

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010577.D
 Acq On : 01 Jul 2019 09:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 02 04:48:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	260421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	378504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	343389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178215	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	120474	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
35) Dibromofluoromethane	5.49	113	117955	50.93	ug/l	-0.01
Spiked Amount			Recovery	=	101.86%	
50) Toluene-d8	8.71	98	439132	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	159537	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	80999	44.738	ug/l	99
3) Chloromethane	1.32	50	90510	42.931	ug/l	100
4) Vinyl Chloride	1.41	62	99699	43.175	ug/l	99
5) Bromomethane	1.64	94	53923	47.932	ug/l	99
6) Chloroethane	1.71	64	64059	47.021	ug/l	95
7) Trichlorofluoromethane	1.92	101	179384	49.005	ug/l	98
8) Diethyl Ether	2.19	74	64701	49.287	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107378	48.405	ug/l	100
10) Methyl Iodide	2.51	142	153119	48.366	ug/l	98
11) Tert butyl alcohol	3.05	59	129734	203.054	ug/l	98
12) 1,1-Dichloroethene	2.37	96	102681	45.489	ug/l	98
13) Acrolein	2.29	56	108543	256.094	ug/l	98
14) Allyl chloride	2.73	41	154093	48.084	ug/l	99
15) Acrylonitrile	3.14	53	304874	241.011	ug/l	100
16) Acetone	2.44	43	357458	292.110	ug/l	96
17) Carbon Disulfide	2.57	76	246327	40.675	ug/l	99
18) Methyl Acetate	2.77	43	120717	49.496	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	350449	49.351	ug/l	100
20) Methylene Chloride	2.85	84	120073	47.680	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	112806	46.466	ug/l	98
22) Diisopropyl ether	3.85	45	328135	48.973	ug/l	91
23) Vinyl Acetate	3.81	43	1449432	250.407	ug/l	100
24) 1,1-Dichloroethane	3.70	63	186477	48.148	ug/l	99
25) 2-Butanone	4.67	43	467282	260.320	ug/l	100
26) 2,2-Dichloropropane	4.58	77	165668	49.241	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	133384	47.545	ug/l	98
28) Bromochloromethane	5.01	49	86075	46.483	ug/l	98
29) Tetrahydrofuran	5.12	42	260268	234.085	ug/l	99
30) Chloroform	5.20	83	200826	48.193	ug/l	98
31) Cyclohexane	5.57	56	162869	46.179	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	180711	49.112	ug/l	100
36) 1,1-Dichloropropene	5.79	75	146263	48.628	ug/l	98
37) Ethyl Acetate	4.83	43	155127	50.133	ug/l	100
38) Carbon Tetrachloride	5.78	117	162537	49.903	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190872	48.277	ug/l	98
40) Benzene	6.13	78	455580	48.617	ug/l	99
41) Methacrylonitrile	5.04	41	83996	49.474	ug/l	99
42) 1,2-Dichloroethane	6.19	62	149084	52.265	ug/l	98
43) Isopropyl Acetate	6.44	43	258234	50.442	ug/l	98
44) Trichloroethene	7.21	130	138311	49.327	ug/l	99
45) 1,2-Dichloropropane	7.51	63	116966	49.428	ug/l	98
46) Dibromomethane	7.66	93	84436	49.732	ug/l	99
47) Bromodichloromethane	7.90	83	159777	51.351	ug/l	99
48) Methyl methacrylate	7.76	41	120920	50.815	ug/l	99
49) 1,4-Dioxane	7.74	88	60699	885.468	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	820550	250.610	ug/l	99
52) Toluene	8.78	92	301910	48.924	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	177860	50.986	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	193441	51.028	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	128189	50.368	ug/l	99
56) Ethyl methacrylate	9.18	69	195061	50.594	ug/l	97
57) 1,3-Dichloropropane	9.37	76	196252	49.676	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	471526	257.520	ug/l	100
59) 2-Hexanone	9.49	43	661811	256.822	ug/l	99
60) Dibromochloromethane	9.58	129	146429	51.386	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137814	50.168	ug/l	99
64) Tetrachloroethene	9.34	164	135802	48.895	ug/l	97
65) Chlorobenzene	10.13	112	345934	49.622	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	132511	52.183	ug/l	99
67) Ethyl Benzene	10.25	91	590299	50.156	ug/l	100
68) m/p-Xylenes	10.35	106	461096	101.110	ug/l	100
69) o-Xylene	10.69	106	223992	49.946	ug/l	100
70) Styrene	10.71	104	386757	51.424	ug/l	99
71) Bromoform	10.85	173	113533	51.412	ug/l #	98
73) Isopropylbenzene	11.02	105	601533	49.793	ug/l	99
74) N-amyl acetate	10.90	43	231316	50.665	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	192258	48.055	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	221911	68.332	ug/l	79
77) Bromobenzene	11.25	156	163375	48.432	ug/l	98
78) n-propylbenzene	11.36	91	677842	51.053	ug/l	100
79) 2-Chlorotoluene	11.42	91	389859	49.310	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	500613	50.267	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67851	48.741	ug/l	96
82) 4-Chlorotoluene	11.51	91	457125	50.811	ug/l	100
83) tert-Butylbenzene	11.77	119	503545	50.375	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	505336	50.504	ug/l	99
85) sec-Butylbenzene	11.94	105	603418	51.414	ug/l	99
86) p-Isopropyltoluene	12.06	119	556479	51.261	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	292618	49.695	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	292545	48.801	ug/l	100
89) n-Butylbenzene	12.38	91	491141	53.241	ug/l	100
90) Hexachloroethane	12.59	117	94837	50.522	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	281829	48.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41179	47.738	ug/l	93

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

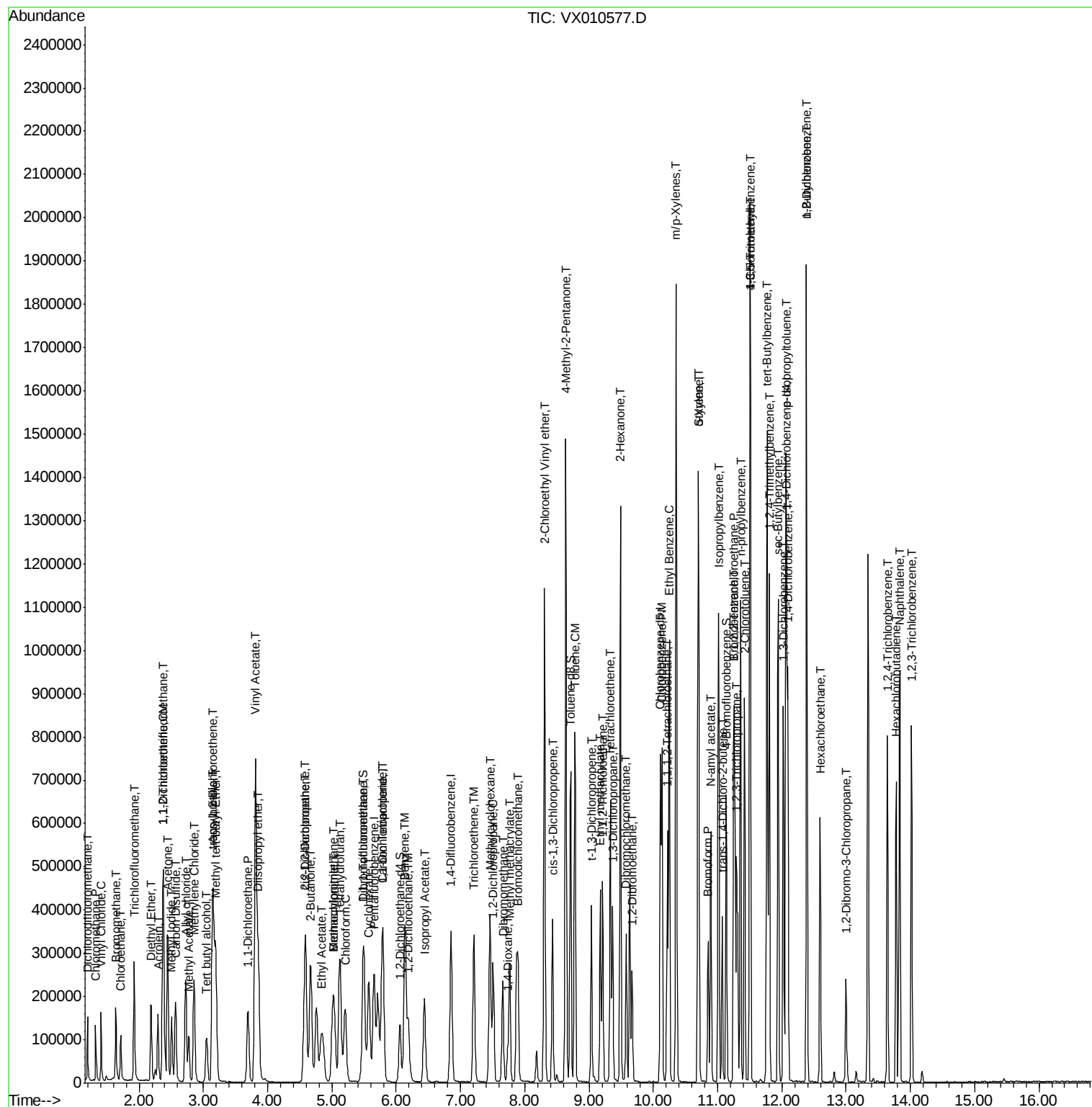
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	204144	50.301	ug/l	100
94) Hexachlorobutadiene	13.78	225	100906	50.873	ug/l	99
95) Naphthalene	13.83	128	620087	49.719	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	206225	51.107	ug/l	99

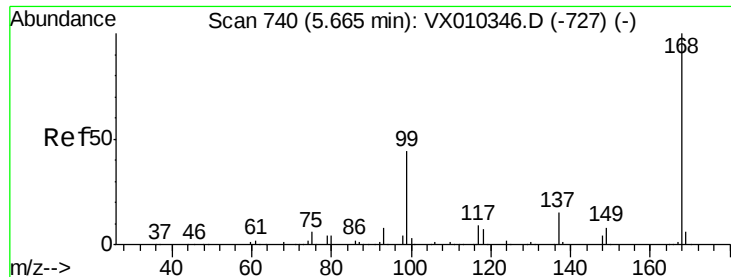
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

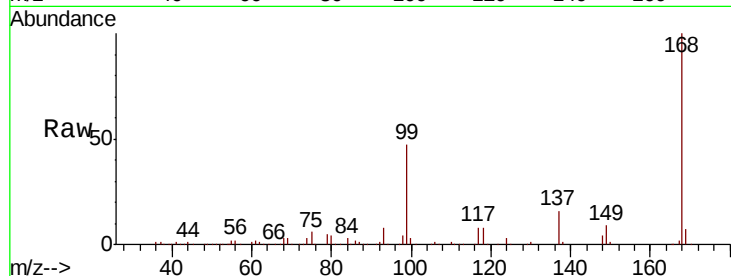
VSTDCCC050

Tot Ion:168 Resp: 260421

Ion Ratio Lower Upper

168 100

99 46.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

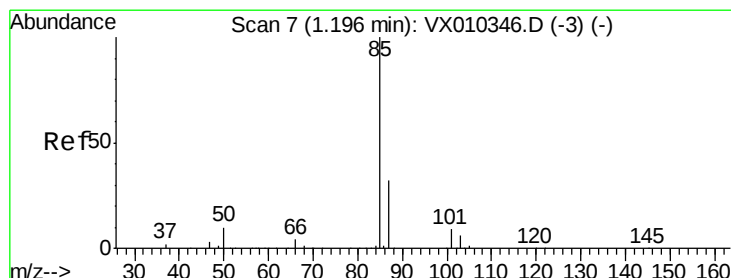
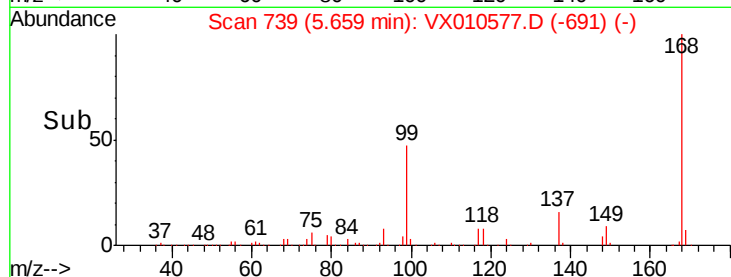
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.738 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010577.D

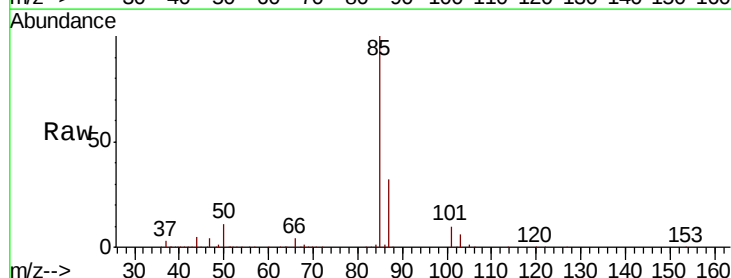
Acq: 01 Jul 2019 09:36

Tgt Ion: 85 Resp: 80999

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

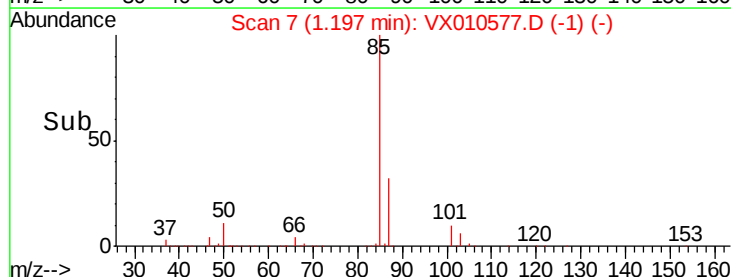
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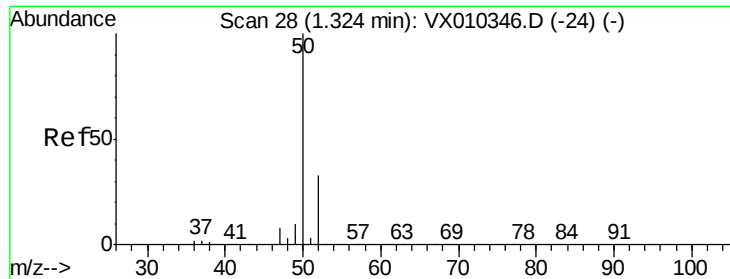
20000

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Time-->

1.15 1.20 1.25 1.30

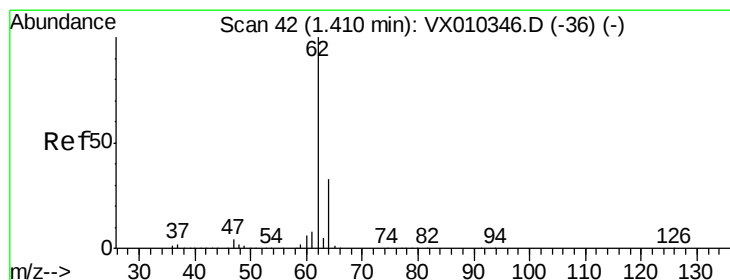
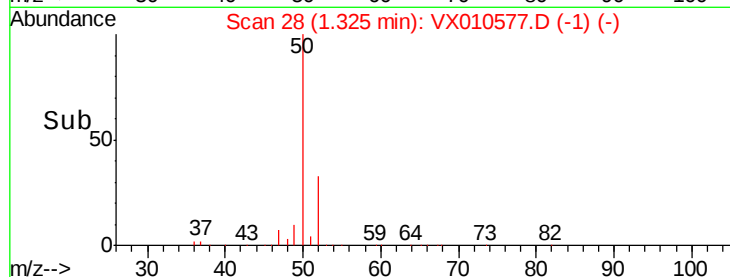
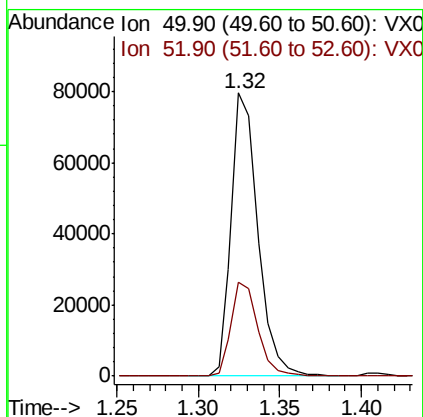
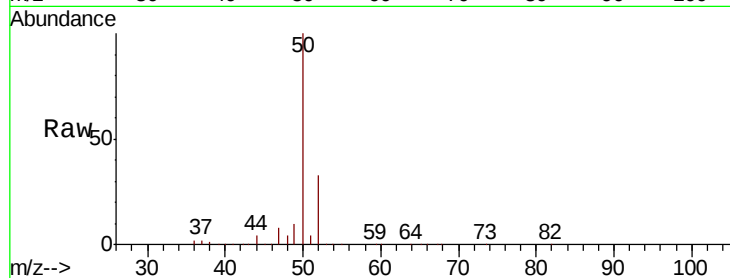




#3
Chloromethane
Concen: 42.931 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

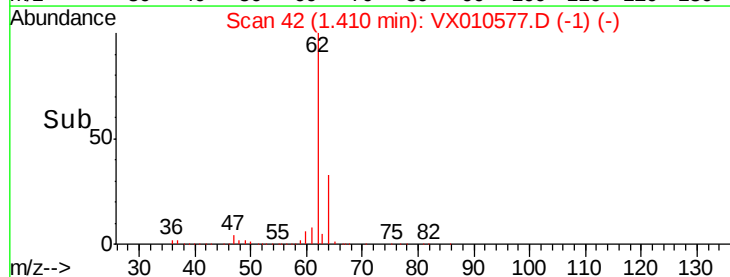
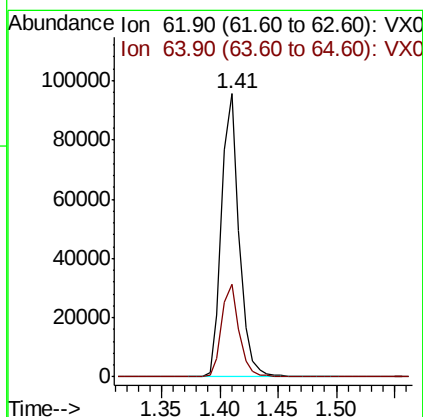
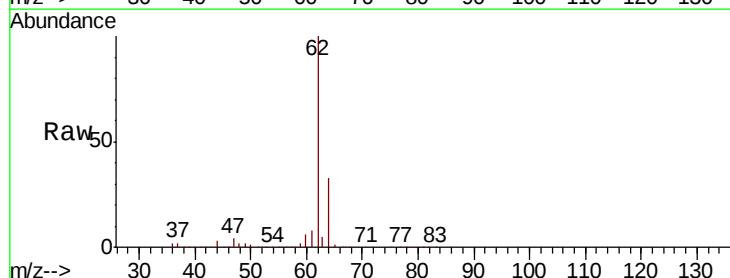
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

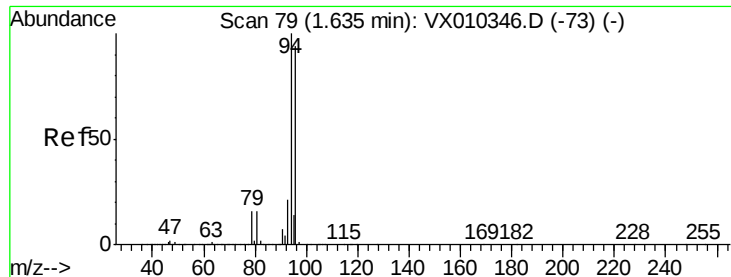
Tot Ion: 50 Resp: 90510
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 43.175 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 62 Resp: 99699
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.4





#5

Bromomethane

Concen: 47.932 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

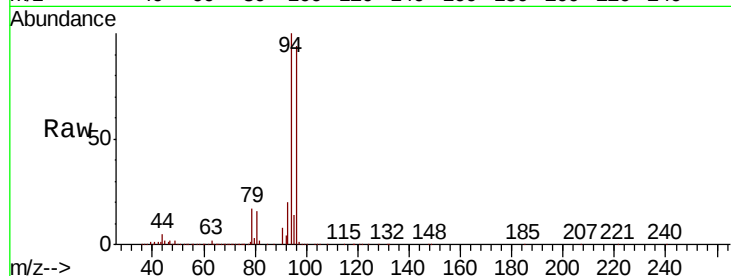
VSTDCCC050

Tot Ion: 94 Resp: 53923

Ion Ratio Lower Upper

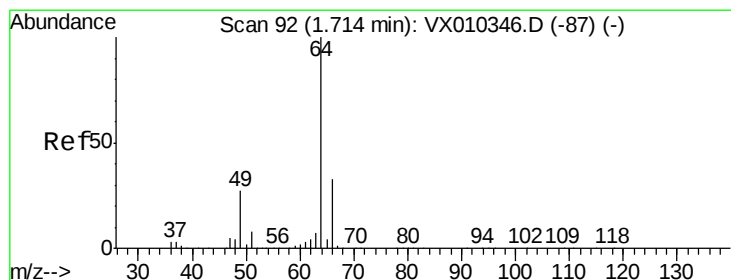
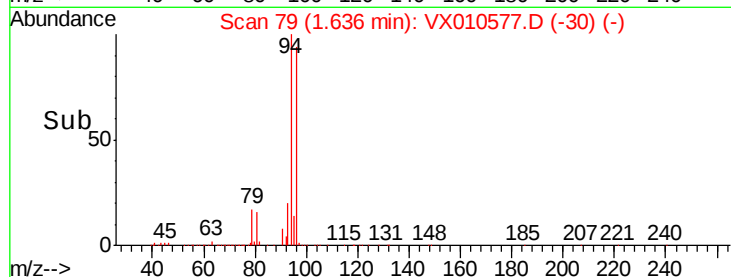
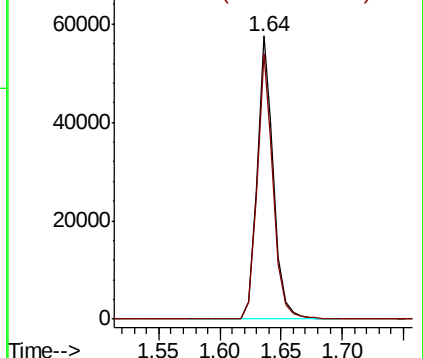
94 100

96 93.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.021 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010577.D

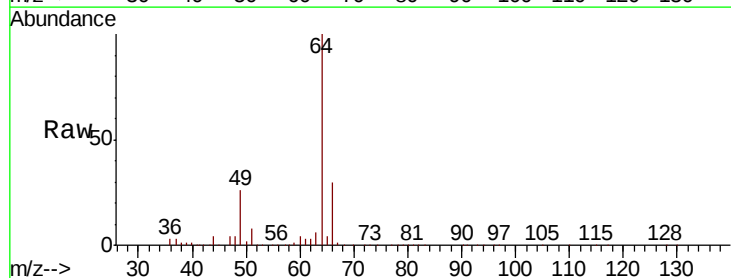
Acq: 01 Jul 2019 09:36

Tgt Ion: 64 Resp: 64059

Ion Ratio Lower Upper

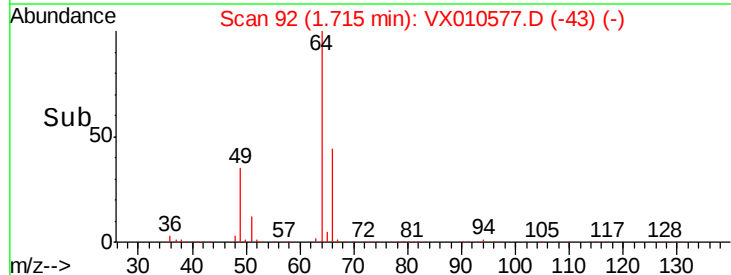
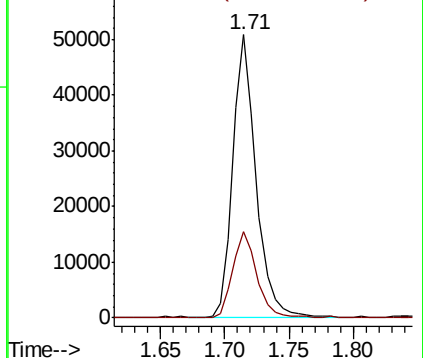
64 100

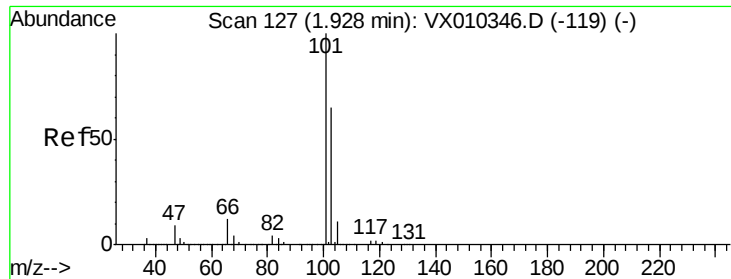
66 30.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



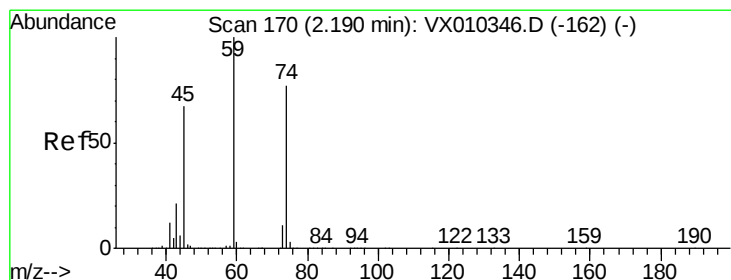
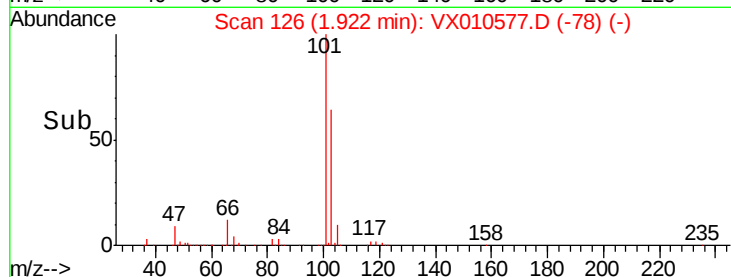
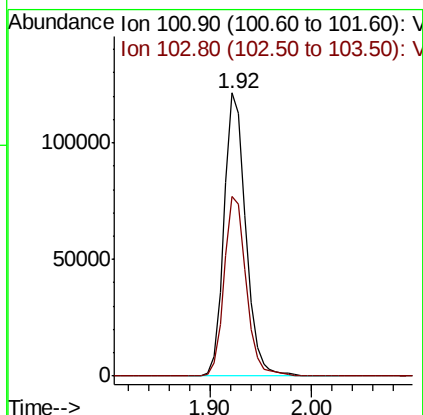
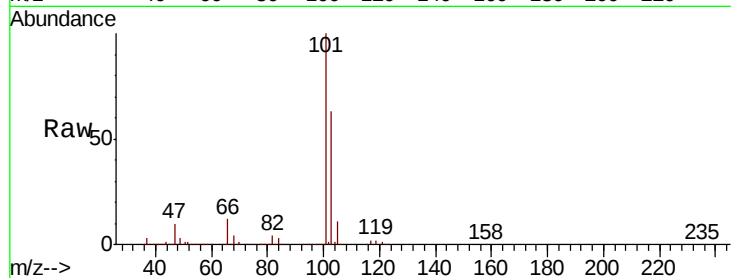


#7

Trichlorofluoromethane
Concen: 49.005 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
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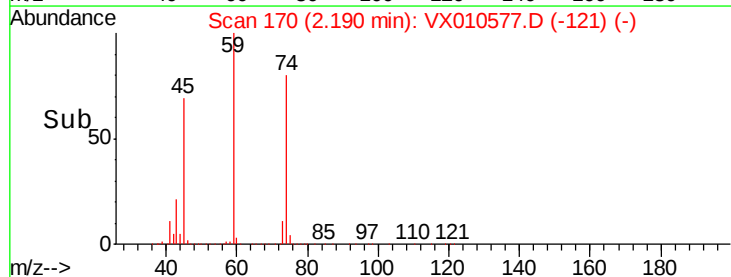
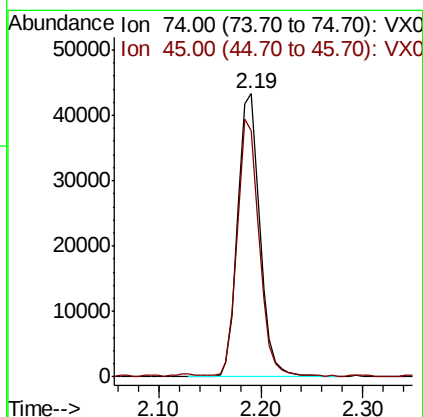
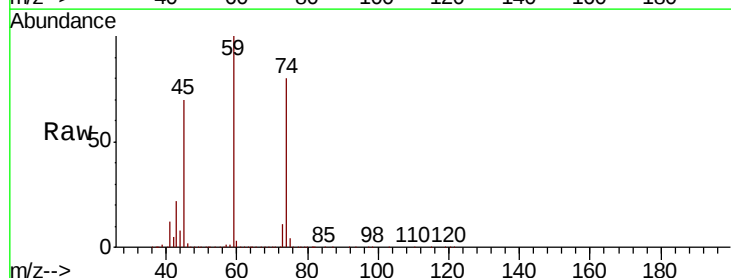
Tot Ion:101 Resp: 179384
Ion Ratio Lower Upper
101 100
103 63.5 52.3 78.5

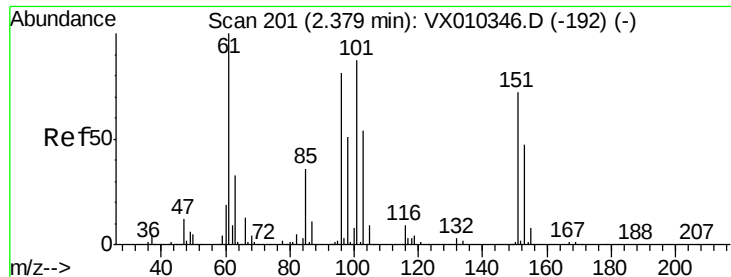


#8

Diethyl Ether
Concen: 49.287 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 74 Resp: 64701
Ion Ratio Lower Upper
74 100
45 89.6 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.405 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

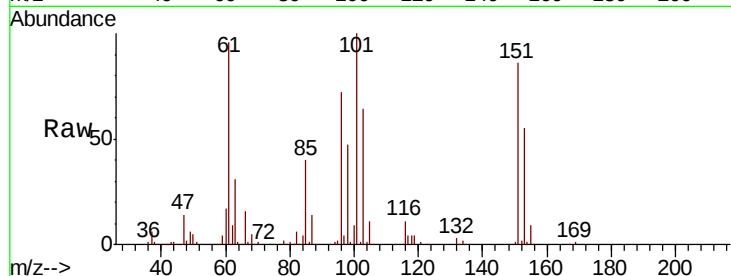
Tot Ion:101 Resp: 107378

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

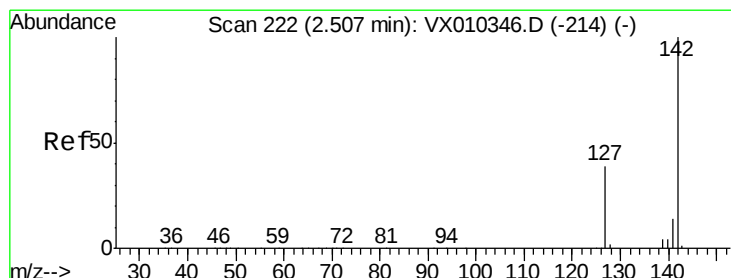
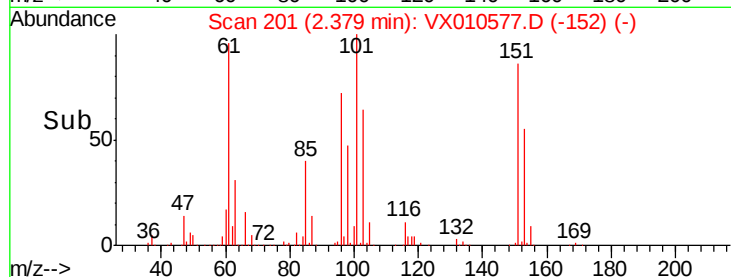
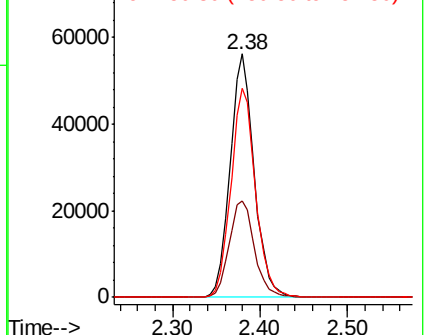
151 88.1 70.1 105.1



