

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003687.D
 Acq On : 26 Jul 2018 23:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 27 06:41:04 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	101823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	150086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89802	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	75737	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	5.51	113	63168	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.72	98	239285	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.14	95	88420	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	52445	45.22	ug/l	99
3) Chloromethane	1.32	50	73762	48.29	ug/l	99
4) Vinyl Chloride	1.40	62	78836	50.46	ug/l	98
5) Bromomethane	1.64	94	43803	58.06	ug/l	96
6) Chloroethane	1.72	64	51972	49.53	ug/l	98
7) Trichlorofluoromethane	1.92	101	103748	51.59	ug/l	96
8) Diethyl Ether	2.19	74	44312	50.28	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62572	50.55	ug/l	98
10) Methyl Iodide	2.51	142	84041	50.35	ug/l	99
11) Tert butyl alcohol	3.09	59	90206	250.20	ug/l	100
12) 1,1-Dichloroethene	2.37	96	58959	50.06	ug/l	93
13) Acrolein	2.30	56	39422	216.78	ug/l	98
14) Allyl chloride	2.73	41	121484	49.48	ug/l	97
15) Acrylonitrile	3.15	53	221896	254.72	ug/l	100
16) Acetone	2.45	43	181792	256.55	ug/l	99
17) Carbon Disulfide	2.57	76	167178	49.35	ug/l	99
18) Methyl Acetate	2.78	43	114701	53.60	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	216339	52.01	ug/l	97
20) Methylene Chloride	2.86	84	70167	49.97	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	64644	51.04	ug/l	98
22) Diisopropyl ether	3.88	45	213516	47.63	ug/l	# 91
23) Vinyl Acetate	3.83	43	948732	247.07	ug/l	99
24) 1,1-Dichloroethane	3.70	63	128084	50.70	ug/l	99
25) 2-Butanone	4.71	43	270783	247.37	ug/l	100
26) 2,2-Dichloropropane	4.59	77	64748	40.53	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	66922	48.67	ug/l	97
28) Bromochloromethane	5.02	49	49375	48.70	ug/l	99
29) Tetrahydrofuran	5.17	42	181082	254.12	ug/l	100
30) Chloroform	5.21	83	119066	51.96	ug/l	90
31) Cyclohexane	5.57	56	101870	50.23	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	98422	51.72	ug/l	97
36) 1,1-Dichloropropene	5.80	75	86738	49.44	ug/l	99
37) Ethyl Acetate	4.87	43	101992	48.35	ug/l	99
38) Carbon Tetrachloride	5.78	117	86328	51.05	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003687.D
 Acq On : 26 Jul 2018 23:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 27 06:41:04 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)
39) Methylcyclohexane	7.46	83	97607	50.55	ug/l	100
40) Benzene	6.15	78	263579	50.77	ug/l	100
41) Methacrylonitrile	5.07	41	57033	48.82	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93005	50.90	ug/l	100
43) Isopropyl Acetate	6.47	43	157279	51.11	ug/l	100
44) Trichloroethene	7.21	130	67337	48.38	ug/l	96
45) 1,2-Dichloropropane	7.52	63	69831	52.04	ug/l	99
46) Dibromomethane	7.67	93	44983	52.18	ug/l	98
47) Bromodichloromethane	7.90	83	85385	52.83	ug/l	100
48) Methyl methacrylate	7.78	41	82789	53.01	ug/l	98
49) 1,4-Dioxane	7.76	88	35269	1012.31	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	541154	260.62	ug/l	99
52) Toluene	8.79	92	164928	51.11	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	92449	51.66	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	100477	51.02	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	68110	51.63	ug/l	99
56) Ethyl methacrylate	9.18	69	104828	53.40	ug/l	99
57) 1,3-Dichloropropane	9.38	76	113826	51.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	267463	271.14	ug/l	100
59) 2-Hexanone	9.50	43	417328	262.01	ug/l	100
60) Dibromochloromethane	9.59	129	67658	54.08	ug/l	100
61) 1,2-Dibromoethane	9.68	107	70462	51.30	ug/l	99
64) Tetrachloroethene	9.34	164	63635	47.86	ug/l	97
65) Chlorobenzene	10.14	112	182825	49.95	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	65231	51.27	ug/l	99
67) Ethyl Benzene	10.26	91	315690	51.53	ug/l	100
68) m/p-Xylenes	10.36	106	246847	105.03	ug/l	100
69) o-Xylene	10.70	106	117056	51.73	ug/l	98
70) Styrene	10.71	104	202337	53.24	ug/l	99
71) Bromoform	10.86	173	52786	52.46	ug/l	# 99
73) Isopropylbenzene	11.02	105	320080	52.17	ug/l	99
74) N-amyl acetate	6.47	43	157279	49.15	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	111023	49.00	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	125010	66.37	ug/l	82
77) Bromobenzene	11.26	156	82558	49.54	ug/l	98
78) n-propylbenzene	11.36	91	376742	53.18	ug/l	99
79) 2-Chlorotoluene	11.43	91	220875	51.29	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	275822	53.14	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	30019	49.38	ug/l	97
82) 4-Chlorotoluene	11.51	91	262115	51.68	ug/l	100
83) tert-Butylbenzene	11.77	119	266405	52.45	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	283636	53.16	ug/l	100
85) sec-Butylbenzene	11.95	105	318842	52.59	ug/l	100
86) p-Isopropyltoluene	12.07	119	287588	52.85	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	156028	50.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	156542	48.52	ug/l	99
89) n-Butylbenzene	12.39	91	253954	51.78	ug/l	99
90) Hexachloroethane	12.60	117	45648	55.39	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	157866	49.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	24788	52.56	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003687.D
Acq On : 26 Jul 2018 23:19
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jul 27 06:41:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

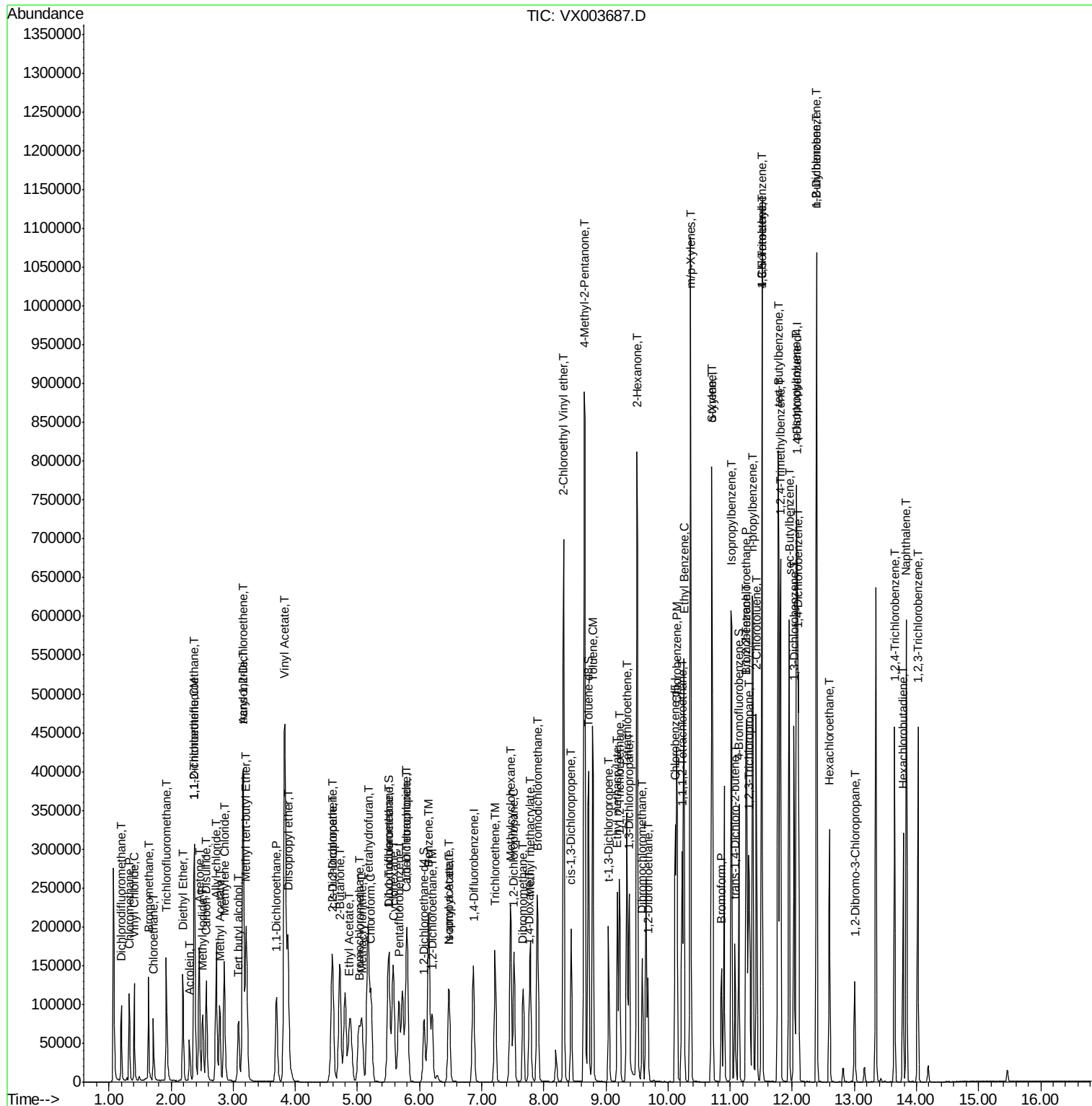
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112683	49.80	ug/l	100
94) Hexachlorobutadiene	13.79	225	49408	47.20	ug/l	99
95) Naphthalene	13.83	128	359501	52.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116936	50.88	ug/l	99

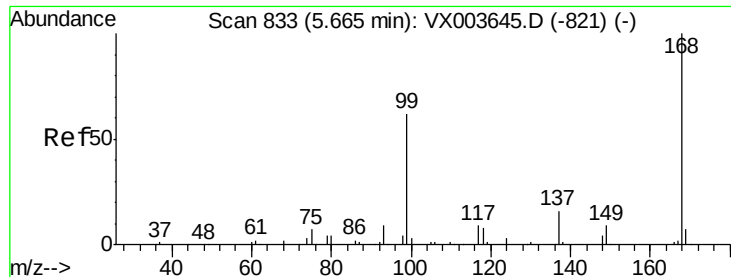
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003687.D
Acq On : 26 Jul 2018 23:19
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050

Quant Time: Jul 27 06:41:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

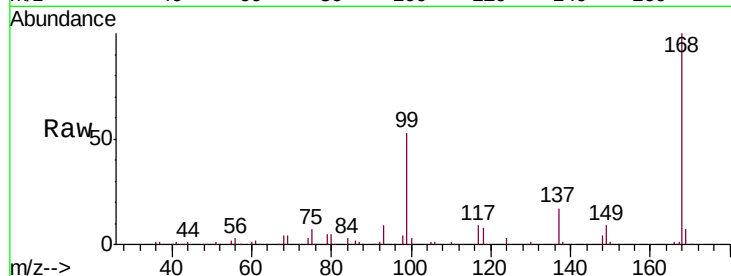
VSTDCCC050

Tot Ion:168 Resp: 101823

Ion Ratio Lower Upper

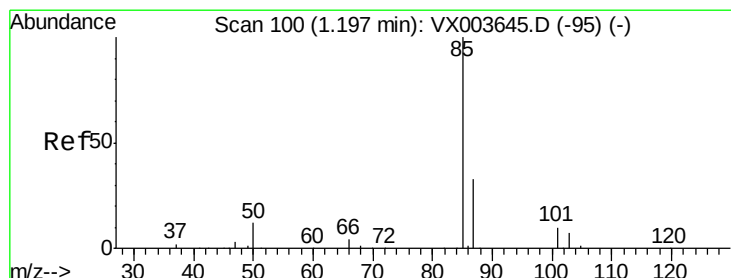
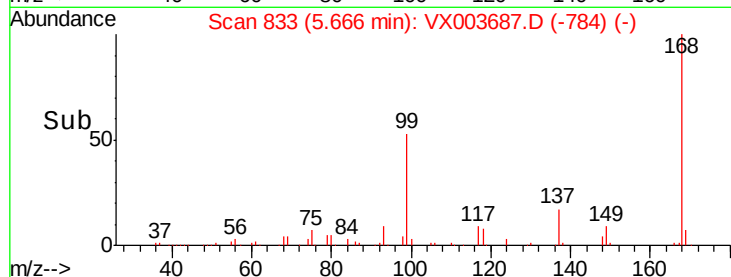
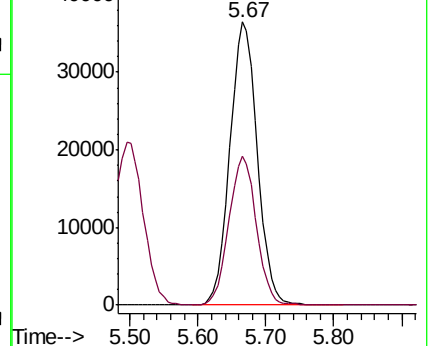
168 100

99 52.8 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: 45.22 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003687.D

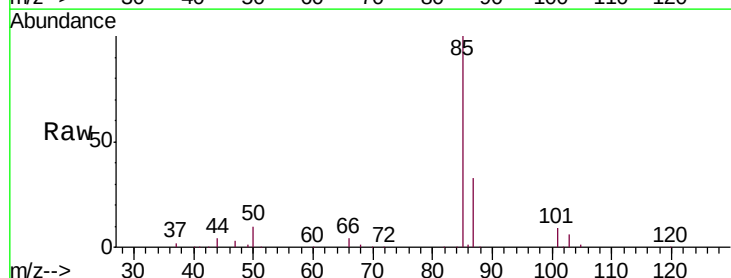
Acq: 26 Jul 2018 23:19

Tgt Ion: 85 Resp: 52445

Ion Ratio Lower Upper

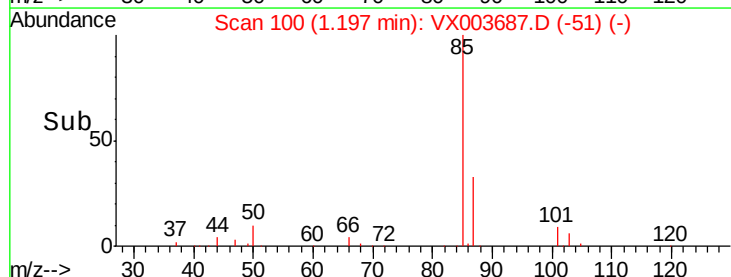
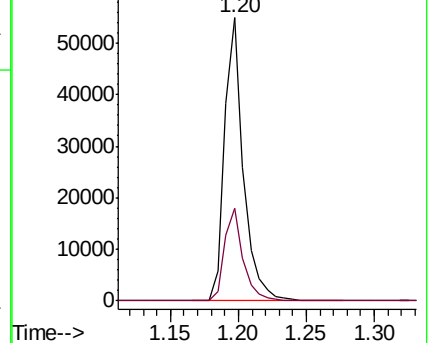
85 100

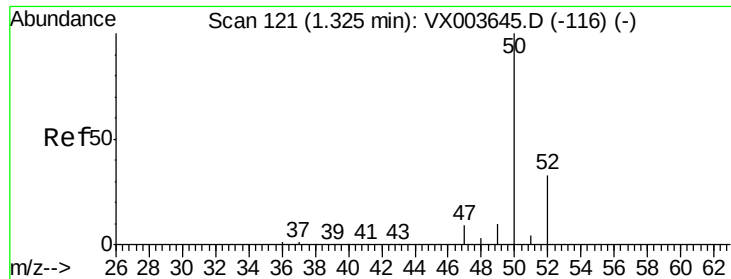
87 32.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

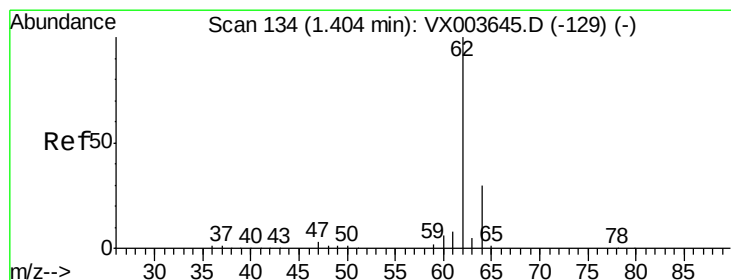
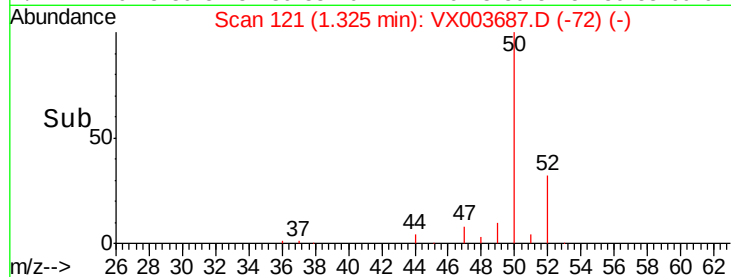
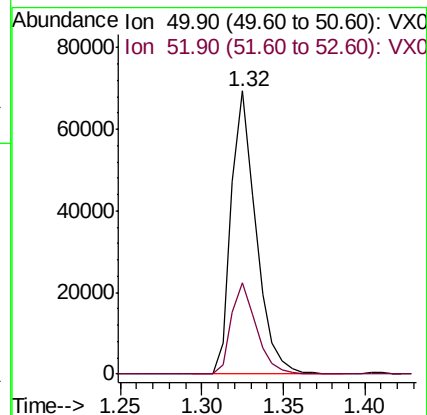
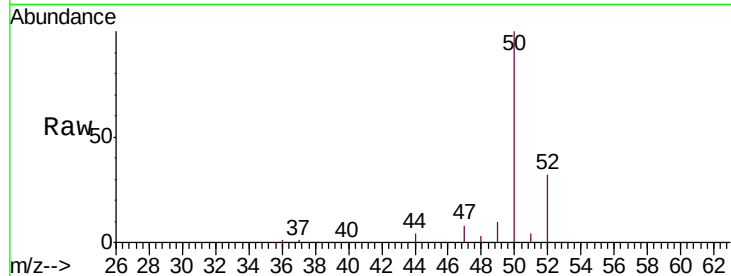
VSTDCCC050

Tot Ion: 50 Resp: 73762

Ion Ratio Lower Upper

50 100

52 32.3 26.3 39.5



#4

Vinyl Chloride

Concen: 50.46 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003687.D

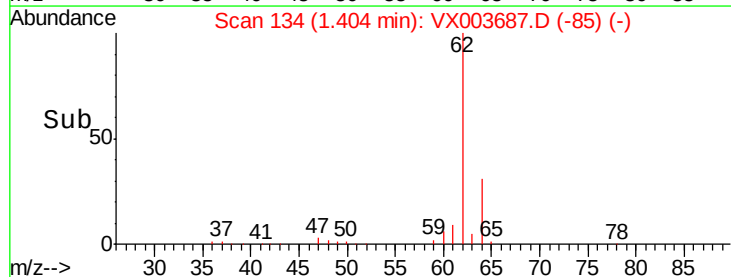
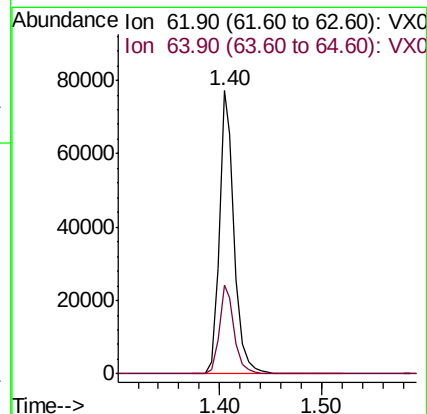
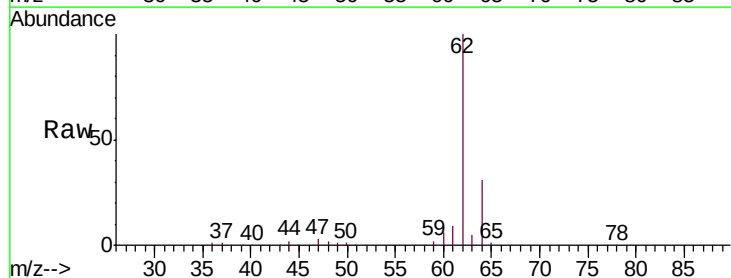
Acq: 26 Jul 2018 23:19

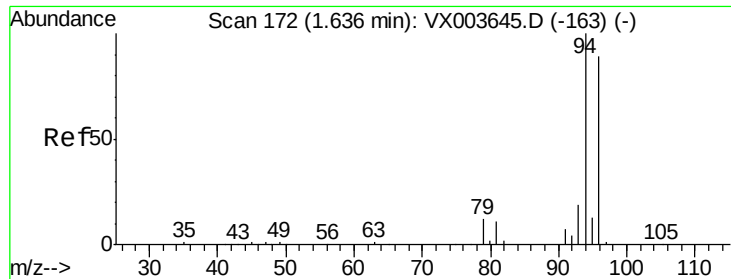
Tgt Ion: 62 Resp: 78836

Ion Ratio Lower Upper

62 100

64 31.4 24.4 36.6





#5

Bromomethane

Concen: 58.06 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

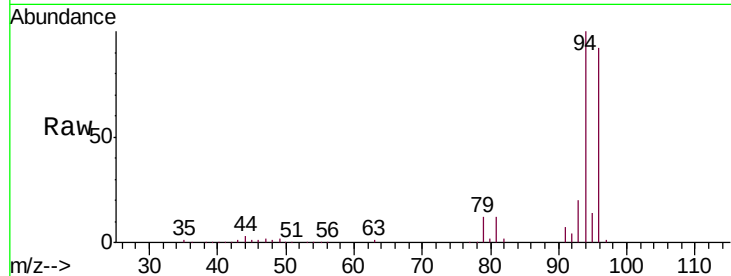
VSTDCCC050

Tot Ion: 94 Resp: 43803

Ion Ratio Lower Upper

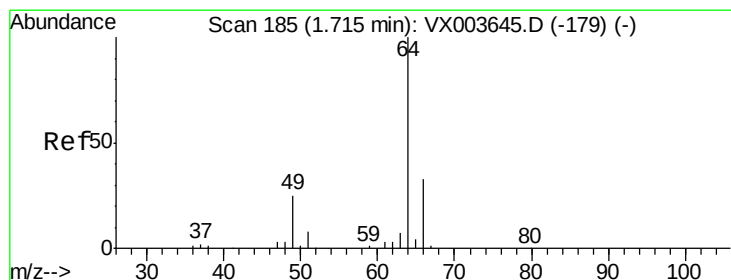
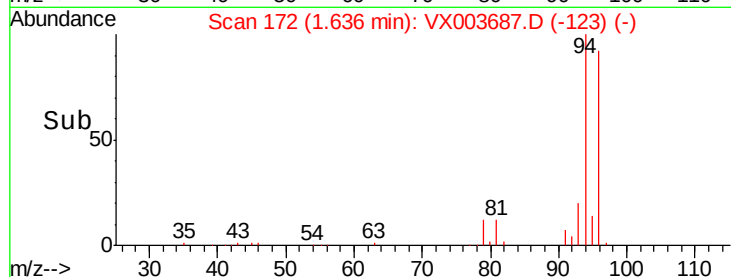
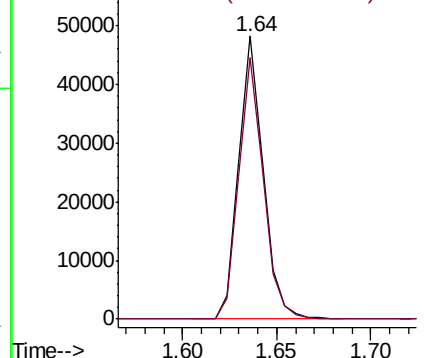
94 100

96 92.4 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: 49.53 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003687.D

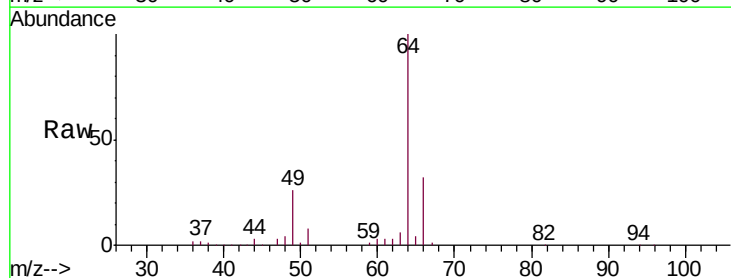
Acq: 26 Jul 2018 23:19

Tgt Ion: 64 Resp: 51972

Ion Ratio Lower Upper

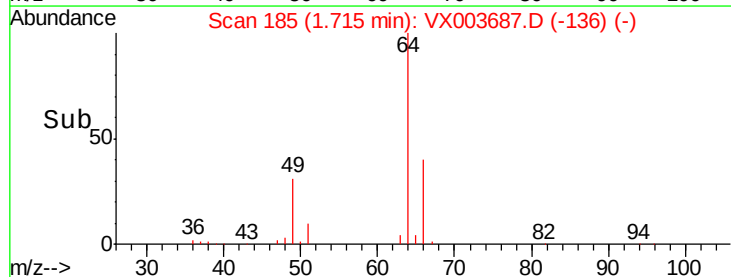
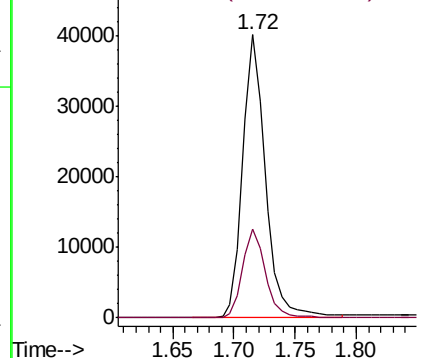
64 100

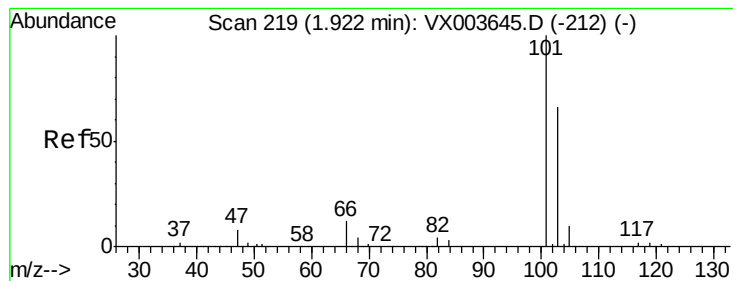
66 31.6 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



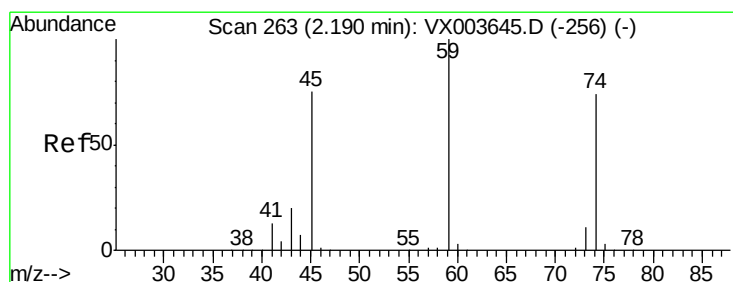
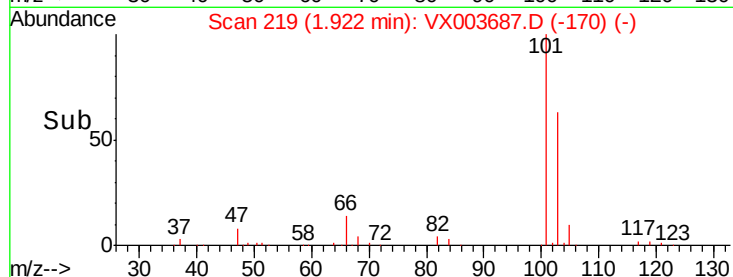
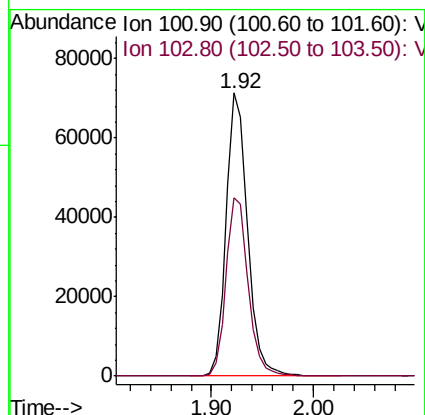
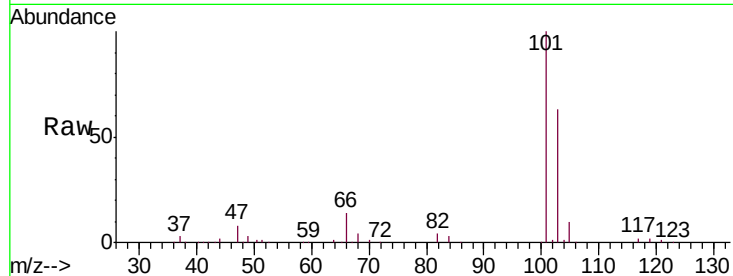


#7

Trichlorofluoromethane
 Concen: 51.59 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

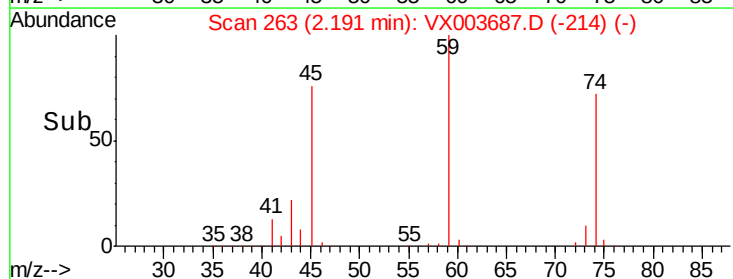
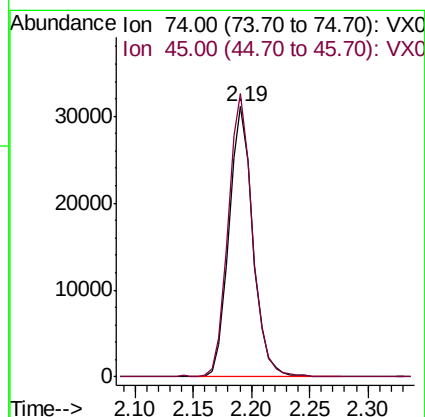
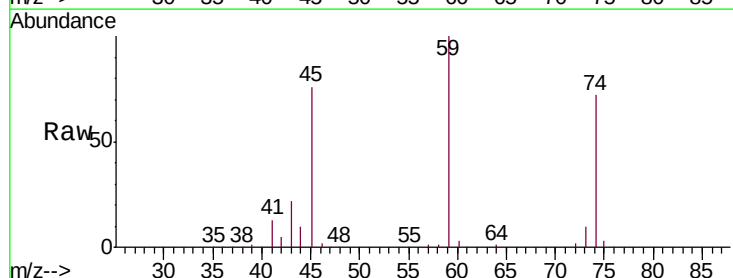
Tot Ion:101 Resp: 103748
 Ion Ratio Lower Upper
 101 100
 103 63.2 53.2 79.8

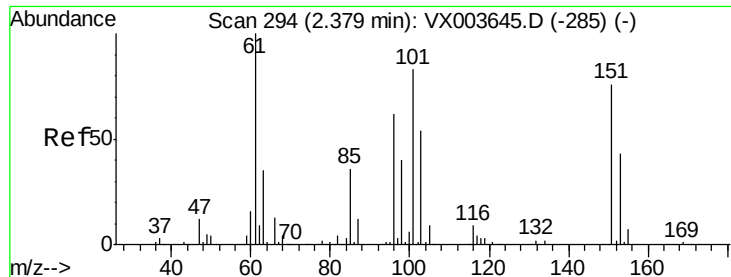


#8

Diethyl Ether
 Concen: 50.28 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion: 74 Resp: 44312
 Ion Ratio Lower Upper
 74 100
 45 105.2 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.55 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

