

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
 Data File : VX011444.D
 Acq On : 11 Aug 2019 20:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 12 07:52:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	236350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	97251	61.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.18%	
35) Dibromofluoromethane	5.49	113	85523	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
50) Toluene-d8	8.71	98	319158	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
62) 4-Bromofluorobenzene	11.13	95	120266	57.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	56736	46.469	ug/l	99
3) Chloromethane	1.32	50	61795	45.071	ug/l	98
4) Vinyl Chloride	1.40	62	66884	44.348	ug/l	97
5) Bromomethane	1.63	94	41645	38.718	ug/l	100
6) Chloroethane	1.71	64	45301	48.436	ug/l	99
7) Trichlorofluoromethane	1.92	101	125198	46.688	ug/l	99
8) Diethyl Ether	2.18	74	43661	45.598	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69963	48.219	ug/l	98
10) Methyl Iodide	2.50	142	90052	49.228	ug/l	97
11) Tert butyl alcohol	3.04	59	86214	271.580	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68360	47.528	ug/l	90
13) Acrolein	2.29	56	31048	157.221	ug/l	100
14) Allyl chloride	2.72	41	103325	53.887	ug/l	96
15) Acrylonitrile	3.14	53	204507	269.960	ug/l	97
16) Acetone	2.43	43	178187	235.154	ug/l	97
17) Carbon Disulfide	2.56	76	152857	45.289	ug/l	99
18) Methyl Acetate	2.76	43	98746	57.024	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	232859	54.938	ug/l	96
20) Methylene Chloride	2.85	84	79577	47.952	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	73565	48.352	ug/l	92
22) Diisopropyl ether	3.85	45	228744	54.279	ug/l	98
23) Vinyl Acetate	3.81	43	989007	282.954	ug/l	98
24) 1,1-Dichloroethane	3.69	63	129238	52.008	ug/l	98
25) 2-Butanone	4.67	43	287071	266.325	ug/l	96
26) 2,2-Dichloropropane	4.57	77	85947	44.493	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	88510	50.506	ug/l	98
28) Bromochloromethane	5.01	49	62656	55.308	ug/l	97
29) Tetrahydrofuran	5.12	42	179458	271.531	ug/l	99
30) Chloroform	5.20	83	144974	53.678	ug/l	99
31) Cyclohexane	5.57	56	99727	48.644	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	128807	55.673	ug/l	98
36) 1,1-Dichloropropene	5.79	75	99594	48.263	ug/l	99
37) Ethyl Acetate	4.82	43	109496	52.899	ug/l	99
38) Carbon Tetrachloride	5.78	117	112621	54.247	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110471	45.164	ug/l	98
40) Benzene	6.13	78	308848	50.155	ug/l	96
41) Methacrylonitrile	5.03	41	59745	52.851	ug/l	97
42) 1,2-Dichloroethane	6.18	62	114933	55.196	ug/l	97
43) Isopropyl Acetate	6.44	43	179323	54.188	ug/l	99
44) Trichloroethene	7.21	130	88142	47.289	ug/l	97
45) 1,2-Dichloropropane	7.51	63	80263	50.329	ug/l	99
46) Dibromomethane	7.66	93	58815	50.520	ug/l	96
47) Bromodichloromethane	7.89	83	109989	55.801	ug/l	99
48) Methyl methacrylate	7.76	41	89089	57.204	ug/l	97
49) 1,4-Dioxane	7.73	88	42987	952.086	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	603326	282.497	ug/l	99
52) Toluene	8.78	92	206625	50.751	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	113506	49.478	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	122537	53.220	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	88756	53.022	ug/l	98
56) Ethyl methacrylate	9.18	69	133851	56.110	ug/l	97
57) 1,3-Dichloropropane	9.37	76	139409	52.660	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	309145	263.568	ug/l	99
59) 2-Hexanone	9.49	43	466080	281.750	ug/l	98
60) Dibromochloromethane	9.58	129	96376	56.235	ug/l	98
61) 1,2-Dibromoethane	9.67	107	95615	52.868	ug/l	99
64) Tetrachloroethene	9.33	164	81554	42.602	ug/l	95
65) Chlorobenzene	10.13	112	234599	48.539	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	89850	54.301	ug/l	99
67) Ethyl Benzene	10.25	91	408980	50.527	ug/l	98
68) m/p-Xylenes	10.35	106	313615	100.168	ug/l	96
69) o-Xylene	10.69	106	154303	50.160	ug/l	98
70) Styrene	10.71	104	265397	52.141	ug/l	98
71) Bromoform	10.85	173	73274	49.554	ug/l #	99
73) Isopropylbenzene	11.02	105	421340	51.282	ug/l	99
74) N-amyl acetate	10.90	43	167424	56.395	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	142167	51.923	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	151328	69.171	ug/l	84
77) Bromobenzene	11.25	156	113065	49.627	ug/l	95
78) n-propylbenzene	11.36	91	465121	50.906	ug/l	99
79) 2-Chlorotoluene	11.41	91	277887	51.027	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	350741	50.996	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	37991	46.699	ug/l	98
82) 4-Chlorotoluene	11.51	91	327038	51.528	ug/l	97
83) tert-Butylbenzene	11.77	119	356265	52.814	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	355941	51.979	ug/l	100
85) sec-Butylbenzene	11.94	105	411272	50.746	ug/l	100
86) p-Isopropyltoluene	12.06	119	382687	51.327	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	201480	50.050	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	198707	47.870	ug/l	98
89) n-Butylbenzene	12.38	91	322388	50.189	ug/l	100
90) Hexachloroethane	12.59	117	62739	56.916	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	200370	49.538	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31360	59.117	ug/l	91

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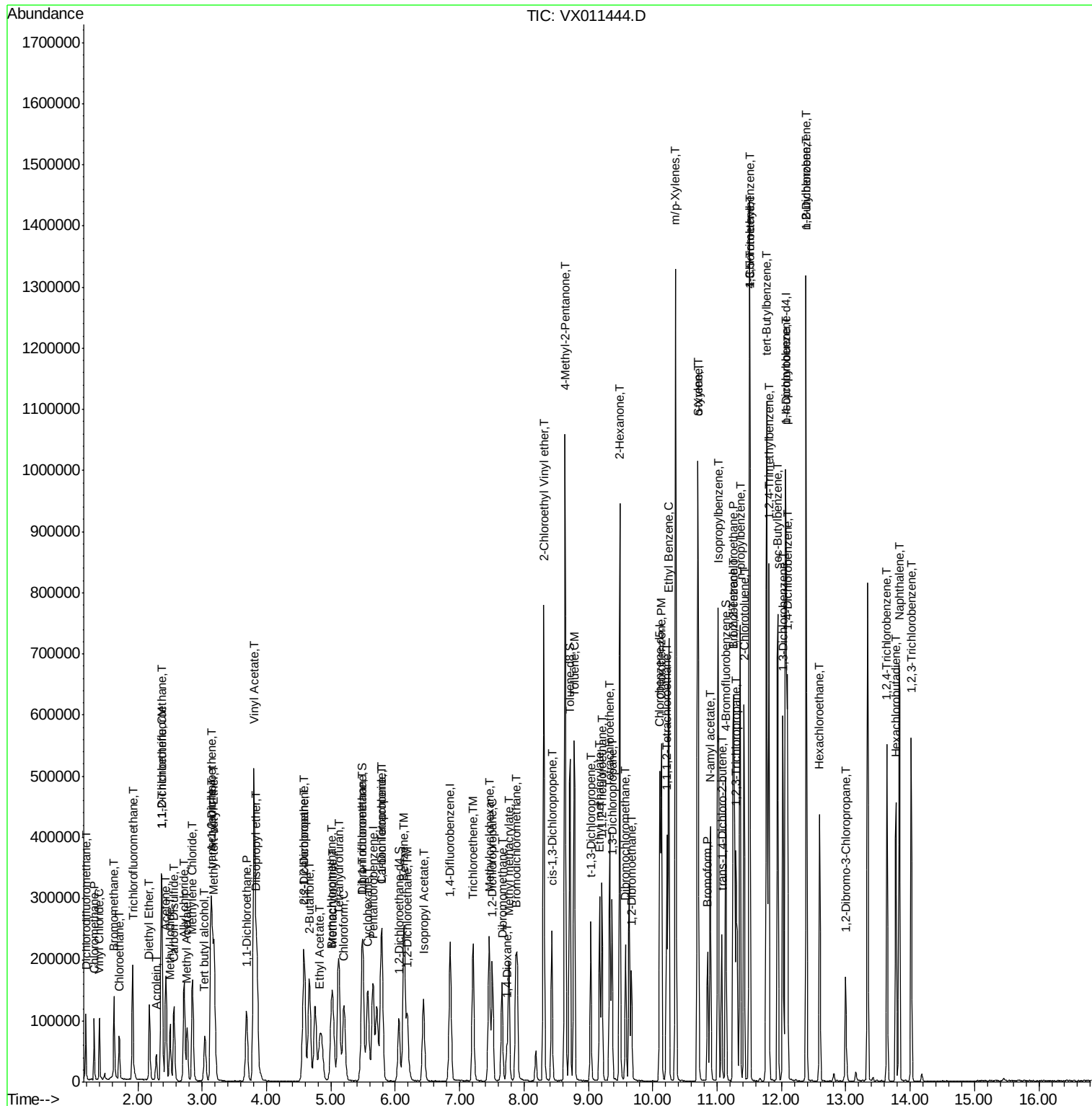
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

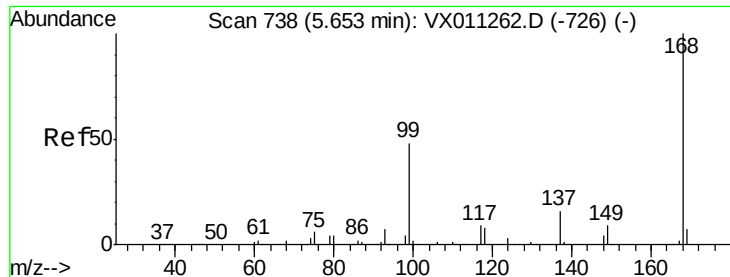
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	134491	50.138	ug/l	99
94) Hexachlorobutadiene	13.78	225	65886	48.412	ug/l	98
95) Naphthalene	13.83	128	424583	54.126	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136402	50.018	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

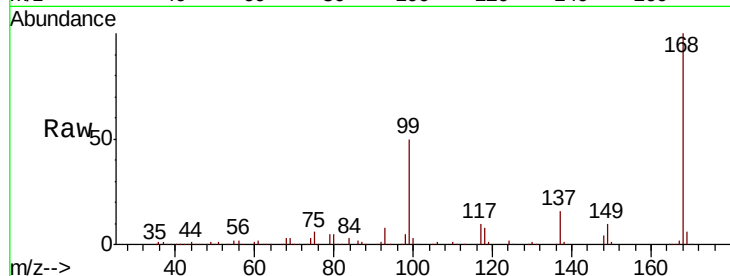
VSTDCCC050EC

Tgt Ion:168 Resp: 158082

Ion Ratio Lower Upper

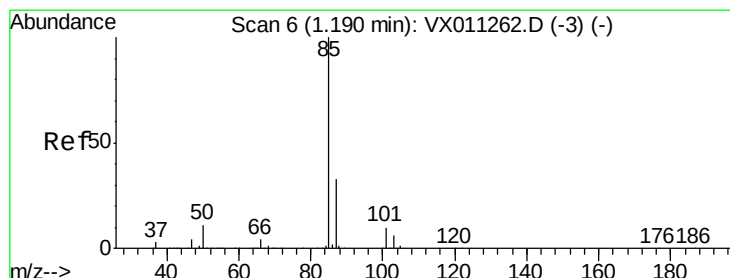
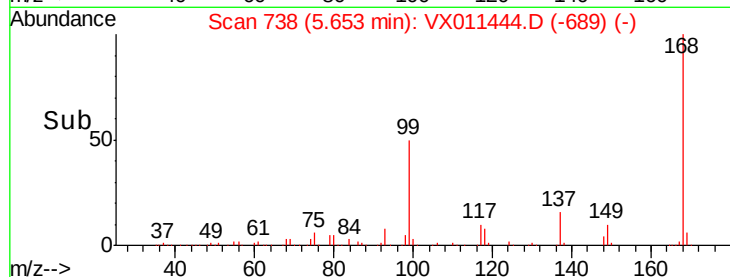
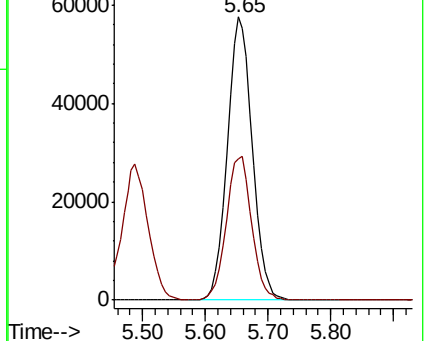
168 100

99 50.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.469 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011444.D

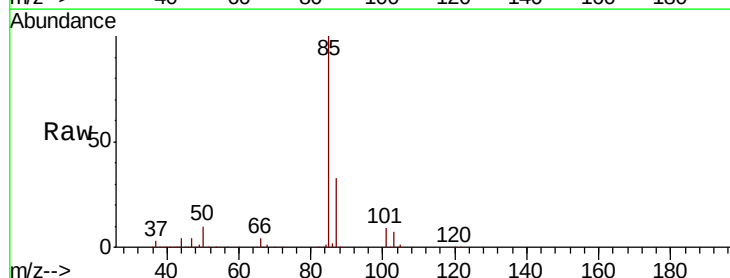
Acq: 11 Aug 2019 20:08

Tgt Ion: 85 Resp: 56736

Ion Ratio Lower Upper

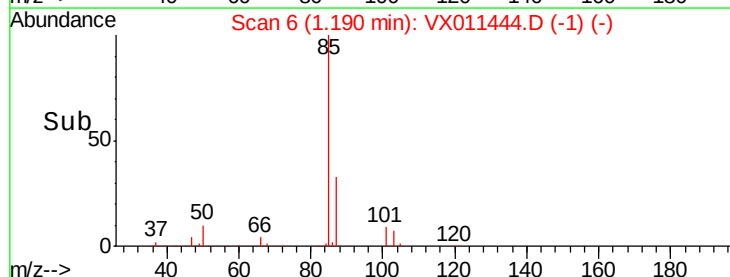
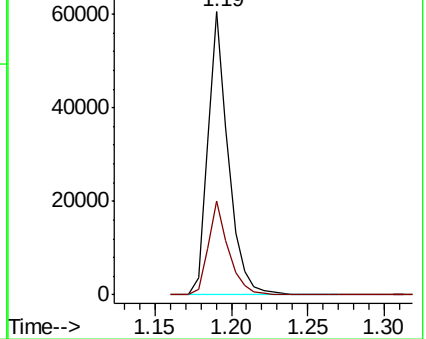
85 100

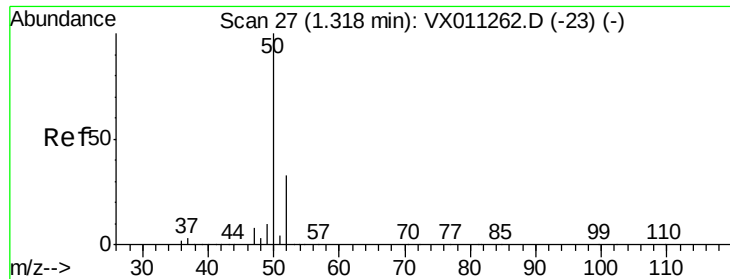
87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.071 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

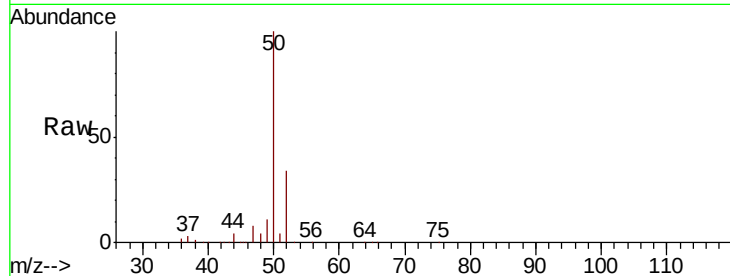
VSTDCCC050EC

Tgt Ion: 50 Resp: 61795

Ion Ratio Lower Upper

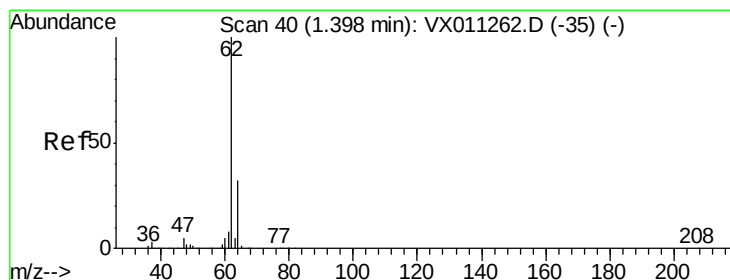
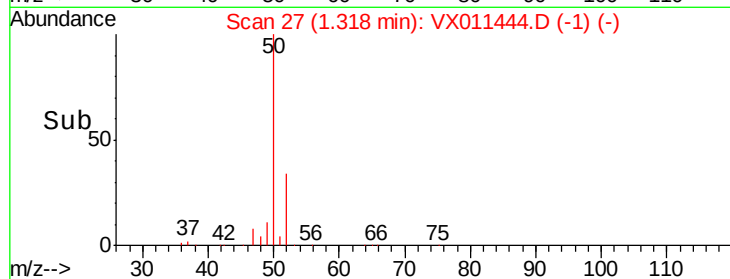
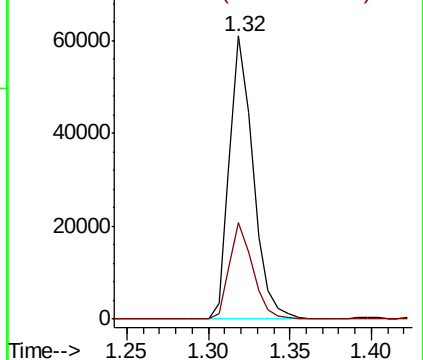
50 100

52 33.9 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.348 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011444.D

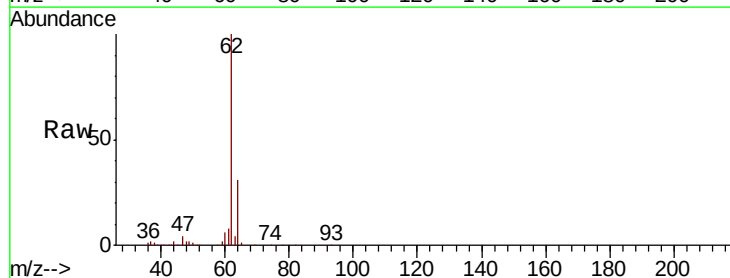
Acq: 11 Aug 2019 20:08

Tgt Ion: 62 Resp: 66884

Ion Ratio Lower Upper

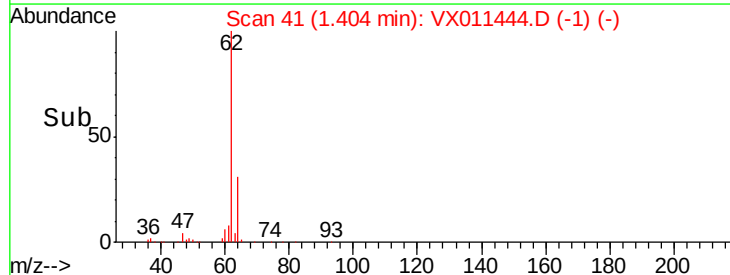
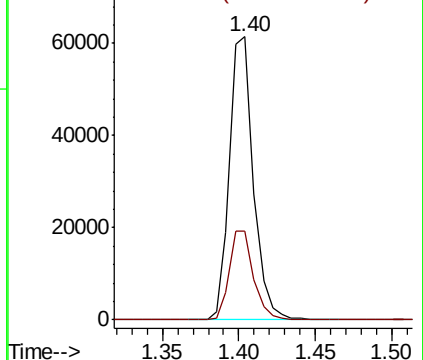
62 100

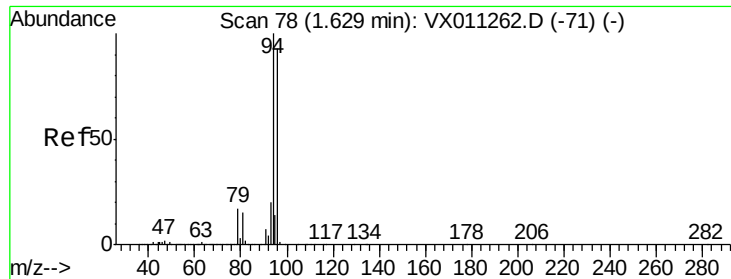
64 31.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 38.718 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

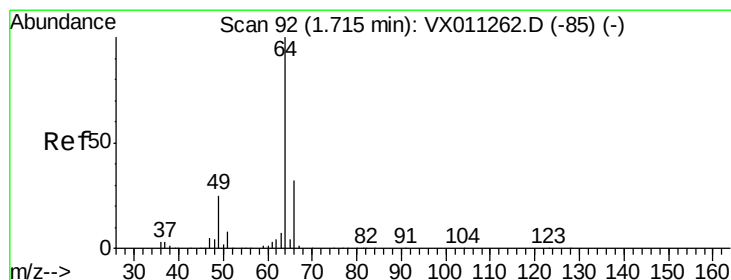
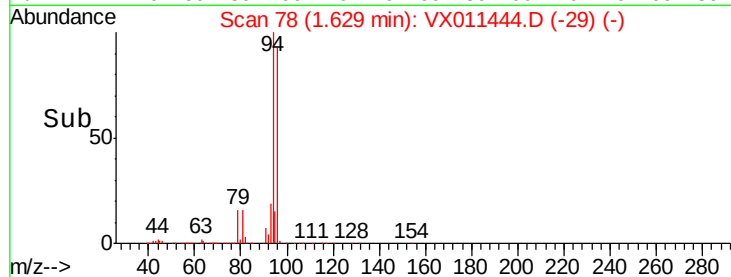
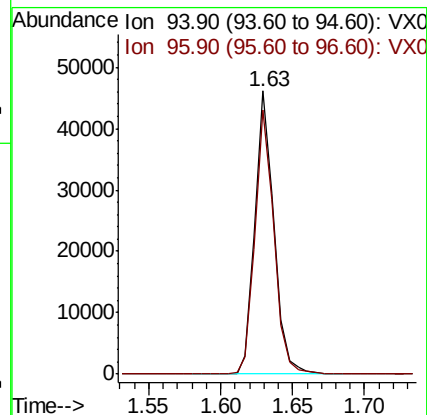
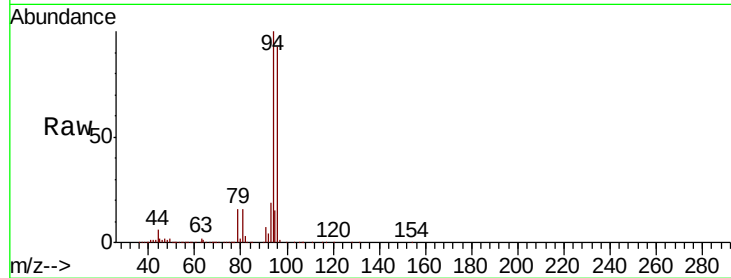
VSTDCCC050EC

Tgt Ion: 94 Resp: 41645

Ion Ratio Lower Upper

94 100

96 93.5 74.6 112.0



#6

Chloroethane

Concen: 48.436 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011444.D

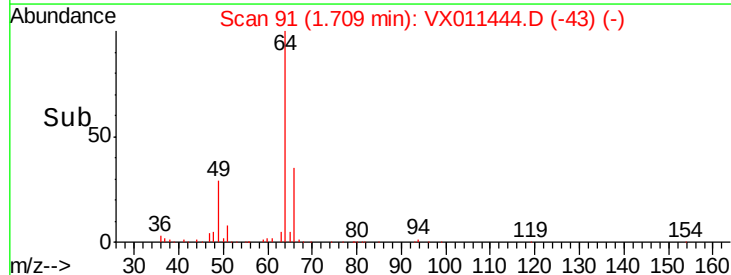
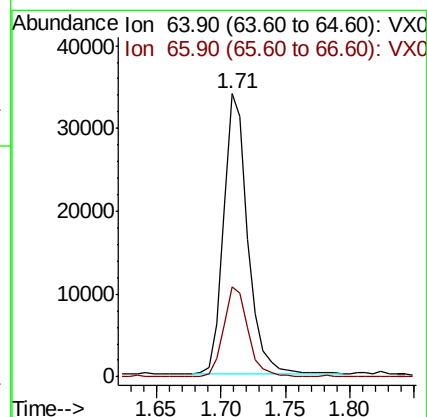
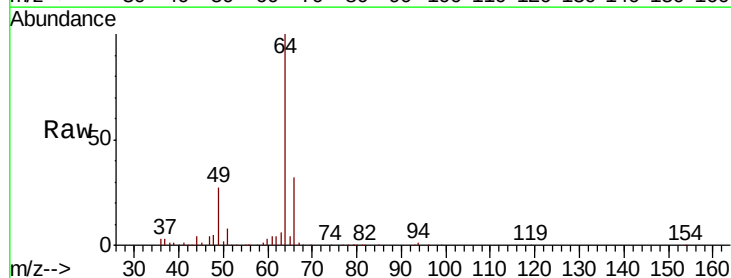
Acq: 11 Aug 2019 20:08

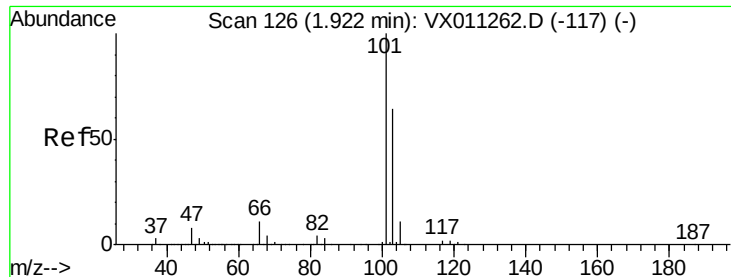
Tgt Ion: 64 Resp: 45301

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7



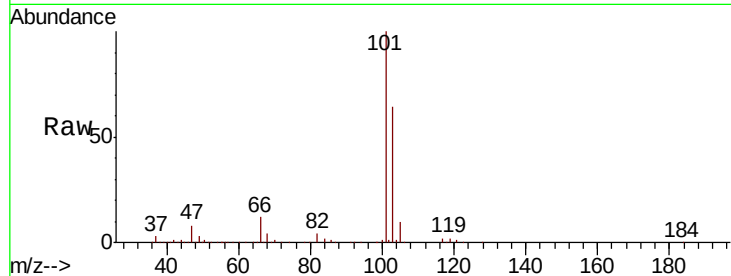


#7

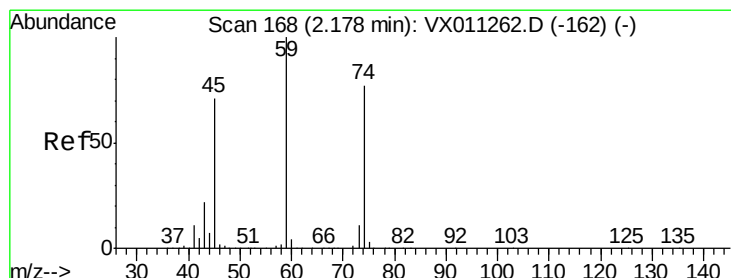
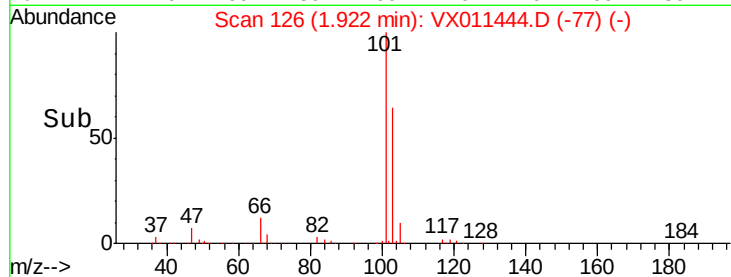
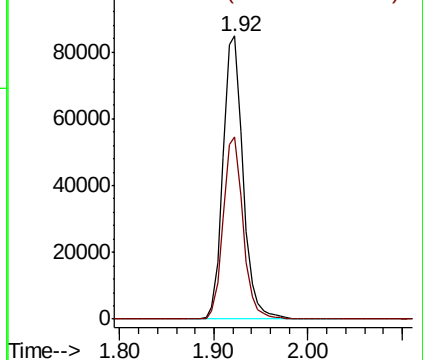
Trichlorofluoromethane
Concen: 46.688 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 125198
Ion Ratio Lower Upper
101 100
103 64.4 50.9 76.3



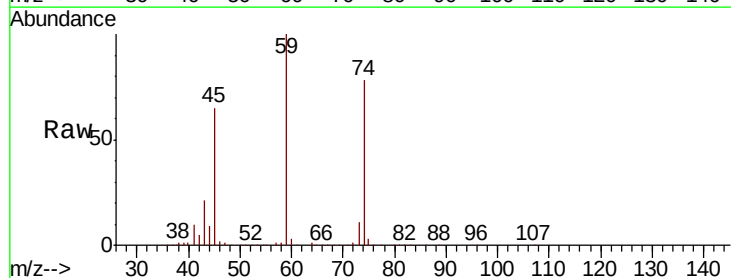
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



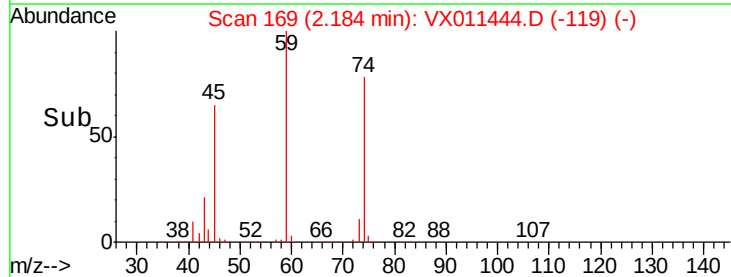
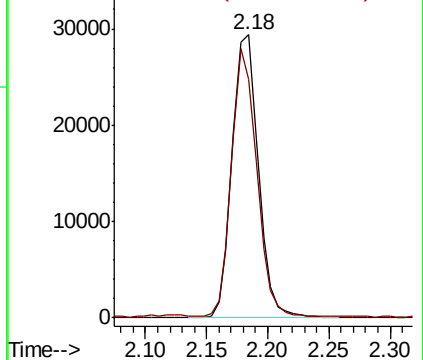
#8

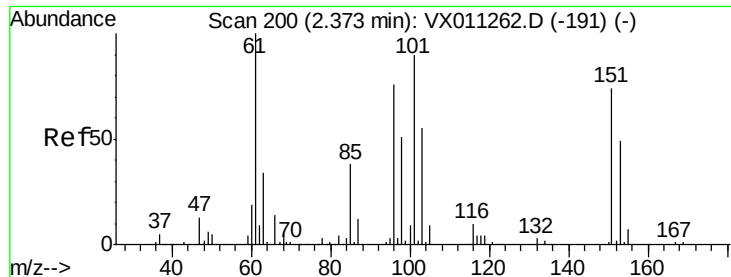
Diethyl Ether
Concen: 45.598 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Tgt Ion: 74 Resp: 43661
Ion Ratio Lower Upper
74 100
45 90.4 46.1 138.3



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

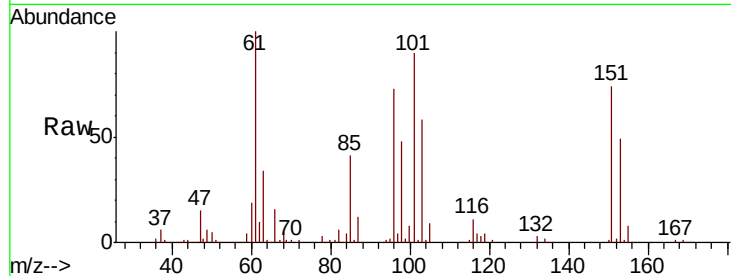




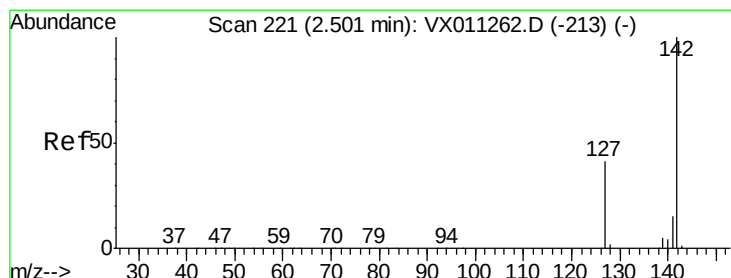
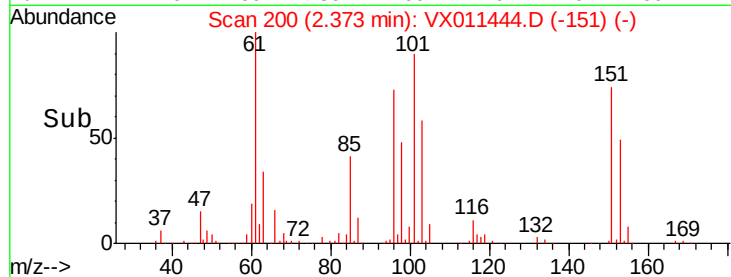
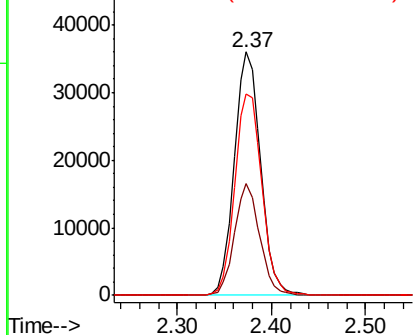
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.219 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 69963
 Ion Ratio Lower Upper
 101 100
 85 44.0 33.8 50.6
 151 85.2 69.5 104.3