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: 48.366 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

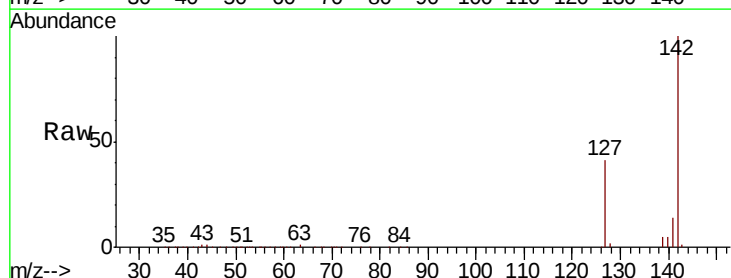
Tgt Ion:142 Resp: 153119

Ion Ratio Lower Upper

142 100

127 40.1 31.1 46.7

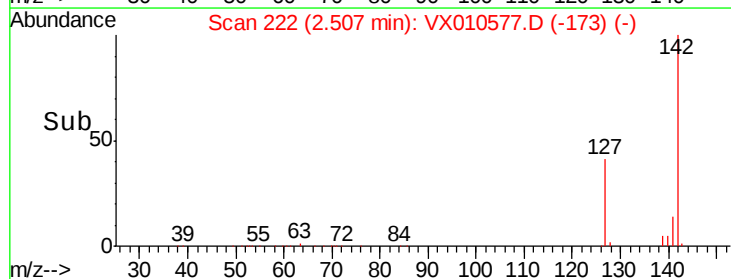
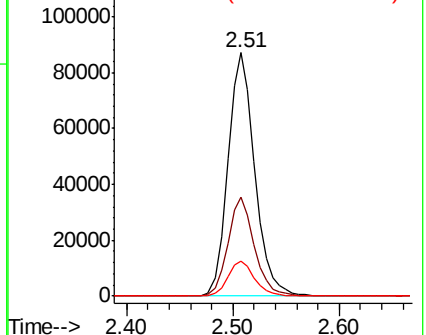
141 14.3 11.2 16.8

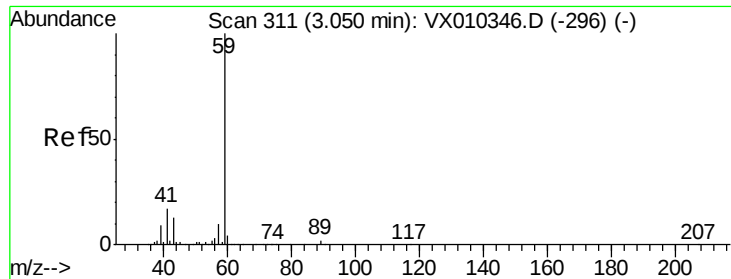


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



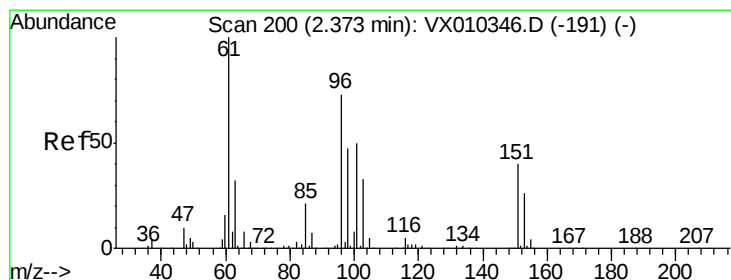
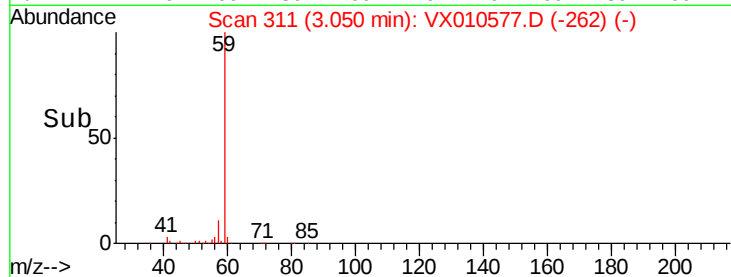
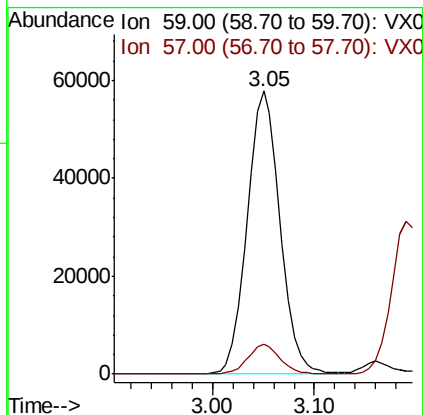
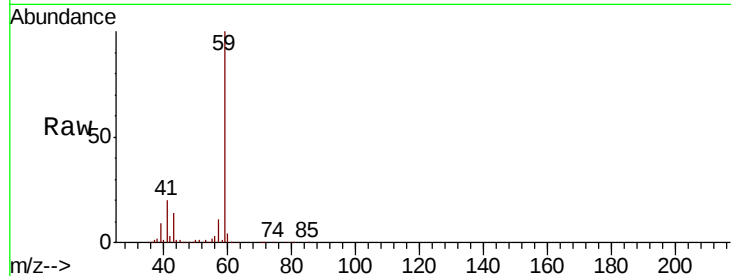


#11

Tert butyl alcohol
 Concen: 203.054 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

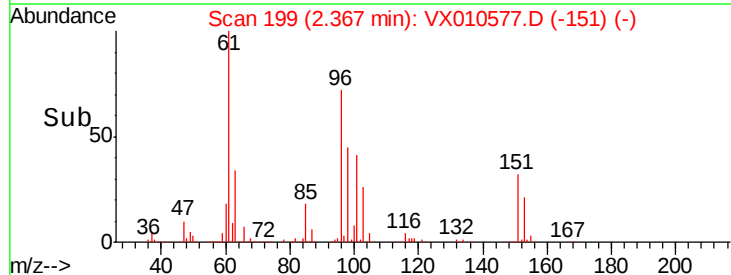
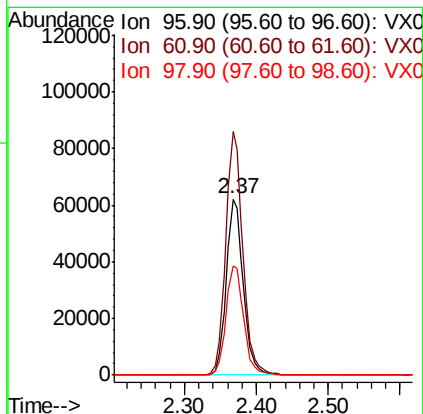
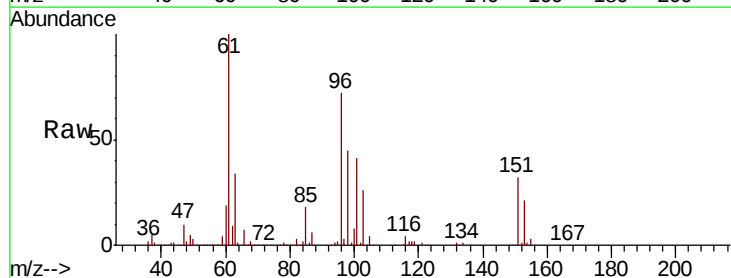
Tot Ion: 59 Resp: 129734
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.7 11.5

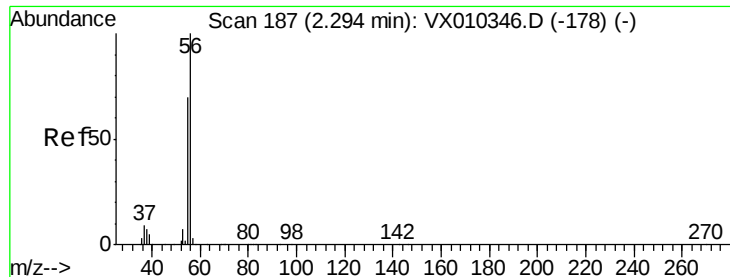


#12

1,1-Dichloroethene
 Concen: 45.489 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion: 96 Resp: 102681
 Ion Ratio Lower Upper
 96 100
 61 138.1 109.2 163.8
 98 62.2 51.1 76.7





#13

Acrolein

Concen: 256.094 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

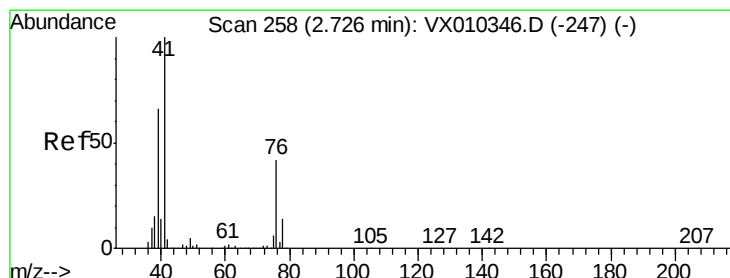
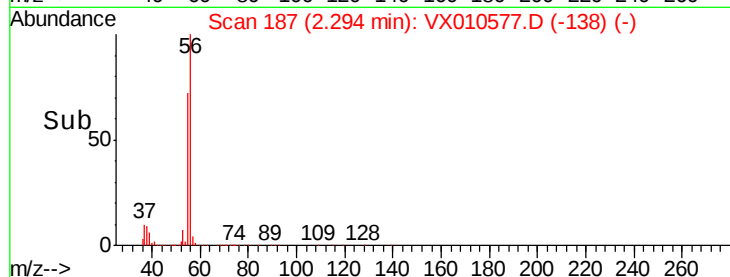
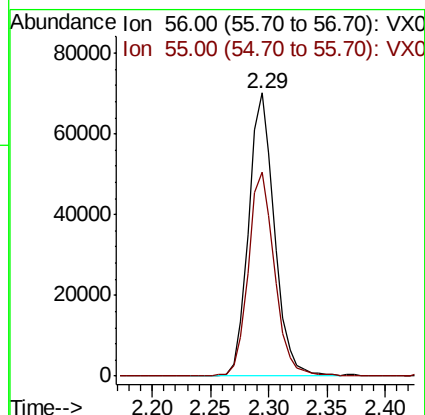
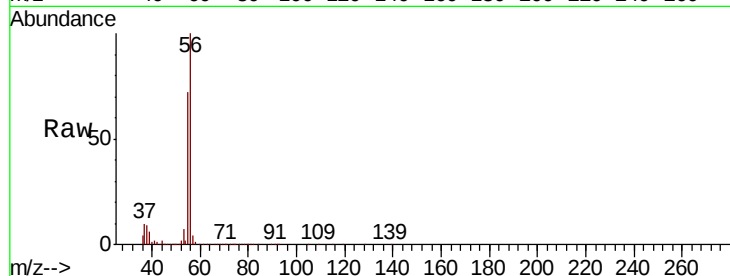
VSTDCCC050

Tot Ion: 56 Resp: 108543

Ion Ratio Lower Upper

56 100

55 73.2 56.9 85.3



#14

Allyl chloride

Concen: 48.084 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

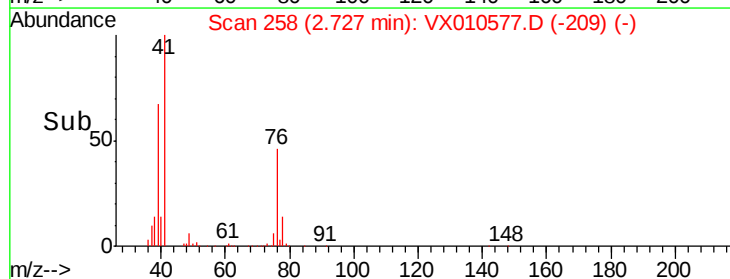
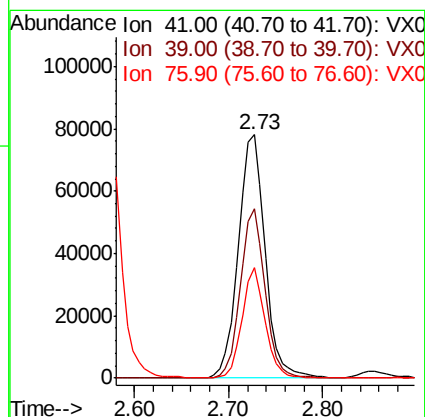
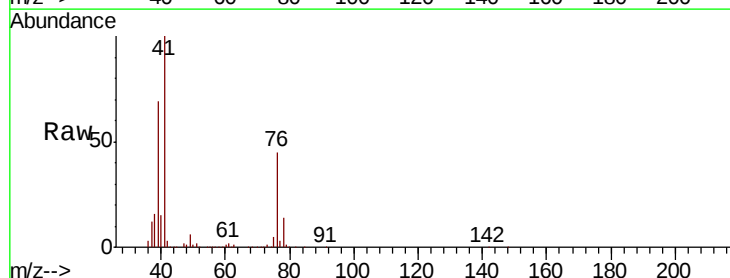
Tgt Ion: 41 Resp: 154093

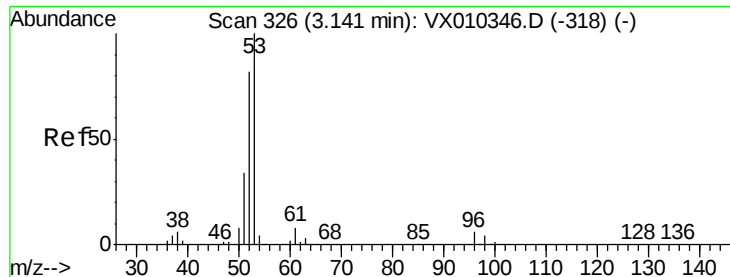
Ion Ratio Lower Upper

41 100

39 64.0 50.3 75.5

76 39.2 31.3 46.9

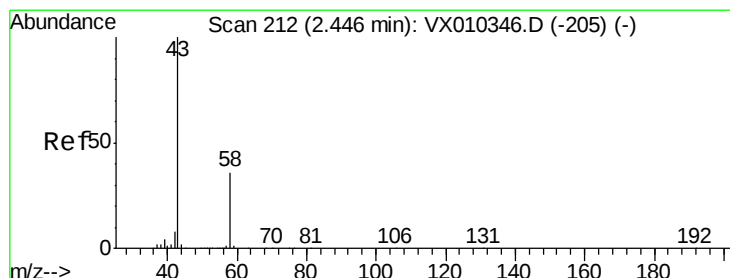
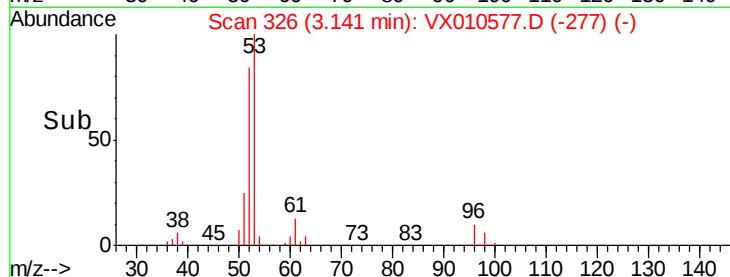
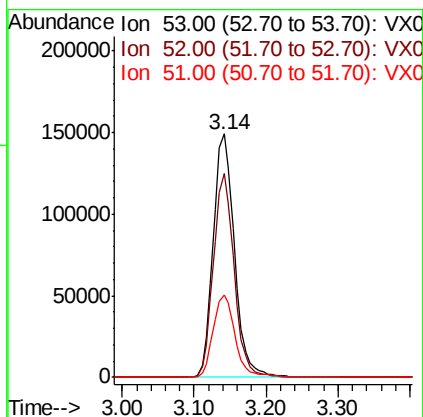
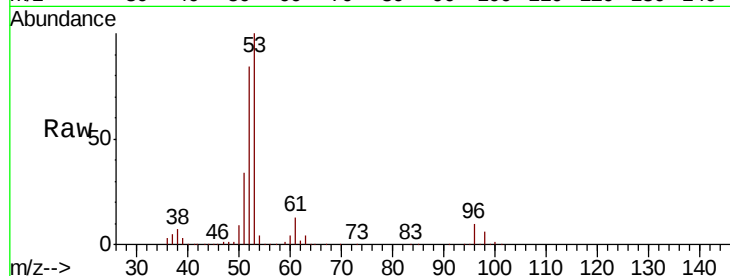




#15
 Acrylonitrile
 Concen: 241.011 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

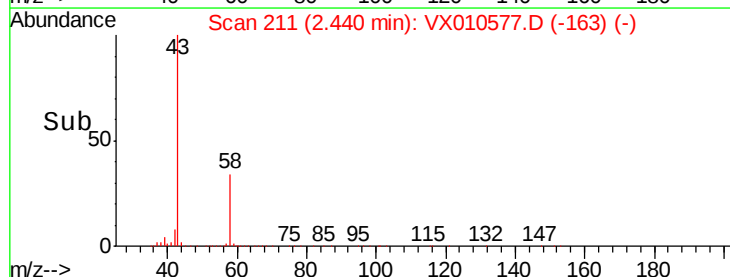
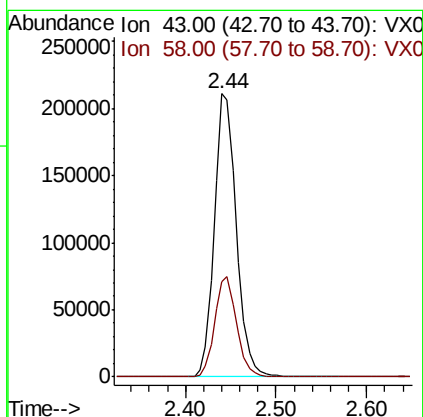
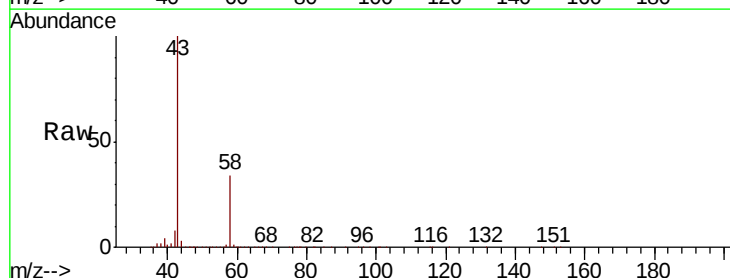
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

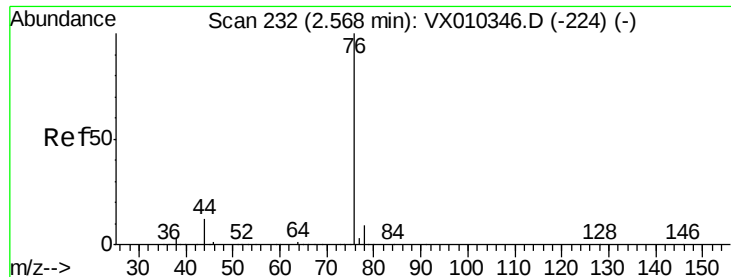
Tot Ion: 53 Resp: 304874
 Ion Ratio Lower Upper
 53 100
 52 81.7 65.5 98.3
 51 34.8 28.2 42.4



#16
 Acetone
 Concen: 292.110 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion: 43 Resp: 357458
 Ion Ratio Lower Upper
 43 100
 58 33.8 28.9 43.3

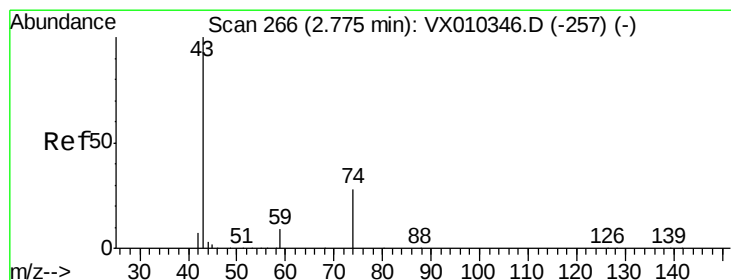
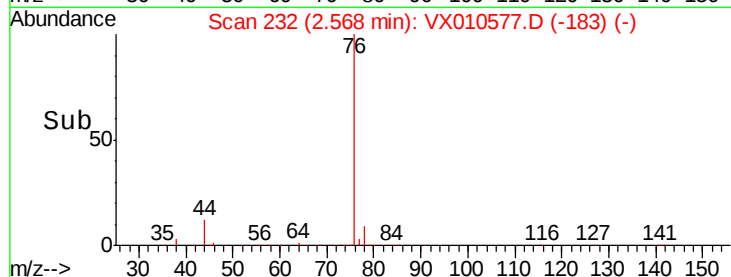
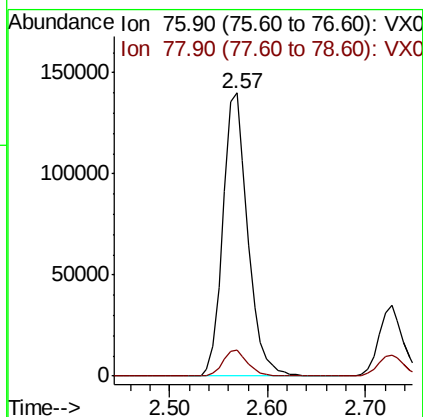
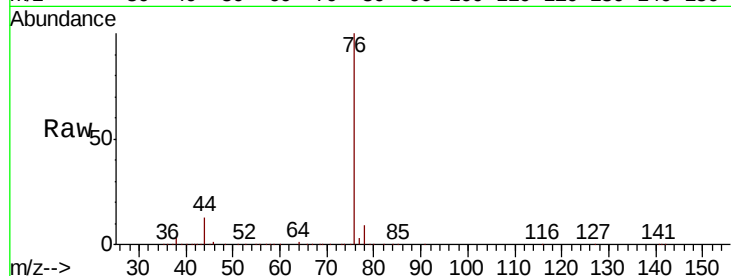




#17
Carbon Disulfide
Concen: 40.675 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

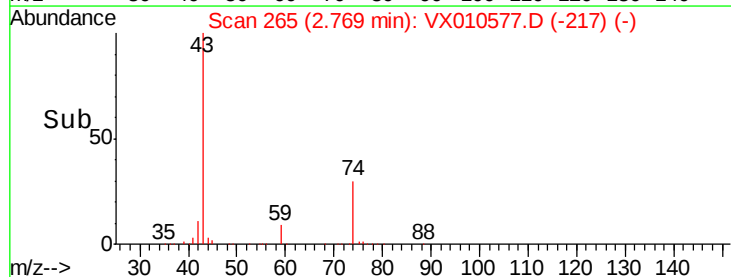
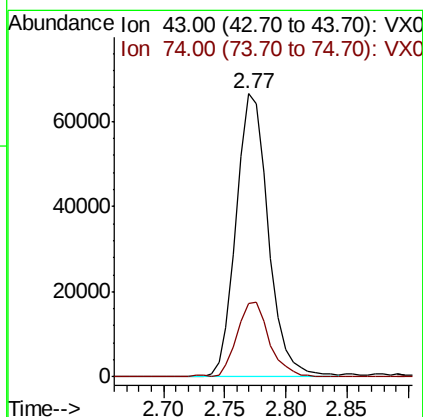
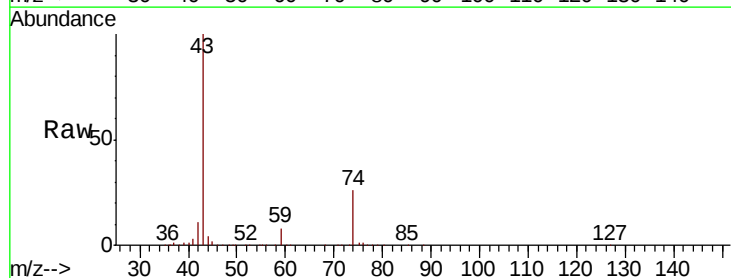
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

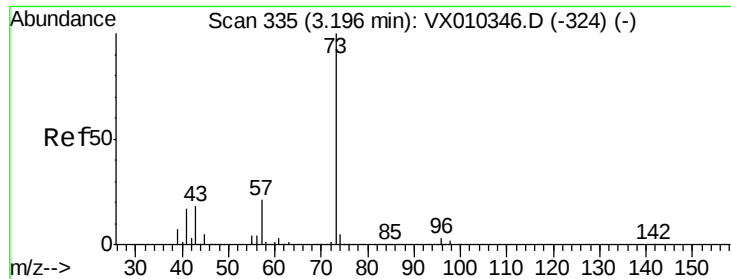
Tot Ion: 76 Resp: 246327
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 49.496 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 43 Resp: 120717
Ion Ratio Lower Upper
43 100
74 27.1 21.3 31.9



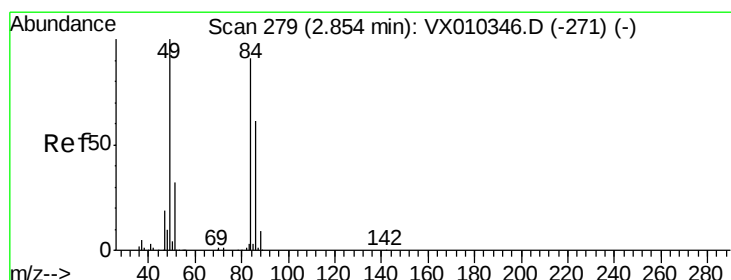
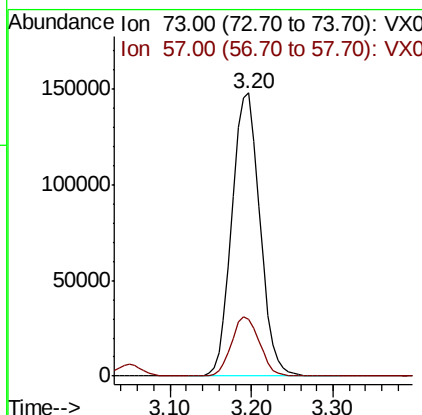
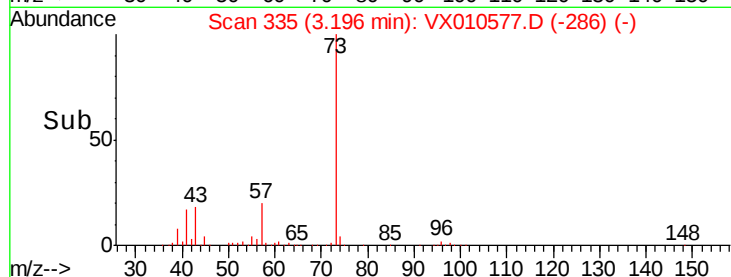
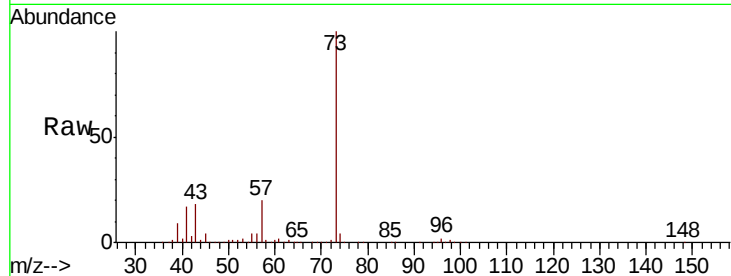


#19

Methyl tert-butyl Ether
 Concen: 49.351 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

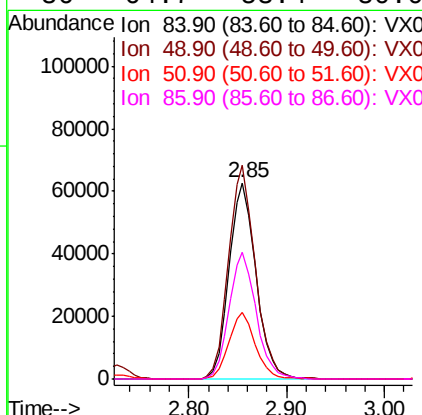
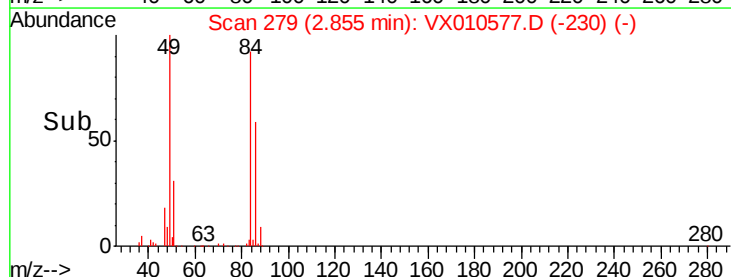
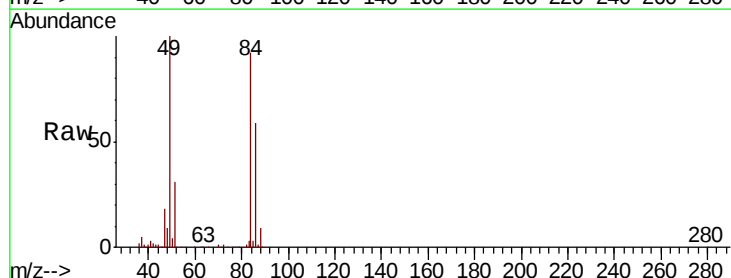
Tot Ion: 73 Resp: 350449
 Ion Ratio Lower Upper
 73 100
 57 20.3 16.4 24.6

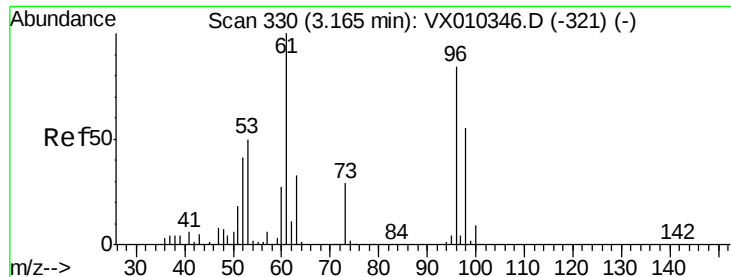


#20

Methylene Chloride
 Concen: 47.680 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion: 84 Resp: 120073
 Ion Ratio Lower Upper
 84 100
 49 108.7 87.5 131.3
 51 33.7 27.7 41.5
 86 64.7 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 46.466 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

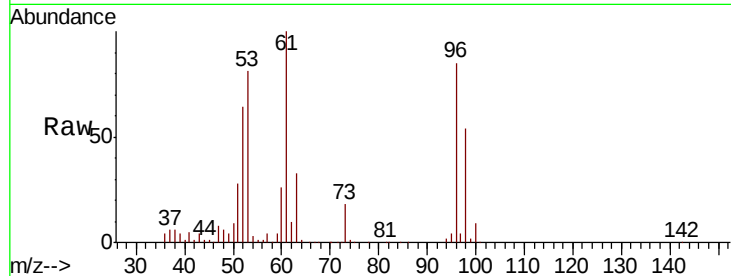
Tot Ion: 96 Resp: 112806

Ion Ratio Lower Upper

96 100

61 117.8 95.6 143.4

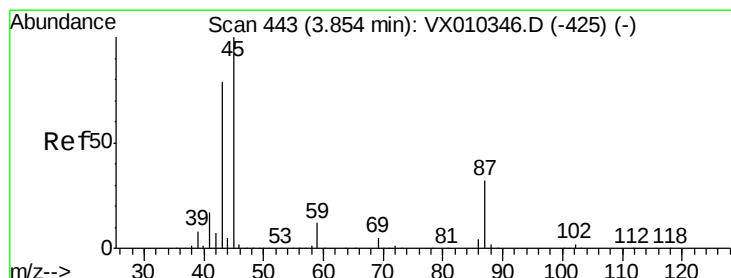
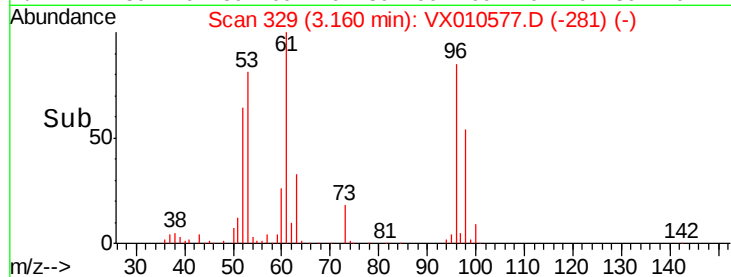
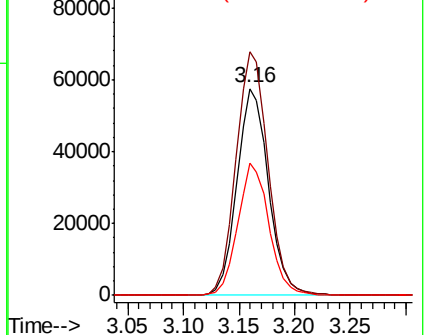
98 63.6 52.5 78.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.973 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Tgt Ion: 45 Resp: 328135