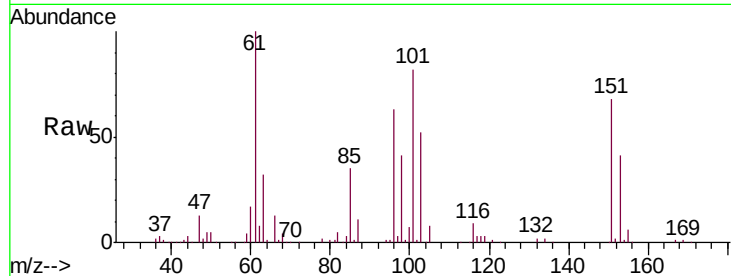
Tot Ion:101 Resp: 62572

Ion Ratio Lower Upper

101 100

85 44.3 34.6 52.0

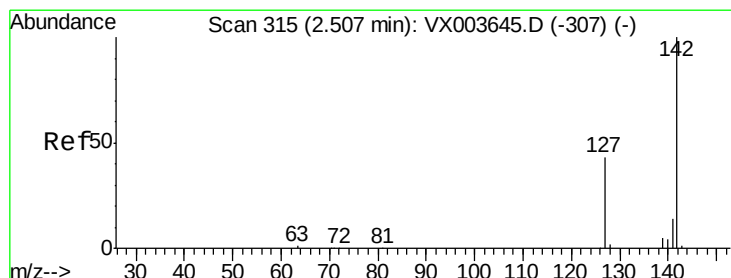
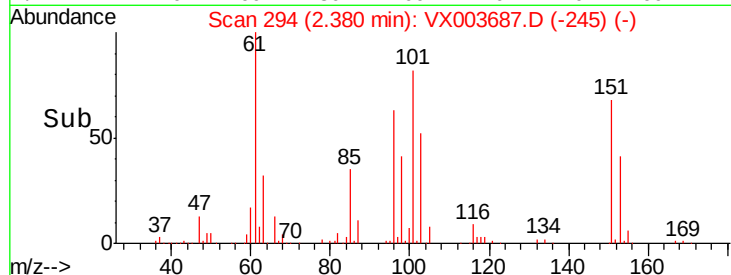
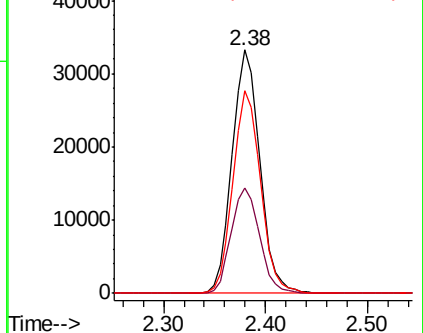
151 82.9 67.5 101.3



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: 50.35 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

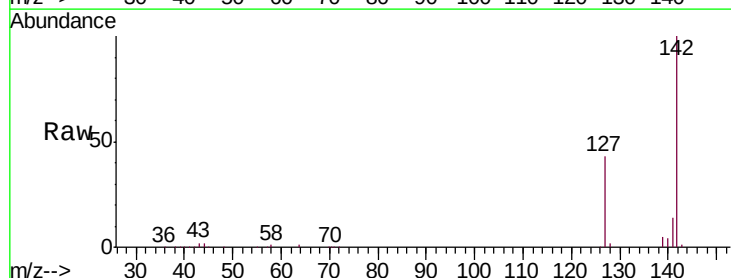
Tgt Ion:142 Resp: 84041

Ion Ratio Lower Upper

142 100

127 43.0 34.0 51.0

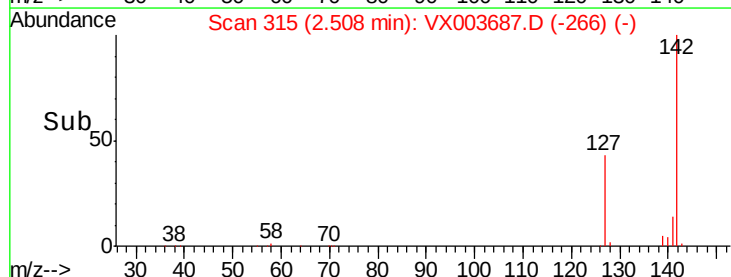
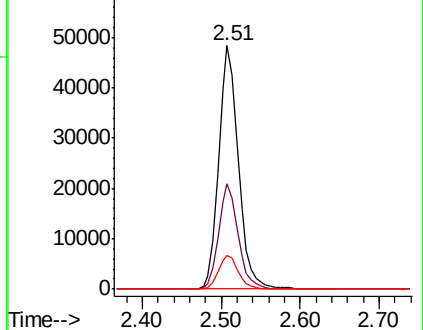
141 14.0 11.3 16.9

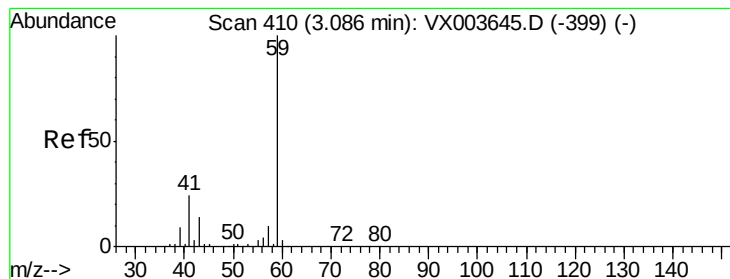


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



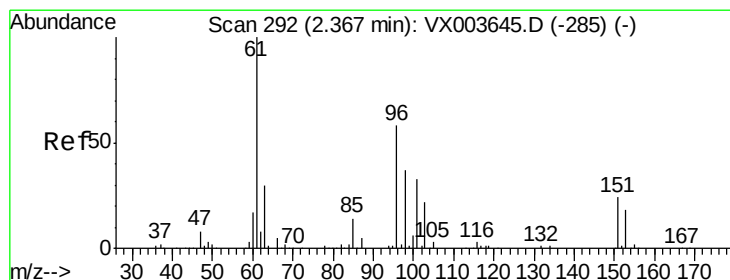
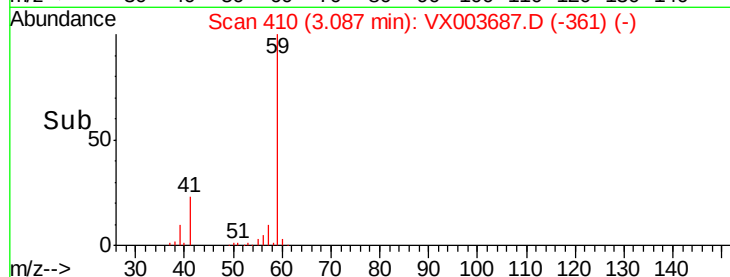
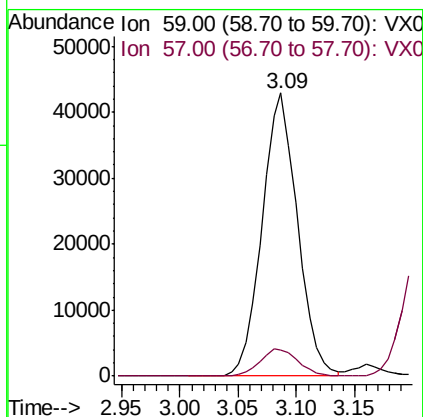
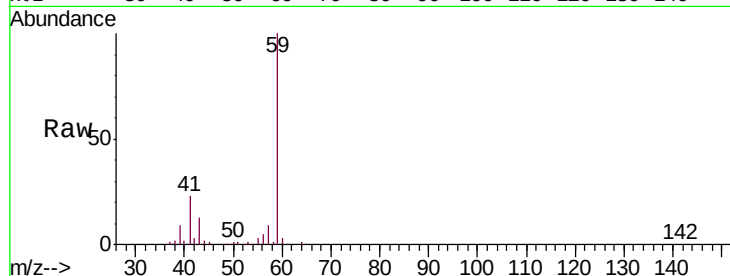


#11

Tert butyl alcohol
 Concen: 250.20 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

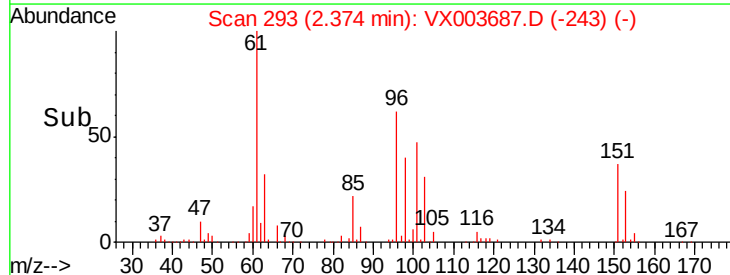
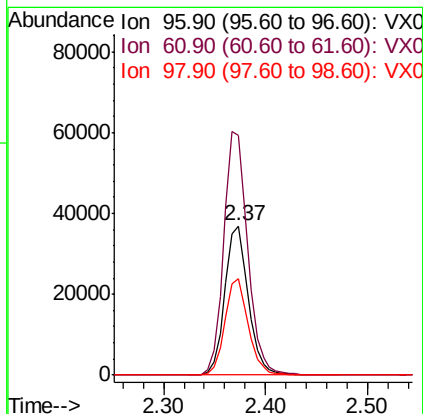
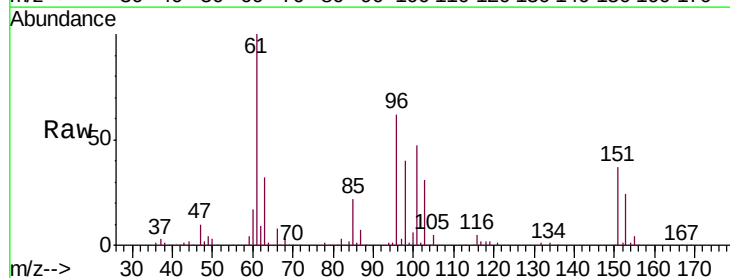
Tot Ion: 59 Resp: 90206
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

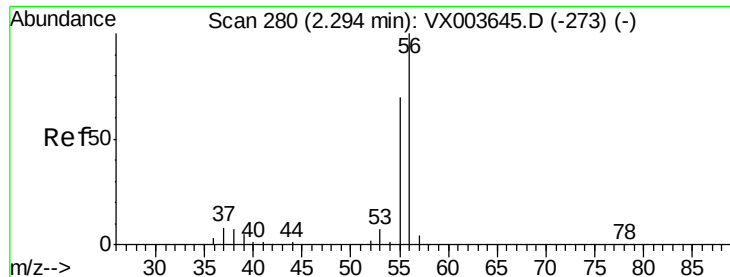


#12

1,1-Dichloroethene
 Concen: 50.06 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion: 96 Resp: 58959
 Ion Ratio Lower Upper
 96 100
 61 160.1 138.8 208.2
 98 64.6 51.4 77.2





#13

Acrolein

Concen: 216.78 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

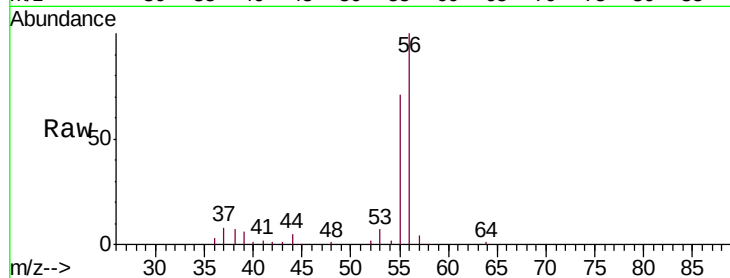
VSTDCCC050

Tot Ion: 56 Resp: 39422

Ion Ratio Lower Upper

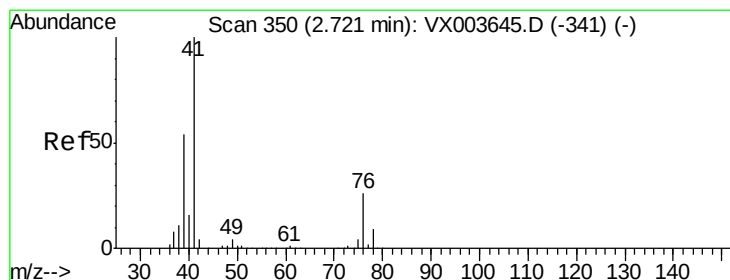
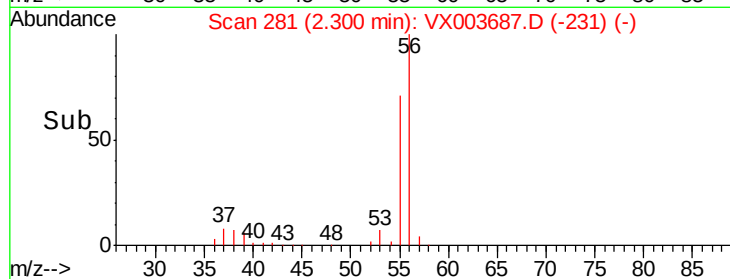
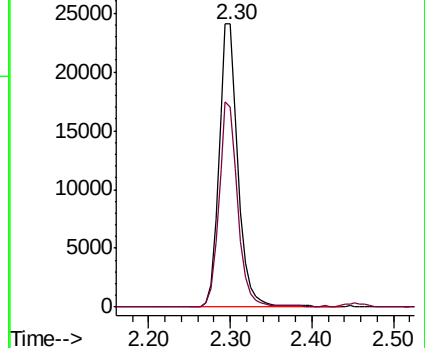
56 100

55 71.3 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.48 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

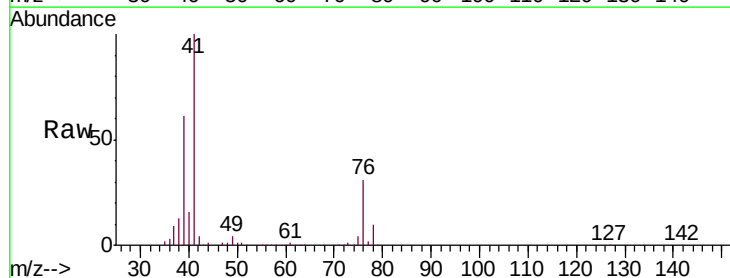
Tgt Ion: 41 Resp: 121484

Ion Ratio Lower Upper

41 100

39 59.6 45.3 67.9

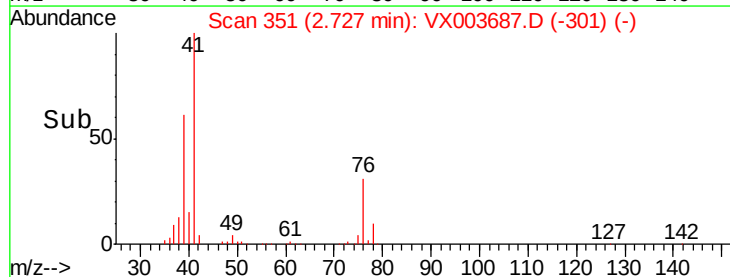
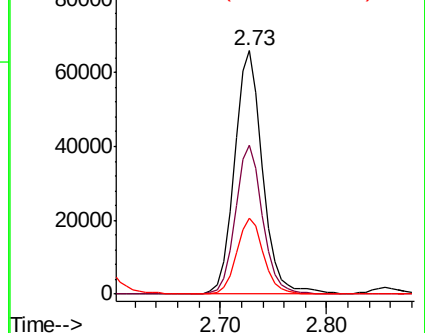
76 30.1 23.8 35.6

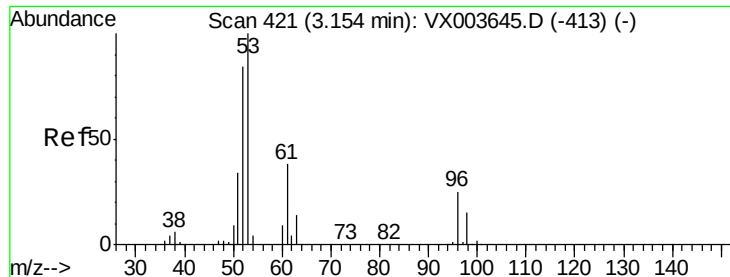


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 254.72 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

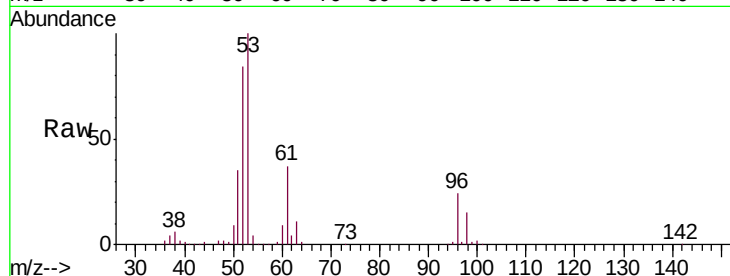
Tot Ion: 53 Resp: 221896

Ion Ratio Lower Upper

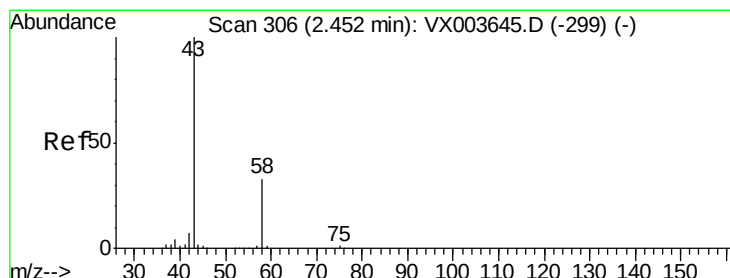
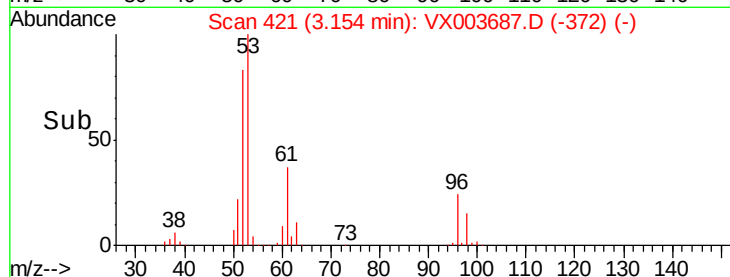
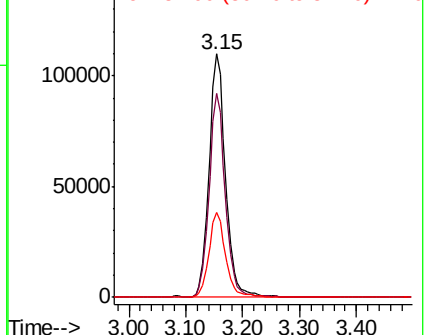
53 100

52 82.3 66.1 99.1

51 35.8 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: 256.55 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003687.D

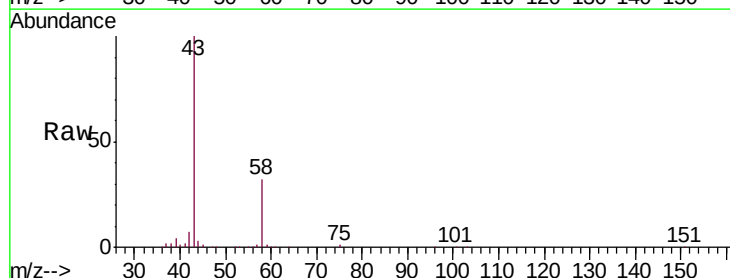
Acq: 26 Jul 2018 23:19

Tgt Ion: 43 Resp: 181792

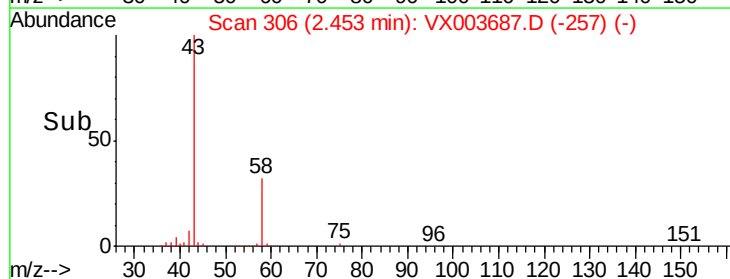
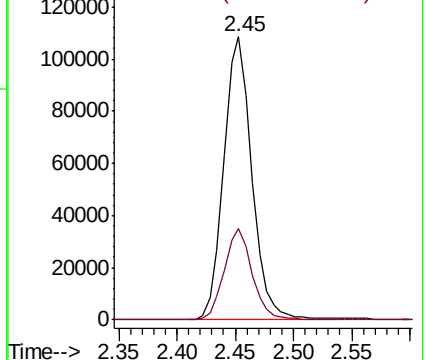
Ion Ratio Lower Upper

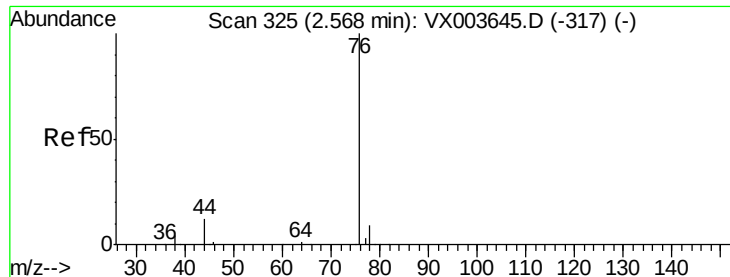
43 100

58 32.3 26.1 39.1



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

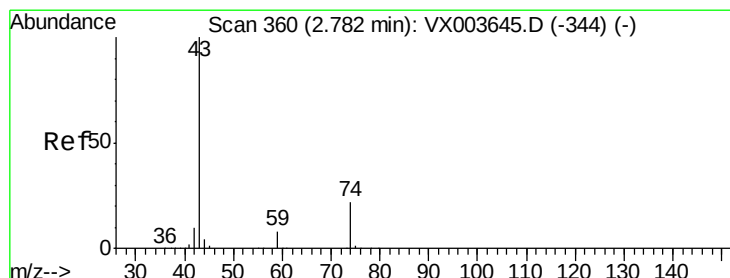
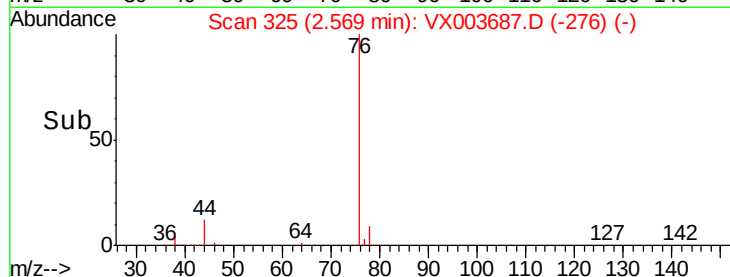
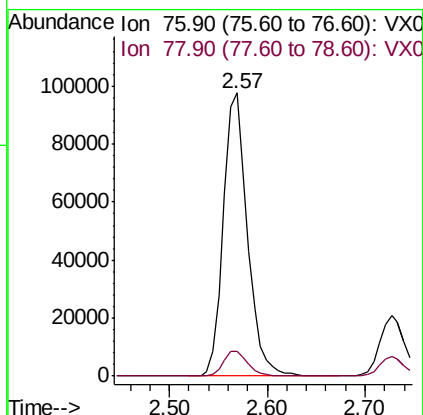
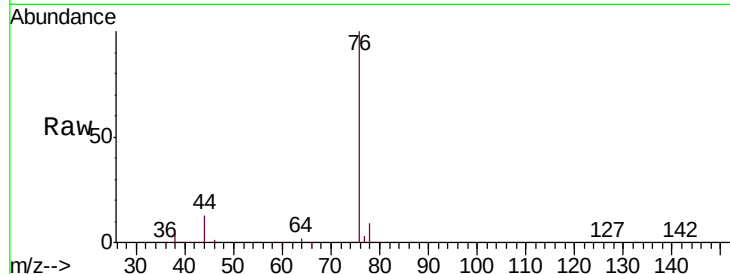




#17
Carbon Disulfide
Concen: 49.35 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

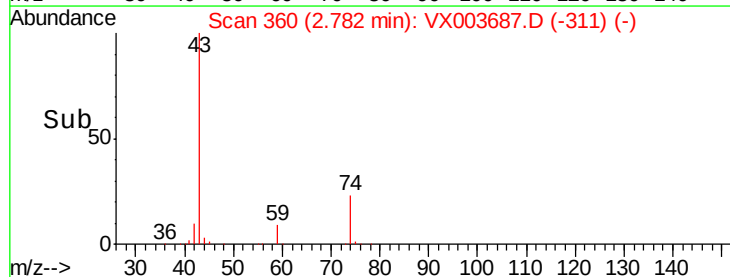
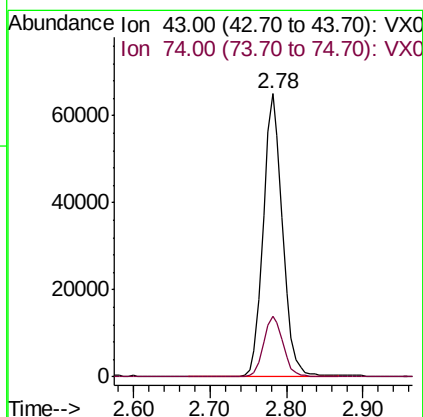
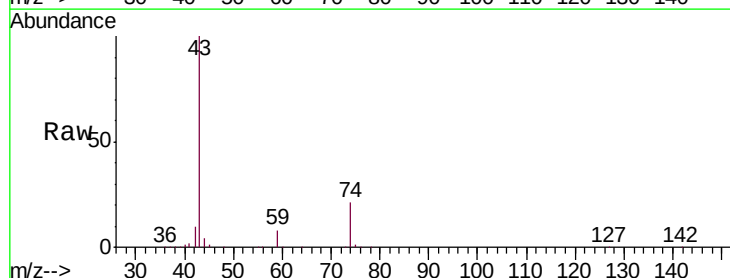
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

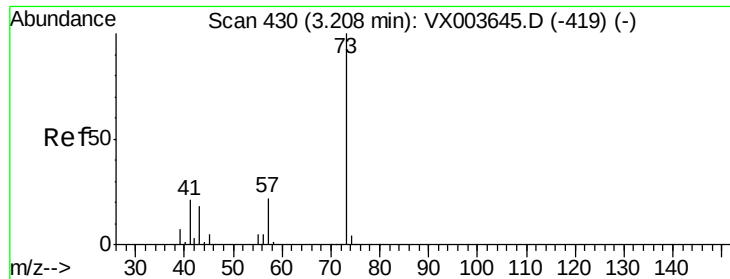
Tot Ion: 76 Resp: 167178
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 53.60 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 43 Resp: 114701
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8

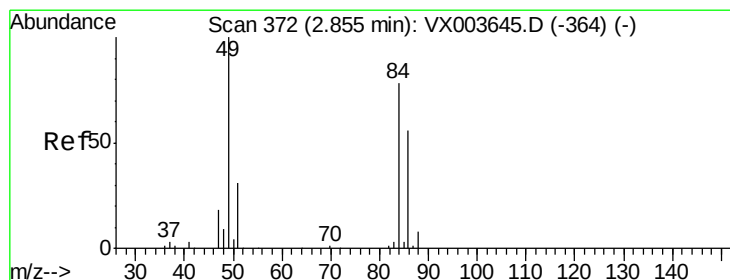
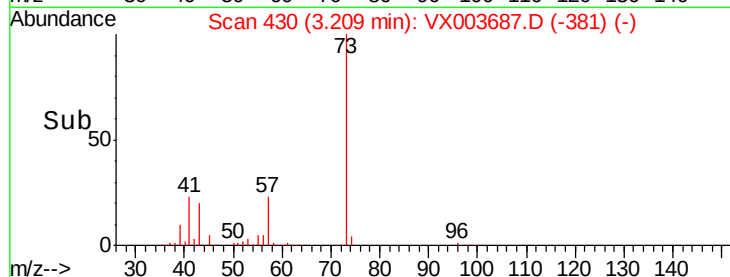
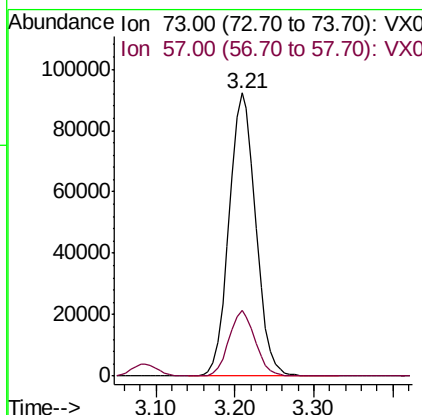
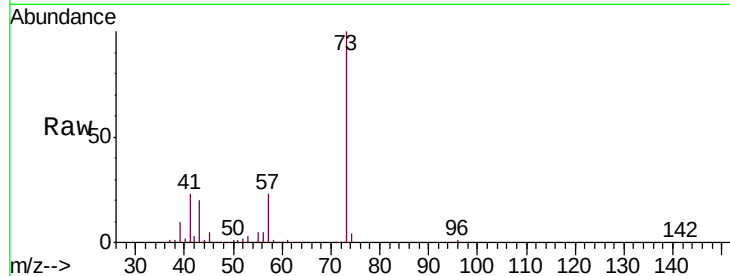




#19
Methyl tert-butyl Ether
Concen: 52.01 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

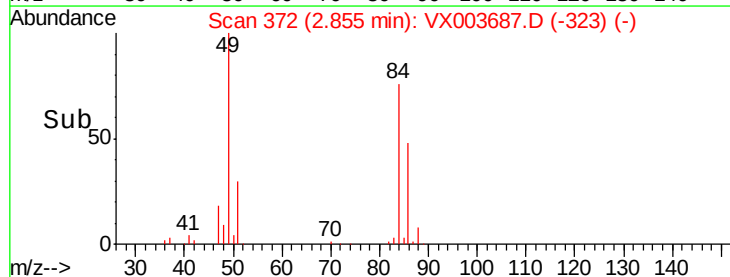
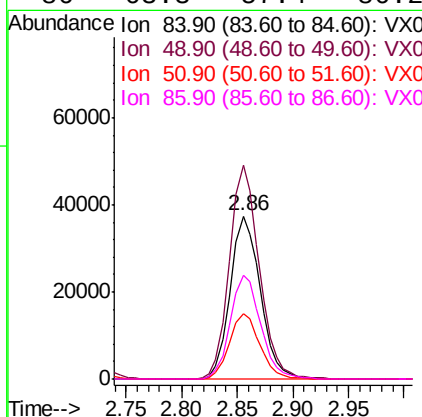
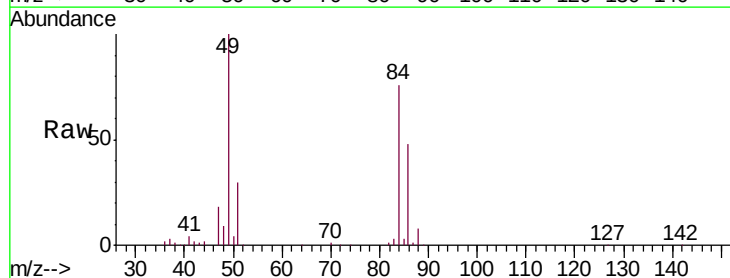
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

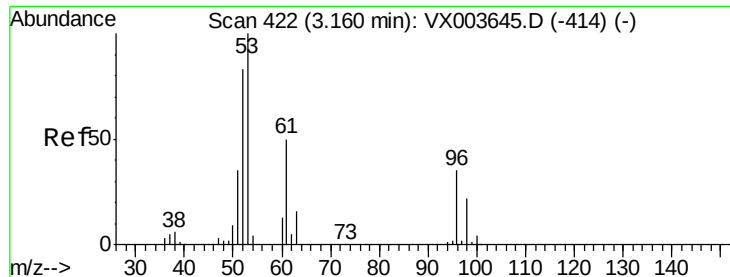
Tot Ion: 73 Resp: 216339
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.2



#20
Methylene Chloride
Concen: 49.97 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 84 Resp: 70167
Ion Ratio Lower Upper
84 100
49 131.1 102.3 153.5
51 39.8 31.8 47.8
86 63.3 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 51.04 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

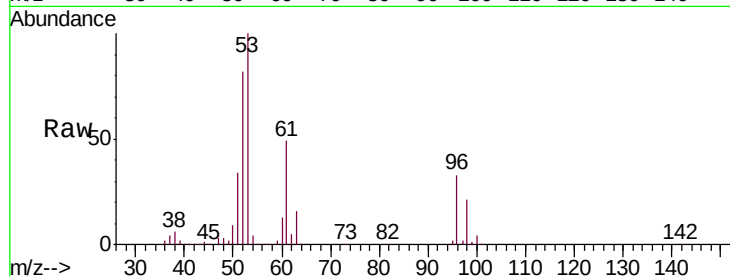
Tot Ion: 96 Resp: 64644

Ion Ratio Lower Upper

96 100

61 146.3 115.0 172.4

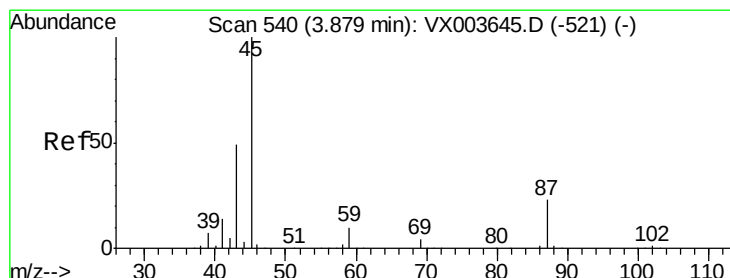
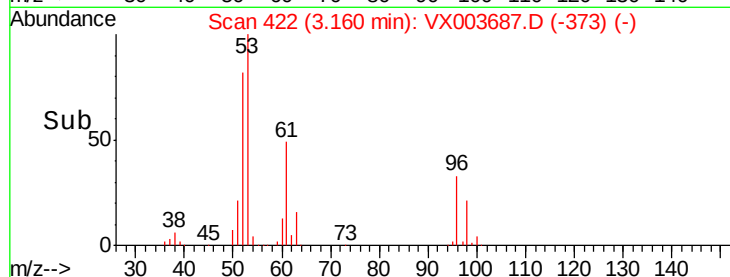
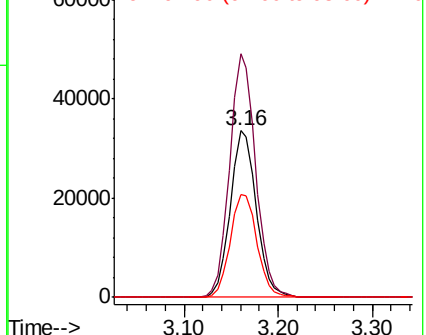
98 62.1 49.7 74.5



