

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
 Data File : VX012662.D
 Acq On : 25 Sep 2019 17:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 25 23:07:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	204624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	348224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	151525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	143907	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	5.48	113	107517	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	8.71	98	409629	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.13	95	164908	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	97383	42.304	ug/l	100
3) Chloromethane	1.31	50	96924	36.667	ug/l	97
4) Vinyl Chloride	1.40	62	110596	42.094	ug/l	100
5) Bromomethane	1.62	94	33453	32.384	ug/l	94
6) Chloroethane	1.71	64	71558	40.401	ug/l	96
7) Trichlorofluoromethane	1.92	101	161077	43.666	ug/l	99
8) Diethyl Ether	2.17	74	65830	43.547	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102751	45.732	ug/l	94
10) Methyl Iodide	2.50	142	67127	30.504	ug/l	93
11) Tert butyl alcohol	3.03	59	156890	210.773	ug/l	99
12) 1,1-Dichloroethene	2.36	96	99867	45.393	ug/l	98
13) Acrolein	2.28	56	75764	185.472	ug/l	98
14) Allyl chloride	2.72	41	193887	44.419	ug/l	98
15) Acrylonitrile	3.13	53	319501	211.571	ug/l	99
16) Acetone	2.43	43	351135	222.476	ug/l	98
17) Carbon Disulfide	2.56	76	260775	42.280	ug/l	100
18) Methyl Acetate	2.76	43	155704	41.897	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	375578	45.101	ug/l	98
20) Methylene Chloride	2.84	84	113853	42.650	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	107631	44.159	ug/l	97
22) Diisopropyl ether	3.84	45	376944	44.692	ug/l	95
23) Vinyl Acetate	3.80	43	1656289	223.930	ug/l	98
24) 1,1-Dichloroethane	3.69	63	204527	44.611	ug/l	99
25) 2-Butanone	4.65	43	486228	214.855	ug/l	97
26) 2,2-Dichloropropane	4.56	77	184085	45.146	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	124502	44.023	ug/l	96
28) Bromochloromethane	5.00	49	79583	47.807	ug/l	99
29) Tetrahydrofuran	5.11	42	294652	213.618	ug/l	98
30) Chloroform	5.19	83	204745	43.651	ug/l	97
31) Cyclohexane	5.56	56	190761	45.993	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	185454	44.612	ug/l	99
36) 1,1-Dichloropropene	5.78	75	154182	45.935	ug/l	98
37) Ethyl Acetate	4.81	43	176925	45.087	ug/l	98
38) Carbon Tetrachloride	5.77	117	154628	45.350	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	193871	47.979	ug/l	99
40) Benzene	6.13	78	452772	45.847	ug/l	98
41) Methacrylonitrile	5.03	41	99321	45.111	ug/l	97
42) 1,2-Dichloroethane	6.18	62	172048	45.877	ug/l	98
43) Isopropyl Acetate	6.43	43	294871	44.934	ug/l	98
44) Trichloroethene	7.20	130	115913	45.912	ug/l	95
45) 1,2-Dichloropropane	7.50	63	119065	47.090	ug/l	97
46) Dibromomethane	7.65	93	77850	45.222	ug/l	96
47) Bromodichloromethane	7.89	83	158783	46.150	ug/l	99
48) Methyl methacrylate	7.76	41	144054	45.781	ug/l	95
49) 1,4-Dioxane	7.73	88	60433	846.750	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	899036	221.940	ug/l	97
52) Toluene	8.78	92	285821	46.048	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	182978	48.067	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	197269	47.462	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	114500	46.399	ug/l	98
56) Ethyl methacrylate	9.17	69	196710	47.448	ug/l	94
57) 1,3-Dichloropropane	9.36	76	199065	46.091	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	469006	252.027	ug/l	98
59) 2-Hexanone	9.48	43	711679	229.526	ug/l	95
60) Dibromochloromethane	9.57	129	118940	47.613	ug/l	100
61) 1,2-Dibromoethane	9.67	107	120177	46.794	ug/l	100
64) Tetrachloroethene	9.33	164	100838	45.927	ug/l	96
65) Chlorobenzene	10.14	112	301393	45.450	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	110750	46.094	ug/l	98
67) Ethyl Benzene	10.25	91	569709	47.367	ug/l	97
68) m/p-Xylenes	10.36	106	419521	93.113	ug/l	99
69) o-Xylene	10.70	106	202261	46.394	ug/l	96
70) Styrene	10.71	104	356554	48.786	ug/l	99
71) Bromoform	10.85	173	79947	47.787	ug/l #	100
73) Isopropylbenzene	11.01	105	558280	45.237	ug/l	100
74) N-amyl acetate	10.89	43	267204	45.384	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	180244	44.099	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	212380	52.986	ug/l	87
77) Bromobenzene	11.25	156	123279	44.136	ug/l	95
78) n-propylbenzene	11.35	91	633813	45.618	ug/l	99
79) 2-Chlorotoluene	11.42	91	379954	43.837	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	477143	46.105	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	60299	43.112	ug/l	98
82) 4-Chlorotoluene	11.51	91	451890	45.736	ug/l	97
83) tert-Butylbenzene	11.76	119	457228	45.800	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	480348	46.010	ug/l	99
85) sec-Butylbenzene	11.94	105	542690	46.737	ug/l	99
86) p-Isopropyltoluene	12.06	119	498900	47.618	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233327	46.419	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	233477	45.966	ug/l	99
89) n-Butylbenzene	12.39	91	449971	48.738	ug/l	99
90) Hexachloroethane	12.59	117	82879	44.370	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	229963	45.697	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46254	45.240	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

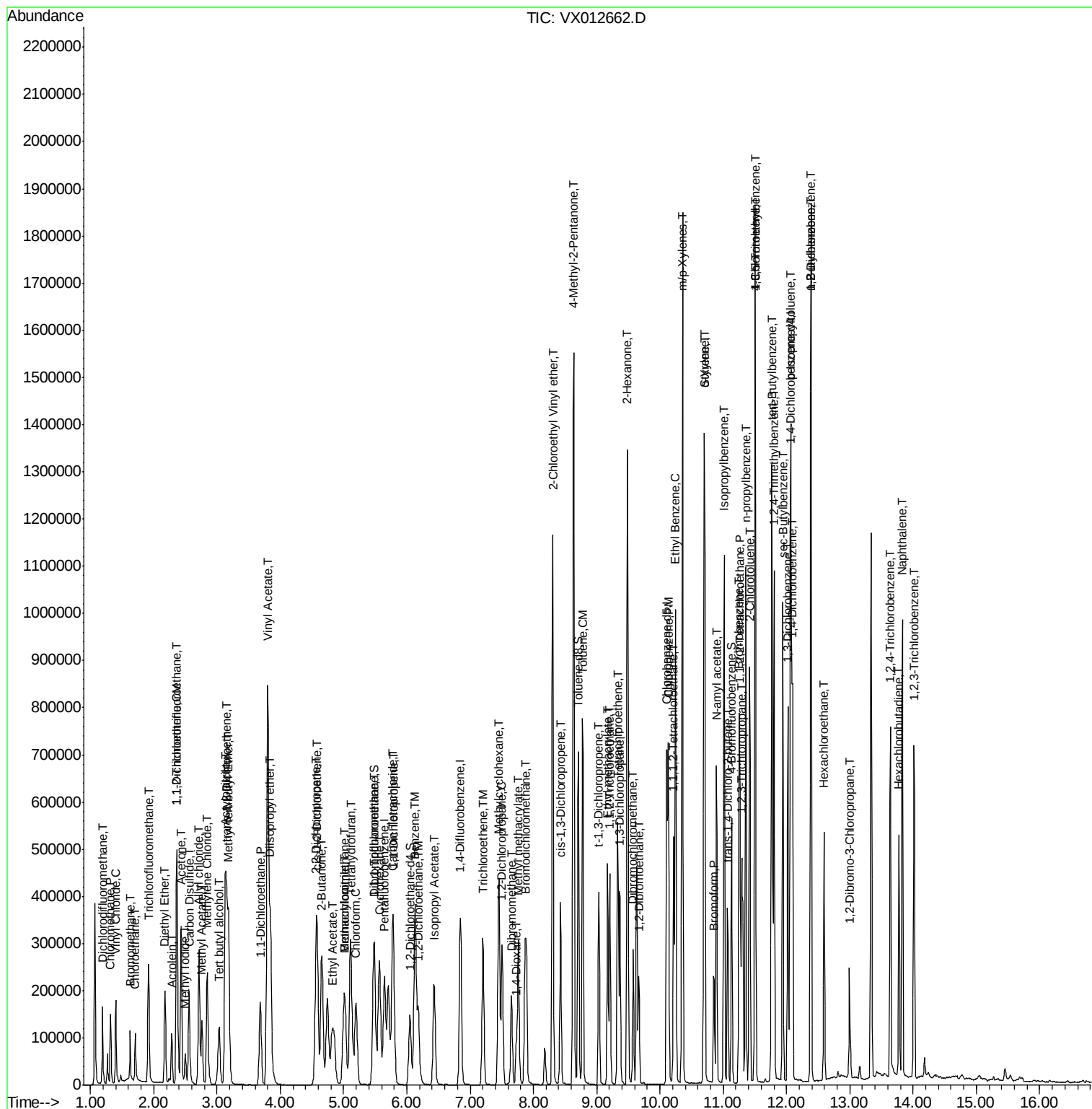
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	154083	50.206	ug/l	98
94) Hexachlorobutadiene	13.78	225	65590	49.679	ug/l	100
95) Naphthalene	13.83	128	566800	51.046	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	154667	50.310	ug/l	100

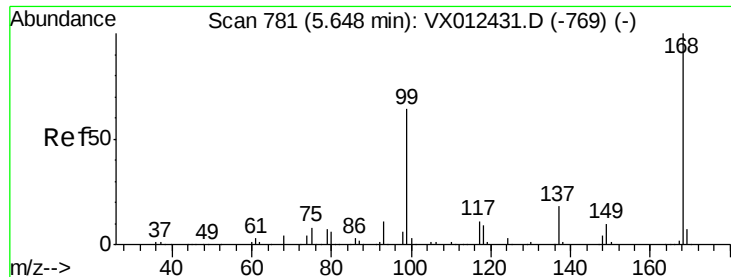
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

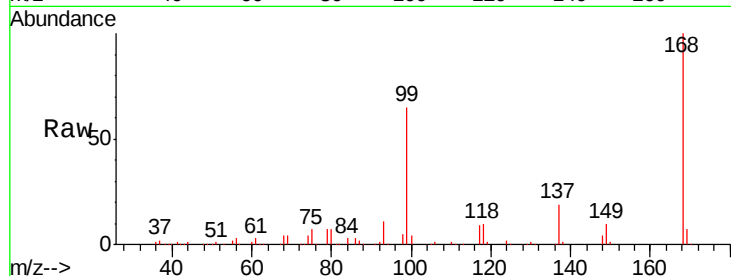
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 168 Resp: 204624

Ion Ratio Lower Upper

168 100

99 64.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

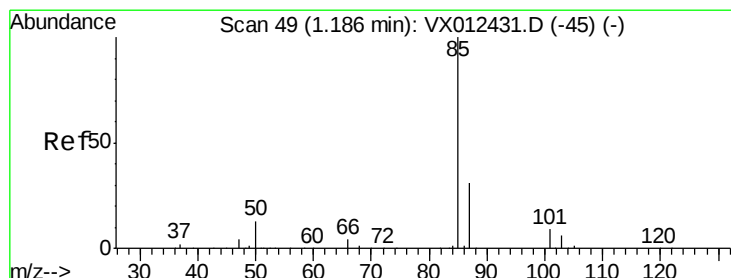
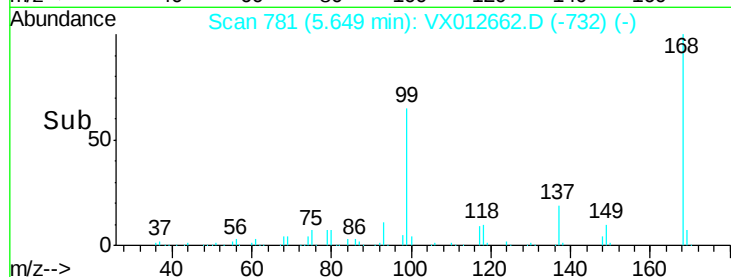
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 42.304 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012662.D

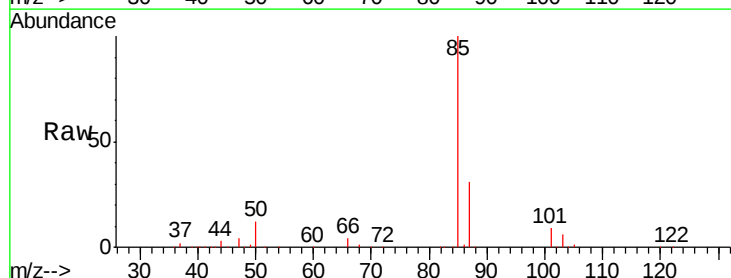
Acq: 25 Sep 2019 17:21

Tgt Ion: 85 Resp: 97383

Ion Ratio Lower Upper

85 100

87 31.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

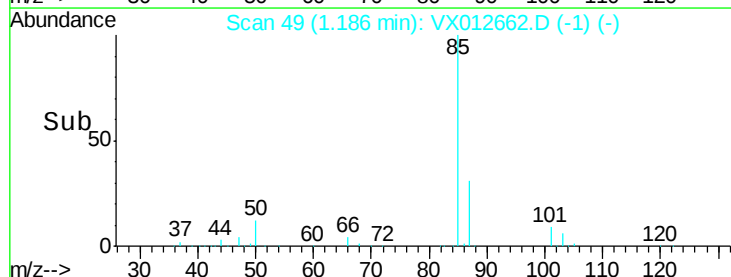
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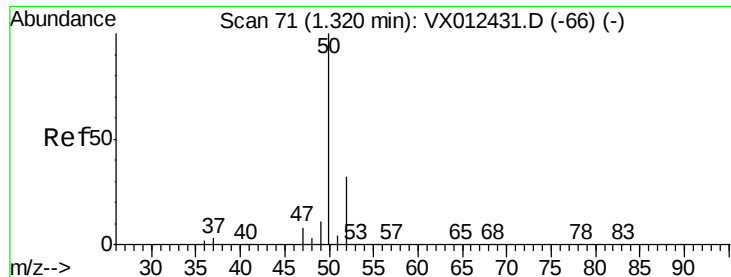
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 36.667 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

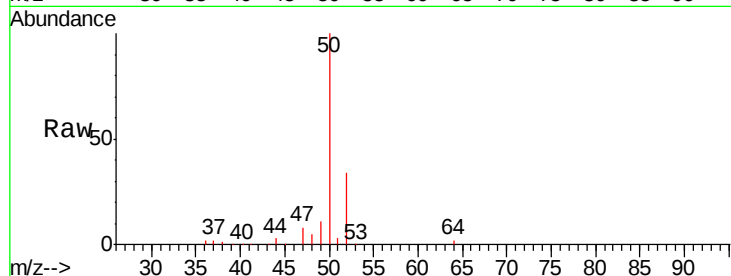
VSTDCCC050EC

Tgt Ion: 50 Resp: 96924

Ion Ratio Lower Upper

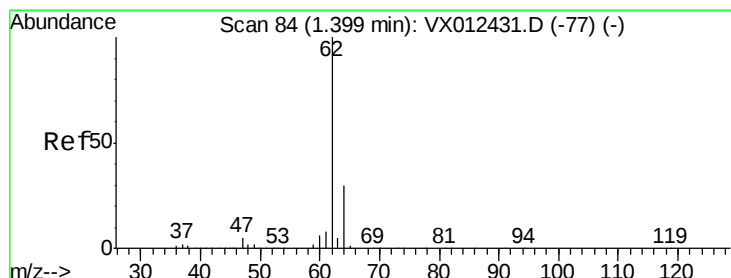
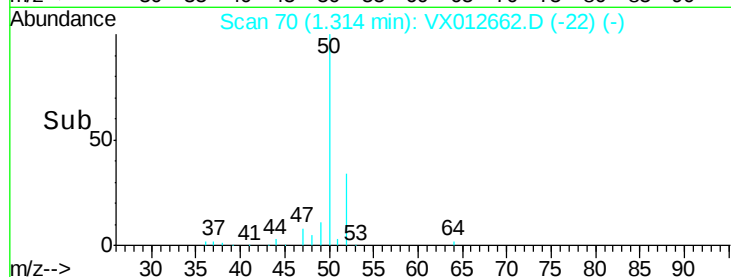
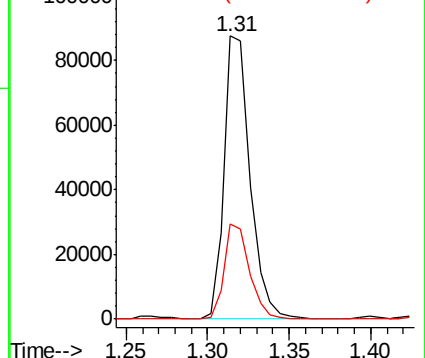
50 100

52 33.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.094 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012662.D

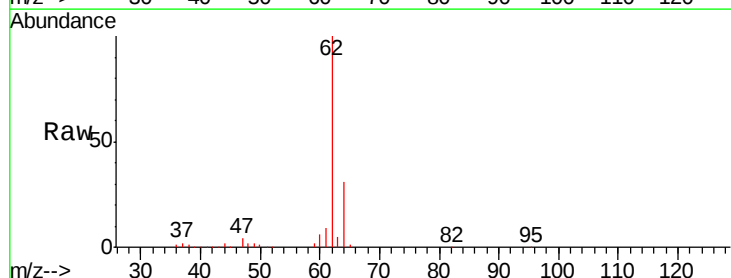
Acq: 25 Sep 2019 17:21

Tgt Ion: 62 Resp: 110596

Ion Ratio Lower Upper

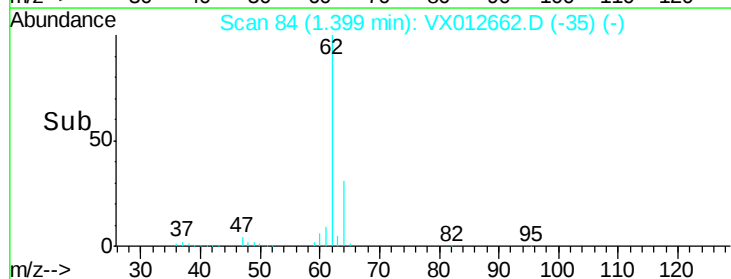
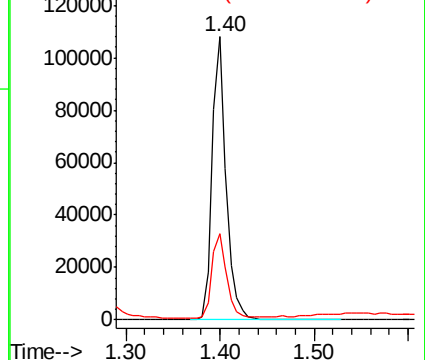
62 100

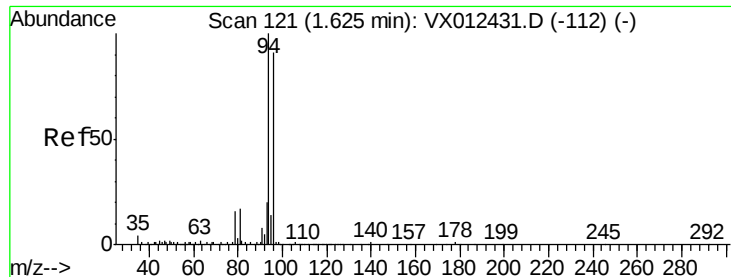
64 30.2 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 32.384 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

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ClientSampleId :

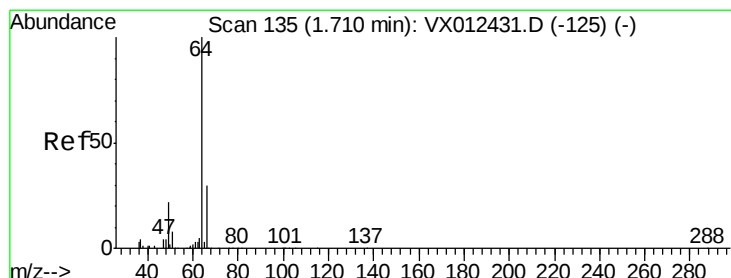
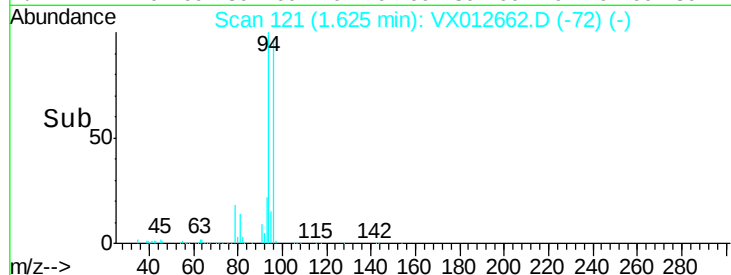
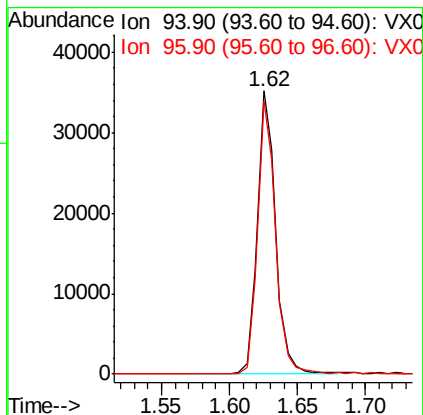
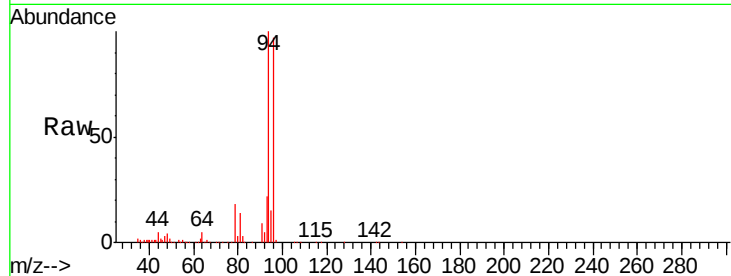
VSTDCCC050EC

Tgt Ion: 94 Resp: 33453

Ion Ratio Lower Upper

94 100

96 96.7 72.8 109.2



#6

Chloroethane

Concen: 40.401 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012662.D

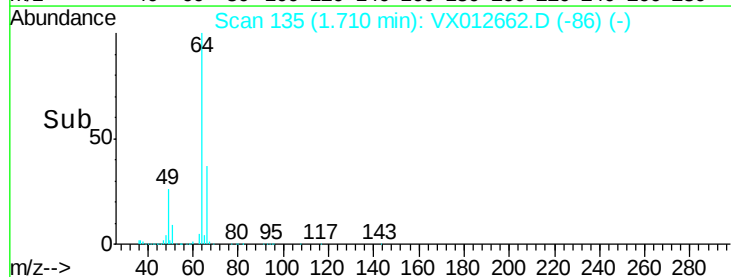
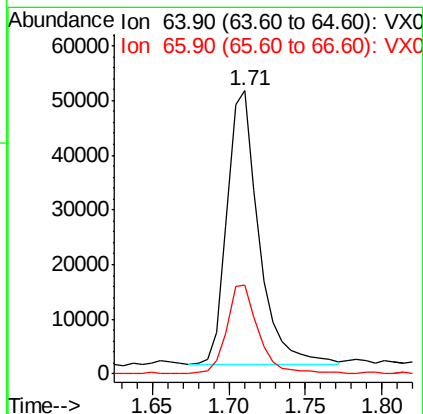
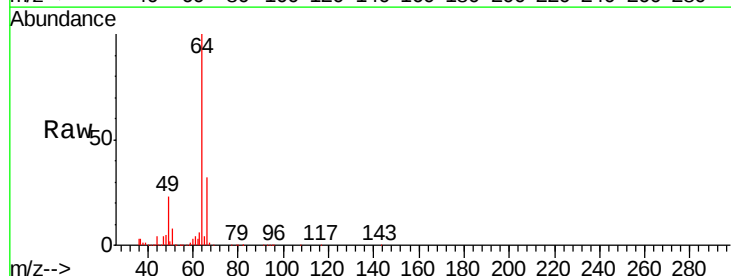
Acq: 25 Sep 2019 17:21

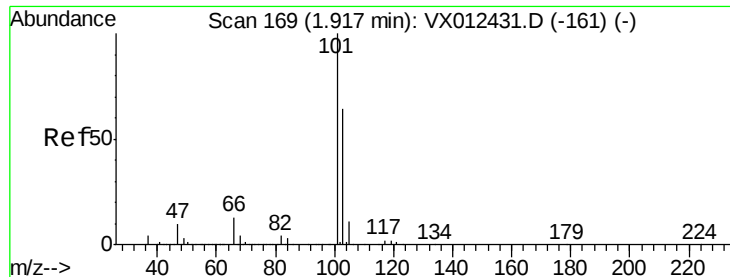
Tgt Ion: 64 Resp: 71558

Ion Ratio Lower Upper

64 100

66 32.4 24.0 36.0



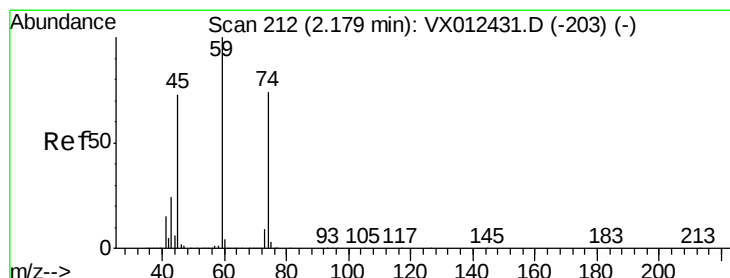
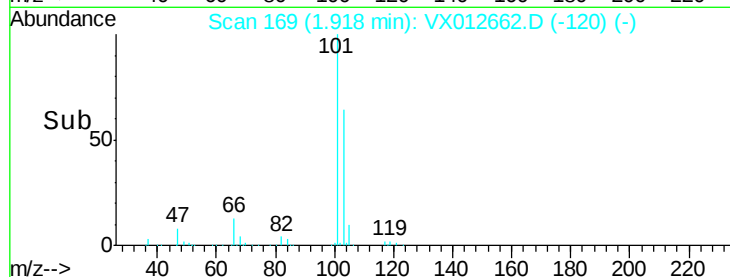
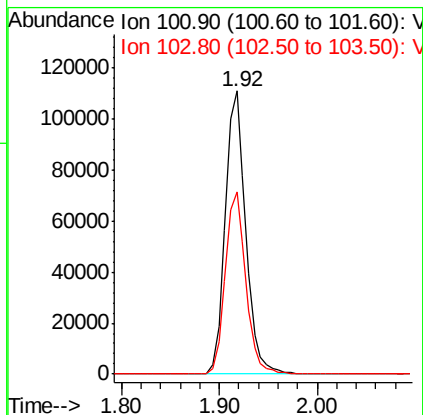
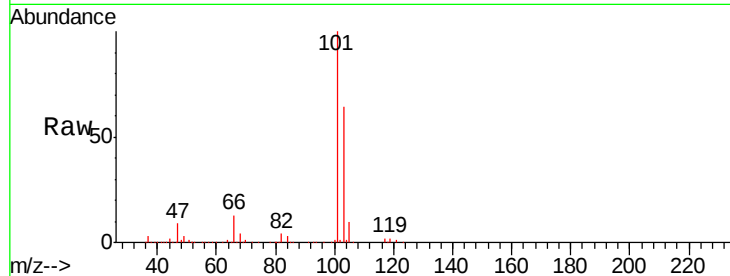


#7

Trichlorofluoromethane
Concen: 43.666 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

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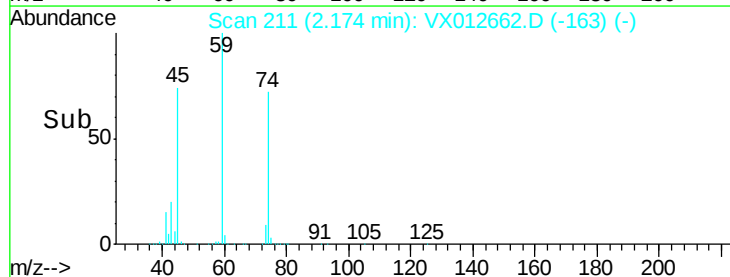
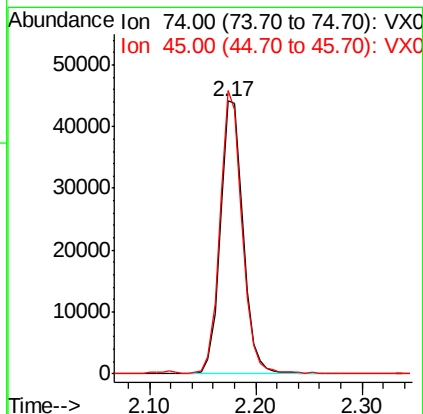
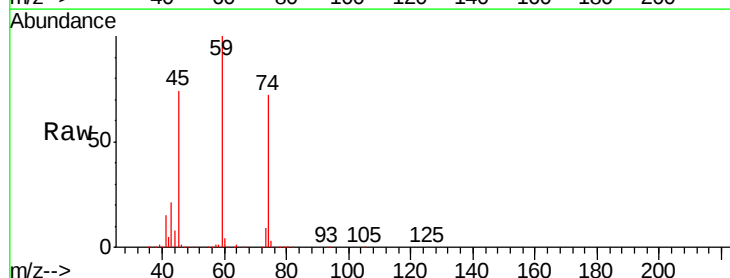
Tgt Ion: 101 Resp: 161077
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

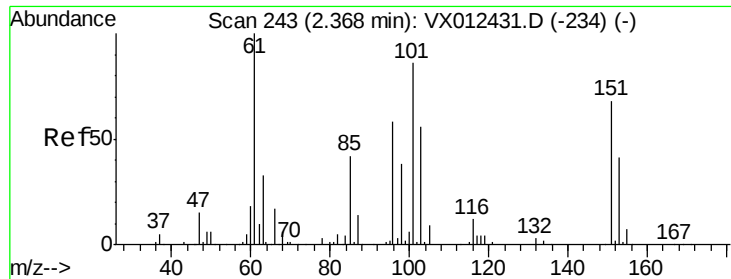


#8

Diethyl Ether
Concen: 43.547 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 74 Resp: 65830
Ion Ratio Lower Upper
74 100
45 101.5 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.732 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012662.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

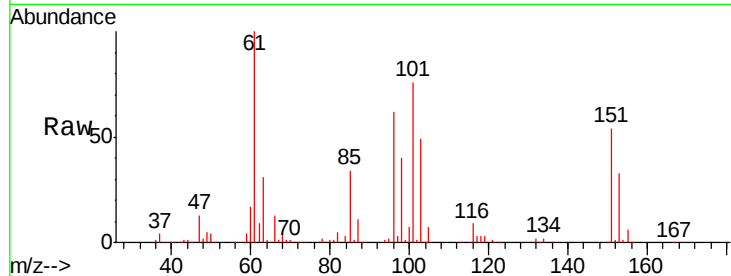
Tgt Ion:101 Resp: 102751

Ion Ratio Lower Upper

101 100

85 44.2 37.3 55.9

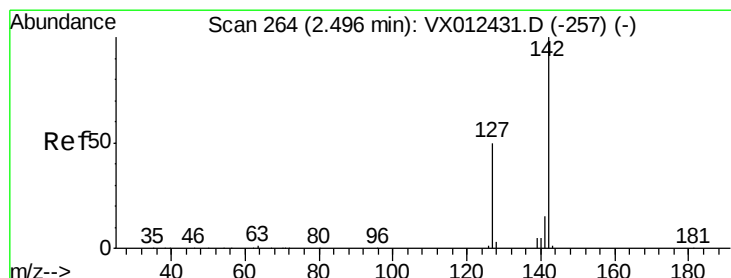
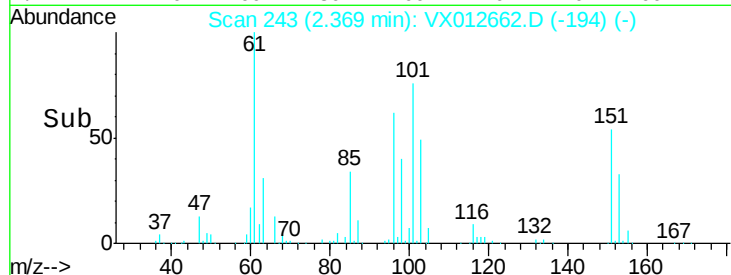
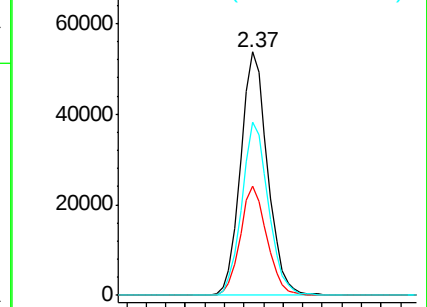
151 70.2 61.0 91.4



