

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006165.D
 Acq On : 26 Nov 2018 10:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 27 02:24:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	351449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	495928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	462564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192812	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	5.50	113	153008	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.71	98	579021	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.14	95	219058	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	138862	53.170	ug/l	99
3) Chloromethane	1.32	50	155548	47.148	ug/l	99
4) Vinyl Chloride	1.41	62	167892	50.030	ug/l	97
5) Bromomethane	1.64	94	103143	40.709	ug/l	96
6) Chloroethane	1.72	64	103067	63.439	ug/l	99
7) Trichlorofluoromethane	1.93	101	240665	54.821	ug/l	98
8) Diethyl Ether	2.19	74	93997	50.652	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	141930	54.522	ug/l	99
10) Methyl Iodide	2.51	142	94443	28.937	ug/l	100
11) Tert butyl alcohol	3.07	59	221331	255.486	ug/l	98
12) 1,1-Dichloroethene	2.37	96	127484	50.236	ug/l	98
13) Acrolein	2.29	56	141577	273.108	ug/l	100
14) Allyl chloride	2.73	41	283817	54.665	ug/l	100
15) Acrylonitrile	3.15	53	485291	253.617	ug/l	100
16) Acetone	2.45	43	582632	322.410	ug/l	98
17) Carbon Disulfide	2.57	76	391181	57.088	ug/l	97
18) Methyl Acetate	2.78	43	257860	55.643	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	473385	53.967	ug/l	99
20) Methylene Chloride	2.85	84	146134	53.451	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	140765	53.016	ug/l	95
22) Diisopropyl ether	3.87	45	553439	49.795	ug/l	94
23) Vinyl Acetate	3.82	43	2420325	262.484	ug/l	99
24) 1,1-Dichloroethane	3.70	63	281243	53.711	ug/l	99
25) 2-Butanone	4.70	43	862507	257.138	ug/l	100
26) 2,2-Dichloropropane	4.58	77	253843	58.819	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	175766	47.363	ug/l	96
28) Bromochloromethane	5.02	49	162609	53.283	ug/l	100
29) Tetrahydrofuran	5.15	42	509655	243.570	ug/l	100
30) Chloroform	5.21	83	301078	47.449	ug/l	98
31) Cyclohexane	5.57	56	270658	49.485	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	265690	51.857	ug/l	99
36) 1,1-Dichloropropene	5.80	75	230200	51.023	ug/l	100
37) Ethyl Acetate	4.85	43	292266	50.350	ug/l	100
38) Carbon Tetrachloride	5.78	117	234578	55.316	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	278978	54.276	ug/l	99
40) Benzene	6.14	78	664960	50.026	ug/l	99
41) Methacrylonitrile	5.06	41	162658	50.849	ug/l	99
42) 1,2-Dichloroethane	6.20	62	251257	50.560	ug/l	99
43) Isopropyl Acetate	6.46	43	443020	52.849	ug/l	100
44) Trichloroethene	7.21	130	183425	49.650	ug/l	98
45) 1,2-Dichloropropane	7.51	63	180547	51.324	ug/l	100
46) Dibromomethane	7.66	93	120464	50.004	ug/l	99
47) Bromodichloromethane	7.90	83	236463	53.070	ug/l	99
48) Methyl methacrylate	7.77	41	233923	55.022	ug/l	99
49) 1,4-Dioxane	7.75	88	95780	949.592	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1573461	261.823	ug/l	100
52) Toluene	8.79	92	424920	51.683	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	260334	55.990	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	281675	54.800	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	174406	48.981	ug/l	99
56) Ethyl methacrylate	9.18	69	272420	49.181	ug/l	97
57) 1,3-Dichloropropane	9.37	76	291348	49.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	632394	205.584	ug/l	99
59) 2-Hexanone	9.49	43	1303255	273.259	ug/l	99
60) Dibromochloromethane	9.59	129	194410	55.690	ug/l	98
61) 1,2-Dibromoethane	9.67	107	186913	50.954	ug/l	100
64) Tetrachloroethene	9.34	164	181632	47.715	ug/l	99
65) Chlorobenzene	10.14	112	485838	51.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	177825	54.591	ug/l	99
67) Ethyl Benzene	10.25	91	846104	54.463	ug/l	100
68) m/p-Xylenes	10.36	106	655056	108.283	ug/l	99
69) o-Xylene	10.70	106	312145	54.019	ug/l	100
70) Styrene	10.71	104	523077	55.518	ug/l	99
71) Bromoform	10.86	173	160566	55.067	ug/l #	100
73) Isopropylbenzene	11.02	105	861705	53.874	ug/l	99
74) N-amyl acetate	10.90	43	408311	50.077	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	295813	49.075	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	351477	64.580	ug/l	87
77) Bromobenzene	11.26	156	226859	50.630	ug/l	99
78) n-propylbenzene	11.36	91	1019031	54.706	ug/l	100
79) 2-Chlorotoluene	11.42	91	590033	52.358	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	733893	54.421	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	91205	56.679	ug/l	98
82) 4-Chlorotoluene	11.51	91	710708	54.041	ug/l	100
83) tert-Butylbenzene	11.77	119	725282	55.091	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	757722	55.083	ug/l	99
85) sec-Butylbenzene	11.94	105	893708	55.499	ug/l	100
86) p-Isopropyltoluene	12.07	119	806171	56.150	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	418299	50.632	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	430114	50.221	ug/l	99
89) n-Butylbenzene	12.39	91	743947	57.231	ug/l	99
90) Hexachloroethane	12.60	117	131887	57.564	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	428701	50.756	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74392	53.186	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

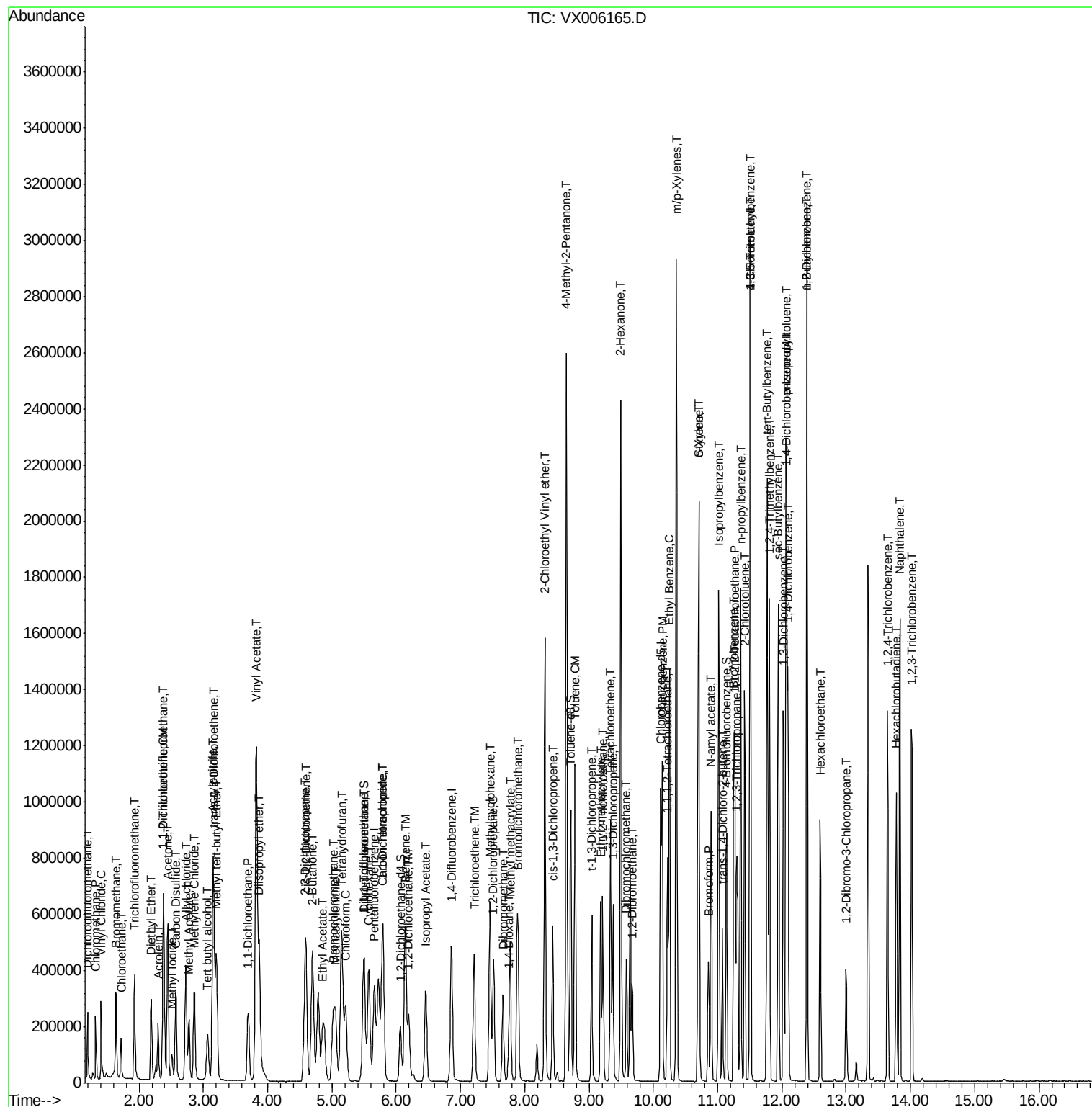
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	320427	53.852	ug/l	99
94) Hexachlorobutadiene	13.79	225	158636	54.704	ug/l	99
95) Naphthalene	13.83	128	973992	55.668	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	320191	52.784	ug/l	100

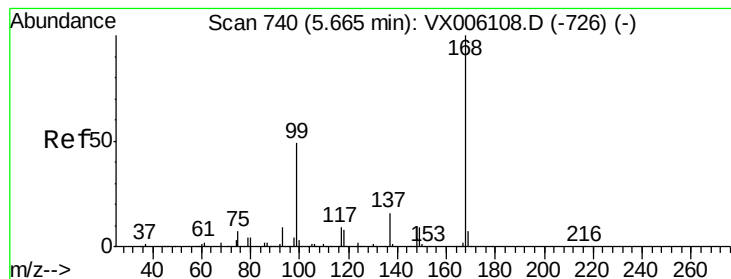
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

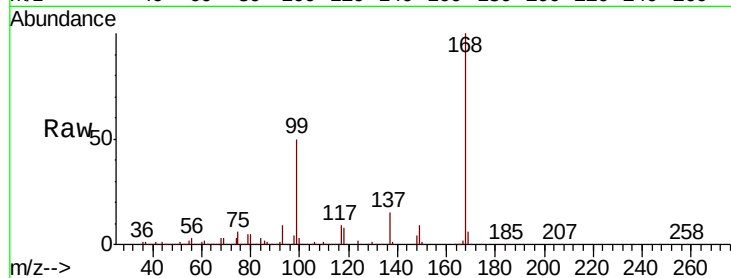
VSTDCCC050

Tot Ion:168 Resp: 351449

Ion Ratio Lower Upper

168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

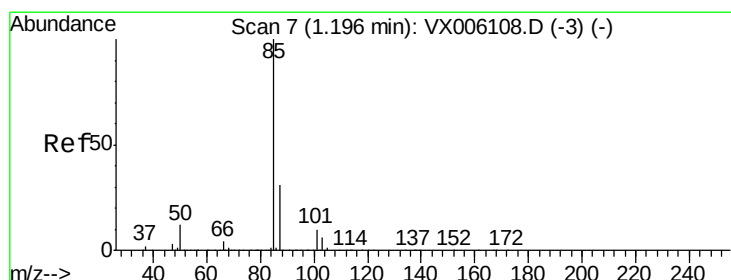
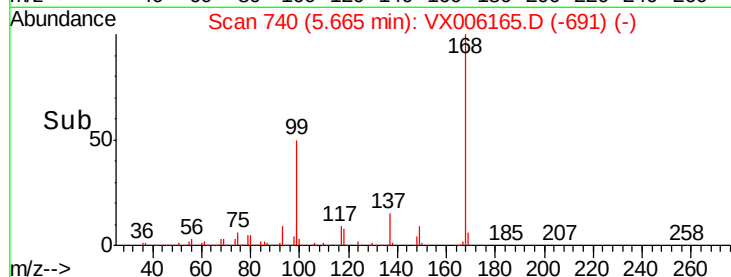
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.170 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006165.D

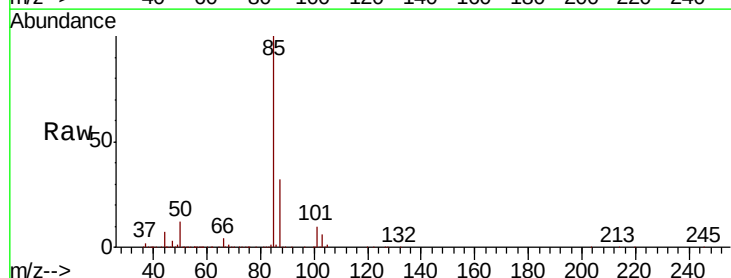
Acq: 26 Nov 2018 10:31

Tgt Ion: 85 Resp: 138862

Ion Ratio Lower Upper

85 100

87 31.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

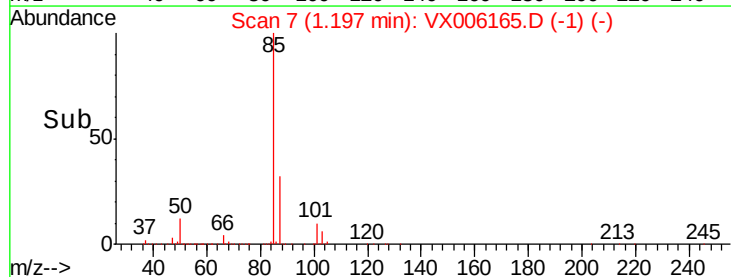
150000

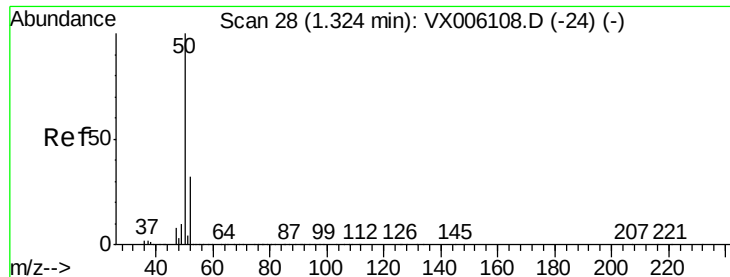
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.148 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

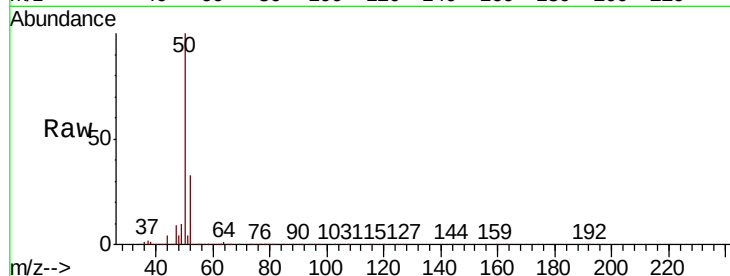
VSTDCCC050

Tot Ion: 50 Resp: 155548

Ion Ratio Lower Upper

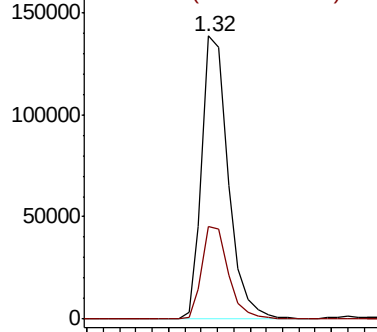
50 100

52 32.6 25.6 38.4

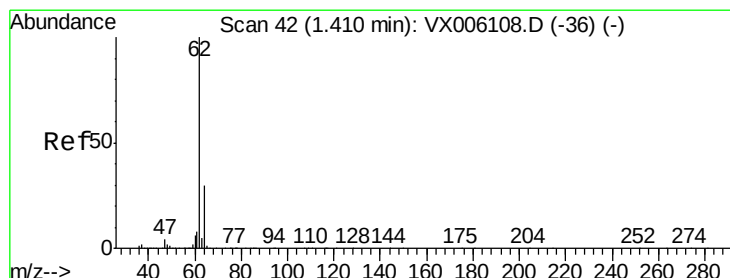
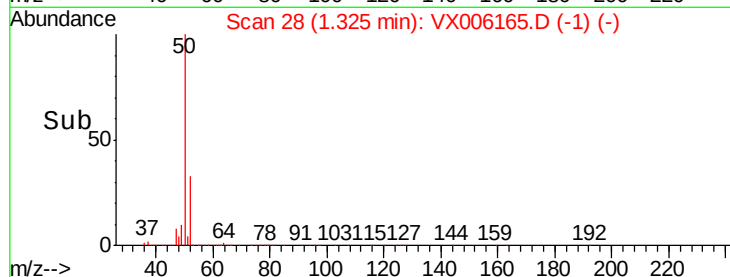


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 50.030 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006165.D

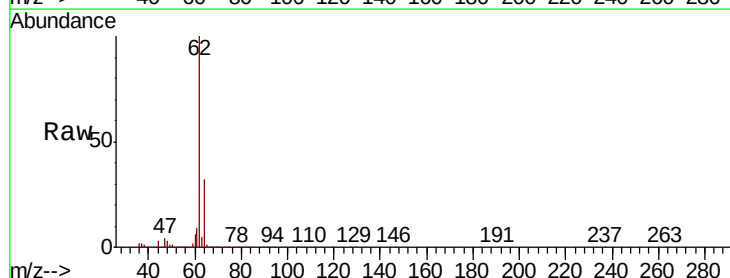
Acq: 26 Nov 2018 10:31

Tgt Ion: 62 Resp: 167892

Ion Ratio Lower Upper

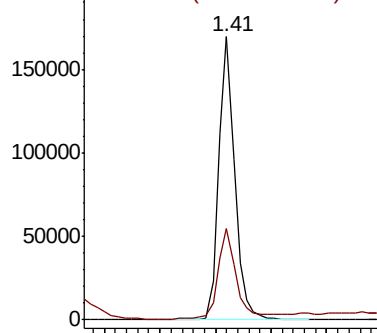
62 100

64 31.9 24.2 36.4

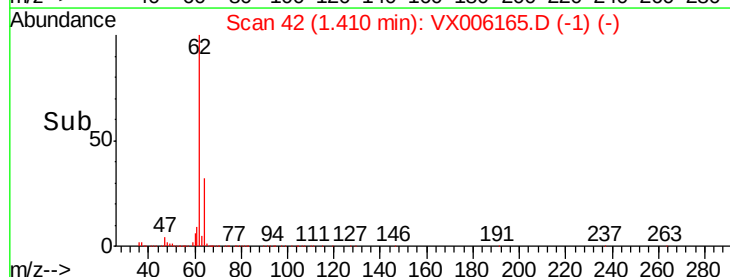


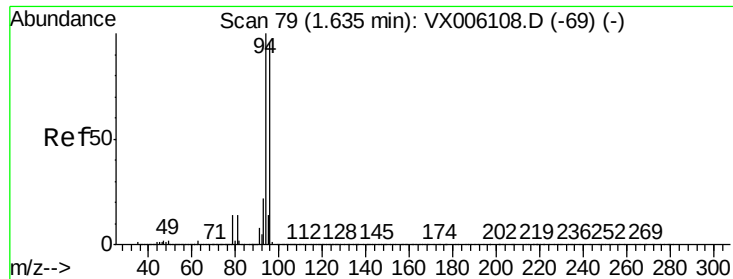
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time--> 1.30 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 40.709 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampled :

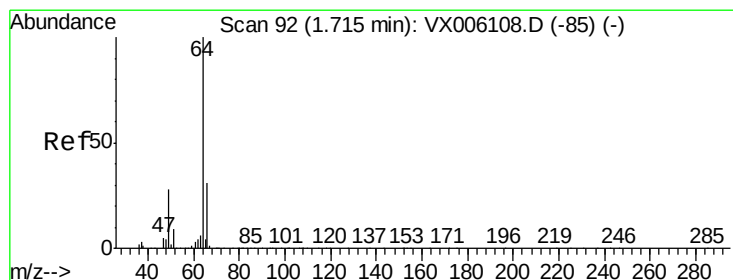
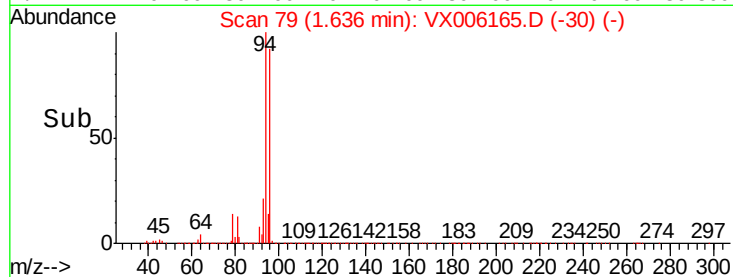
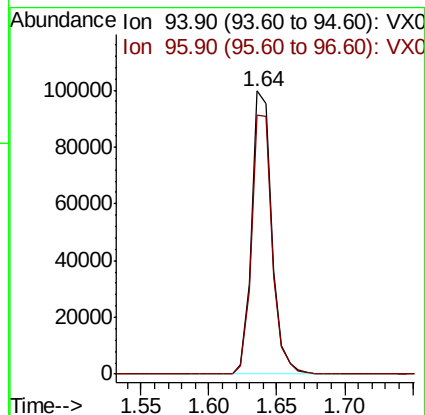
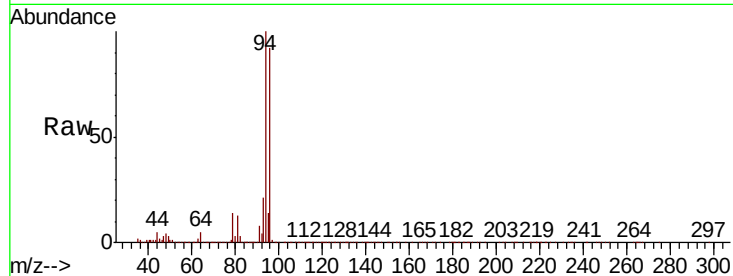
VSTDCCC050

Tot Ion: 94 Resp: 103143

Ion Ratio Lower Upper

94 100

96 91.7 76.7 115.1



#6

Chloroethane

Concen: 63.439 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006165.D

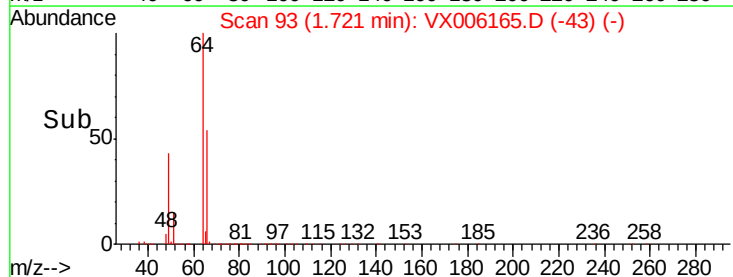
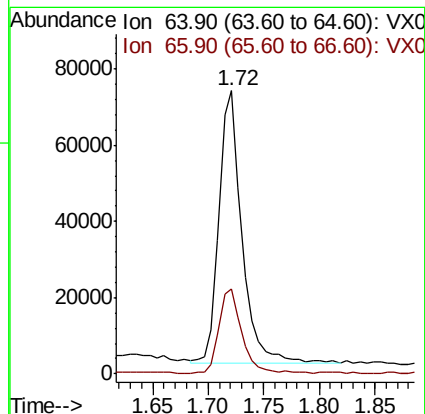
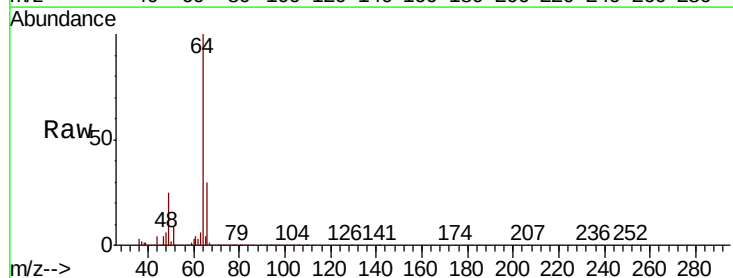
Acq: 26 Nov 2018 10:31

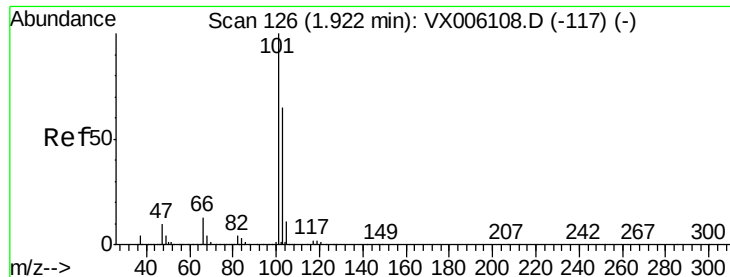
Tgt Ion: 64 Resp: 103067

Ion Ratio Lower Upper

64 100

66 30.7 25.1 37.7



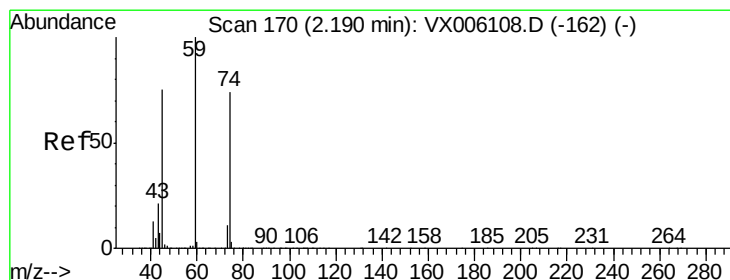
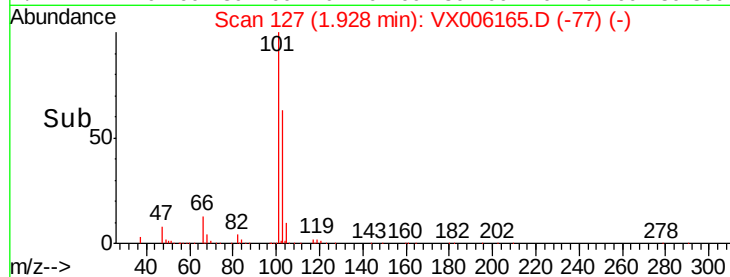
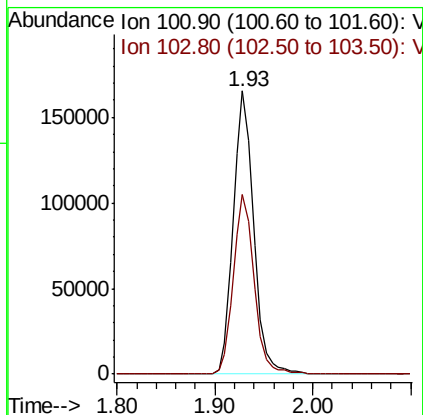
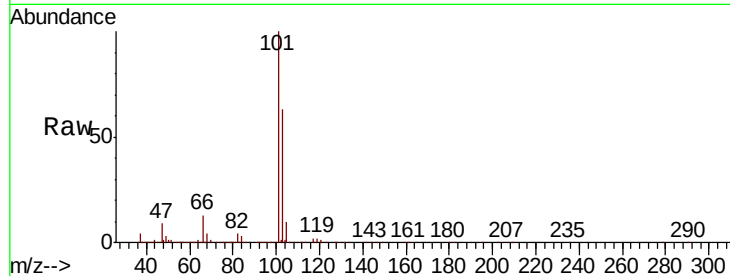


#7

Trichlorofluoromethane
Concen: 54.821 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

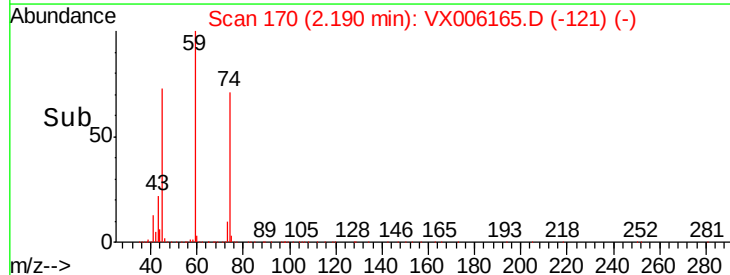
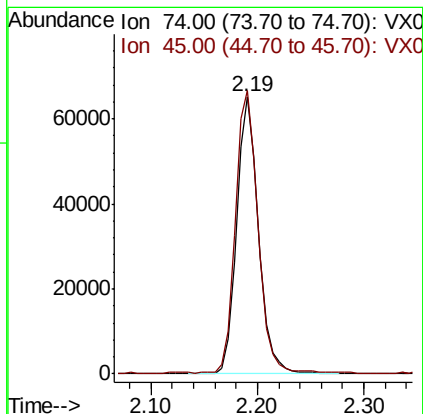
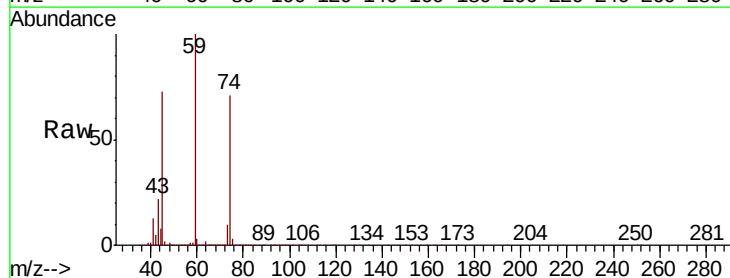
Tot Ion:101 Resp: 240665
Ion Ratio Lower Upper
101 100
103 63.5 52.1 78.1

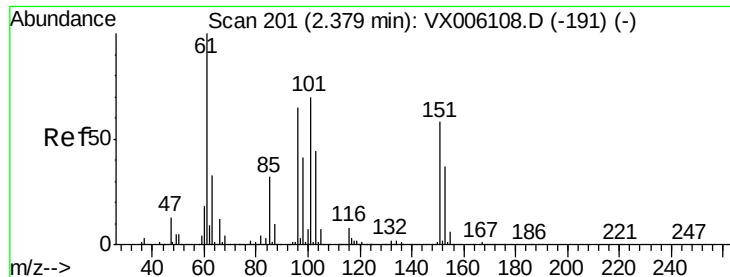


#8

Diethyl Ether
Concen: 50.652 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 74 Resp: 93997
Ion Ratio Lower Upper
74 100
45 105.5 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.522 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

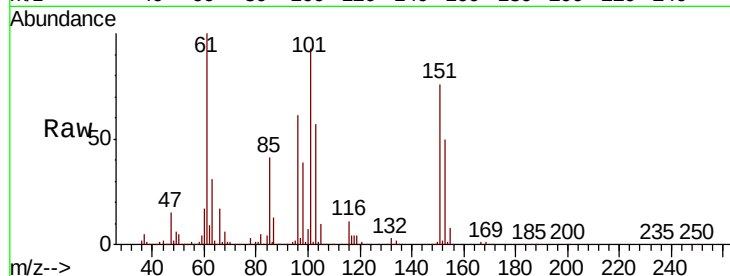
Tot Ion:101 Resp: 141930

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

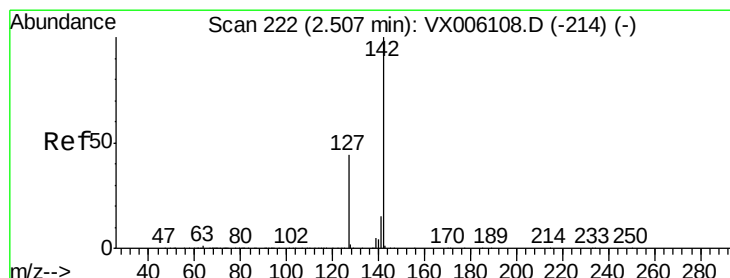
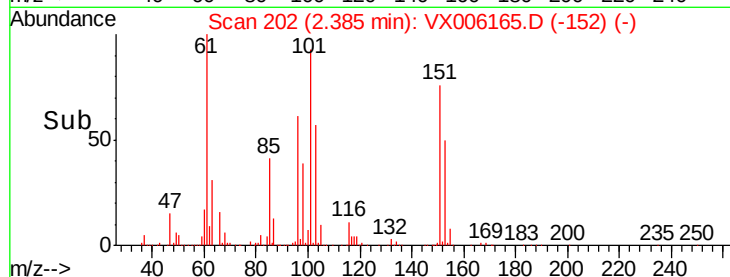
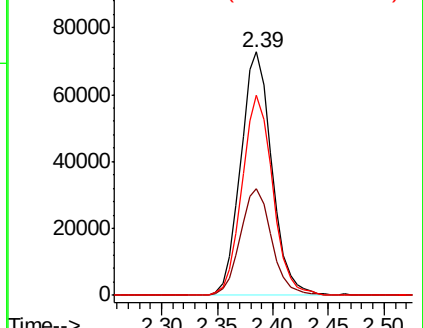
151 81.2 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 28.937 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