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: 47.63 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Tgt Ion: 45 Resp: 213516

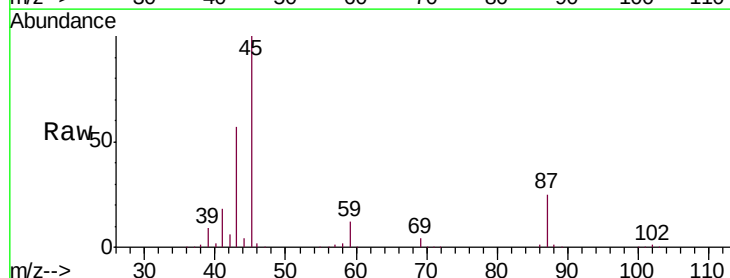
Ion Ratio Lower Upper

45 100

43 56.7 39.0 58.4

87 25.4 18.4 27.6

59 11.9 7.8 11.8#

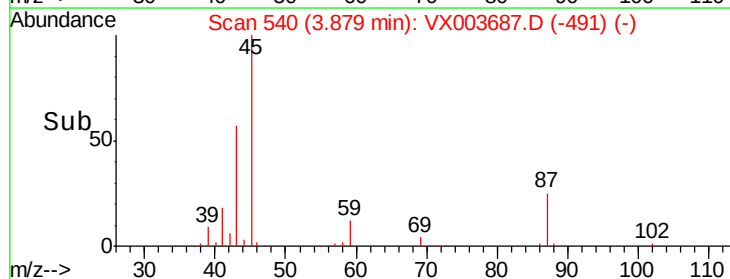
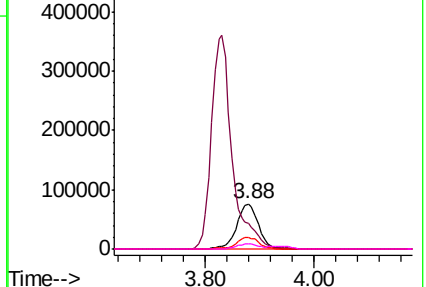


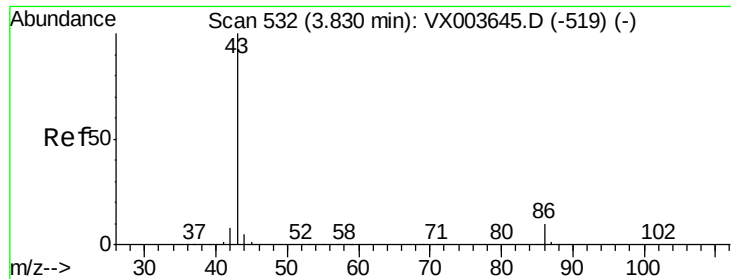
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 247.07 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

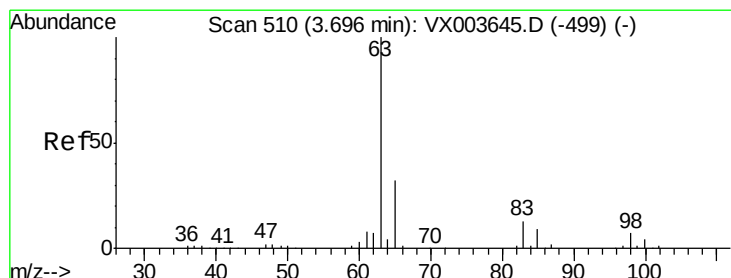
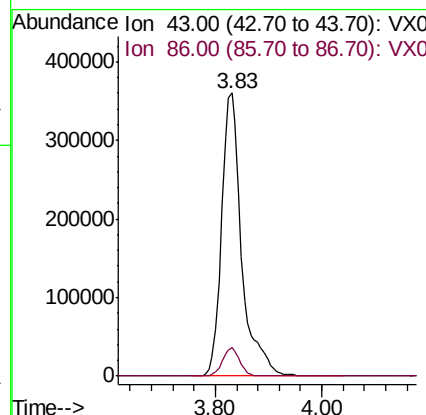
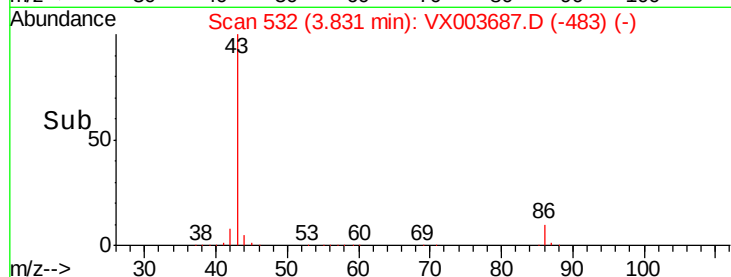
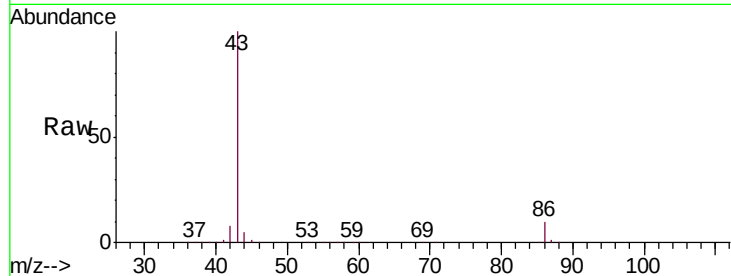
VSTDCCC050

Tot Ion: 43 Resp: 948732

Ion Ratio Lower Upper

43 100

86 9.9 7.7 11.5



#24

1,1-Dichloroethane

Concen: 50.70 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

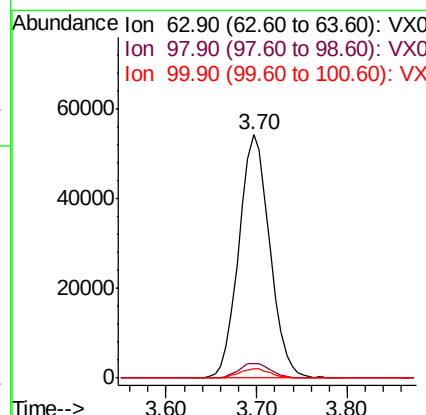
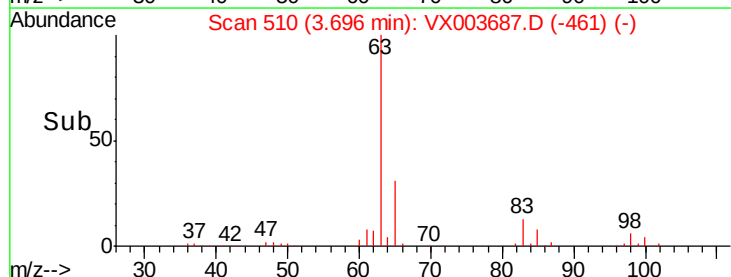
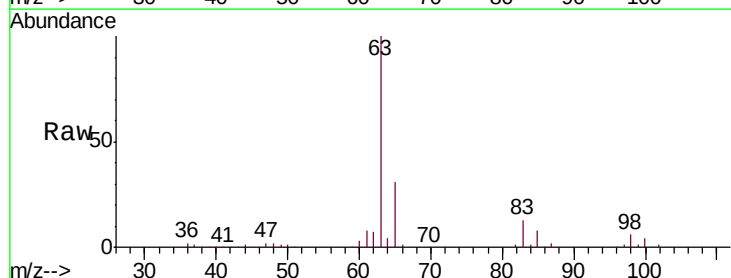
Tgt Ion: 63 Resp: 128084

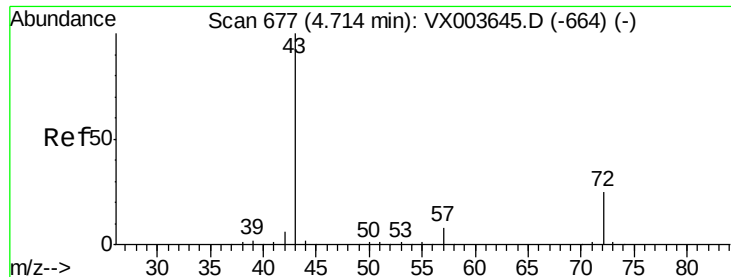
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

100 3.8 2.1 6.3





#25

2-Butanone

Concen: 247.37 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

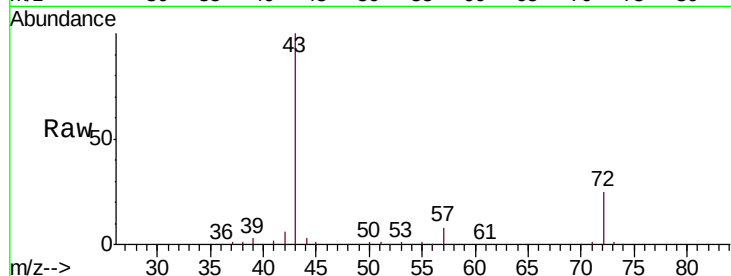
VSTDCCC050

Tot Ion: 43 Resp: 270783

Ion Ratio Lower Upper

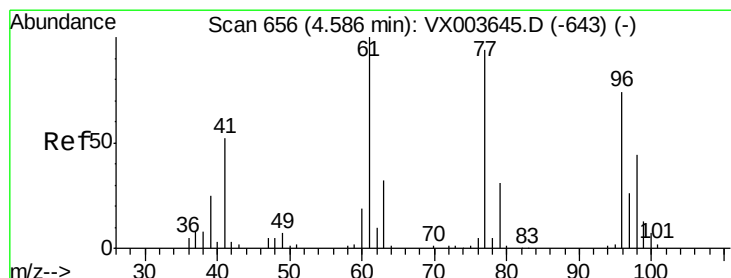
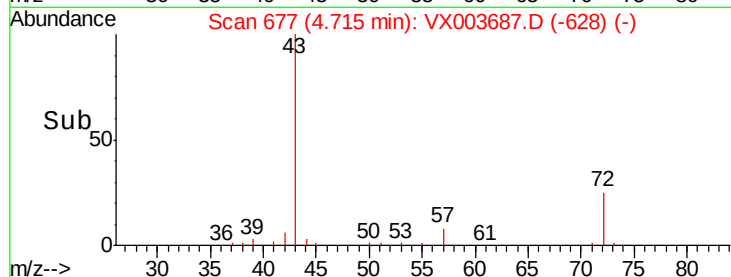
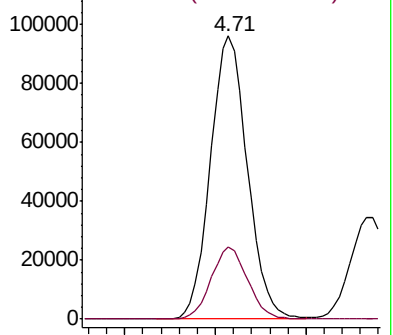
43 100

72 25.5 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.53 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003687.D

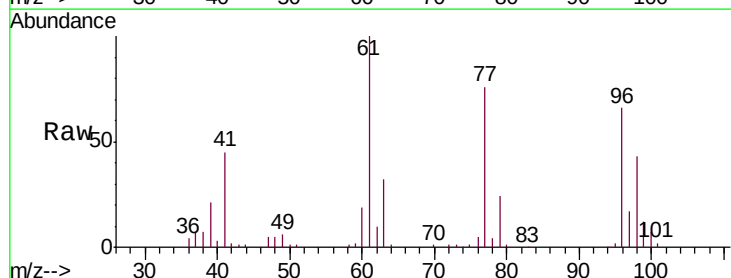
Acq: 26 Jul 2018 23:19

Tgt Ion: 77 Resp: 64748

Ion Ratio Lower Upper

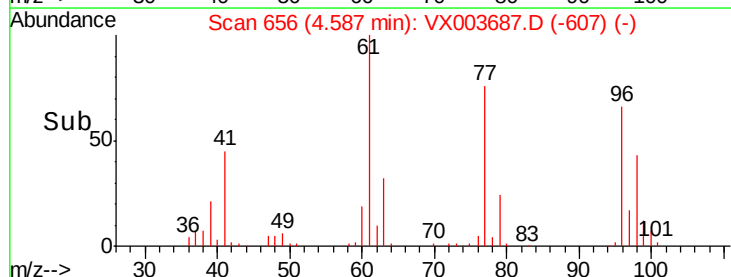
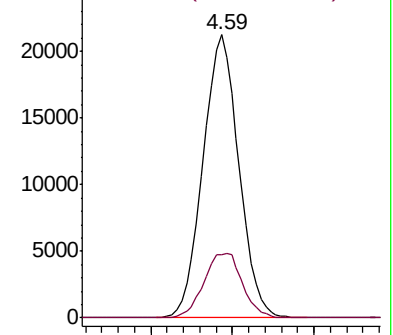
77 100

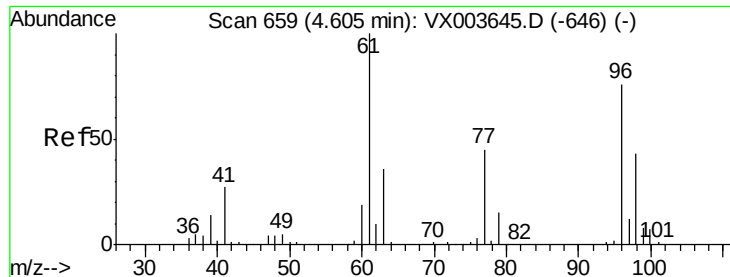
97 24.5 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 48.67 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

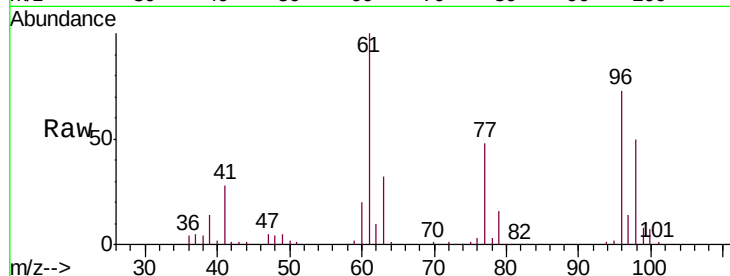
Tot Ion: 96 Resp: 66922

Ion Ratio Lower Upper

96 100

61 153.2 0.0 313.6

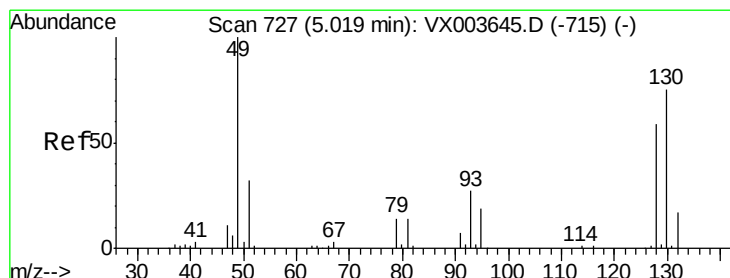
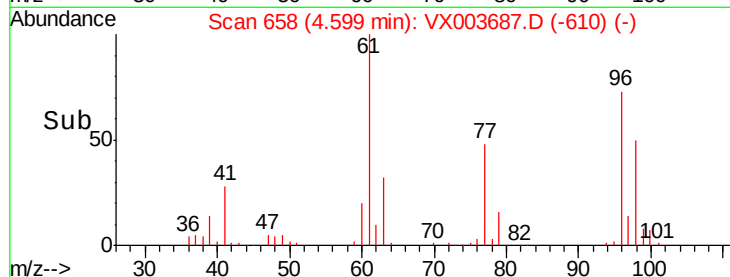
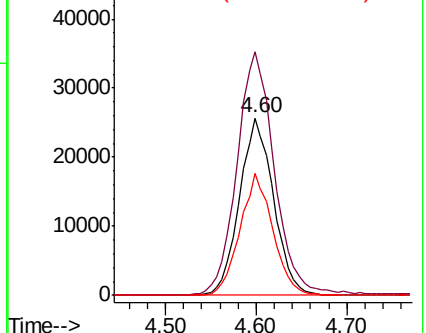
98 66.4 0.0 125.6



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: 48.70 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

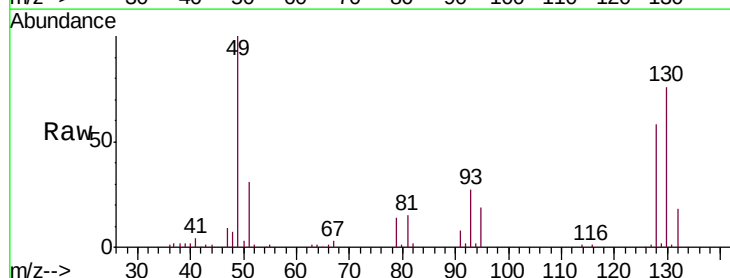
Tgt Ion: 49 Resp: 49375

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.2

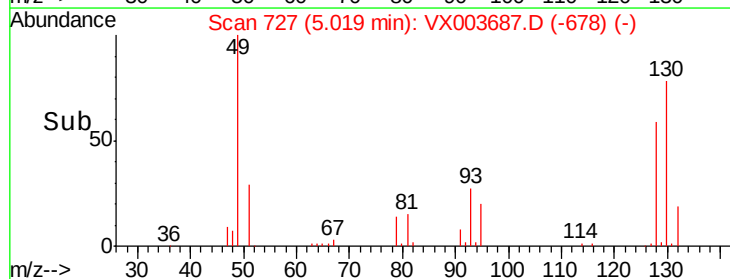
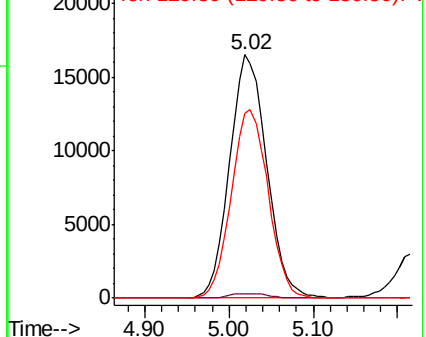
130 76.9 61.0 91.6

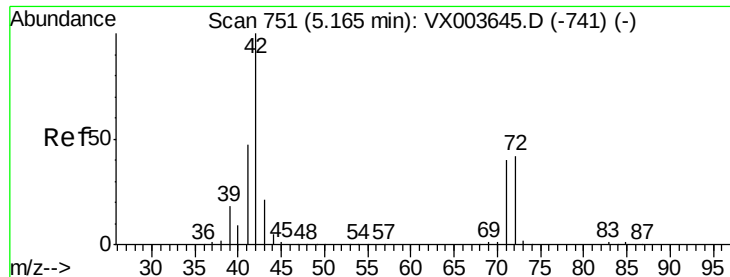


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

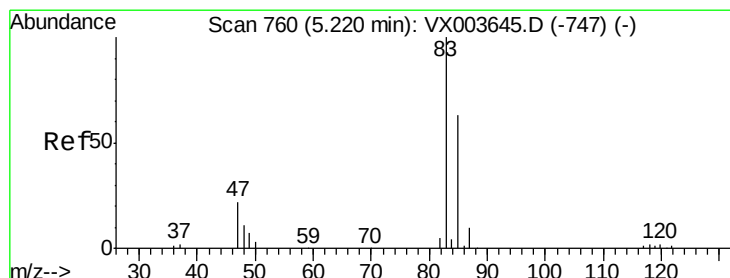
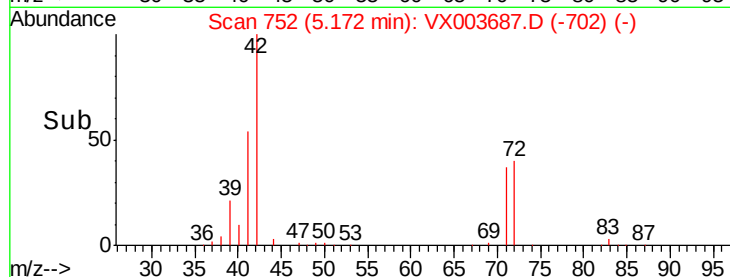
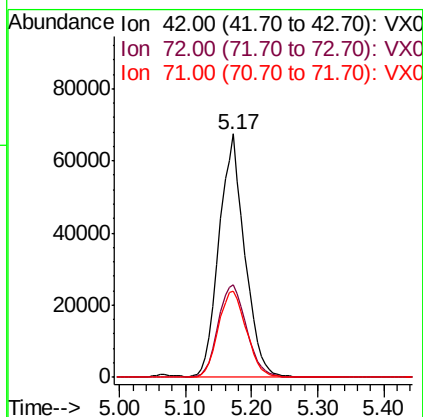
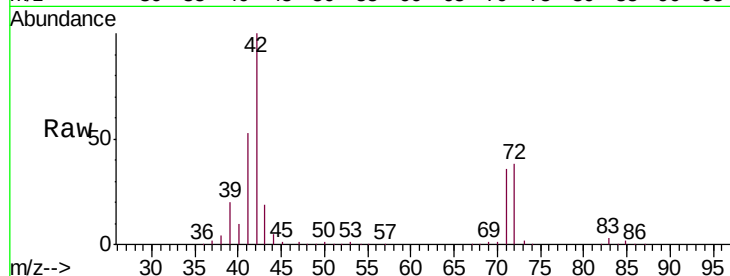




#29
Tetrahydrofuran
Concen: 254.12 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

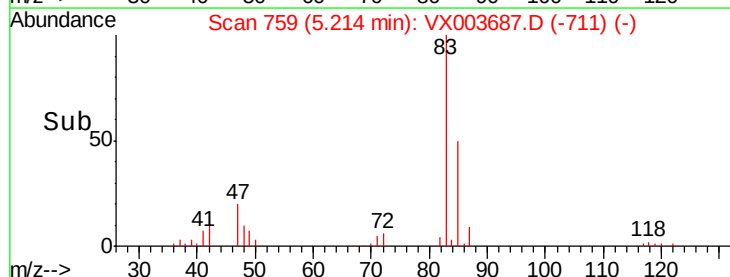
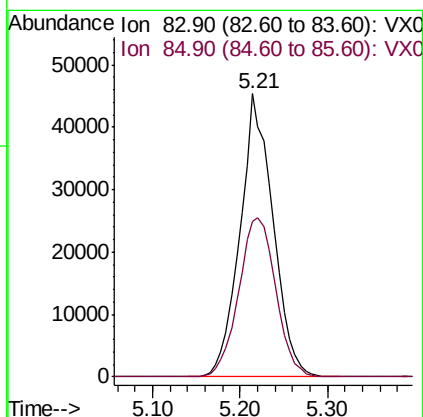
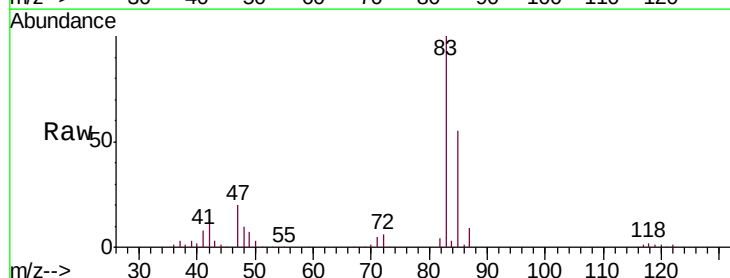
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

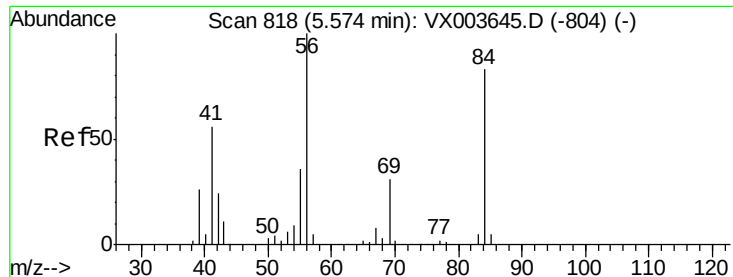
Tot Ion: 42 Resp: 181082
Ion Ratio Lower Upper
42 100
72 41.9 33.4 50.0
71 39.0 31.0 46.6



#30
Chloroform
Concen: 51.96 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 83 Resp: 119066
Ion Ratio Lower Upper
83 100
85 54.9 50.2 75.4

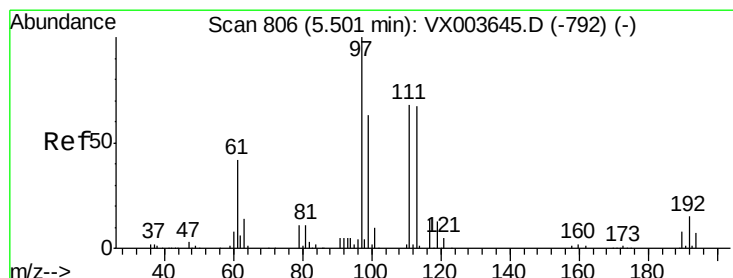
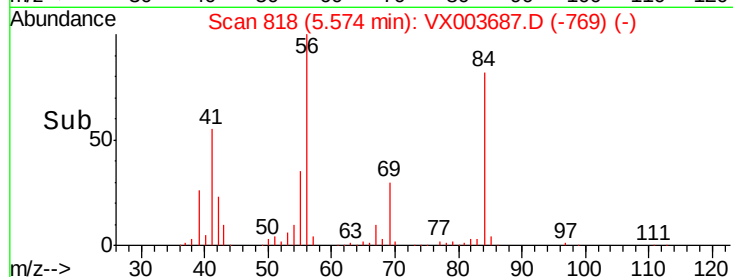
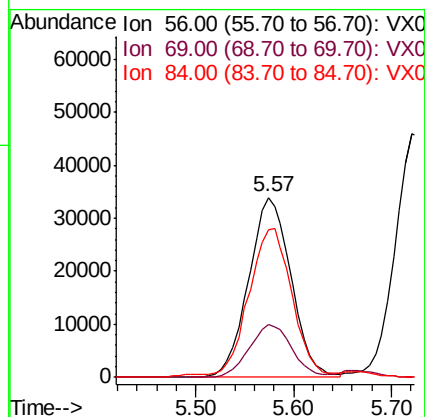
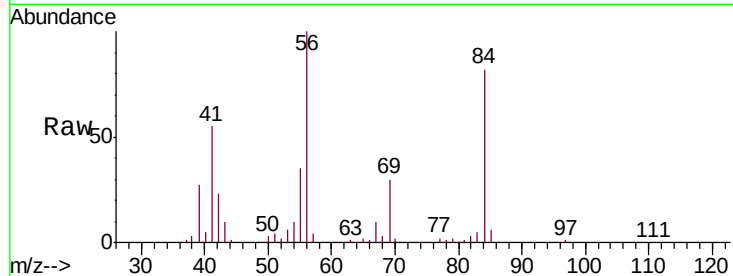




#31
Cyclohexane
Concen: 50.23 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

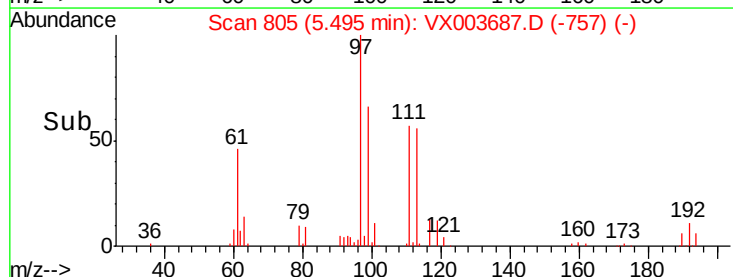
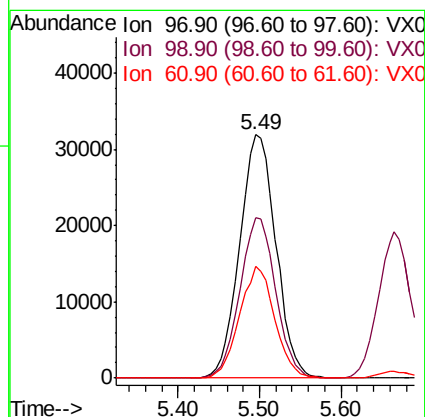
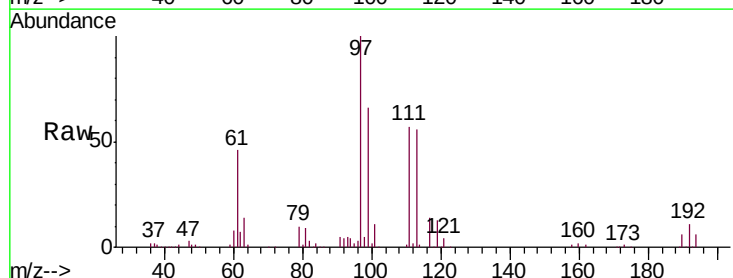
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

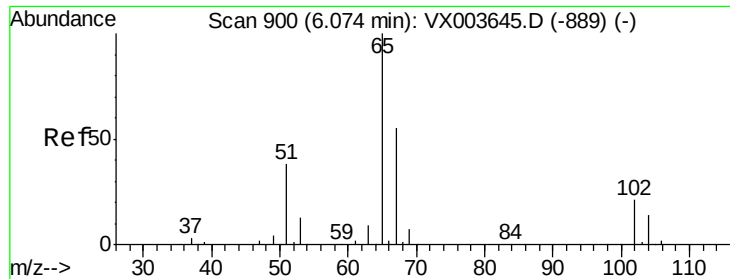
Tot Ion: 56 Resp: 101870
Ion Ratio Lower Upper
56 100
69 29.6 25.0 37.6
84 80.7 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 51.72 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 97 Resp: 98422
Ion Ratio Lower Upper
97 100
99 65.1 50.4 75.6
61 44.8 34.5 51.7

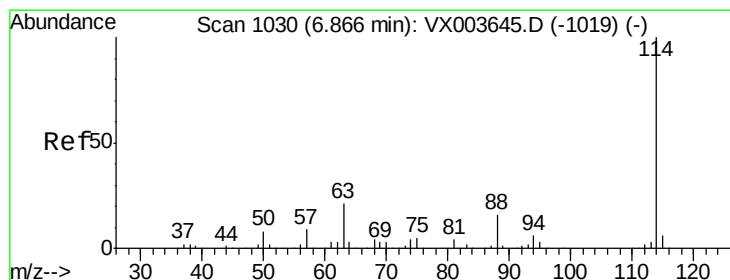
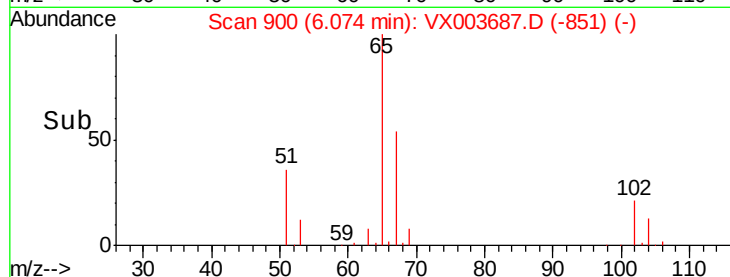
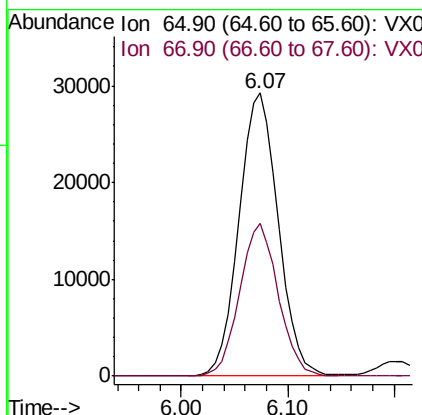
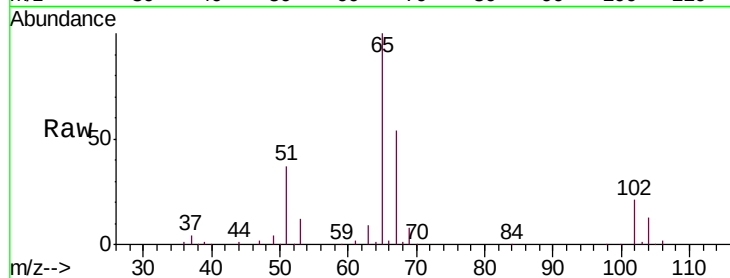




