

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003685.D
 Acq On : 26 Jul 2018 21:59
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 27 05:38:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	110899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	165966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	157246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98072	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	80907	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	5.51	113	64849	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	8.72	98	252293	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.14	95	92625	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	54870	43.44	ug/l	99
3) Chloromethane	1.32	50	74921	45.03	ug/l	100
4) Vinyl Chloride	1.40	62	79240	46.57	ug/l	97
5) Bromomethane	1.64	94	42253	51.42	ug/l	94
6) Chloroethane	1.72	64	54400	47.29	ug/l	99
7) Trichlorofluoromethane	1.92	101	105986	48.39	ug/l	96
8) Diethyl Ether	2.19	74	45263	47.16	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	64901	48.14	ug/l	98
10) Methyl Iodide	2.51	142	88379	48.72	ug/l	99
11) Tert butyl alcohol	3.09	59	94653	241.05	ug/l	100
12) 1,1-Dichloroethene	2.37	96	60605	47.25	ug/l	94
13) Acrolein	2.29	56	41750	210.91	ug/l	98
14) Allyl chloride	2.73	41	124694	46.63	ug/l	98
15) Acrylonitrile	3.15	53	224661	236.79	ug/l	100
16) Acetone	2.45	43	185987	240.99	ug/l	90
17) Carbon Disulfide	2.57	76	170391	46.18	ug/l	100
18) Methyl Acetate	2.78	43	116160	49.83	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	219041	48.35	ug/l	99
20) Methylene Chloride	2.86	84	73228	47.89	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	65757	47.67	ug/l	99
22) Diisopropyl ether	3.88	45	238849	48.92	ug/l	92
23) Vinyl Acetate	3.83	43	1020622	244.04	ug/l	100
24) 1,1-Dichloroethane	3.70	63	131703	47.86	ug/l	99
25) 2-Butanone	4.71	43	286499	240.30	ug/l	100
26) 2,2-Dichloropropane	4.59	77	67924	39.04	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	70796	47.27	ug/l	97
28) Bromochloromethane	5.02	49	49406	44.74	ug/l	97
29) Tetrahydrofuran	5.17	42	189144	243.71	ug/l	99
30) Chloroform	5.22	83	120309	48.20	ug/l	99
31) Cyclohexane	5.57	56	107634	48.73	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	102541	49.47	ug/l	99
36) 1,1-Dichloropropene	5.80	75	89630	46.20	ug/l	100
37) Ethyl Acetate	4.87	43	106107	45.49	ug/l	100
38) Carbon Tetrachloride	5.78	117	90043	48.16	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103848	48.63	ug/l	98
40) Benzene	6.15	78	278401	48.49	ug/l	100
41) Methacrylonitrile	5.07	41	59309	45.91	ug/l	99
42) 1,2-Dichloroethane	6.20	62	96616	47.82	ug/l	100
43) Isopropyl Acetate	6.48	43	162522	47.76	ug/l	99
44) Trichloroethene	7.22	130	72906	47.37	ug/l	89
45) 1,2-Dichloropropane	7.52	63	74231	50.02	ug/l	97
46) Dibromomethane	7.67	93	46576	48.86	ug/l	98
47) Bromodichloromethane	7.90	83	89311	49.97	ug/l	98
48) Methyl methacrylate	7.78	41	85932	49.76	ug/l	100
49) 1,4-Dioxane	7.76	88	38652	1003.26	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	565095	246.11	ug/l	100
52) Toluene	8.79	92	174308	48.85	ug/l	99
53) t-1,3-Dichloropropene	9.05	75	97061	49.05	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	106548	48.93	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	71811	49.23	ug/l	99
56) Ethyl methacrylate	9.18	69	110836	51.06	ug/l	100
57) 1,3-Dichloropropane	9.38	76	119902	48.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	282040	258.56	ug/l	100
59) 2-Hexanone	9.50	43	436335	247.73	ug/l	100
60) Dibromochloromethane	9.59	129	71496	51.68	ug/l	100
61) 1,2-Dibromoethane	9.68	107	74410	48.99	ug/l	99
64) Tetrachloroethene	9.34	164	68263	47.48	ug/l	98
65) Chlorobenzene	10.14	112	193944	49.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	69279	50.36	ug/l	99
67) Ethyl Benzene	10.26	91	334101	50.44	ug/l	100
68) m/p-Xylenes	10.36	106	260940	102.68	ug/l	100
69) o-Xylene	10.70	106	125663	51.37	ug/l	100
70) Styrene	10.71	104	213599	51.98	ug/l	100
71) Bromoform	10.86	173	56236	51.69	ug/l #	99
73) Isopropylbenzene	11.02	105	338383	50.50	ug/l	99
74) N-amyl acetate	6.48	43	162522	46.51	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	116217	46.97	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	130534	63.46	ug/l	83
77) Bromobenzene	11.26	156	88542	48.65	ug/l	100
78) n-propylbenzene	11.36	91	394891	51.04	ug/l	100
79) 2-Chlorotoluene	11.42	91	232229	49.38	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	290254	51.20	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	31839	47.96	ug/l	99
82) 4-Chlorotoluene	11.51	91	274925	49.63	ug/l	100
83) tert-Butylbenzene	11.77	119	280747	50.61	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	296032	50.81	ug/l	100
85) sec-Butylbenzene	11.95	105	337004	50.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	302054	50.83	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	164717	48.60	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	167907	47.65	ug/l	100
89) n-Butylbenzene	12.39	91	263716	49.24	ug/l	100
90) Hexachloroethane	12.60	117	47572	52.86	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	167755	48.44	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	26051	50.58	ug/l	99

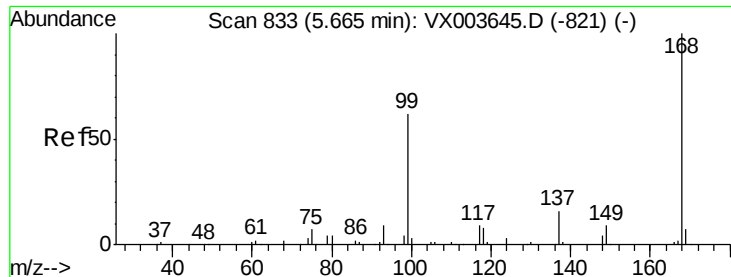
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	119788	48.48	ug/l	99
94) Hexachlorobutadiene	13.79	225	53253	46.58	ug/l	99
95) Naphthalene	13.83	128	382665	51.20	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125175	49.87	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

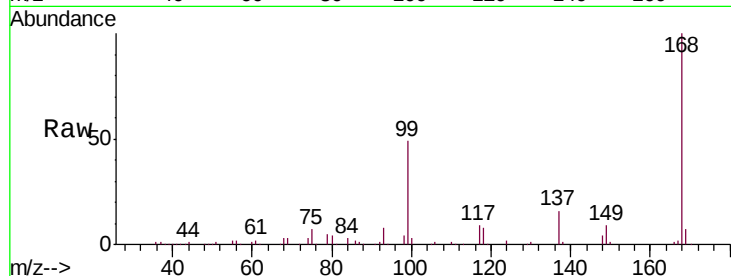
VSTDCCC050EC

Tot Ion:168 Resp: 110899

Ion Ratio Lower Upper

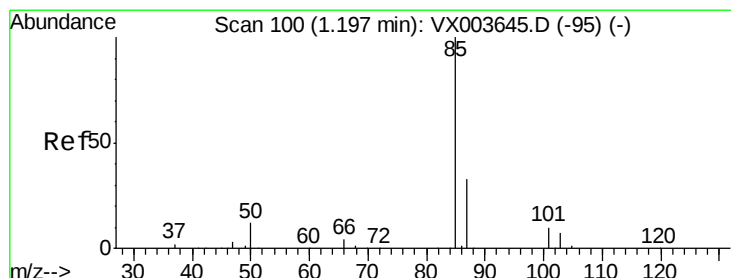
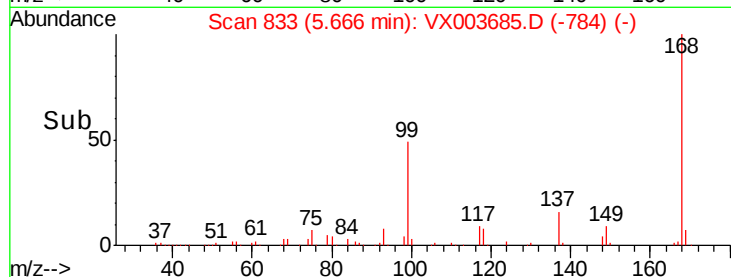
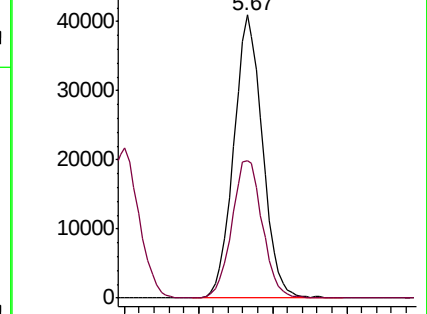
168 100

99 48.6 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: 43.44 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003685.D

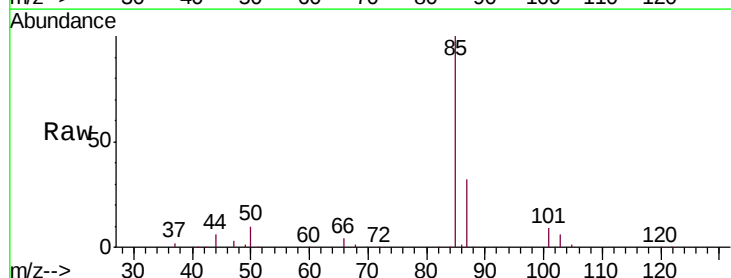
Acq: 26 Jul 2018 21:59

Tgt Ion: 85 Resp: 54870

Ion Ratio Lower Upper

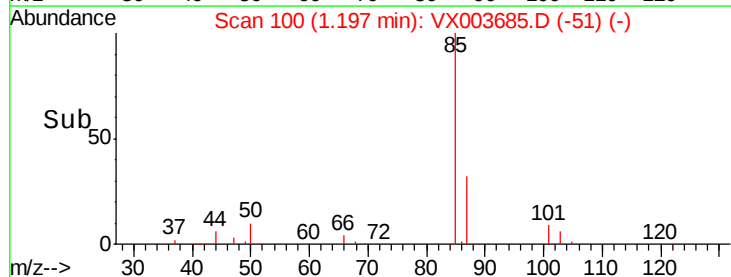
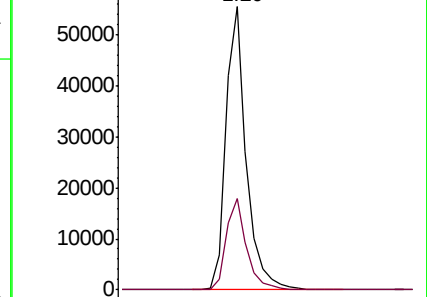
85 100

87 32.2 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: 45.03 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

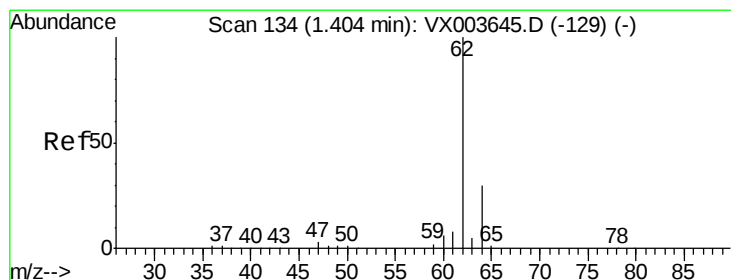
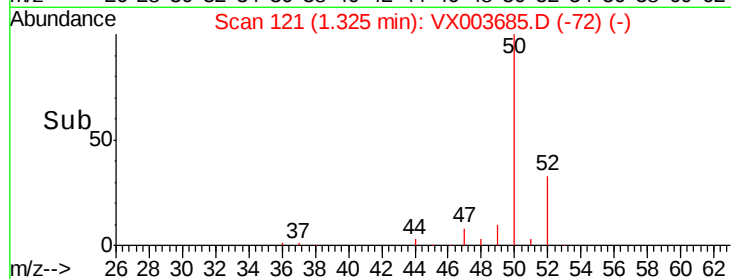
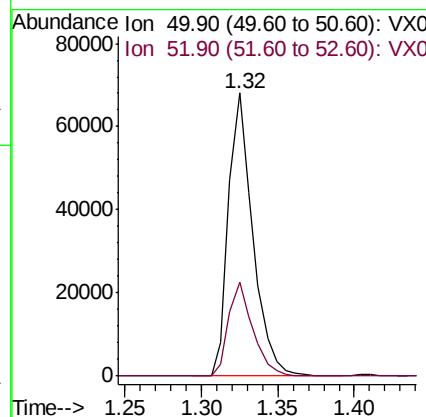
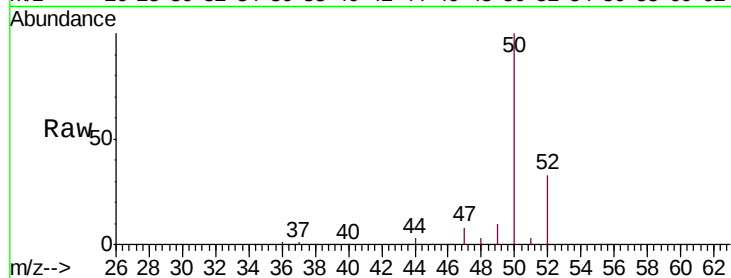
VSTDCCC050EC

Tot Ion: 50 Resp: 74921

Ion Ratio Lower Upper

50 100

52 33.2 26.3 39.5



#4

Vinyl Chloride

Concen: 46.57 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003685.D

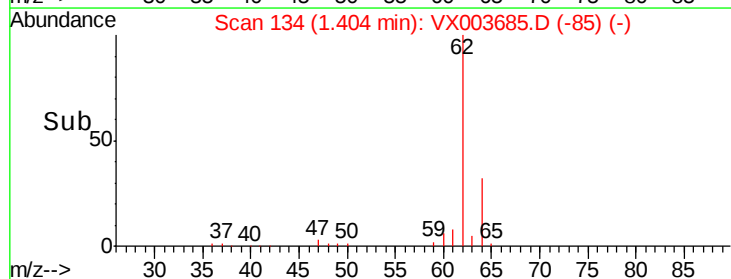
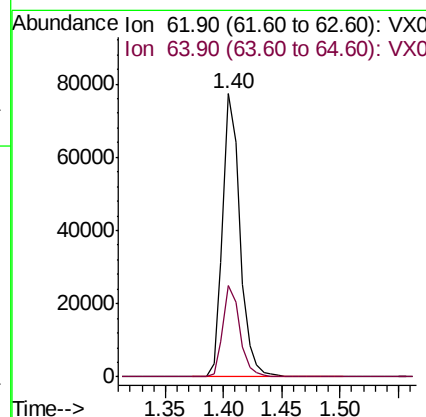
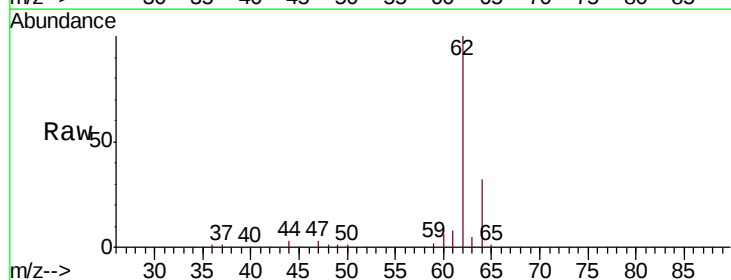
Acq: 26 Jul 2018 21:59

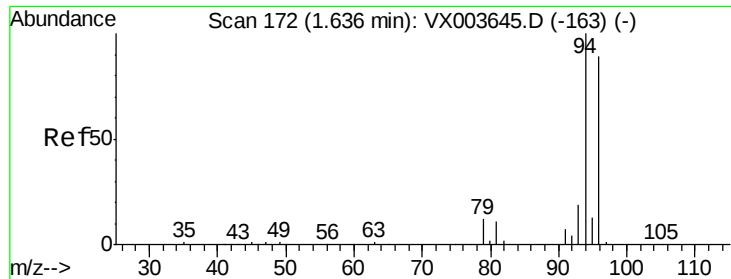
Tgt Ion: 62 Resp: 79240

Ion Ratio Lower Upper

62 100

64 32.1 24.4 36.6





#5

Bromomethane

Concen: 51.42 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

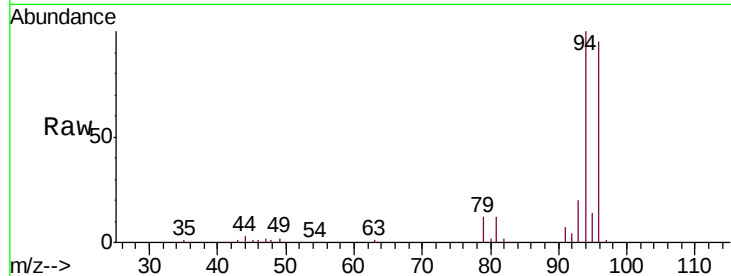
VSTDCCC050EC

Tot Ion: 94 Resp: 42253

Ion Ratio Lower Upper

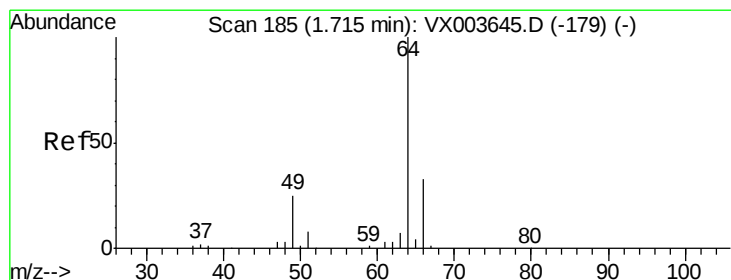
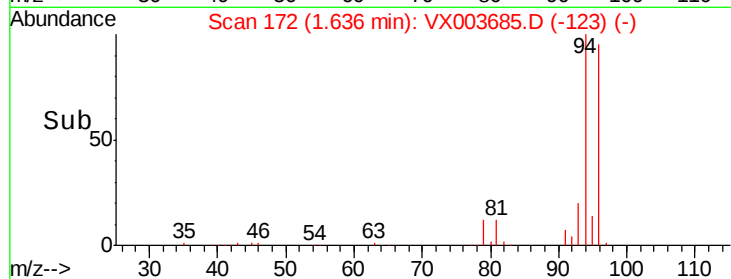
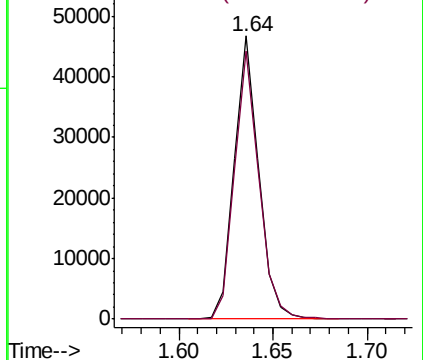
94 100

96 94.6 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: 47.29 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003685.D

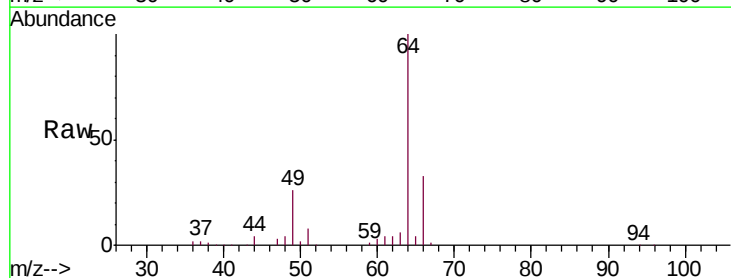
Acq: 26 Jul 2018 21:59

Tgt Ion: 64 Resp: 54400

Ion Ratio Lower Upper

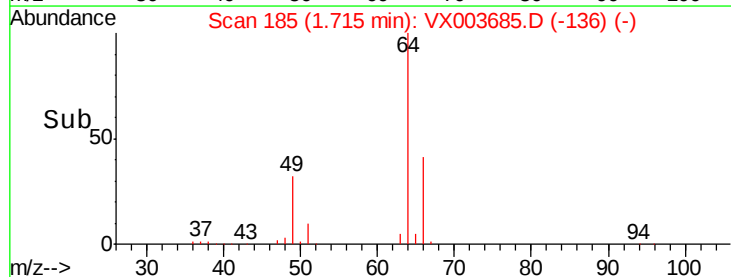
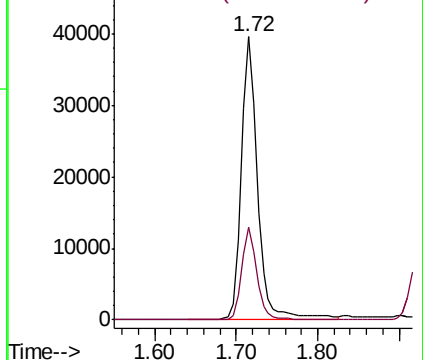
64 100

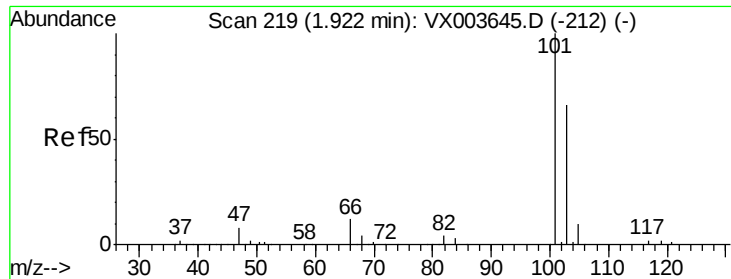
66 32.6 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



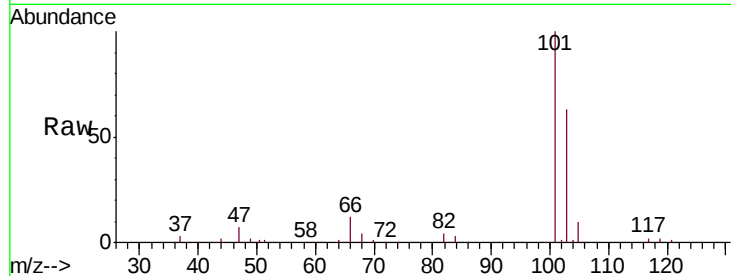


#7

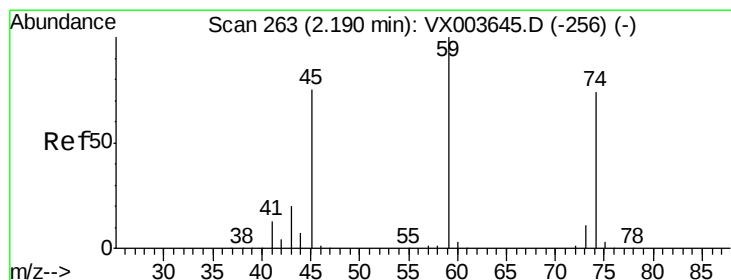
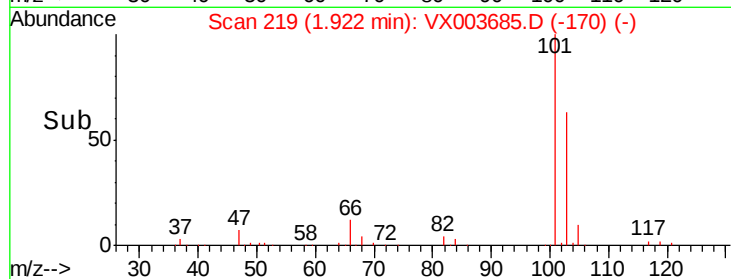
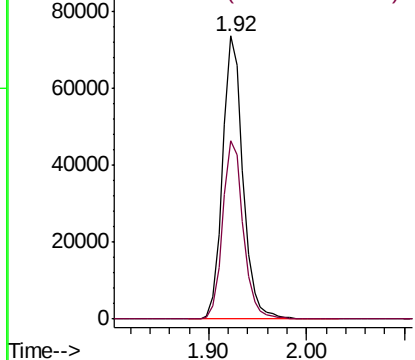
Trichlorofluoromethane
Concen: 48.39 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 105986
Ion Ratio Lower Upper
101 100
103 63.2 53.2 79.8



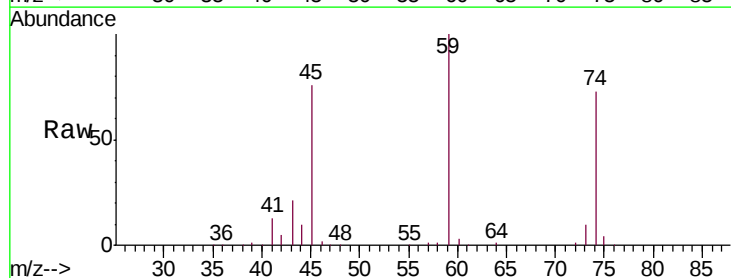
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



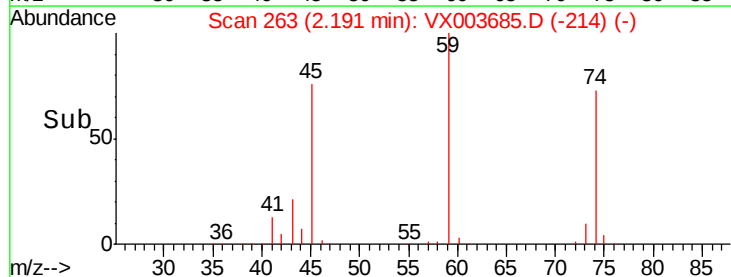
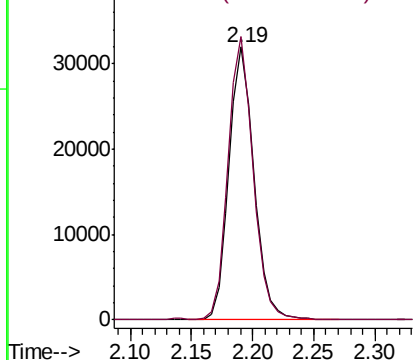
#8

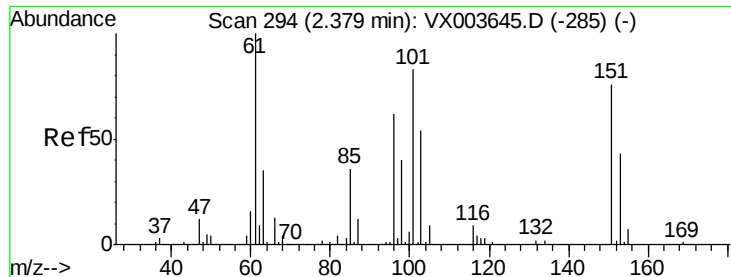
Diethyl Ether
Concen: 47.16 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 74 Resp: 45263
Ion Ratio Lower Upper
74 100
45 102.8 51.0 153.1



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

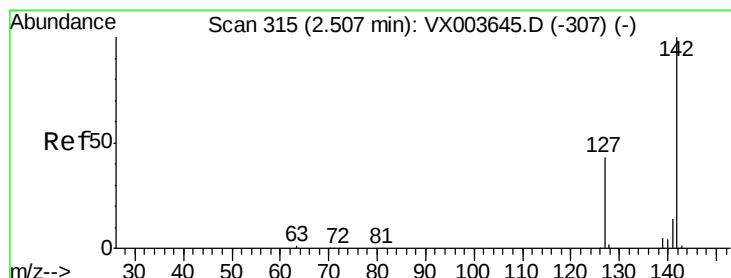
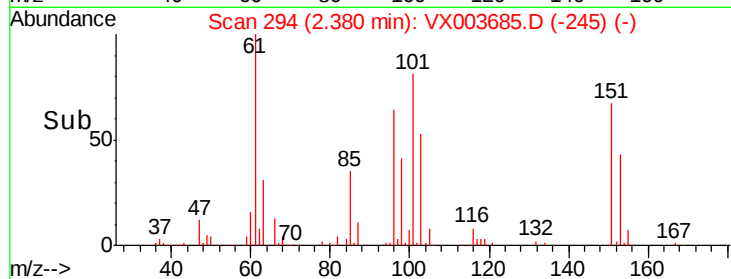
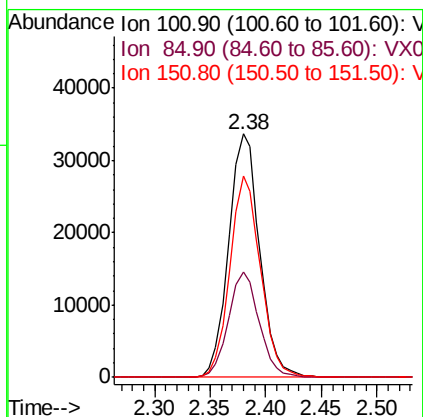
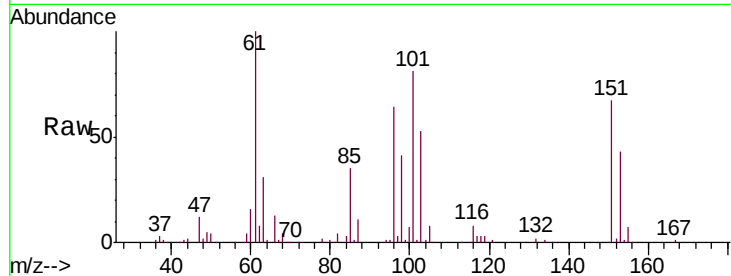




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.14 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX003685.D
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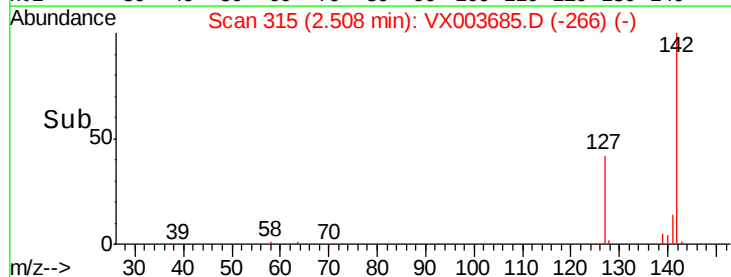
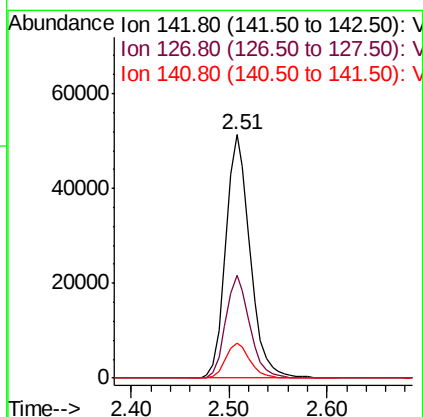
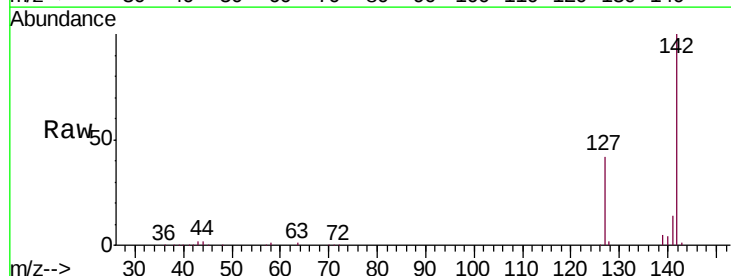
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

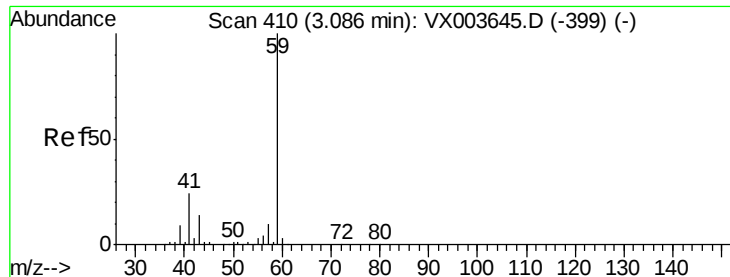
Tot Ion:101 Resp: 64901
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.6 52.0
 151 81.5 67.5 101.3