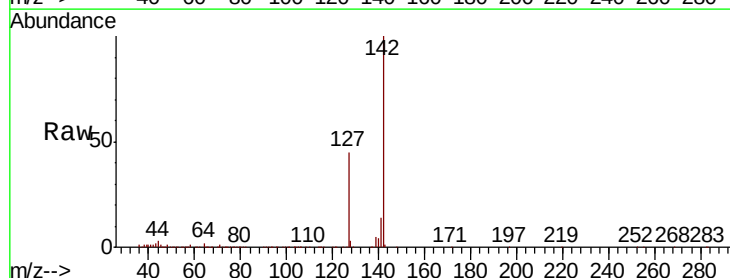
Tgt Ion:142 Resp: 94443

Ion Ratio Lower Upper

142 100

127 45.3 36.0 54.0

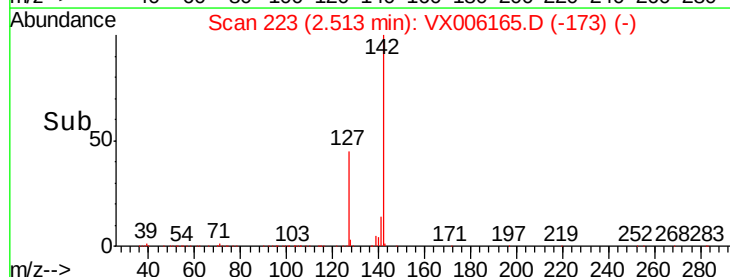
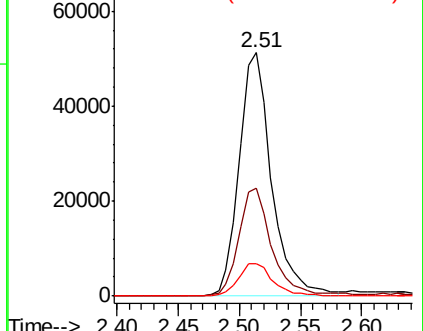
141 14.7 11.7 17.5

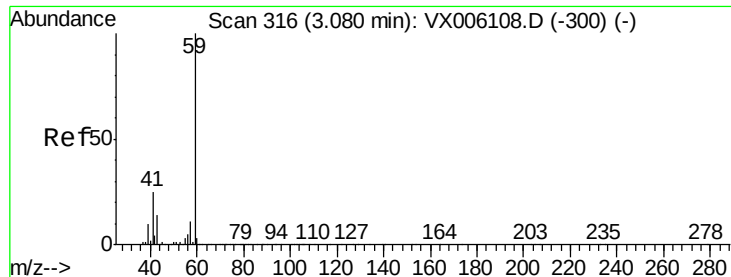


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



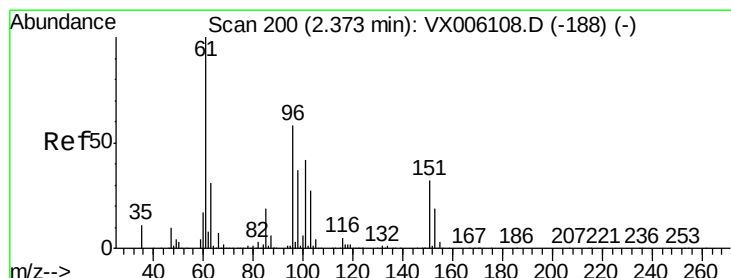
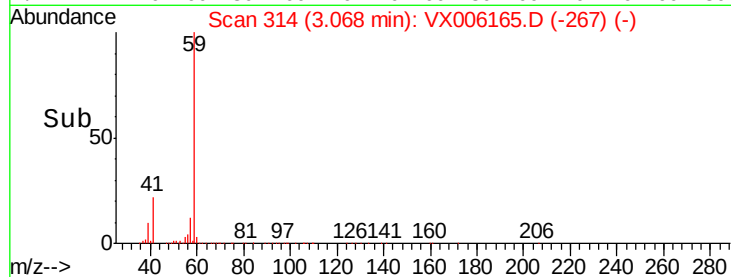
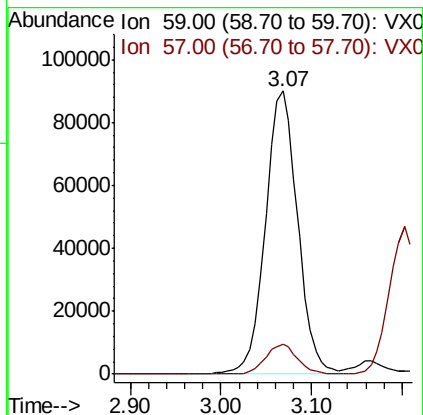
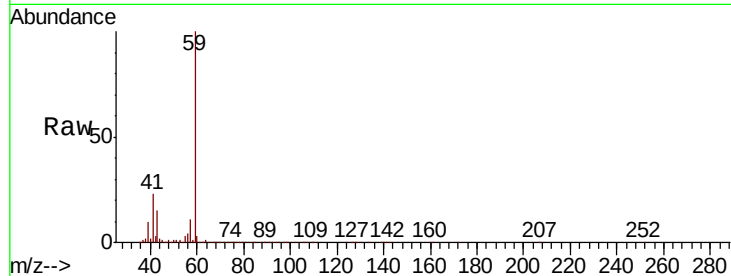


#11

Tert butyl alcohol
Concen: 255.486 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

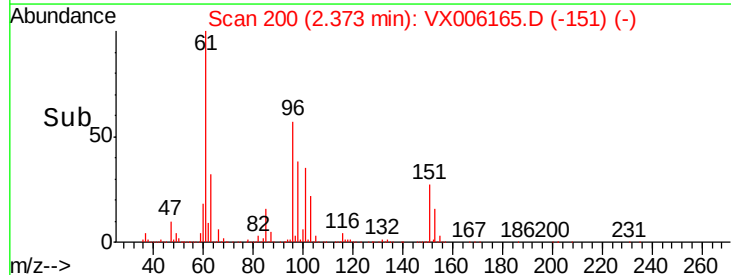
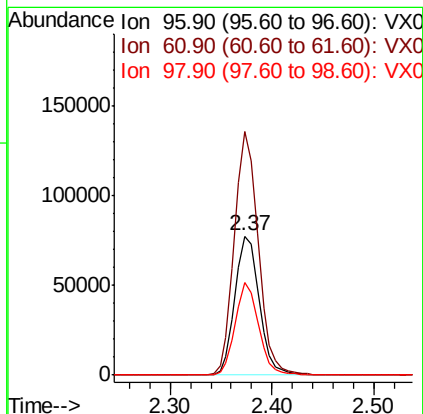
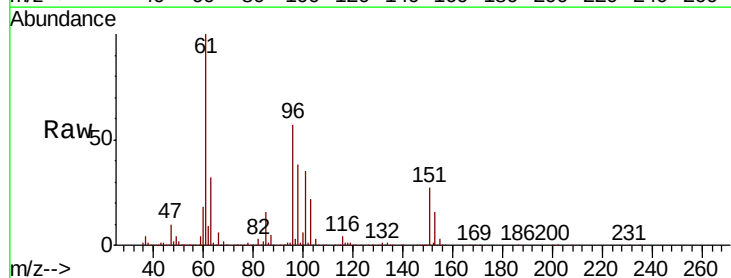
Tot Ion: 59 Resp: 221331
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

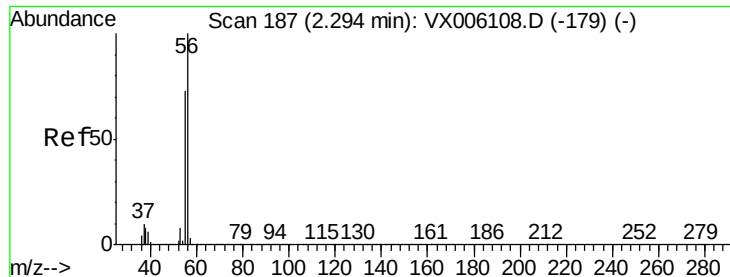


#12

1,1-Dichloroethene
Concen: 50.236 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 96 Resp: 127484
Ion Ratio Lower Upper
96 100
61 175.2 138.2 207.4
98 66.6 51.3 76.9





#13

Acrolein

Concen: 273.108 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

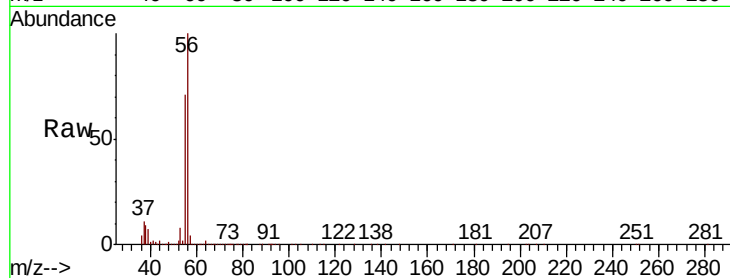
VSTDCCC050

Tot Ion: 56 Resp: 141577

Ion Ratio Lower Upper

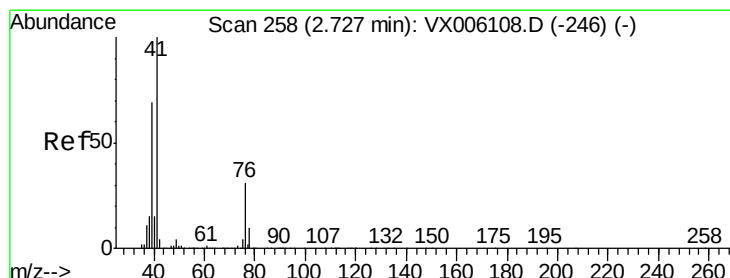
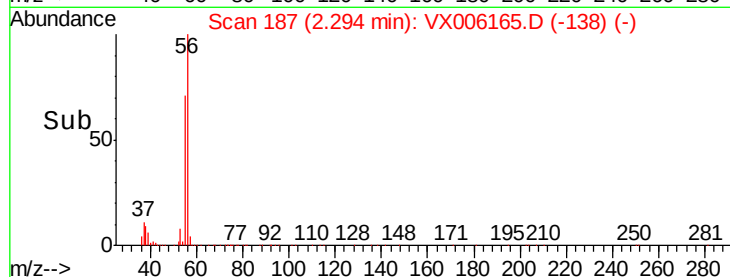
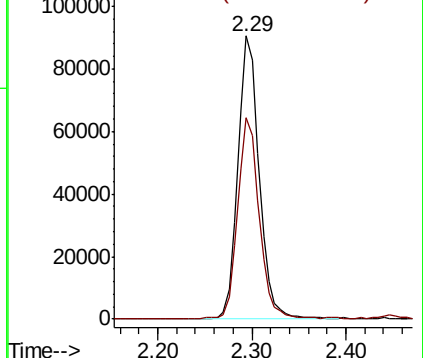
56 100

55 72.3 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 54.665 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

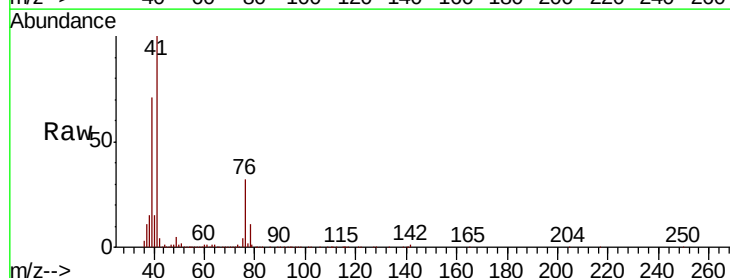
Tgt Ion: 41 Resp: 283817

Ion Ratio Lower Upper

41 100

39 65.6 52.5 78.7

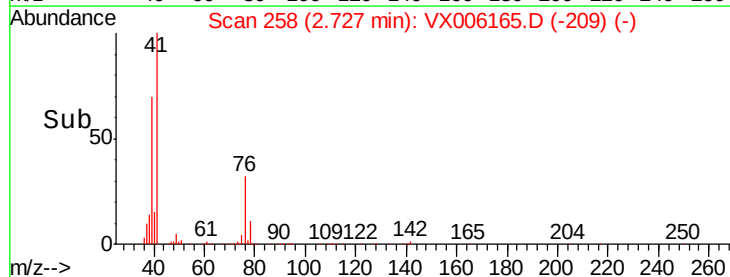
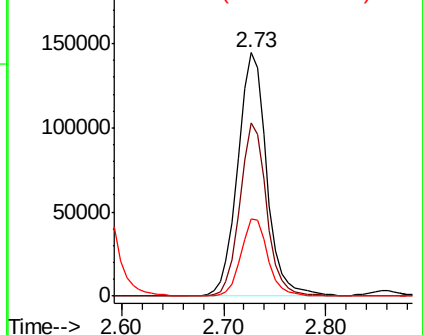
76 29.4 23.4 35.2

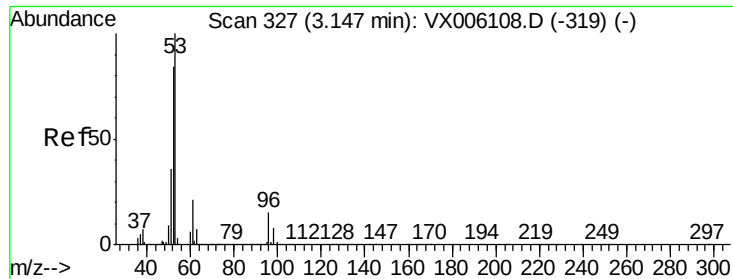


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

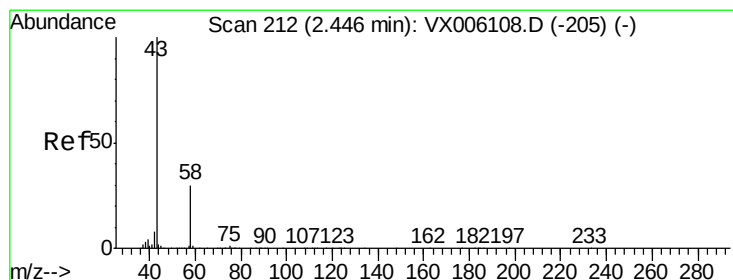
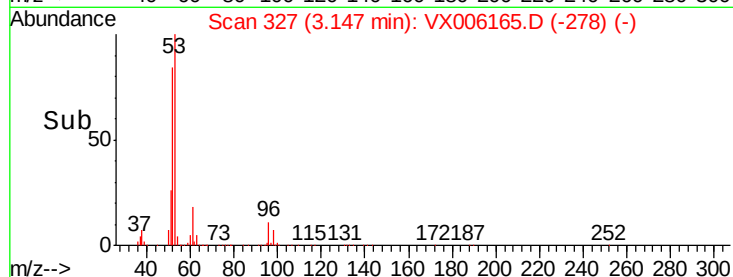
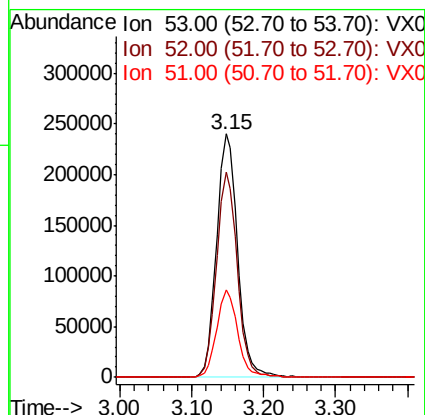
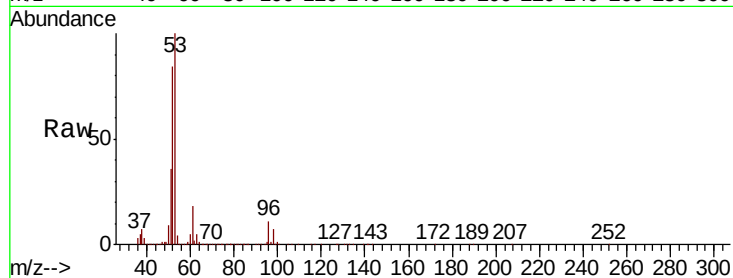




#15
 Acrylonitrile
 Concen: 253.617 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

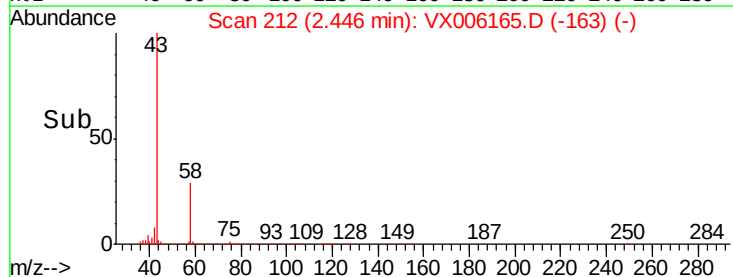
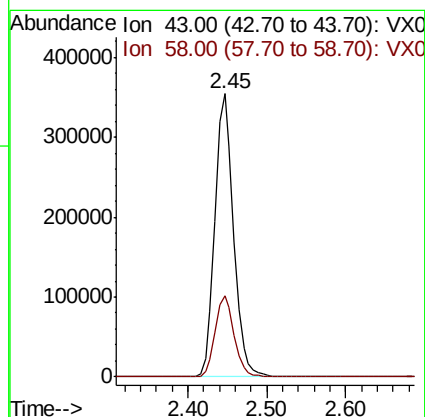
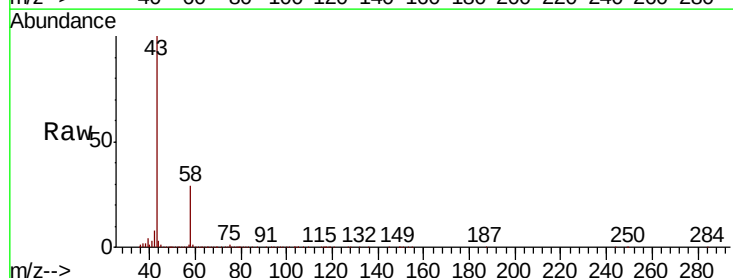
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

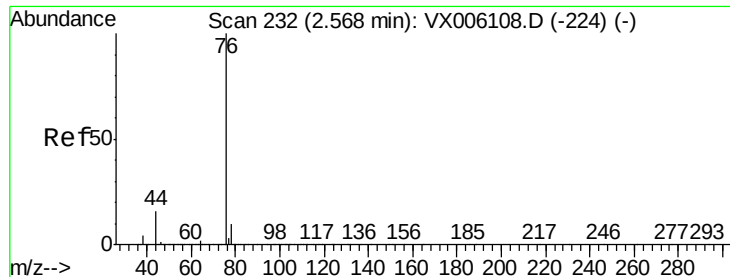
Tot Ion: 53 Resp: 485291
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.4 99.6
 51 36.2 29.4 44.0



#16
 Acetone
 Concen: 322.410 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

Tgt Ion: 43 Resp: 582632
 Ion Ratio Lower Upper
 43 100
 58 28.9 23.8 35.8

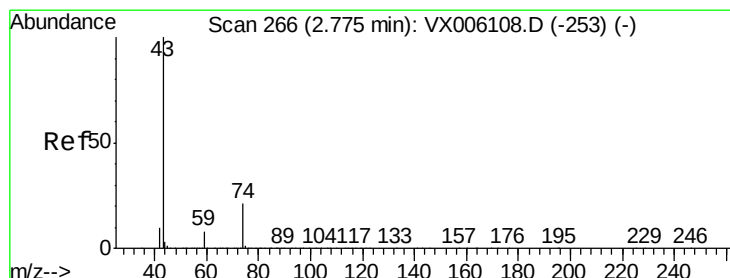
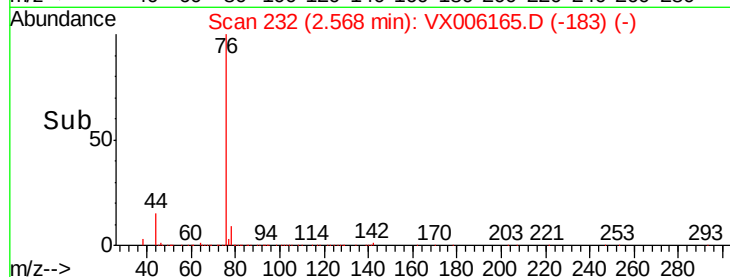
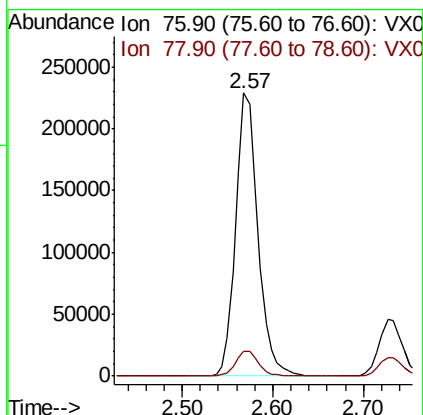
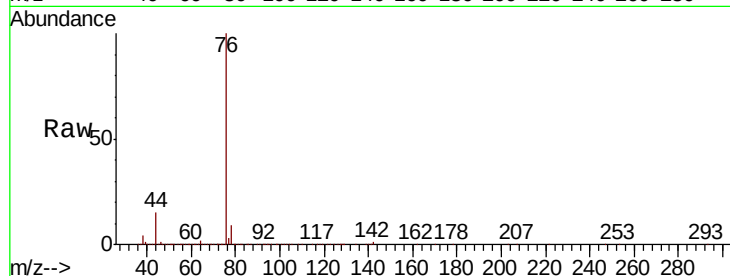




#17
Carbon Disulfide
Concen: 57.088 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

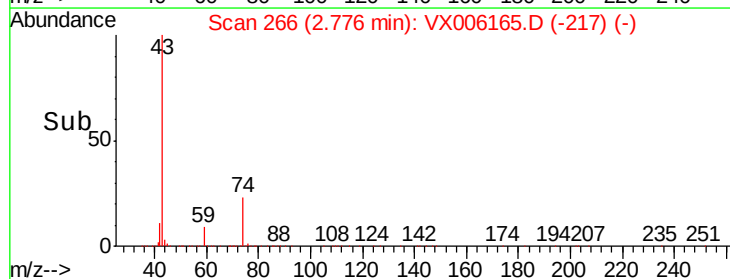
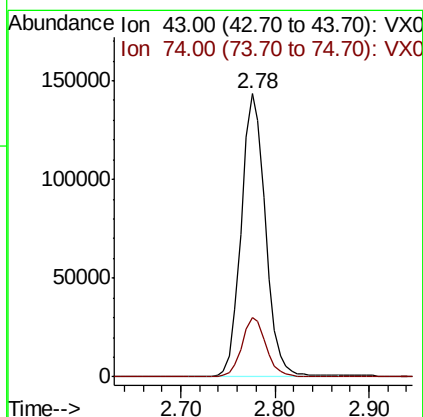
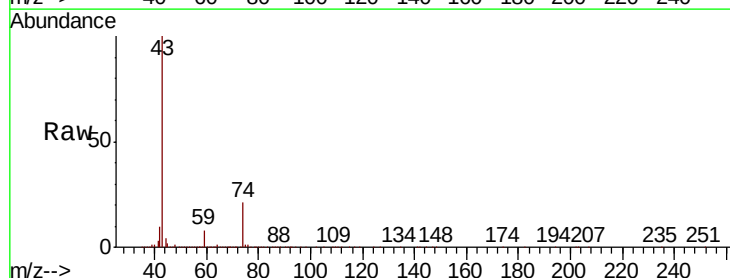
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

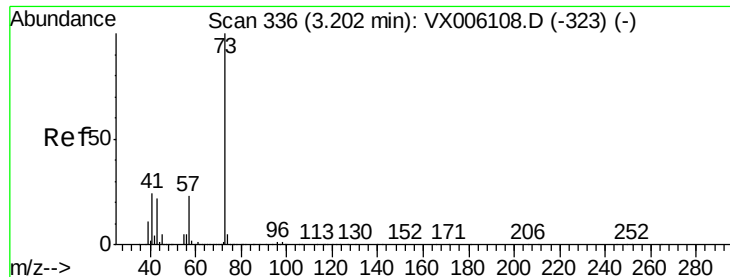
Tot Ion: 76 Resp: 391181
Ion Ratio Lower Upper
76 100
78 8.7 7.7 11.5



#18
Methyl Acetate
Concen: 55.643 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 43 Resp: 257860
Ion Ratio Lower Upper
43 100
74 21.1 17.3 25.9



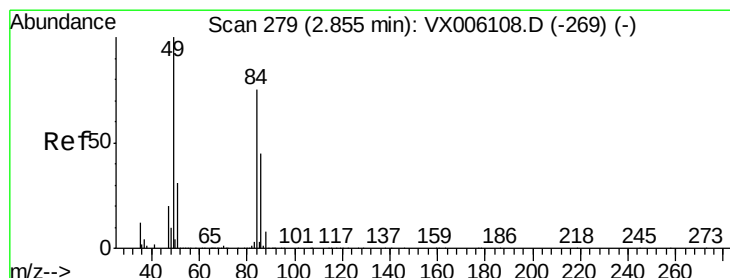
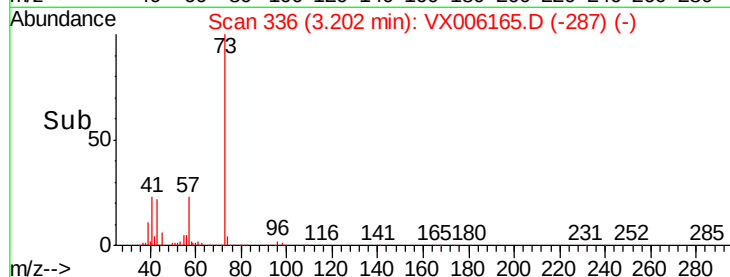
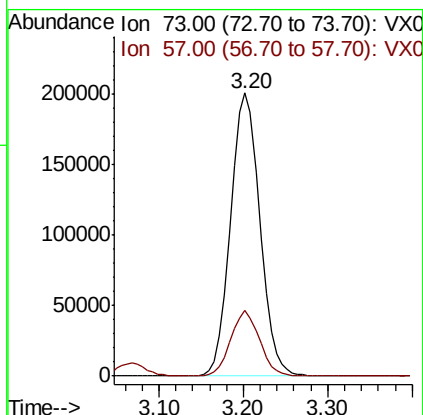
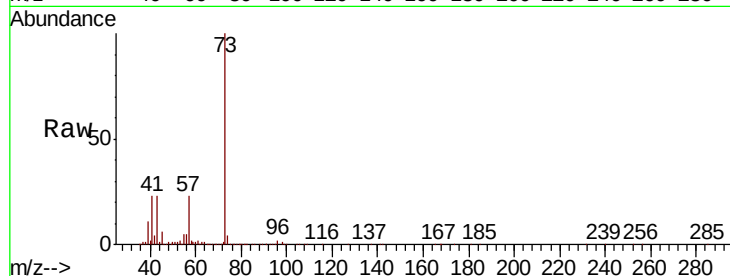


#19

Methyl tert-butyl Ether
 Concen: 53.967 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

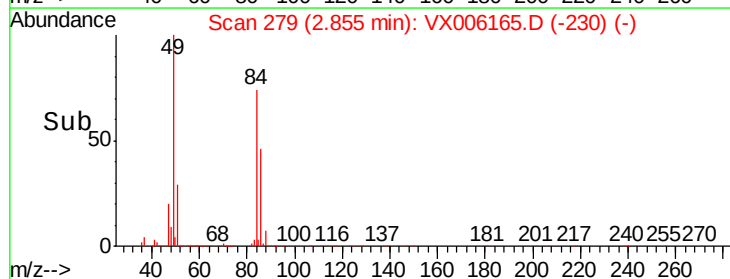
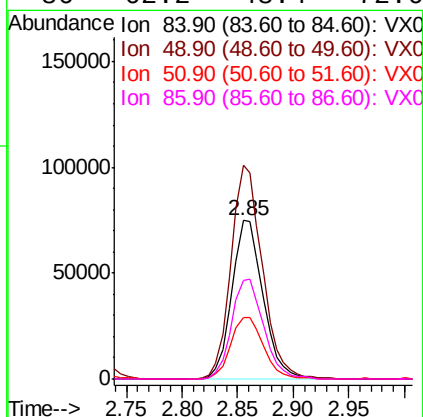
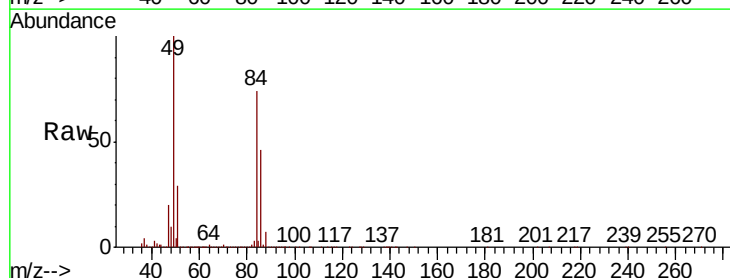
Tot Ion: 73 Resp: 473385
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.2 27.4

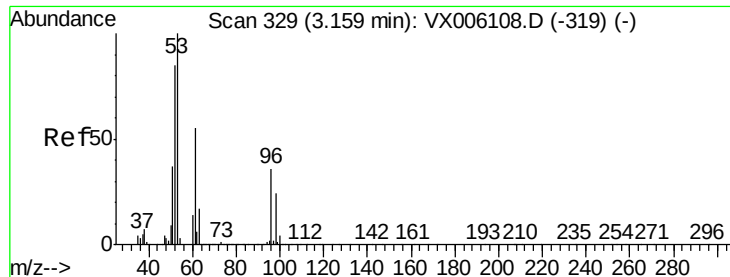


#20

Methylene Chloride
 Concen: 53.451 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

Tgt Ion: 84 Resp: 146134
 Ion Ratio Lower Upper
 84 100
 49 134.6 106.6 159.8
 51 38.6 32.6 49.0
 86 62.2 48.4 72.6





#21

trans-1,2-Dichloroethene

Concen: 53.016 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

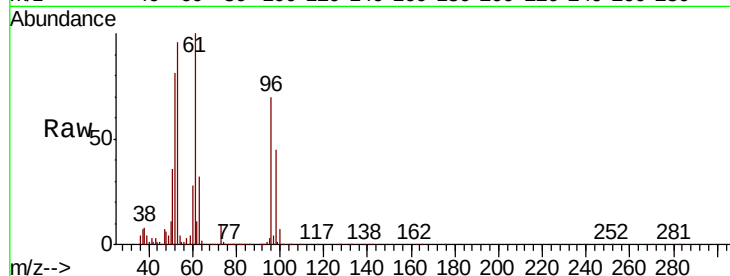
Tot Ion: 96 Resp: 140765

Ion Ratio Lower Upper

96 100

61 143.6 122.0 183.0

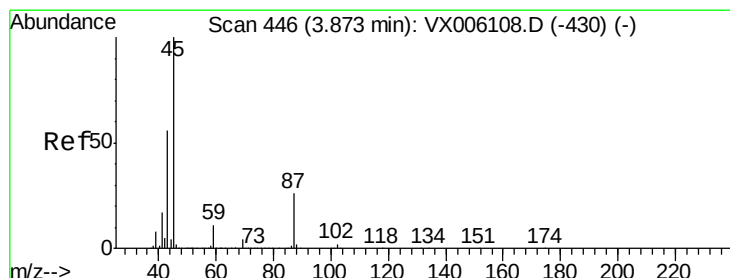
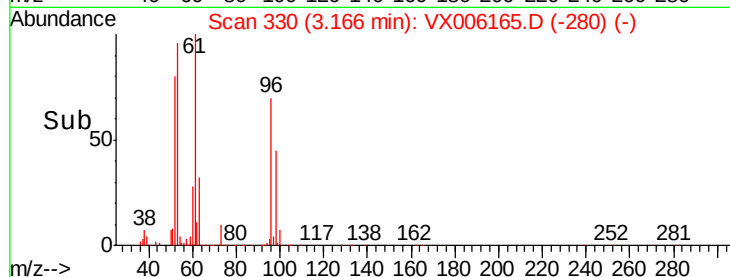
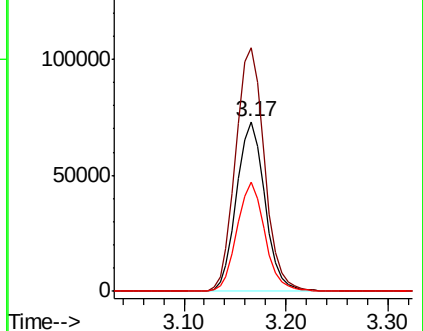
98 64.6 52.7 79.1