#33
 1,2-Dichloroethane-d4
 Concen: 50.21 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

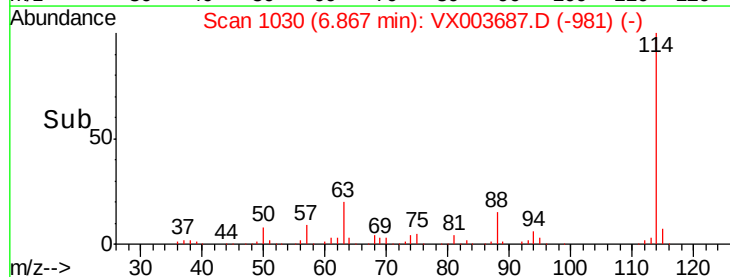
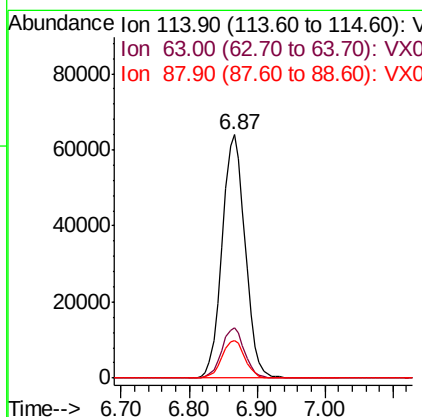
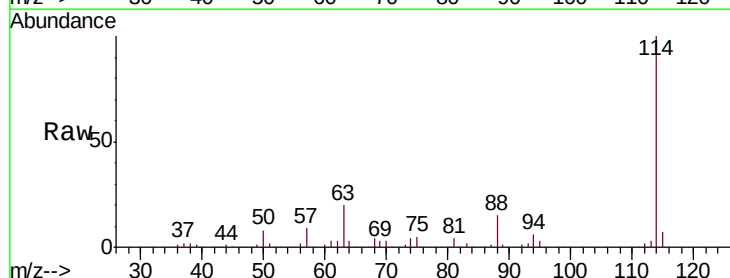
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

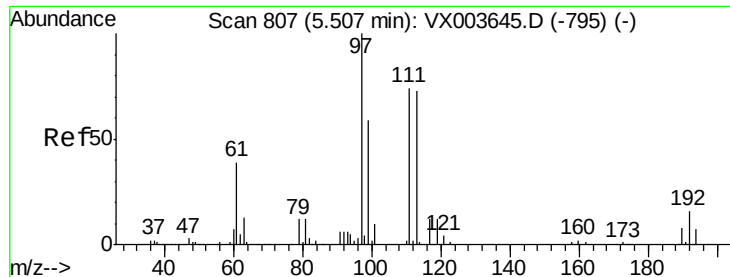
Tot Ion: 65 Resp: 75737
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion: 114 Resp: 150086
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.0
 88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.48 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

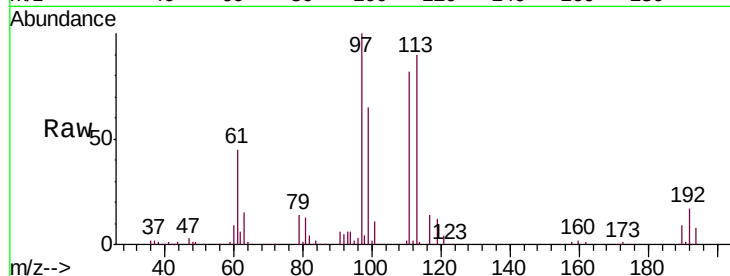
Tot Ion:113 Resp: 63168

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

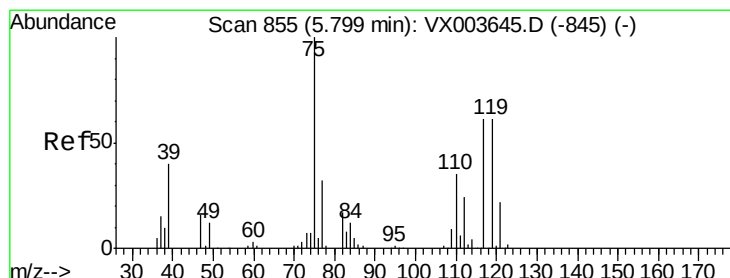
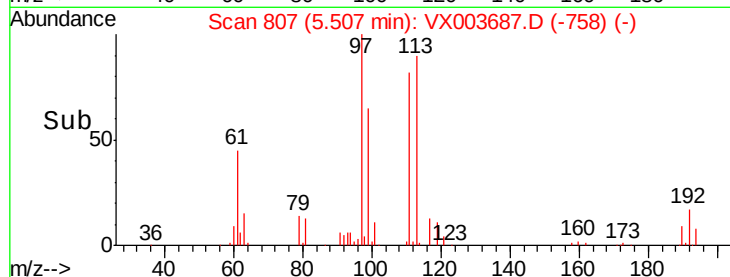
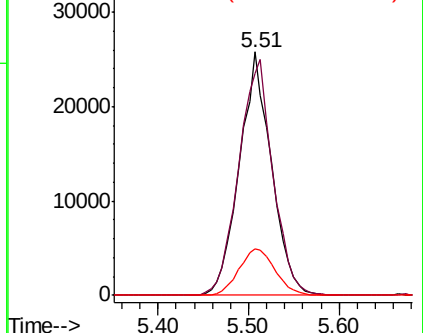
192 21.6 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.44 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

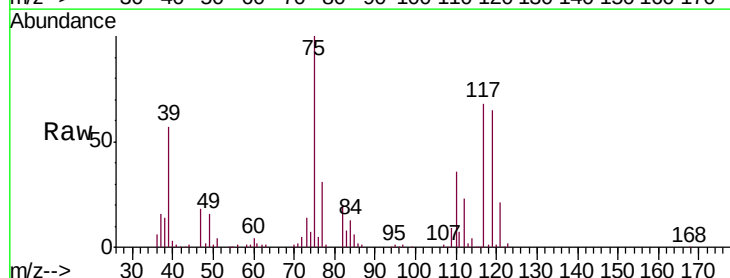
Tgt Ion: 75 Resp: 86738

Ion Ratio Lower Upper

75 100

110 35.5 18.1 54.1

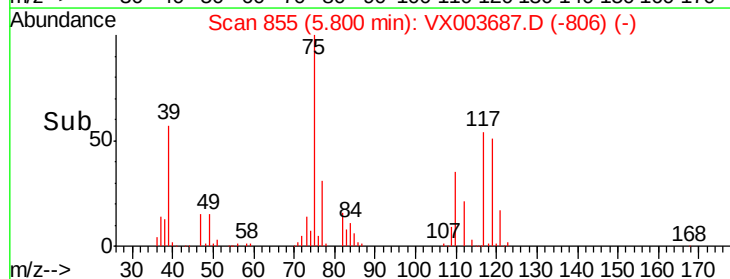
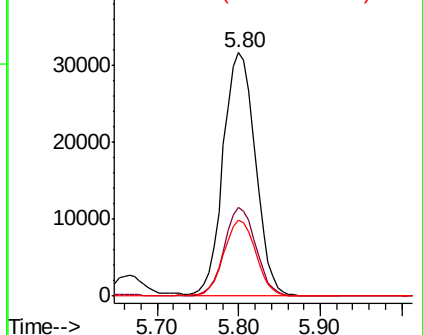
77 31.4 25.1 37.7

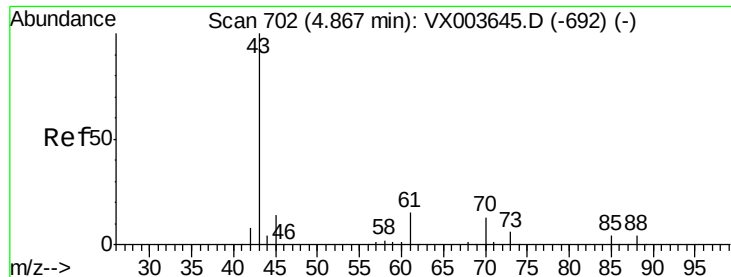


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

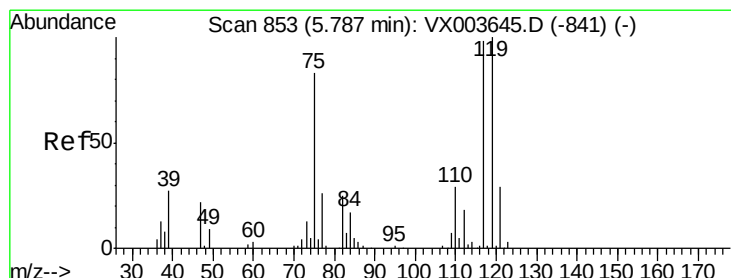
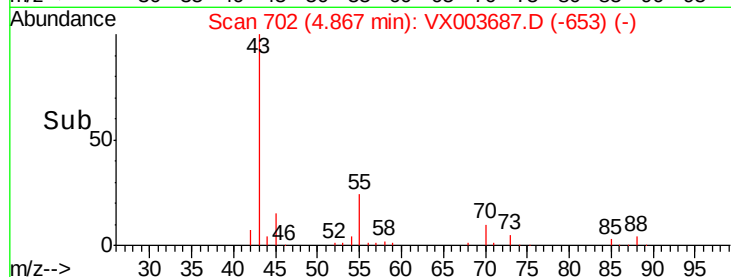
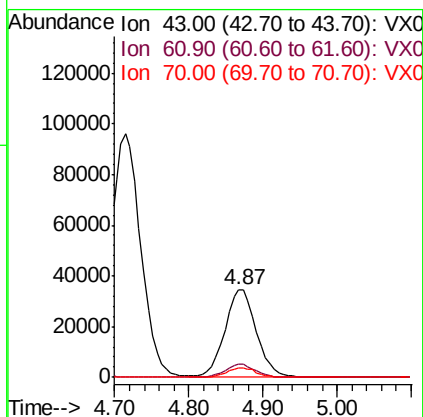
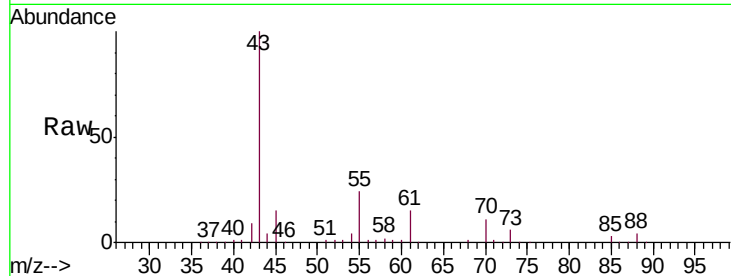




#37
Ethyl Acetate
Concen: 48.35 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

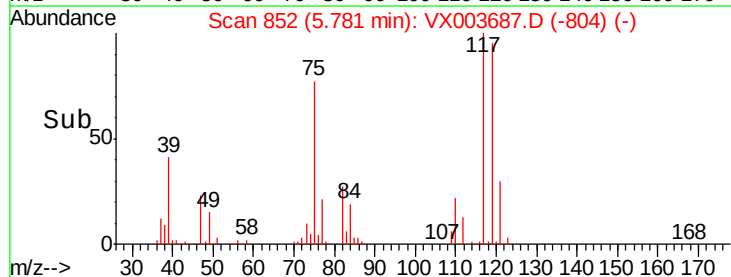
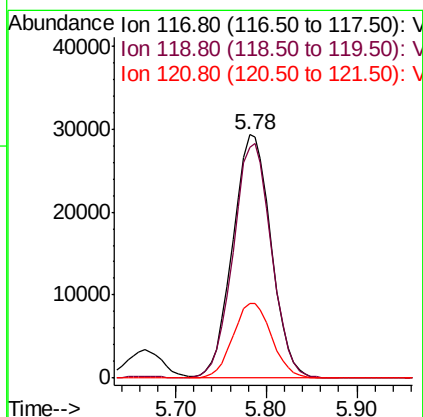
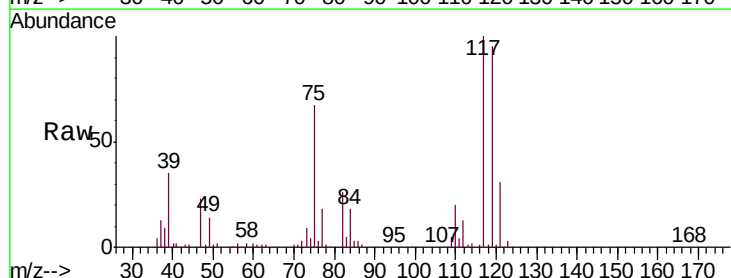
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

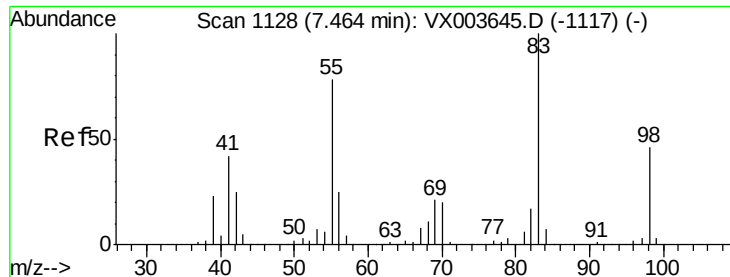
Tot Ion: 43 Resp: 101992
Ion Ratio Lower Upper
43 100
61 14.4 11.9 17.9
70 10.4 8.6 12.8



#38
Carbon Tetrachloride
Concen: 51.05 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 117 Resp: 86328
Ion Ratio Lower Upper
117 100
119 94.6 81.0 121.4
121 30.8 23.7 35.5

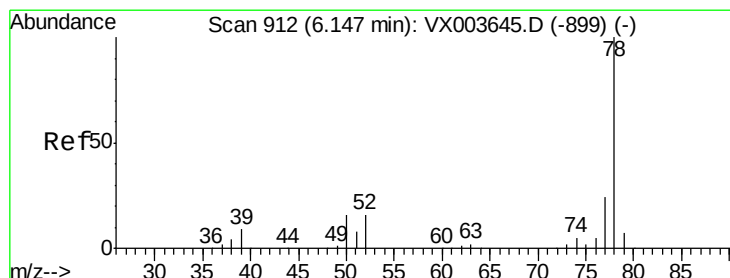
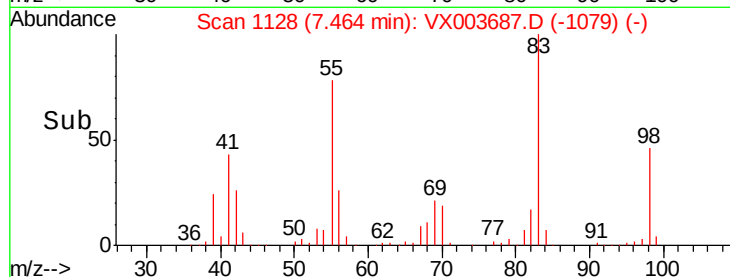
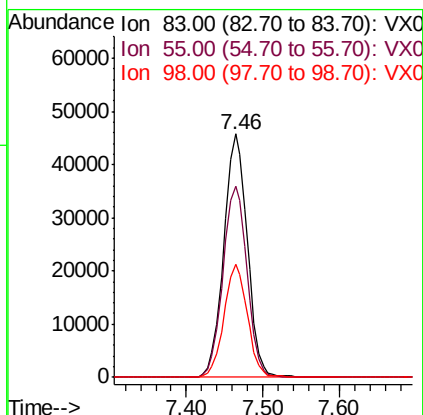
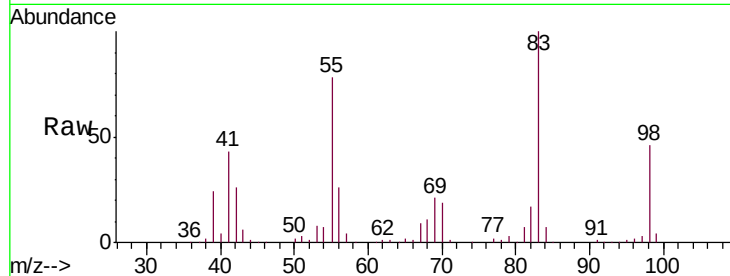




#39
Methylvlcyclohexane
Concen: 50.55 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

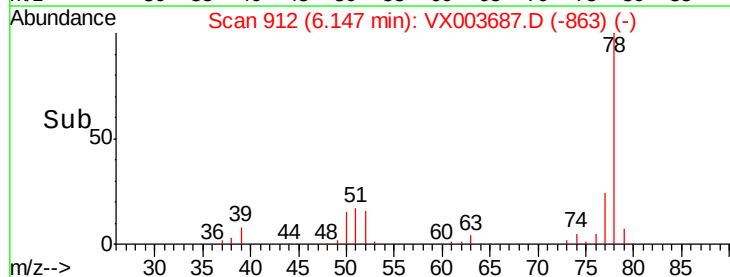
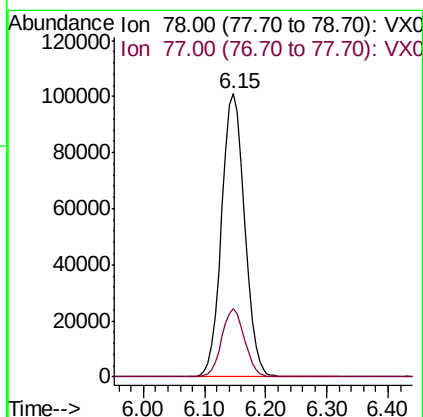
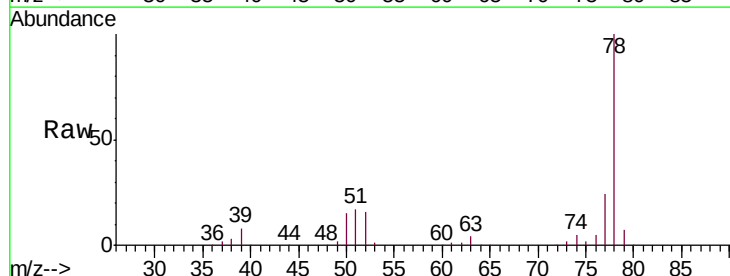
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

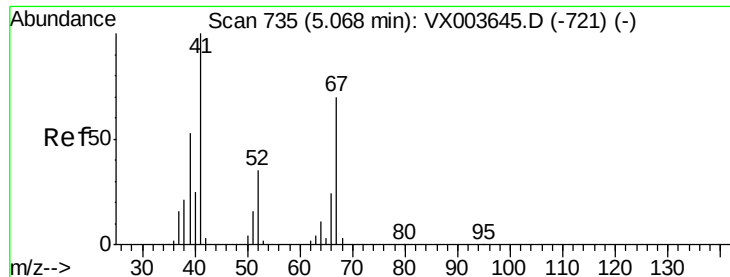
Tot Ion: 83 Resp: 97607
Ion Ratio Lower Upper
83 100
55 78.4 62.6 93.8
98 46.3 36.6 55.0



#40
Benzene
Concen: 50.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 78 Resp: 263579
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

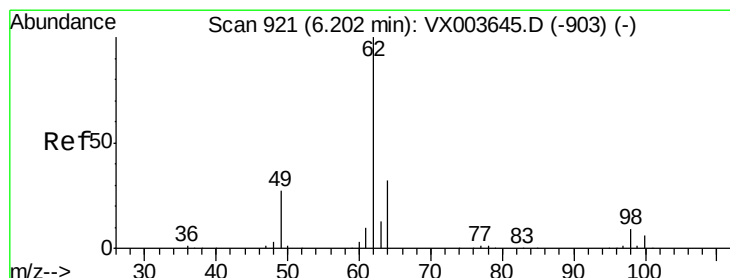
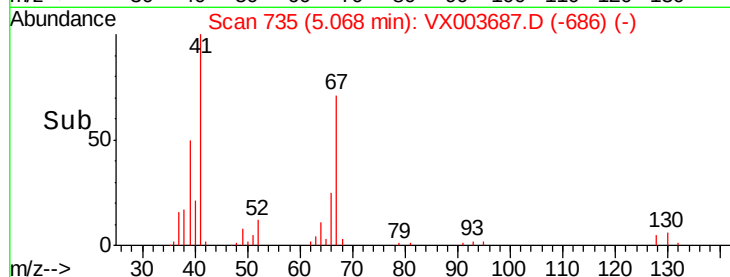
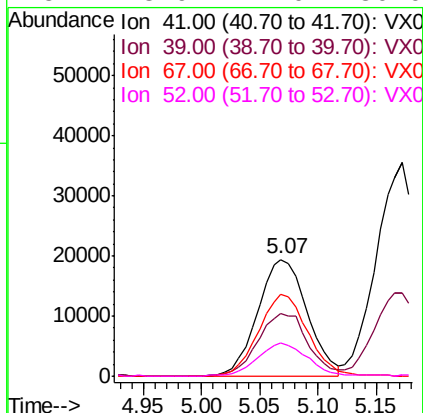
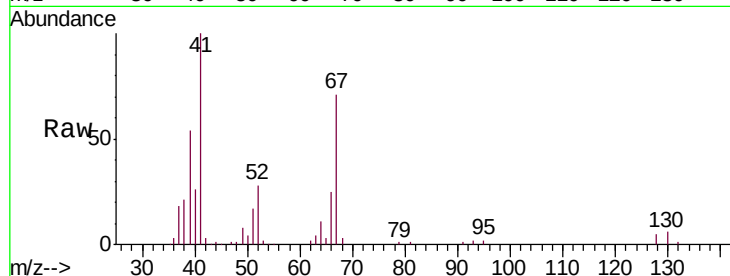




#41
Methacrylonitrile
Concen: 48.82 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

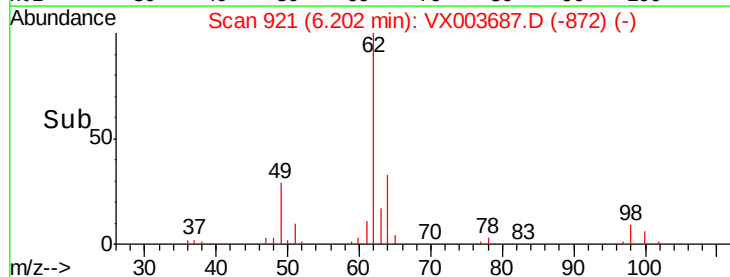
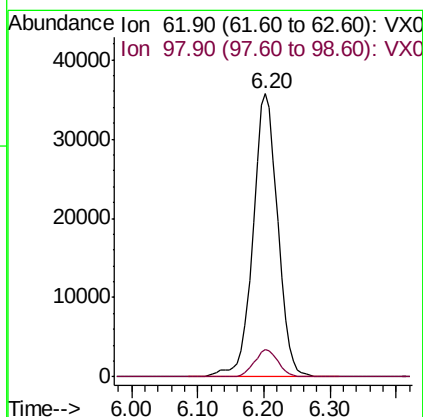
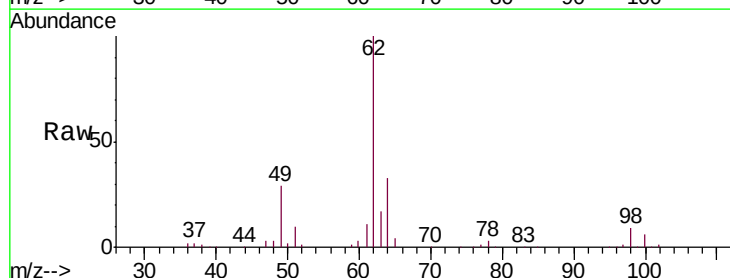
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

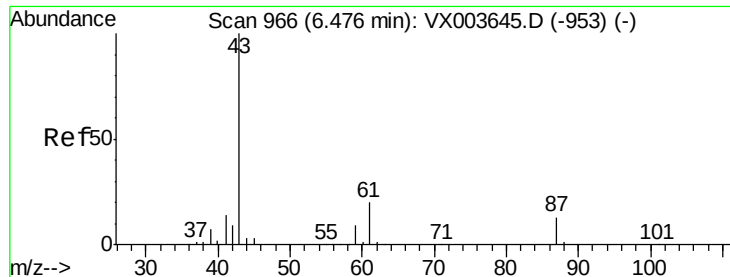
Tot Ion:	41	Resp:	57033
Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.2	63.4
67	70.1	56.6	84.8
52	28.9	24.0	36.0



#42
1,2-Dichloroethane
Concen: 50.90 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion:	62	Resp:	93005
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 51.11 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

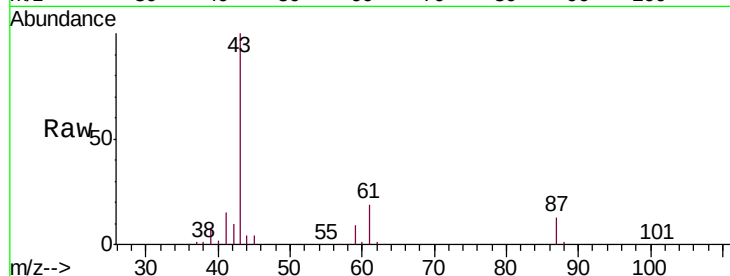
Tot Ion: 43 Resp: 157279

Ion Ratio Lower Upper

43 100

61 19.8 15.9 23.9

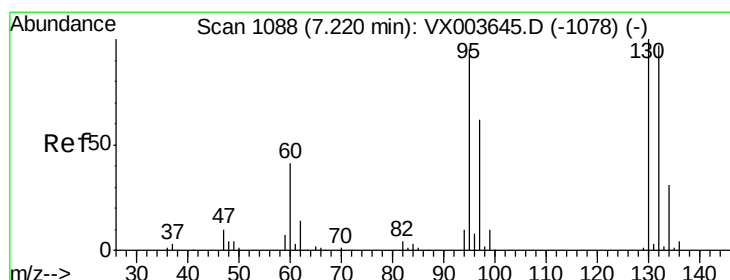
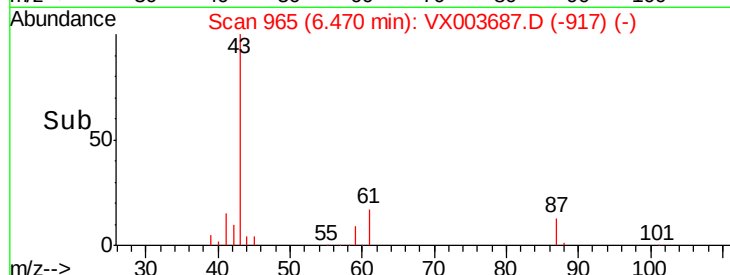
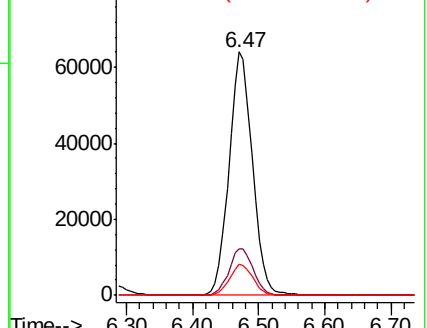
87 12.5 10.1 15.1



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: 48.38 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003687.D

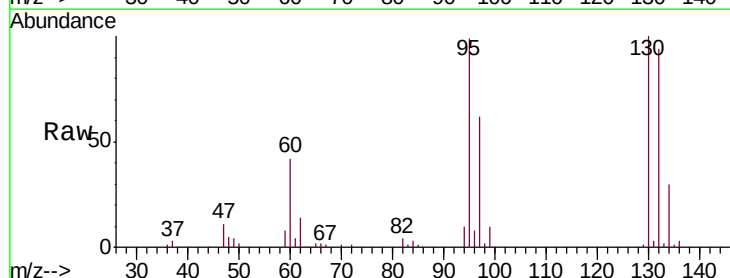
Acq: 26 Jul 2018 23:19

Tgt Ion:130 Resp: 67337

Ion Ratio Lower Upper

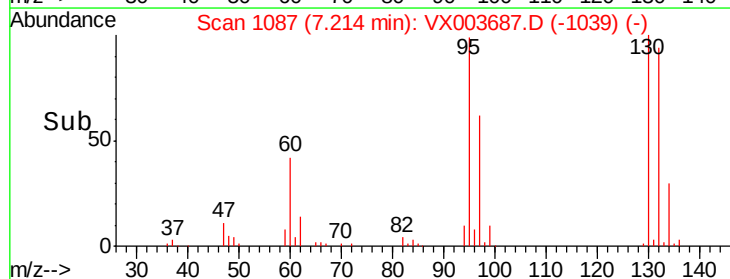
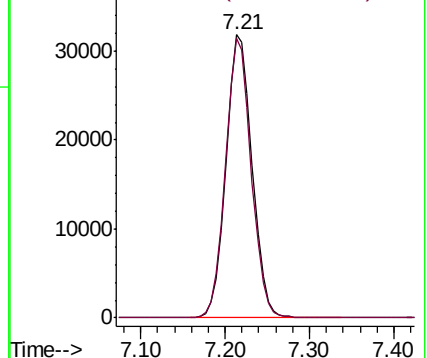
130 100

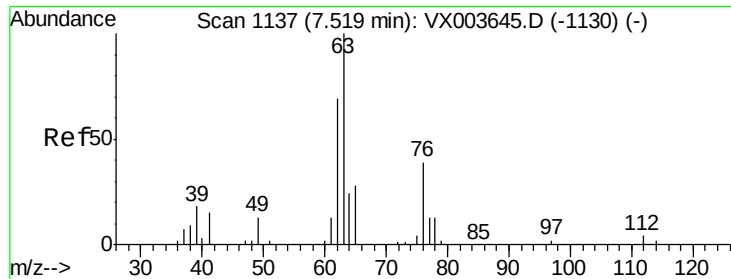
95 98.9 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

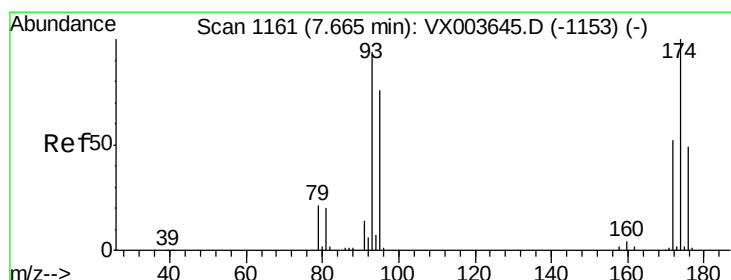
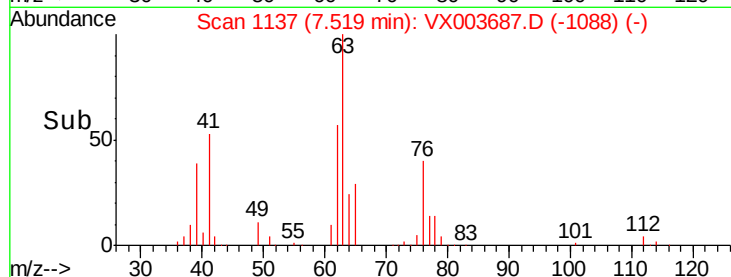
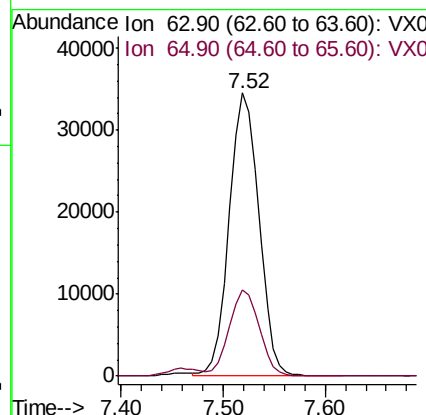
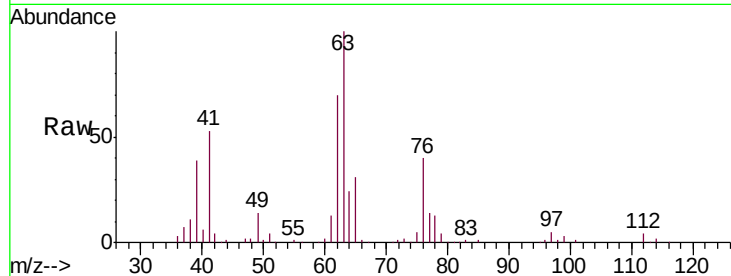




#45
 1,2-Dichloropropane
 Concen: 52.04 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