#10
 Methyl Iodide
 Concen: 48.72 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX003685.D
 Acq: 26 Jul 2018 21:59

Tgt Ion:142 Resp: 88379
 Ion Ratio Lower Upper
 142 100
 127 41.9 34.0 51.0
 141 14.3 11.3 16.9

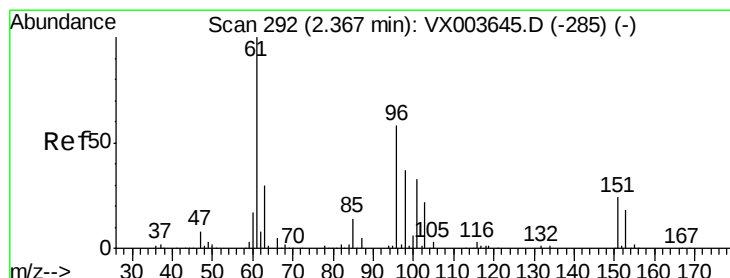
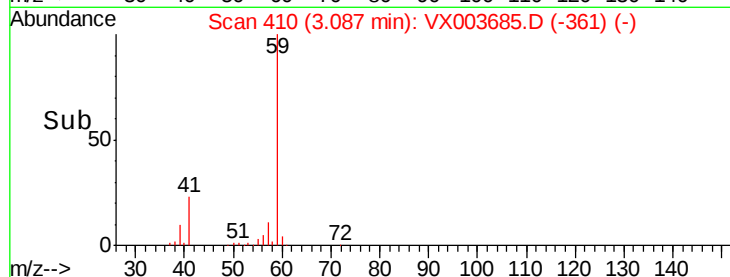
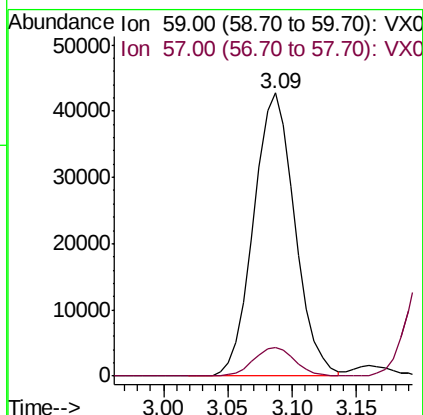
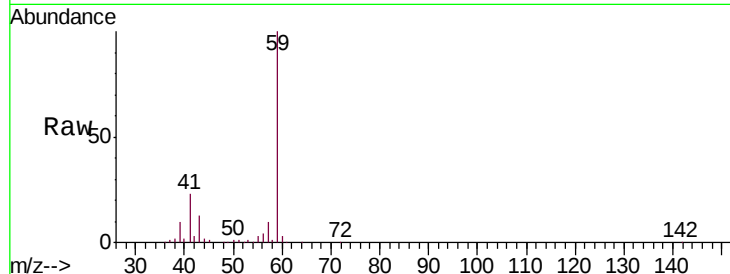




#11
Tert butyl alcohol
Concen: 241.05 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

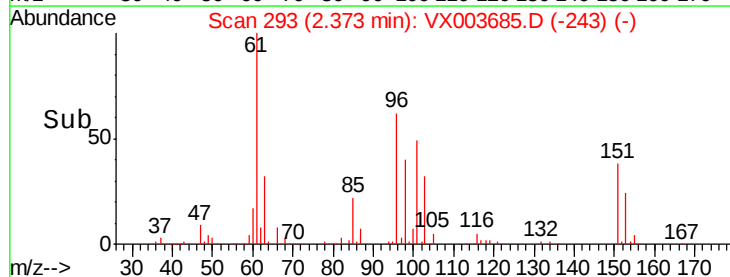
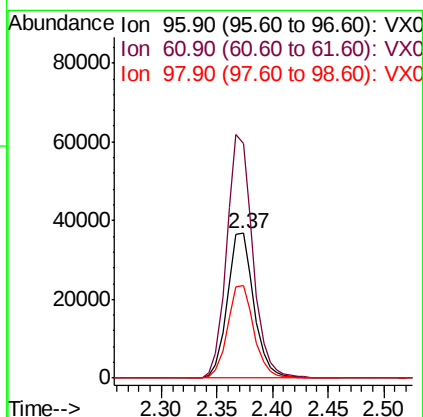
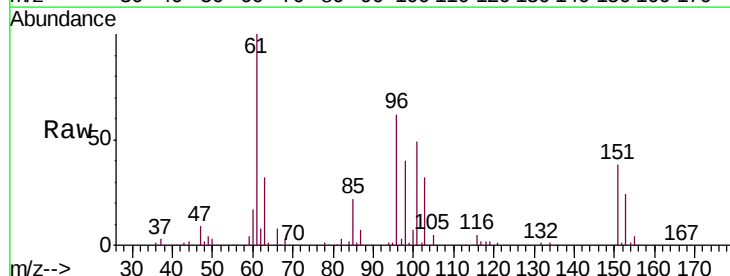
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

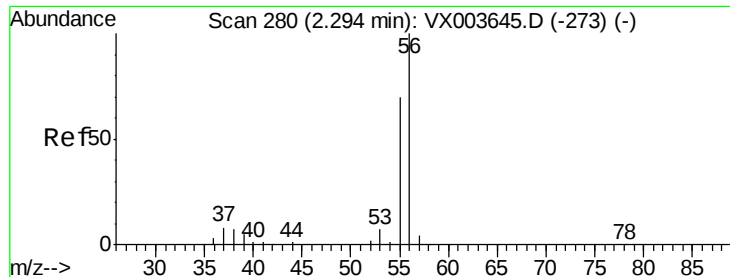
Tot Ion: 59 Resp: 94653
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.25 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 96 Resp: 60605
Ion Ratio Lower Upper
96 100
61 161.9 138.8 208.2
98 64.0 51.4 77.2

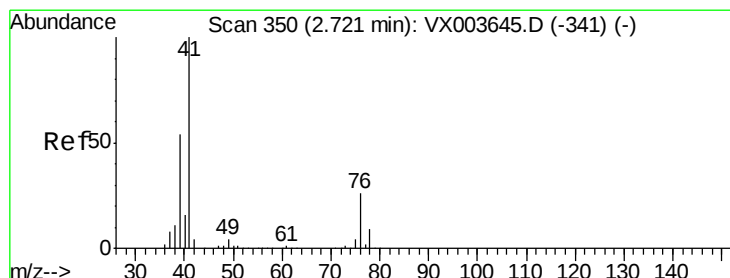
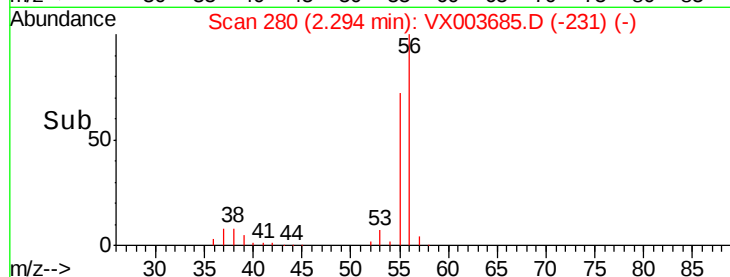
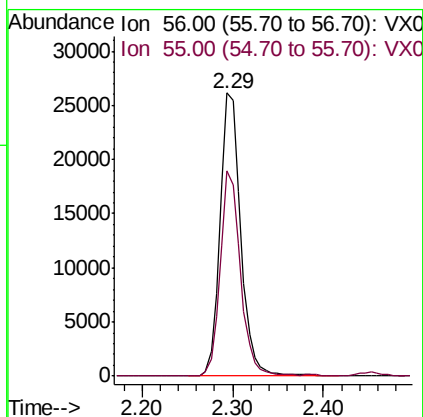
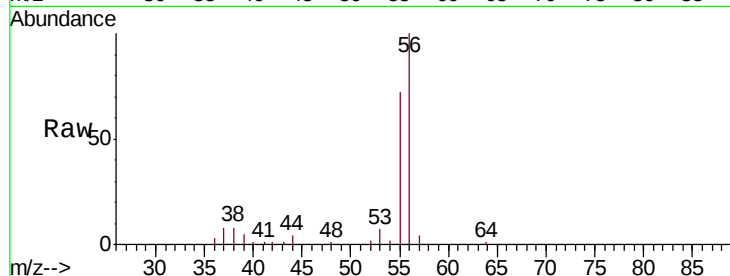




#13
Acrolein
Concen: 210.91 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

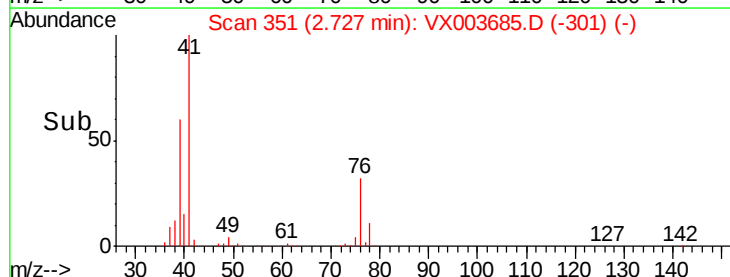
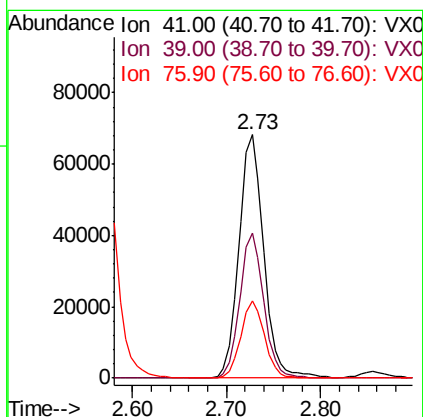
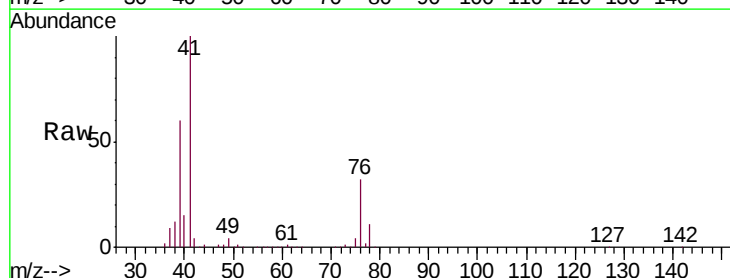
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

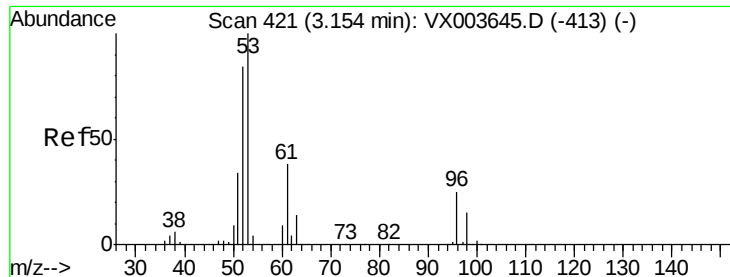
Tot Ion: 56 Resp: 41750
Ion Ratio Lower Upper
56 100
55 70.5 55.4 83.2



#14
Allyl chloride
Concen: 46.63 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.01 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 41 Resp: 124694
Ion Ratio Lower Upper
41 100
39 57.8 45.3 67.9
76 30.5 23.8 35.6





#15

Acrylonitrile

Concen: 236.79 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

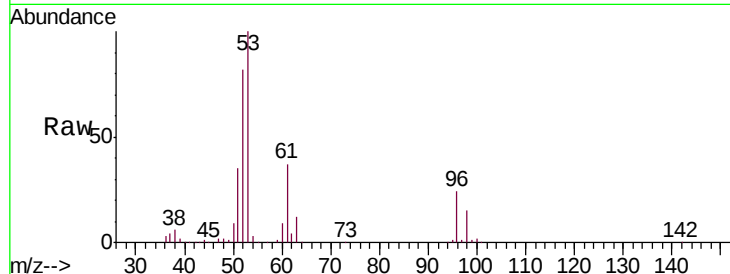
Tot Ion: 53 Resp: 224661

Ion Ratio Lower Upper

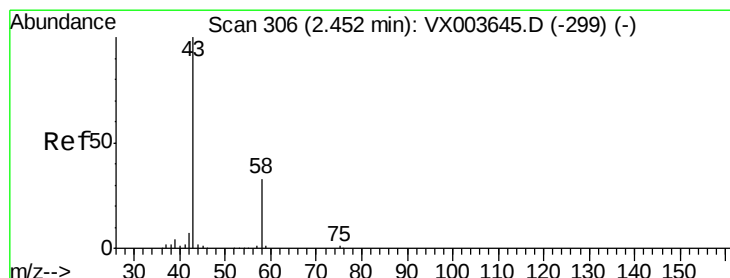
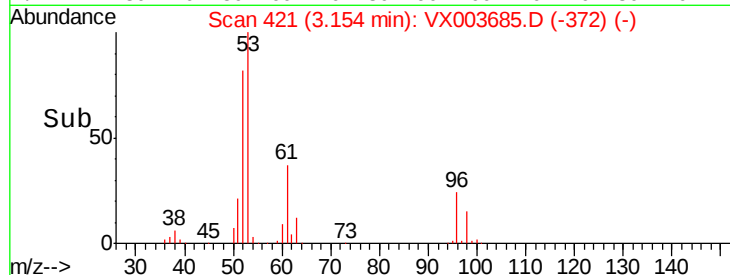
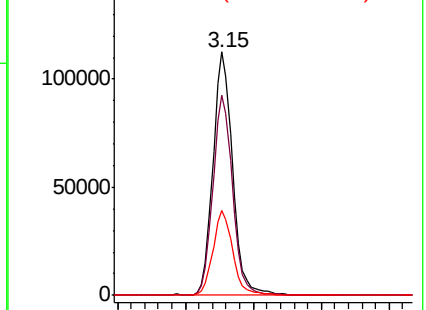
53 100

52 82.4 66.1 99.1

51 35.6 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: 240.99 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003685.D

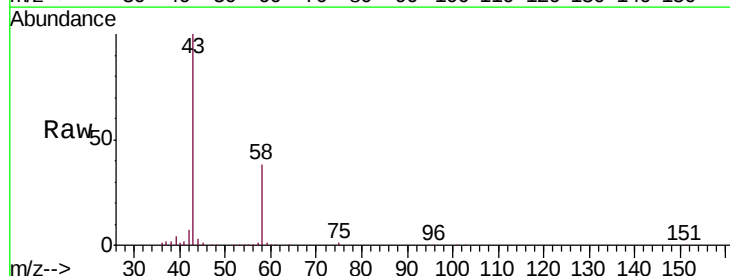
Acq: 26 Jul 2018 21:59

Tgt Ion: 43 Resp: 185987

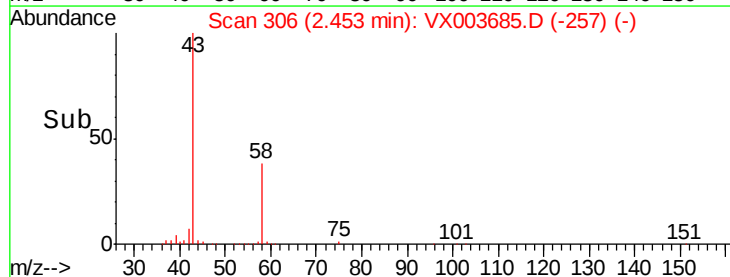
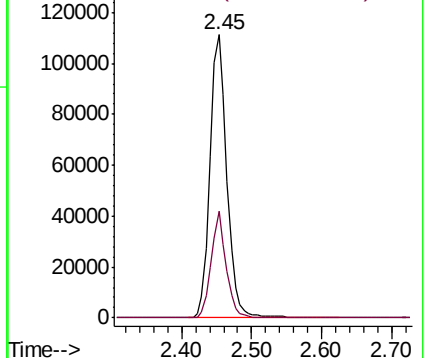
Ion Ratio Lower Upper

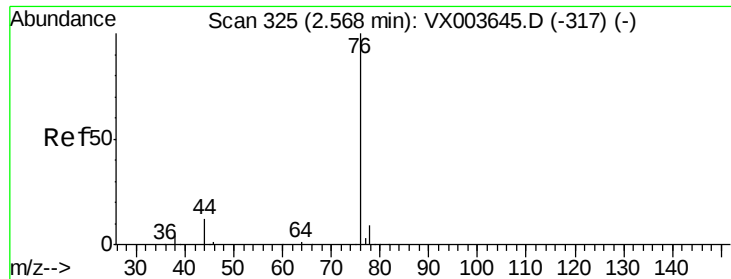
43 100

58 38.0 26.1 39.1



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

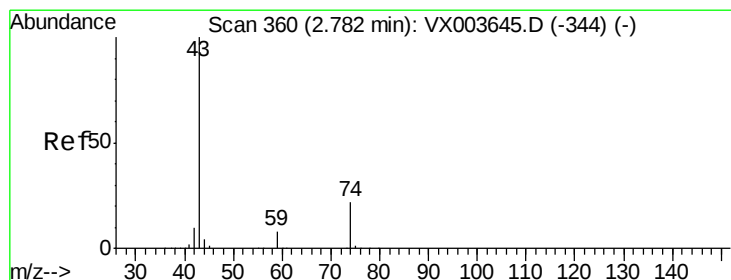
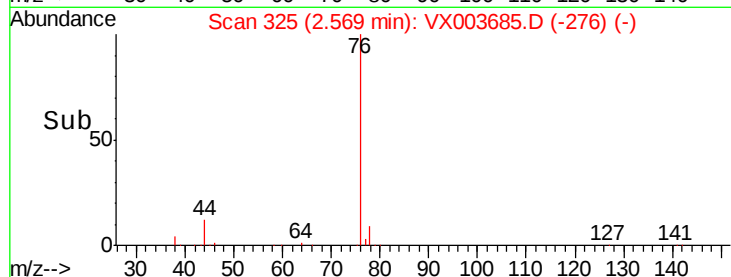
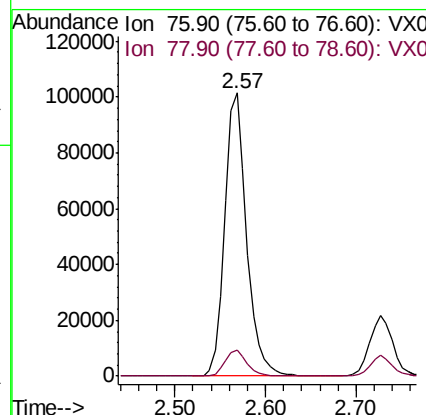
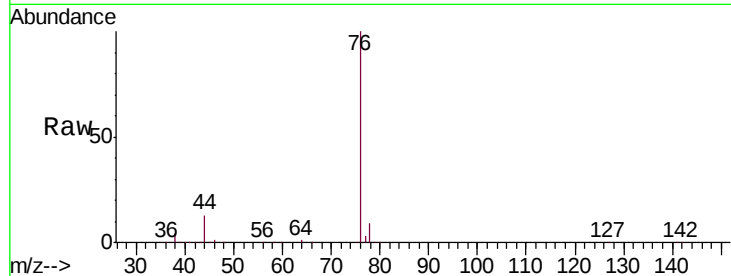




#17
Carbon Disulfide
Concen: 46.18 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

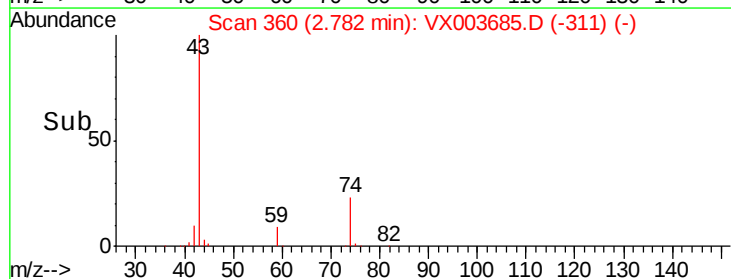
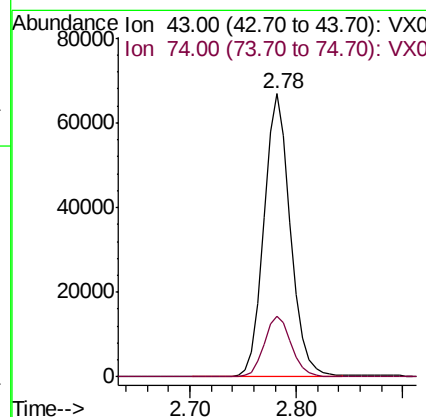
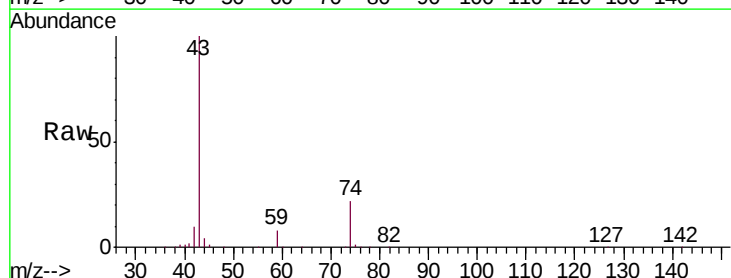
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

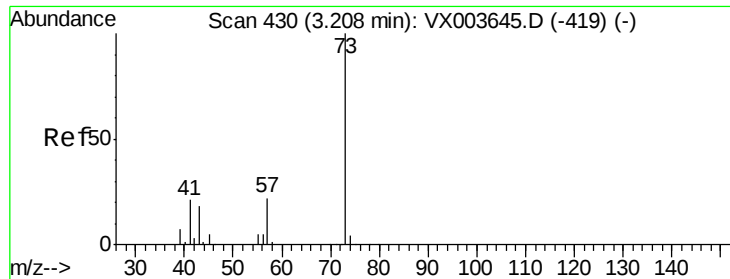
Tot Ion: 76 Resp: 170391
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 49.83 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 43 Resp: 116160
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8

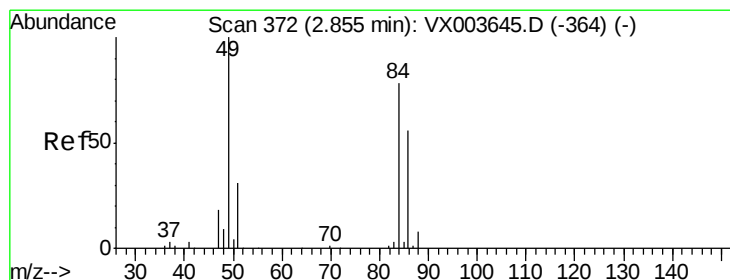
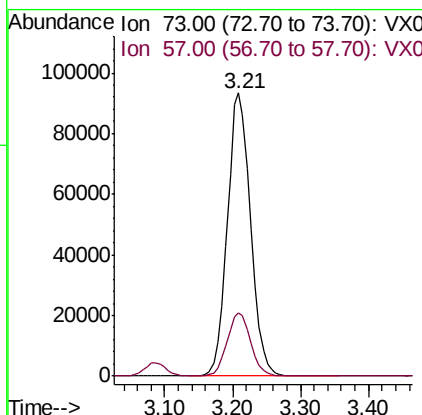
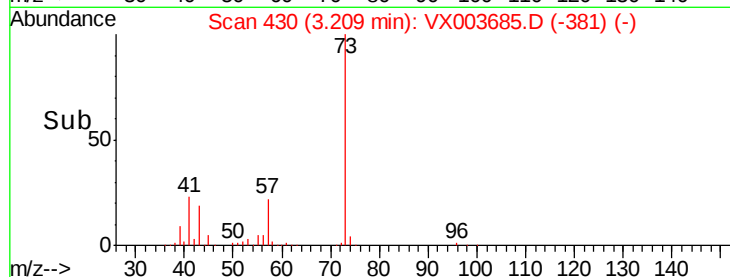
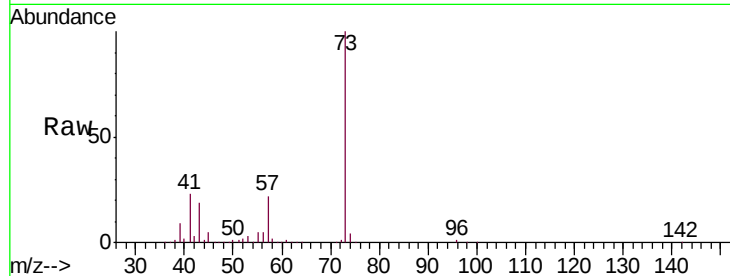




#19
Methyl tert-butyl Ether
Concen: 48.35 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

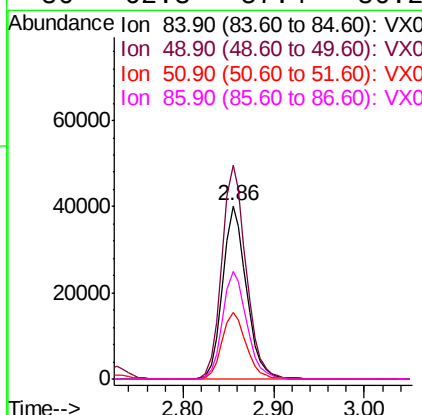
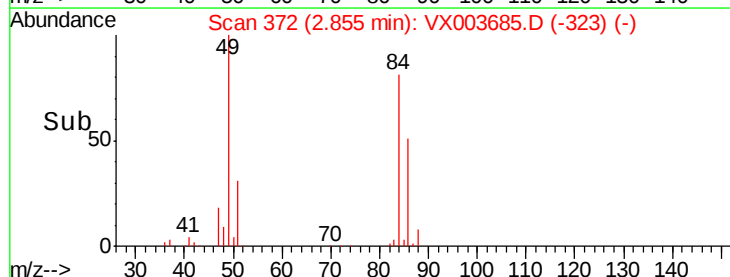
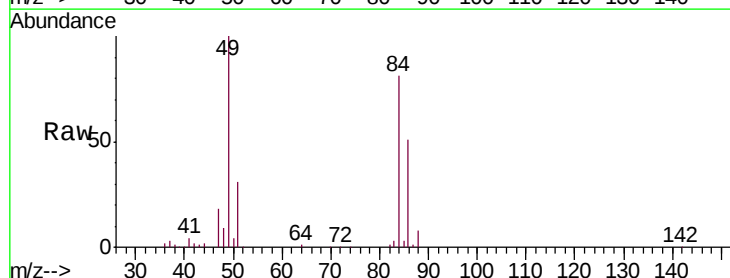
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

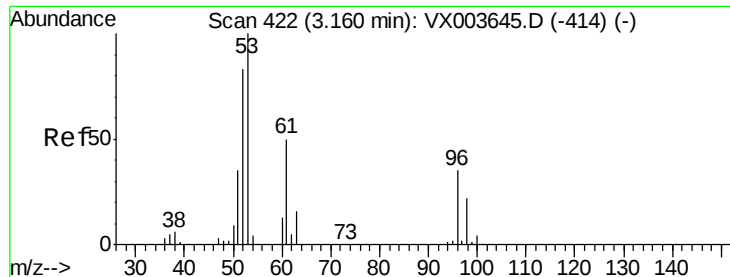
Tot Ion: 73 Resp: 219041
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.2



#20
Methylene Chloride
Concen: 47.89 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 84 Resp: 73228
Ion Ratio Lower Upper
84 100
49 123.3 102.3 153.5
51 38.6 31.8 47.8
86 62.3 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 47.67 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

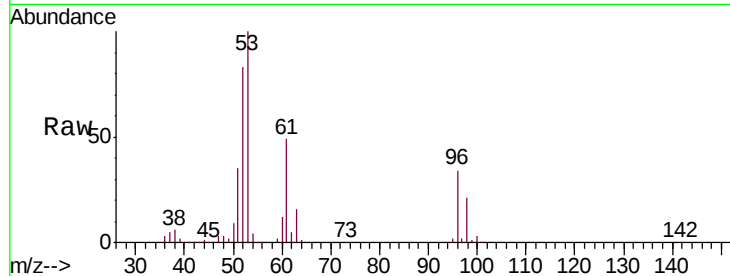
Tot Ion: 96 Resp: 65757

Ion Ratio Lower Upper

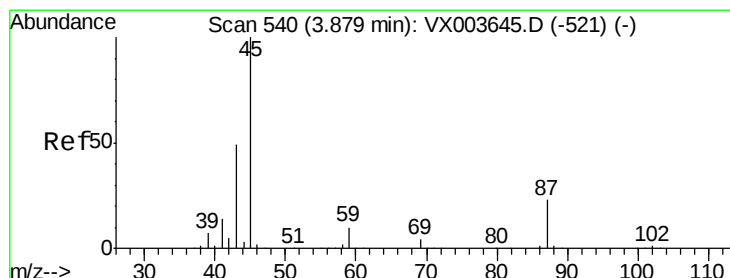
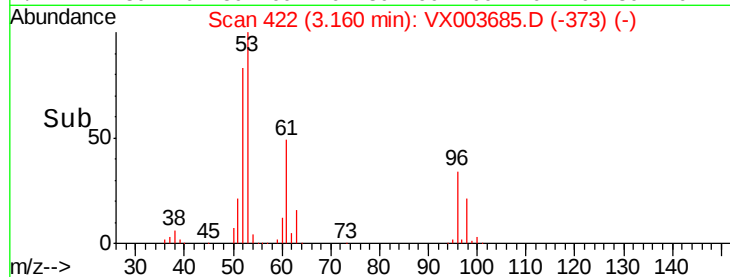
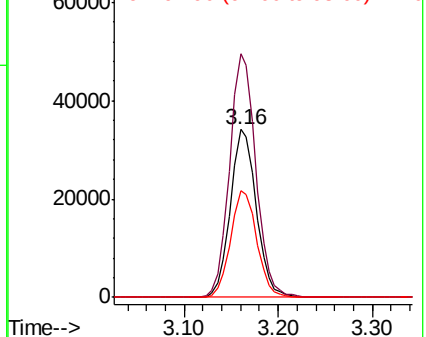
96 100

61 144.9 115.0 172.4

98 63.5 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: 48.92 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Tgt Ion: 45 Resp: 238849

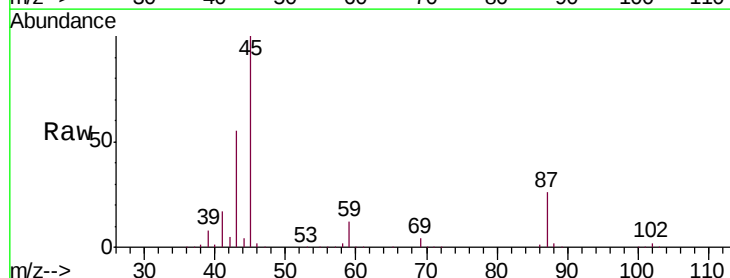
Ion Ratio Lower Upper

45 100

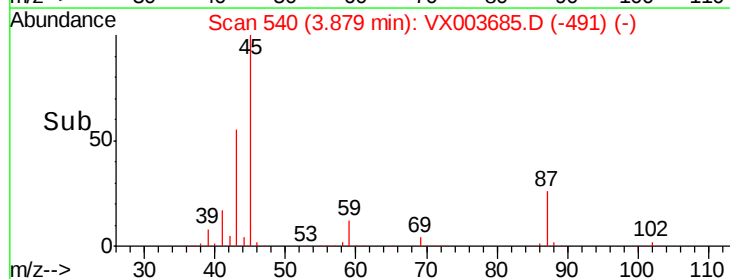
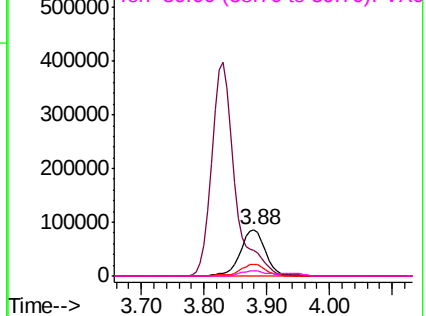
43 54.9 39.0 58.4

