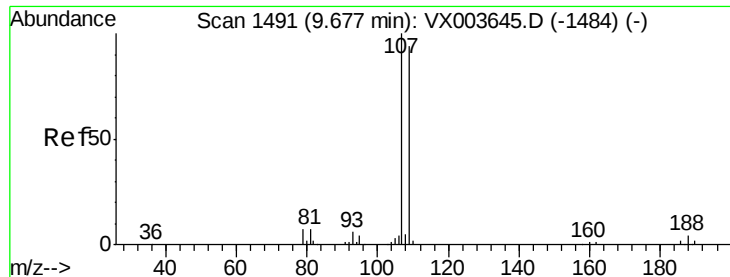
Tgt Ion: 43 Resp: 434382
Ion Ratio Lower Upper
43 100
58 54.2 27.3 81.9



#60
Dibromochloromethane
Concen: 53.718 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion: 129 Resp: 69613
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





#61

1,2-Dibromoethane

Concen: 52.610 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

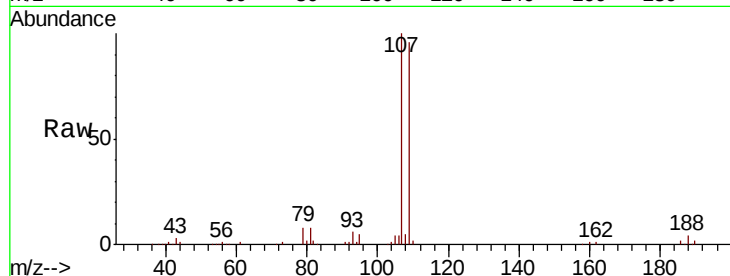
VSTDCCC050EC

Tgt Ion: 107 Resp: 74847

Ion Ratio Lower Upper

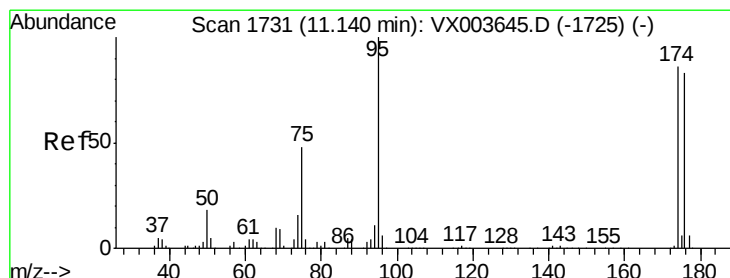
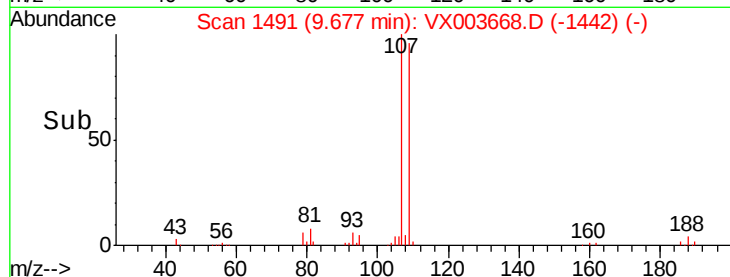
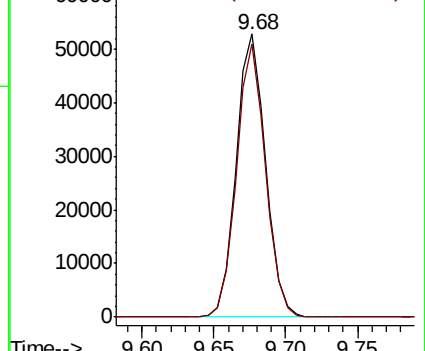
107 100

109 95.0 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: 53.085 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

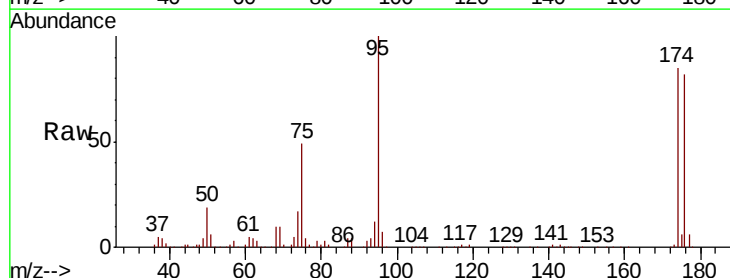
Tgt Ion: 95 Resp: 93904

Ion Ratio Lower Upper

95 100

174 87.9 0.0 179.0

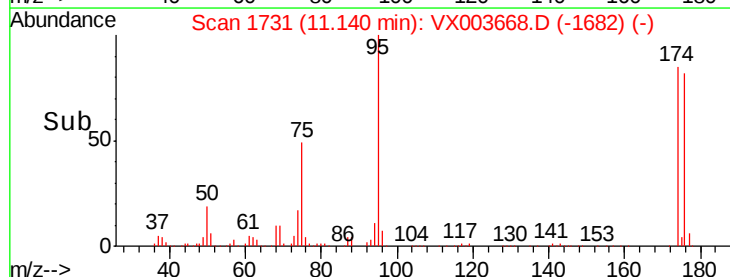
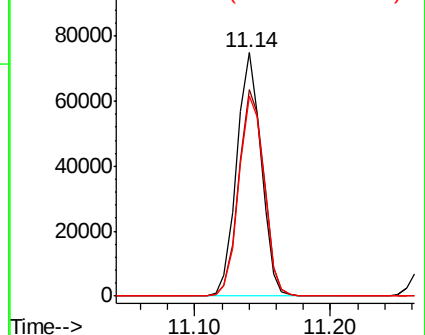
176 85.3 0.0 173.0

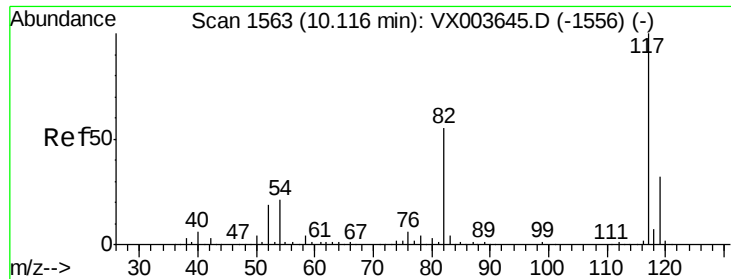


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

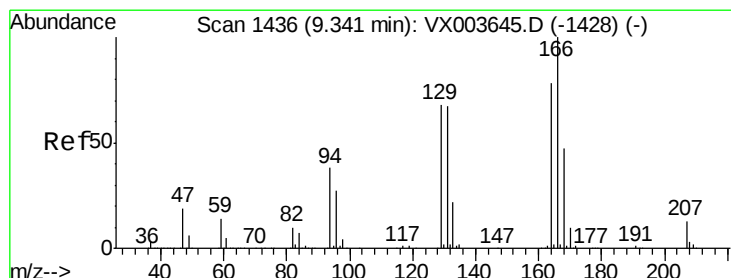
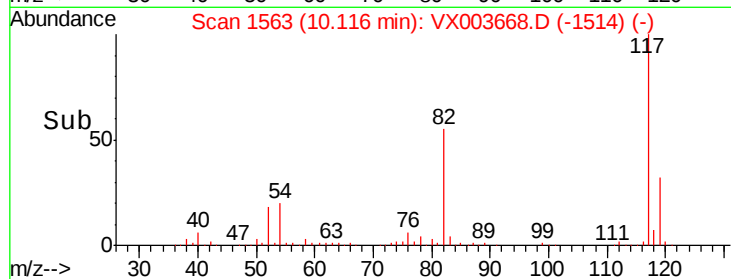
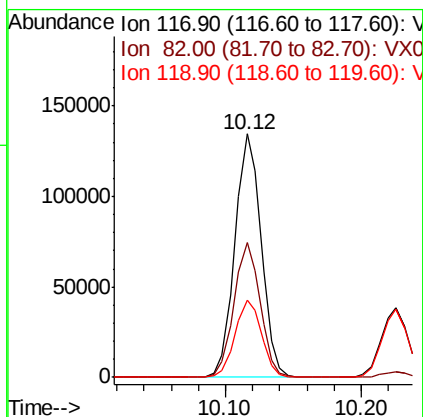
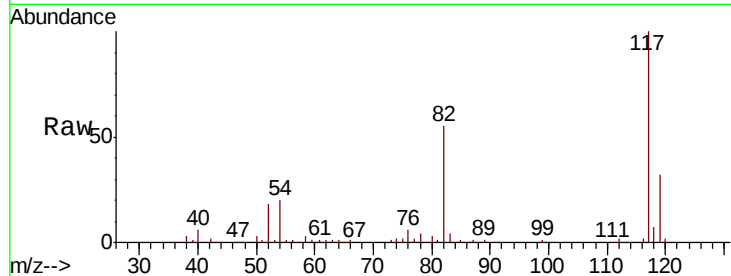




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

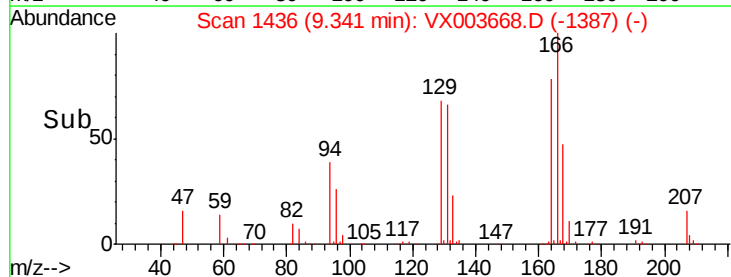
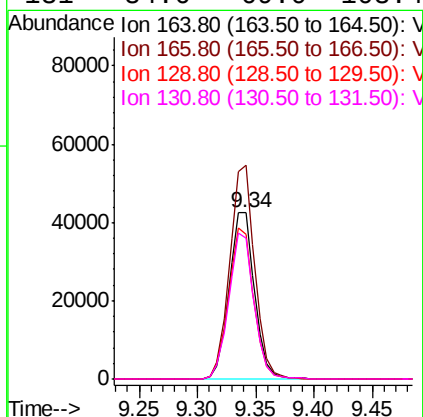
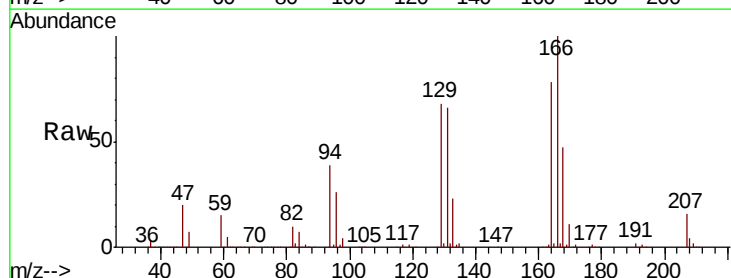
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

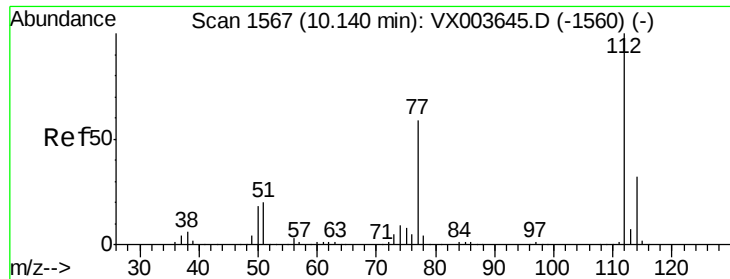
Tgt Ion:117 Resp: 180991
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 39.045 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion:164 Resp: 64609
Ion Ratio Lower Upper
164 100
166 128.4 102.4 153.6
129 86.7 69.6 104.4
131 84.6 69.0 103.4