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: 49.795 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Tgt Ion: 45 Resp: 553439

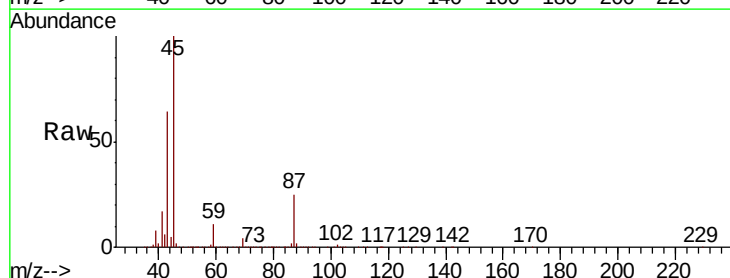
Ion Ratio Lower Upper

45 100

43 63.8 45.8 68.8

87 24.7 21.0 31.4

59 11.0 8.6 12.8

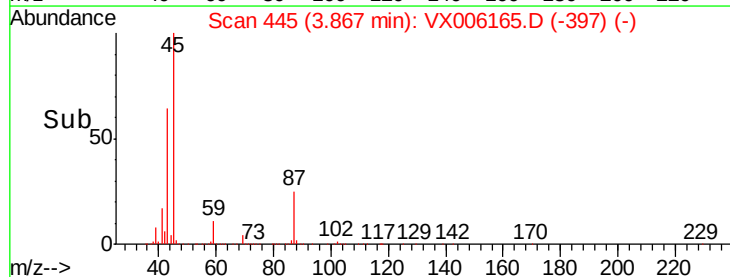
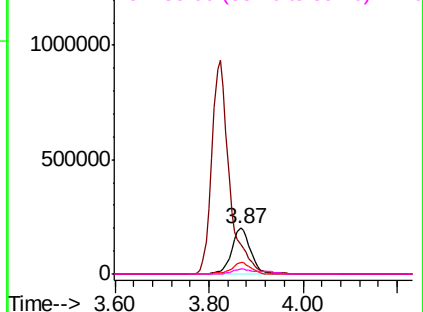


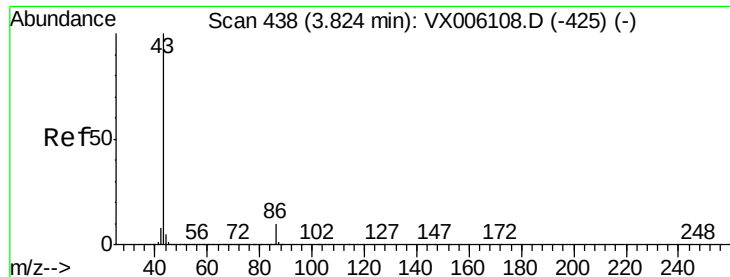
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 262.484 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

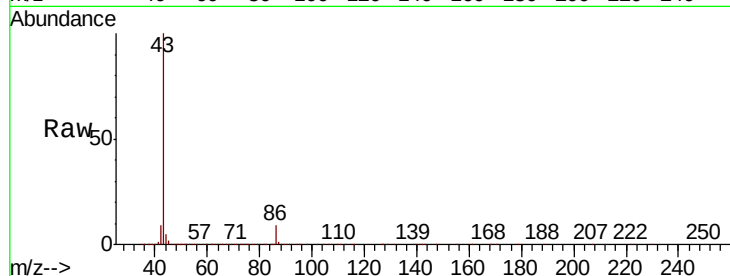
VSTDCCC050

Tot Ion: 43 Resp: 2420325

Ion Ratio Lower Upper

43 100

86 9.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

1000000

800000

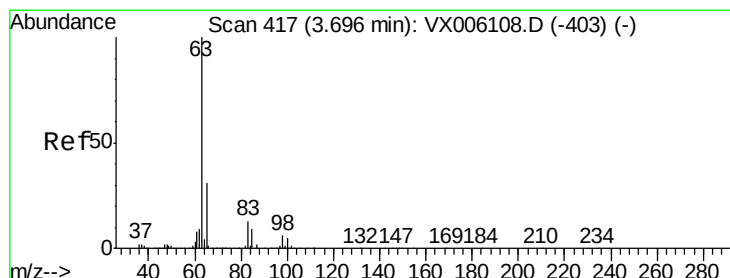
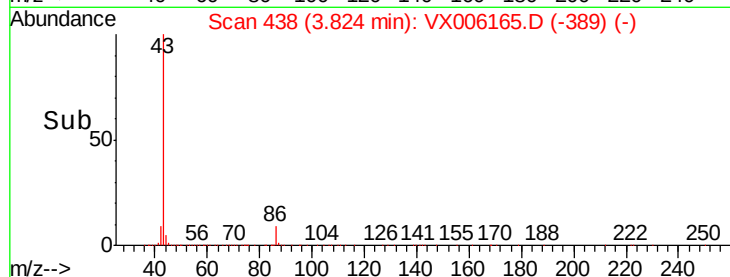
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 53.711 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

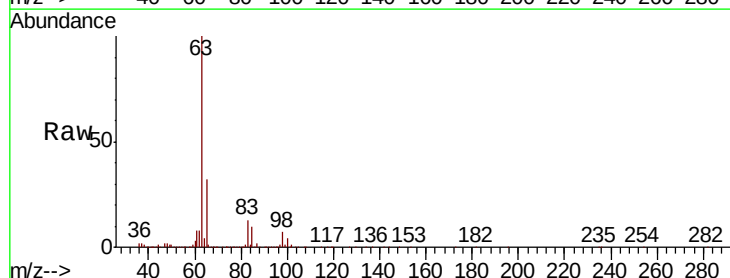
Tgt Ion: 63 Resp: 281243

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.0 2.4 7.1



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

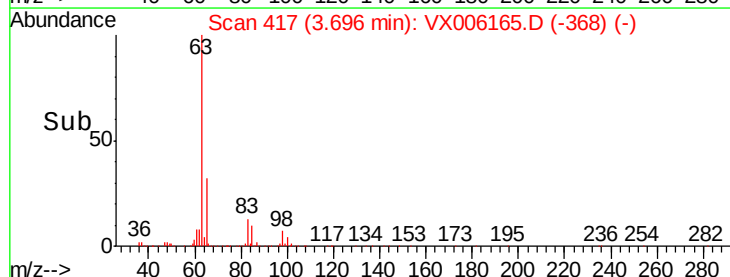
150000

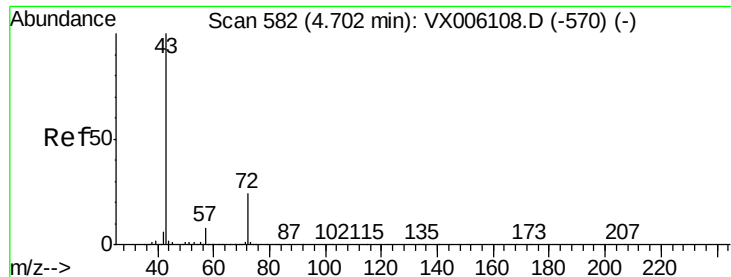
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 257.138 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

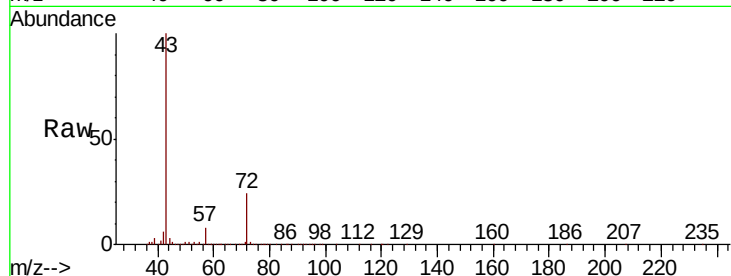
VSTDCCC050

Tot Ion: 43 Resp: 862507

Ion Ratio Lower Upper

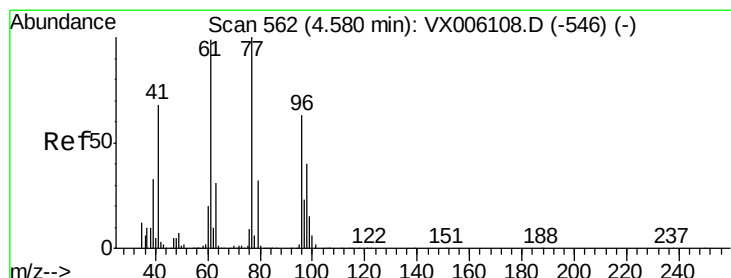
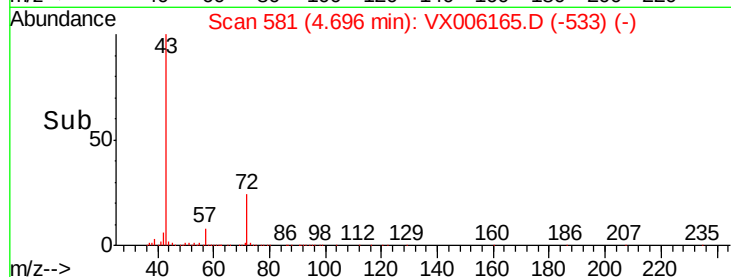
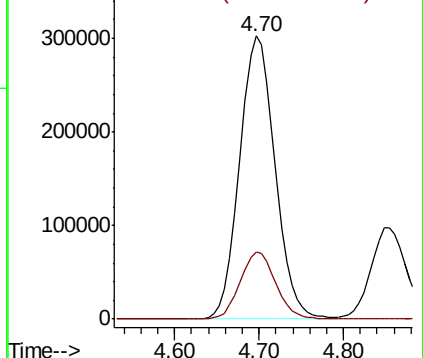
43 100

72 23.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 58.819 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006165.D

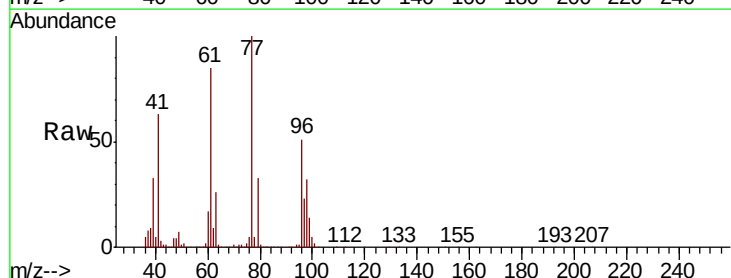
Acq: 26 Nov 2018 10:31

Tgt Ion: 77 Resp: 253843

Ion Ratio Lower Upper

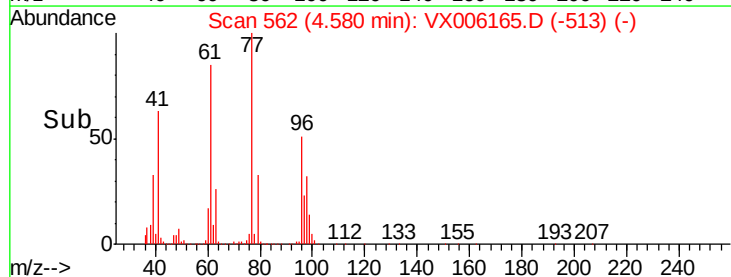
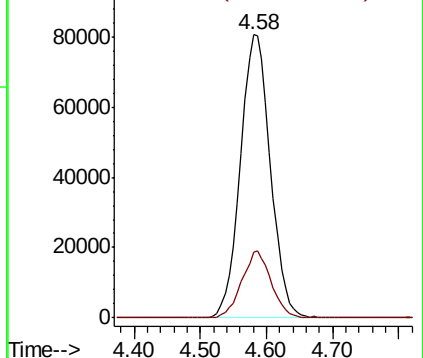
77 100

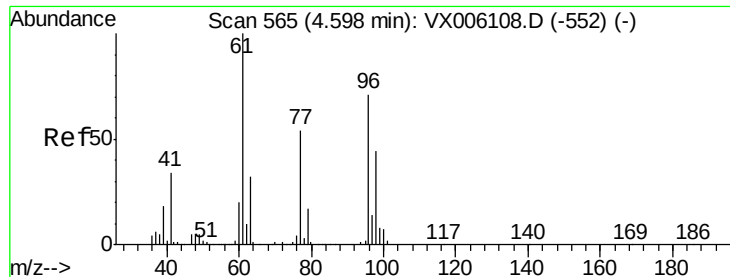
97 23.0 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



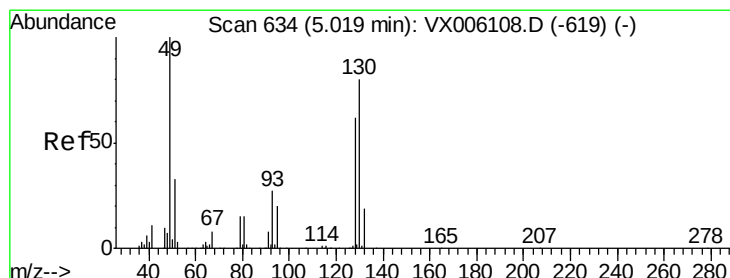
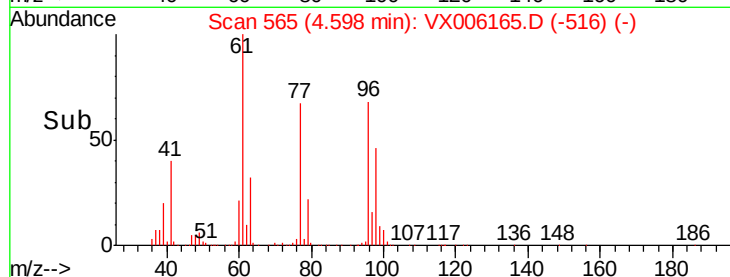
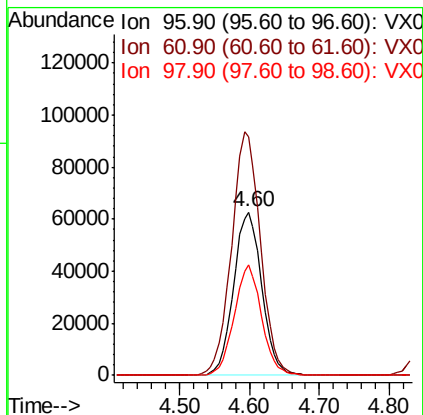
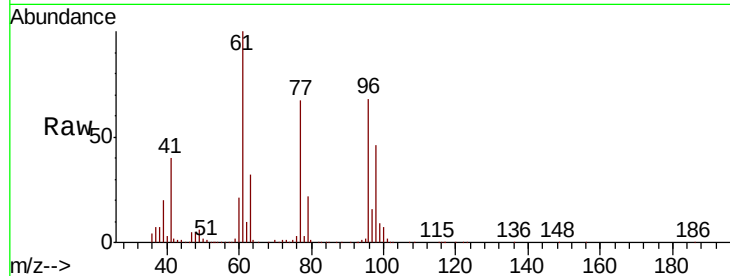


#27

cis-1,2-Dichloroethene
Concen: 47.363 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

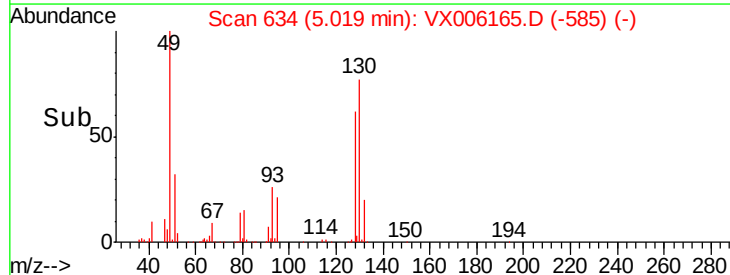
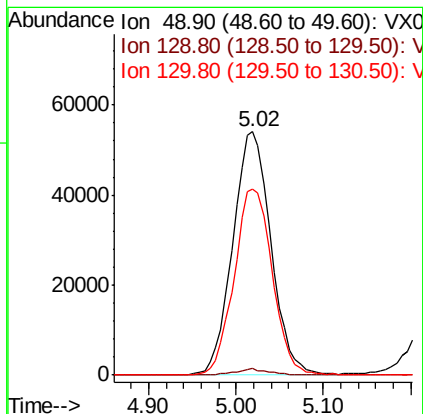
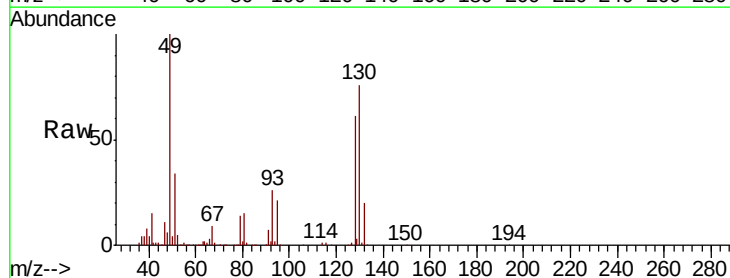
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	291.6
98	65.4	0.0	128.2

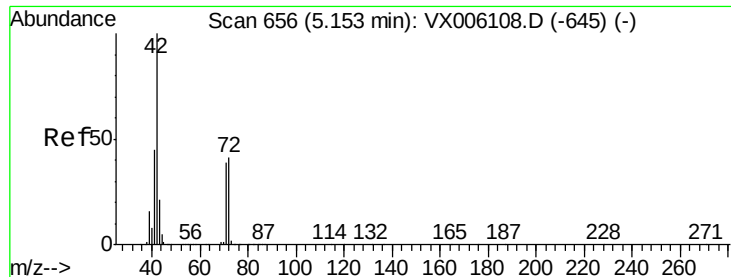


#28

Bromochloromethane
Concen: 53.283 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	77.1	61.6	92.4





#29

Tetrahydrofuran

Concen: 243.570 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

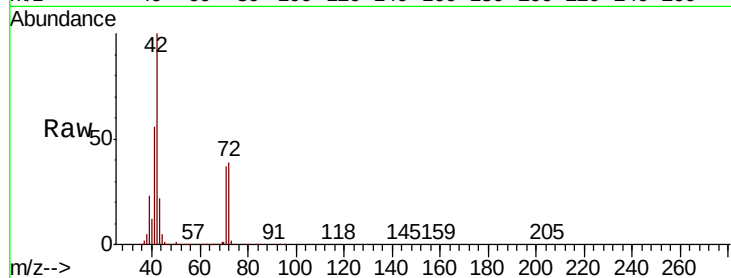
Tot Ion: 42 Resp: 509655

Ion Ratio Lower Upper

42 100

72 41.0 33.0 49.6

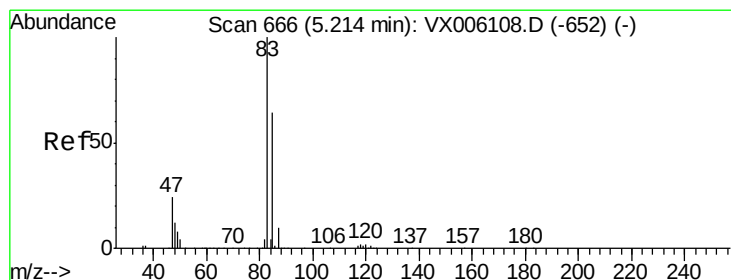
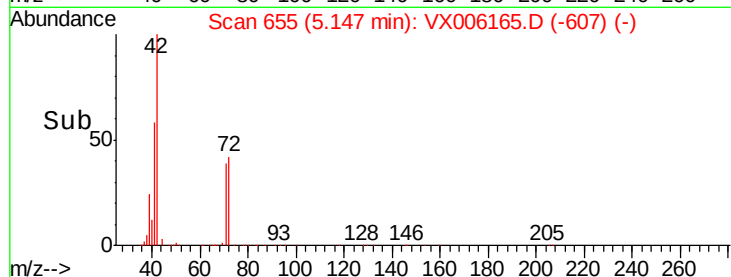
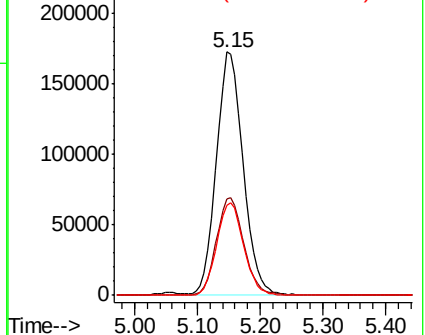
71 38.6 31.0 46.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.449 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006165.D

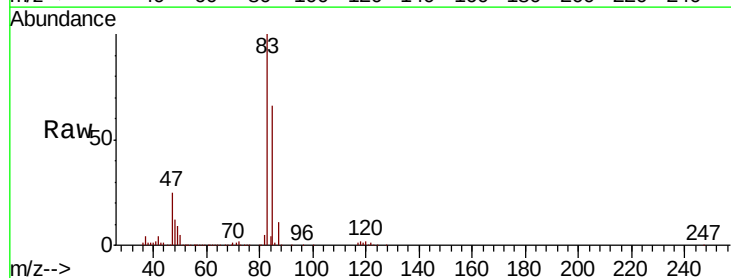
Acq: 26 Nov 2018 10:31

Tgt Ion: 83 Resp: 301078

Ion Ratio Lower Upper

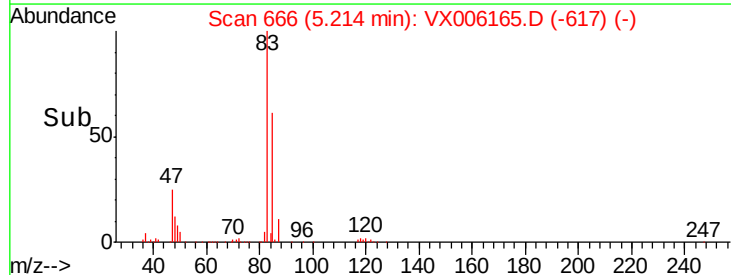
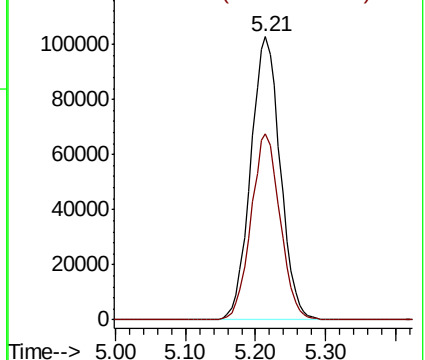
83 100

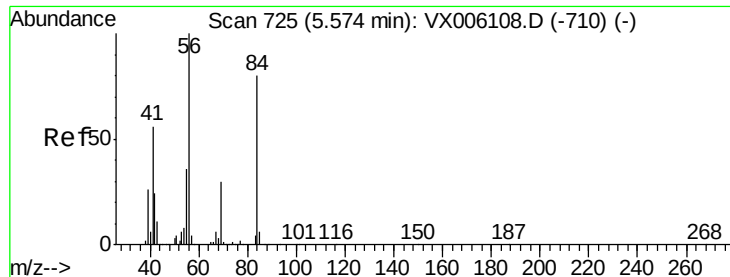
85 65.6 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

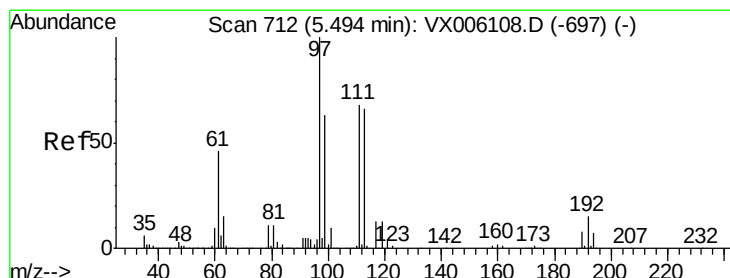
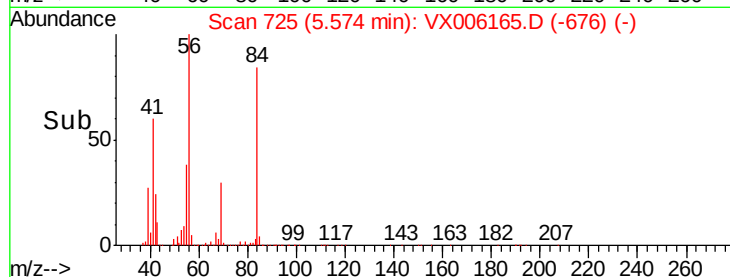
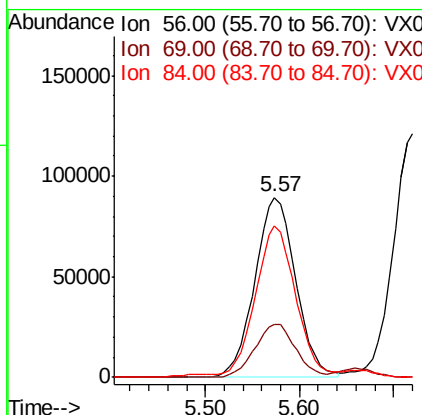
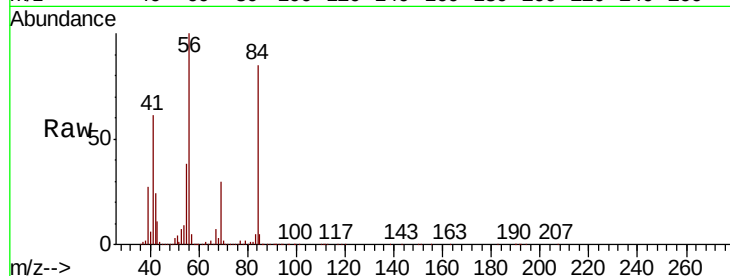




#31
Cyclohexane
Concen: 49.485 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

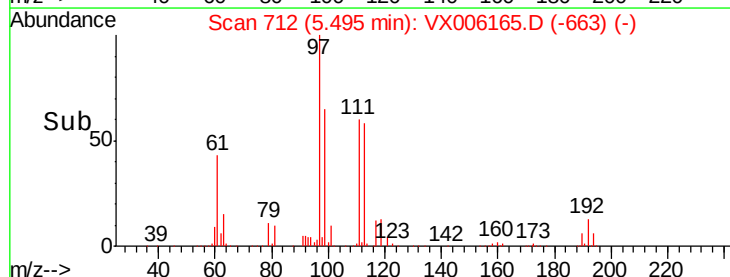
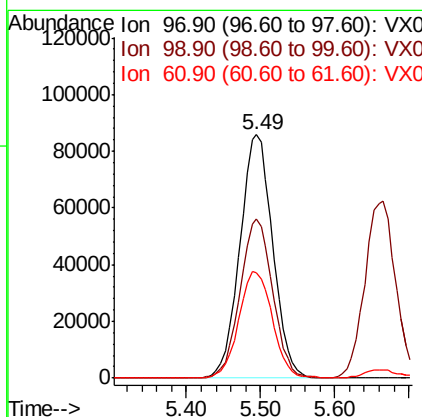
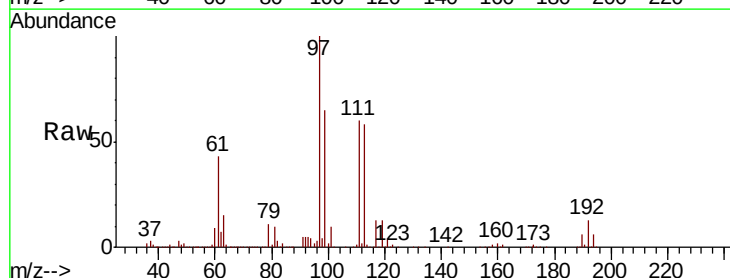
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

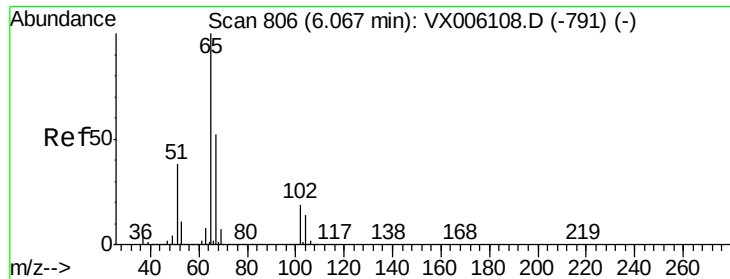
Tot Ion: 56 Resp: 270658
Ion Ratio Lower Upper
56 100
69 29.6 23.9 35.9
84 83.2 63.6 95.4



#32
1,1,1-Trichloroethane
Concen: 51.857 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 97 Resp: 265690
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 44.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 47.346 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

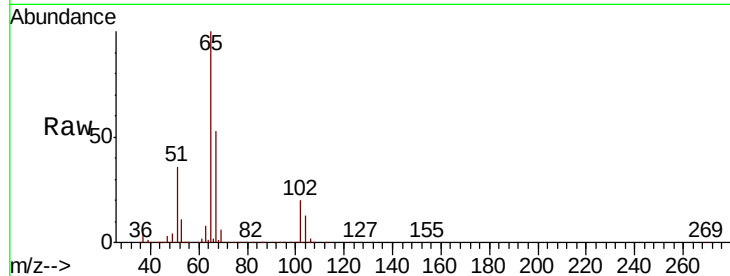
VSTDCCC050

Tot Ion: 65 Resp: 192812

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

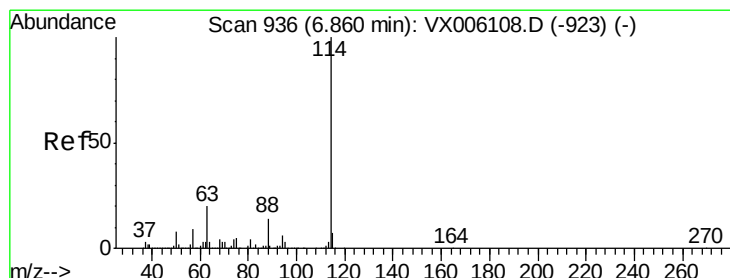
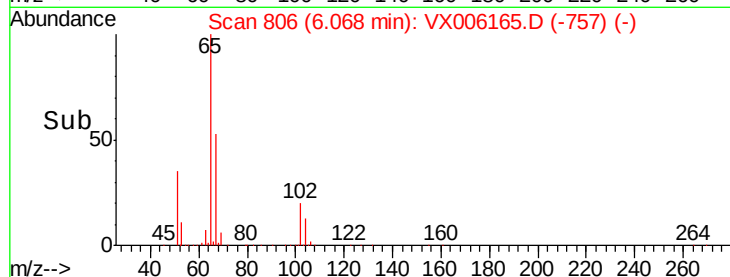
40000