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: 30.504 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

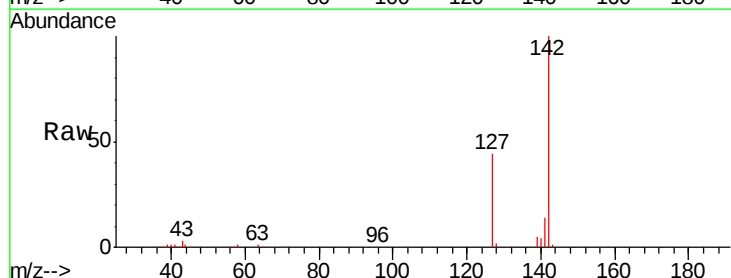
Tgt Ion:142 Resp: 67127

Ion Ratio Lower Upper

142 100

127 45.4 40.8 61.2

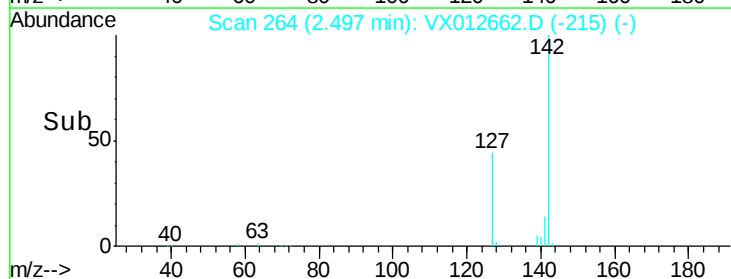
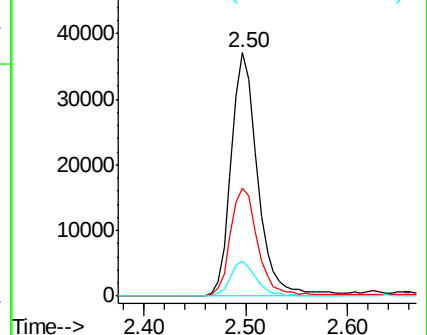
141 14.1 12.1 18.1

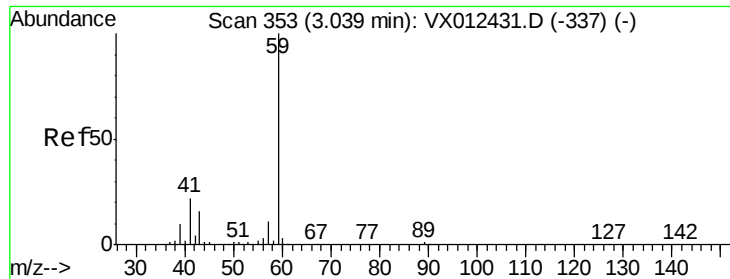


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

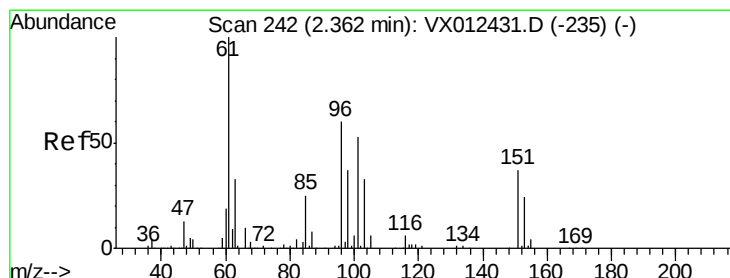
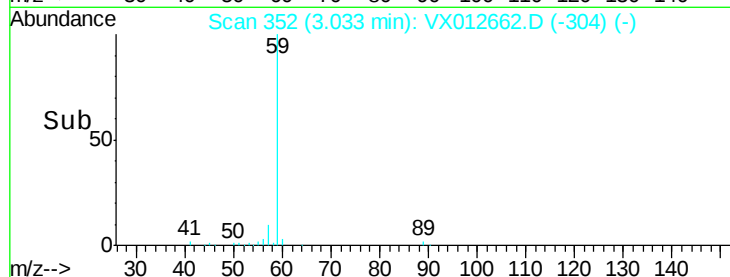
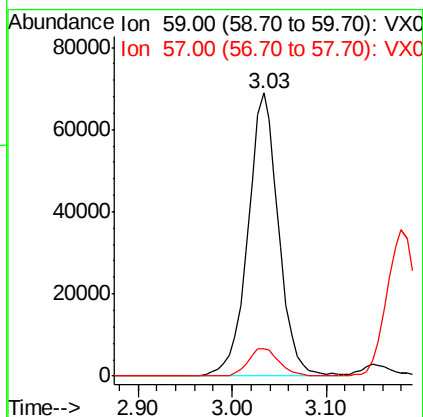
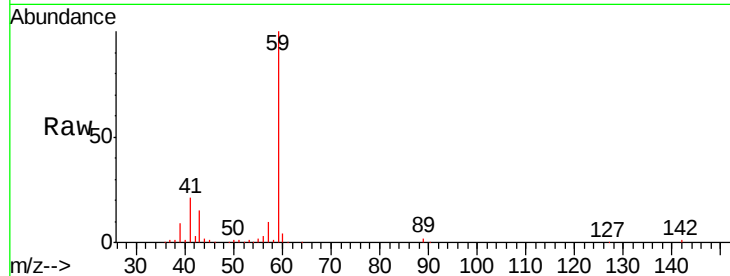




#11
Tert butyl alcohol
Concen: 210.773 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

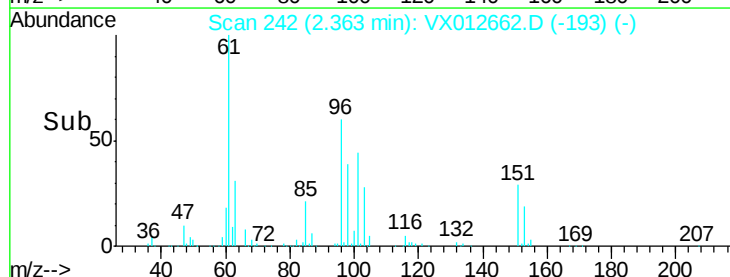
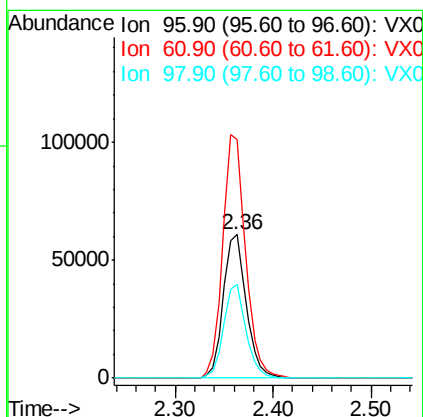
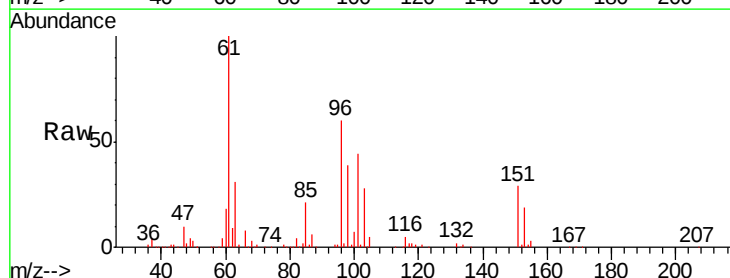
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

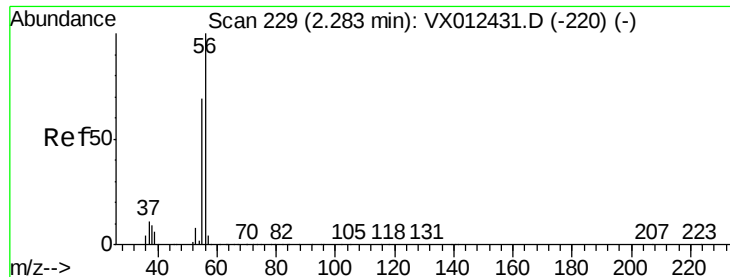
Tgt Ion: 59 Resp: 156890
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.393 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 96 Resp: 99867
Ion Ratio Lower Upper
96 100
61 166.0 133.8 200.6
98 65.2 49.9 74.9

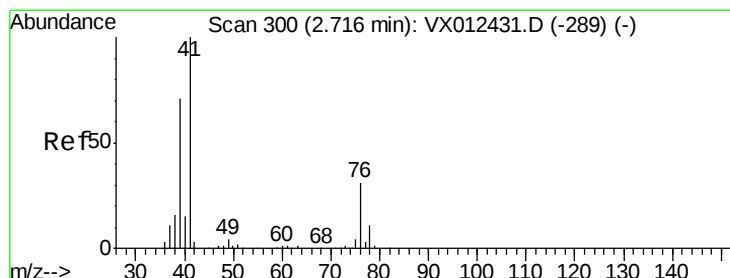
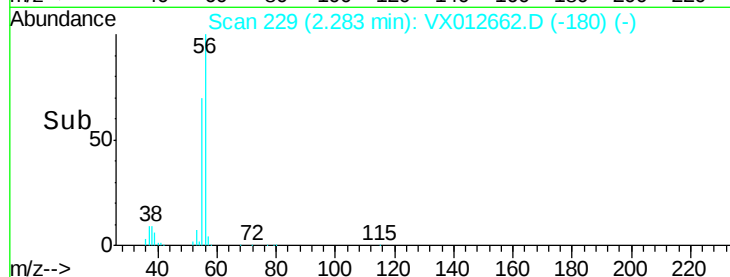
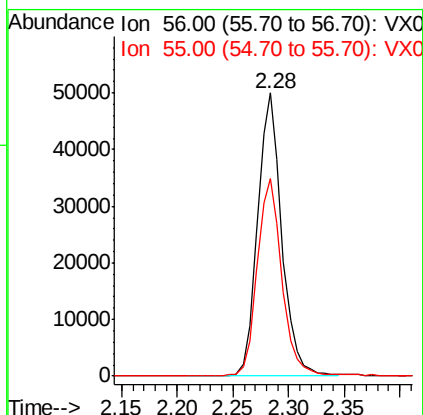
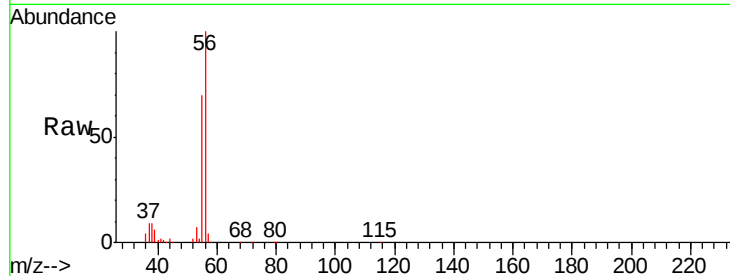




#13
Acrolein
Concen: 185.472 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

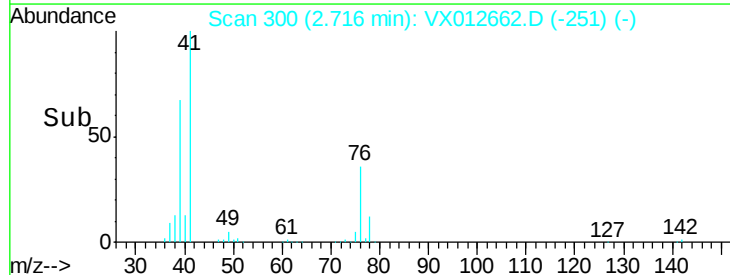
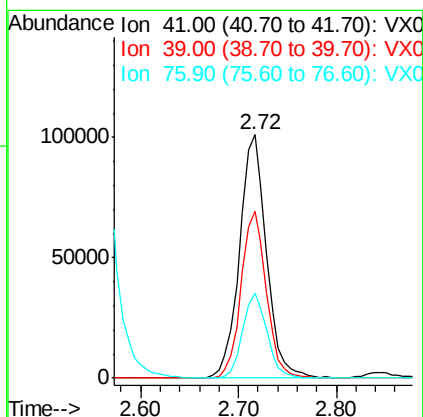
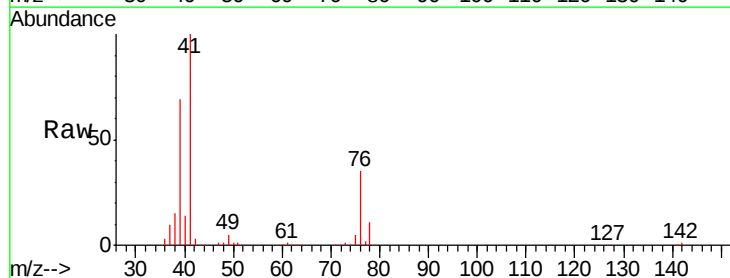
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

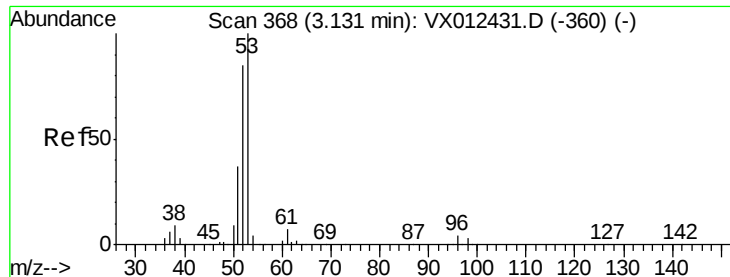
Tgt Ion: 56 Resp: 75764
Ion Ratio Lower Upper
56 100
55 71.8 55.8 83.8



#14
Allyl chloride
Concen: 44.419 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 41 Resp: 193887
Ion Ratio Lower Upper
41 100
39 64.3 51.3 76.9
76 31.4 22.6 33.8





#15

Acrylonitrile

Concen: 211.571 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

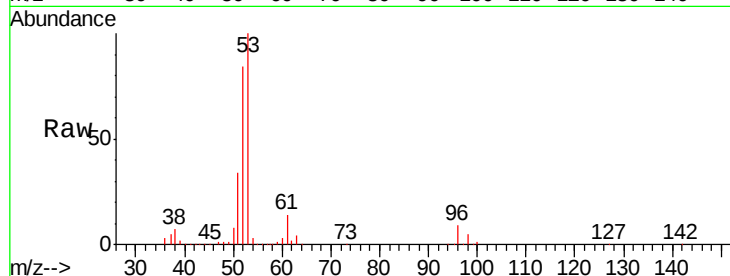
Tgt Ion: 53 Resp: 319501

Ion Ratio Lower Upper

53 100

52 83.4 67.0 100.4

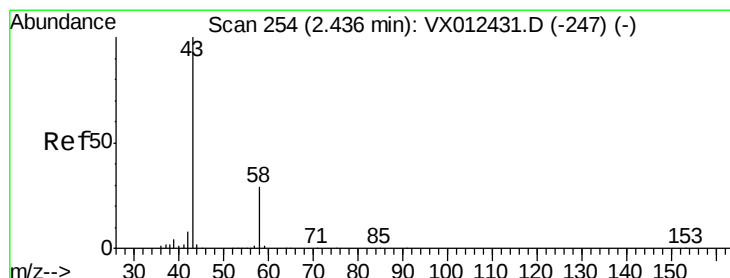
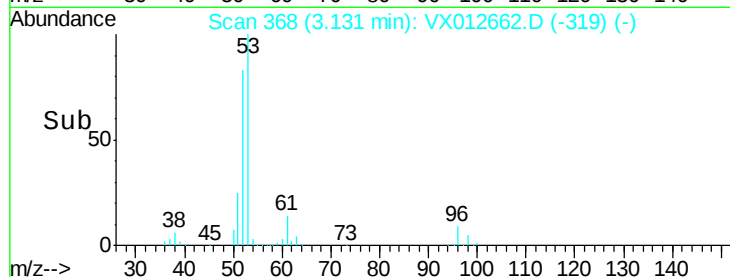
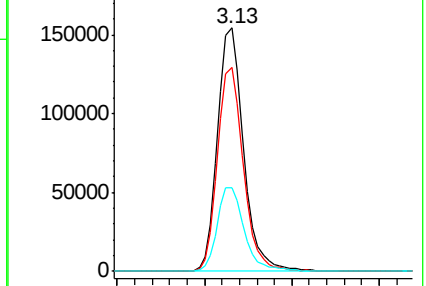
51 35.8 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 222.476 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012662.D

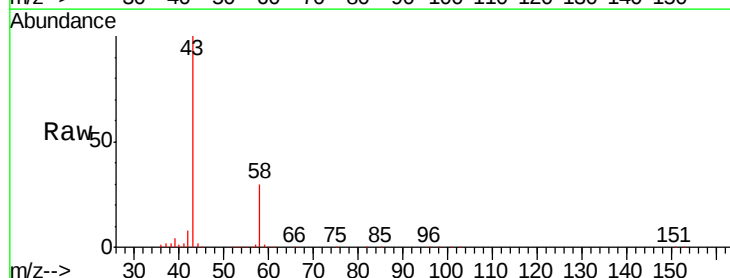
Acq: 25 Sep 2019 17:21

Tgt Ion: 43 Resp: 351135

Ion Ratio Lower Upper

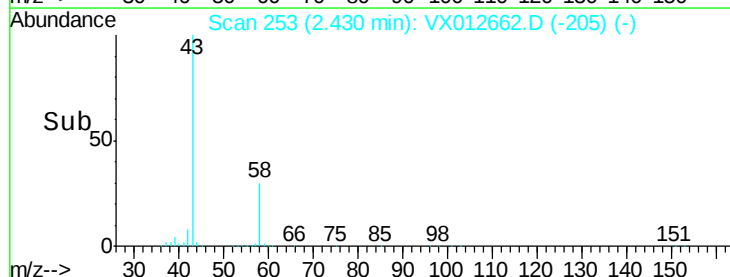
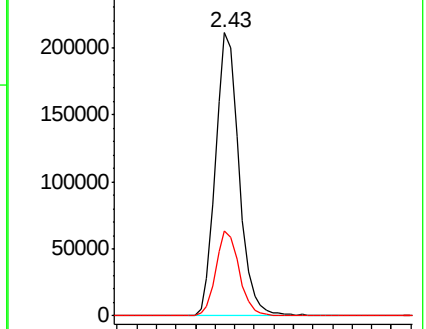
43 100

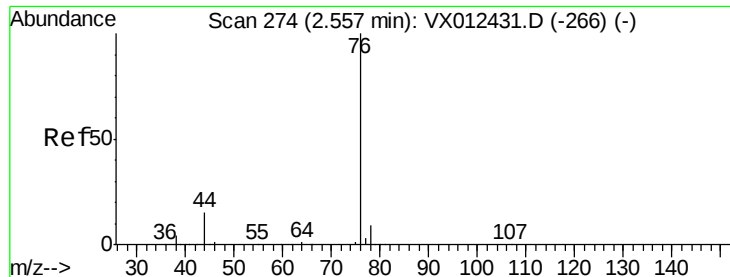
58 29.9 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.280 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

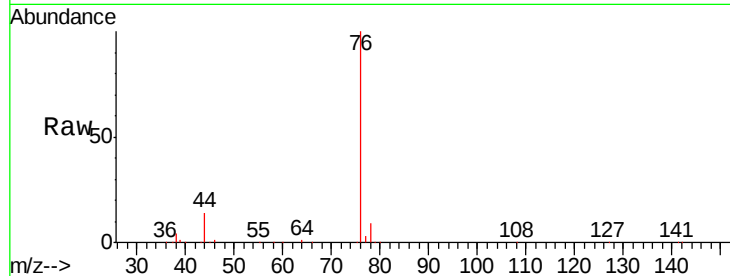
VSTDCCC050EC

Tgt Ion: 76 Resp: 260775

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

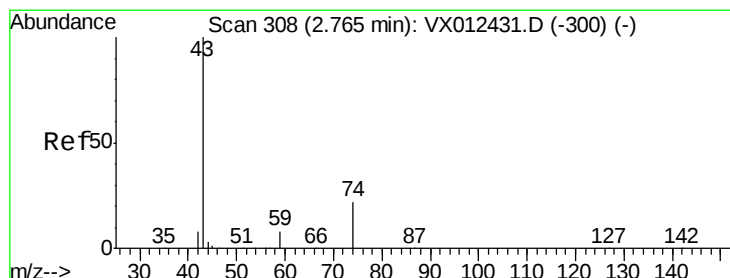
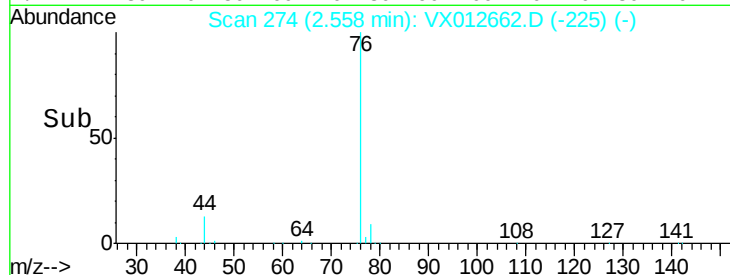
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 41.897 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012662.D

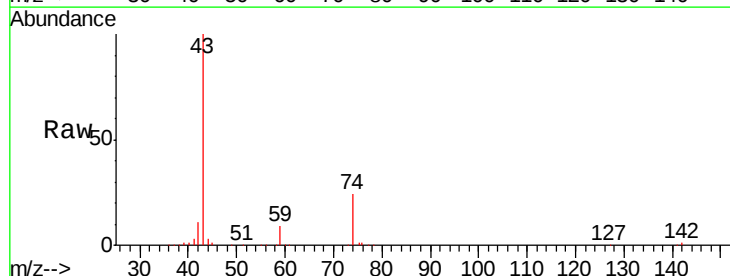
Acq: 25 Sep 2019 17:21

Tgt Ion: 43 Resp: 155704

Ion Ratio Lower Upper

43 100

74 22.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

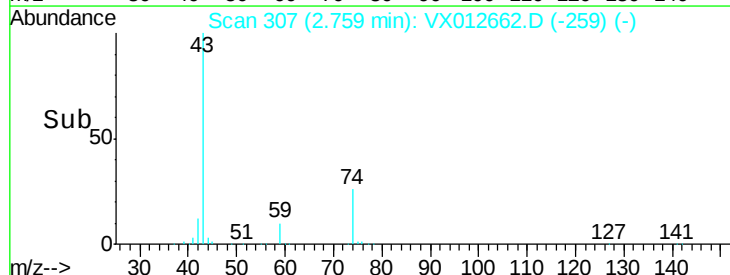
60000

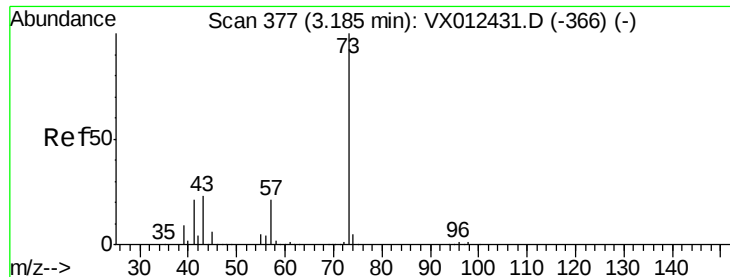
40000

20000

0

Time-->

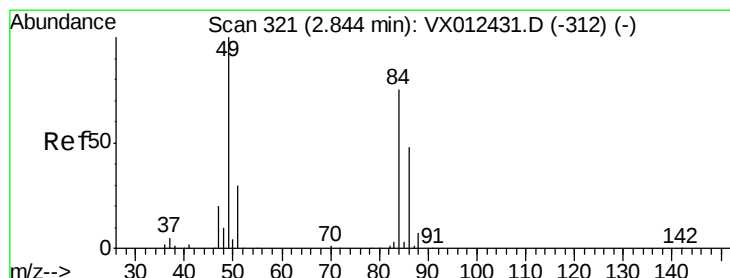
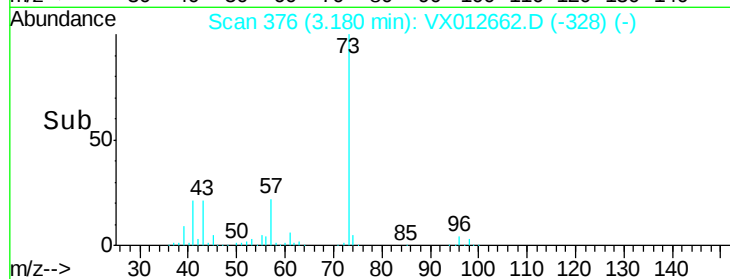
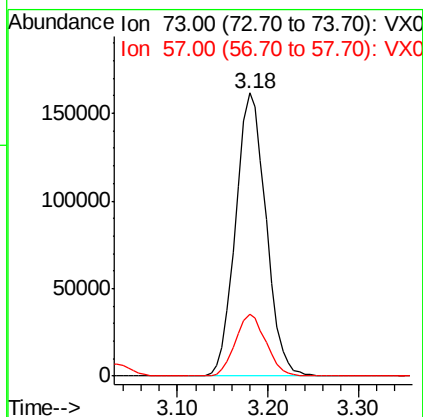
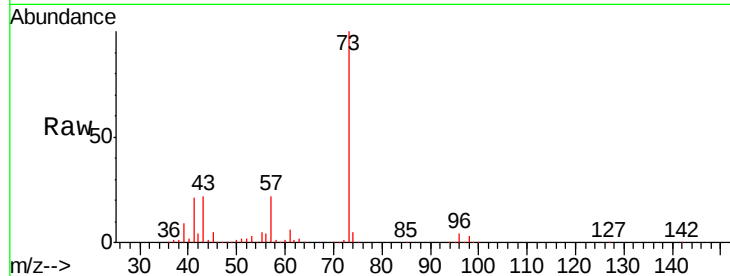




#19
Methyl tert-butyl Ether
Concen: 45.101 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

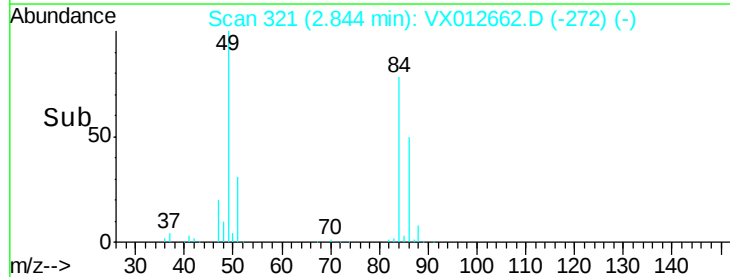
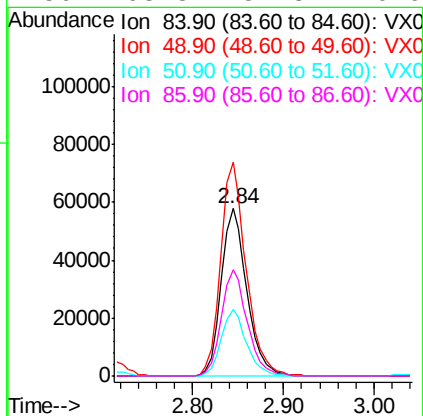
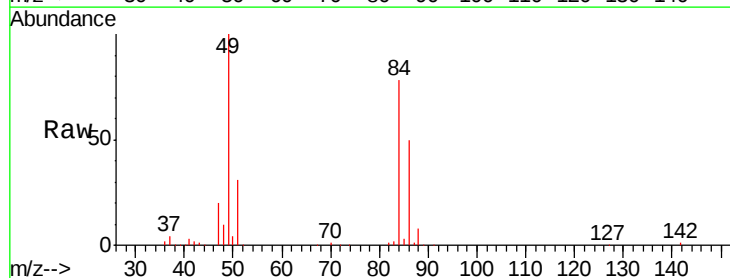
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

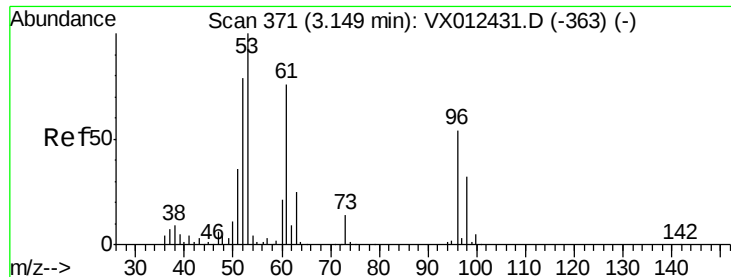
Tgt Ion: 73 Resp: 375578
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2



#20
Methylene Chloride
Concen: 42.650 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 84 Resp: 113853
Ion Ratio Lower Upper
84 100
49 127.7 106.8 160.2
51 39.6 32.3 48.5
86 63.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 44.159 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

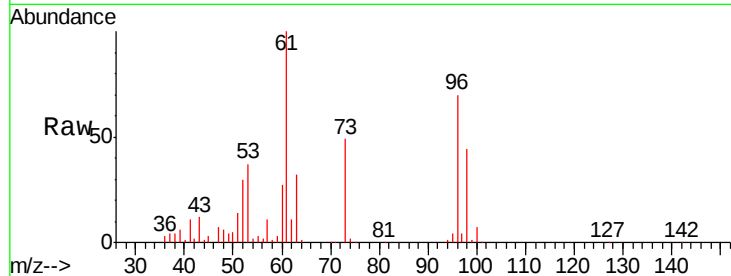
Tgt Ion: 96 Resp: 107631

Ion Ratio Lower Upper

96 100

61 142.9 112.0 168.0

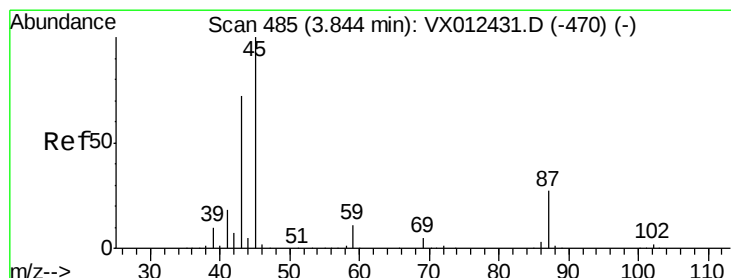
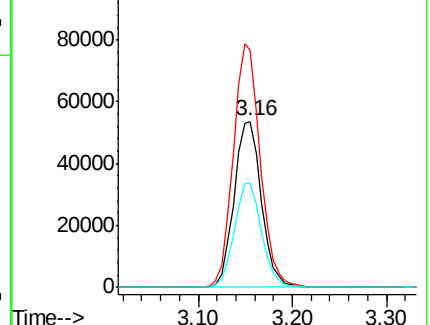
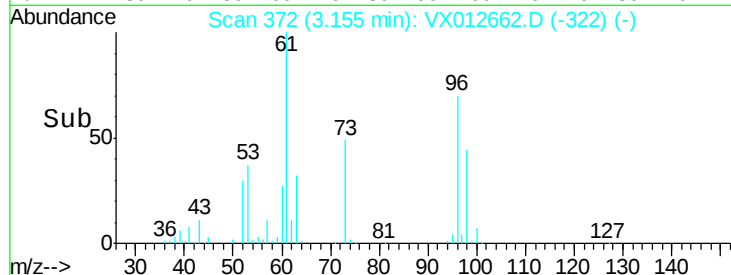
98 62.7 47.8 71.8



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: 44.692 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Tgt Ion: 45 Resp: 376944