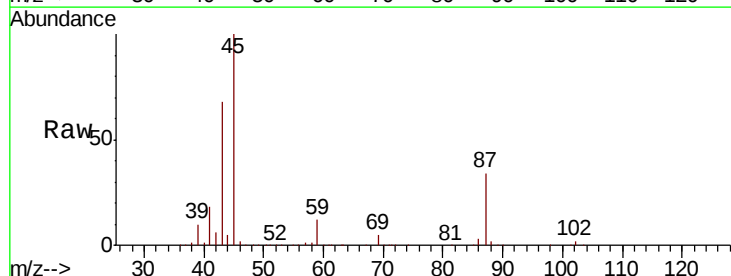
Ion Ratio Lower Upper

45 100

43 67.9 63.3 94.9

87 33.7 25.8 38.8

59 12.1 9.6 14.4

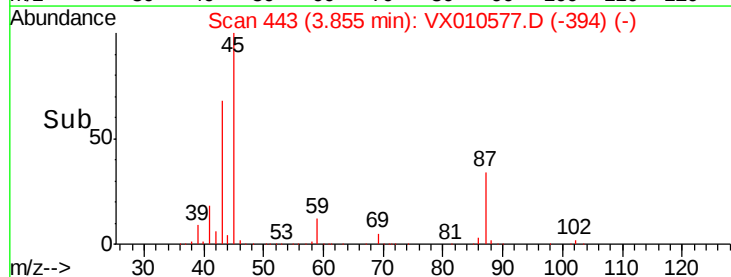
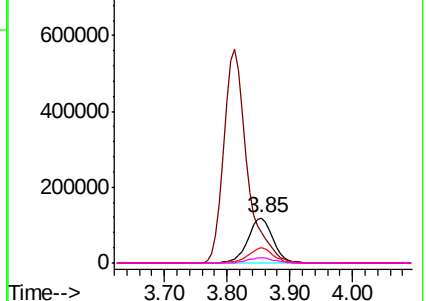


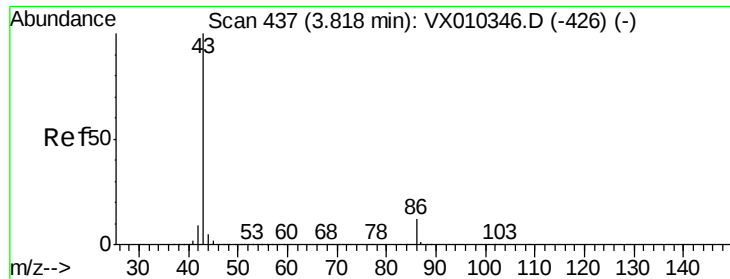
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 250.407 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

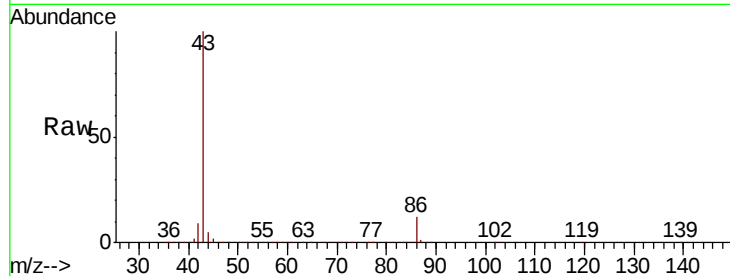
VSTDCCC050

Tot Ion: 43 Resp: 1449432

Ion Ratio Lower Upper

43 100

86 12.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

600000

500000

400000

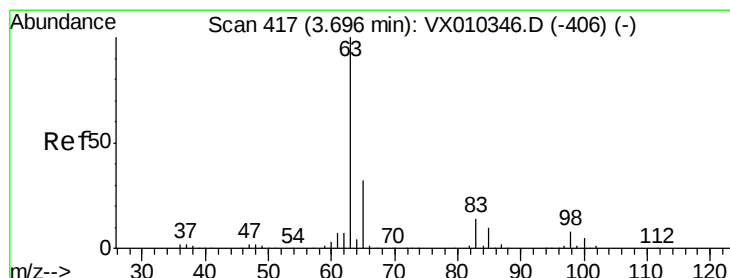
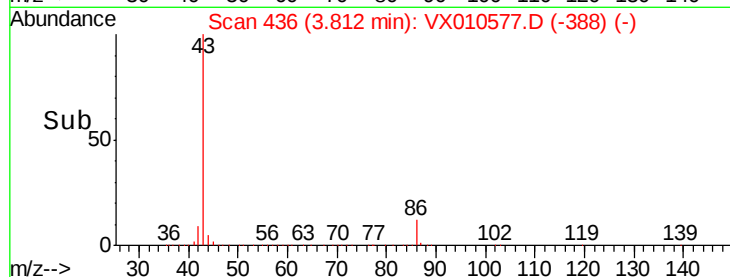
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 48.148 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

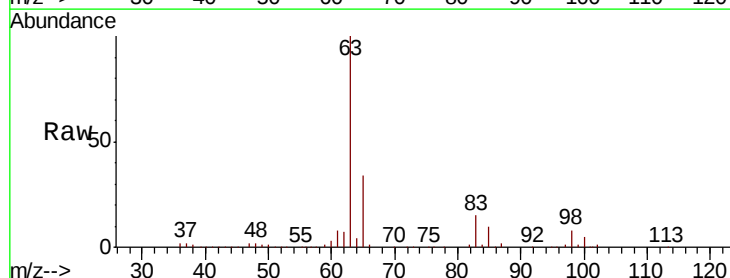
Tgt Ion: 63 Resp: 186477

Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.7

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

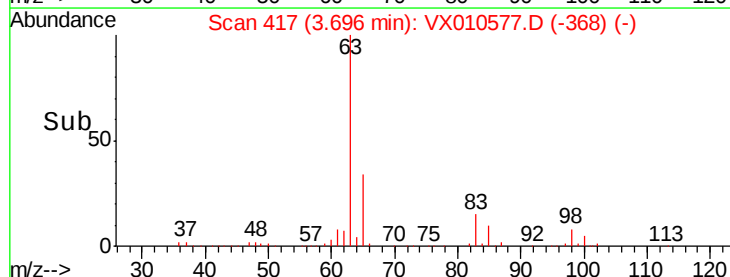
60000

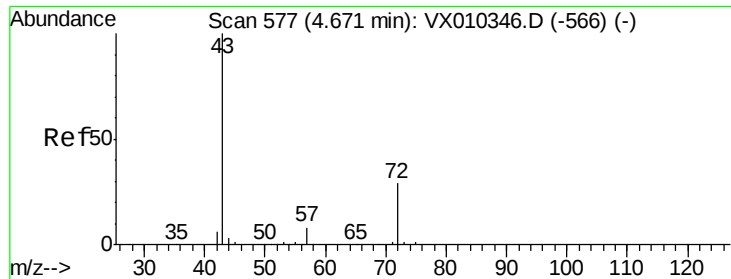
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 260.320 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

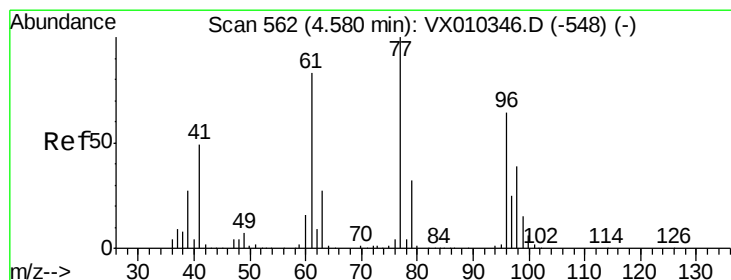
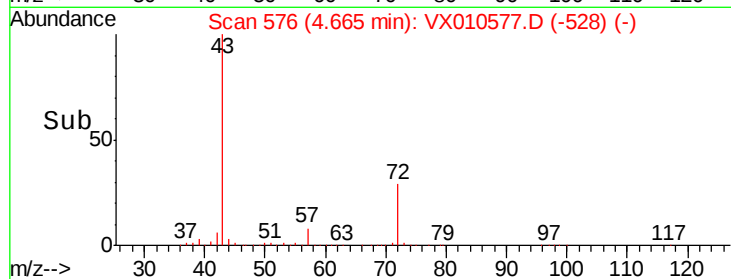
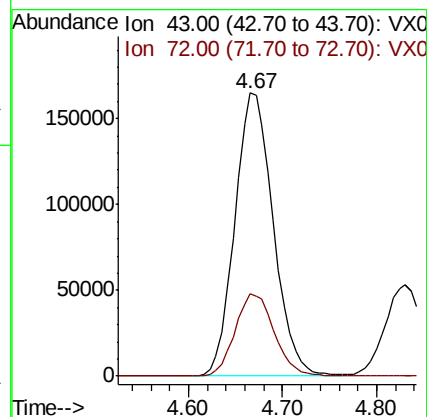
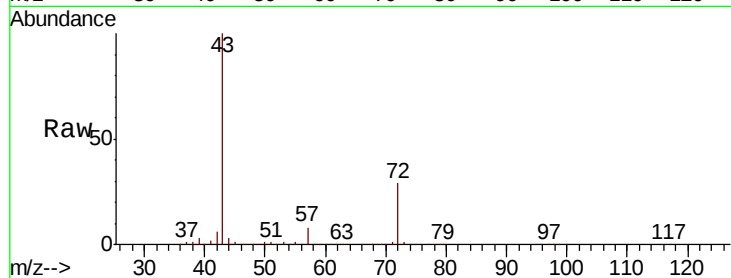
VSTDCCC050

Tot Ion: 43 Resp: 467282

Ion Ratio Lower Upper

43 100

72 29.2 23.3 34.9



#26

2,2-Dichloropropane

Concen: 49.241 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010577.D

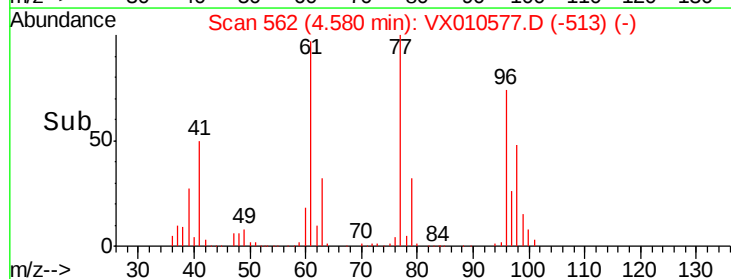
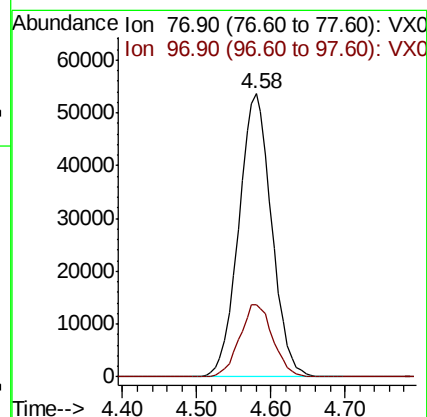
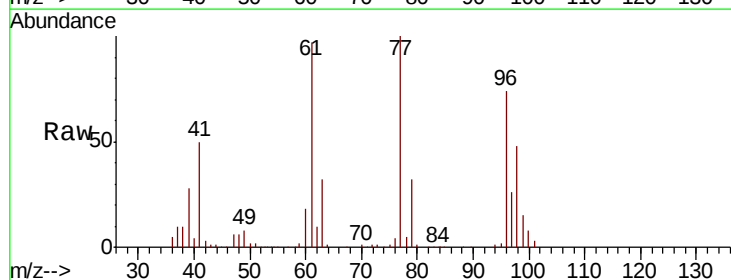
Acq: 01 Jul 2019 09:36

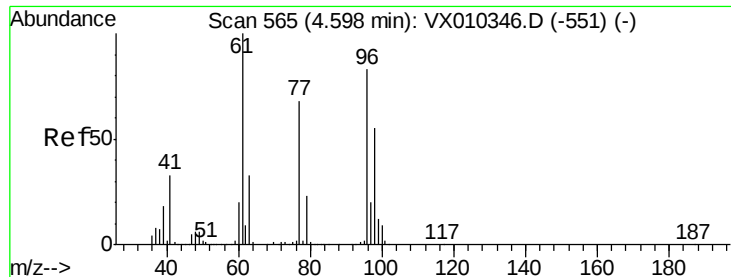
Tgt Ion: 77 Resp: 165668

Ion Ratio Lower Upper

77 100

97 26.0 13.1 39.3



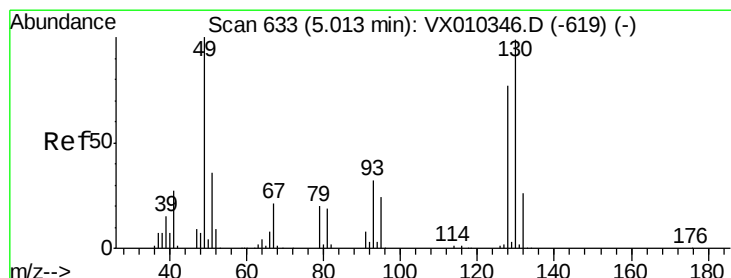
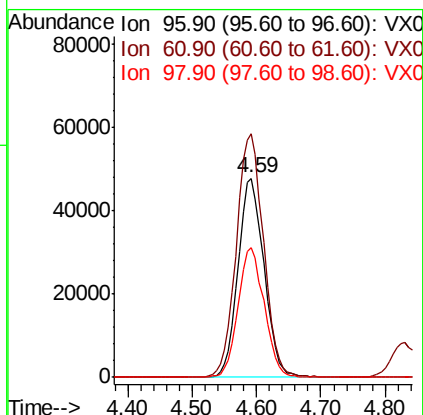
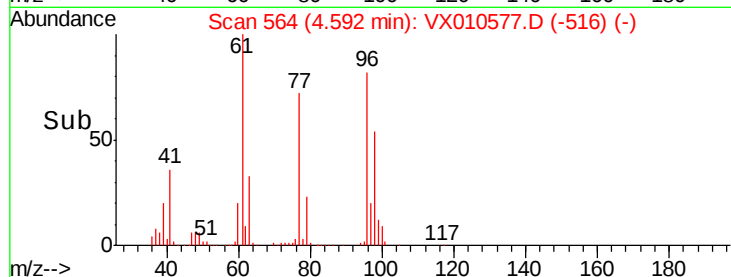
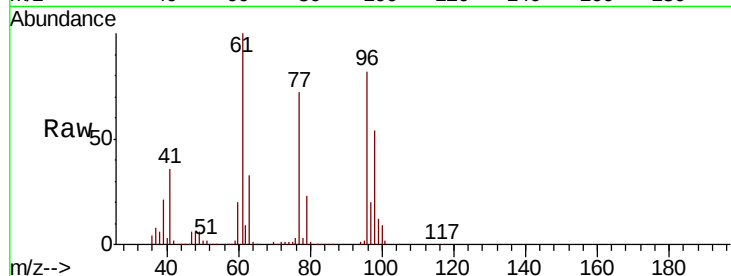


#27

cis-1,2-Dichloroethene
Concen: 47.545 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

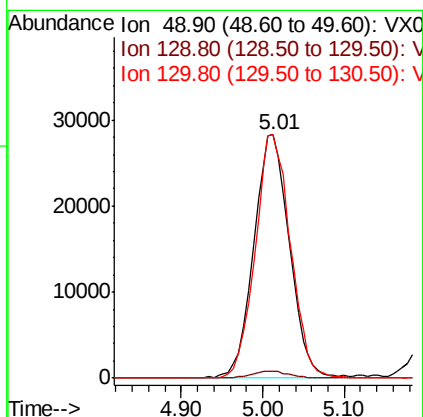
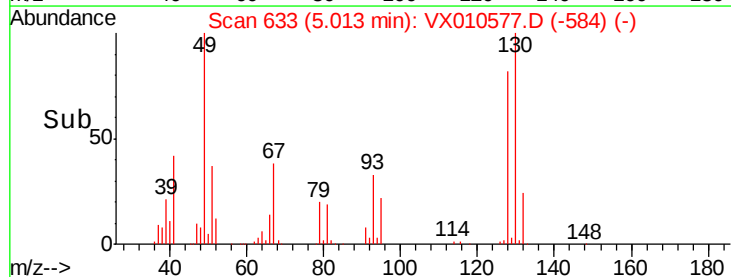
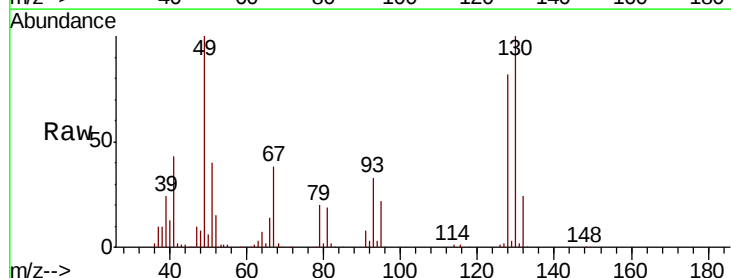
Tot Ion: 96 Resp: 133384
Ion Ratio Lower Upper
96 100
61 128.5 0.0 251.8
98 65.5 0.0 129.4

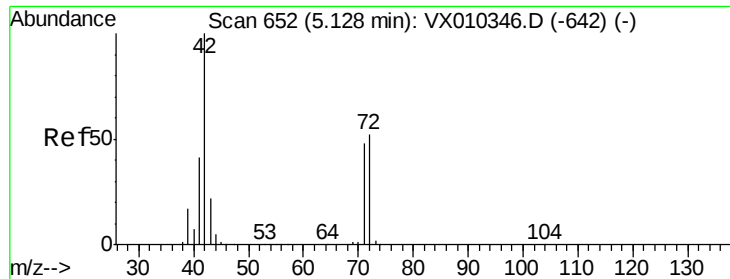


#28

Bromochloromethane
Concen: 46.483 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 49 Resp: 86075
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.6
130 99.2 81.4 122.0

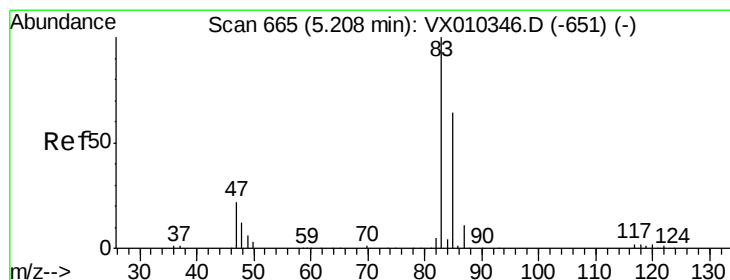
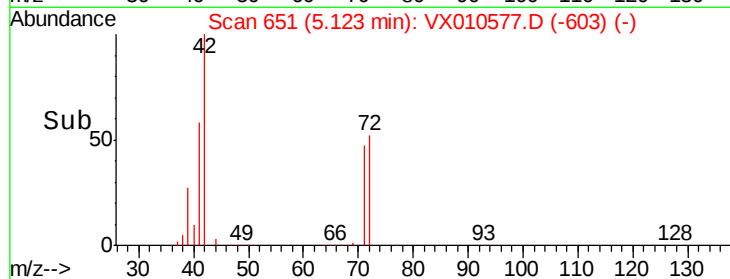
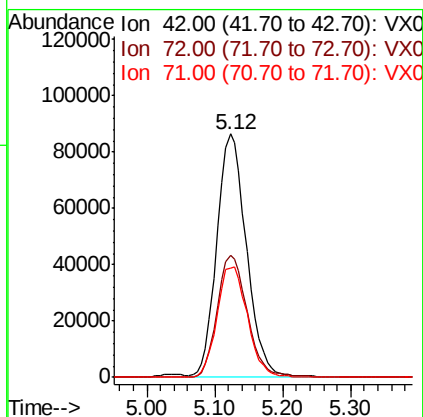
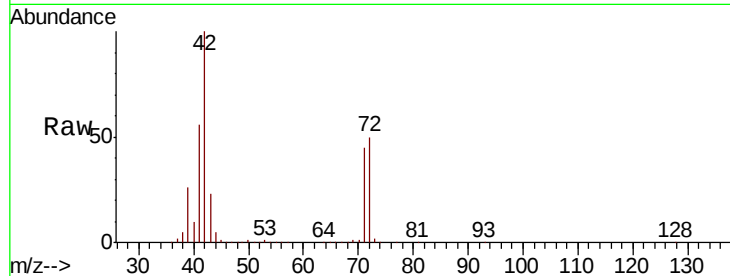




#29
Tetrahydrofuran
Concen: 234.085 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

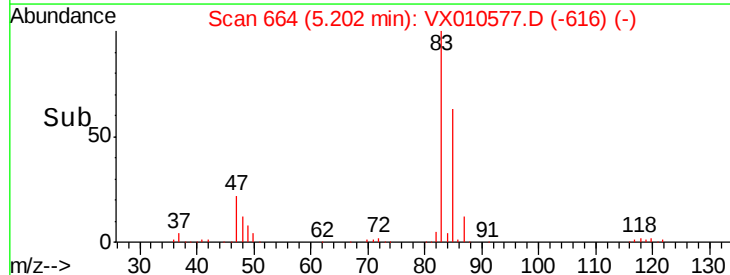
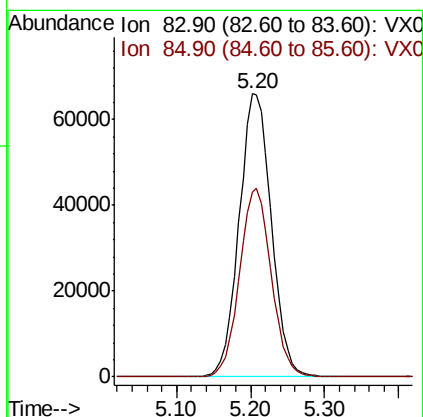
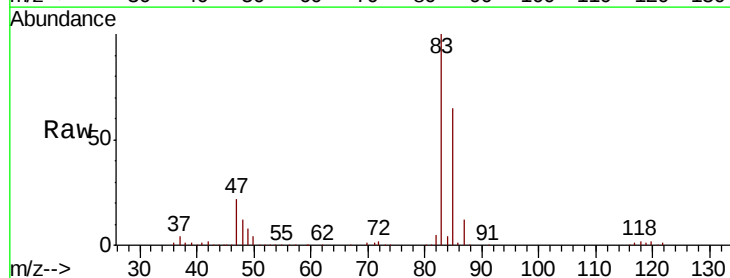
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

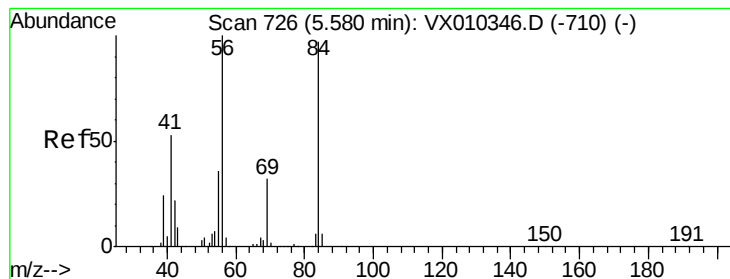
Tot Ion: 42 Resp: 260268
Ion Ratio Lower Upper
42 100
72 51.2 40.6 60.8
71 46.9 37.8 56.8



#30
Chloroform
Concen: 48.193 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 83 Resp: 200826
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3





#31

Cyclohexane

Concen: 46.179 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

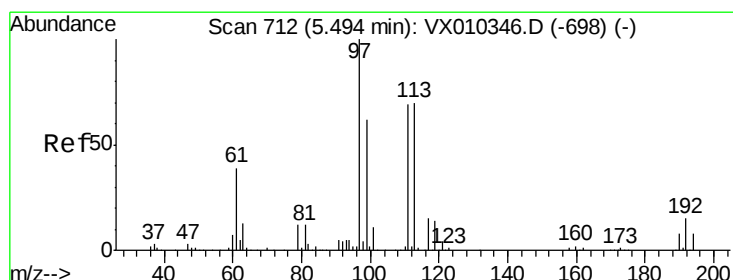
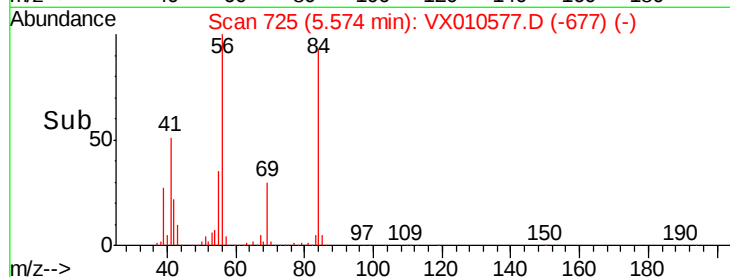
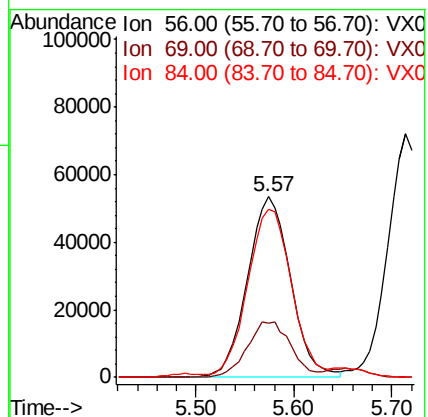
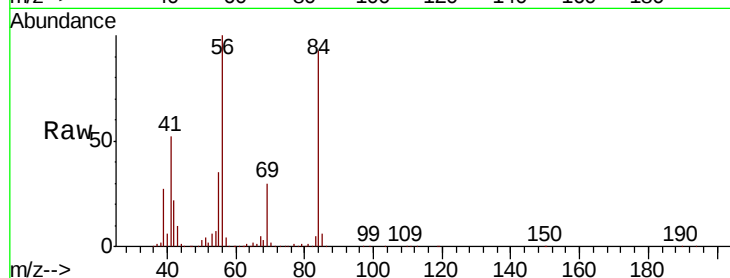
Tot Ion: 56 Resp: 162869

Ion Ratio Lower Upper

56 100

69 30.2 25.9 38.9

84 91.4 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 49.112 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

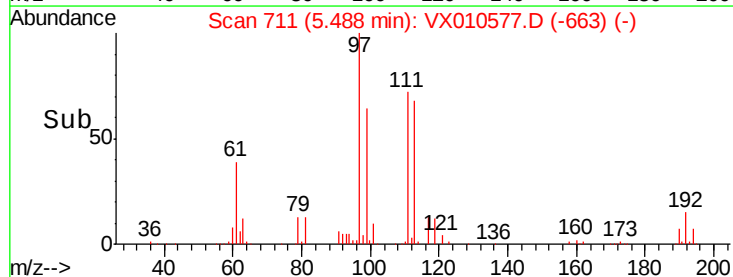
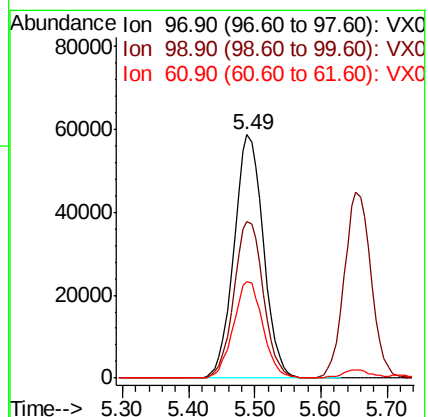
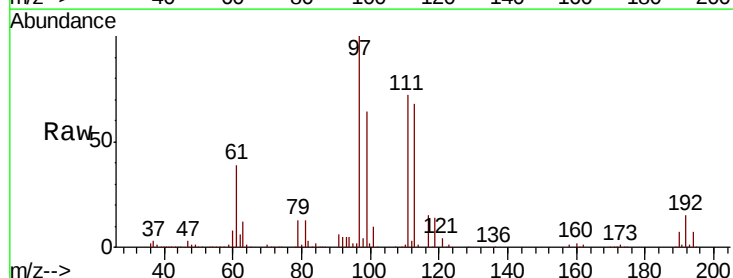
Tgt Ion: 97 Resp: 180711

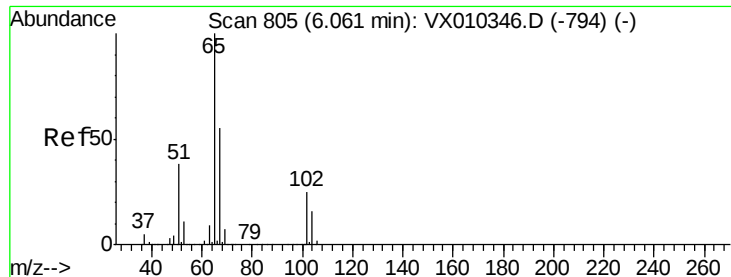
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

61 39.9 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 49.340 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

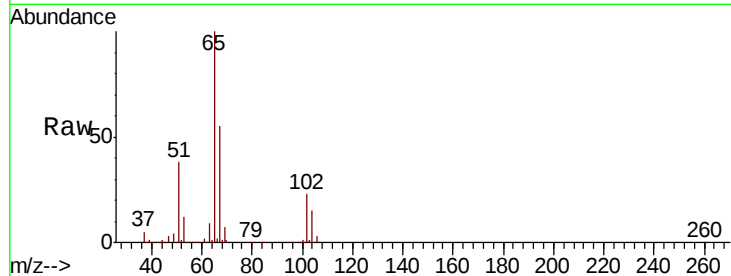
VSTDCCC050

Tot Ion: 65 Resp: 120474

Ion Ratio Lower Upper

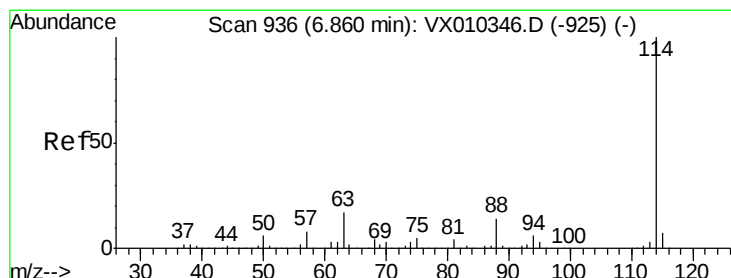
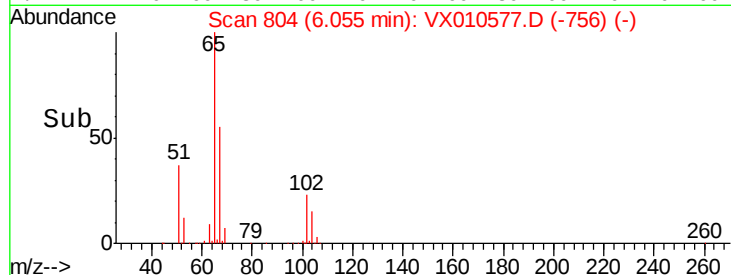
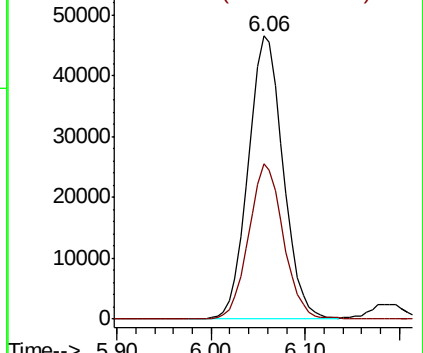
65 100