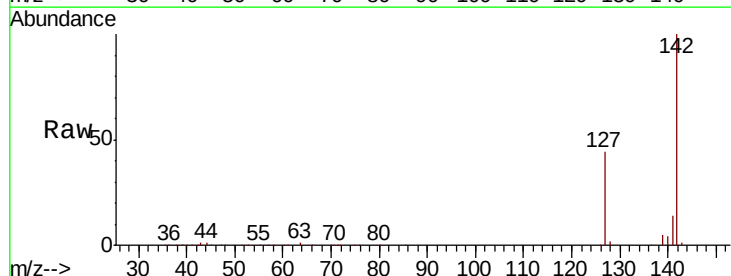


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

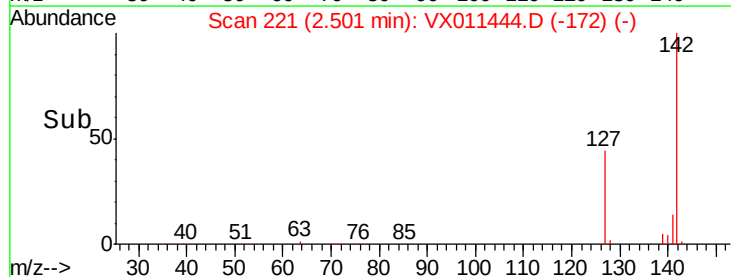
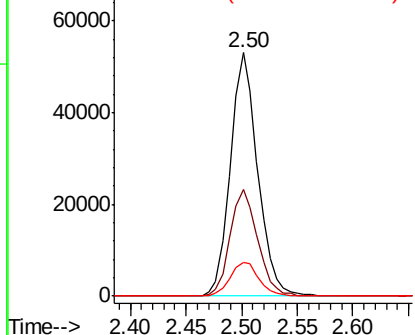


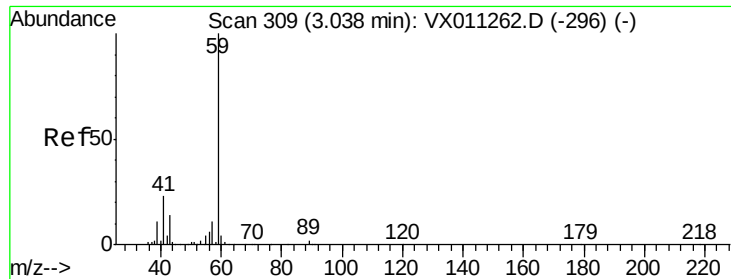
#10
 Methyl Iodide
 Concen: 49.228 ug/l
 RT: 2.50 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion:142 Resp: 90052
 Ion Ratio Lower Upper
 142 100
 127 44.3 33.8 50.8
 141 14.7 11.4 17.2



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

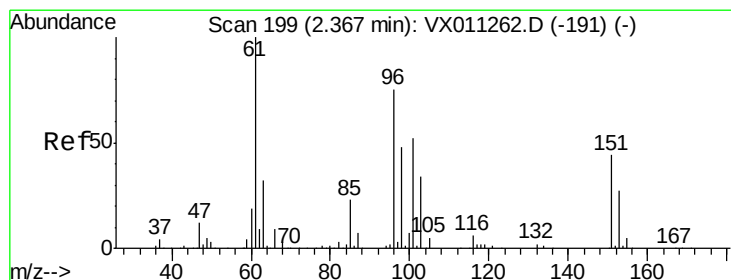
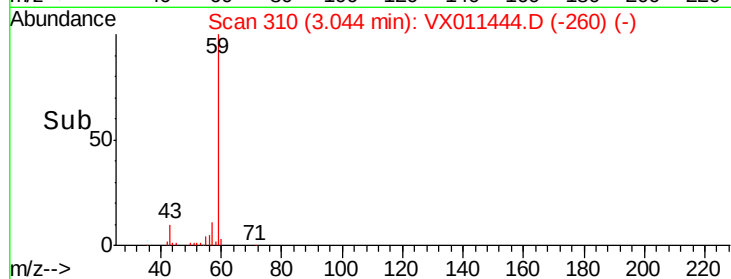
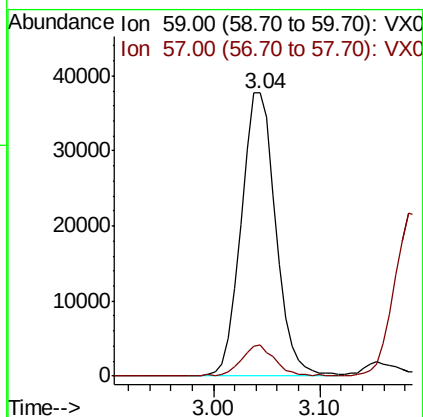
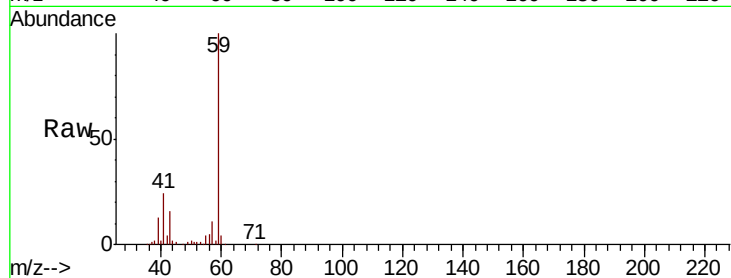




#11
Tert butyl alcohol
Concen: 271.580 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

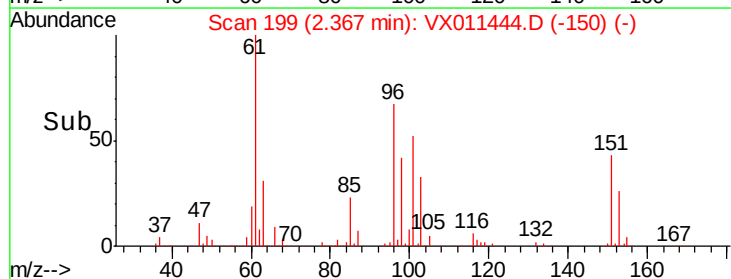
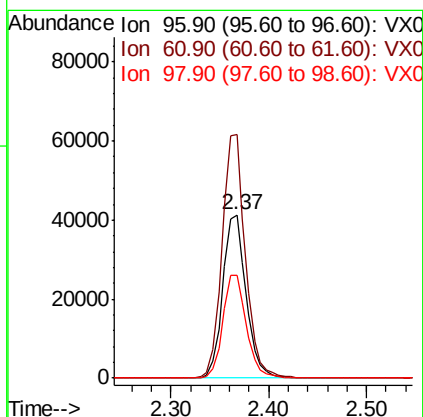
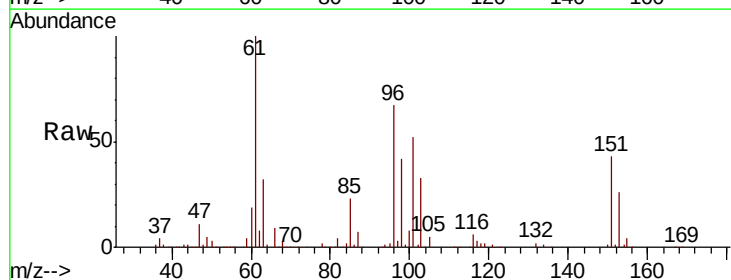
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

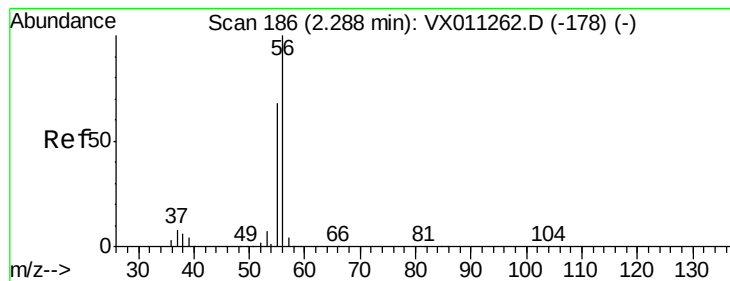
Tgt Ion: 59 Resp: 86214
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.528 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Tgt Ion: 96 Resp: 68360
Ion Ratio Lower Upper
96 100
61 149.4 106.2 159.2
98 62.9 50.6 75.8





#13

Acrolein

Concen: 157.221 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

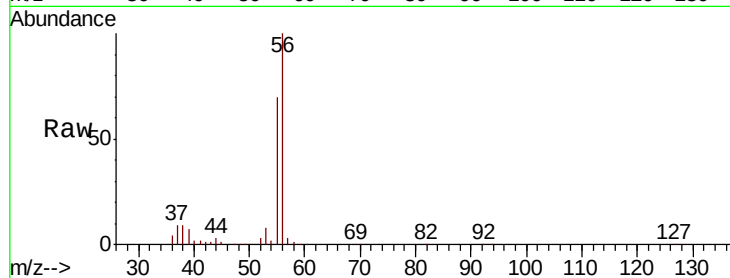
VSTDCCC050EC

Tgt Ion: 56 Resp: 31048

Ion Ratio Lower Upper

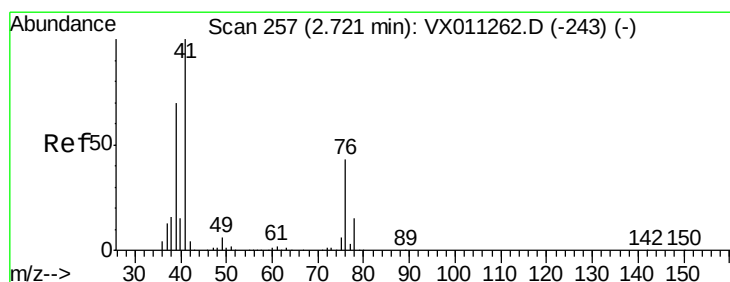
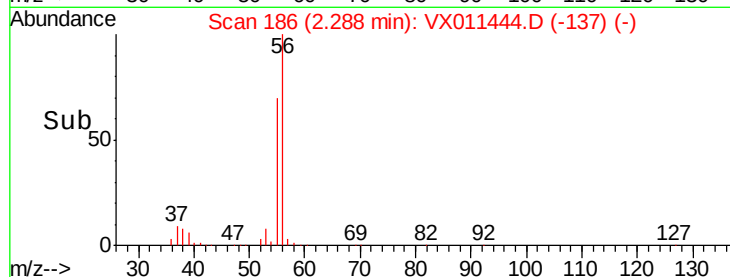
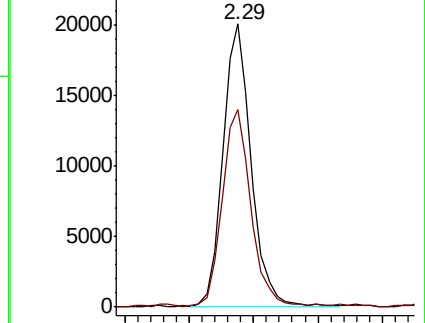
56 100

55 70.1 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 53.887 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

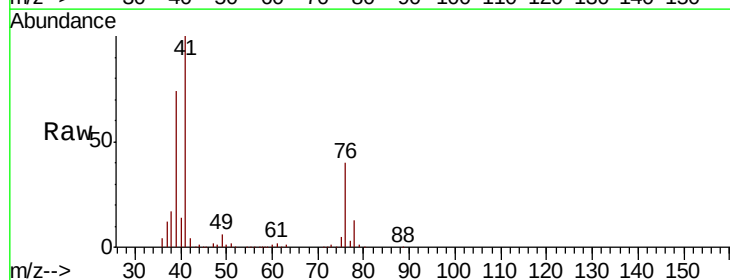
Tgt Ion: 41 Resp: 103325

Ion Ratio Lower Upper

41 100

39 68.3 52.8 79.2

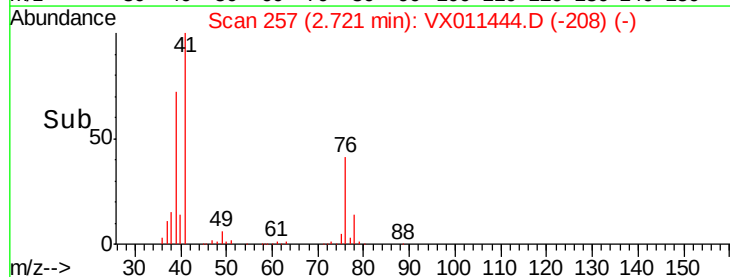
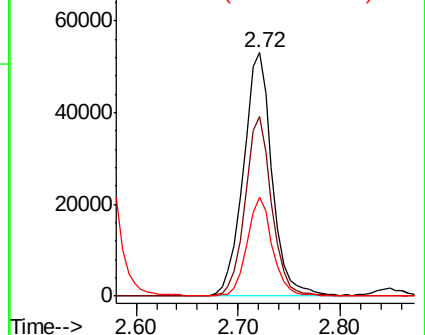
76 35.6 31.1 46.7

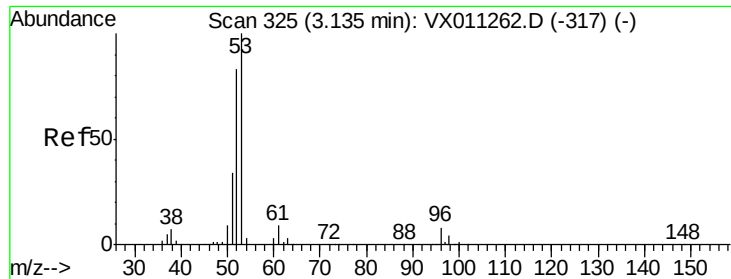


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 269.960 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

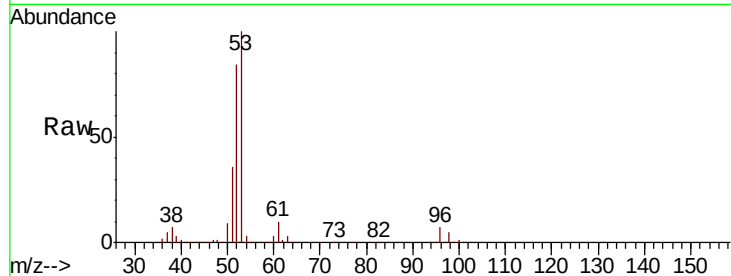
Tgt Ion: 53 Resp: 204507

Ion Ratio Lower Upper

53 100

52 84.6 65.5 98.3

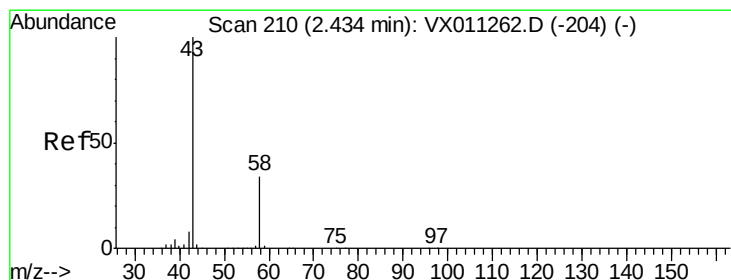
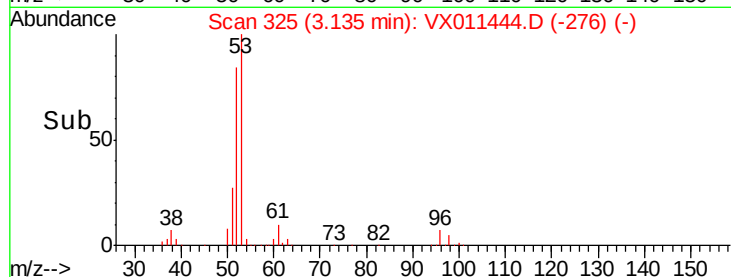
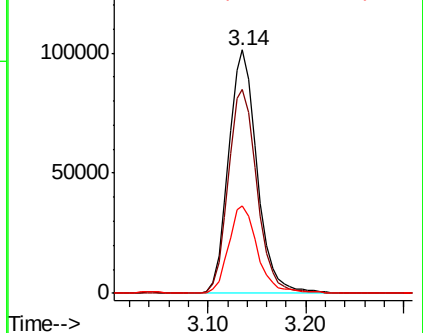
51 36.7 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 235.154 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011444.D

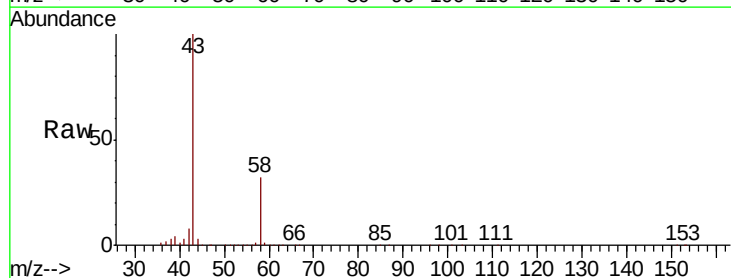
Acq: 11 Aug 2019 20:08

Tgt Ion: 43 Resp: 178187

Ion Ratio Lower Upper

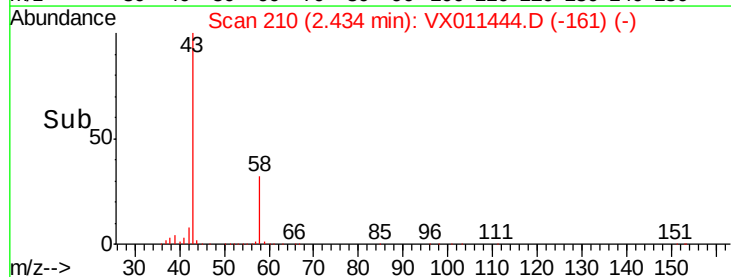
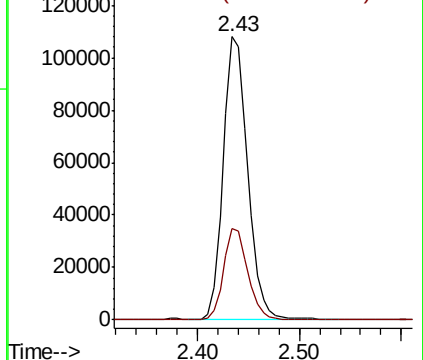
43 100

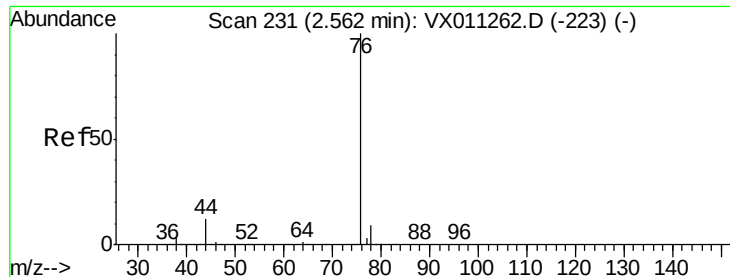
58 32.4 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

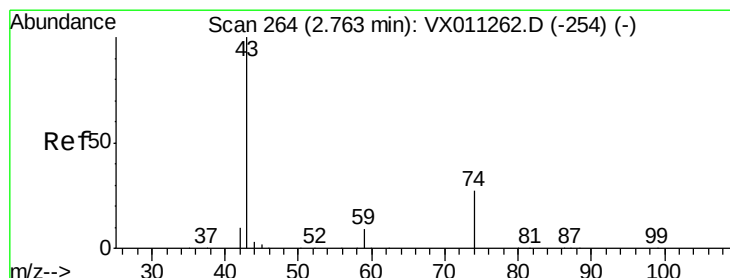
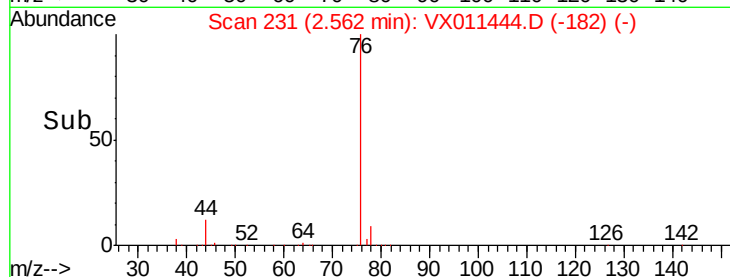
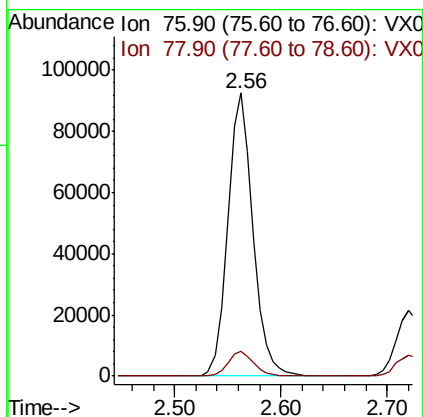
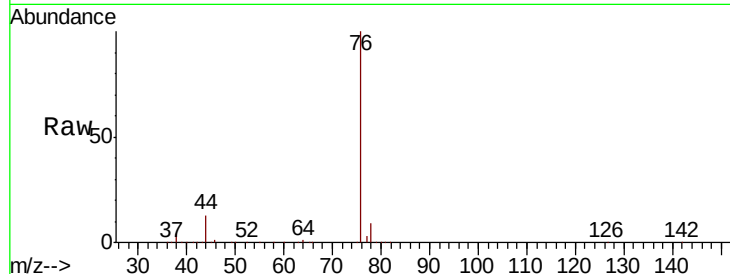




#17
Carbon Disulfide
Concen: 45.289 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

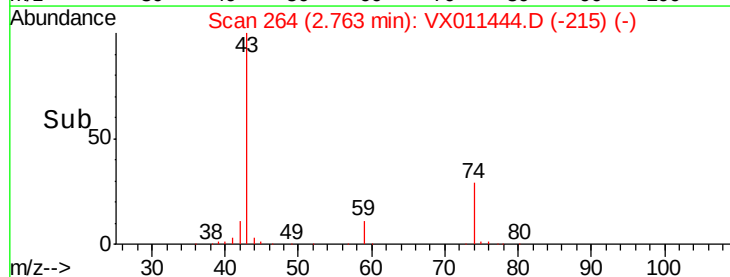
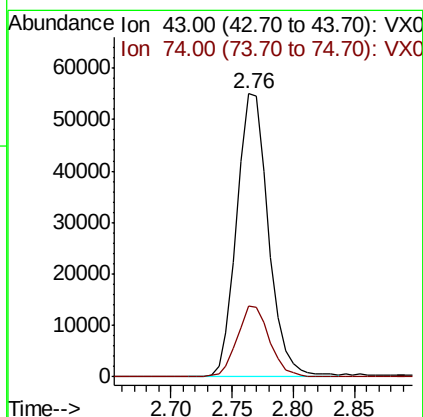
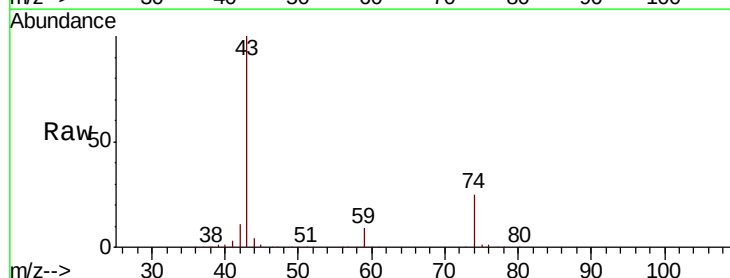
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

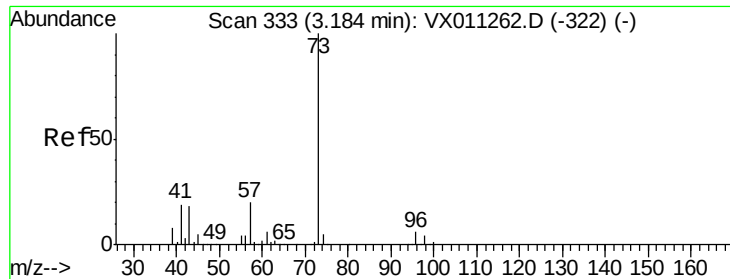
Tgt Ion: 76 Resp: 152857
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 57.024 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Tgt Ion: 43 Resp: 98746
Ion Ratio Lower Upper
43 100
74 25.9 21.0 31.6



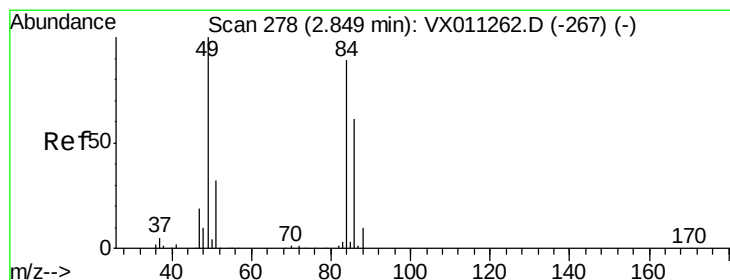
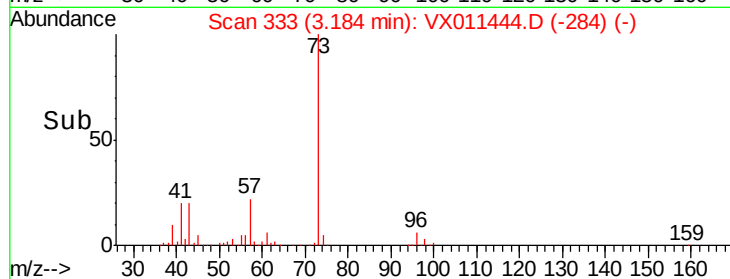
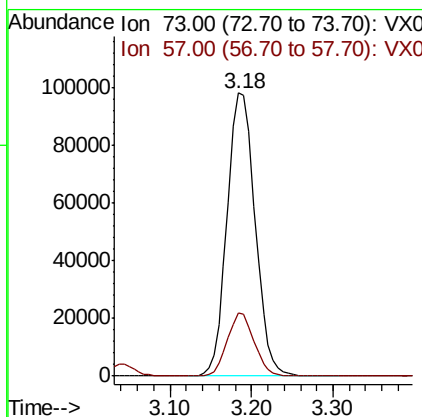
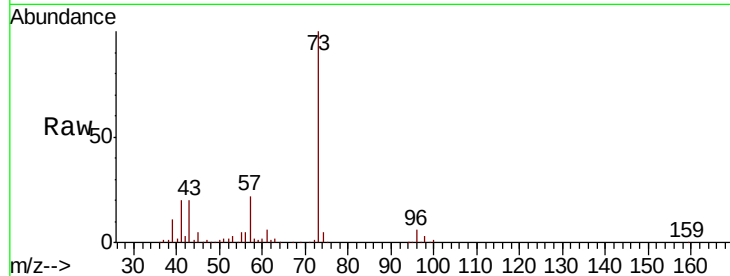


#19

Methyl tert-butyl Ether
 Concen: 54.938 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

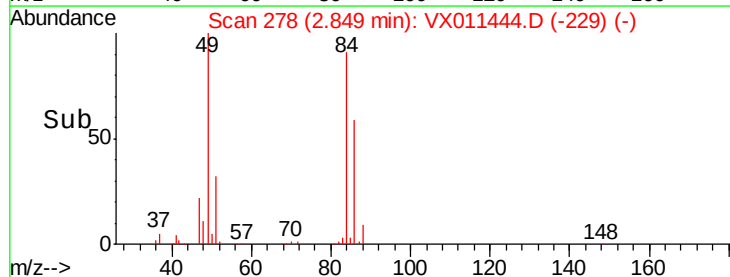
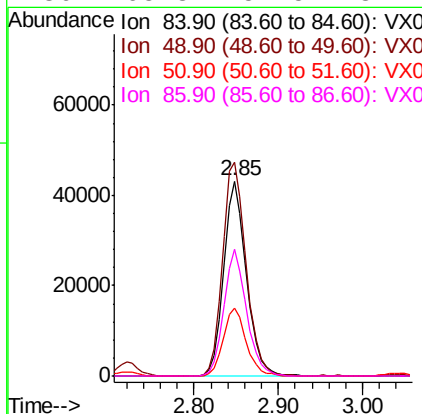
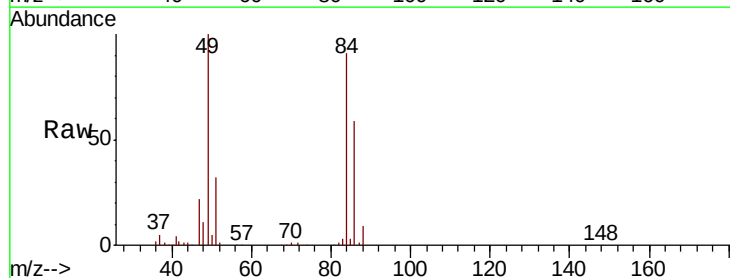
Tgt Ion: 73 Resp: 232859
 Ion Ratio Lower Upper
 73 100
 57 22.2 16.2 24.2

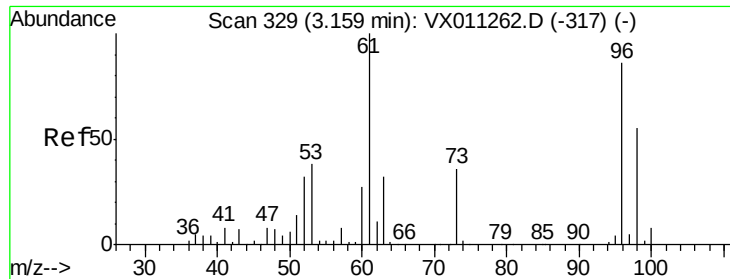


#20

Methylene Chloride
 Concen: 47.952 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion: 84 Resp: 79577
 Ion Ratio Lower Upper
 84 100
 49 109.8 89.3 133.9
 51 34.7 28.3 42.5
 86 65.3 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 48.352 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

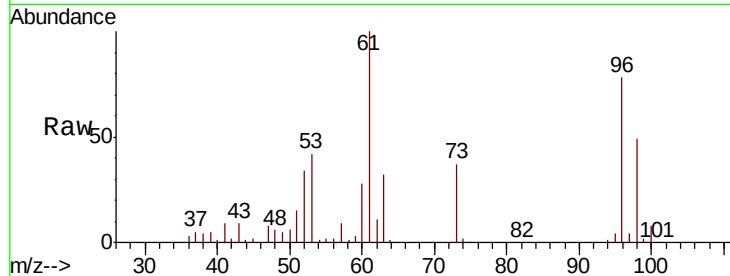
Tgt Ion: 96 Resp: 73565

Ion Ratio Lower Upper

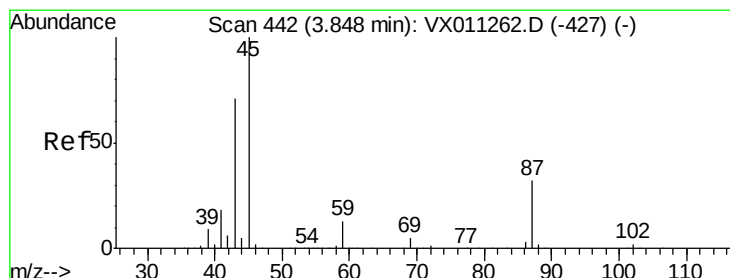
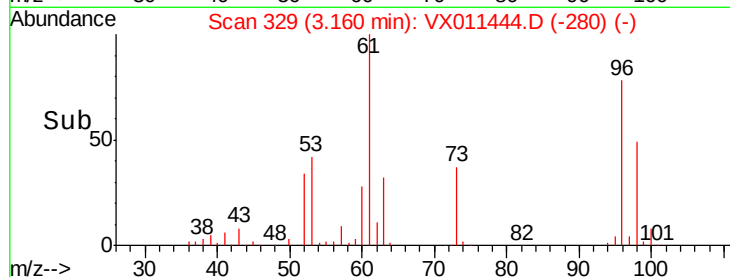
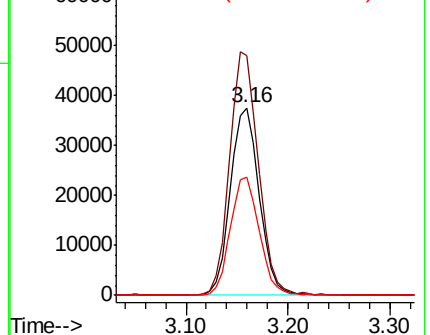
96 100

