

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050319\
 Data File : VX009309.D
 Acq On : 03 May 2019 14:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 03 23:15:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	121029	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	5.49	113	88536	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	8.71	98	362387	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	134180	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78266	46.310	ug/l	100
3) Chloromethane	1.32	50	104706	45.380	ug/l	99
4) Vinyl Chloride	1.41	62	103859	46.161	ug/l	97
5) Bromomethane	1.64	94	60850	45.059	ug/l	96
6) Chloroethane	1.71	64	64868	44.906	ug/l	99
7) Trichlorofluoromethane	1.92	101	128869	47.120	ug/l	99
8) Diethyl Ether	2.18	74	59735	46.110	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82432	47.997	ug/l	98
10) Methyl Iodide	2.51	142	94728	47.704	ug/l	99
11) Tert butyl alcohol	3.05	59	122155	210.787	ug/l	100
12) 1,1-Dichloroethene	2.37	96	80256	46.639	ug/l	99
13) Acrolein	2.29	56	108733	207.177	ug/l	98
14) Allyl chloride	2.73	41	191936	45.769	ug/l	100
15) Acrylonitrile	3.14	53	319437	225.437	ug/l	99
16) Acetone	2.44	43	292745	217.763	ug/l	98
17) Carbon Disulfide	2.57	76	211751	43.829	ug/l	99
18) Methyl Acetate	2.77	43	143214	44.795	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	312594	46.780	ug/l	100
20) Methylene Chloride	2.85	84	96949	44.540	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	85625	45.882	ug/l	98
22) Diisopropyl ether	3.85	45	380670	47.202	ug/l	95
23) Vinyl Acetate	3.81	43	1659670	240.325	ug/l	99
24) 1,1-Dichloroethane	3.69	63	183321	46.079	ug/l	100
25) 2-Butanone	4.67	43	474153	226.971	ug/l	99
26) 2,2-Dichloropropane	4.58	77	138270	46.692	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	103521	46.474	ug/l	99
28) Bromochloromethane	5.01	49	78288	48.819	ug/l	100
29) Tetrahydrofuran	5.12	42	305995	227.625	ug/l	99
30) Chloroform	5.21	83	168680	46.878	ug/l	99
31) Cyclohexane	5.57	56	176227	47.611	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	139004	46.406	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129646	48.713	ug/l	100
37) Ethyl Acetate	4.83	43	174217	46.982	ug/l	99
38) Carbon Tetrachloride	5.78	117	116295	48.094	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162363	49.675	ug/l	98
40) Benzene	6.14	78	393462	47.769	ug/l	100
41) Methacrylonitrile	5.04	41	101212	45.852	ug/l	98
42) 1,2-Dichloroethane	6.19	62	143088	48.428	ug/l	99
43) Isopropyl Acetate	6.44	43	284820	48.019	ug/l	99
44) Trichloroethene	7.21	130	95562	47.991	ug/l	99
45) 1,2-Dichloropropane	7.51	63	113024	48.460	ug/l	98
46) Dibromomethane	7.66	93	63360	46.781	ug/l	98
47) Bromodichloromethane	7.90	83	130984	48.483	ug/l	96
48) Methyl methacrylate	7.77	41	143042	48.609	ug/l	100
49) 1,4-Dioxane	7.74	88	51611	864.823	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	926442	238.964	ug/l	100
52) Toluene	8.78	92	241597	48.253	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	153452	50.309	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	167832	49.712	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	99106	48.518	ug/l	98
56) Ethyl methacrylate	9.18	69	178493	48.952	ug/l	99
57) 1,3-Dichloropropane	9.37	76	173029	48.136	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	474875	245.498	ug/l	100
59) 2-Hexanone	9.49	43	723749	237.694	ug/l	99
60) Dibromochloromethane	9.58	129	99075	49.661	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100287	48.637	ug/l	99
64) Tetrachloroethene	9.34	164	89321	49.895	ug/l	97
65) Chlorobenzene	10.13	112	251201	48.116	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	90793	47.969	ug/l	99
67) Ethyl Benzene	10.25	91	467505	48.657	ug/l	100
68) m/p-Xylenes	10.36	106	345914	98.520	ug/l	98
69) o-Xylene	10.69	106	167140	48.247	ug/l	99
70) Styrene	10.71	104	297805	49.460	ug/l	99
71) Bromoform	10.85	173	75395	49.017	ug/l #	99
73) Isopropylbenzene	11.02	105	454158	47.457	ug/l	99
74) N-amyl acetate	10.90	43	263904	47.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	162835	45.644	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	192927	63.199	ug/l	81
77) Bromobenzene	11.26	156	112114	47.200	ug/l	99
78) n-propylbenzene	11.36	91	532871	48.756	ug/l	99
79) 2-Chlorotoluene	11.42	91	311506	46.198	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	386364	47.948	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54879	45.997	ug/l	98
82) 4-Chlorotoluene	11.51	91	361550	47.463	ug/l	100
83) tert-Butylbenzene	11.77	119	372309	47.496	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	390764	48.313	ug/l	99
85) sec-Butylbenzene	11.94	105	451367	48.569	ug/l	100
86) p-Isopropyltoluene	12.06	119	413309	49.470	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	203255	48.001	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	201991	47.315	ug/l	99
89) n-Butylbenzene	12.38	91	384286	50.890	ug/l	100
90) Hexachloroethane	12.60	117	68631	48.218	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	204712	47.465	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35249	44.045	ug/l	99

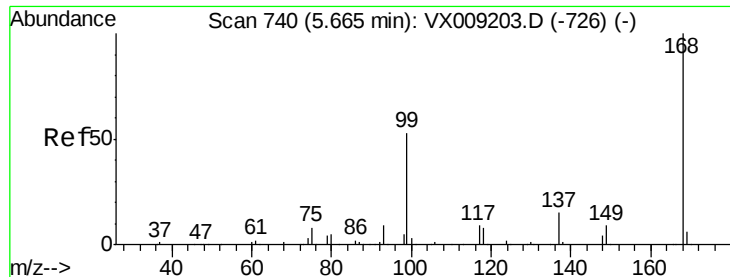
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	147866	50.136	ug/l	98
94) Hexachlorobutadiene	13.78	225	75700	50.262	ug/l	99
95) Naphthalene	13.83	128	457145	47.642	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145443	48.649	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

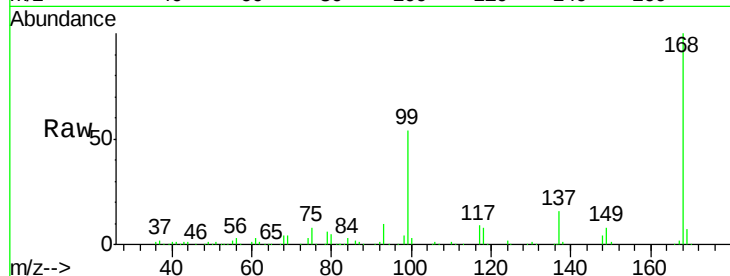
VSTDCCC050

Tot Ion:168 Resp: 183397

Ion Ratio Lower Upper

168 100

99 53.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

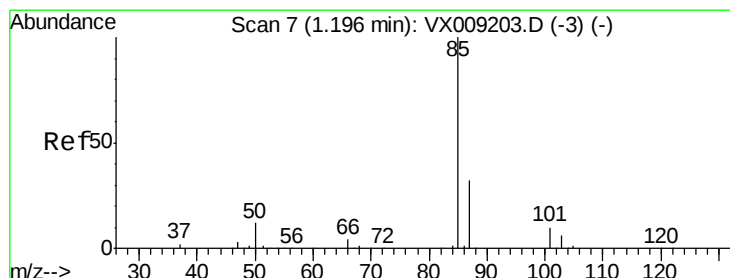
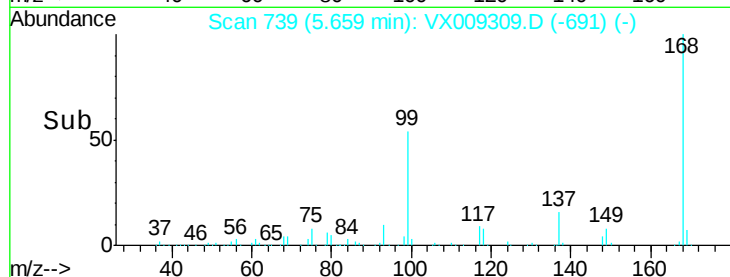
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.310 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009309.D

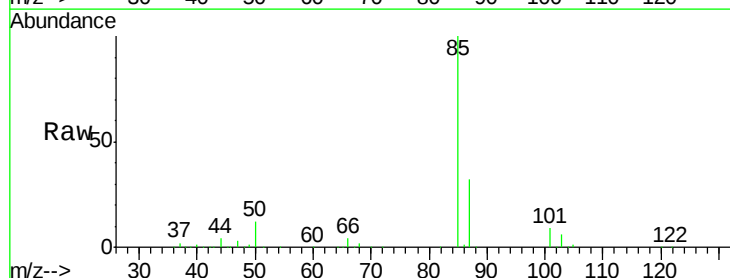
Acq: 03 May 2019 14:40

Tgt Ion: 85 Resp: 78266

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

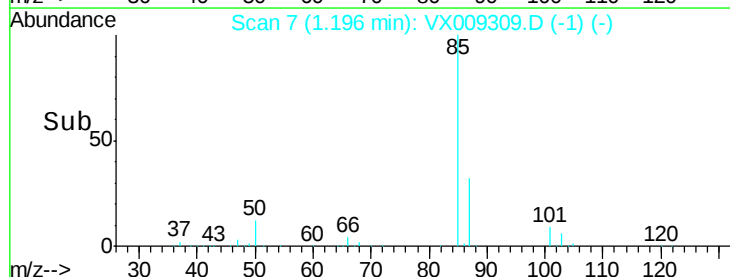
40000

20000

0

Time-->

1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 45.380 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

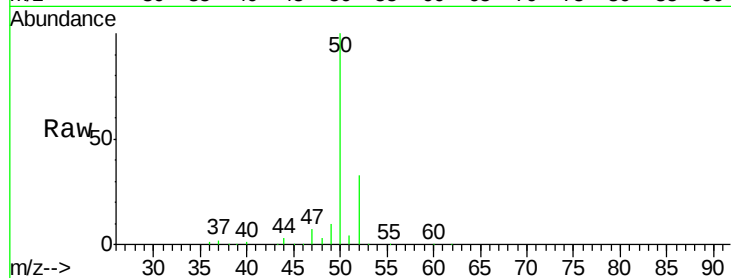
VSTDCCC050

Tot Ion: 50 Resp: 104706

Ion Ratio Lower Upper

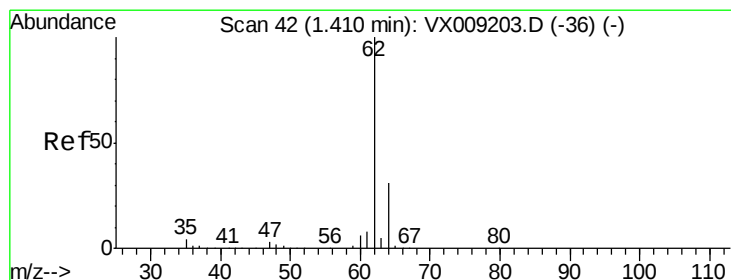
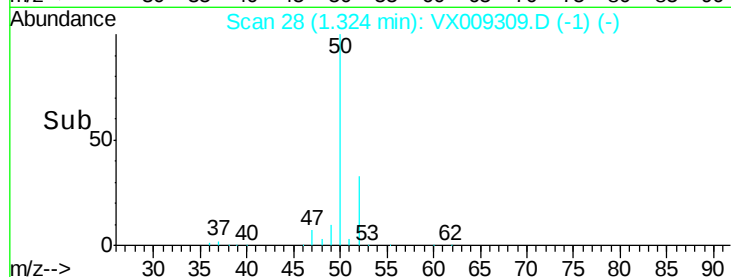
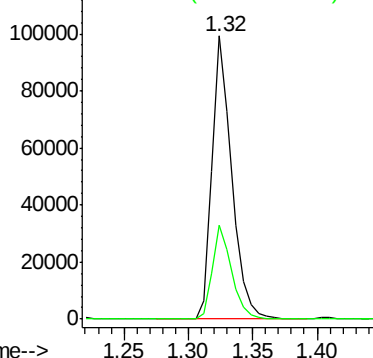
50 100

52 33.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.161 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009309.D

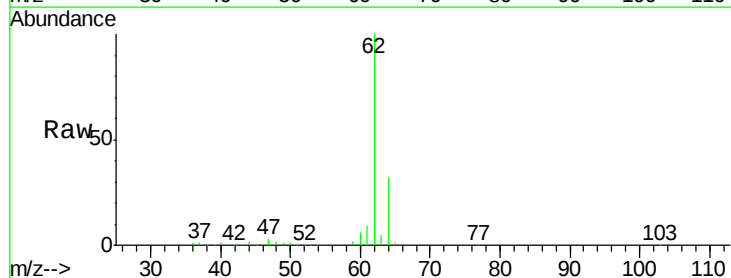
Acq: 03 May 2019 14:40

Tgt Ion: 62 Resp: 103859

Ion Ratio Lower Upper

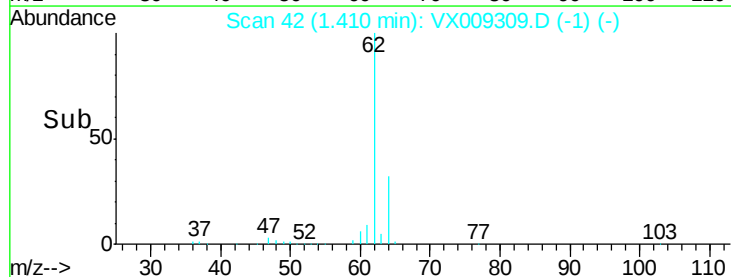
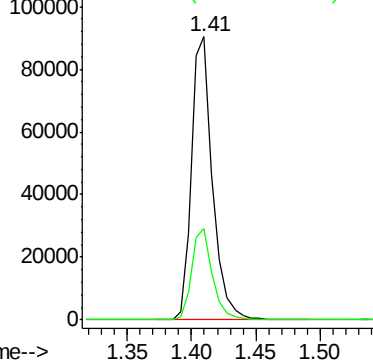
62 100

64 32.2 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.059 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