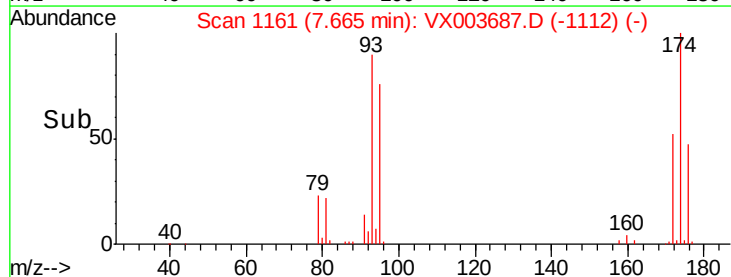
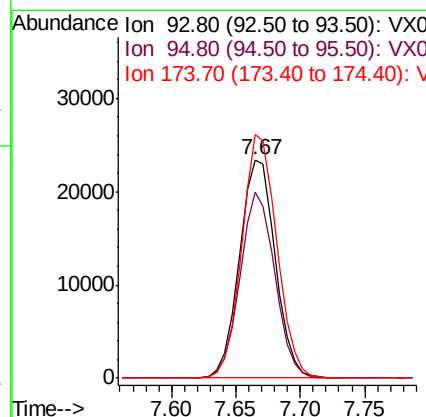
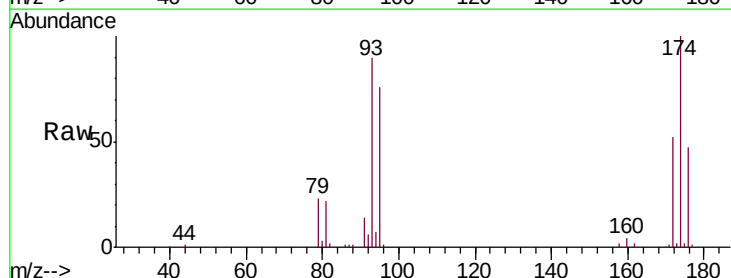
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

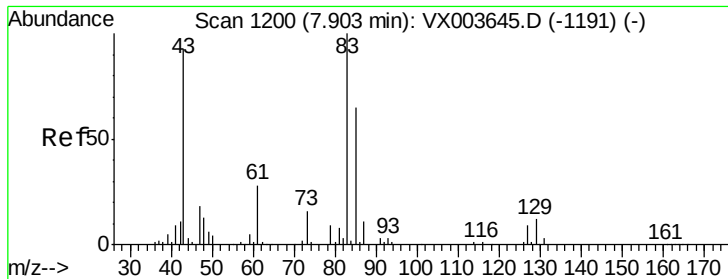
Tot Ion: 63 Resp: 69831
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.0 36.0



#46
 Dibromomethane
 Concen: 52.18 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion: 93 Resp: 44983
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.0 100.6
 174 109.5 89.6 134.4





#47

Bromodichloromethane

Concen: 52.83 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

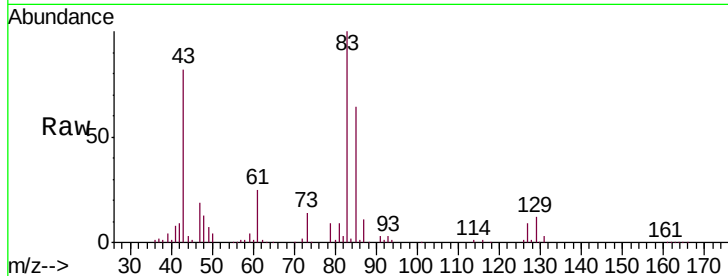
Tot Ion: 83 Resp: 85385

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.6

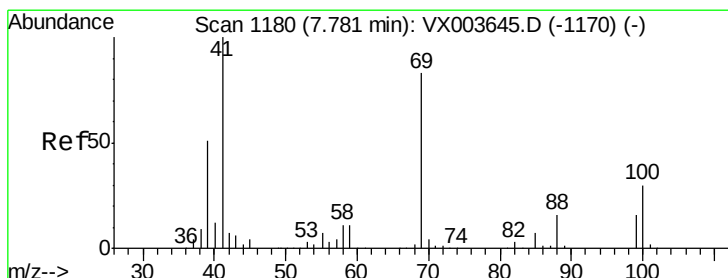
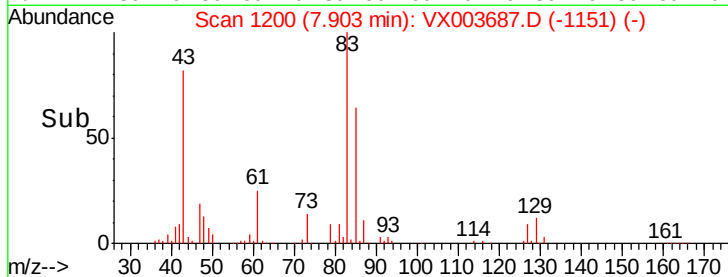
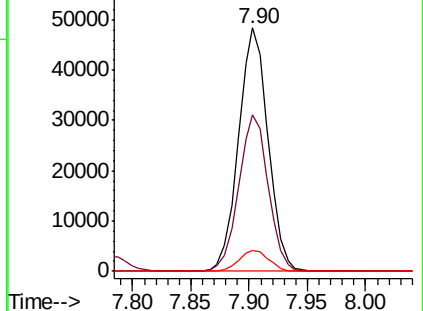
127 8.7 7.0 10.6



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: 53.01 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

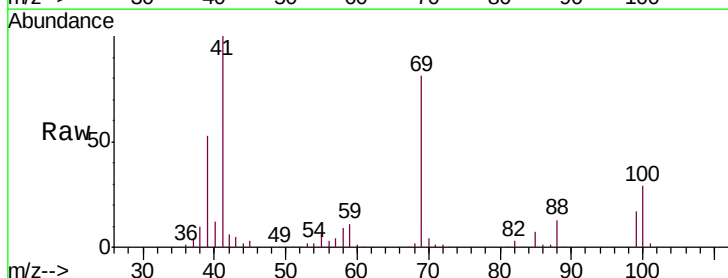
Tgt Ion: 41 Resp: 82789

Ion Ratio Lower Upper

41 100

69 81.8 66.9 100.3

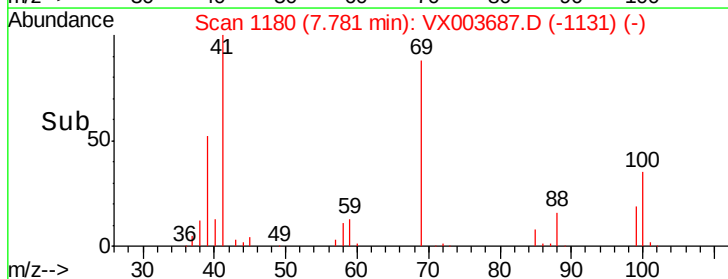
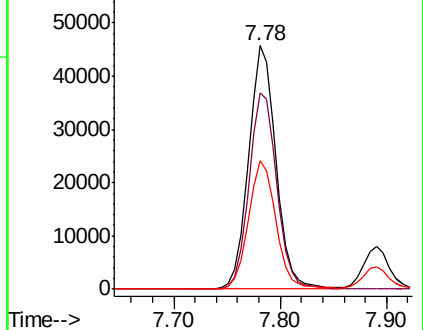
39 53.1 41.2 61.8

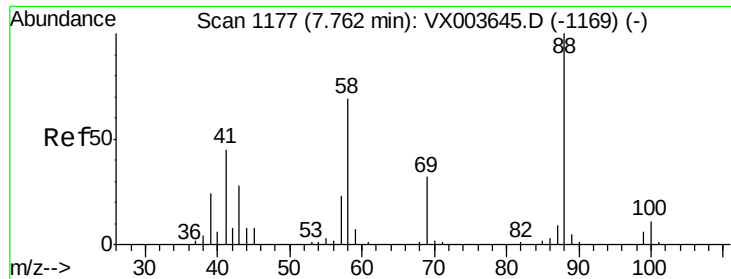


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

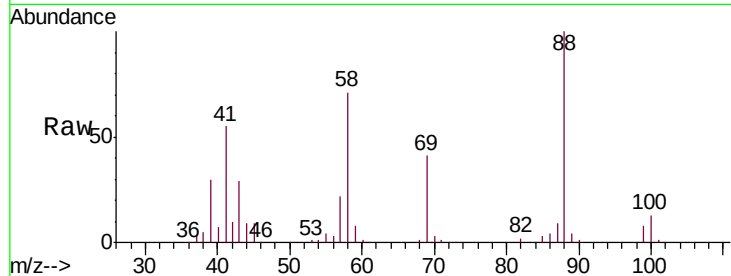




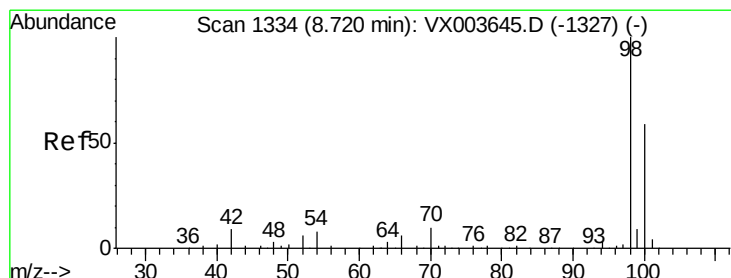
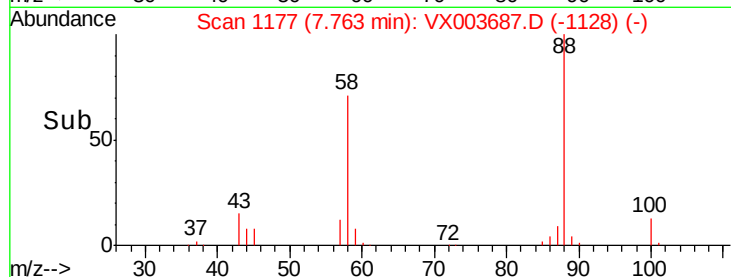
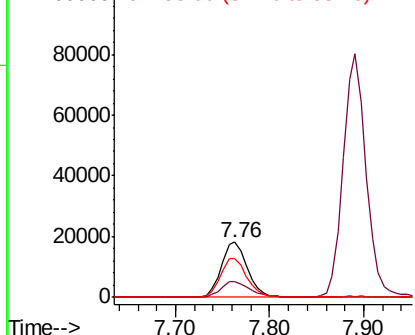
#49
1,4-Dioxane
Concen: 1012.31 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 35269
Ion Ratio Lower Upper
88 100
43 33.1 25.8 38.6
58 72.9 58.3 87.5

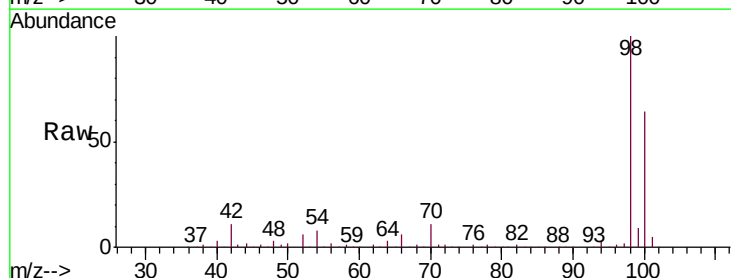


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

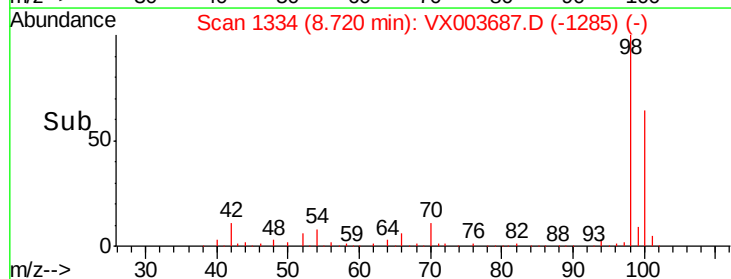
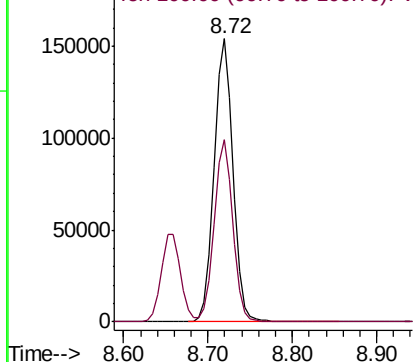


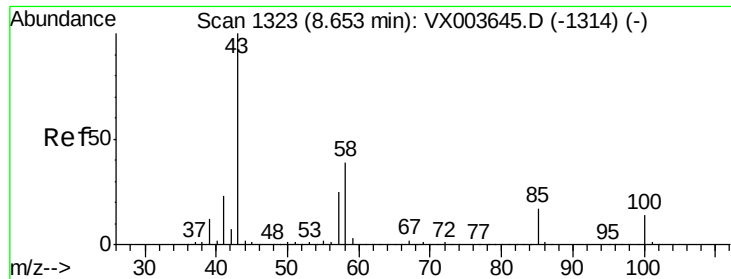
#50
Toluene-d8
Concen: 51.10 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 98 Resp: 239285
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 260.62 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

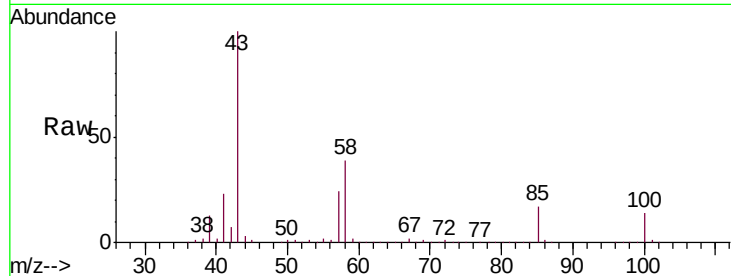
VSTDCCC050

Tot Ion: 43 Resp: 541154

Ion Ratio Lower Upper

43 100

58 38.6 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

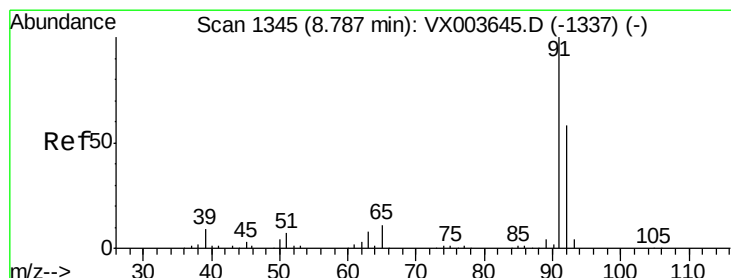
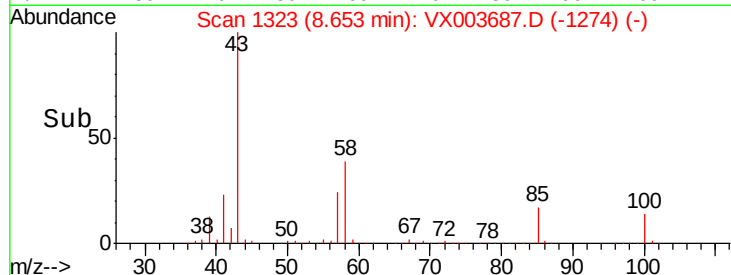
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.11 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003687.D

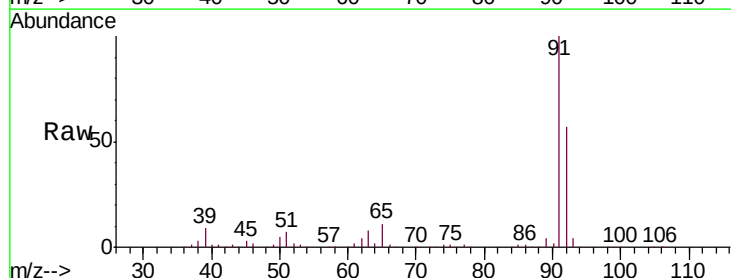
Acq: 26 Jul 2018 23:19

Tgt Ion: 92 Resp: 164928

Ion Ratio Lower Upper

92 100

91 174.8 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

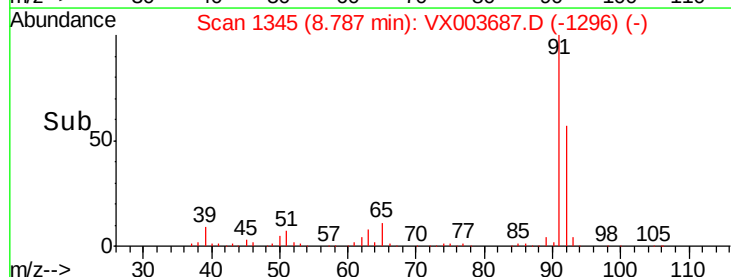
150000

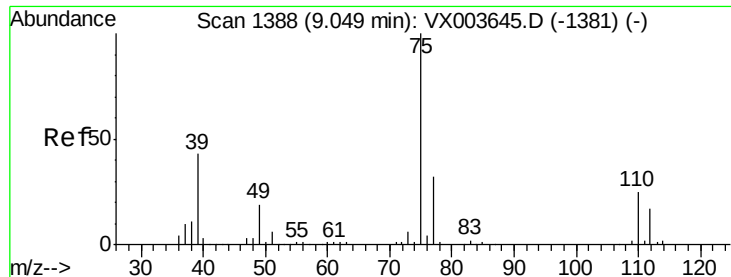
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.66 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

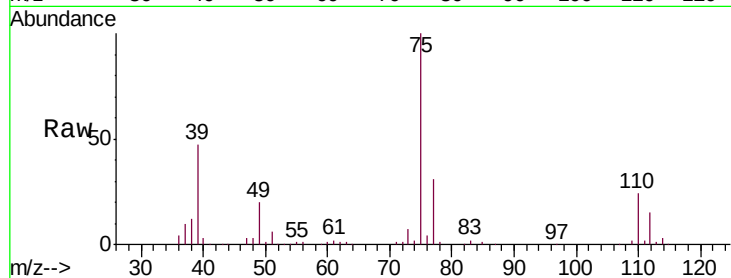
VSTDCCC050

Tot Ion: 75 Resp: 92449

Ion Ratio Lower Upper

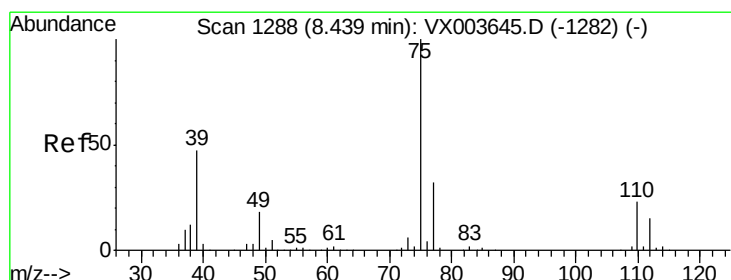
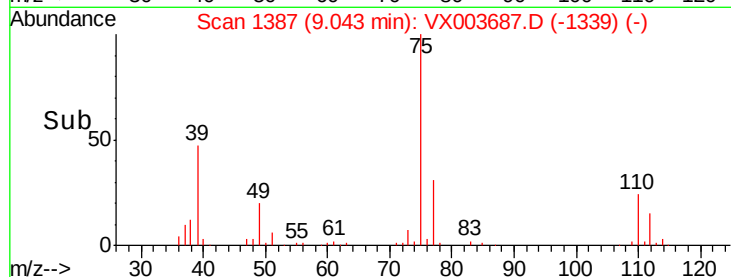
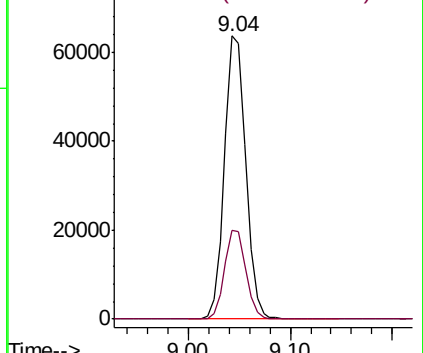
75 100

77 31.5 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.02 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

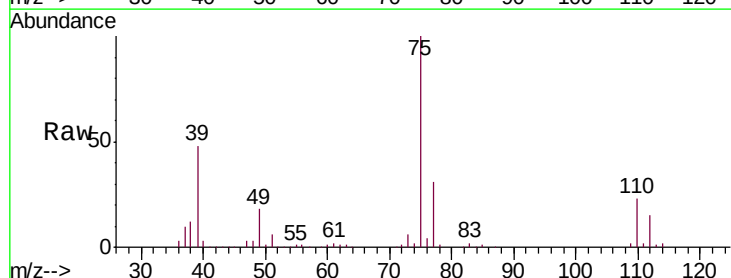
Tgt Ion: 75 Resp: 100477

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

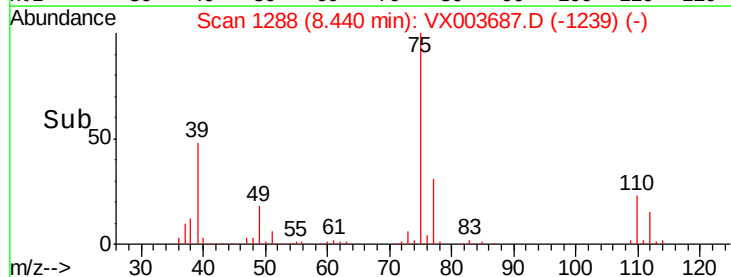
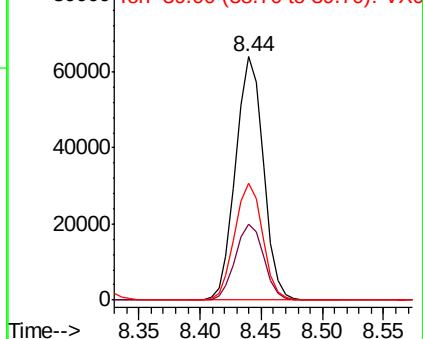
39 47.9 38.0 57.0

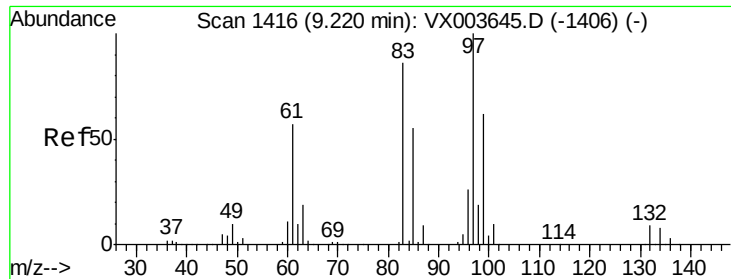


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

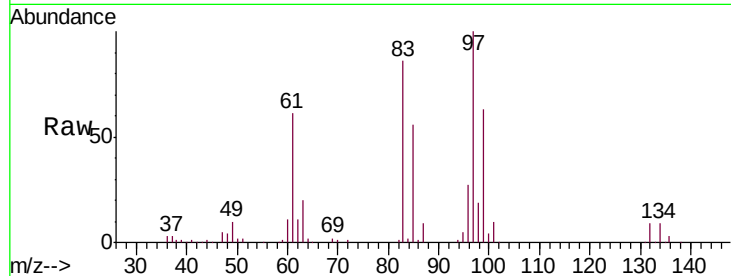




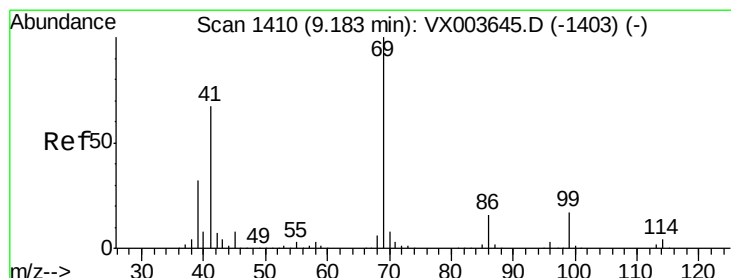
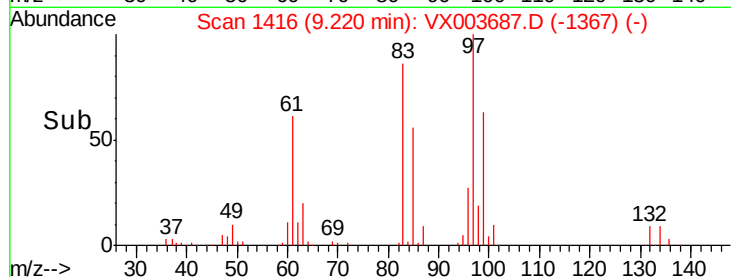
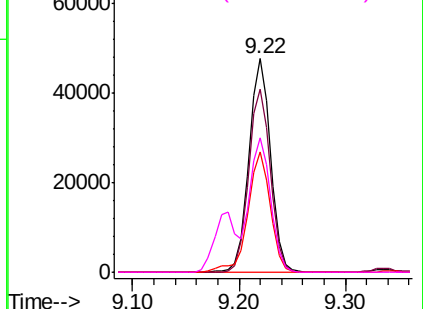
#55
 1,1,2-Trichloroethane
 Concen: 51.63 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 68110
 Ion Ratio Lower Upper
 97 100
 83 85.8 68.7 103.1
 85 56.3 43.7 65.5
 99 62.8 49.6 74.4

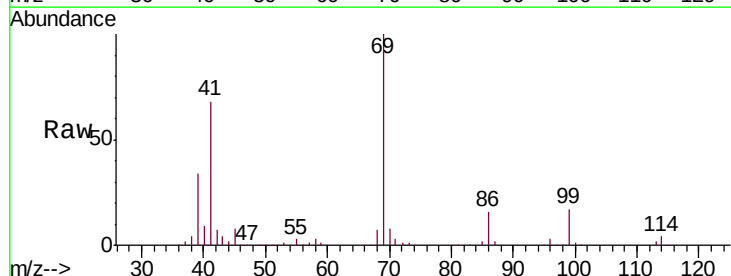


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

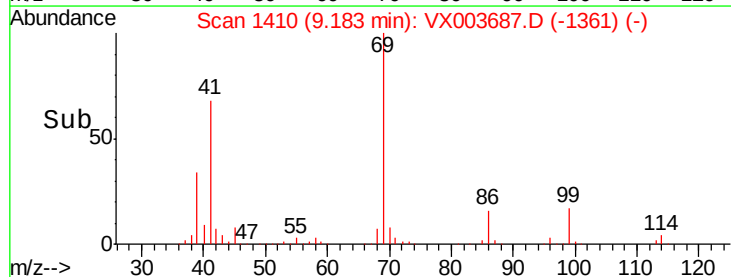
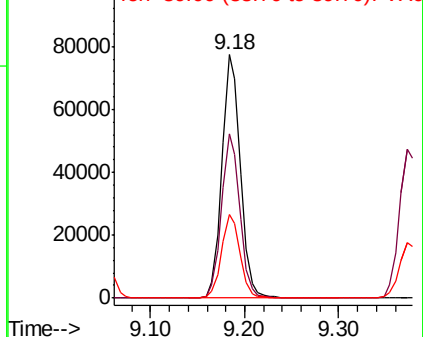


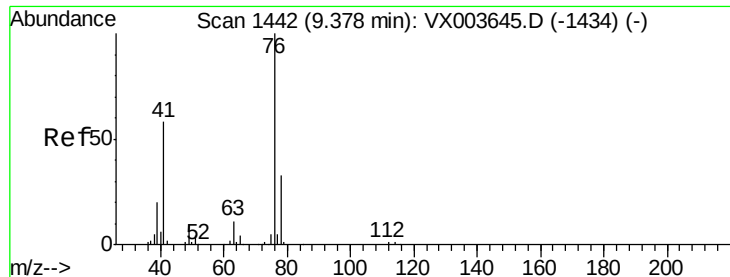
#56
 Ethyl methacrylate
 Concen: 53.40 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion: 69 Resp: 104828
 Ion Ratio Lower Upper
 69 100
 41 67.5 53.8 80.6
 39 34.4 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: 51.39 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

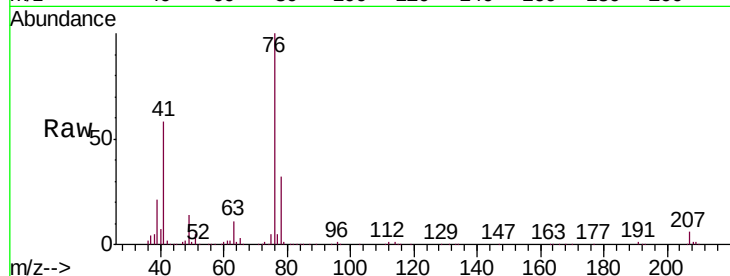
VSTDCCC050

Tot Ion: 76 Resp: 113826

Ion Ratio Lower Upper

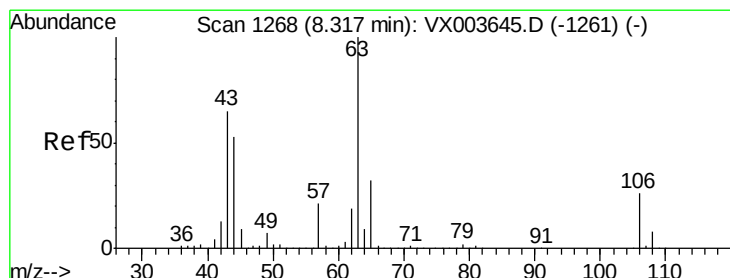
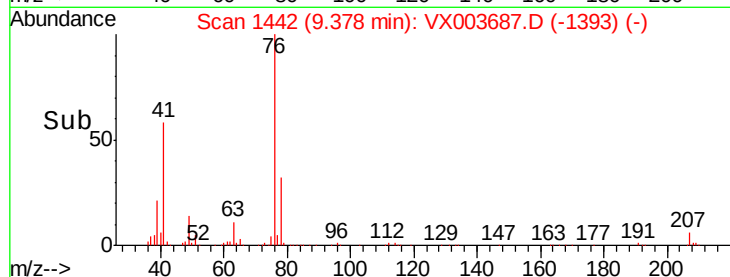
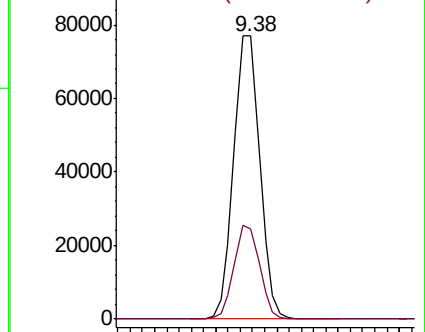
76 100

78 32.5 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: 271.14 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003687.D

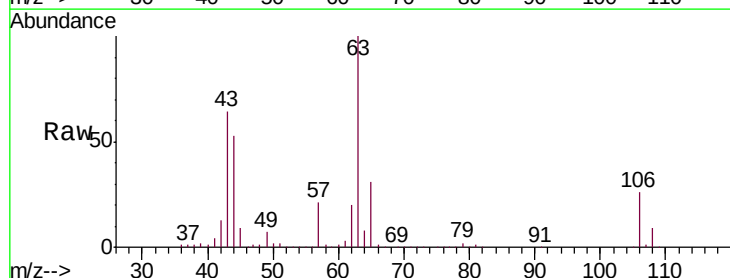
Acq: 26 Jul 2018 23:19

Tgt Ion: 63 Resp: 267463

Ion Ratio Lower Upper

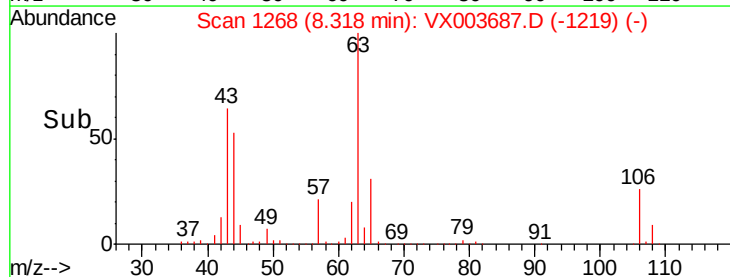
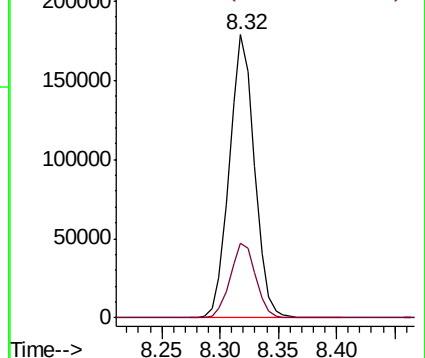
63 100

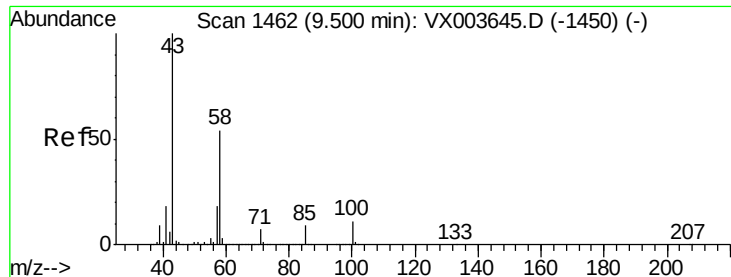
106 27.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