67 54.4 0.0 110.2



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

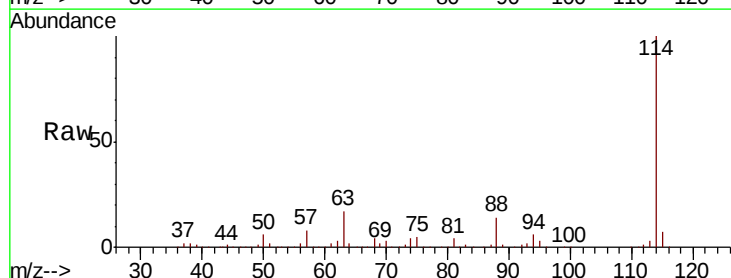
Tgt Ion: 114 Resp: 378504

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.8

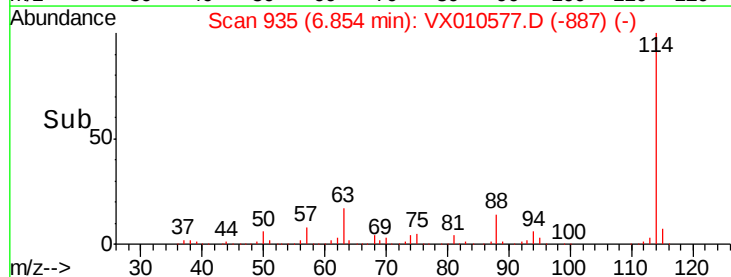
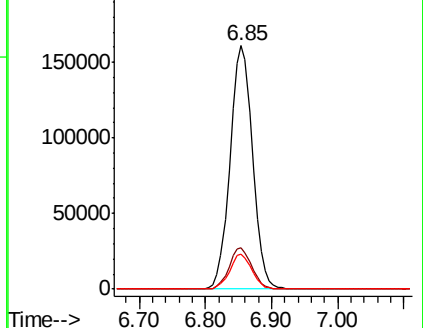
88 14.3 0.0 27.6

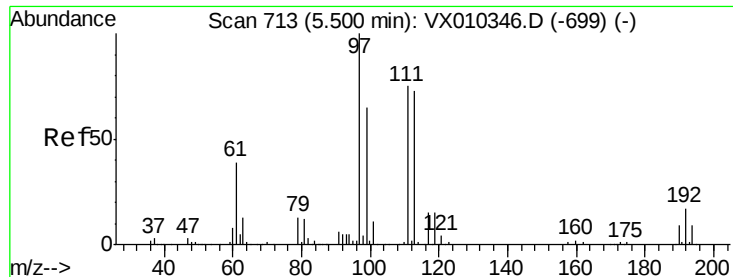


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

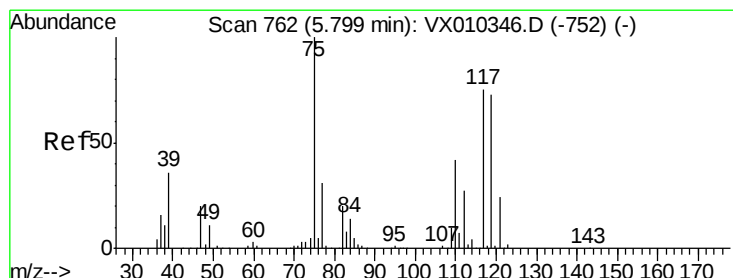
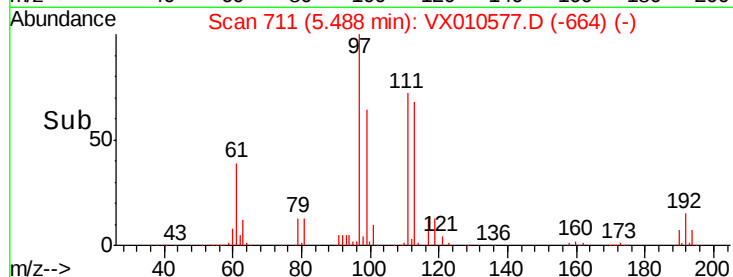
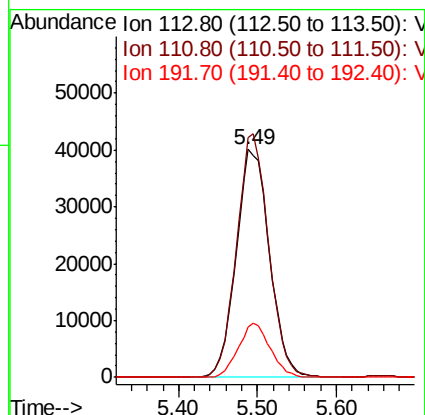
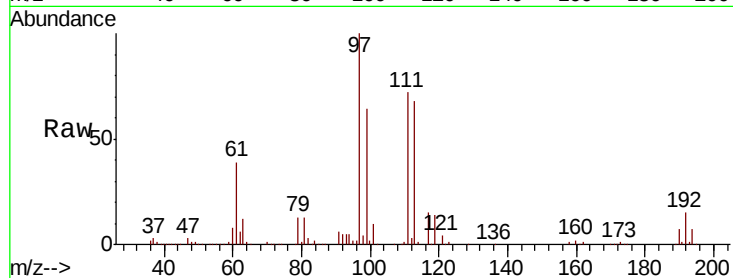




#35
 Dibromofluoromethane
 Concen: 50.934 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

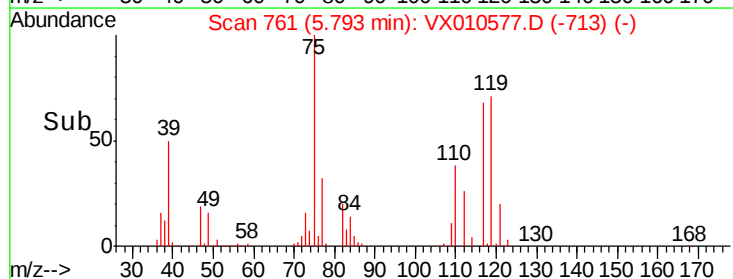
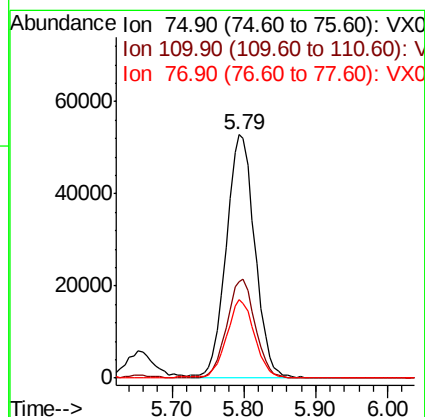
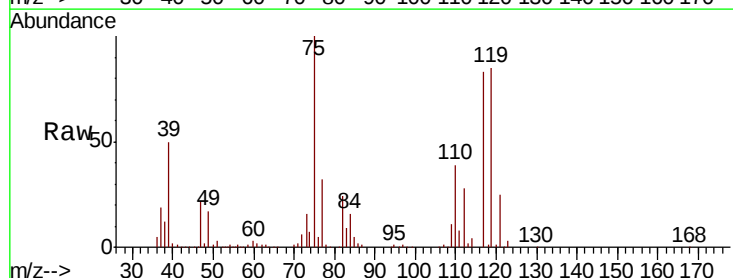
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

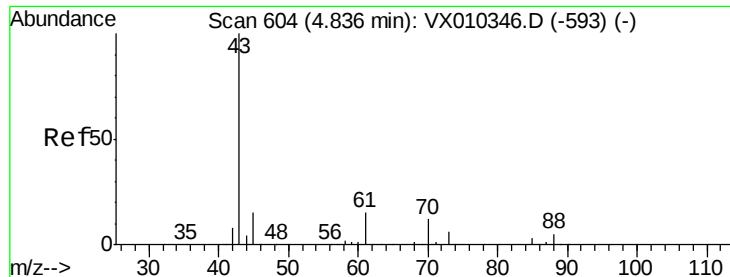
Tot Ion:113 Resp: 117955
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.2 121.8
 192 22.4 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 48.628 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion: 75 Resp: 146263
 Ion Ratio Lower Upper
 75 100
 110 40.2 20.8 62.2
 77 30.6 25.4 38.0





#37

Ethyl Acetate

Concen: 50.133 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

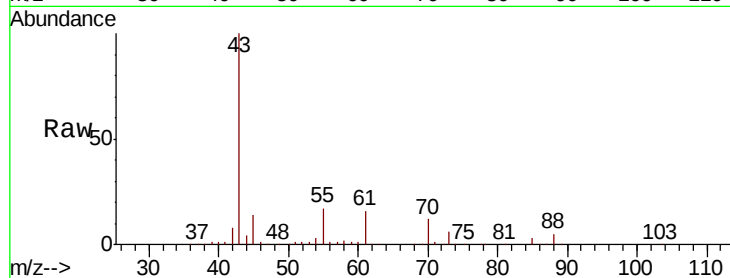
Tot Ion: 43 Resp: 155127

Ion Ratio Lower Upper

43 100

61 15.4 12.4 18.6

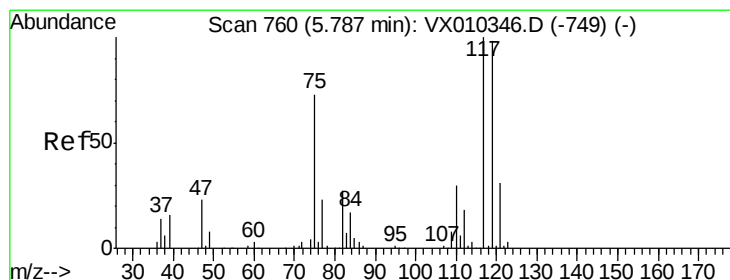
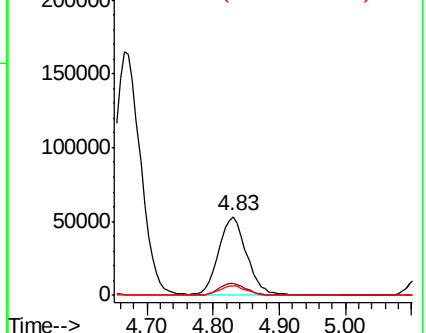
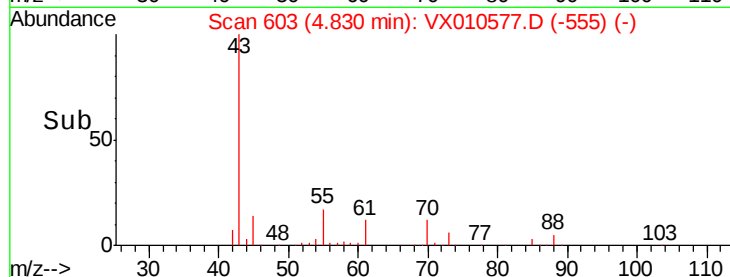
70 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.903 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

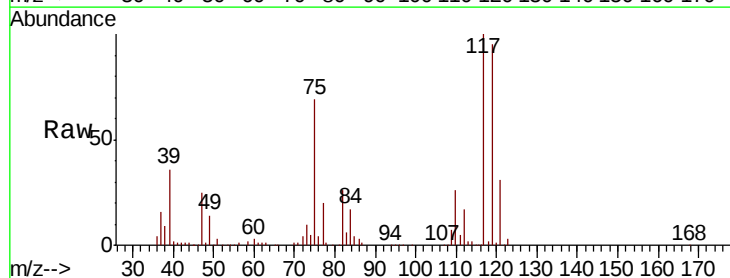
Tgt Ion: 117 Resp: 162537

Ion Ratio Lower Upper

117 100

119 94.9 78.2 117.4

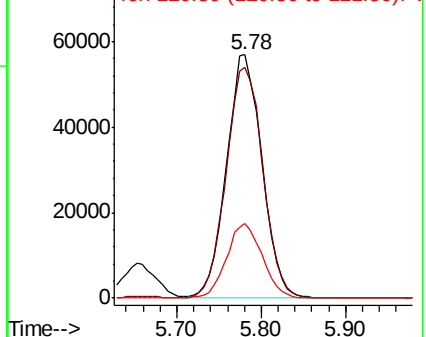
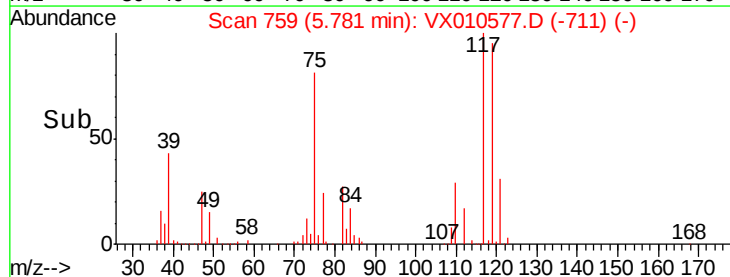
121 30.6 24.7 37.1

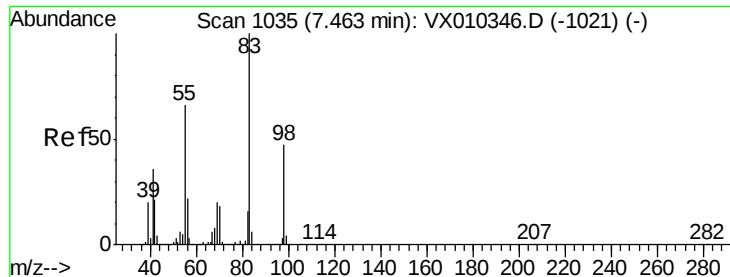


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

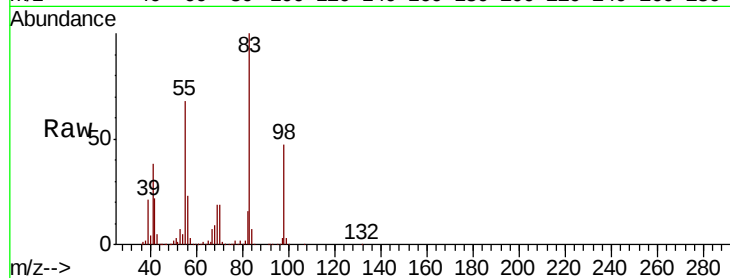




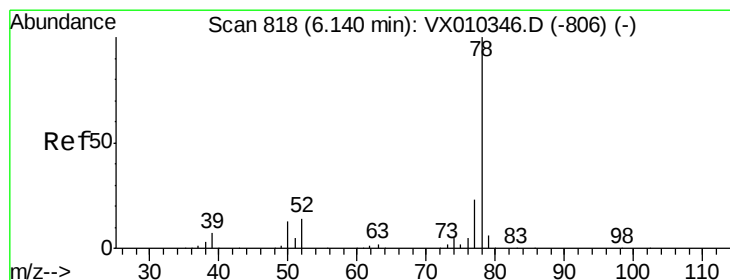
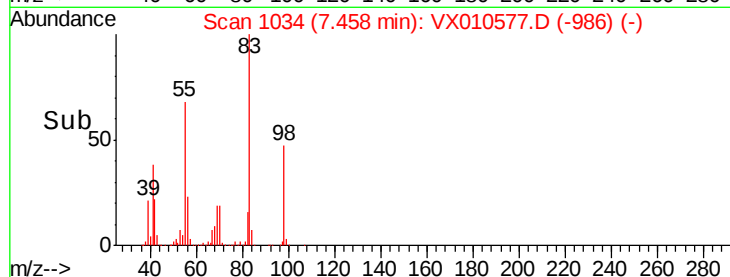
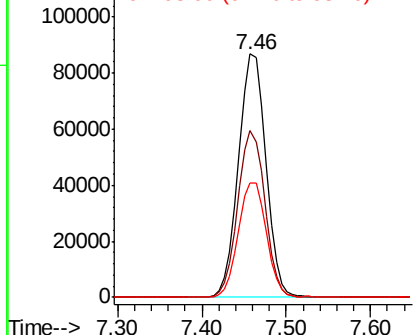
#39
Methvlcvclohexane
Concen: 48.277 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 190872
Ion Ratio Lower Upper
83 100
55 68.5 53.0 79.6
98 46.8 37.8 56.8

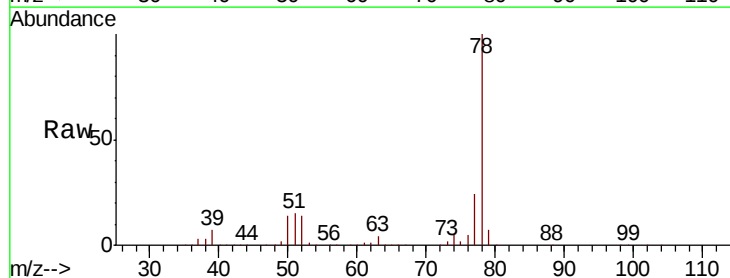


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

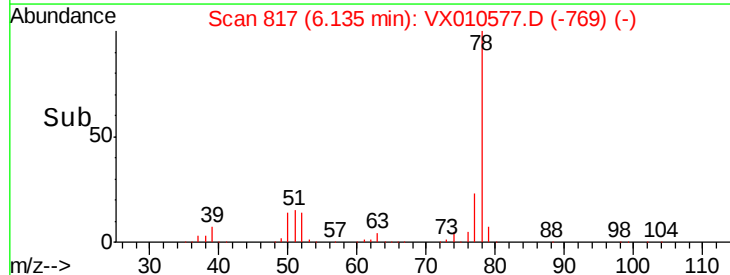
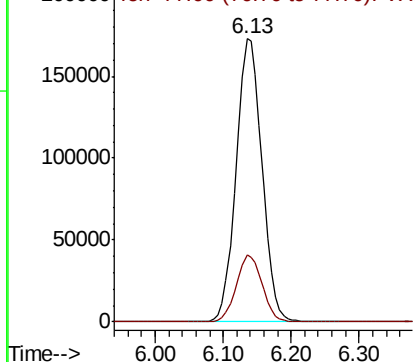


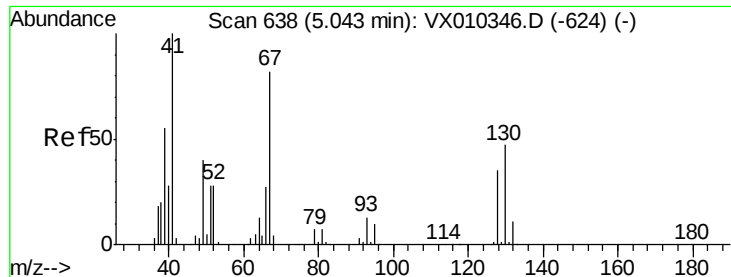
#40
Benzene
Concen: 48.617 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 78 Resp: 455580
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0



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





#41

Methacrylonitrile

Concen: 49.474 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 83996

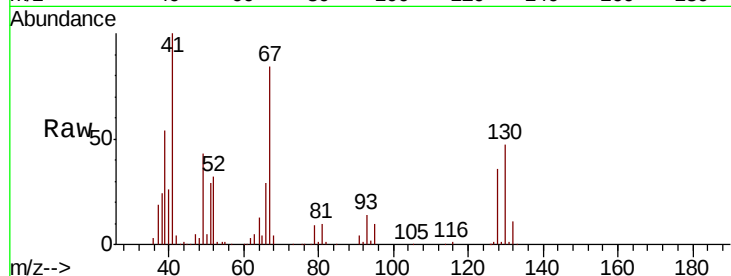
Ion Ratio Lower Upper

41 100

39 54.4 43.8 65.8

67 82.9 66.6 100.0

52 32.5 24.5 36.7

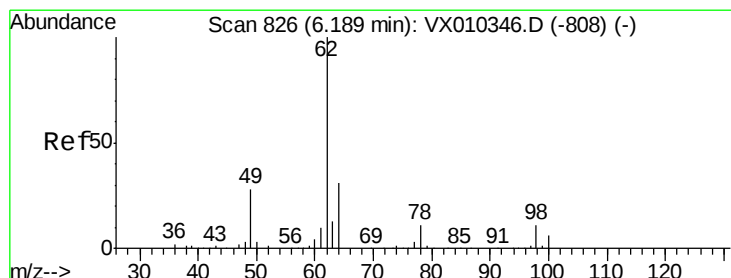
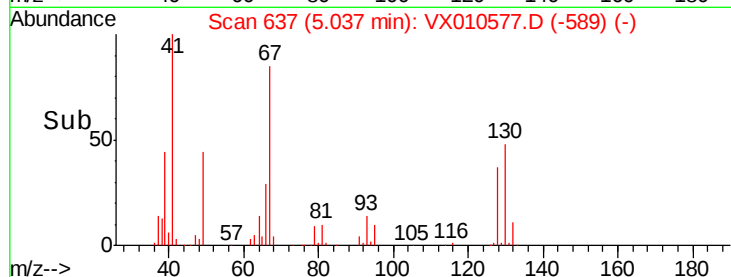
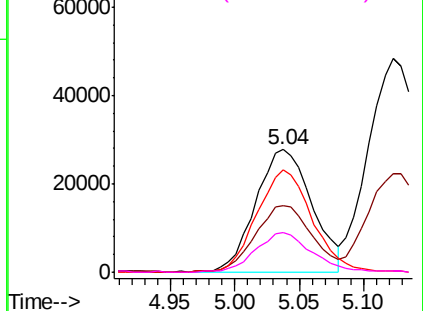


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.265 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010577.D

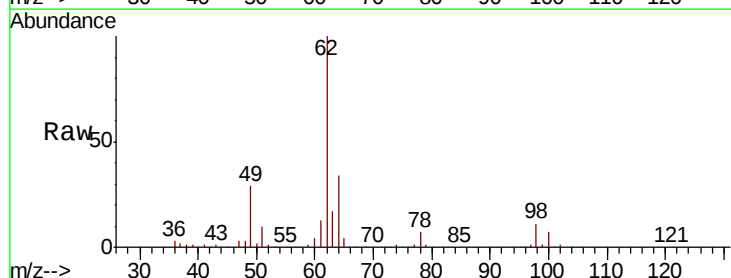
Acq: 01 Jul 2019 09:36

Tgt Ion: 62 Resp: 149084

Ion Ratio Lower Upper

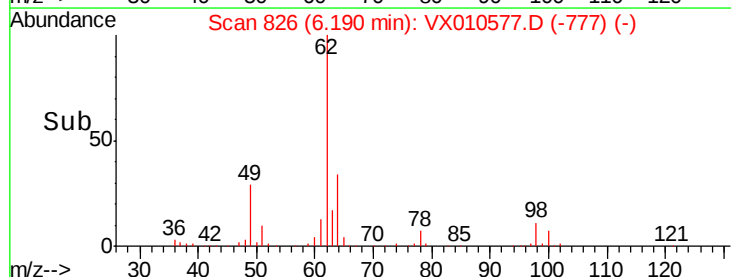
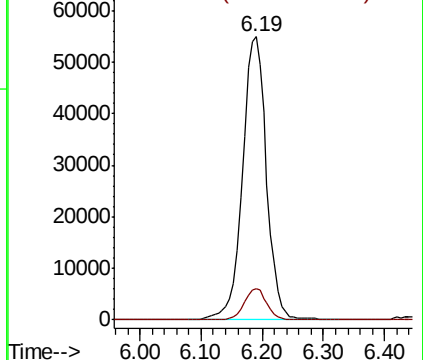
62 100

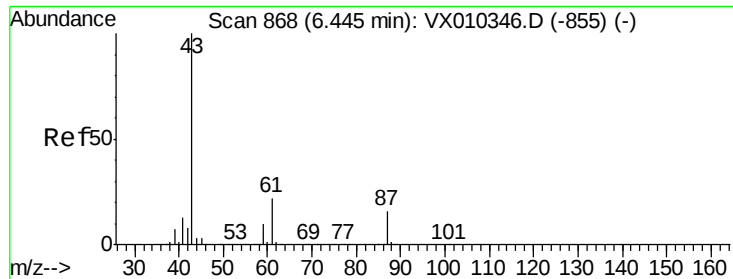
98 10.4 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



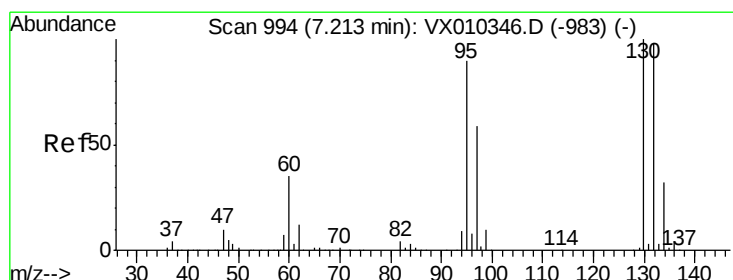
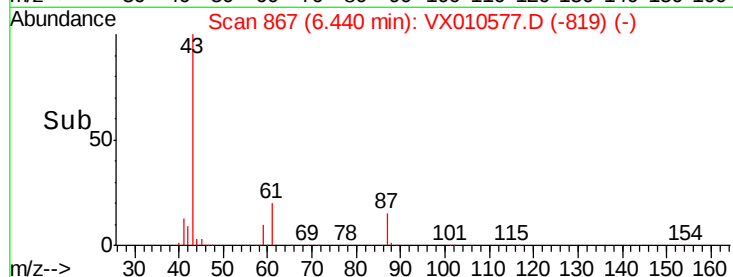
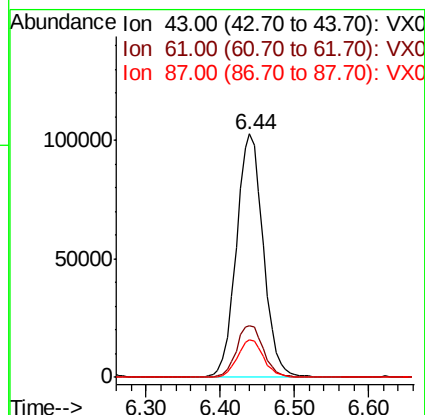
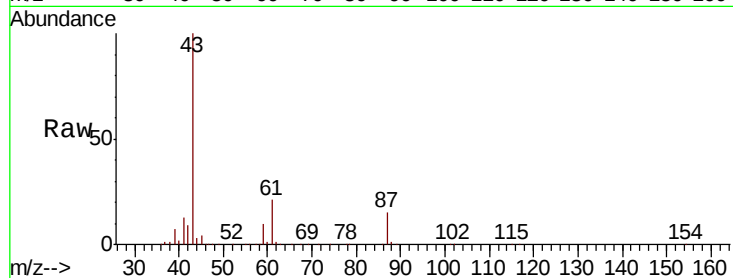


#43

Isopropyl Acetate
 Concen: 50.442 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

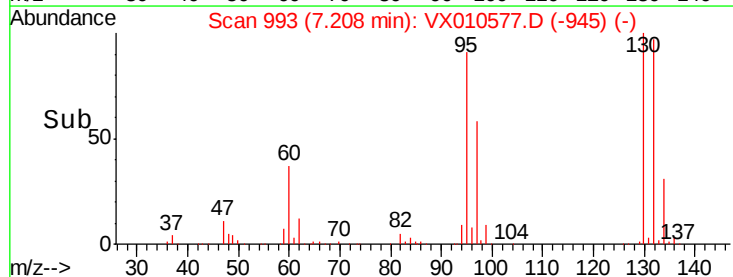
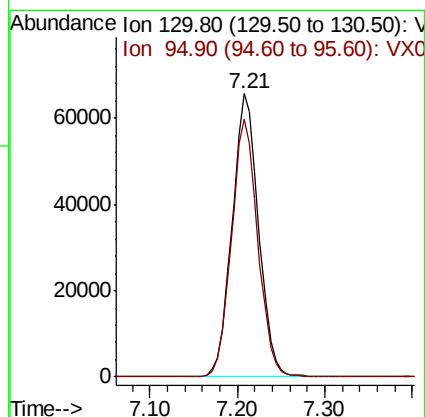
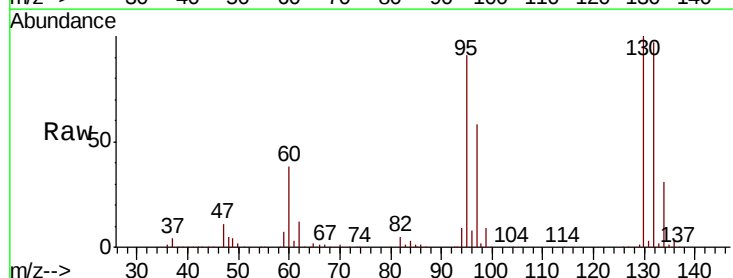
Tot Ion: 43 Resp: 258234
 Ion Ratio Lower Upper
 43 100
 61 21.6 17.8 26.6
 87 15.2 13.0 19.4

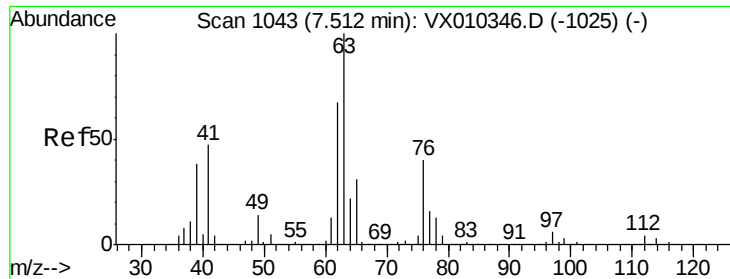


#44

Trichloroethene
 Concen: 49.327 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion: 130 Resp: 138311
 Ion Ratio Lower Upper
 130 100
 95 90.9 0.0 180.8





#45

1,2-Dichloropropane

Concen: 49.428 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

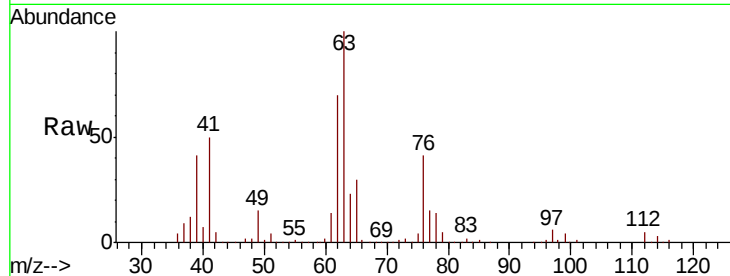
VSTDCCC050

Tot Ion: 63 Resp: 116966

Ion Ratio Lower Upper

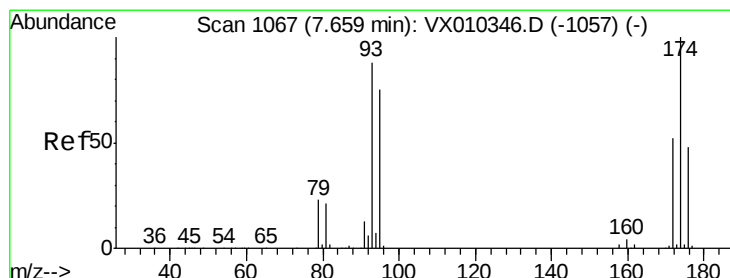
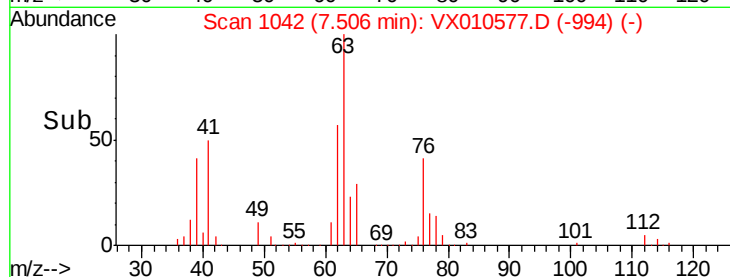
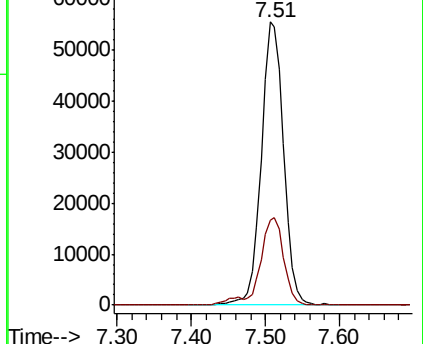
63 100

65 29.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.732 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

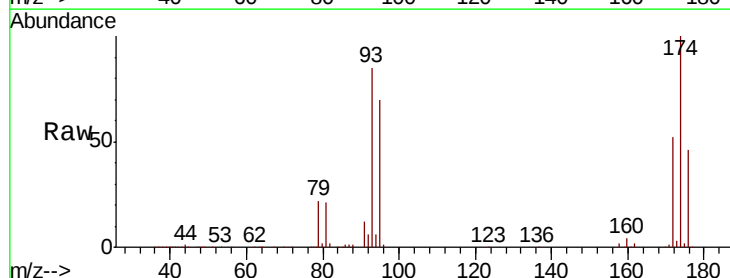
Tgt Ion: 93 Resp: 84436

Ion Ratio Lower Upper

93 100

95 83.9 67.5 101.3

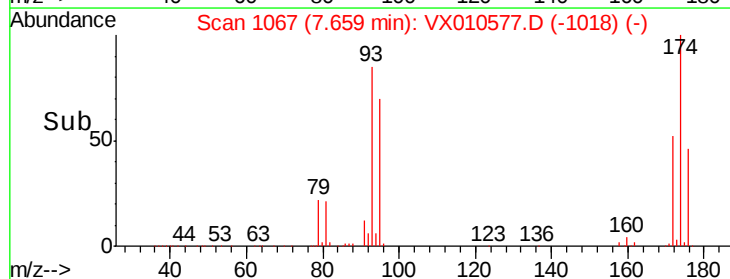
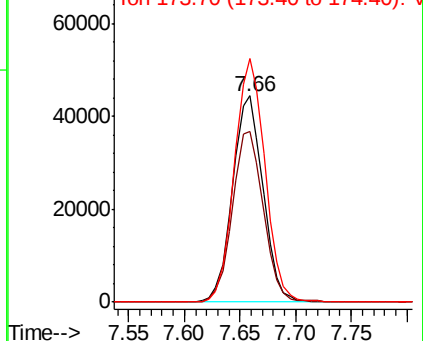
174 118.2 95.8 143.6