20000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

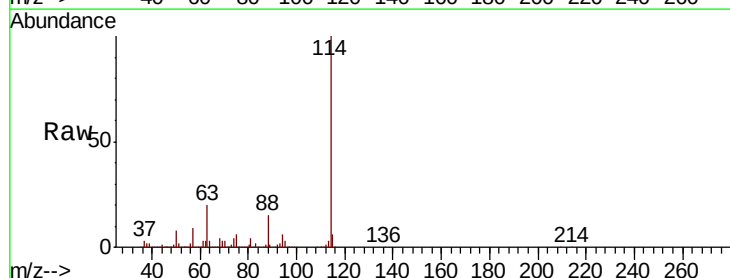
Tgt Ion: 114 Resp: 495928

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 15.4 0.0 28.6



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

6.86

250000

200000

150000

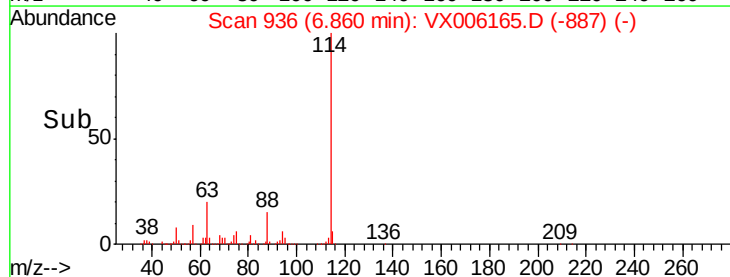
100000

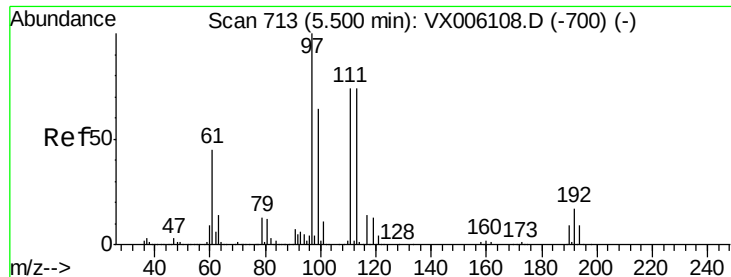
50000

0

6.70 6.80 6.90 7.00 7.10

Time-->





#35

Dibromofluoromethane

Concen: 48.064 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

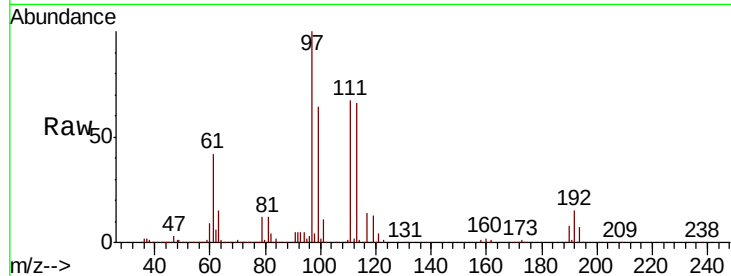
Tot Ion:113 Resp: 153008

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

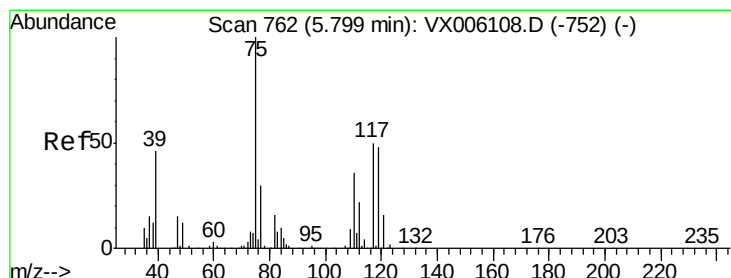
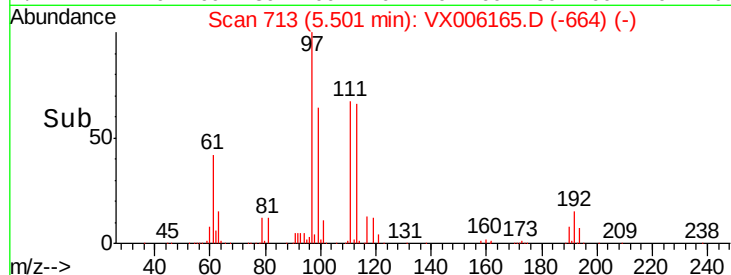
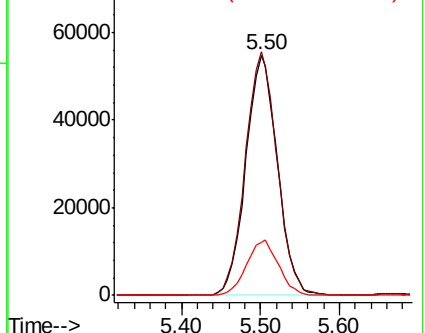
192 23.2 18.6 28.0



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: 51.023 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

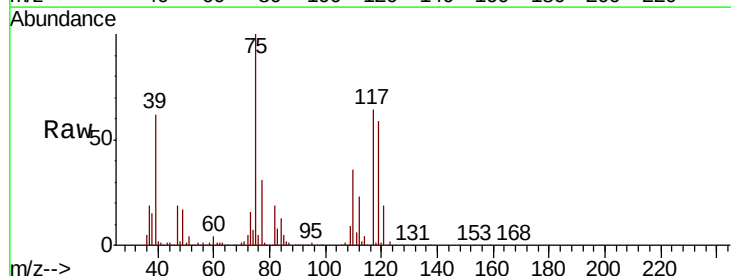
Tgt Ion: 75 Resp: 230200

Ion Ratio Lower Upper

75 100

110 35.6 17.8 53.3

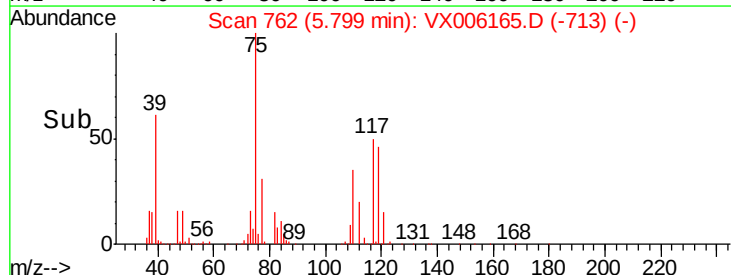
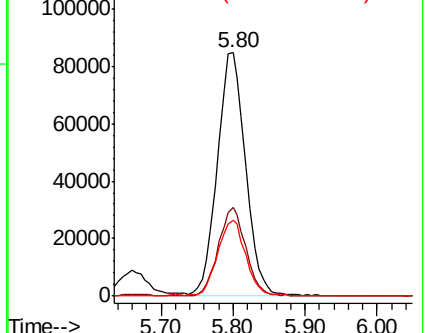
77 30.7 24.5 36.7

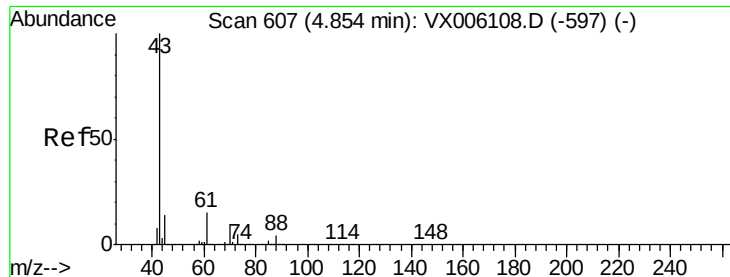


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

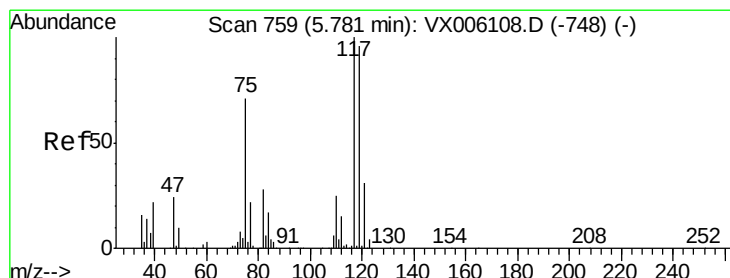
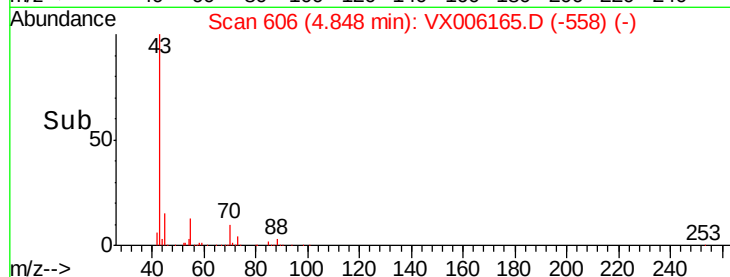
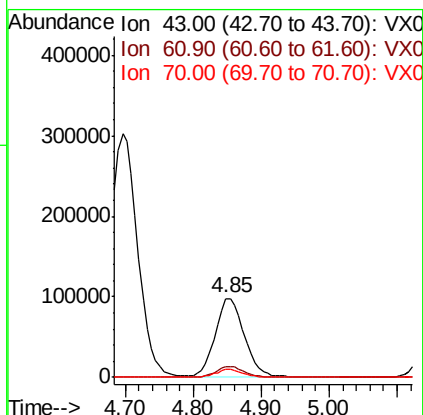
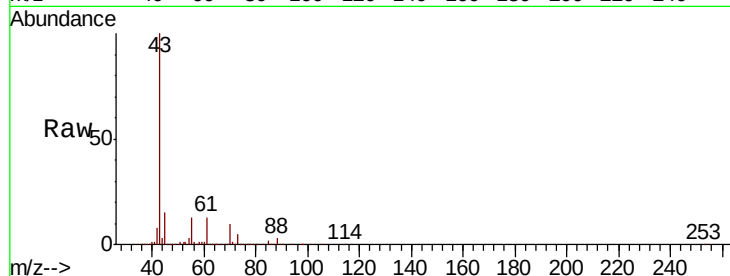




#37
Ethyl Acetate
Concen: 50.350 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

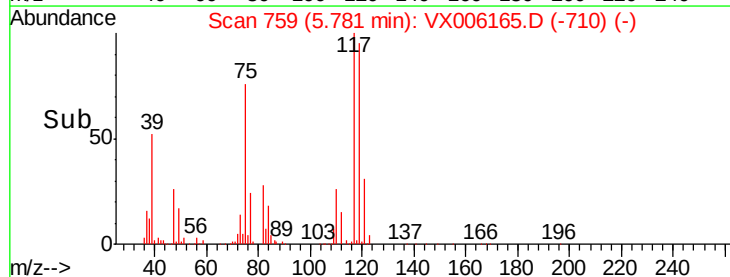
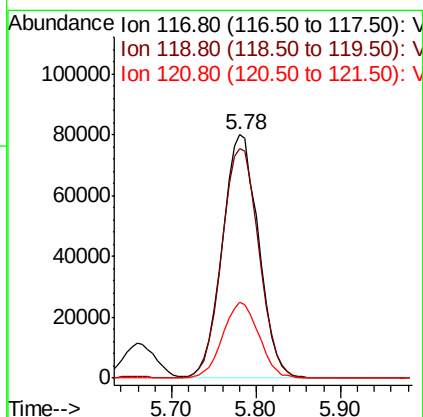
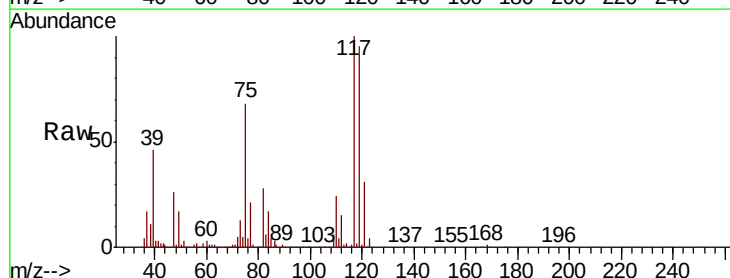
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

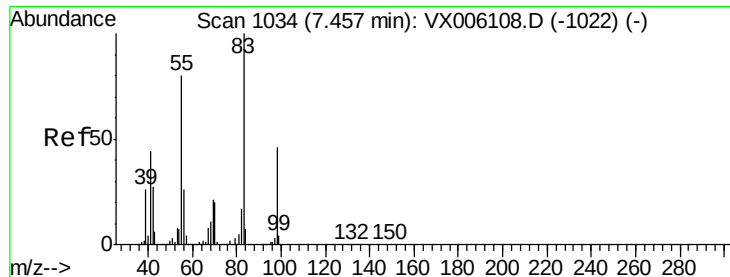
Tot Ion: 43 Resp: 292266
Ion Ratio Lower Upper
43 100
61 13.0 10.5 15.7
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 55.316 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 117 Resp: 234578
Ion Ratio Lower Upper
117 100
119 94.5 76.3 114.5
121 31.2 24.7 37.1

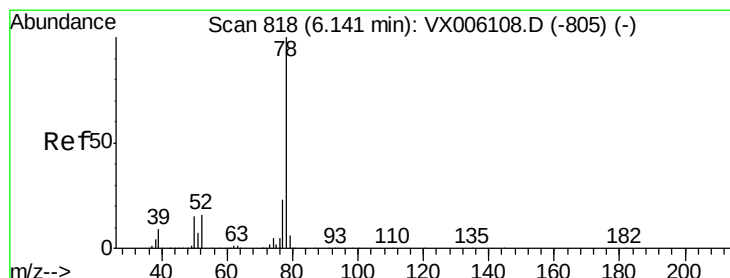
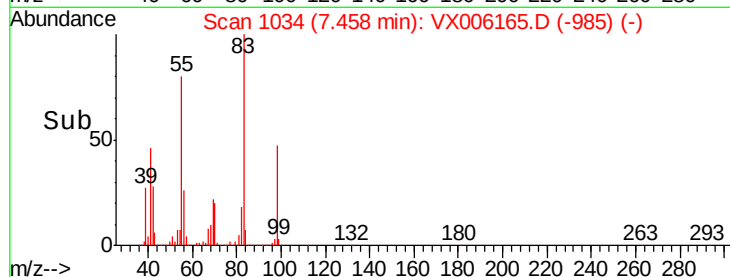
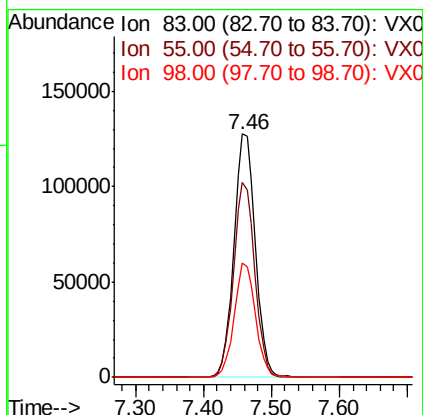
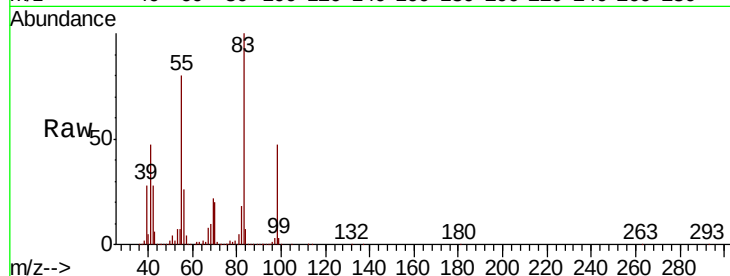




#39
Methylvlcyclohexane
Concen: 54.276 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

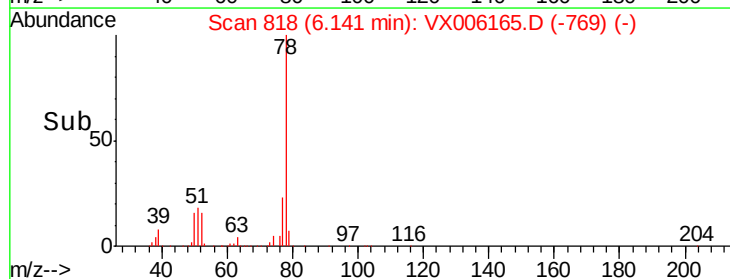
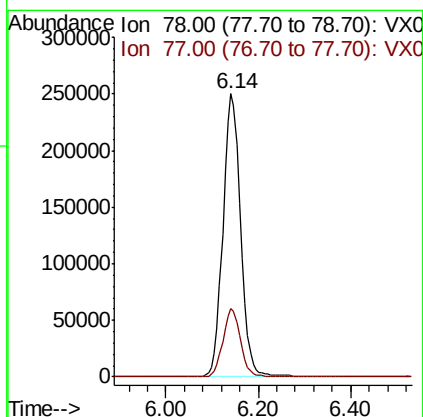
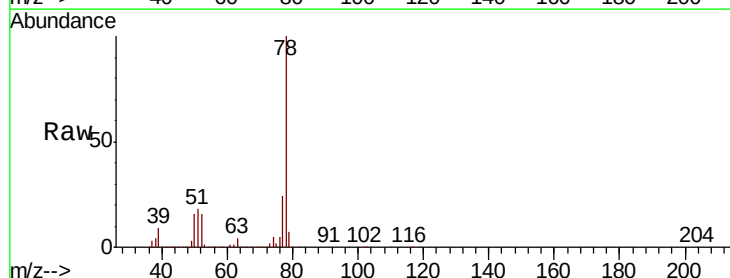
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

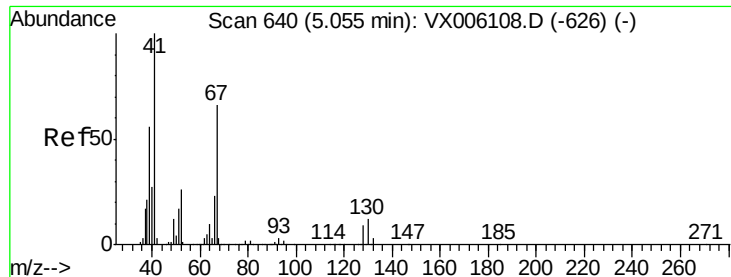
Tot Ion: 83 Resp: 278978
Ion Ratio Lower Upper
83 100
55 80.1 63.9 95.9
98 47.2 36.8 55.2



#40
Benzene
Concen: 50.026 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 78 Resp: 664960
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

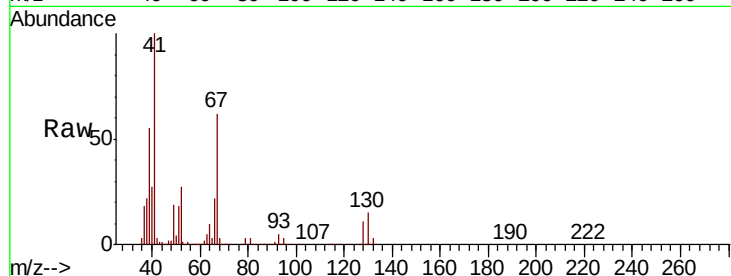




#41
Methacrylonitrile
Concen: 50.849 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	162658
Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.1	66.1
67	65.7	54.1	81.1
52	27.7	21.7	32.5



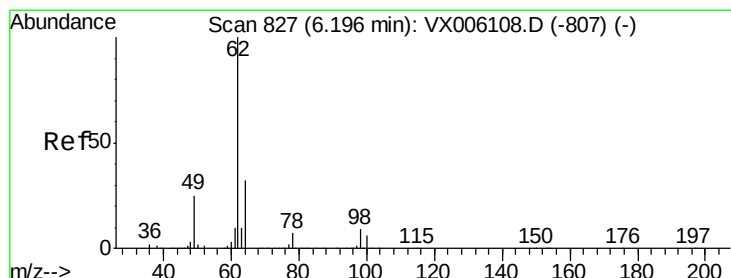
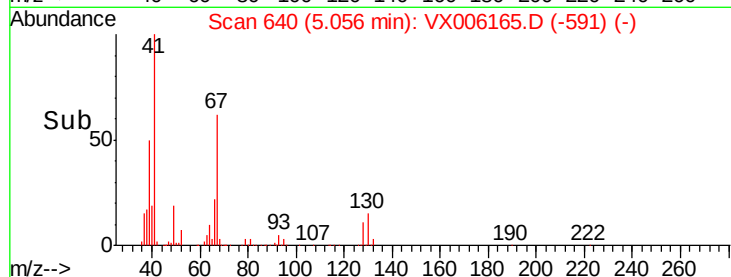
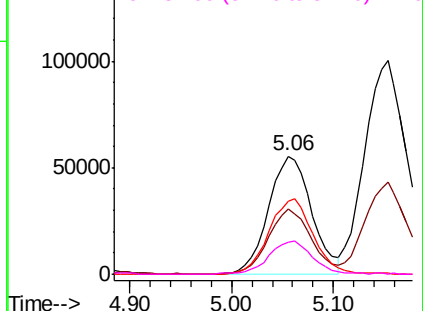
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

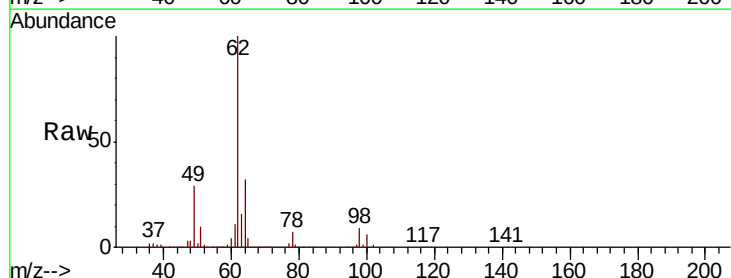
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 50.560 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

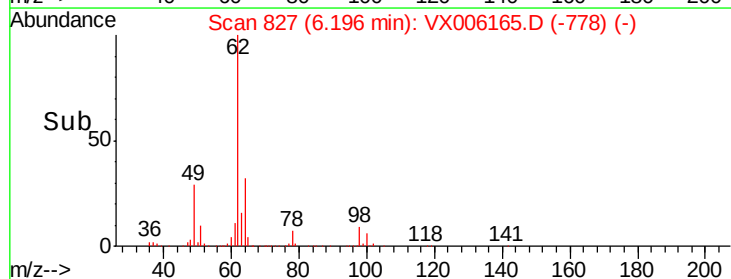
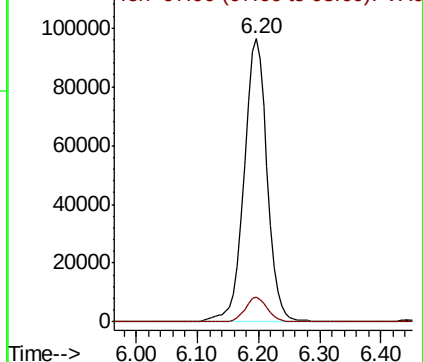
Tgt Ion:	62	Resp:	251257
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8

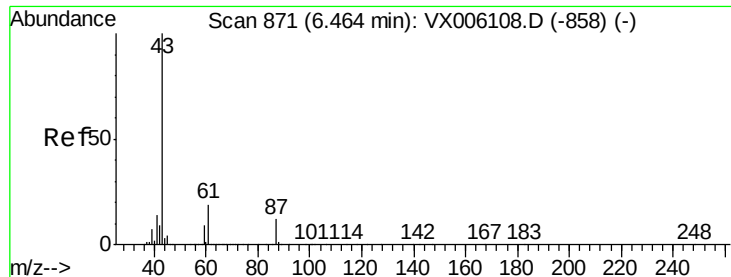


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.849 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

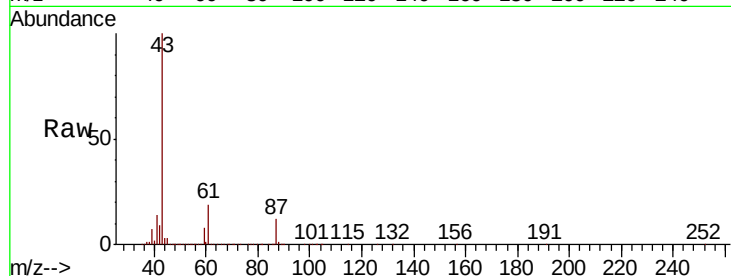
Tot Ion: 43 Resp: 443020

Ion Ratio Lower Upper

43 100

61 18.9 15.2 22.8

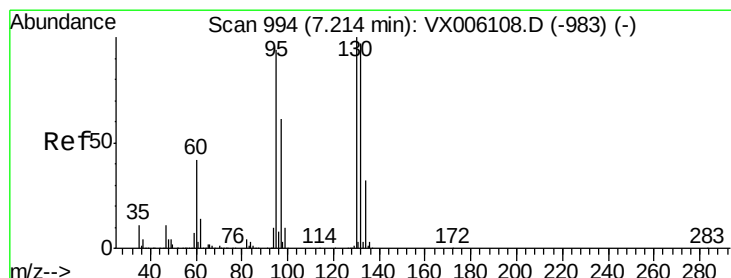
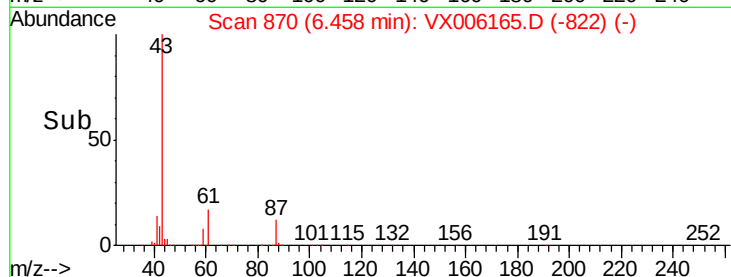
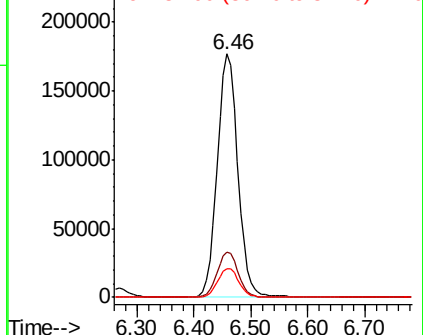
87 12.3 9.6 14.4



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: 49.650 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006165.D

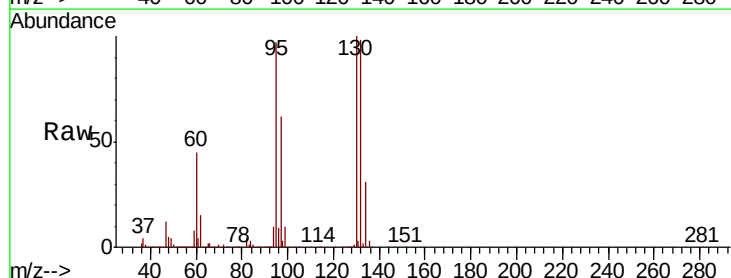
Acq: 26 Nov 2018 10:31

Tgt Ion:130 Resp: 183425

Ion Ratio Lower Upper

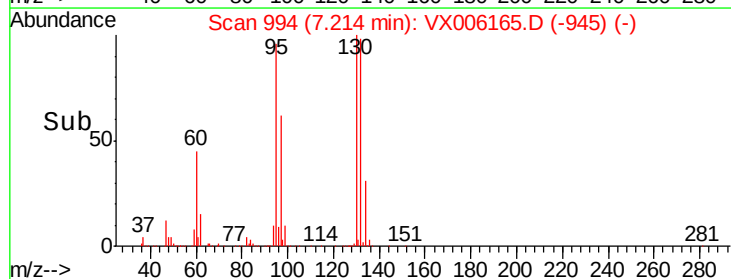
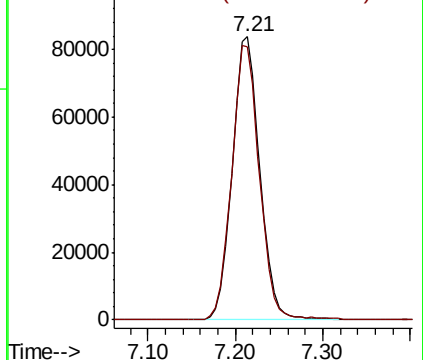
130 100

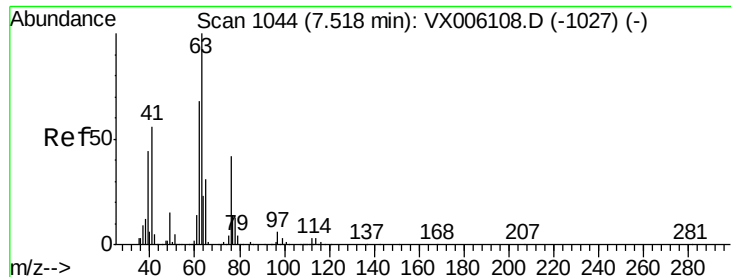
95 96.5 0.0 188.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.324 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

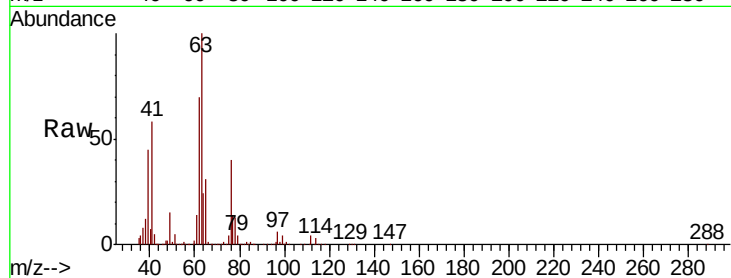
VSTDCCC050

Tot Ion: 63 Resp: 180547

Ion Ratio Lower Upper

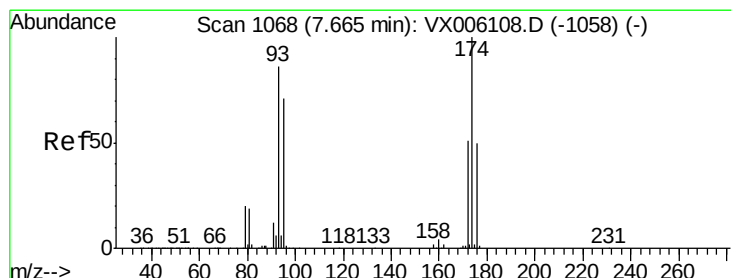
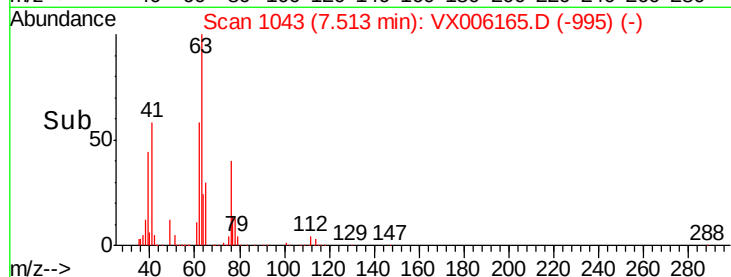
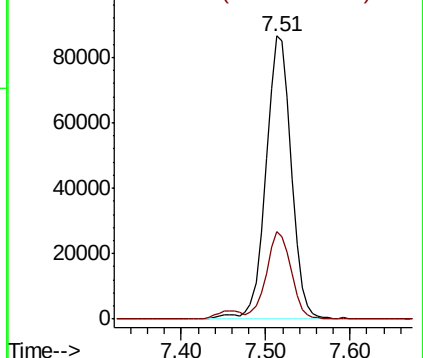
63 100

65 30.8 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.004 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

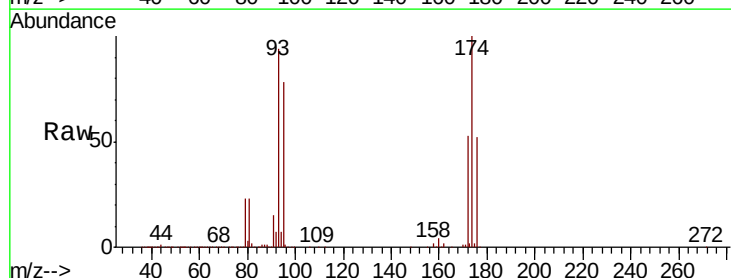
Tgt Ion: 93 Resp: 120464

Ion Ratio Lower Upper

93 100

95 82.7 66.3 99.5

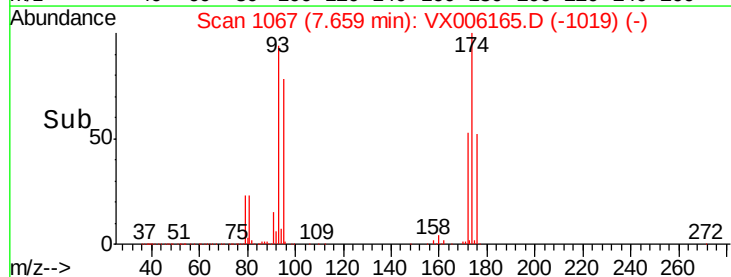
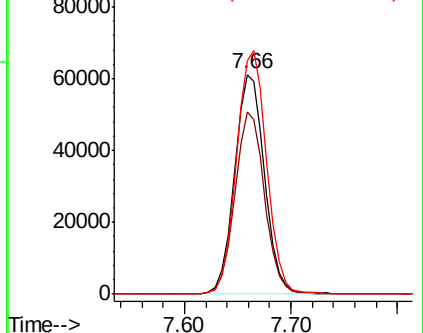
174 111.6 91.0 136.6