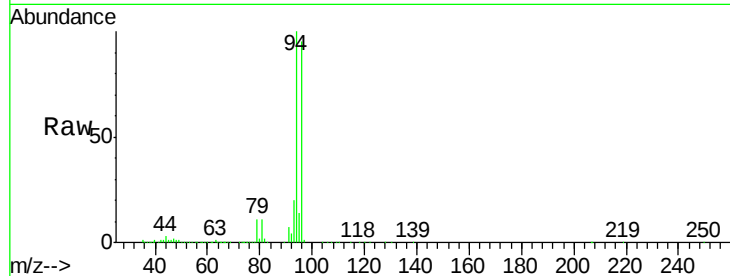
VSTDCCC050

Tot Ion: 94 Resp: 60850

Ion Ratio Lower Upper

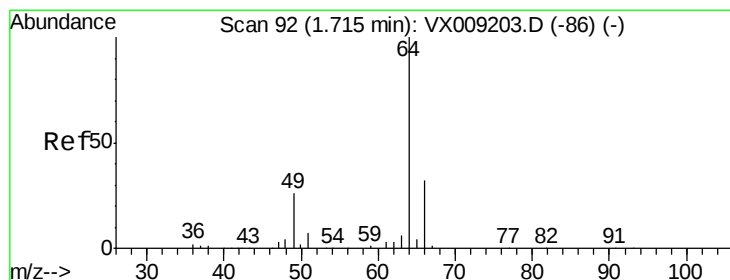
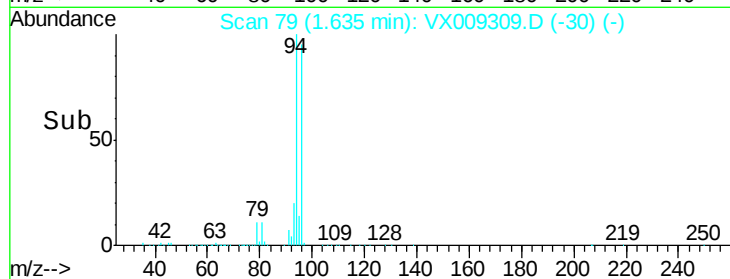
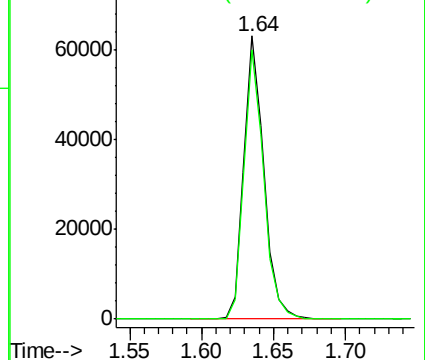
94 100

96 95.1 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.906 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009309.D

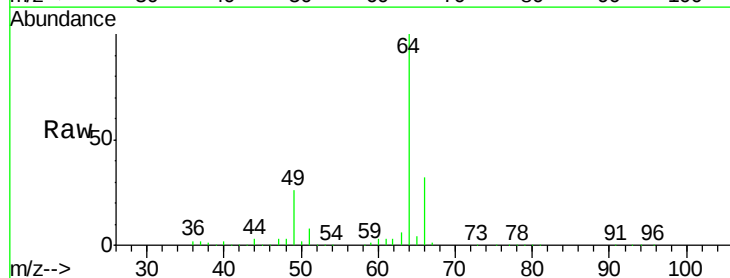
Acq: 03 May 2019 14:40

Tgt Ion: 64 Resp: 64868

Ion Ratio Lower Upper

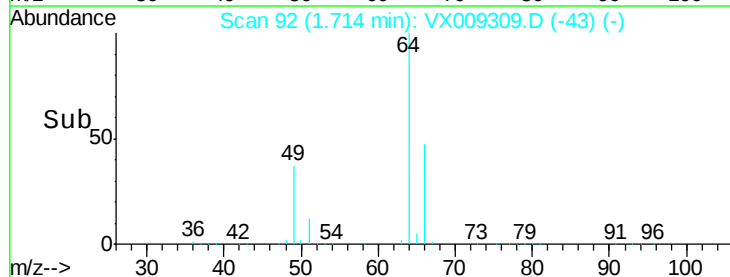
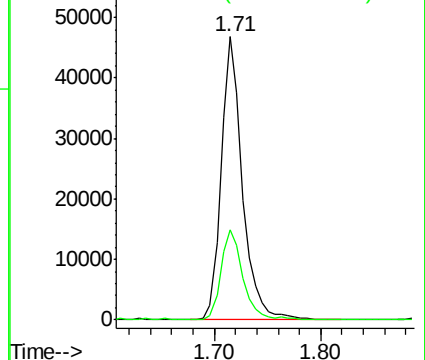
64 100

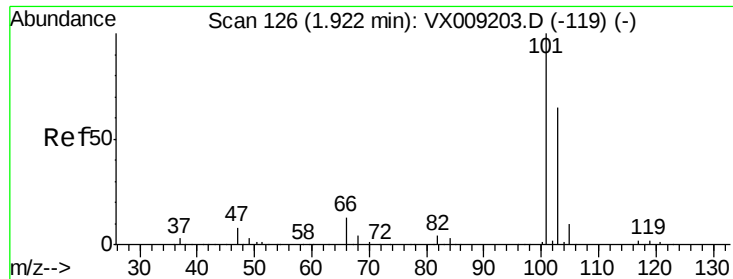
66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



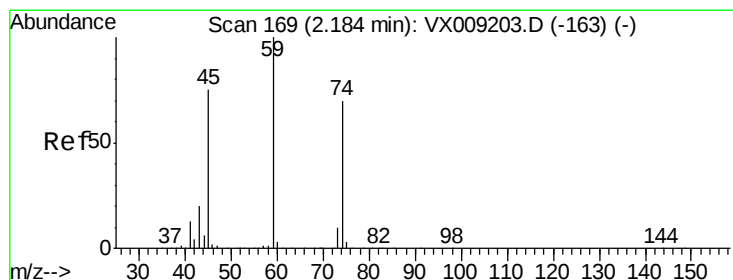
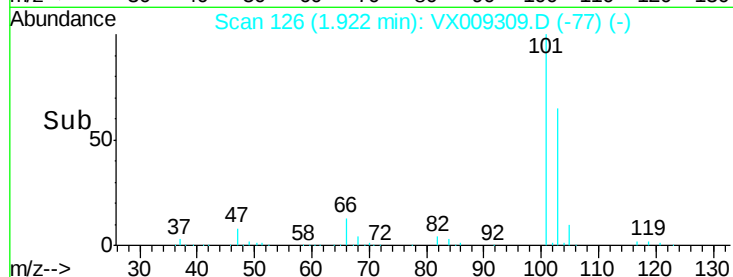
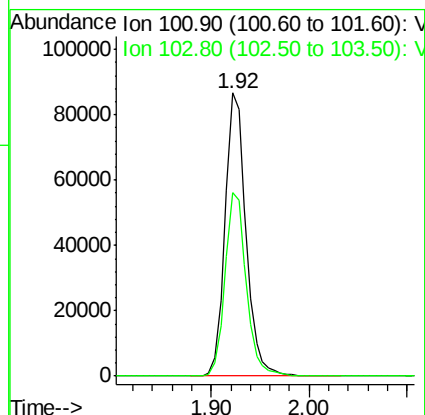
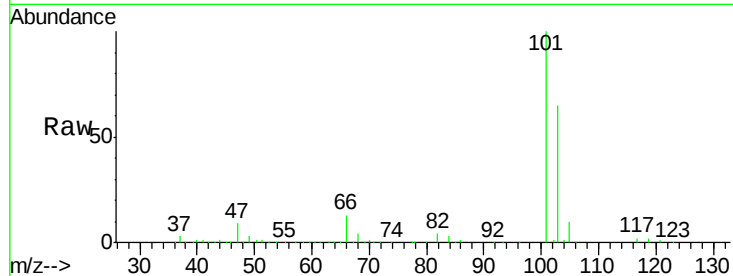


#7

Trichlorofluoromethane
 Concen: 47.120 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

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 VSTDCCC050

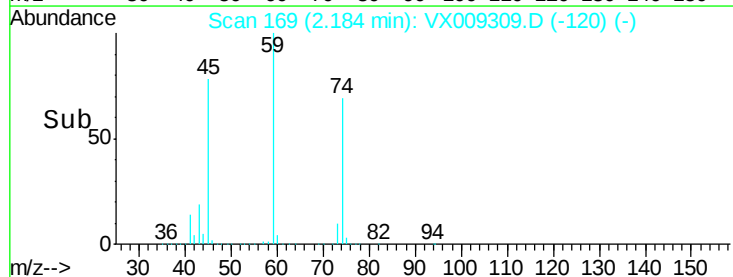
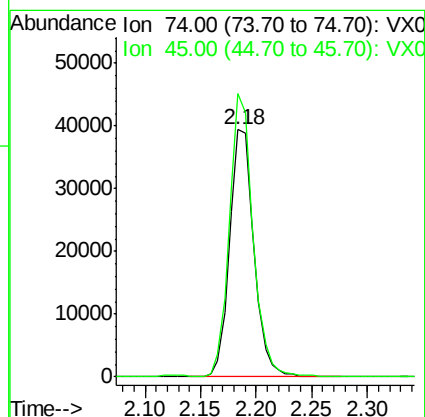
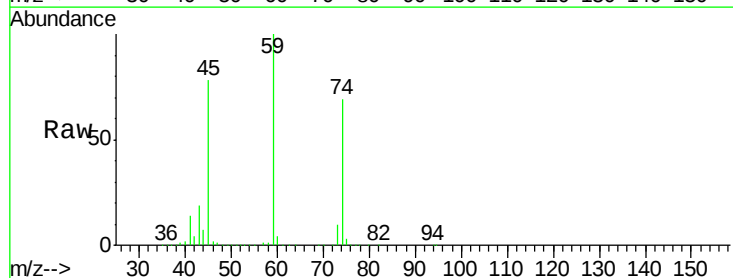
Tot Ion:101 Resp: 128869
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.4 78.6

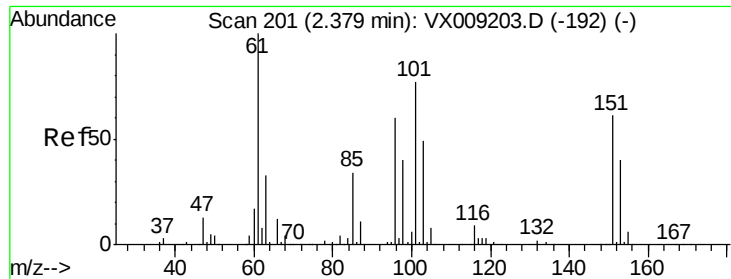


#8

Diethyl Ether
 Concen: 46.110 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Tgt Ion: 74 Resp: 59735
 Ion Ratio Lower Upper
 74 100
 45 110.2 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.997 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

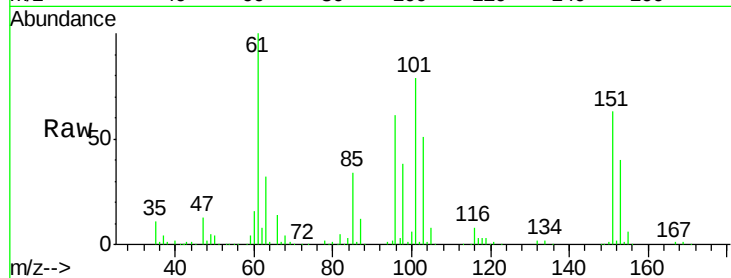
Tot Ion:101 Resp: 82432

Ion Ratio Lower Upper

101 100

85 44.1 35.7 53.5

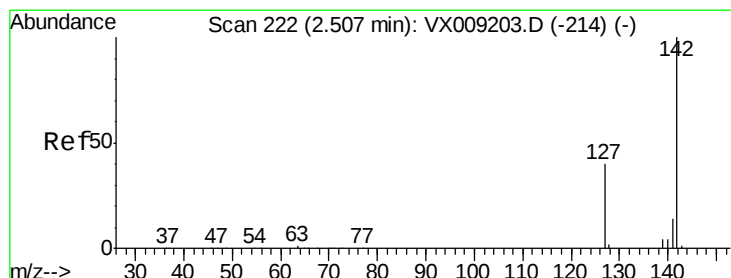
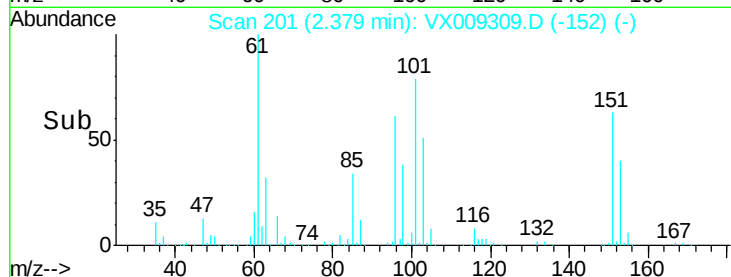
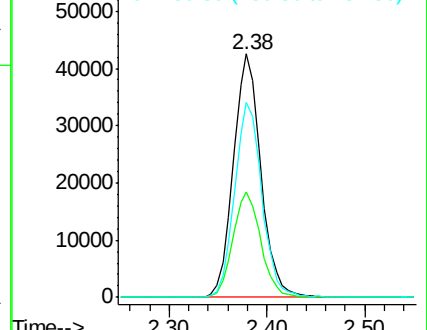
151 79.8 62.2 93.2



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: 47.704 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

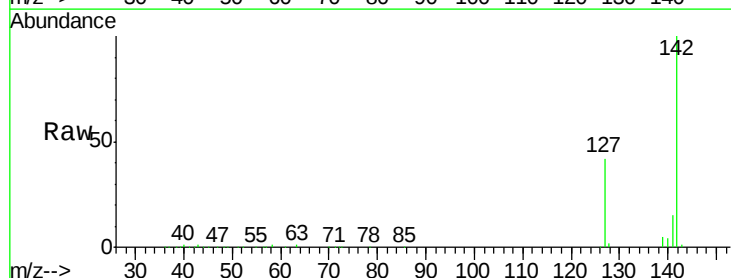
Tgt Ion:142 Resp: 94728

Ion Ratio Lower Upper

142 100

127 41.4 32.7 49.1

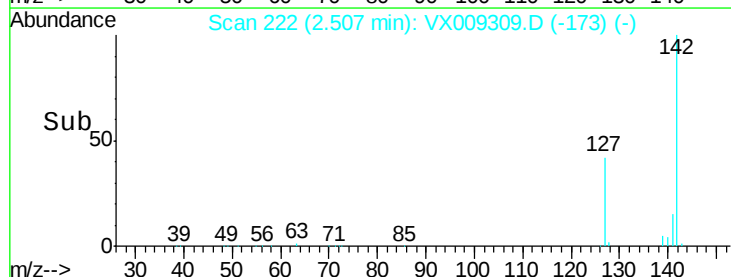
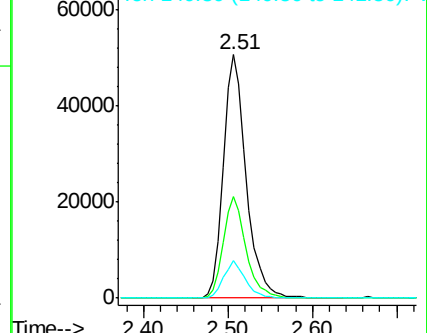
141 14.6 11.5 17.3