61 127.8 92.8 139.2

98 62.7 51.2 76.8



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: 54.279 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Tgt Ion: 45 Resp: 228744

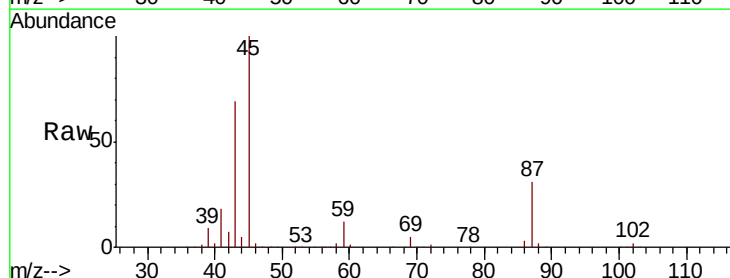
Ion Ratio Lower Upper

45 100

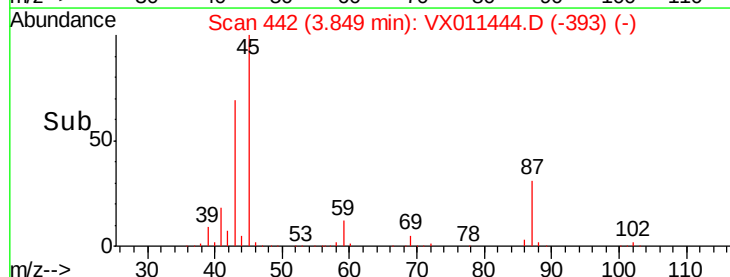
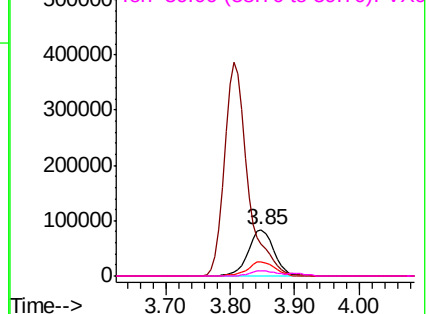
43 69.3 56.8 85.2

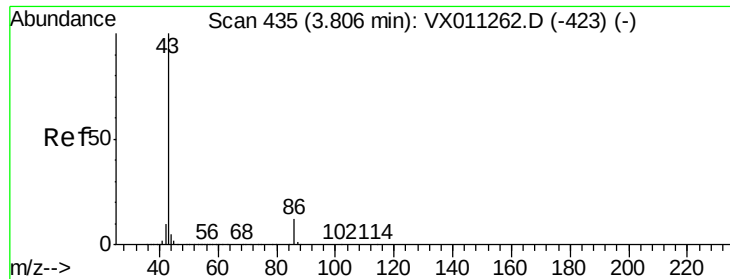
87 30.8 25.8 38.6

59 11.9 10.3 15.5



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

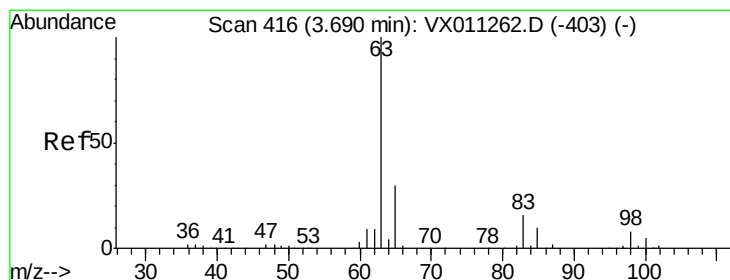
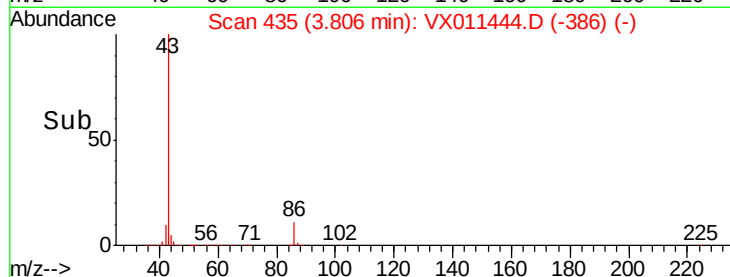
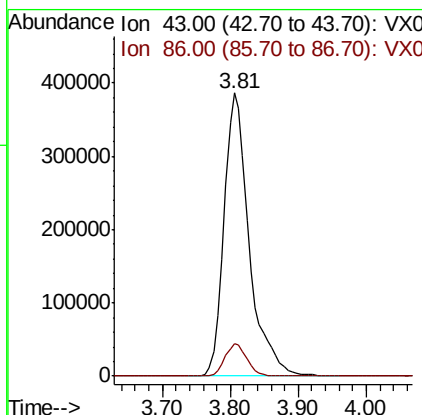
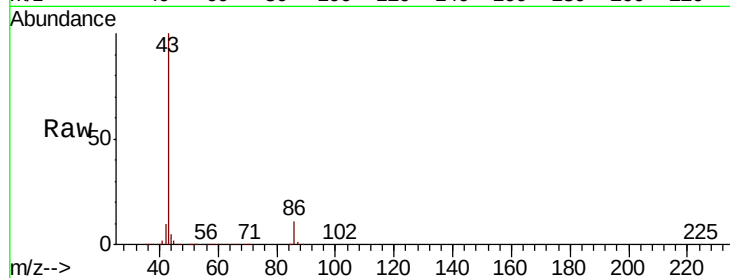




#23
 Vinyl Acetate
 Concen: 282.954 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

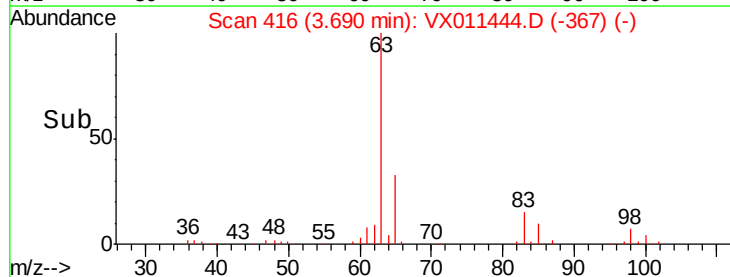
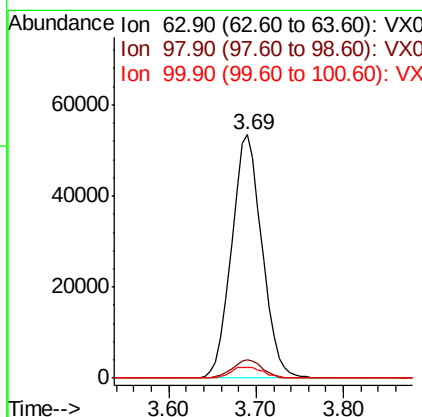
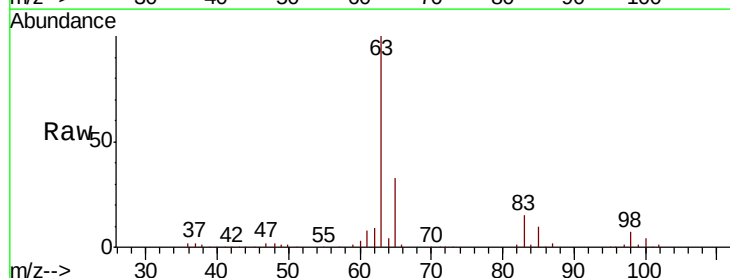
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

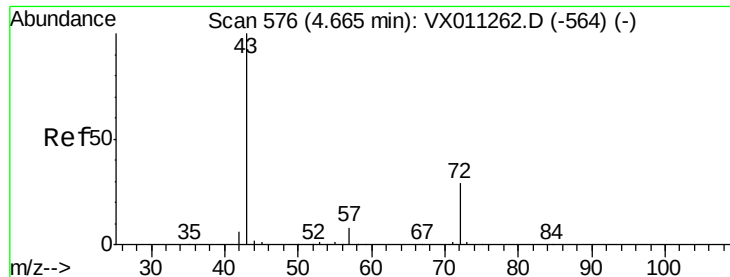
Tgt Ion: 43 Resp: 989007
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 52.008 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion: 63 Resp: 129238
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 4.5 2.7 8.1





#25

2-Butanone

Concen: 266.325 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

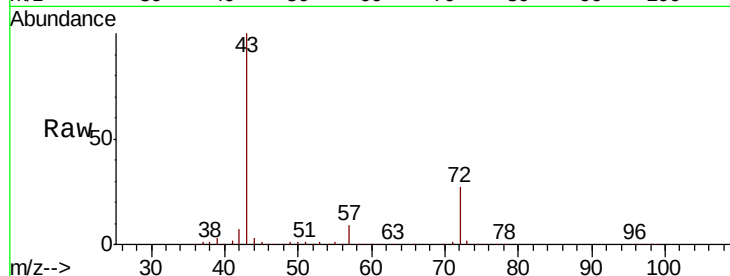
VSTDCCC050EC

Tgt Ion: 43 Resp: 287071

Ion Ratio Lower Upper

43 100

72 26.9 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

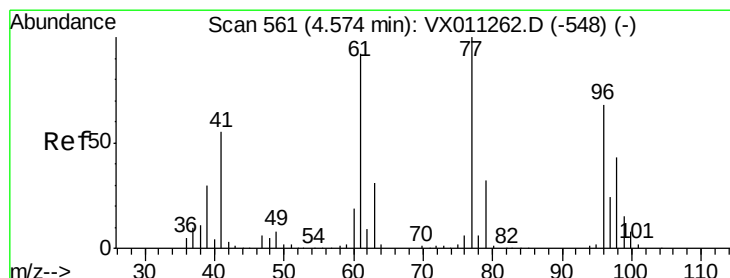
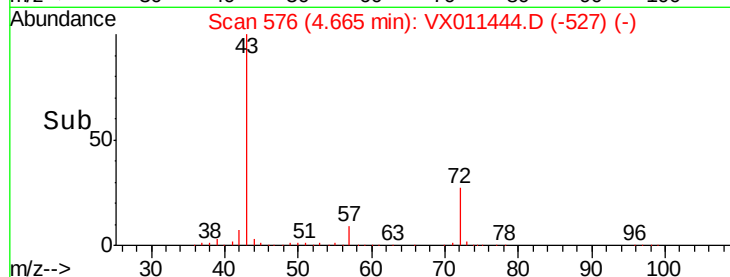
40000

20000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.493 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011444.D

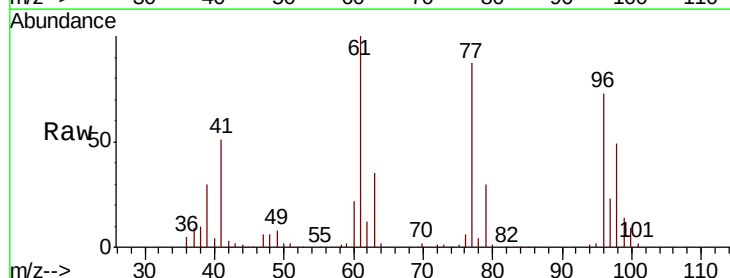
Acq: 11 Aug 2019 20:08

Tgt Ion: 77 Resp: 85947

Ion Ratio Lower Upper

77 100

97 25.6 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

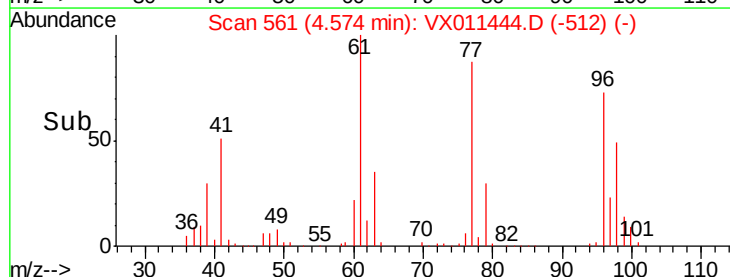
10000

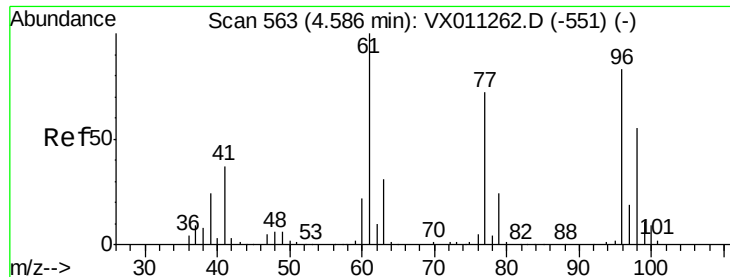
5000

0

4.40 4.50 4.57 4.60 4.70

Time-->



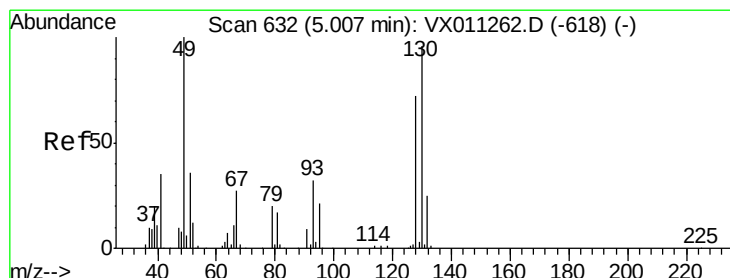
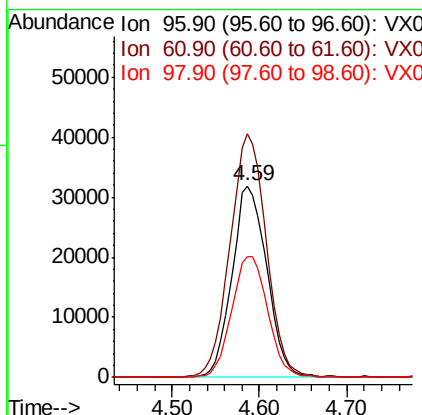
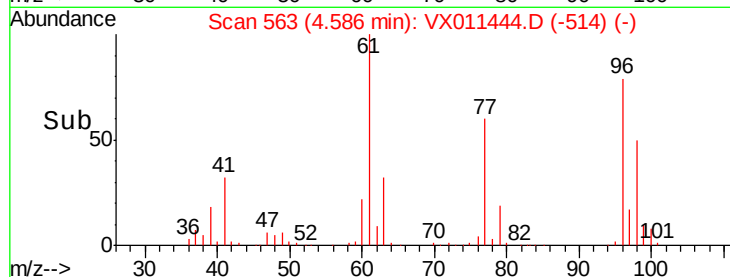
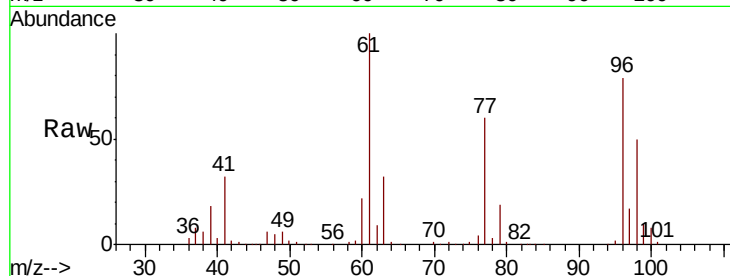


#27

cis-1,2-Dichloroethene
 Concen: 50.506 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

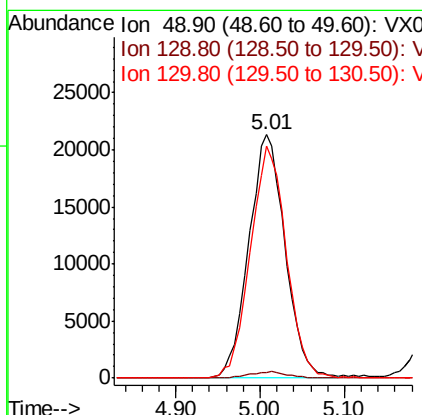
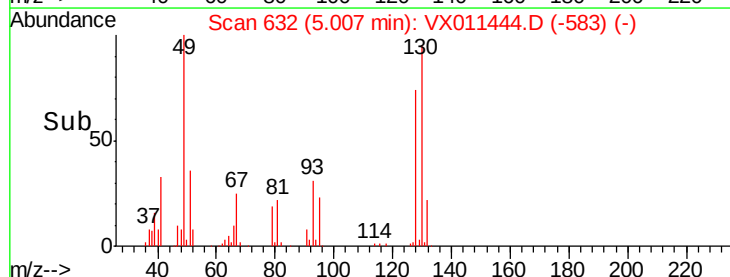
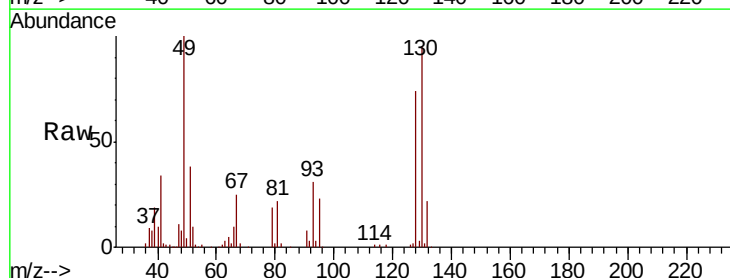
Tgt Ion: 96 Resp: 88510
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 260.2
 98 65.0 0.0 133.2

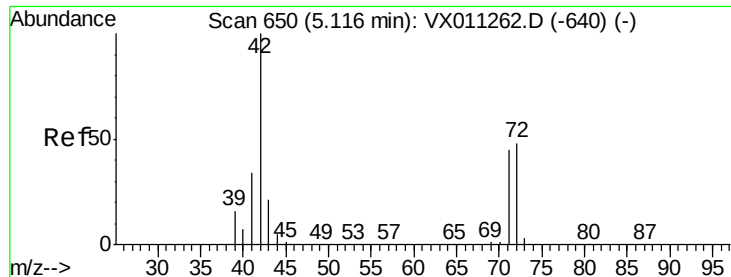


#28

Bromochloromethane
 Concen: 55.308 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion: 49 Resp: 62656
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.8
 130 94.5 77.9 116.9





#29

Tetrahydrofuran

Concen: 271.531 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.01 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

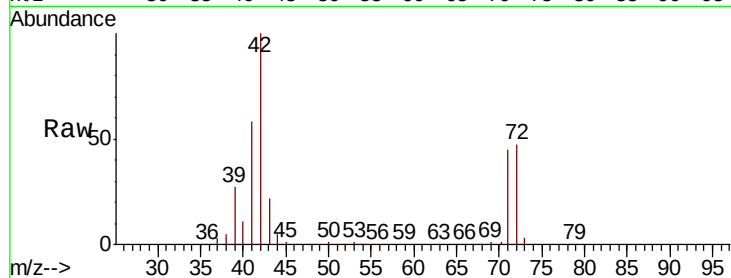
Tgt Ion: 42 Resp: 179458

Ion Ratio Lower Upper

42 100

72 48.6 39.9 59.9

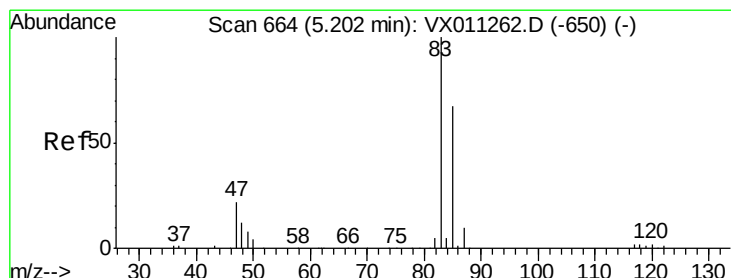
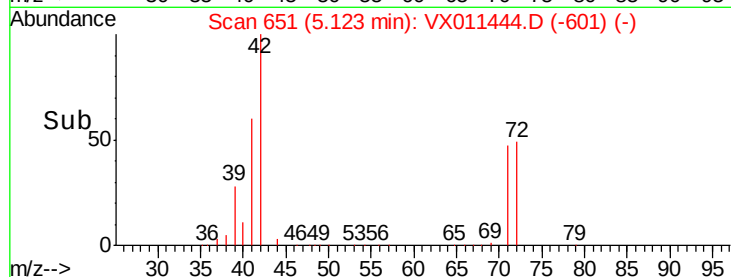
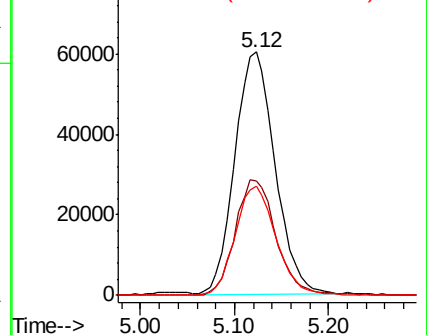
71 45.8 36.9 55.3



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: 53.678 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011444.D

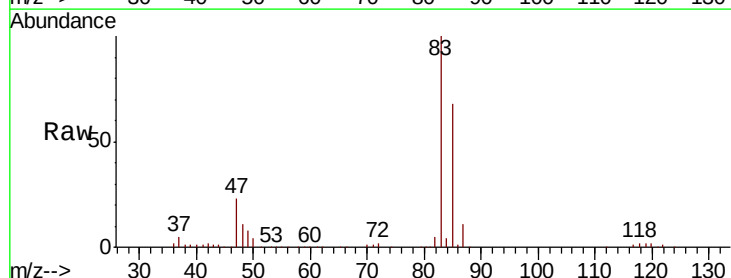
Acq: 11 Aug 2019 20:08

Tgt Ion: 83 Resp: 144974

Ion Ratio Lower Upper

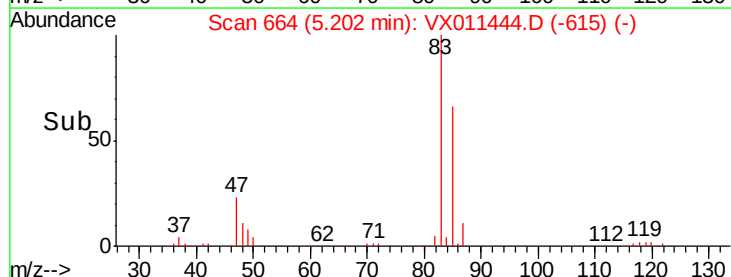
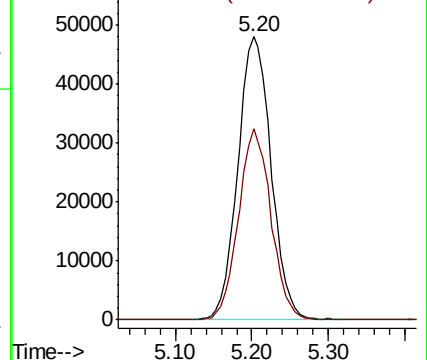
83 100

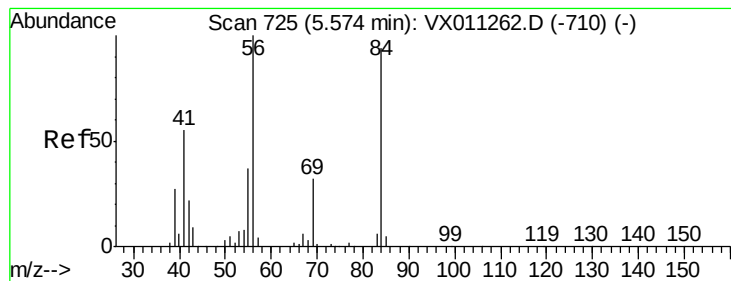
85 67.5 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.644 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

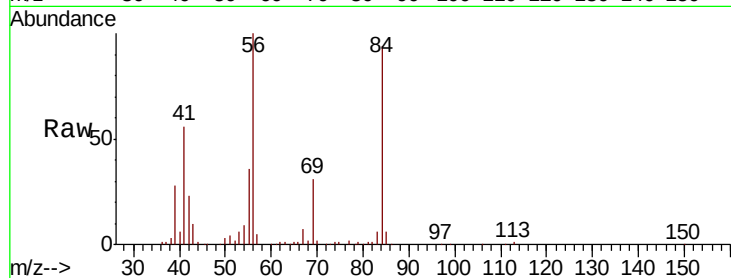
Tgt Ion: 56 Resp: 99727

Ion Ratio Lower Upper

56 100

69 30.8 25.5 38.3

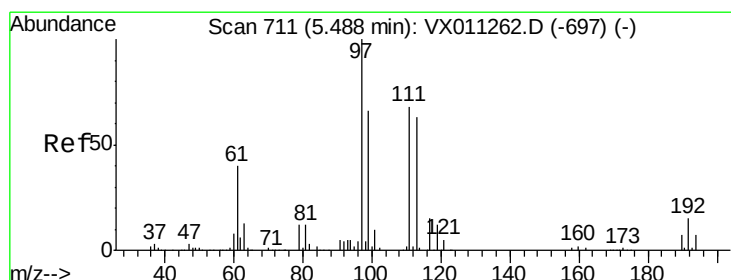
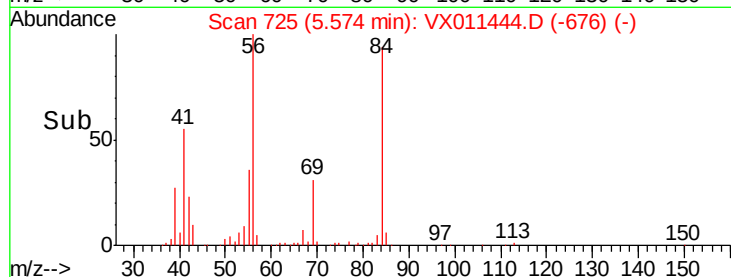
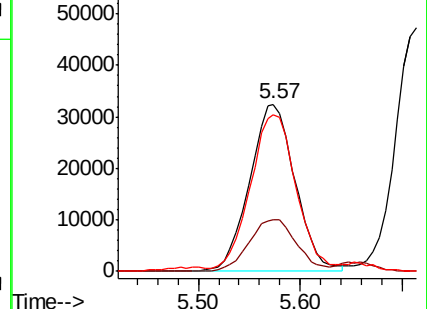
84 91.5 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 55.673 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

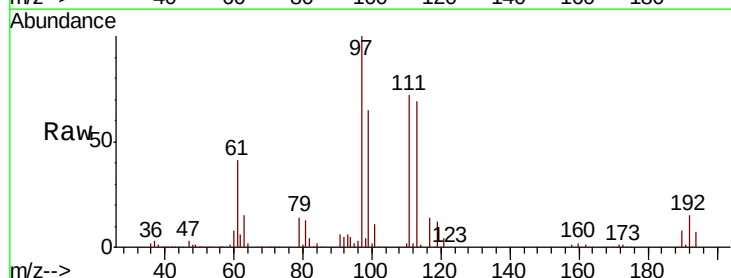
Tgt Ion: 97 Resp: 128807

Ion Ratio Lower Upper

97 100

99 63.8 51.6 77.4

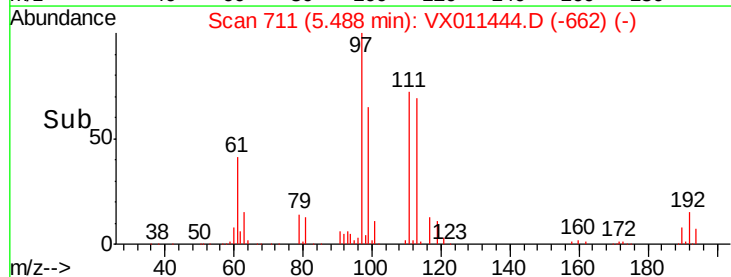
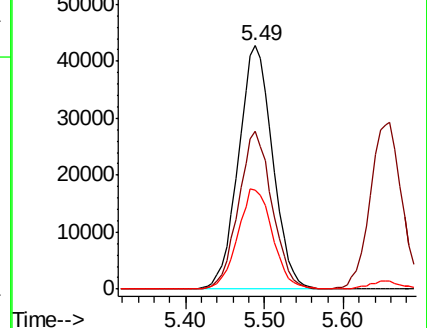
61 42.0 32.3 48.5

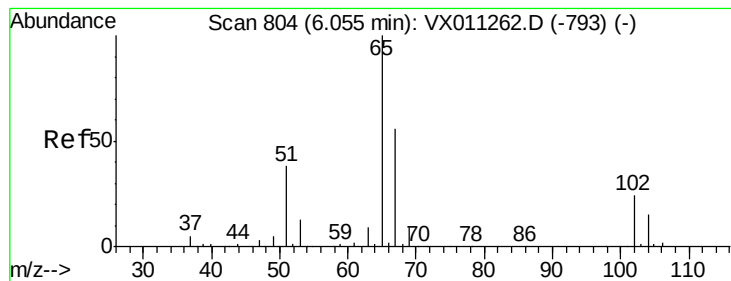


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 61.088 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

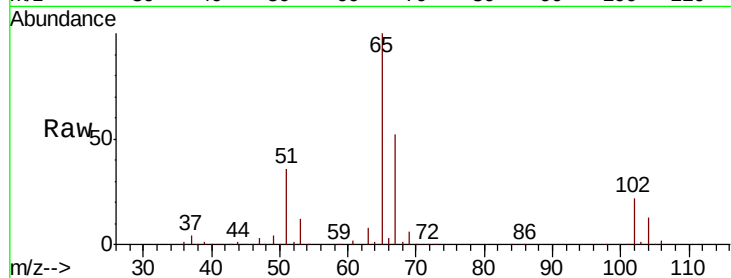
VSTDCCC050EC

Tgt Ion: 65 Resp: 97251

Ion Ratio Lower Upper

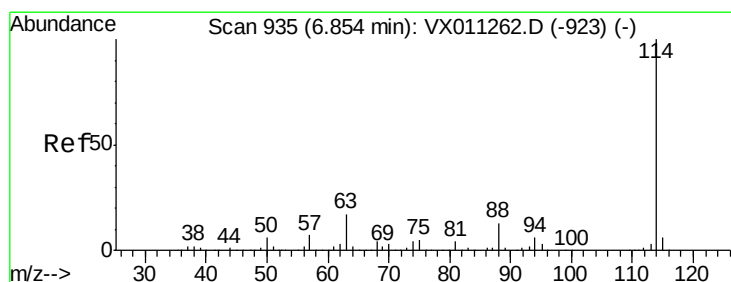
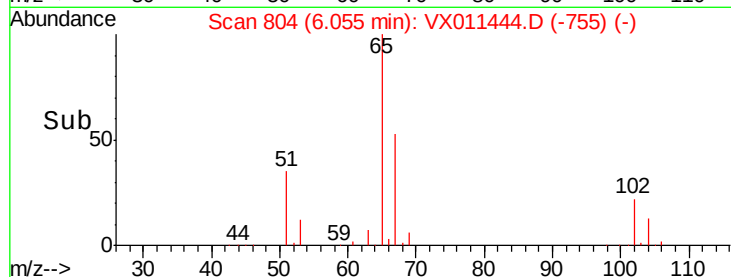
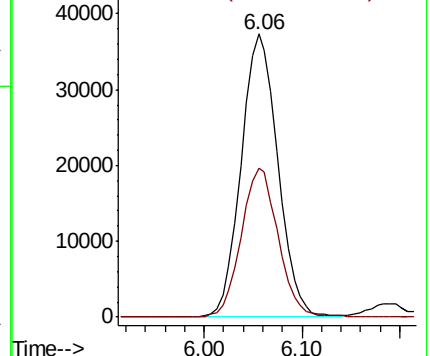
65 100

67 52.7 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

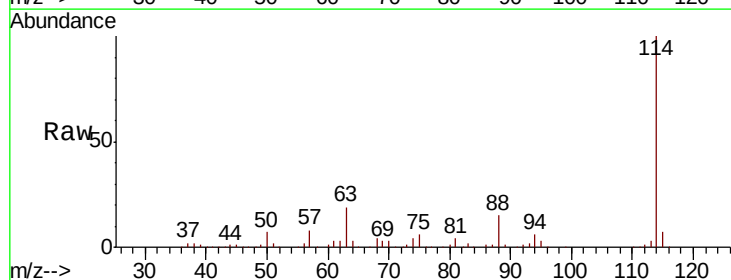
Tgt Ion: 114 Resp: 236350

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

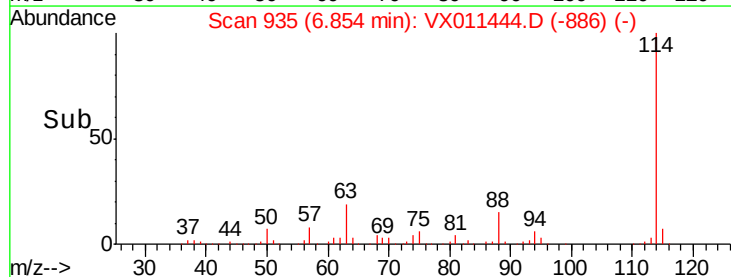
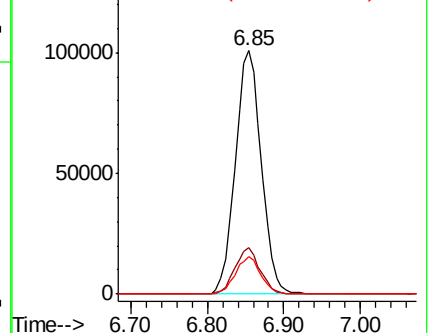
88 15.3 0.0 26.4