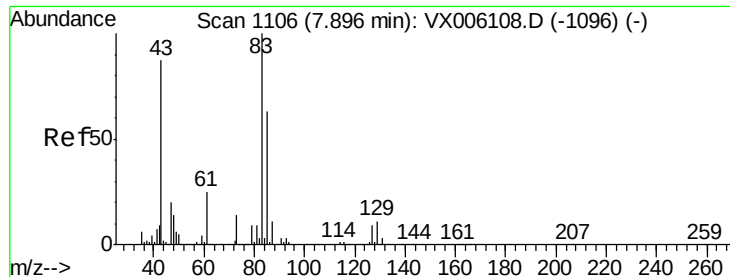


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

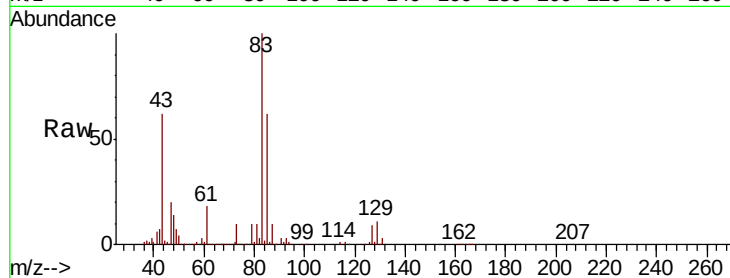




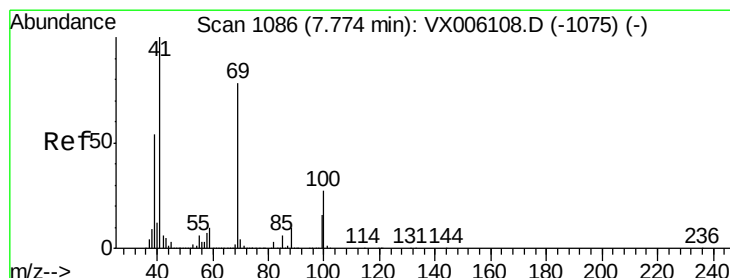
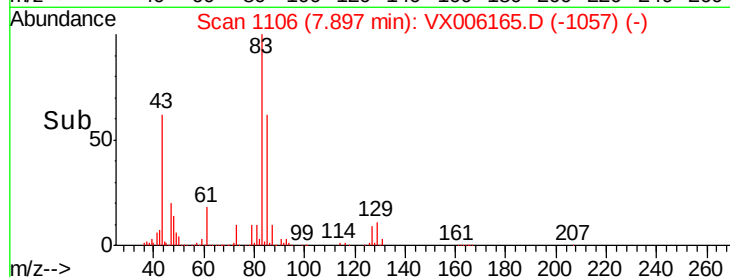
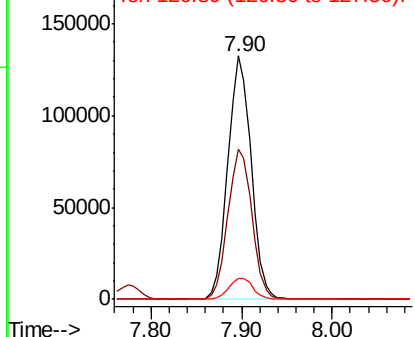
#47
 Bromodichloromethane
 Concen: 53.070 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 83 Resp: 236463
 Ion Ratio Lower Upper
 83 100
 85 61.9 50.4 75.6
 127 8.8 7.0 10.4

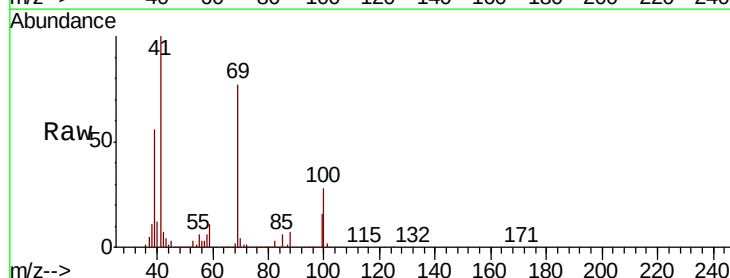


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

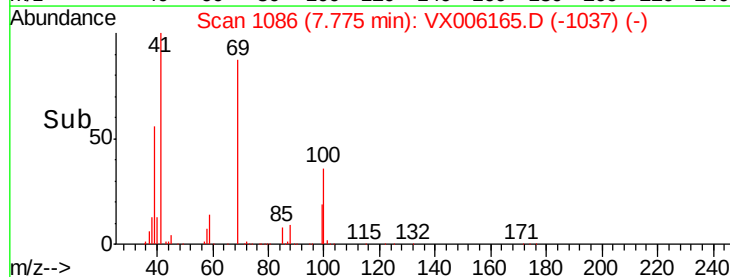
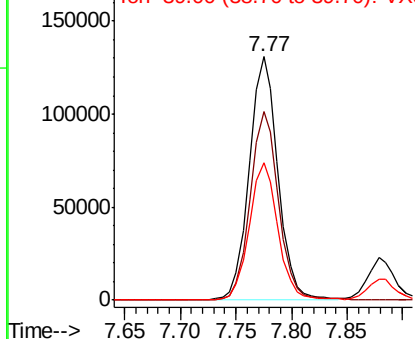


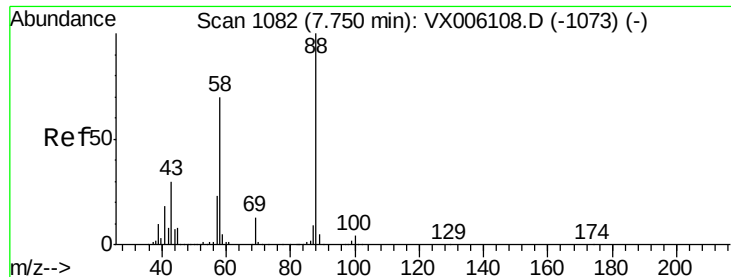
#48
 Methyl methacrylate
 Concen: 55.022 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

Tgt Ion: 41 Resp: 233923
 Ion Ratio Lower Upper
 41 100
 69 77.5 62.8 94.2
 39 56.1 43.8 65.6



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

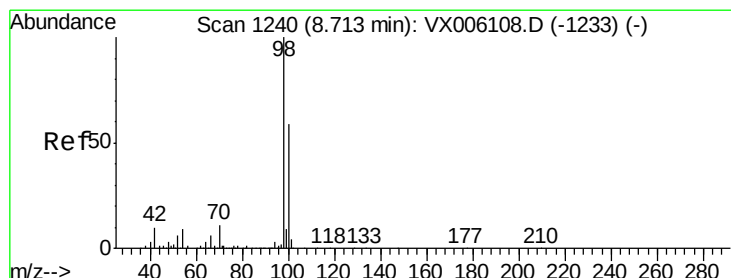
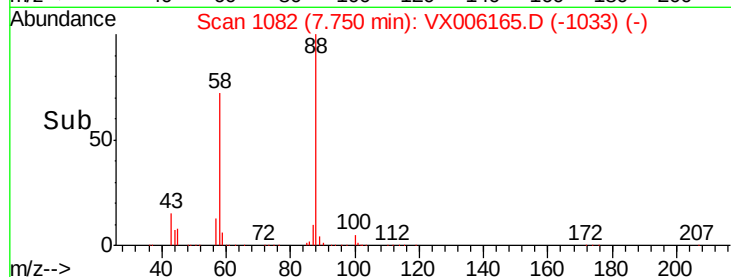
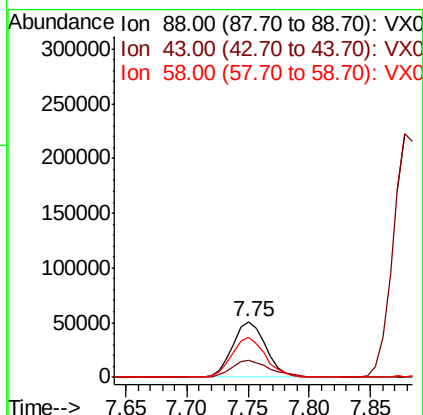
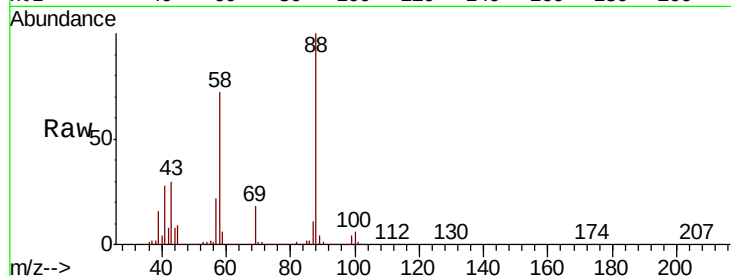




#49
 1,4-Dioxane
 Concen: 949.592 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

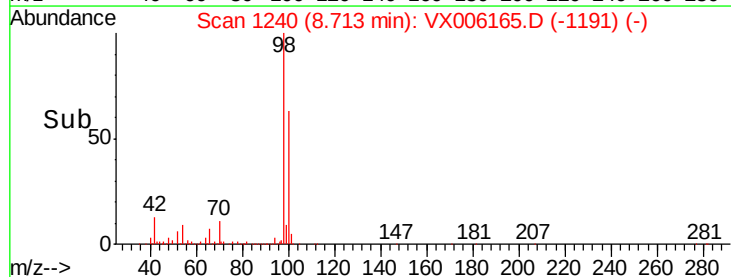
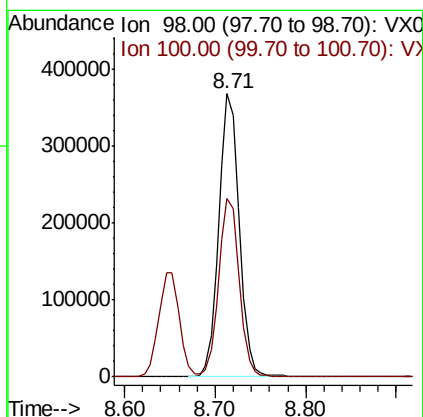
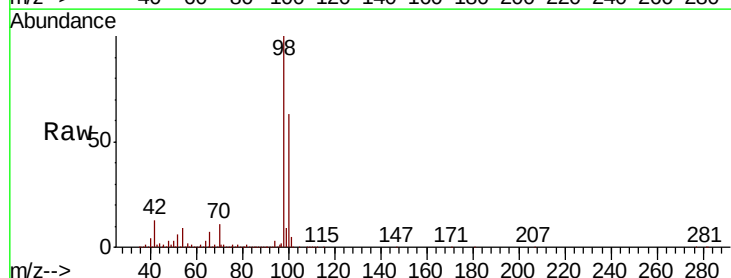
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

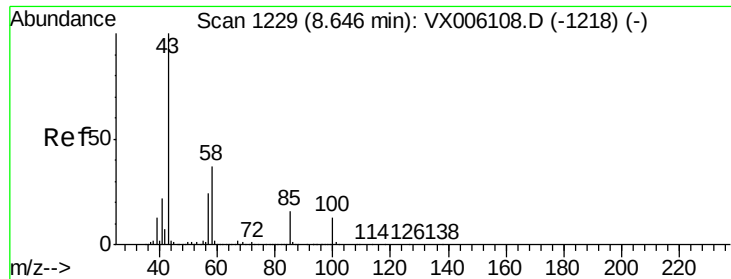
Tot Ion: 88 Resp: 95780
 Ion Ratio Lower Upper
 88 100
 43 34.5 26.7 40.1
 58 73.8 58.5 87.7



#50
 Toluene-d8
 Concen: 47.687 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

Tgt Ion: 98 Resp: 579021
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 261.823 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

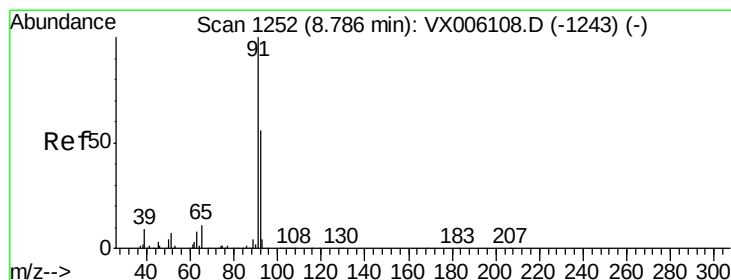
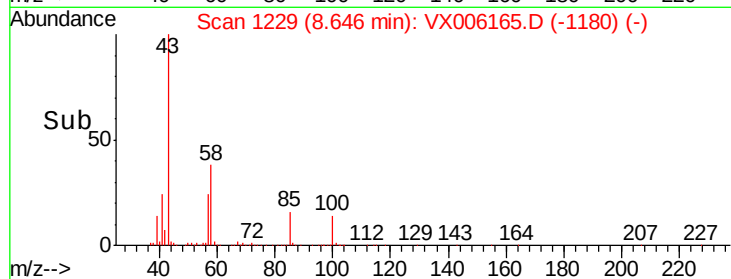
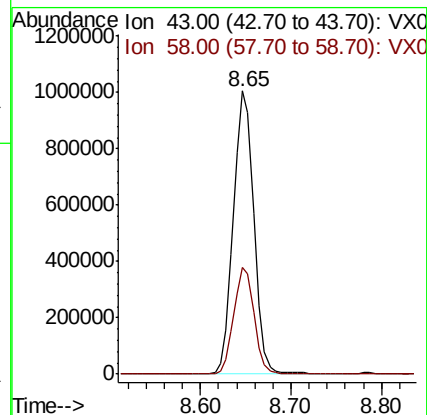
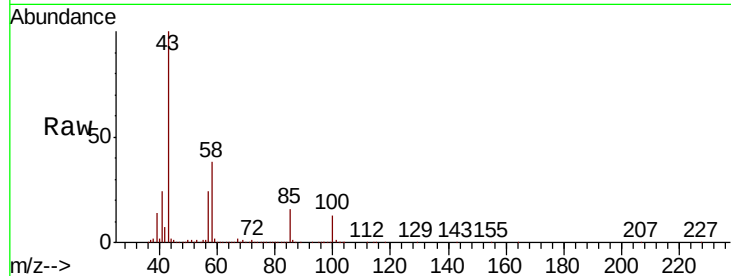
VSTDCCC050

Tot Ion: 43 Resp: 1573461

Ion Ratio Lower Upper

43 100

58 37.3 29.9 44.9



#52

Toluene

Concen: 51.683 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006165.D

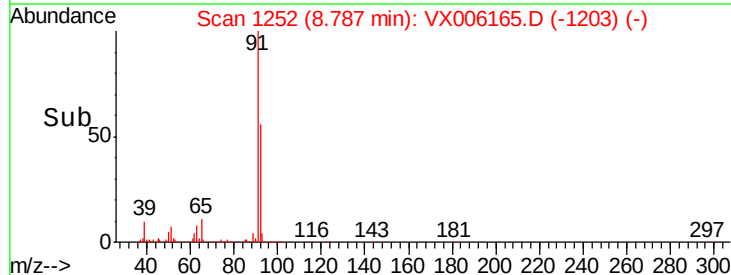
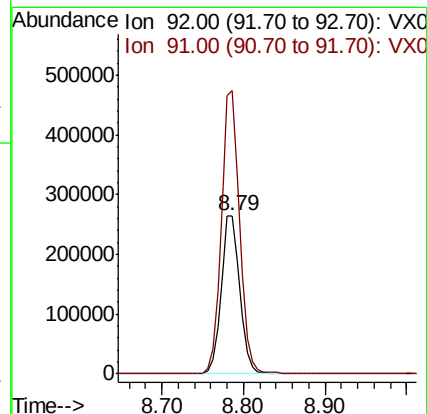
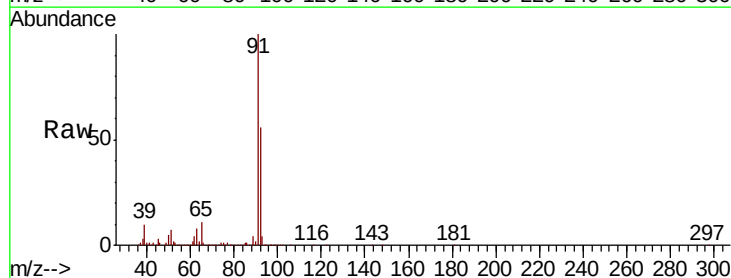
Acq: 26 Nov 2018 10:31

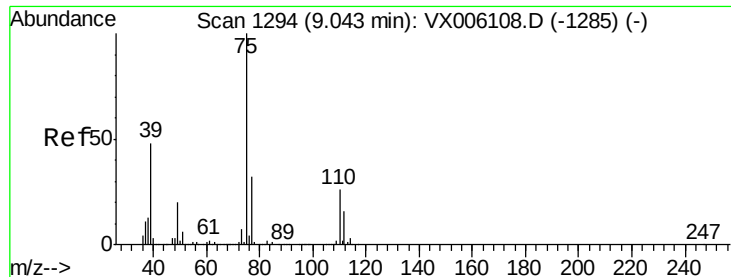
Tgt Ion: 92 Resp: 424920

Ion Ratio Lower Upper

92 100

91 176.2 142.5 213.7

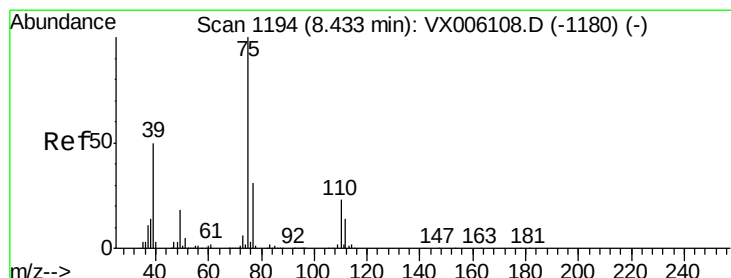
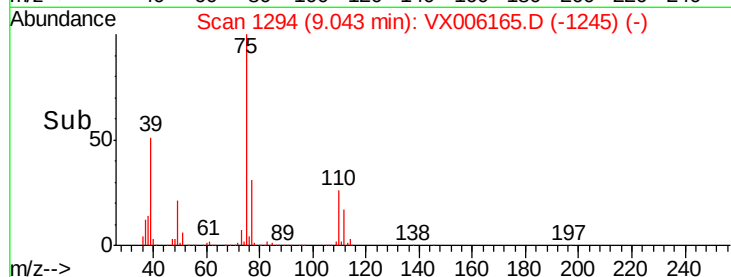
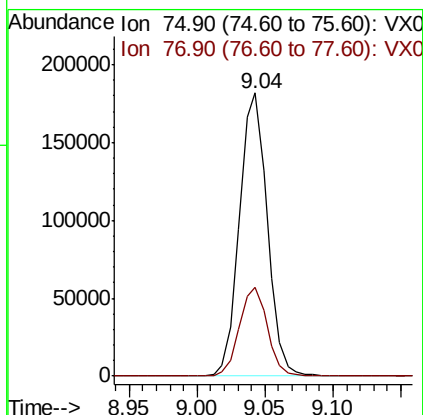
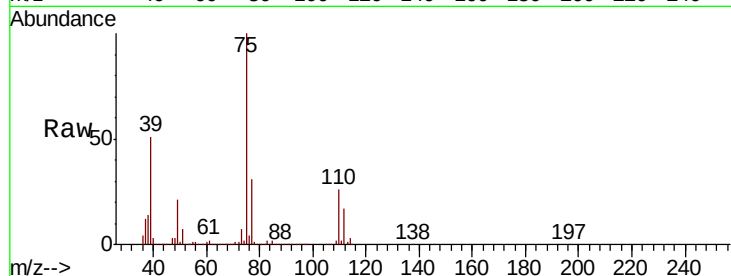




#53
t-1,3-Dichloropropene
Concen: 55.990 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

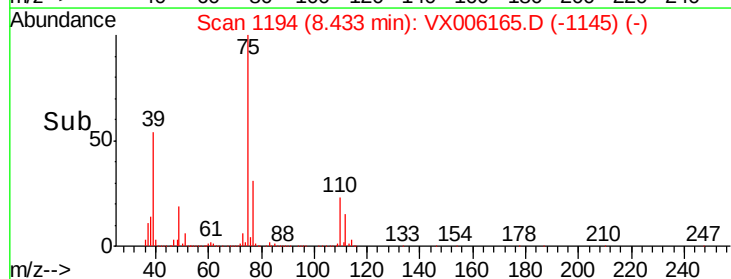
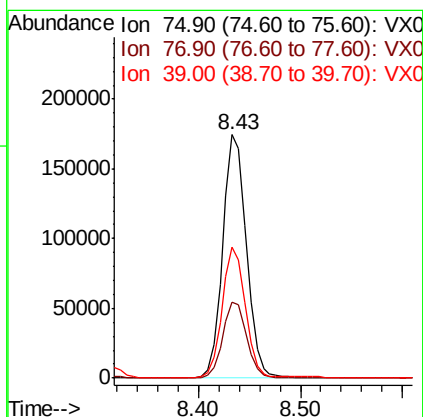
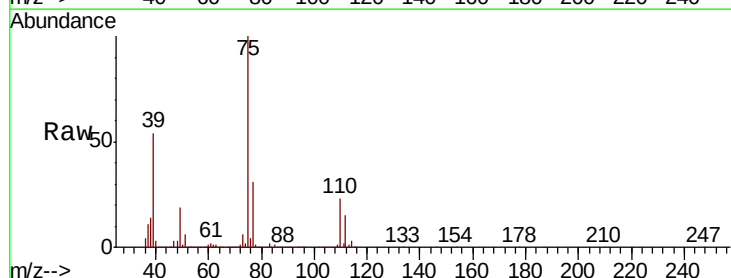
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

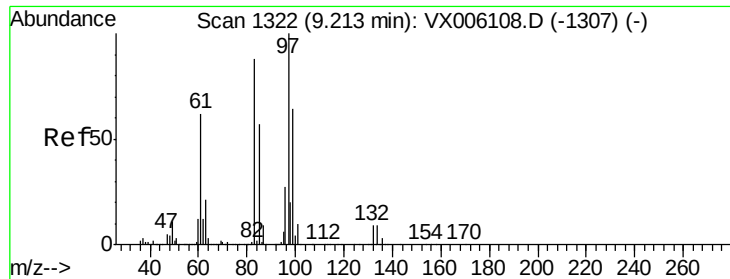
Tot Ion: 75 Resp: 260334
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 54.800 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 75 Resp: 281675
Ion Ratio Lower Upper
75 100
77 30.9 24.7 37.1
39 53.8 40.3 60.5

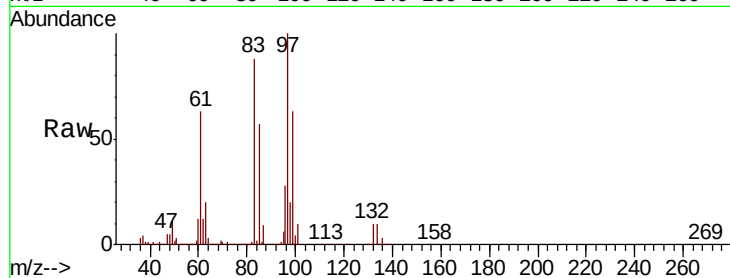




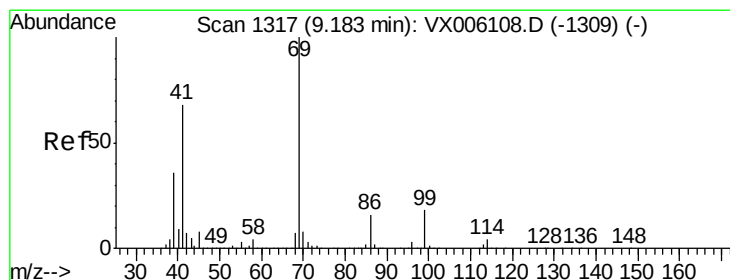
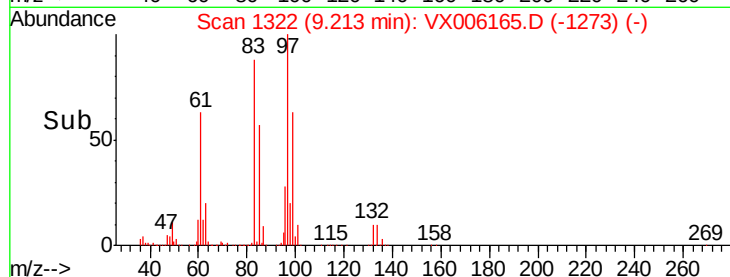
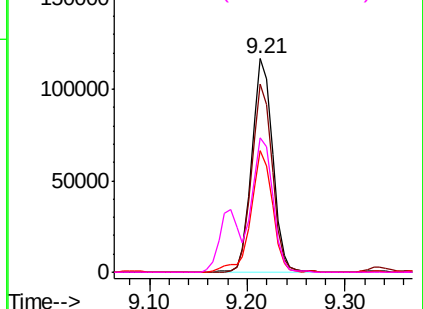
#55
 1,1,2-Trichloroethane
 Concen: 48.981 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	174406
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.7	106.1
85	56.8	45.7	68.5
99	63.0	51.4	77.2

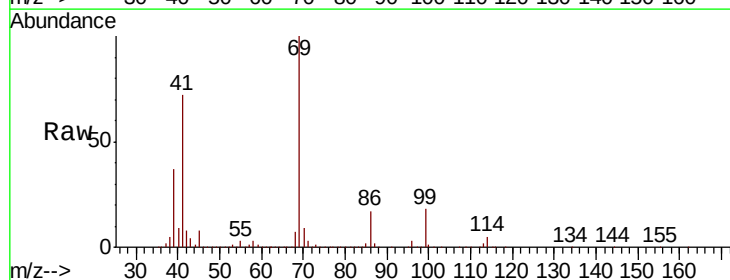


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

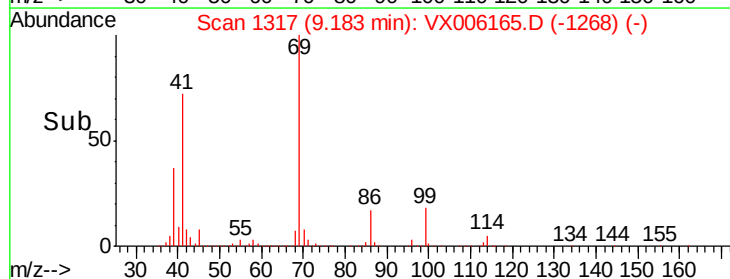
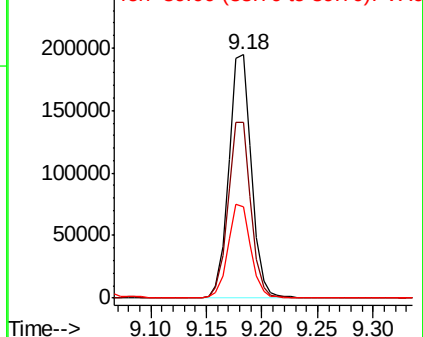


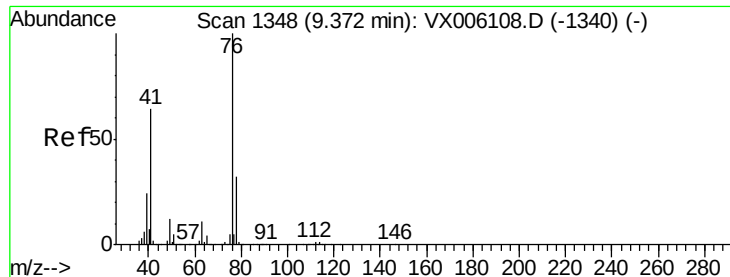
#56
 Ethyl methacrylate
 Concen: 49.181 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

Tgt Ion:	69	Resp:	272420
Ion	Ratio	Lower	Upper
69	100		
41	72.8	56.2	84.4
39	38.5	29.4	44.0



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





#57

1,3-Dichloropropane

Concen: 49.641 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

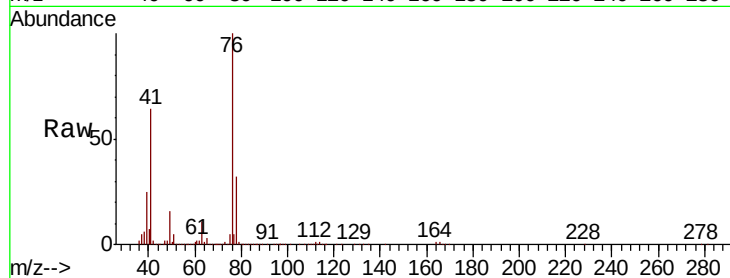
VSTDCCC050

Tot Ion: 76 Resp: 291348

Ion Ratio Lower Upper

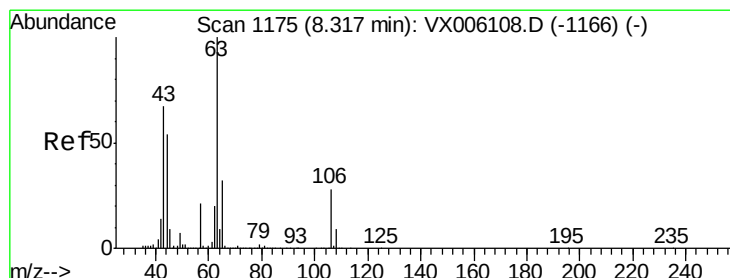
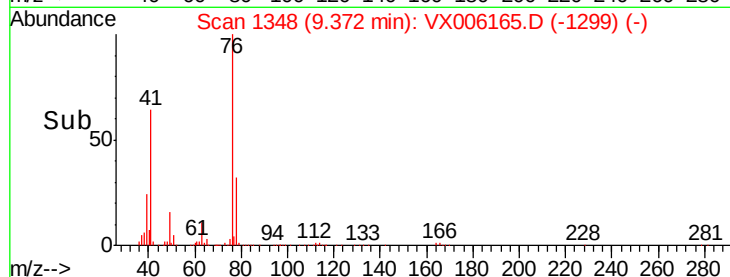
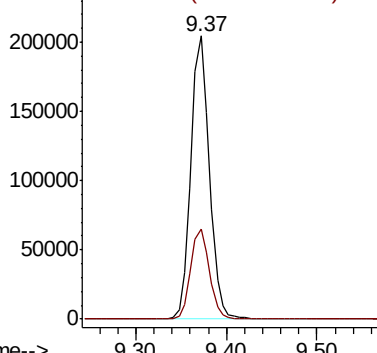
76 100

78 32.5 25.7 38.5



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: 205.584 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006165.D

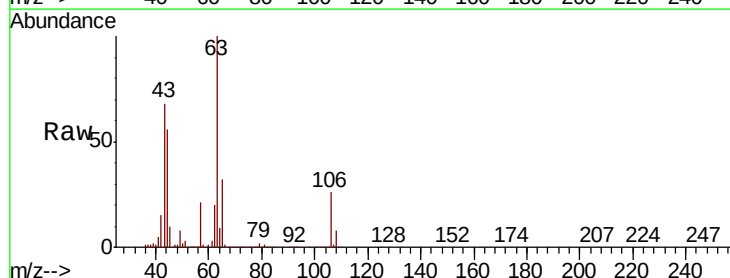
Acq: 26 Nov 2018 10:31

Tgt Ion: 63 Resp: 632394

Ion Ratio Lower Upper

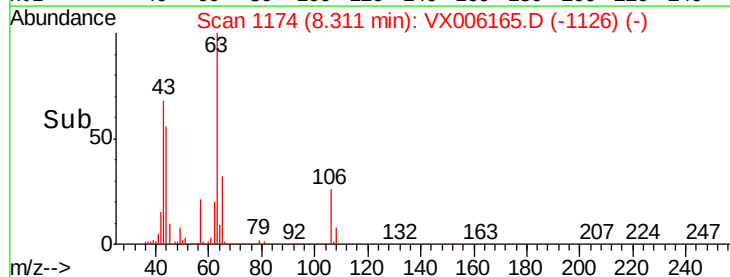
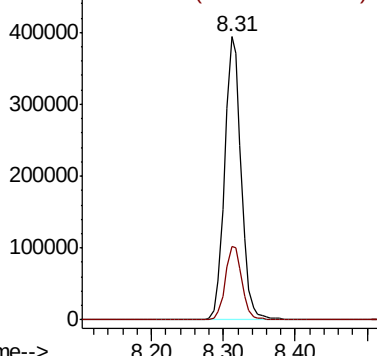
63 100

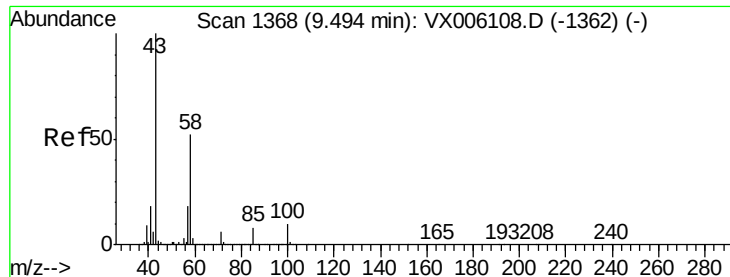
106 26.4 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

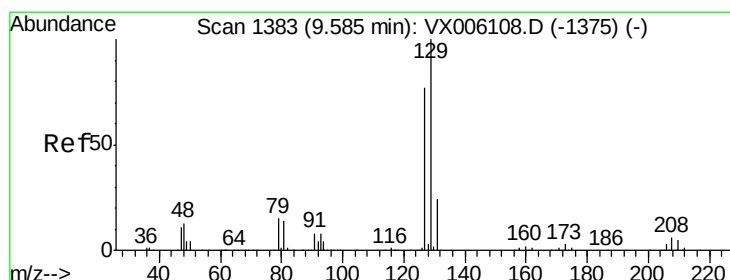
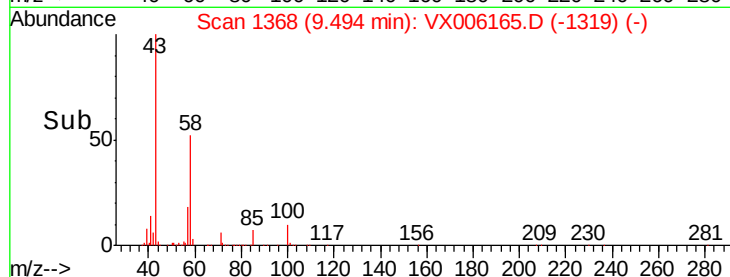
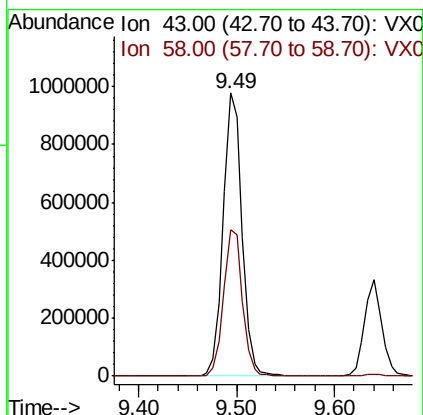
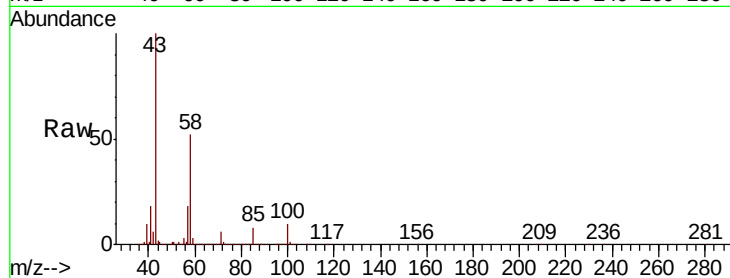