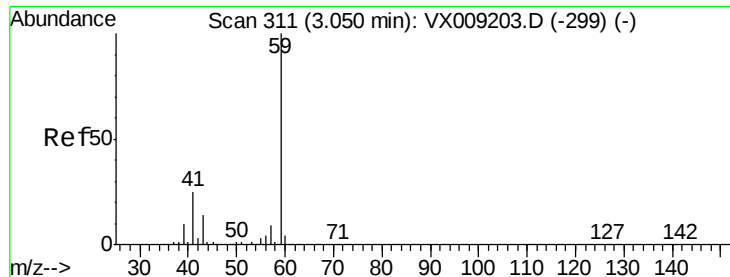


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

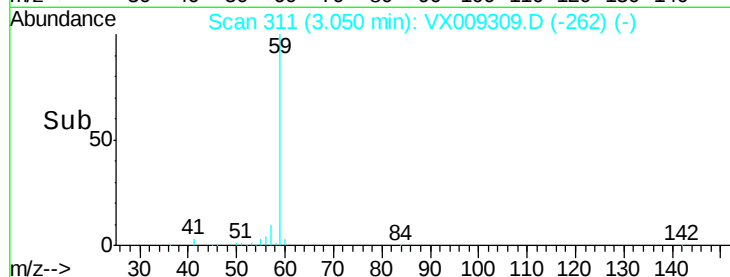
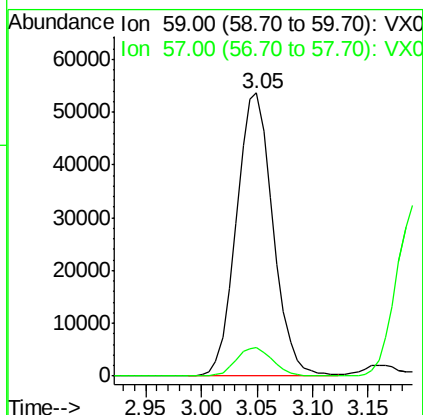
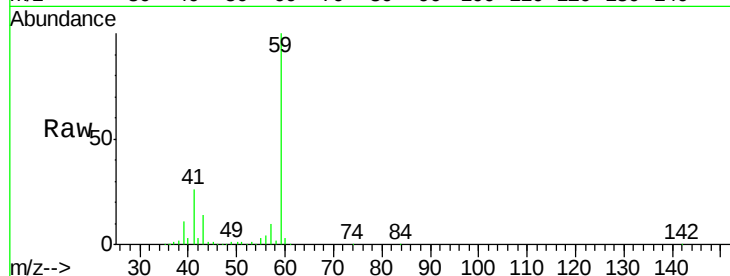




#11
Tert butyl alcohol
Concen: 210.787 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

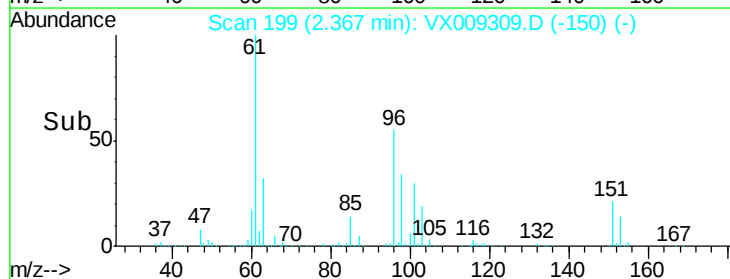
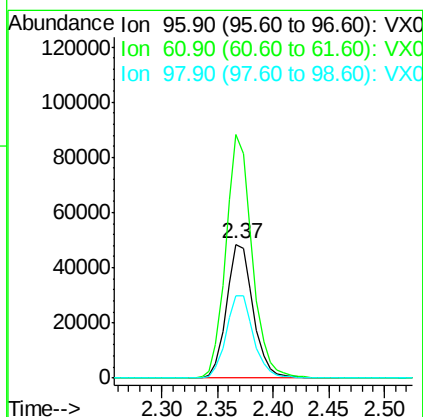
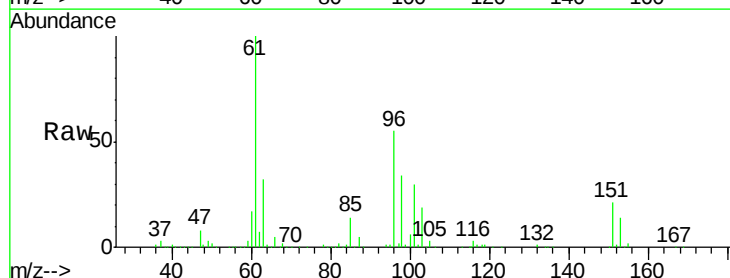
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 122155
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.639 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Tgt Ion: 96 Resp: 80256
Ion Ratio Lower Upper
96 100
61 182.1 144.3 216.5
98 61.3 50.3 75.5

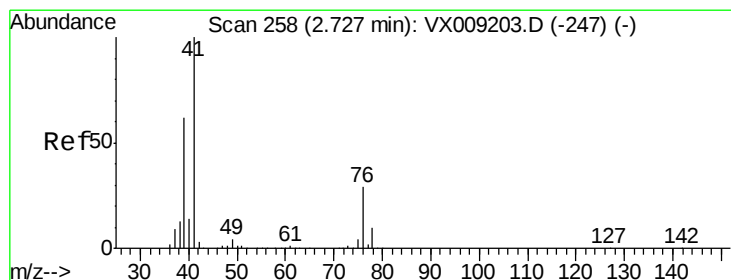
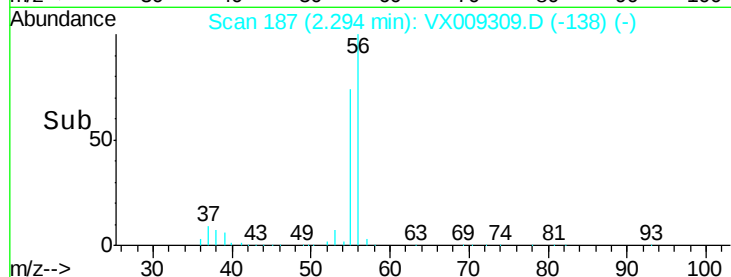
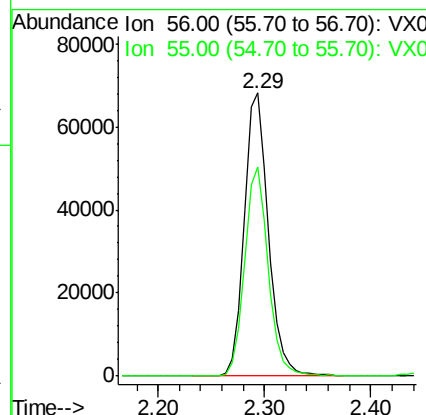
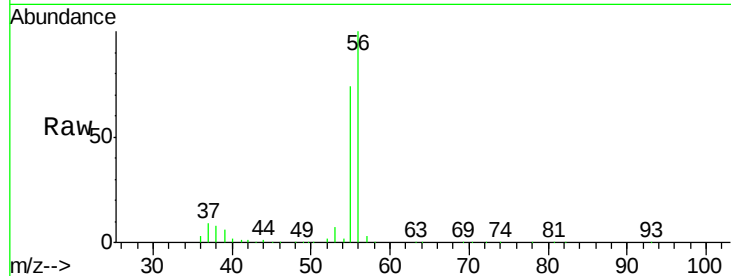




#13
 Acrolein
 Concen: 207.177 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

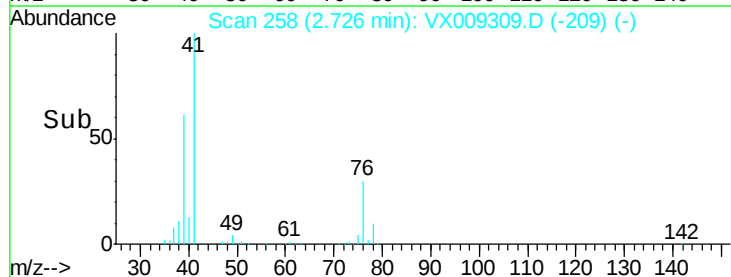
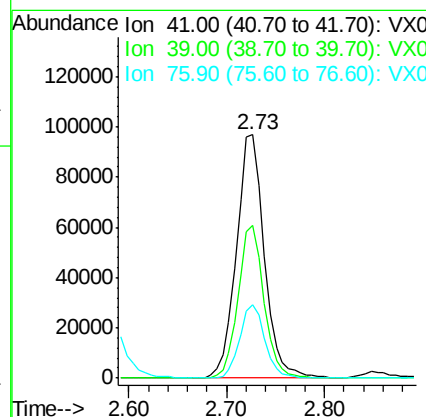
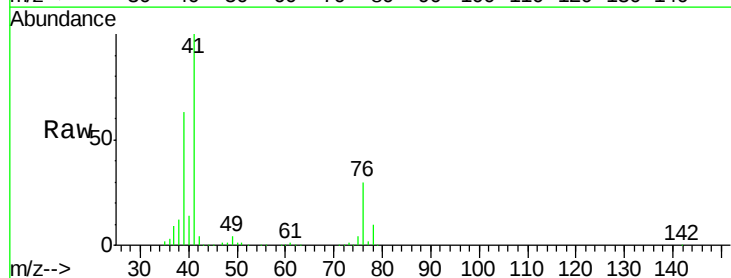
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 56 Resp: 108733
 Ion Ratio Lower Upper
 56 100
 55 72.4 56.6 85.0



#14
 Allyl chloride
 Concen: 45.769 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Tgt Ion: 41 Resp: 191936
 Ion Ratio Lower Upper
 41 100
 39 58.1 46.7 70.1
 76 27.3 21.8 32.8





#15

Acrylonitrile

Concen: 225.437 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

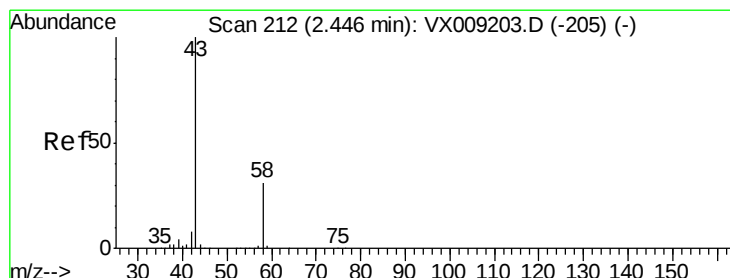
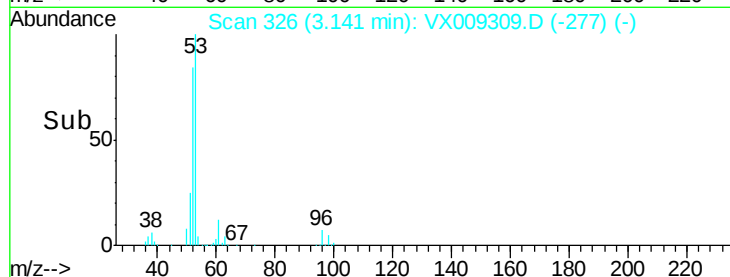
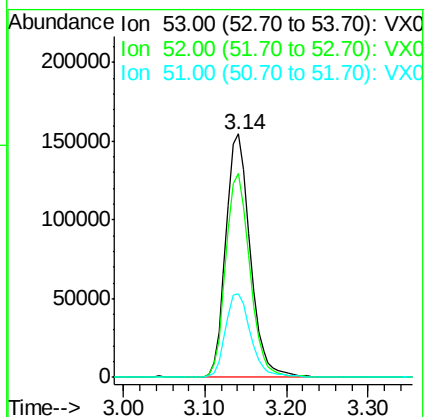
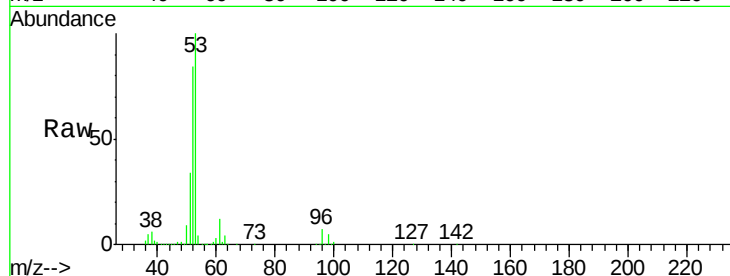
Tot Ion: 53 Resp: 319437

Ion Ratio Lower Upper

53 100

52 82.8 66.9 100.3

51 35.5 28.2 42.2



#16

Acetone

Concen: 217.763 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009309.D

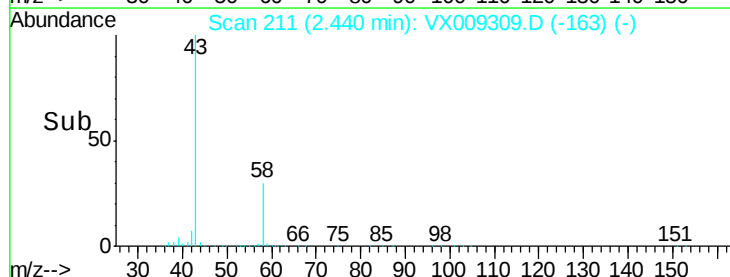
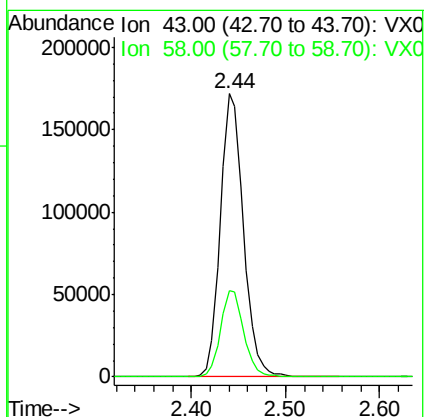
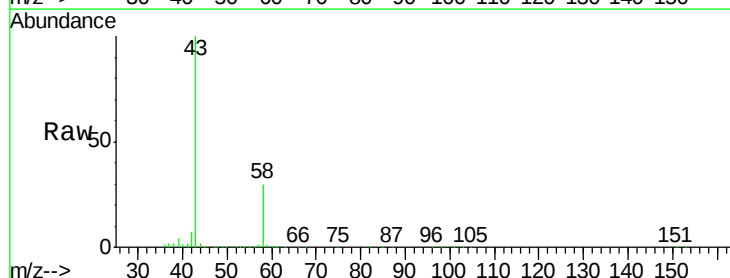
Acq: 03 May 2019 14:40