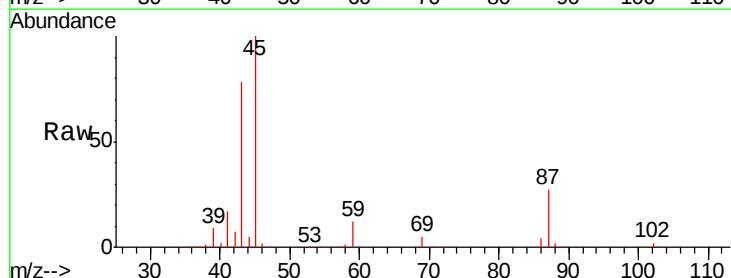
Ion Ratio Lower Upper

45 100

43 78.0 57.8 86.8

87 27.2 21.3 31.9

59 12.0 8.5 12.7

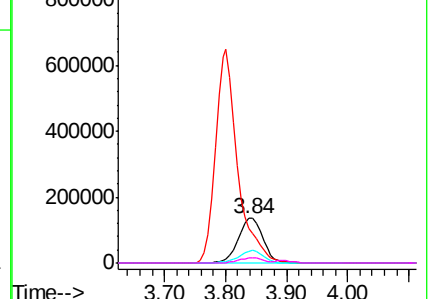
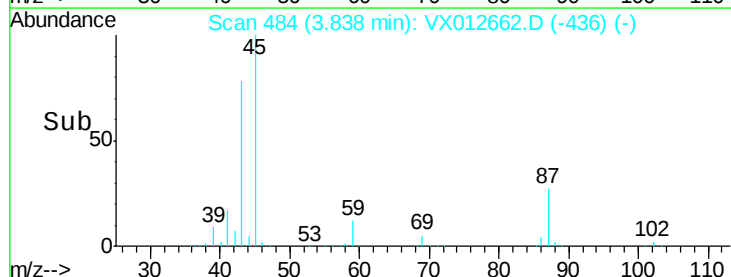


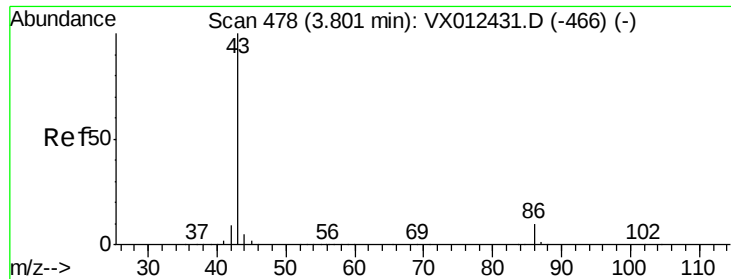
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 223.930 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

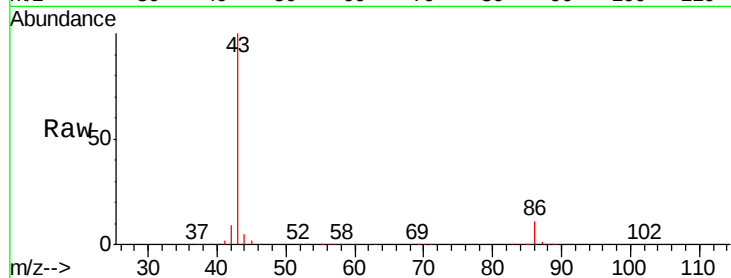
VSTDCCC050EC

Tgt Ion: 43 Resp: 1656289

Ion Ratio Lower Upper

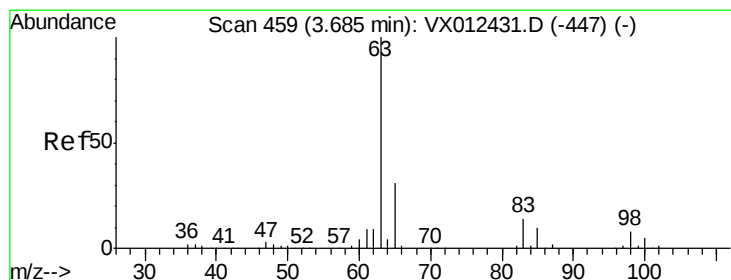
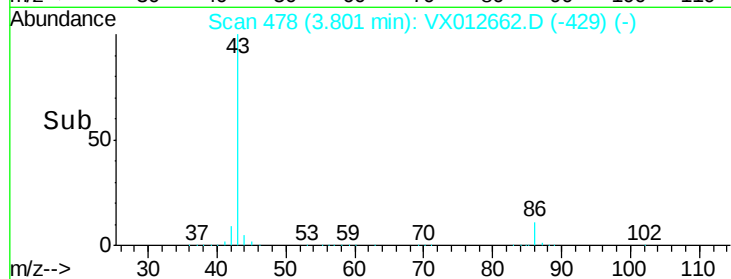
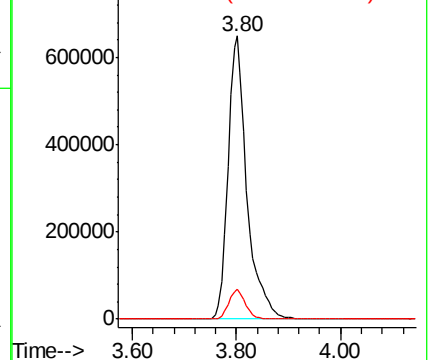
43 100

86 10.7 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.611 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

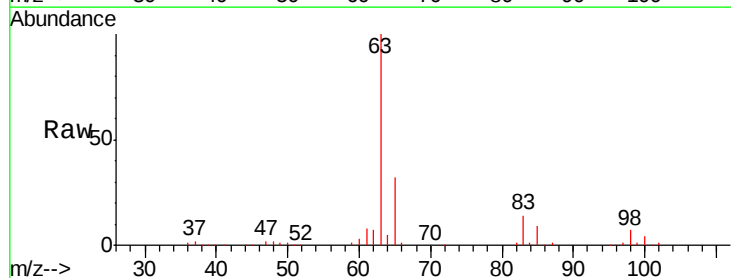
Tgt Ion: 63 Resp: 204527

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

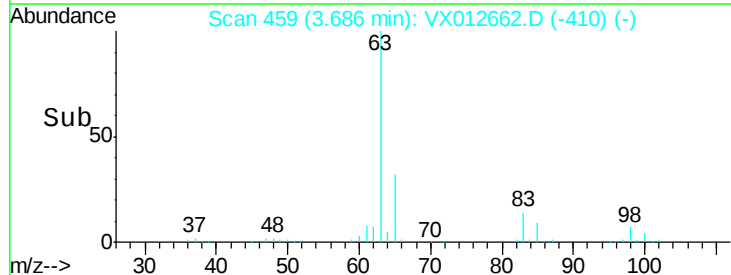
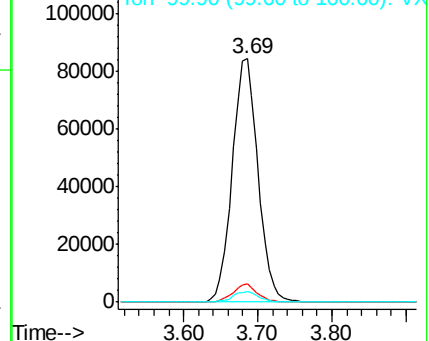
100 4.5 2.3 6.9

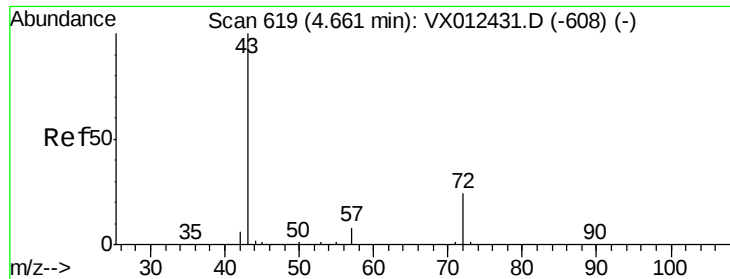


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 214.855 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

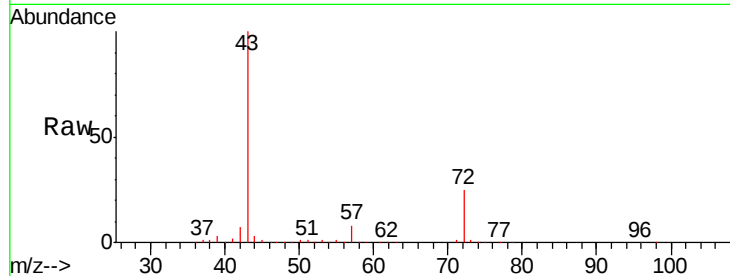
VSTDCCC050EC

Tgt Ion: 43 Resp: 486228

Ion Ratio Lower Upper

43 100

72 25.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

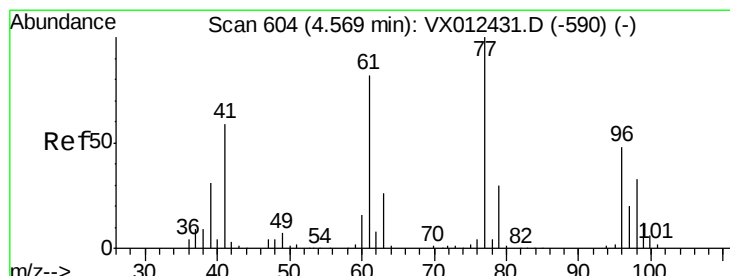
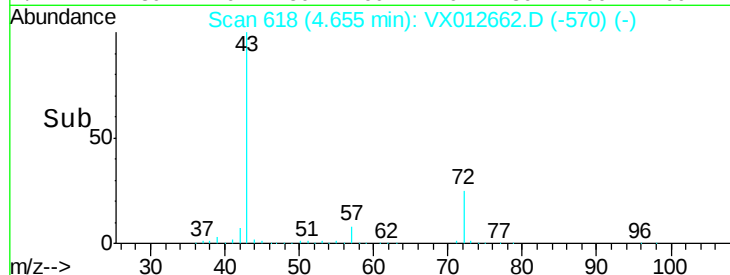
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.146 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012662.D

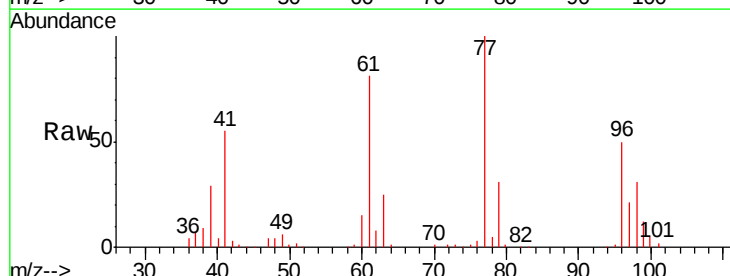
Acq: 25 Sep 2019 17:21

Tgt Ion: 77 Resp: 184085

Ion Ratio Lower Upper

77 100

97 22.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

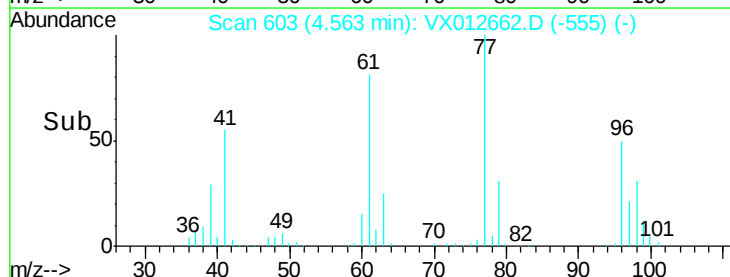
40000

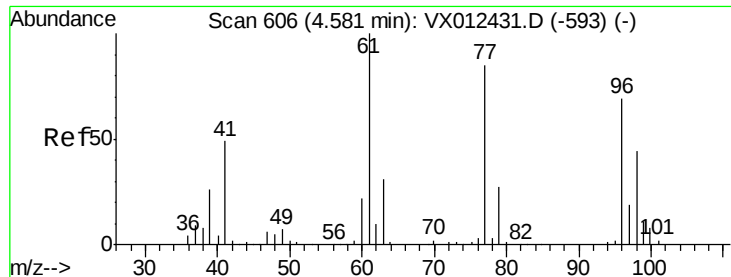
20000

0

4.40 4.50 4.60 4.70

Time-->



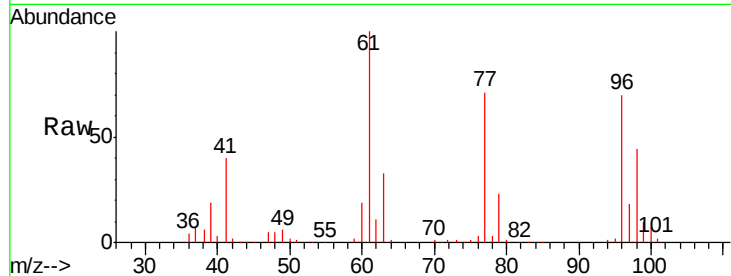


#27

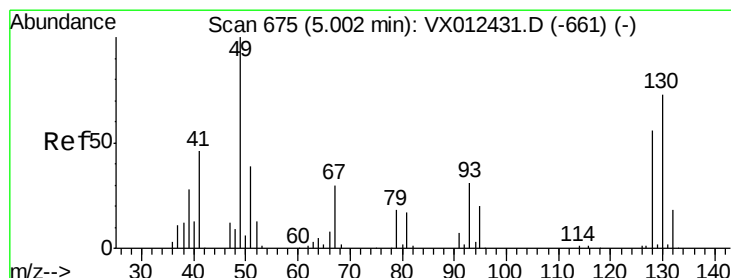
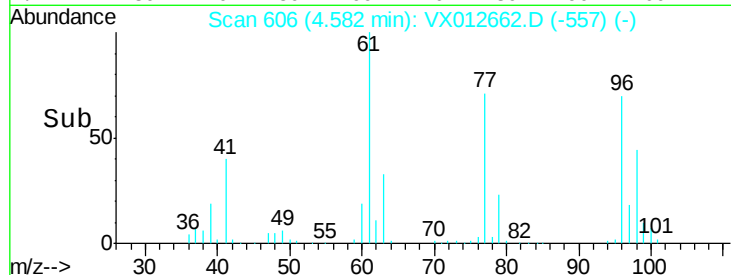
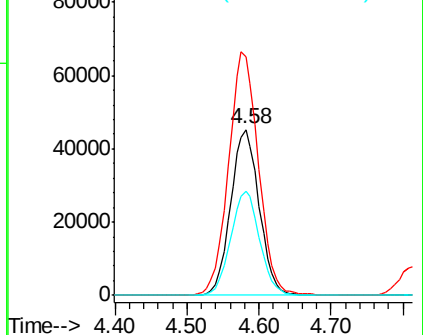
cis-1,2-Dichloroethene
Concen: 44.023 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 124502
Ion Ratio Lower Upper
96 100
61 153.6 0.0 319.4
98 63.6 0.0 130.6



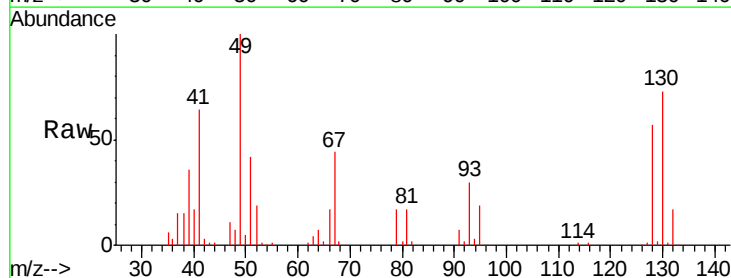
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



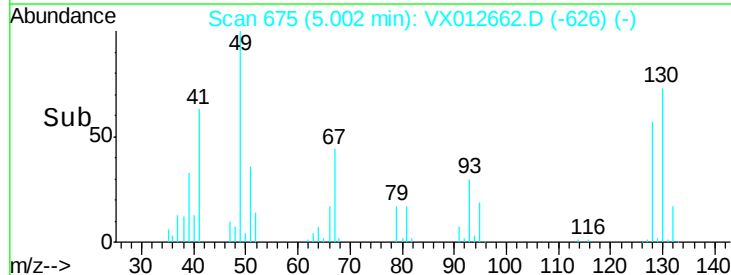
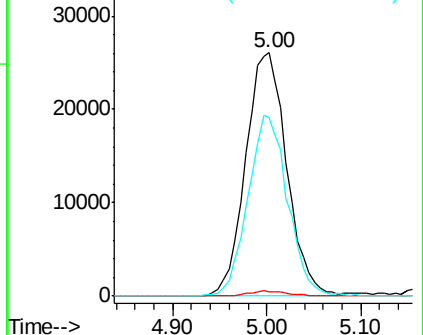
#28

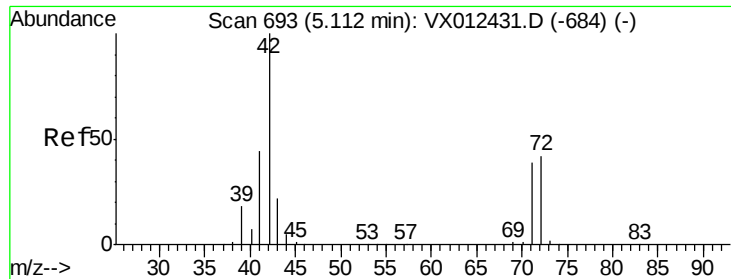
Bromochloromethane
Concen: 47.807 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 49 Resp: 79583
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 71.7 58.2 87.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

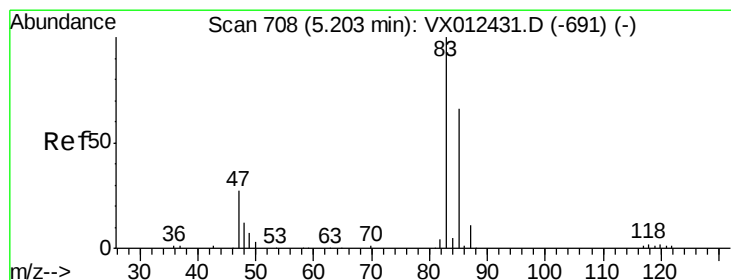
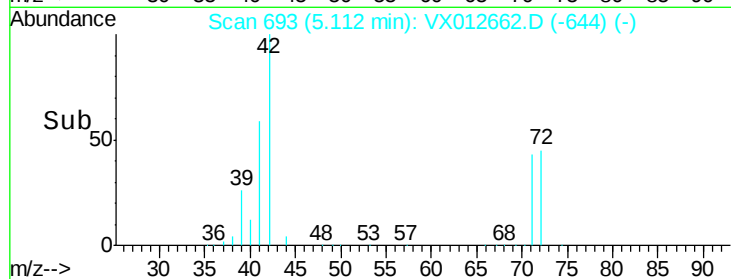
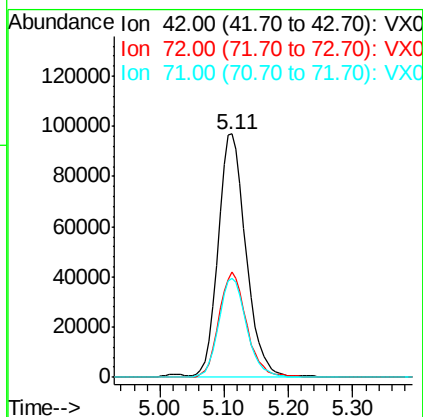
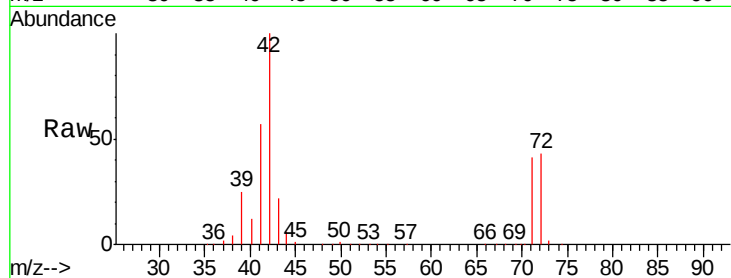




#29
Tetrahydrofuran
Concen: 213.618 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

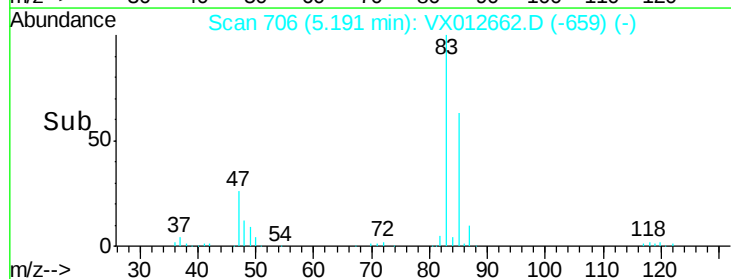
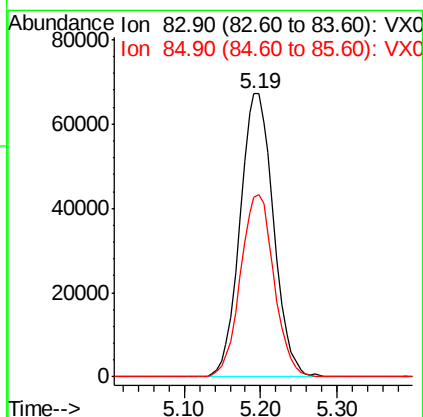
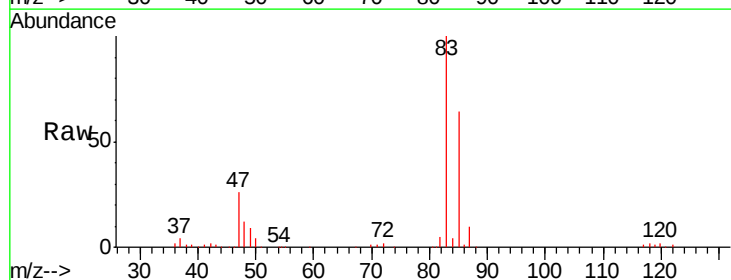
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

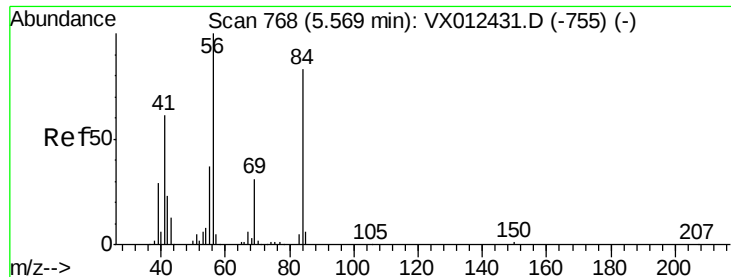
Tgt Ion: 42 Resp: 294652
Ion Ratio Lower Upper
42 100
72 43.3 34.0 51.0
71 40.7 31.5 47.3



#30
Chloroform
Concen: 43.651 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 83 Resp: 204745
Ion Ratio Lower Upper
83 100
85 63.6 53.0 79.4

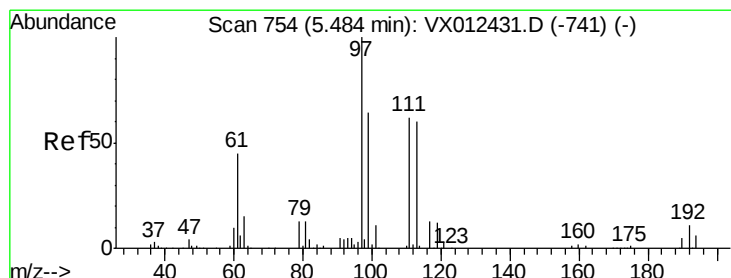
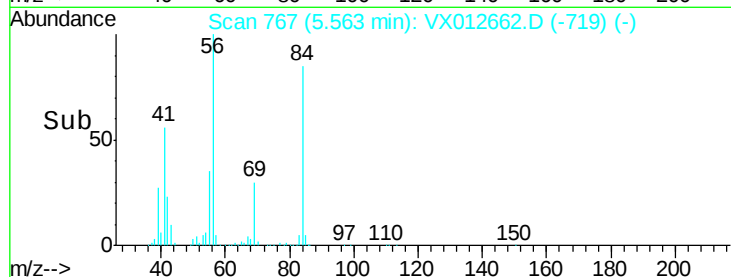
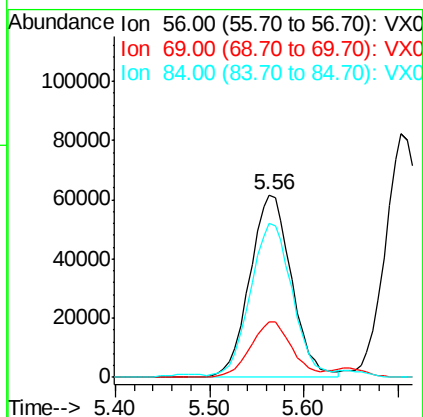
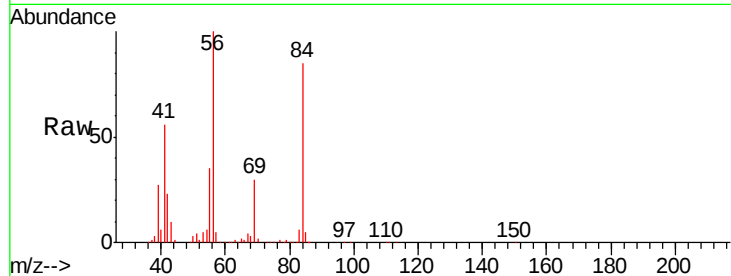




#31
Cyclohexane
Concen: 45.993 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

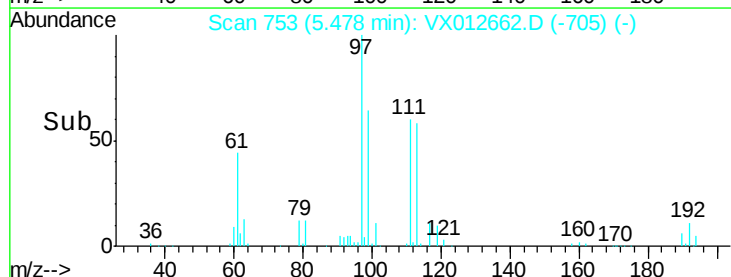
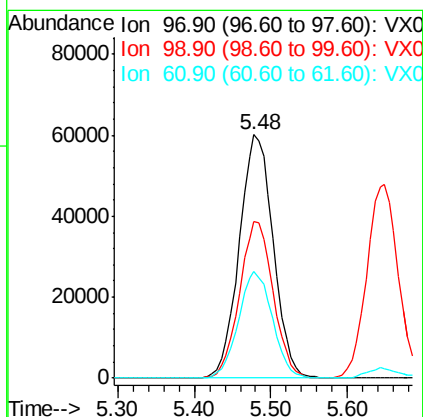
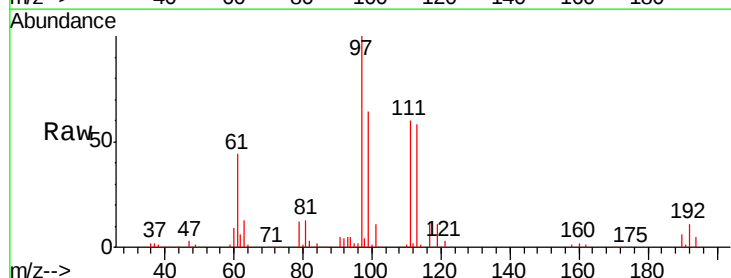
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

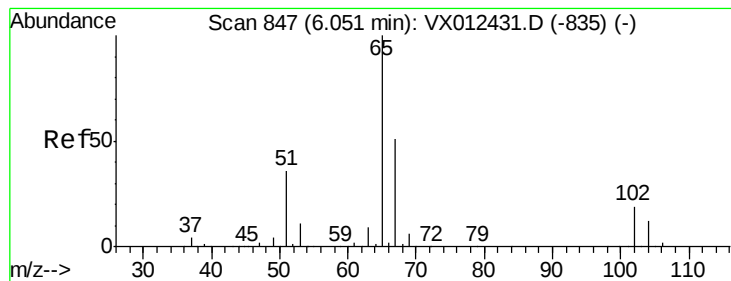
Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.0	37.6
84	83.1	66.4	99.6



#32
1,1,1-Trichloroethane
Concen: 44.612 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	43.9	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 48.295 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

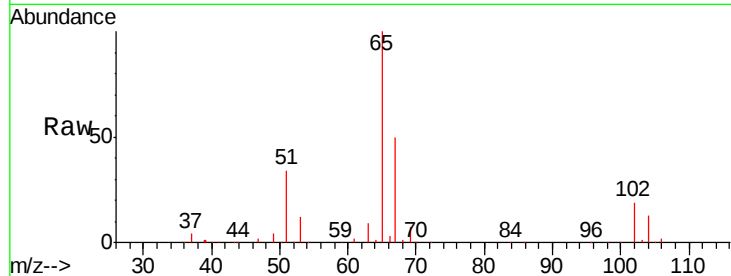
VSTDCCC050EC

Tgt Ion: 65 Resp: 143907

Ion Ratio Lower Upper

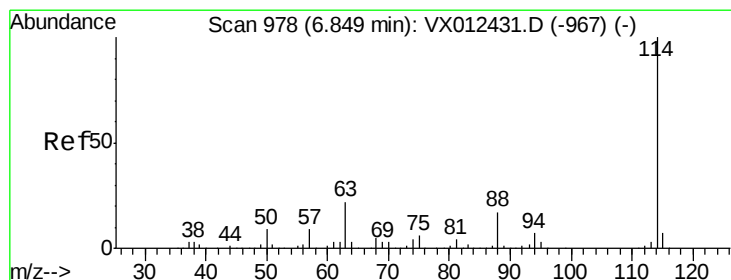
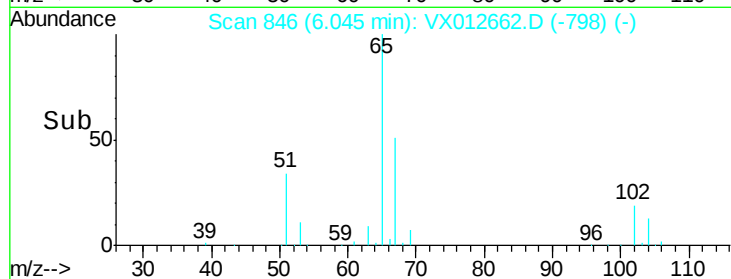
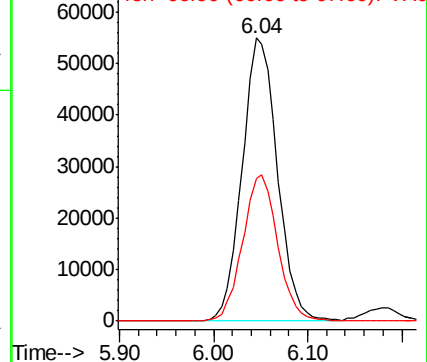
65 100

67 51.3 0.0 101.2



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: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

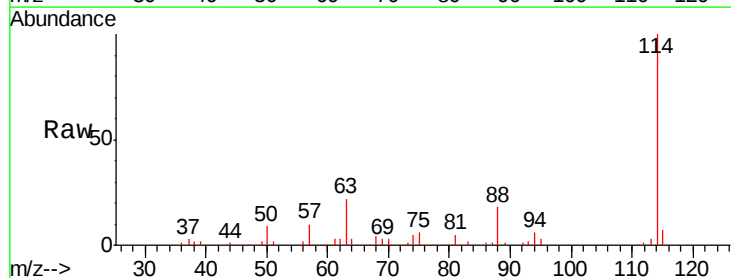
Tgt Ion: 114 Resp: 348224

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

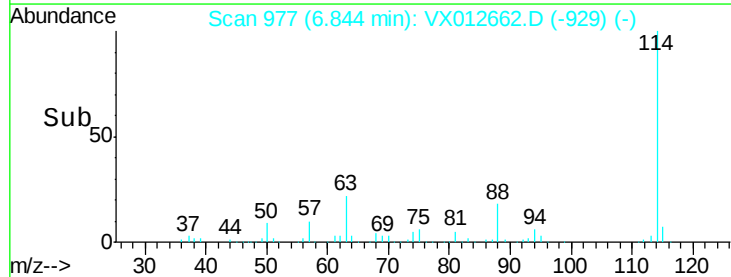
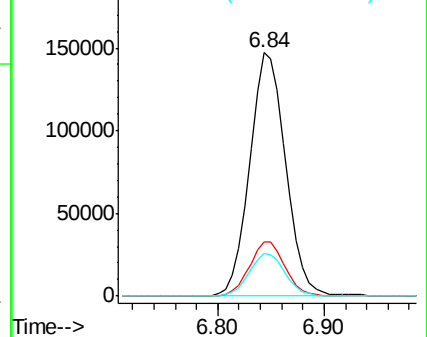
88 17.5 0.0 33.2