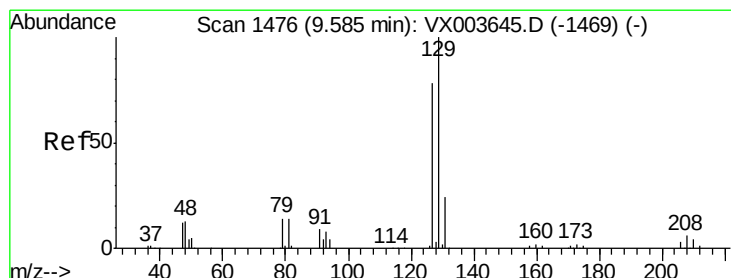
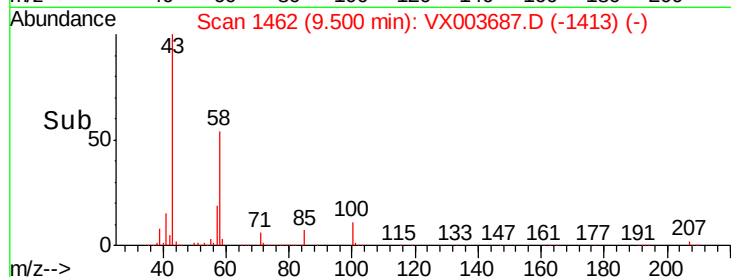
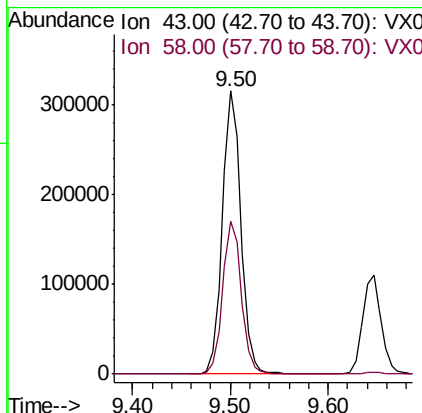
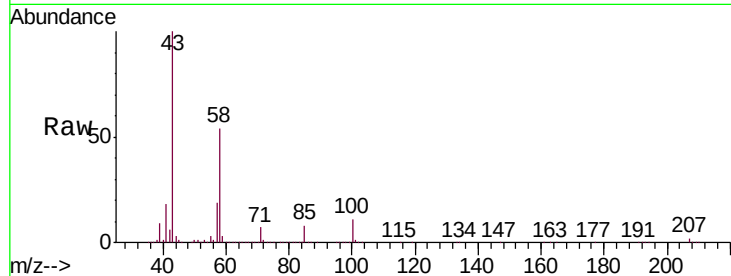




#59
2-Hexanone
Concen: 262.01 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

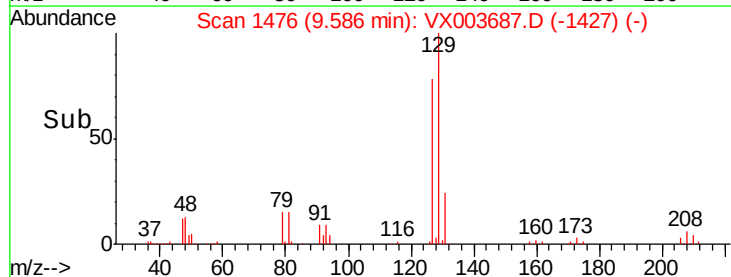
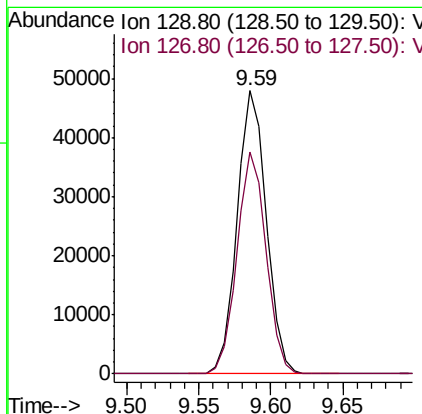
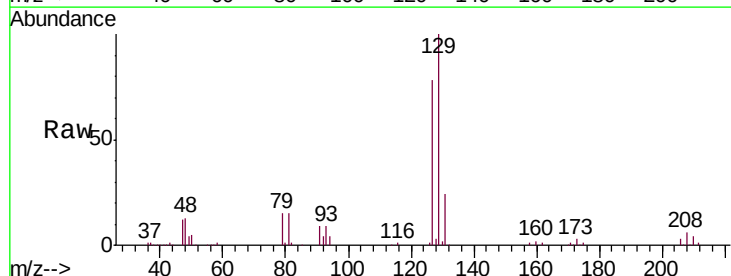
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

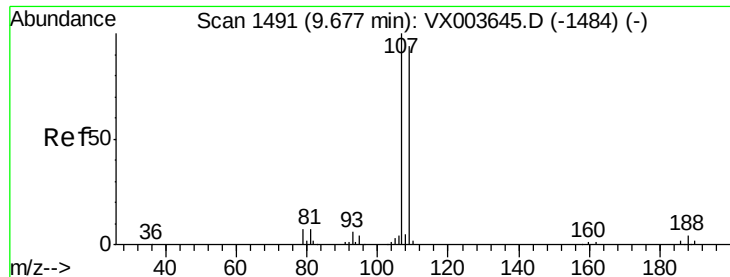
Tot Ion: 43 Resp: 417328
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.9



#60
Dibromochloromethane
Concen: 54.08 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 129 Resp: 67658
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 51.30 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

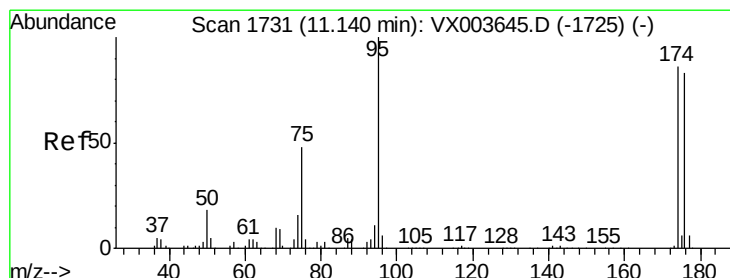
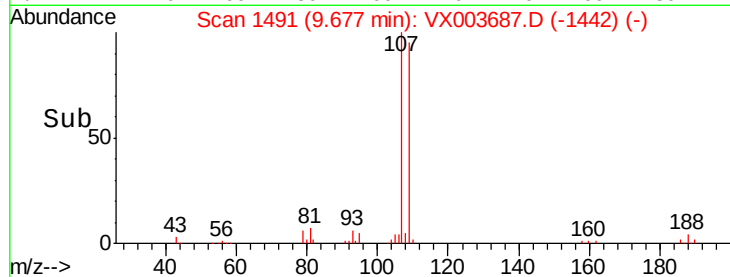
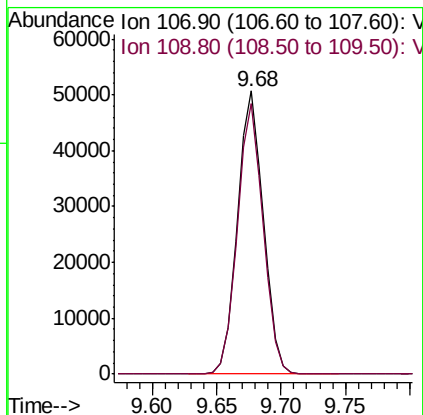
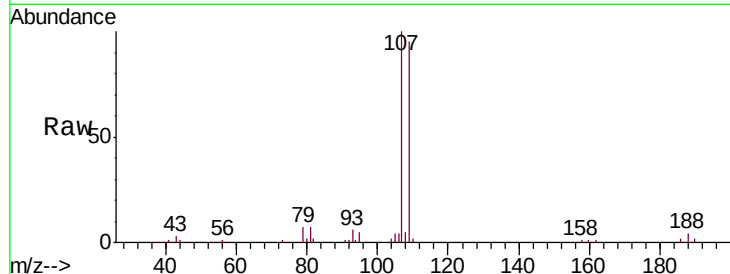
VSTDCCC050

Tot Ion:107 Resp: 70462

Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 51.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

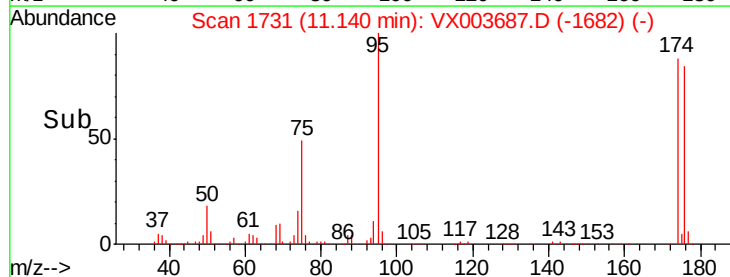
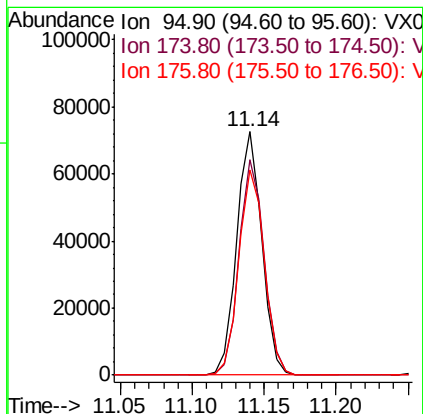
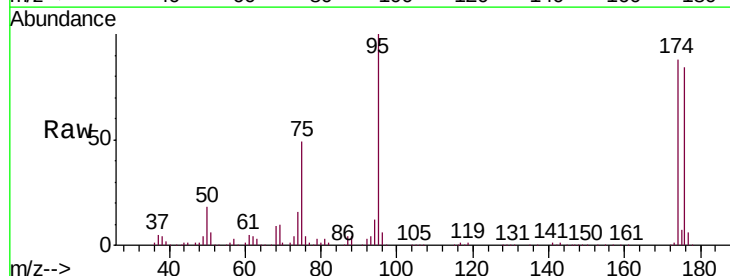
Tgt Ion: 95 Resp: 88420

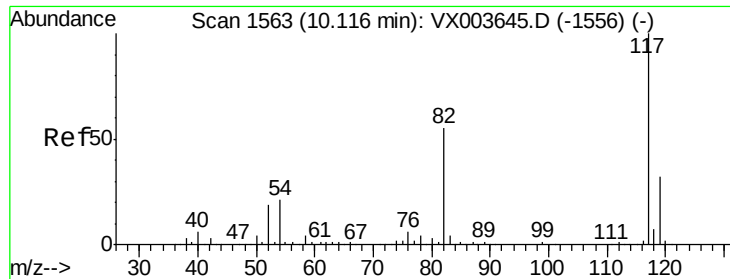
Ion Ratio Lower Upper

95 100

174 88.2 0.0 179.0

176 85.8 0.0 173.0

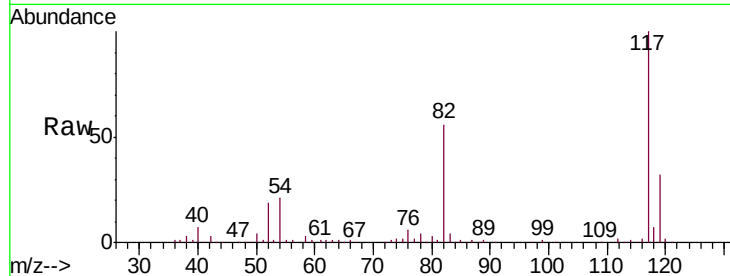




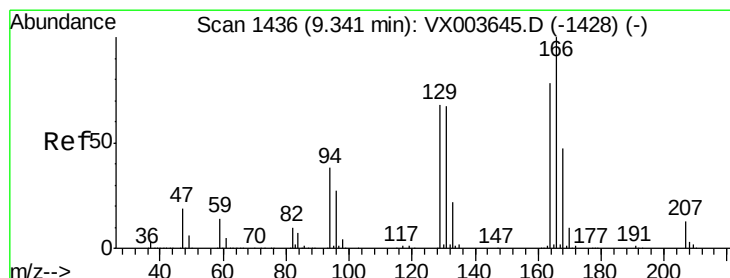
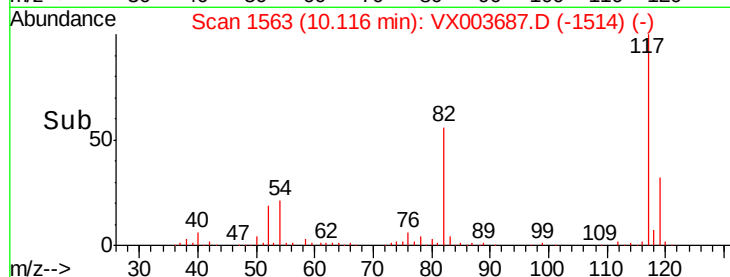
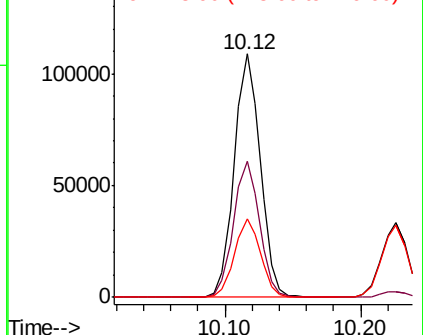
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 145430
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.3 25.6 38.4

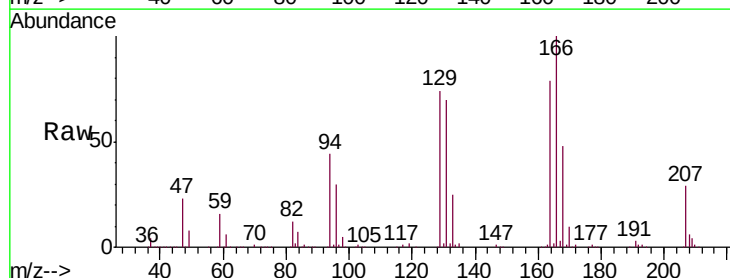


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

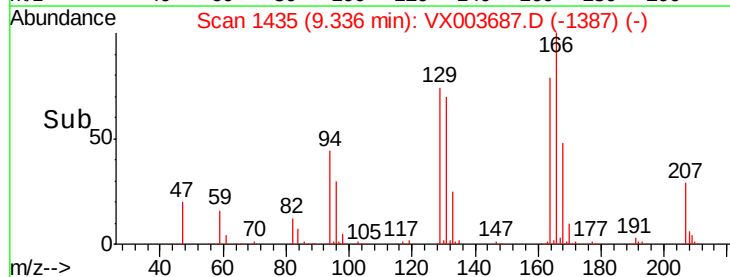
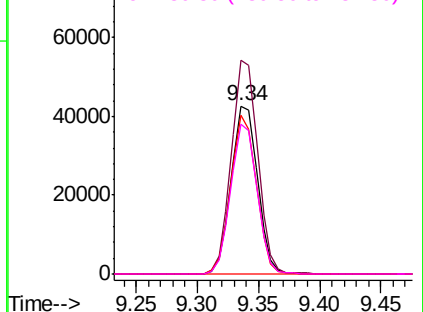


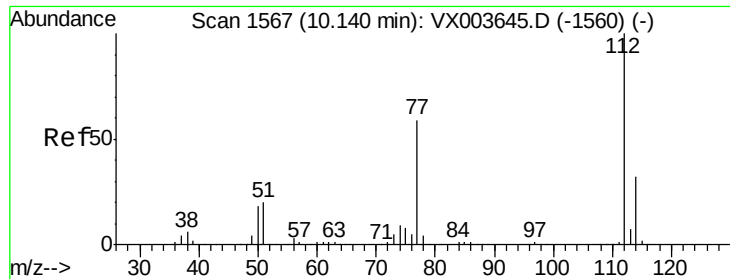
#64
Tetrachloroethene
Concen: 47.86 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion:164 Resp: 63635
Ion Ratio Lower Upper
164 100
166 127.1 102.4 153.6
129 94.3 69.6 104.4
131 89.0 69.0 103.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

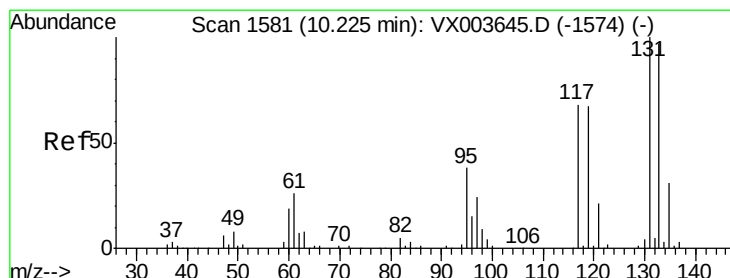
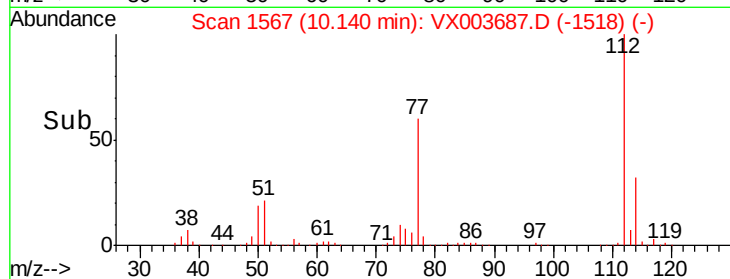
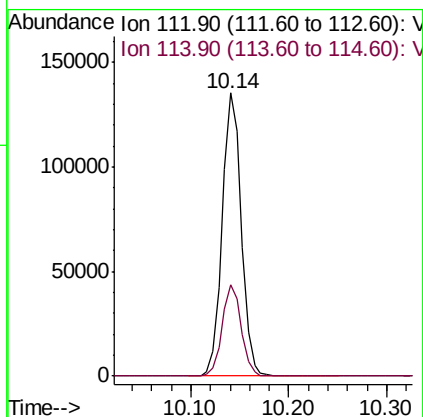
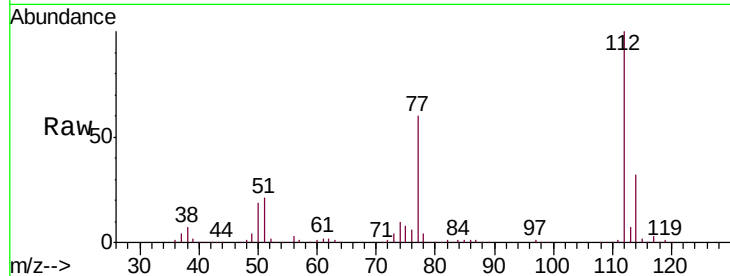




#65
Chlorobenzene
Concen: 49.95 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

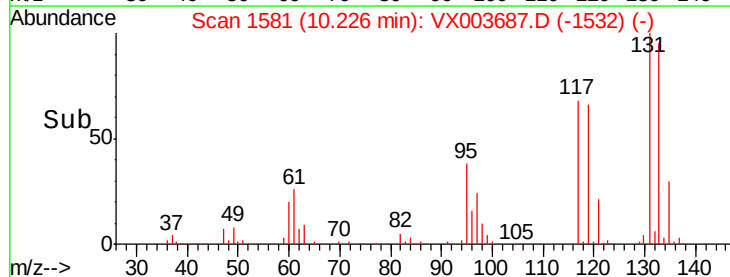
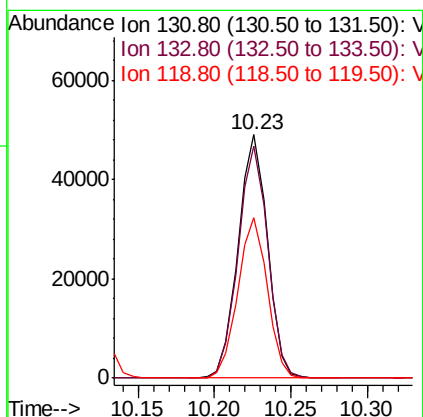
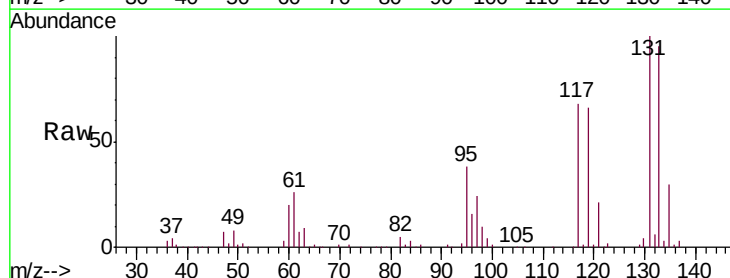
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

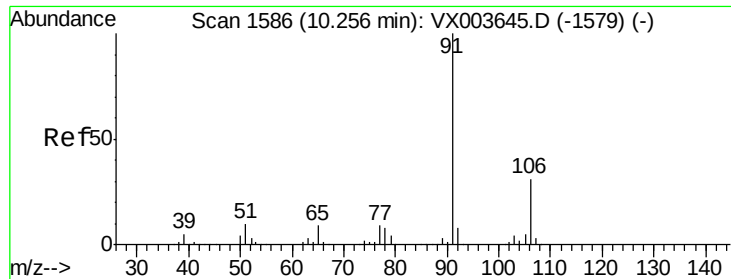
Tot Ion:112 Resp: 182825
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.27 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion:131 Resp: 65231
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.8
119 66.2 32.8 98.4

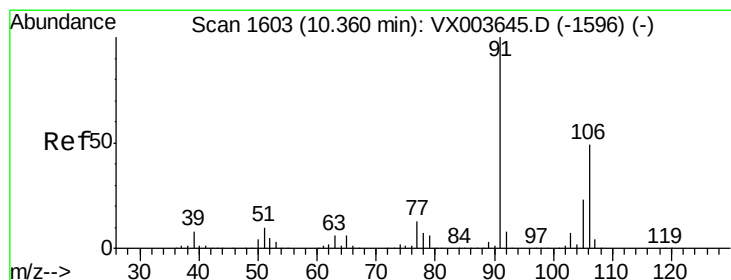
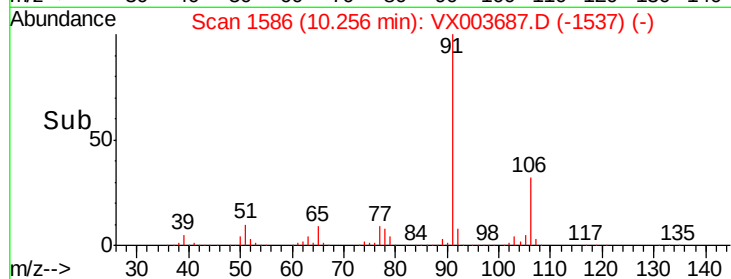
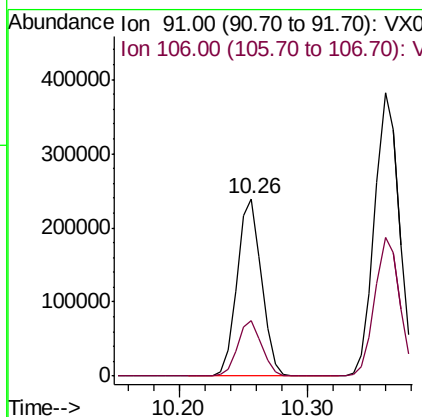
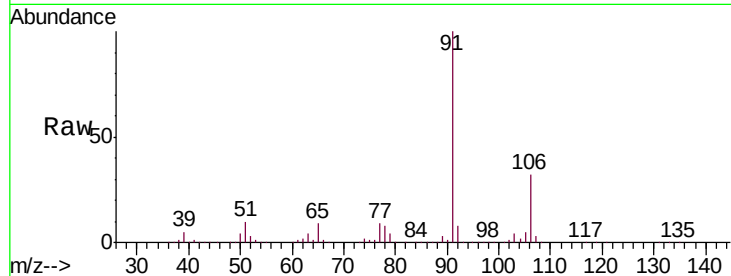




#67
Ethyl Benzene
Concen: 51.53 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

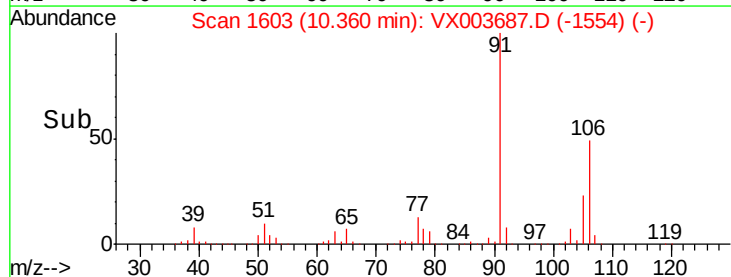
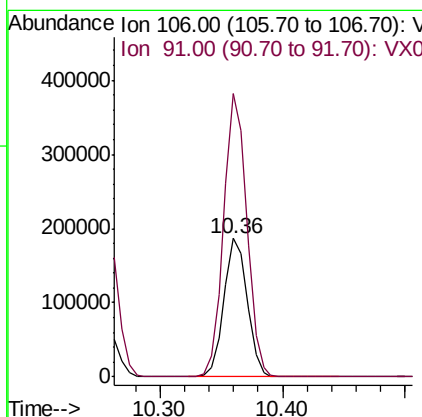
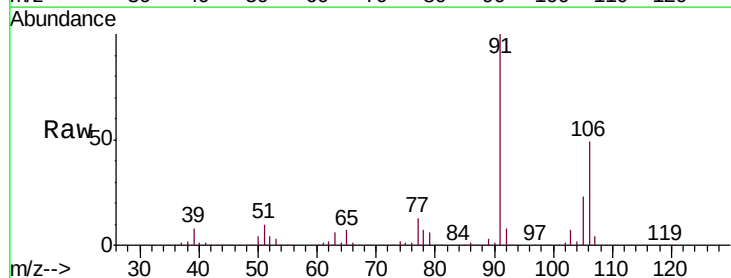
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

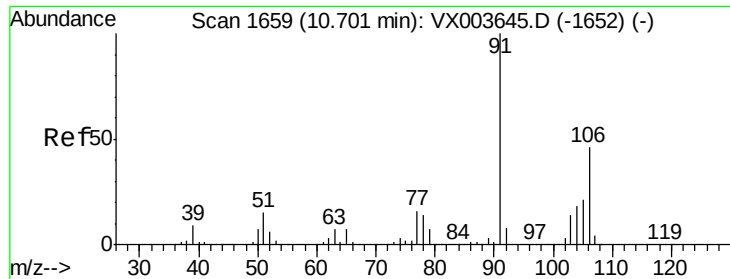
Tot Ion: 91 Resp: 315690
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 105.03 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 106 Resp: 246847
Ion Ratio Lower Upper
106 100
91 203.0 162.2 243.2

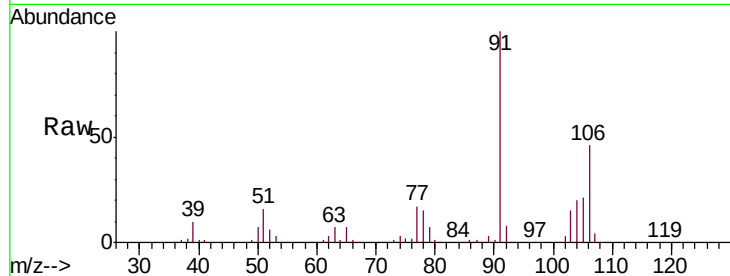




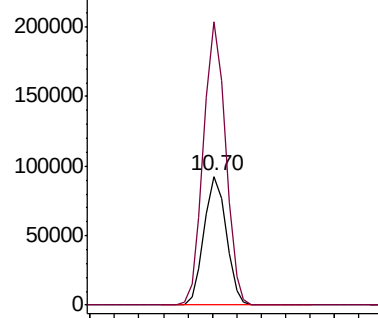
#69
o-Xylene
Concen: 51.73 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

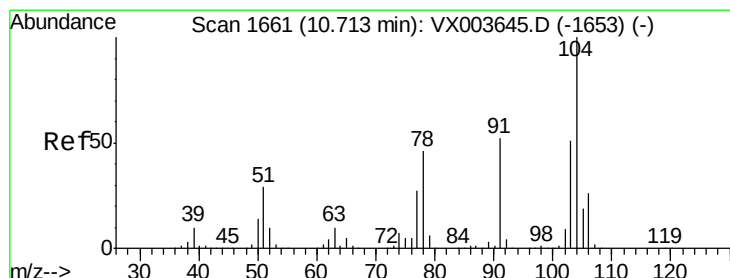
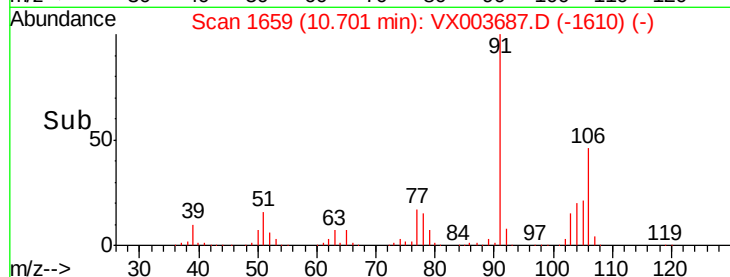
Tot Ion:106 Resp: 117056
Ion Ratio Lower Upper
106 100
91 217.5 107.1 321.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

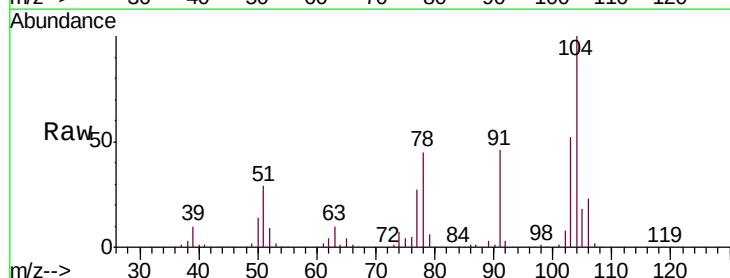


Time--> 10.60 10.70 10.80

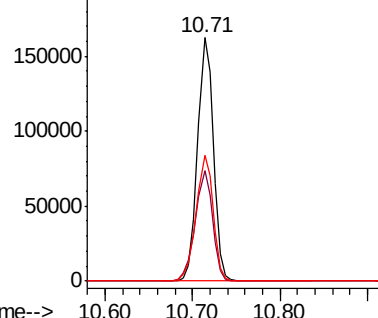


#70
Styrene
Concen: 53.24 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

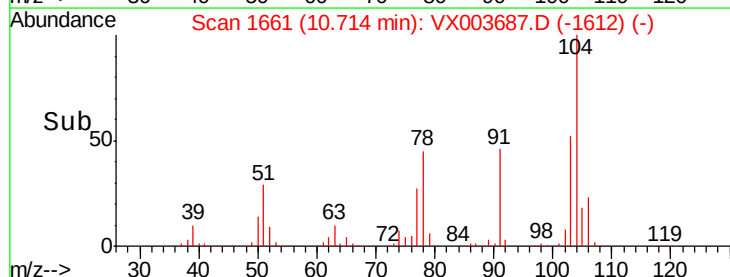
Tgt Ion:104 Resp: 202337
Ion Ratio Lower Upper
104 100
78 49.7 39.2 58.8
103 55.6 44.2 66.4

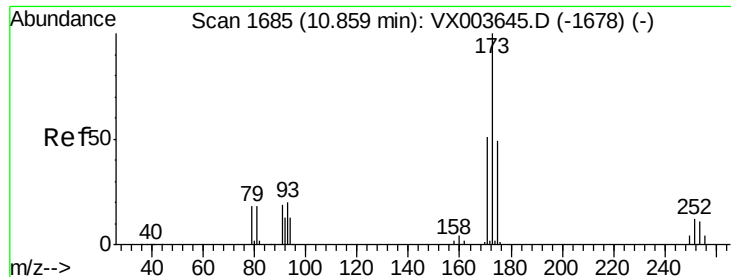


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 52.46 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