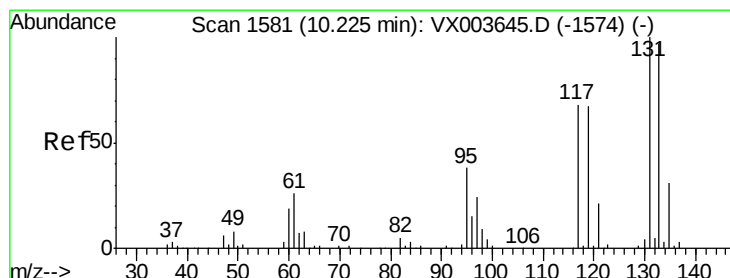
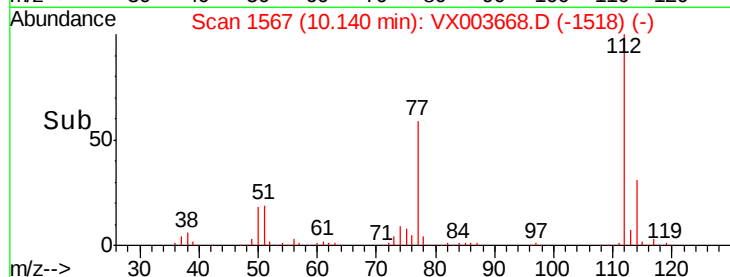
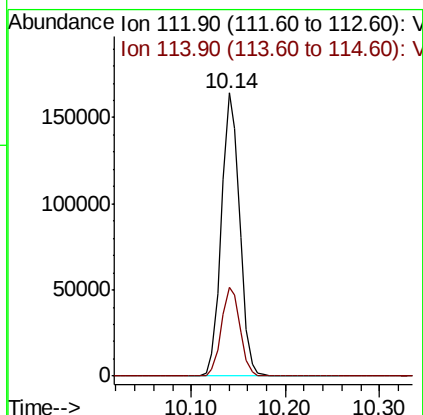
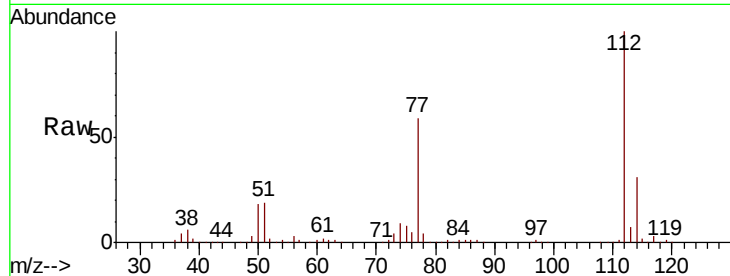




#65
Chlorobenzene
Concen: 48.482 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

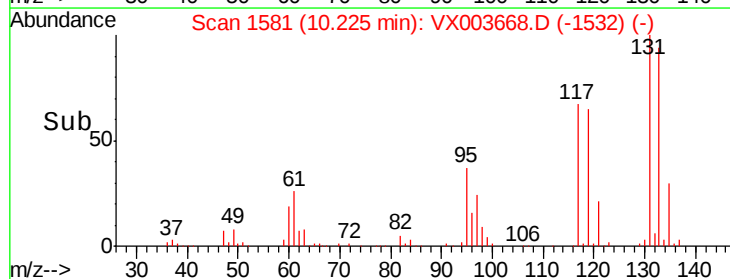
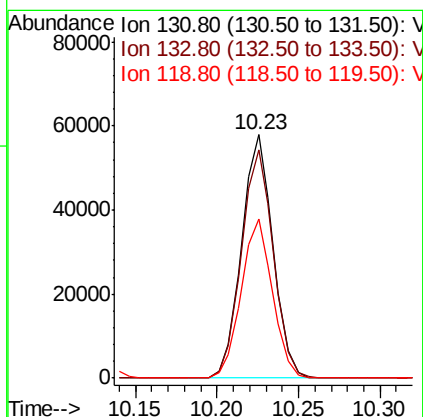
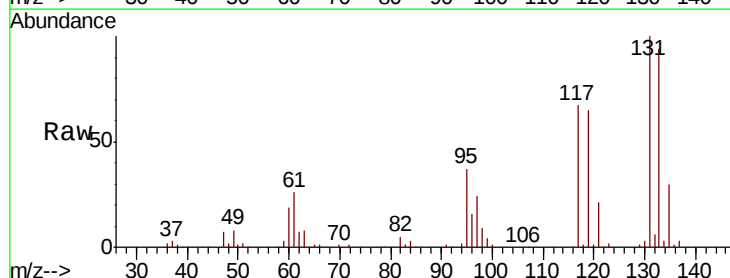
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

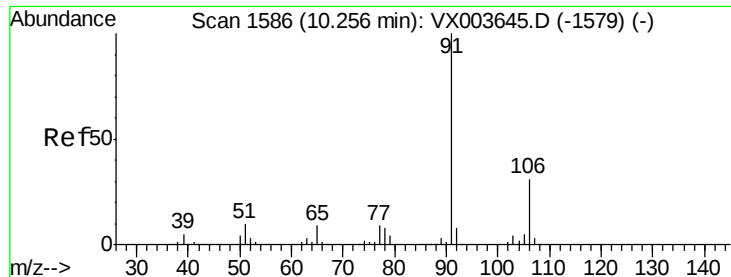
Tgt Ion:112 Resp: 220833
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.867 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion:131 Resp: 77383
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 65.2 32.8 98.4

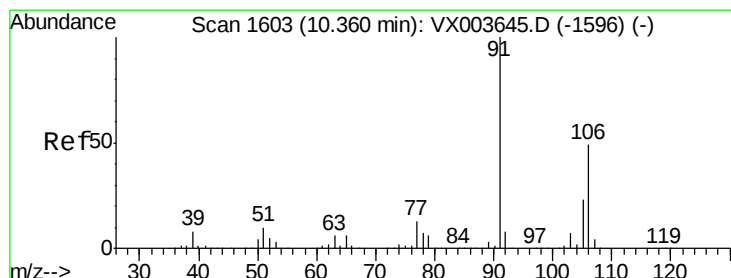
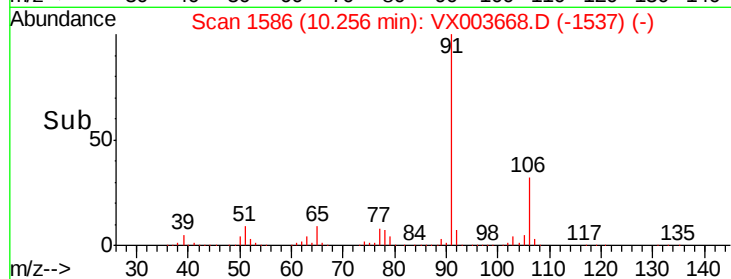
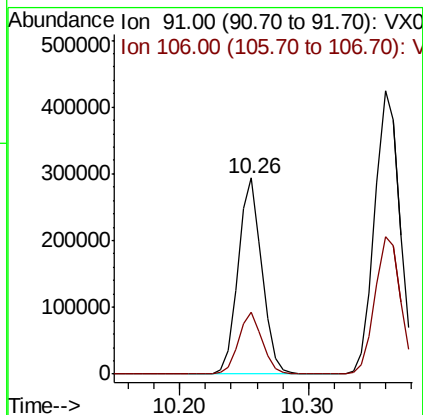
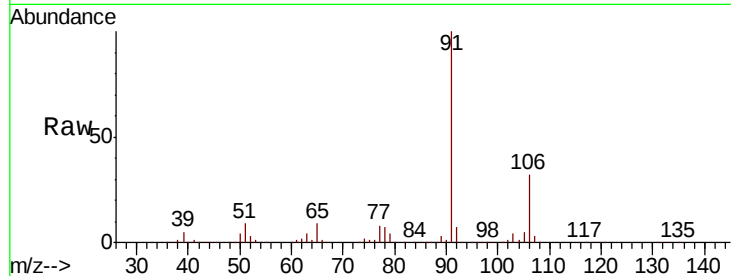




#67
 Ethyl Benzene
 Concen: 49.260 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

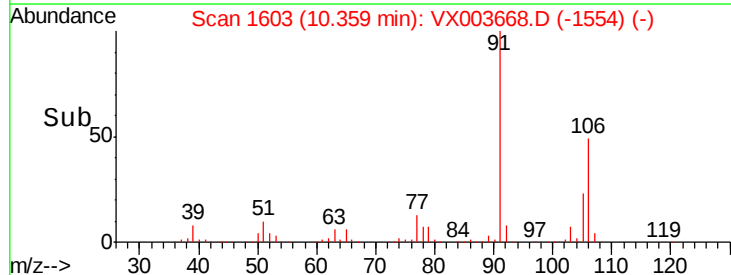
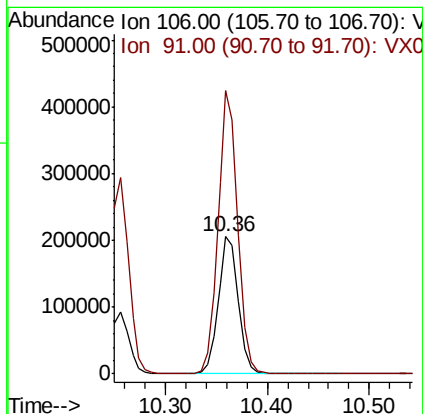
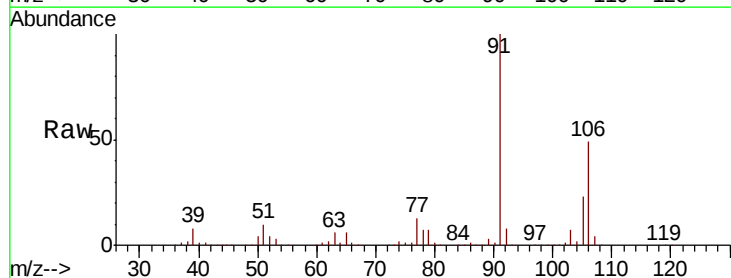
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

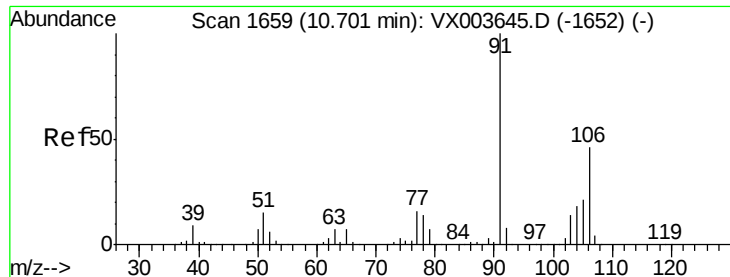
Tgt Ion: 91 Resp: 375582
 Ion Ratio Lower Upper
 91 100
 106 31.6 25.0 37.6



#68
 m/p-Xylenes
 Concen: 95.928 ug/l
 RT: 10.36 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion: 106 Resp: 280589
 Ion Ratio Lower Upper
 106 100
 91 202.9 162.2 243.2