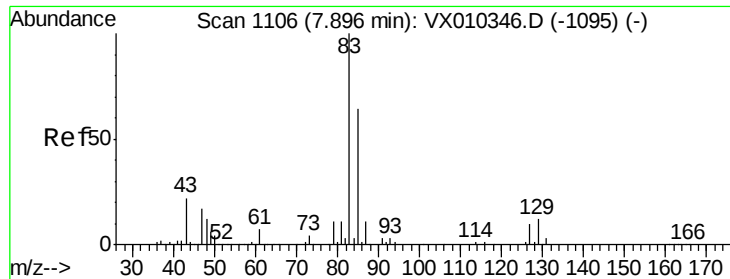


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.351 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

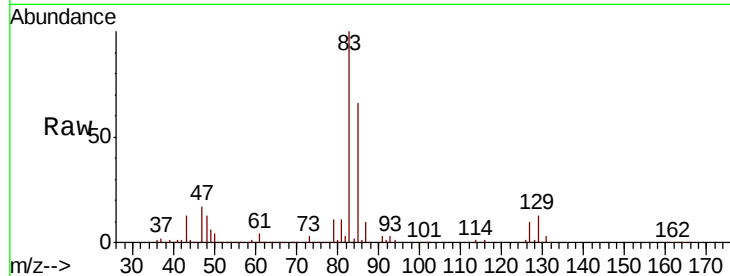
Tot Ion: 83 Resp: 159777

Ion Ratio Lower Upper

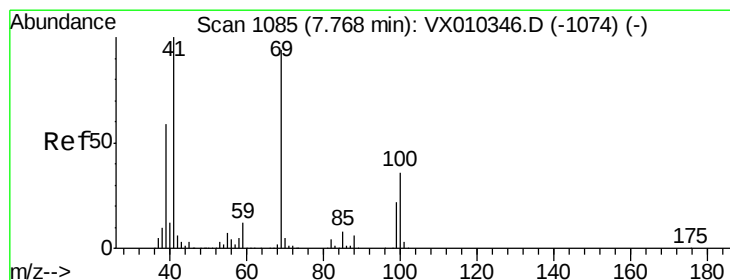
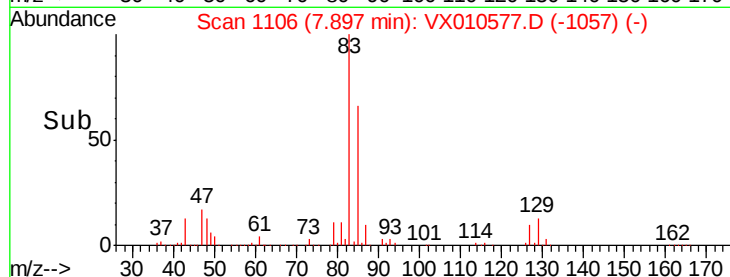
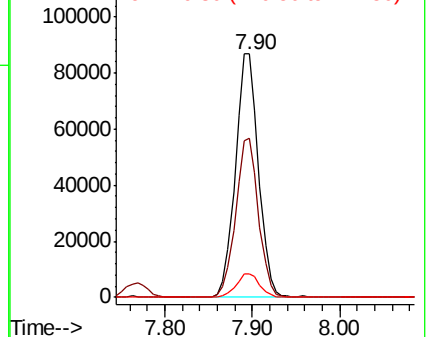
83 100

85 65.5 51.5 77.3

127 9.6 7.8 11.8



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



#48

Methyl methacrylate

Concen: 50.815 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

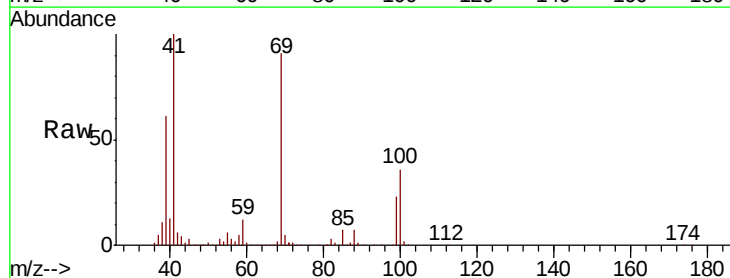
Tgt Ion: 41 Resp: 120920

Ion Ratio Lower Upper

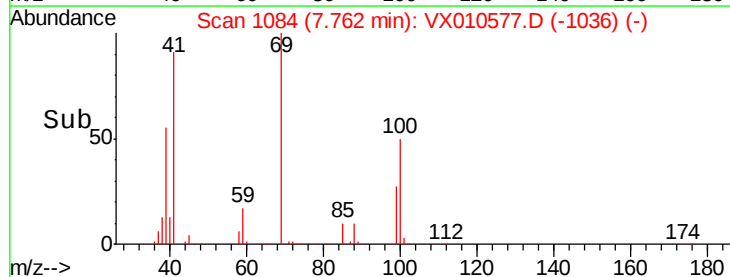
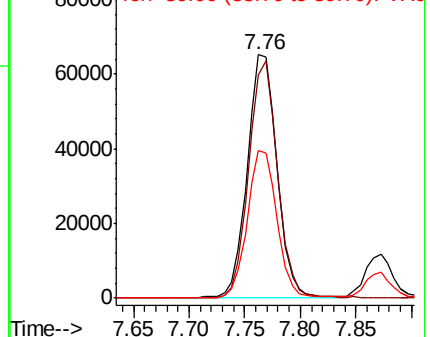
41 100

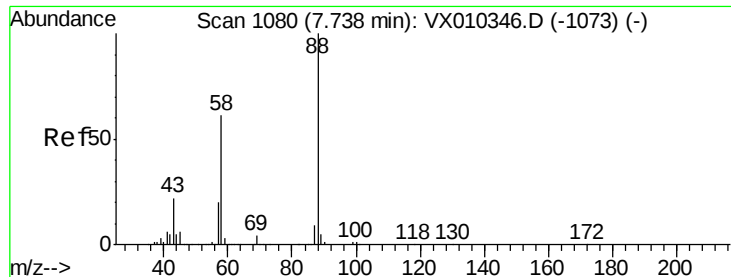
69 94.6 76.1 114.1

39 60.8 47.6 71.4



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



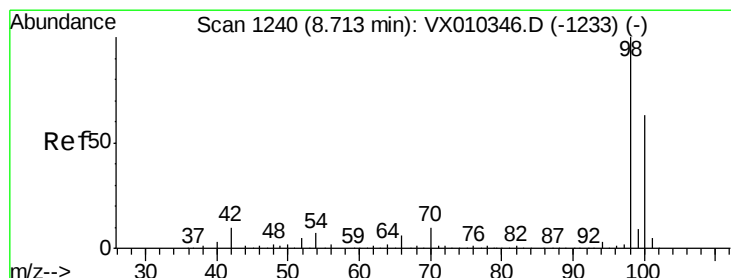
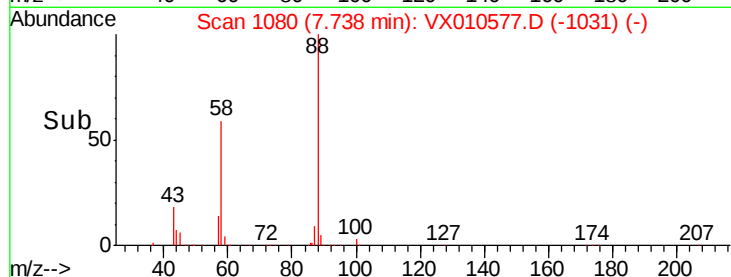
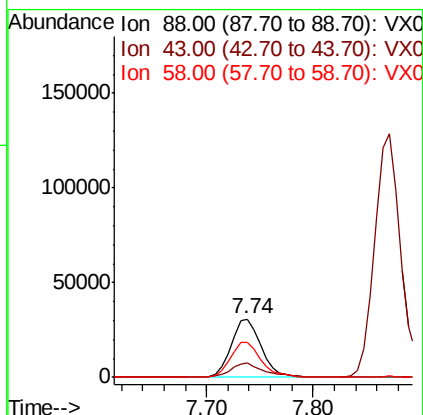
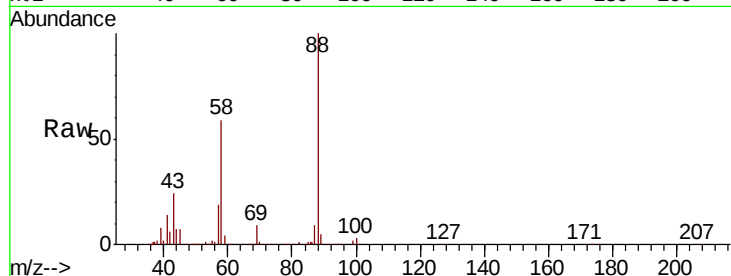


#49
 1,4-Dioxane
 Concen: 885.468 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 60699

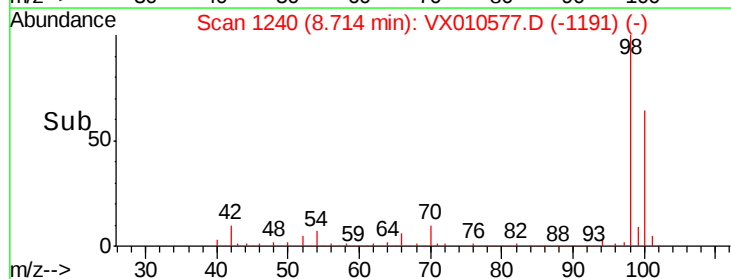
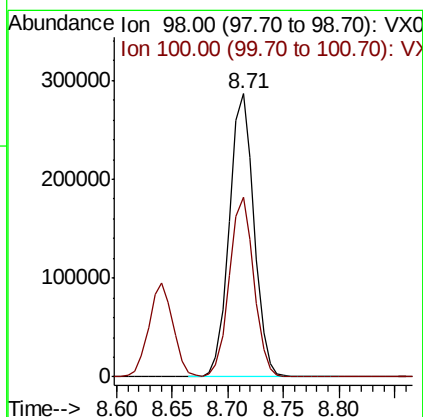
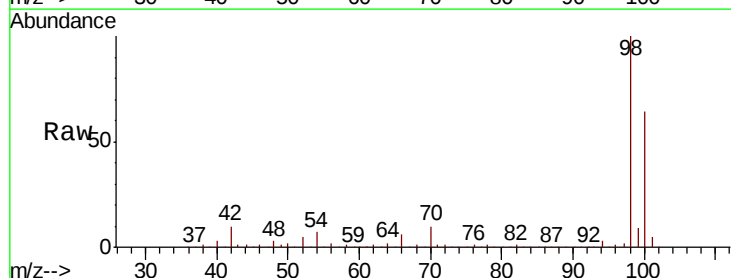
Ion	Ratio	Lower	Upper
88	100		
43	27.5	20.2	30.2
58	62.3	49.5	74.3

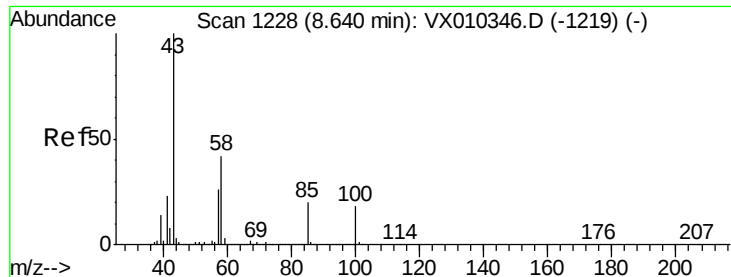


#50
 Toluene-d8
 Concen: 49.564 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion: 98 Resp: 439132

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 250.610 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

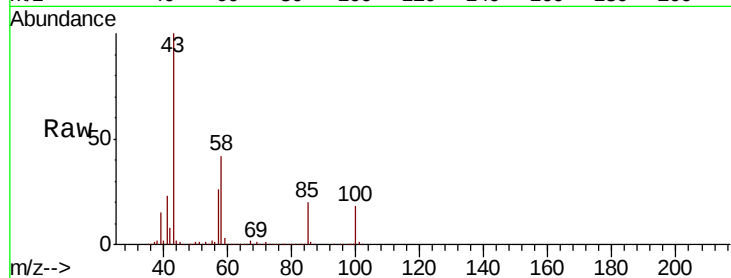
VSTDCCC050

Tot Ion: 43 Resp: 820550

Ion Ratio Lower Upper

43 100

58 41.4 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

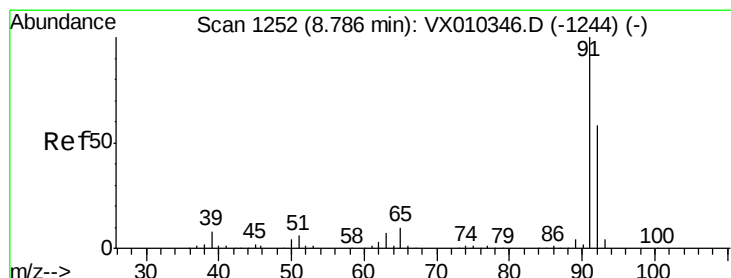
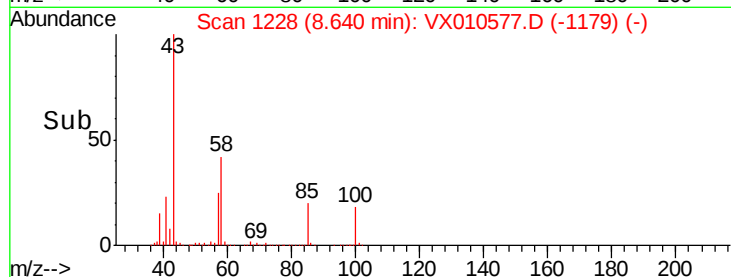
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.924 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010577.D

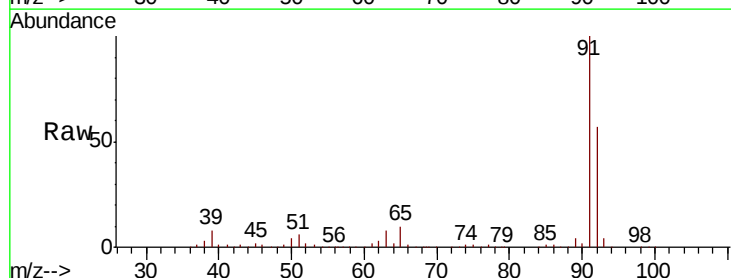
Acq: 01 Jul 2019 09:36

Tgt Ion: 92 Resp: 301910

Ion Ratio Lower Upper

92 100

91 174.4 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

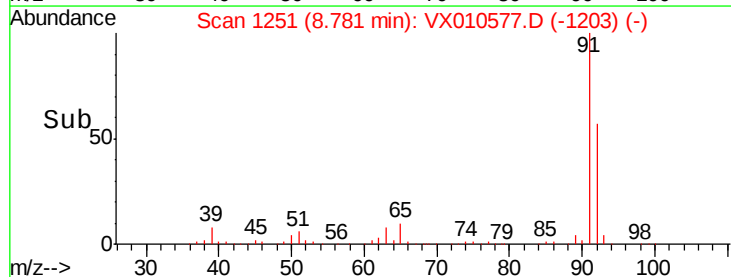
300000

200000

100000

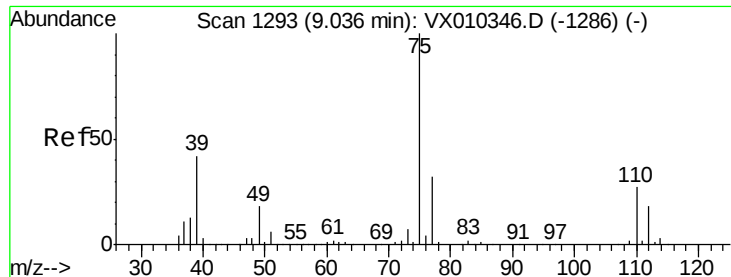
0

Time-->



8.78

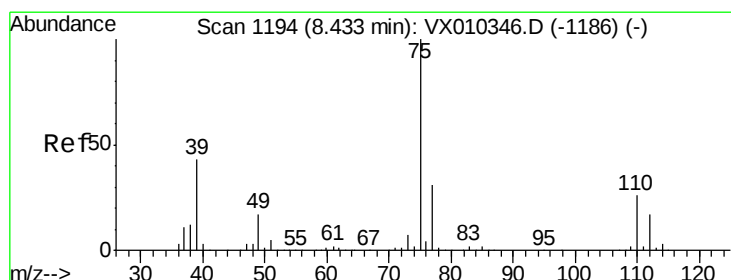
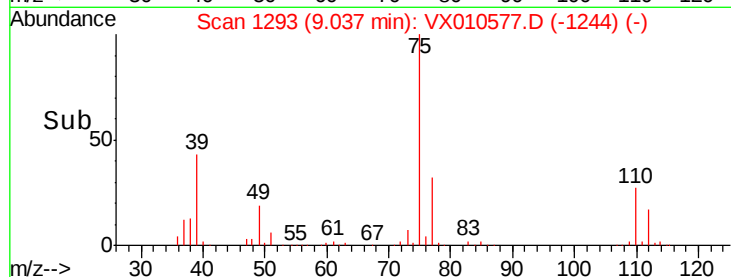
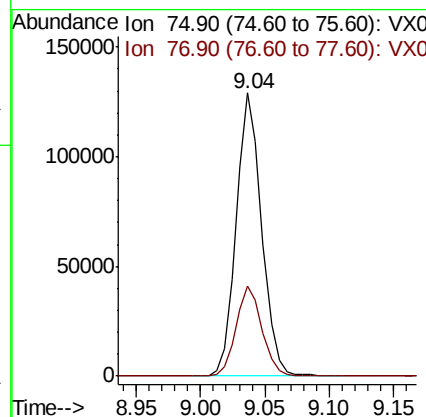
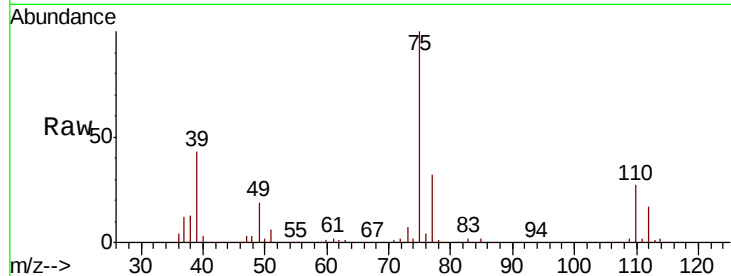
8.70 8.80 8.90



#53
t-1,3-Dichloropropene
Concen: 50.986 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

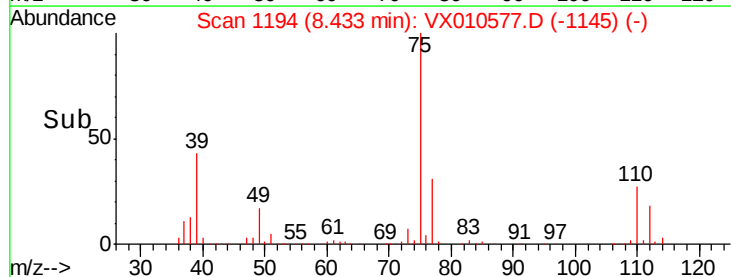
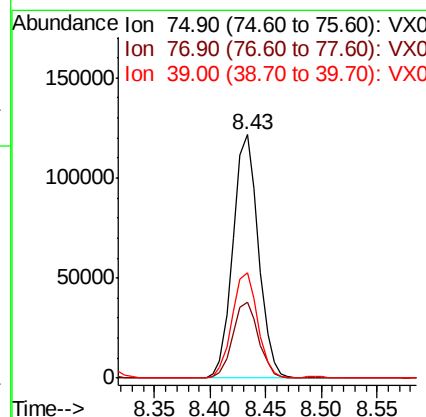
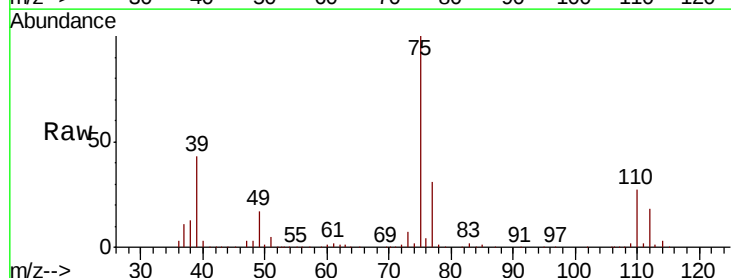
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

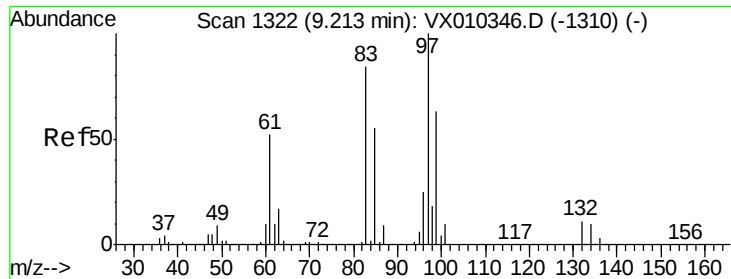
Tot Ion: 75 Resp: 177860
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.028 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 75 Resp: 193441
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 42.8 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 50.368 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 128189

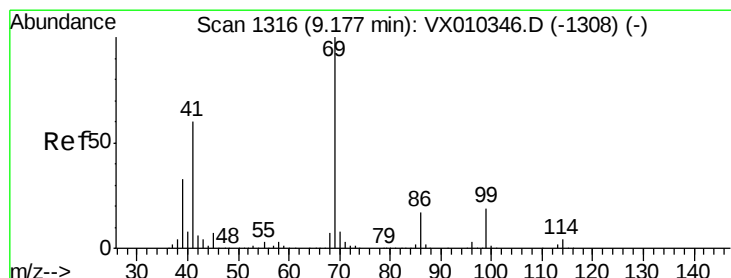
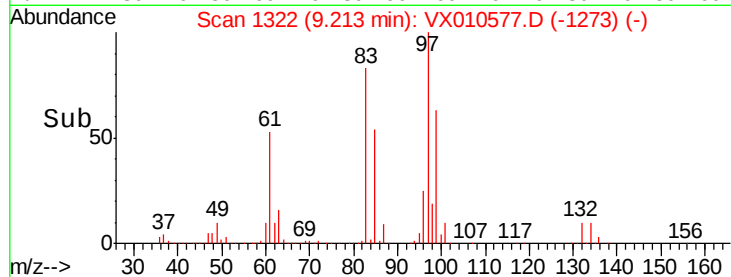
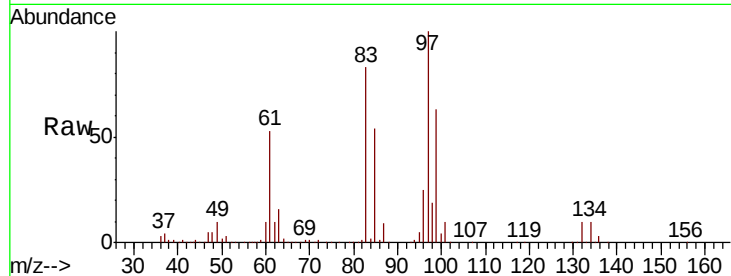
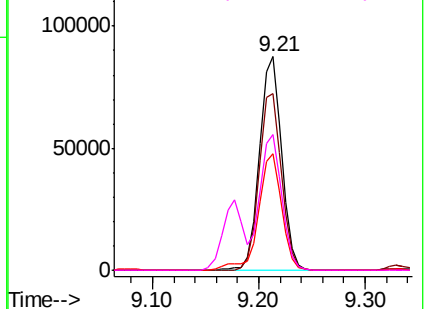
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.4	101.0
85	54.3	43.8	65.8
99	63.5	50.3	75.5

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.594 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

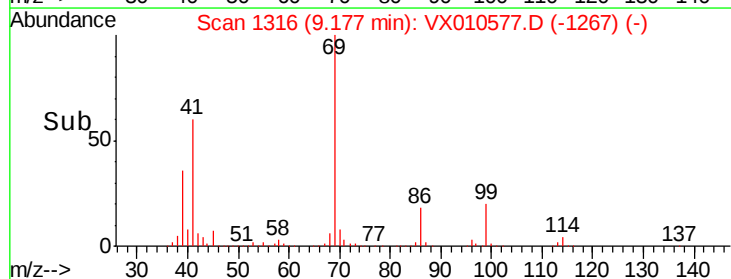
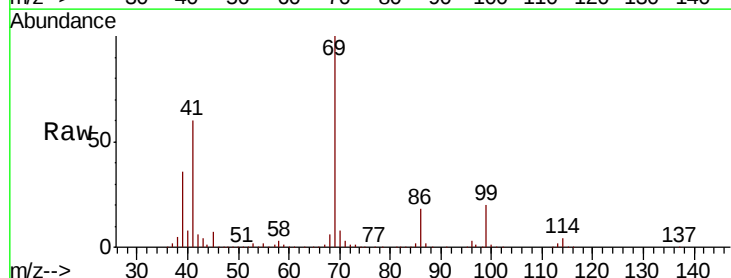
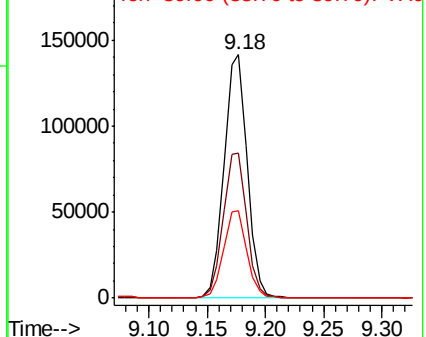
Tgt Ion: 69 Resp: 195061

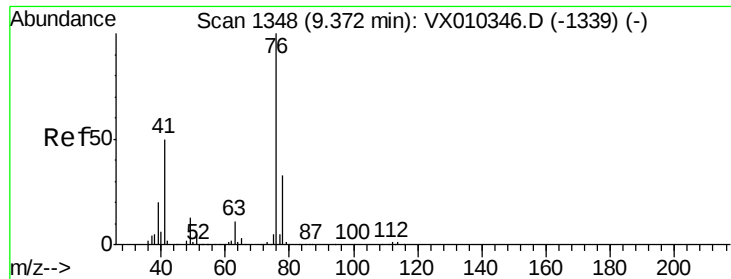
Ion	Ratio	Lower	Upper
69	100		
41	60.3	47.1	70.7
39	35.9	26.6	40.0

Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.676 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

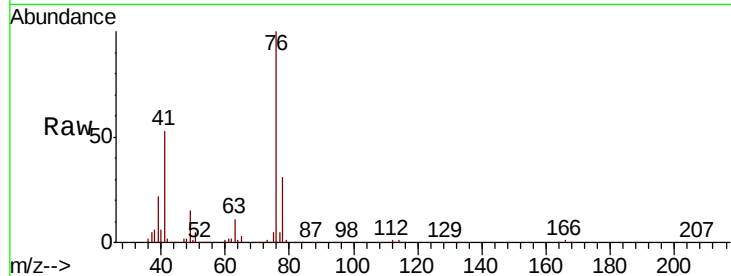
VSTDCCC050

Tot Ion: 76 Resp: 196252

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

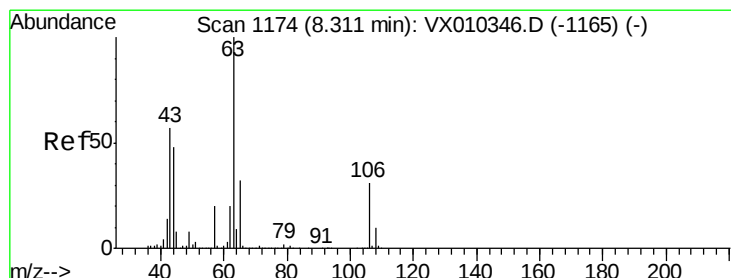
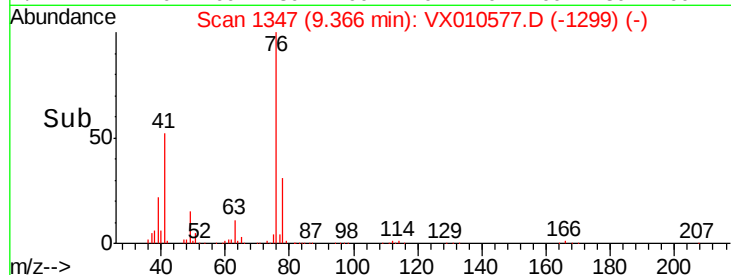
100000

50000

0

Time-->

9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 257.520 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010577.D

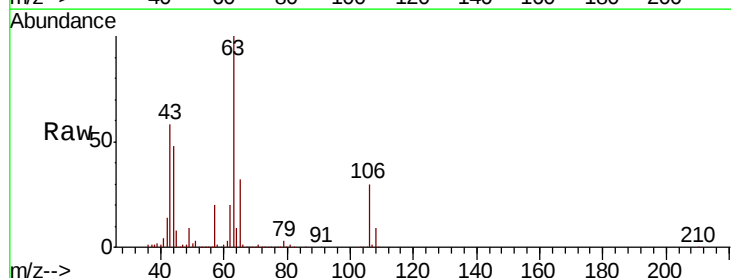
Acq: 01 Jul 2019 09:36

Tgt Ion: 63 Resp: 471526

Ion Ratio Lower Upper

63 100

106 30.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

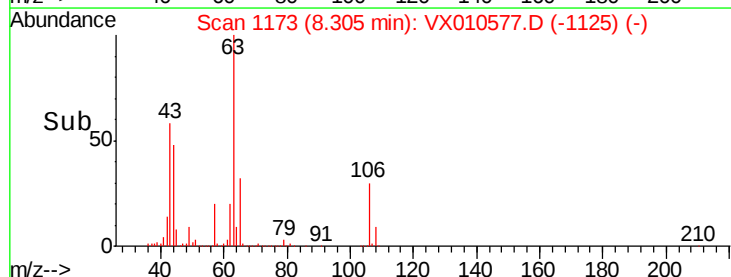
200000

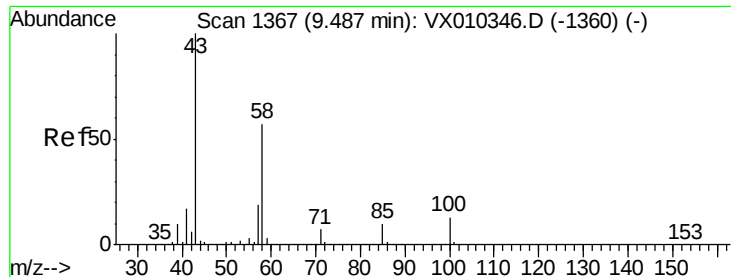
100000

0

Time-->

8.20 8.30 8.40

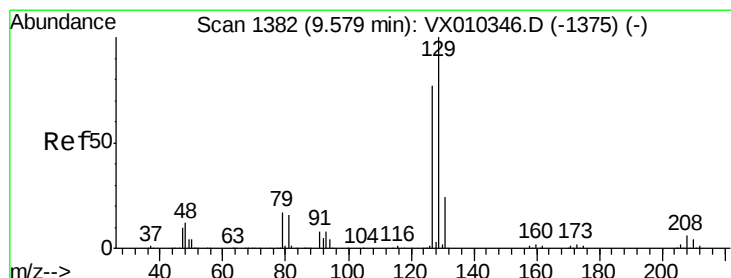
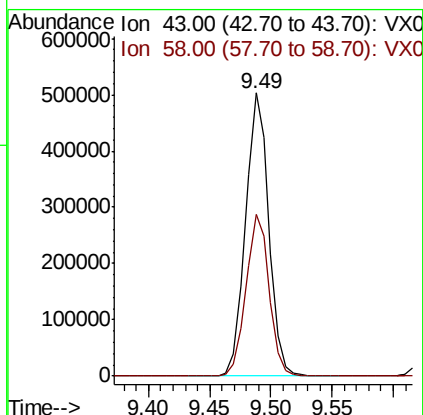
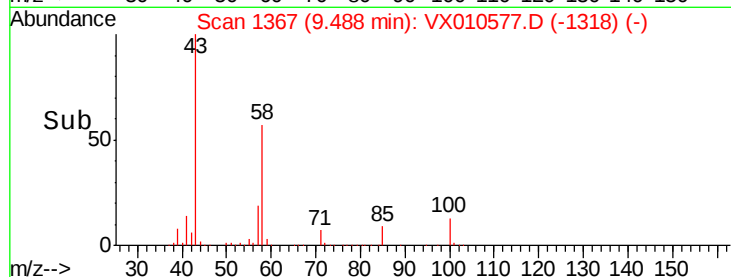
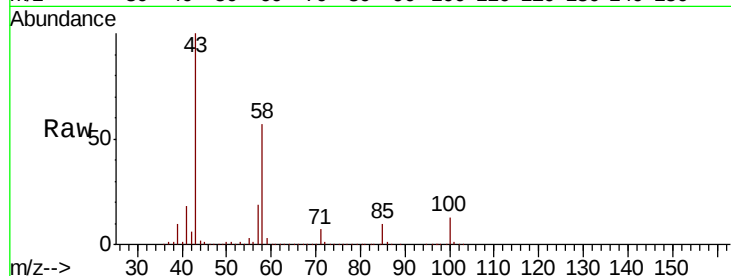