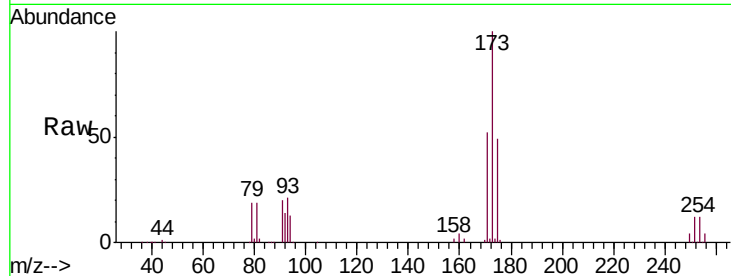
Tot Ion:173 Resp: 52786

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.2

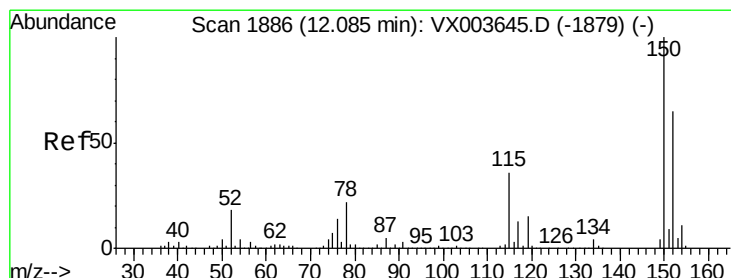
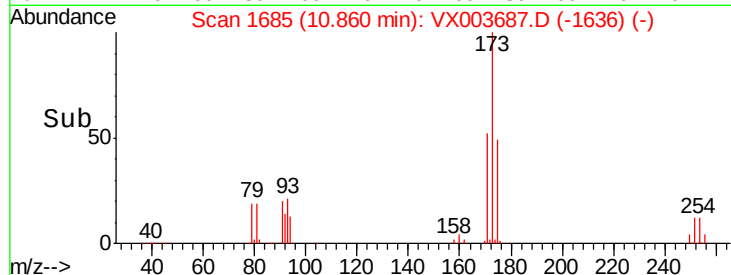
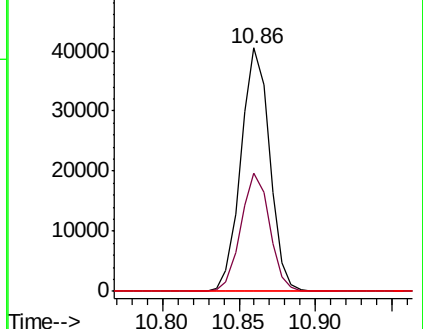
254 0.1 0.0 0.0#



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

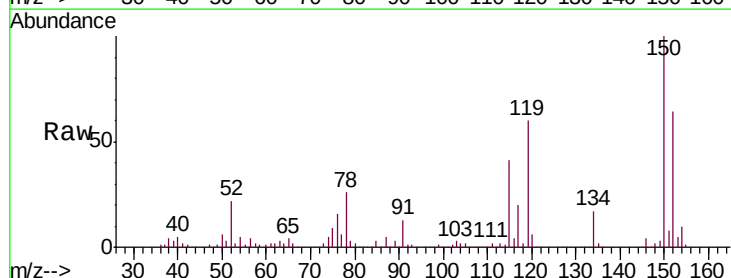
Tgt Ion:152 Resp: 89802

Ion Ratio Lower Upper

152 100

115 80.8 40.0 119.9

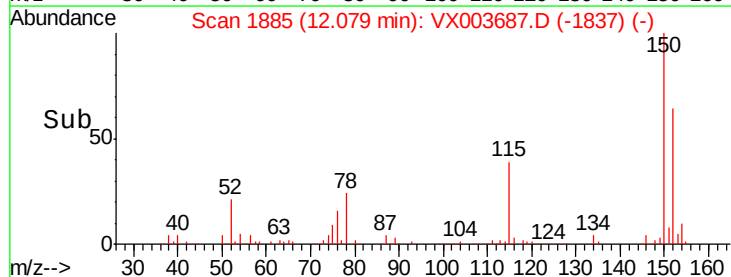
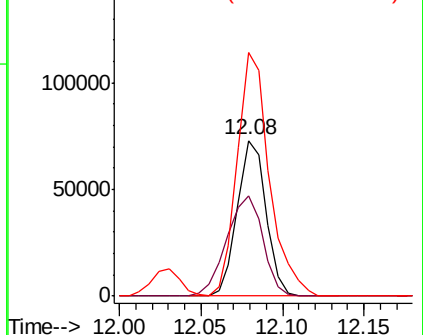
150 175.0 0.0 348.4

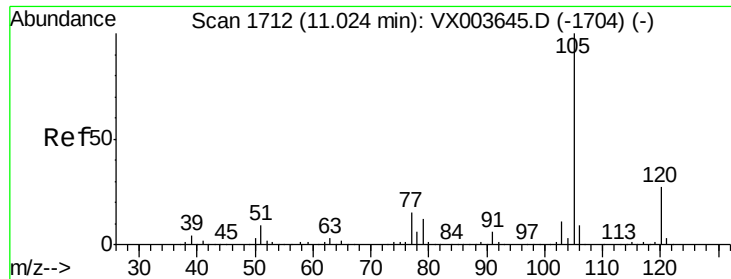


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.17 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampled :

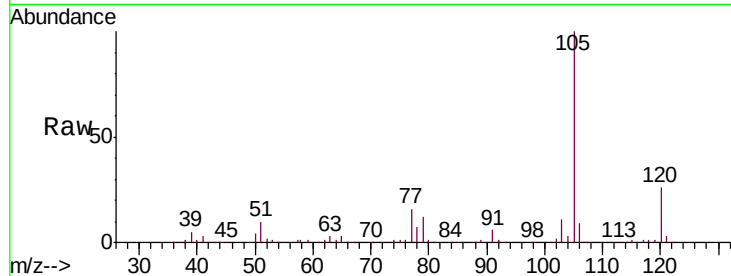
VSTDCCC050

Tot Ion:105 Resp: 320080

Ion Ratio Lower Upper

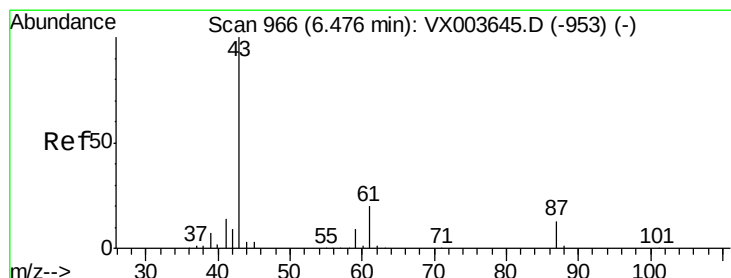
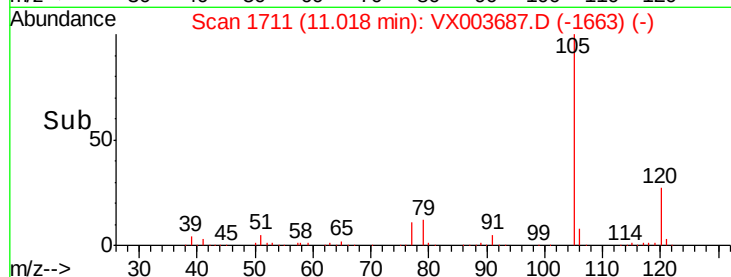
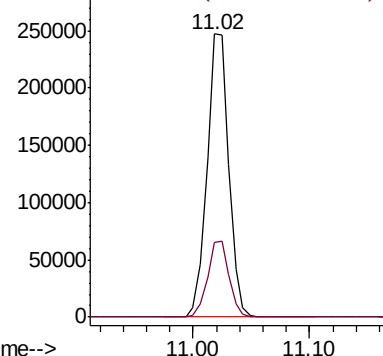
105 100

120 26.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.15 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Tgt Ion: 43 Resp: 157279

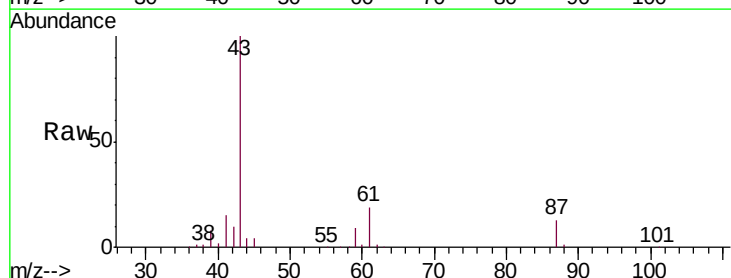
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.8 15.9 23.9

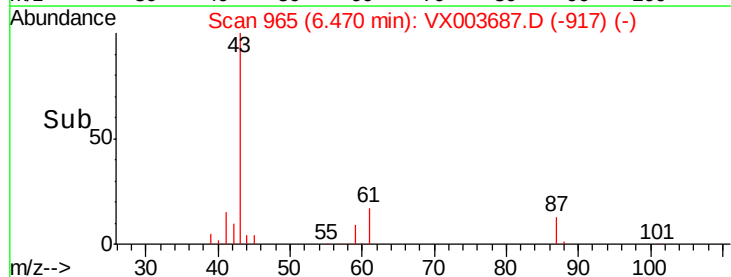
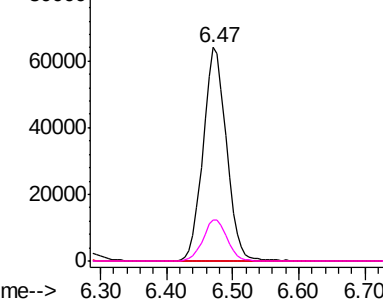


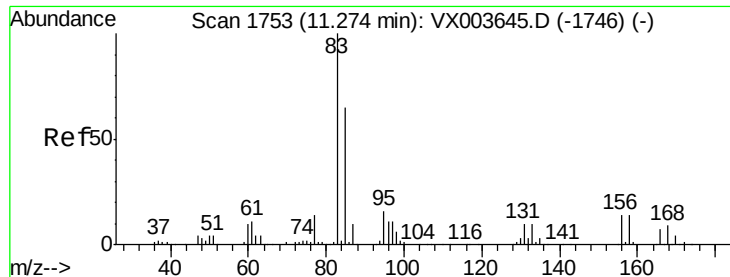
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.00 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

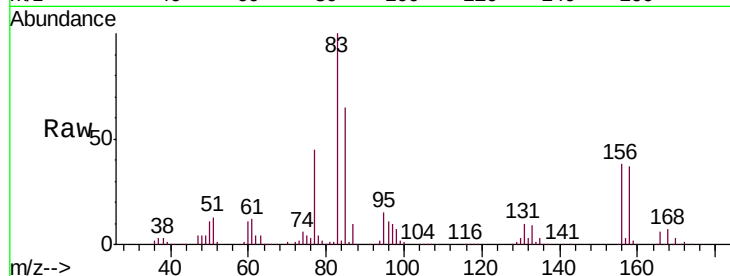
Tot Ion: 83 Resp: 111023

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

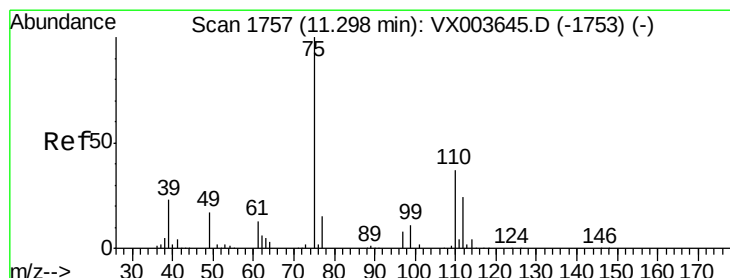
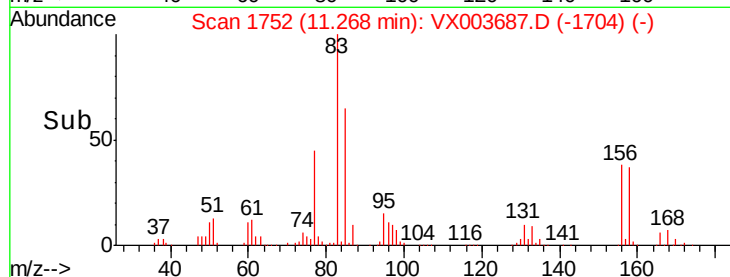
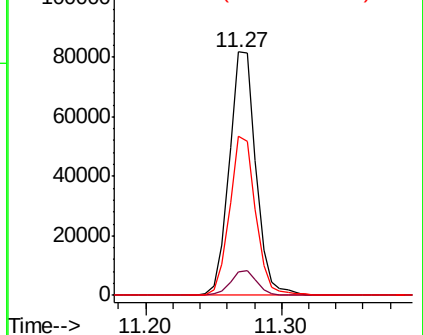
85 64.2 31.9 95.9



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: 66.37 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003687.D

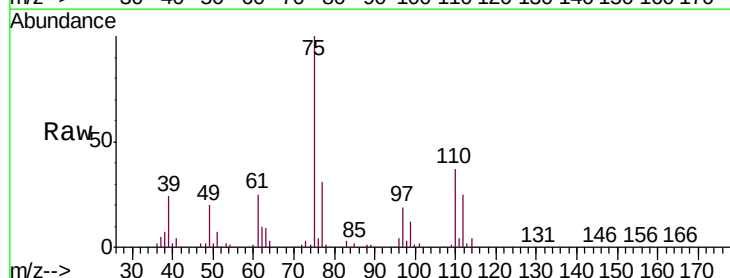
Acq: 26 Jul 2018 23:19

Tgt Ion: 75 Resp: 125010

Ion Ratio Lower Upper

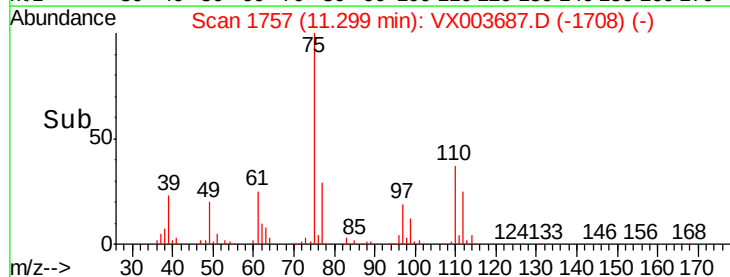
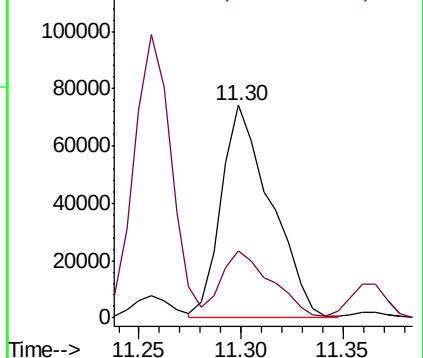
75 100

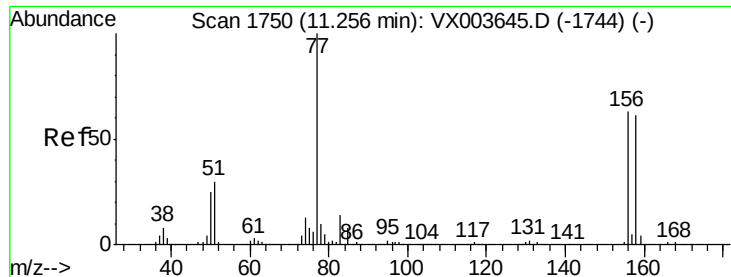
77 31.9 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.54 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

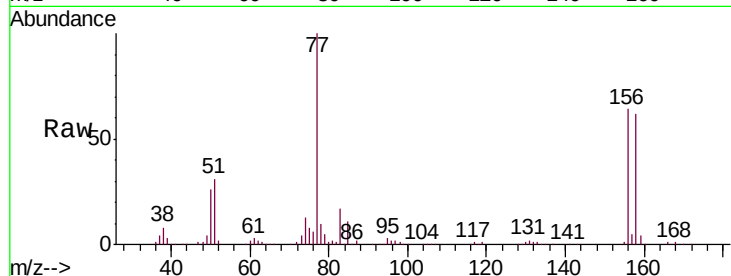
Tot Ion:156 Resp: 82558

Ion Ratio Lower Upper

156 100

77 152.3 74.9 224.6

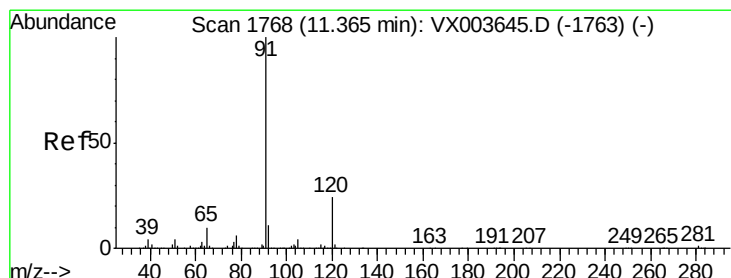
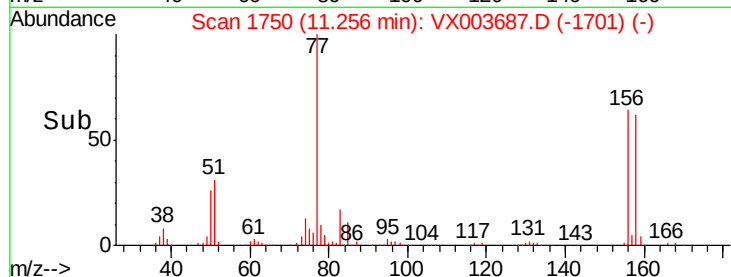
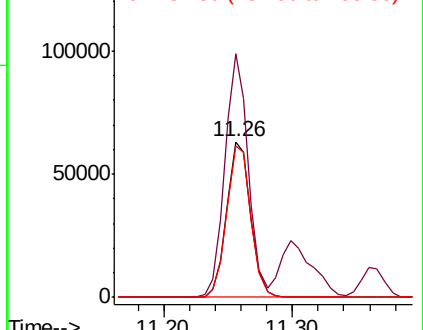
158 97.8 48.4 145.2



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: 53.18 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003687.D

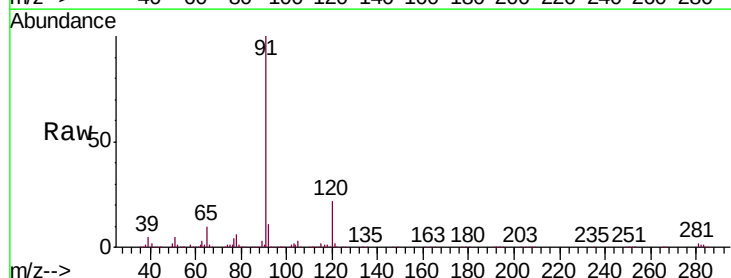
Acq: 26 Jul 2018 23:19

Tgt Ion: 91 Resp: 376742

Ion Ratio Lower Upper

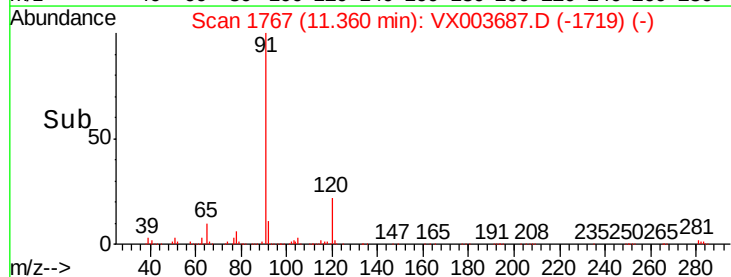
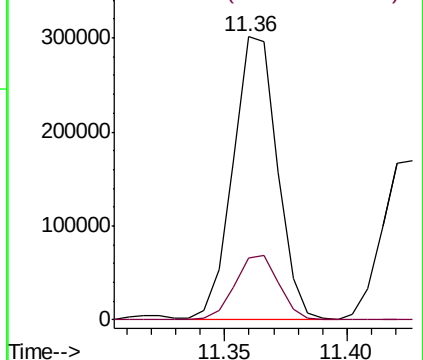
91 100

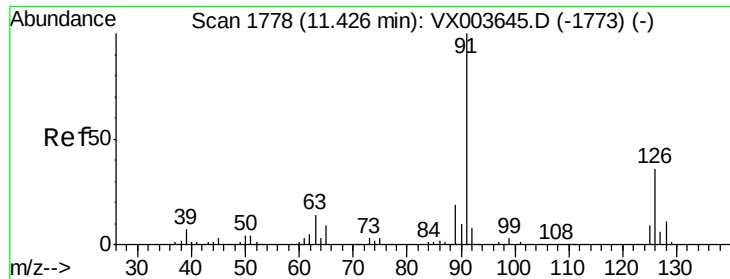
120 23.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.29 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

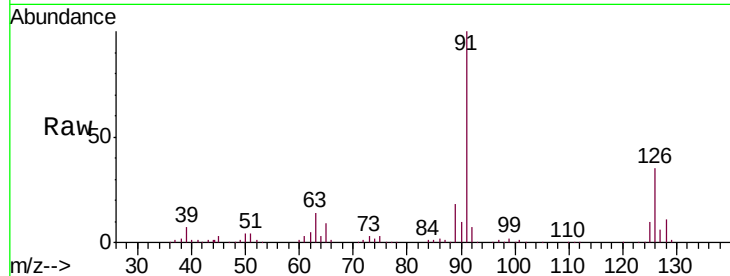
VSTDCCC050

Tot Ion: 91 Resp: 220875

Ion Ratio Lower Upper

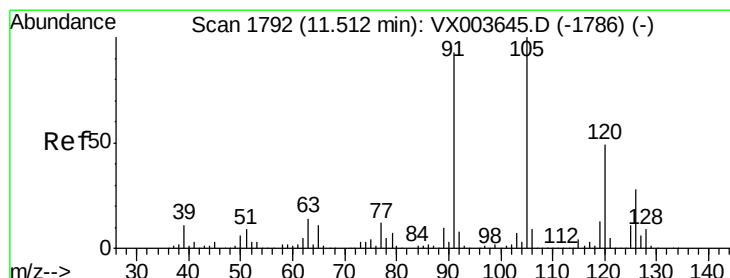
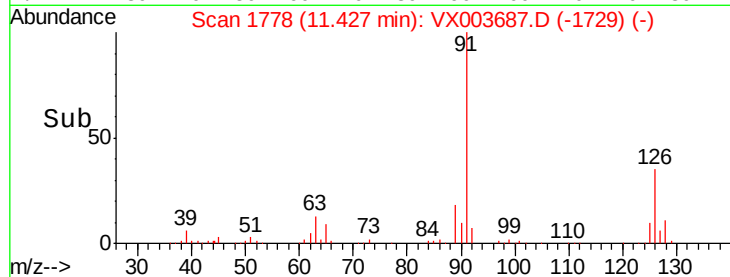
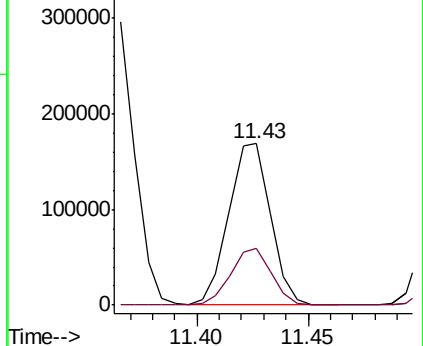
91 100

126 34.5 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.14 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003687.D

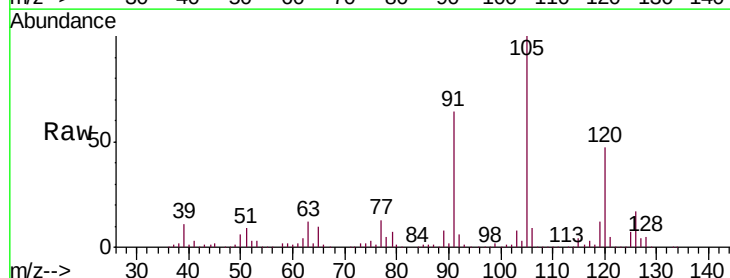
Acq: 26 Jul 2018 23:19

Tgt Ion:105 Resp: 275822

Ion Ratio Lower Upper

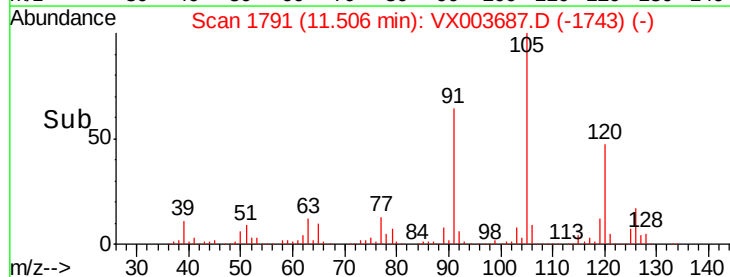
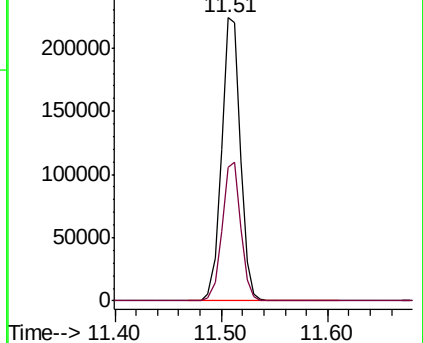
105 100

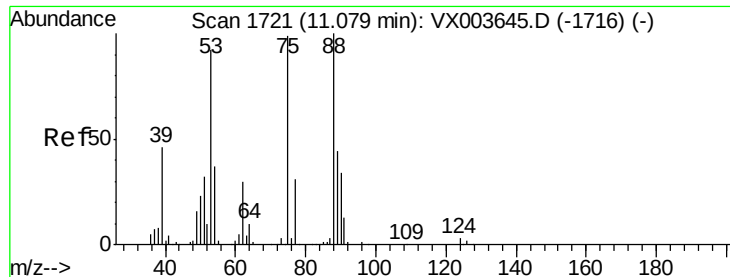
120 48.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.38 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

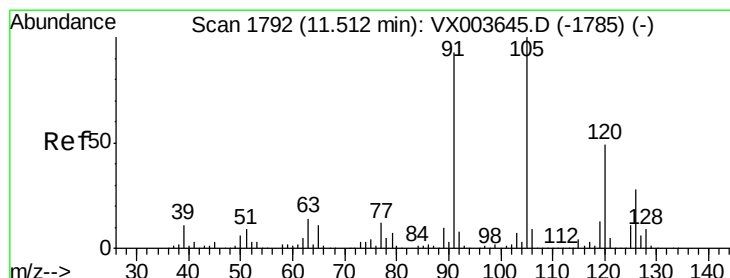
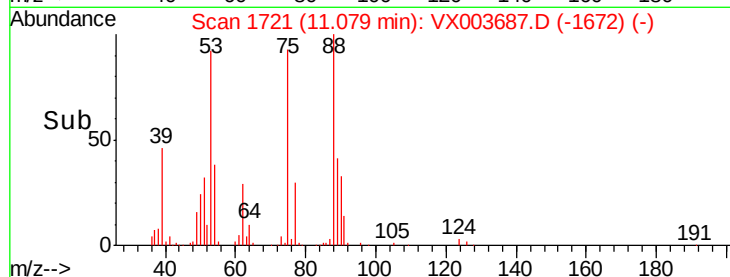
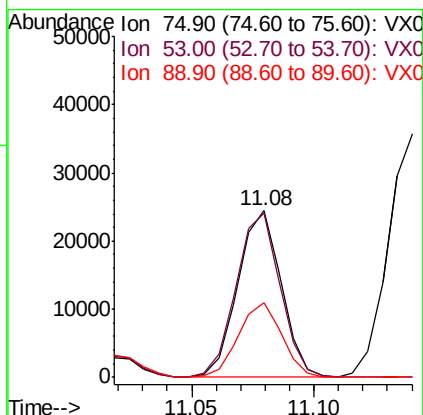
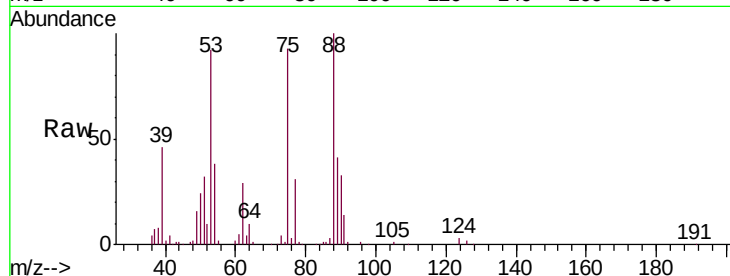
Tot Ion: 75 Resp: 30019

Ion Ratio Lower Upper

75 100

53 100.5 77.8 116.8

89 45.0 36.6 54.8



#82

4-Chlorotoluene

Concen: 51.68 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003687.D

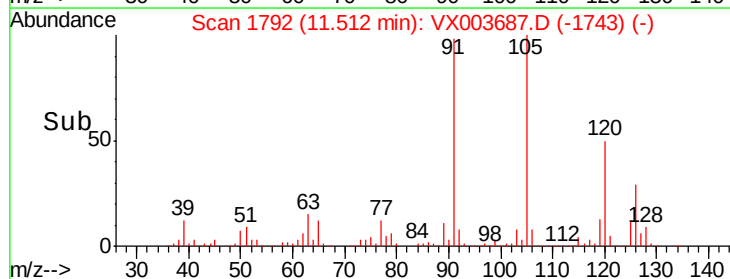
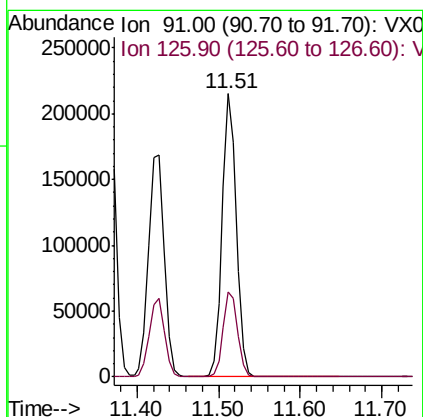
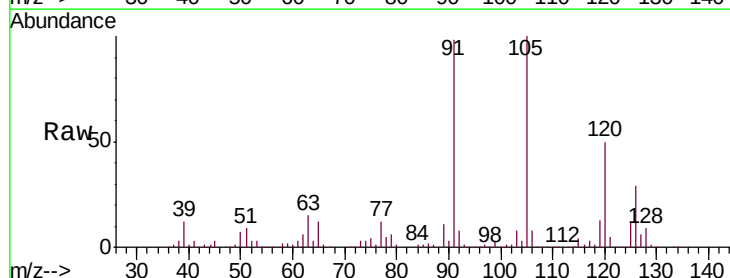
Acq: 26 Jul 2018 23:19

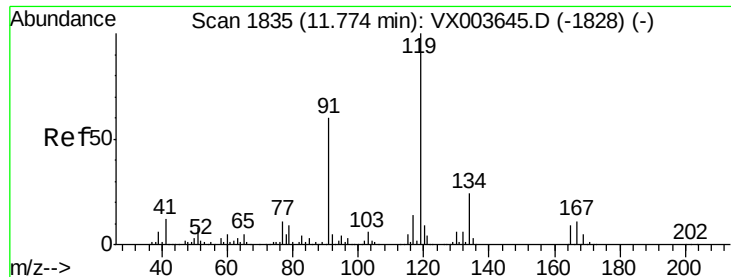
Tgt Ion: 91 Resp: 262115

Ion Ratio Lower Upper

91 100

126 30.5 15.4 46.1

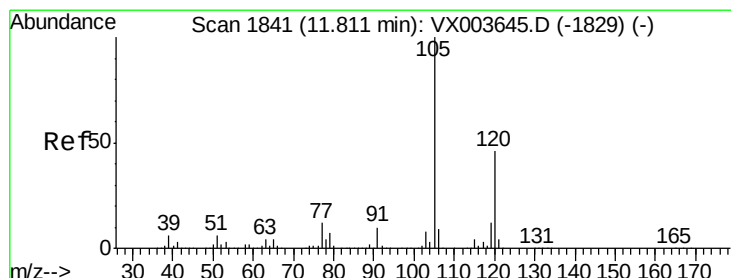
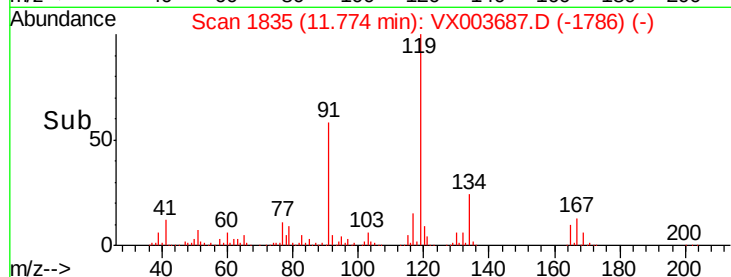
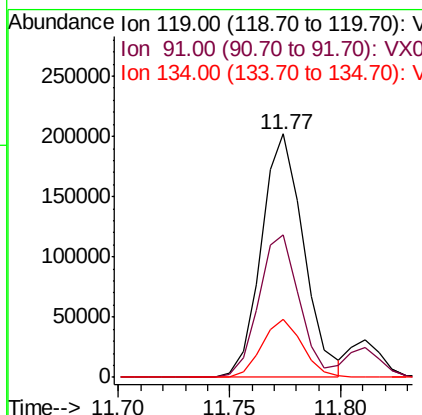
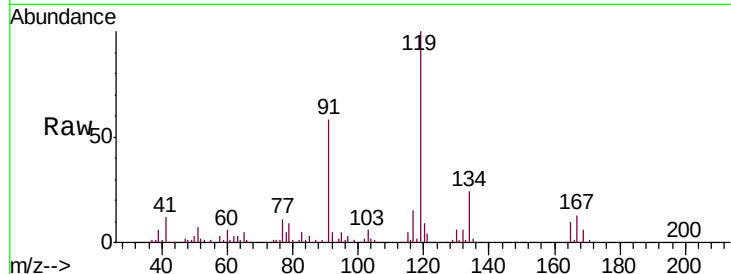