#59
2-Hexanone
Concen: 273.259 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

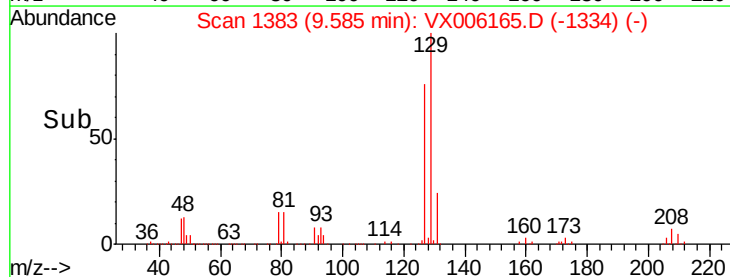
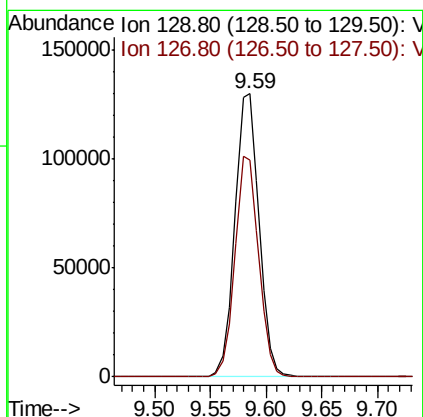
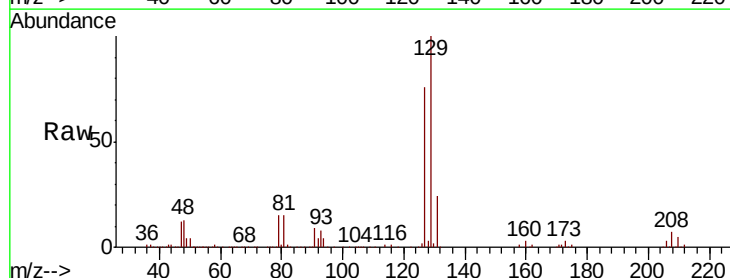
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

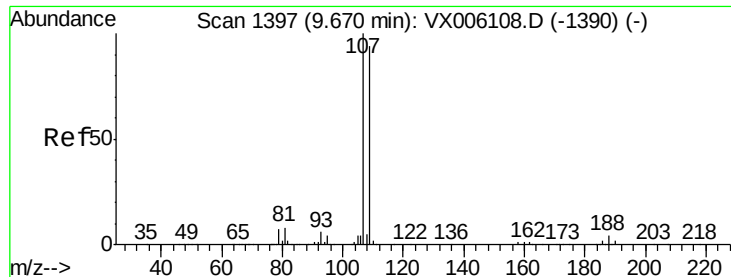
Tot Ion: 43 Resp: 1303255
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9



#60
Dibromochloromethane
Concen: 55.690 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 129 Resp: 194410
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.5





#61

1,2-Dibromoethane

Concen: 50.954 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

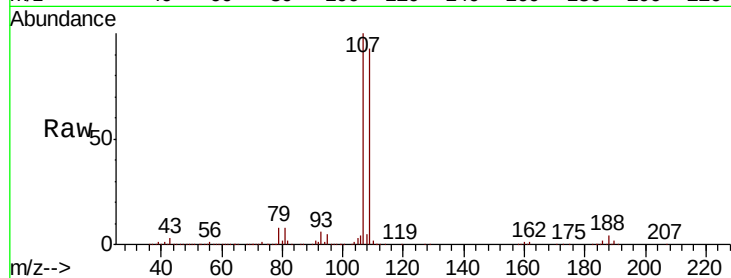
VSTDCCC050

Tot Ion:107 Resp: 186913

Ion Ratio Lower Upper

107 100

109 94.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

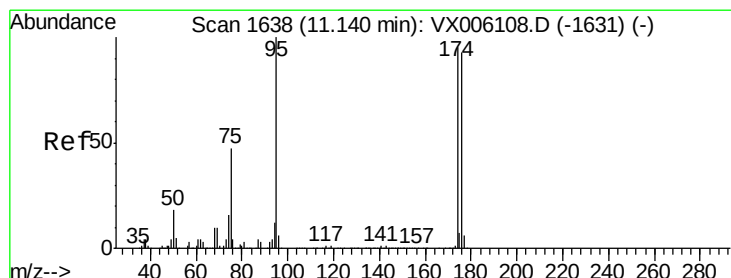
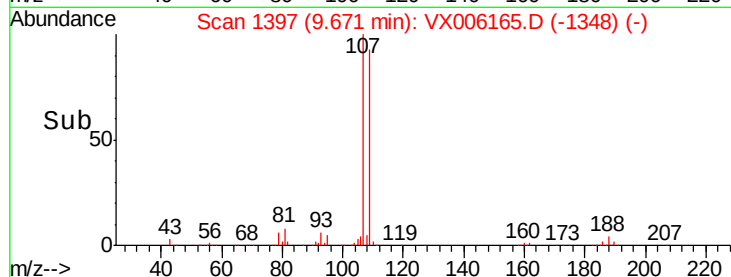
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.083 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

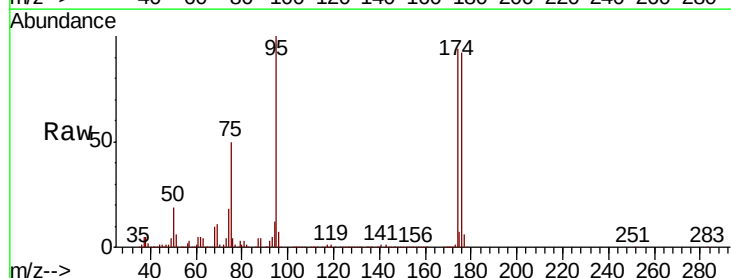
Tgt Ion: 95 Resp: 219058

Ion Ratio Lower Upper

95 100

174 91.0 0.0 184.4

176 88.2 0.0 179.0



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

200000

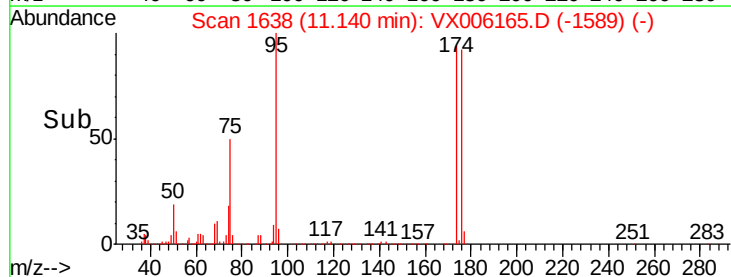
150000

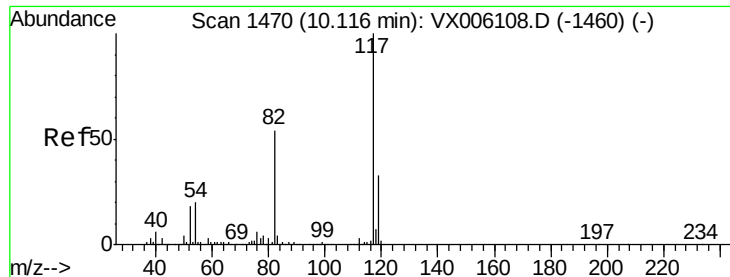
100000

50000

0

Time-->

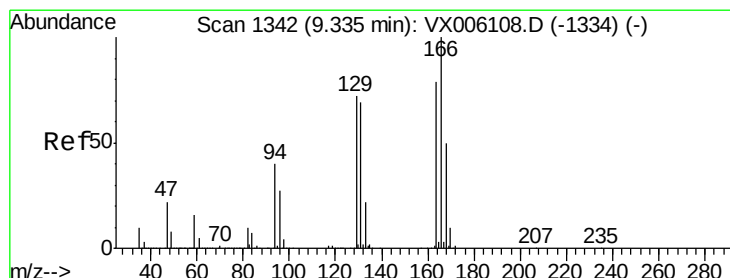
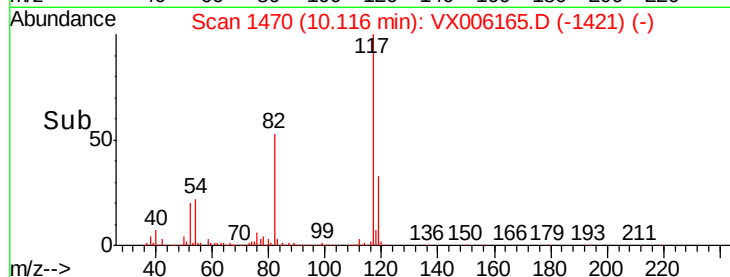
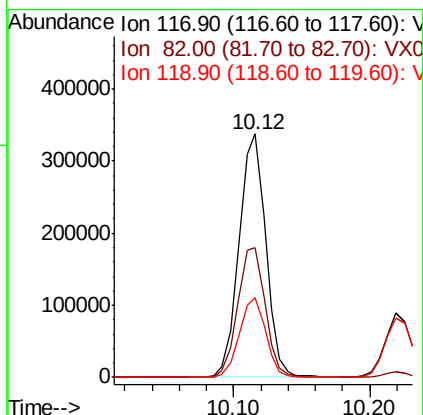
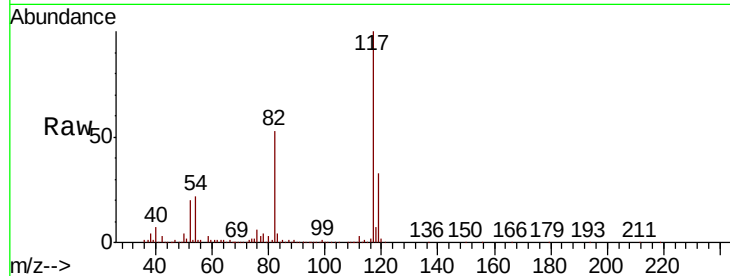




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

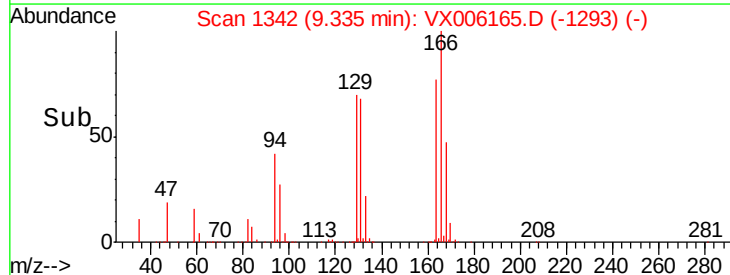
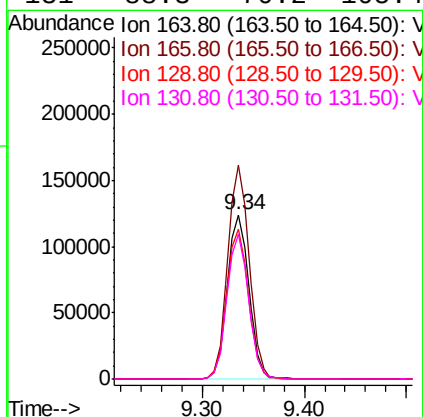
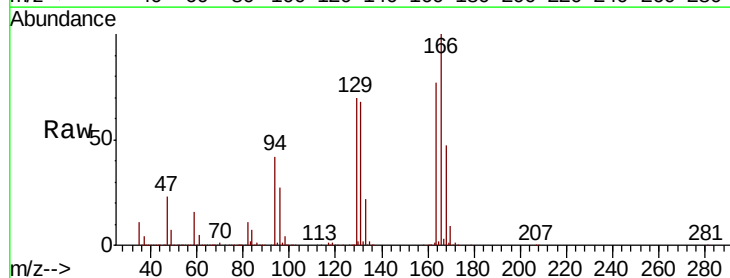
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

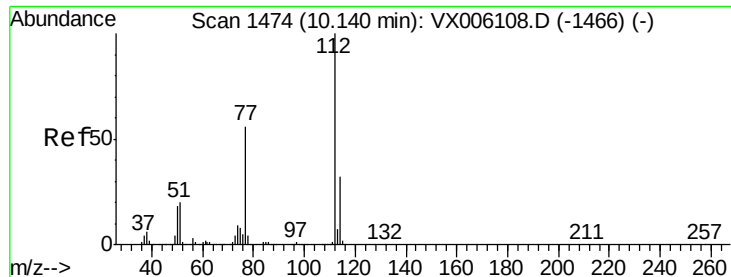
Tot Ion:117 Resp: 462564
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 47.715 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Tgt Ion:164 Resp: 181632
Ion Ratio Lower Upper
164 100
166 130.1 101.5 152.3
129 91.4 73.4 110.0
131 88.3 70.2 105.4

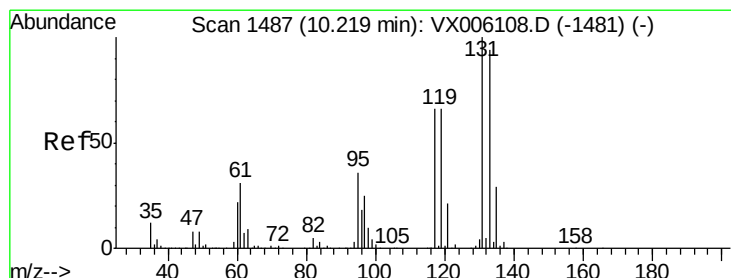
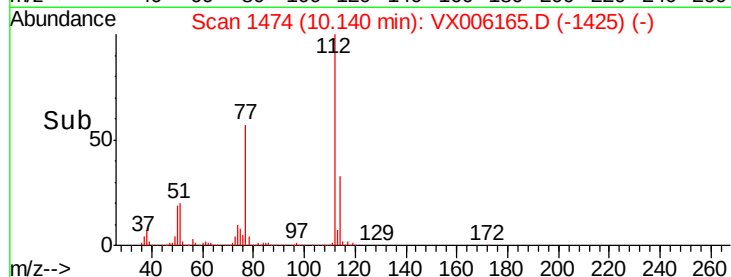
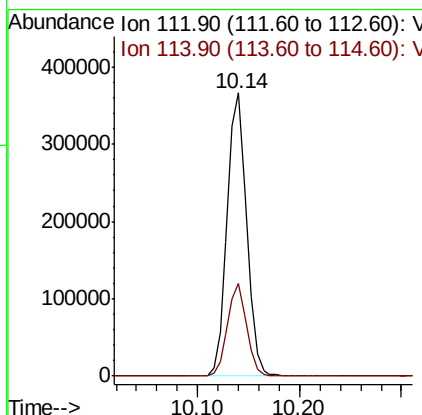
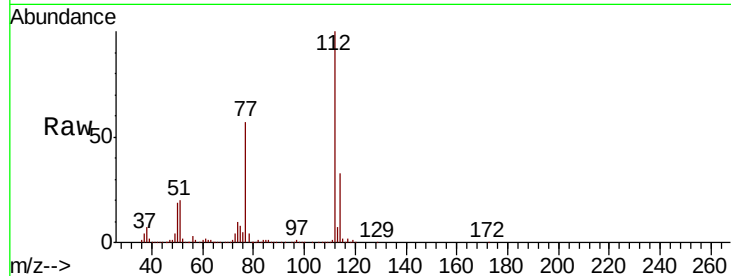




#65
Chlorobenzene
Concen: 51.205 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

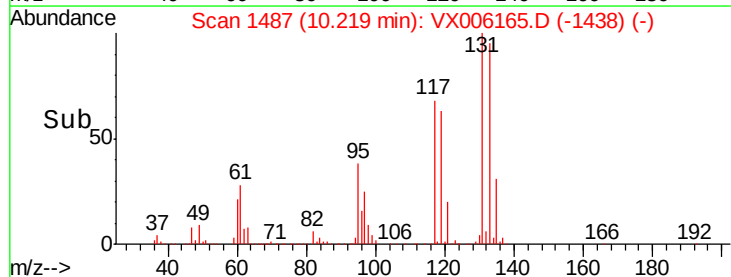
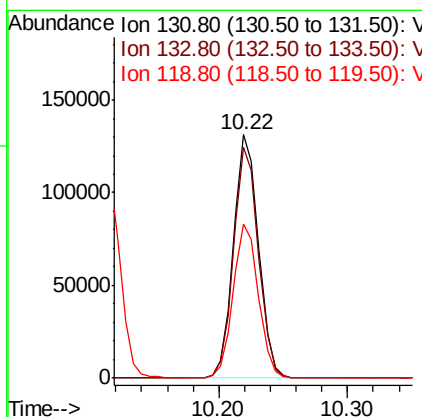
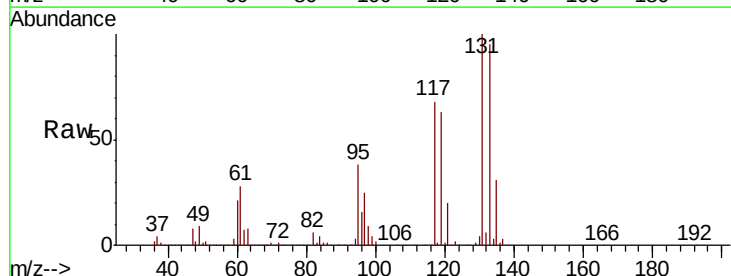
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

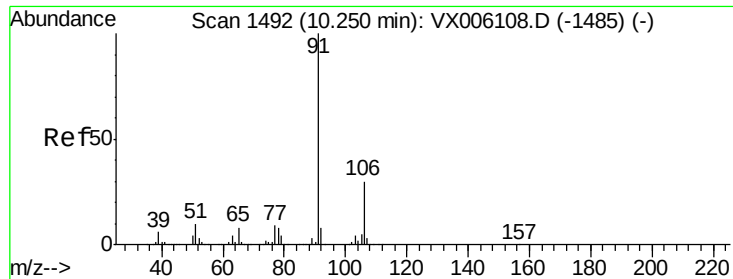
Tot Ion:112 Resp: 485838
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.591 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Tgt Ion:131 Resp: 177825
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.2
119 64.2 32.6 97.8





#67

Ethyl Benzene

Concen: 54.463 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

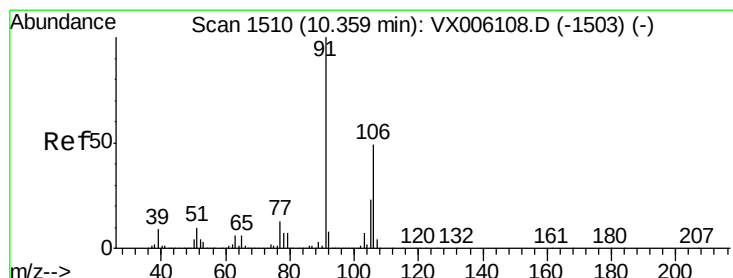
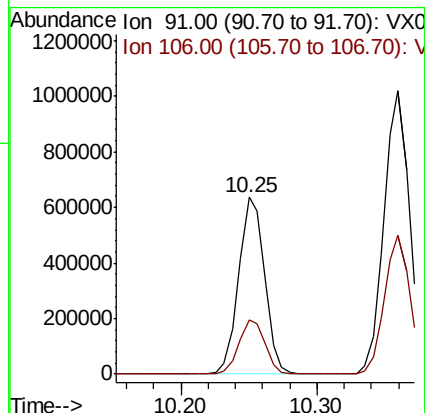
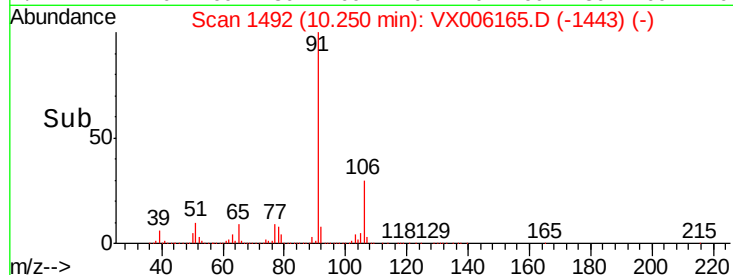
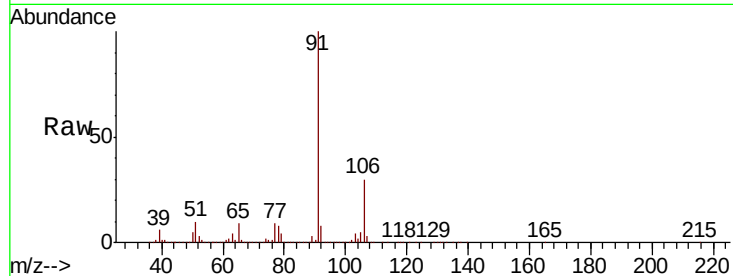
VSTDCCC050

Tot Ion: 91 Resp: 846104

Ion Ratio Lower Upper

91 100

106 30.4 24.4 36.6



#68

m/p-Xylenes

Concen: 108.283 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006165.D

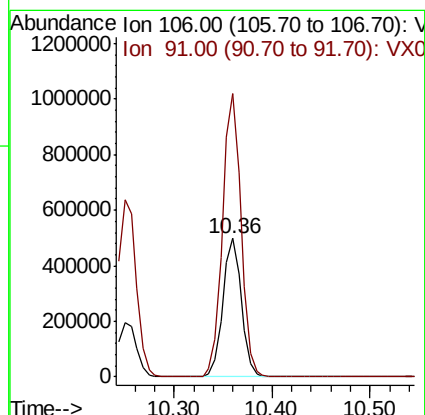
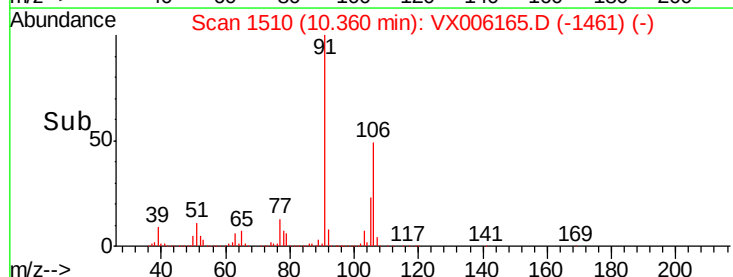
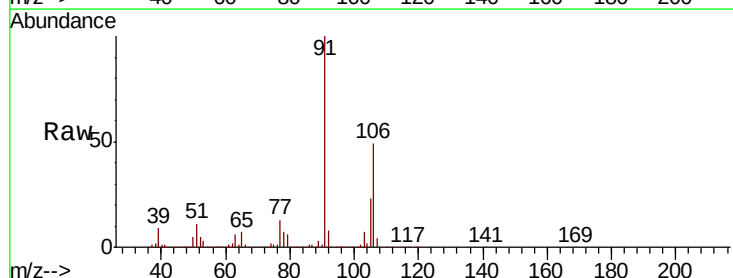
Acq: 26 Nov 2018 10:31

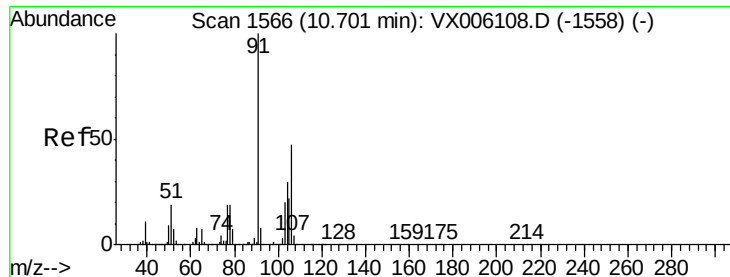
Tgt Ion: 106 Resp: 655056

Ion Ratio Lower Upper

106 100

91 204.3 162.0 243.0

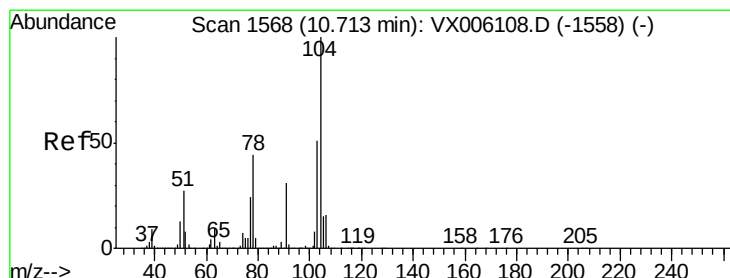
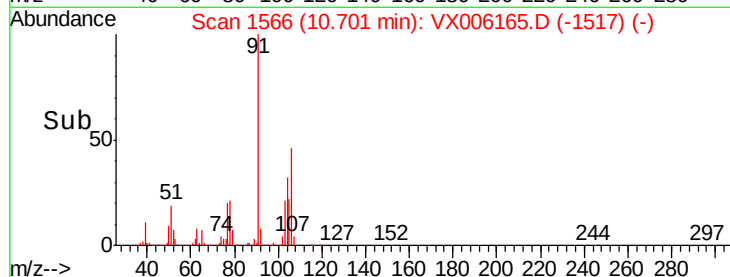
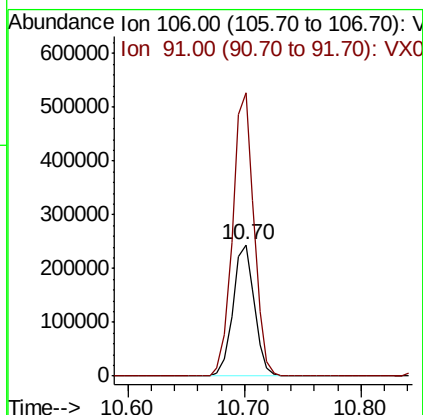
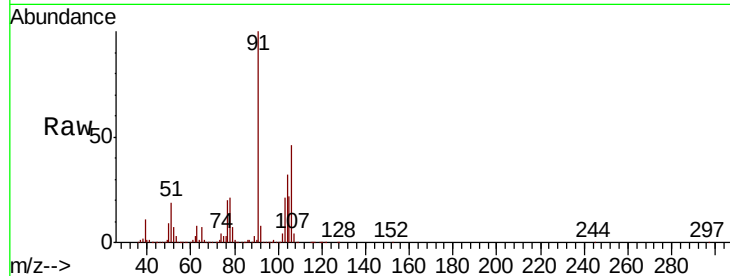




#69
o-Xylene
Concen: 54.019 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

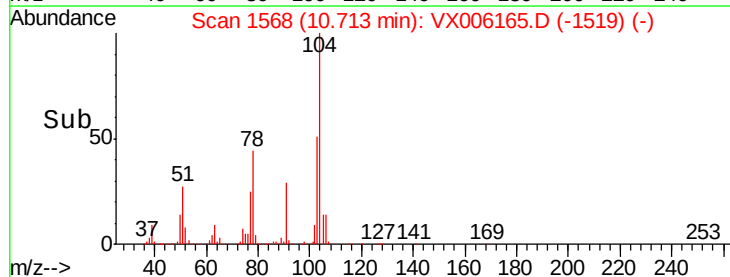
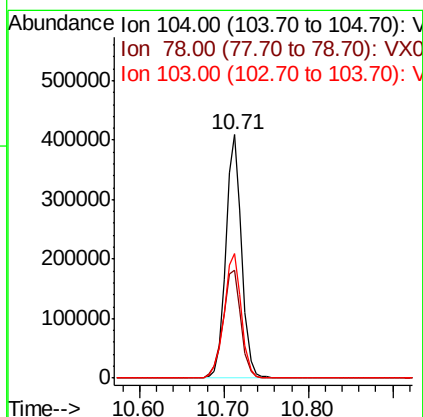
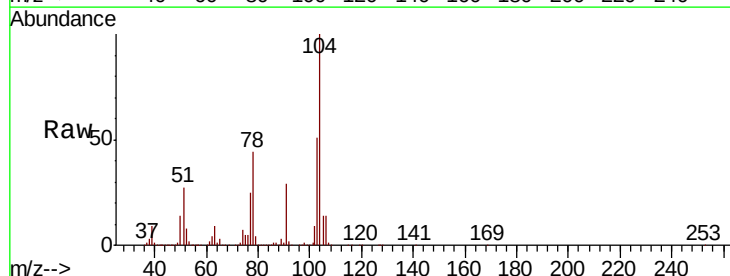
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

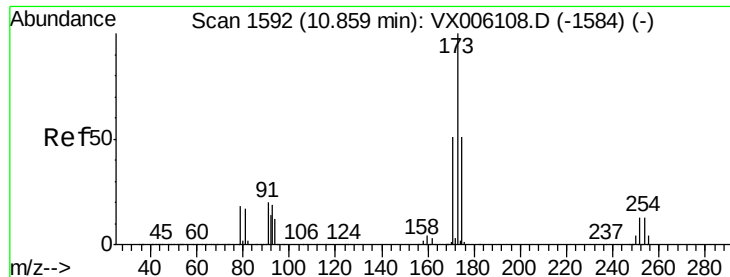
Tot Ion:106 Resp: 312145
Ion Ratio Lower Upper
106 100
91 215.2 107.4 322.2



#70
Styrene
Concen: 55.518 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Tgt Ion:104 Resp: 523077
Ion Ratio Lower Upper
104 100
78 50.8 39.4 59.2
103 56.3 44.6 67.0





#71

Bromoform

Concen: 55.067 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

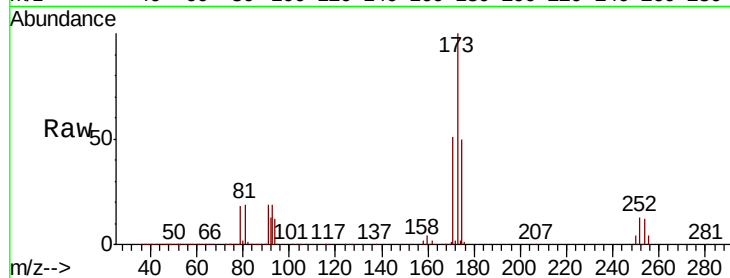
Tot Ion:173 Resp: 160566

Ion Ratio Lower Upper

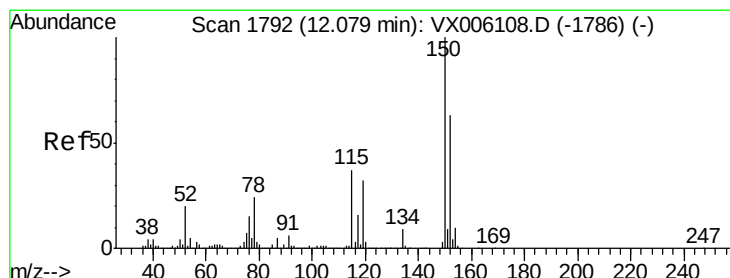
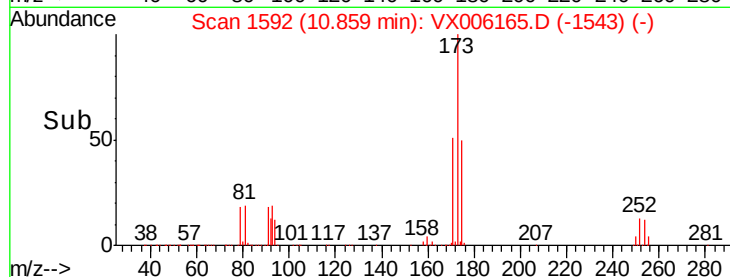
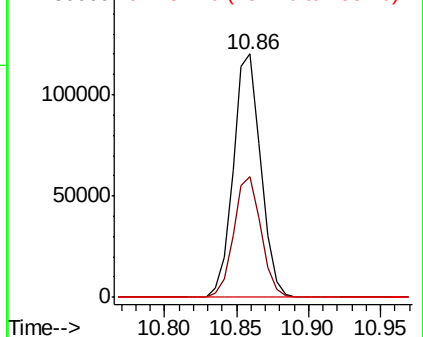
173 100