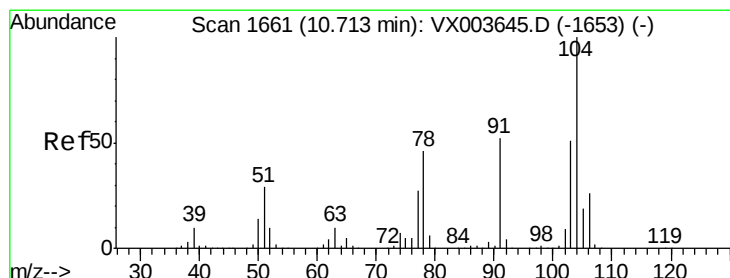
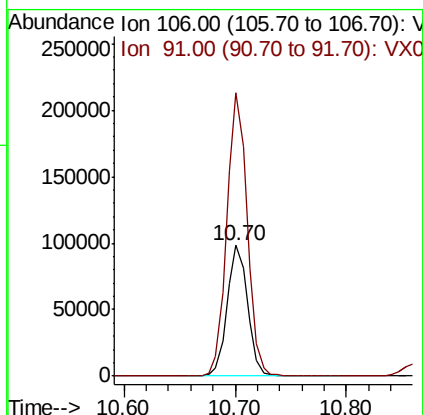
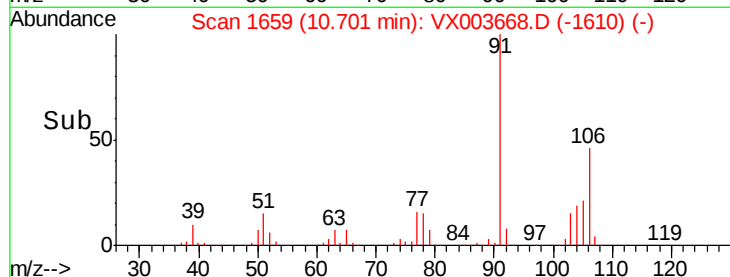
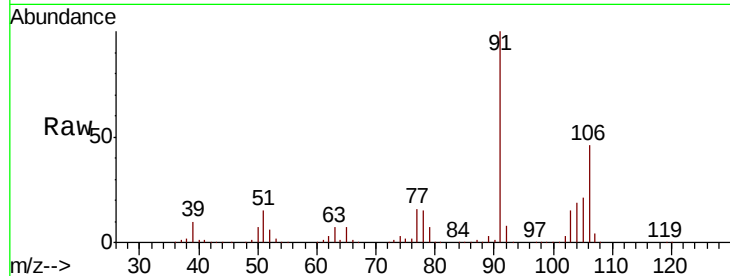




#69
o-Xylene
Concen: 44.319 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

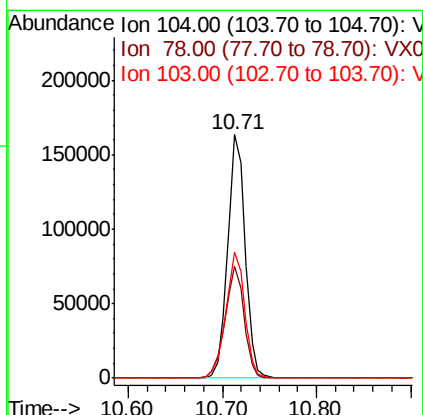
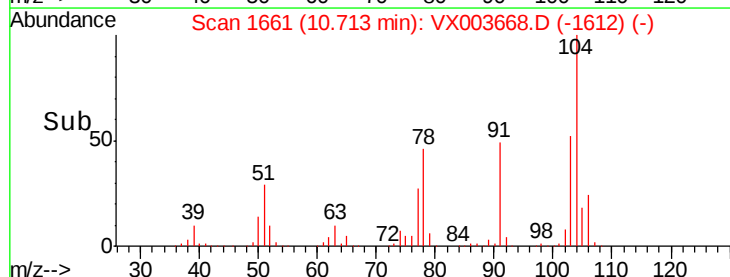
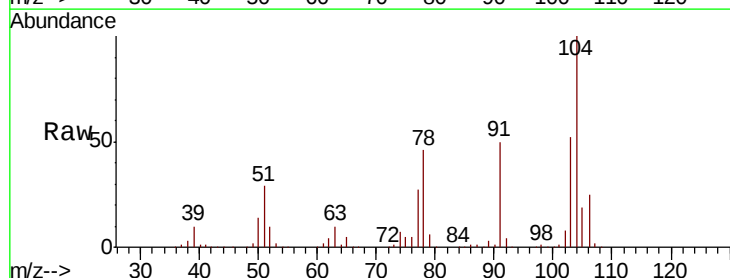
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 124797
Ion Ratio Lower Upper
106 100
91 215.6 107.1 321.1



#70
Styrene
Concen: 44.658 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion:104 Resp: 211238
Ion Ratio Lower Upper
104 100
78 49.9 39.2 58.8
103 55.5 44.2 66.4





#71

Bromoform

Concen: 42.764 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

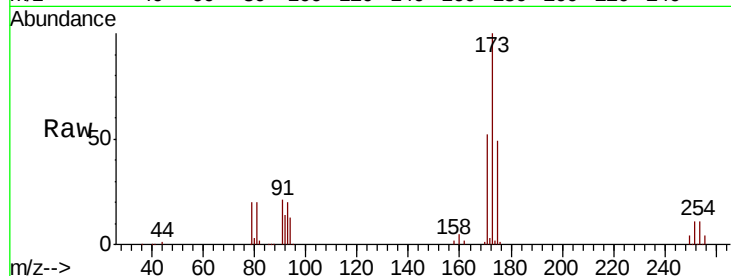
Tgt Ion:173 Resp: 53548

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.2

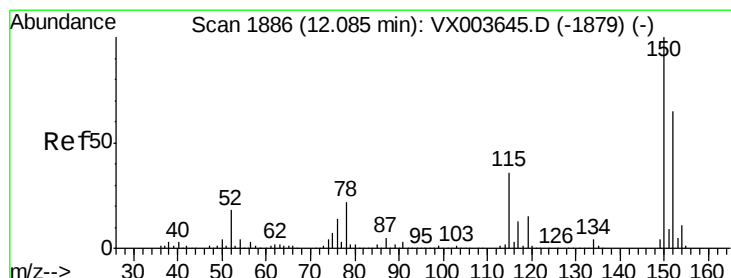
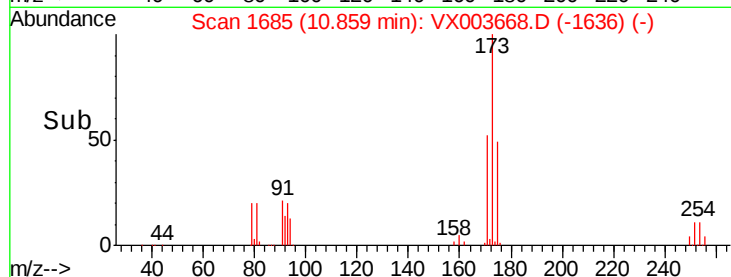
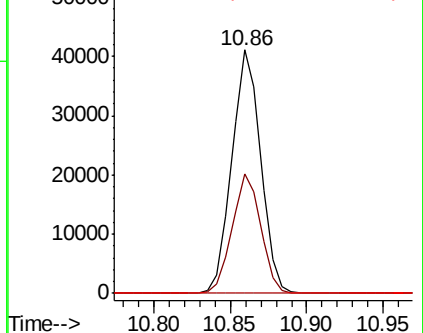
254 0.1 0.0 0.0#



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: VX003668.D

Acq: 25 Jul 2018 19:57

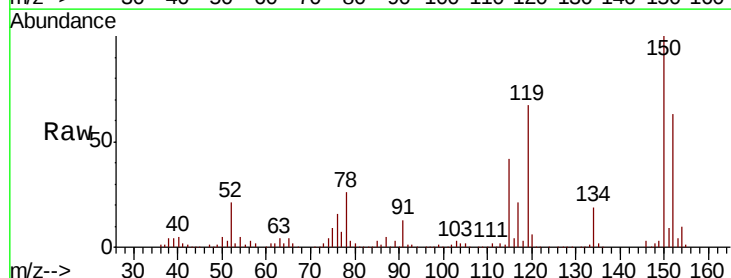
Tgt Ion:152 Resp: 100598

Ion Ratio Lower Upper

152 100

115 79.0 40.0 119.9

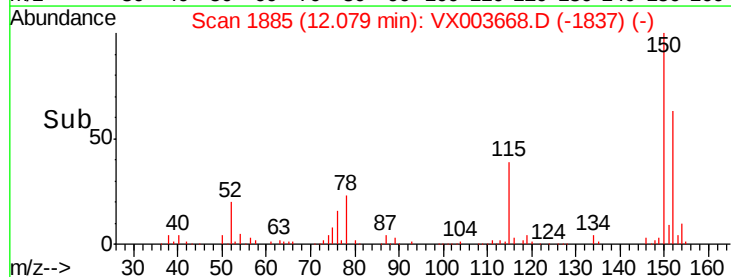
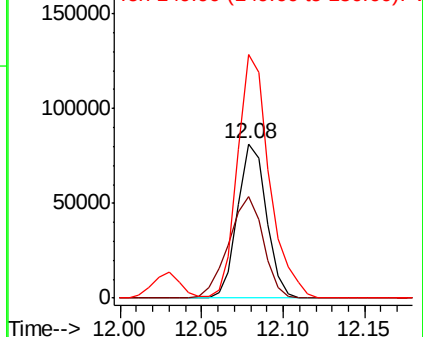
150 174.3 0.0 348.4

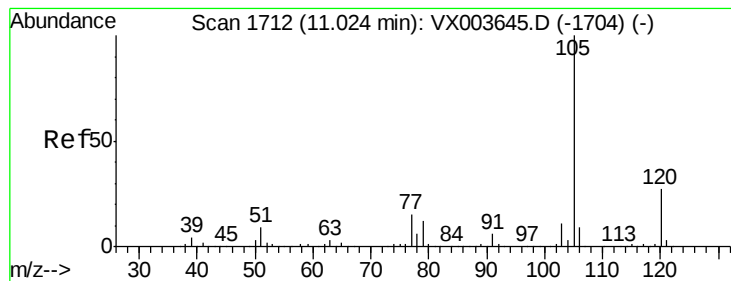


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.003 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

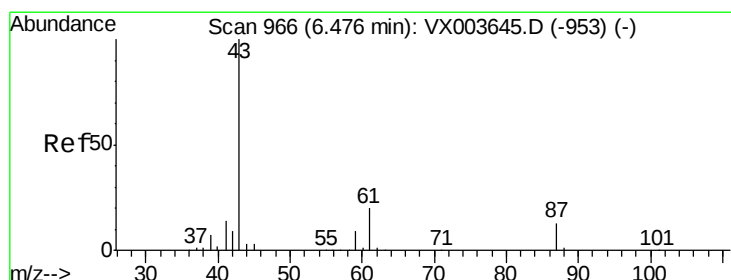
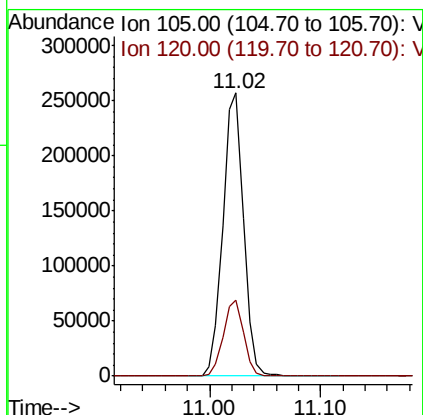
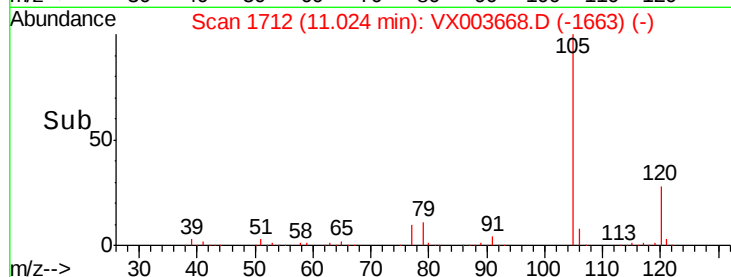
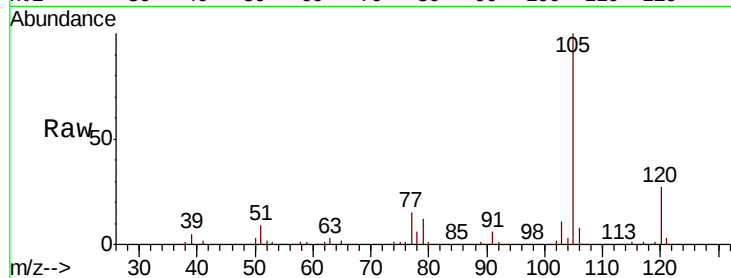
VSTDCCC050EC

Tgt Ion:105 Resp: 329933

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.5



#74

N-ethyl acetate

Concen: 44.536 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Tgt Ion: 43 Resp: 159647