#83
 tert-Butylbenzene
 Concen: 52.45 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

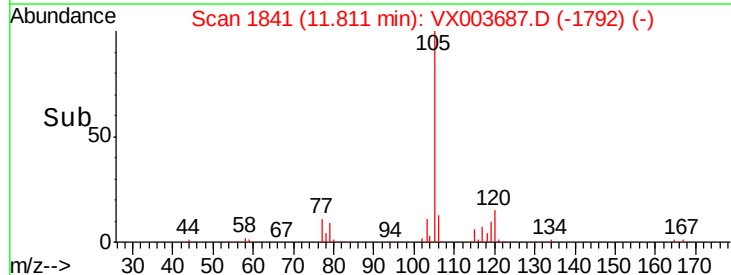
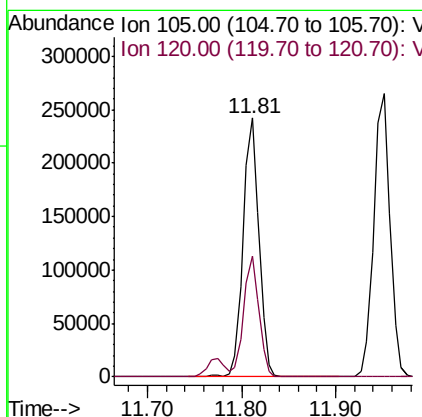
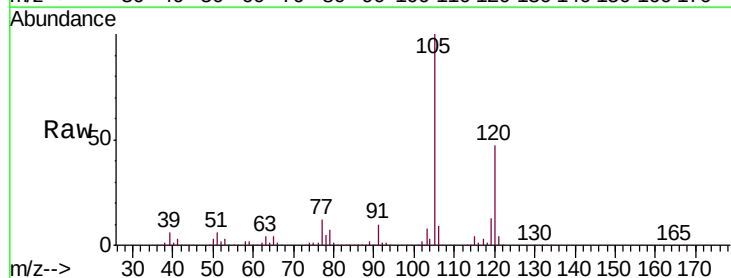
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

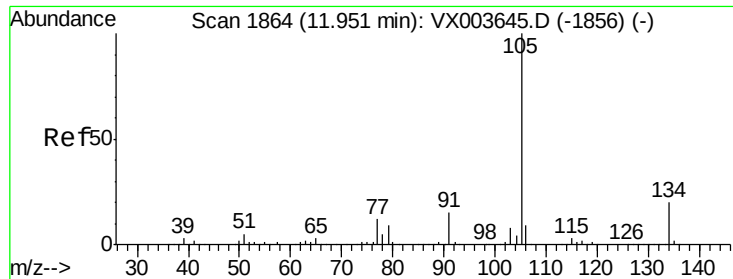
Tot Ion:119 Resp: 266405
 Ion Ratio Lower Upper
 119 100
 91 55.9 28.4 85.2
 134 22.8 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.16 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion:105 Resp: 283636
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.8





#85

sec-Butylbenzene

Concen: 52.59 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

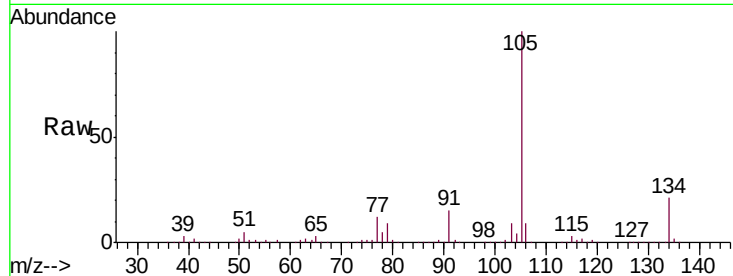
VSTDCCC050

Tot Ion:105 Resp: 318842

Ion Ratio Lower Upper

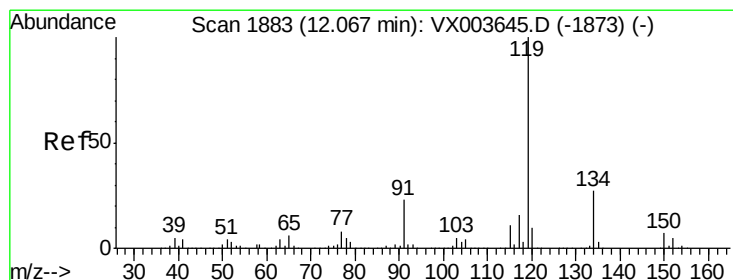
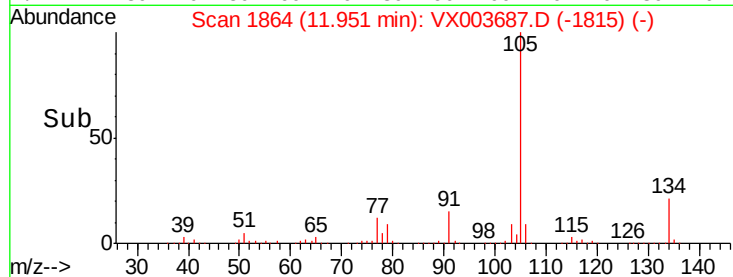
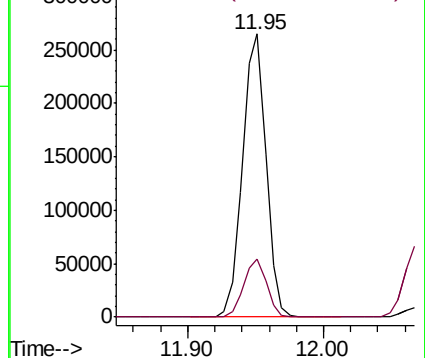
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.85 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

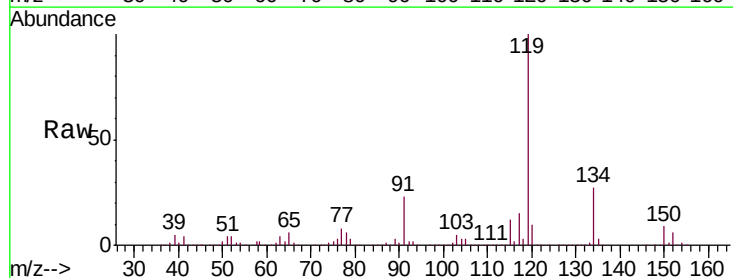
Tgt Ion:119 Resp: 287588

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

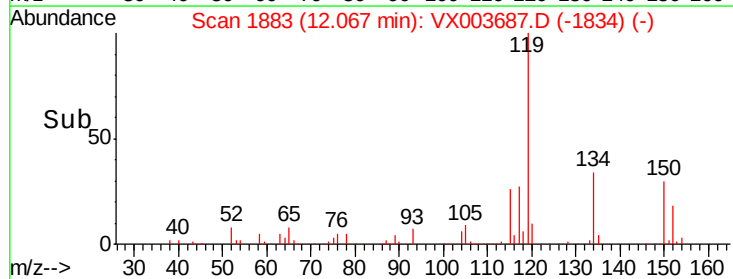
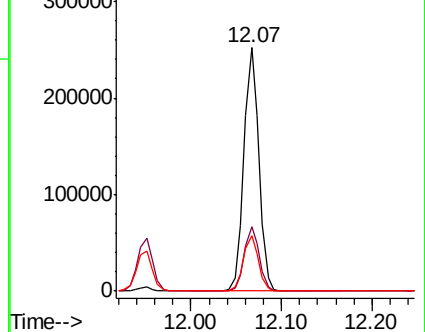
91 23.2 11.5 34.5

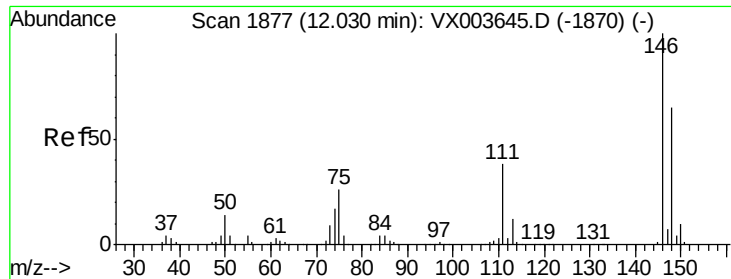


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

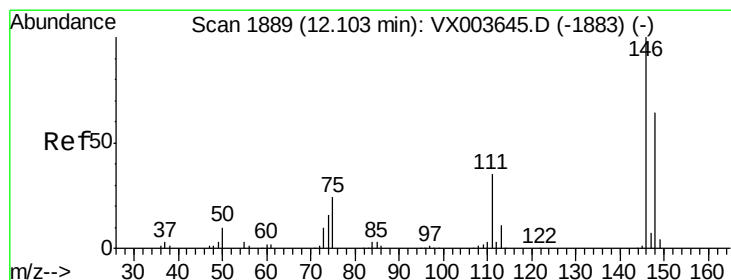
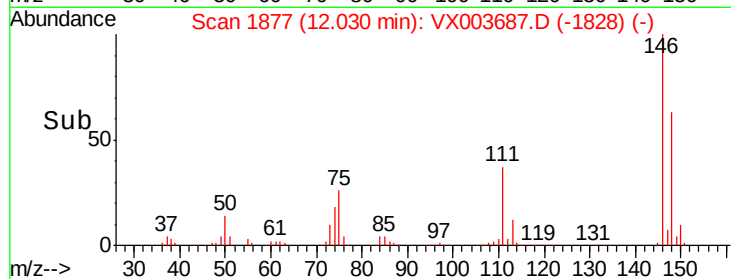
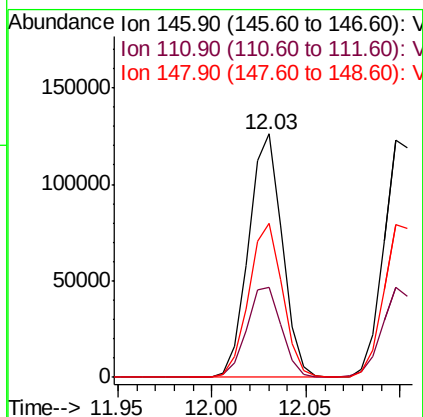
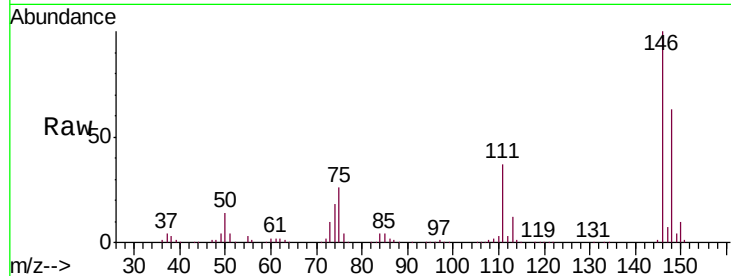




#87
 1,3-Dichlorobenzene
 Concen: 50.27 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

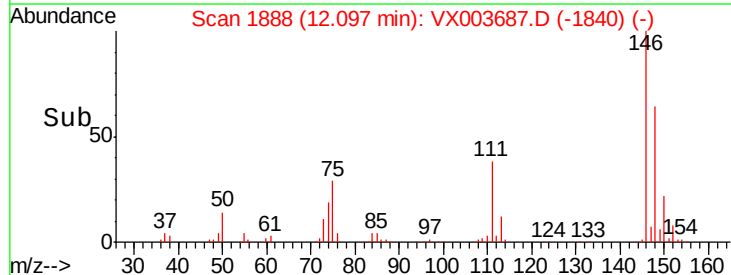
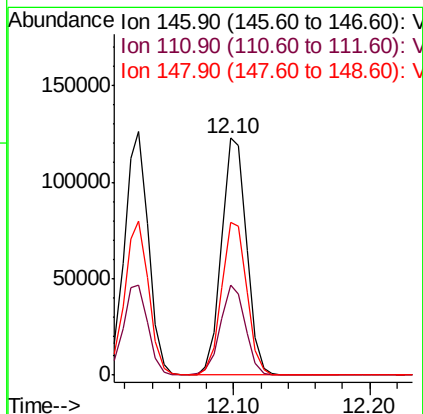
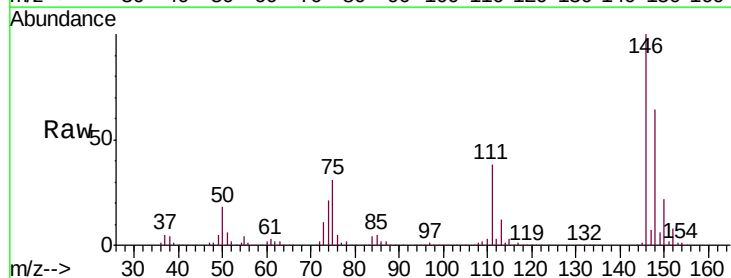
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

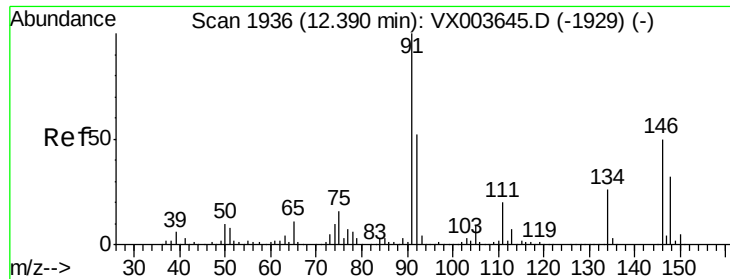
Tot Ion:146 Resp: 156028
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.2
 148 63.4 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 48.52 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion:146 Resp: 156542
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 55.6
 148 64.9 32.0 96.2





#89

n-Butylbenzene

Concen: 51.78 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

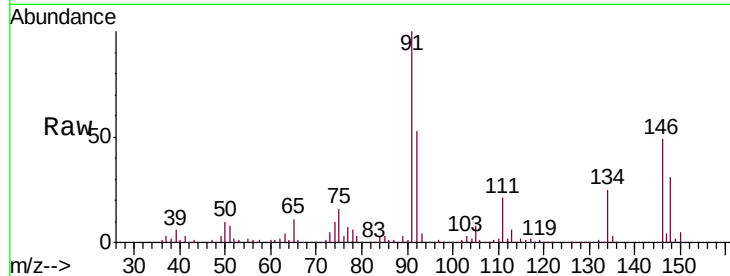
Tot Ion: 91 Resp: 253954

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

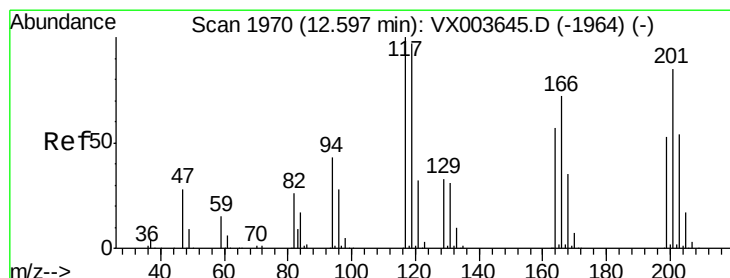
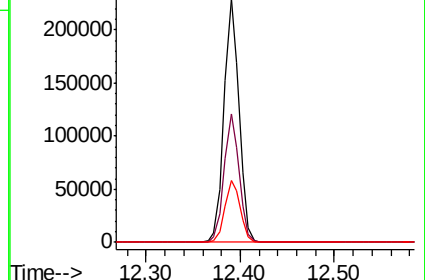
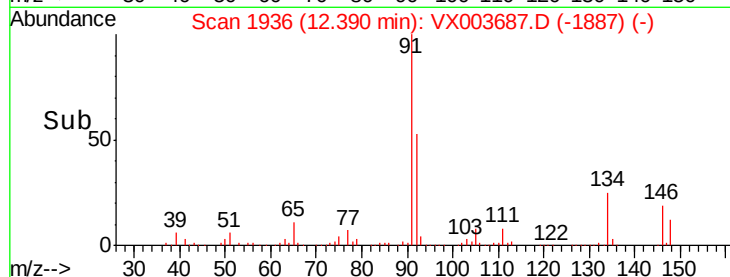
134 25.8 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 55.39 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003687.D

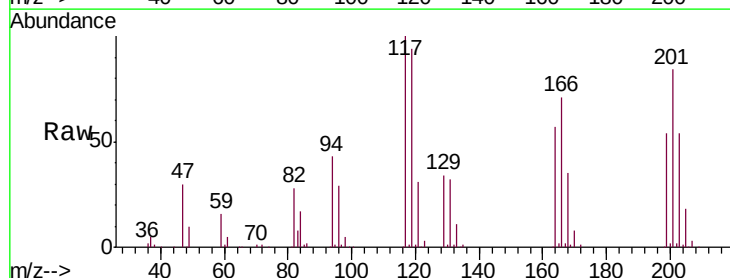
Acq: 26 Jul 2018 23:19

Tgt Ion: 117 Resp: 45648

Ion Ratio Lower Upper

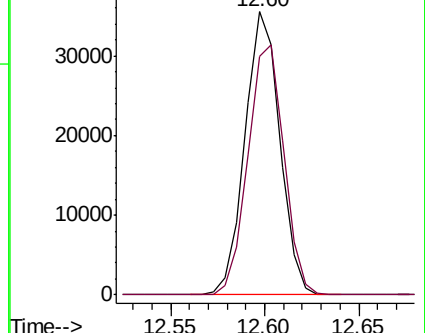
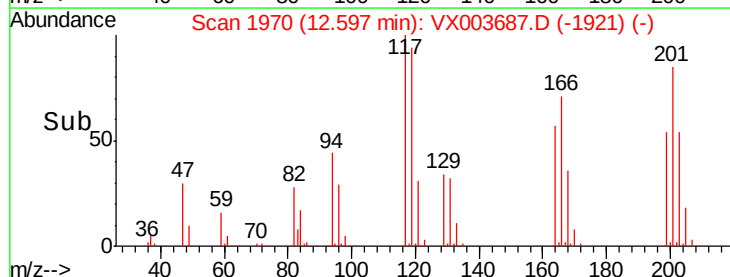
117 100

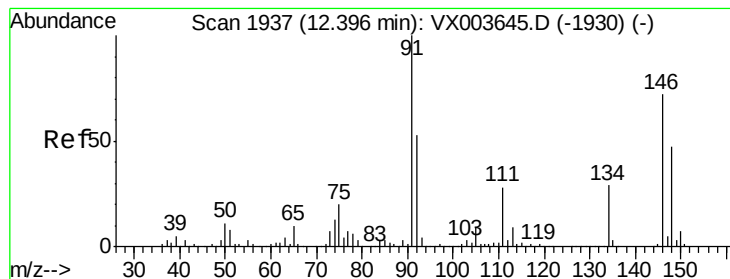
201 91.1 46.2 138.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.79 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

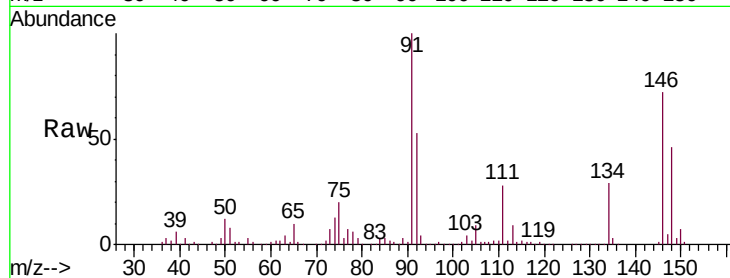
Tot Ion:146 Resp: 157866

Ion Ratio Lower Upper

146 100

111 39.7 19.8 59.4

148 63.7 32.2 96.6

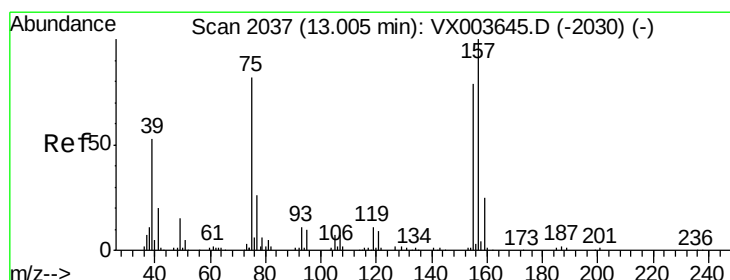
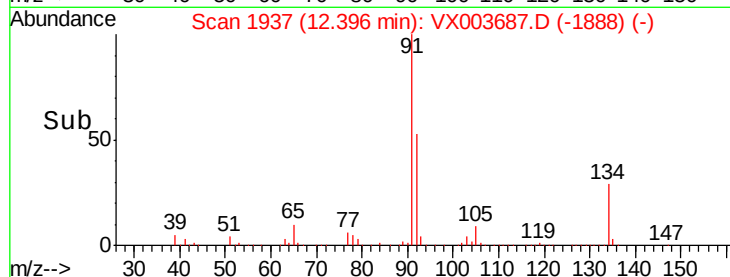
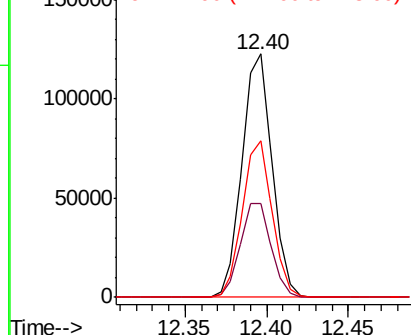


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.56 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

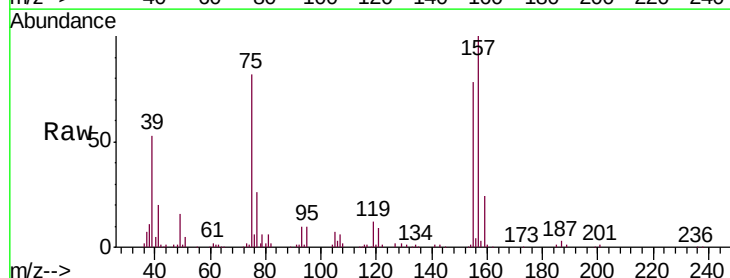
Tgt Ion: 75 Resp: 24788

Ion Ratio Lower Upper

75 100

155 89.3 46.1 138.3

157 115.2 59.7 179.0

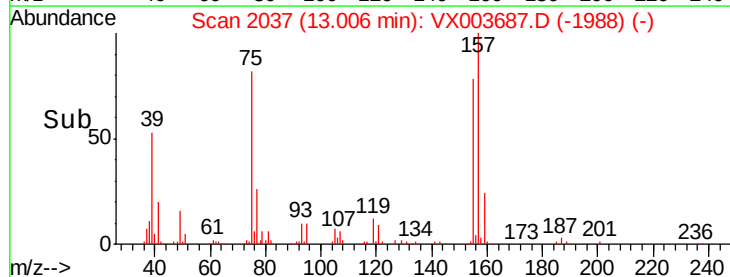
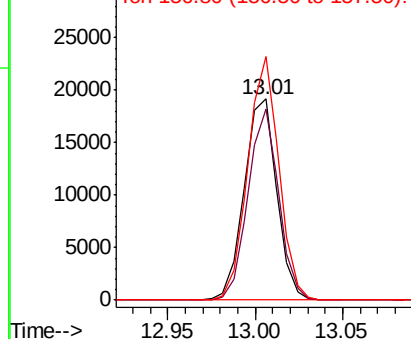


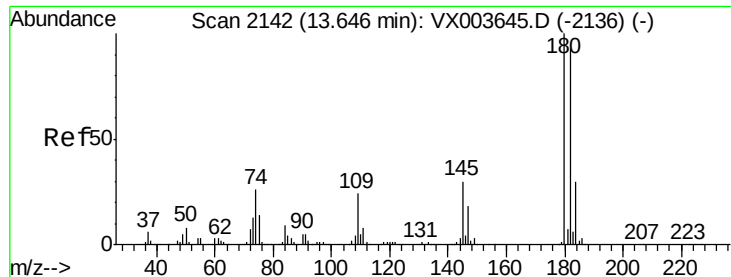
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

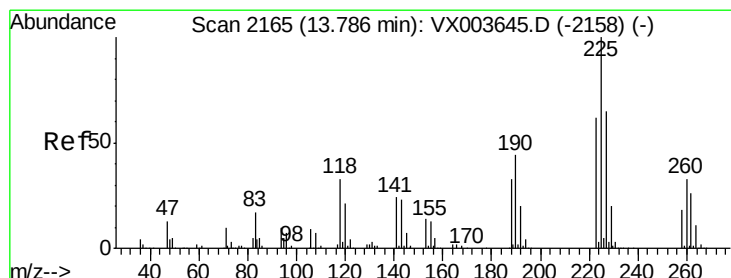
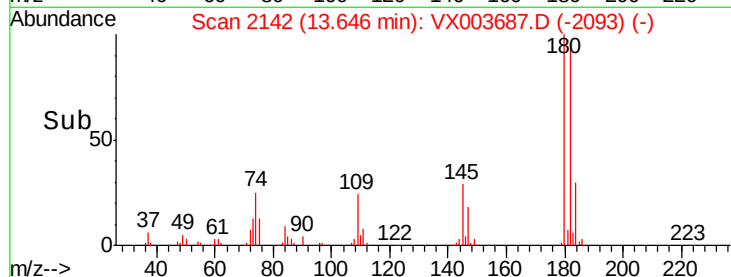
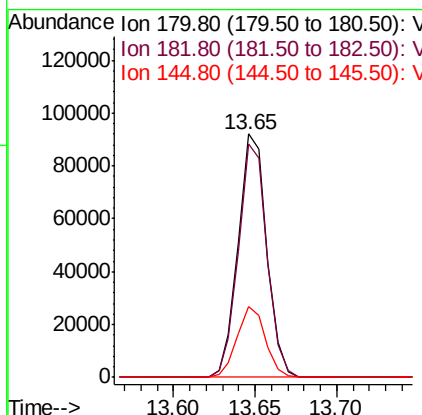
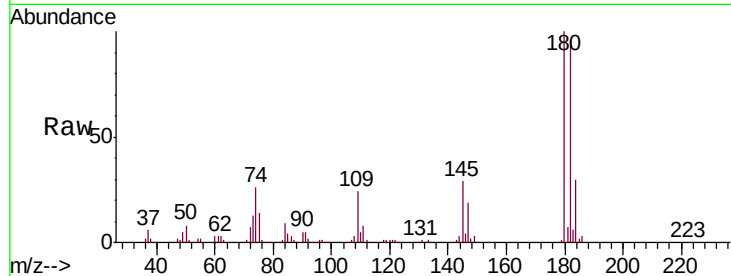




#93
 1,2,4-Trichlorobenzene
 Concen: 49.80 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

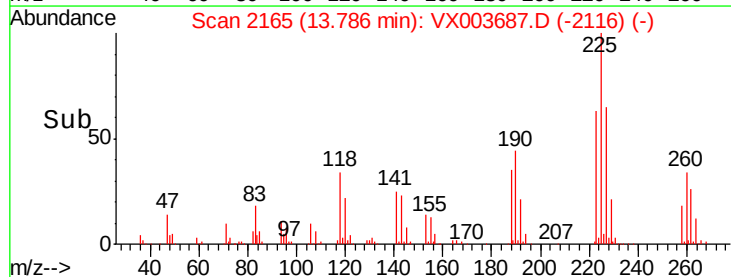
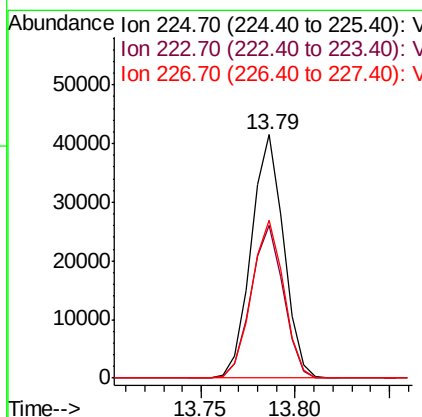
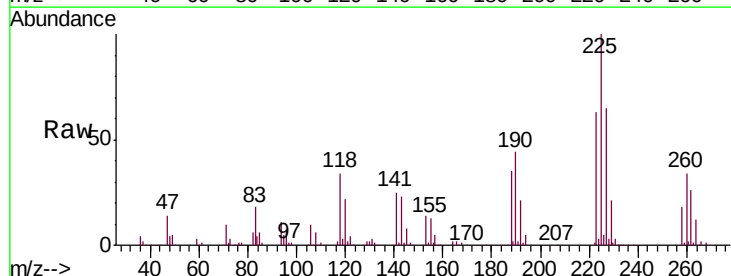
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

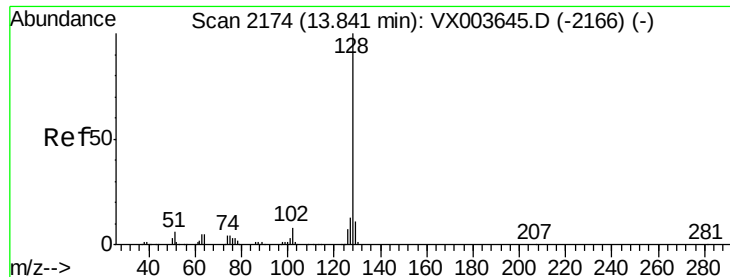
Tot Ion:180 Resp: 112683
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.8
 145 28.7 14.4 43.2



#94
 Hexachlorobutadiene
 Concen: 47.20 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion:225 Resp: 49408
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.9 92.5
 227 64.6 31.9 95.7





#95

Naphthalene

Concen: 52.53 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

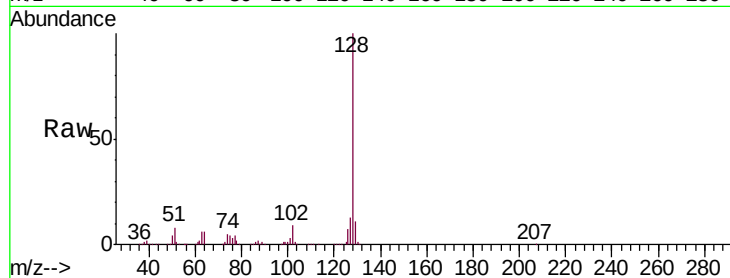
Tot Ion:128 Resp: 359501

Ion Ratio Lower Upper

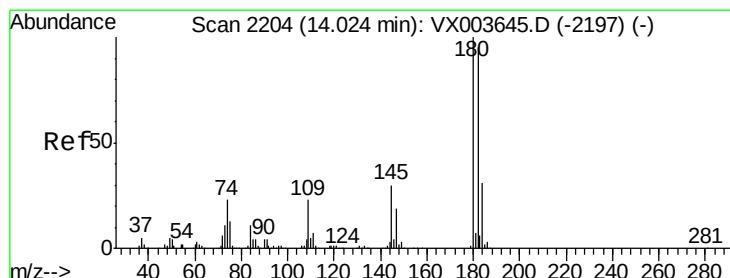
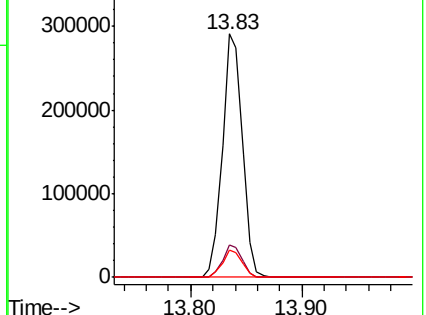
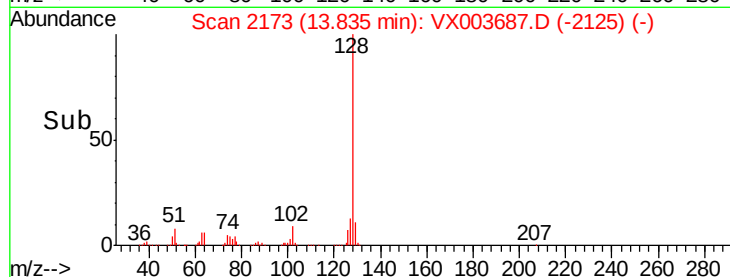
128 100

127 13.0 10.4 15.6

129 11.0 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 50.88 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

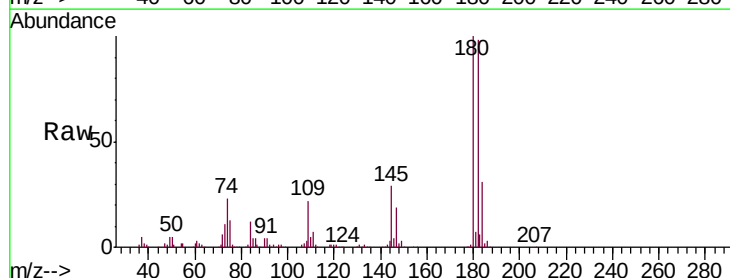
Tgt Ion:180 Resp: 116936

Ion Ratio Lower Upper

180 100

182 96.6 47.6 142.8

145 30.4 15.0 45.1



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