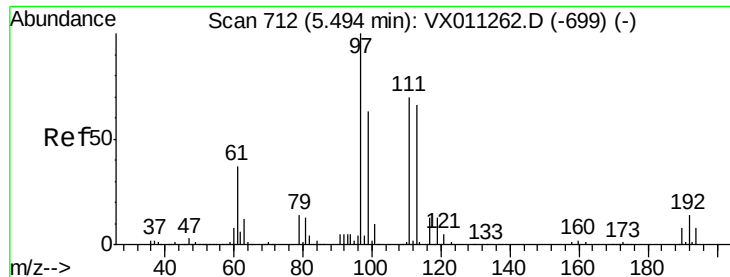


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

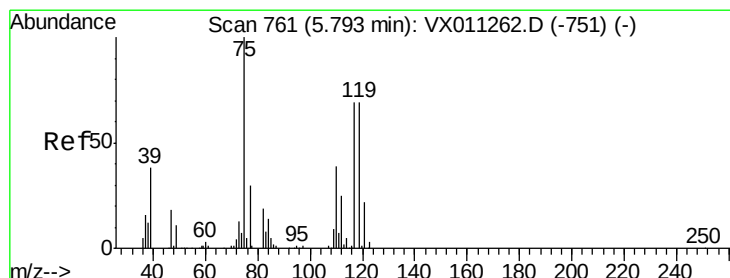
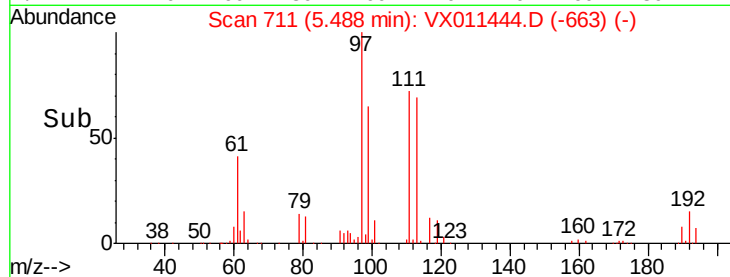
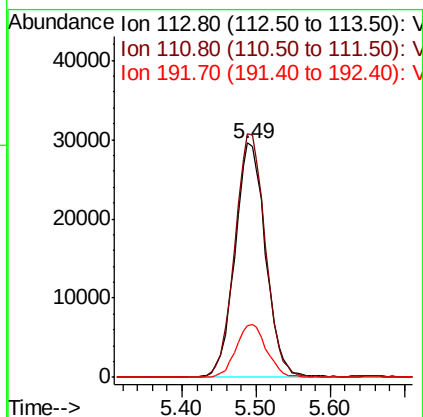
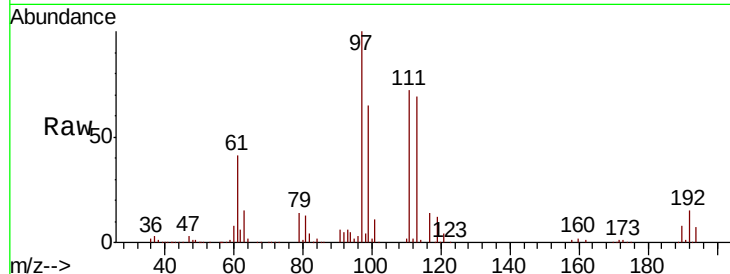




#35
 Dibromofluoromethane
 Concen: 55.424 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

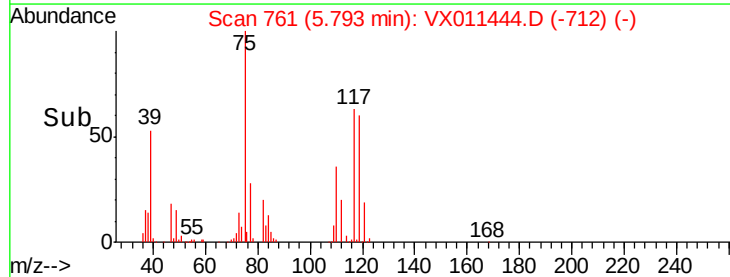
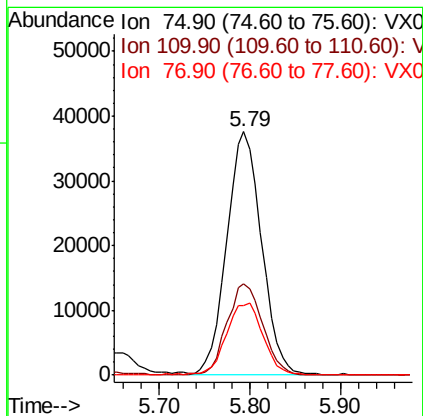
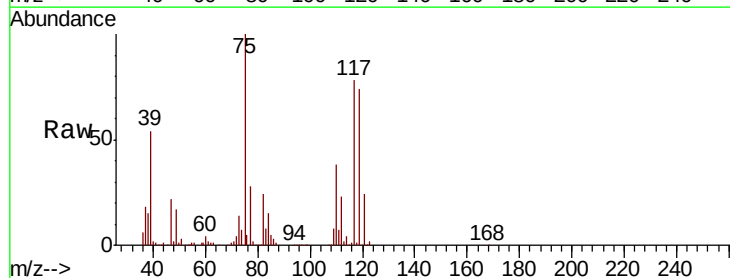
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

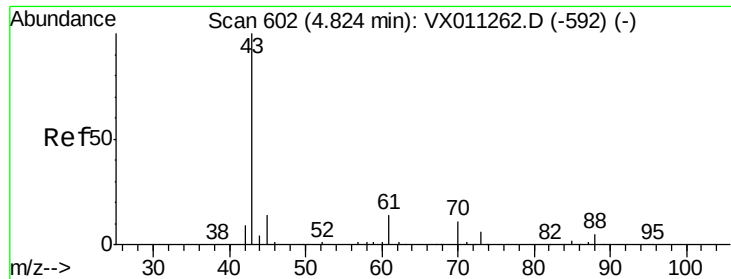
Tgt Ion: 113 Resp: 85523
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.9 122.9
 192 22.3 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 48.263 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion: 75 Resp: 99594
 Ion Ratio Lower Upper
 75 100
 110 39.0 20.0 59.9
 77 31.2 24.8 37.2





#37

Ethyl Acetate

Concen: 52.899 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

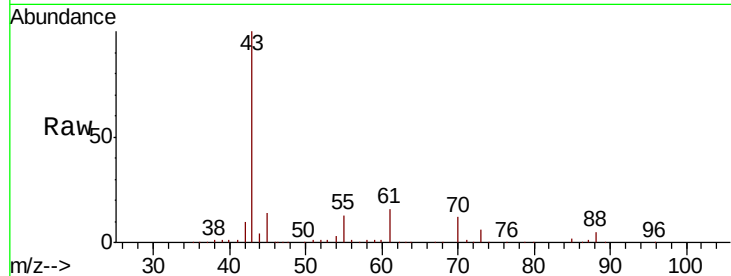
Tgt Ion: 43 Resp: 109496

Ion Ratio Lower Upper

43 100

61 15.5 12.6 18.8

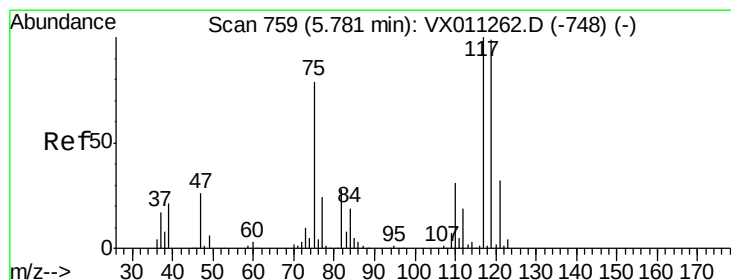
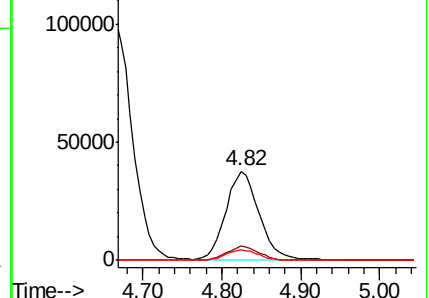
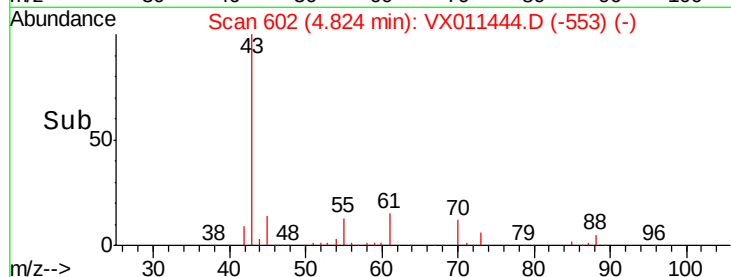
70 11.8 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 54.247 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

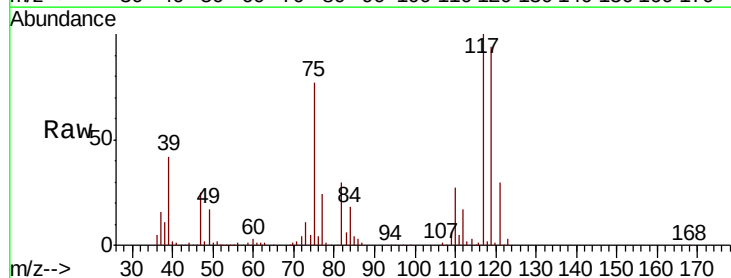
Tgt Ion: 117 Resp: 112621

Ion Ratio Lower Upper

117 100

119 94.2 79.0 118.4

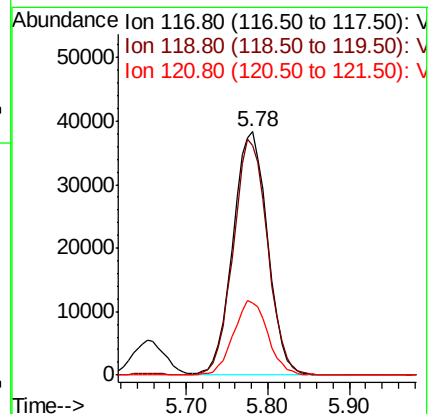
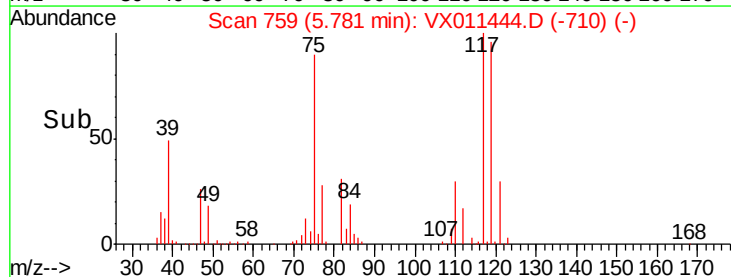
121 29.8 25.9 38.9

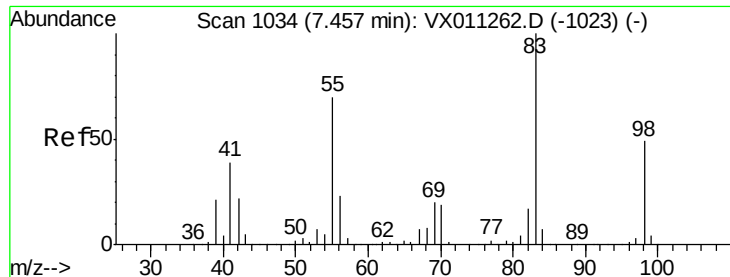


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

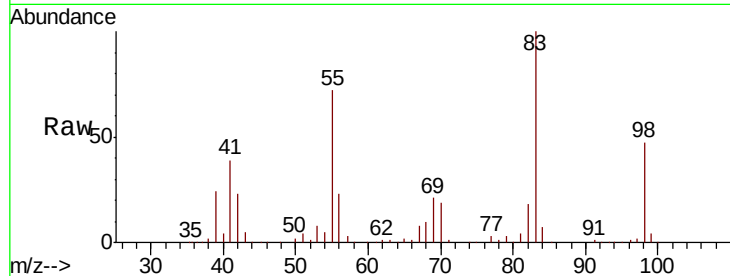




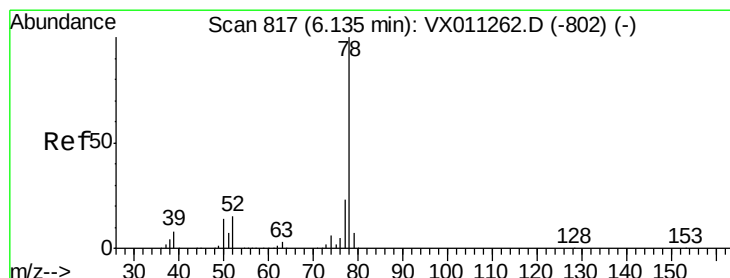
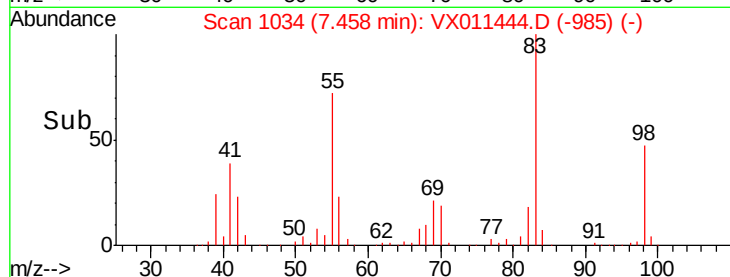
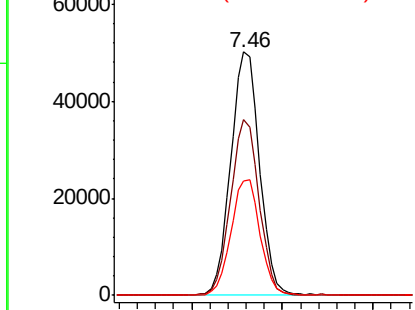
#39
Methylcyclohexane
Concen: 45.164 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 110471
Ion Ratio Lower Upper
83 100
55 72.0 56.1 84.1
98 47.1 39.0 58.4

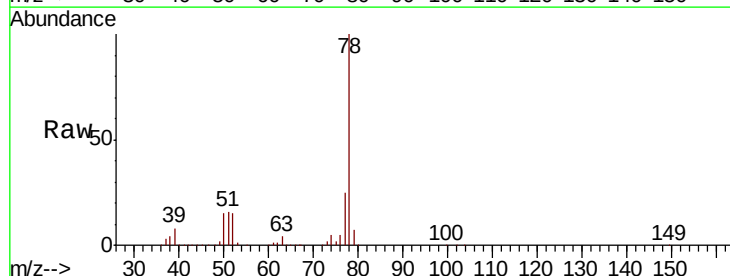


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

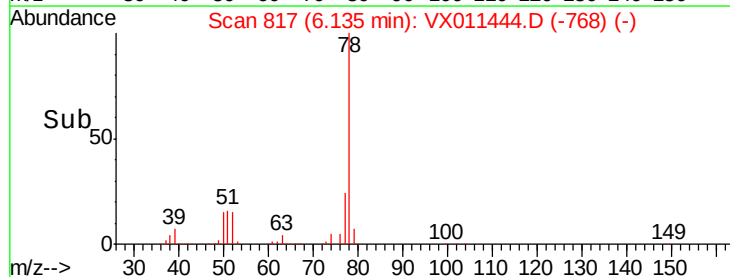
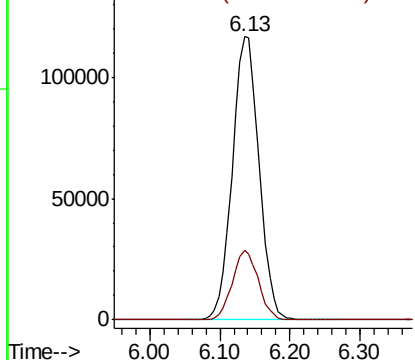


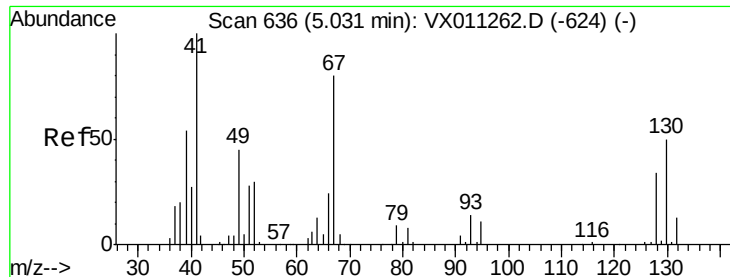
#40
Benzene
Concen: 50.155 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Tgt Ion: 78 Resp: 308848
Ion Ratio Lower Upper
78 100
77 24.7 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

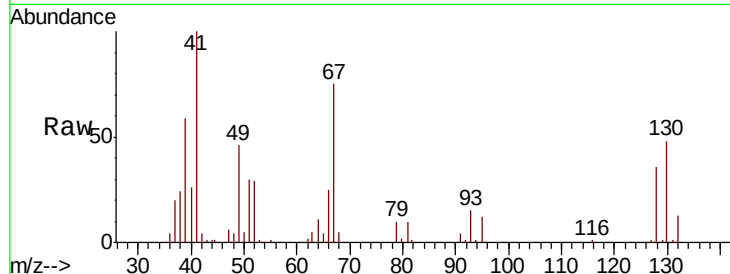




#41
Methacrylonitrile
Concen: 52.851 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	59745
Ion	Ratio	Lower	Upper
41	100		
39	59.0	43.0	64.6
67	81.0	65.1	97.7
52	32.7	24.8	37.2



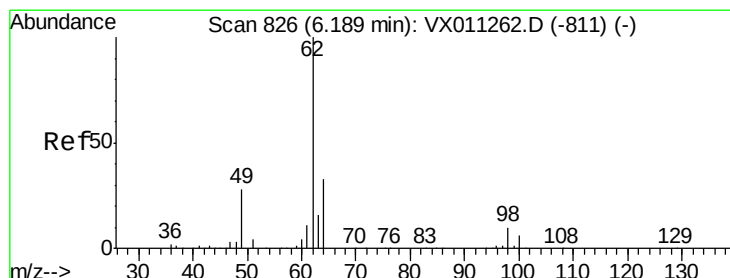
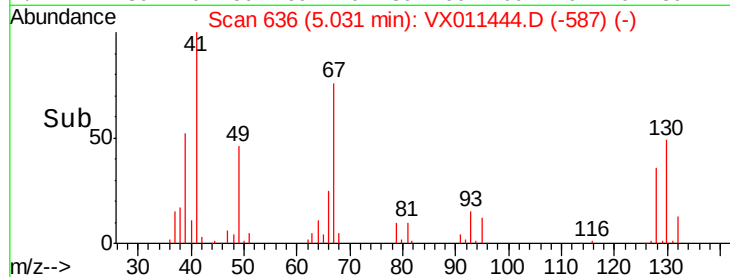
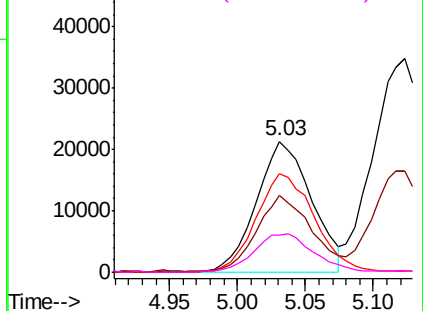
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

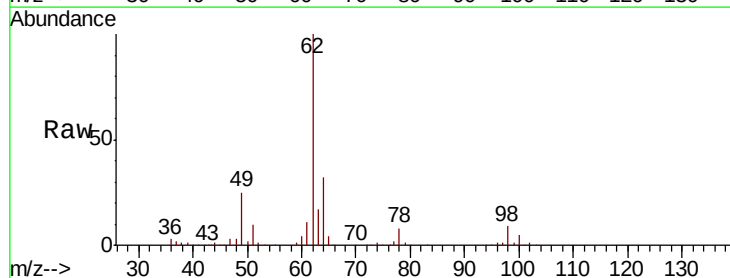
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 55.196 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

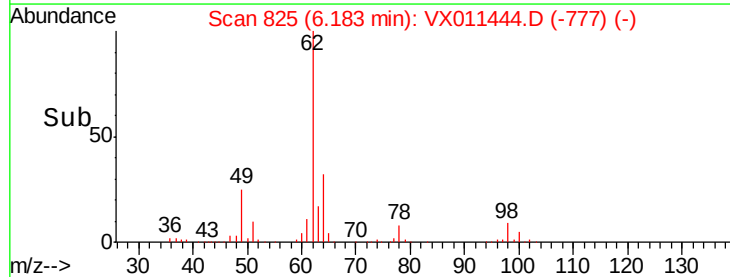
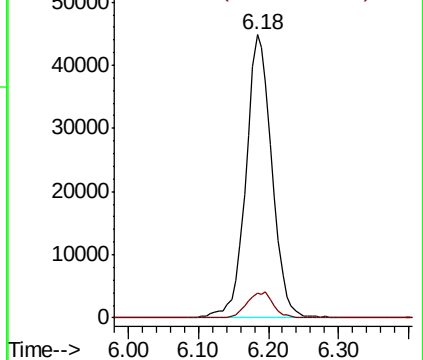
Tgt Ion:	62	Resp:	114933
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6

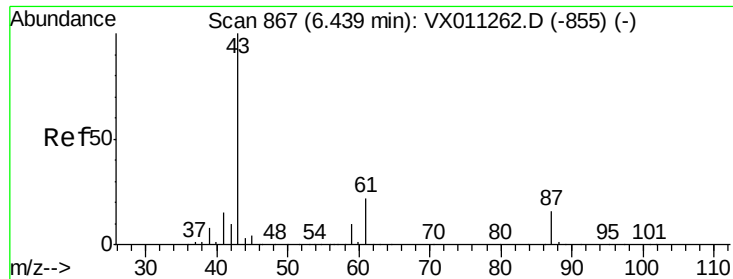


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.188 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

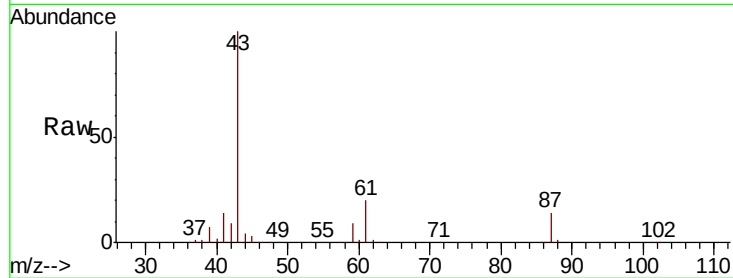
Tgt Ion: 43 Resp: 179323

Ion Ratio Lower Upper

43 100

61 20.1 16.5 24.7

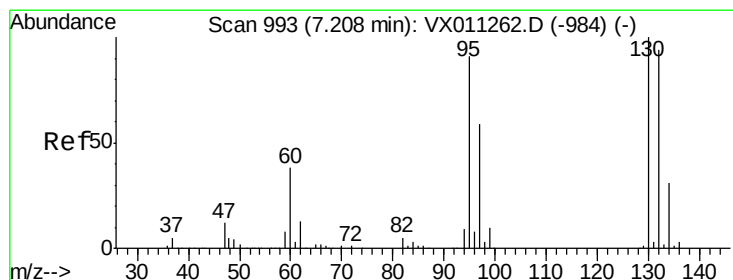
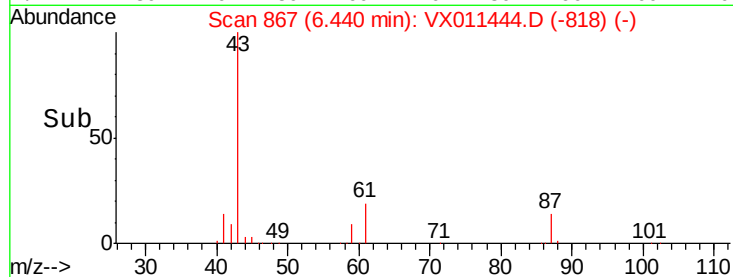
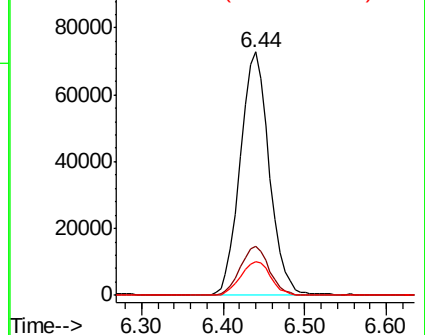
87 14.4 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.289 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011444.D

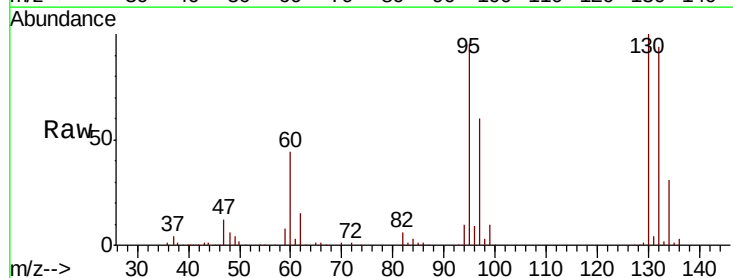
Acq: 11 Aug 2019 20:08

Tgt Ion: 130 Resp: 88142

Ion Ratio Lower Upper

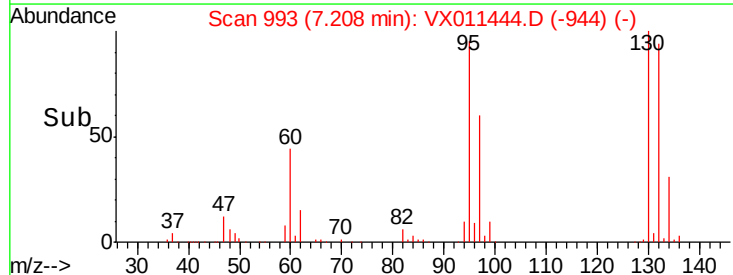
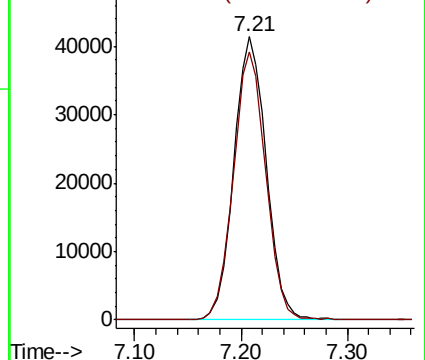
130 100

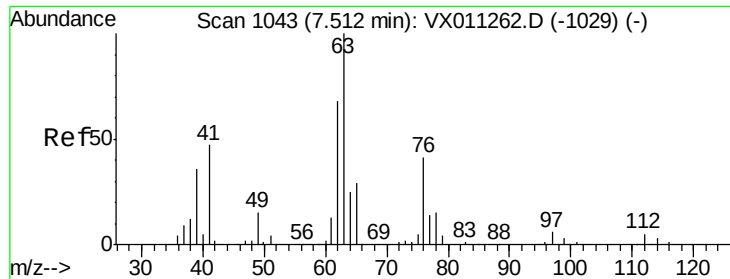
95 94.5 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

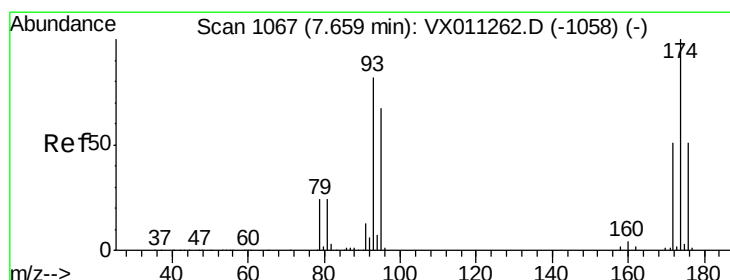
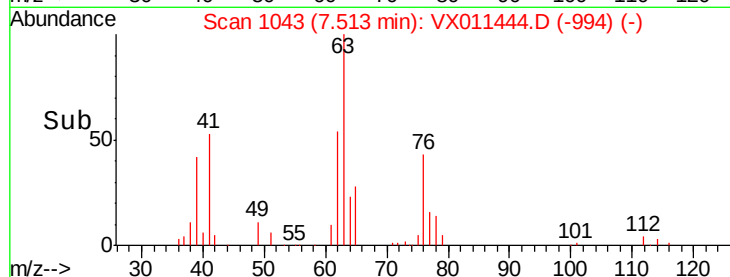
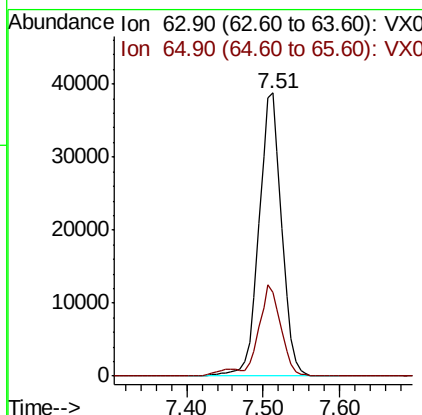
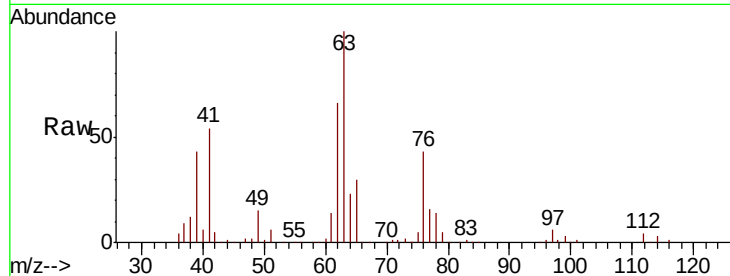




#45
 1,2-Dichloropropane
 Concen: 50.329 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

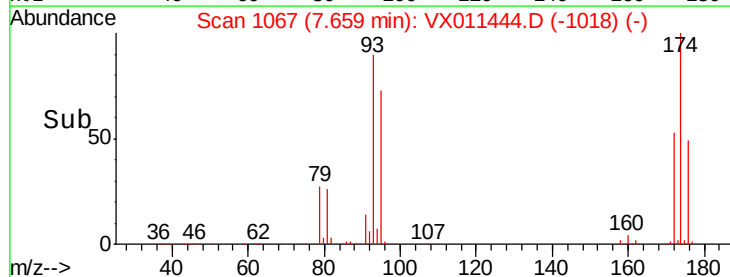
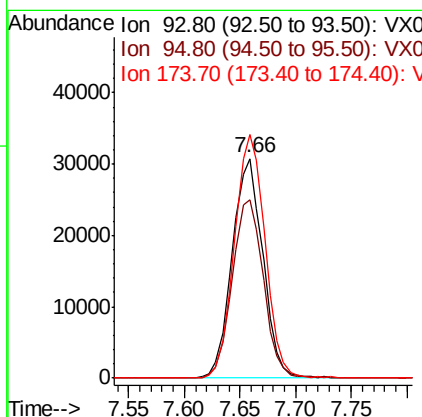
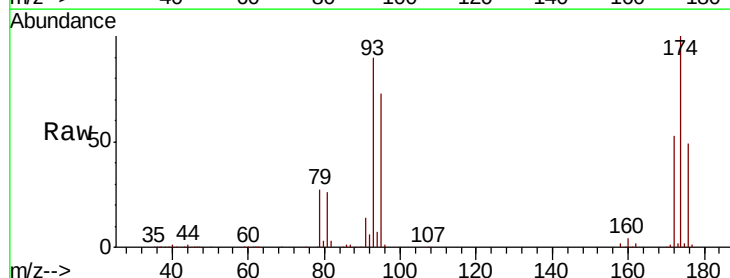
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

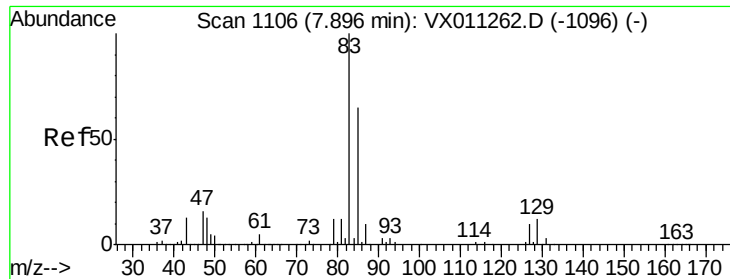
Tgt Ion: 63 Resp: 80263
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.3 34.9