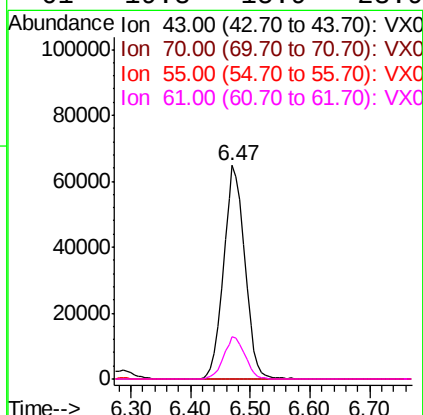
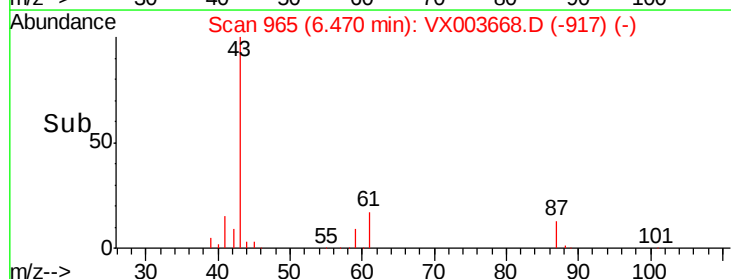
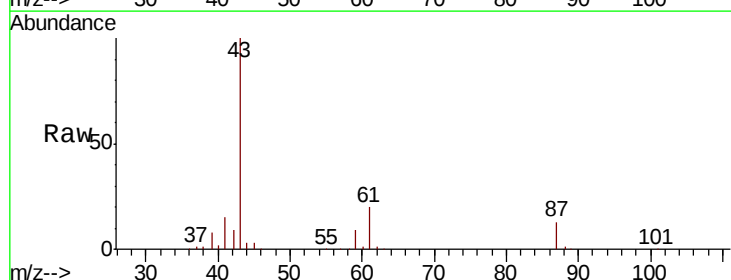
Ion Ratio Lower Upper

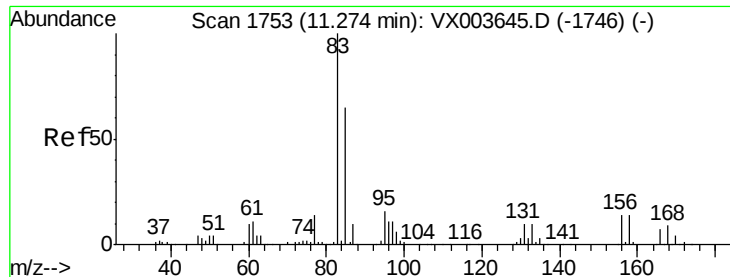
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.8 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 46.378 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

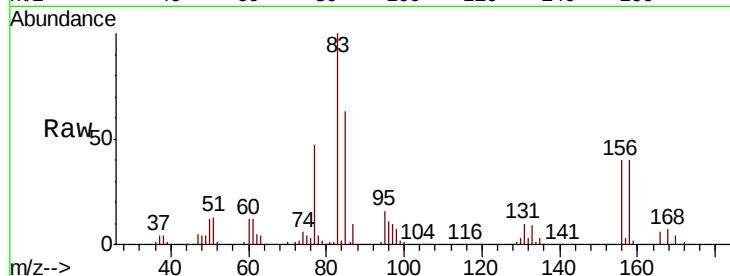
Tgt Ion: 83 Resp: 117714

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

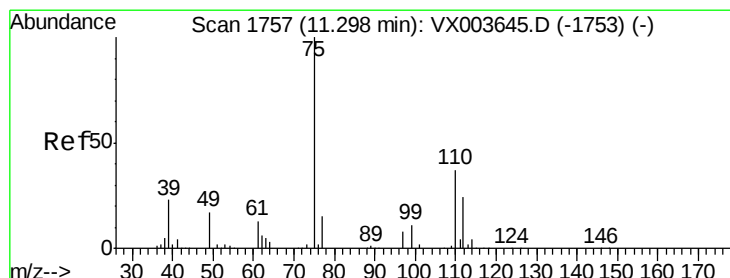
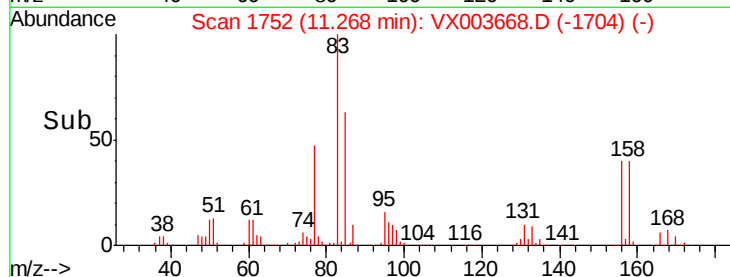
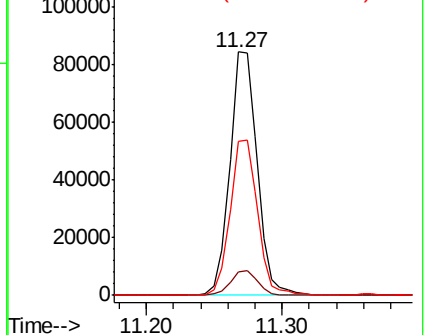
85 64.1 31.9 95.9



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: 71.034 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003668.D

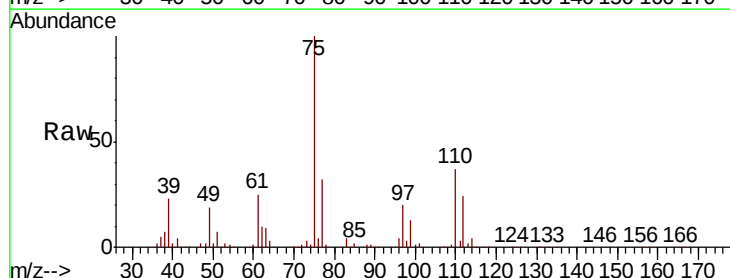
Acq: 25 Jul 2018 19:57

Tgt Ion: 75 Resp: 149882

Ion Ratio Lower Upper

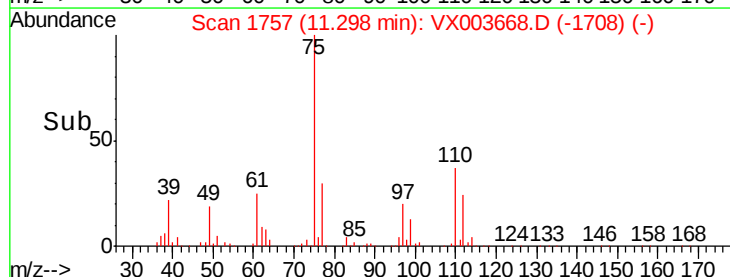
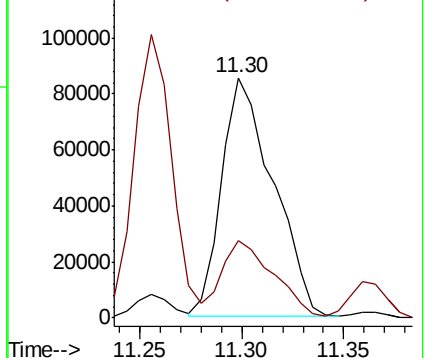
75 100

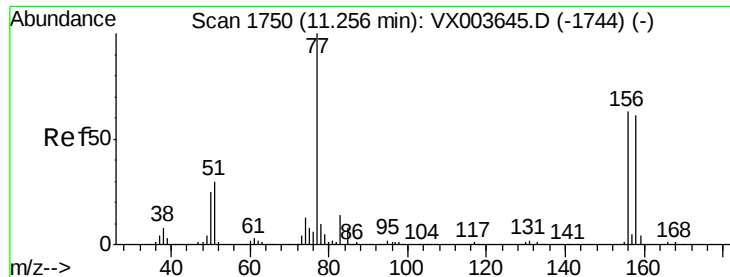
77 32.4 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.809 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

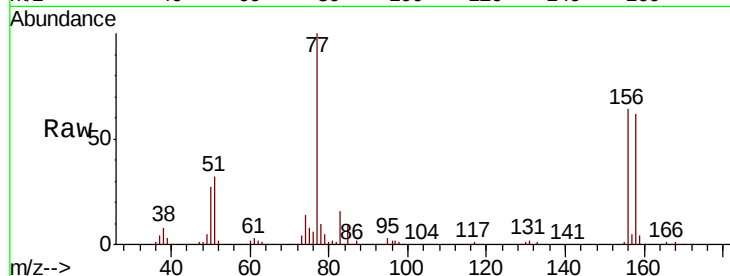
Tgt Ion:156 Resp: 85516

Ion Ratio Lower Upper

156 100

77 152.1 74.9 224.6

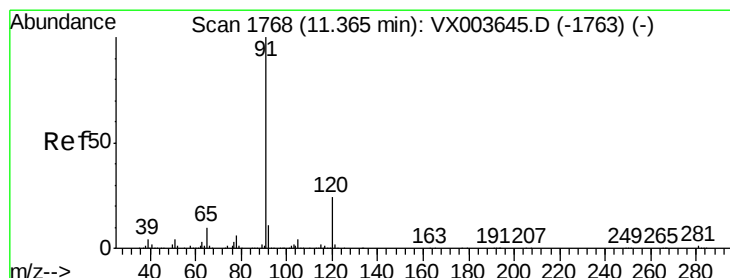
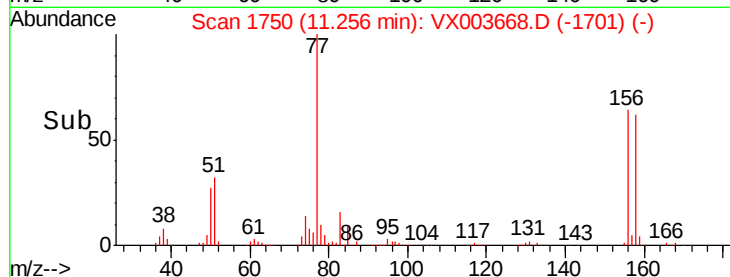
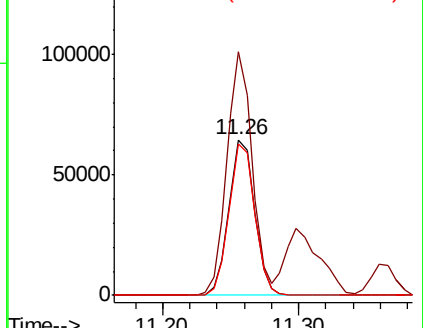
158 97.6 48.4 145.2



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: 52.618 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003668.D

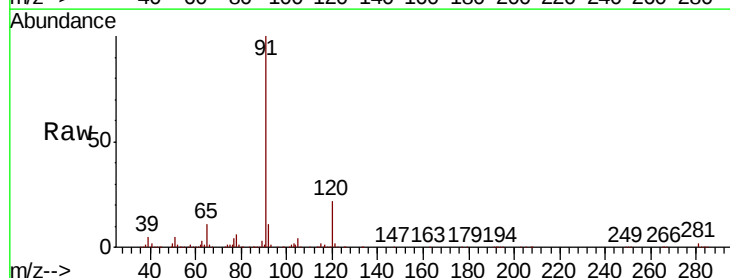
Acq: 25 Jul 2018 19:57

Tgt Ion: 91 Resp: 417600

Ion Ratio Lower Upper

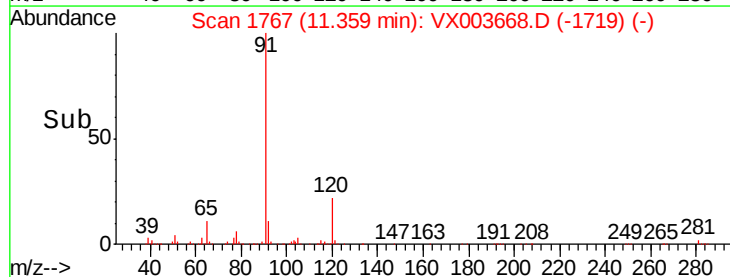
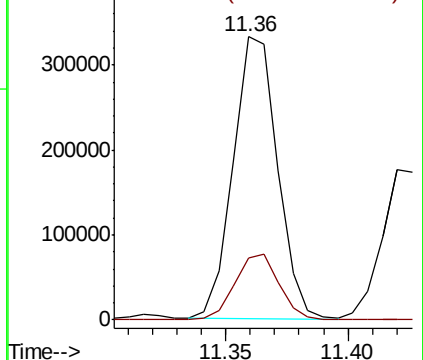
91 100