175 49.4 24.9 74.6

254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

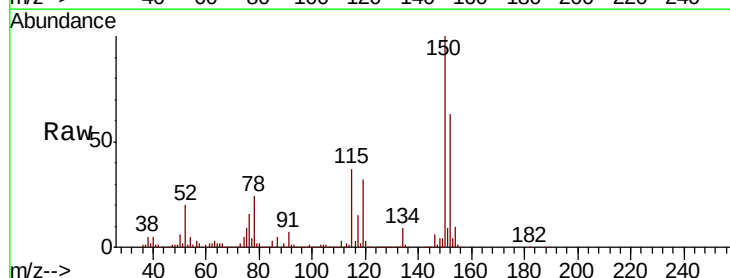
Tgt Ion:152 Resp: 264353

Ion Ratio Lower Upper

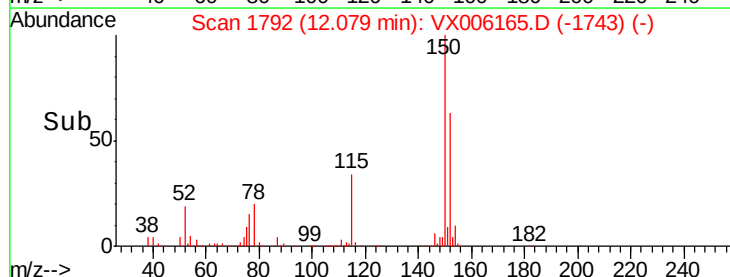
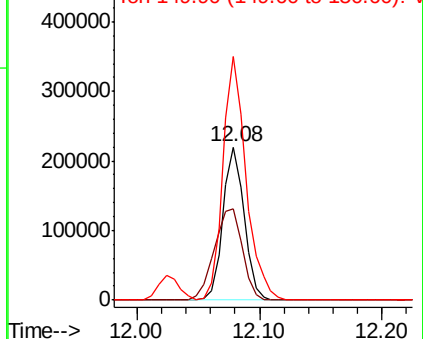
152 100

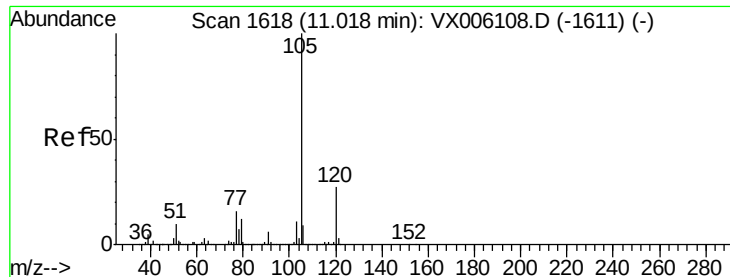
115 79.3 39.0 116.9

150 173.4 0.0 346.6



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: 53.874 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

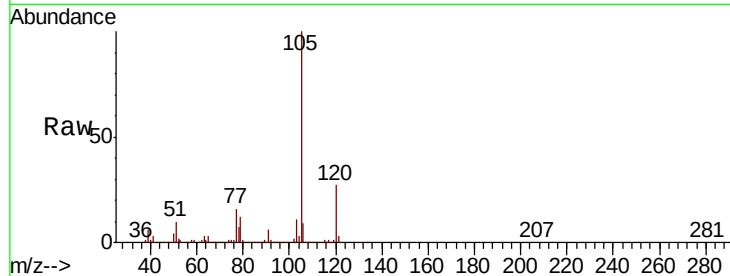
VSTDCCC050

Tot Ion:105 Resp: 861705

Ion Ratio Lower Upper

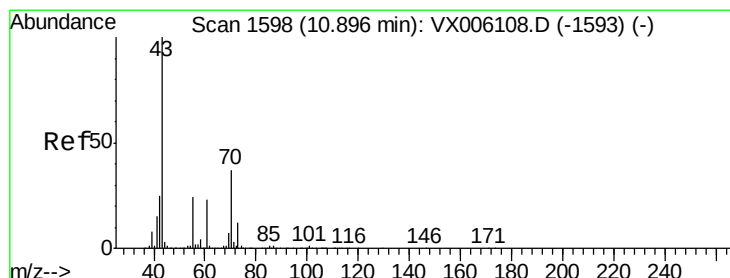
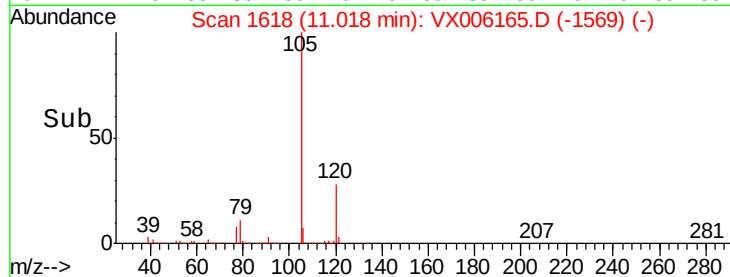
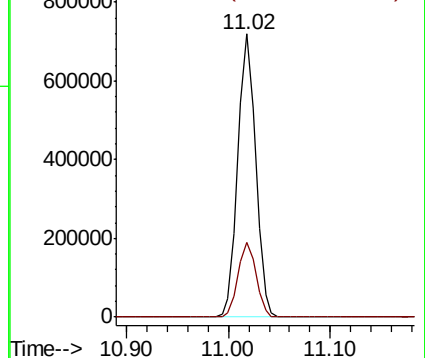
105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.077 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Tgt Ion: 43 Resp: 408311

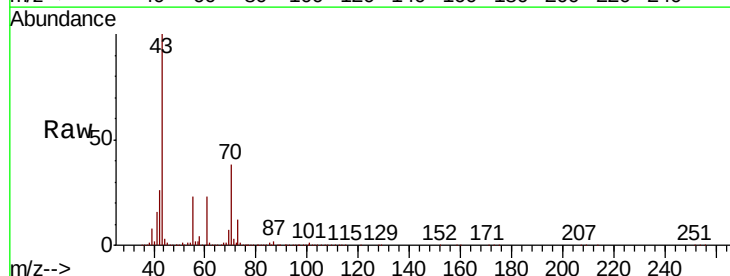
Ion Ratio Lower Upper

43 100

70 38.9 31.8 47.6

55 23.6 19.5 29.3

61 22.9 18.6 27.8

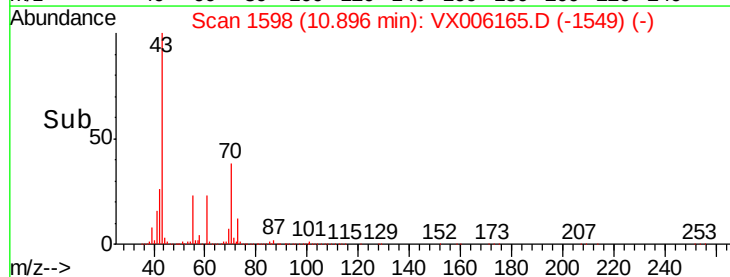
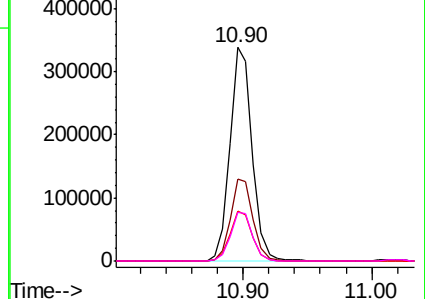


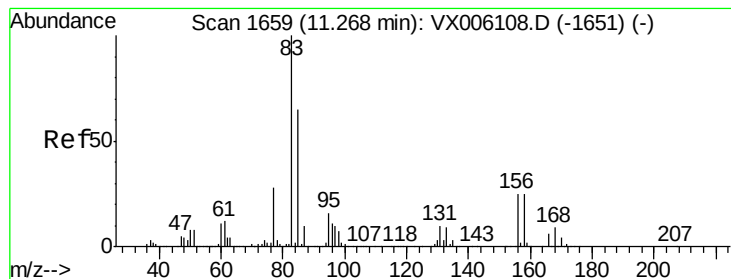
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.075 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

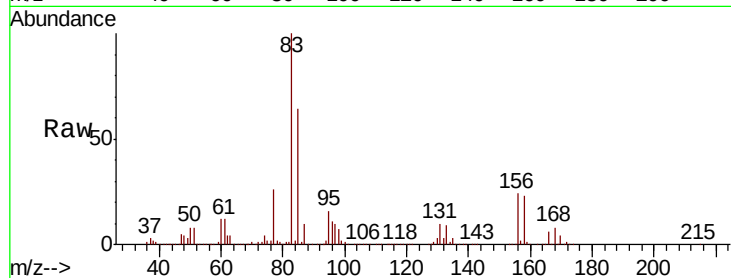
Tot Ion: 83 Resp: 295813

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

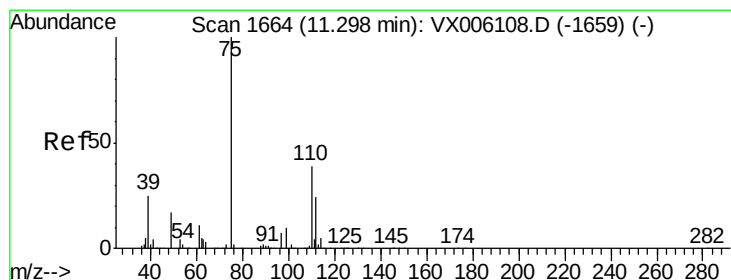
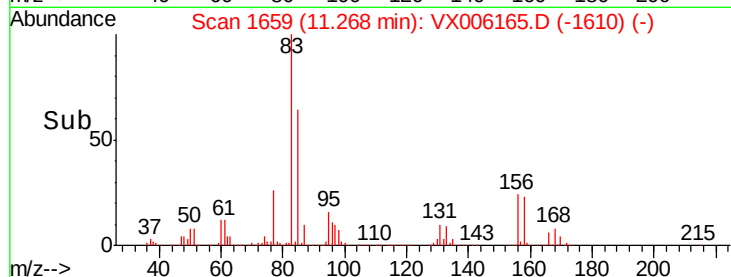
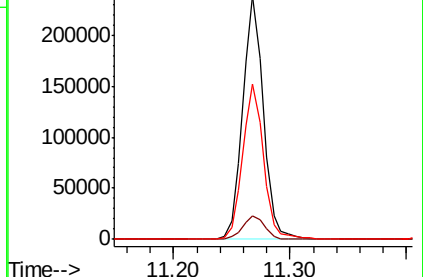
85 64.4 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.580 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006165.D

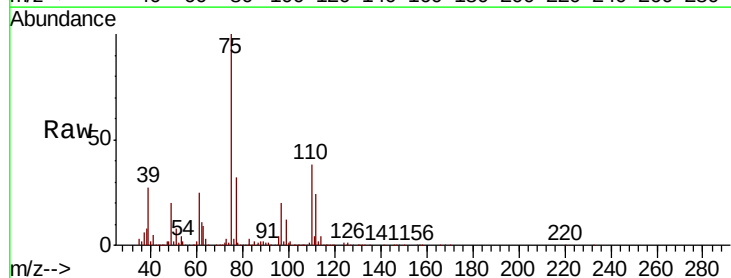
Acq: 26 Nov 2018 10:31

Tgt Ion: 75 Resp: 351477

Ion Ratio Lower Upper

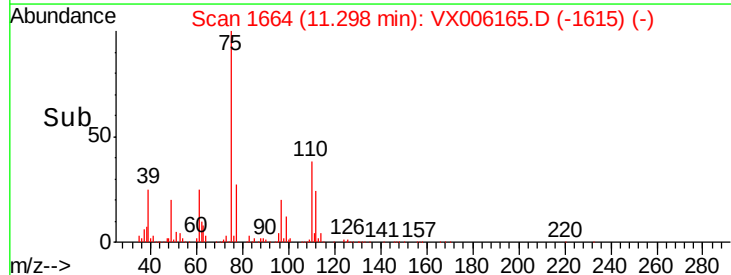
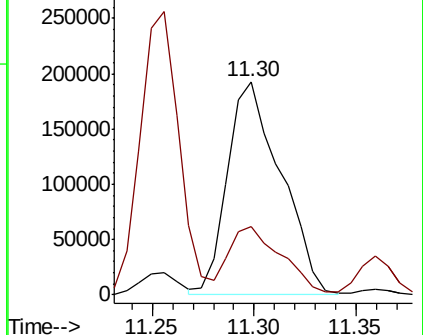
75 100

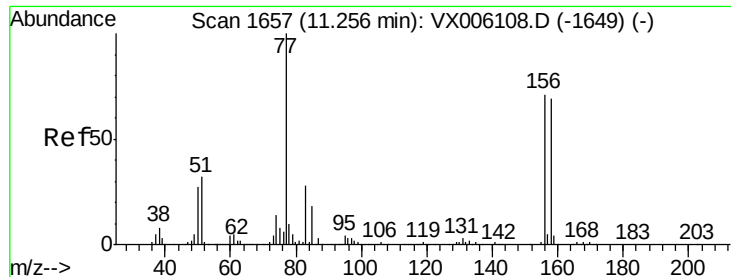
77 31.1 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.630 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

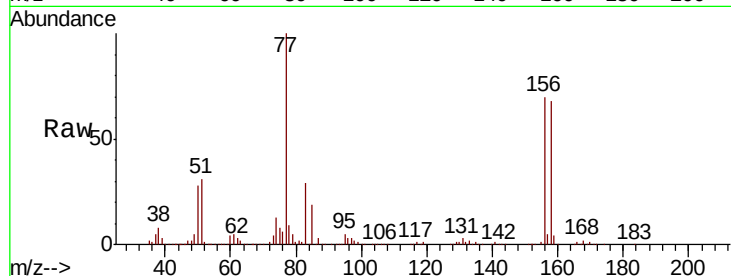
Tot Ion:156 Resp: 226859

Ion Ratio Lower Upper

156 100

77 149.9 74.3 222.8

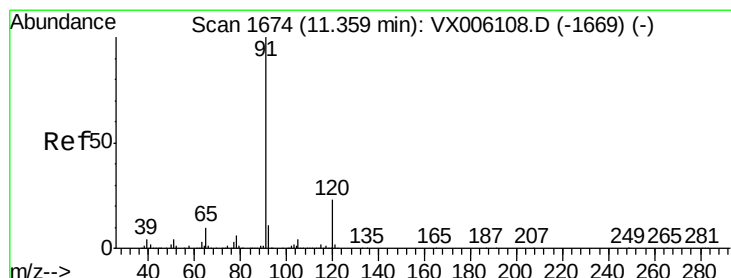
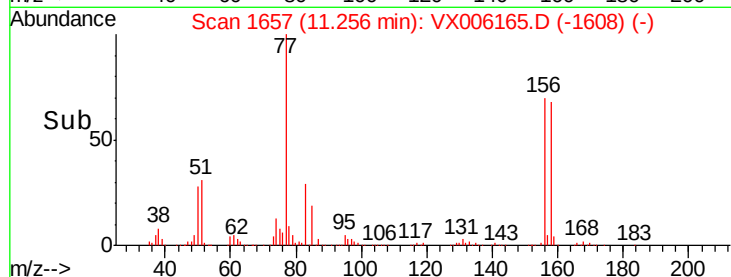
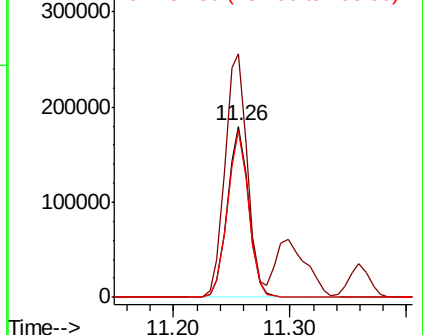
158 96.9 49.0 147.0



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: 54.706 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006165.D

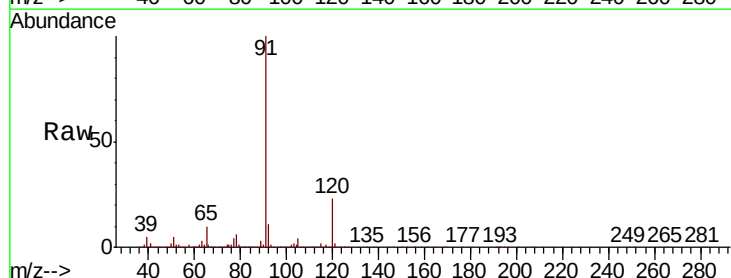
Acq: 26 Nov 2018 10:31

Tgt Ion: 91 Resp: 1019031

Ion Ratio Lower Upper

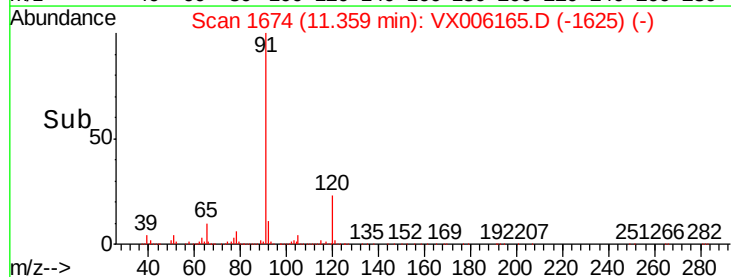
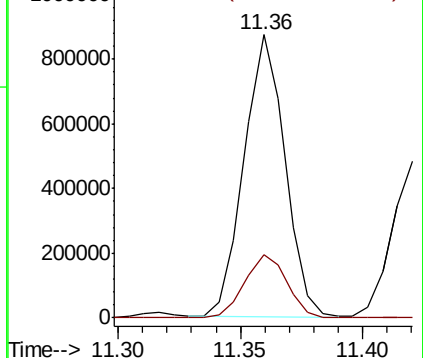
91 100

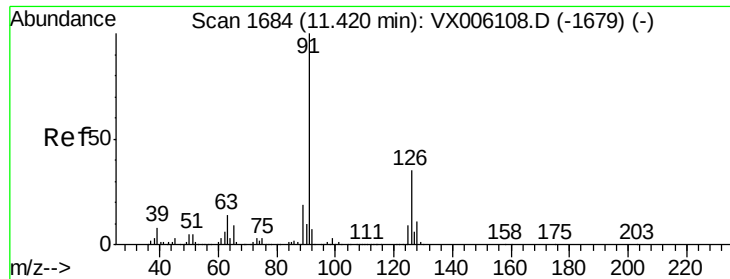
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.358 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

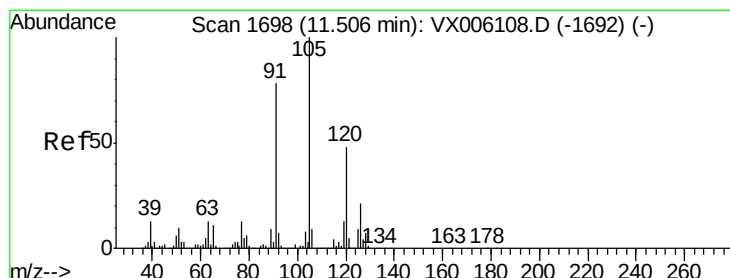
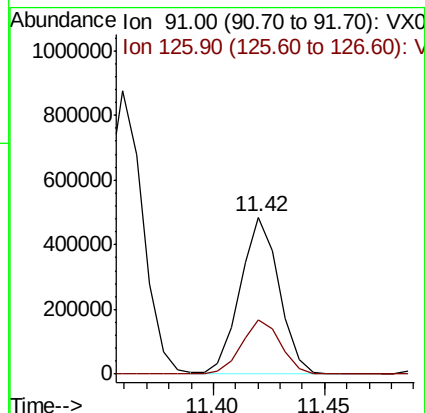
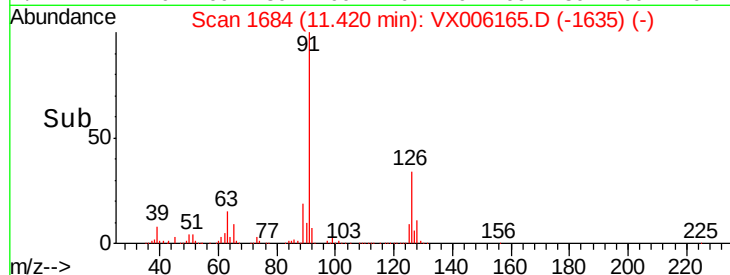
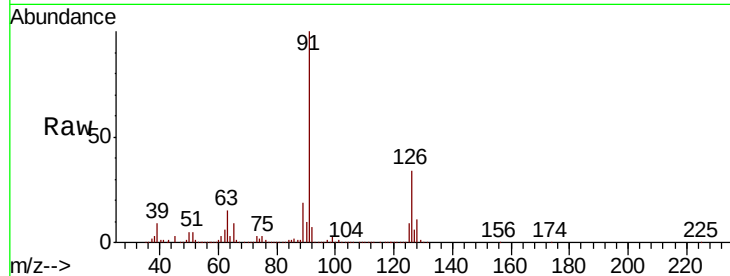
VSTDCCC050

Tot Ion: 91 Resp: 590033

Ion Ratio Lower Upper

91 100

126 34.7 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 54.421 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006165.D

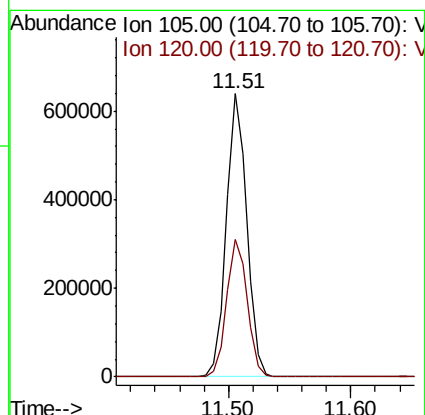
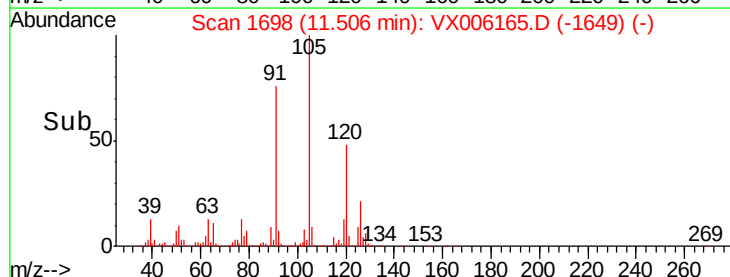
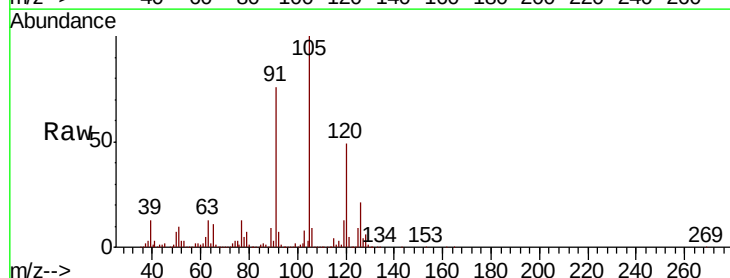
Acq: 26 Nov 2018 10:31

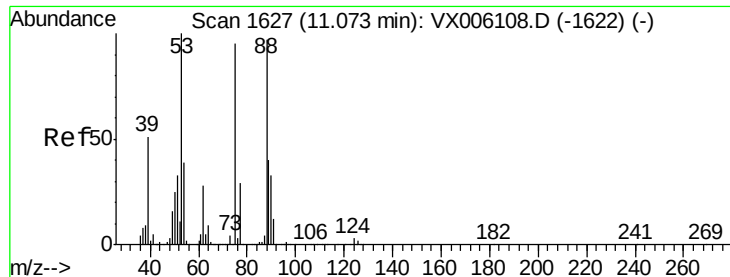
Tgt Ion:105 Resp: 733893

Ion Ratio Lower Upper

105 100

120 49.1 24.3 73.0

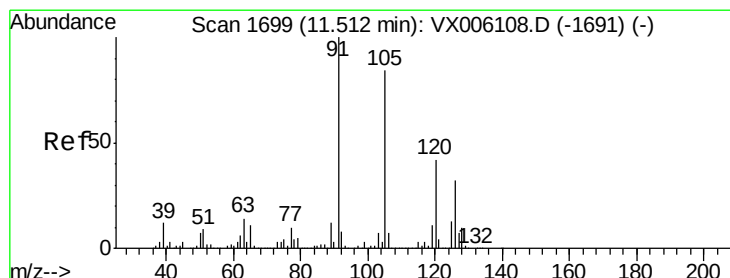
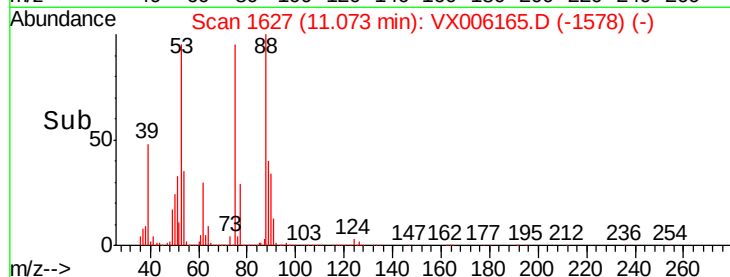
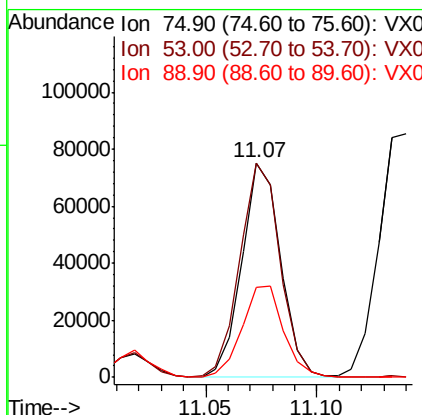
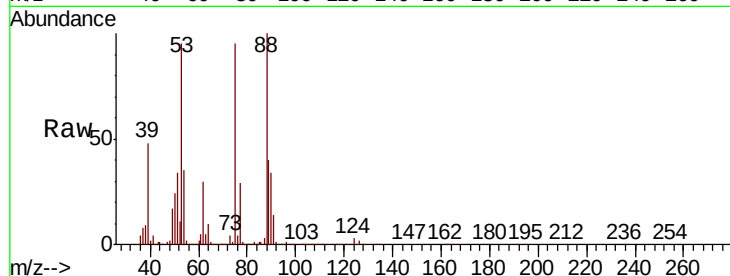




#81
trans-1,4-Dichloro-2-butene
Concen: 56.679 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

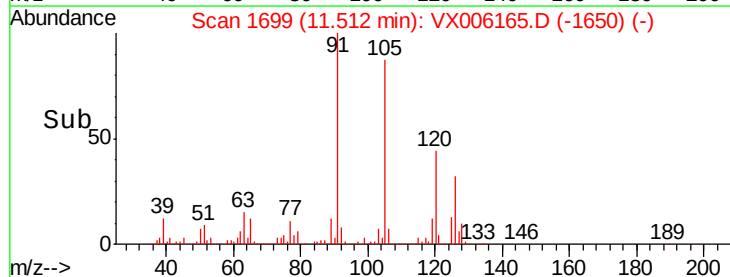
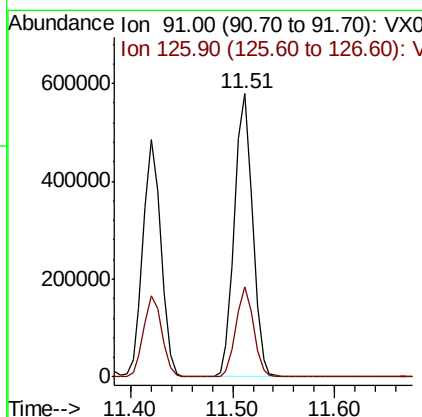
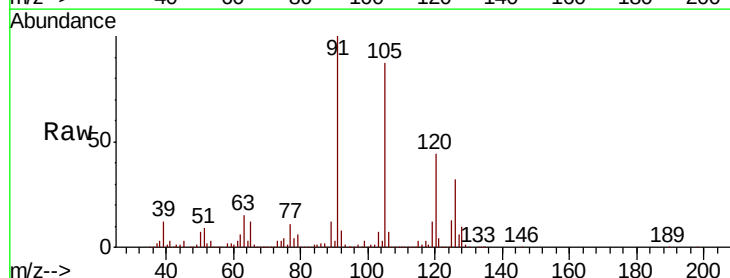
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

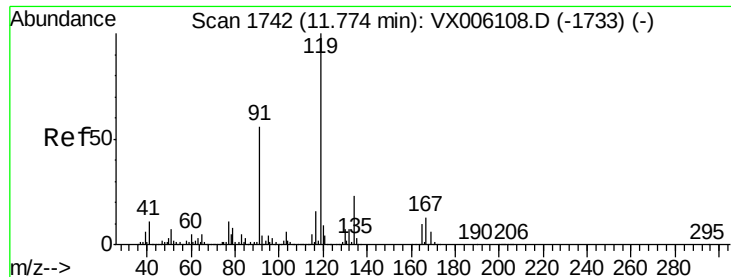
Tot Ion: 75 Resp: 91205
Ion Ratio Lower Upper
75 100
53 103.7 85.3 127.9
89 46.0 37.2 55.8



#82
4-Chlorotoluene
Concen: 54.041 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006165.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 91 Resp: 710708
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.9

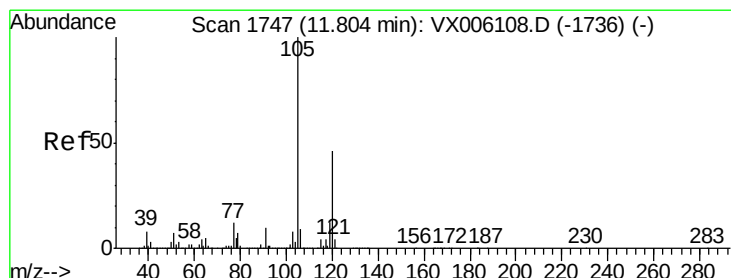
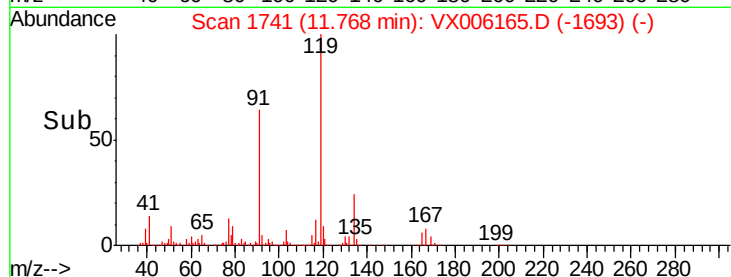
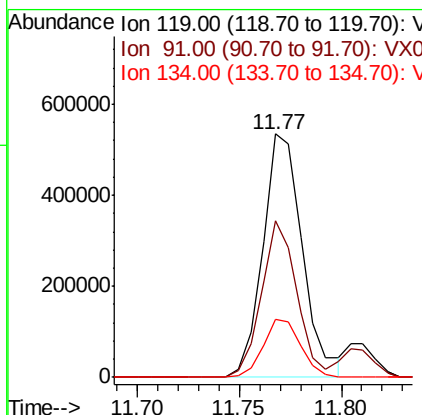
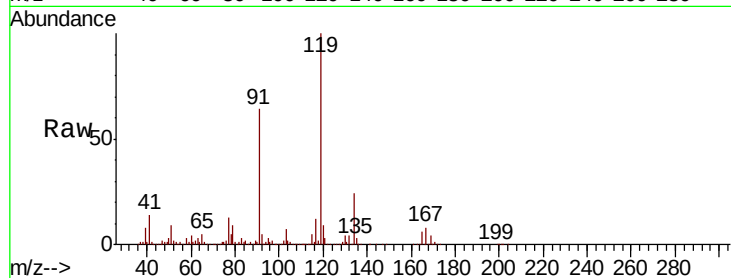




#83
 tert-Butylbenzene
 Concen: 55.091 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