#46
 Dibromomethane
 Concen: 50.520 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion: 93 Resp: 58815
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.4 99.6
 174 110.4 93.4 140.2





#47

Bromodichloromethane

Concen: 55.801 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

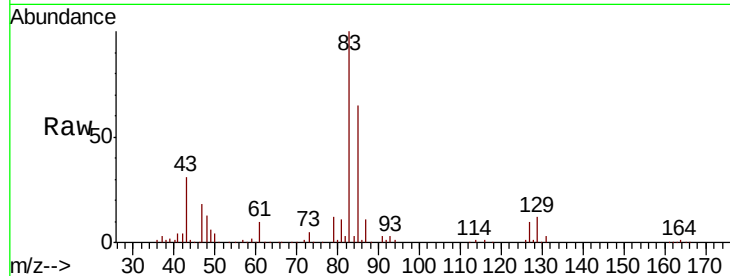
Tgt Ion: 83 Resp: 109989

Ion Ratio Lower Upper

83 100

85 64.7 52.2 78.2

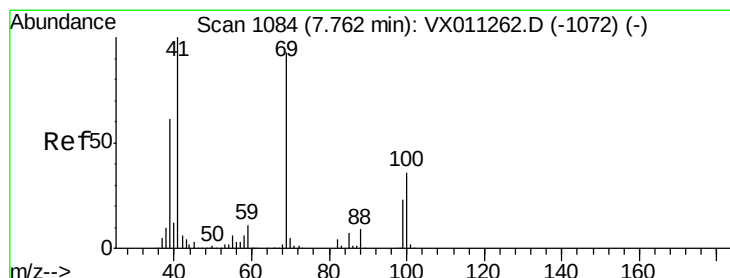
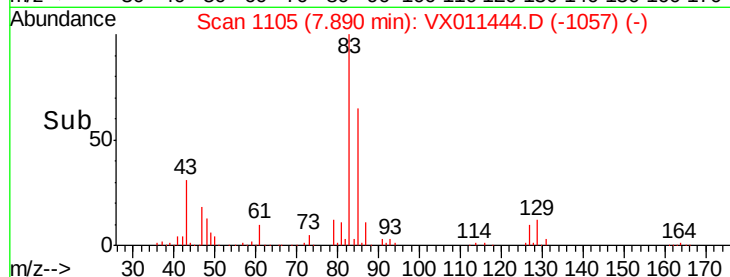
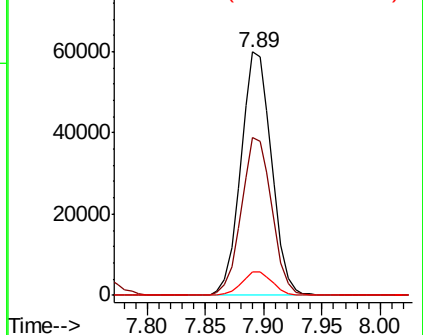
127 9.7 7.8 11.8



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: 57.204 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

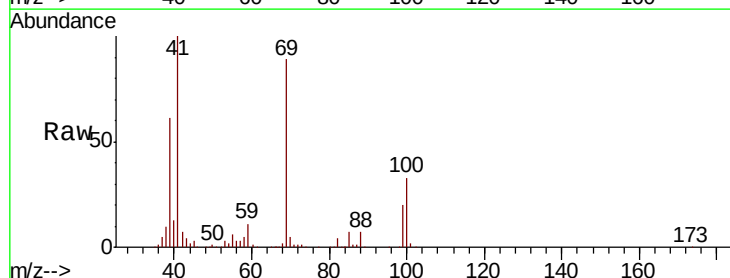
Tgt Ion: 41 Resp: 89089

Ion Ratio Lower Upper

41 100

69 88.4 74.5 111.7

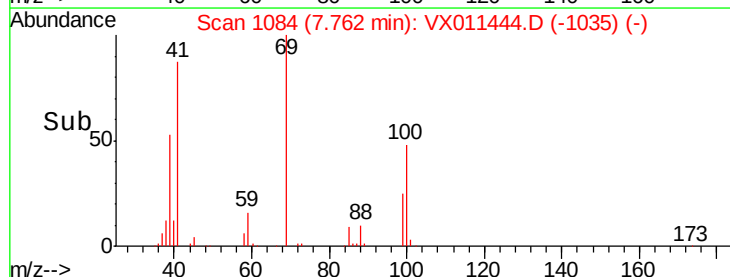
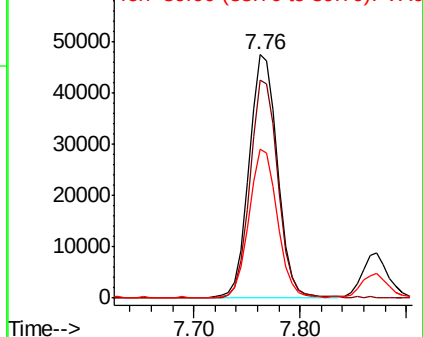
39 60.3 48.6 72.8

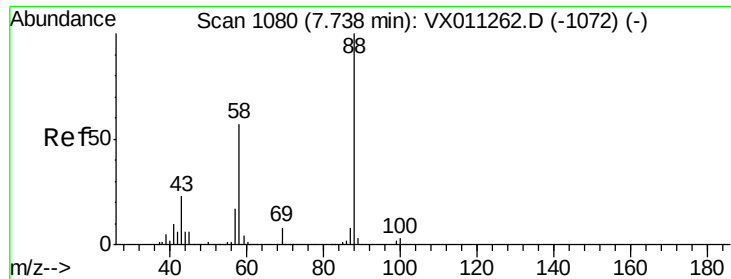


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

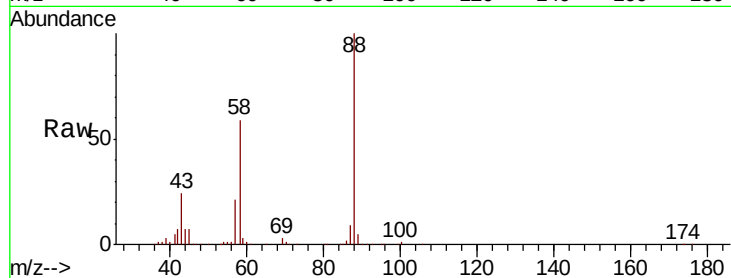




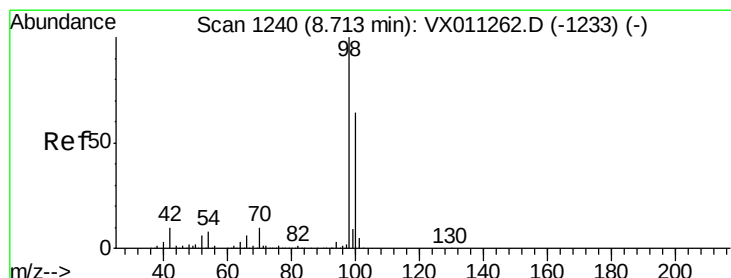
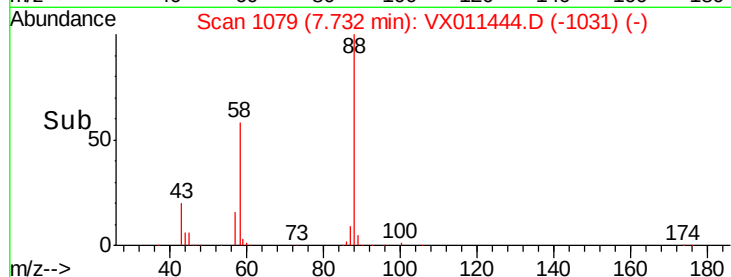
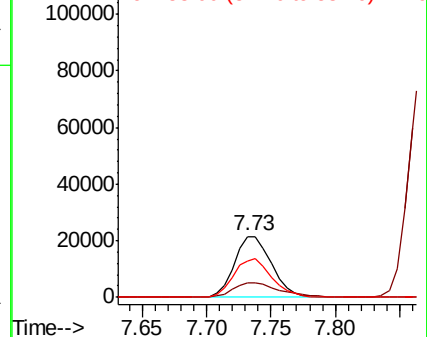
#49
 1,4-Dioxane
 Concen: 952.086 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 42987
 Ion Ratio Lower Upper
 88 100
 43 29.6 22.2 33.2
 58 66.0 47.8 71.8

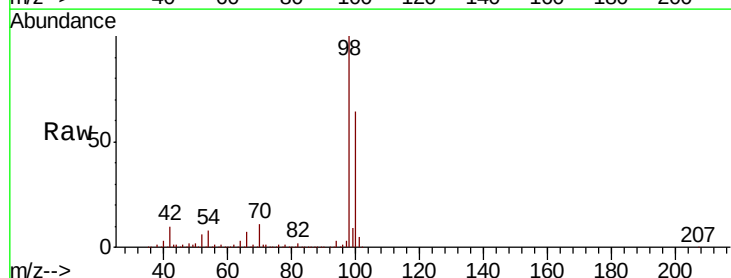


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

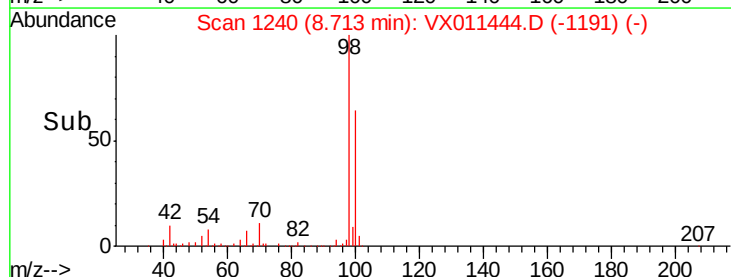
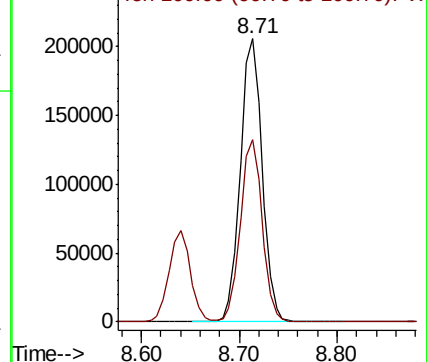


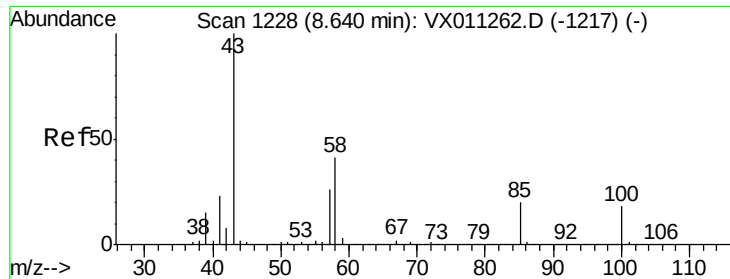
#50
 Toluene-d8
 Concen: 54.794 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion: 98 Resp: 319158
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 282.497 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

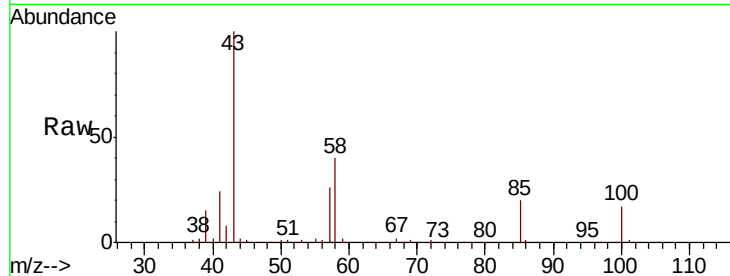
VSTDCCC050EC

Tgt Ion: 43 Resp: 603326

Ion Ratio Lower Upper

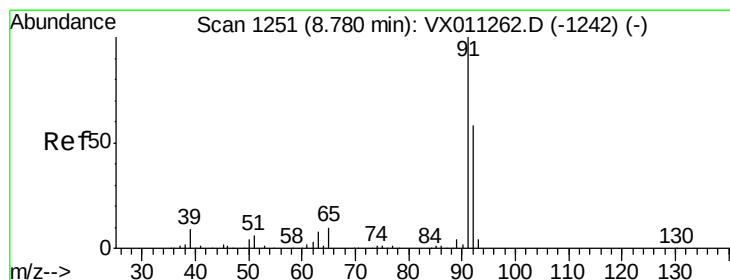
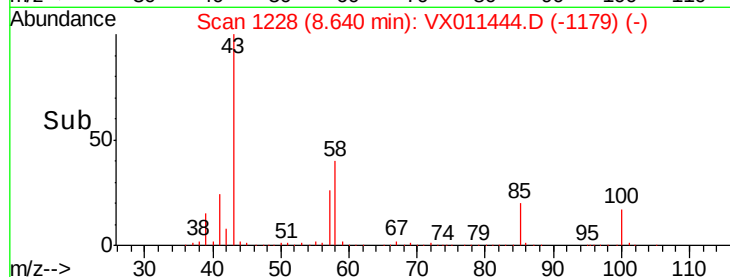
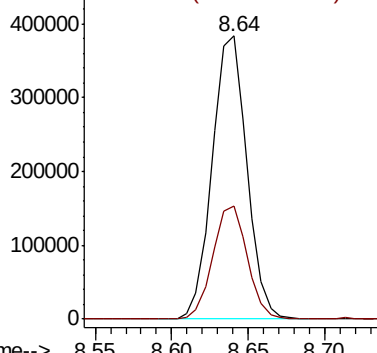
43 100

58 39.7 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.751 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011444.D

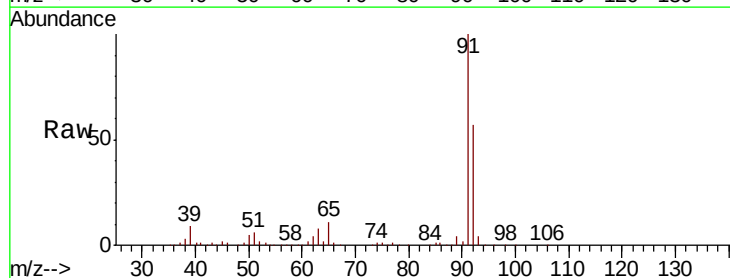
Acq: 11 Aug 2019 20:08

Tgt Ion: 92 Resp: 206625

Ion Ratio Lower Upper

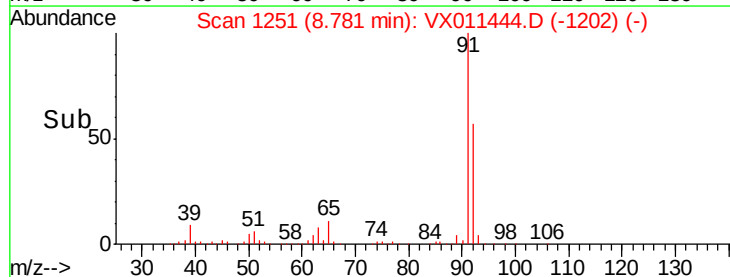
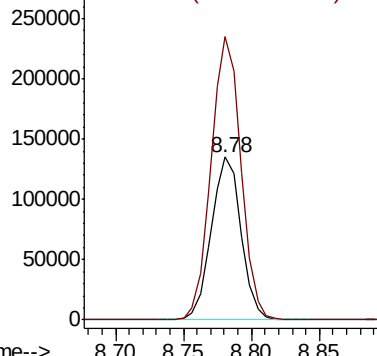
92 100

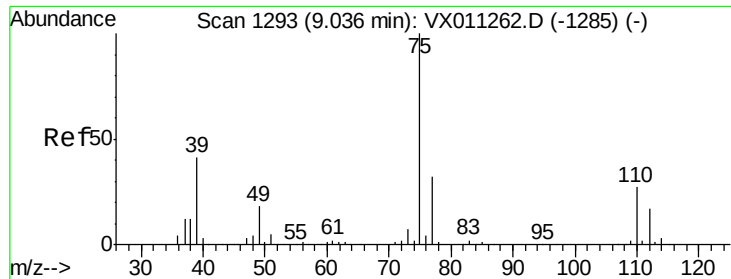
91 174.8 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

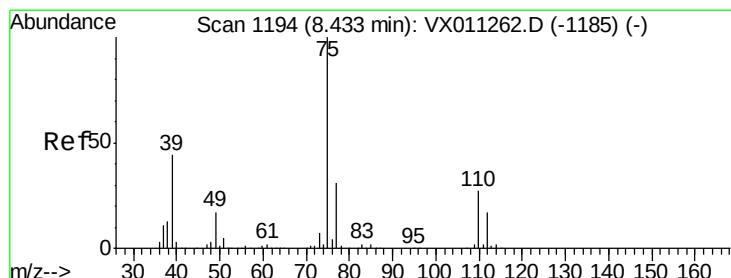
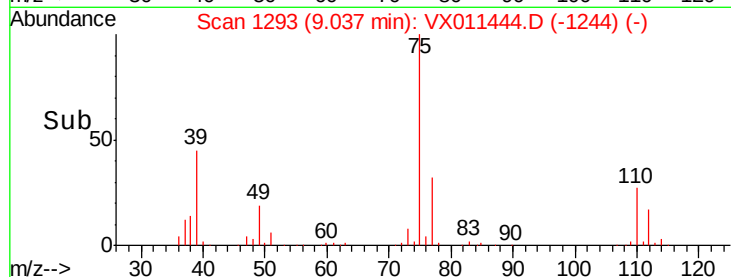
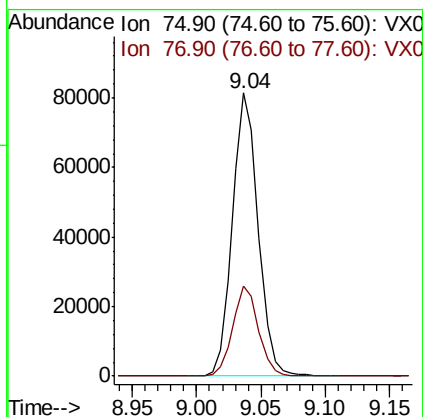
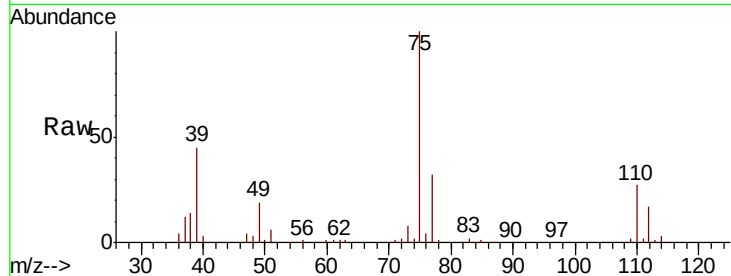




#53
 t-1,3-Dichloropropene
 Concen: 49.478 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

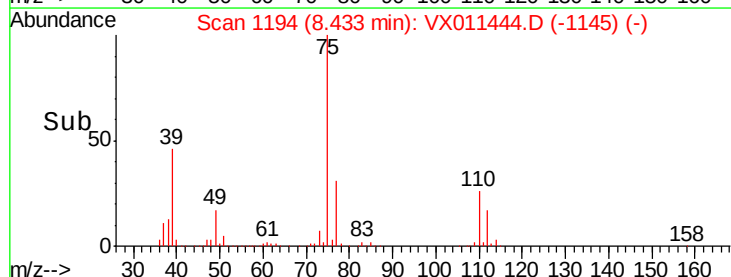
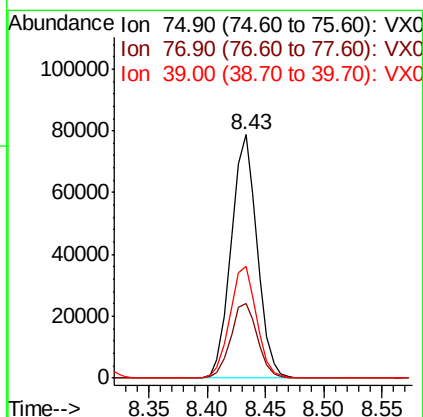
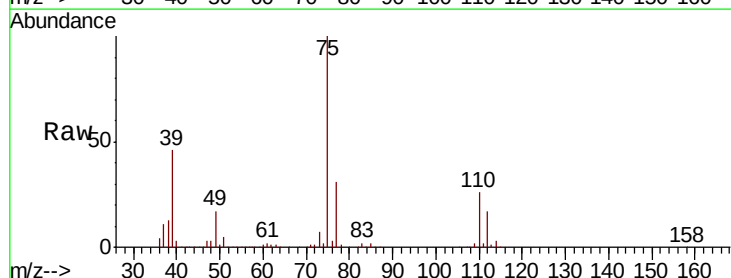
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

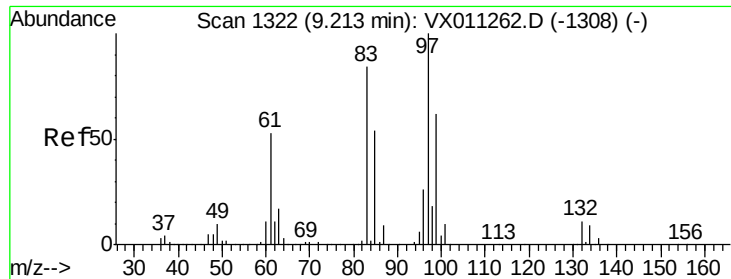
Tgt Ion: 75 Resp: 113506
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.220 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion: 75 Resp: 122537
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.6
 39 45.8 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 53.022 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 88756

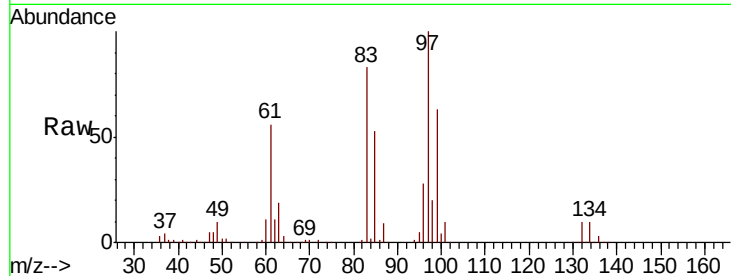
Ion Ratio Lower Upper

97 100

83 82.9 67.6 101.4

85 52.9 43.4 65.0

99 63.4 49.6 74.4

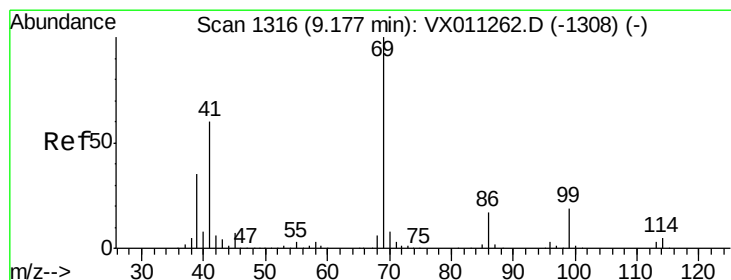
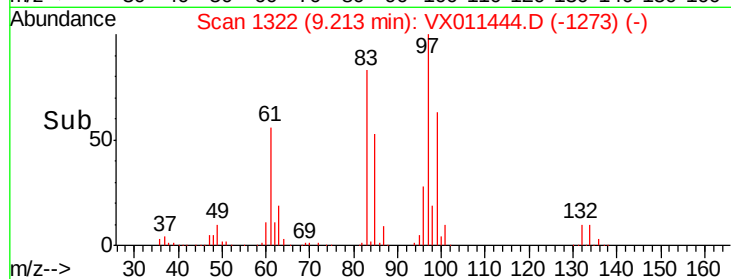
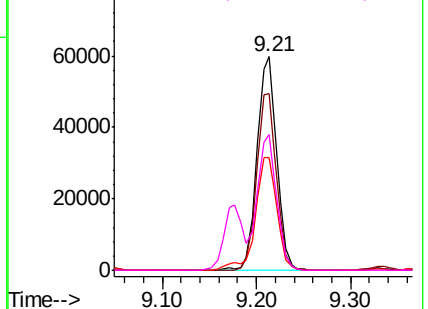


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 56.110 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

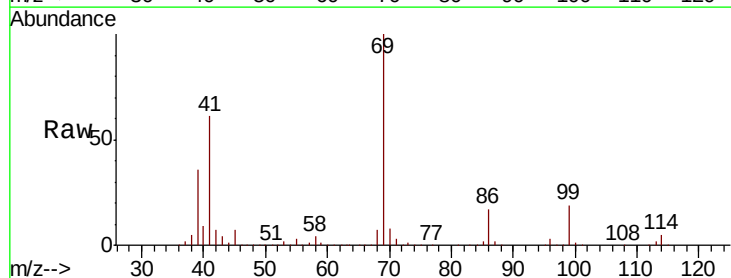
Tgt Ion: 69 Resp: 133851

Ion Ratio Lower Upper

69 100

41 63.3 48.6 73.0

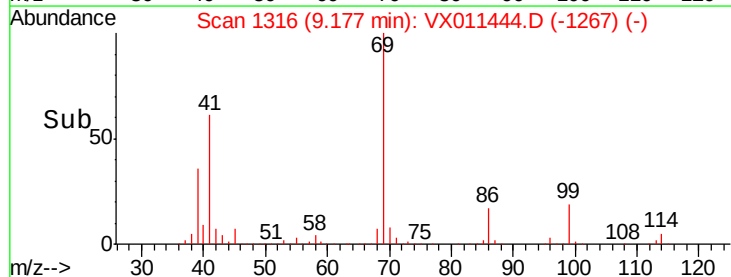
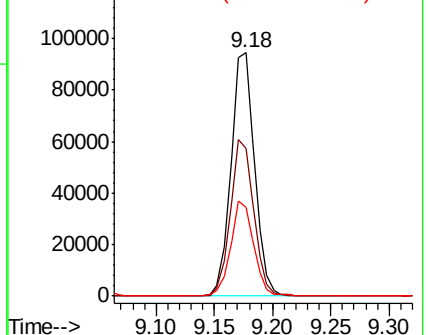
39 37.7 29.4 44.2

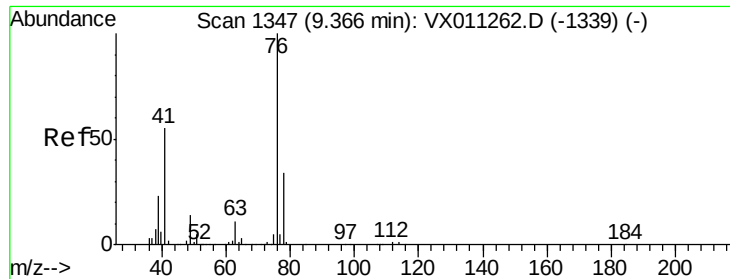


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

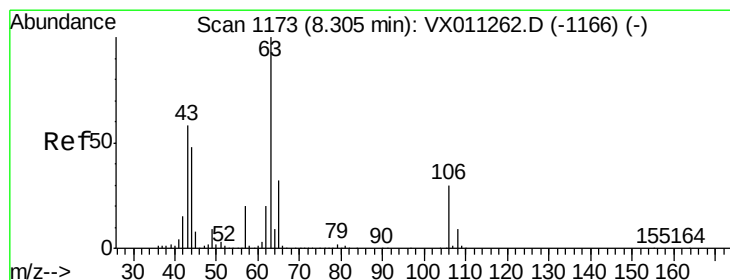
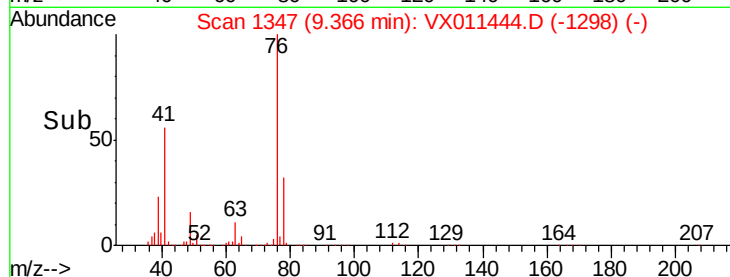
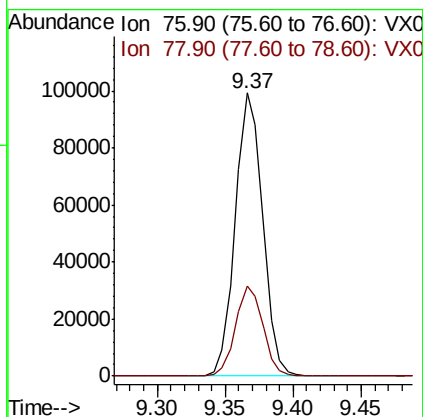
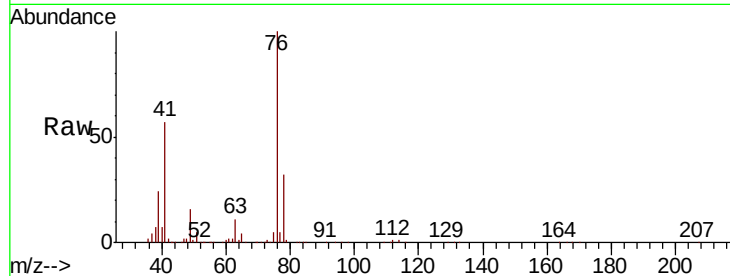




#57
 1,3-Dichloropropane
 Concen: 52.660 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

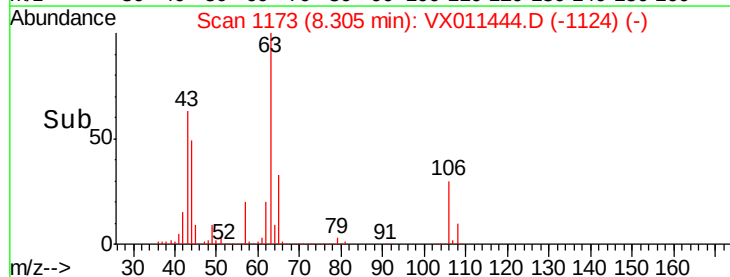
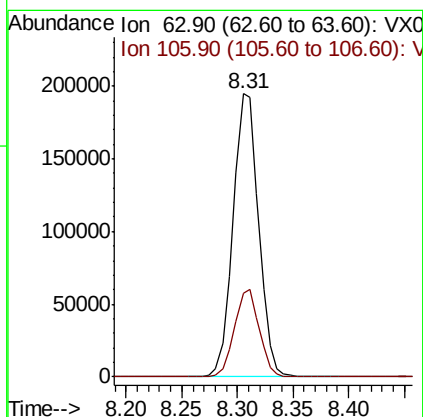
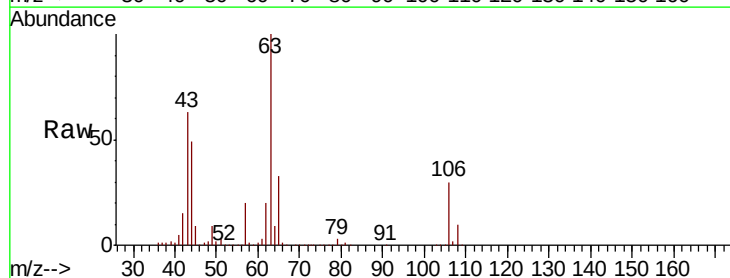
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

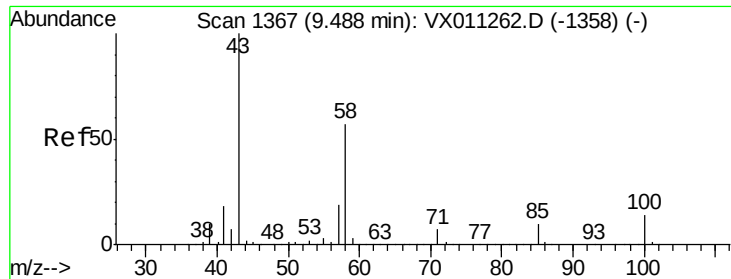
Tgt Ion: 76 Resp: 139409
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.568 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion: 63 Resp: 309145
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.4 36.6