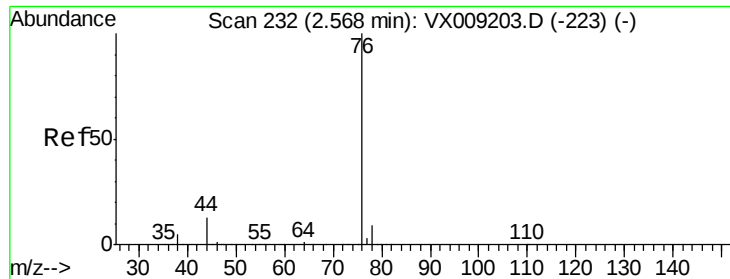
Tgt Ion: 43 Resp: 292745

Ion Ratio Lower Upper

43 100

58 30.2 24.9 37.3

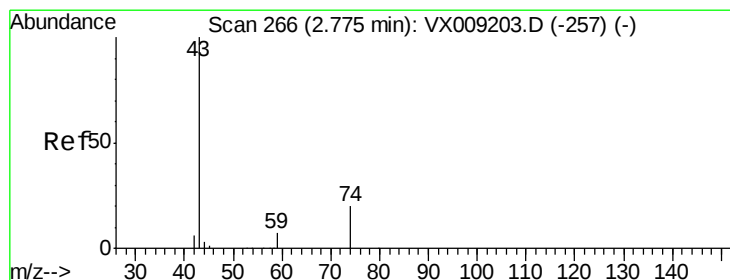
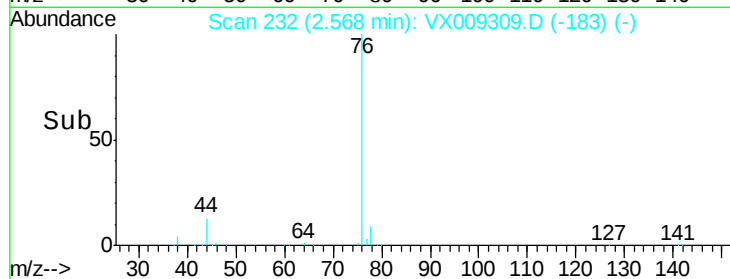
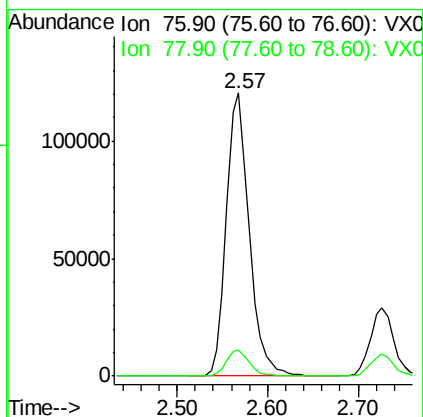
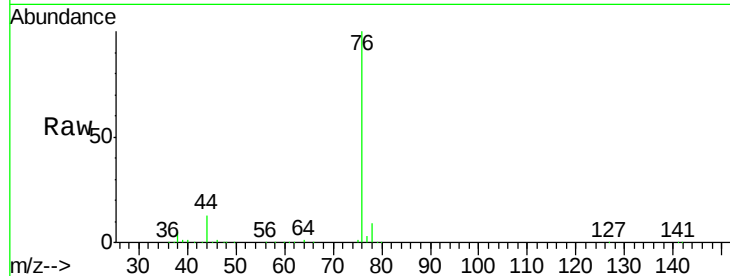




#17
Carbon Disulfide
Concen: 43.829 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

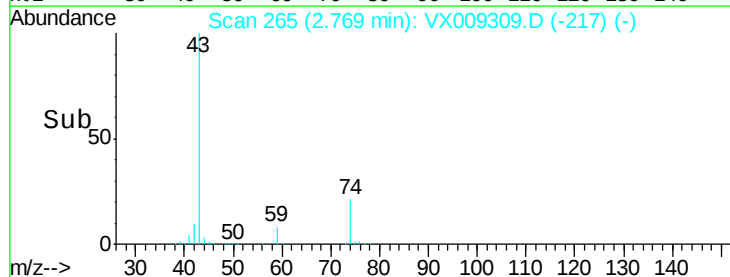
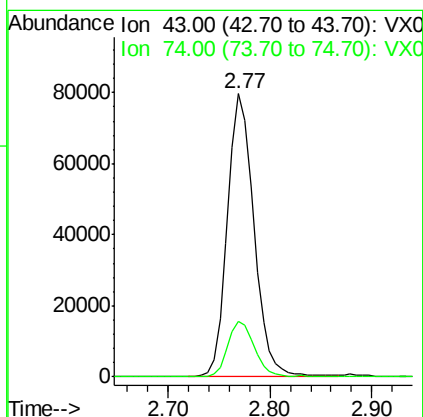
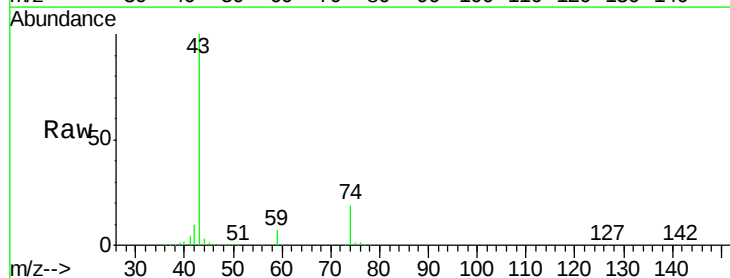
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

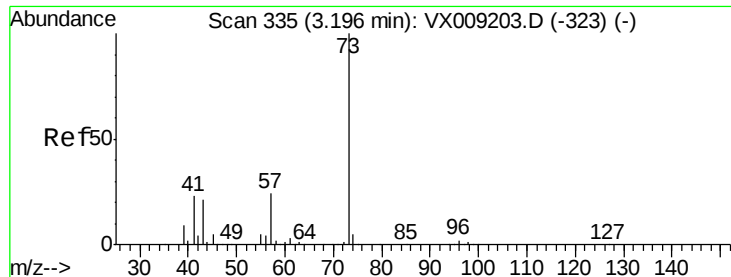
Tot Ion: 76 Resp: 211751
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 44.795 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Tgt Ion: 43 Resp: 143214
Ion Ratio Lower Upper
43 100
74 20.0 16.2 24.4



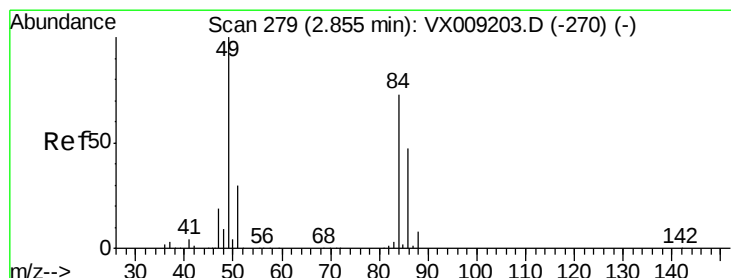
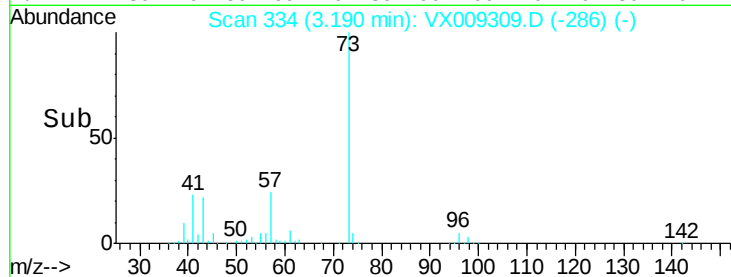
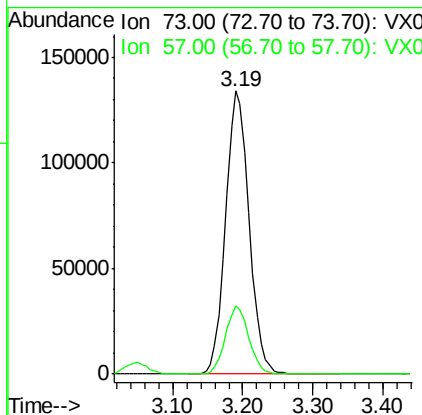
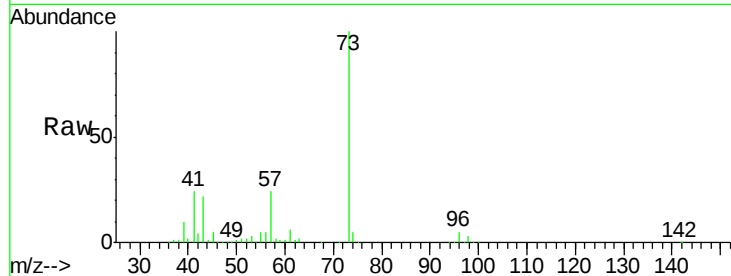


#19

Methyl tert-butyl Ether
 Concen: 46.780 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

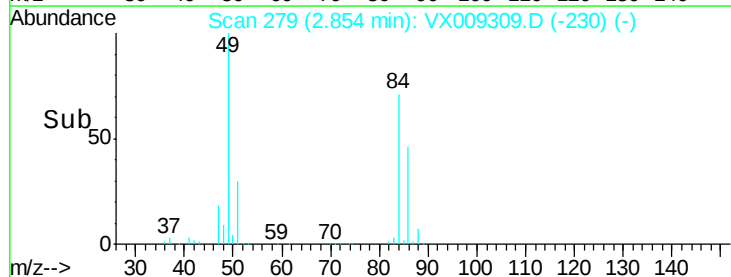
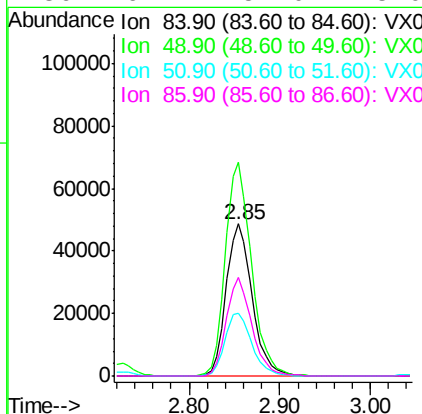
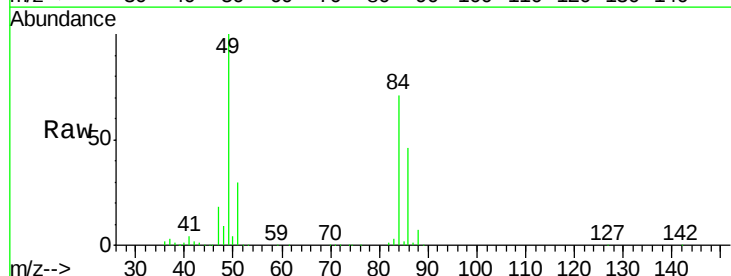
Tot Ion: 73 Resp: 312594
 Ion Ratio Lower Upper
 73 100
 57 24.1 19.3 28.9

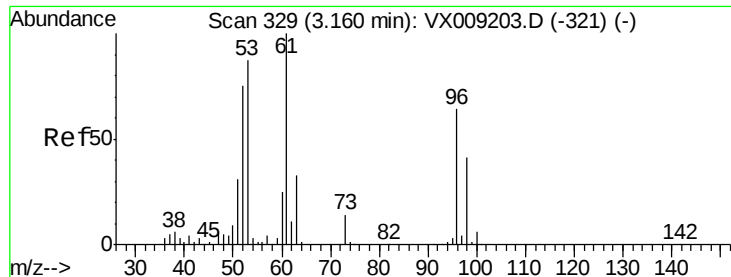


#20

Methylene Chloride
 Concen: 44.540 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Tgt Ion: 84 Resp: 96949
 Ion Ratio Lower Upper
 84 100
 49 140.5 109.9 164.9
 51 41.4 32.7 49.1
 86 64.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 45.882 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

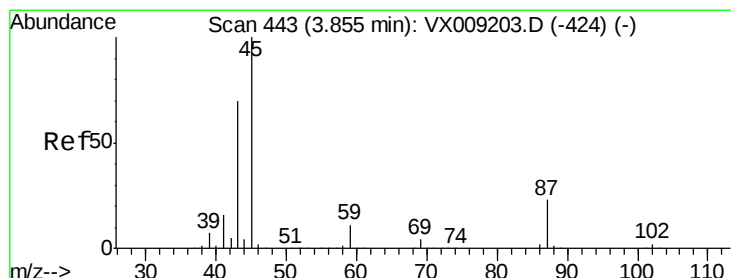
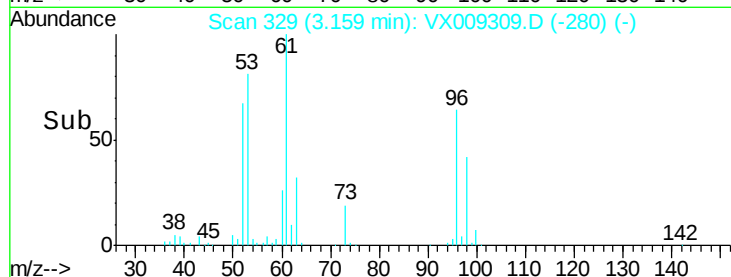
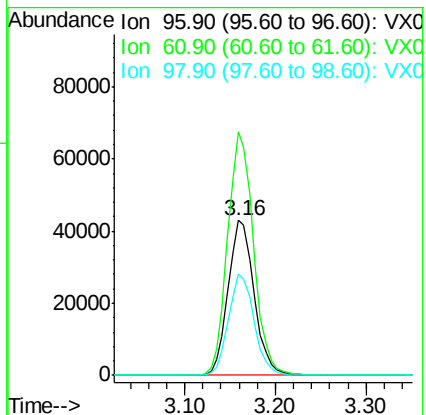
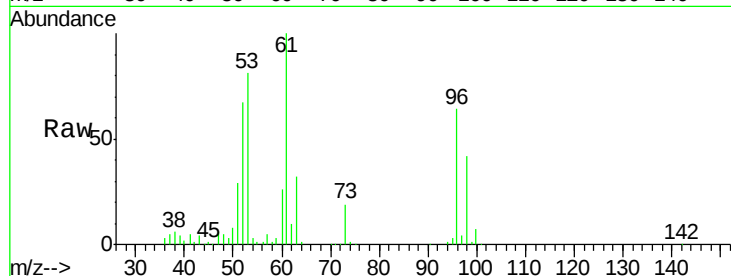
Tot Ion: 96 Resp: 85625

Ion Ratio Lower Upper

96 100

61 156.9 124.5 186.7

98 65.2 50.4 75.6



#22

Diisopropyl ether

Concen: 47.202 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Tgt Ion: 45 Resp: 380670