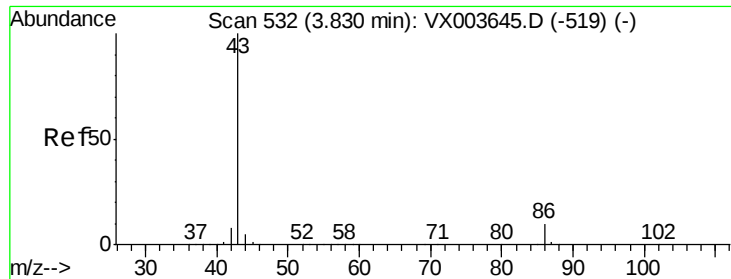
87 26.2 18.4 27.6

59 11.6 7.8 11.8



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 244.04 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

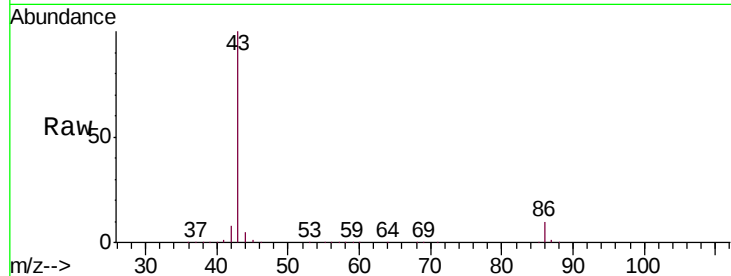
VSTDCCC050EC

Tot Ion: 43 Resp: 1020622

Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

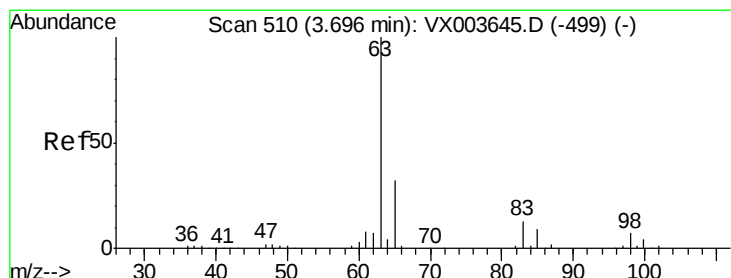
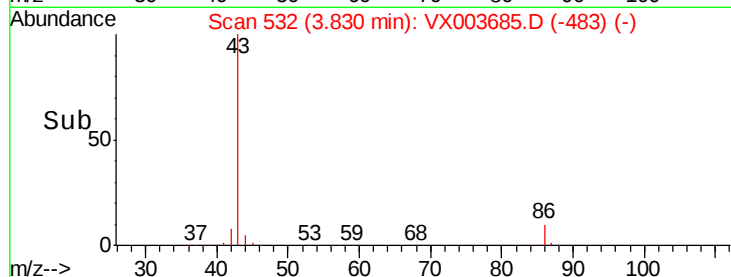
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 47.86 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

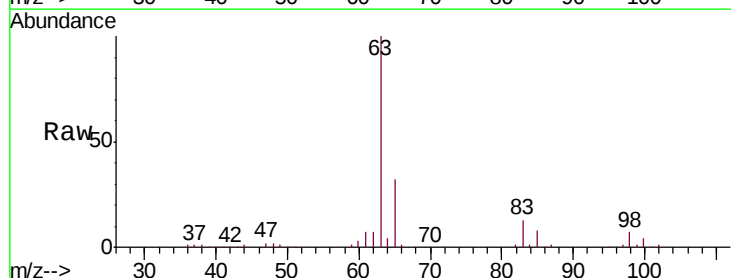
Tgt Ion: 63 Resp: 131703

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 3.9 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

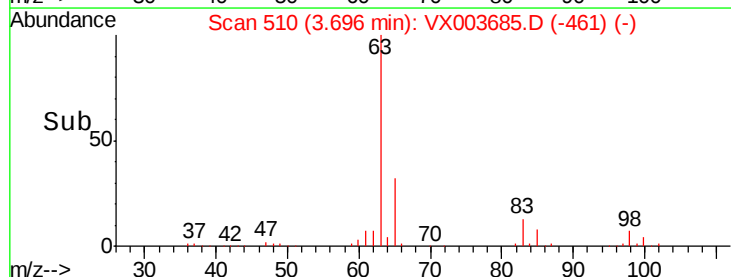
60000

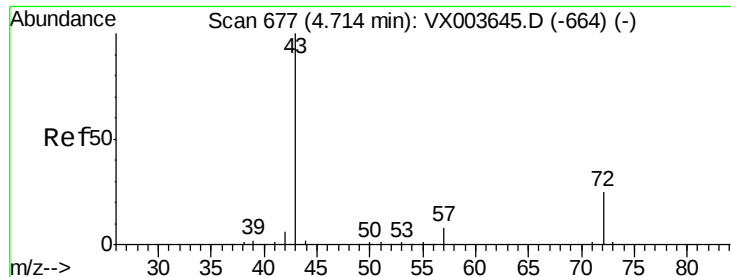
40000

20000

0

Time--> 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 240.30 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

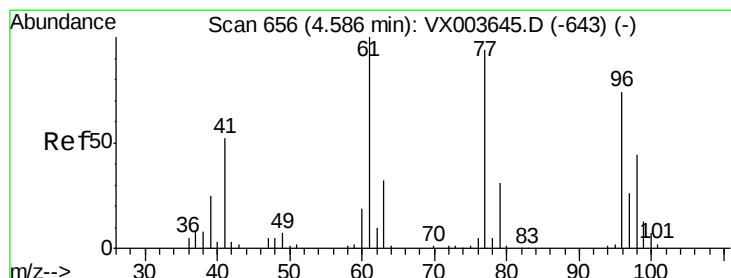
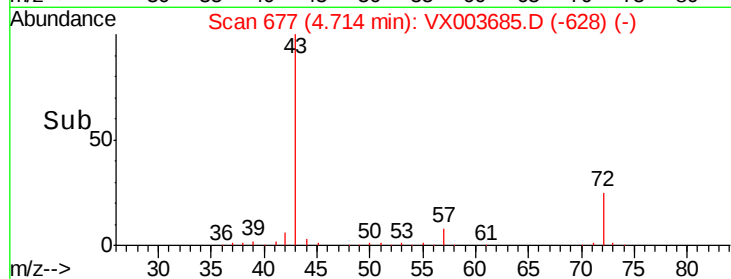
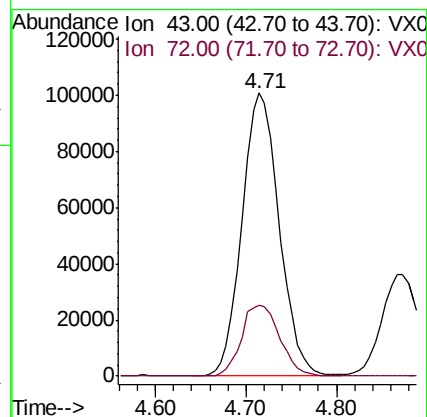
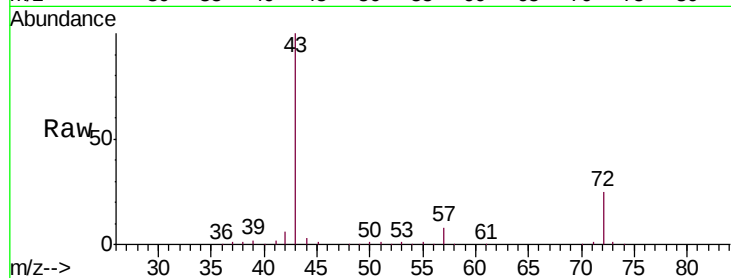
VSTDCCC050EC

Tot Ion: 43 Resp: 286499

Ion Ratio Lower Upper

43 100

72 25.3 20.2 30.4



#26

2,2-Dichloropropane

Concen: 39.04 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003685.D

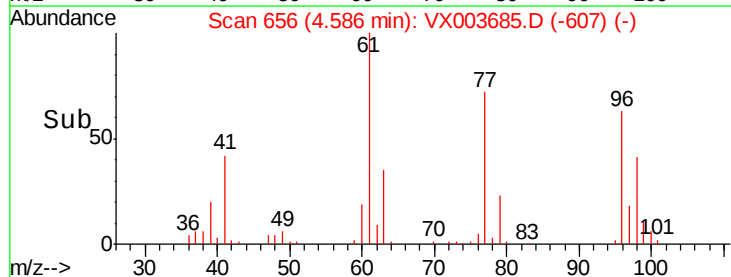
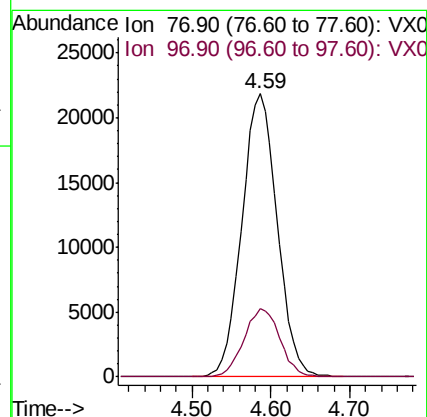
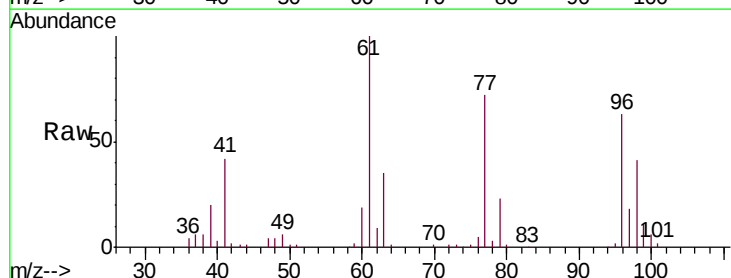
Acq: 26 Jul 2018 21:59

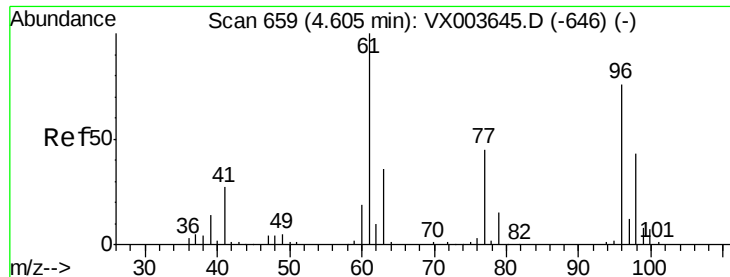
Tgt Ion: 77 Resp: 67924

Ion Ratio Lower Upper

77 100

97 24.7 12.0 36.0



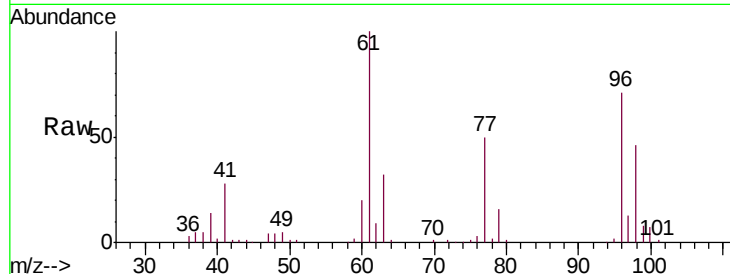


#27

cis-1,2-Dichloroethene
Concen: 47.27 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.1	0.0	313.6
98	64.6	0.0	125.6

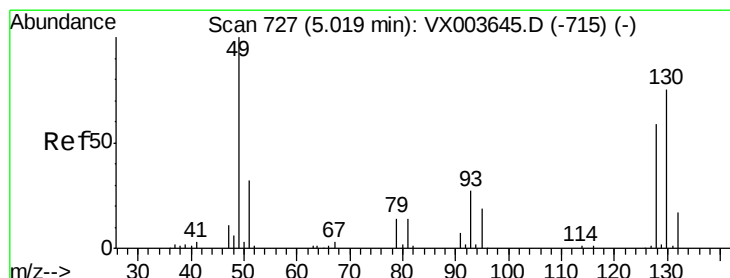
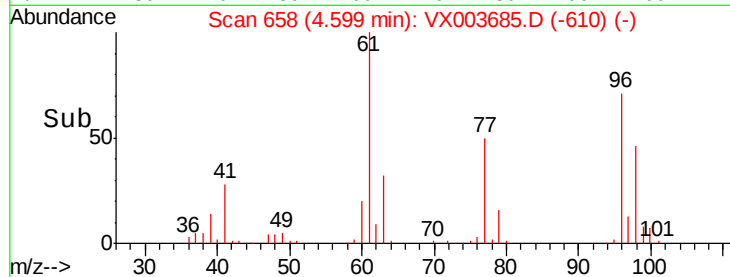
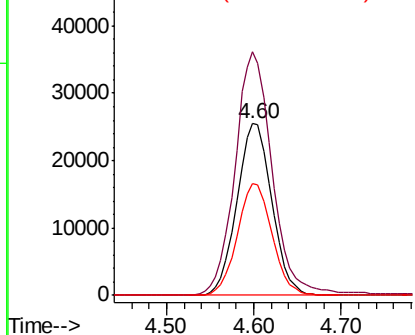


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

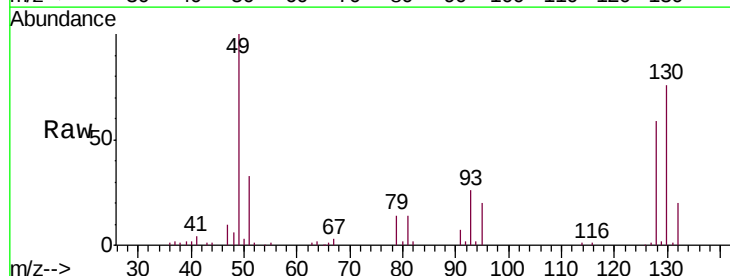
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 44.74 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	79.1	61.0	91.6

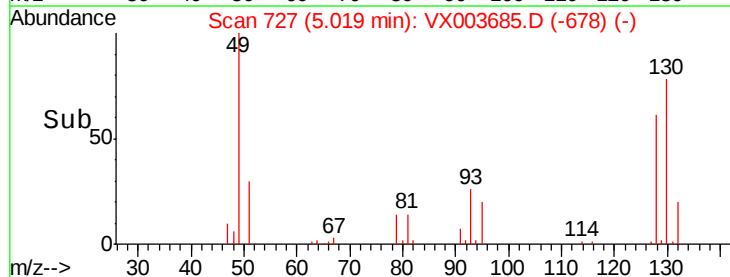
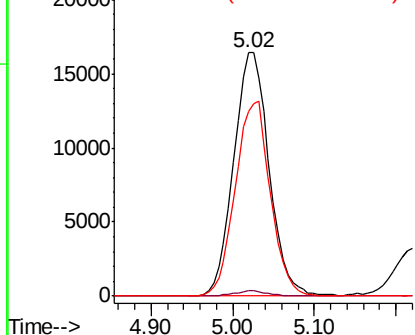


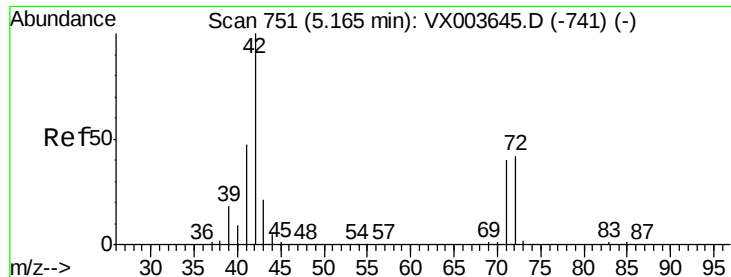
Abundance

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

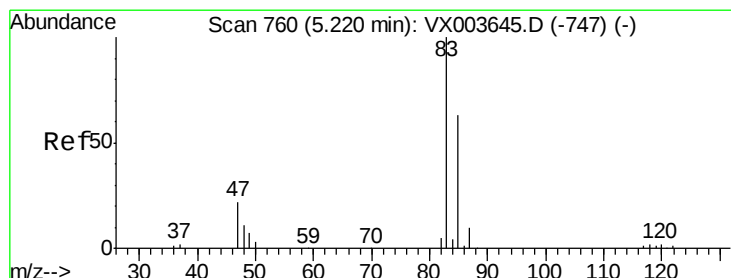
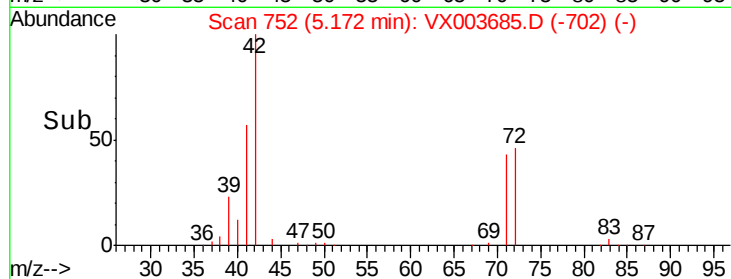
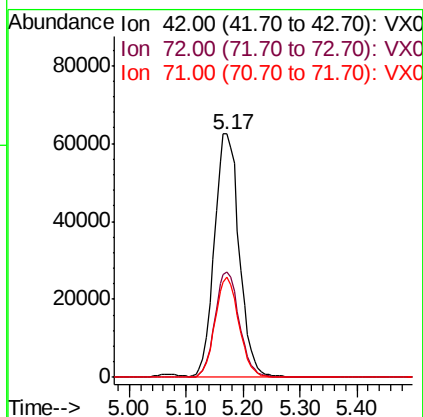
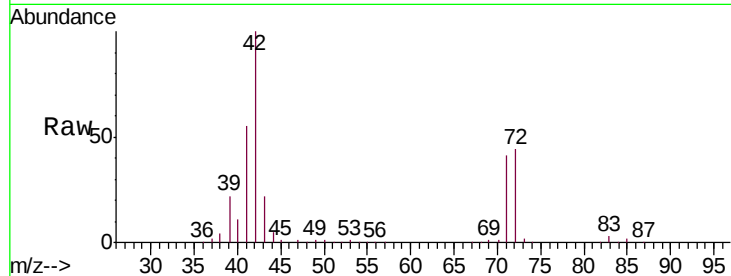




#29
Tetrahydrofuran
Concen: 243.71 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

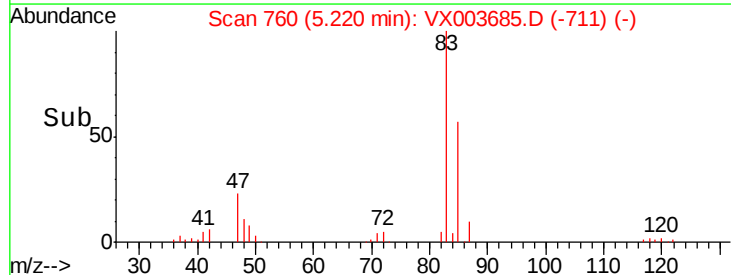
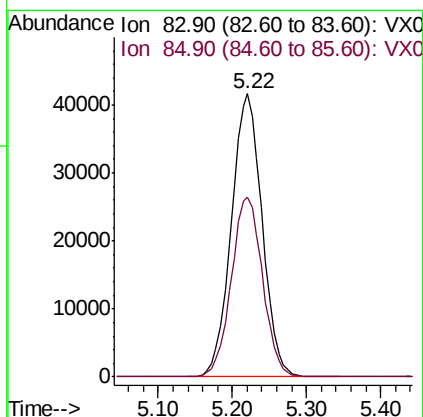
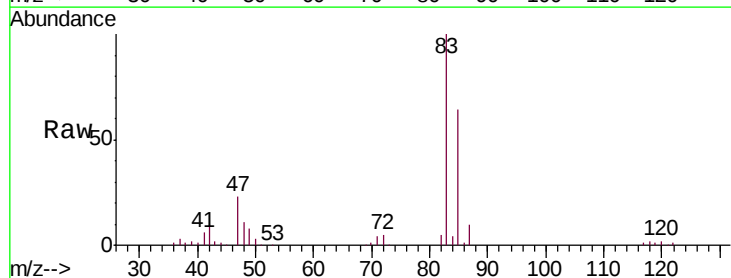
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

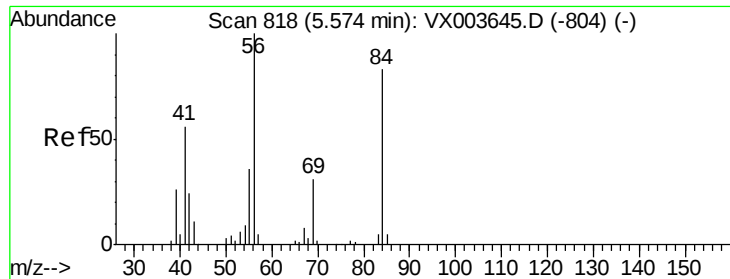
Tot Ion: 42 Resp: 189144
Ion Ratio Lower Upper
42 100
72 42.7 33.4 50.0
71 39.6 31.0 46.6



#30
Chloroform
Concen: 48.20 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 83 Resp: 120309
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.4

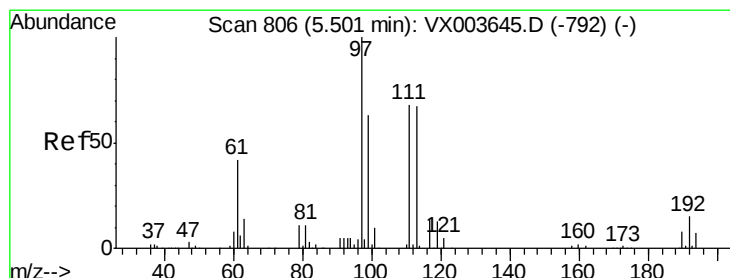
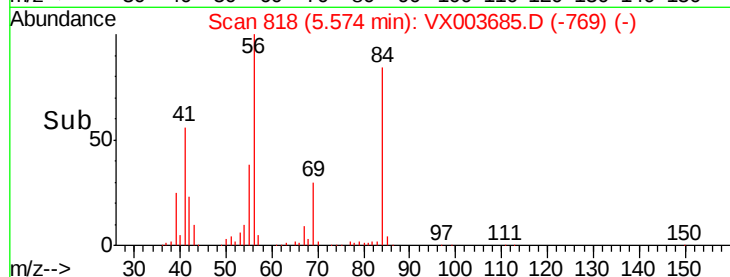
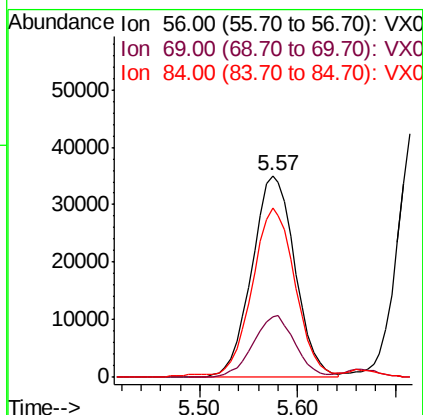
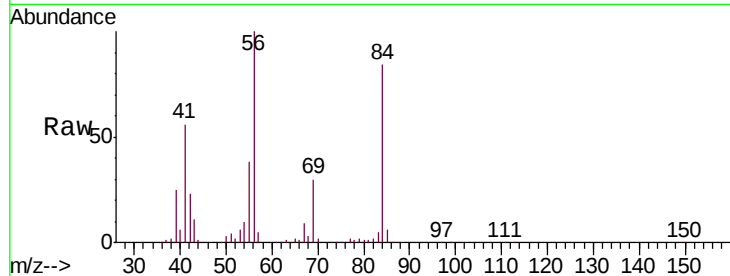




#31
Cyclohexane
Concen: 48.73 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

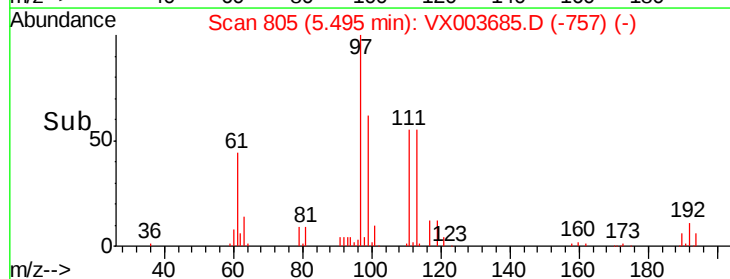
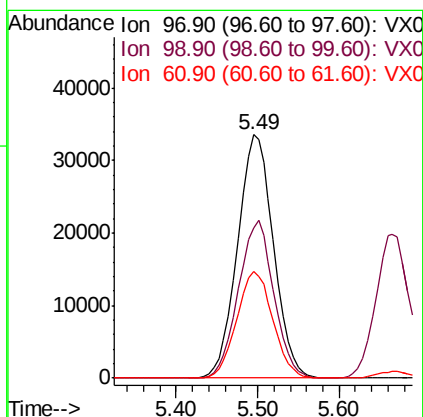
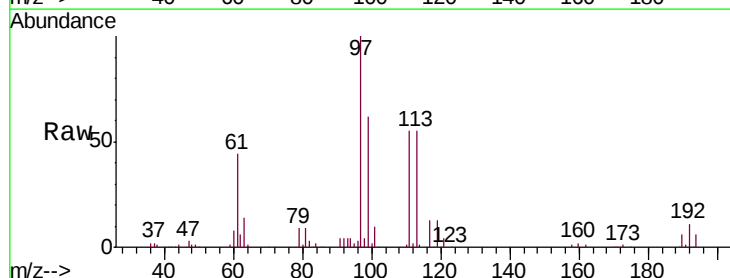
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

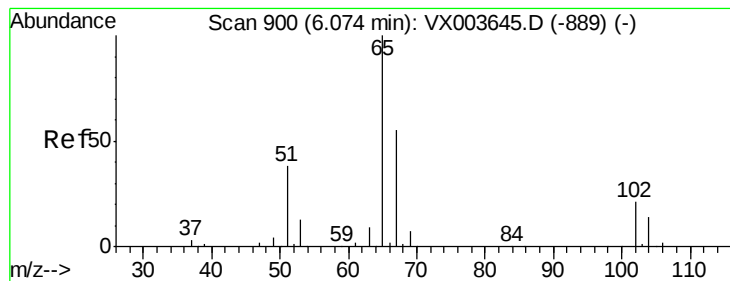
Tot Ion: 56 Resp: 107634
Ion Ratio Lower Upper
56 100
69 30.2 25.0 37.6
84 82.3 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 49.47 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 97 Resp: 102541
Ion Ratio Lower Upper
97 100
99 63.8 50.4 75.6
61 44.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.25 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

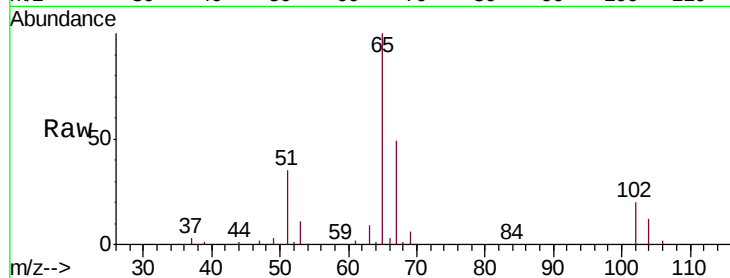
VSTDCCC050EC

Tot Ion: 65 Resp: 80907

Ion Ratio Lower Upper

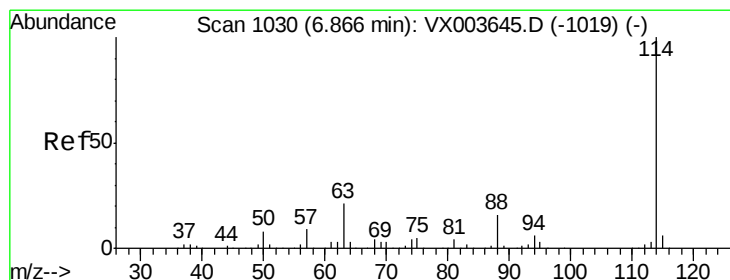
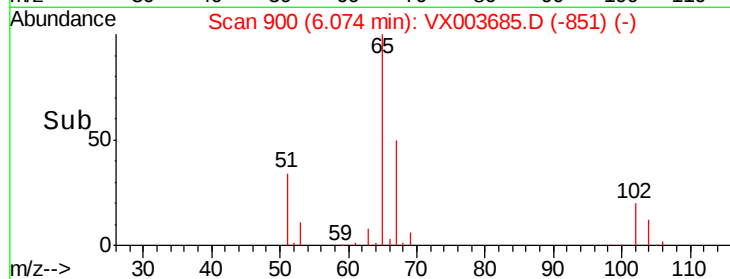
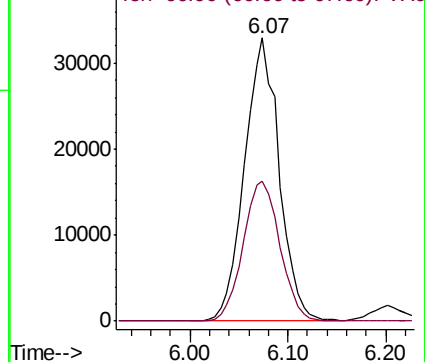
65 100

67 52.4 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

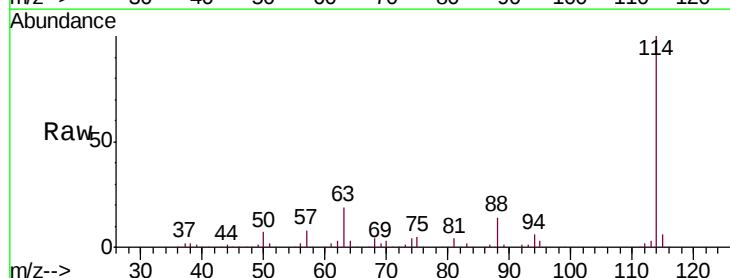
Tgt Ion: 114 Resp: 165966

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.0

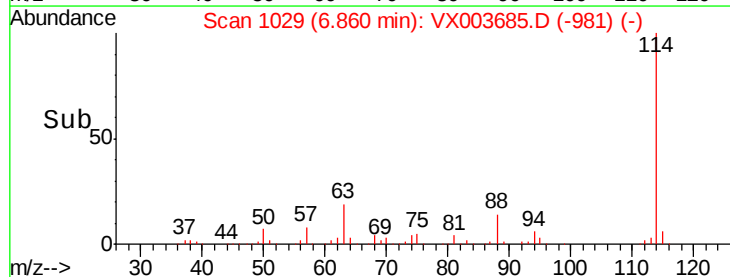
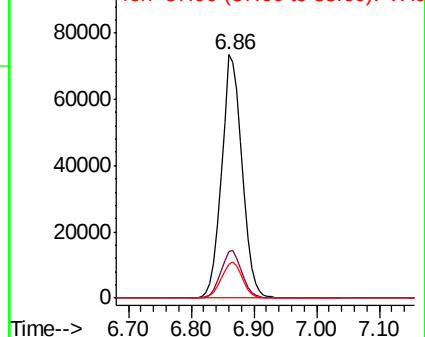
88 13.9 0.0 31.8

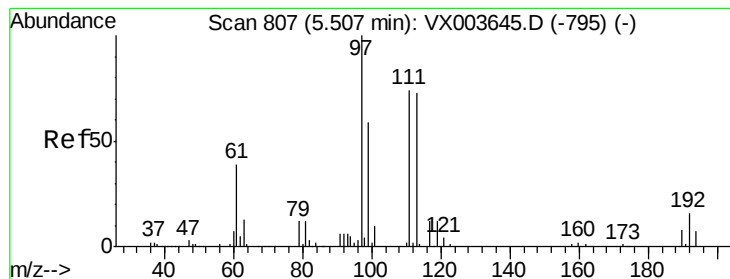


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.80 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