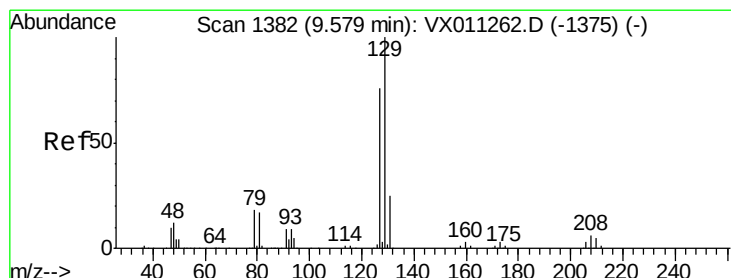
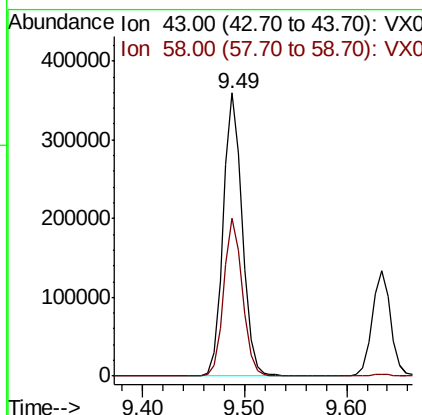
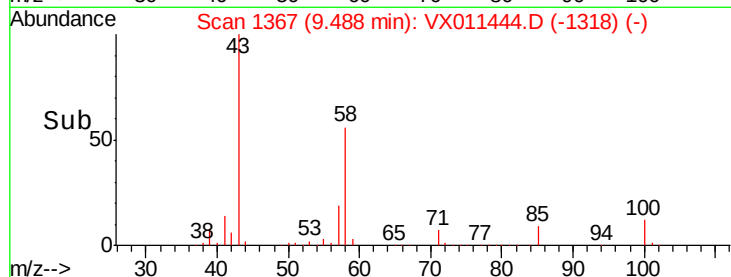
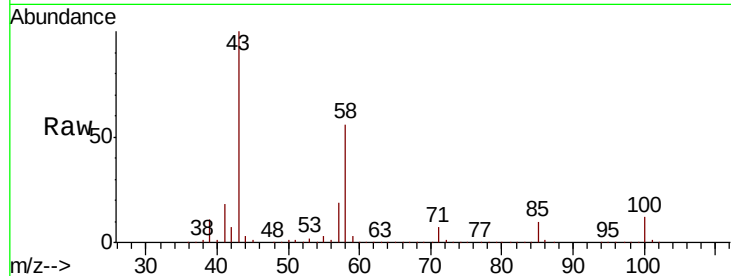




#59
2-Hexanone
Concen: 281.750 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

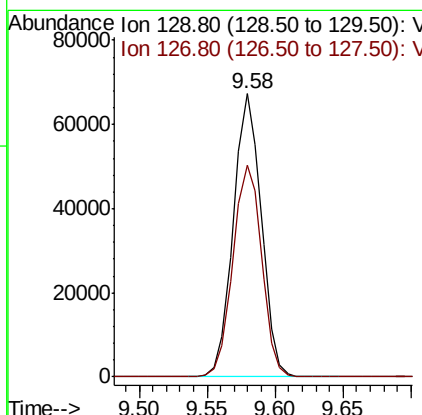
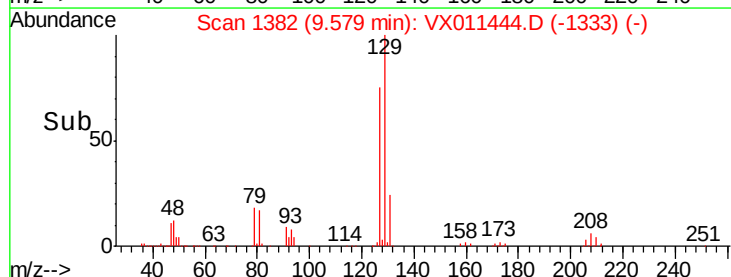
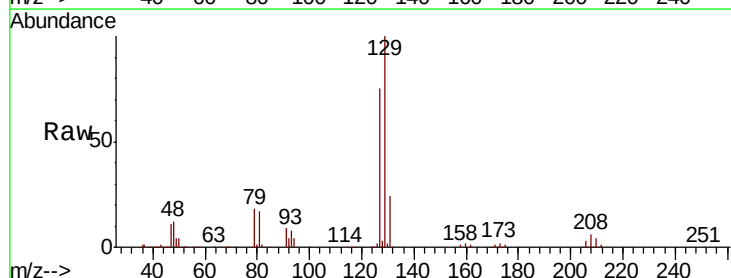
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

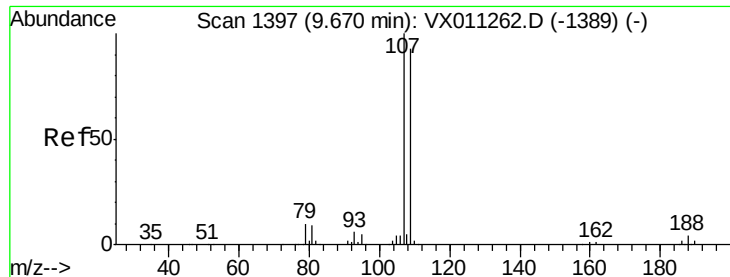
Tgt Ion: 43 Resp: 466080
Ion Ratio Lower Upper
43 100
58 54.8 28.2 84.6



#60
Dibromochloromethane
Concen: 56.235 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Tgt Ion: 129 Resp: 96376
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6





#61

1,2-Dibromoethane

Concen: 52.868 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

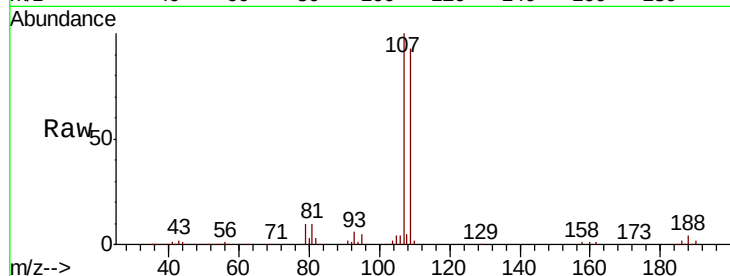
VSTDCCC050EC

Tgt Ion: 107 Resp: 95615

Ion Ratio Lower Upper

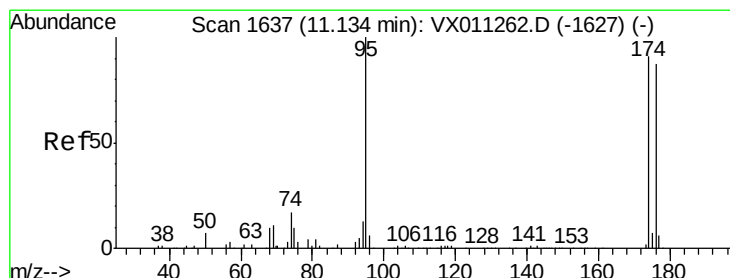
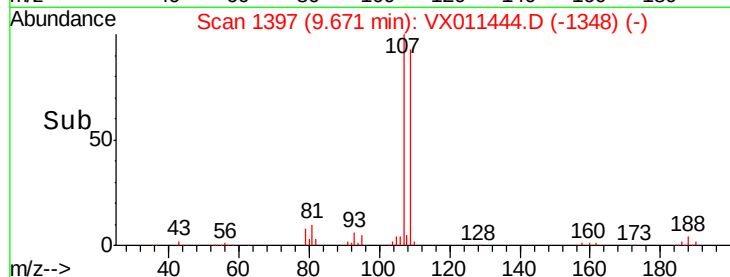
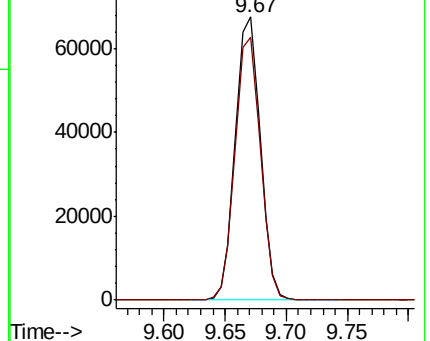
107 100

109 94.5 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 57.832 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

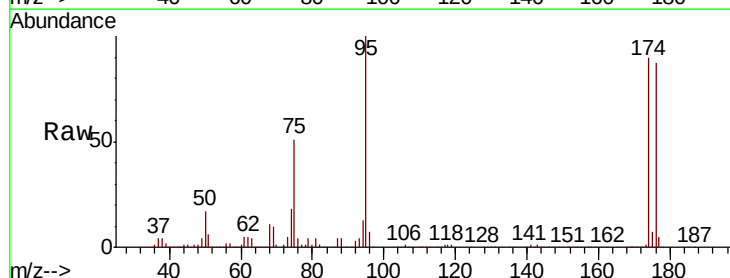
Tgt Ion: 95 Resp: 120266

Ion Ratio Lower Upper

95 100

174 90.1 0.0 191.2

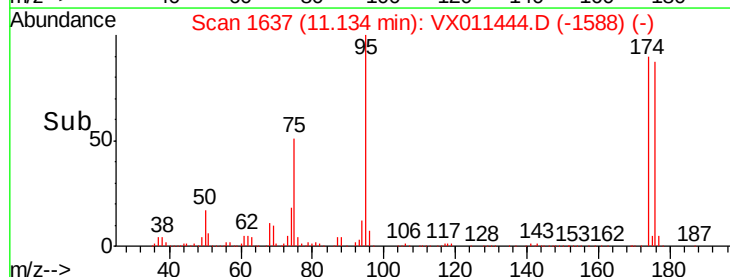
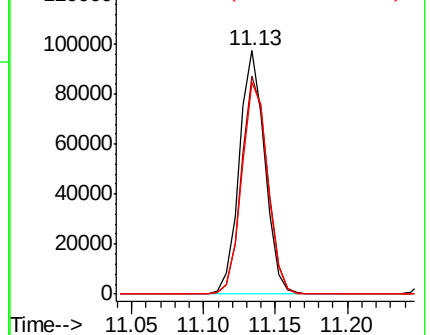
176 88.2 0.0 184.8

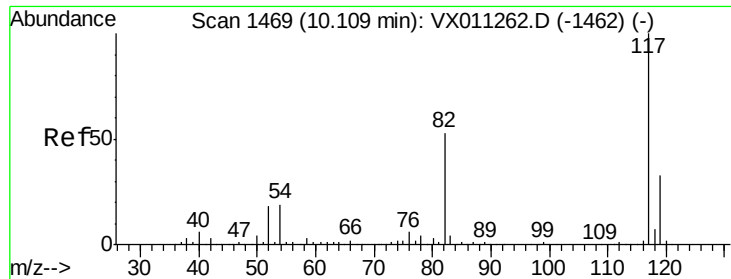


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

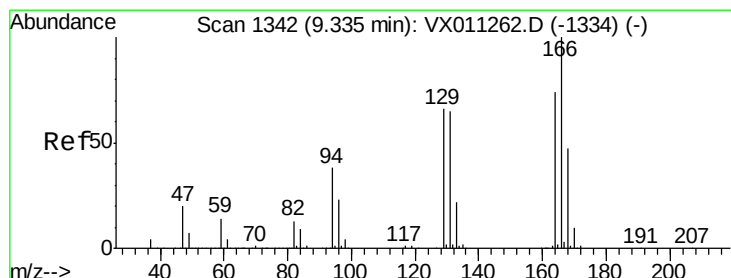
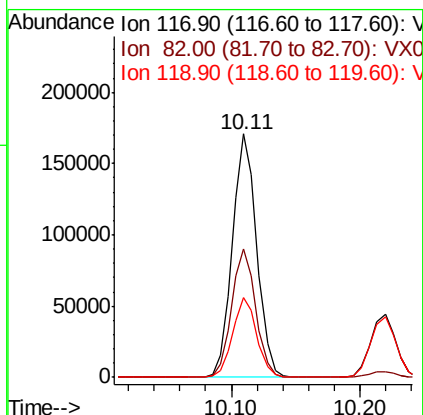
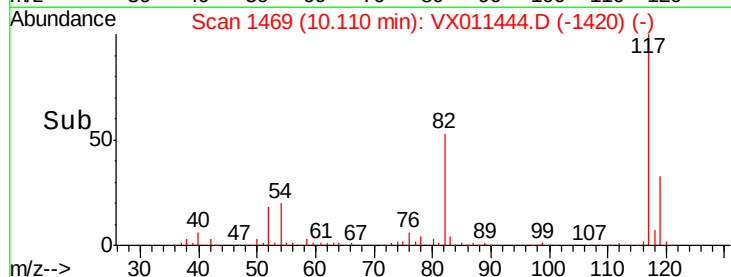
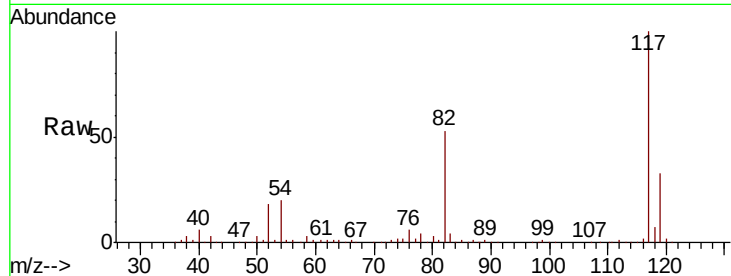




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

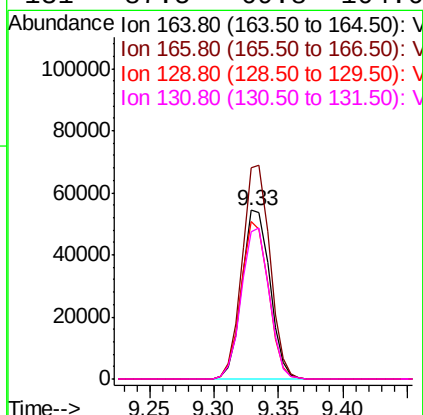
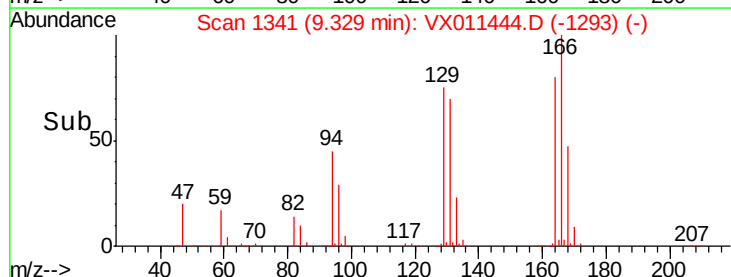
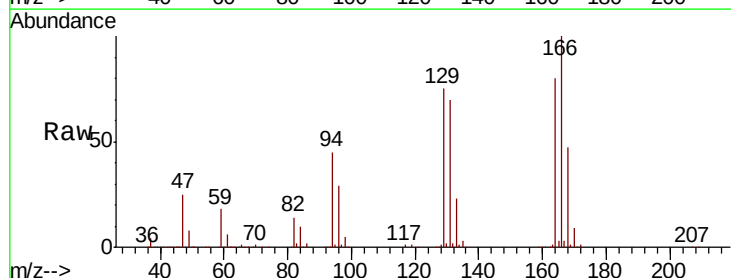
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

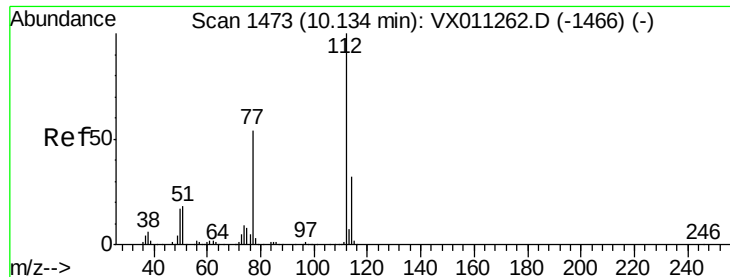
Tgt Ion:117 Resp: 225414
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.2
119 32.6 26.6 39.8



#64
Tetrachloroethene
Concen: 42.602 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Tgt Ion:164 Resp: 81554
Ion Ratio Lower Upper
164 100
166 124.8 107.5 161.3
129 93.6 71.0 106.4
131 87.5 69.8 104.6

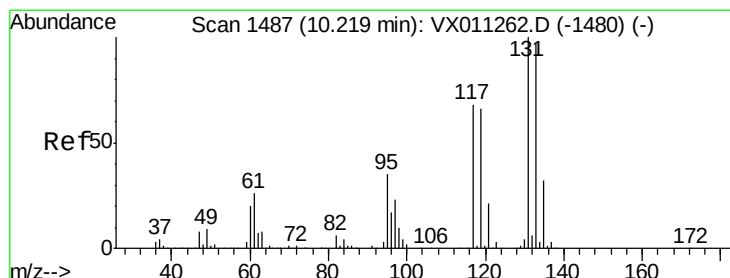
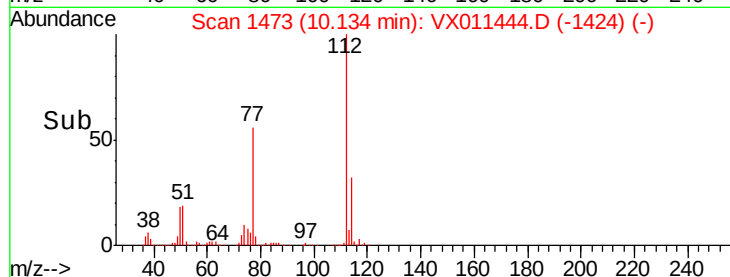
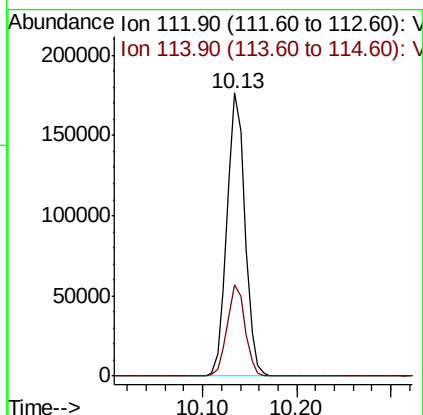
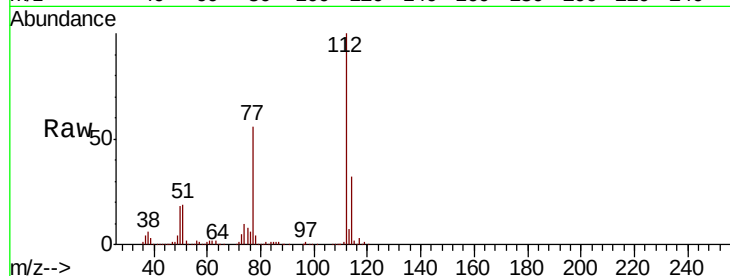




#65
Chlorobenzene
Concen: 48.539 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

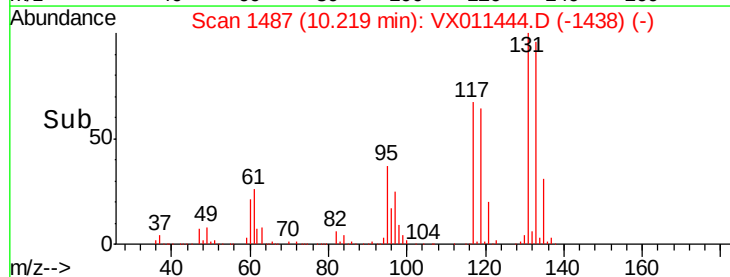
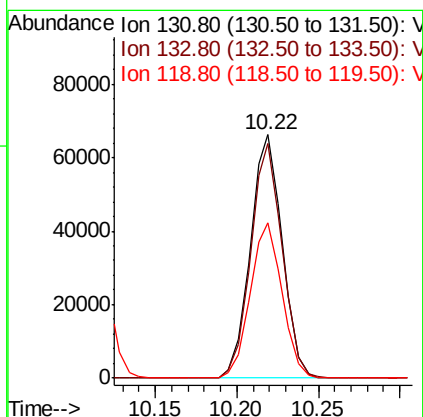
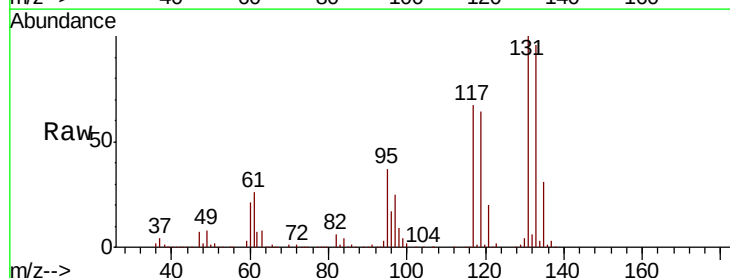
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

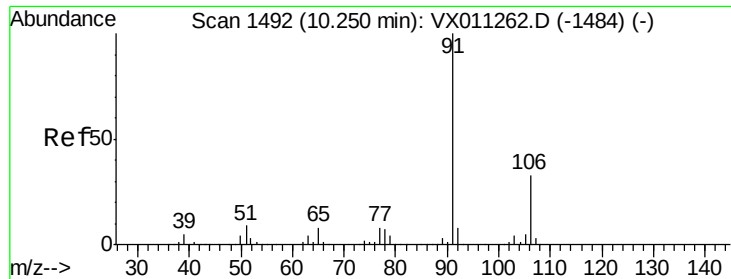
Tgt Ion:112 Resp: 234599
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.301 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Tgt Ion:131 Resp: 89850
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 63.8 32.8 98.3

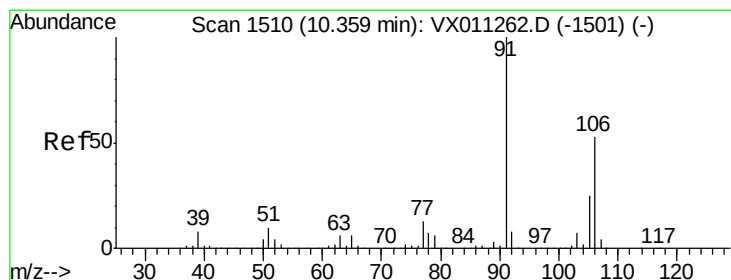
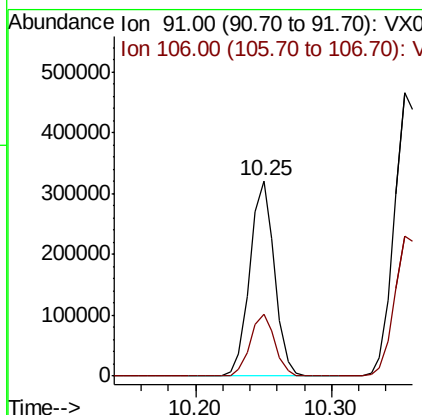
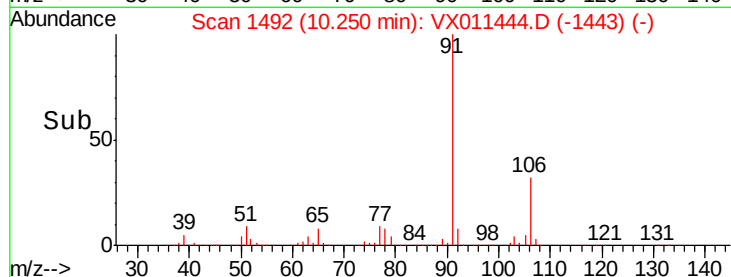
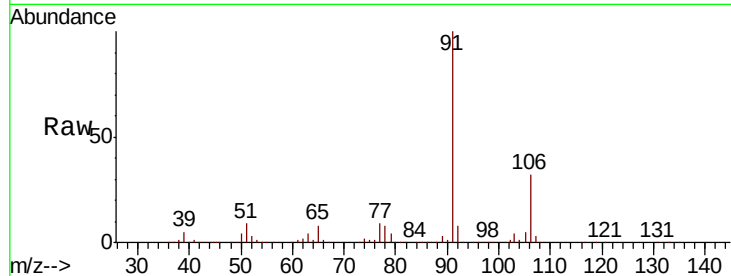




#67
Ethyl Benzene
Concen: 50.527 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

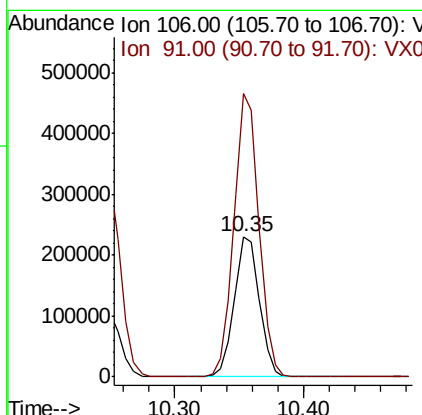
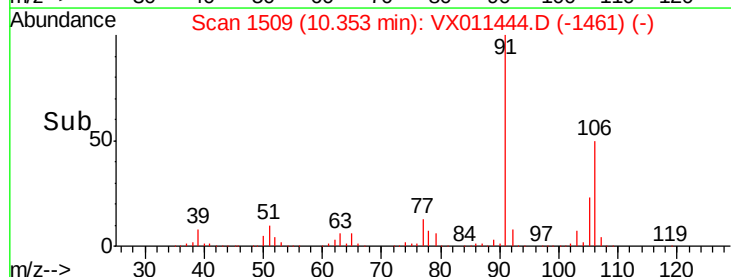
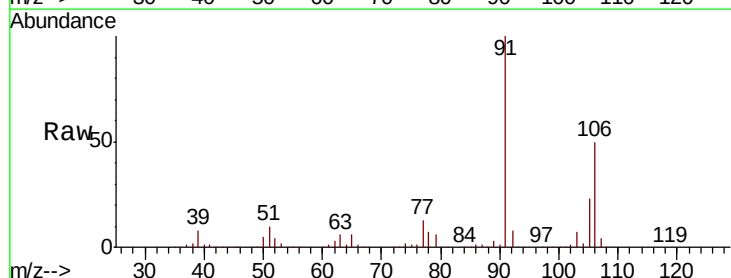
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

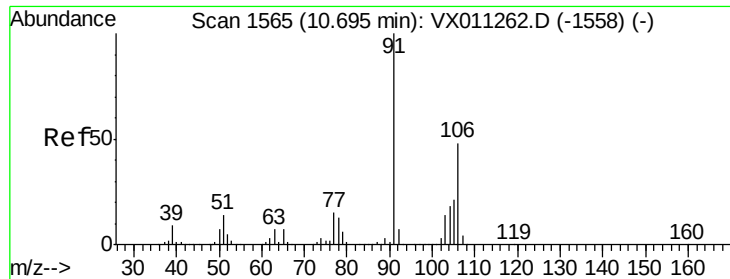
Tgt Ion: 91 Resp: 408980
Ion Ratio Lower Upper
91 100
106 31.9 26.2 39.4



#68
m/p-Xylenes
Concen: 100.168 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Tgt Ion: 106 Resp: 313615
Ion Ratio Lower Upper
106 100
91 200.6 155.9 233.9

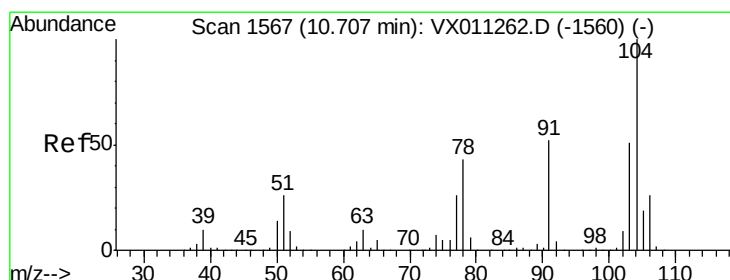
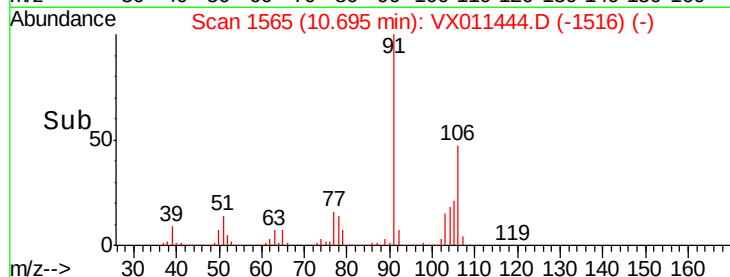
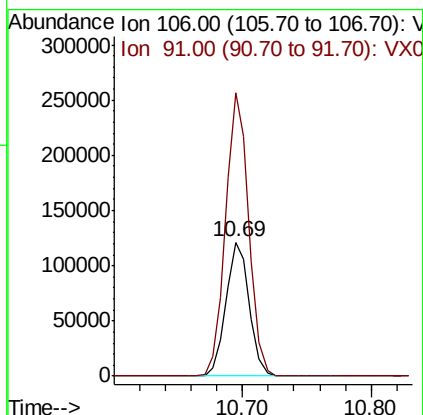
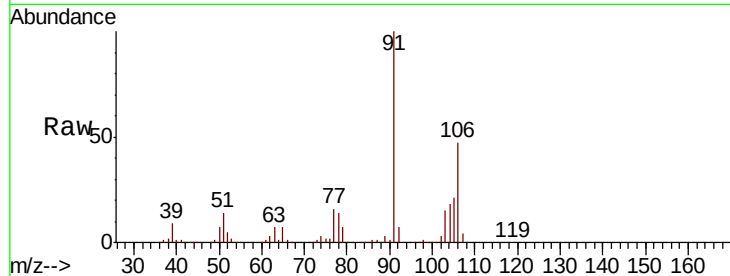




#69
o-Xylene
Concen: 50.160 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

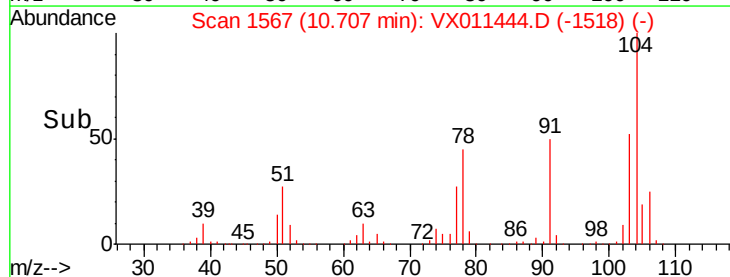
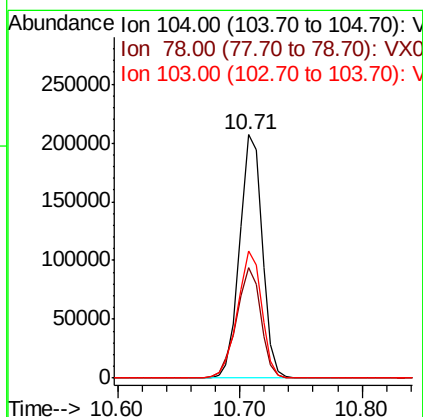
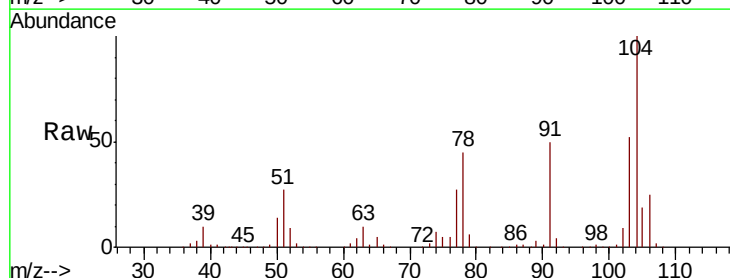
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

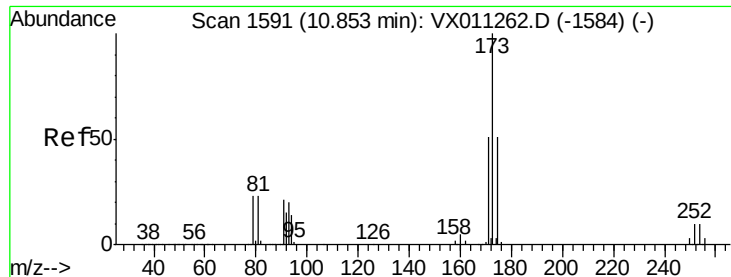
Tgt Ion:106 Resp: 154303
Ion Ratio Lower Upper
106 100
91 210.7 103.8 311.3



#70
Styrene
Concen: 52.141 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Tgt Ion:104 Resp: 265397
Ion Ratio Lower Upper
104 100
78 49.0 36.9 55.3
103 56.0 44.4 66.6