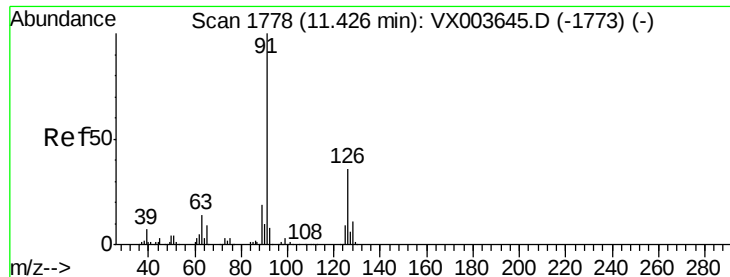
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

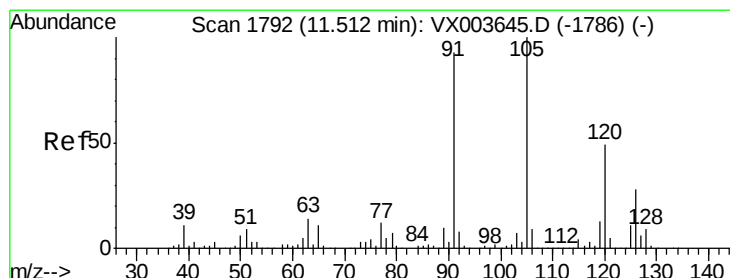
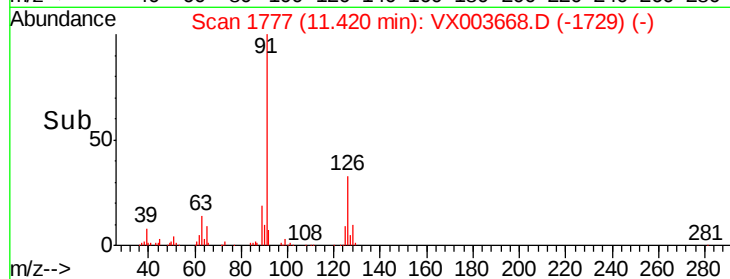
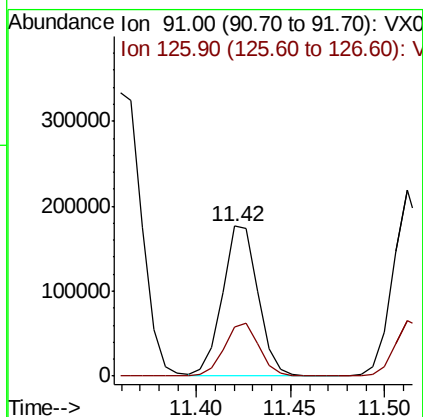
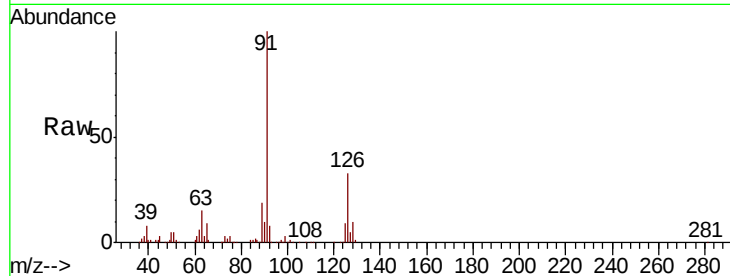




#79
2-Chlorotoluene
Concen: 47.376 ug/l
RT: 11.42 min Scan# 1777
Delta R.T. -0.01 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

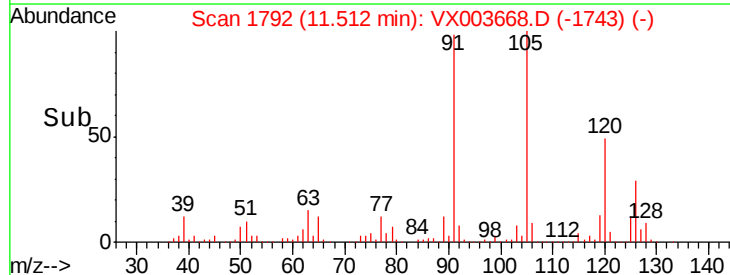
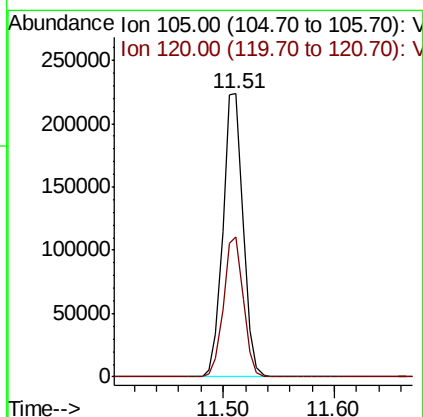
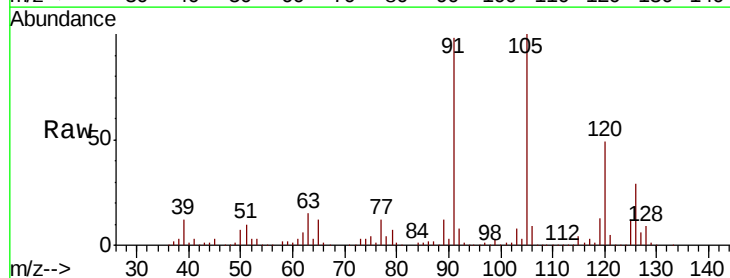
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

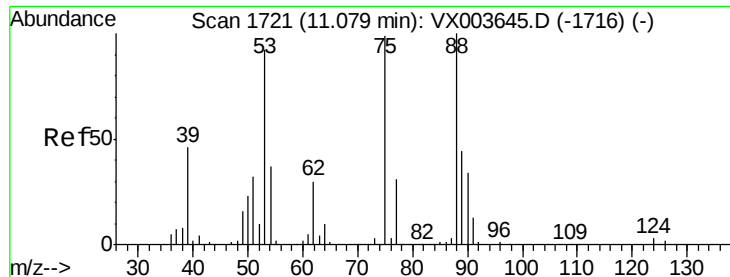
Tgt Ion: 91 Resp: 228528
Ion Ratio Lower Upper
91 100
126 34.8 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 48.238 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion: 105 Resp: 280502
Ion Ratio Lower Upper
105 100
120 48.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.176 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

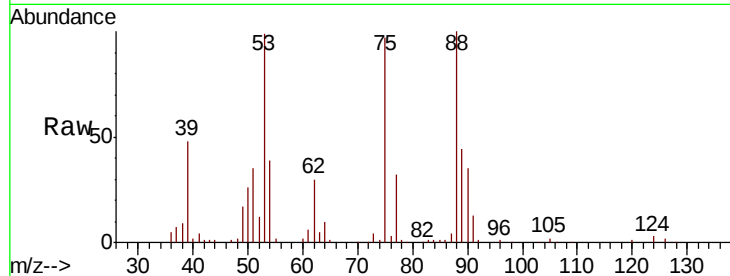
Tgt Ion: 75 Resp: 33490

Ion Ratio Lower Upper

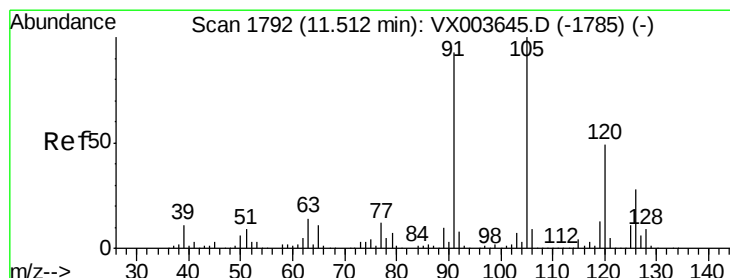
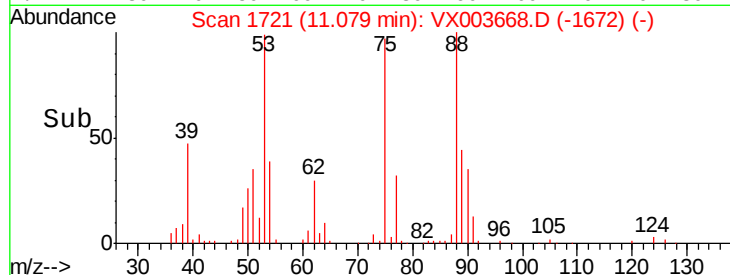
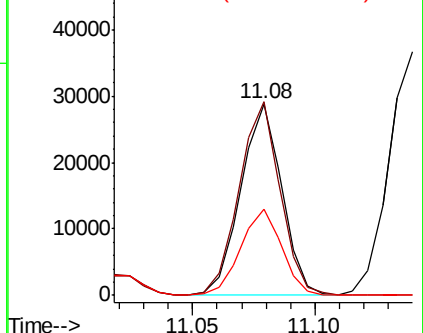
75 100

53 101.7 77.8 116.8

89 45.4 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



#82

4-Chlorotoluene

Concen: 47.000 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003668.D

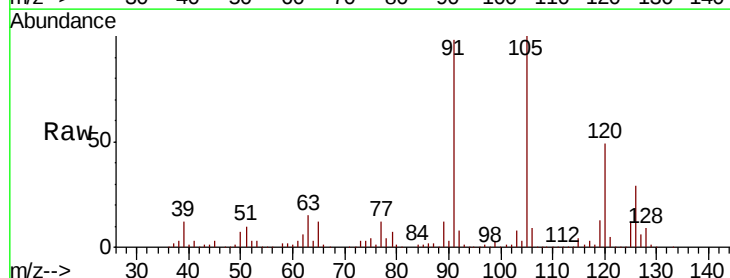
Acq: 25 Jul 2018 19:57

Tgt Ion: 91 Resp: 267060

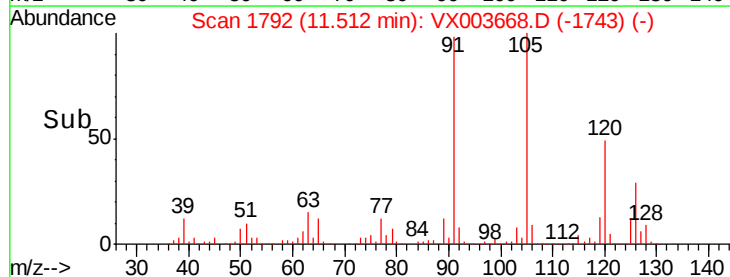
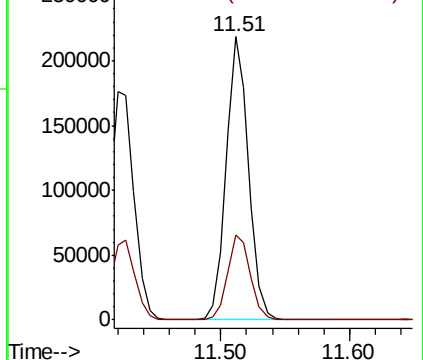
Ion Ratio Lower Upper