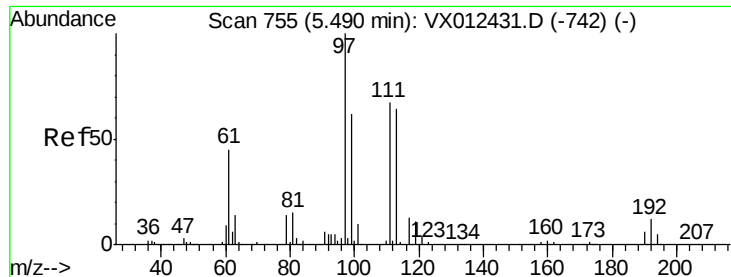


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.845 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

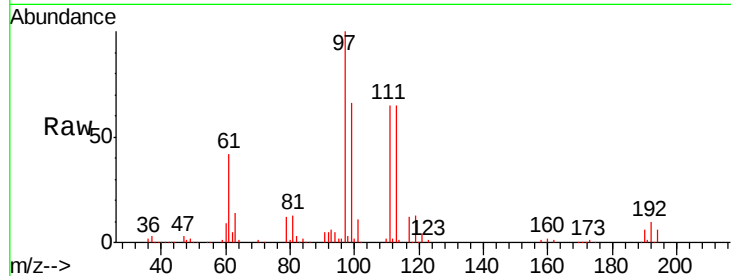
Tgt Ion:113 Resp: 107517

Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

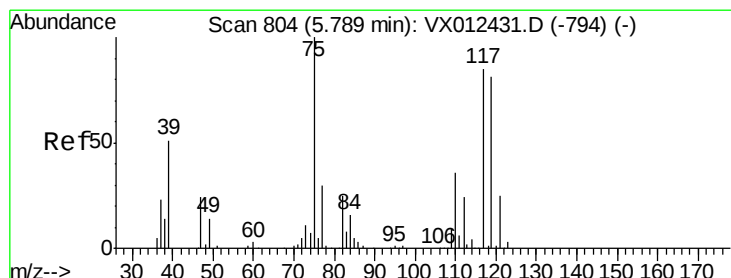
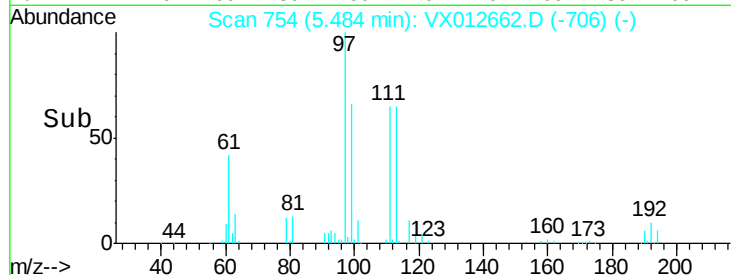
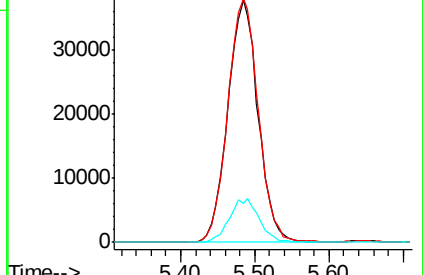
192 17.8 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.935 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

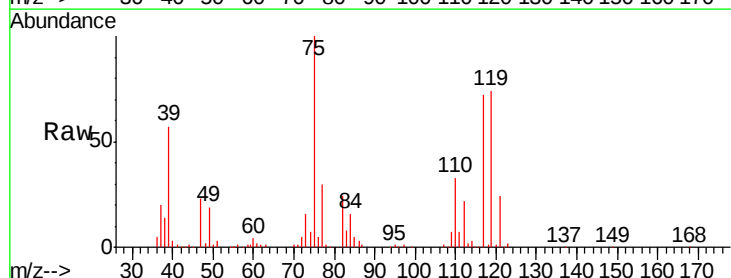
Tgt Ion: 75 Resp: 154182

Ion Ratio Lower Upper

75 100

110 34.0 16.7 50.0

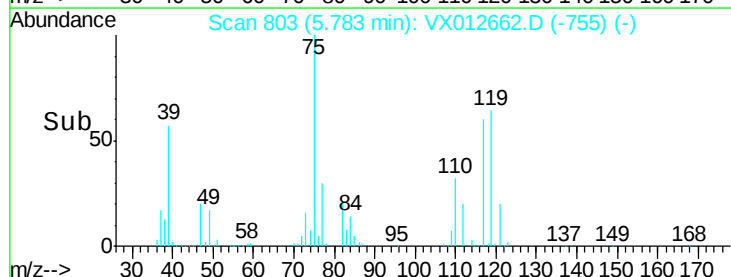
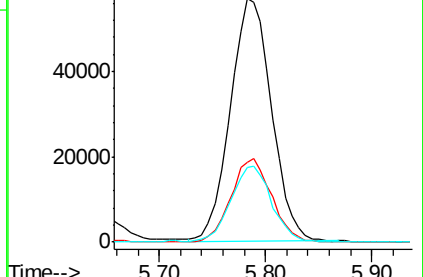
77 31.3 24.2 36.2

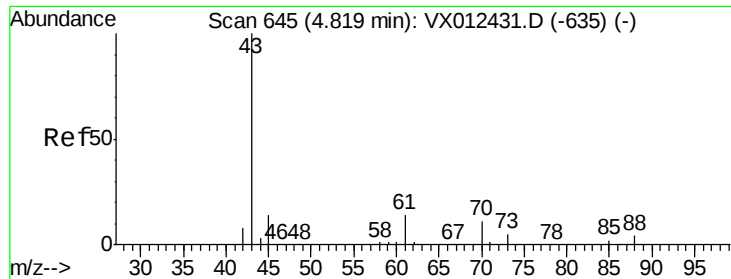


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 45.087 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

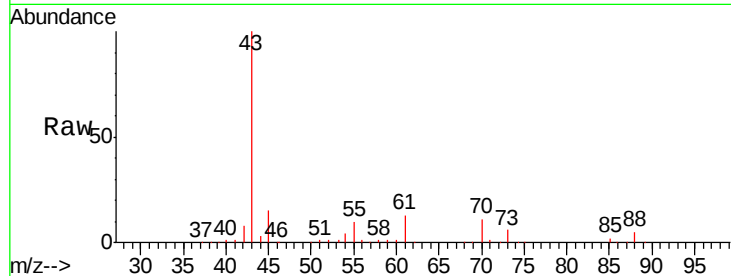
Tgt Ion: 43 Resp: 176925

Ion Ratio Lower Upper

43 100

61 13.9 10.2 15.4

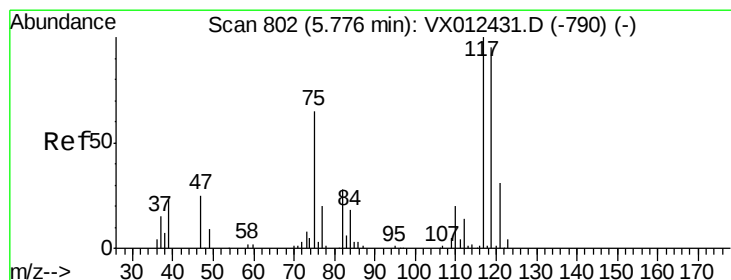
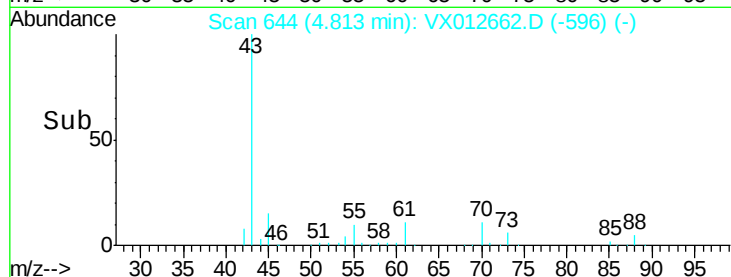
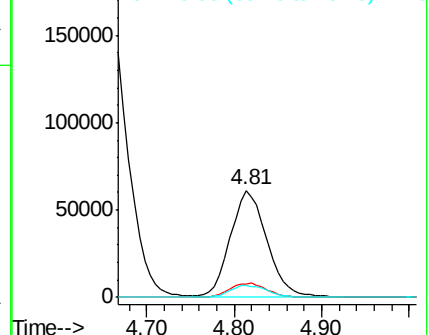
70 11.2 8.7 13.1



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: 45.350 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

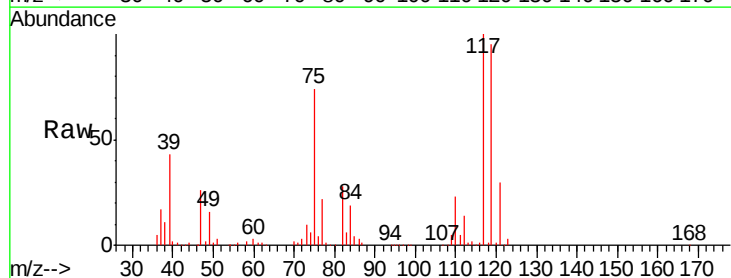
Tgt Ion: 117 Resp: 154628

Ion Ratio Lower Upper

117 100

119 95.3 75.7 113.5

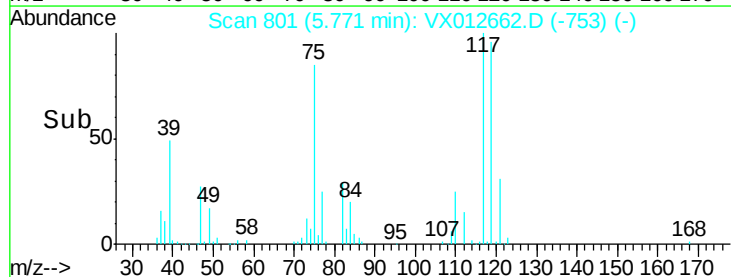
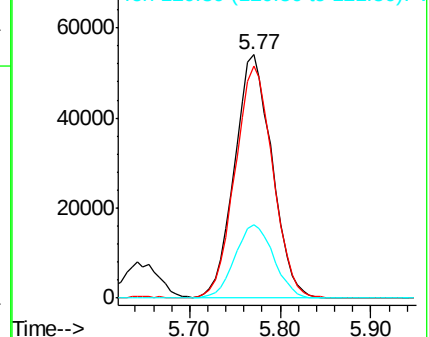
121 30.3 24.2 36.4

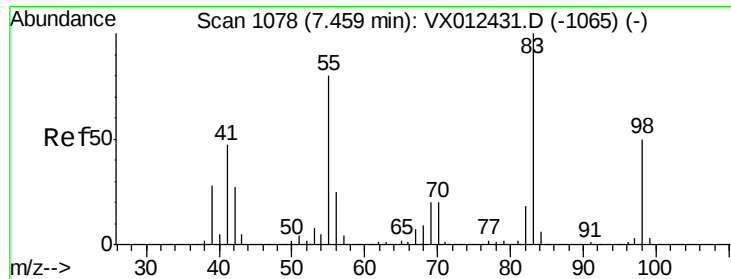


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

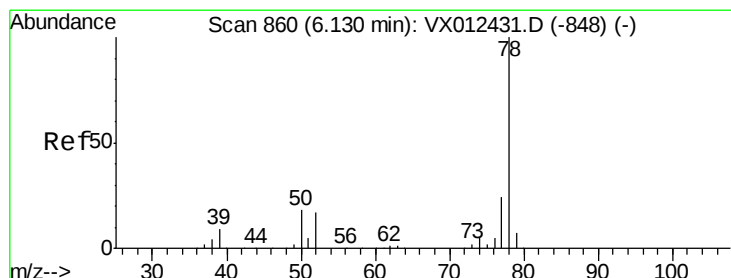
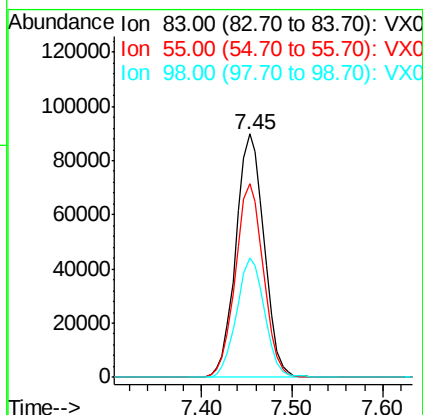
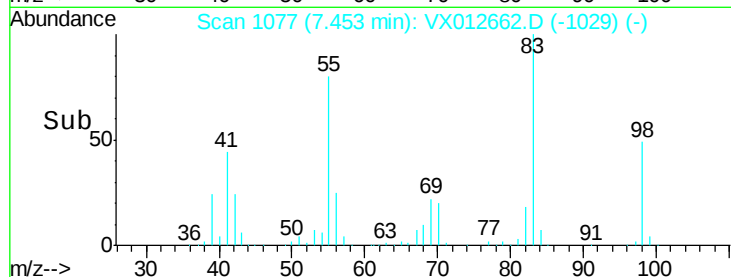
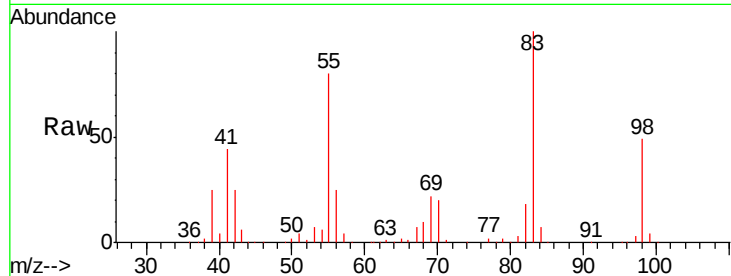




#39
Methylcyclohexane
Concen: 47.979 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

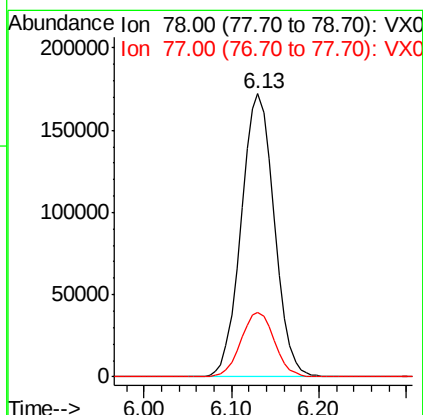
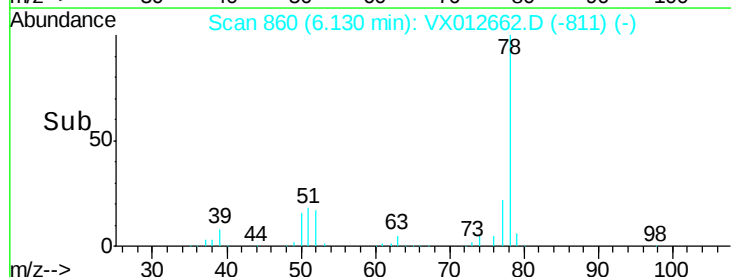
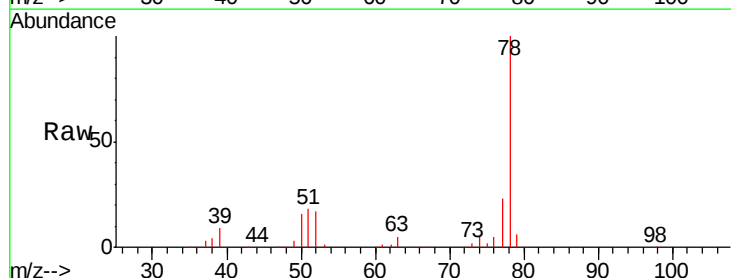
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

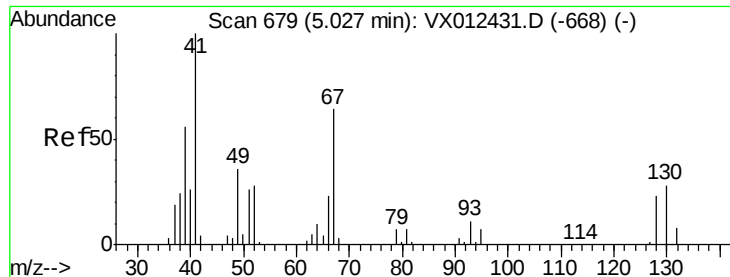
Tgt Ion: 83 Resp: 193871
Ion Ratio Lower Upper
83 100
55 79.7 64.4 96.6
98 49.0 40.1 60.1



#40
Benzene
Concen: 45.847 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 78 Resp: 452772
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8





#41

Methacrylonitrile

Concen: 45.111 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 99321

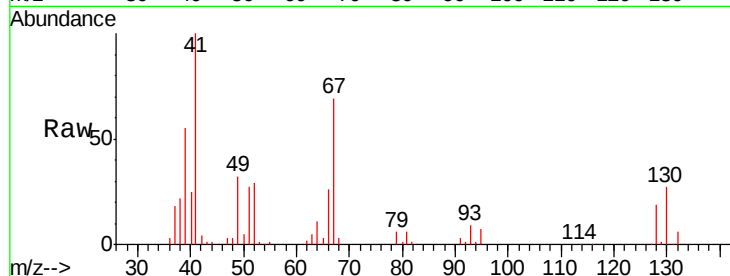
Ion Ratio Lower Upper

41 100

39 54.6 46.0 69.0

67 67.8 52.2 78.2

52 29.8 22.7 34.1

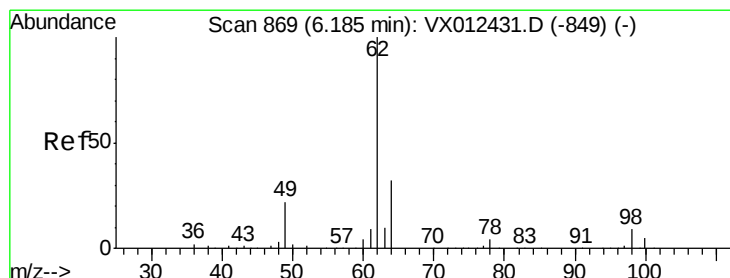
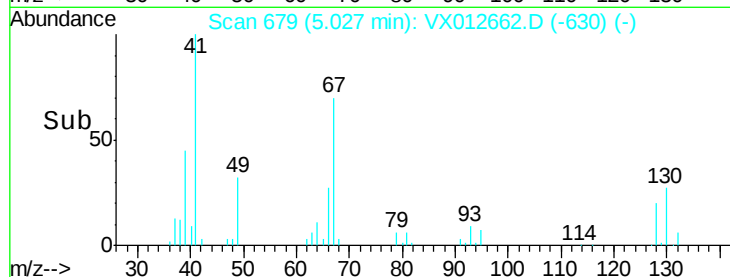
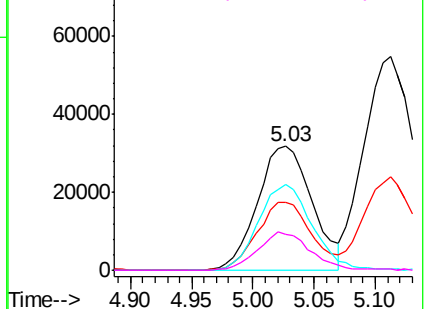


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 45.877 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012662.D

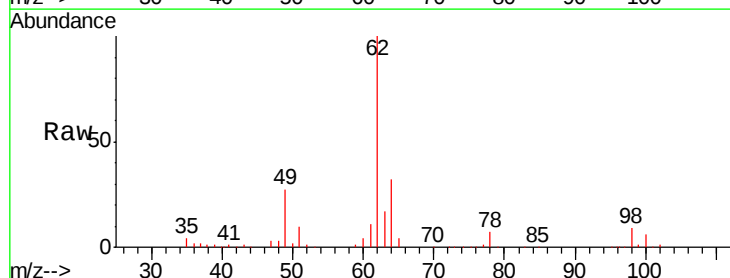
Acq: 25 Sep 2019 17:21

Tgt Ion: 62 Resp: 172048

Ion Ratio Lower Upper

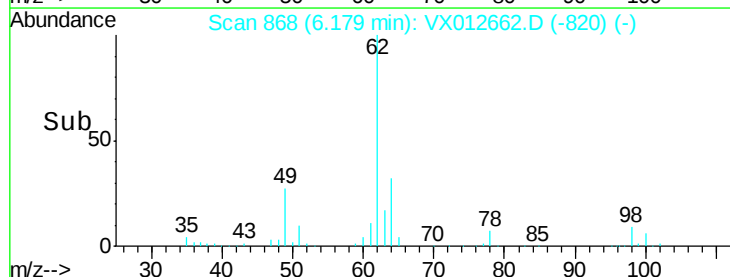
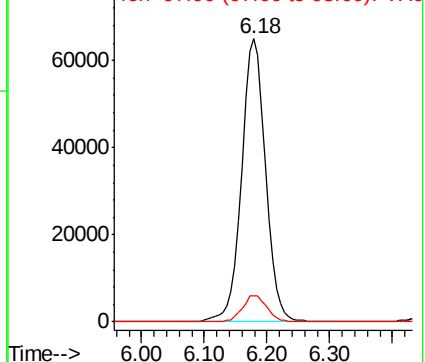
62 100

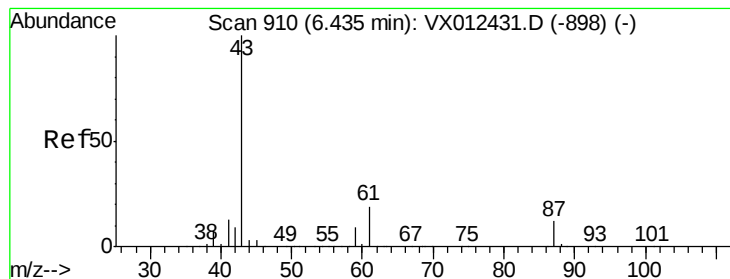
98 9.6 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 44.934 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

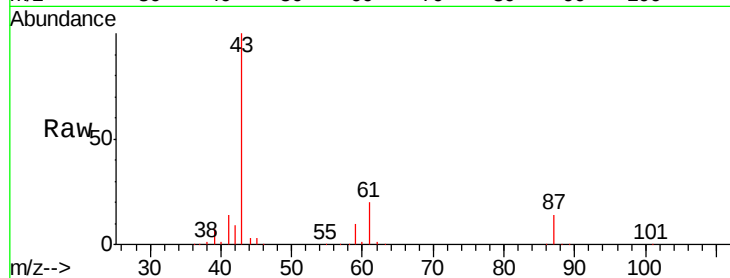
Tgt Ion: 43 Resp: 294871

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.0

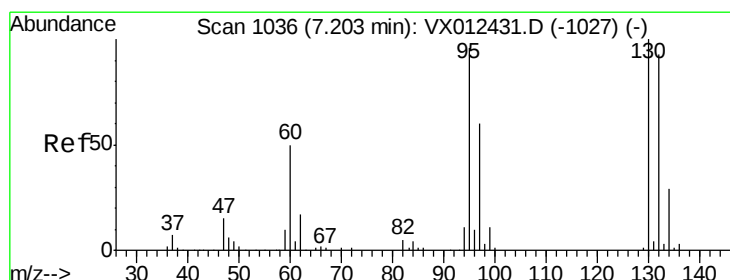
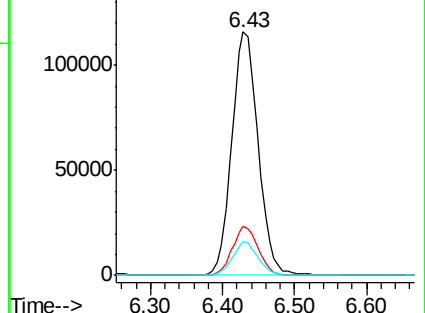
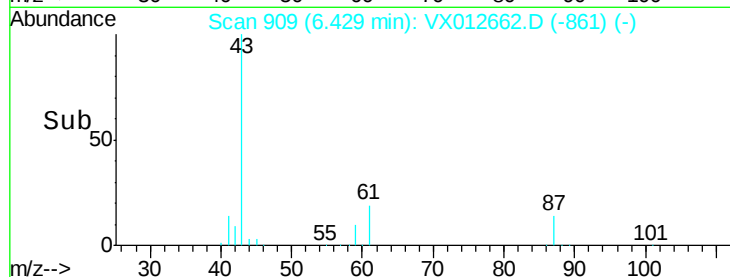
87 13.2 9.8 14.8



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: 45.912 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012662.D

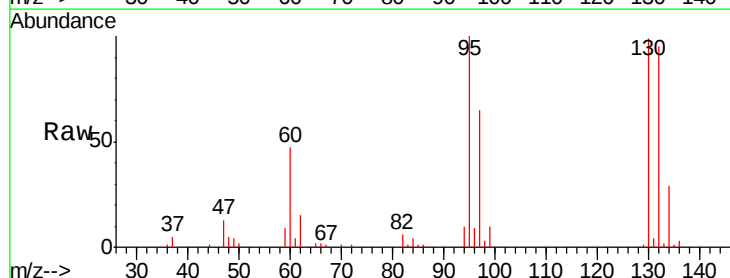
Acq: 25 Sep 2019 17:21

Tgt Ion: 130 Resp: 115913

Ion Ratio Lower Upper

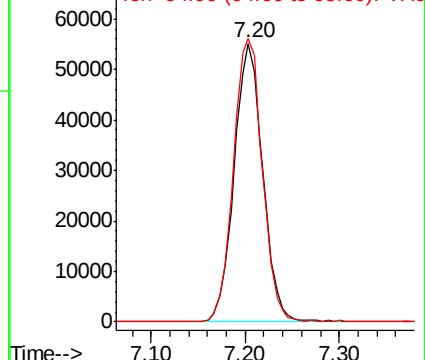
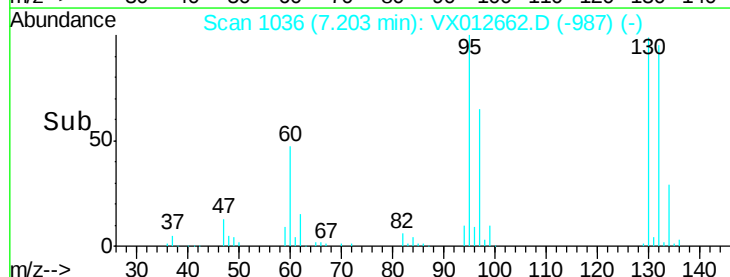
130 100

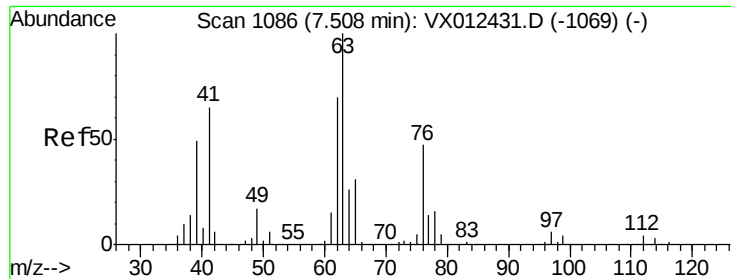
95 101.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.090 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

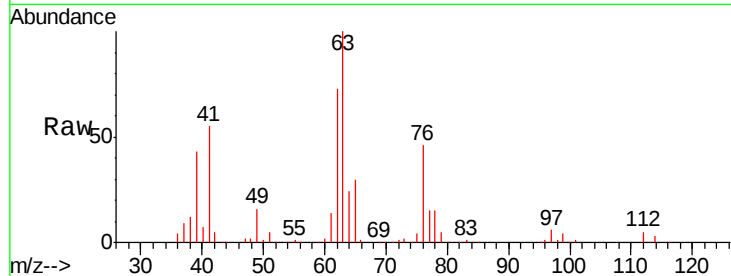
VSTDCCC050EC

Tgt Ion: 63 Resp: 119065

Ion Ratio Lower Upper

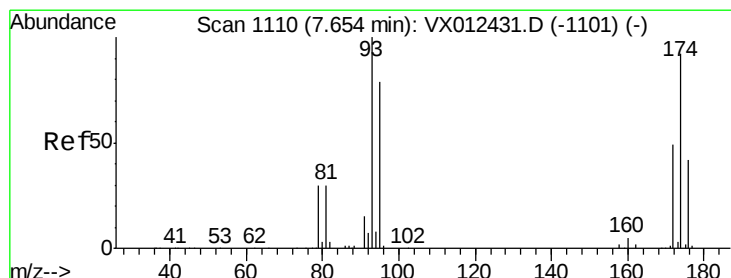
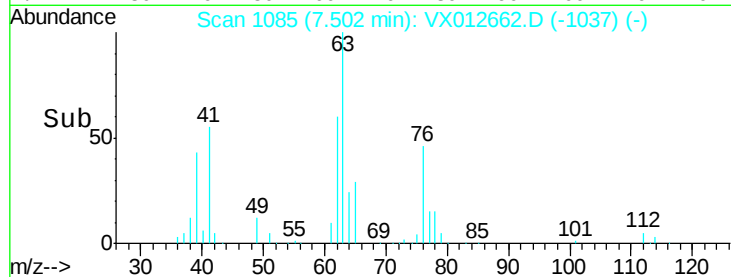
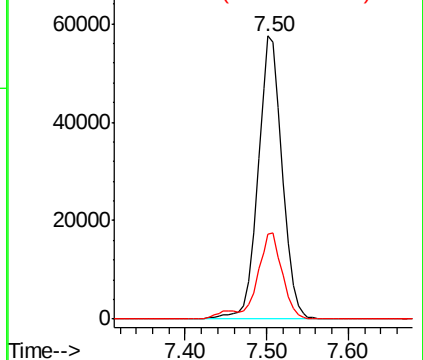
63 100

65 29.8 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 45.222 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

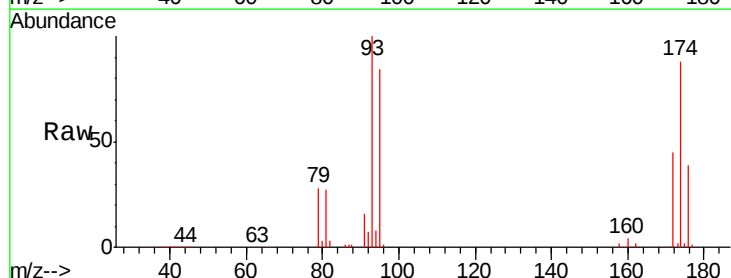
Tgt Ion: 93 Resp: 77850

Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

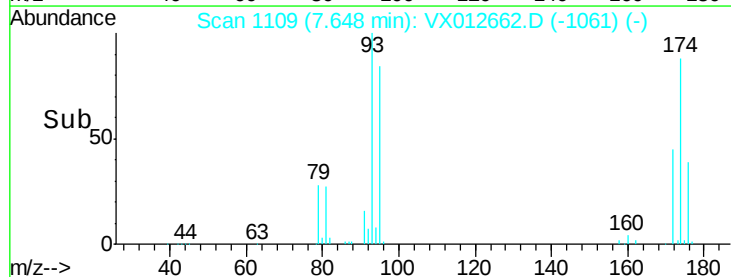
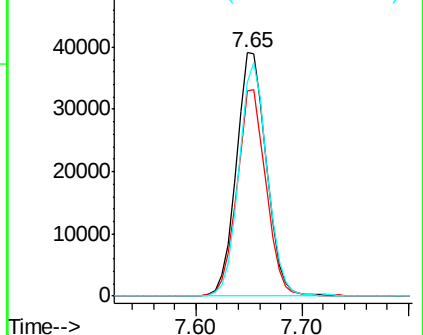
174 90.1 77.4 116.0

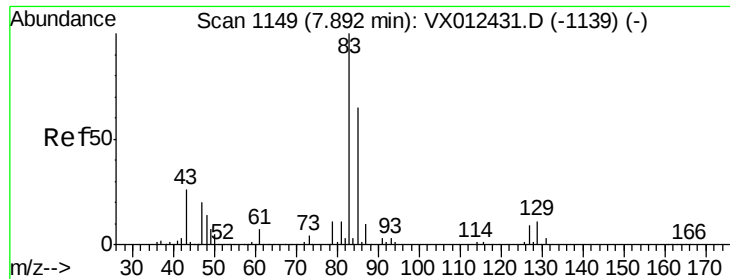


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.150 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