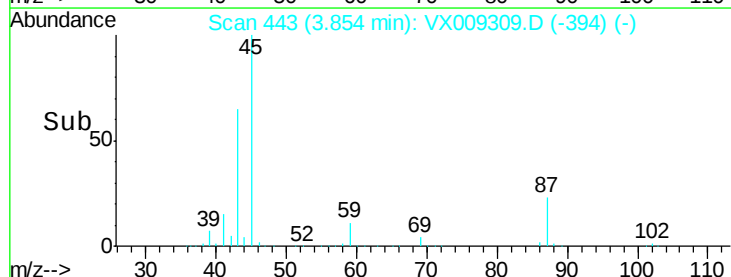
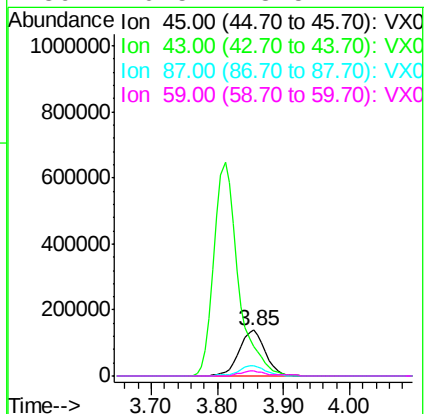
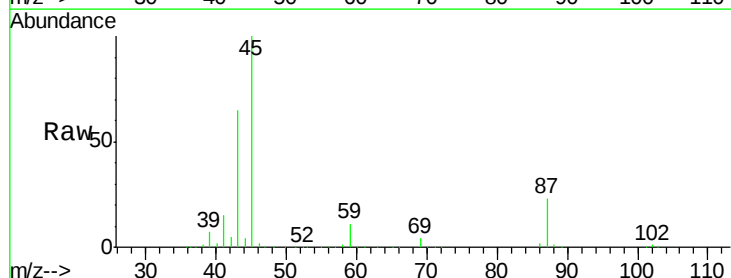
Ion Ratio Lower Upper

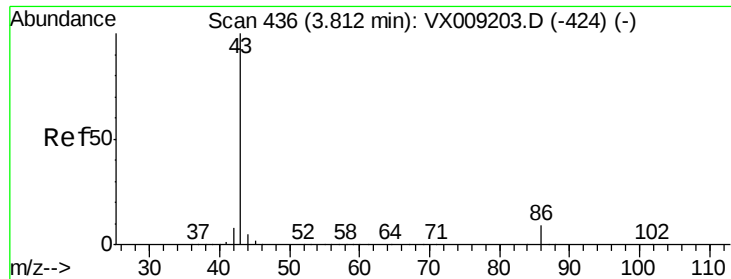
45 100

43 64.4 56.1 84.1

87 22.9 18.1 27.1

59 10.5 8.5 12.7





#23

Vinyl Acetate

Concen: 240.325 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

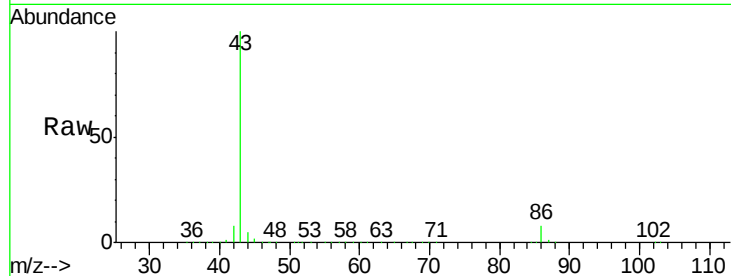
VSTDCCC050

Tot Ion: 43 Resp: 1659670

Ion Ratio Lower Upper

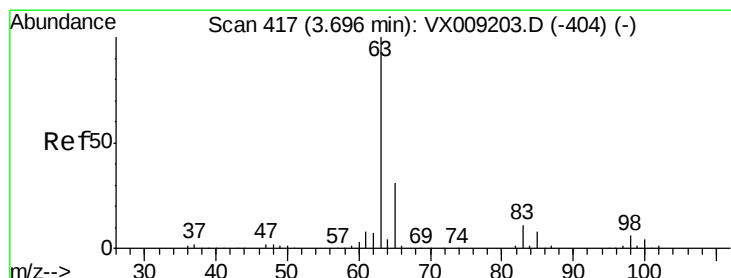
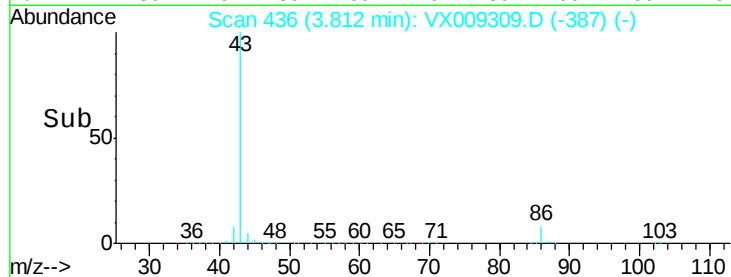
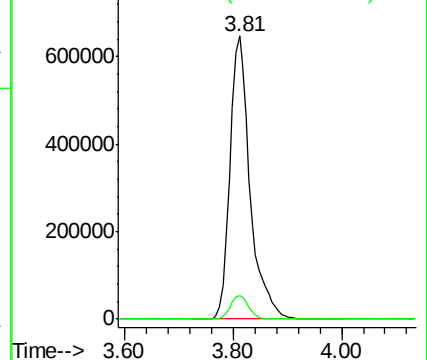
43 100

86 8.4 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.079 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

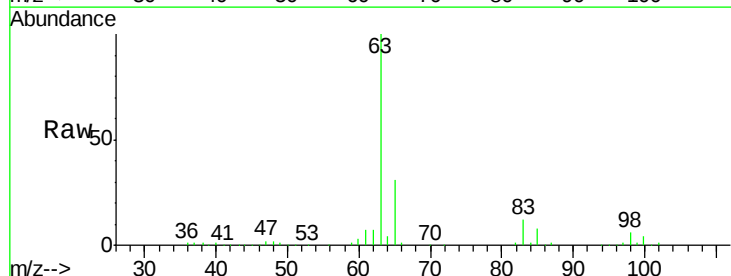
Tgt Ion: 63 Resp: 183321

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

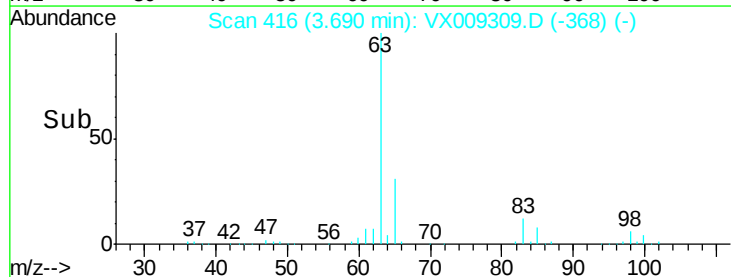
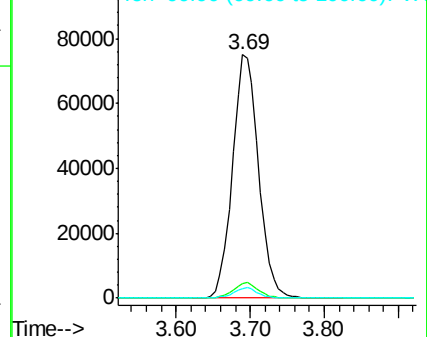
100 3.9 2.0 6.0

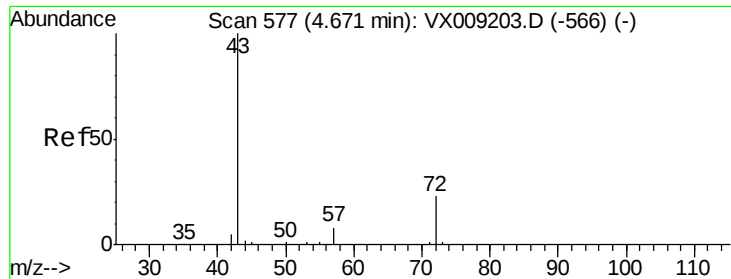


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 226.971 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

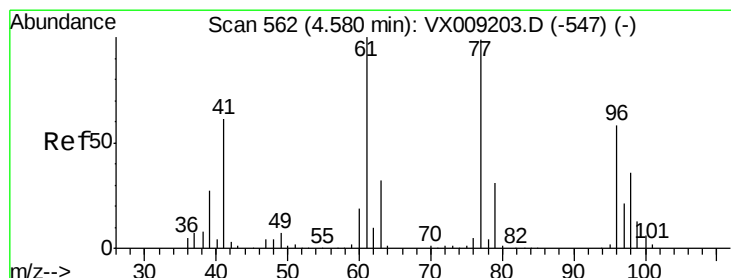
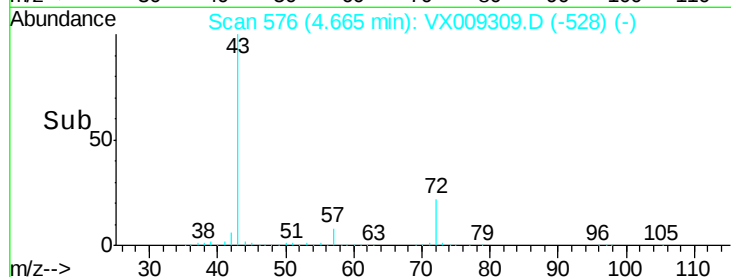
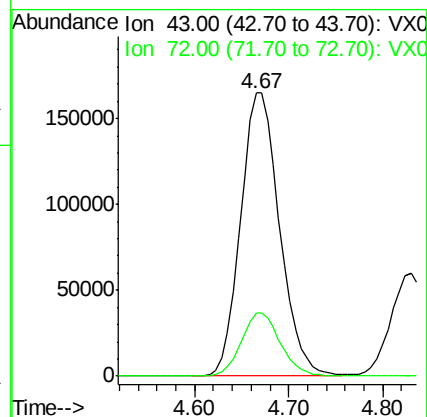
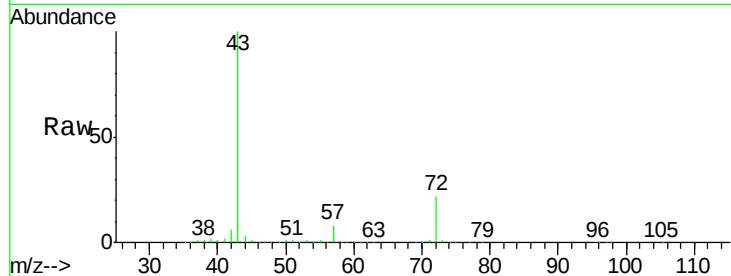
VSTDCCC050

Tot Ion: 43 Resp: 474153

Ion Ratio Lower Upper

43 100

72 22.1 18.2 27.2



#26

2,2-Dichloropropane

Concen: 46.692 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009309.D

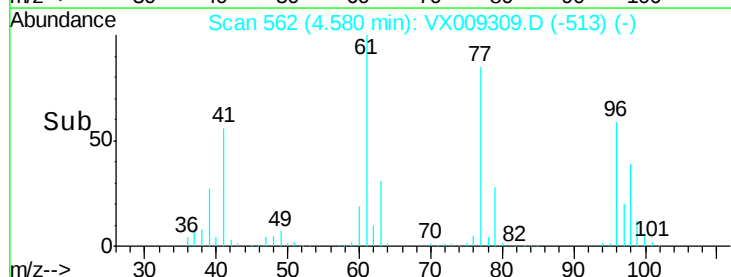
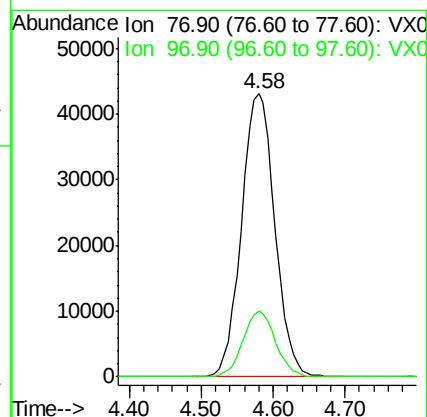
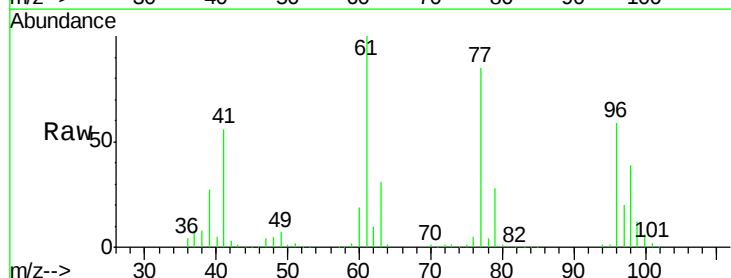
Acq: 03 May 2019 14:40

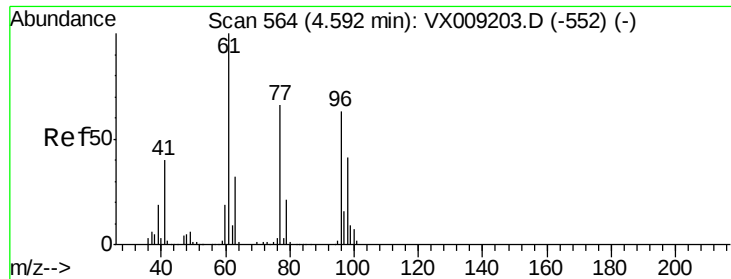
Tgt Ion: 77 Resp: 138270

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4



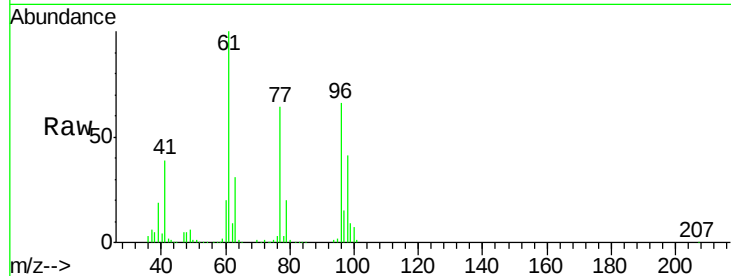


#27

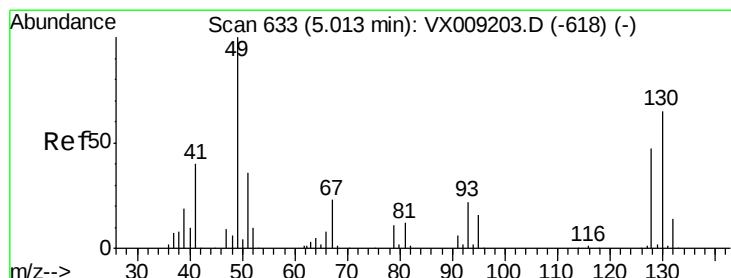
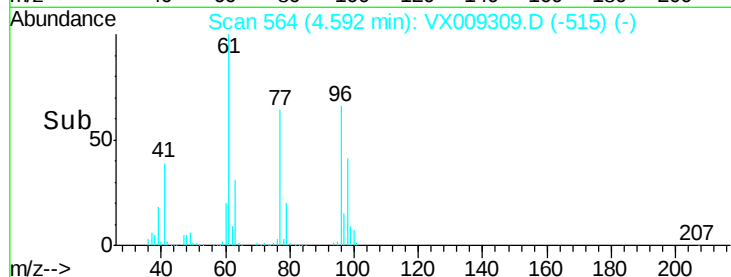
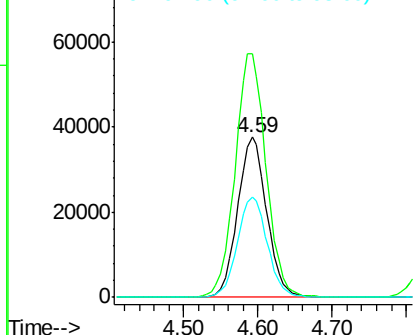
cis-1,2-Dichloroethene
Concen: 46.474 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 103521
Ion Ratio Lower Upper
96 100
61 160.7 0.0 324.0
98 64.4 0.0 130.4