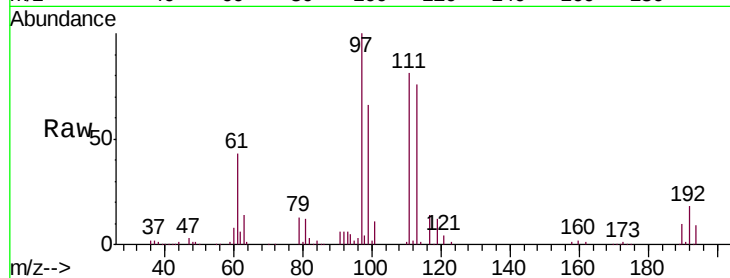
Tot Ion:113 Resp: 64849

Ion Ratio Lower Upper

113 100

111 102.9 81.2 121.8

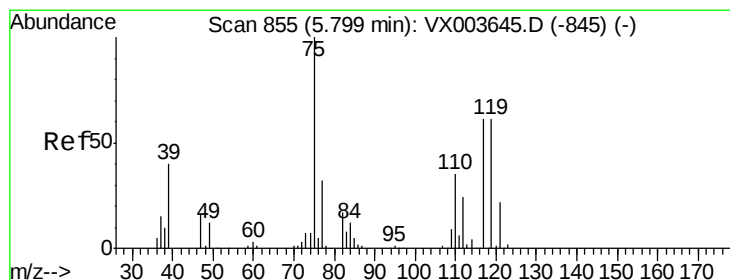
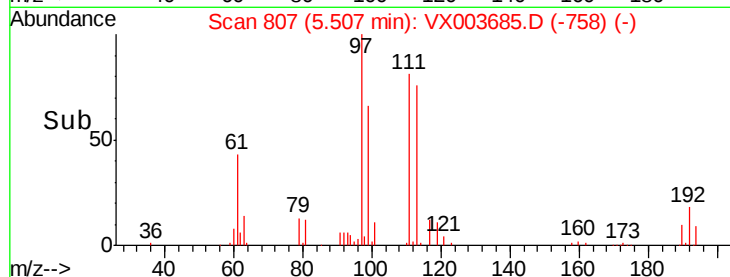
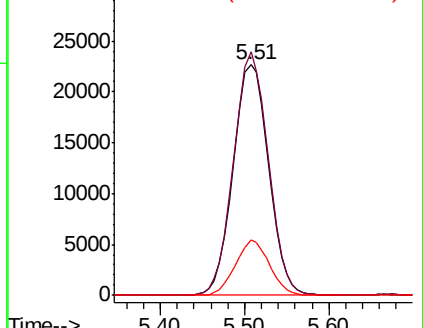
192 22.7 18.2 27.4



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: 46.20 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

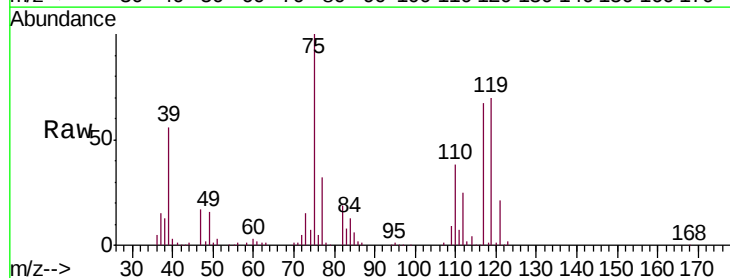
Tgt Ion: 75 Resp: 89630

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.1

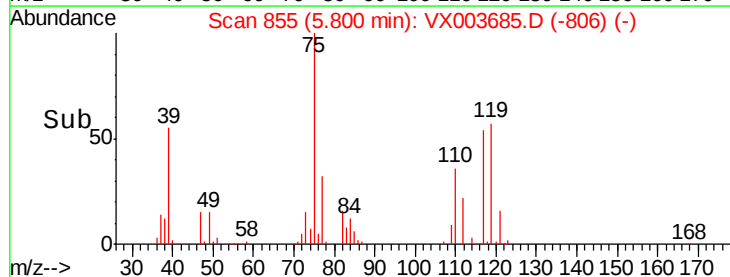
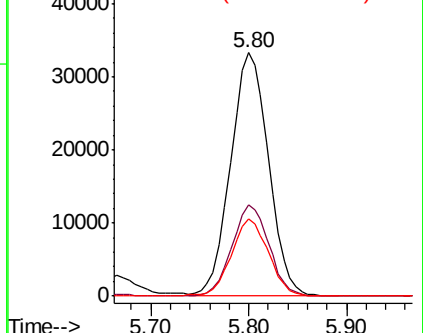
77 31.4 25.1 37.7

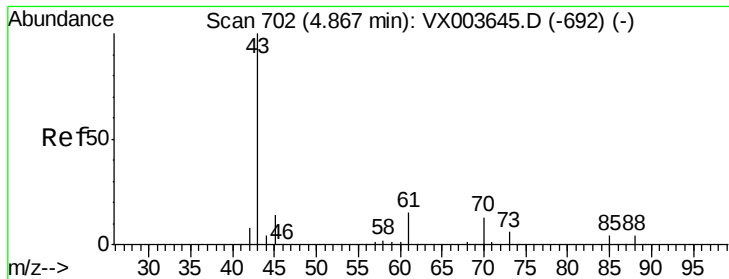


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 45.49 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

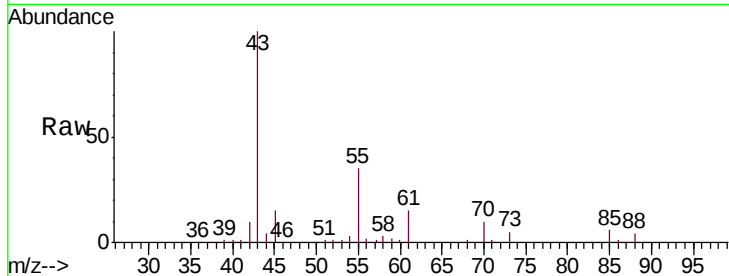
Tot Ion: 43 Resp: 106107

Ion Ratio Lower Upper

43 100

61 14.9 11.9 17.9

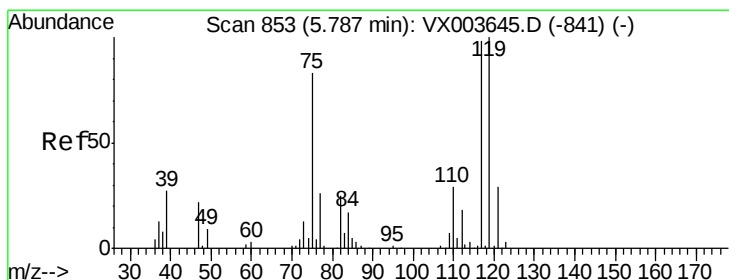
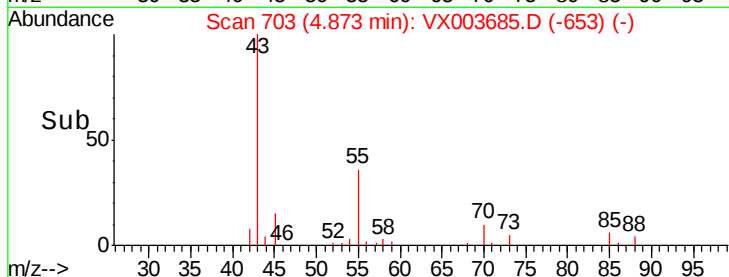
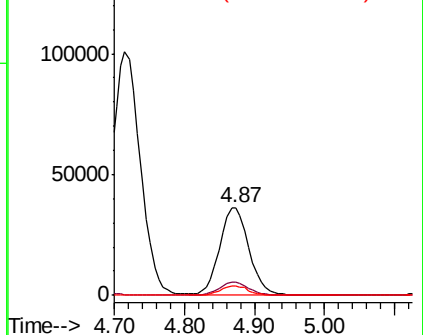
70 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 48.16 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

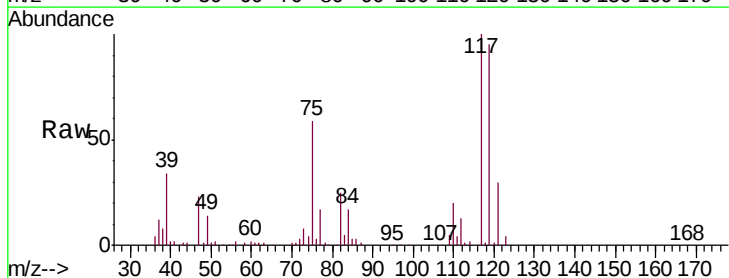
Tgt Ion: 117 Resp: 90043

Ion Ratio Lower Upper

117 100

119 94.9 81.0 121.4

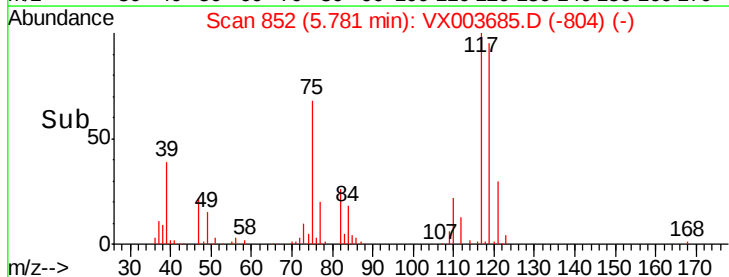
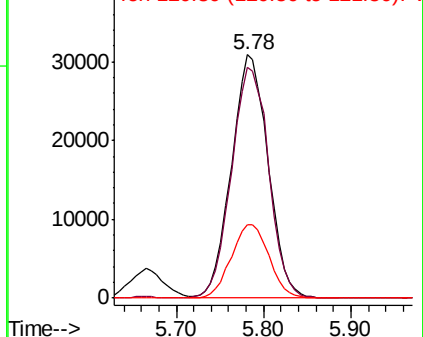
121 30.1 23.7 35.5

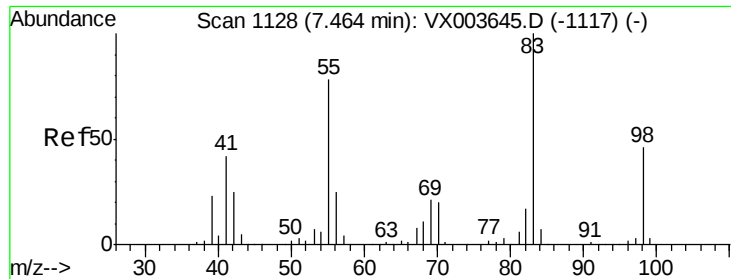


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

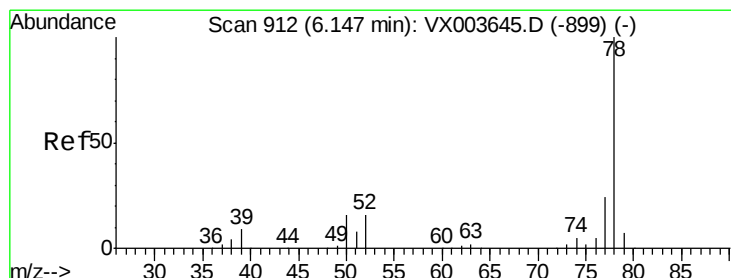
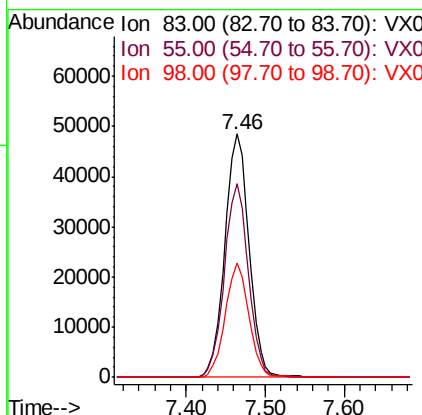
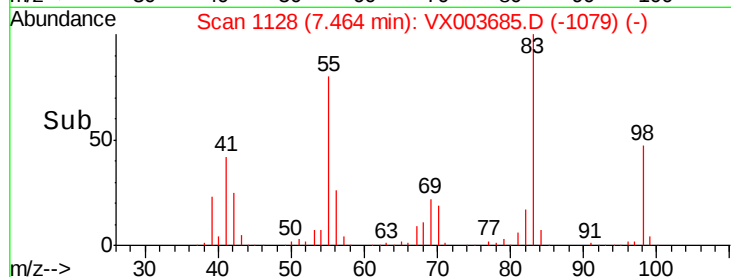
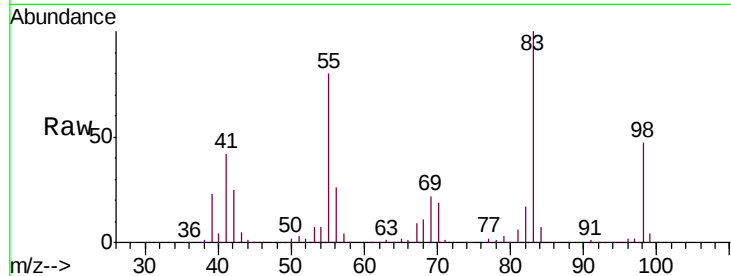




#39
Methvlcvclohexane
Concen: 48.63 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

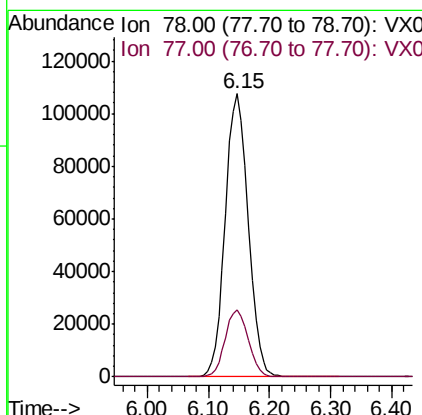
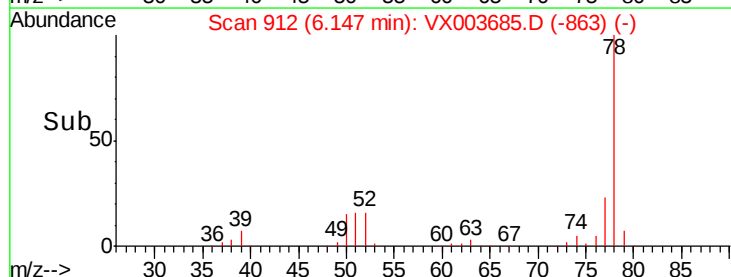
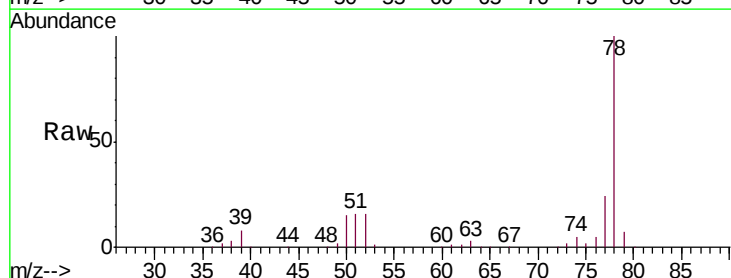
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

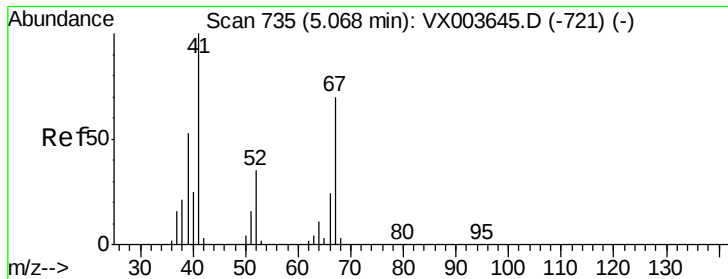
Tot Ion: 83 Resp: 103848
Ion Ratio Lower Upper
83 100
55 79.7 62.6 93.8
98 47.1 36.6 55.0



#40
Benzene
Concen: 48.49 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 78 Resp: 278401
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

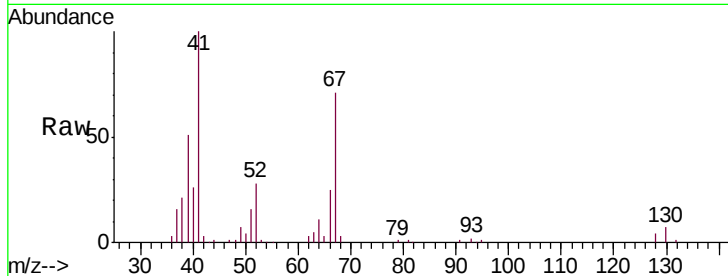




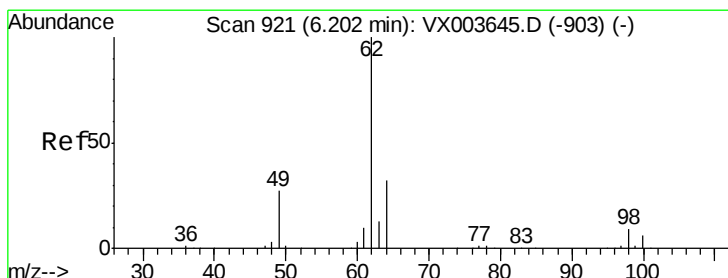
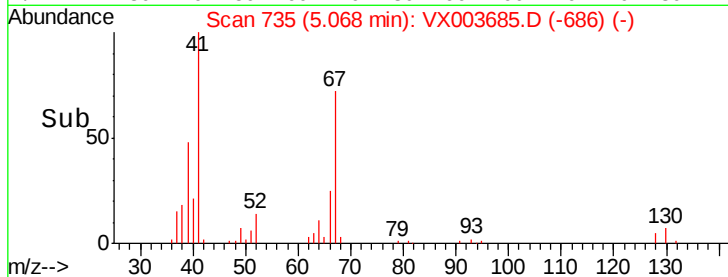
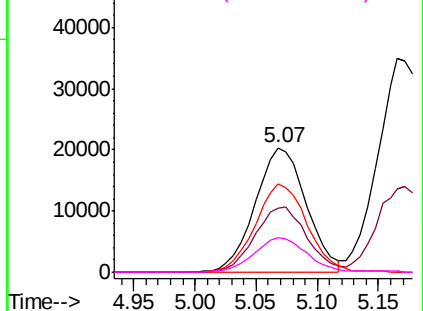
#41
Methacrylonitrile
Concen: 45.91 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	59309
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.2	63.4
67	71.7	56.6	84.8
52	28.8	24.0	36.0

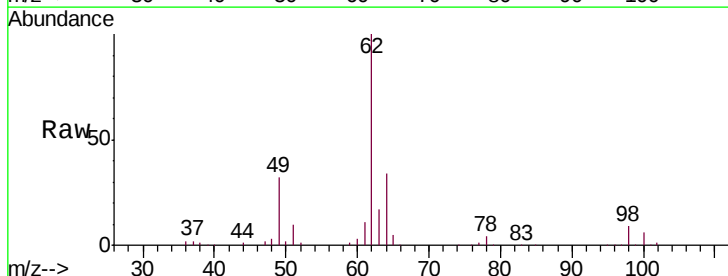


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

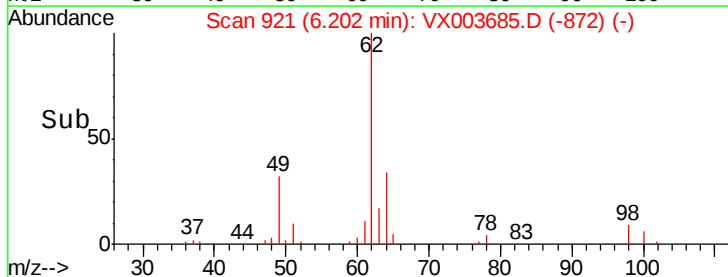
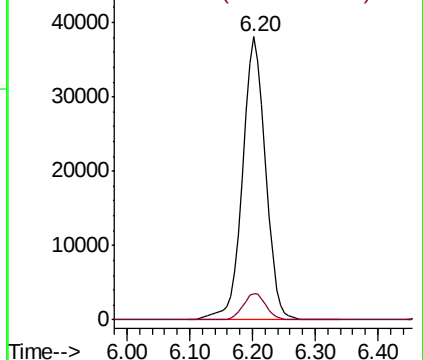


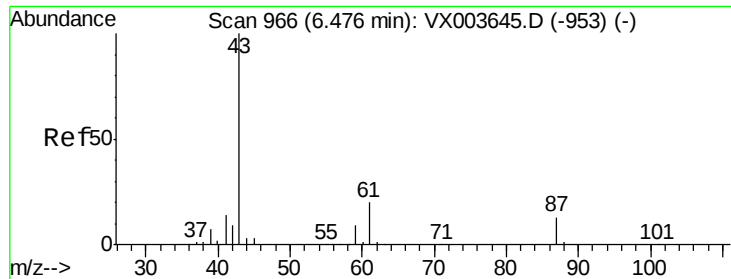
#42
1,2-Dichloroethane
Concen: 47.82 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion:	62	Resp:	96616
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 47.76 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

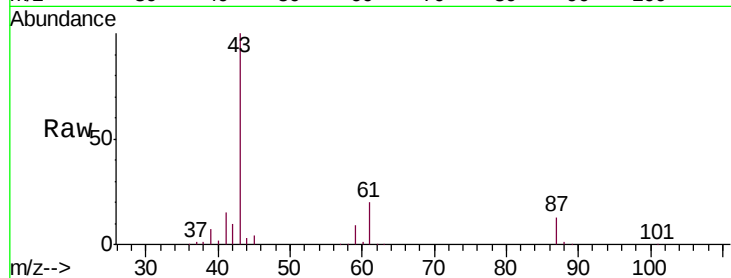
Tot Ion: 43 Resp: 162522

Ion Ratio Lower Upper

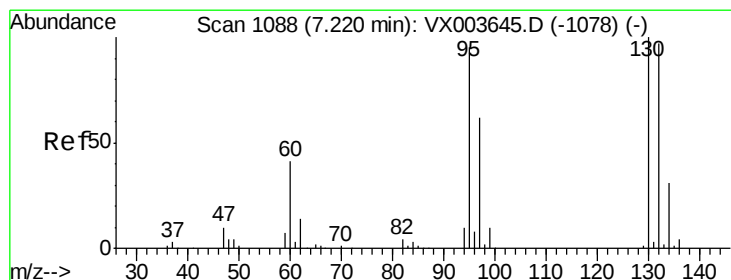
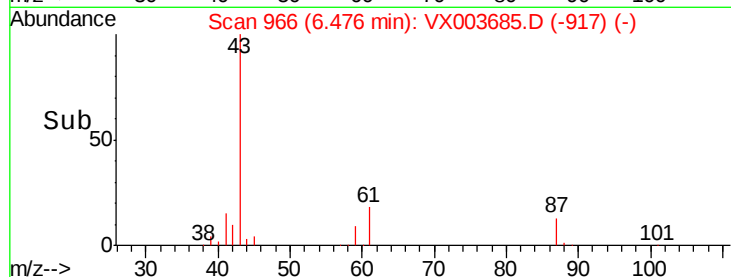
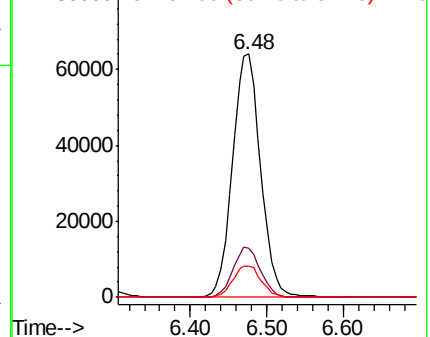
43 100

61 20.2 15.9 23.9

87 13.1 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.37 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX003685.D

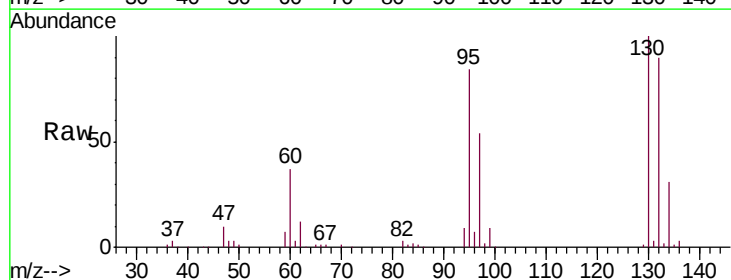
Acq: 26 Jul 2018 21:59

Tgt Ion:130 Resp: 72906

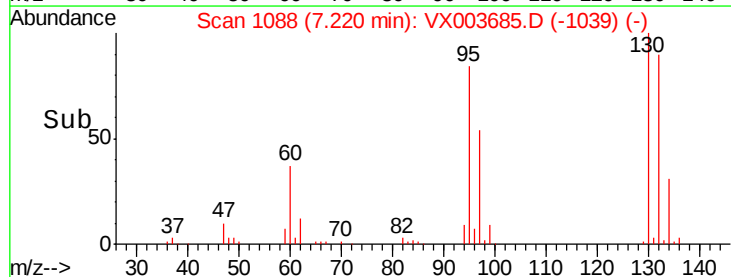
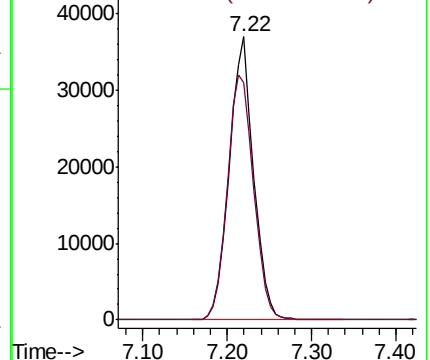
Ion Ratio Lower Upper

130 100

95 84.0 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

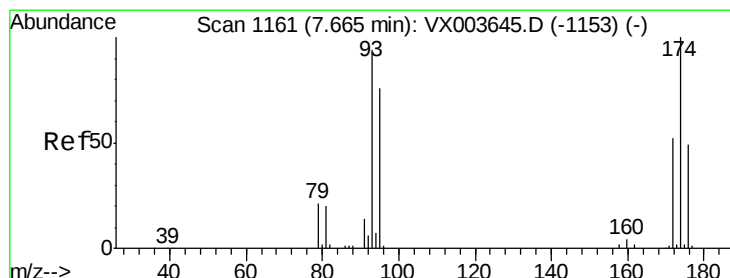
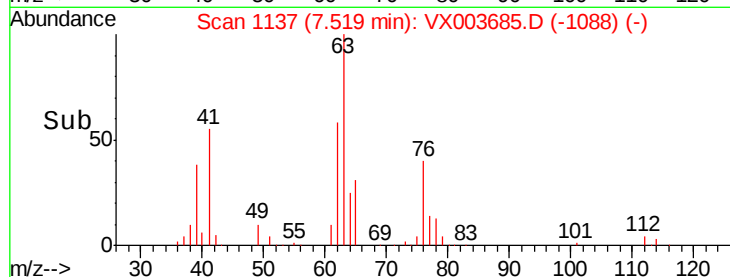
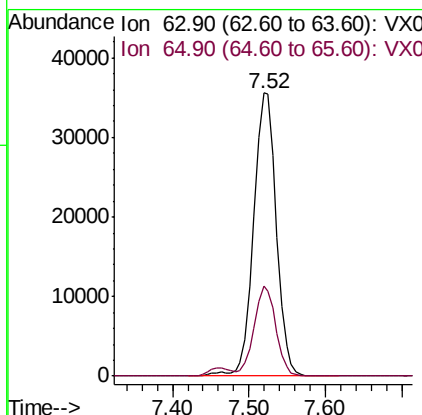
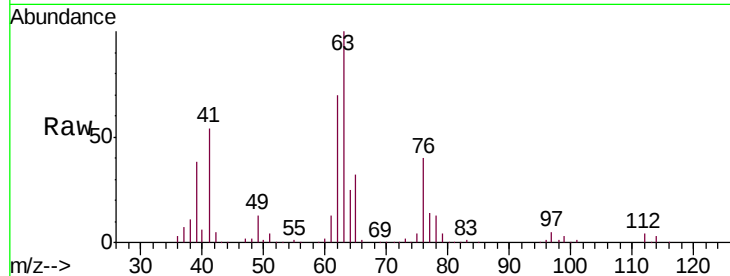




#45
 1,2-Dichloropropane
 Concen: 50.02 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003685.D
 Acq: 26 Jul 2018 21:59

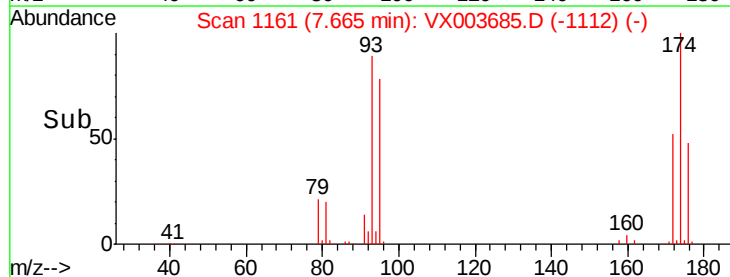
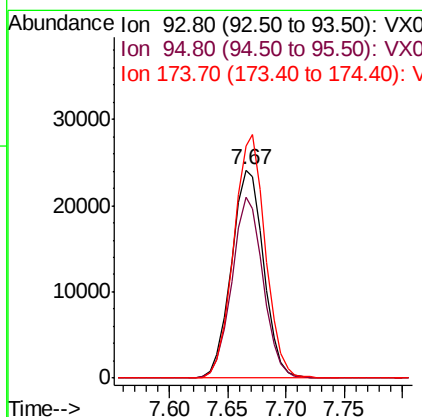
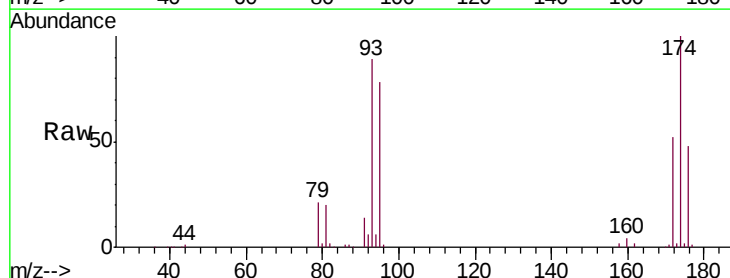
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

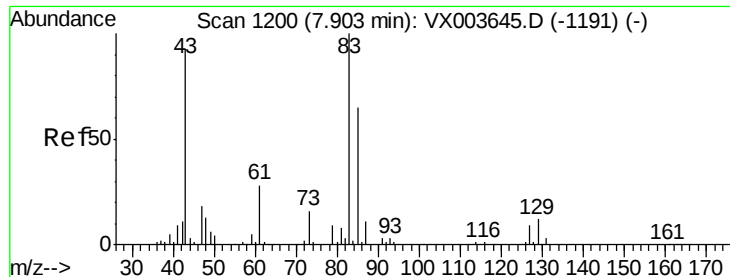
Tot Ion: 63 Resp: 74231
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.0 36.0



#46
 Dibromomethane
 Concen: 48.86 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003685.D
 Acq: 26 Jul 2018 21:59

Tgt Ion: 93 Resp: 46576
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.0 100.6
 174 114.6 89.6 134.4