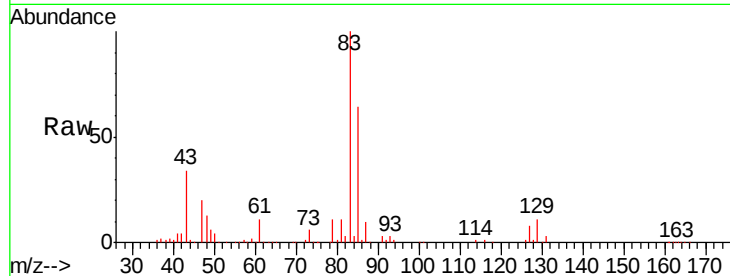
Tgt Ion: 83 Resp: 158783

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

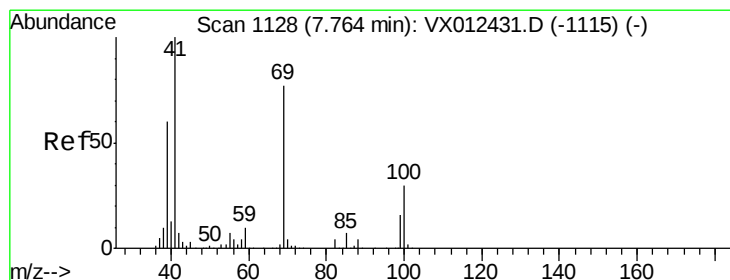
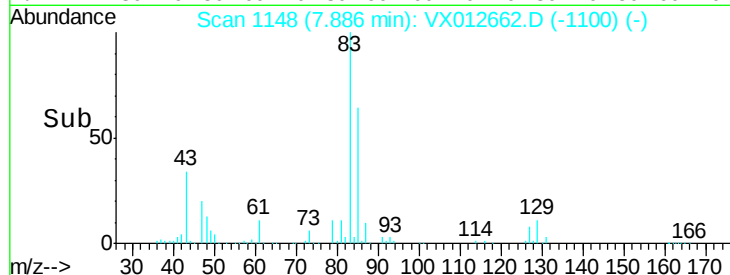
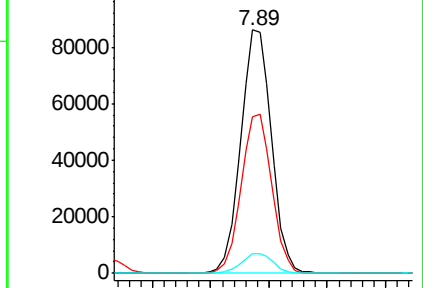
127 8.0 7.3 10.9



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: 45.781 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

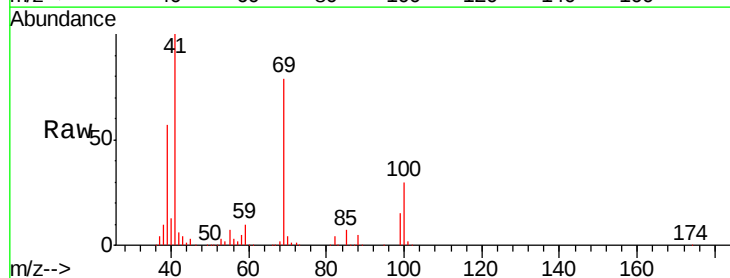
Tgt Ion: 41 Resp: 144054

Ion Ratio Lower Upper

41 100

69 80.7 59.9 89.9

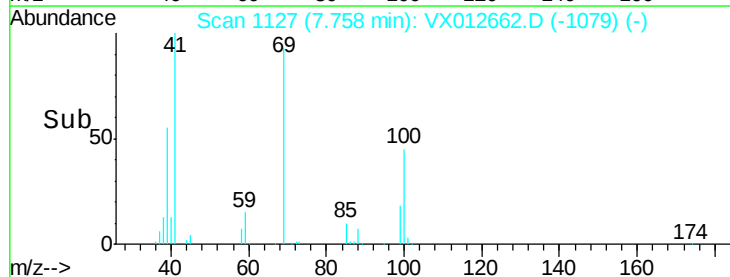
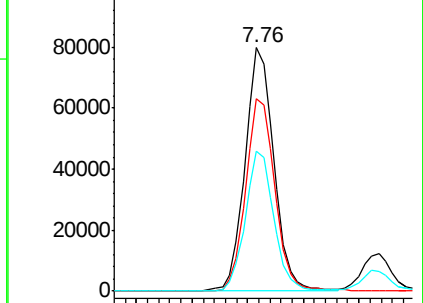
39 56.9 47.8 71.6

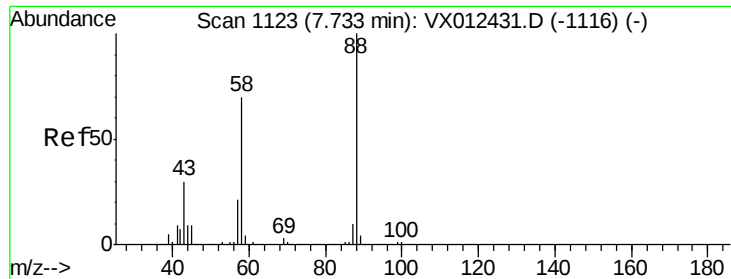


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

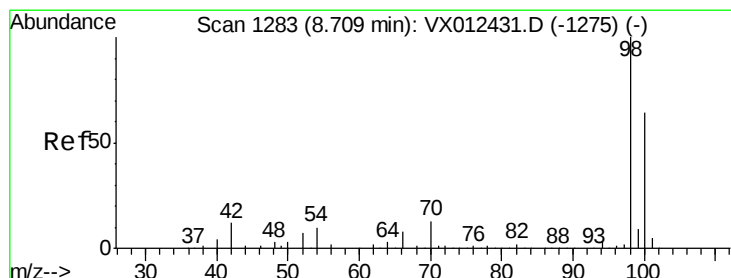
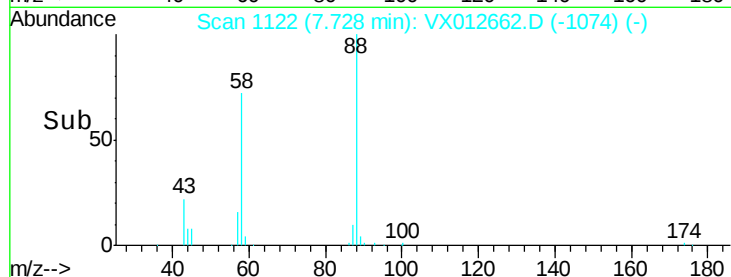
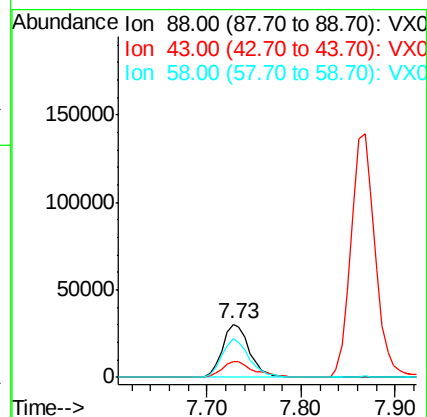
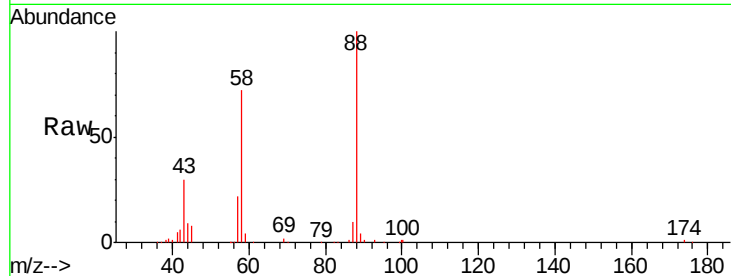




#49
1,4-Dioxane
Concen: 846.750 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

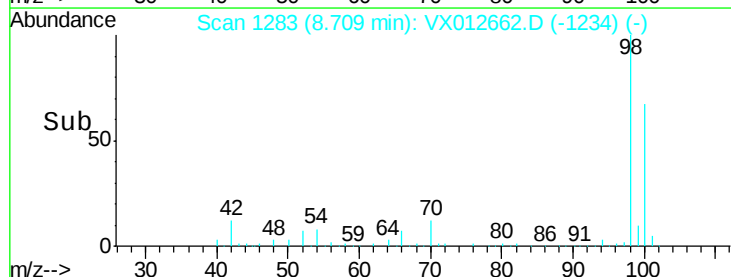
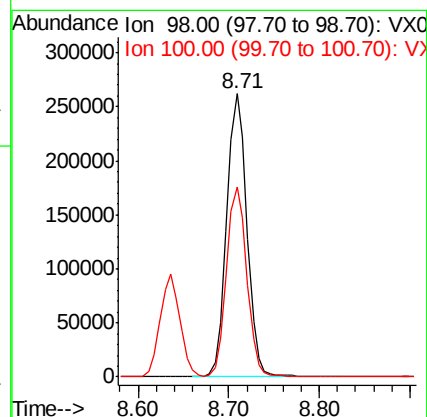
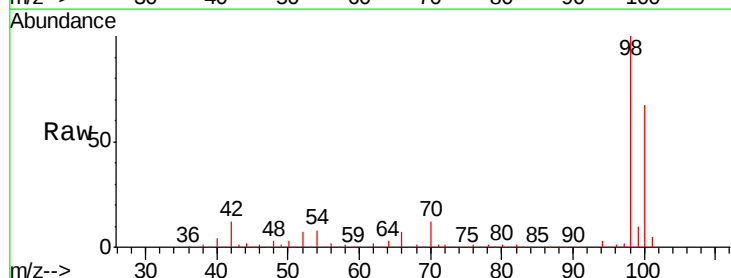
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

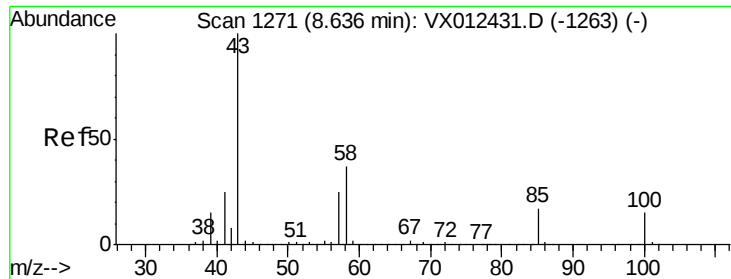
Tgt Ion: 88 Resp: 60433
Ion Ratio Lower Upper
88 100
43 34.7 29.4 44.0
58 72.8 57.5 86.3



#50
Toluene-d8
Concen: 51.291 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 98 Resp: 409629
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 221.940 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

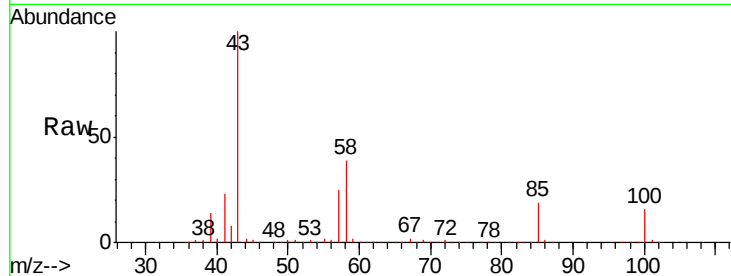
VSTDCCC050EC

Tgt Ion: 43 Resp: 899036

Ion Ratio Lower Upper

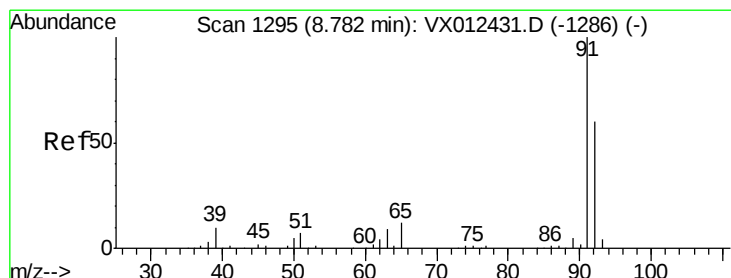
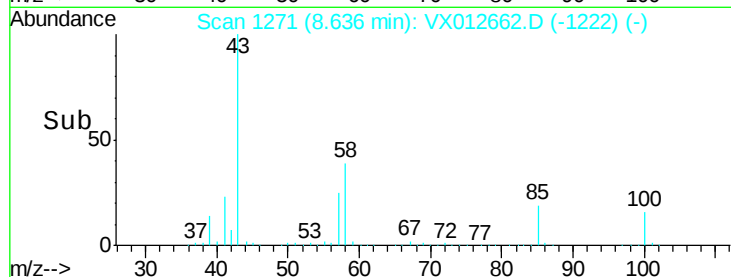
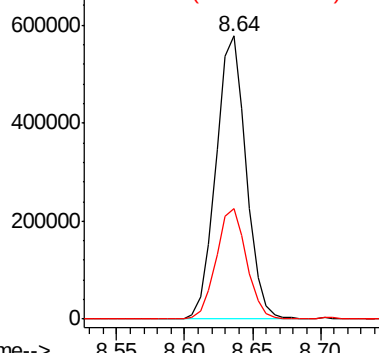
43 100

58 39.3 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.048 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012662.D

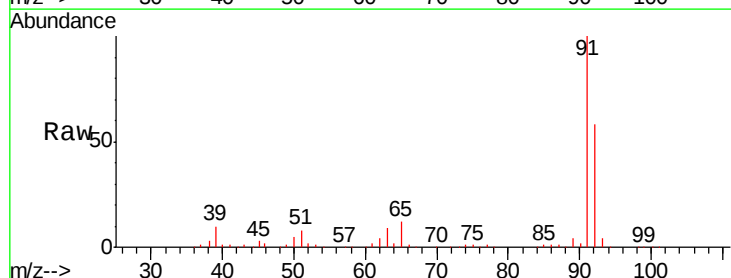
Acq: 25 Sep 2019 17:21

Tgt Ion: 92 Resp: 285821

Ion Ratio Lower Upper

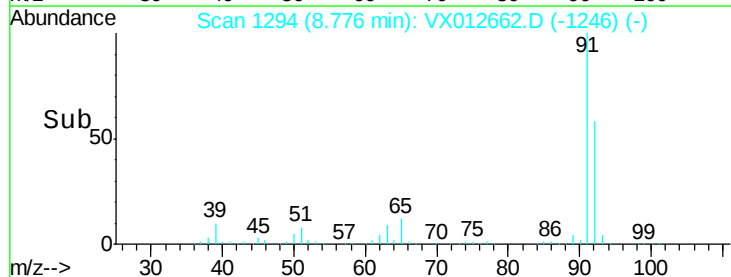
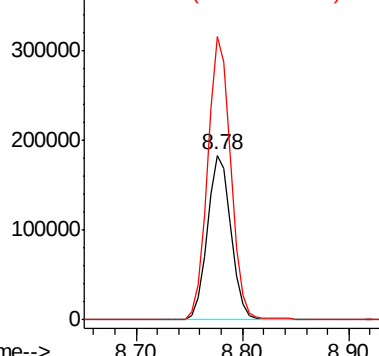
92 100

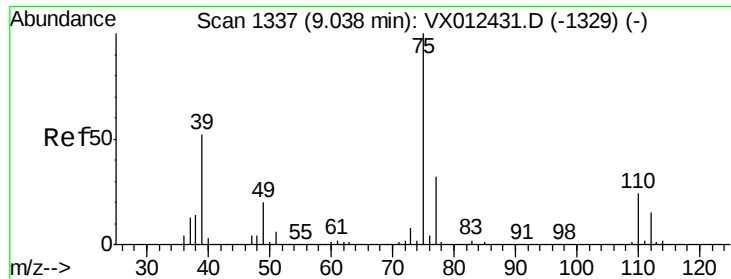
91 169.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

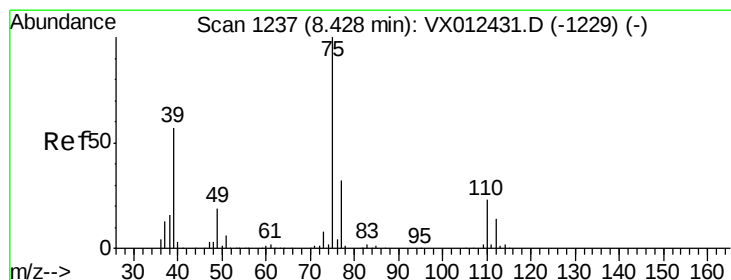
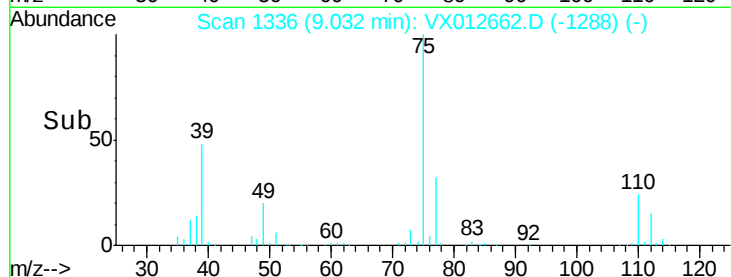
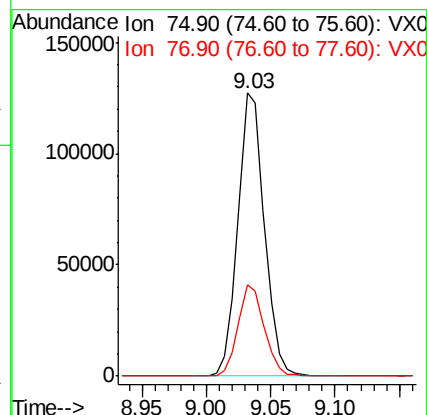
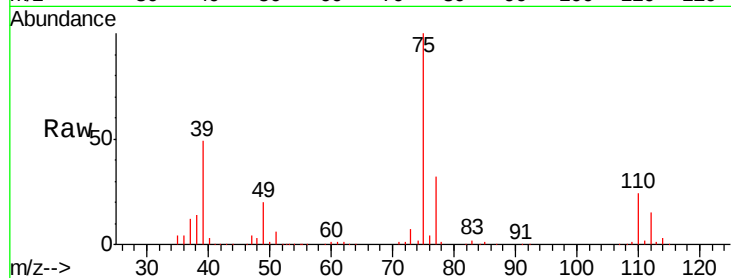




#53
t-1,3-Dichloropropene
Concen: 48.067 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

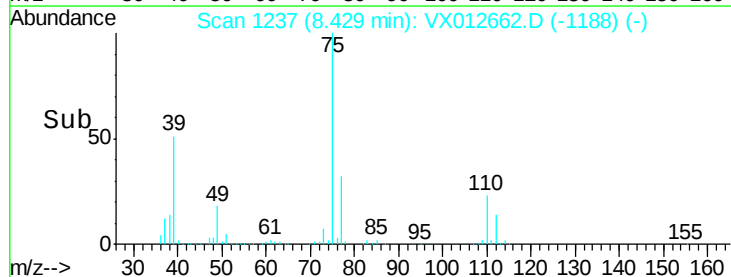
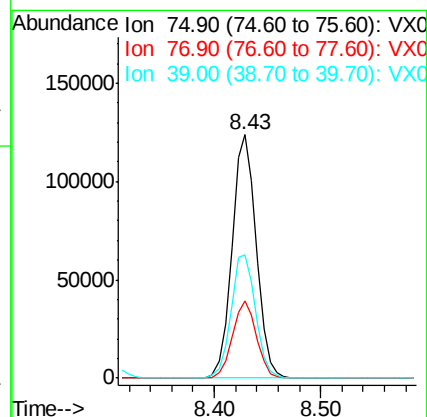
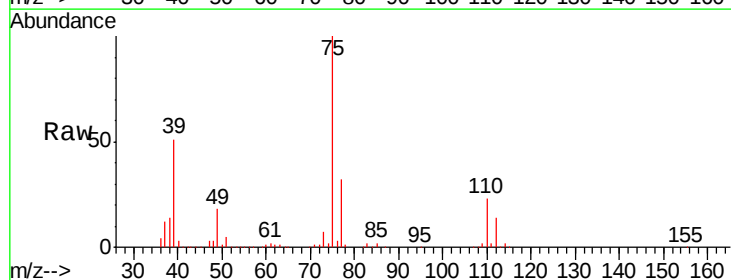
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

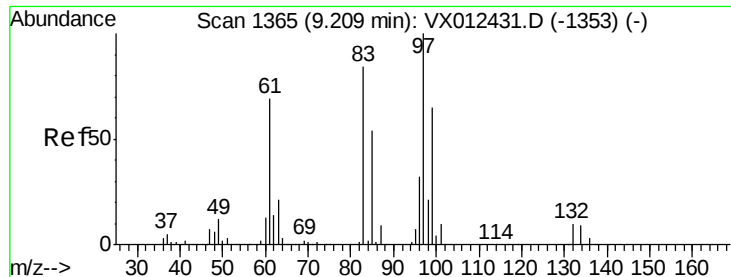
Tgt Ion: 75 Resp: 182978
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 47.462 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 75 Resp: 197269
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8
39 50.7 45.5 68.3

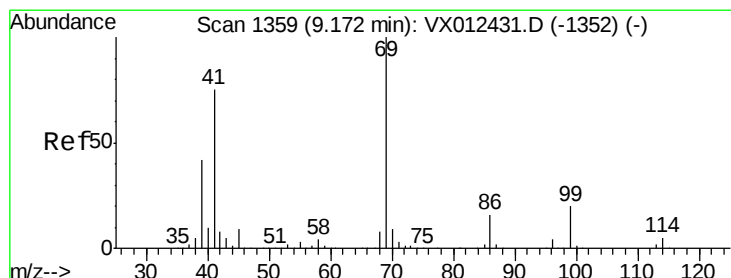
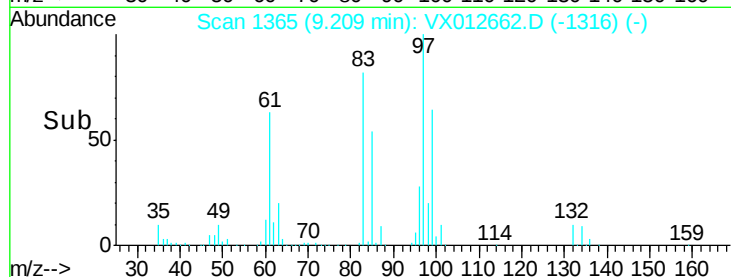
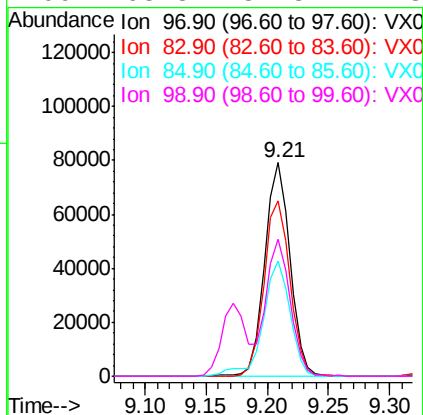
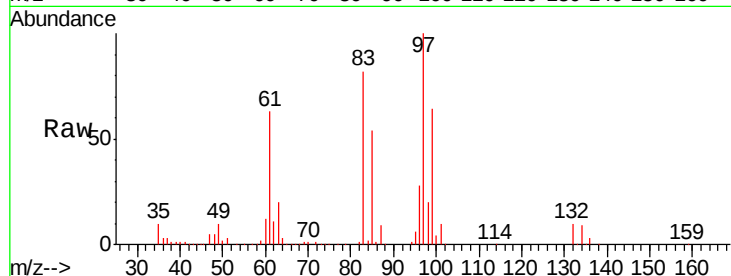




#55
 1,1,2-Trichloroethane
 Concen: 46.399 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

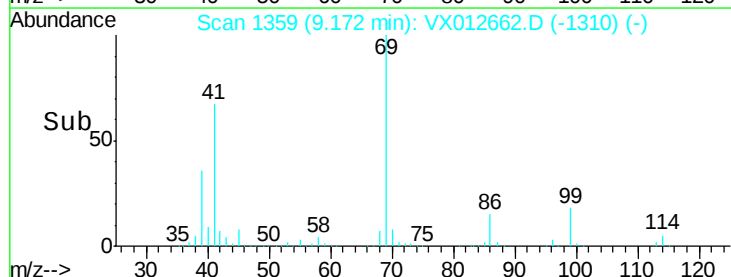
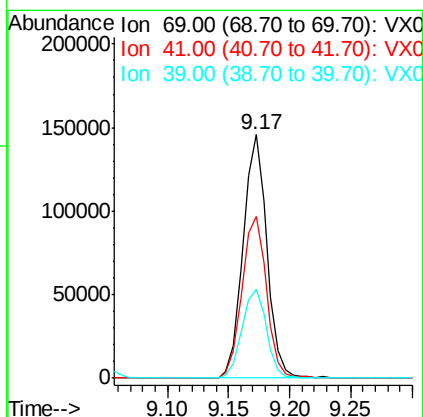
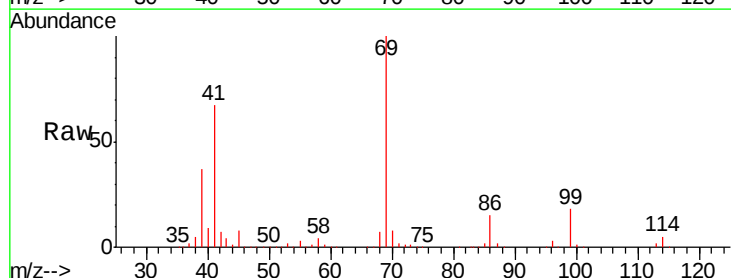
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

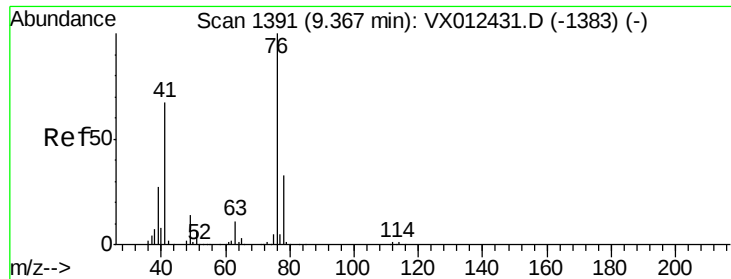
Tgt Ion:	97	Resp:	114500
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.4	101.2
85	53.8	43.5	65.3
99	63.8	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 47.448 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion:	69	Resp:	196710
Ion	Ratio	Lower	Upper
69	100		
41	68.6	58.4	87.6
39	37.7	33.4	50.0





#57

1,3-Dichloropropane

Concen: 46.091 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

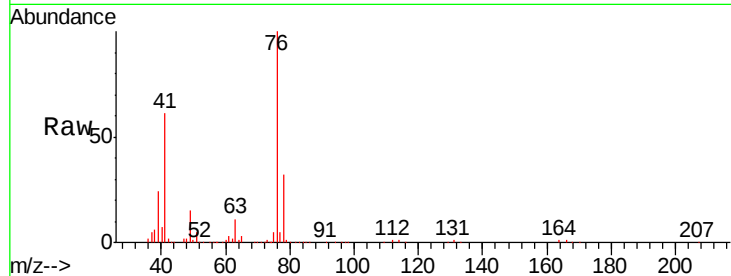
VSTDCCC050EC

Tgt Ion: 76 Resp: 199065

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

150000

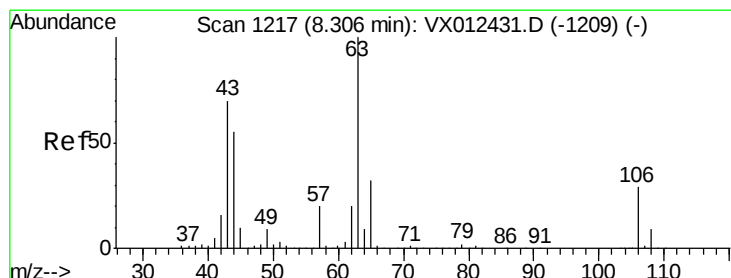
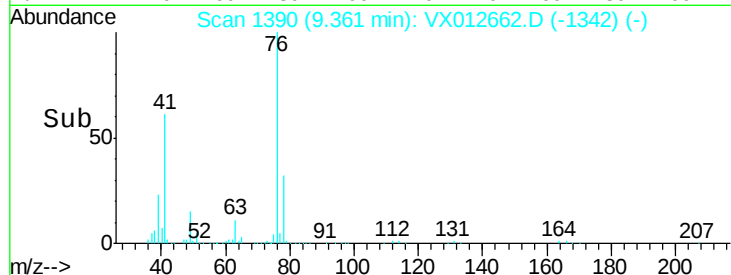
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 252.027 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012662.D

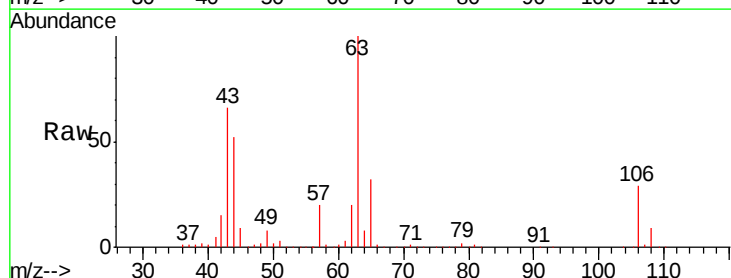
Acq: 25 Sep 2019 17:21

Tgt Ion: 63 Resp: 469006

Ion Ratio Lower Upper

63 100

106 28.7 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

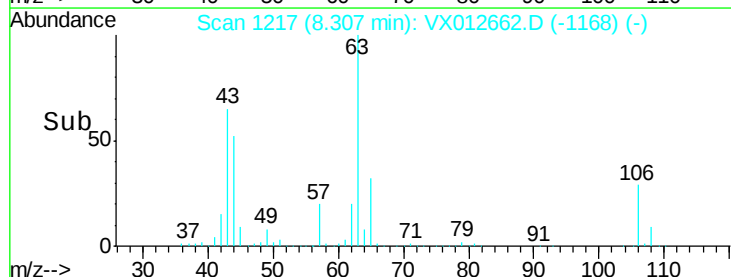
200000

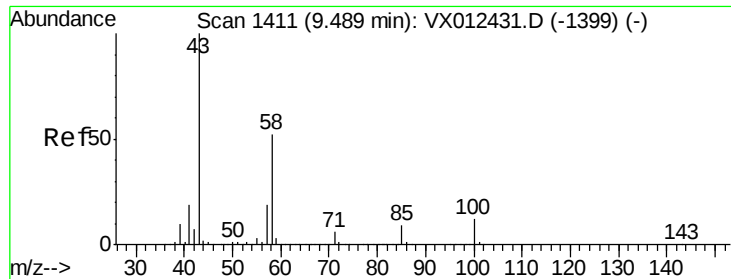
100000

0

8.20 8.25 8.30 8.35 8.40

Time-->

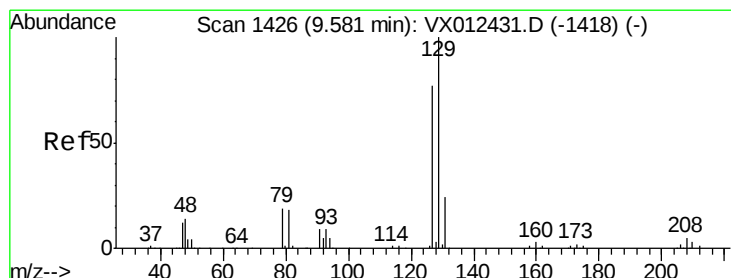
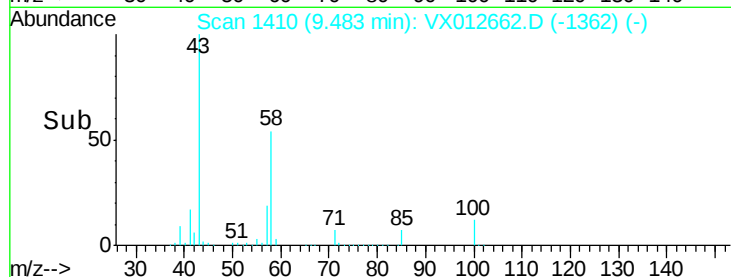
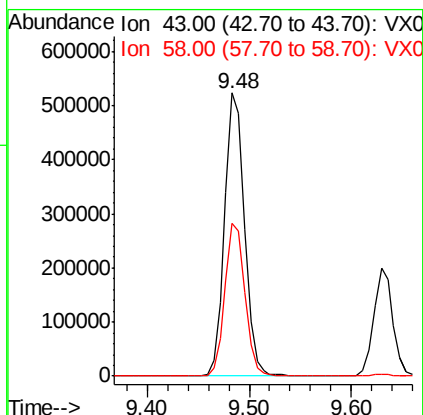
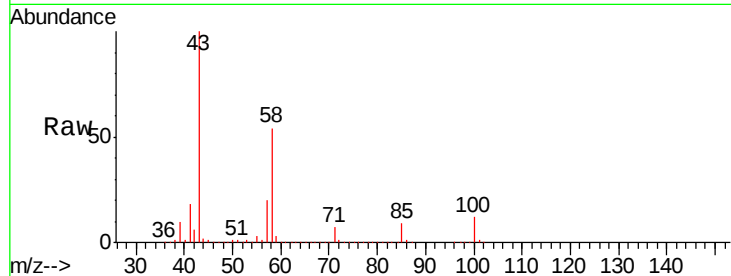