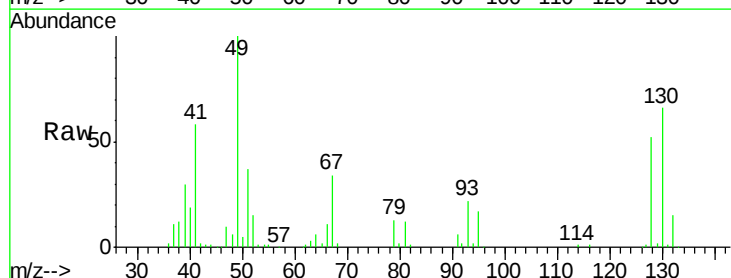
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



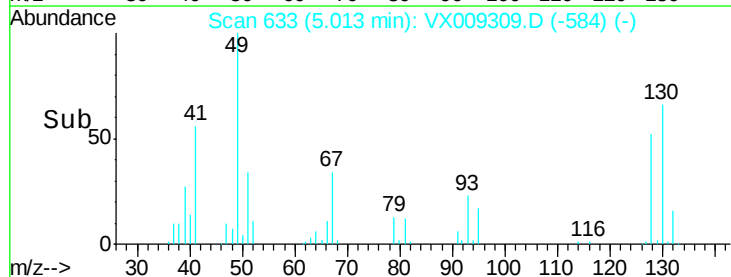
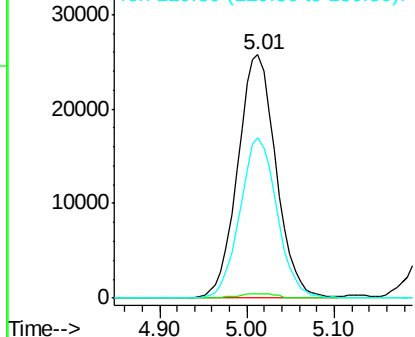
#28

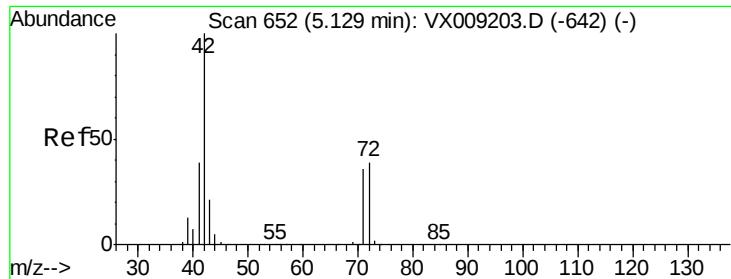
Bromochloromethane
Concen: 48.819 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Tgt Ion: 49 Resp: 78288
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 63.8 51.2 76.8



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

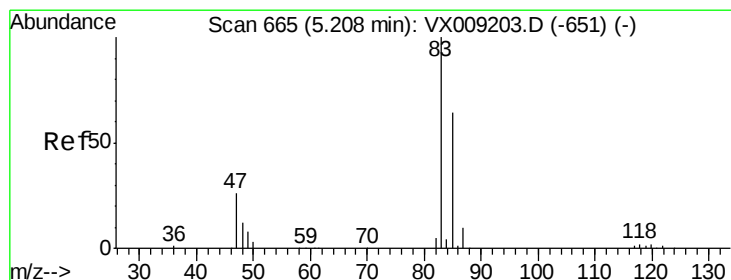
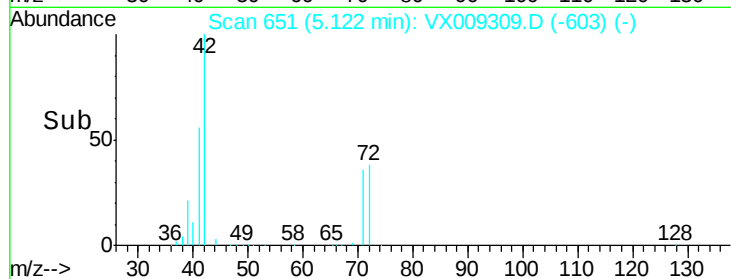
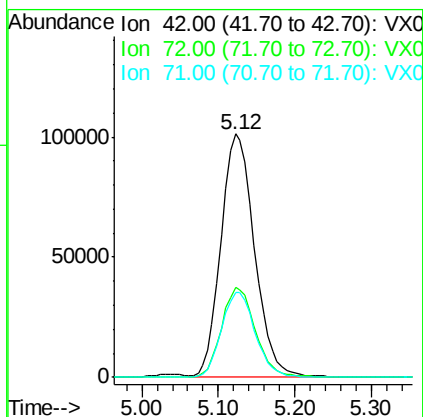
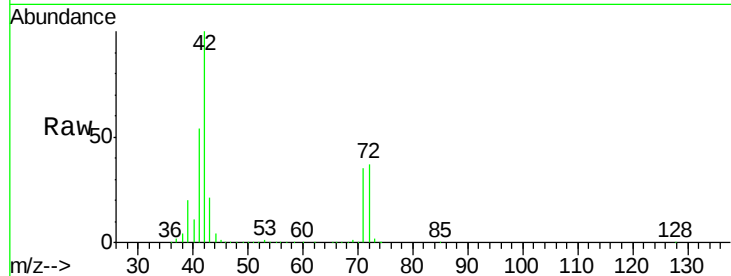




#29
Tetrahydrofuran
Concen: 227.625 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

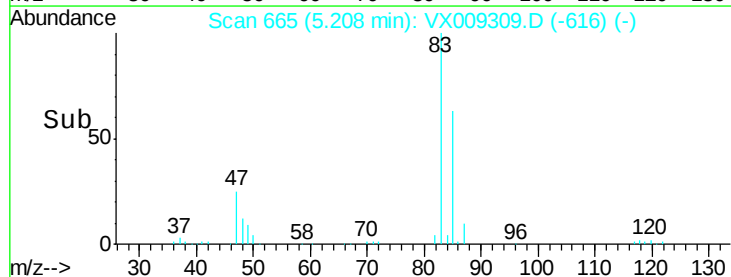
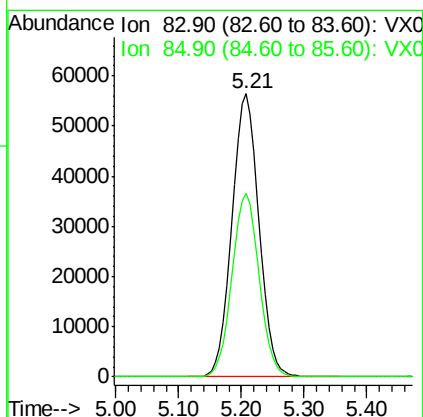
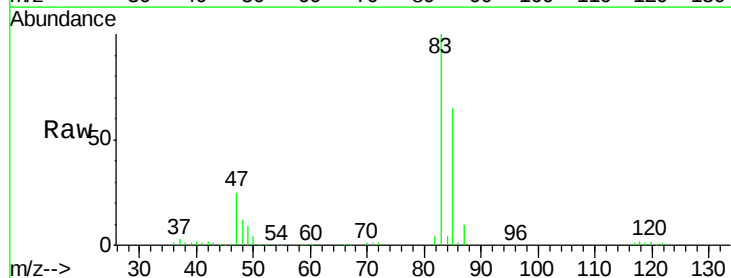
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

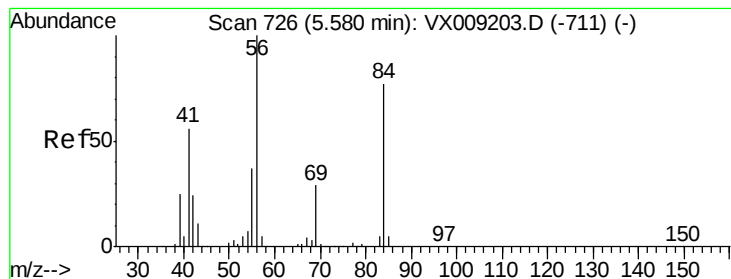
Tot Ion	Ratio	Lower	Upper
42	100		
72	37.6	30.4	45.6
71	35.3	28.6	43.0



#30
Chloroform
Concen: 46.878 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.5	77.3





#31

Cyclohexane

Concen: 47.611 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

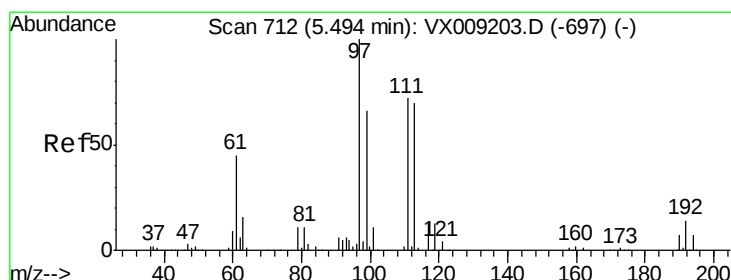
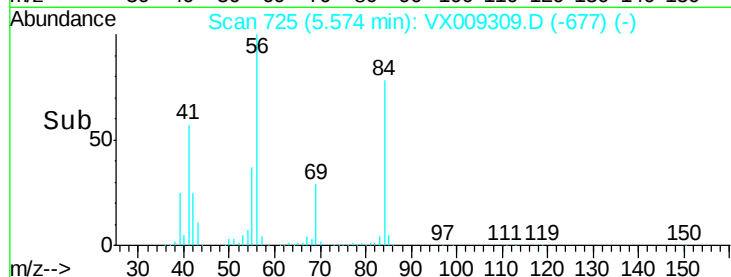
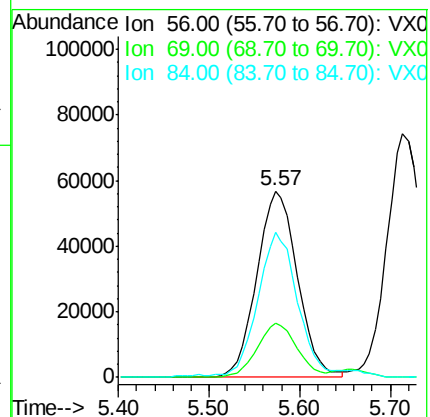
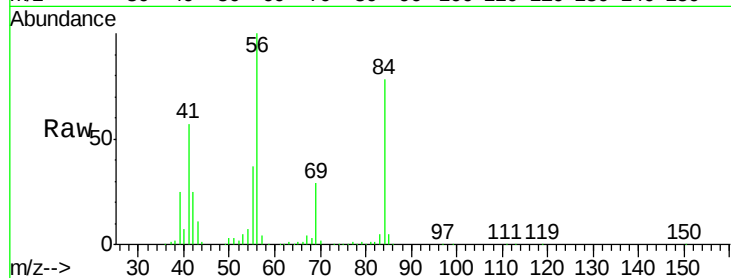
Tot Ion: 56 Resp: 176227

Ion Ratio Lower Upper

56 100

69 28.7 23.4 35.0

84 76.6 61.9 92.9



#32

1,1,1-Trichloroethane

Concen: 46.406 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

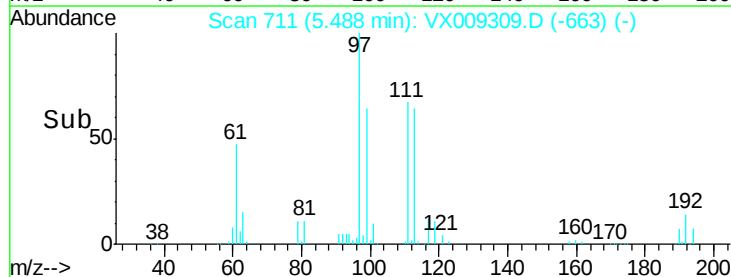
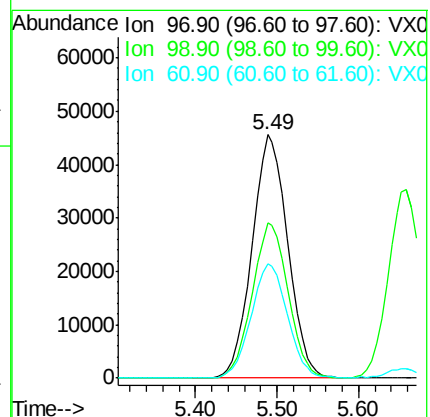
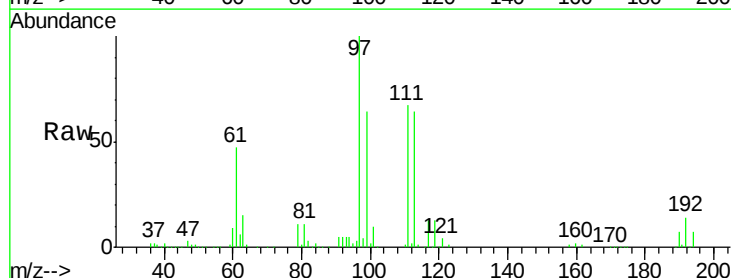
Tgt Ion: 97 Resp: 139004

Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.8

61 48.0 37.8 56.8

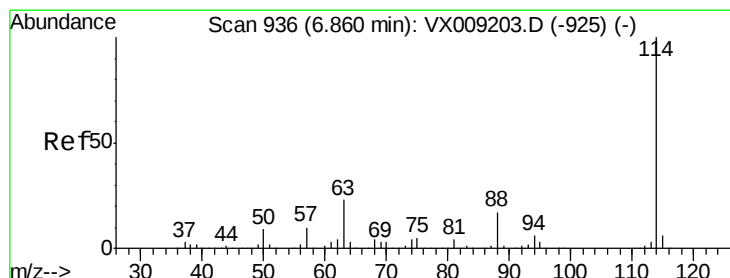
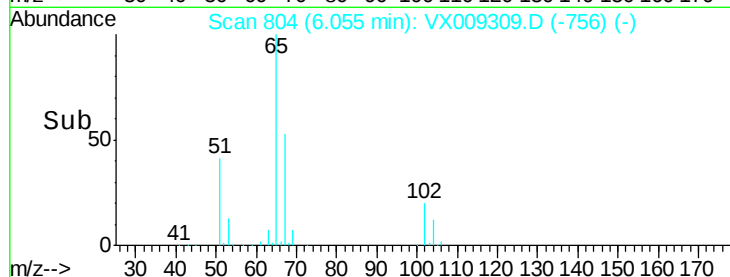
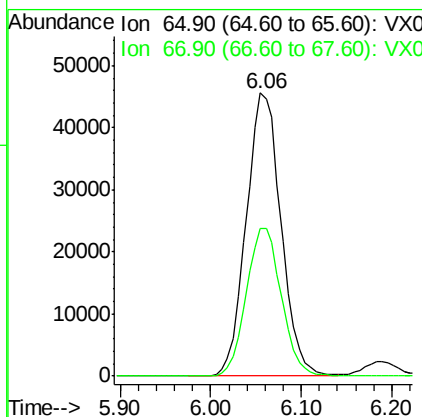
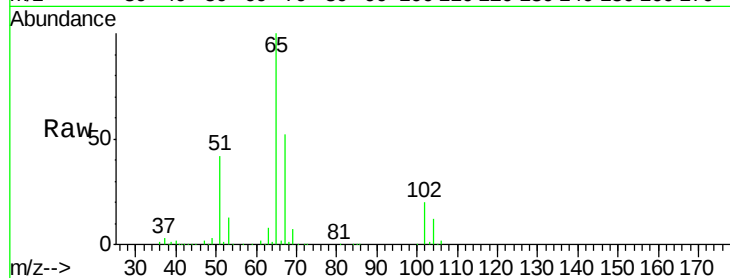