#71

Bromoform

Concen: 49.554 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

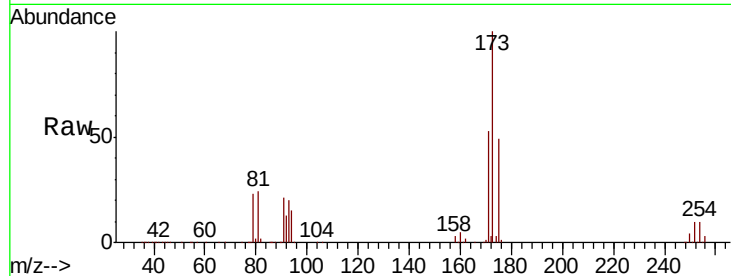
Tgt Ion:173 Resp: 73274

Ion Ratio Lower Upper

173 100

175 48.5 24.4 73.4

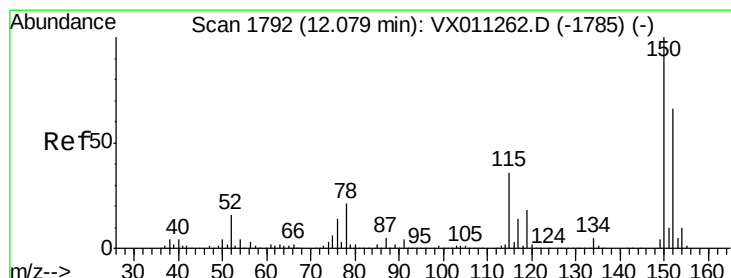
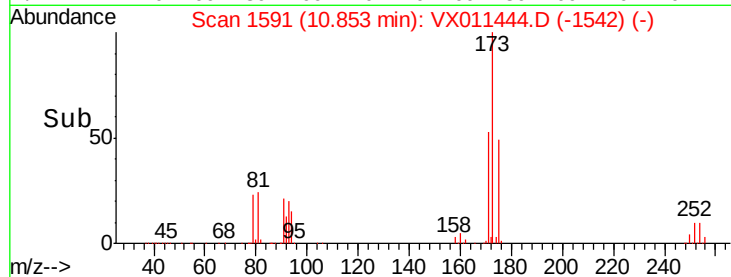
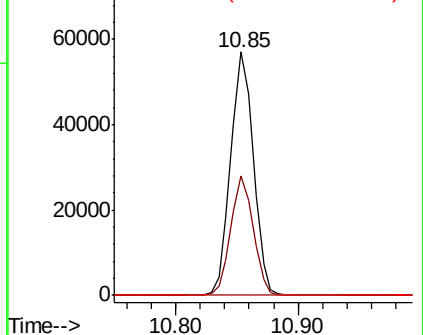
254 0.1 0.2 0.2#



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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

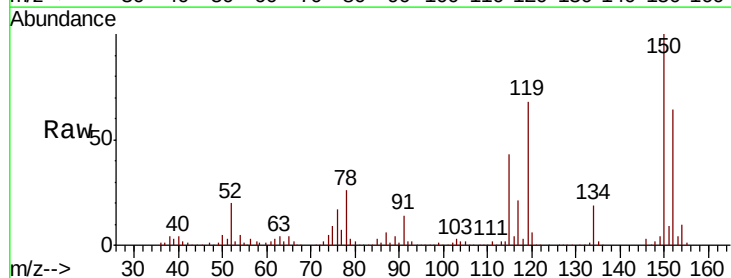
Tgt Ion:152 Resp: 120132

Ion Ratio Lower Upper

152 100

115 81.7 40.0 119.9

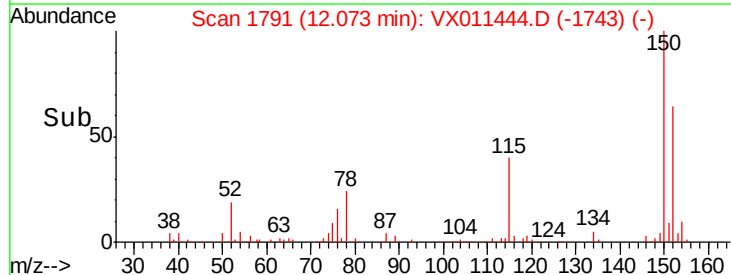
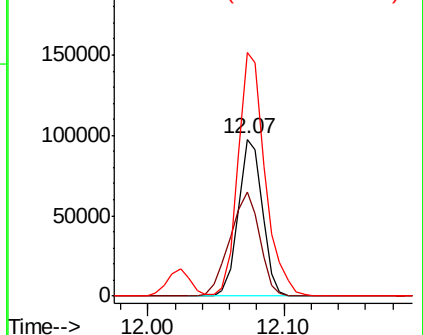
150 173.6 0.0 350.4

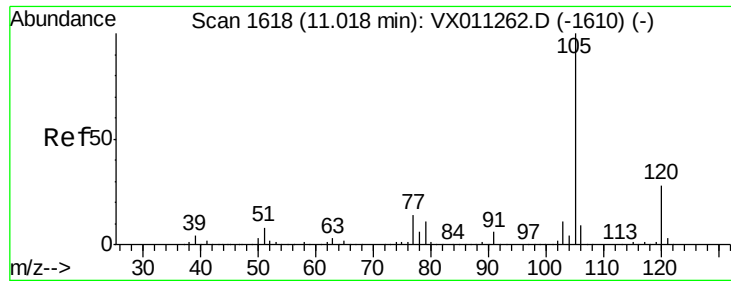


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

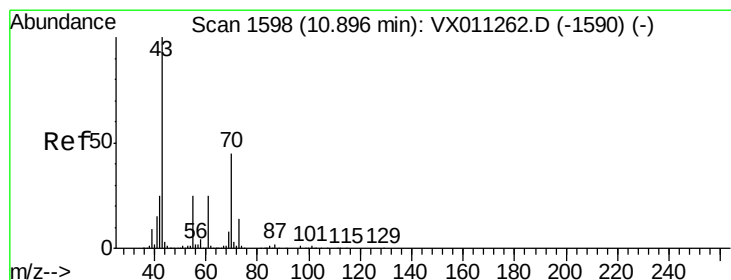
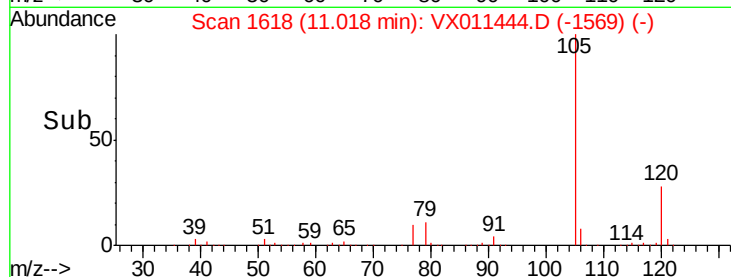
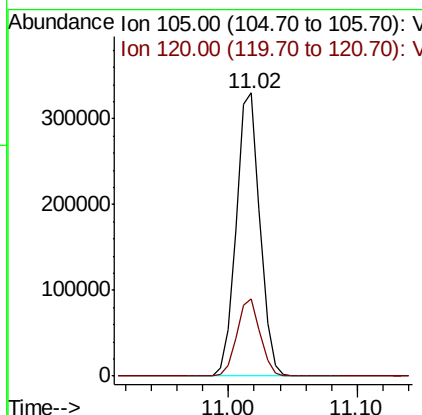
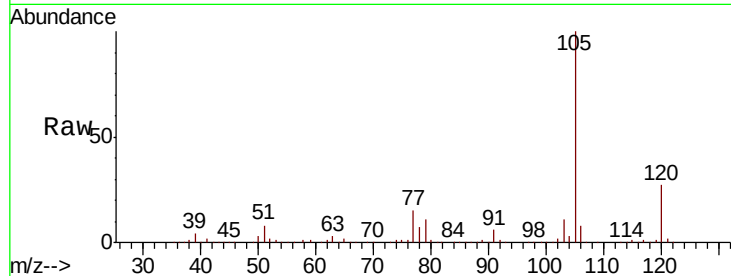




#73
Isopropylbenzene
Concen: 51.282 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

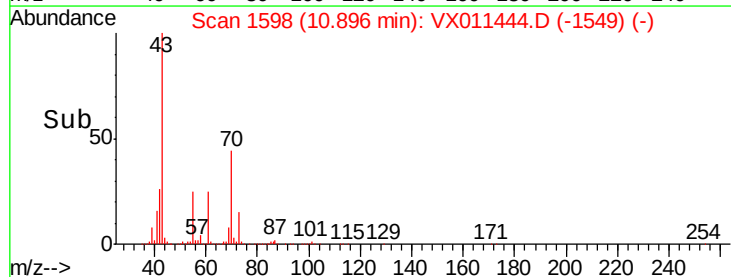
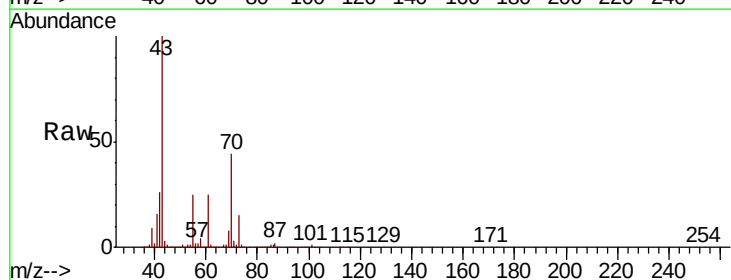
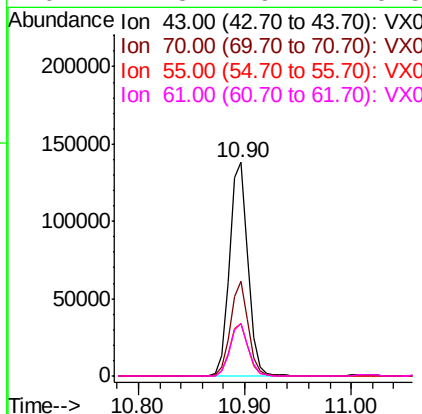
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

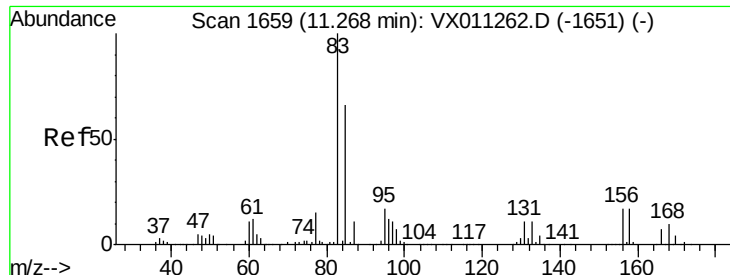
Tgt Ion:105 Resp: 421340
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.1



#74
N-ethyl acetate
Concen: 56.395 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Tgt Ion: 43 Resp: 167424
Ion Ratio Lower Upper
43 100
70 42.7 35.9 53.9
55 24.7 19.8 29.6
61 24.3 19.7 29.5

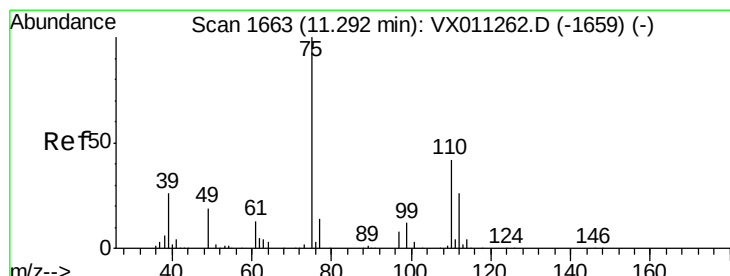
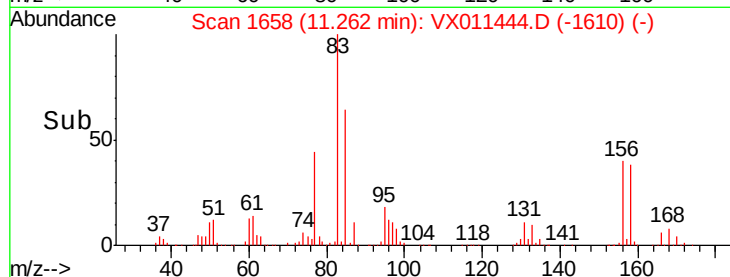
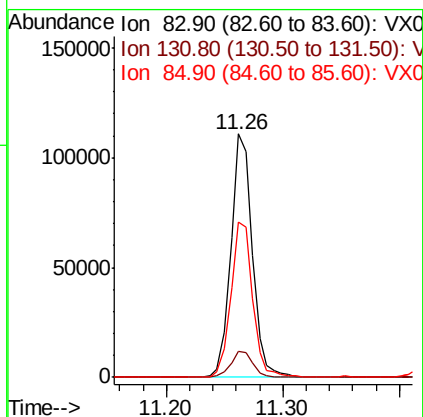
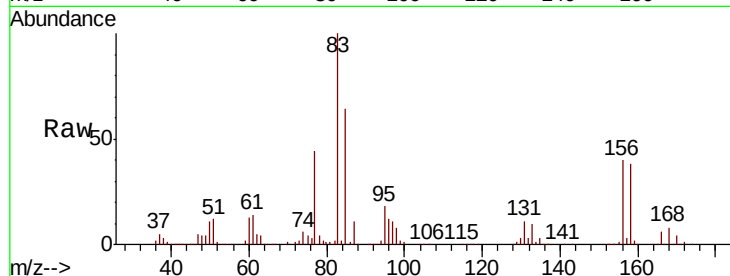




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.923 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

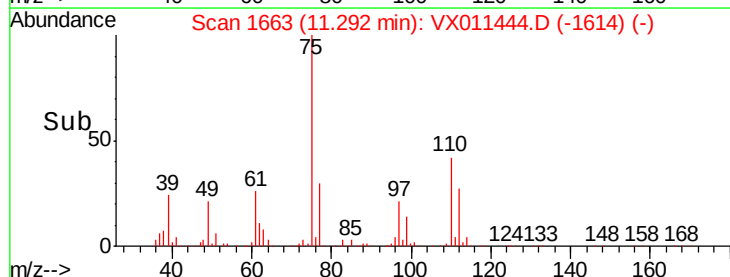
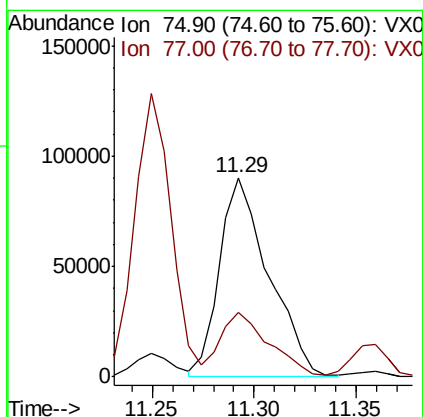
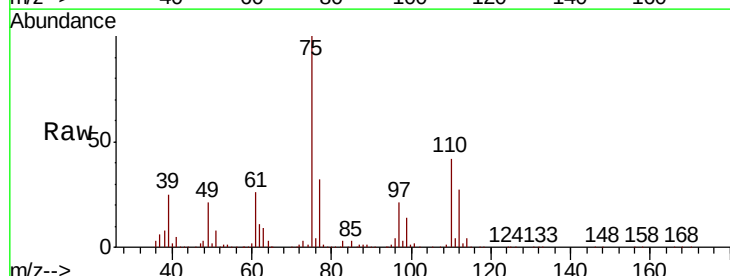
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

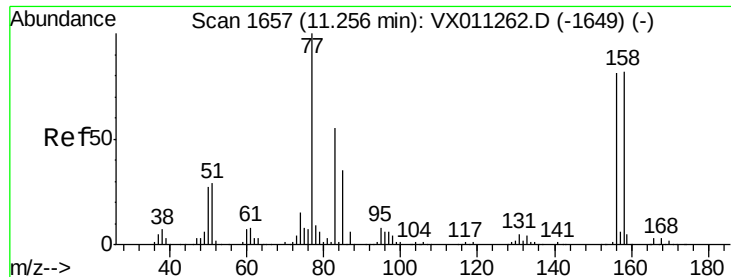
Tgt Ion: 83 Resp: 142167
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.6 16.8
 85 64.9 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 69.171 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion: 75 Resp: 151328
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.1 63.4





#77

Bromobenzene

Concen: 49.627 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

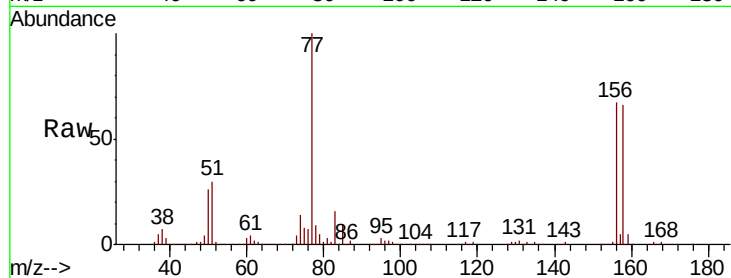
Tgt Ion:156 Resp: 113065

Ion Ratio Lower Upper

156 100

77 141.8 66.2 198.6

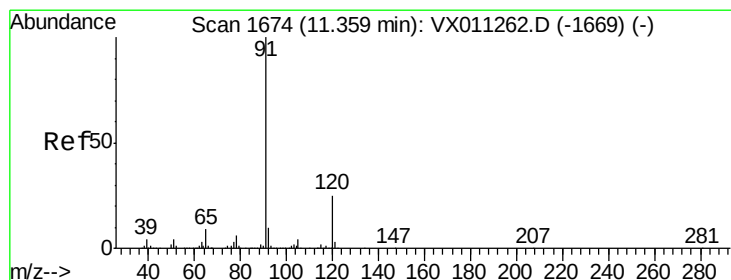
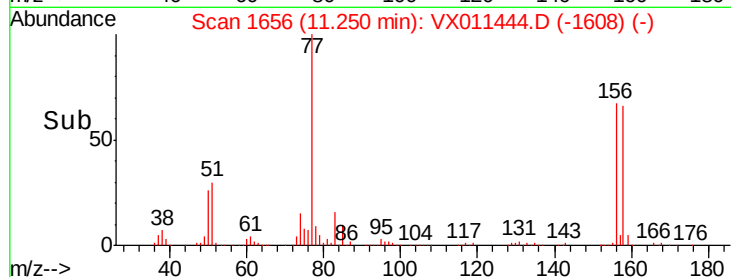
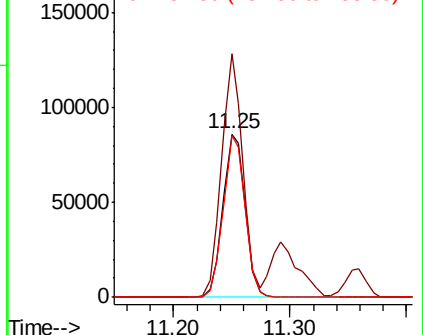
158 97.0 49.1 147.3



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: 50.906 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011444.D

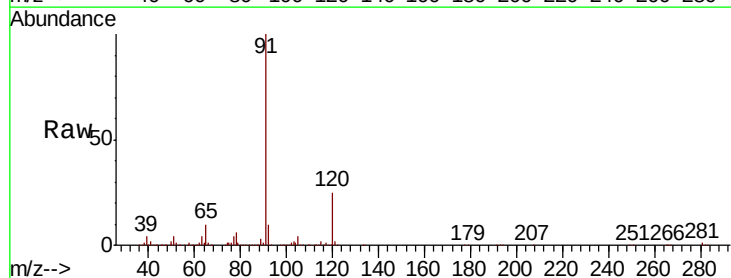
Acq: 11 Aug 2019 20:08

Tgt Ion: 91 Resp: 465121

Ion Ratio Lower Upper

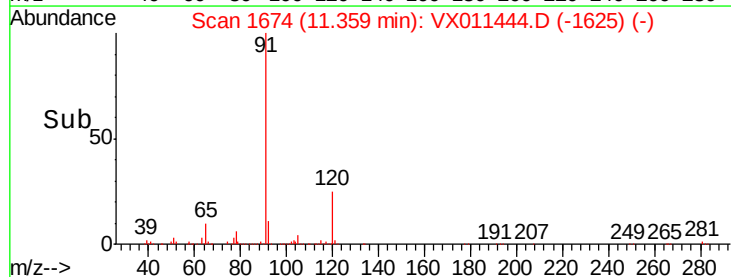
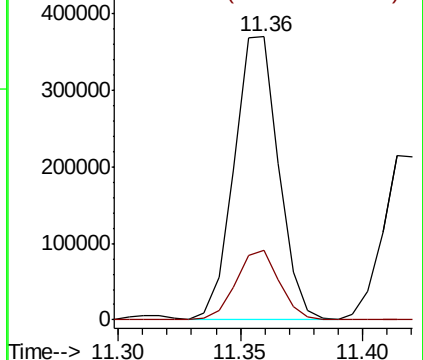
91 100

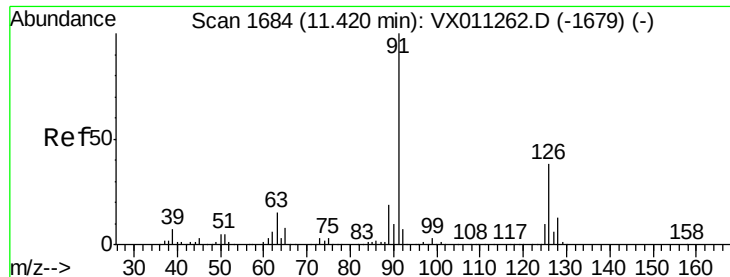
120 24.3 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.027 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

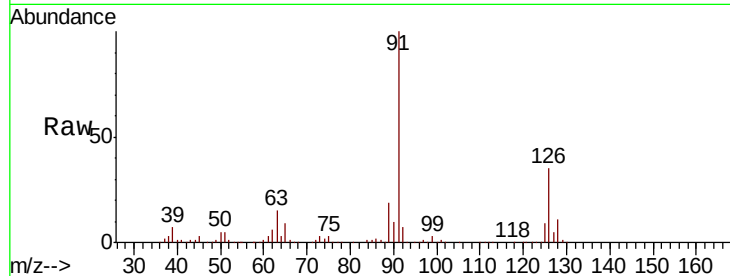
VSTDCCC050EC

Tgt Ion: 91 Resp: 277887

Ion Ratio Lower Upper

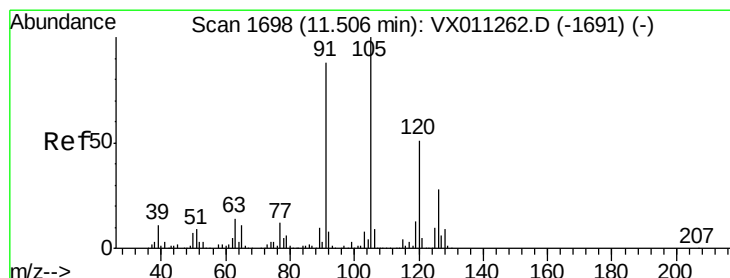
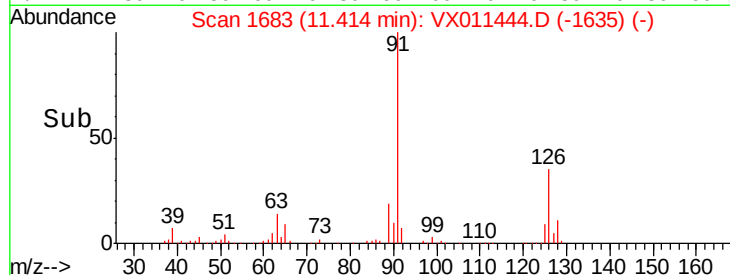
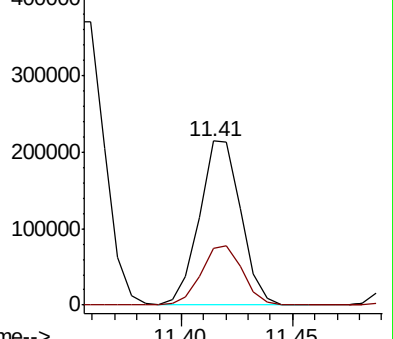
91 100

126 36.4 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.996 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011444.D

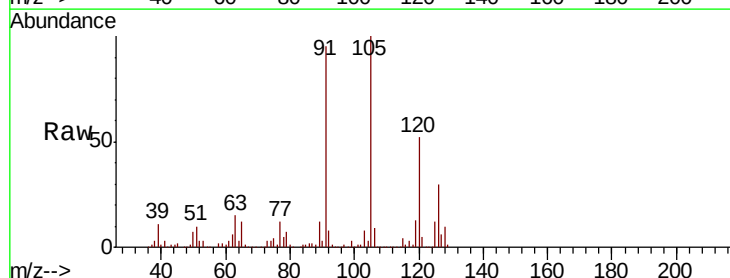
Acq: 11 Aug 2019 20:08

Tgt Ion: 105 Resp: 350741

Ion Ratio Lower Upper

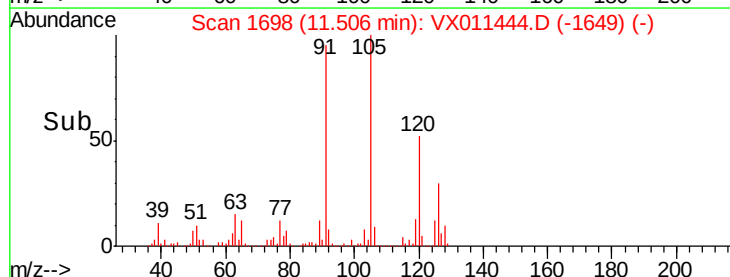
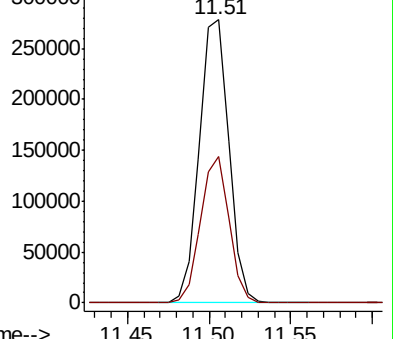
105 100

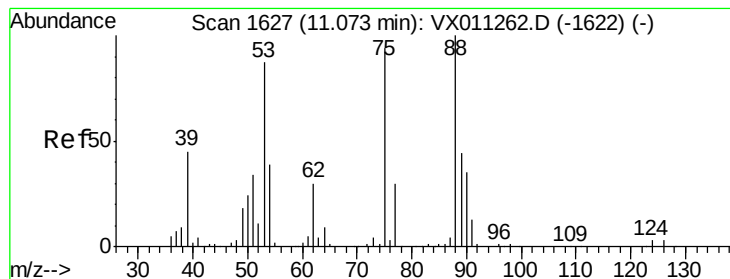
120 50.0 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.699 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

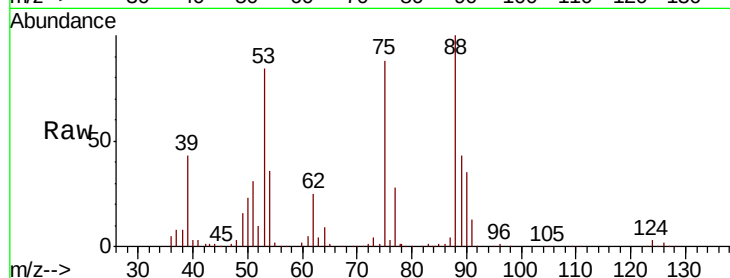
Tgt Ion: 75 Resp: 37991

Ion Ratio Lower Upper

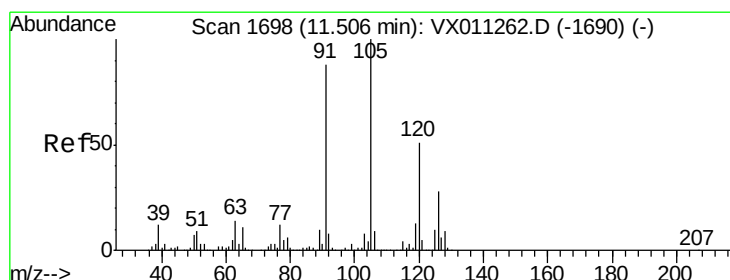
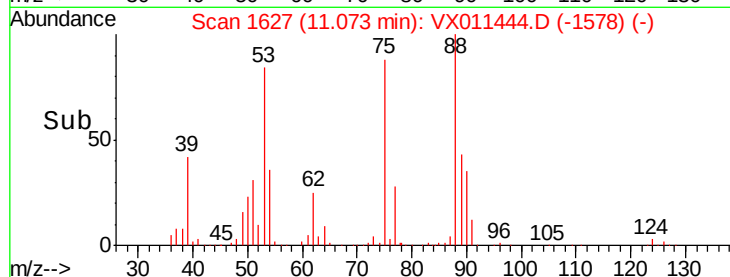
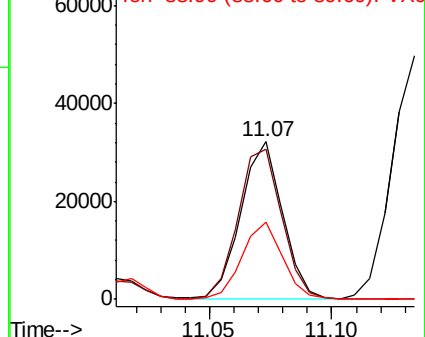
75 100

53 100.7 78.2 117.4

89 48.2 37.9 56.9



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



#82

4-Chlorotoluene

Concen: 51.528 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011444.D

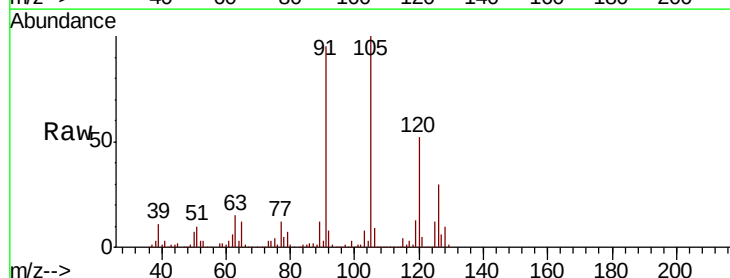
Acq: 11 Aug 2019 20:08

Tgt Ion: 91 Resp: 327038

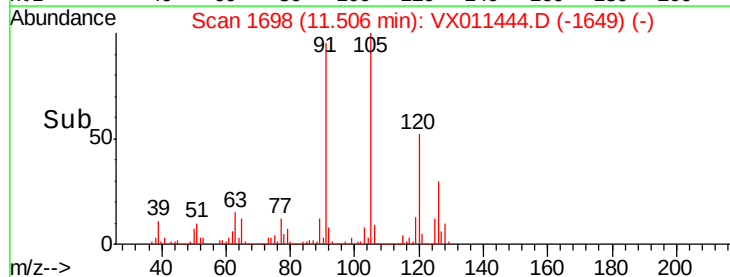
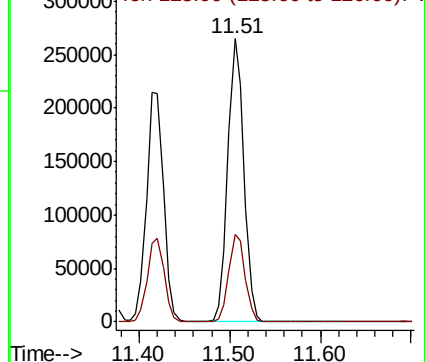
Ion Ratio Lower Upper

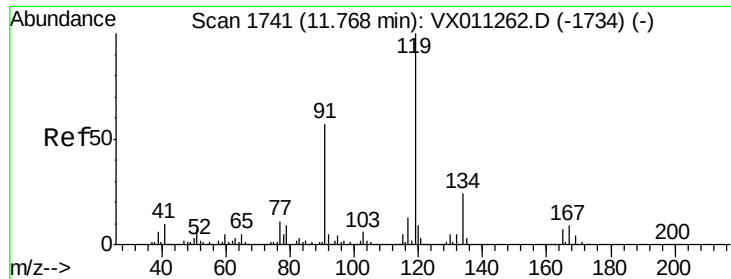
91 100

126 31.3 16.4 49.2



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

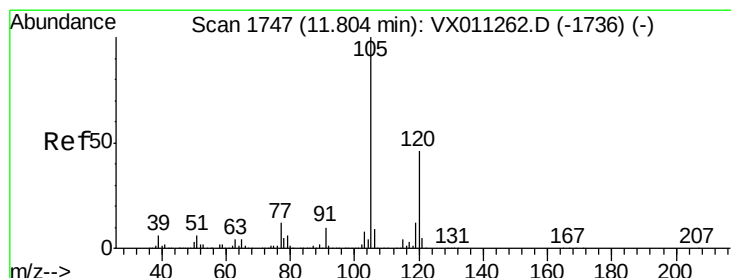
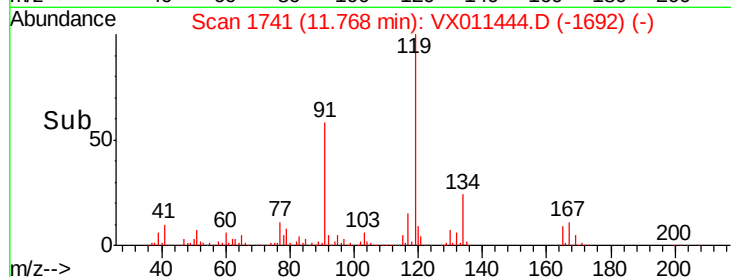
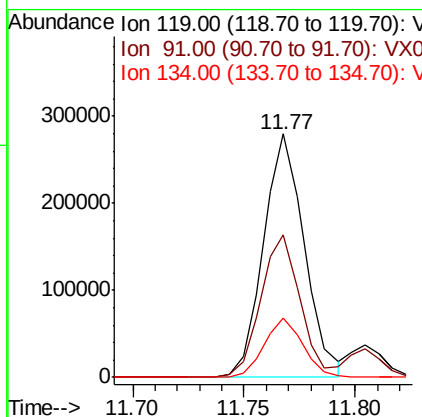
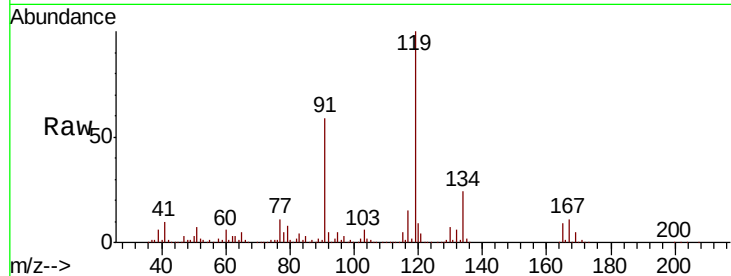