#59
2-Hexanone
Concen: 229.526 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

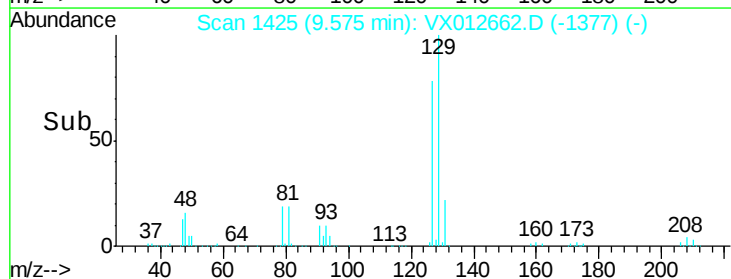
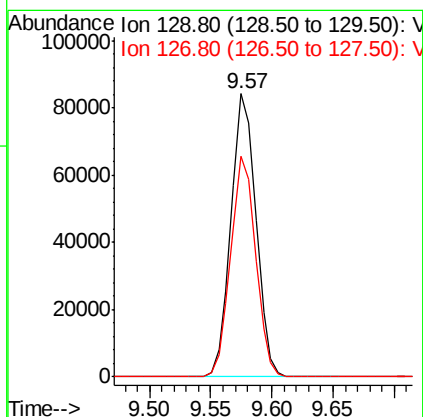
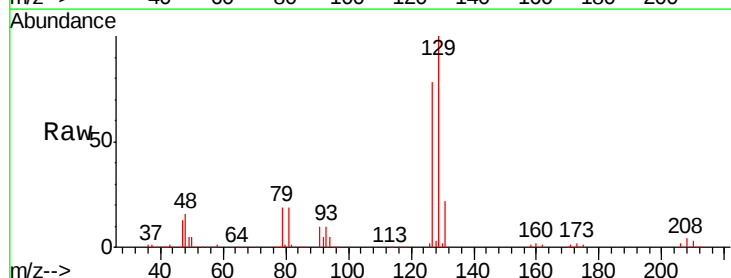
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

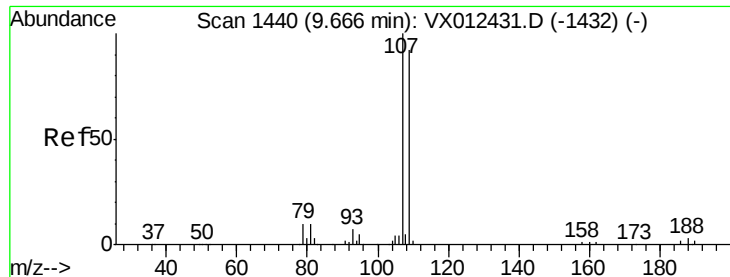
Tgt Ion: 43 Resp: 711679
Ion Ratio Lower Upper
43 100
58 54.6 25.7 77.1



#60
Dibromochloromethane
Concen: 47.613 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 129 Resp: 118940
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6

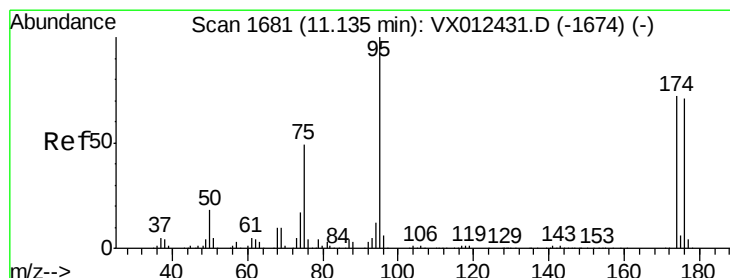
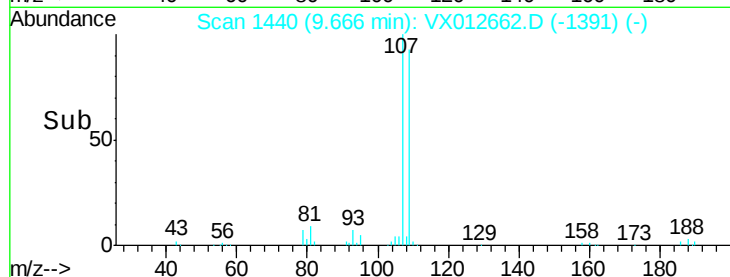
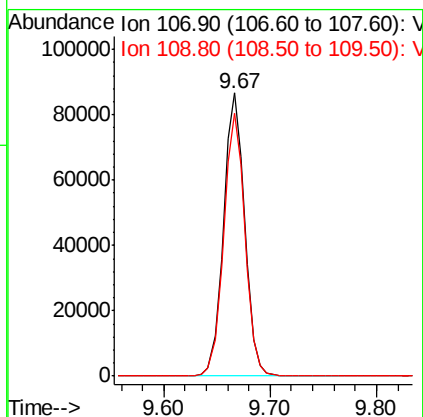
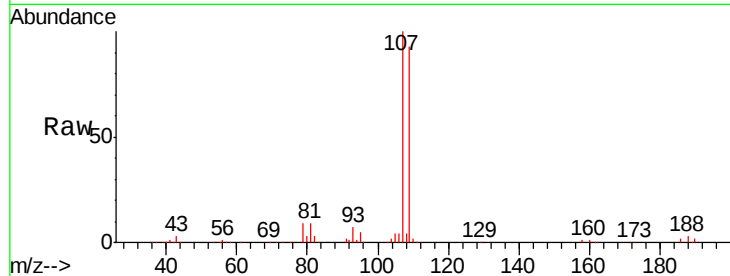




#61
 1,2-Dibromoethane
 Concen: 46.794 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

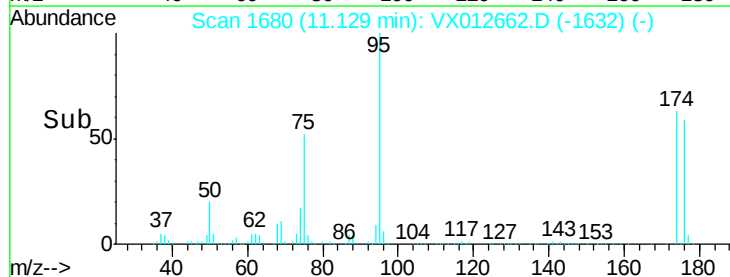
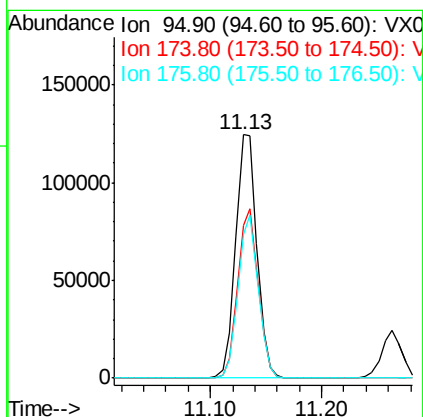
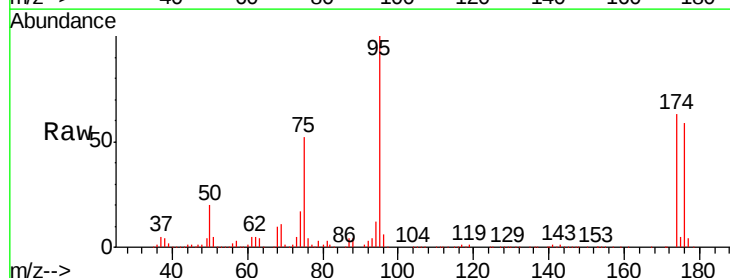
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

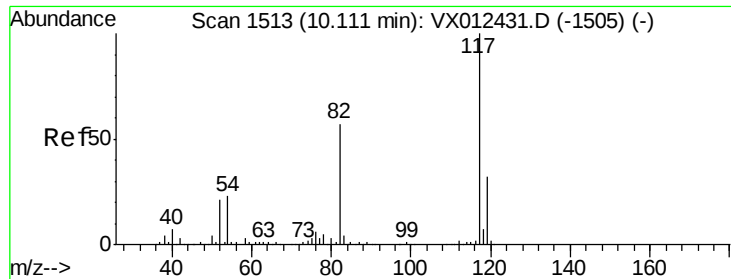
Tgt Ion: 107 Resp: 120177
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 52.514 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion: 95 Resp: 164908
 Ion Ratio Lower Upper
 95 100
 174 67.0 0.0 140.0
 176 63.6 0.0 135.4

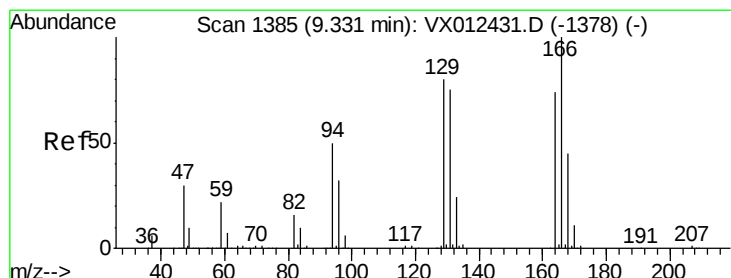
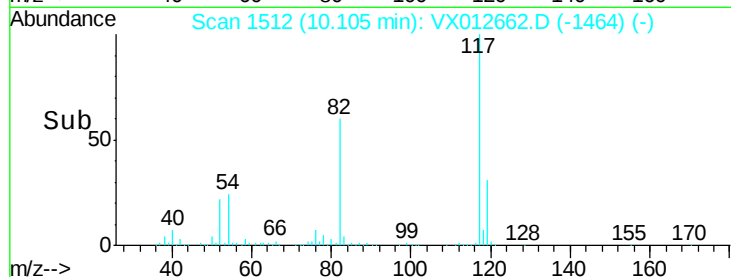
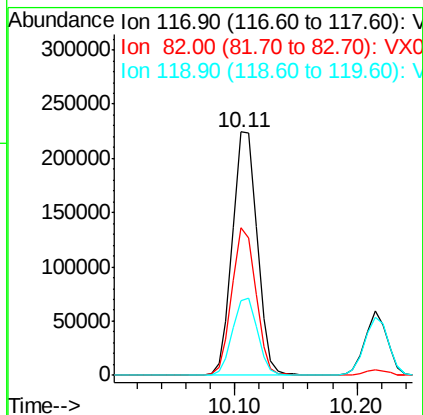
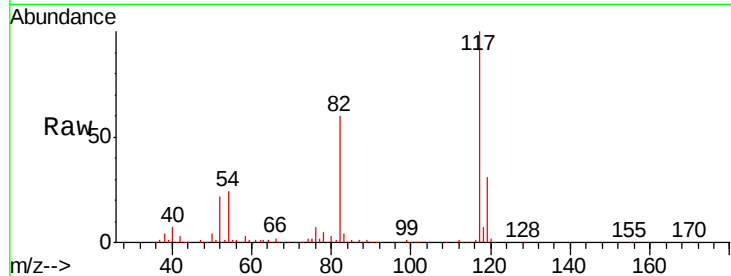




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

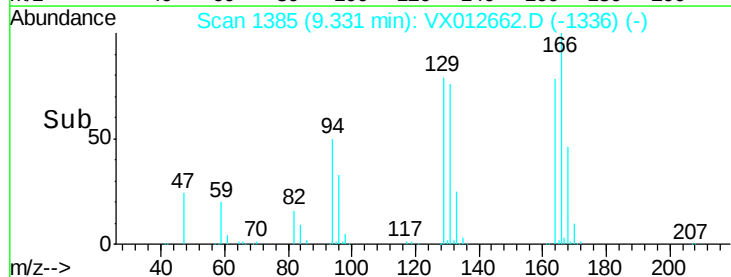
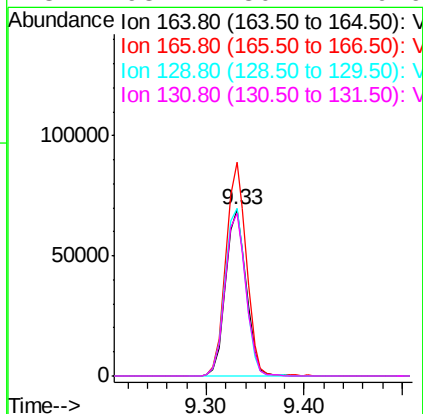
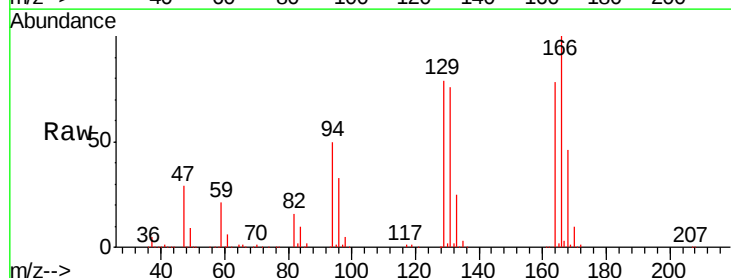
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

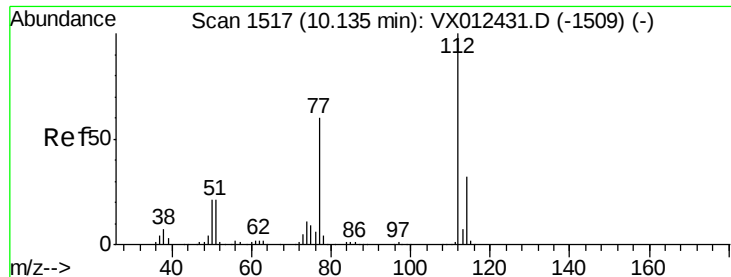
Tgt Ion:117 Resp: 314908
Ion Ratio Lower Upper
117 100
82 60.4 45.9 68.9
119 30.9 25.3 37.9



#64
Tetrachloroethene
Concen: 45.927 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion:164 Resp: 100838
Ion Ratio Lower Upper
164 100
166 128.8 107.8 161.6
129 101.2 86.2 129.2
131 98.4 80.4 120.6

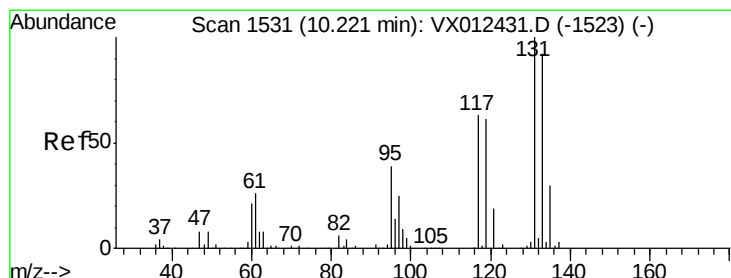
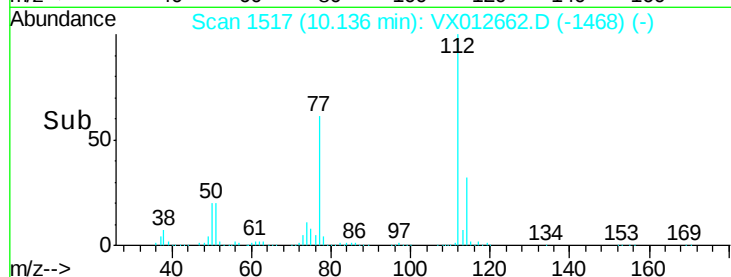
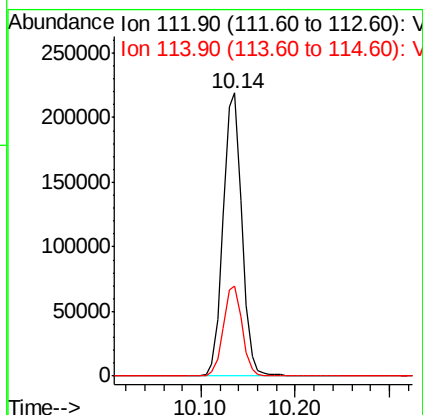
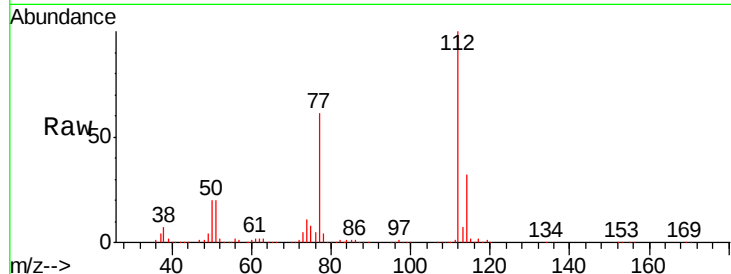




#65
Chlorobenzene
Concen: 45.450 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

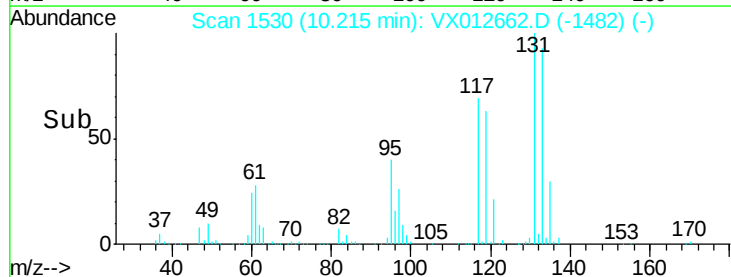
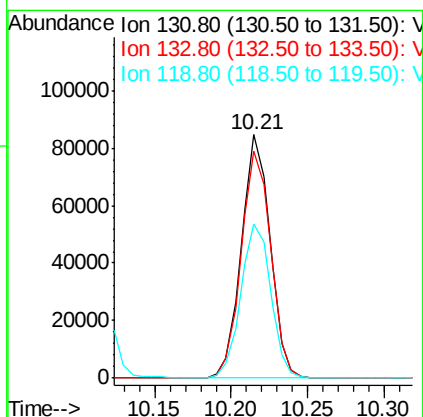
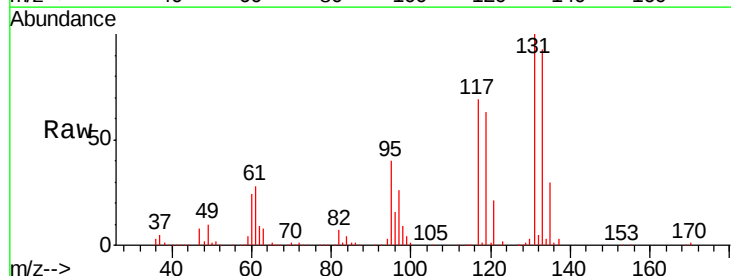
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

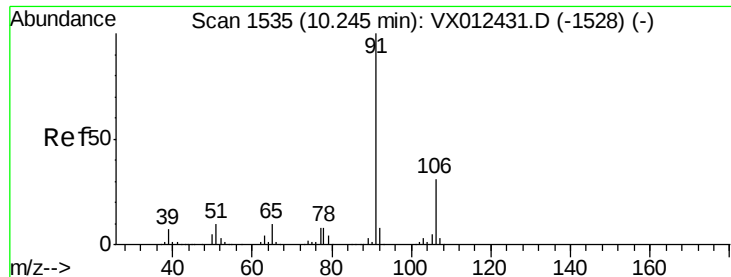
Tgt Ion:112 Resp: 301393
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 46.094 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion:131 Resp: 110750
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 65.8 31.3 93.8

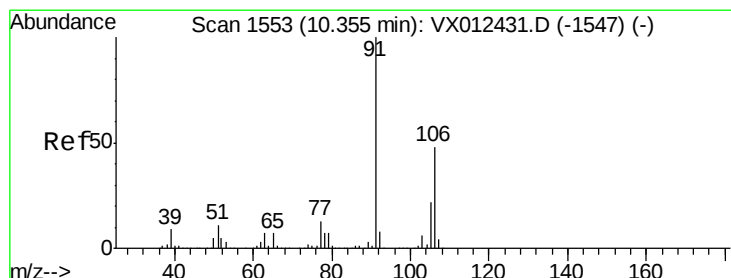
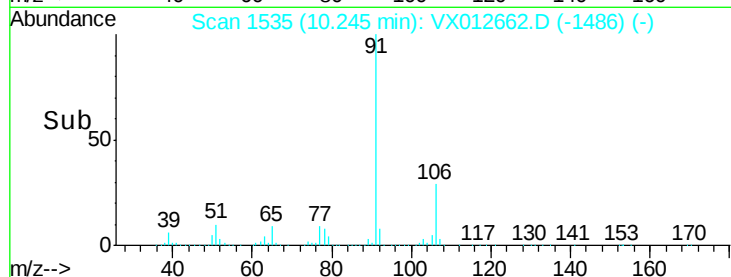
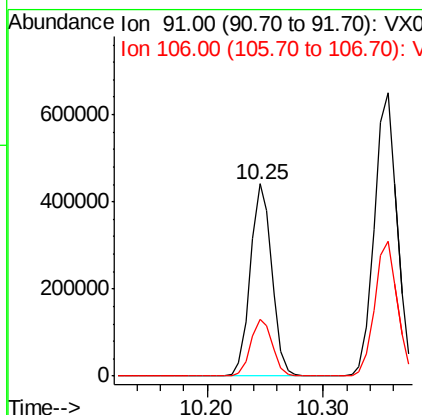
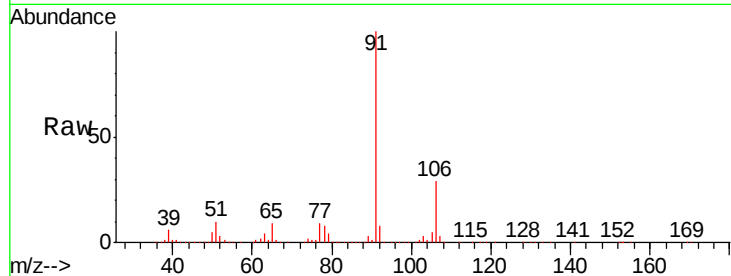




#67
Ethyl Benzene
Concen: 47.367 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

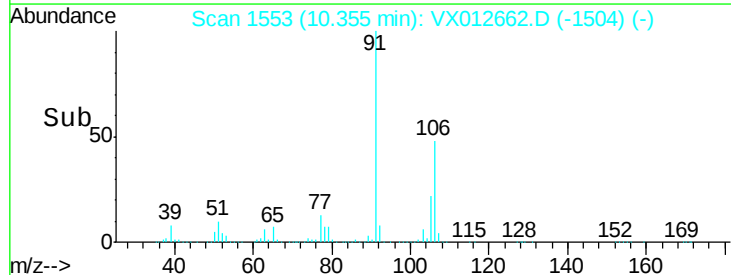
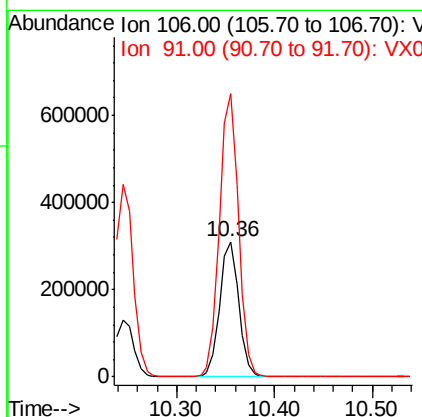
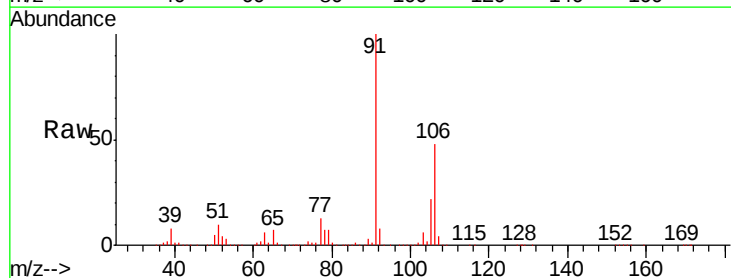
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

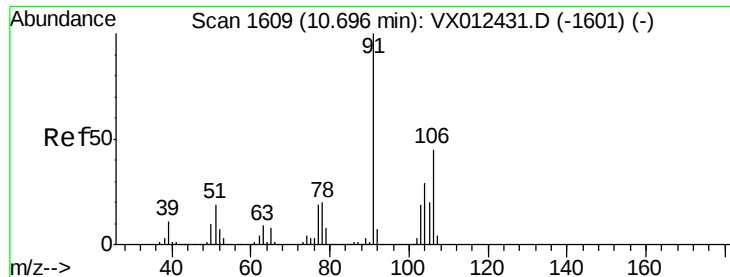
Tgt Ion: 91 Resp: 569709
Ion Ratio Lower Upper
91 100
106 29.4 24.6 37.0



#68
m/p-Xylenes
Concen: 93.113 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 106 Resp: 419521
Ion Ratio Lower Upper
106 100
91 210.0 166.6 250.0

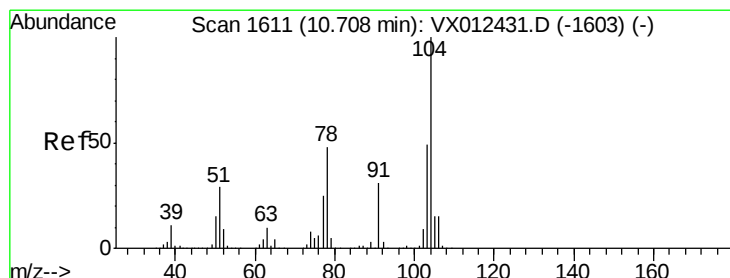
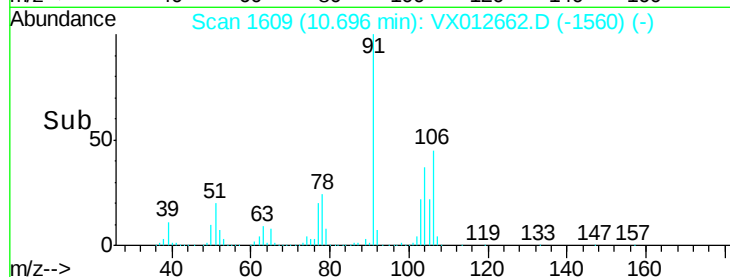
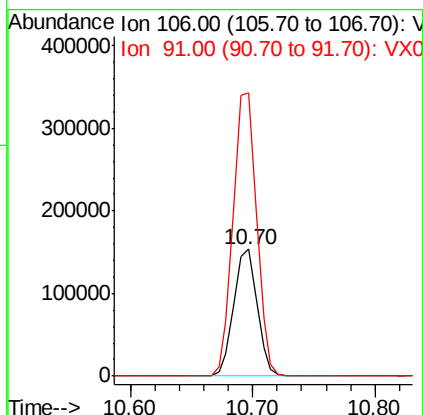
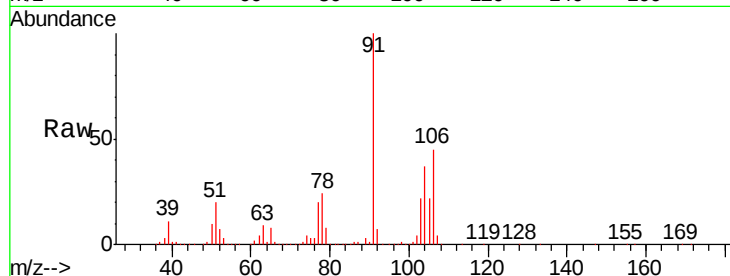




#69
o-Xylene
Concen: 46.394 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

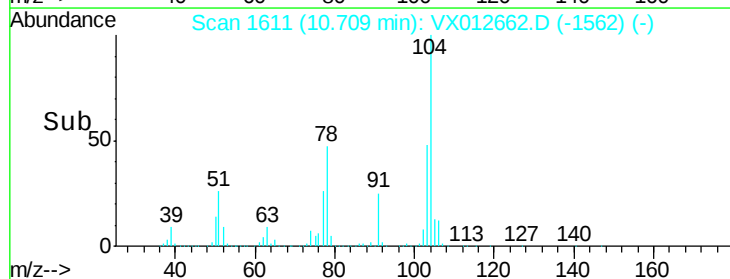
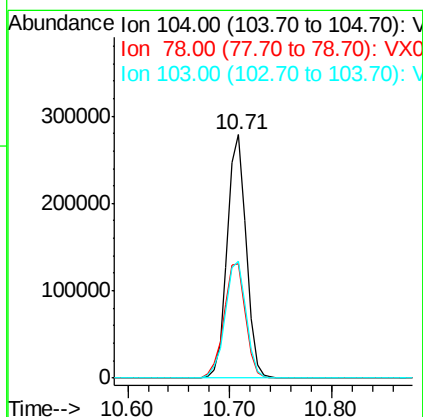
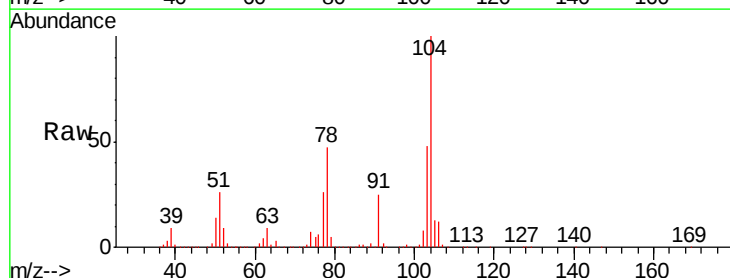
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

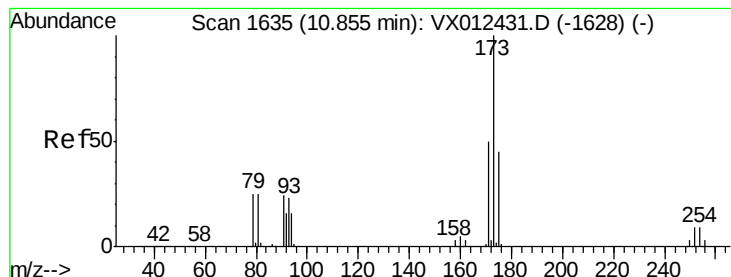
Tgt Ion:106 Resp: 202261
Ion Ratio Lower Upper
106 100
91 225.5 109.4 328.2



#70
Styrene
Concen: 48.786 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion:104 Resp: 356554
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.2
103 53.4 43.3 64.9





#71

Bromoform

Concen: 47.787 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

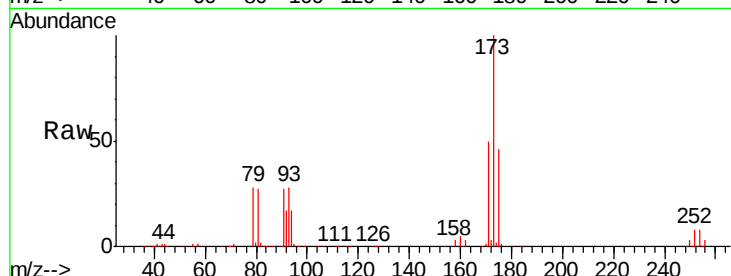
Tgt Ion:173 Resp: 79947

Ion Ratio Lower Upper

173 100

175 47.7 23.7 71.1

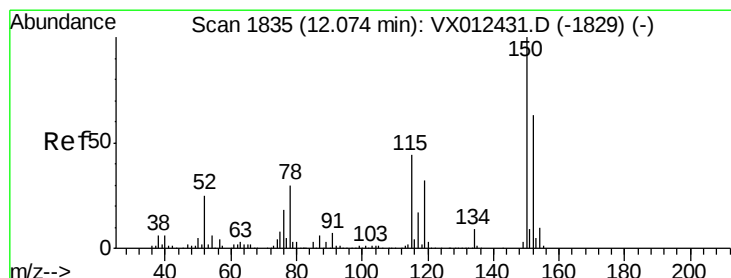
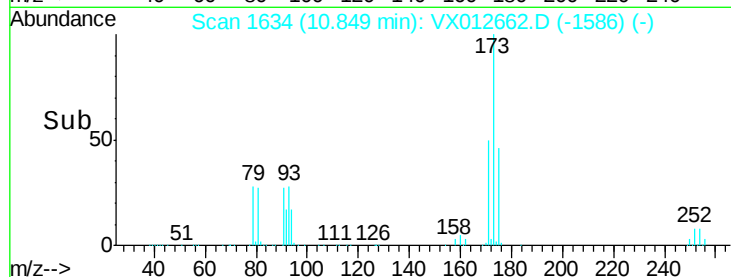
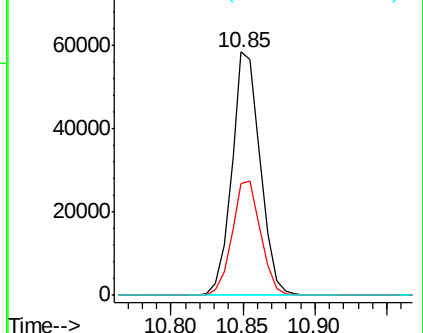
254 0.1 0.1 0.1#