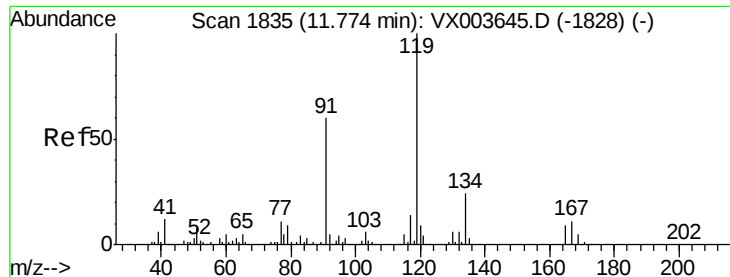
91 100

126 30.4 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

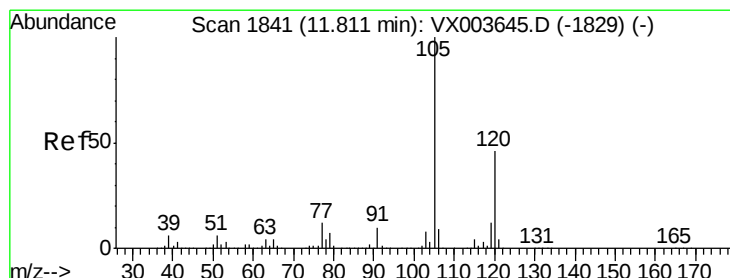
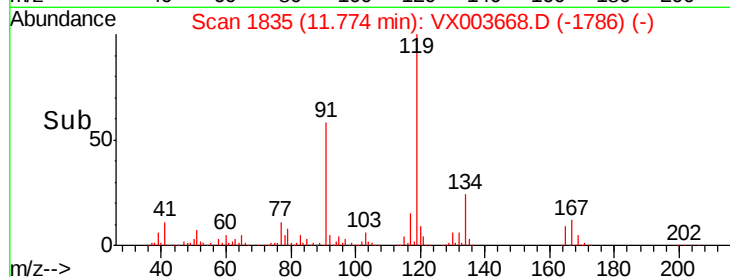
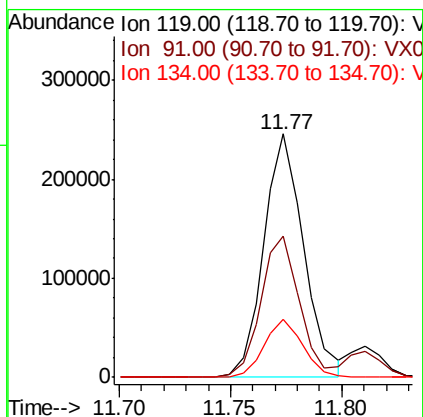
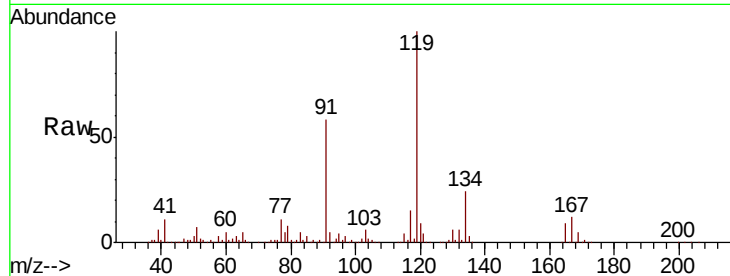




#83
 tert-Butylbenzene
 Concen: 53.826 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

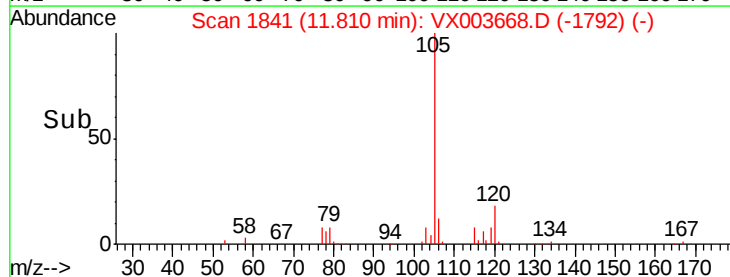
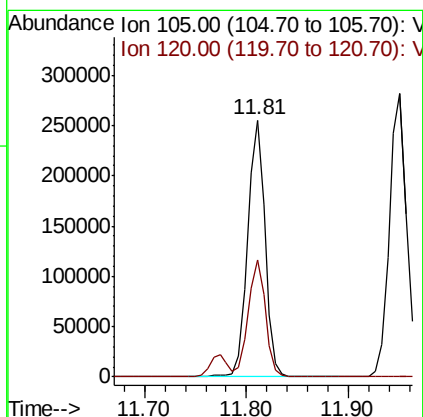
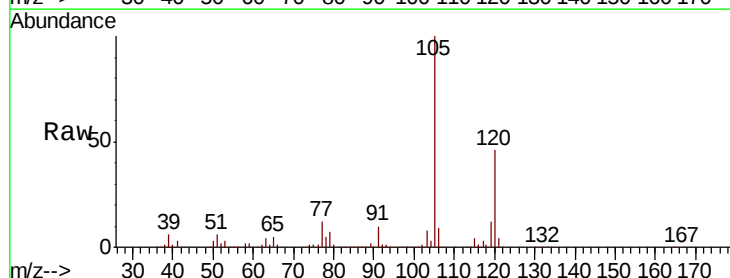
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

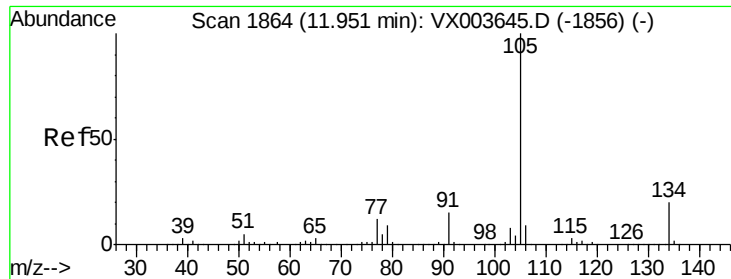
Tgt Ion:119 Resp: 306272
 Ion Ratio Lower Upper
 119 100
 91 55.3 28.4 85.2
 134 22.9 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.563 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion:105 Resp: 302186
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.8

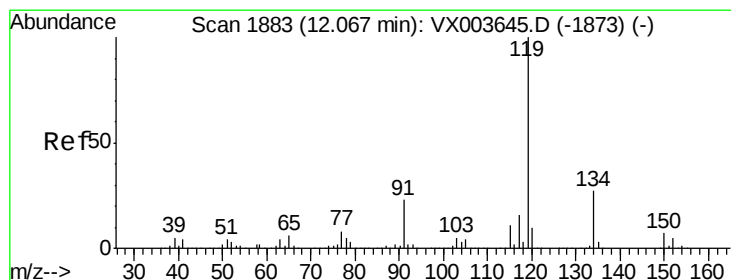
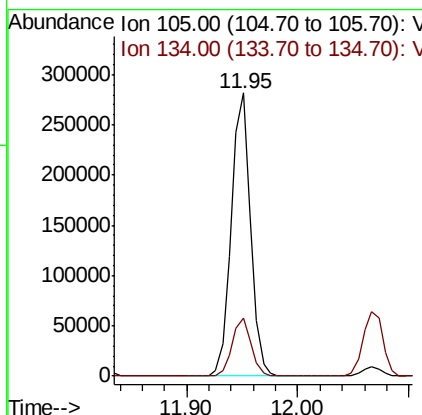
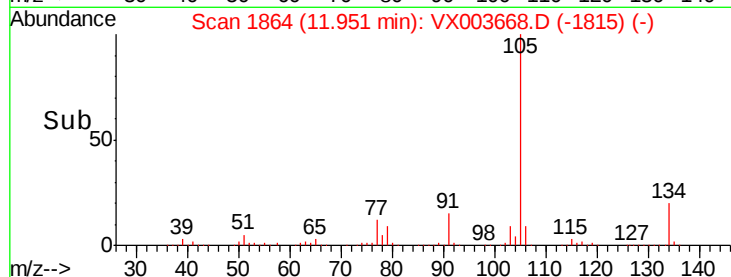
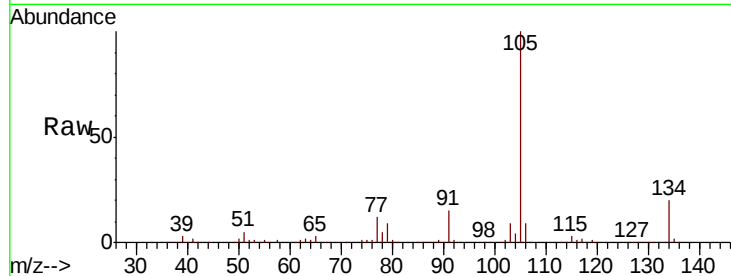




#85
 sec-Butylbenzene
 Concen: 49.350 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

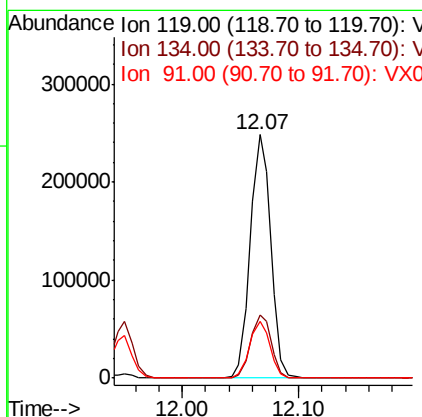
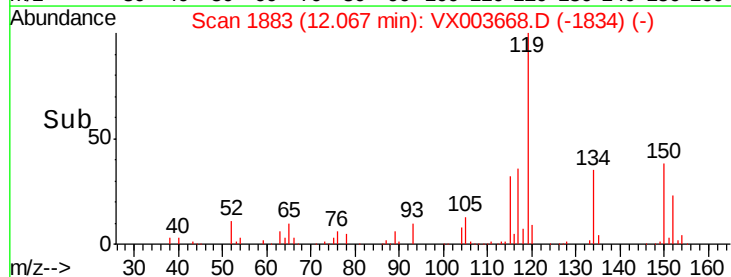
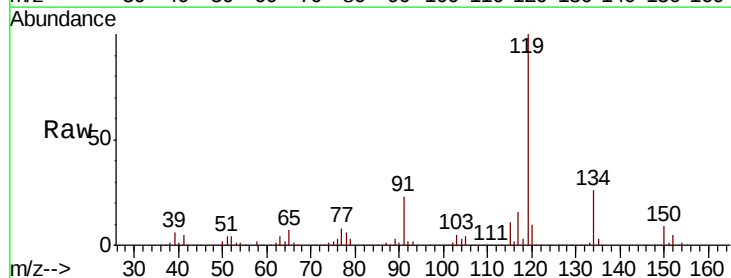
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

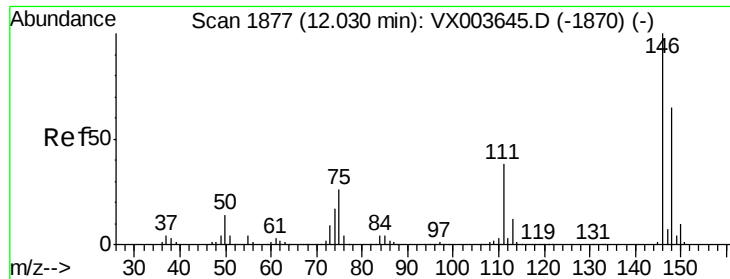
Tgt Ion:105 Resp: 335157
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.222 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion:119 Resp: 306137
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 23.3 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 45.719 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