#47

Bromodichloromethane

Concen: 49.97 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

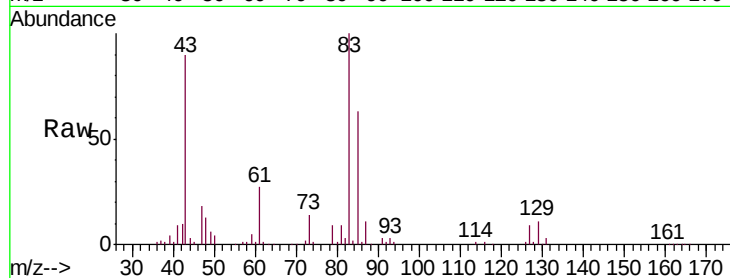
Tot Ion: 83 Resp: 89311

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.6

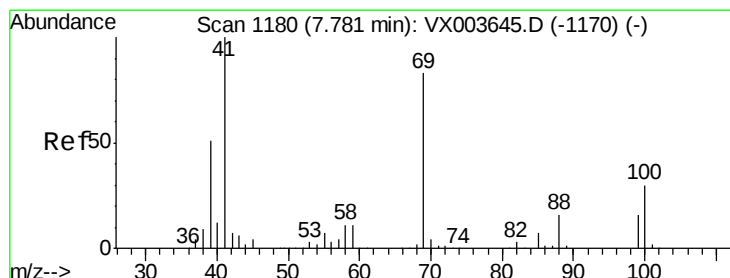
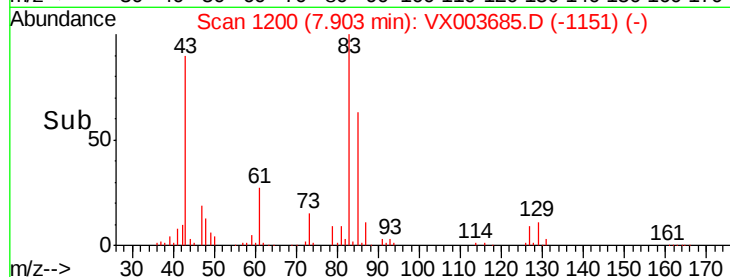
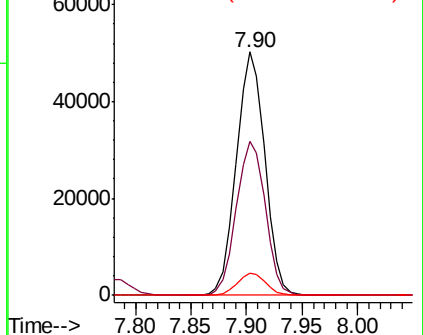
127 8.9 7.0 10.6



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: 49.76 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

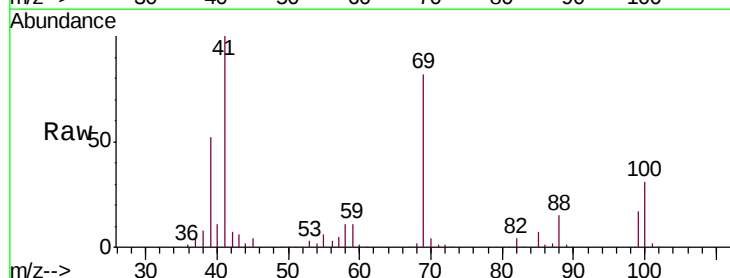
Tgt Ion: 41 Resp: 85932

Ion Ratio Lower Upper

41 100

69 83.0 66.9 100.3

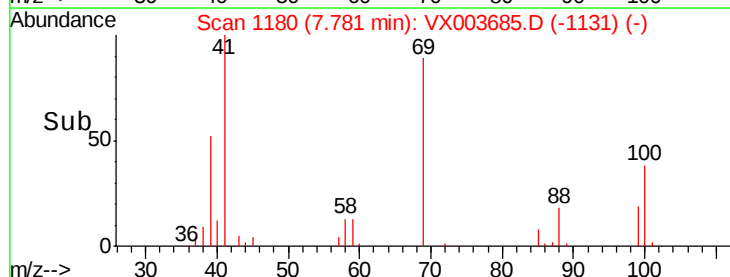
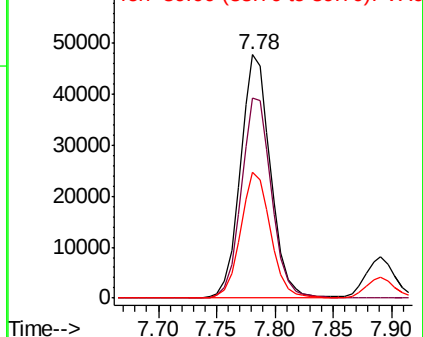
39 51.6 41.2 61.8

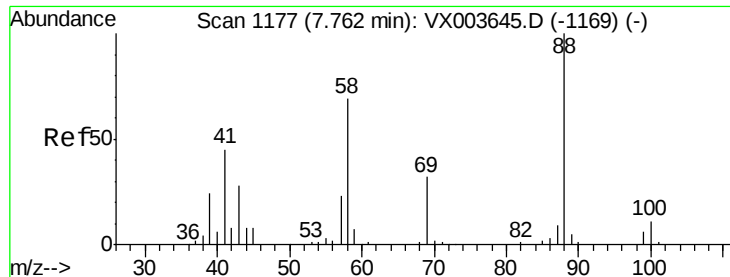


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

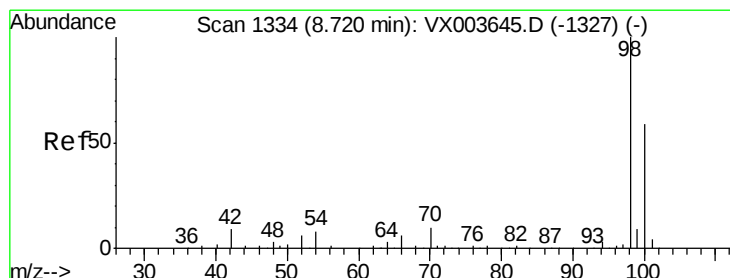
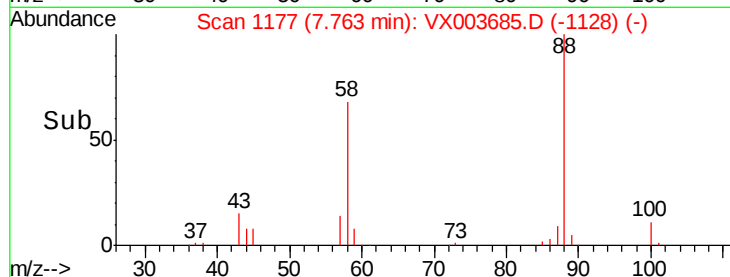
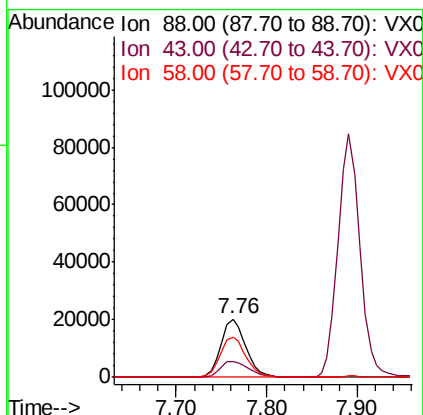
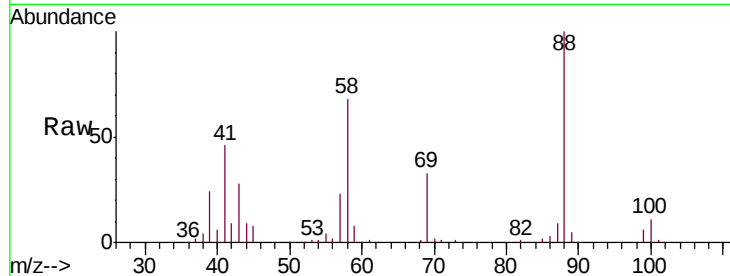




#49
1,4-Dioxane
Concen: 1003.26 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

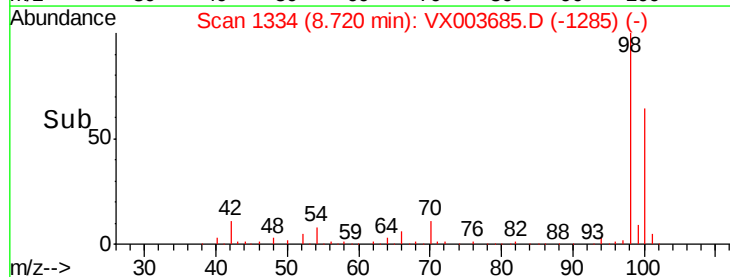
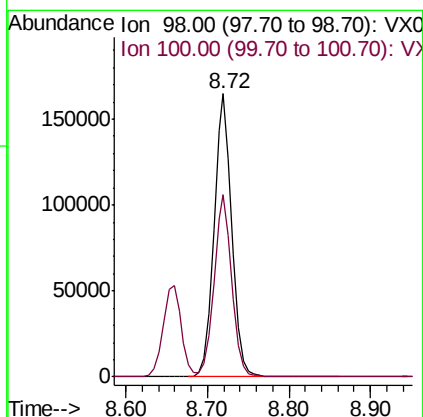
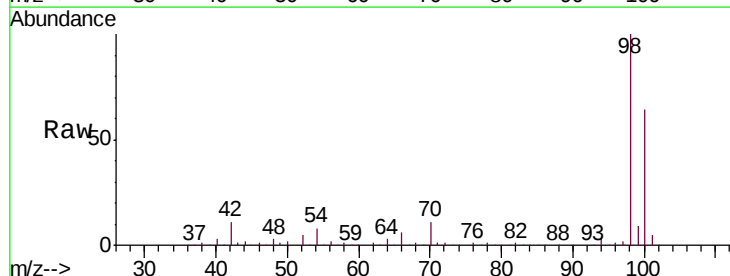
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 38652
Ion Ratio Lower Upper
88 100
43 31.9 25.8 38.6
58 72.0 58.3 87.5



#50
Toluene-d8
Concen: 48.73 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 98 Resp: 252293
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 246.11 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

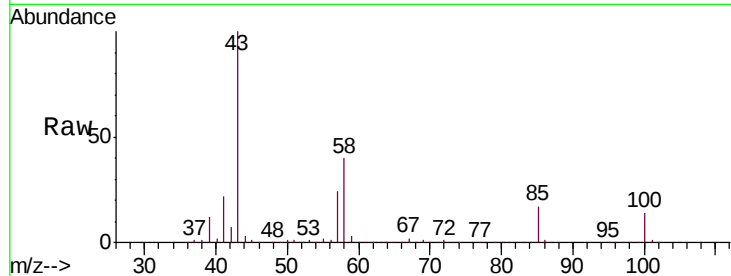
VSTDCCC050EC

Tot Ion: 43 Resp: 565095

Ion Ratio Lower Upper

43 100

58 39.3 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

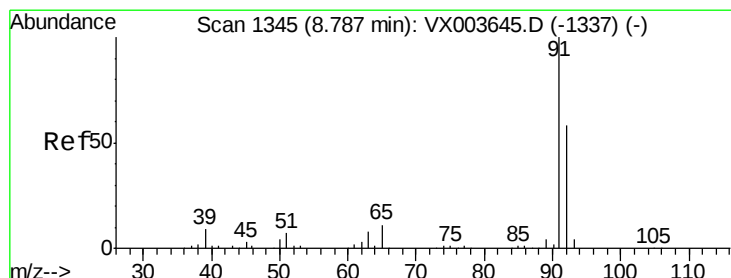
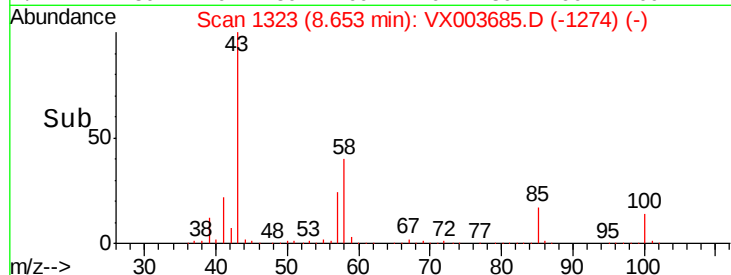
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.85 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003685.D

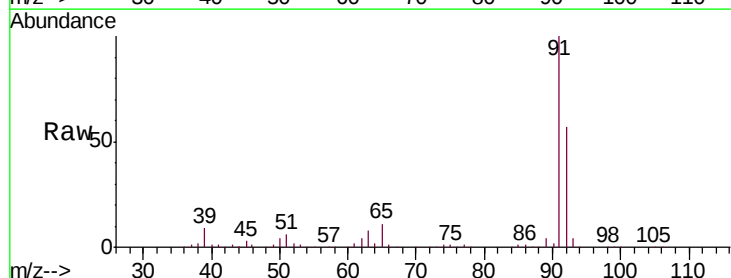
Acq: 26 Jul 2018 21:59

Tgt Ion: 92 Resp: 174308

Ion Ratio Lower Upper

92 100

91 174.6 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

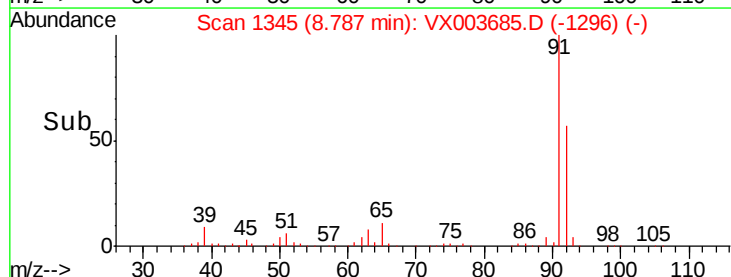
150000

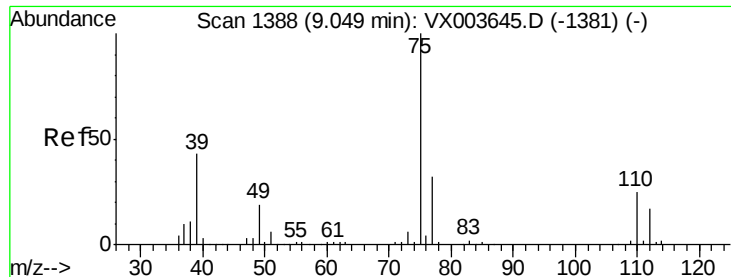
100000

50000

0

Time-->

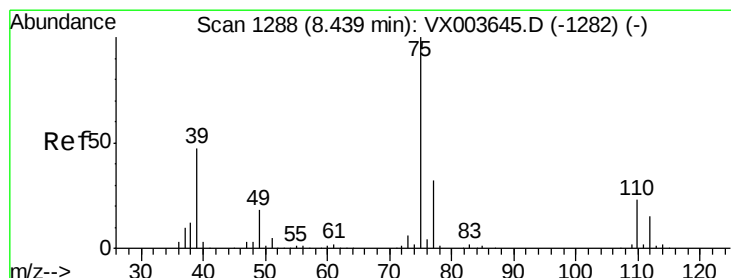
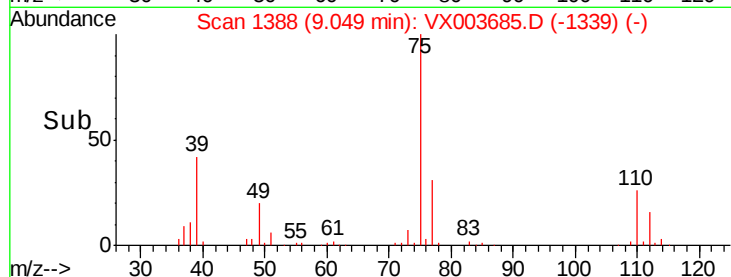
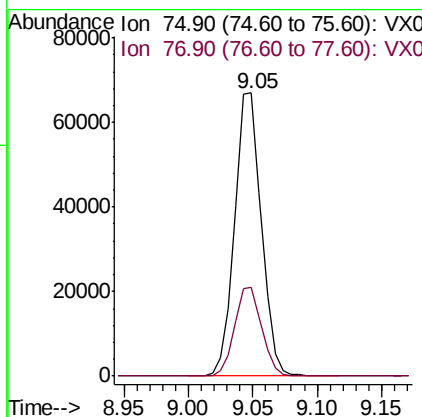
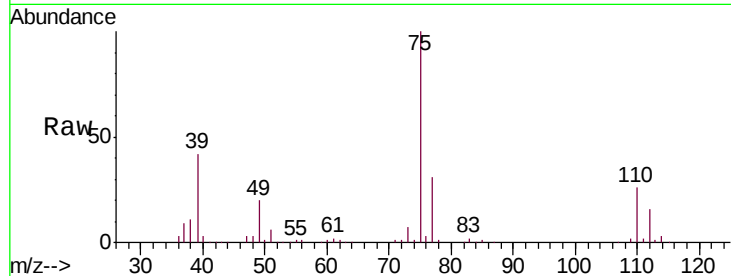




#53
t-1,3-Dichloropropene
Concen: 49.05 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

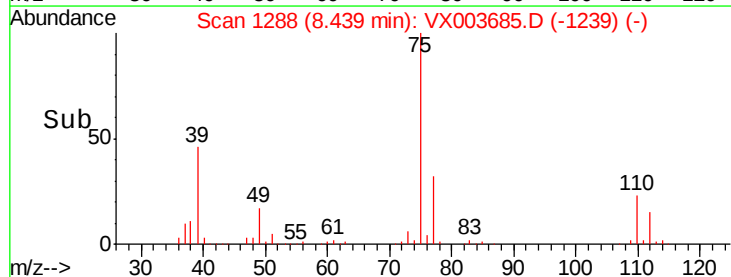
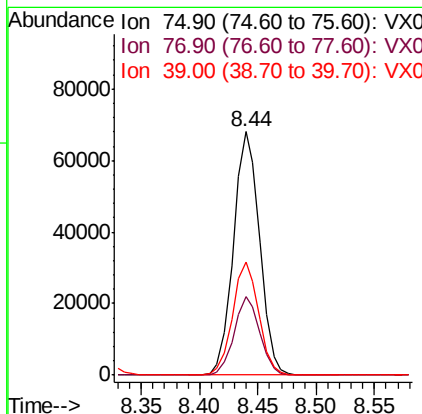
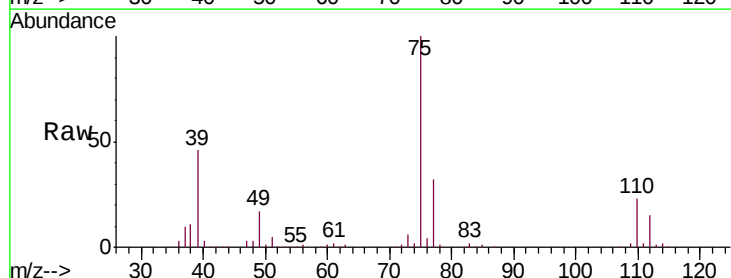
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

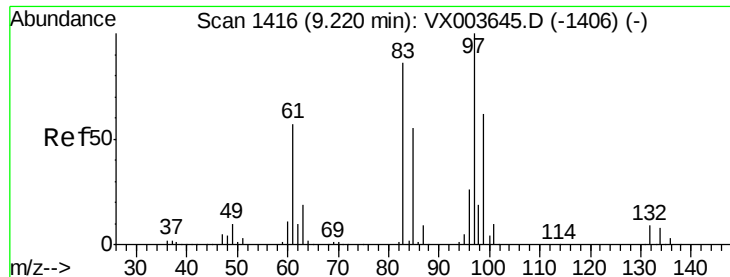
Tot Ion: 75 Resp: 97061
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 48.93 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 75 Resp: 106548
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
39 46.4 38.0 57.0

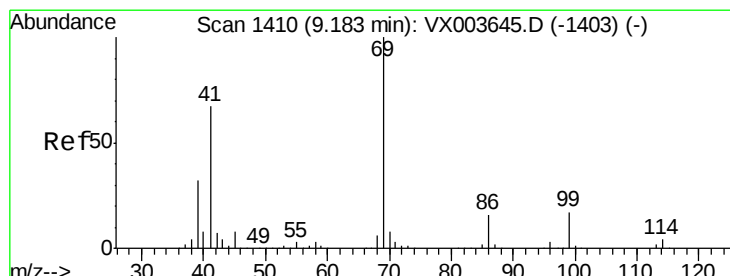
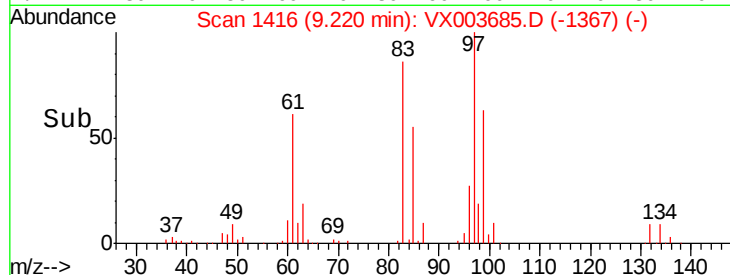
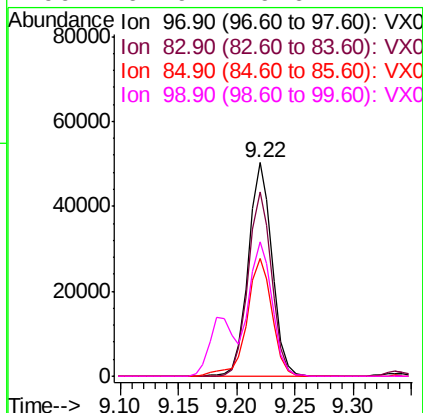
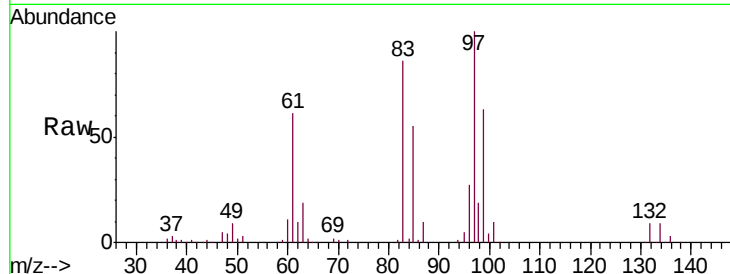




#55
 1,1,2-Trichloroethane
 Concen: 49.23 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003685.D
 Acq: 26 Jul 2018 21:59

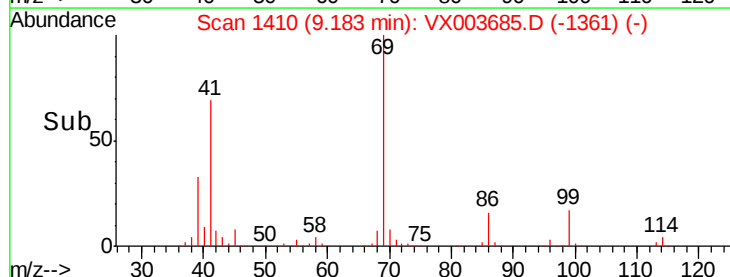
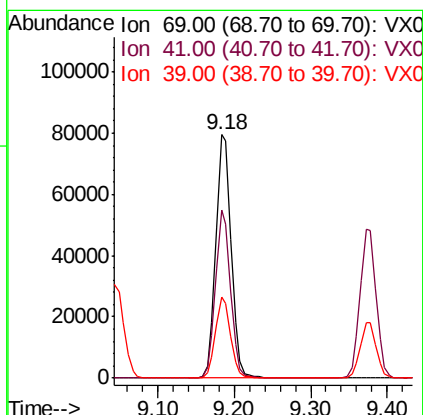
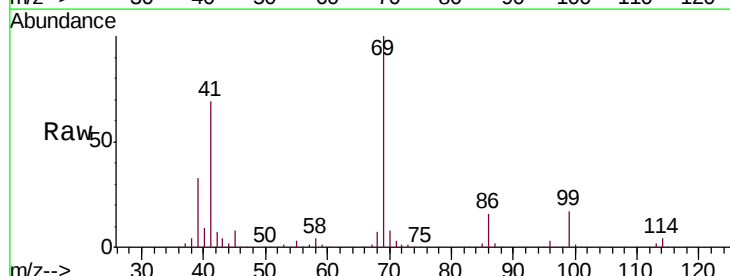
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

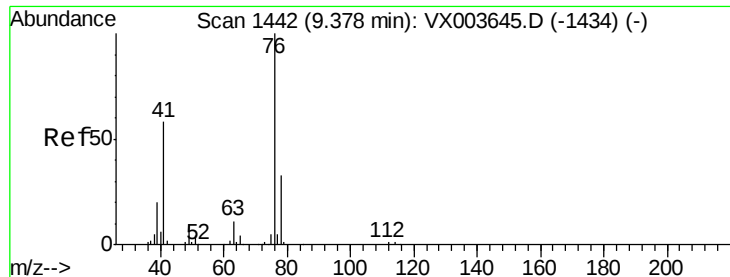
Tot Ion: 97 Resp: 71811
 Ion Ratio Lower Upper
 97 100
 83 86.5 68.7 103.1
 85 55.3 43.7 65.5
 99 62.9 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 51.06 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003685.D
 Acq: 26 Jul 2018 21:59

Tgt Ion: 69 Resp: 110836
 Ion Ratio Lower Upper
 69 100
 41 67.4 53.8 80.6
 39 32.7 25.8 38.8





#57

1,3-Dichloropropane

Concen: 48.95 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

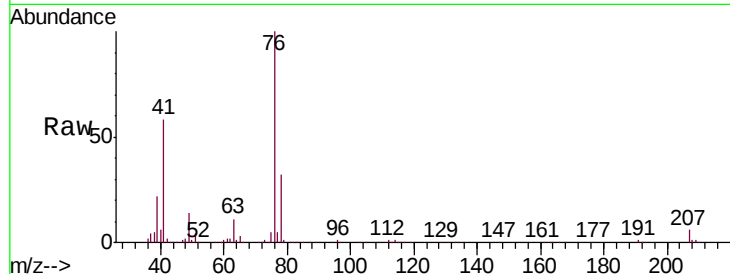
VSTDCCC050EC

Tot Ion: 76 Resp: 119902

Ion Ratio Lower Upper

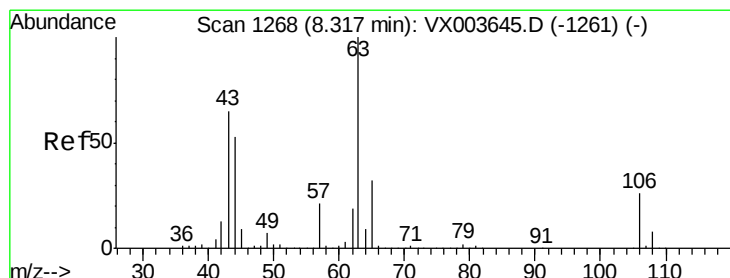
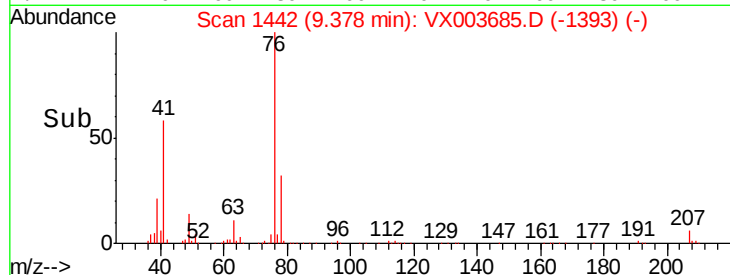
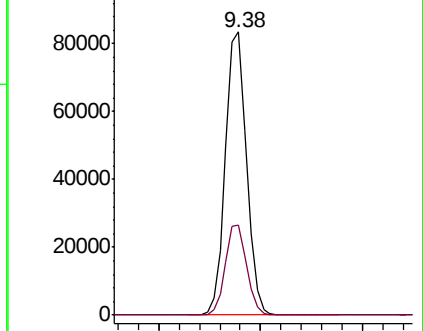
76 100

78 32.0 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: 258.56 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003685.D

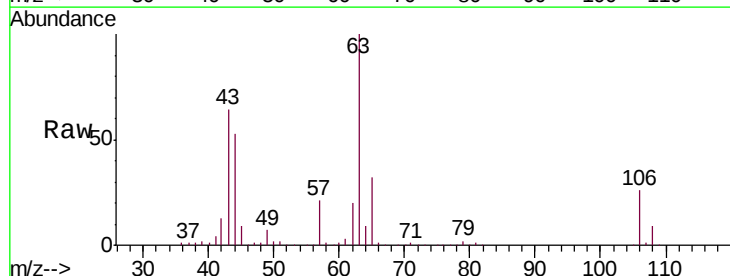
Acq: 26 Jul 2018 21:59

Tgt Ion: 63 Resp: 282040

Ion Ratio Lower Upper

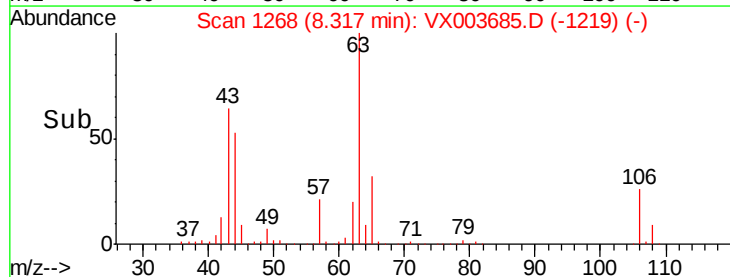
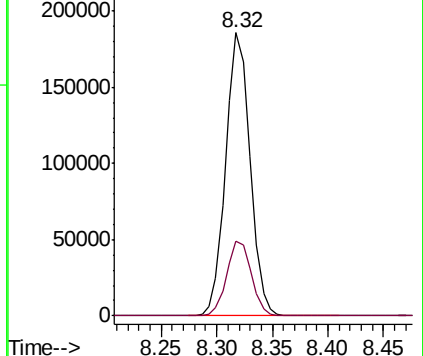
63 100

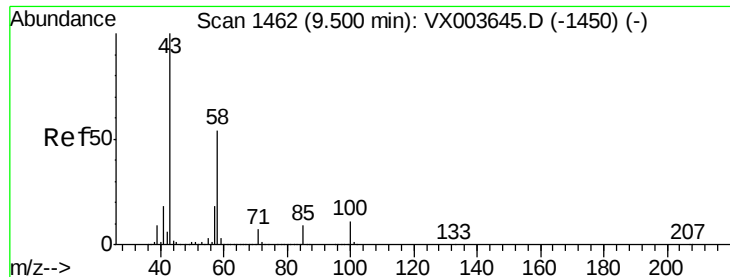
106 26.8 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

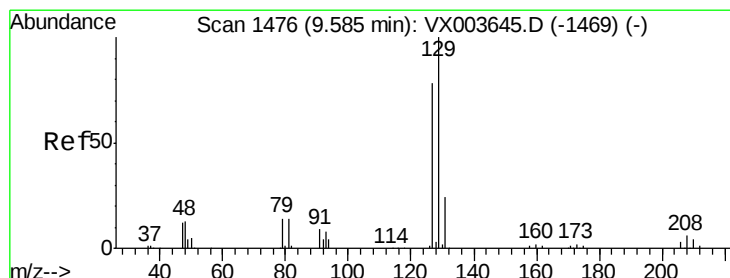
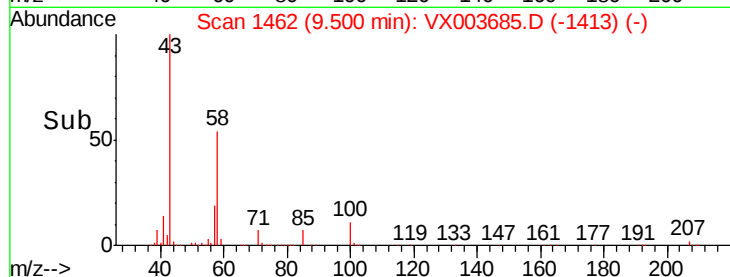
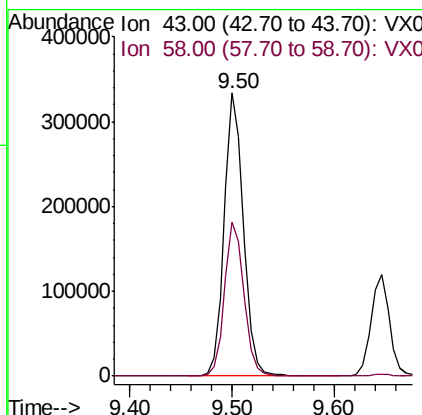
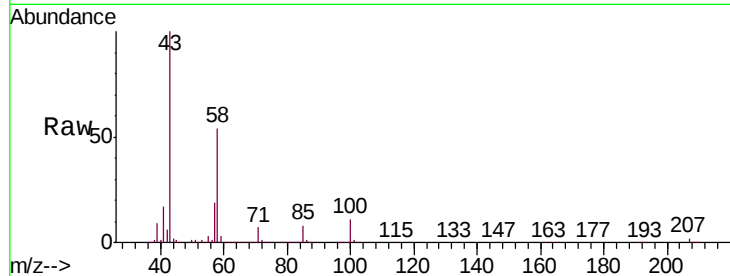