#83
 tert-Butylbenzene
 Concen: 52.814 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

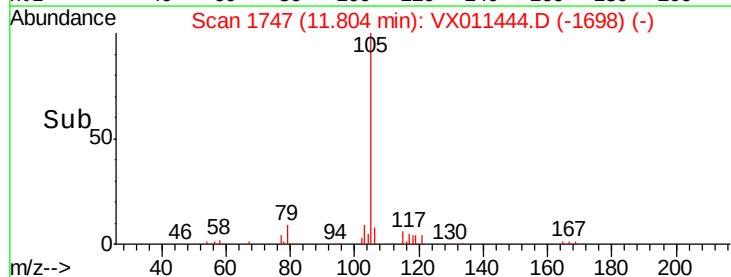
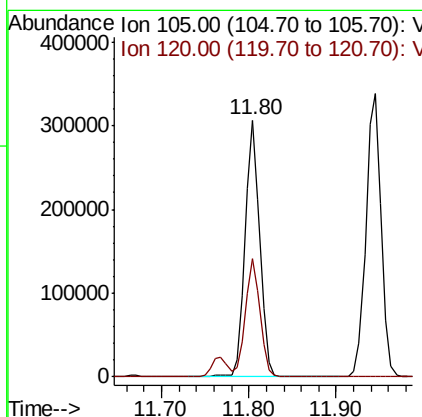
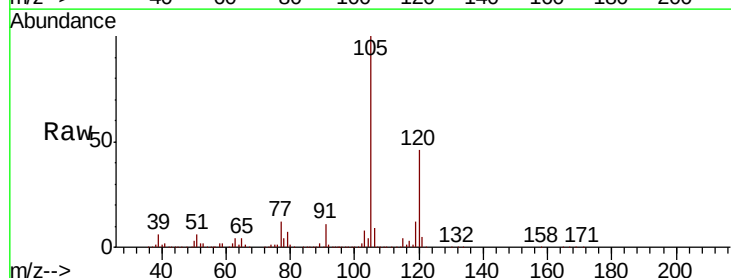
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

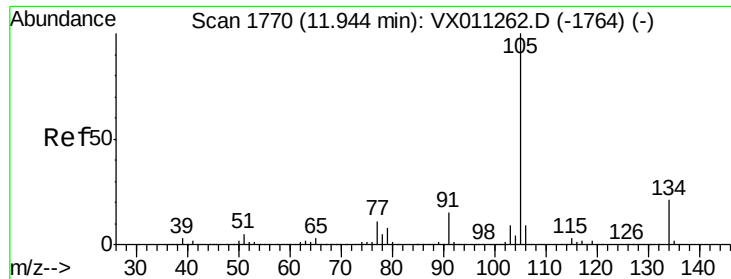
Tgt Ion:119 Resp: 356265
 Ion Ratio Lower Upper
 119 100
 91 57.1 28.0 84.0
 134 23.2 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.979 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion:105 Resp: 355941
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 50.746 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

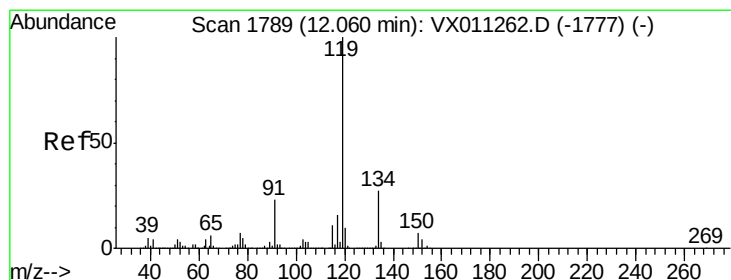
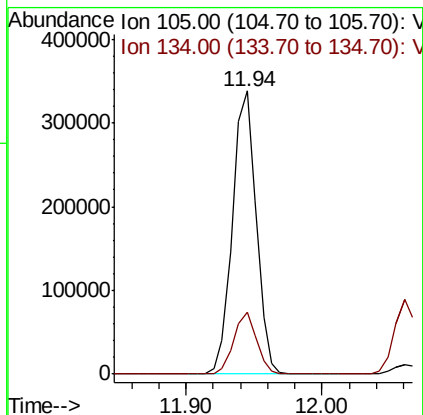
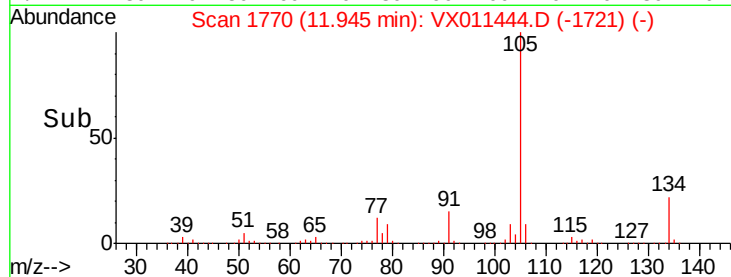
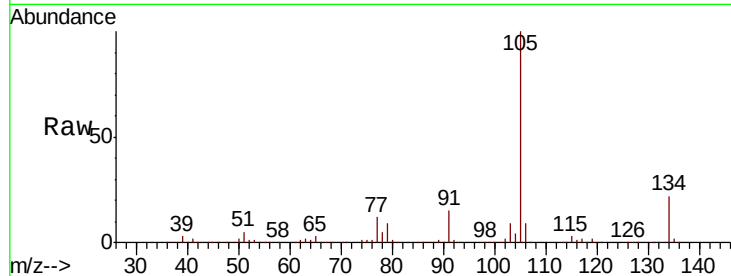
VSTDCCC050EC

Tgt Ion:105 Resp: 411272

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.4



#86

p-Isopropyltoluene

Concen: 51.327 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011444.D

Acq: 11 Aug 2019 20:08

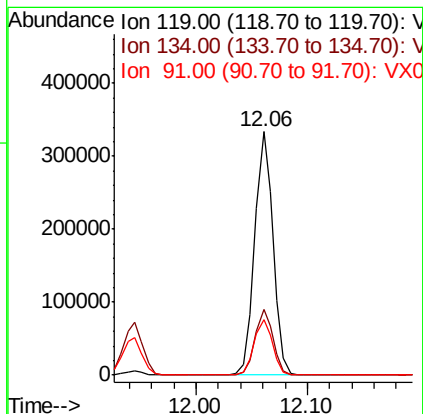
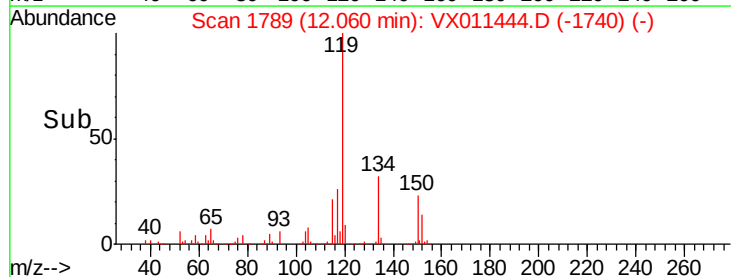
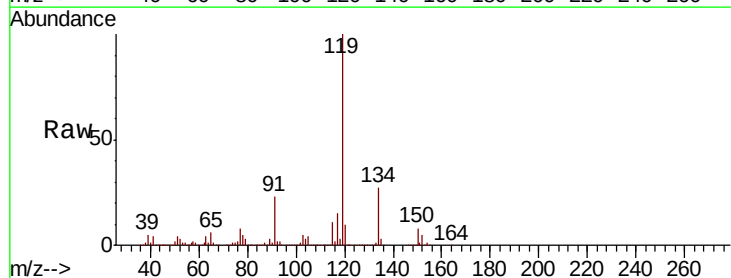
Tgt Ion:119 Resp: 382687

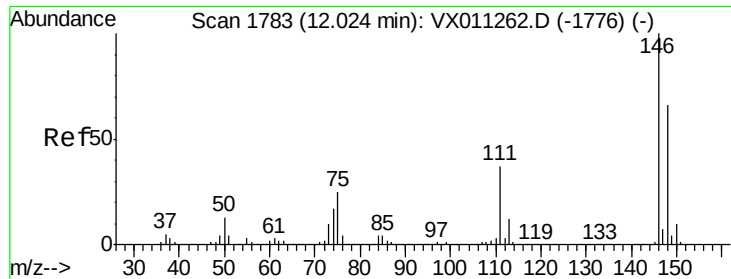
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.0

91 23.1 11.4 34.2

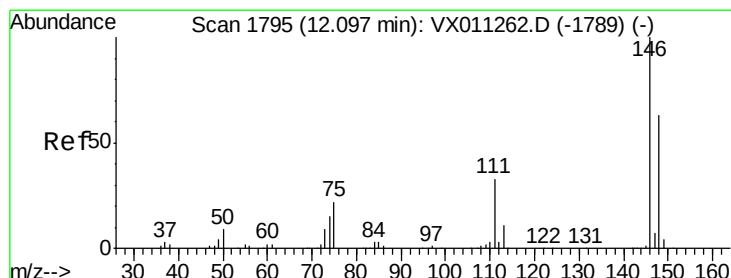
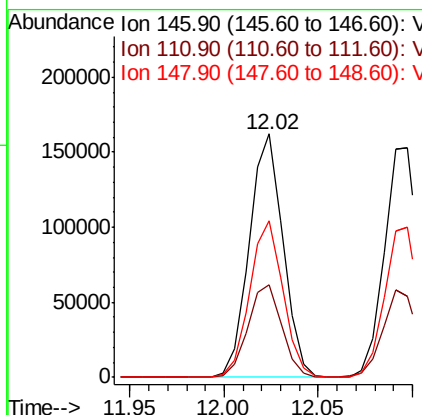
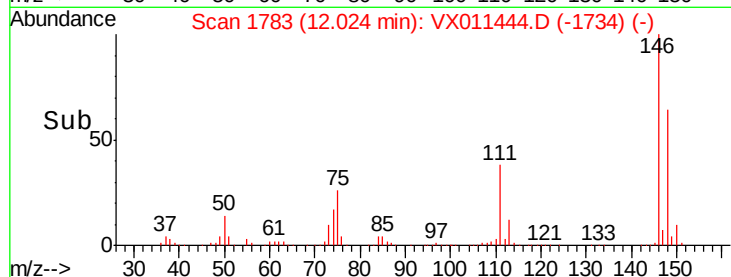
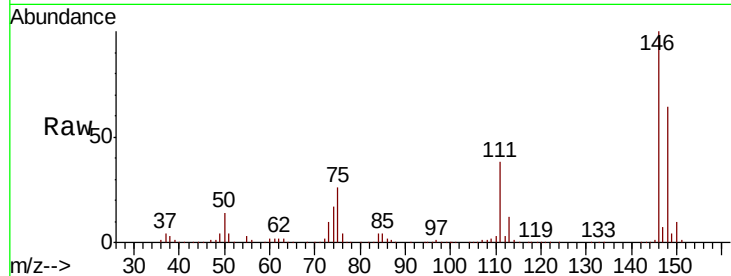




#87
 1,3-Dichlorobenzene
 Concen: 50.050 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

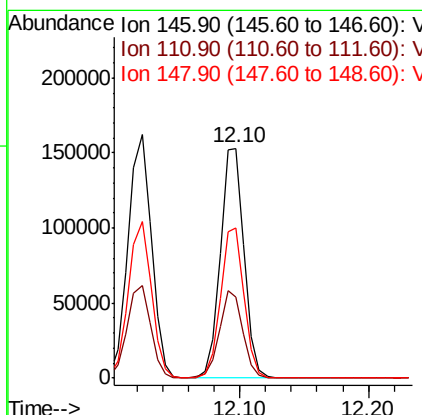
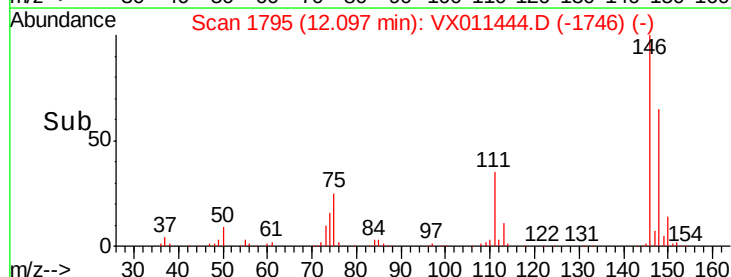
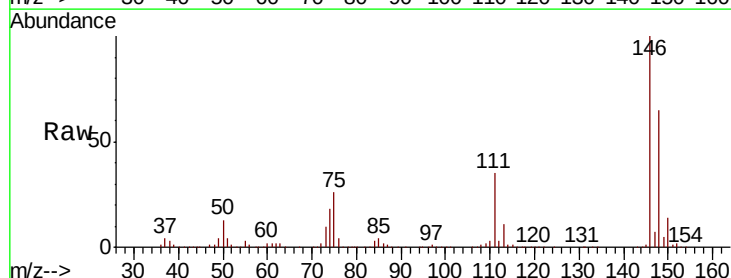
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

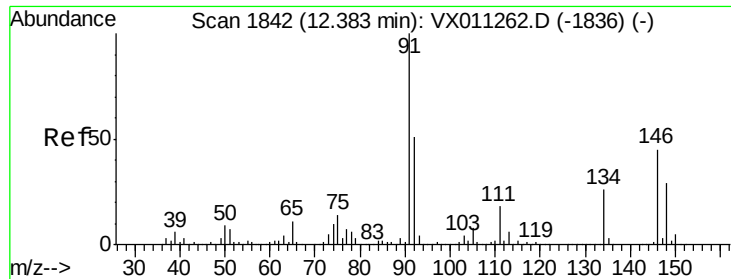
Tgt Ion:146 Resp: 201480
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 55.8
 148 63.4 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 47.870 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion:146 Resp: 198707
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.8 53.4
 148 64.9 31.8 95.3

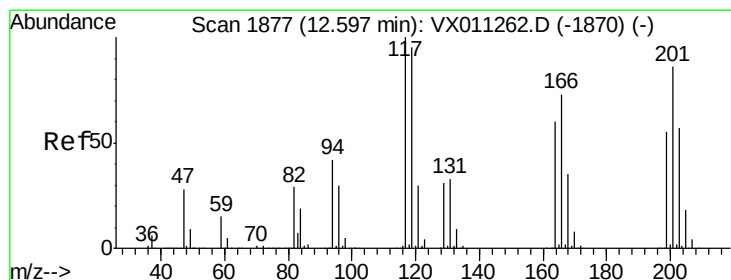
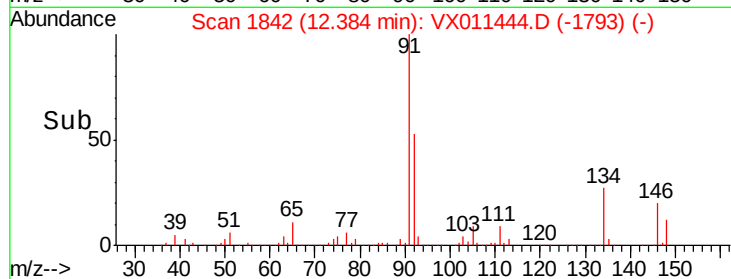
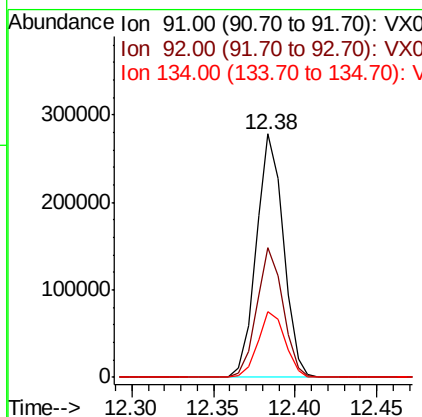
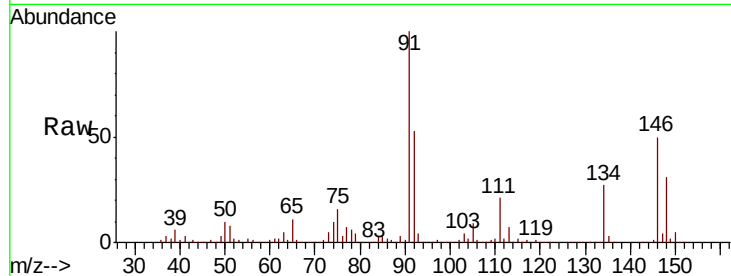




#89
n-Butylbenzene
Concen: 50.189 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

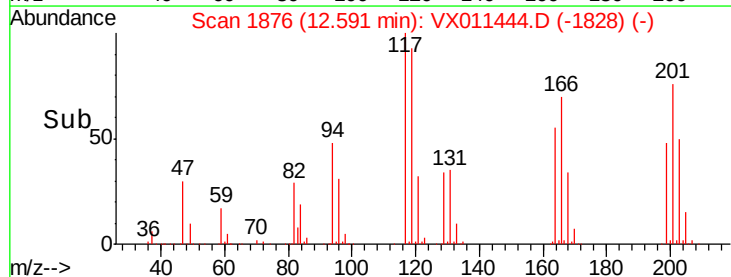
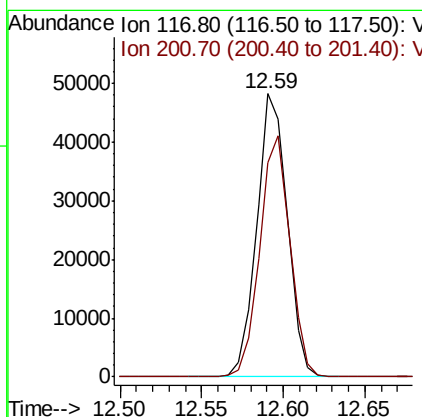
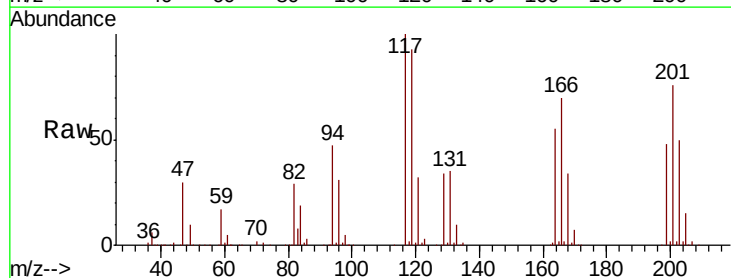
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

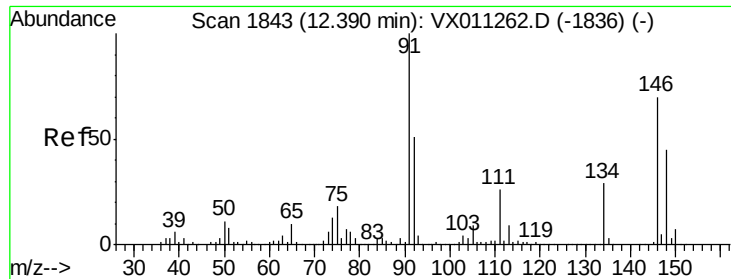
Tgt Ion: 91 Resp: 322388
Ion Ratio Lower Upper
91 100
92 51.8 25.8 77.3
134 27.1 13.7 41.0



#90
Hexachloroethane
Concen: 56.916 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Tgt Ion: 117 Resp: 62739
Ion Ratio Lower Upper
117 100
201 84.0 41.8 125.4

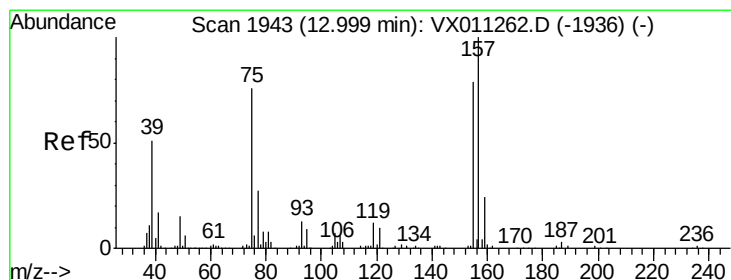
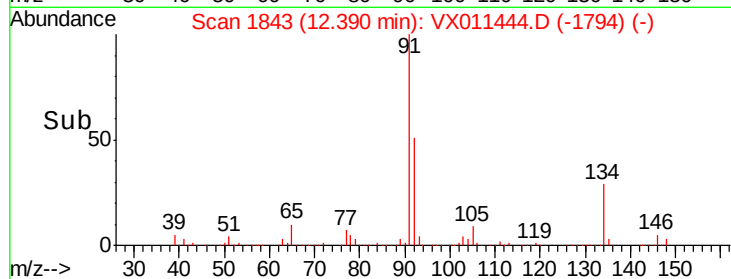
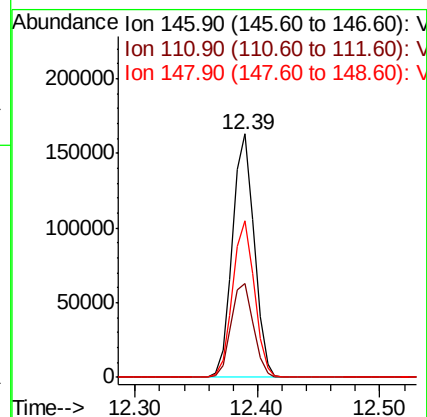
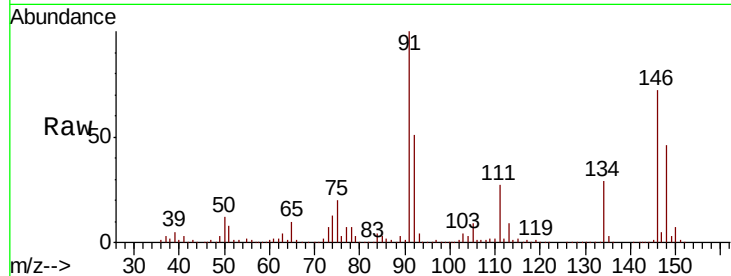




#91
 1,2-Dichlorobenzene
 Concen: 49.538 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

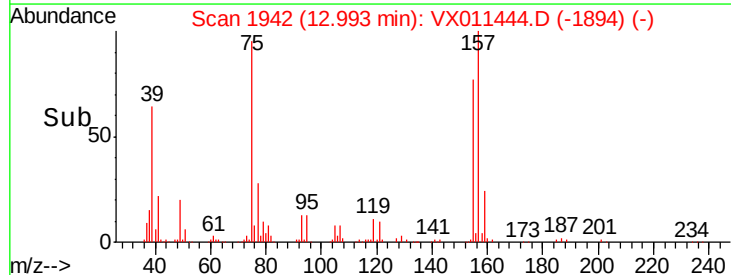
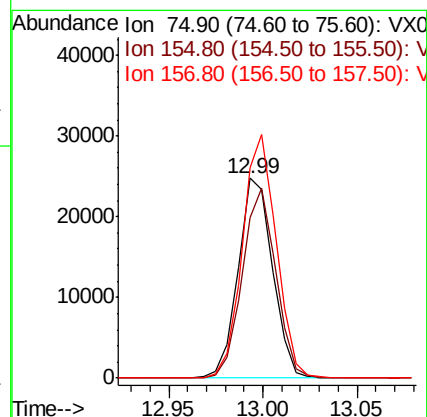
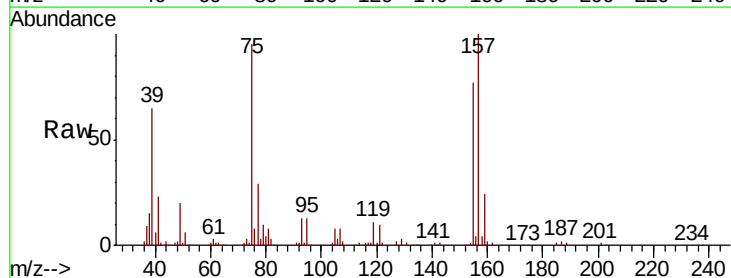
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

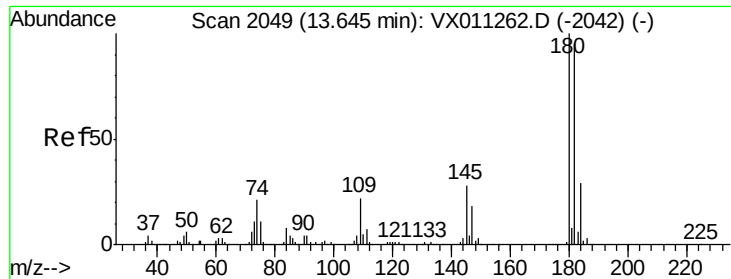
Tgt Ion: 146 Resp: 200370
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.1 57.1
 148 64.0 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.117 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion: 75 Resp: 31360
 Ion Ratio Lower Upper
 75 100
 155 92.7 51.9 155.8
 157 119.7 64.3 192.7

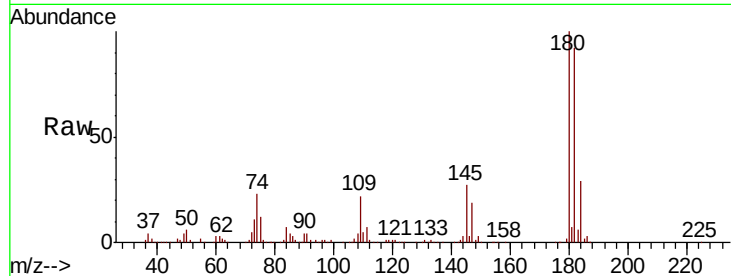




#93
 1,2,4-Trichlorobenzene
 Concen: 50.138 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.8	143.4
145	30.1	14.8	44.3

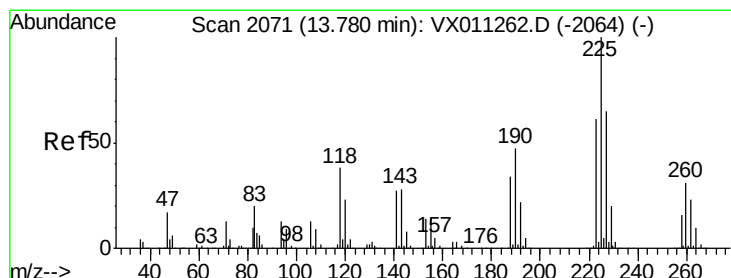
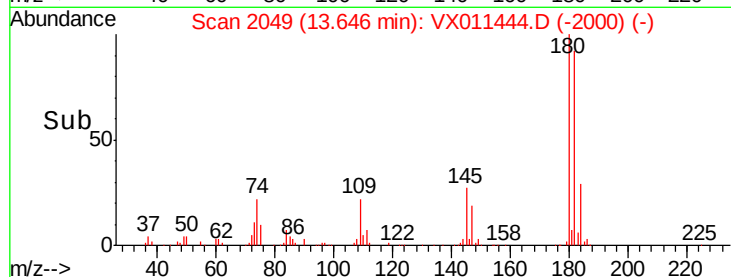
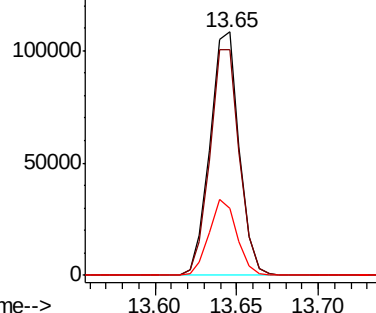


Abundance

Ion 179.80 (179.50 to 180.50): V

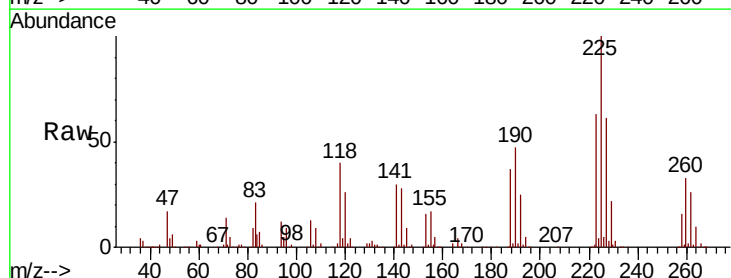
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.412 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011444.D
 Acq: 11 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.0	93.0
227	63.7	32.2	96.6

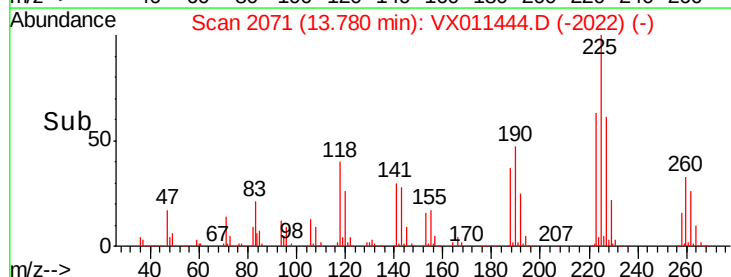
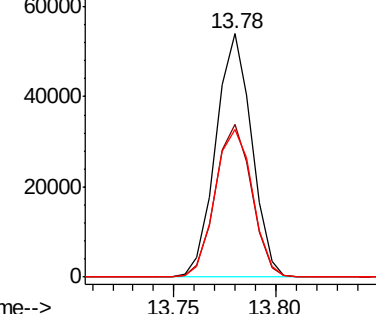


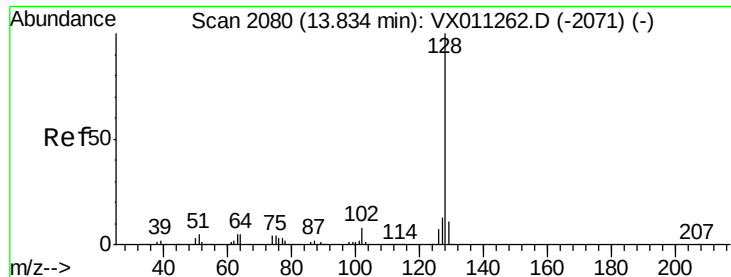
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

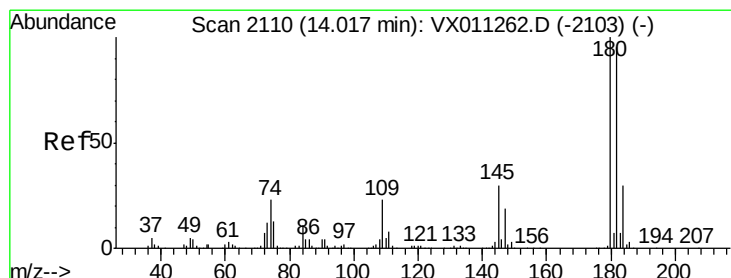
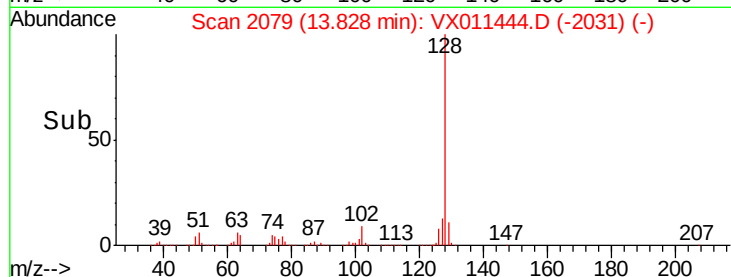
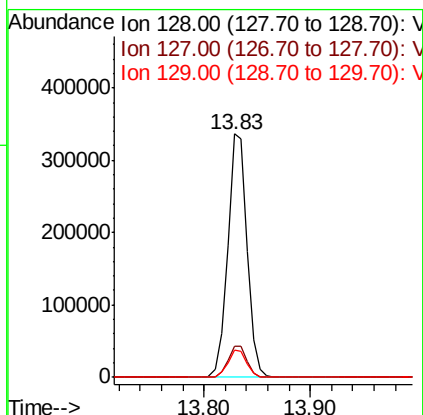
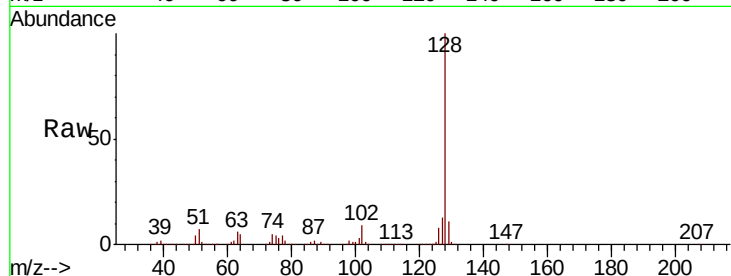




#95
Naphthalene
Concen: 54.126 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 424583
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.018 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011444.D
Acq: 11 Aug 2019 20:08

Tgt Ion:180 Resp: 136402
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.3
145 31.3 15.2 45.6