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# 1835

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

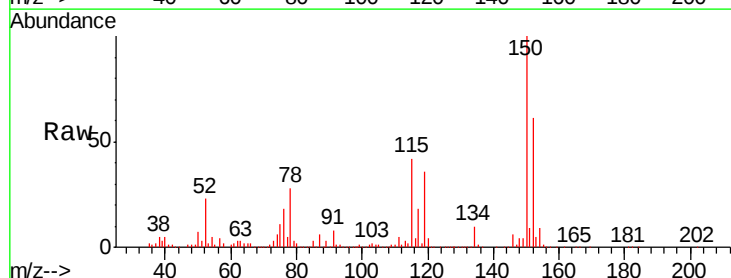
Tgt Ion:152 Resp: 151525

Ion Ratio Lower Upper

152 100

115 89.0 44.1 132.3

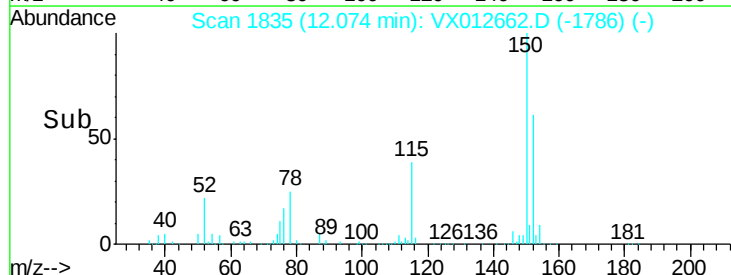
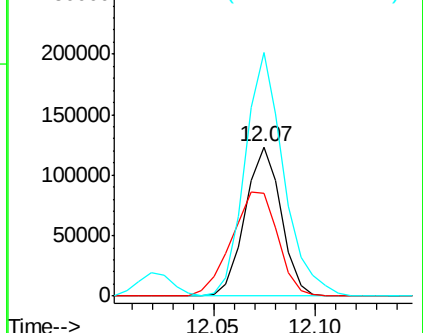
150 175.3 0.0 343.8

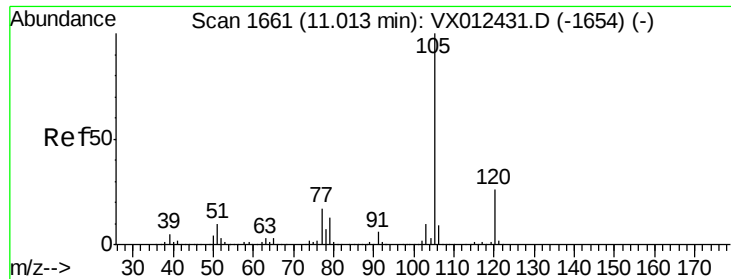


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.237 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

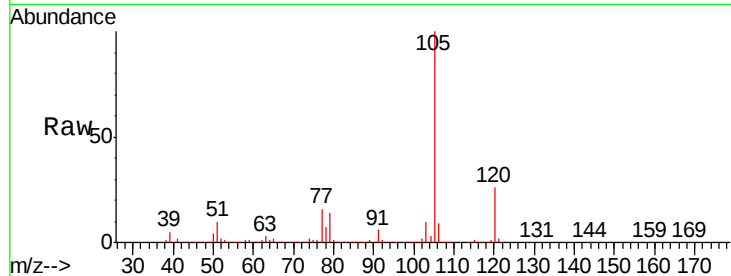
VSTDCCC050EC

Tgt Ion: 105 Resp: 558280

Ion Ratio Lower Upper

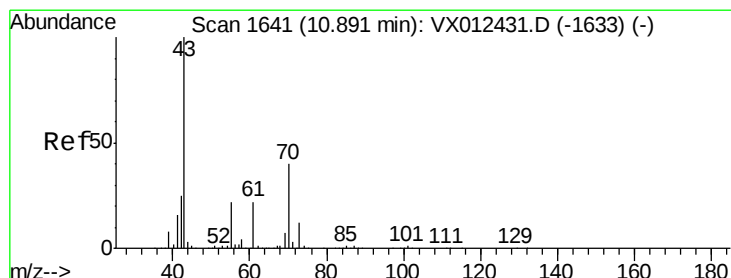
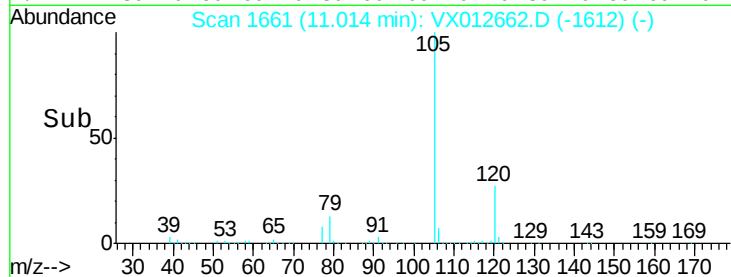
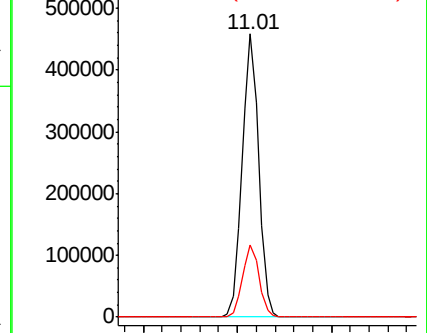
105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.384 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Tgt Ion: 43 Resp: 267204

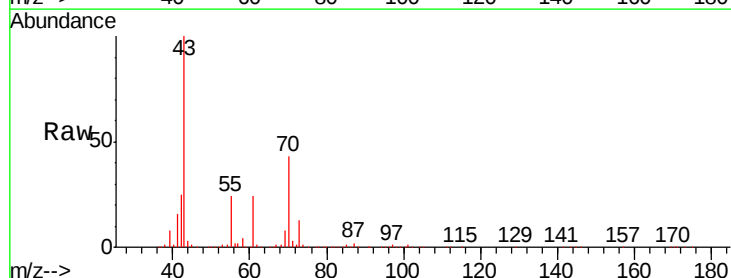
Ion Ratio Lower Upper

43 100

70 42.4 32.4 48.6

55 23.7 18.2 27.4

61 24.3 18.5 27.7

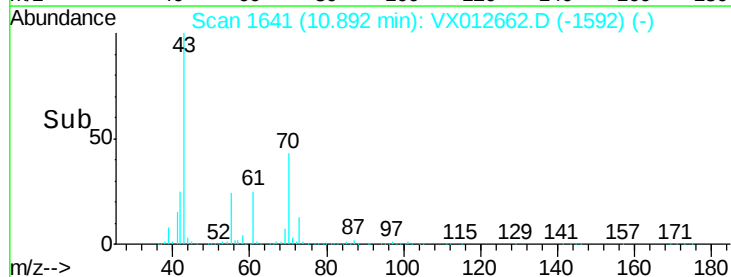
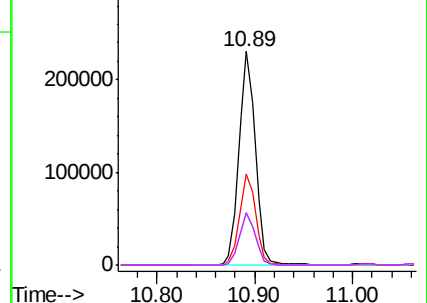


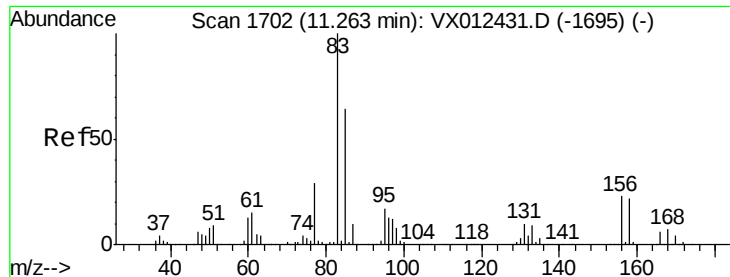
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.099 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

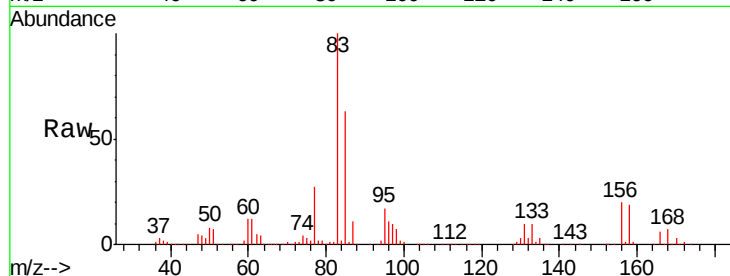
Tgt Ion: 83 Resp: 180244

Ion Ratio Lower Upper

83 100

131 9.8 5.2 15.6

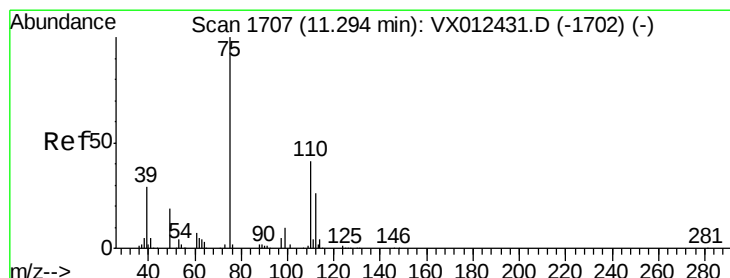
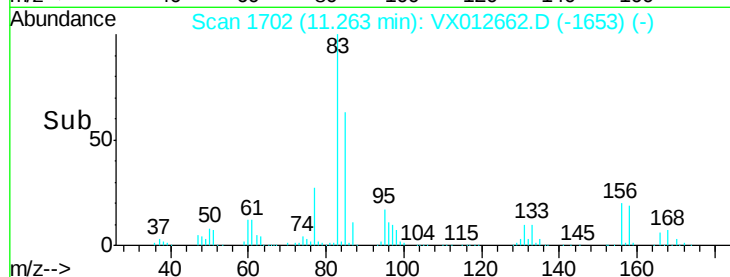
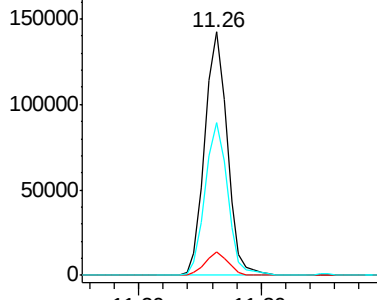
85 63.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 52.986 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012662.D

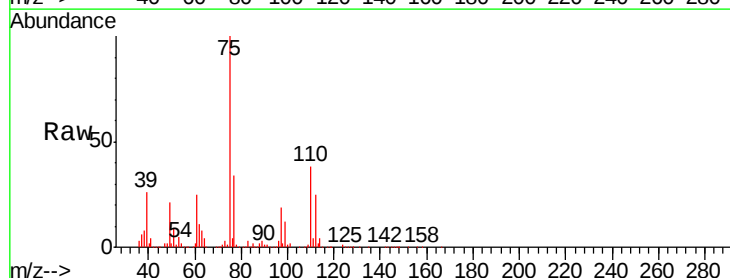
Acq: 25 Sep 2019 17:21

Tgt Ion: 75 Resp: 212380

Ion Ratio Lower Upper

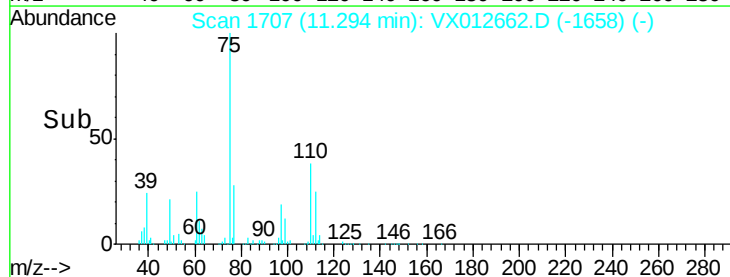
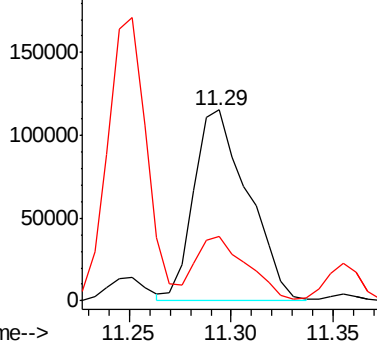
75 100

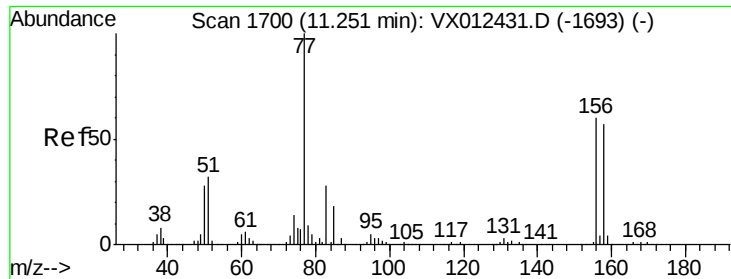
77 31.4 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.136 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

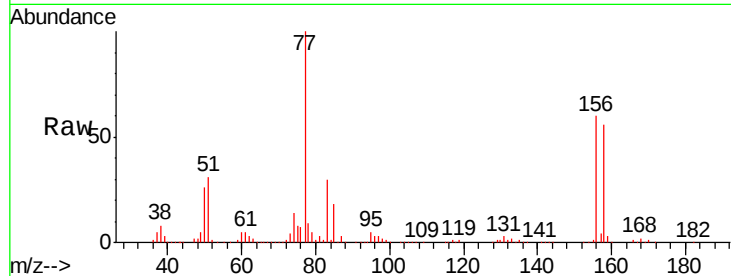
Tgt Ion:156 Resp: 123279

Ion Ratio Lower Upper

156 100

77 184.7 87.3 261.8

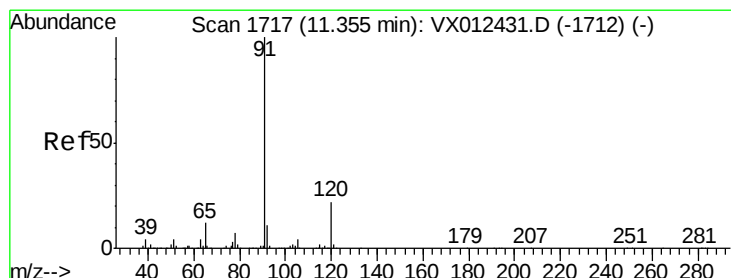
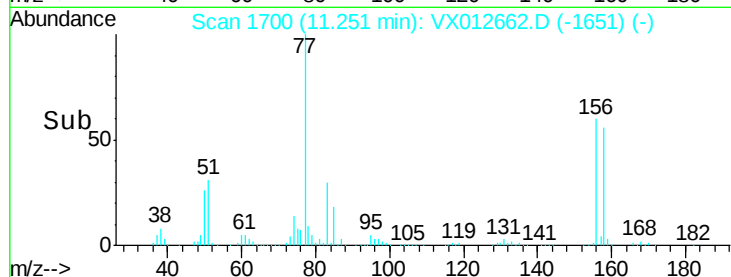
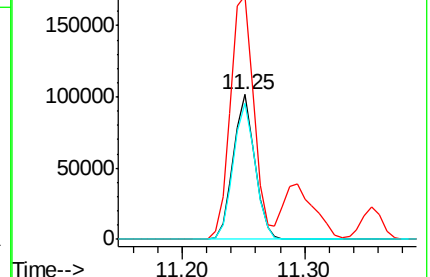
158 96.2 48.5 145.6



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: 45.618 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012662.D

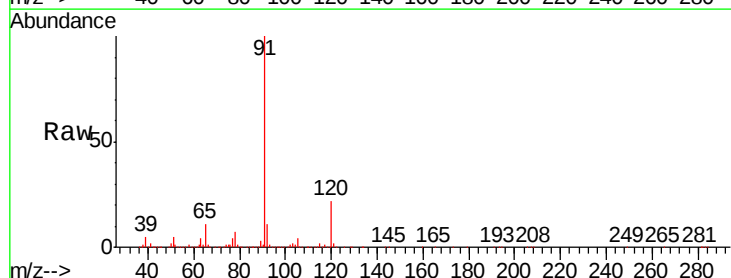
Acq: 25 Sep 2019 17:21

Tgt Ion: 91 Resp: 633813

Ion Ratio Lower Upper

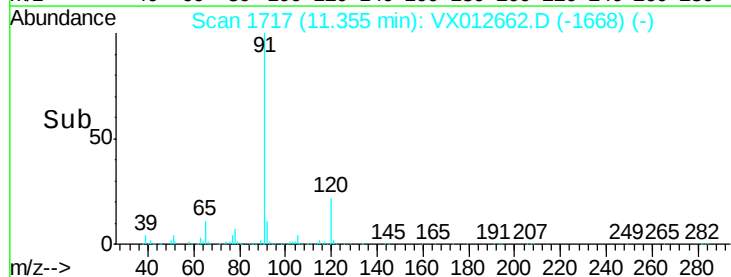
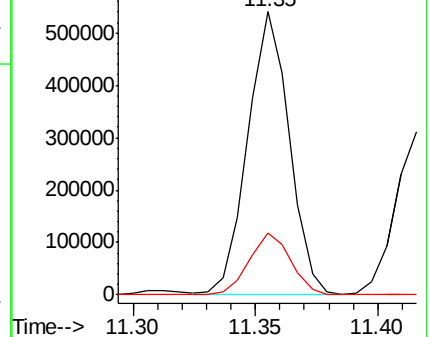
91 100

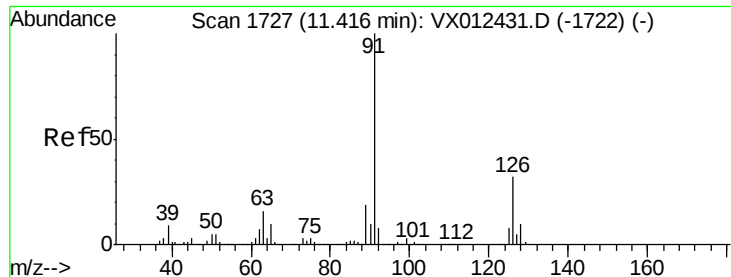
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

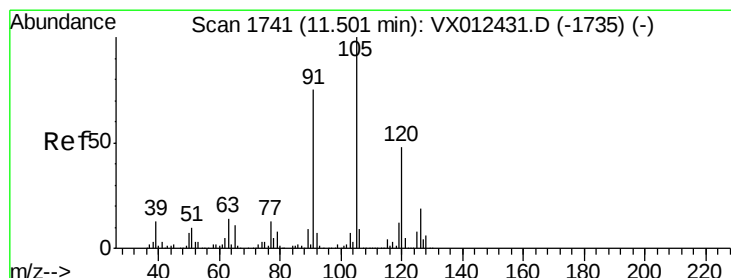
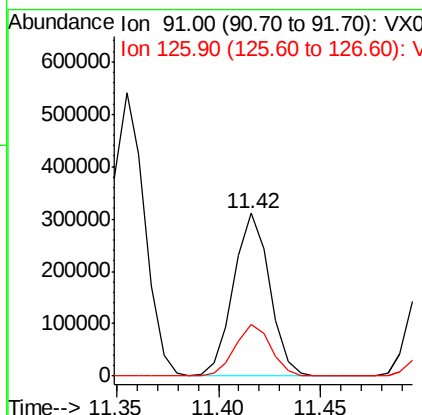
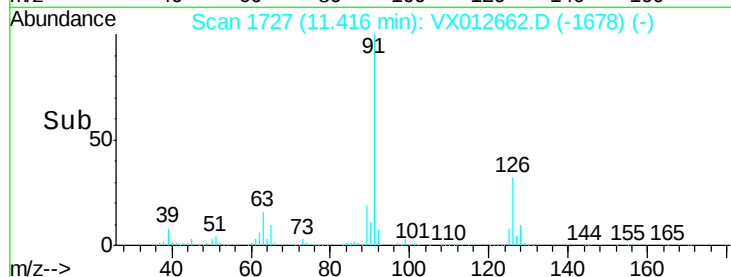
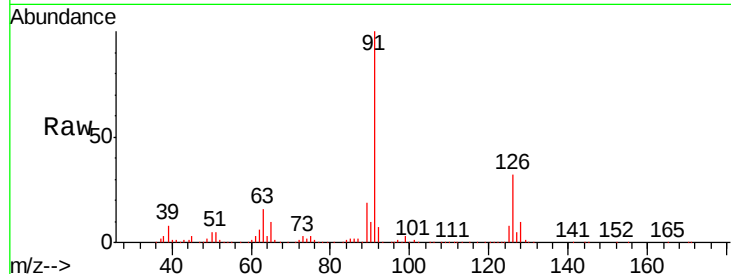




#79
 2-Chlorotoluene
 Concen: 43.837 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

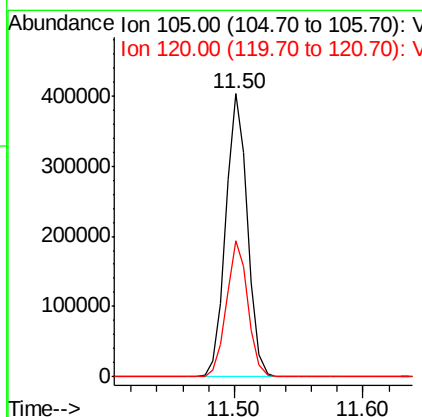
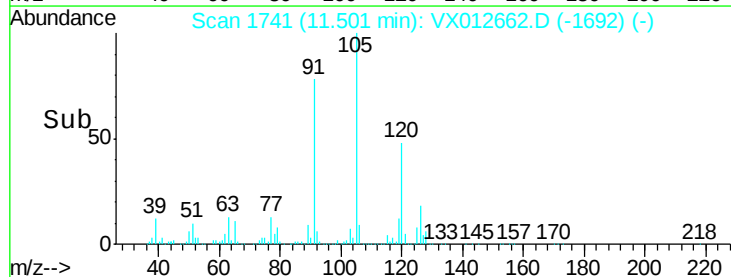
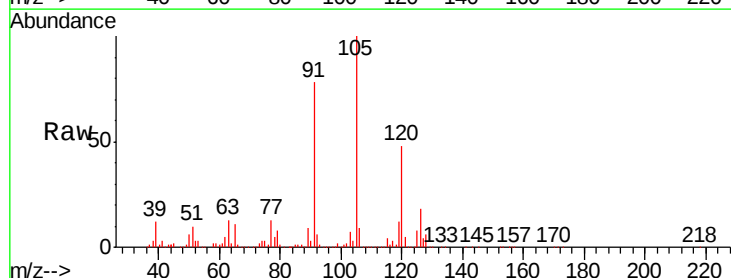
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

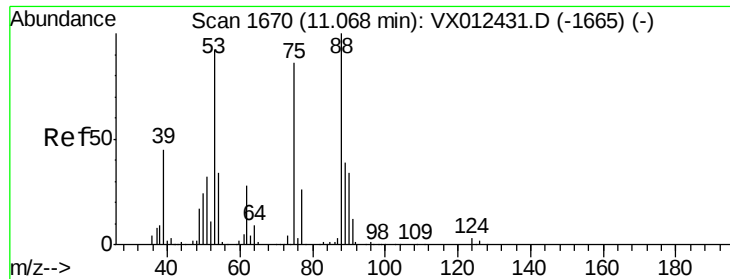
Tgt Ion: 91 Resp: 379954
 Ion Ratio Lower Upper
 91 100
 126 31.6 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 46.105 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion: 105 Resp: 477143
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.3 72.8

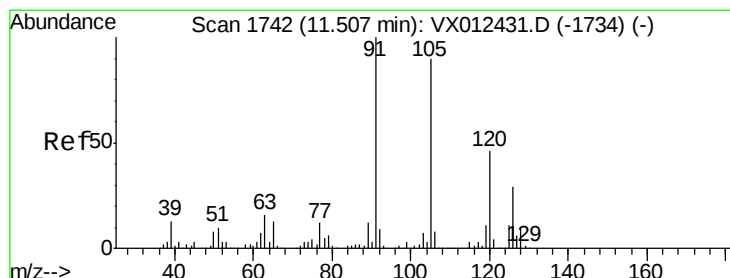
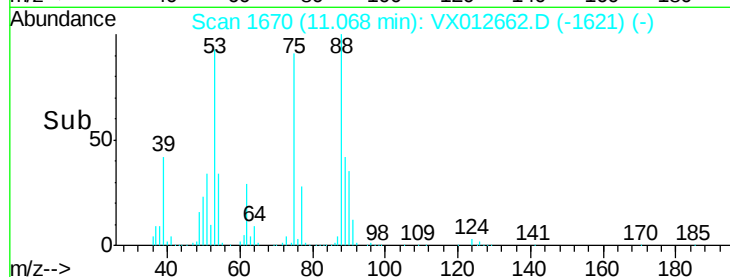
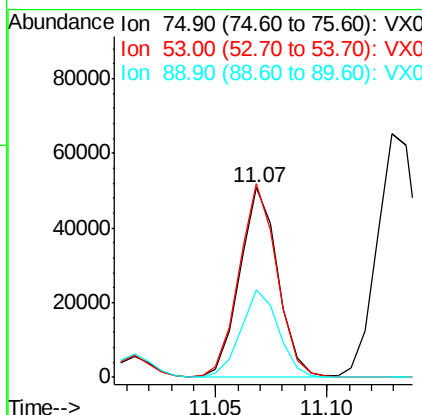
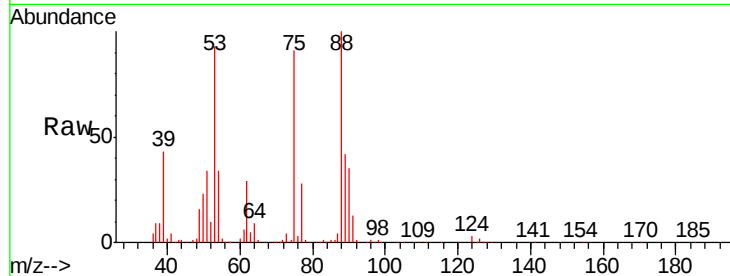




#81
trans-1,4-Dichloro-2-butene
Concen: 43.112 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

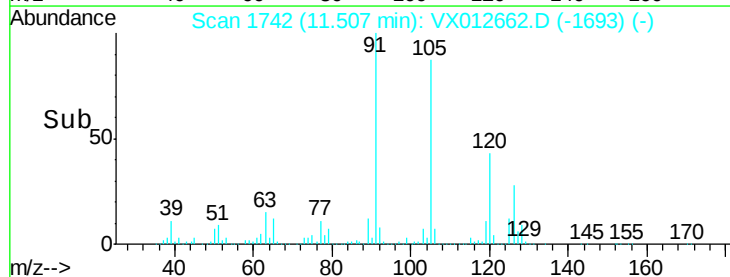
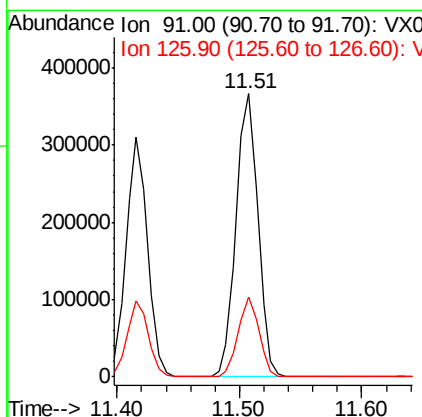
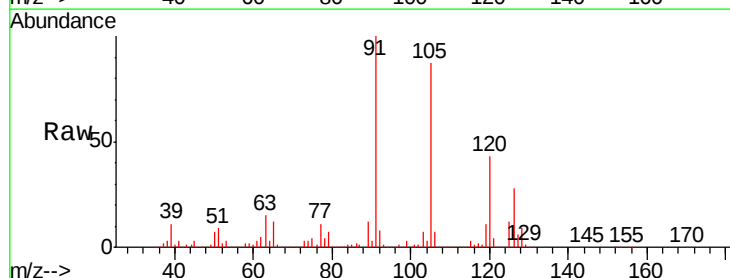
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

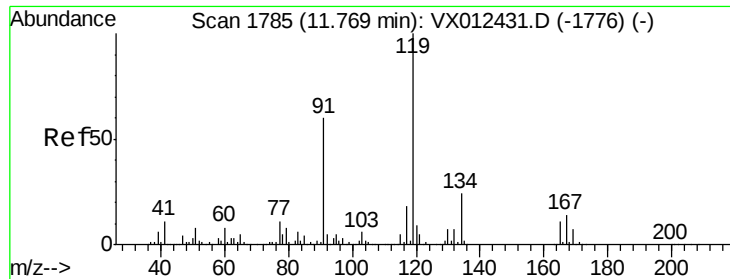
Tgt Ion: 75 Resp: 60299
Ion Ratio Lower Upper
75 100
53 102.1 83.6 125.4
89 46.2 36.3 54.5



#82
4-Chlorotoluene
Concen: 45.736 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 91 Resp: 451890
Ion Ratio Lower Upper
91 100
126 27.3 14.4 43.0

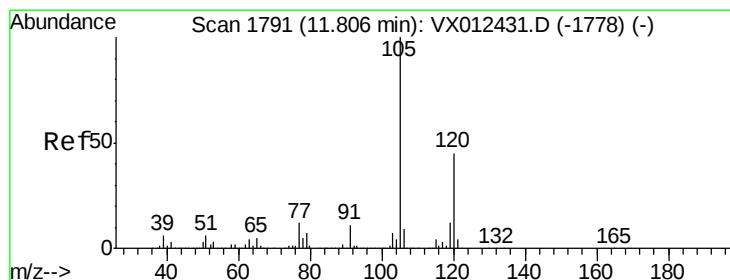
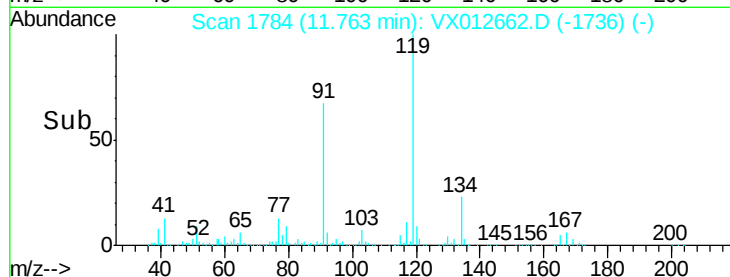
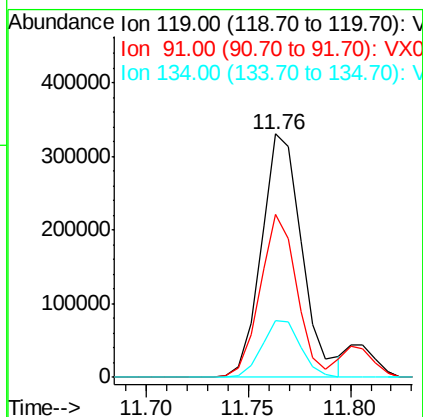
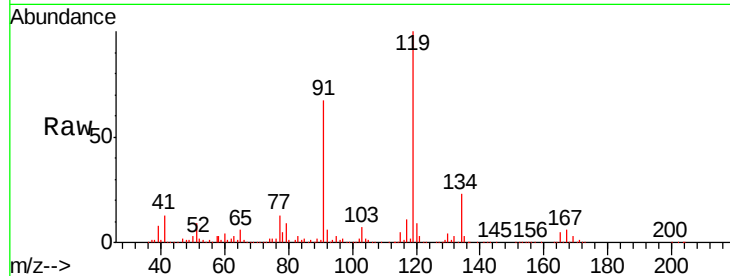




#83
 tert-Butylbenzene
 Concen: 45.800 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