#59
2-Hexanone
Concen: 247.73 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

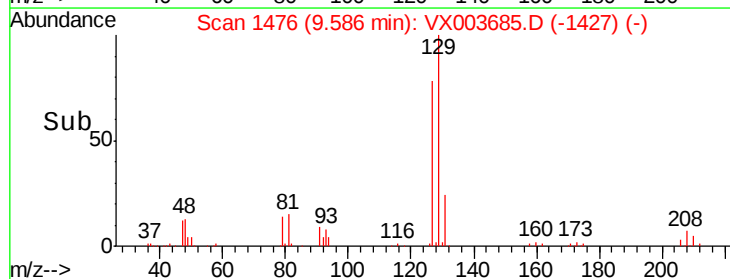
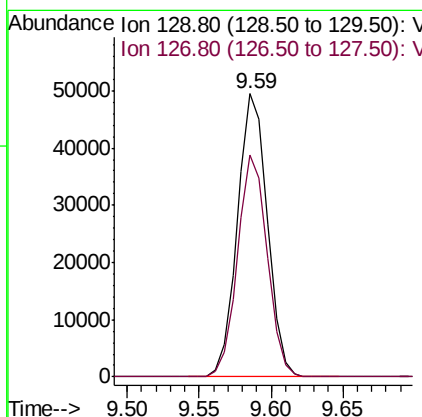
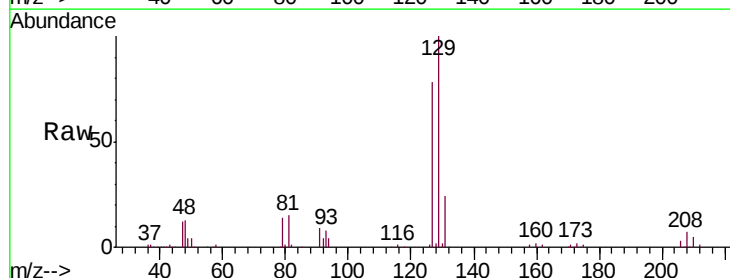
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

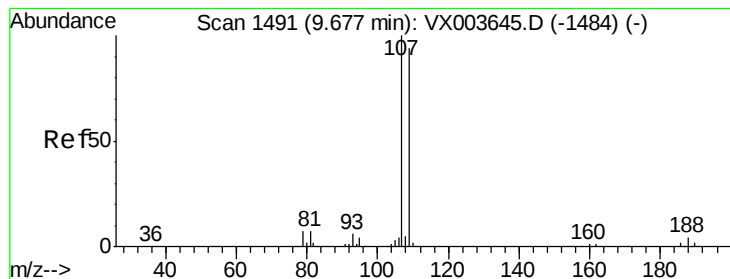
Tot Ion: 43 Resp: 436335
Ion Ratio Lower Upper
43 100
58 54.7 27.3 81.9



#60
Dibromochloromethane
Concen: 51.68 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 129 Resp: 71496
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 48.99 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

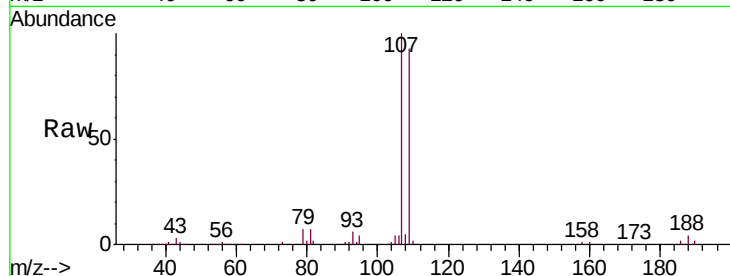
VSTDCCC050EC

Tot Ion: 107 Resp: 74410

Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

60000

50000

40000

30000

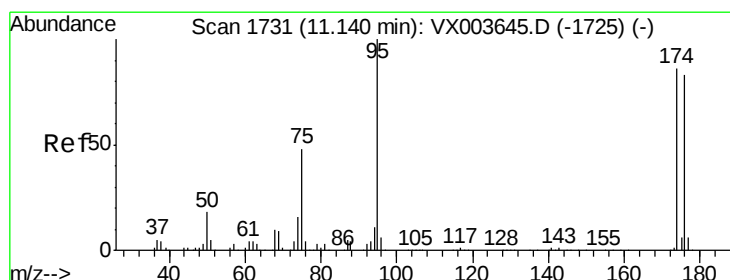
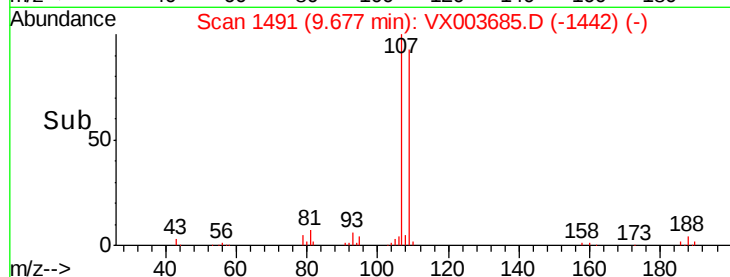
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.05 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

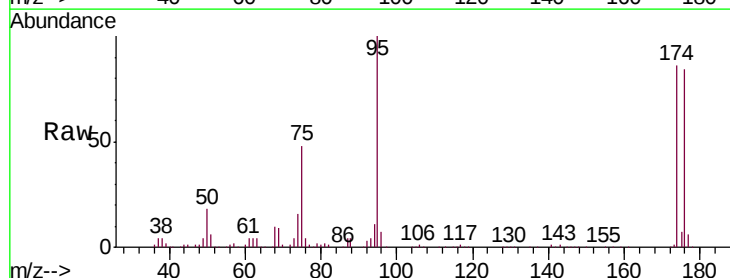
Tgt Ion: 95 Resp: 92625

Ion Ratio Lower Upper

95 100

174 89.6 0.0 179.0

176 87.1 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

100000

80000

60000

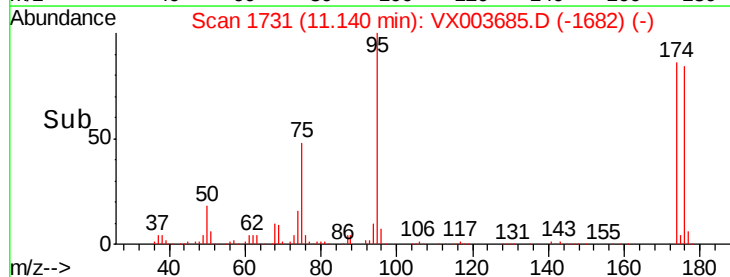
40000

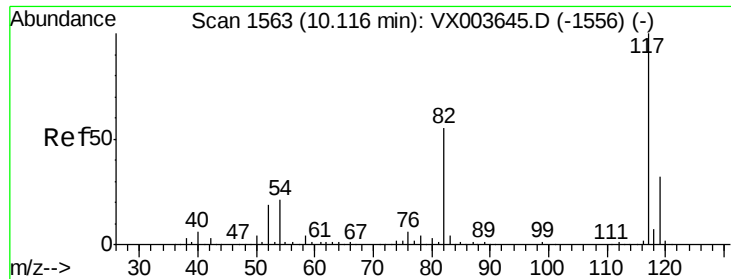
20000

0

Time-->

11.10 11.20

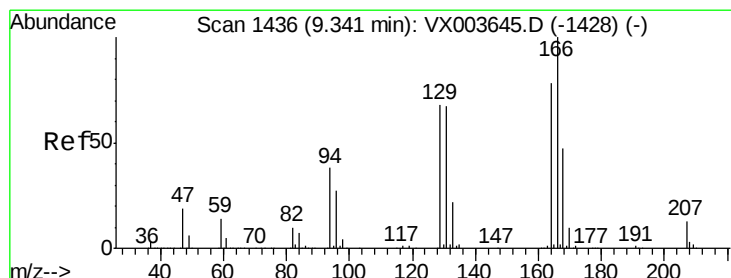
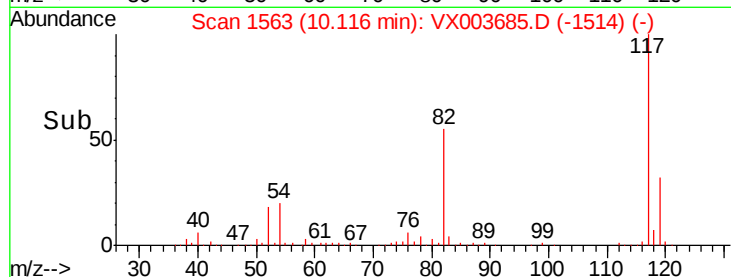
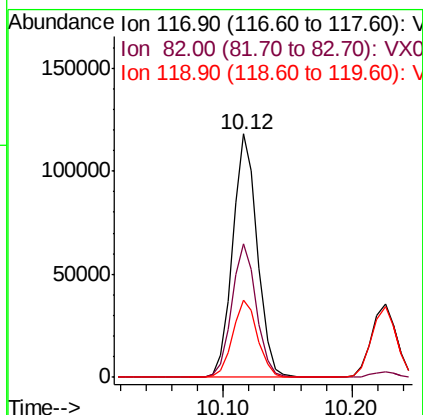
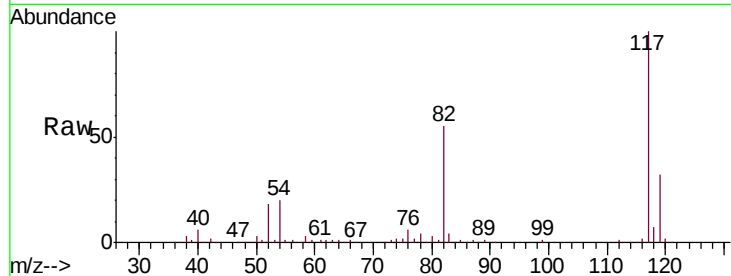




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

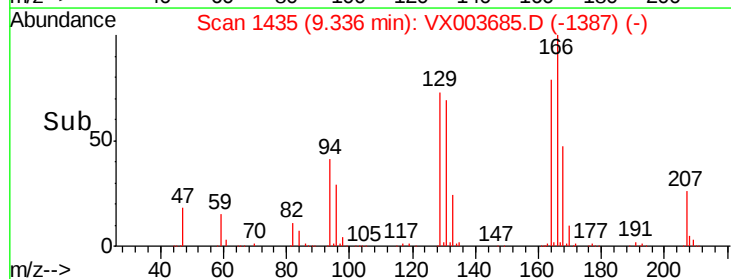
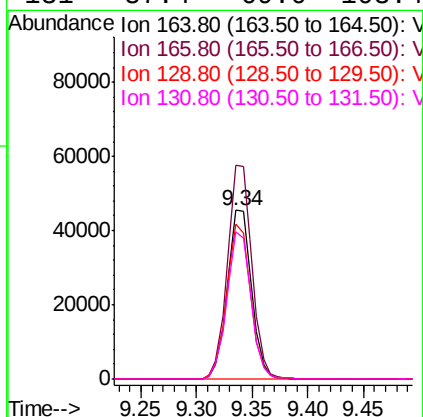
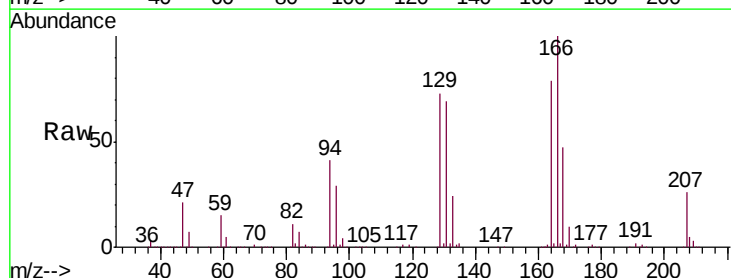
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

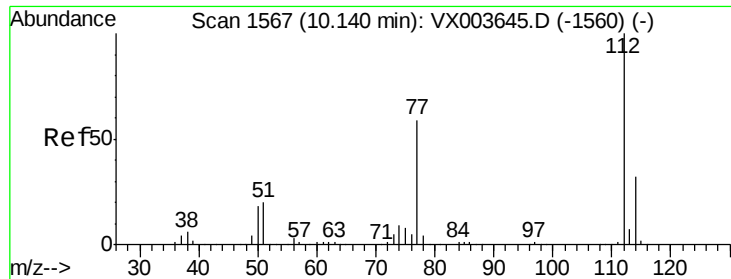
Tot Ion:117 Resp: 157246
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 47.48 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion:164 Resp: 68263
Ion Ratio Lower Upper
164 100
166 126.7 102.4 153.6
129 92.0 69.6 104.4
131 87.4 69.0 103.4

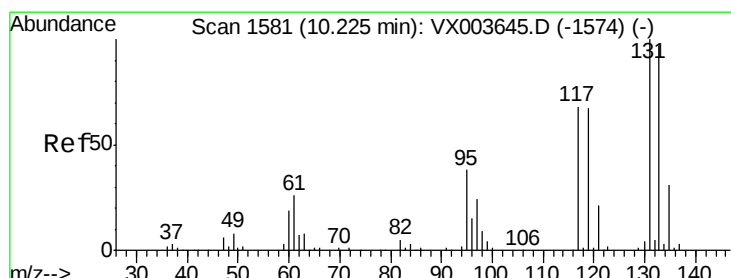
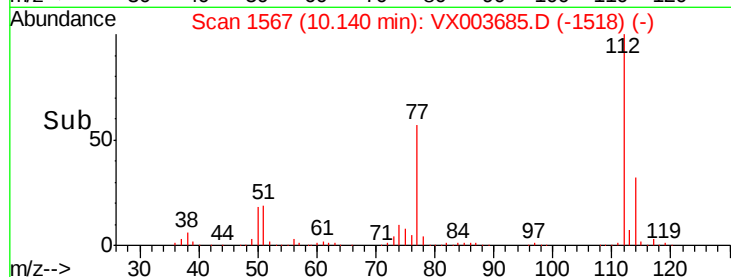
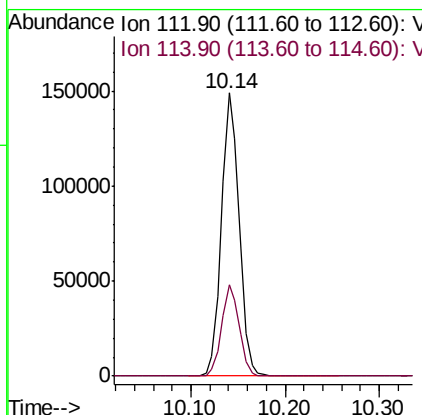
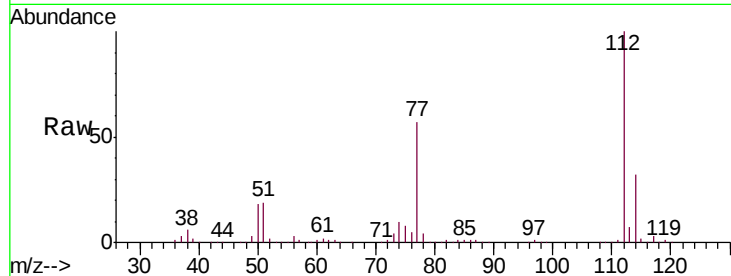




#65
Chlorobenzene
Concen: 49.01 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

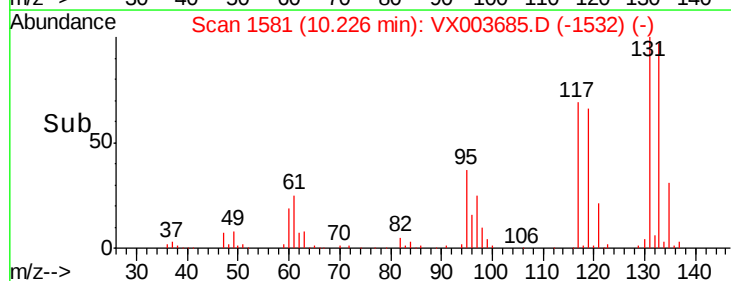
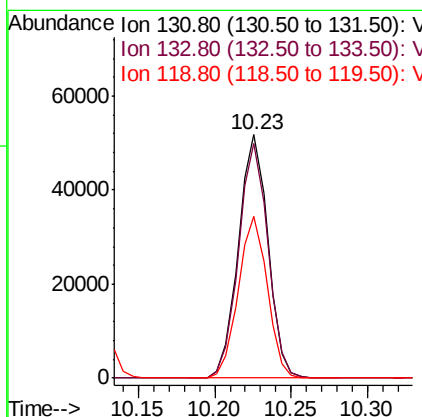
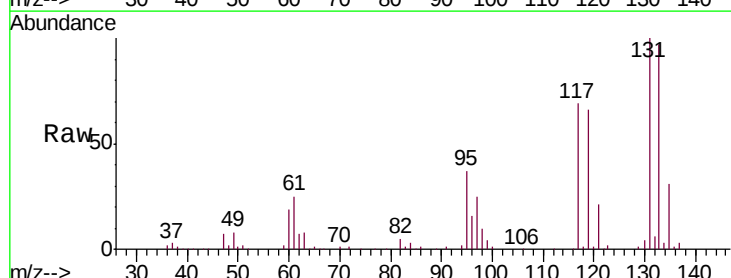
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

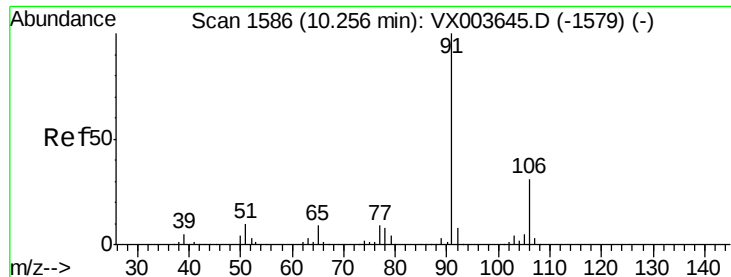
Tot Ion:112 Resp: 193944
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.36 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion:131 Resp: 69279
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.8
119 65.6 32.8 98.4

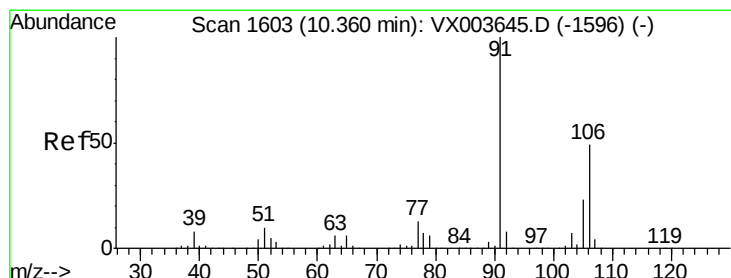
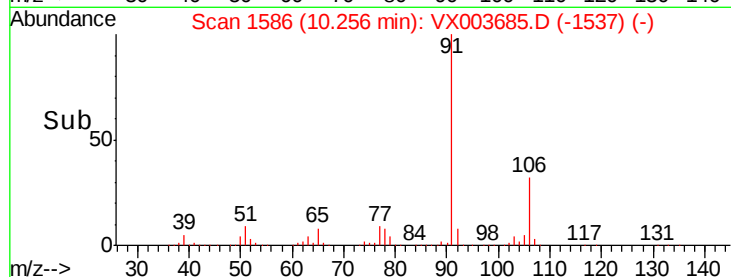
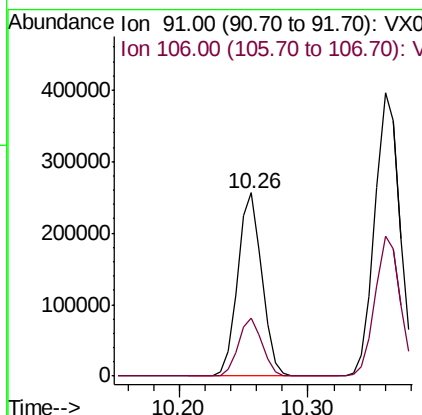
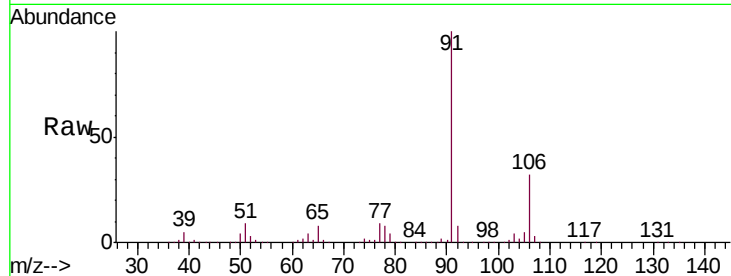




#67
Ethyl Benzene
Concen: 50.44 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

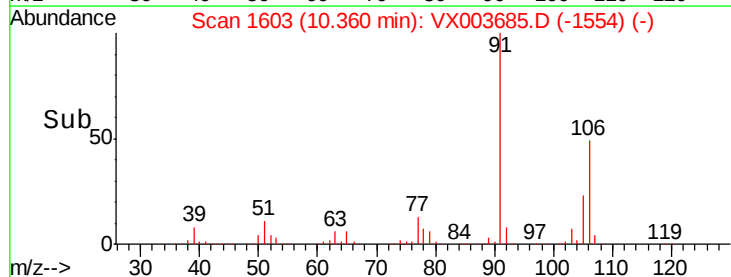
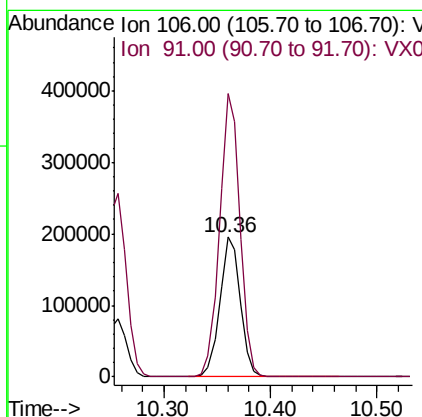
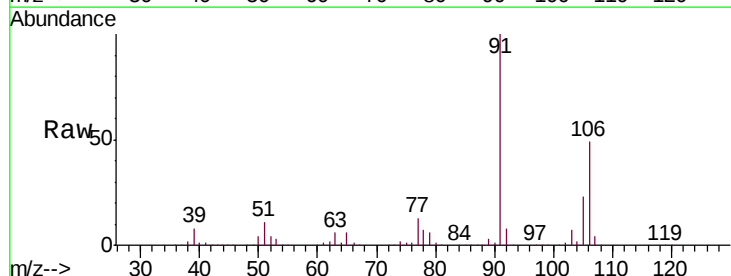
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

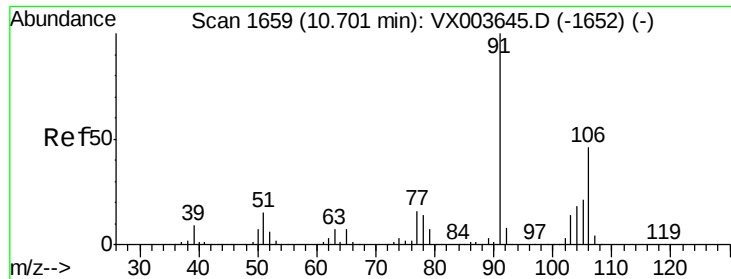
Tot Ion: 91 Resp: 334101
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 102.68 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 106 Resp: 260940
Ion Ratio Lower Upper
106 100
91 202.2 162.2 243.2

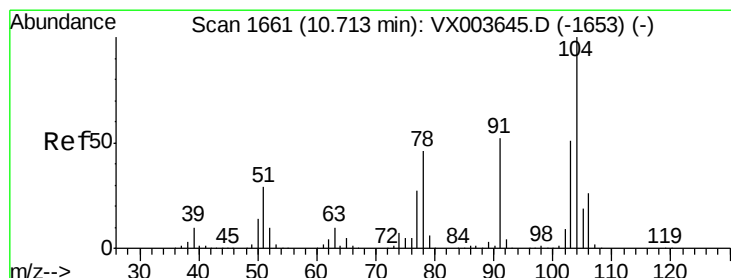
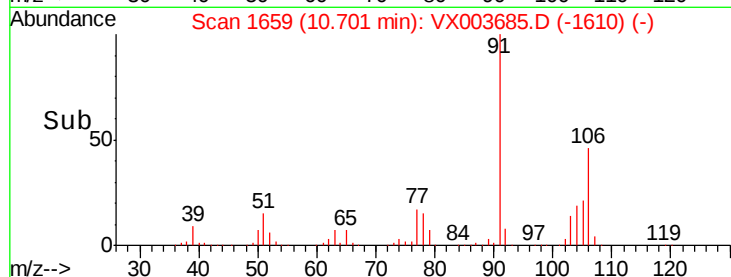
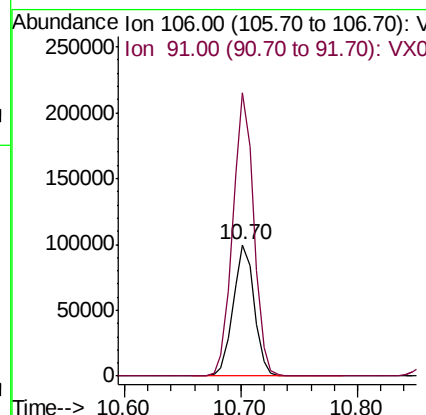
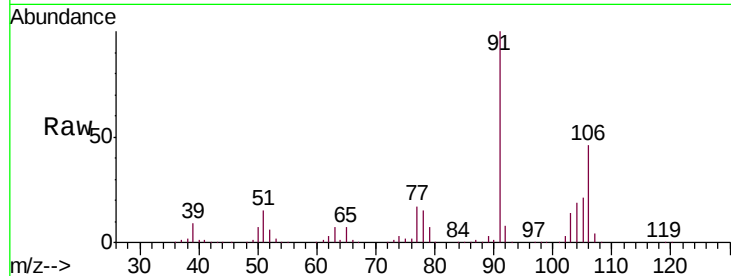




#69
o-Xylene
Concen: 51.37 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

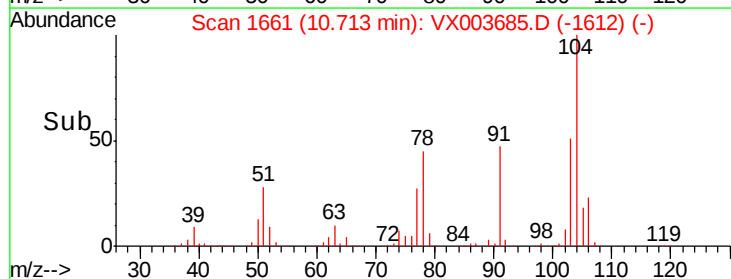
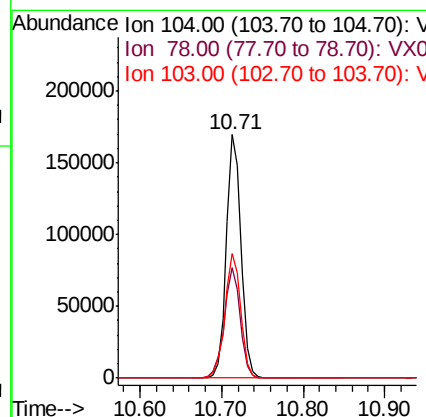
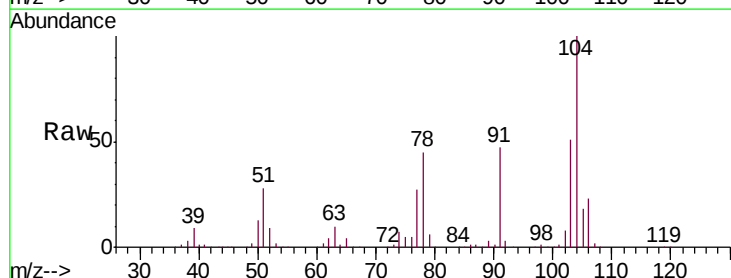
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 125663
Ion Ratio Lower Upper
106 100
91 214.2 107.1 321.1



#70
Styrene
Concen: 51.98 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion:104 Resp: 213599
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 55.2 44.2 66.4





#71

Bromoform

Concen: 51.69 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

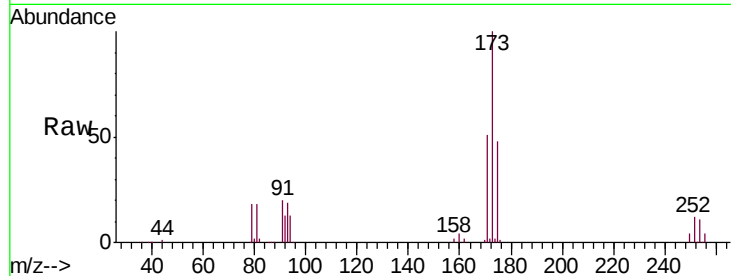
Tot Ion:173 Resp: 56236

Ion Ratio Lower Upper

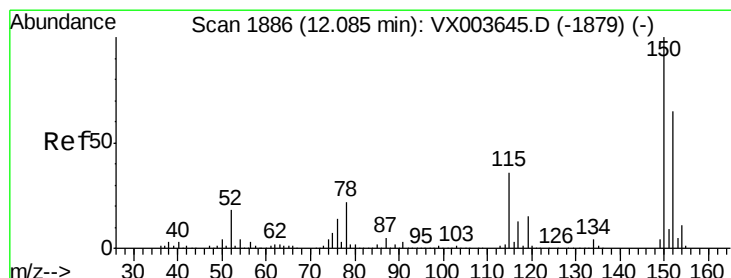
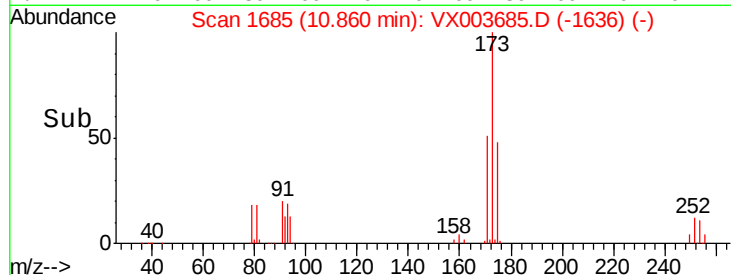
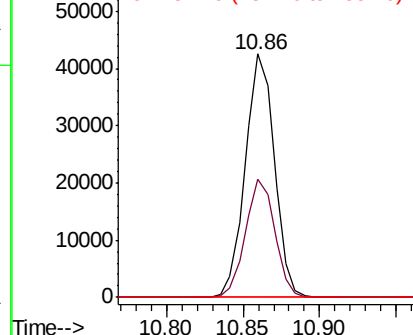
173 100

175 48.6 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: VX003685.D

Acq: 26 Jul 2018 21:59

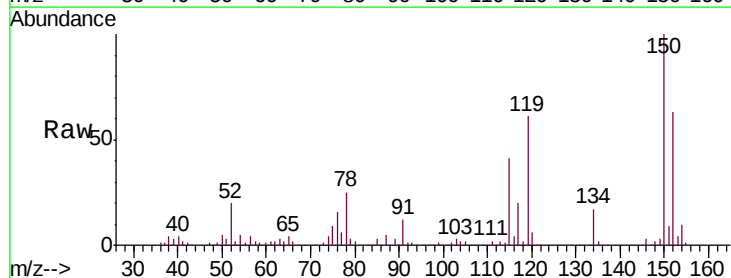
Tgt Ion:152 Resp: 98072

Ion Ratio Lower Upper

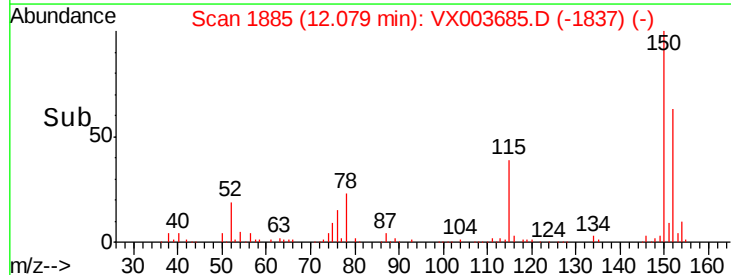
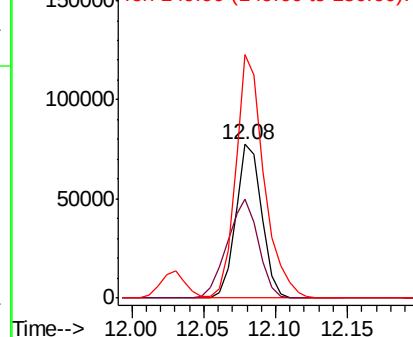
152 100