#33
 1,2-Dichloroethane-d4
 Concen: 48.342 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

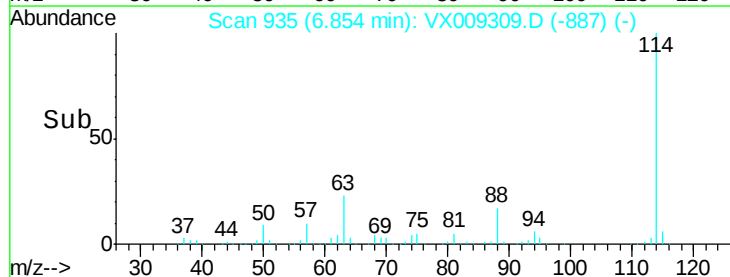
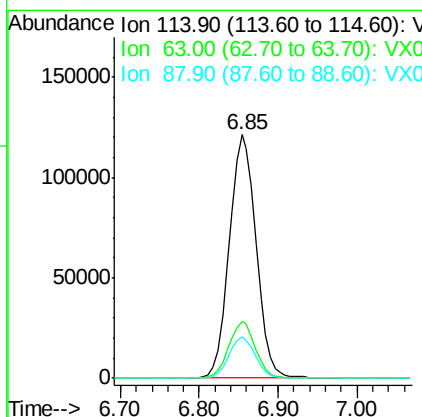
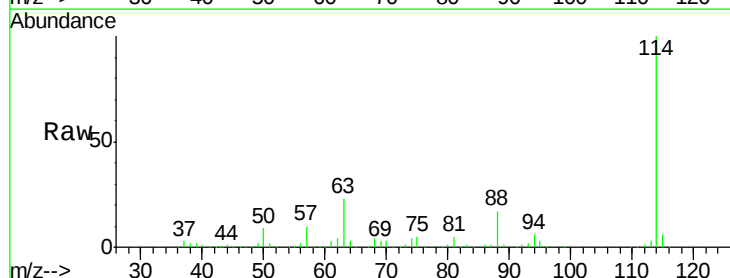
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 121029
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Tgt Ion: 114 Resp: 286388
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.6
 88 17.1 0.0 33.2

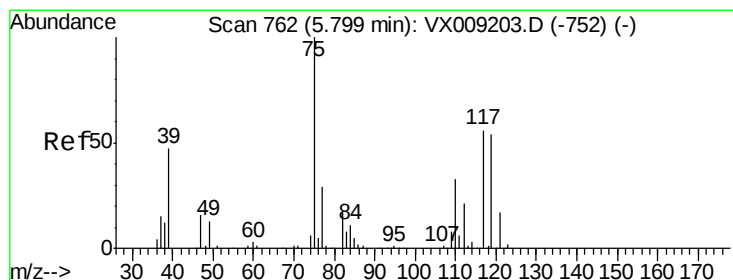
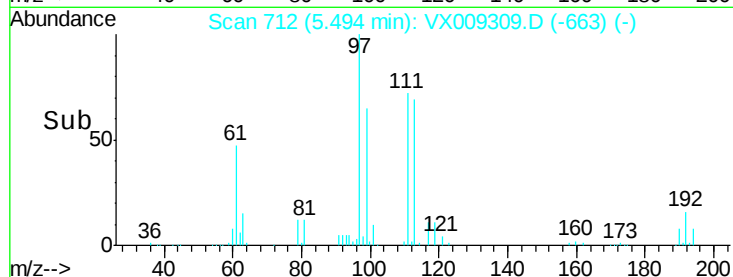
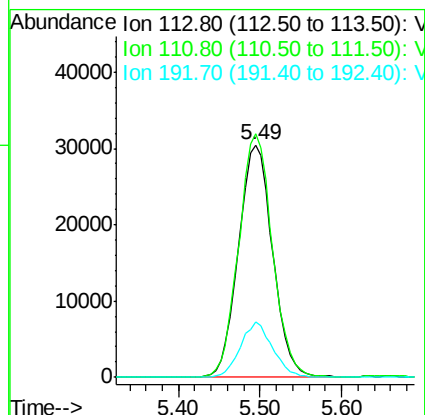
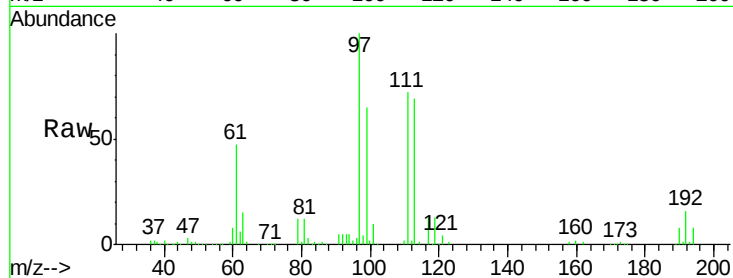




#35
 Dibromofluoromethane
 Concen: 49.177 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

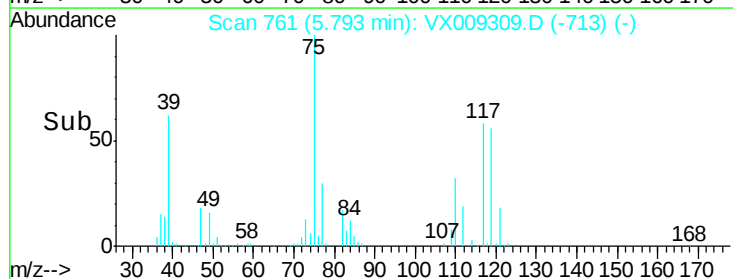
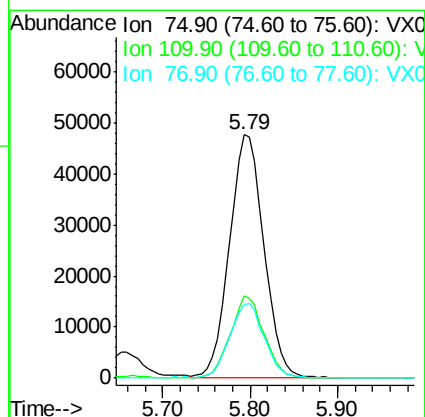
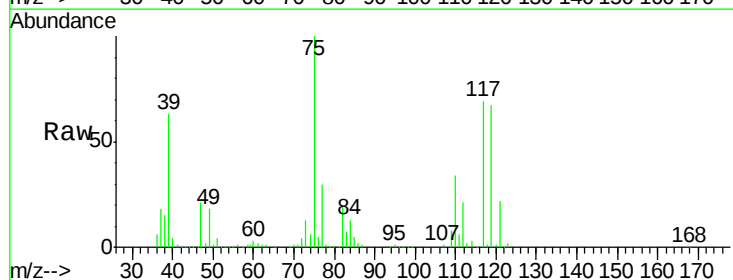
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

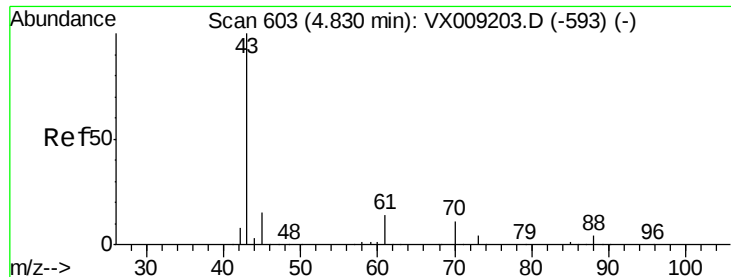
Tot Ion:113 Resp: 88536
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.8 124.2
 192 22.3 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 48.713 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Tgt Ion: 75 Resp: 129646
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.9 50.6
 77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 46.982 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

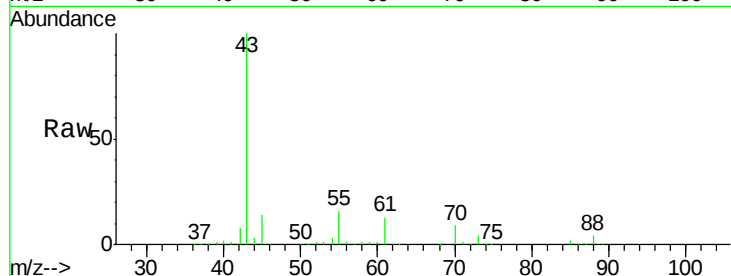
Tot Ion: 43 Resp: 174217

Ion Ratio Lower Upper

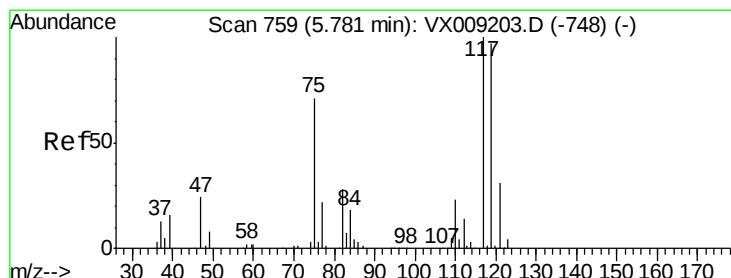
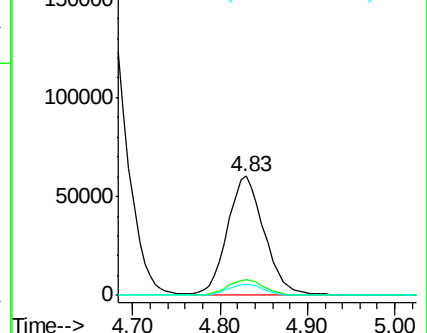
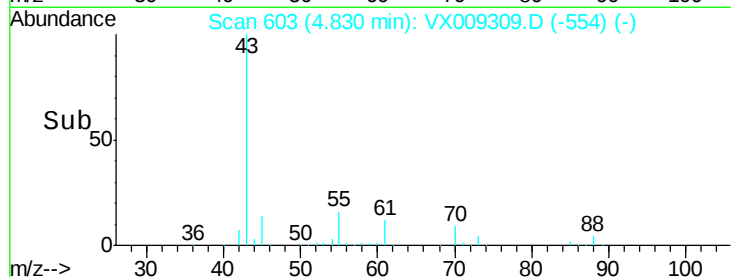
43 100

61 13.2 10.5 15.7

70 9.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009309.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 48.094 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

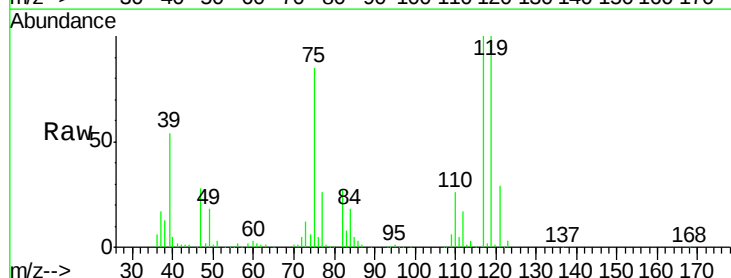
Tgt Ion: 117 Resp: 116295

Ion Ratio Lower Upper

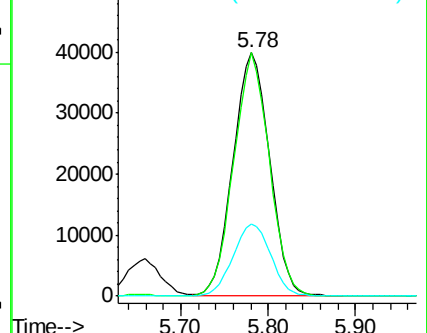
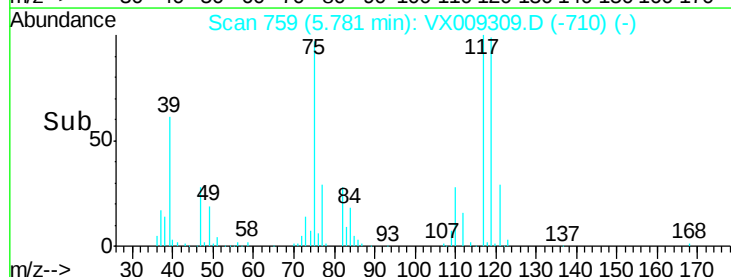
117 100

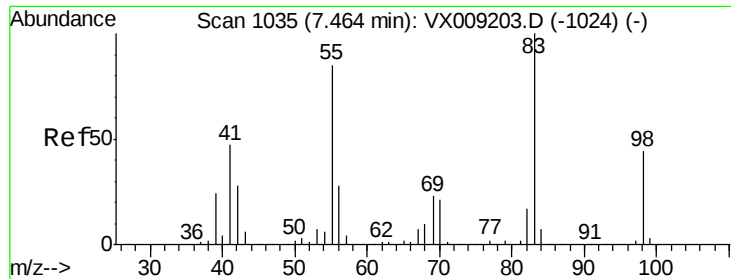
119 99.7 77.5 116.3

121 29.4 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VX009309.D (-710) (-)