#59
2-Hexanone
Concen: 256.822 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

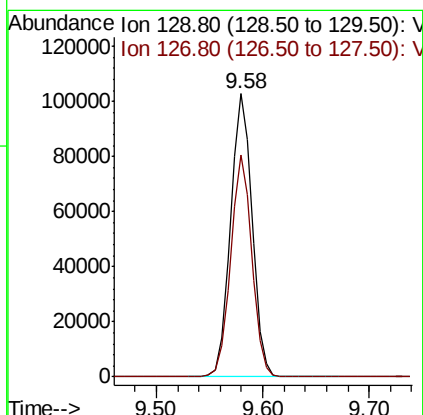
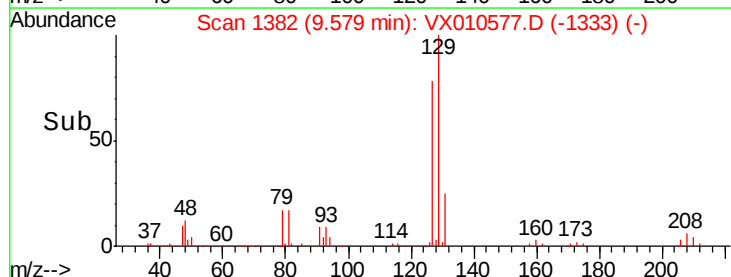
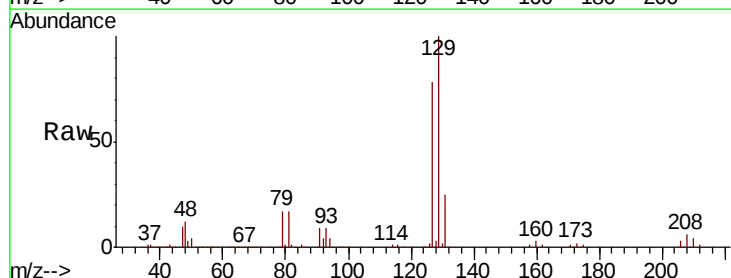
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

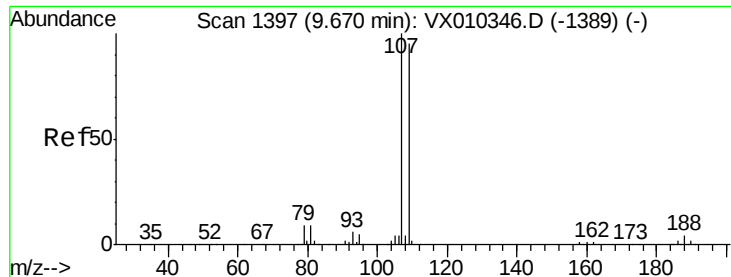
Tot Ion: 43 Resp: 661811
Ion Ratio Lower Upper
43 100
58 57.3 29.0 87.1



#60
Dibromochloromethane
Concen: 51.386 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 129 Resp: 146429
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.168 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

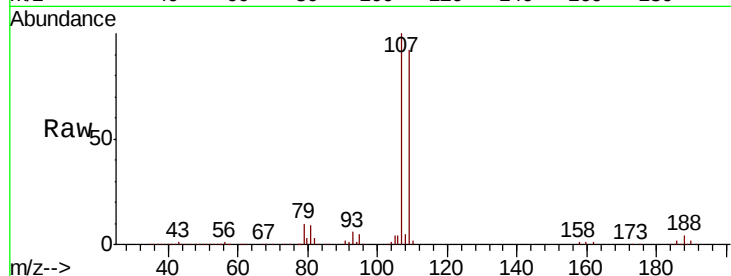
VSTDCCC050

Tot Ion:107 Resp: 137814

Ion Ratio Lower Upper

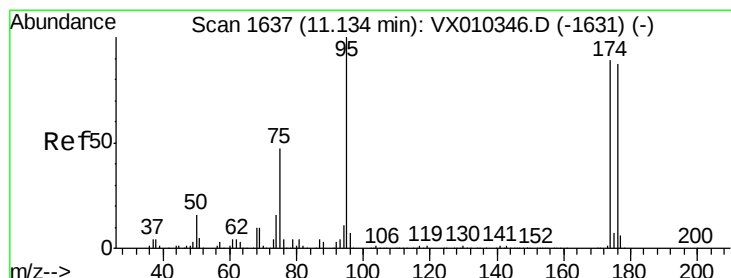
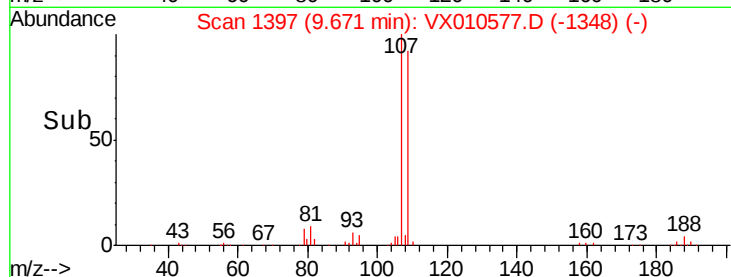
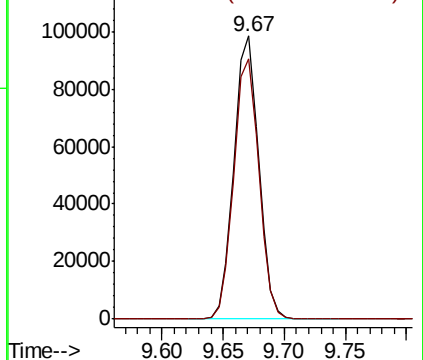
107 100

109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.876 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

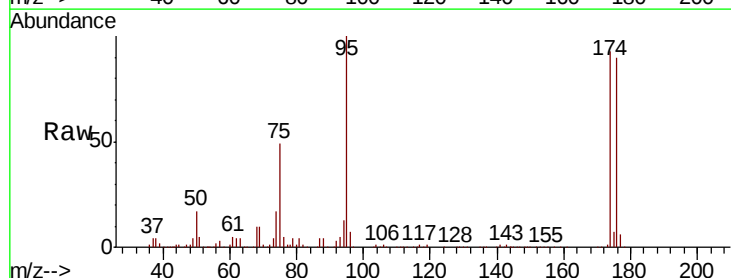
Tgt Ion: 95 Resp: 159537

Ion Ratio Lower Upper

95 100

174 94.0 0.0 187.6

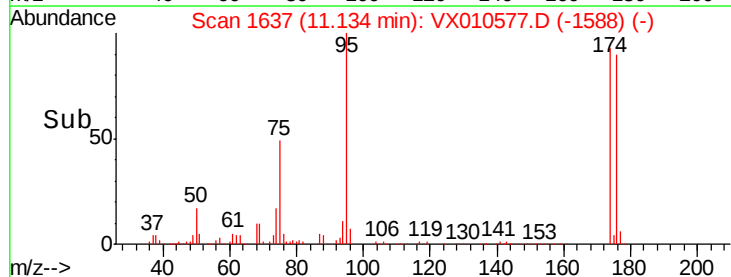
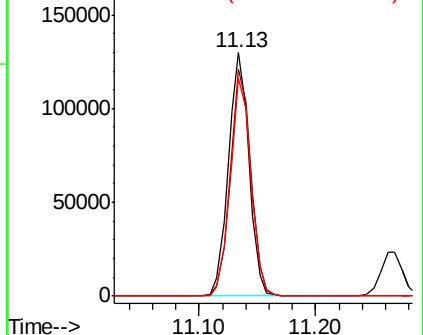
176 89.9 0.0 184.0

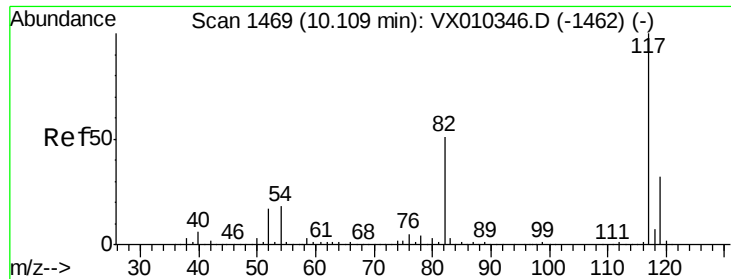


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

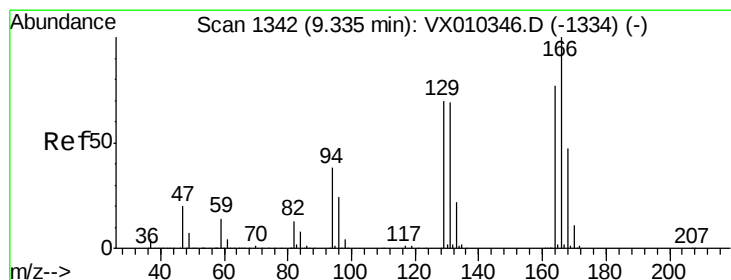
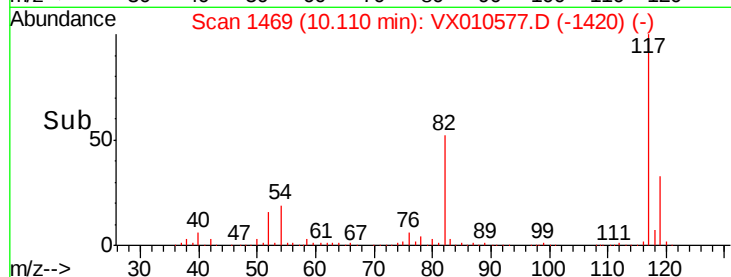
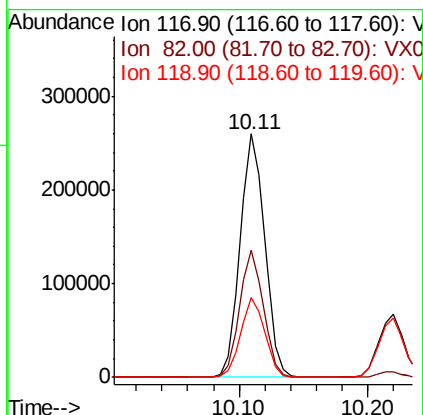
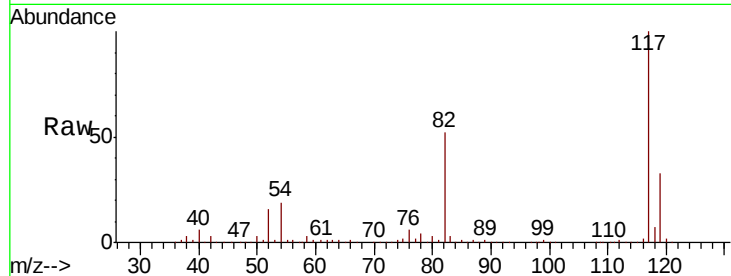




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

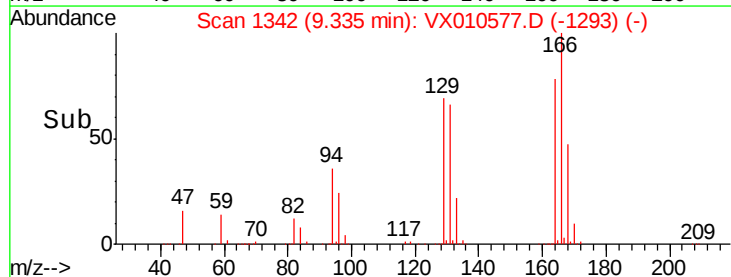
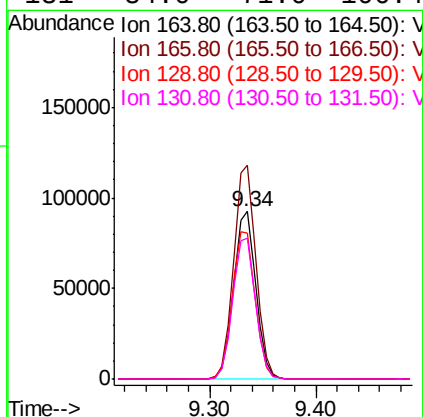
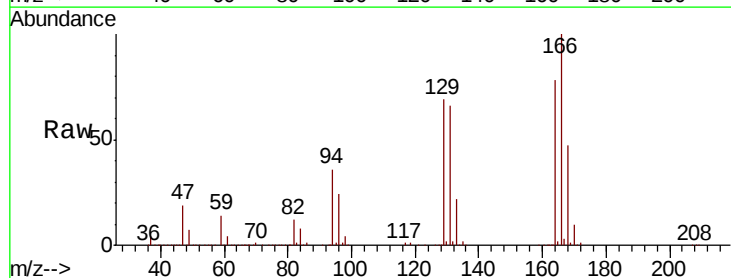
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

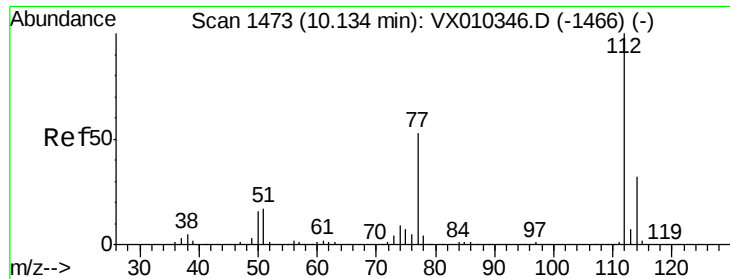
Tot Ion:117 Resp: 343389
Ion Ratio Lower Upper
117 100
82 52.0 41.2 61.8
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 48.895 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion:164 Resp: 135802
Ion Ratio Lower Upper
164 100
166 127.7 103.6 155.4
129 87.6 73.0 109.4
131 84.0 71.0 106.4

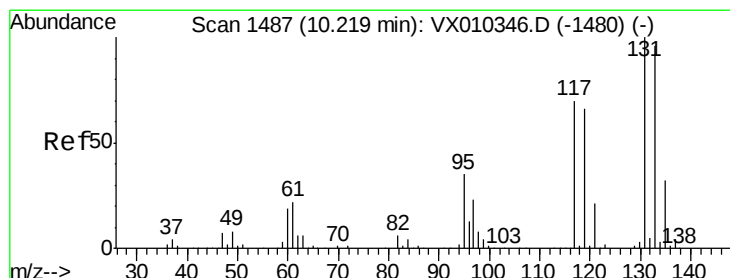
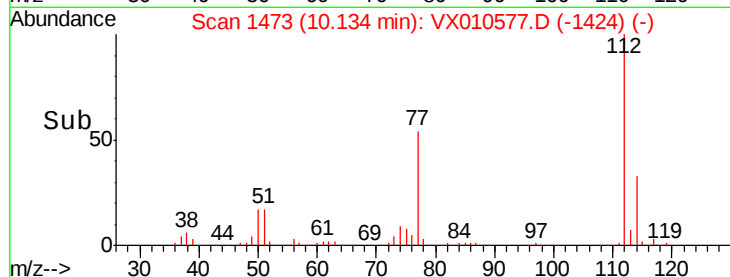
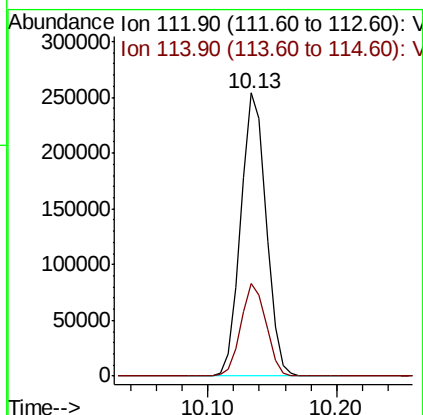
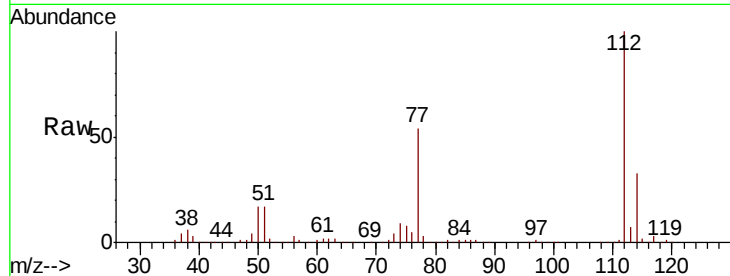




#65
Chlorobenzene
Concen: 49.622 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

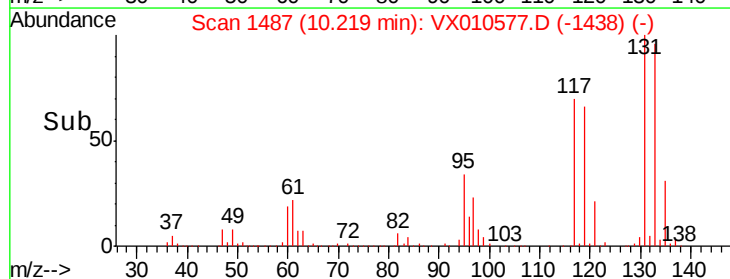
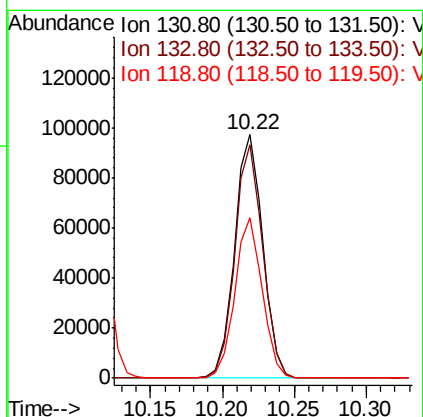
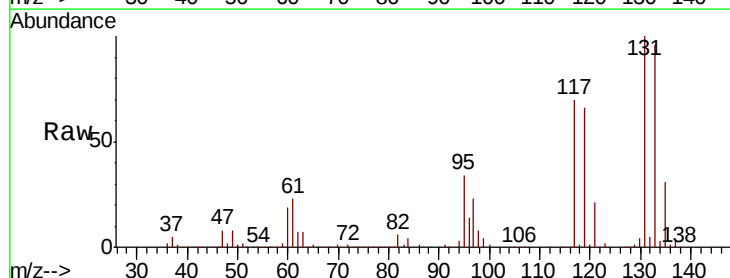
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

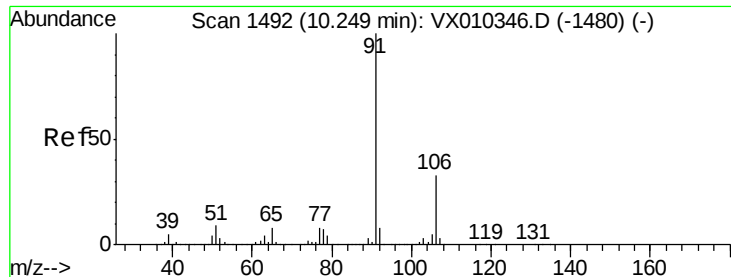
Tot Ion:112 Resp: 345934
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.183 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion:131 Resp: 132511
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 64.4 32.6 97.7

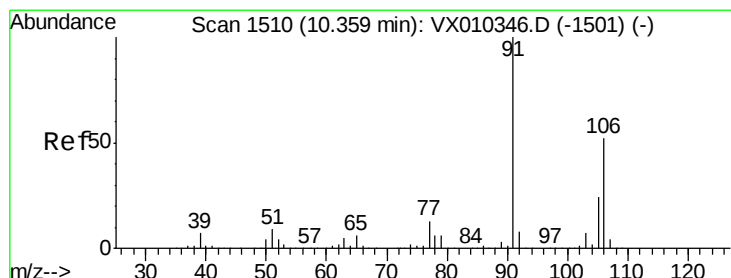
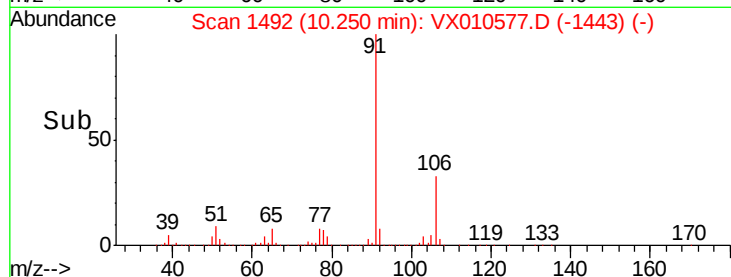
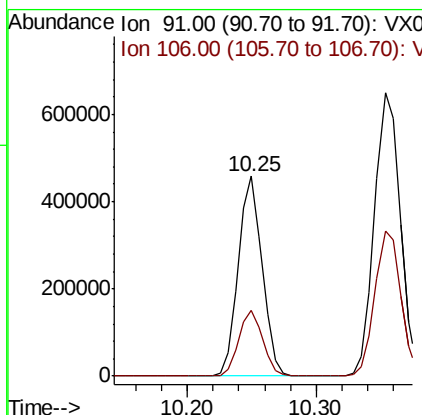
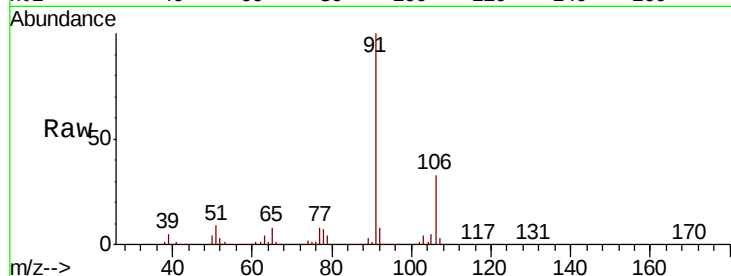




#67
Ethyl Benzene
Concen: 50.156 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

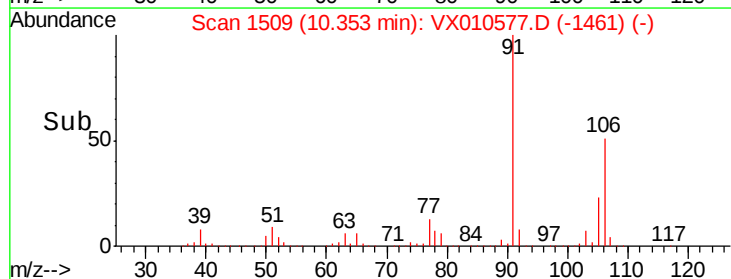
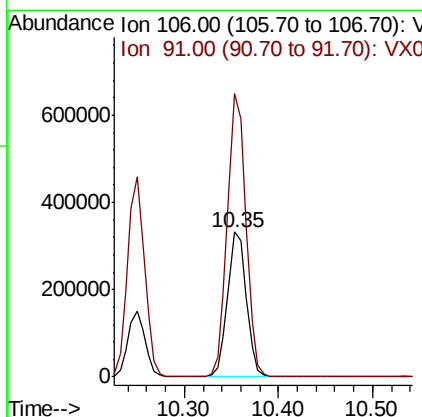
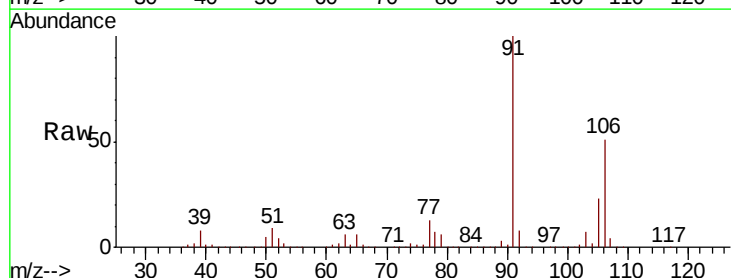
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

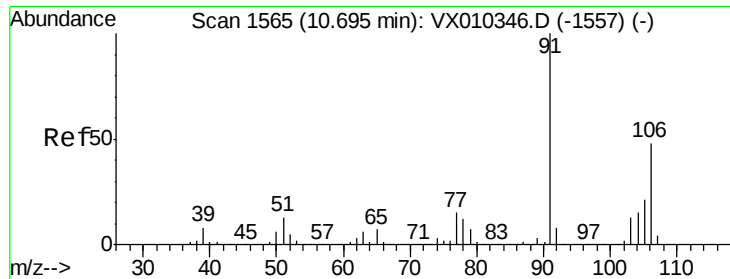
Tot Ion: 91 Resp: 590299
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2



#68
m/p-Xylenes
Concen: 101.110 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 106 Resp: 461096
Ion Ratio Lower Upper
106 100
91 193.9 155.3 232.9

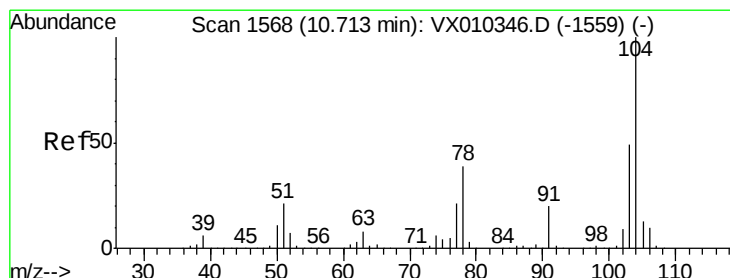
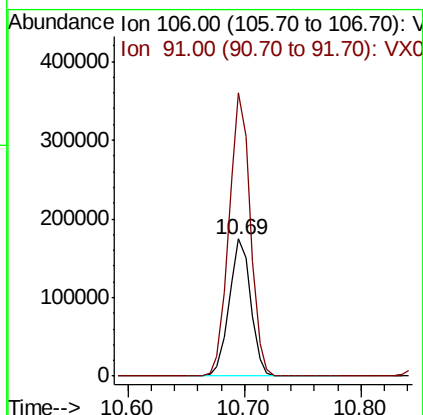
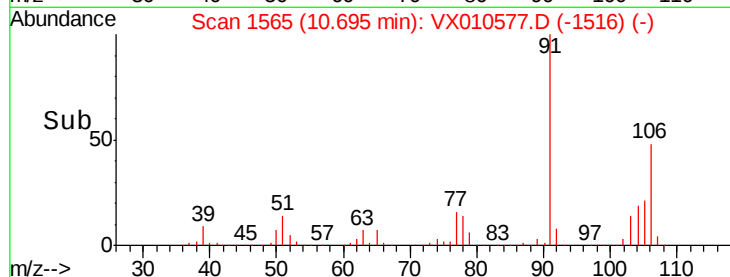
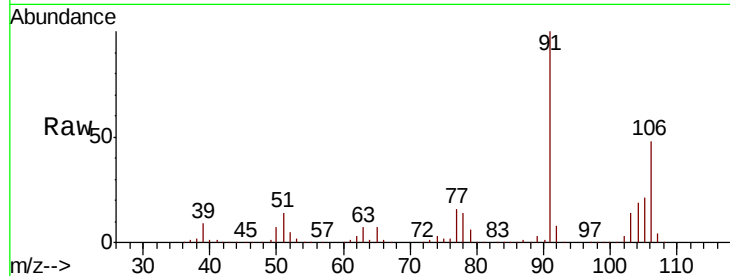




#69
o-Xylene
Concen: 49.946 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

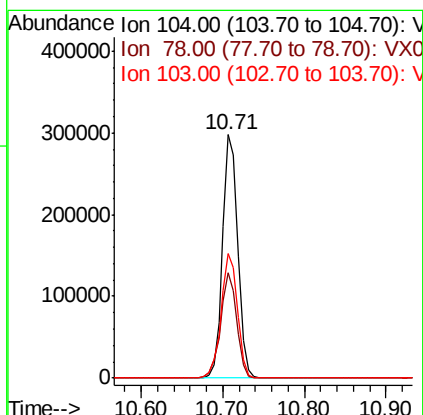
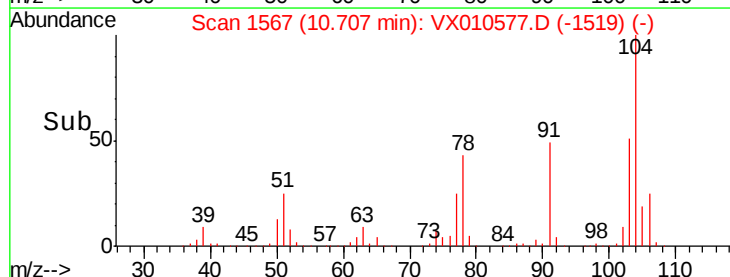
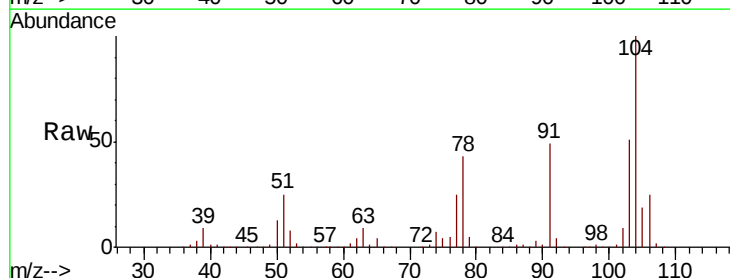
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

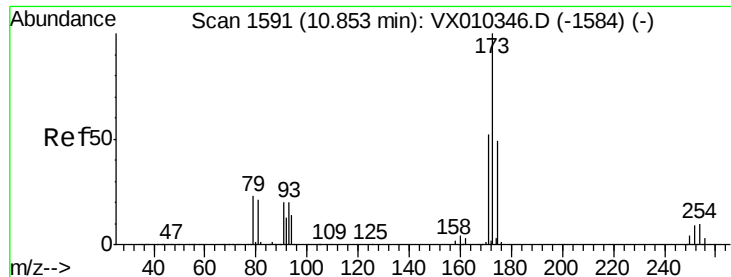
Tot Ion:106 Resp: 223992
Ion Ratio Lower Upper
106 100
91 204.8 102.7 308.1



#70
Styrene
Concen: 51.424 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion:104 Resp: 386757
Ion Ratio Lower Upper
104 100
78 46.0 36.2 54.2
103 54.9 44.2 66.4