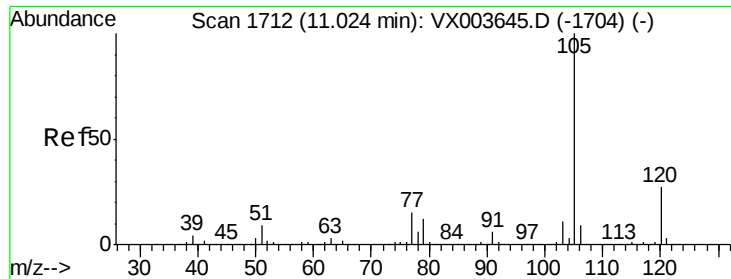
115 78.0 40.0 119.9

150 171.7 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: 50.50 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

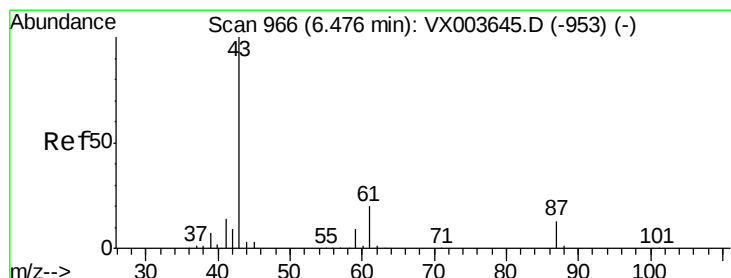
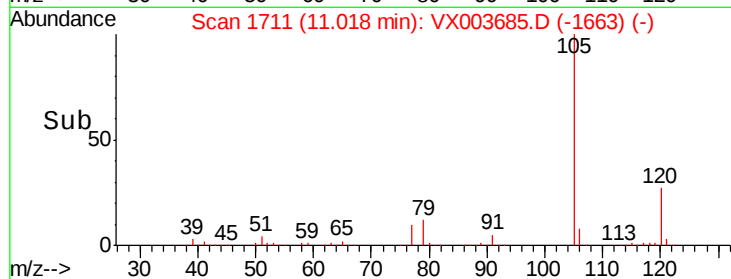
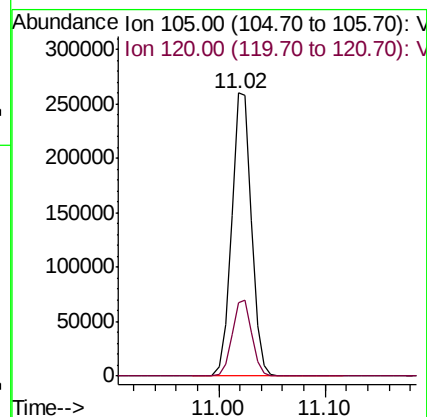
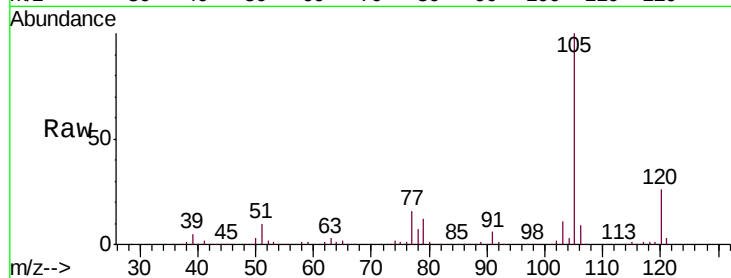
VSTDCCC050EC

Tot Ion:105 Resp: 338383

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.5



#74

N-ethyl acetate

Concen: 46.51 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Tgt Ion: 43 Resp: 162522

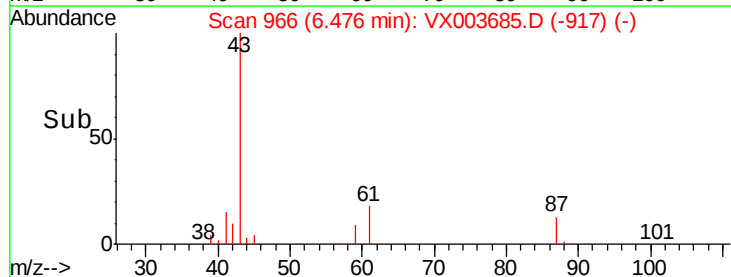
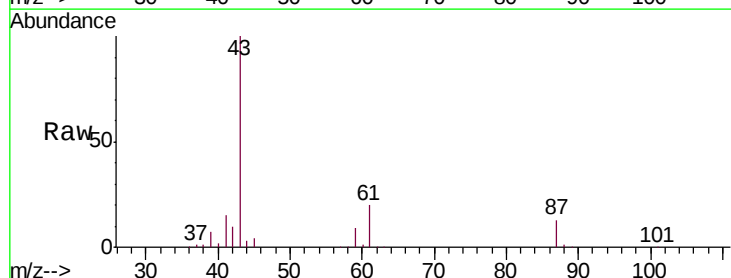
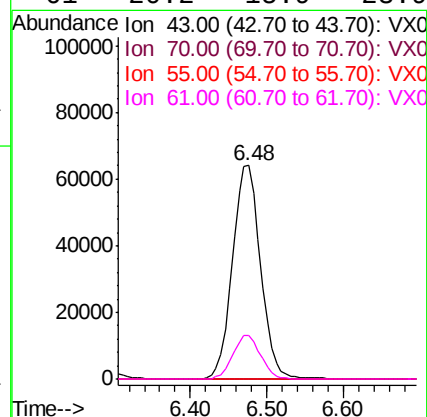
Ion Ratio Lower Upper

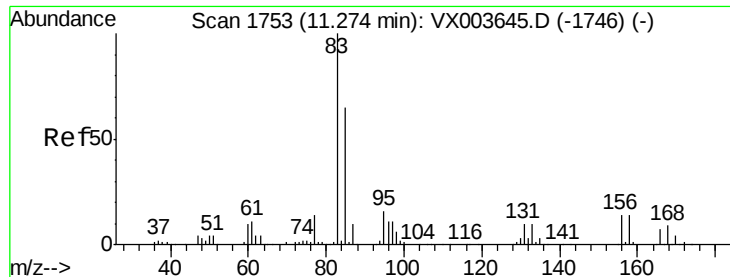
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 20.2 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 46.97 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

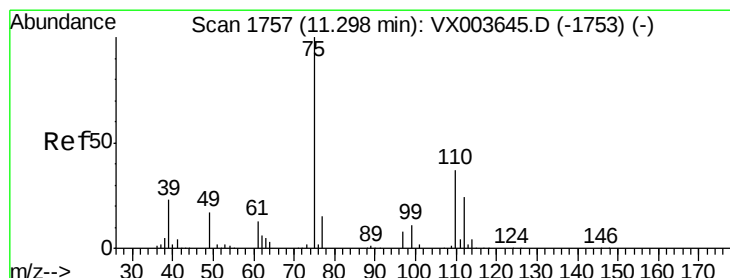
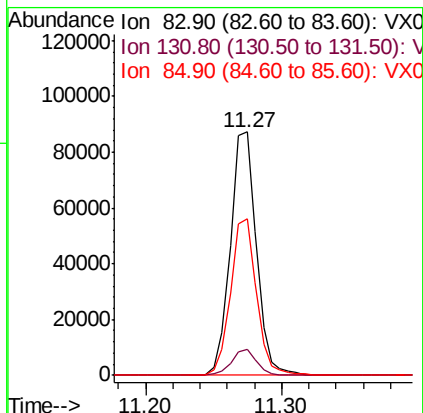
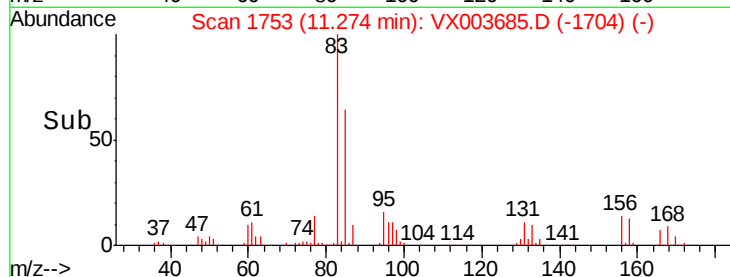
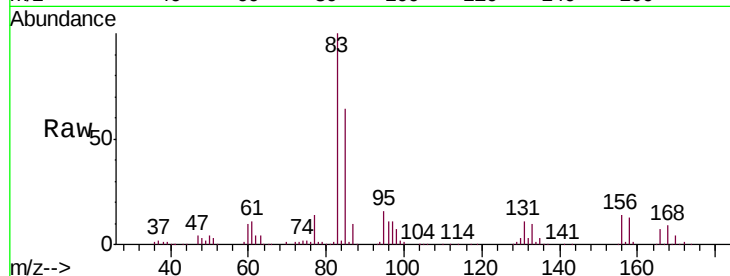
Tot Ion: 83 Resp: 116217

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

85 64.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 63.46 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003685.D

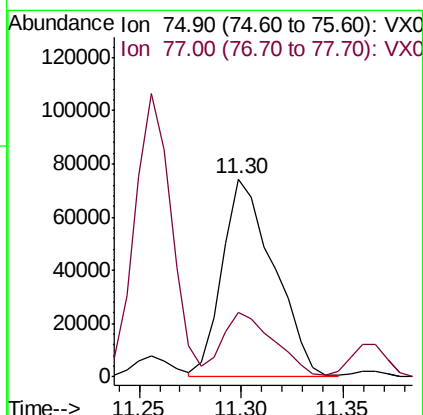
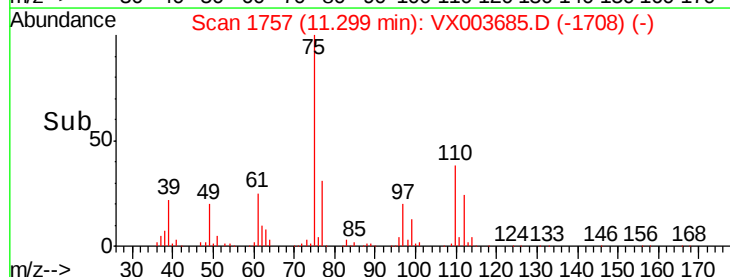
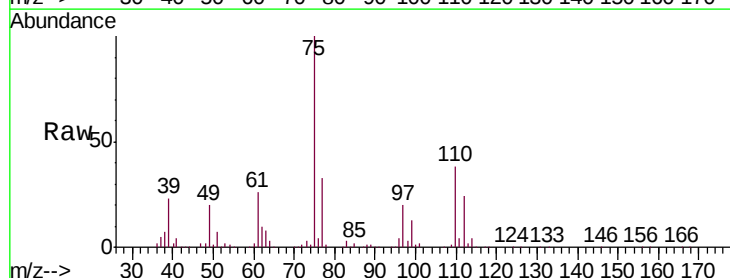
Acq: 26 Jul 2018 21:59

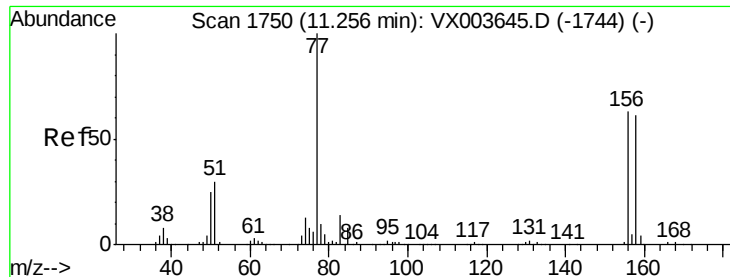
Tgt Ion: 75 Resp: 130534

Ion Ratio Lower Upper

75 100

77 32.4 21.6 64.6

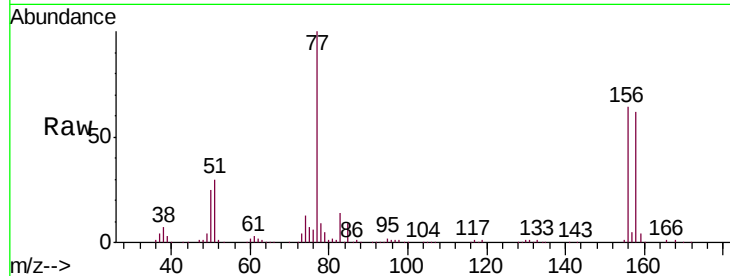




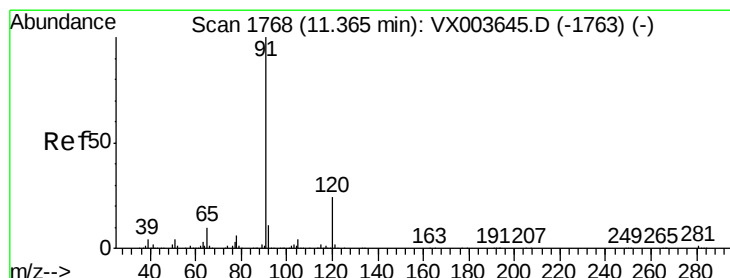
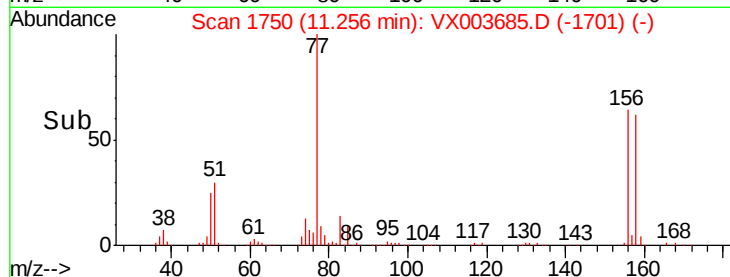
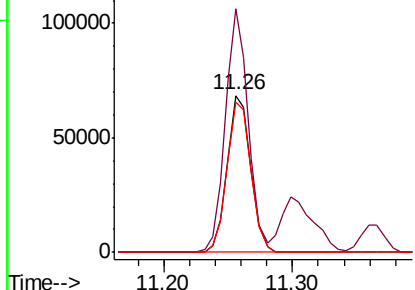
#77
Bromobenzene
Concen: 48.65 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 88542
Ion Ratio Lower Upper
156 100
77 149.9 74.9 224.6
158 97.1 48.4 145.2

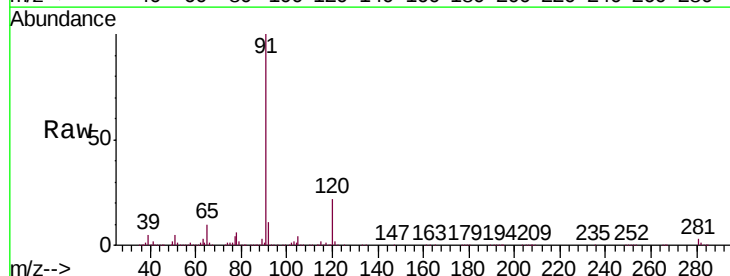


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

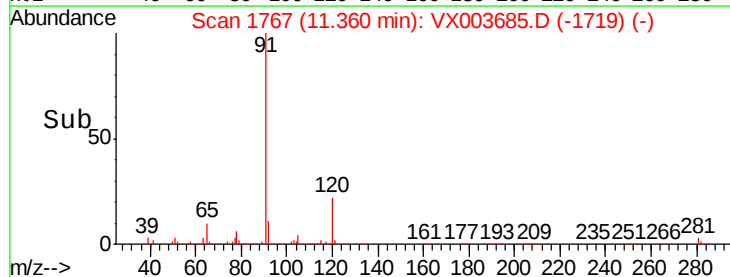
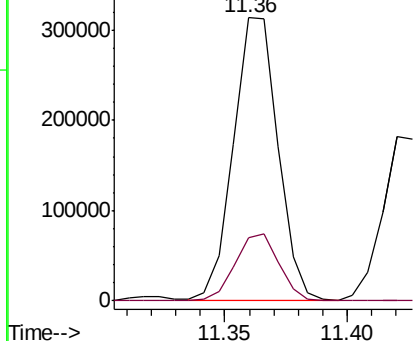


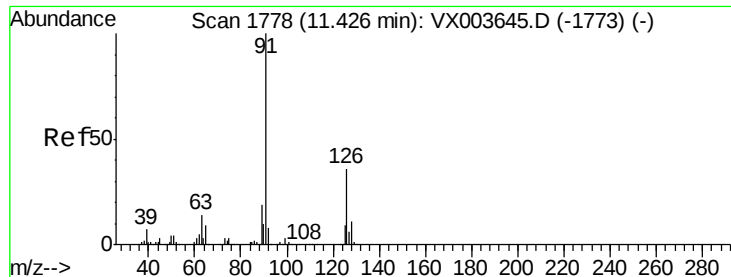
#78
n-propylbenzene
Concen: 51.04 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.01 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 91 Resp: 394891
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.38 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

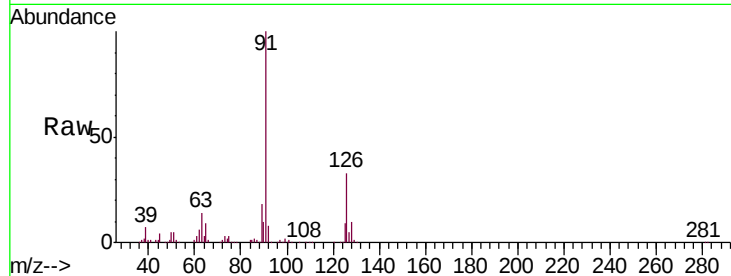
VSTDCCC050EC

Tot Ion: 91 Resp: 232229

Ion Ratio Lower Upper

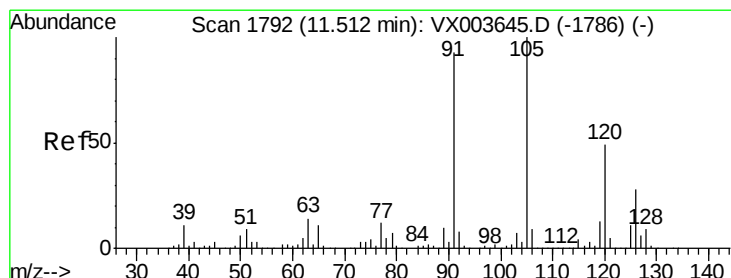
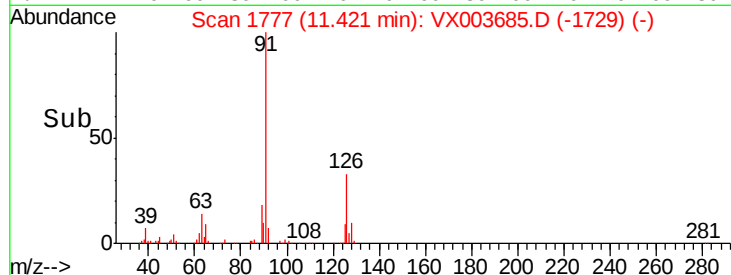
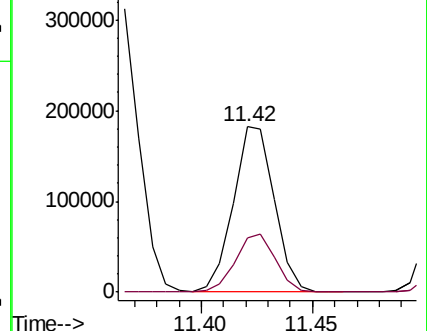
91 100

126 34.6 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: 51.20 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003685.D

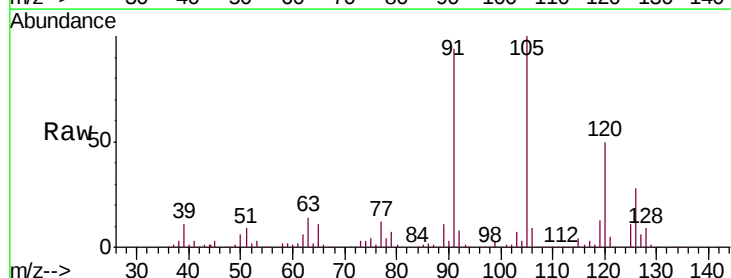
Acq: 26 Jul 2018 21:59

Tgt Ion:105 Resp: 290254

Ion Ratio Lower Upper

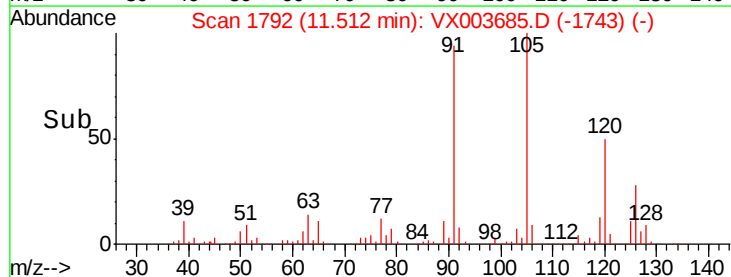
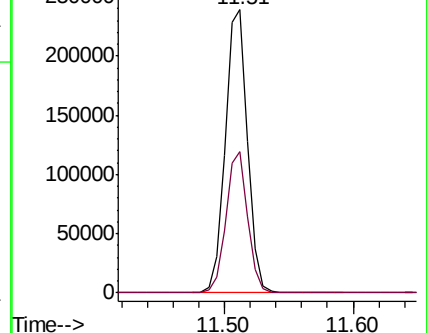
105 100

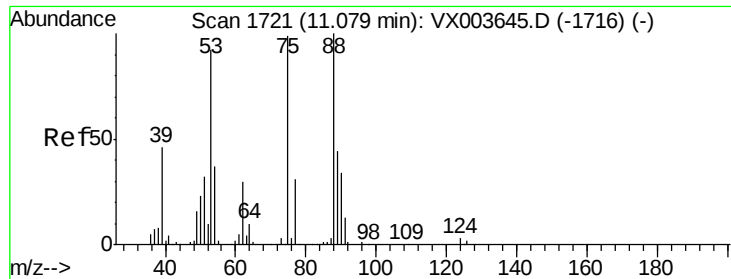
120 48.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

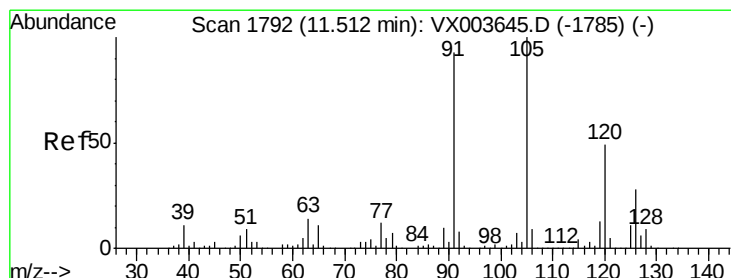
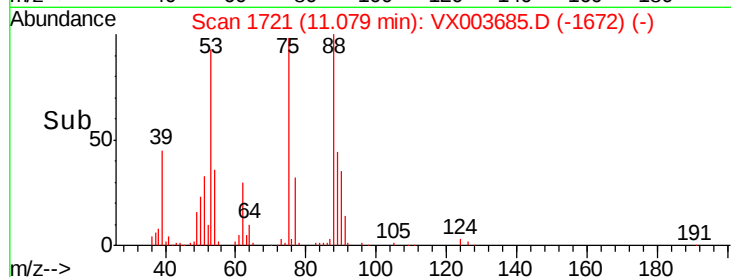
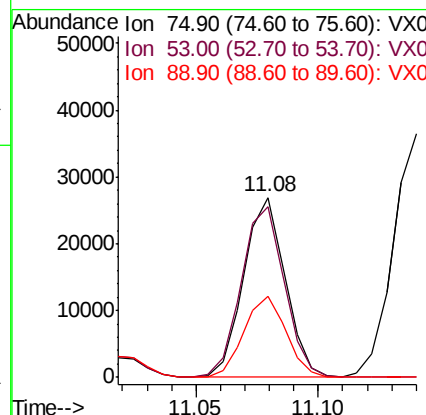
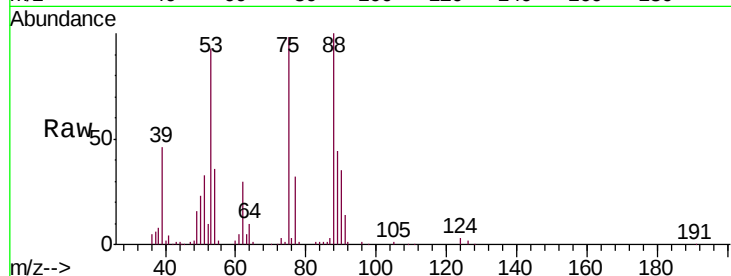




#81
trans-1,4-Dichloro-2-butene
Concen: 47.96 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

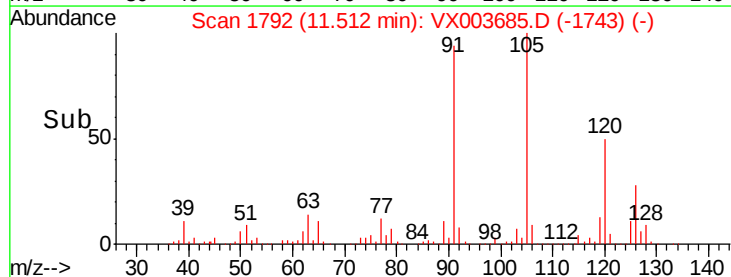
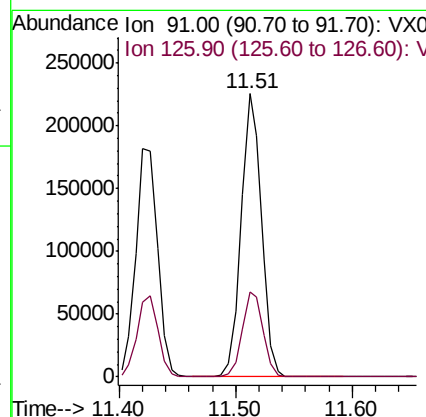
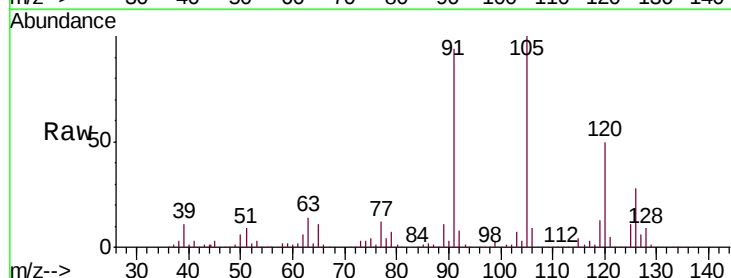
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

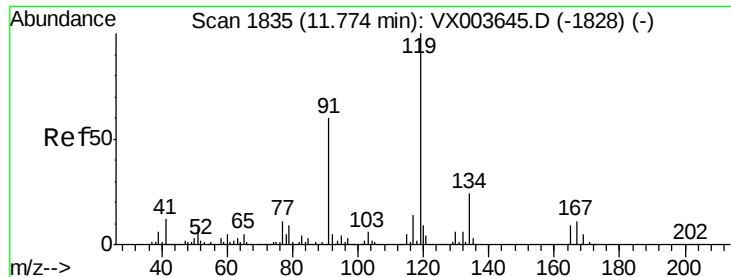
Tot Ion: 75 Resp: 31839
Ion Ratio Lower Upper
75 100
53 99.1 77.8 116.8
89 45.9 36.6 54.8



#82
4-Chlorotoluene
Concen: 49.63 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003685.D
Acq: 26 Jul 2018 21:59

Tgt Ion: 91 Resp: 274925
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.1

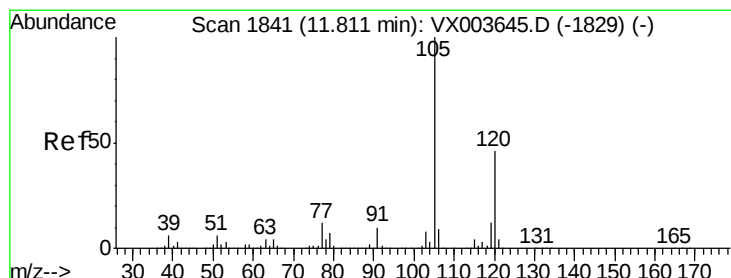
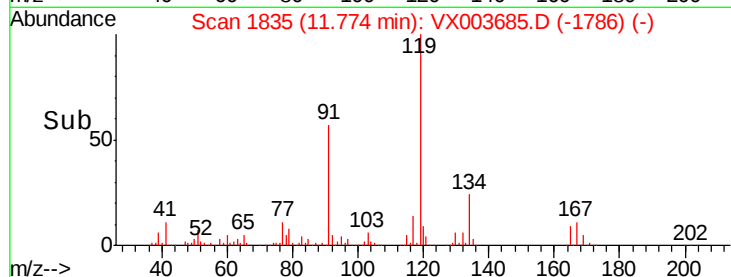
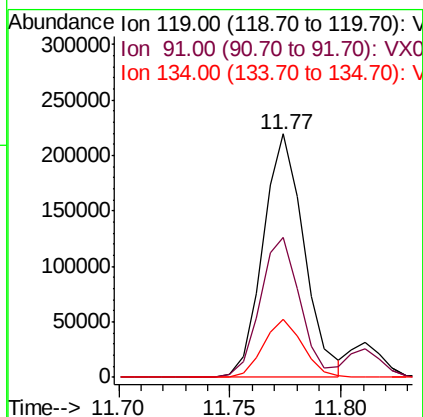
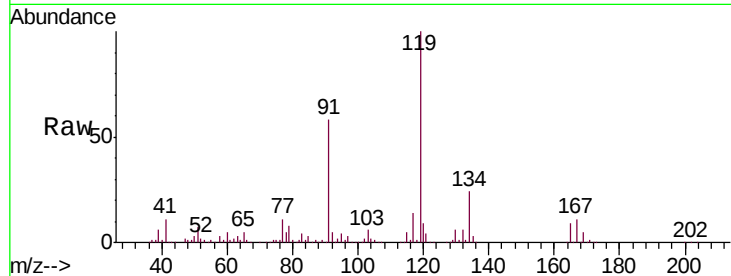




#83
 tert-Butylbenzene
 Concen: 50.61 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003685.D
 Acq: 26 Jul 2018 21:59

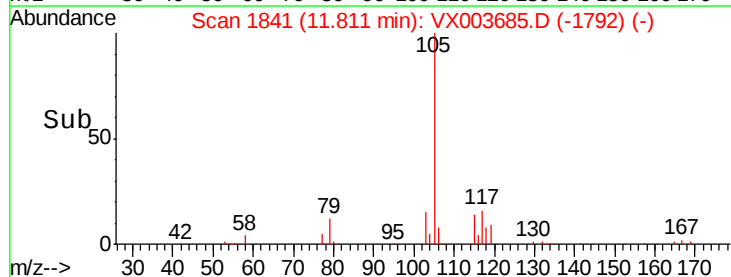
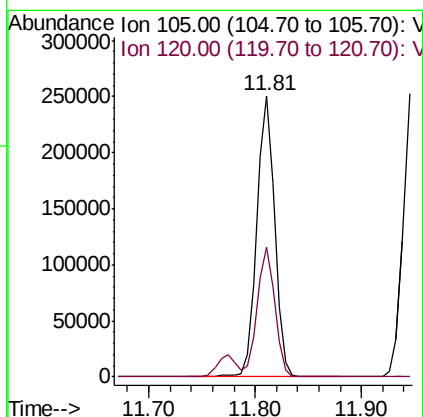
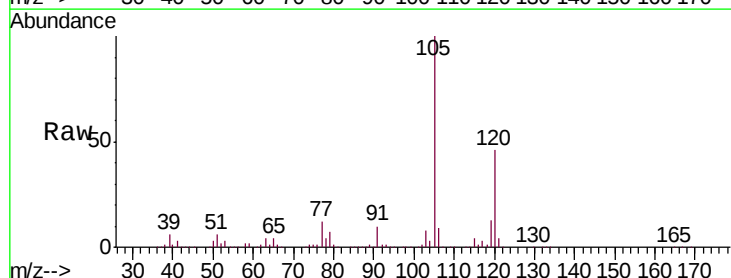
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