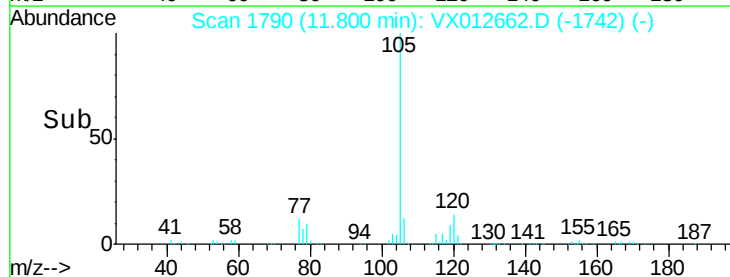
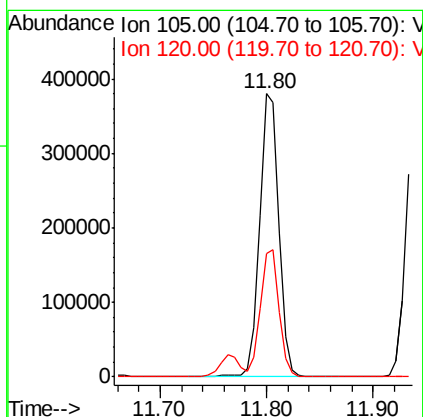
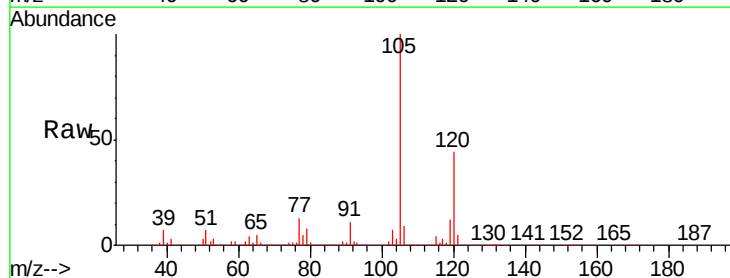
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

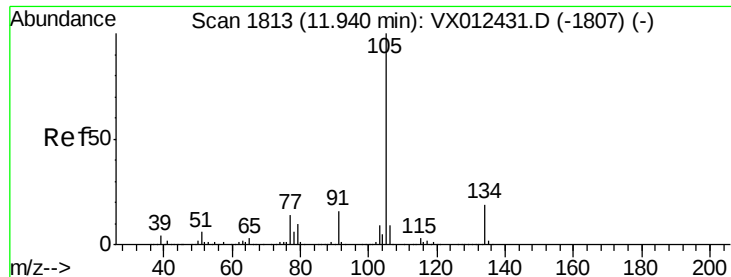
Tgt Ion:119 Resp: 457228
 Ion Ratio Lower Upper
 119 100
 91 60.4 30.0 90.0
 134 22.3 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 46.010 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion:105 Resp: 480348
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 46.737 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

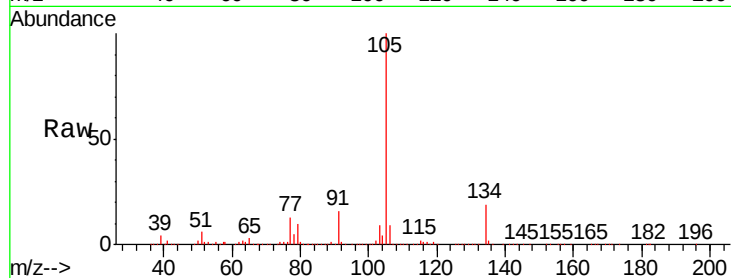
VSTDCCC050EC

Tgt Ion:105 Resp: 542690

Ion Ratio Lower Upper

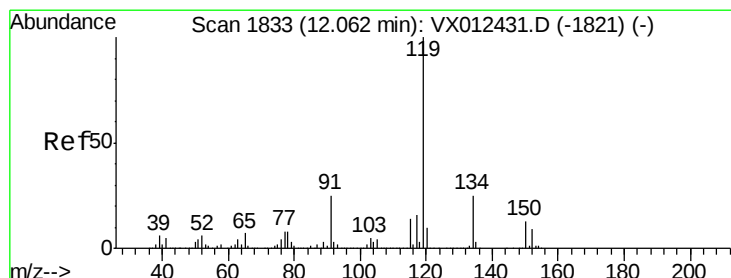
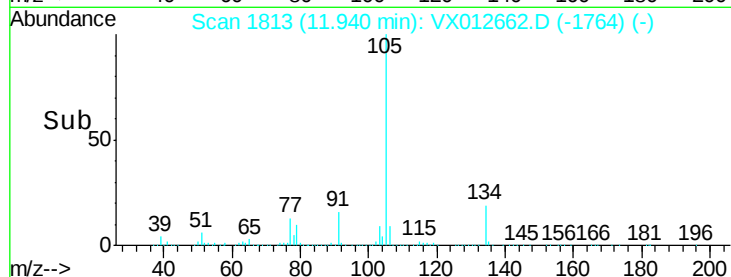
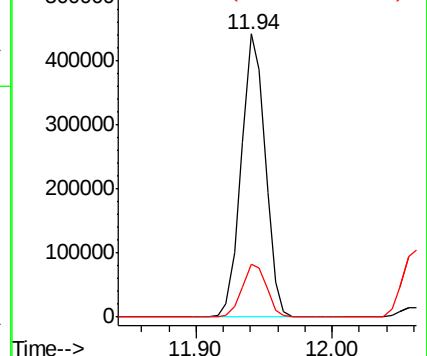
105 100

134 19.1 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.618 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

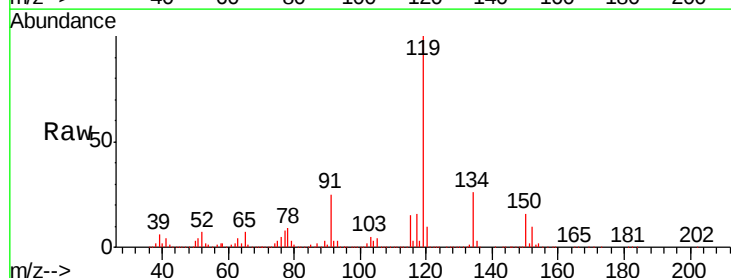
Tgt Ion:119 Resp: 498900

Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

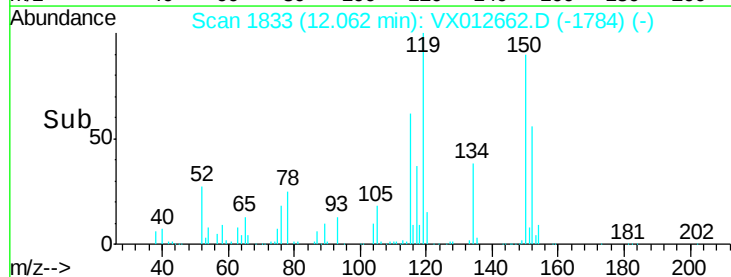
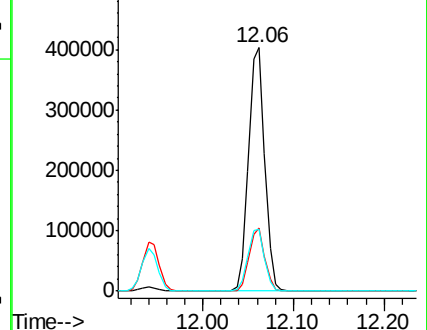
91 25.9 12.8 38.4

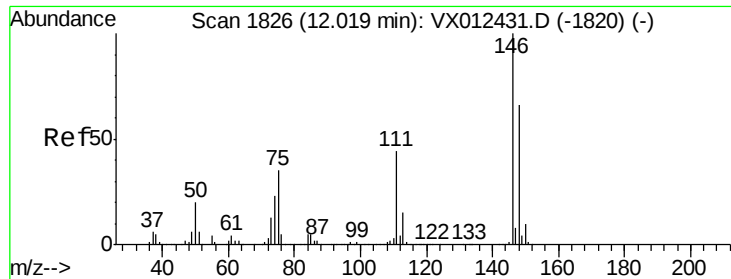


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

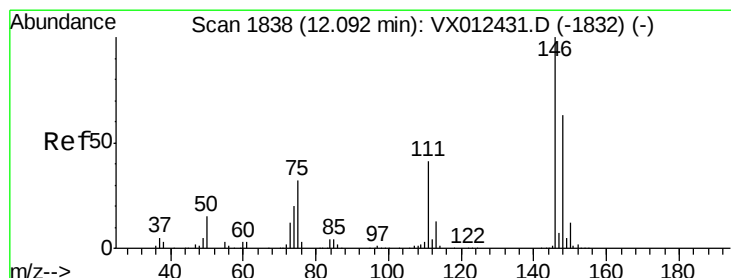
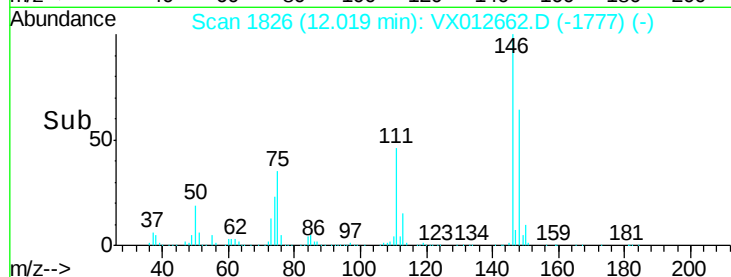
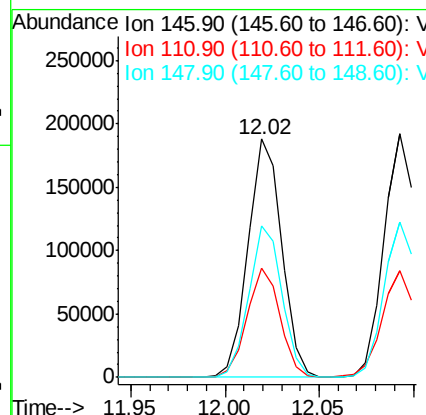
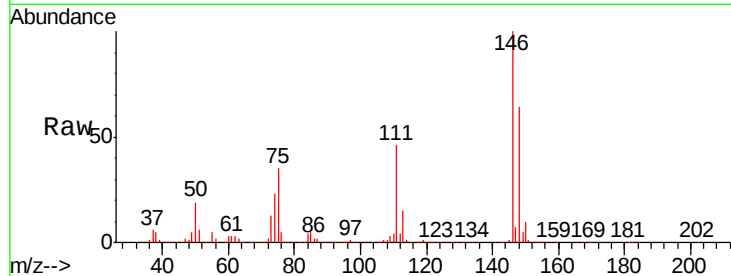




#87
 1,3-Dichlorobenzene
 Concen: 46.419 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

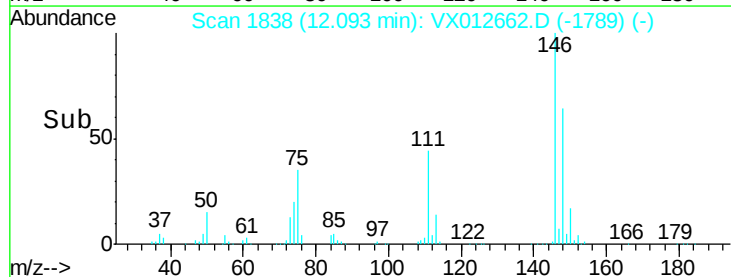
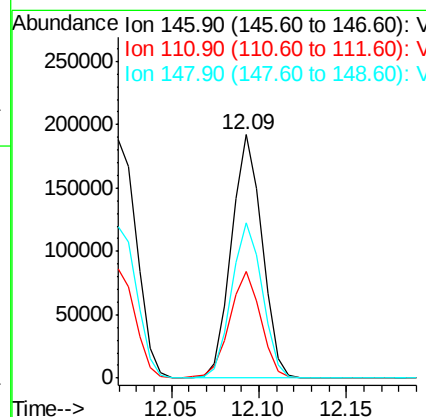
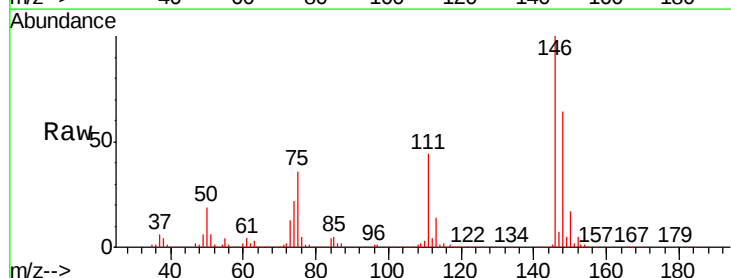
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

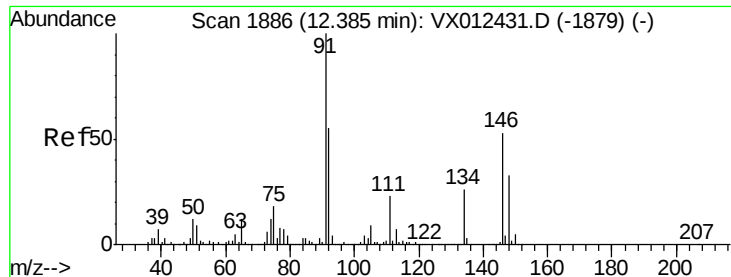
Tgt Ion:146 Resp: 233327
 Ion Ratio Lower Upper
 146 100
 111 45.0 21.3 64.0
 148 62.7 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 45.966 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion:146 Resp: 233477
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.1 63.3
 148 64.4 32.1 96.5

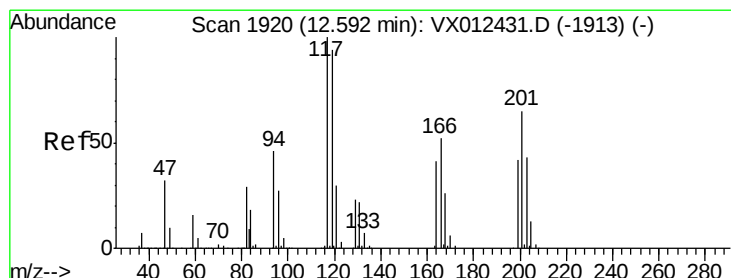
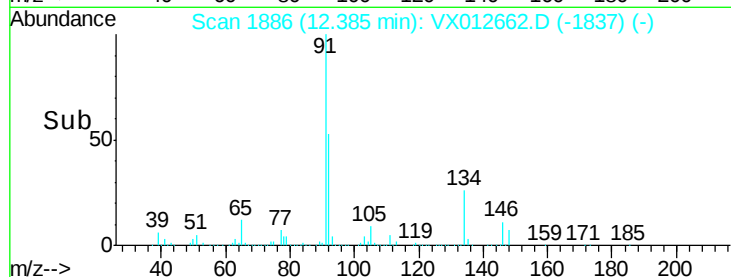
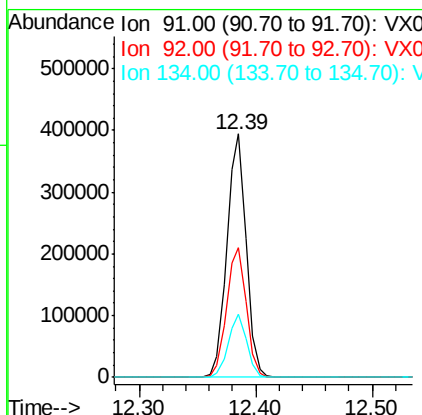
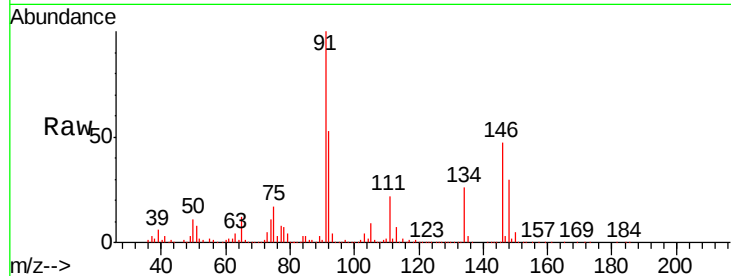




#89
n-Butylbenzene
Concen: 48.738 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

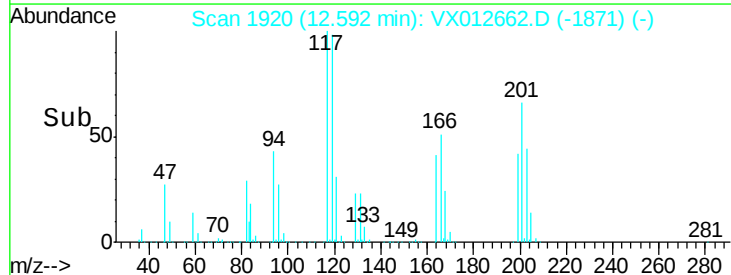
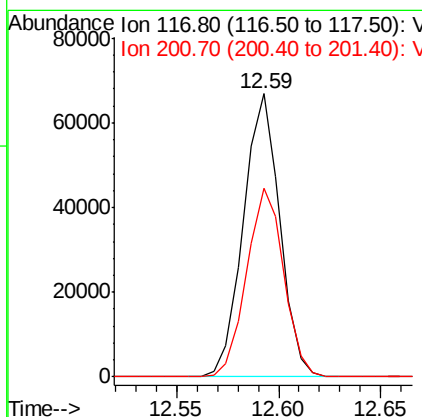
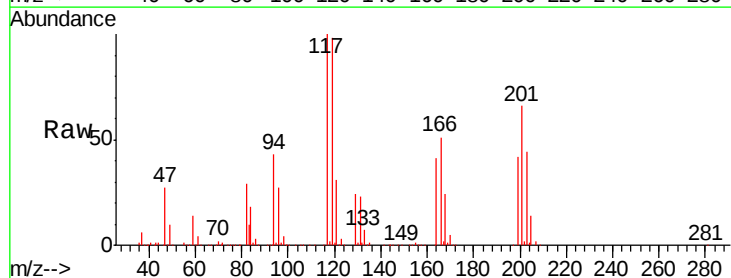
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

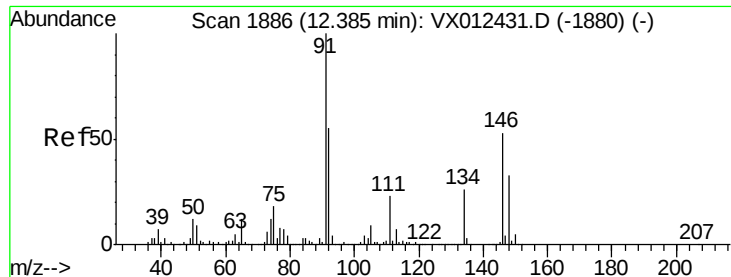
Tgt Ion: 91 Resp: 449971
Ion Ratio Lower Upper
91 100
92 54.5 27.7 83.0
134 25.0 12.9 38.6



#90
Hexachloroethane
Concen: 44.370 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 117 Resp: 82879
Ion Ratio Lower Upper
117 100
201 68.1 33.3 99.8

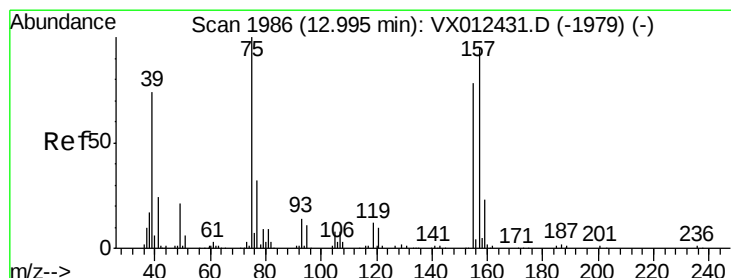
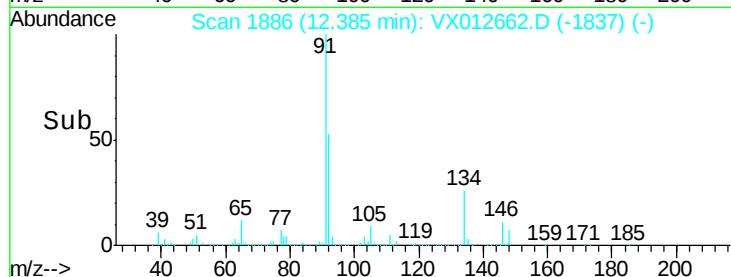
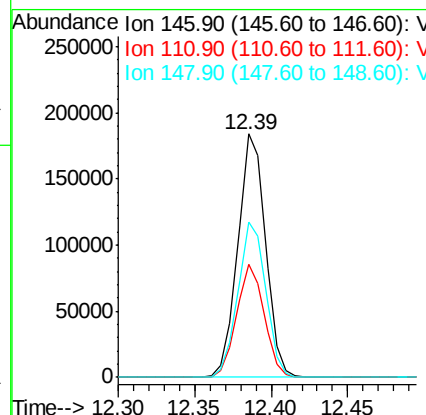
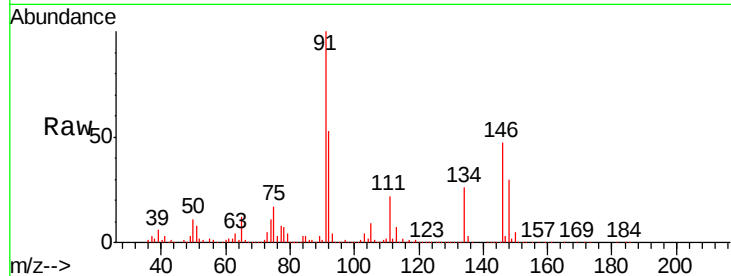




#91
 1,2-Dichlorobenzene
 Concen: 45.697 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

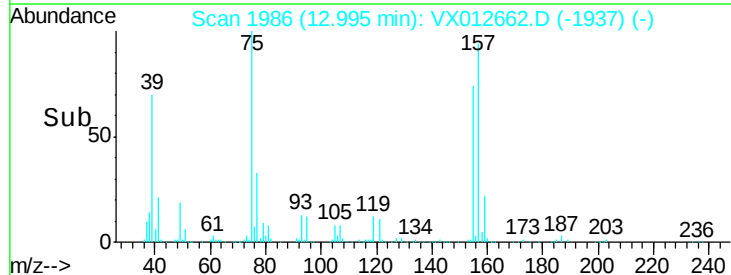
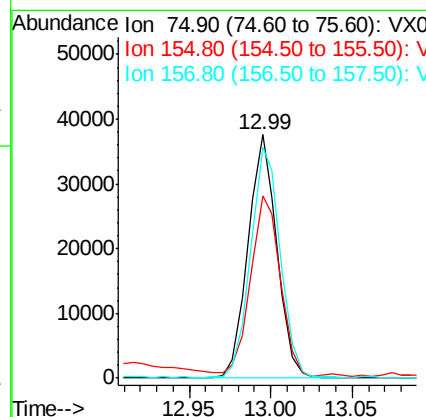
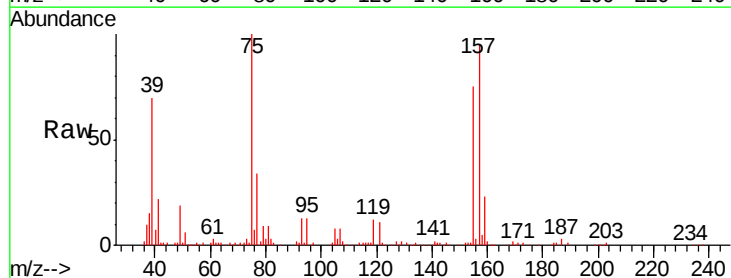
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

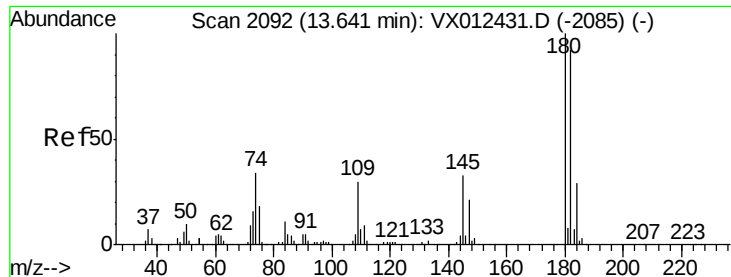
Tgt Ion:146 Resp: 229963
 Ion Ratio Lower Upper
 146 100
 111 46.3 22.1 66.1
 148 64.5 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.240 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion: 75 Resp: 46254
 Ion Ratio Lower Upper
 75 100
 155 75.7 38.6 115.8
 157 96.8 50.6 151.9





#93

1,2,4-Trichlorobenzene

Concen: 50.206 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

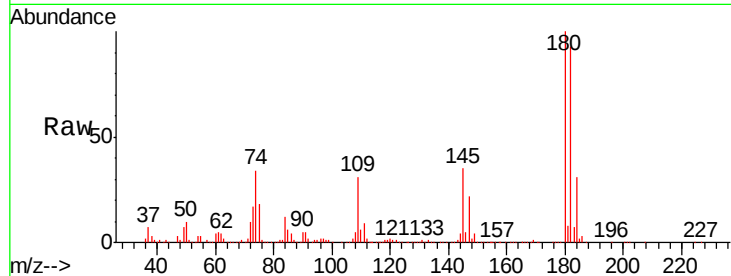
Tgt Ion:180 Resp: 154083

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.0

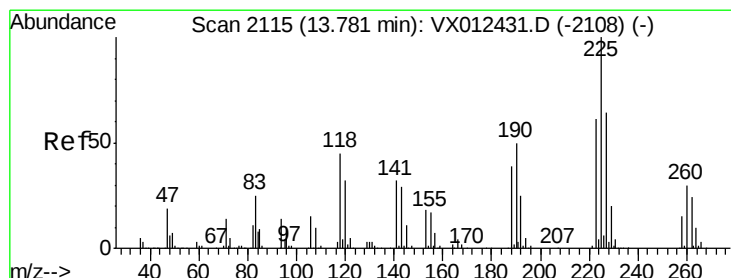
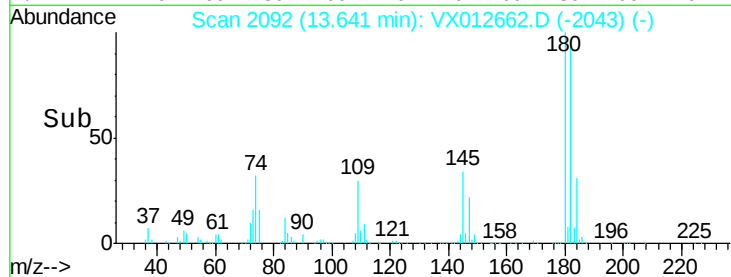
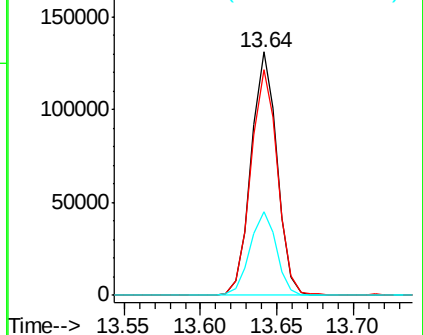
145 34.8 16.8 50.4



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: 49.679 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

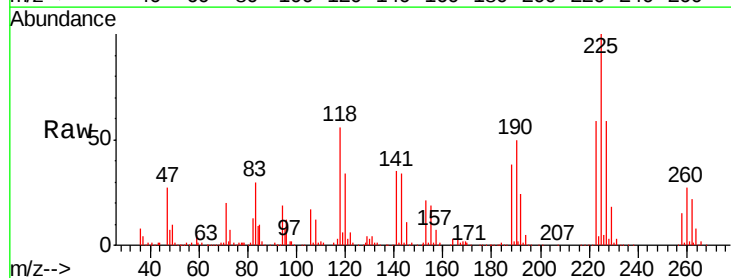
Tgt Ion:225 Resp: 65590

Ion Ratio Lower Upper

225 100

223 63.7 32.0 96.2

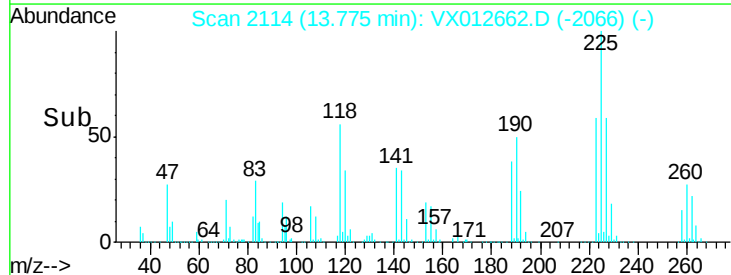
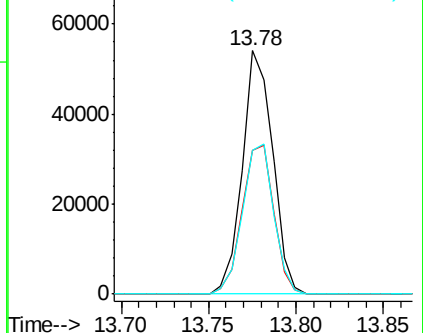
227 63.4 31.9 95.5

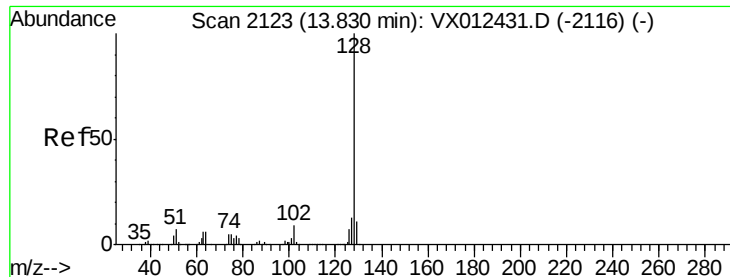


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

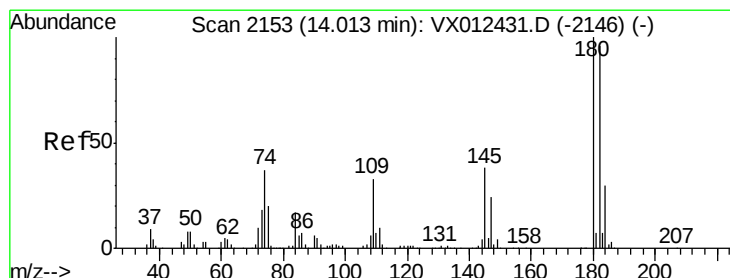
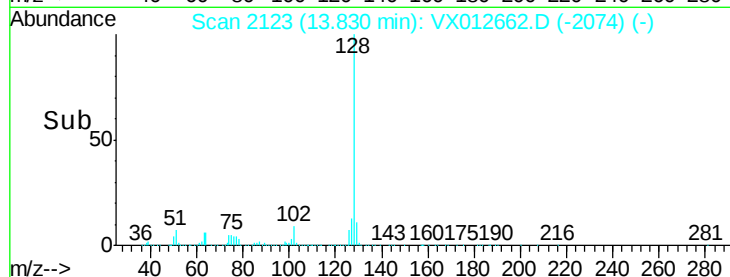
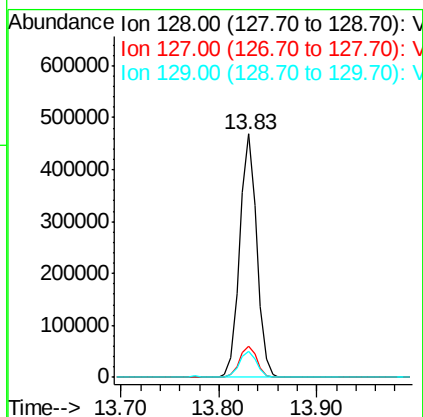
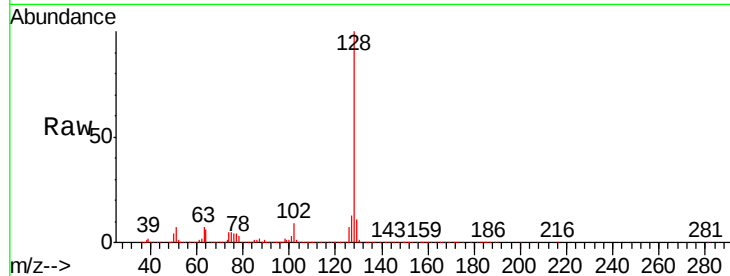




#95
Naphthalene
Concen: 51.046 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 566800
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.310 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion:180 Resp: 154667
Ion Ratio Lower Upper
180 100
182 94.0 47.1 141.3
145 36.7 18.0 54.0