#71

Bromoform

Concen: 51.412 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

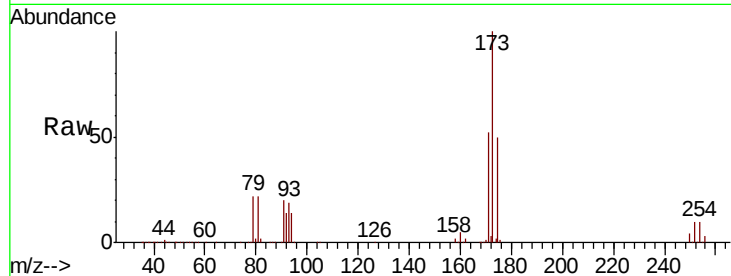
Tot Ion:173 Resp: 113533

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.3

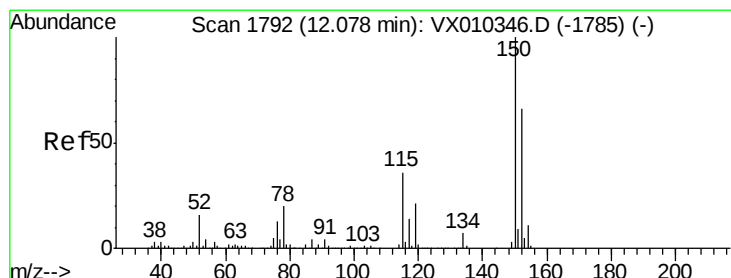
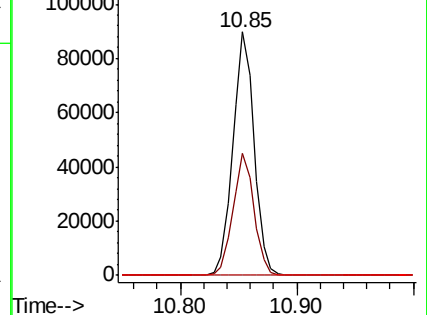
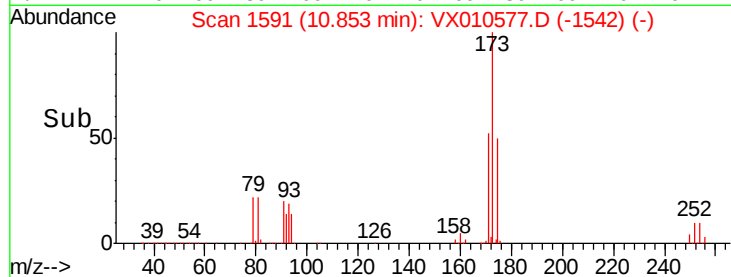
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

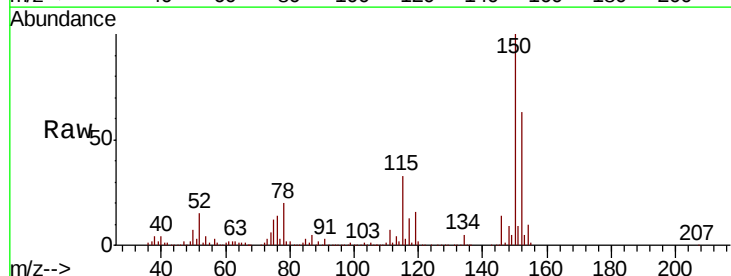
Tgt Ion:152 Resp: 178215

Ion Ratio Lower Upper

152 100

115 77.8 38.6 115.7

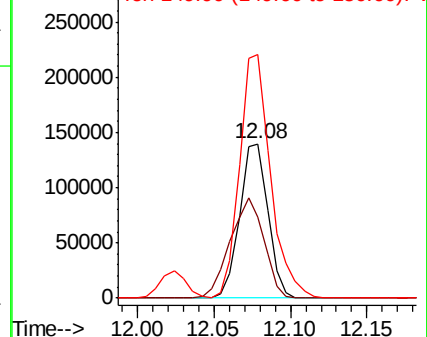
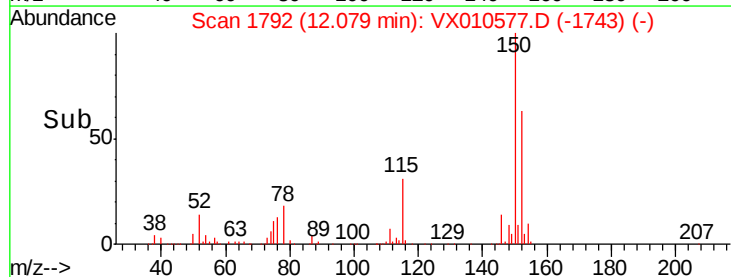
150 173.1 0.0 347.4

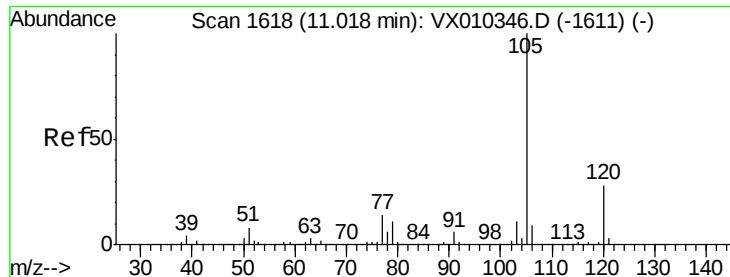


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.793 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

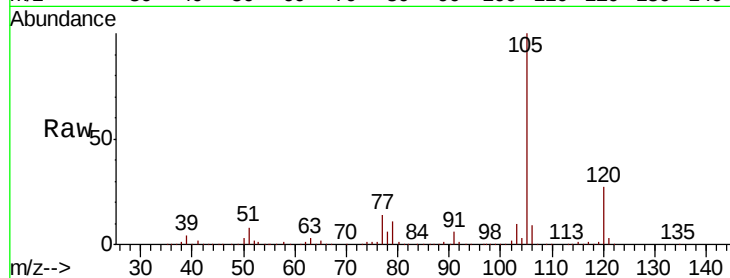
VSTDCCC050

Tot Ion:105 Resp: 601533

Ion Ratio Lower Upper

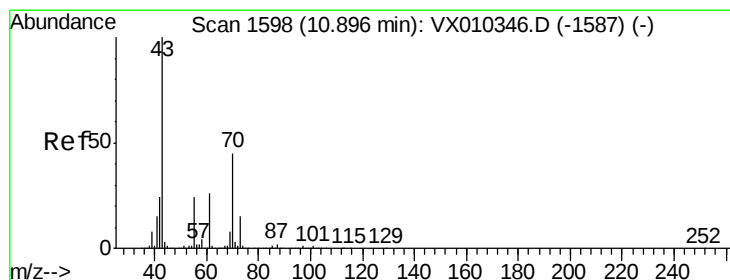
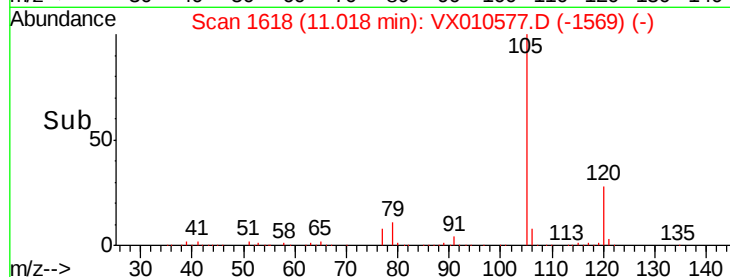
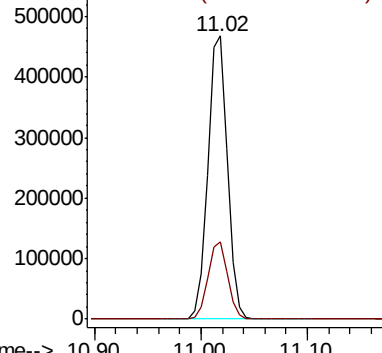
105 100

120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.665 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Tgt Ion: 43 Resp: 231316

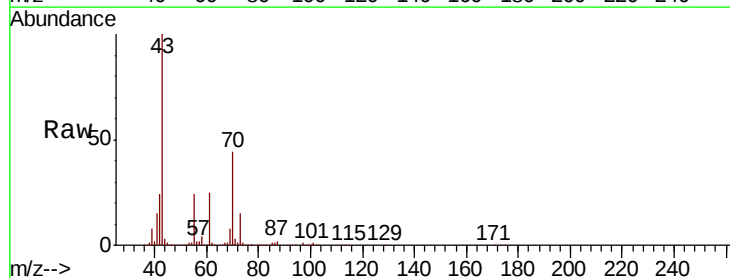
Ion Ratio Lower Upper

43 100

70 44.6 36.6 54.8

55 24.2 18.7 28.1

61 25.5 20.6 31.0

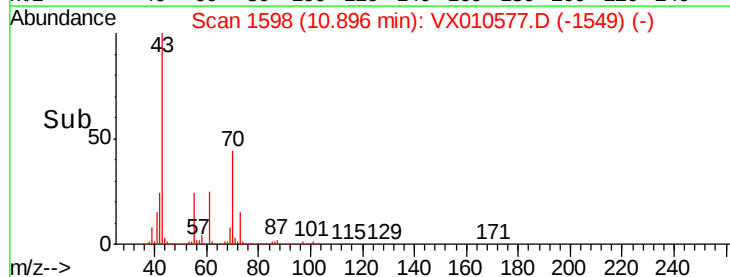
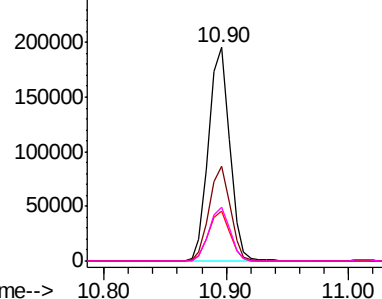


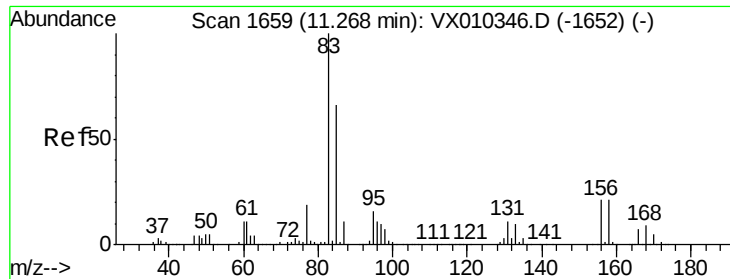
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.055 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

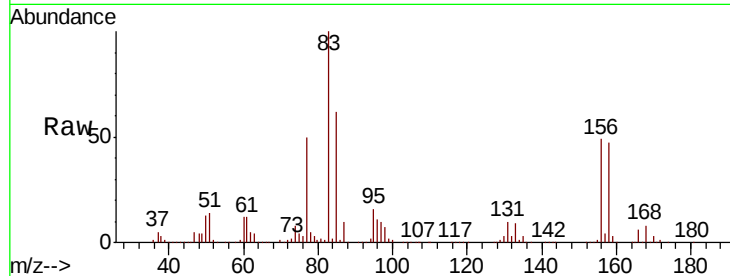
Tot Ion: 83 Resp: 192258

Ion Ratio Lower Upper

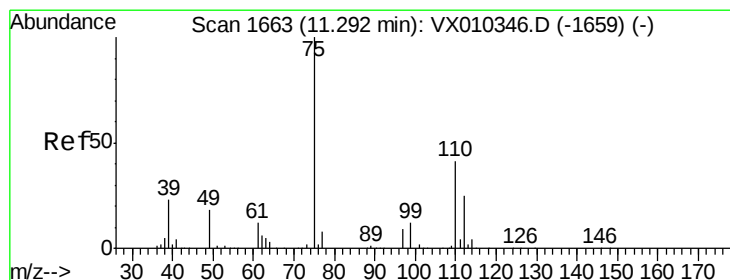
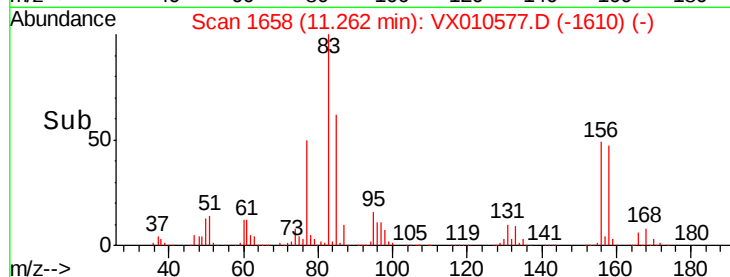
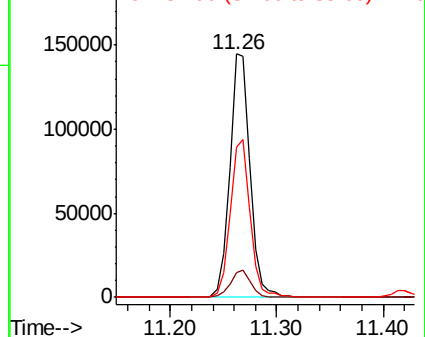
83 100

131 11.1 5.5 16.4

85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.332 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010577.D

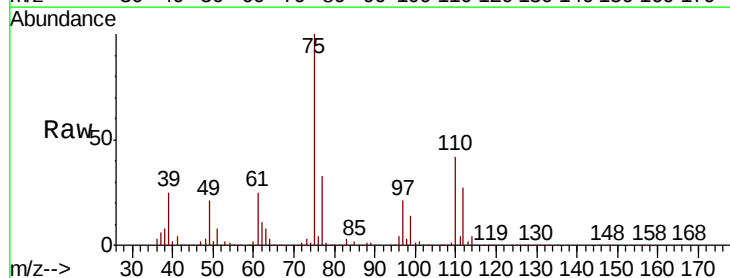
Acq: 01 Jul 2019 09:36

Tgt Ion: 75 Resp: 221911

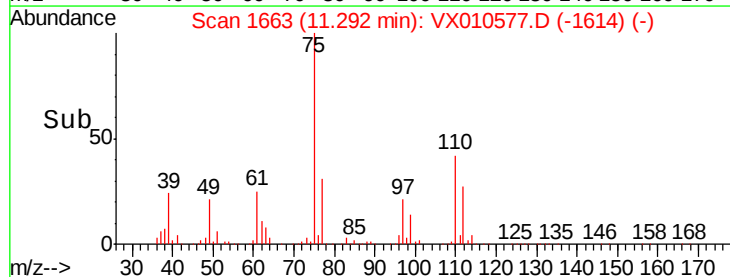
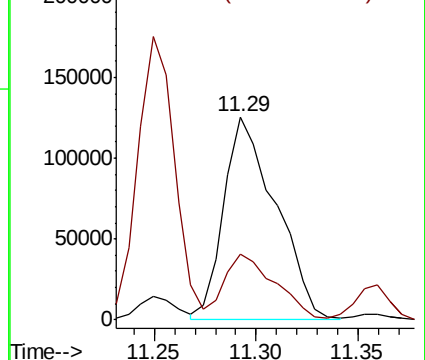
Ion Ratio Lower Upper

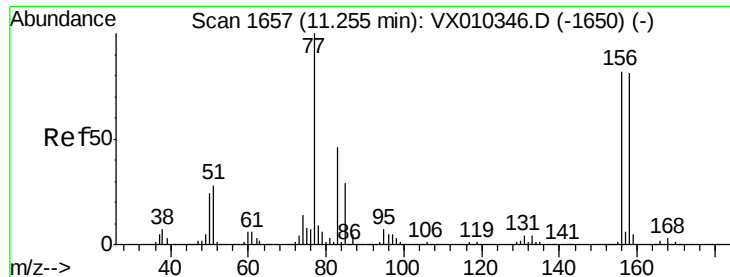
75 100

77 31.6 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.432 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

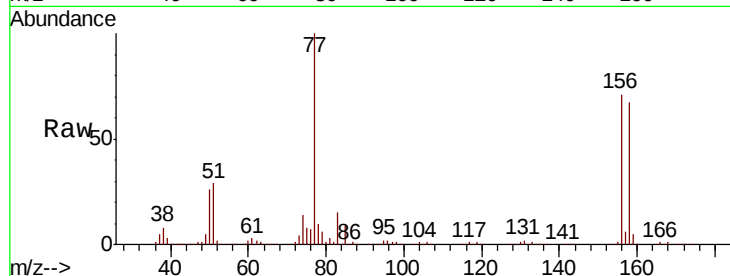
Tot Ion:156 Resp: 163375

Ion Ratio Lower Upper

156 100

77 134.9 66.3 198.7

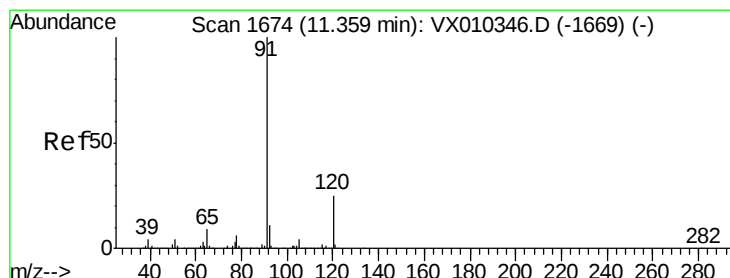
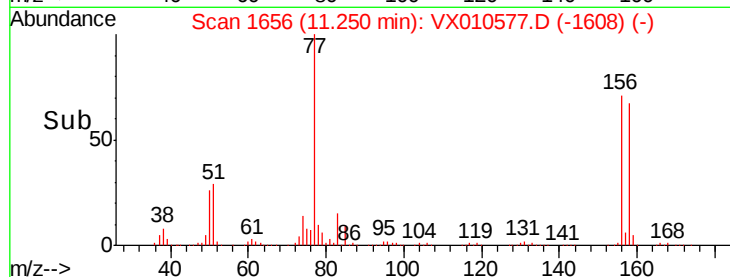
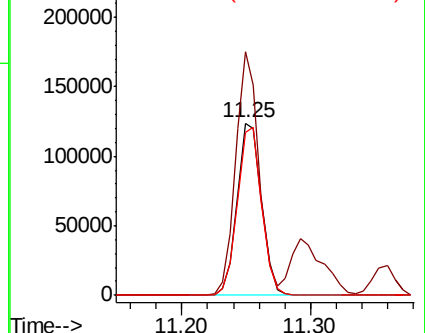
158 96.8 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.053 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010577.D

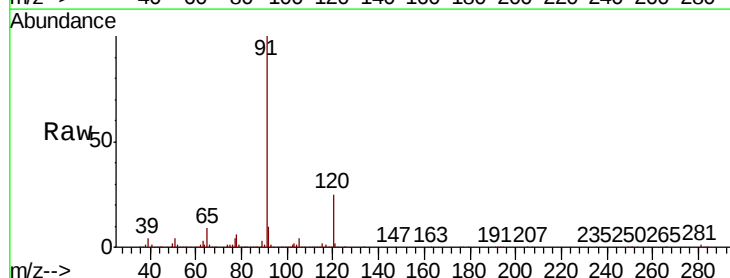
Acq: 01 Jul 2019 09:36

Tgt Ion: 91 Resp: 677842

Ion Ratio Lower Upper

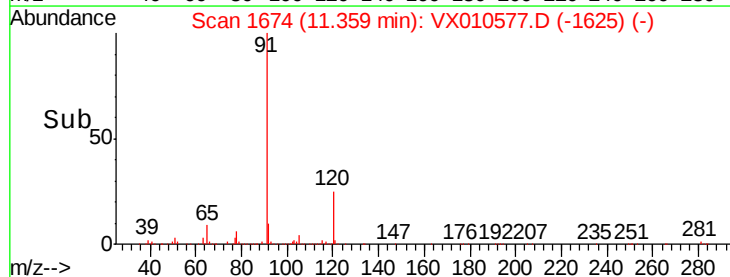
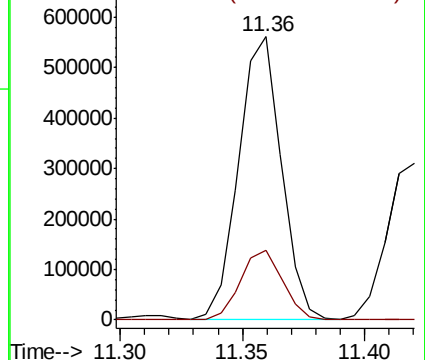
91 100

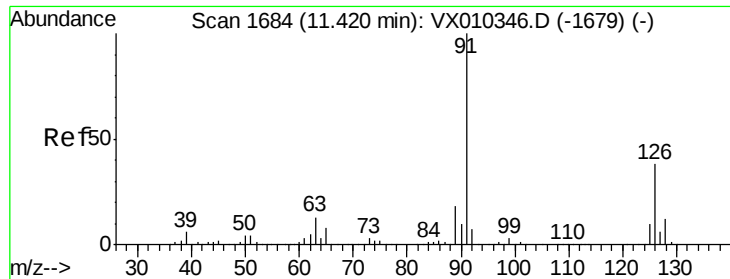
120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.310 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

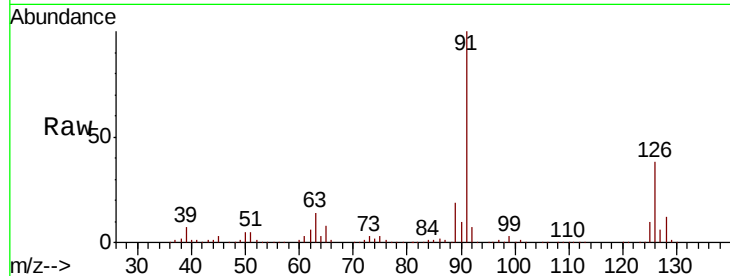
VSTDCCC050

Tot Ion: 91 Resp: 389859

Ion Ratio Lower Upper

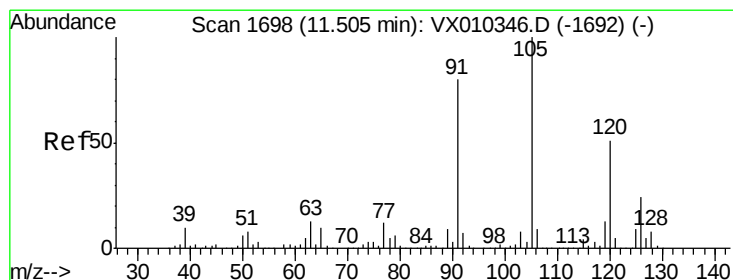
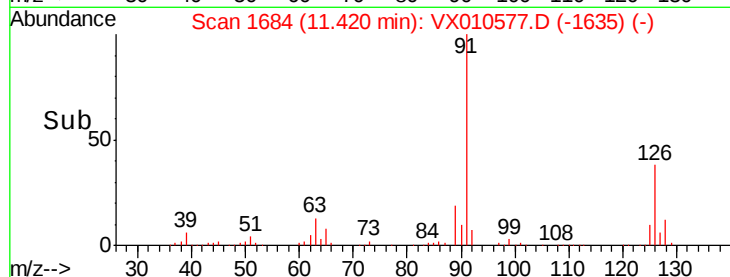
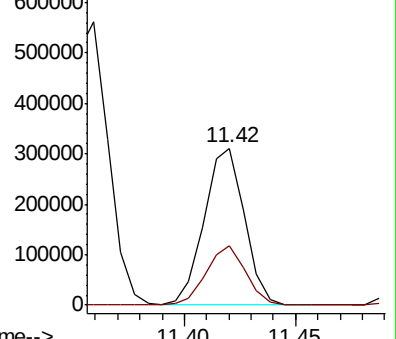
91 100

126 37.0 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.267 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010577.D

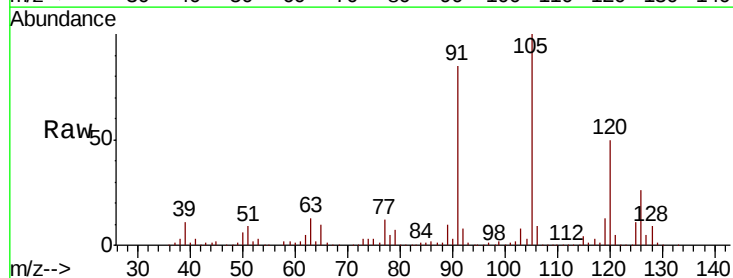
Acq: 01 Jul 2019 09:36

Tgt Ion:105 Resp: 500613

Ion Ratio Lower Upper

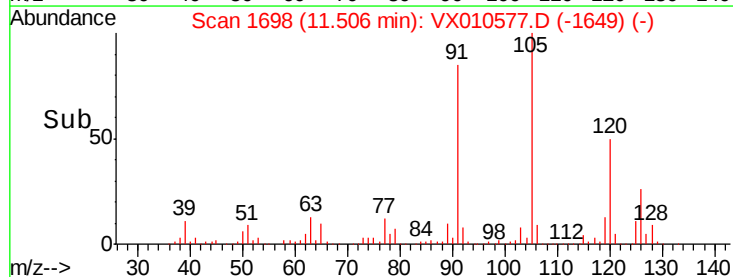
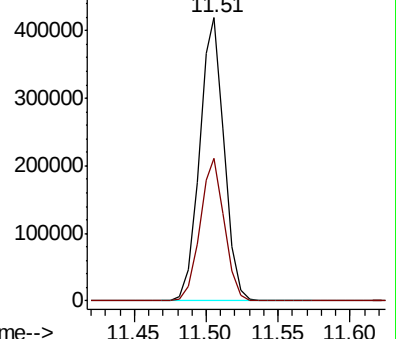
105 100

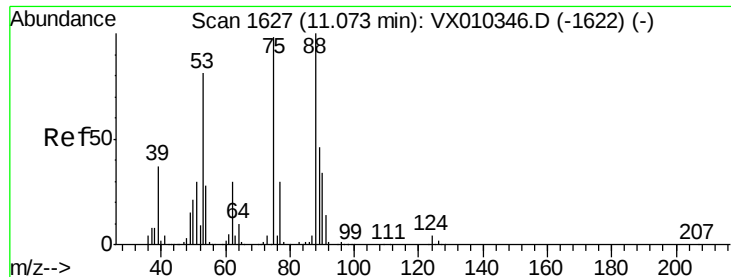
120 49.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.741 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

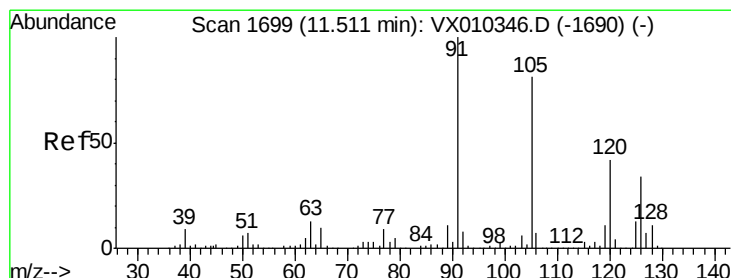
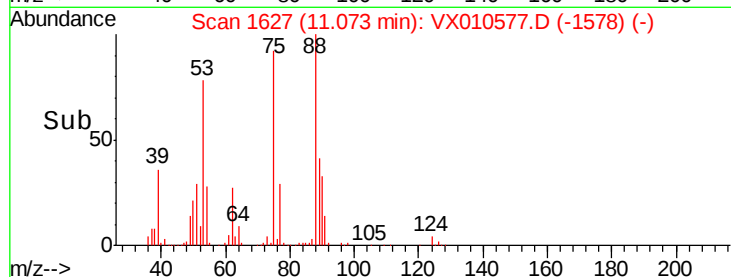
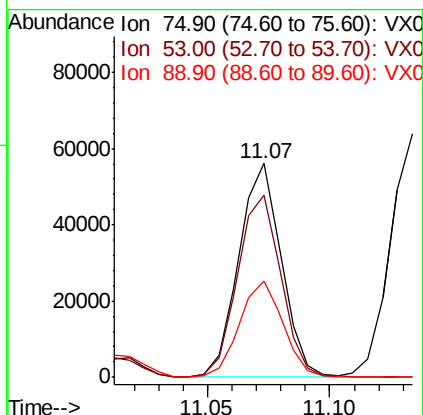
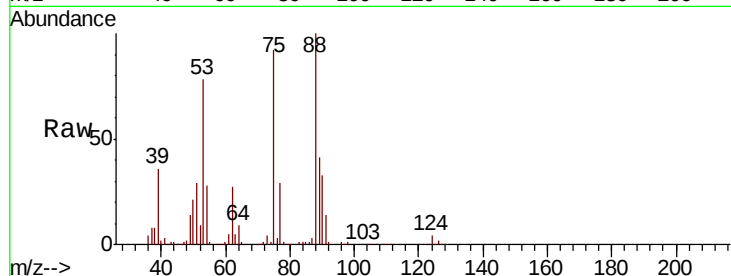
Tot Ion: 75 Resp: 67851

Ion Ratio Lower Upper

75 100

53 86.8 66.1 99.1

89 46.2 37.8 56.6



#82

4-Chlorotoluene

Concen: 50.811 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010577.D

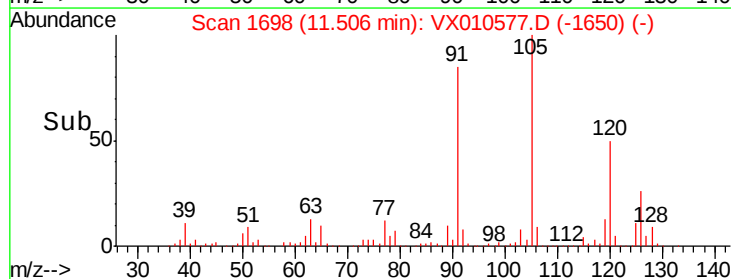
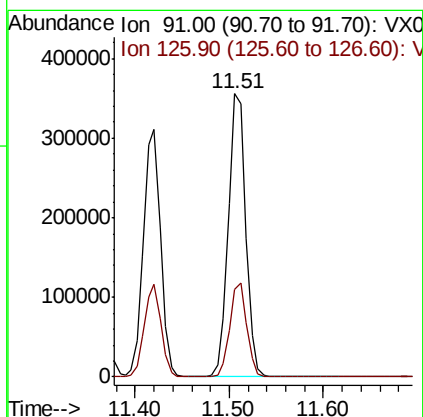
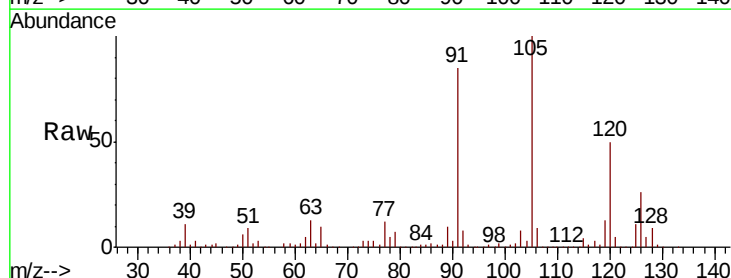
Acq: 01 Jul 2019 09:36

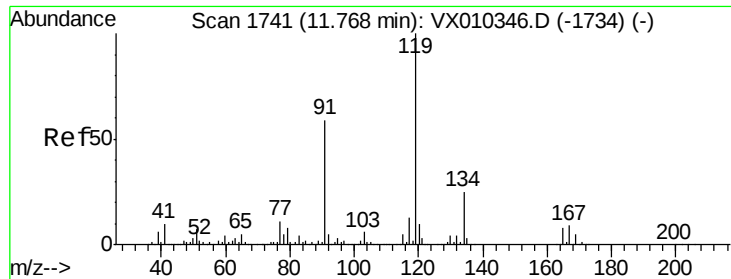
Tgt Ion: 91 Resp: 457125

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.6

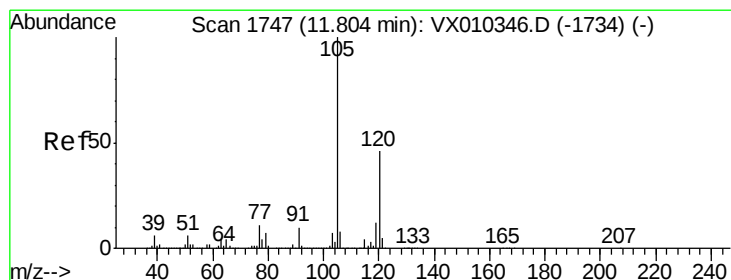
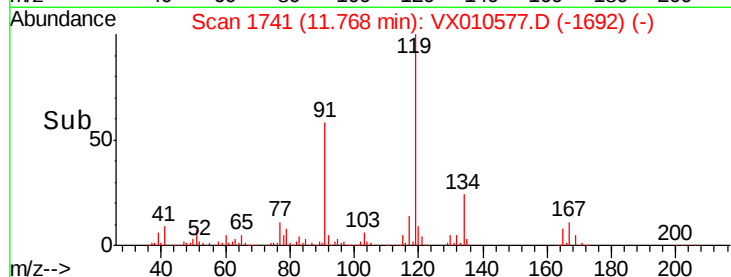
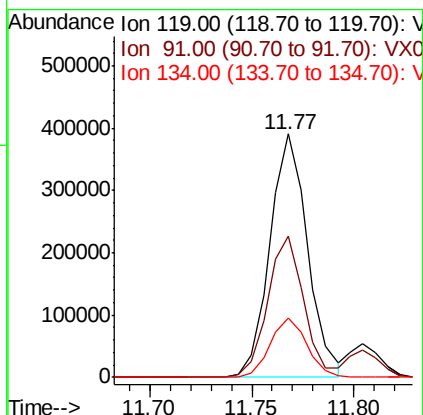
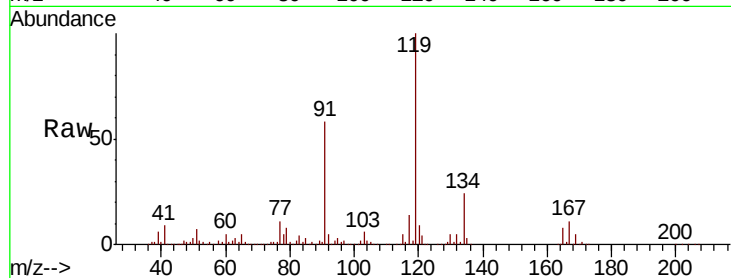