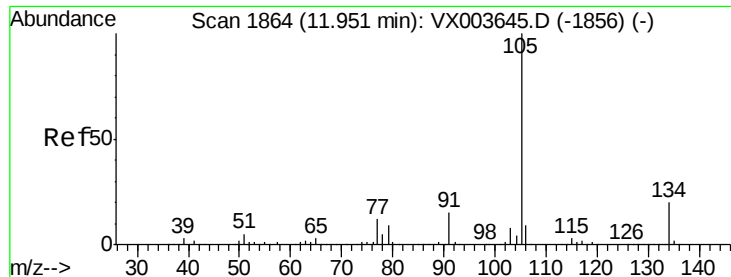
Tot Ion:119 Resp: 280747
 Ion Ratio Lower Upper
 119 100
 91 55.4 28.4 85.2
 134 22.9 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.81 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003685.D
 Acq: 26 Jul 2018 21:59

Tgt Ion:105 Resp: 296032
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.8





#85

sec-Butylbenzene

Concen: 50.90 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

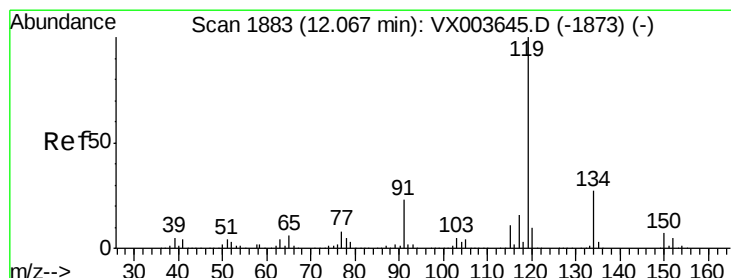
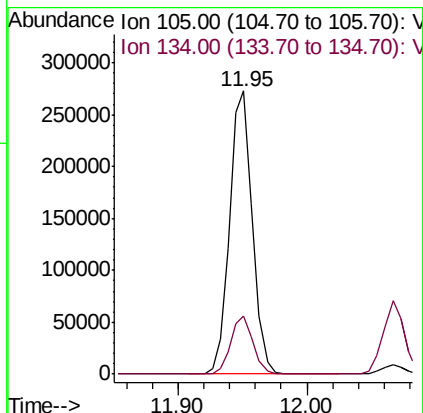
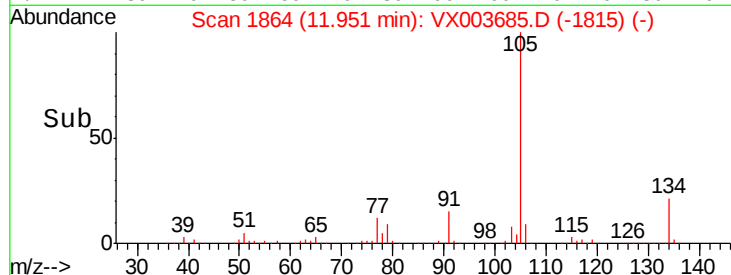
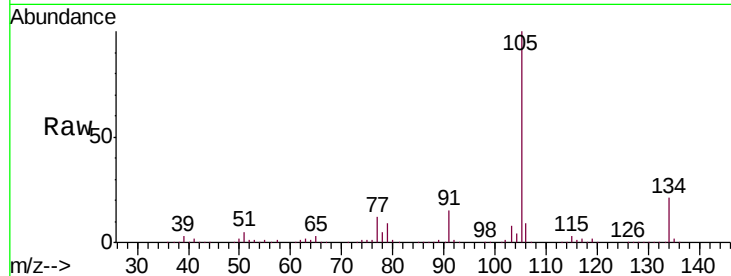
VSTDCCC050EC

Tot Ion:105 Resp: 337004

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.83 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

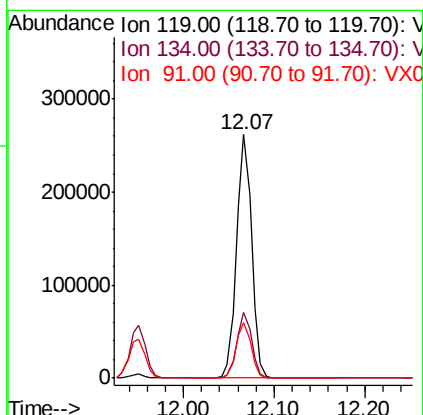
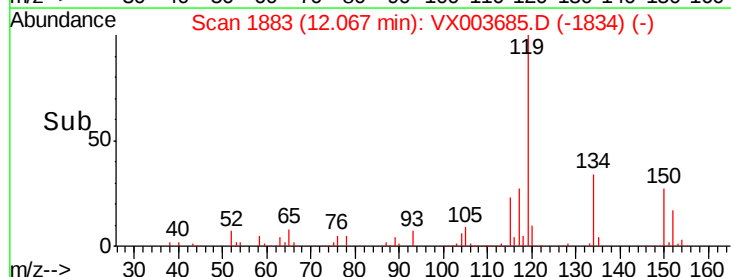
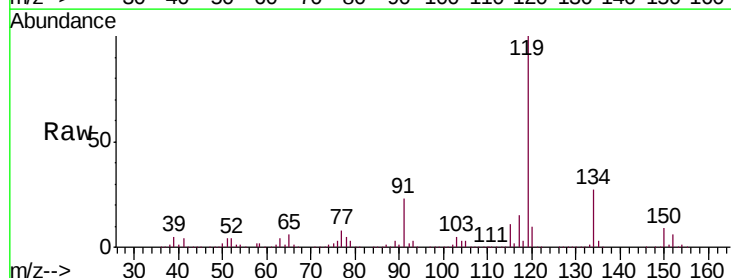
Tgt Ion:119 Resp: 302054

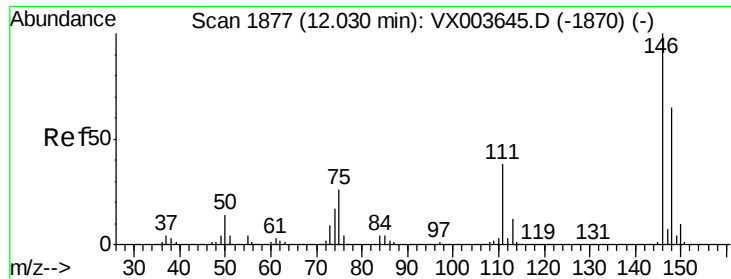
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 22.7 11.5 34.5

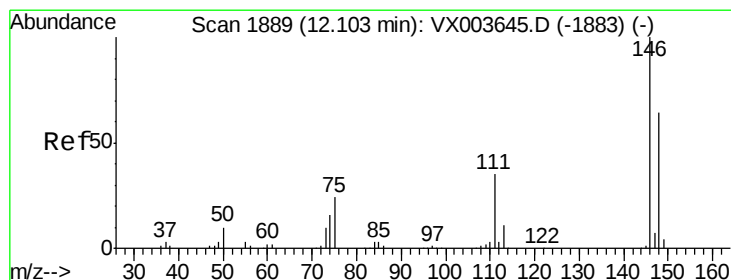
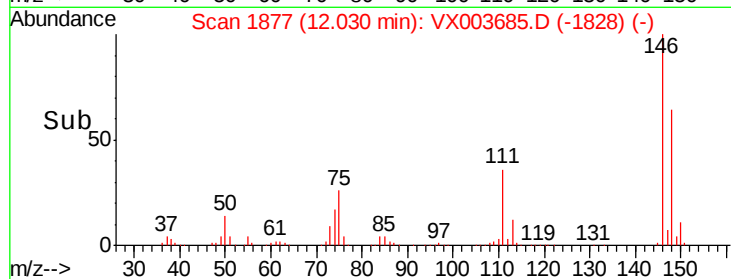
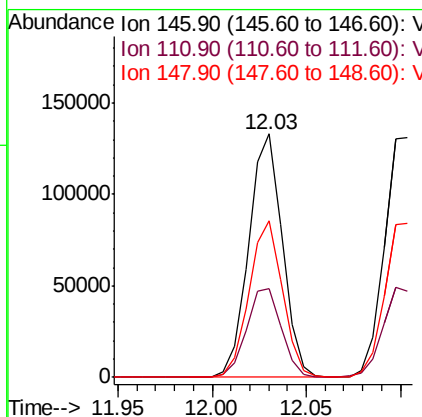
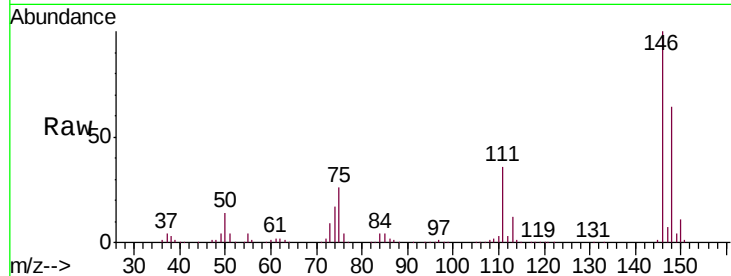




#87
 1,3-Dichlorobenzene
 Concen: 48.60 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003685.D
 Acq: 26 Jul 2018 21:59

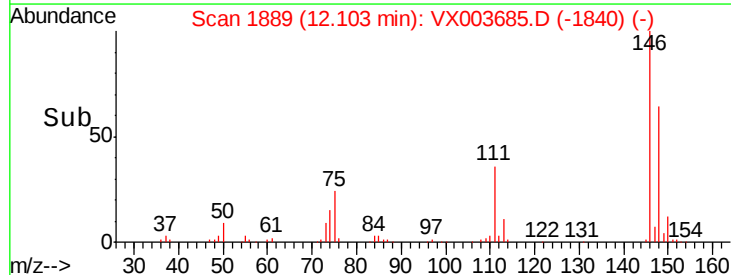
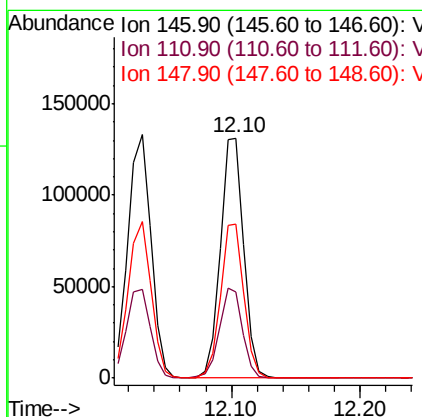
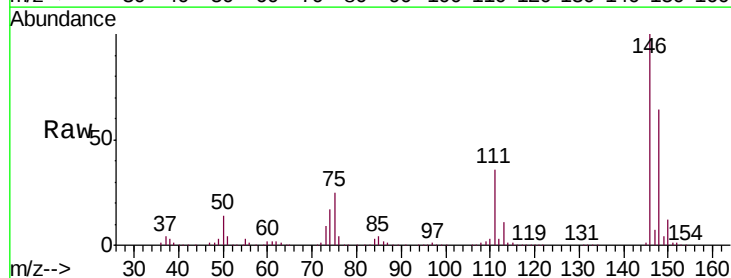
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

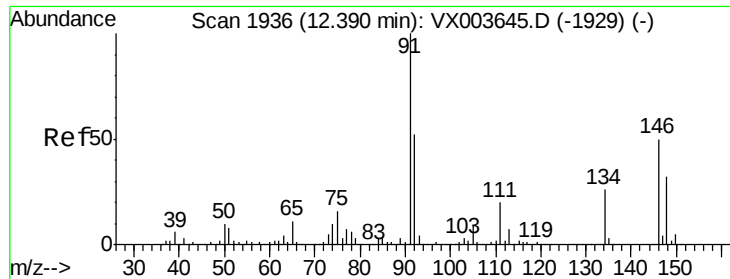
Tot Ion:146 Resp: 164717
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.4 58.2
 148 63.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 47.65 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003685.D
 Acq: 26 Jul 2018 21:59

Tgt Ion:146 Resp: 167907
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.6
 148 64.3 32.0 96.2





#89

n-Butylbenzene

Concen: 49.24 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

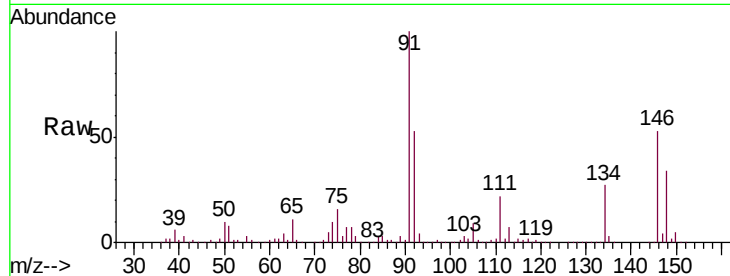
Tot Ion: 91 Resp: 263716

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.9

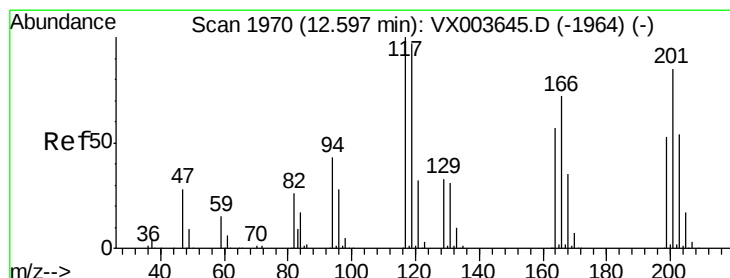
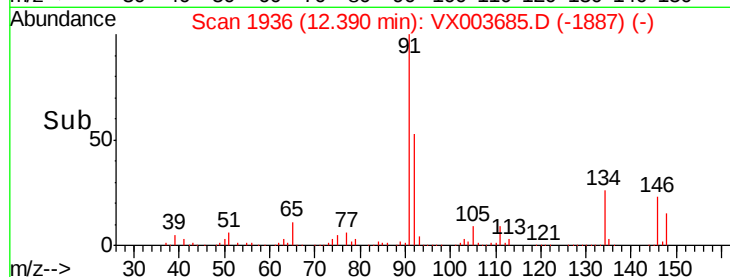
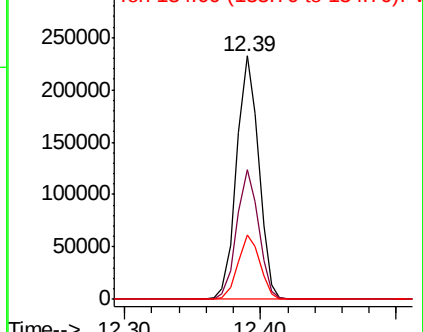
134 26.4 13.3 39.8



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

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

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



#90

Hexachloroethane

Concen: 52.86 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003685.D

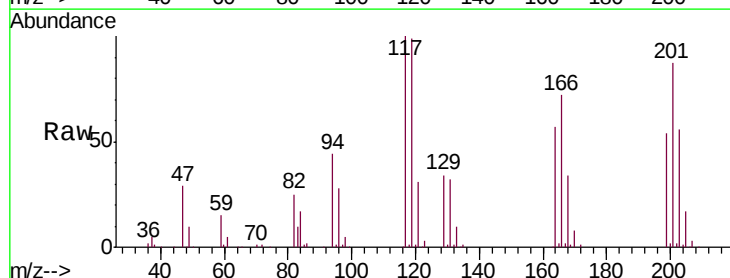
Acq: 26 Jul 2018 21:59

Tgt Ion: 117 Resp: 47572

Ion Ratio Lower Upper

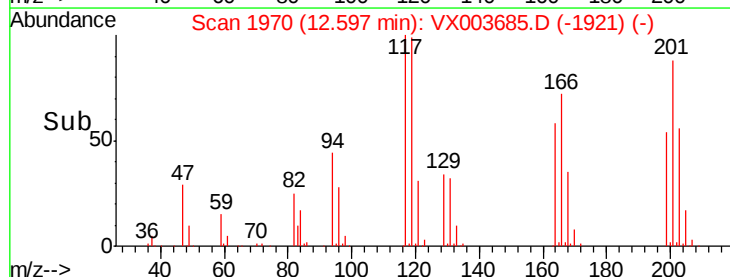
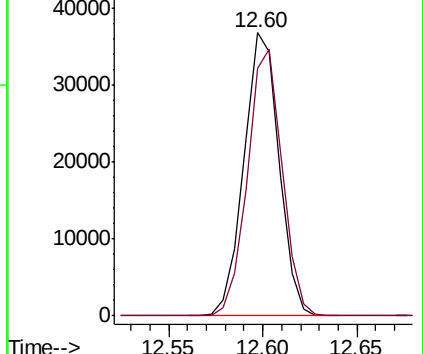
117 100

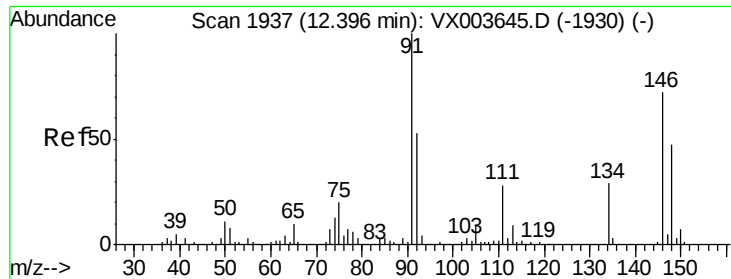
201 93.0 46.2 138.5



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

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

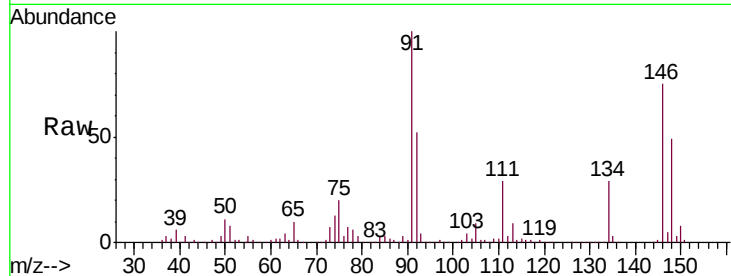




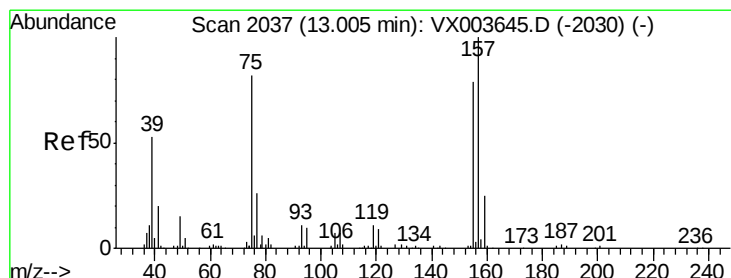
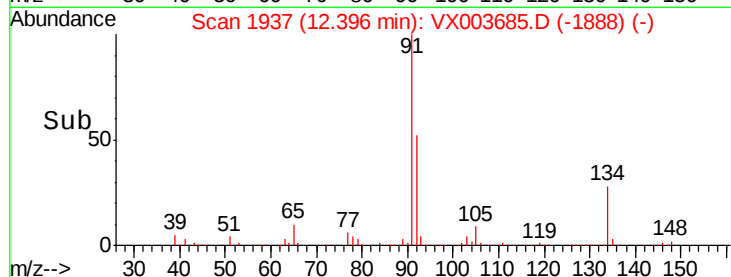
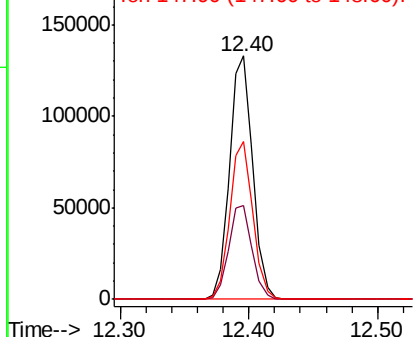
#91
 1,2-Dichlorobenzene
 Concen: 48.44 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003685.D
 Acq: 26 Jul 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 167755
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.8 59.4
 148 64.1 32.2 96.6

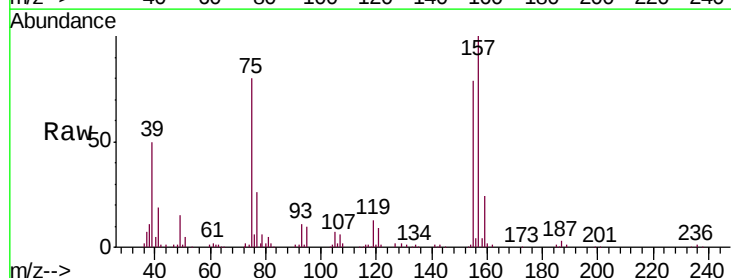


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

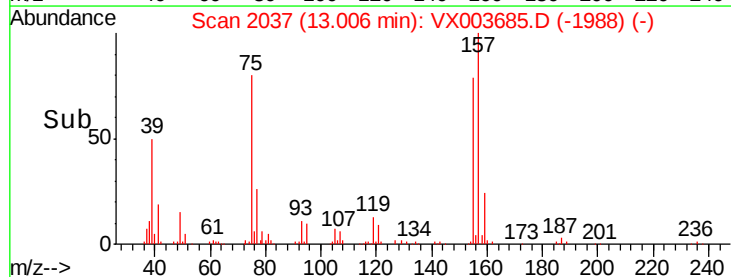
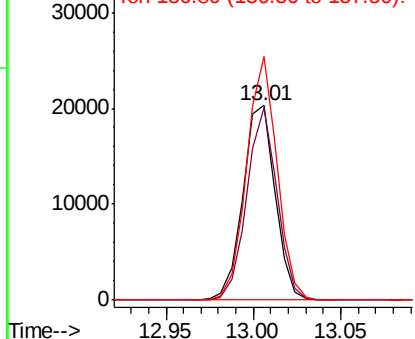


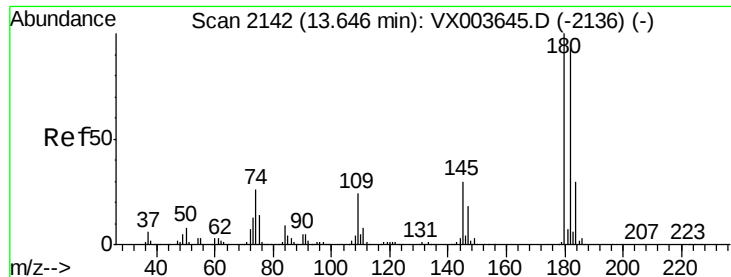
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.58 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003685.D
 Acq: 26 Jul 2018 21:59

Tgt Ion: 75 Resp: 26051
 Ion Ratio Lower Upper
 75 100
 155 92.8 46.1 138.3
 157 118.2 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

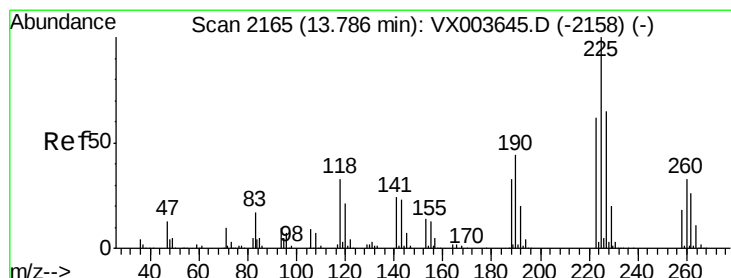
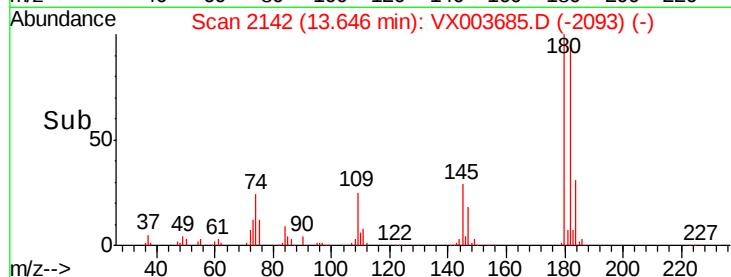
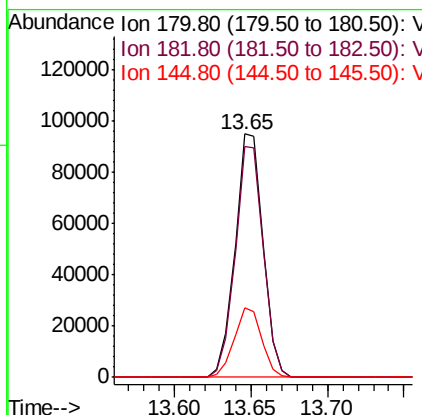
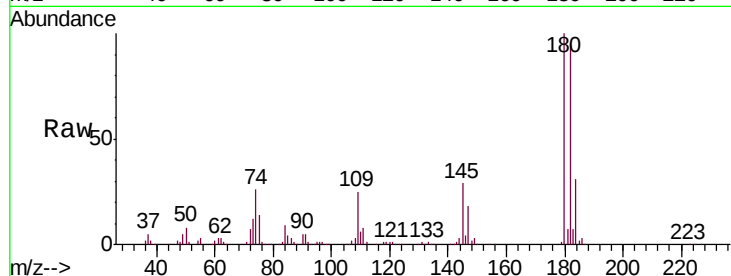




#93
 1,2,4-Trichlorobenzene
 Concen: 48.48 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003685.D
 Acq: 26 Jul 2018 21:59

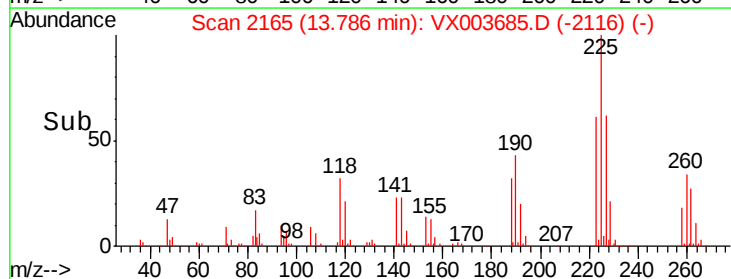
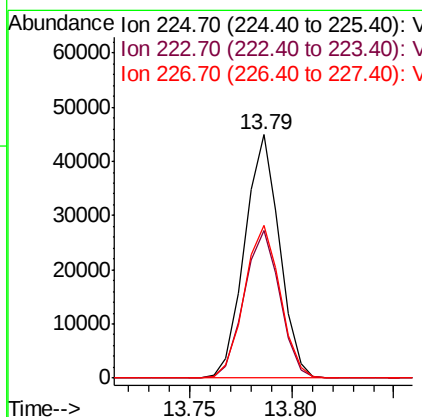
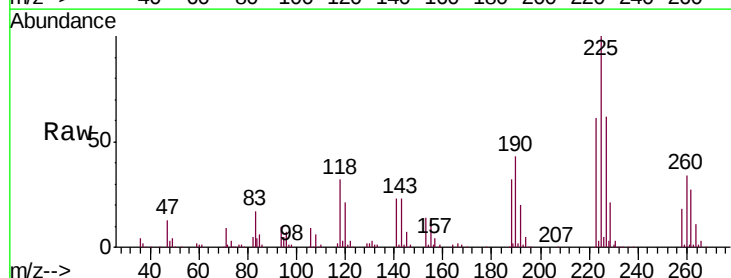
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

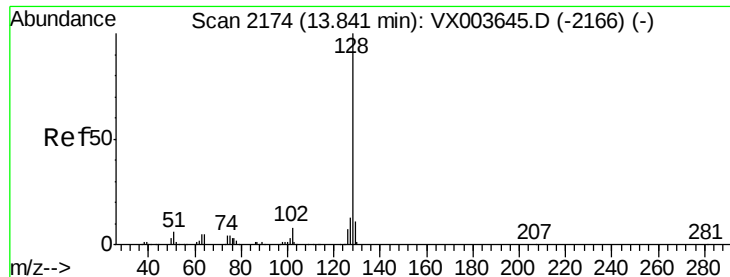
Tot Ion:180 Resp: 119788
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.8
 145 28.2 14.4 43.2



#94
 Hexachlorobutadiene
 Concen: 46.58 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003685.D
 Acq: 26 Jul 2018 21:59

Tgt Ion:225 Resp: 53253
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.9 92.5
 227 64.3 31.9 95.7





#95

Naphthalene

Concen: 51.20 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

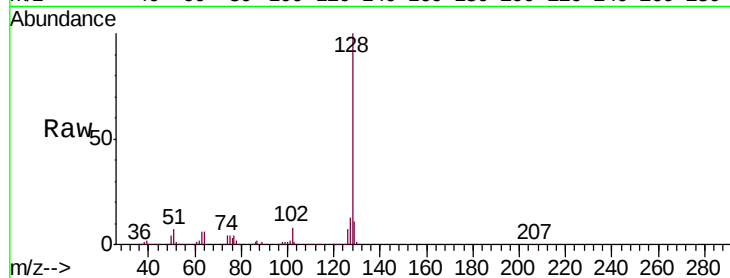
Tot Ion:128 Resp: 382665

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 8.7 13.1

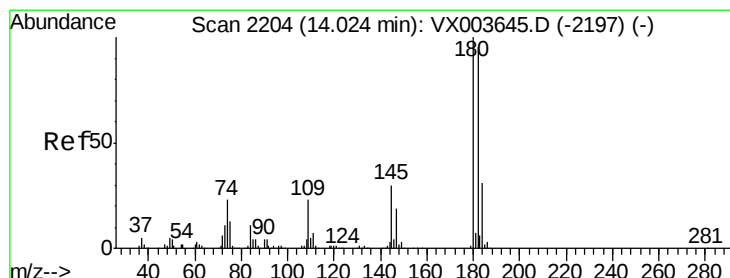
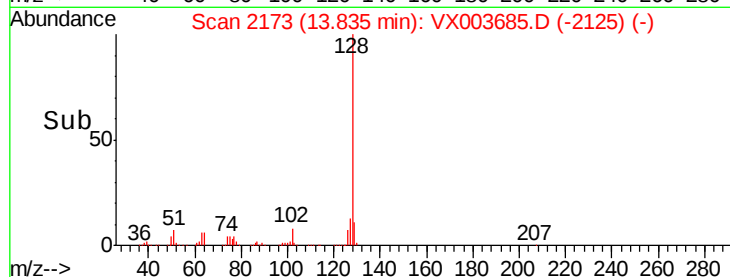
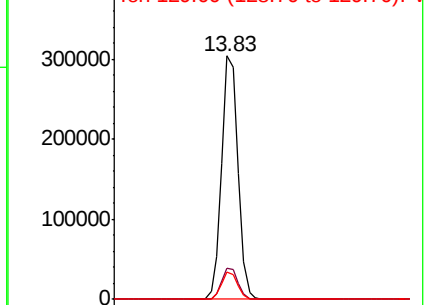


Abundance

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: 49.87 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003685.D

Acq: 26 Jul 2018 21:59

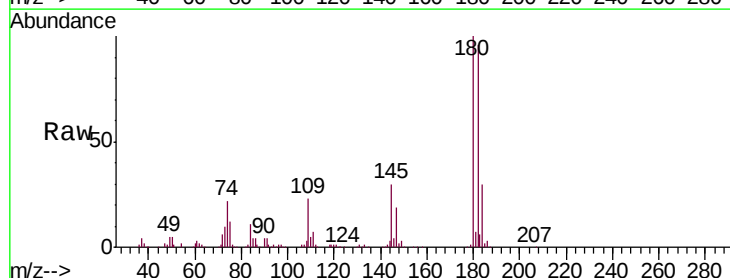
Tgt Ion:180 Resp: 125175

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.8

145 29.8 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