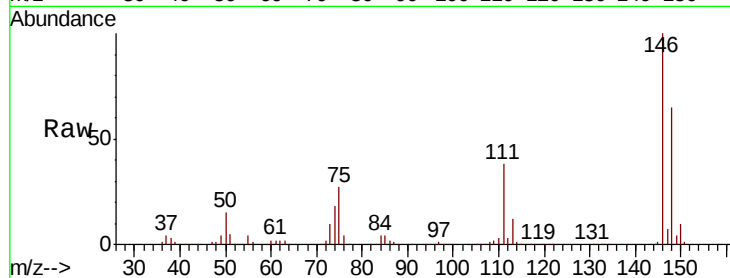
Tgt Ion:146 Resp: 158948

Ion Ratio Lower Upper

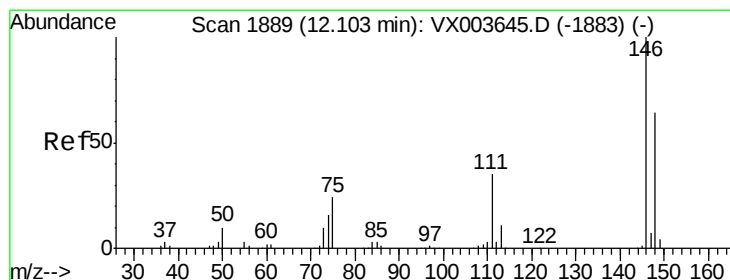
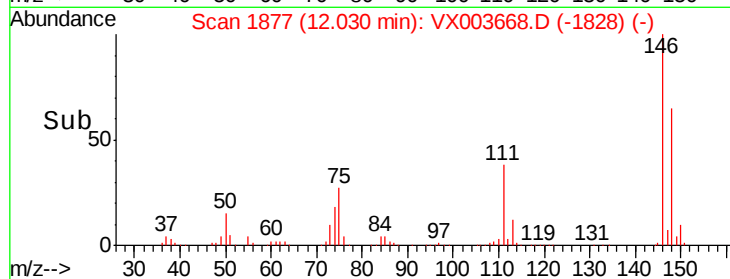
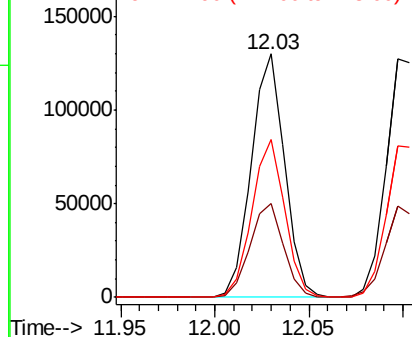
146 100

111 38.8 19.4 58.2

148 64.1 32.4 97.0



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



#88

1,4-Dichlorobenzene

Concen: 45.113 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

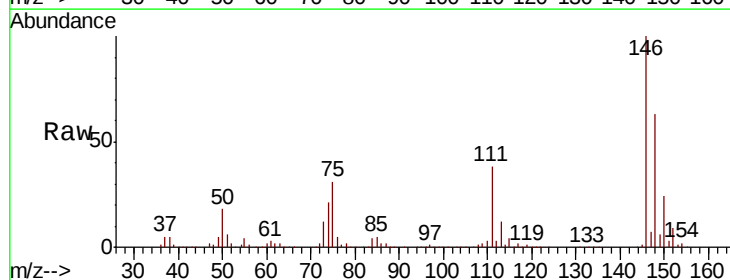
Tgt Ion:146 Resp: 163063

Ion Ratio Lower Upper

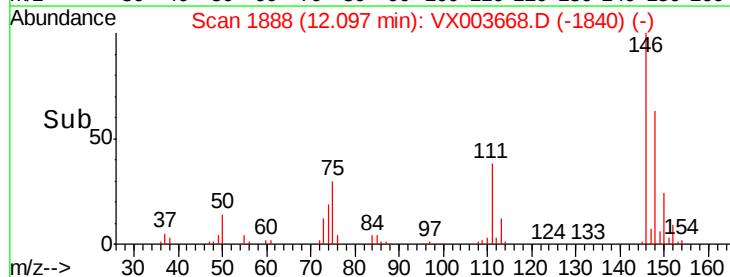
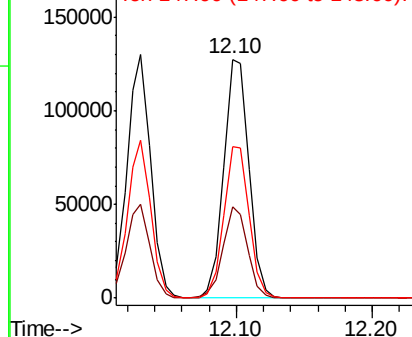
146 100

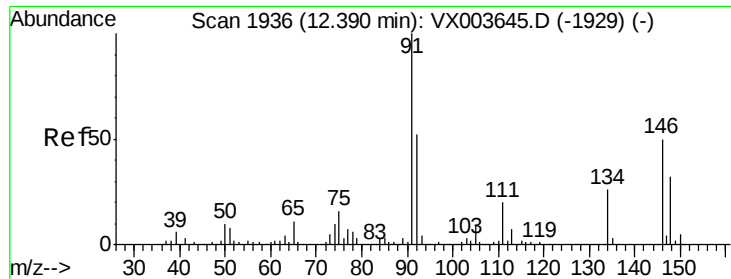
111 37.7 18.6 55.6

148 63.7 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





#89

n-Butylbenzene

Concen: 49.728 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

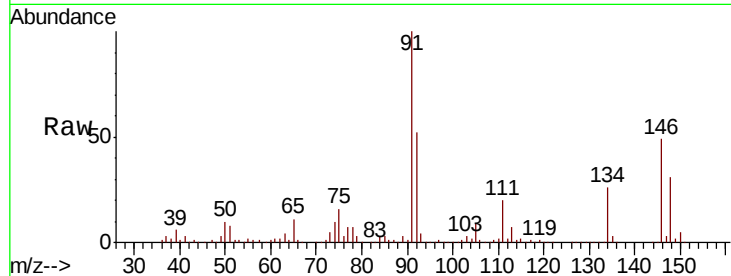
Tgt Ion: 91 Resp: 273211

Ion Ratio Lower Upper

91 100

92 52.2 26.3 78.9

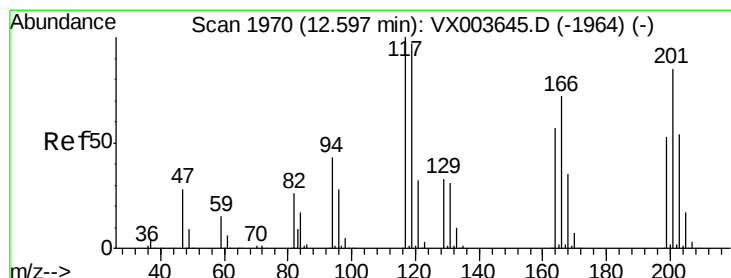
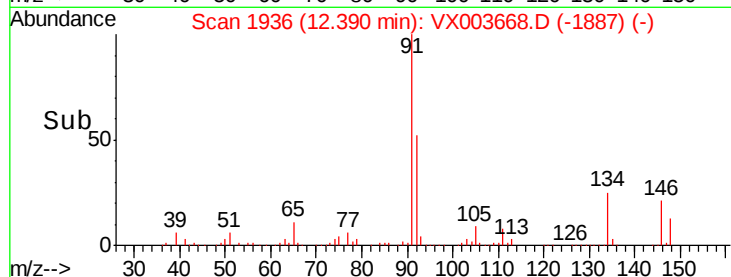
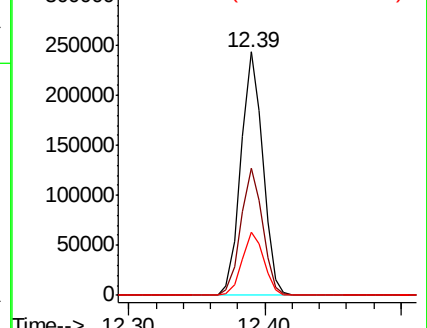
134 25.9 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VX003645.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX003645.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX003645.D (-1929) (-)



#90

Hexachloroethane

Concen: 50.987 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003668.D

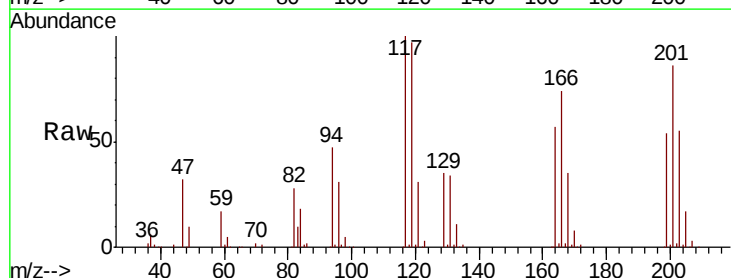
Acq: 25 Jul 2018 19:57

Tgt Ion: 117 Resp: 47069

Ion Ratio Lower Upper

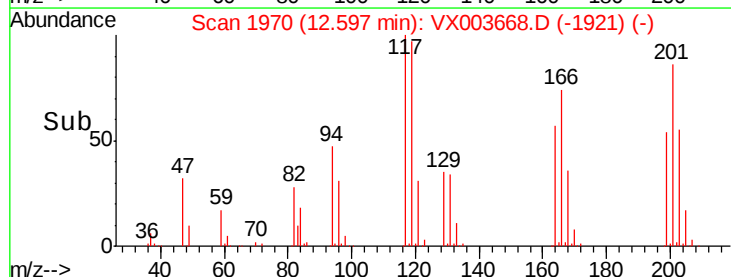
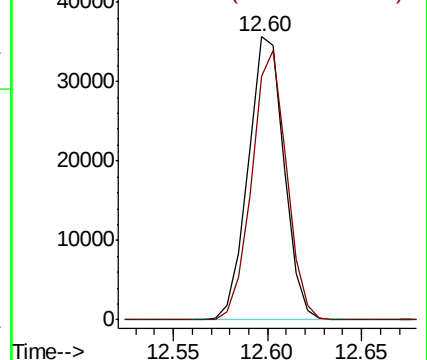
117 100

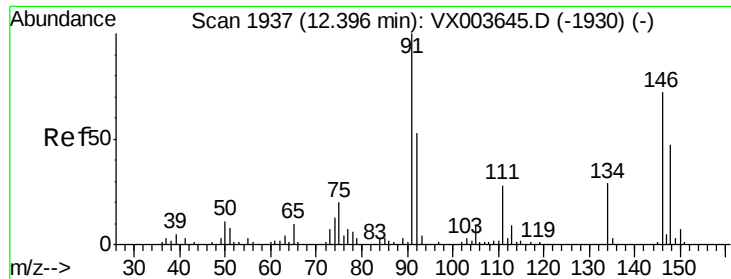
201 92.0 46.2 138.5



Abundance Ion 116.80 (116.50 to 117.50): VX003645.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX003645.D (-1964) (-)

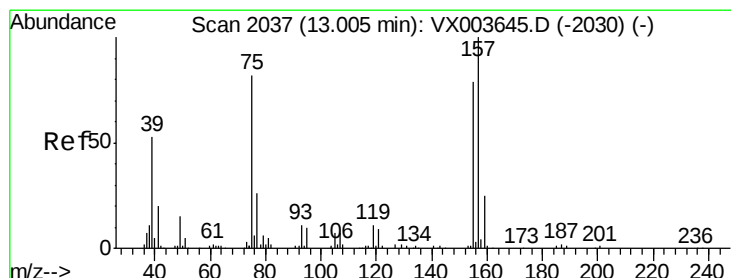
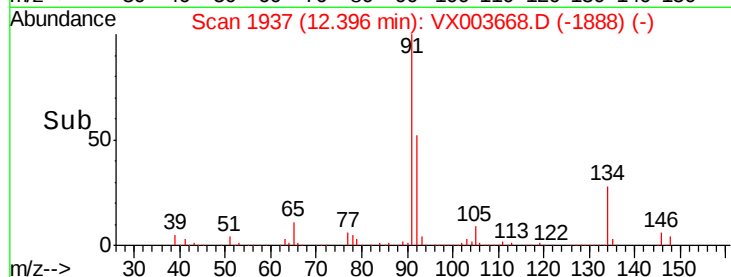
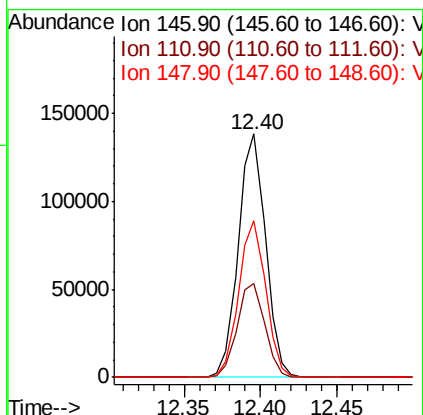
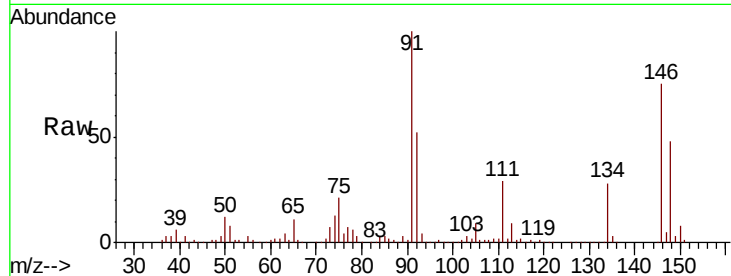