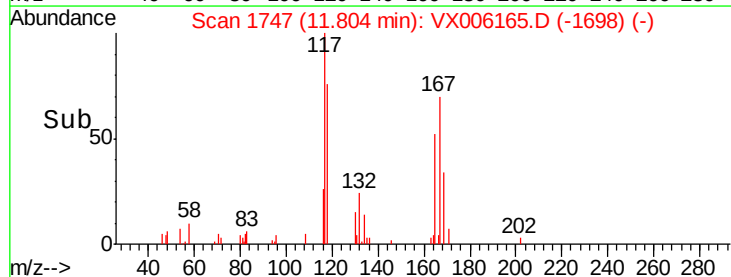
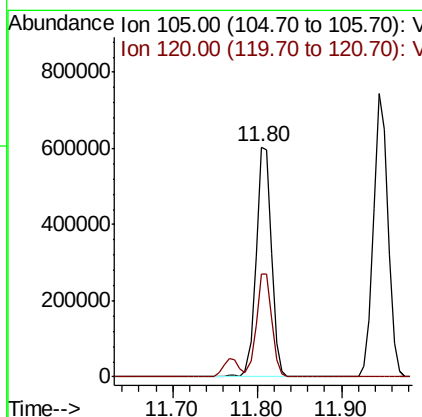
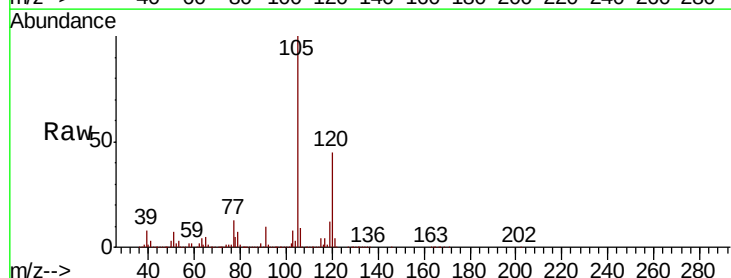
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

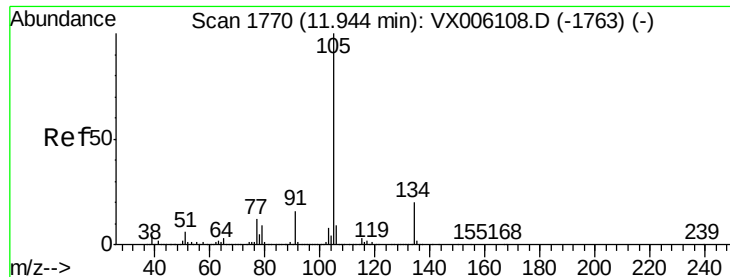
Tot Ion:119 Resp: 725282
 Ion Ratio Lower Upper
 119 100
 91 57.1 28.2 84.6
 134 22.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.083 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

Tgt Ion:105 Resp: 757722
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.7 68.0





#85

sec-Butylbenzene

Concen: 55.499 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

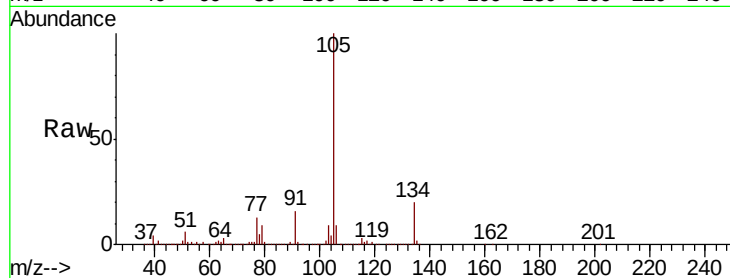
VSTDCCC050

Tot Ion:105 Resp: 893708

Ion Ratio Lower Upper

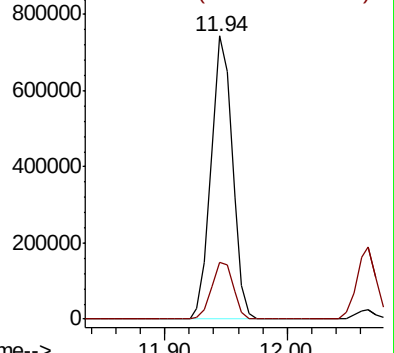
105 100

134 20.6 10.4 31.1

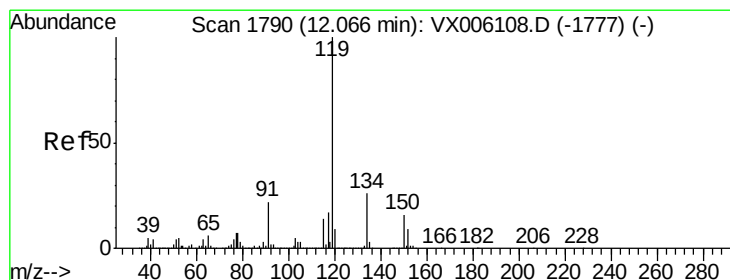
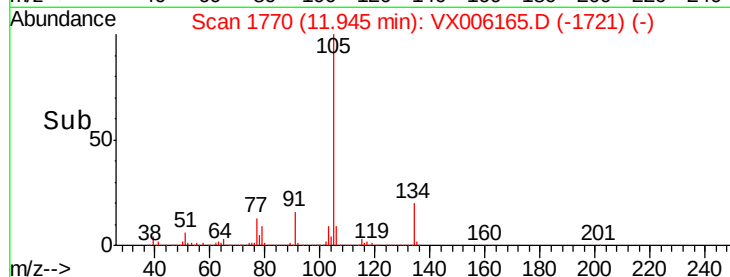


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 56.150 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

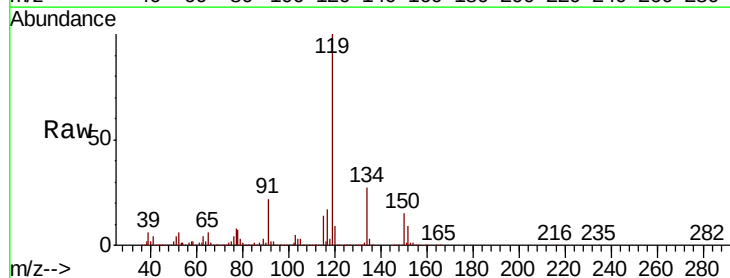
Tgt Ion:119 Resp: 806171

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

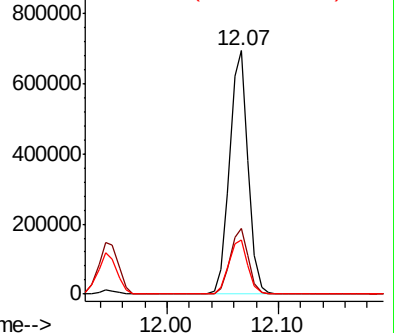
91 23.0 11.3 33.9



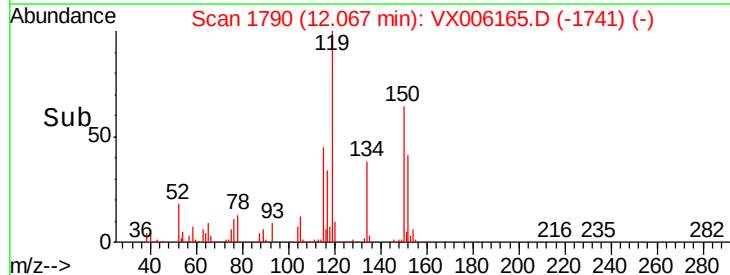
Abundance Ion 119.00 (118.70 to 119.70): V

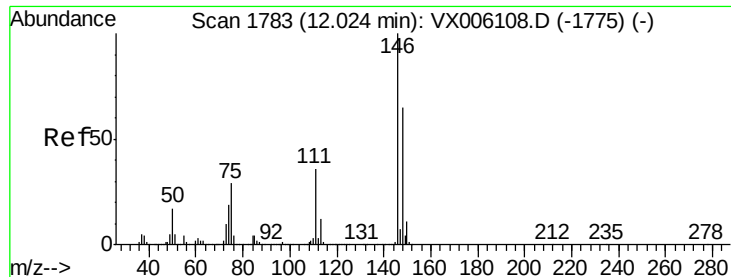
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->

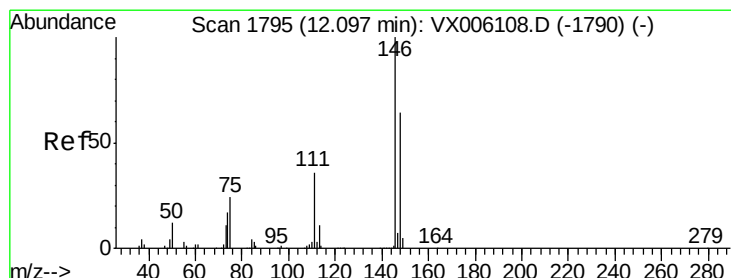
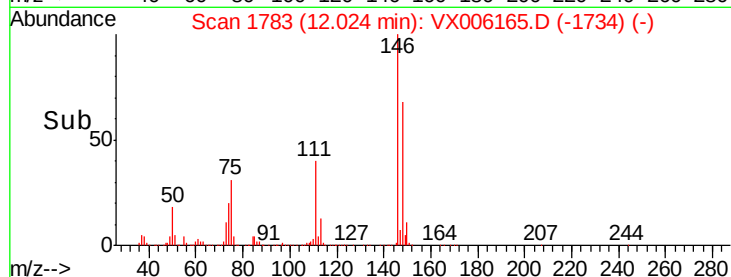
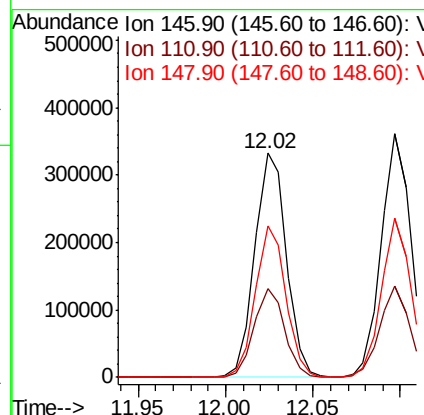
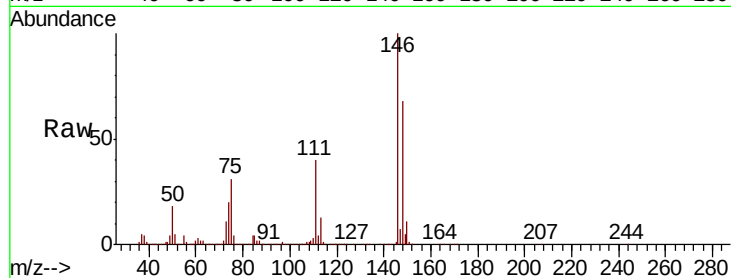




#87
 1,3-Dichlorobenzene
 Concen: 50.632 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

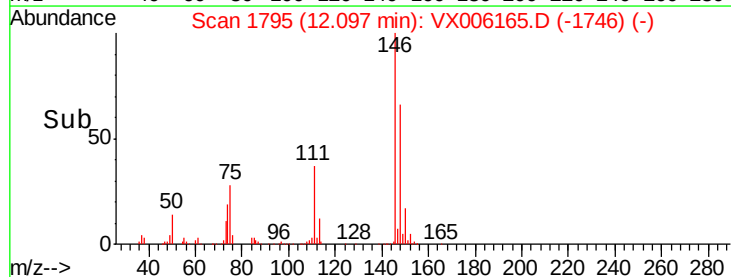
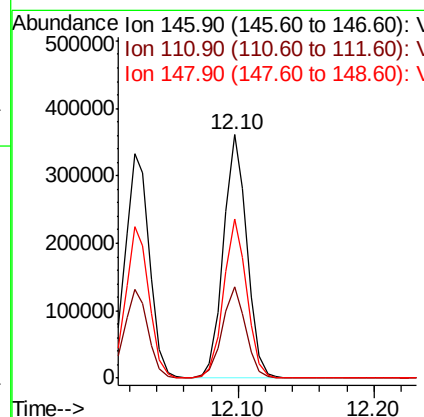
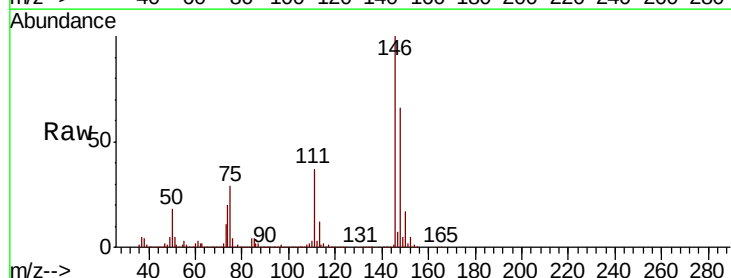
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

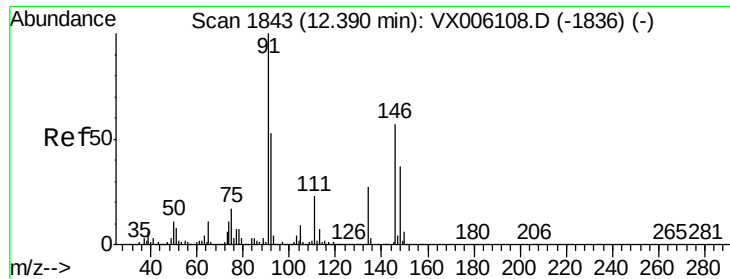
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.8	56.3
148	65.3	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 50.221 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.3	54.9
148	64.6	32.2	96.6





#89

n-Butylbenzene

Concen: 57.231 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

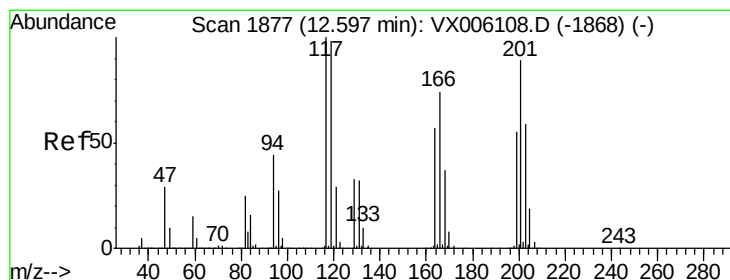
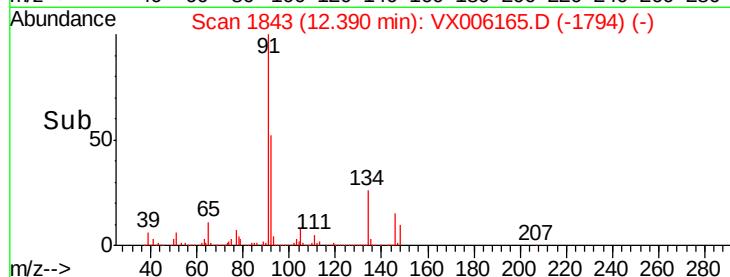
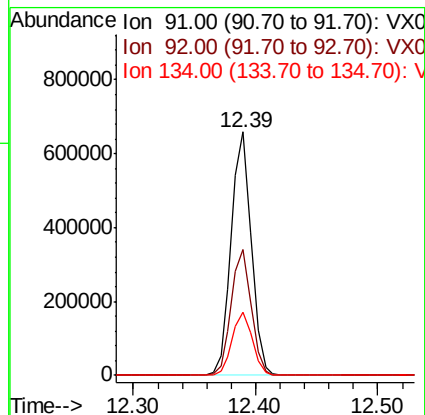
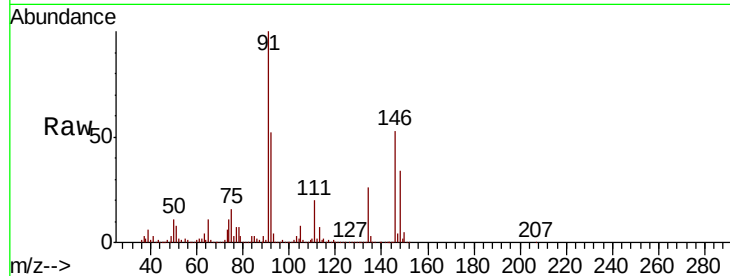
Tot Ion: 91 Resp: 743947

Ion Ratio Lower Upper

91 100

92 51.9 26.6 79.7

134 26.1 13.1 39.3



#90

Hexachloroethane

Concen: 57.564 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006165.D

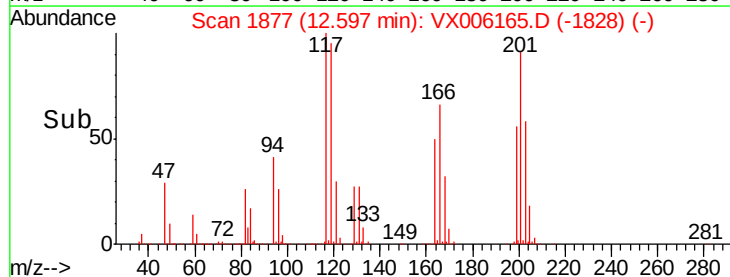
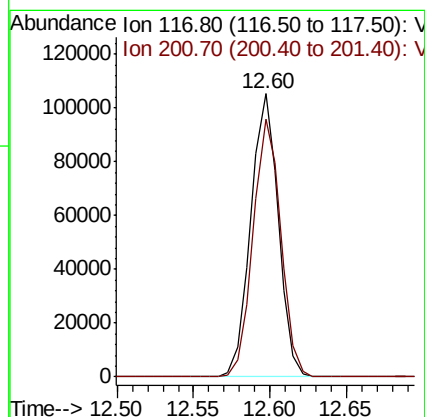
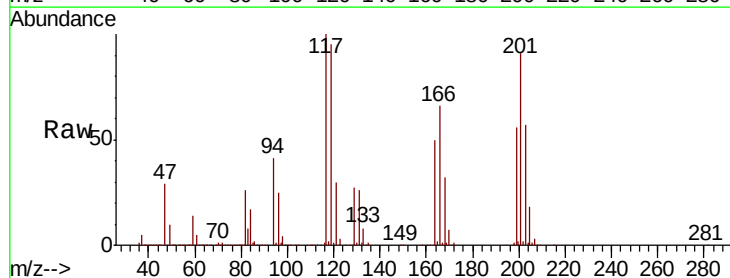
Acq: 26 Nov 2018 10:31

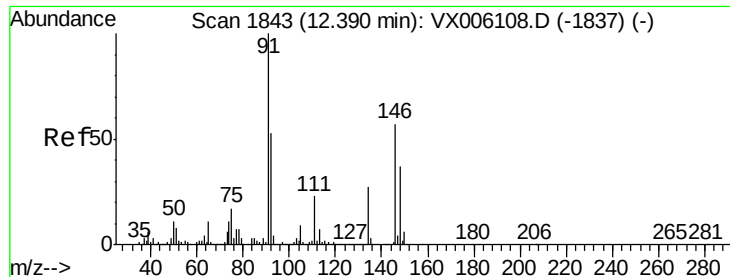
Tgt Ion: 117 Resp: 131887

Ion Ratio Lower Upper

117 100

201 91.8 46.1 138.2

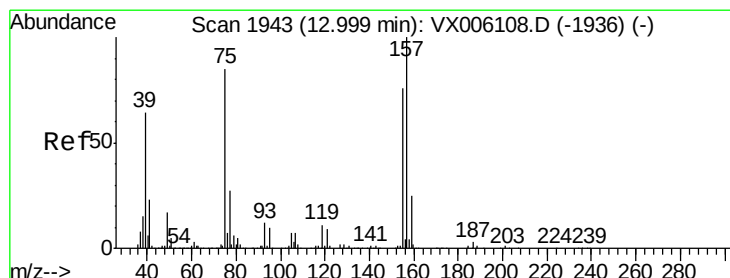
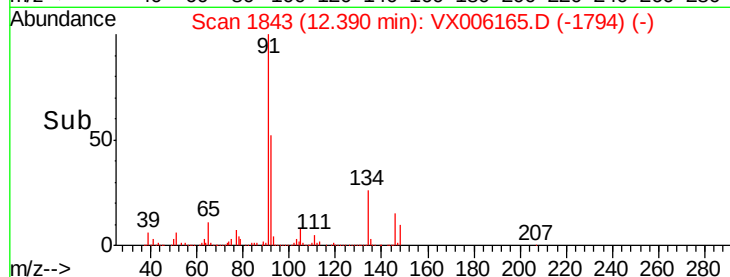
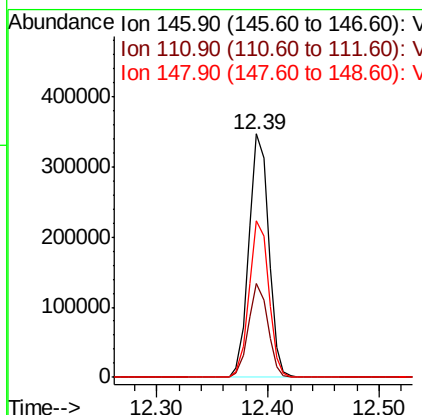
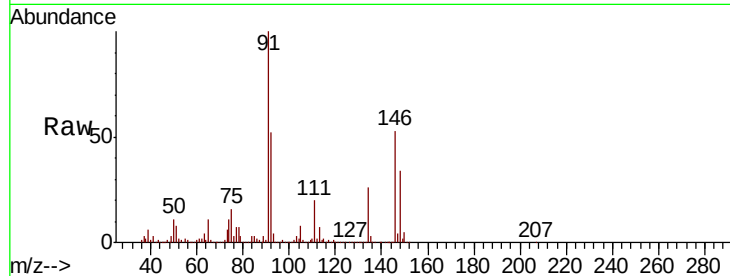




#91
 1,2-Dichlorobenzene
 Concen: 50.756 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

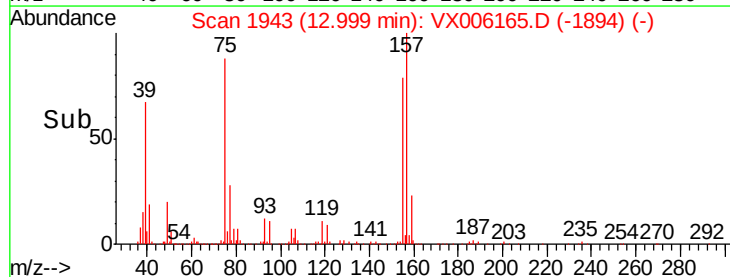
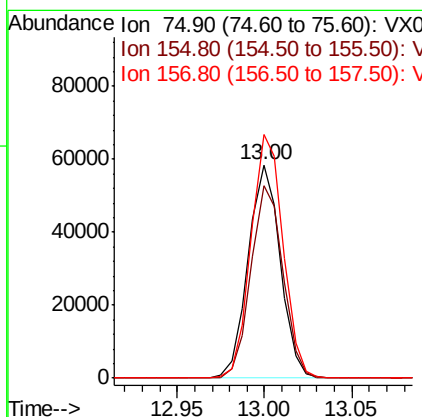
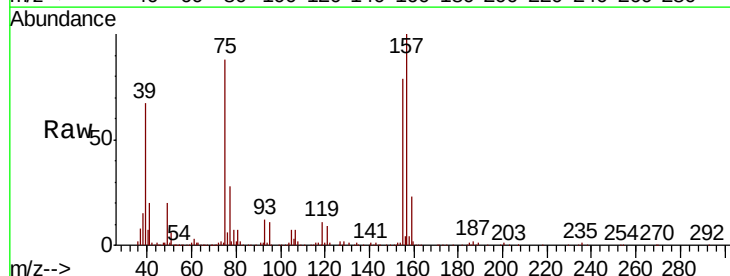
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

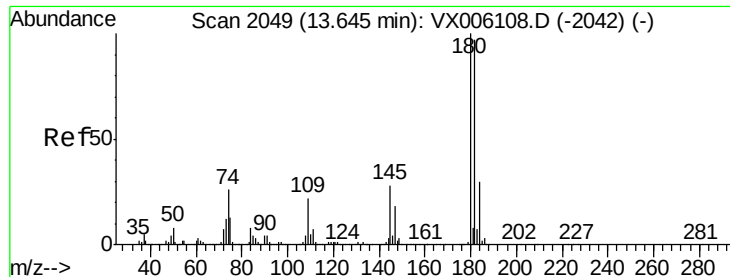
Tot Ion:146 Resp: 428701
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.6 58.8
 148 63.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.186 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

Tgt Ion: 75 Resp: 74392
 Ion Ratio Lower Upper
 75 100
 155 90.1 46.1 138.3
 157 114.2 59.8 179.3

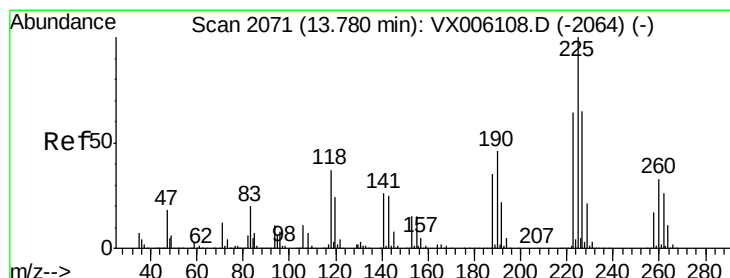
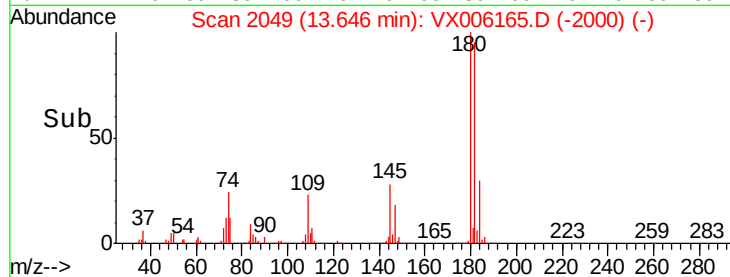
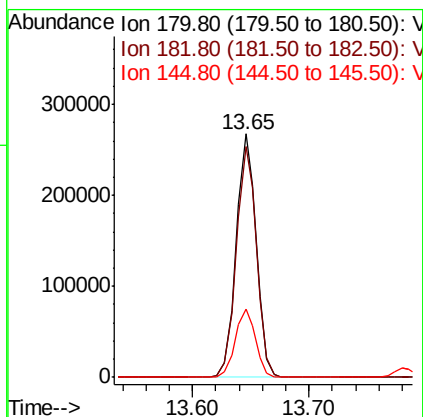
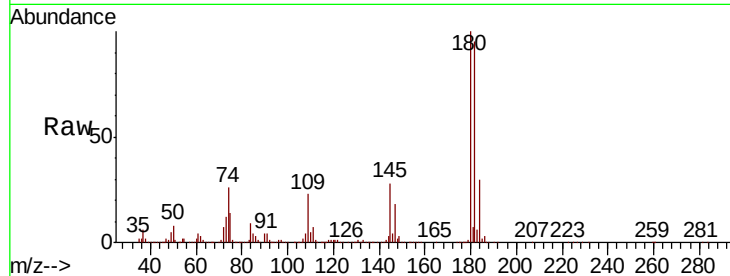




#93
 1,2,4-Trichlorobenzene
 Concen: 53.852 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

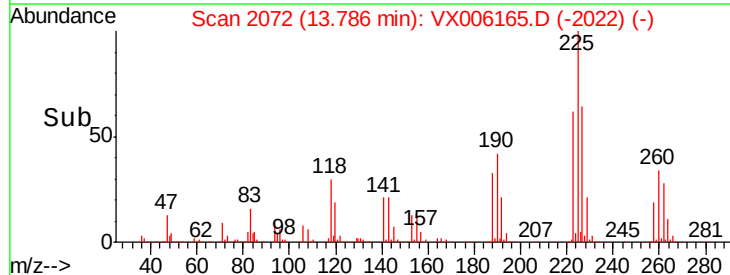
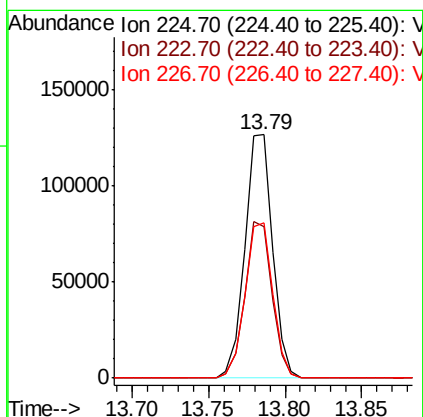
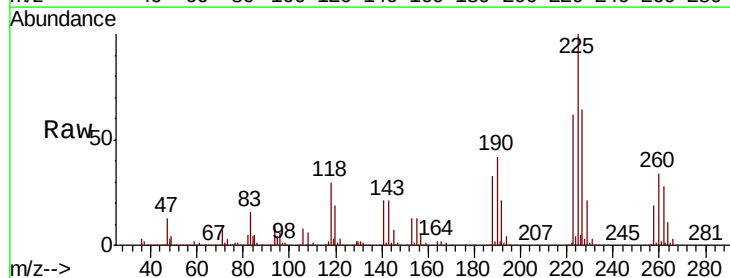
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

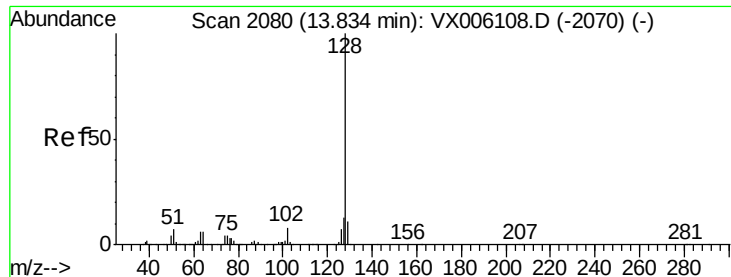
Tot Ion:180 Resp: 320427
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.2 144.6
 145 28.5 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 54.704 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006165.D
 Acq: 26 Nov 2018 10:31

Tgt Ion:225 Resp: 158636
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.2 93.6
 227 63.9 32.4 97.2





#95

Naphthalene

Concen: 55.668 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Instrument :

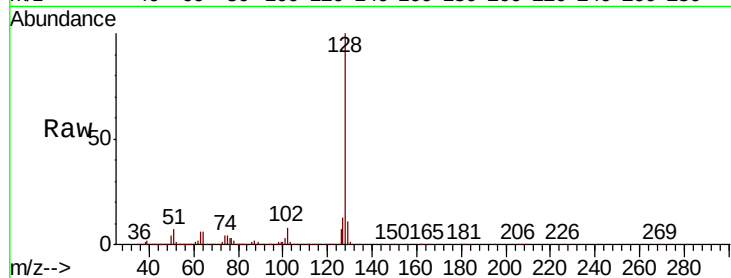
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 973992

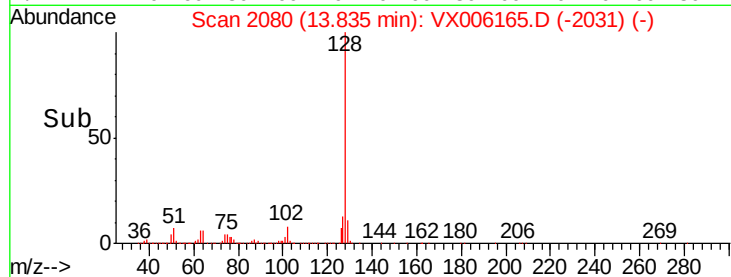
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.0	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

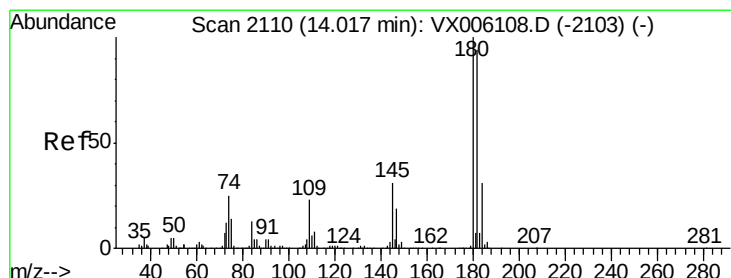
Ion 129.00 (128.70 to 129.70): V



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: 52.784 ug/l

RT: 14.02 min Scan# 2111

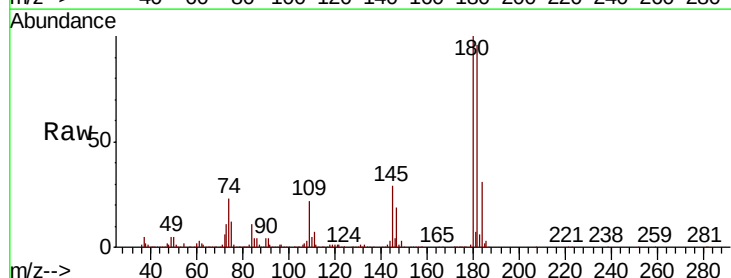
Delta R.T. 0.01 min

Lab File: VX006165.D

Acq: 26 Nov 2018 10:31

Tgt Ion:180 Resp: 320191

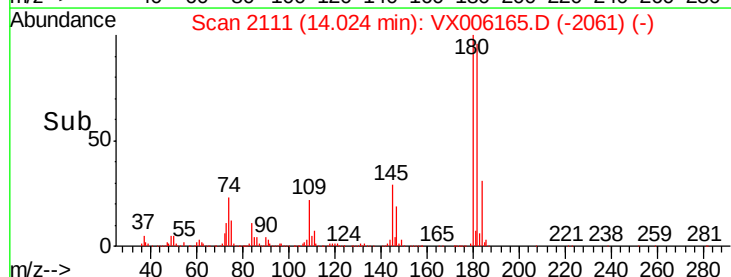
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.5
145	29.6	15.0	45.0



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



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