#83
 tert-Butylbenzene
 Concen: 50.375 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

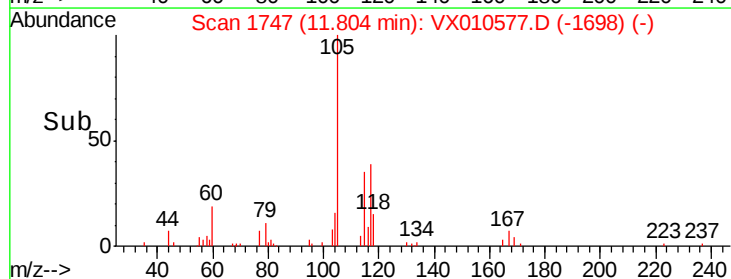
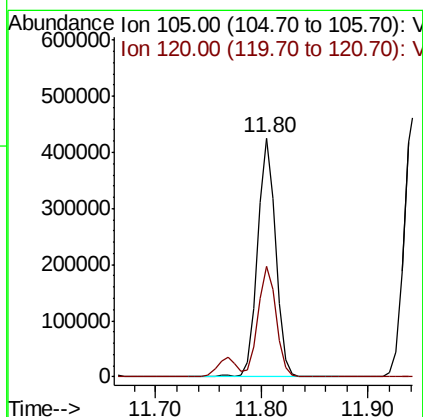
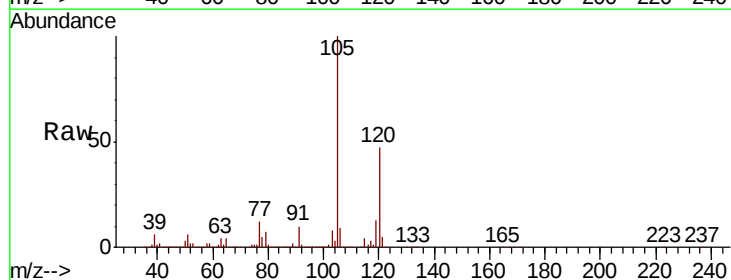
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

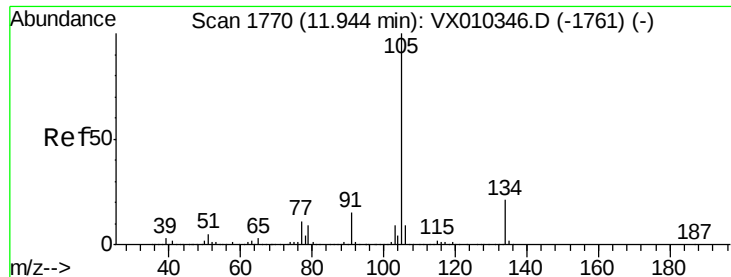
Tot Ion:119 Resp: 503545
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.6 82.7
 134 23.7 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.504 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion:105 Resp: 505336
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2

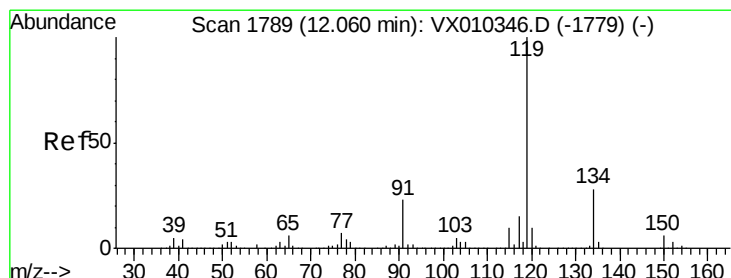
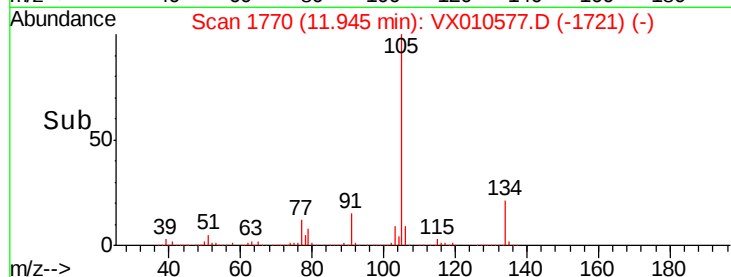
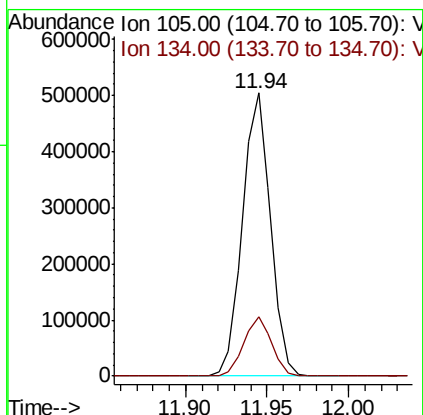
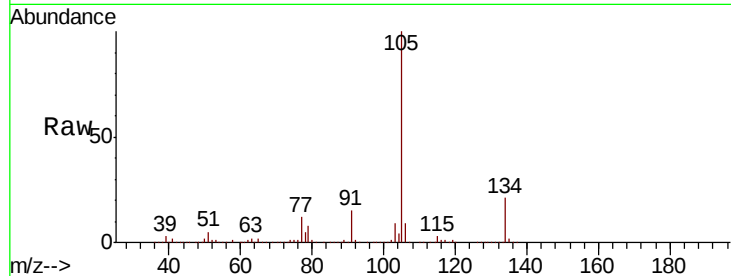




#85
 sec-Butylbenzene
 Concen: 51.414 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

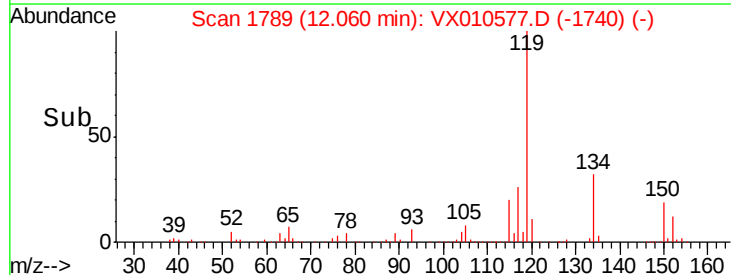
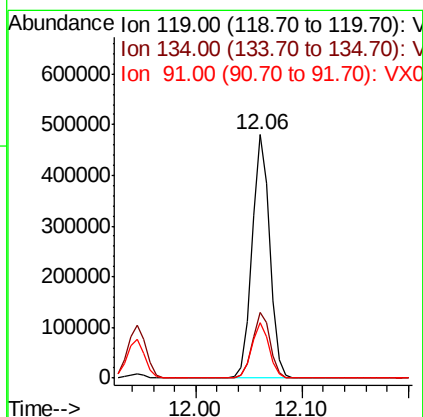
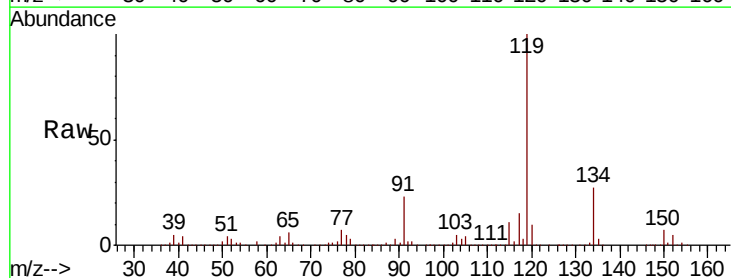
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

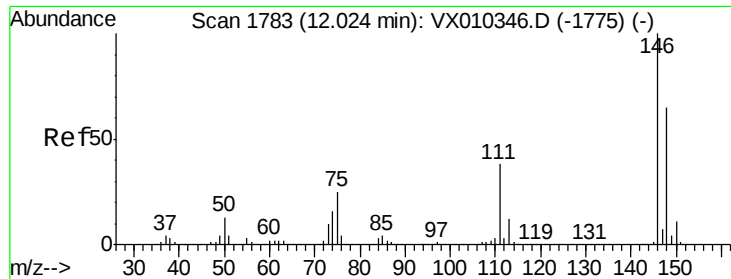
Tot Ion:105 Resp: 603418
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 51.261 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion:119 Resp: 556479
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.7 41.1
 91 22.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.695 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

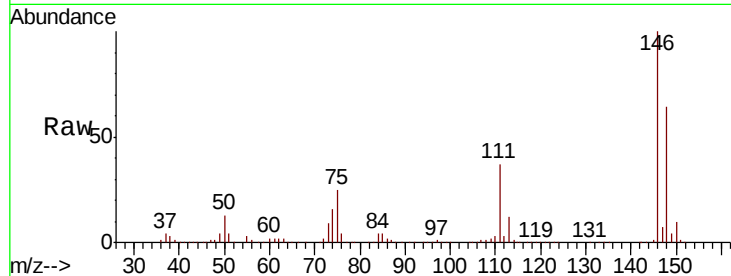
Tot Ion:146 Resp: 292618

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.1

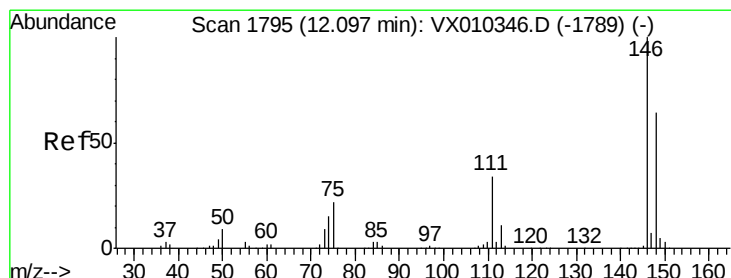
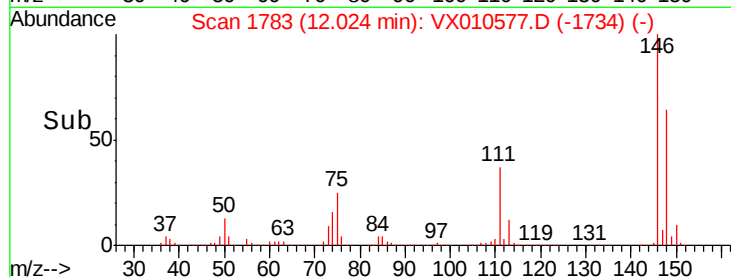
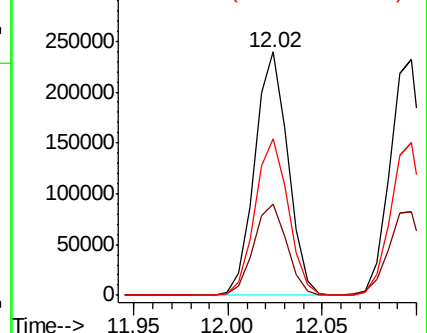
148 64.4 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.801 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

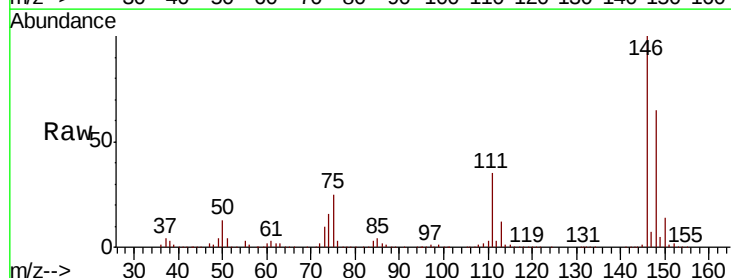
Tgt Ion:146 Resp: 292545

Ion Ratio Lower Upper

146 100

111 36.4 18.1 54.3

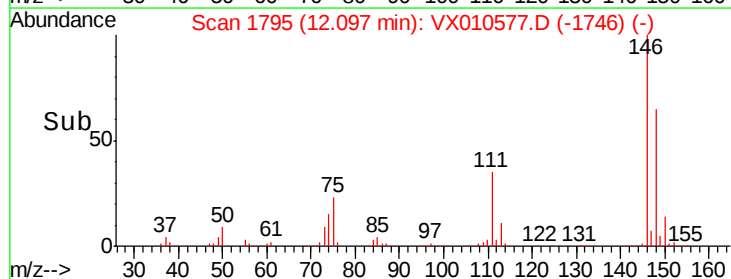
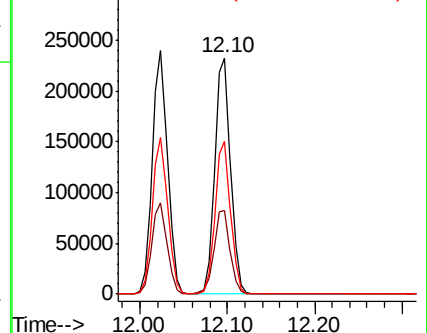
148 63.8 32.1 96.3

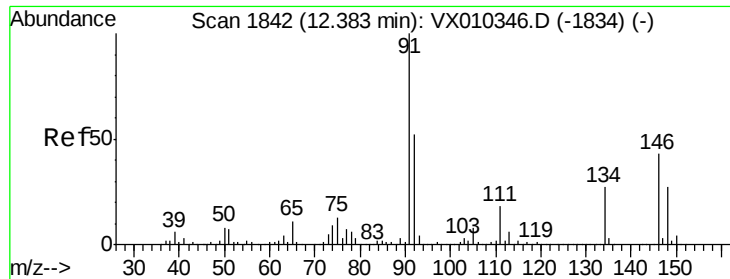


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

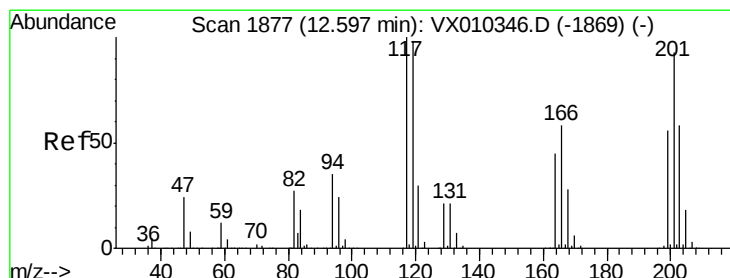
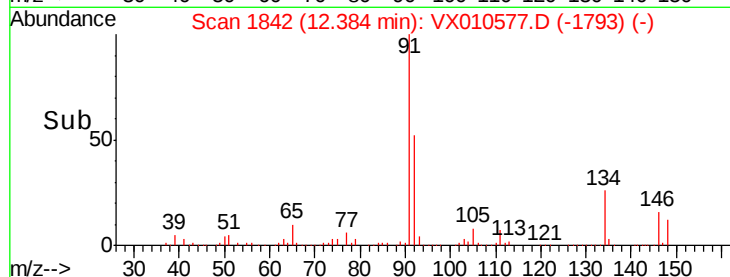
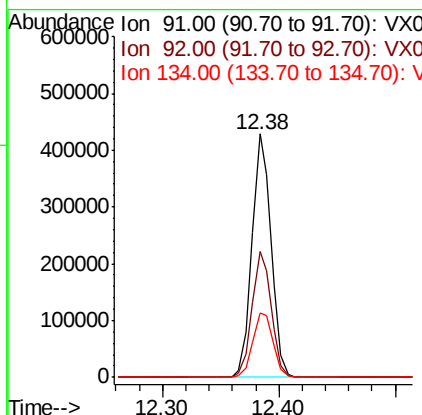
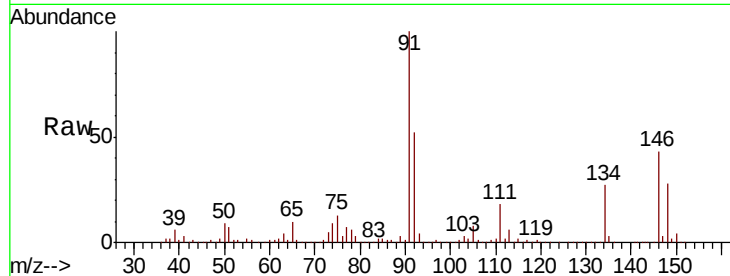




#89
n-Butylbenzene
Concen: 53.241 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

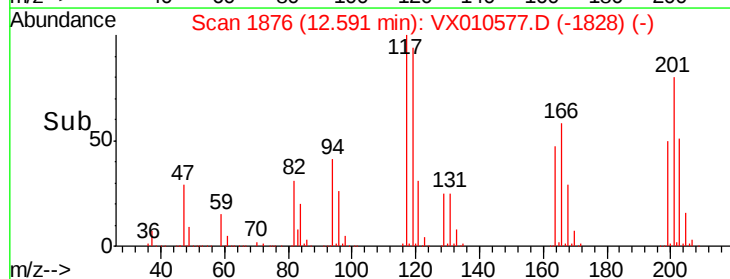
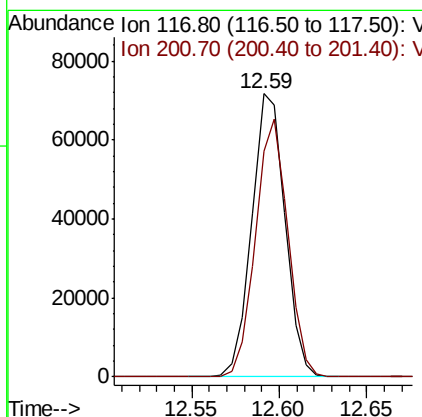
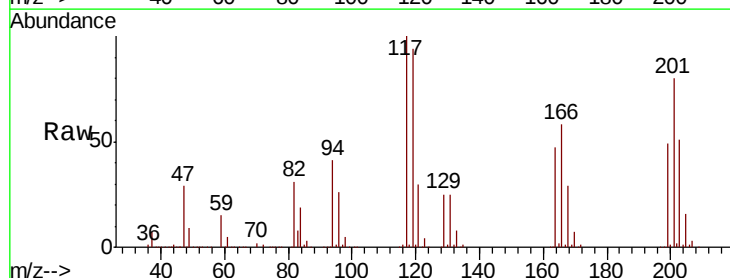
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

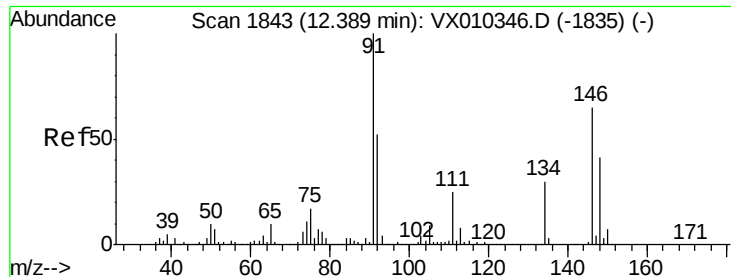
Tot Ion: 91 Resp: 491141
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 28.2 14.1 42.4



#90
Hexachloroethane
Concen: 50.522 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 117 Resp: 94837
Ion Ratio Lower Upper
117 100
201 88.4 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 48.158 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

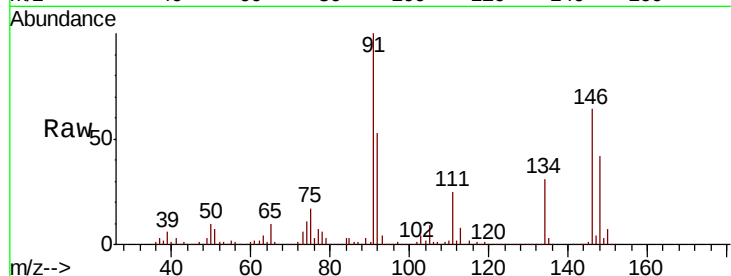
Tot Ion:146 Resp: 281829

Ion Ratio Lower Upper

146 100

111 39.0 19.2 57.6

148 64.3 32.0 96.0

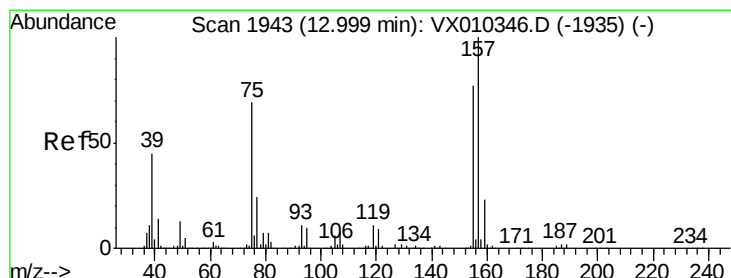
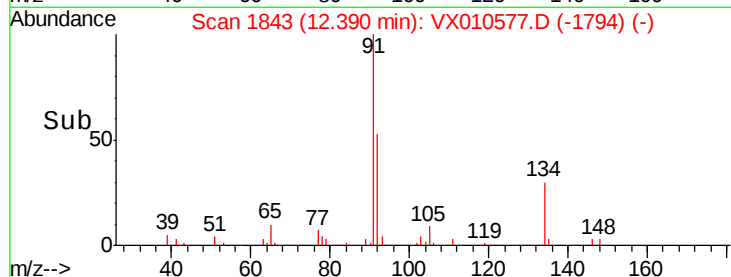
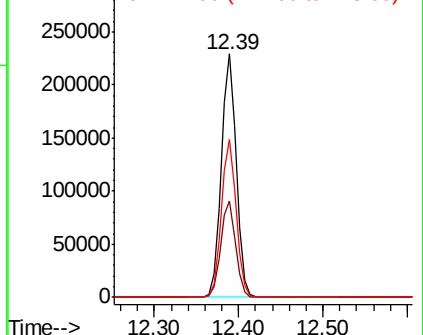


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.738 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

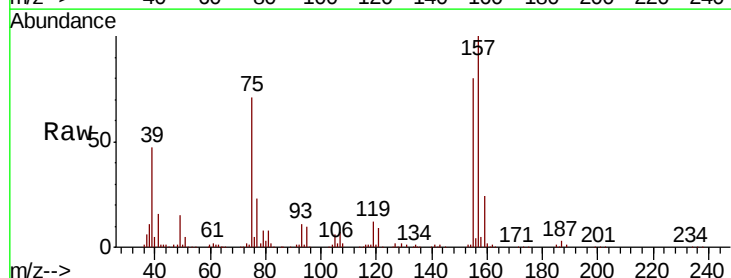
Tgt Ion: 75 Resp: 41179

Ion Ratio Lower Upper

75 100

155 101.7 54.4 163.1

157 131.0 69.5 208.3

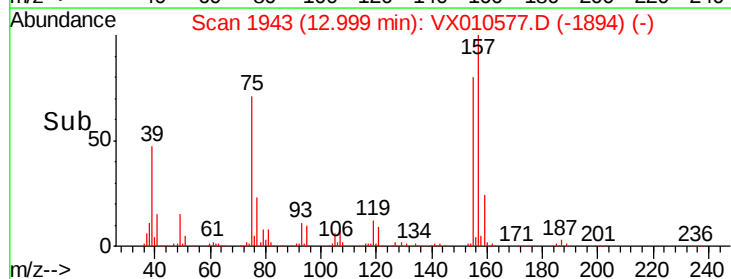
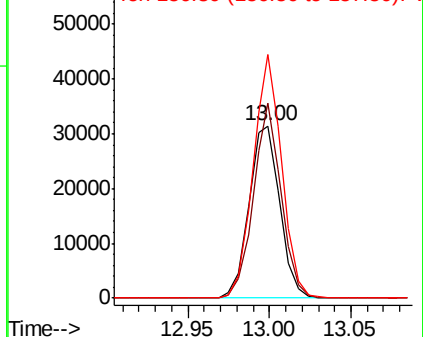


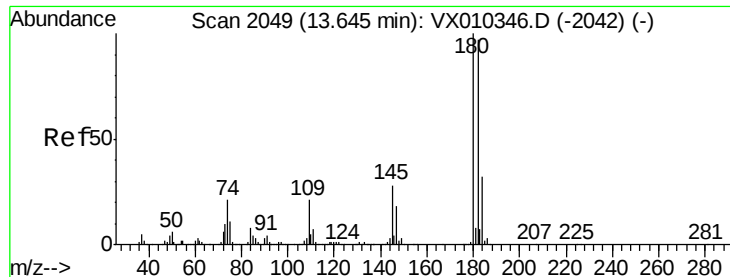
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

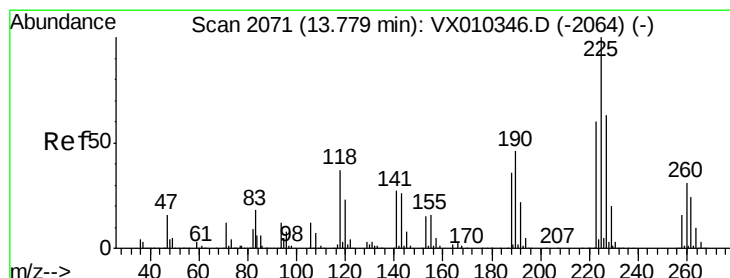
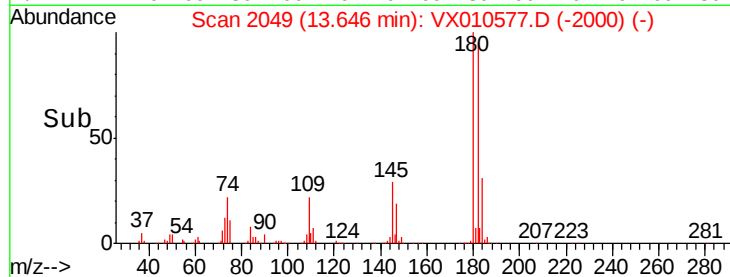
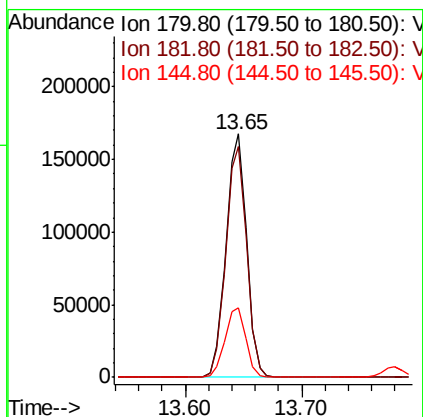
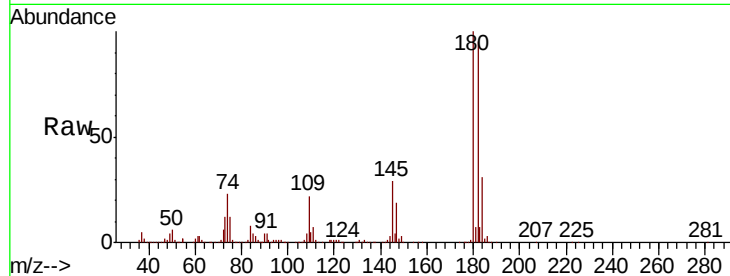




#93
 1,2,4-Trichlorobenzene
 Concen: 50.301 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

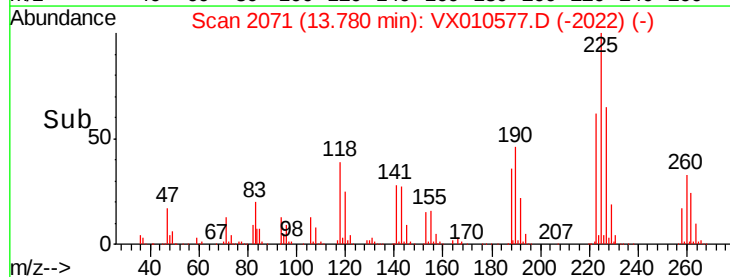
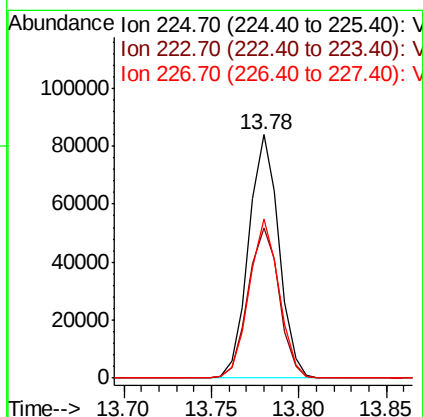
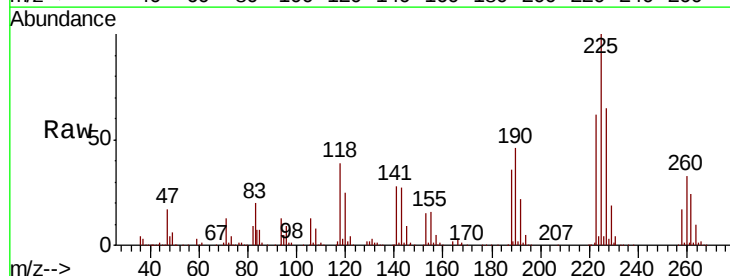
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

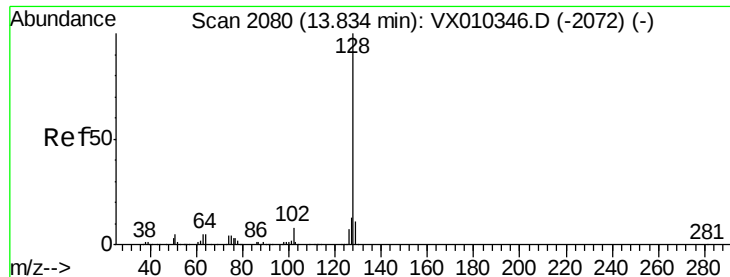
Tot Ion:180 Resp: 204144
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.0 144.0
 145 29.3 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 50.873 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion:225 Resp: 100906
 Ion Ratio Lower Upper
 225 100
 223 63.2 30.9 92.7
 227 64.6 31.9 95.5

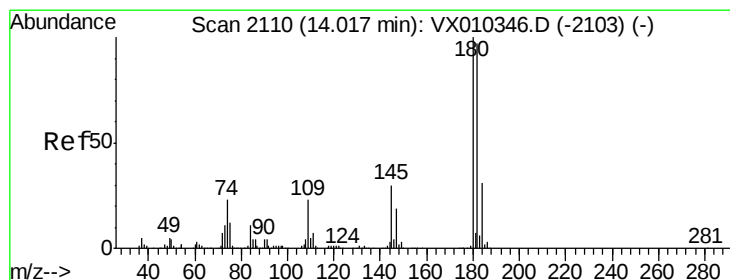
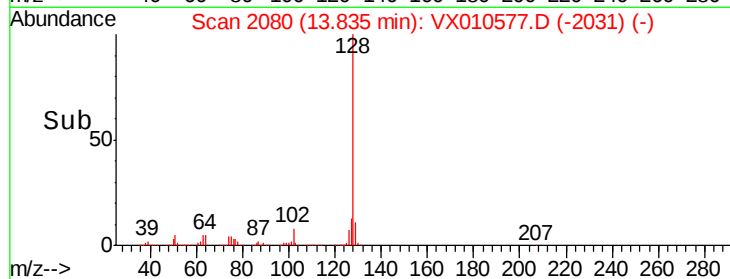
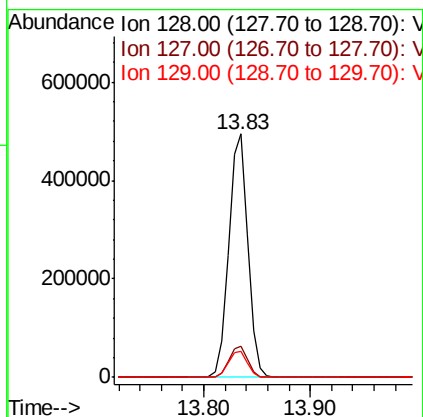
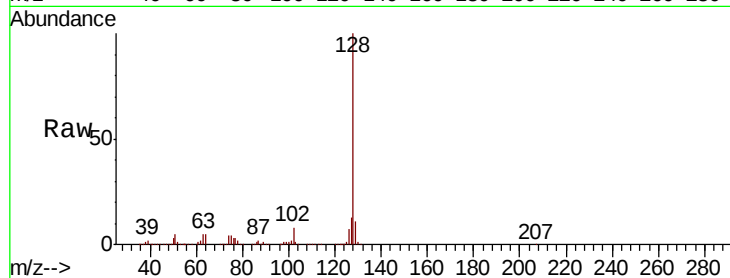




#95
Naphthalene
Concen: 49.719 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 620087
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.107 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion:180 Resp: 206225
Ion Ratio Lower Upper
180 100
182 94.6 47.8 143.3
145 31.5 15.2 45.6