#91
 1,2-Dichlorobenzene
 Concen: 48.158 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

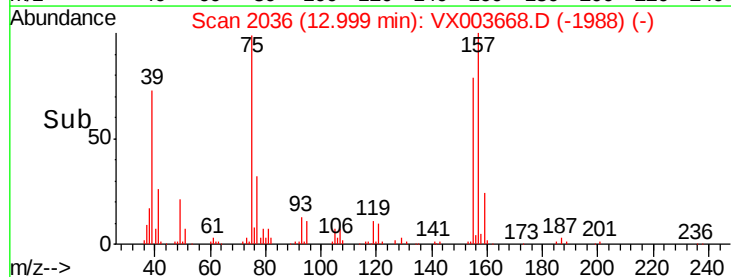
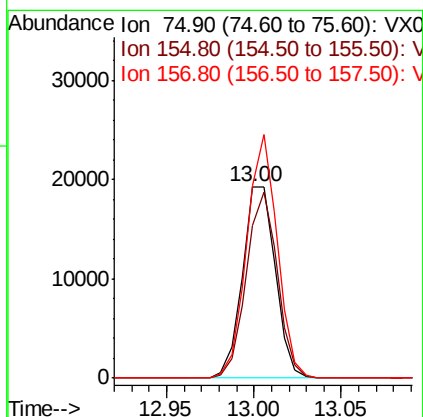
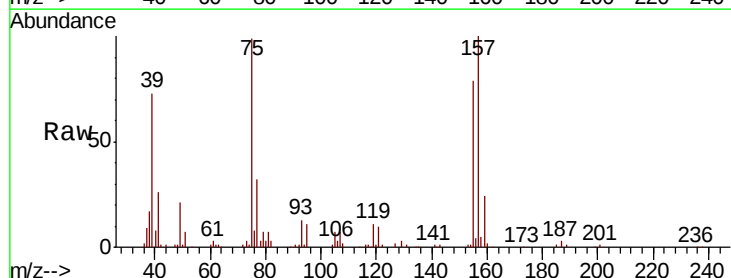
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

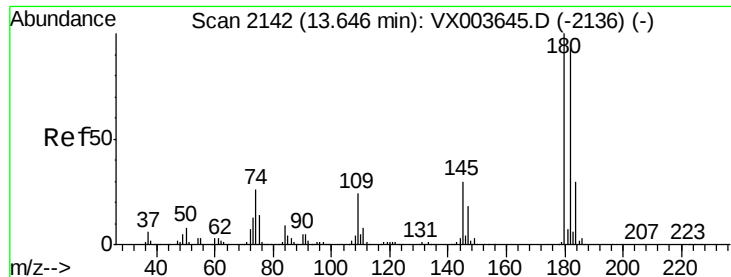
Tgt Ion: 146 Resp: 171060
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.8 59.4
 148 63.9 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.241 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion: 75 Resp: 25488
 Ion Ratio Lower Upper
 75 100
 155 91.2 46.1 138.3
 157 117.0 59.7 179.0

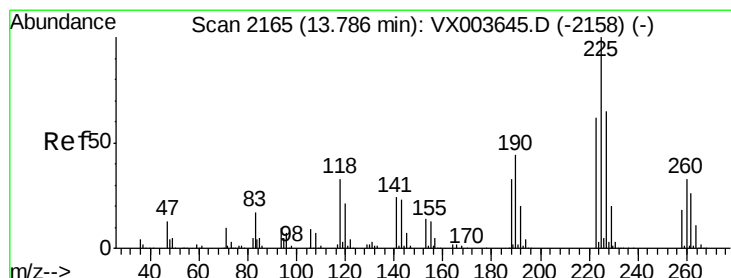
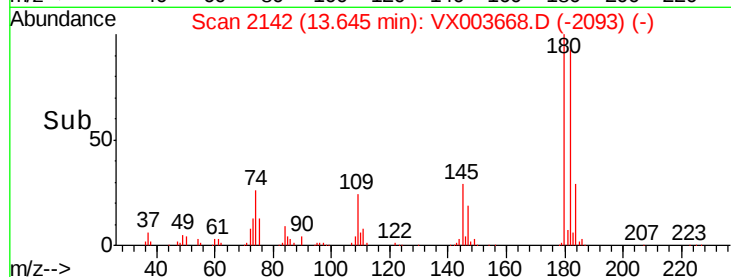
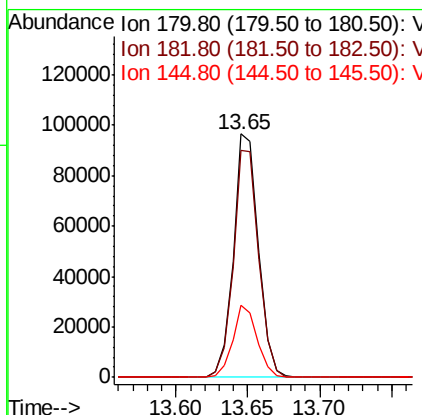
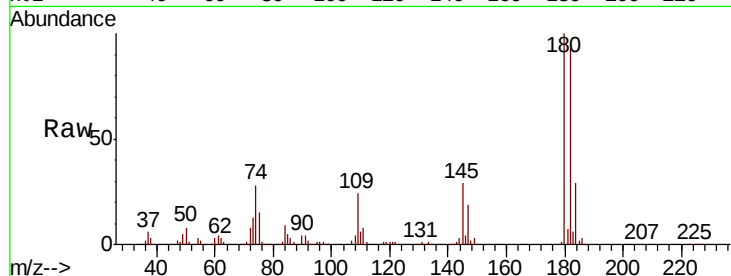




#93
 1,2,4-Trichlorobenzene
 Concen: 46.043 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

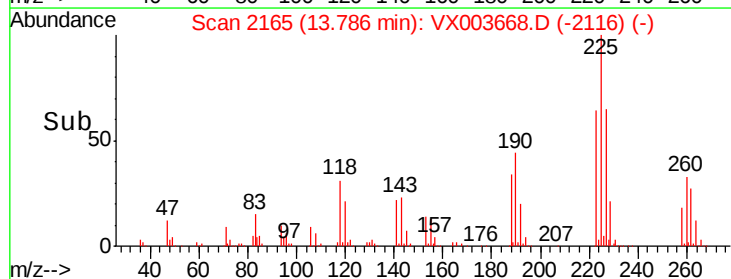
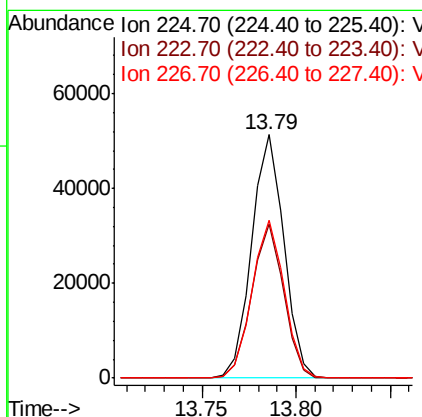
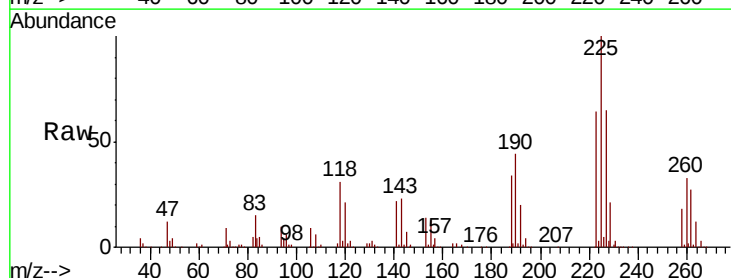
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

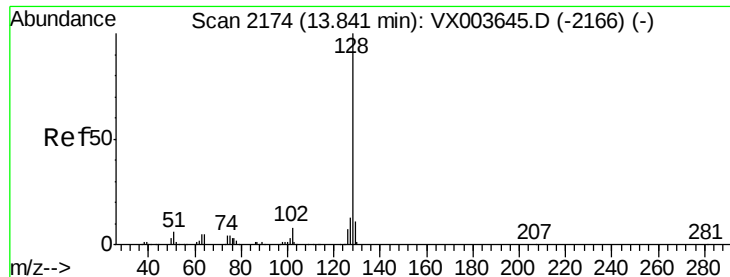
Tgt Ion:180 Resp: 116697
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.8
 145 28.9 14.4 43.2



#94
 Hexachlorobutadiene
 Concen: 52.038 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion:225 Resp: 61021
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.5
 227 64.8 31.9 95.7

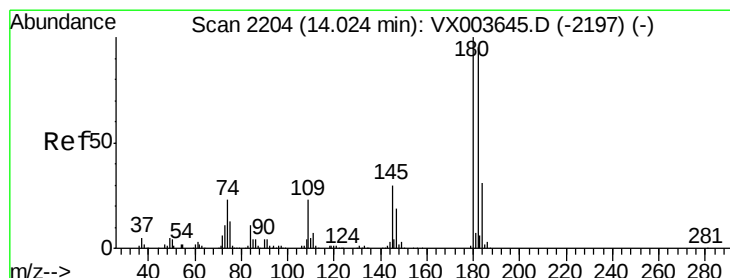
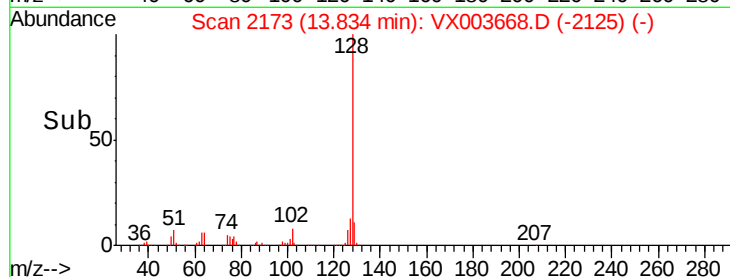
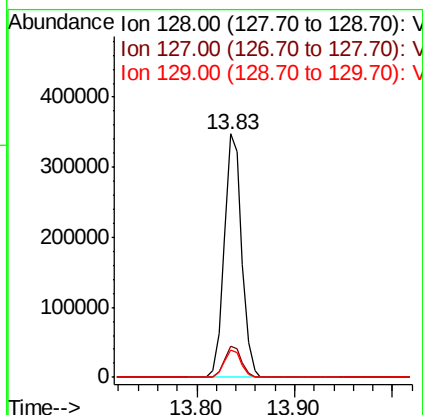
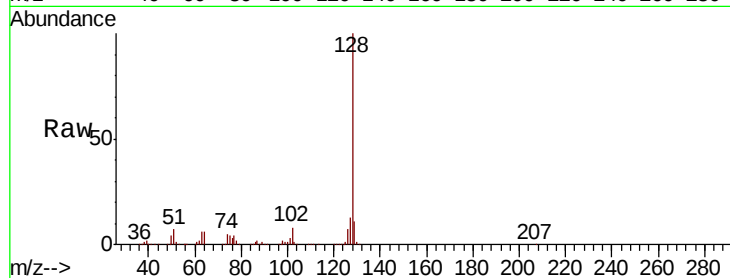




#95
Naphthalene
Concen: 55.436 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 424966
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.685 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion:180 Resp: 117618
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.8
145 29.9 15.0 45.1