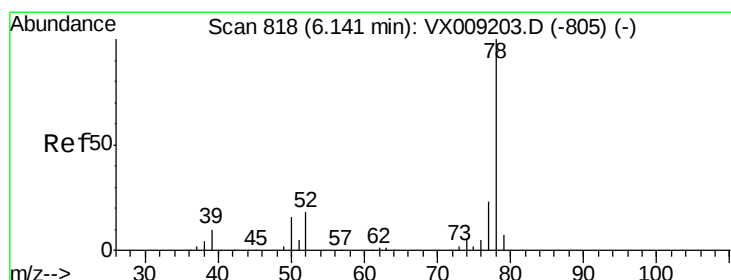
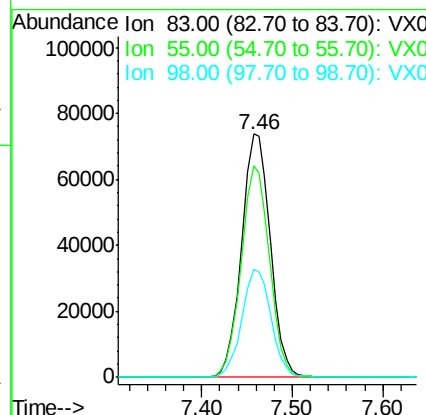
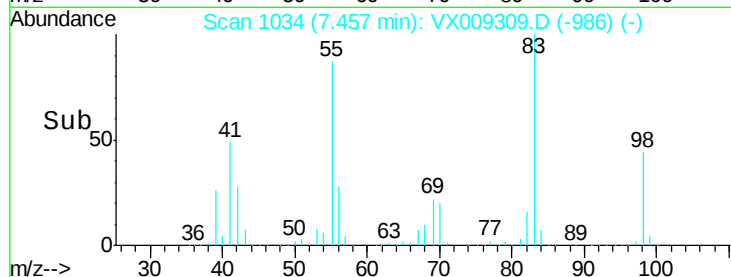
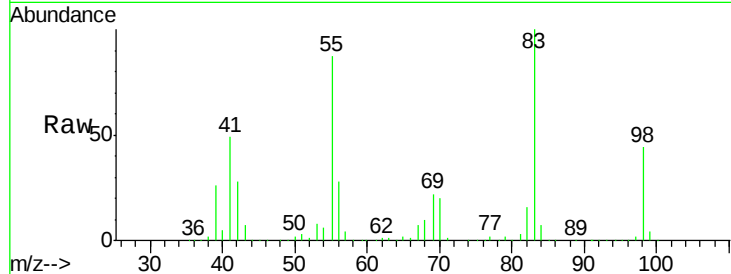




#39
Methvlcvclohexane
Concen: 49.675 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

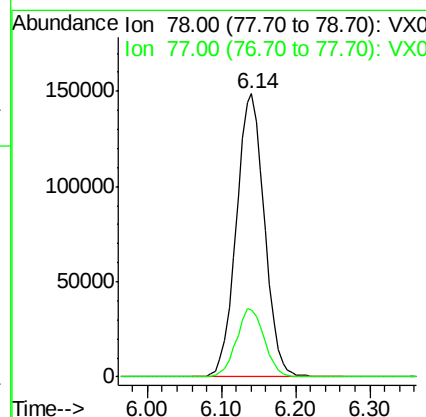
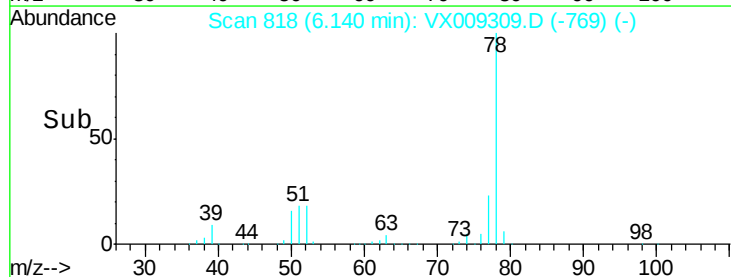
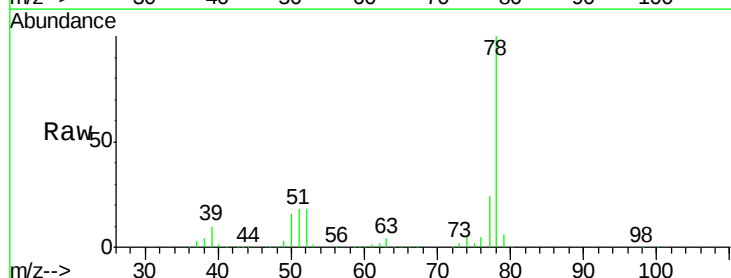
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 162363
Ion Ratio Lower Upper
83 100
55 86.8 67.7 101.5
98 44.3 35.5 53.3



#40
Benzene
Concen: 47.769 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Tgt Ion: 78 Resp: 393462
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2





#41

Methacrylonitrile

Concen: 45.852 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 101212

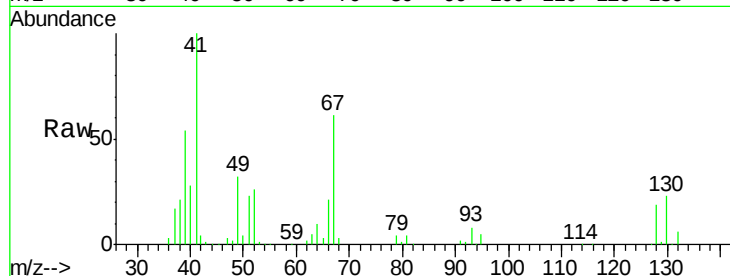
Ion Ratio Lower Upper

41 100

39 53.0 42.0 63.0

67 63.4 49.8 74.8

52 27.1 20.3 30.5

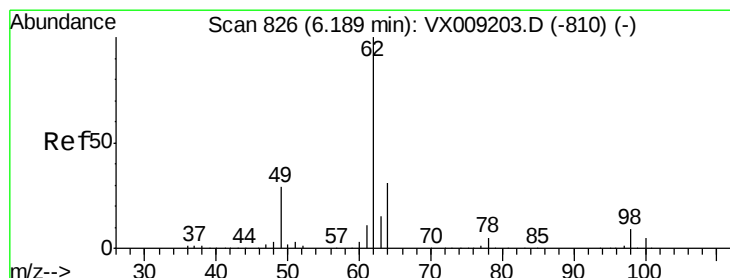
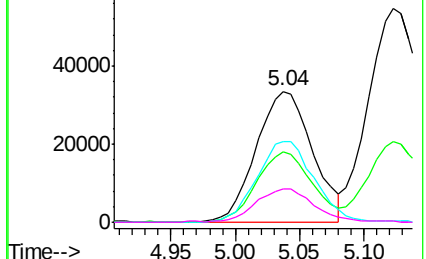
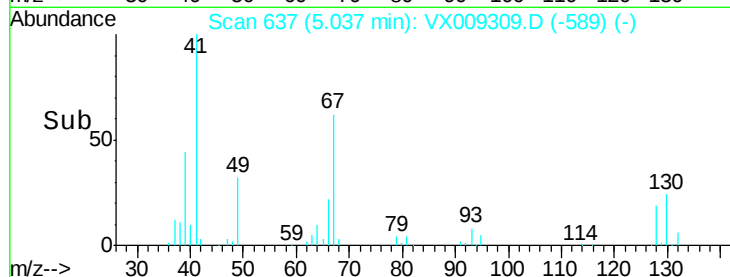


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.428 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX009309.D

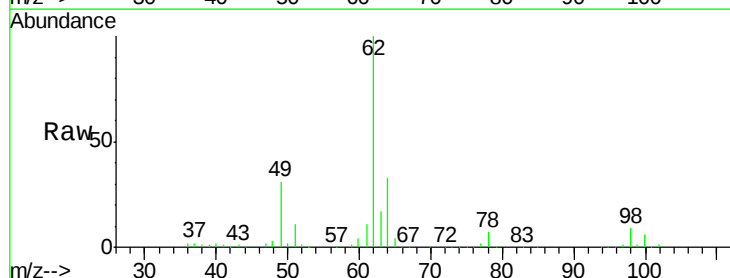
Acq: 03 May 2019 14:40

Tgt Ion: 62 Resp: 143088

Ion Ratio Lower Upper

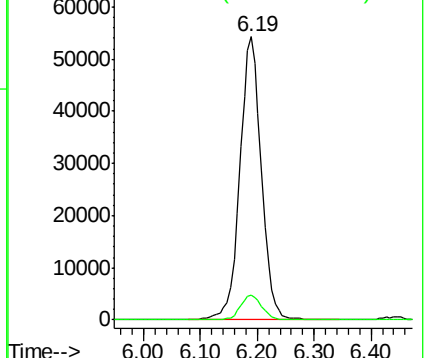
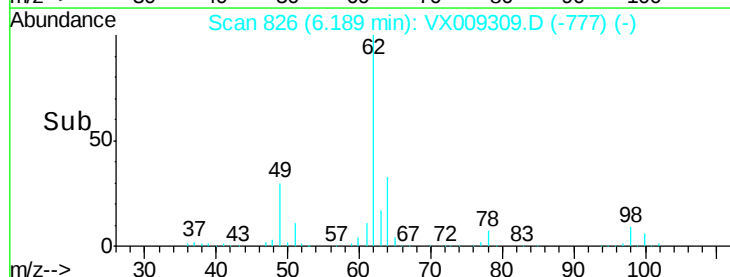
62 100

98 8.8 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



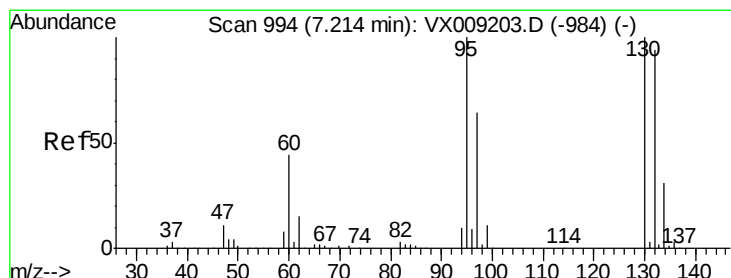
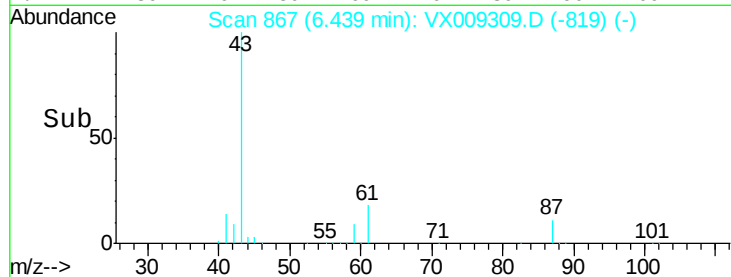
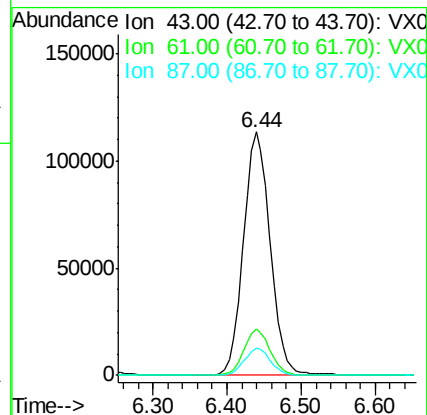
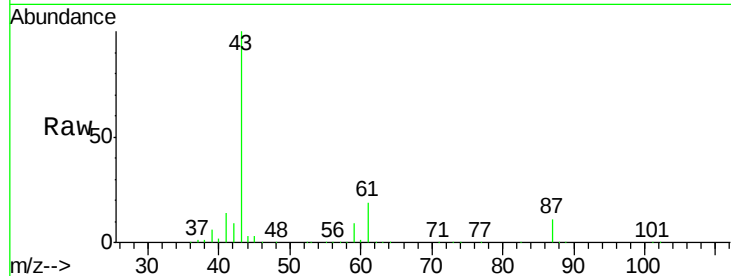


#43

Isopropyl Acetate
 Concen: 48.019 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

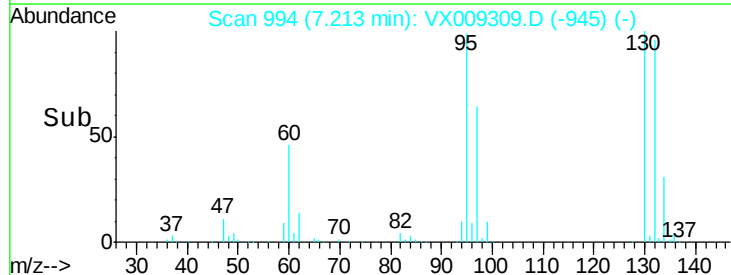
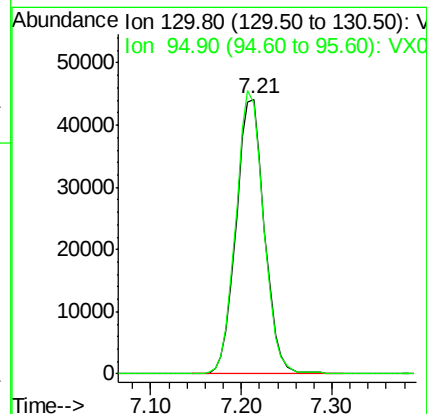
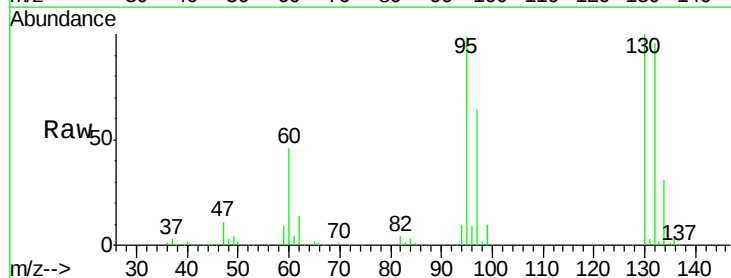
Tot Ion: 43 Resp: 284820
 Ion Ratio Lower Upper
 43 100
 61 18.7 15.1 22.7
 87 11.1 9.0 13.6

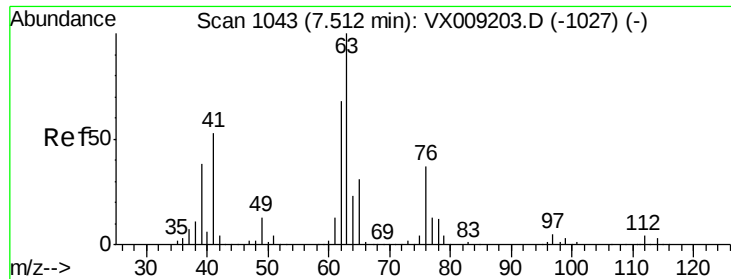


#44

Trichloroethene
 Concen: 47.991 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Tgt Ion:130 Resp: 95562
 Ion Ratio Lower Upper
 130 100
 95 98.5 0.0 199.2

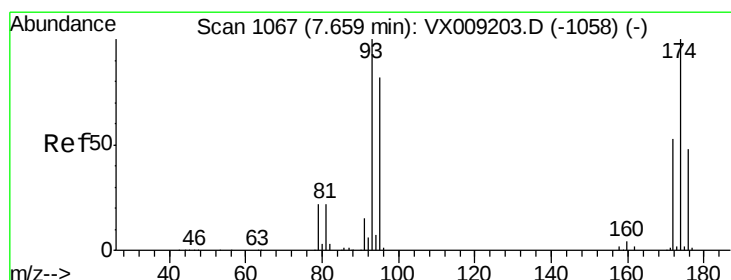
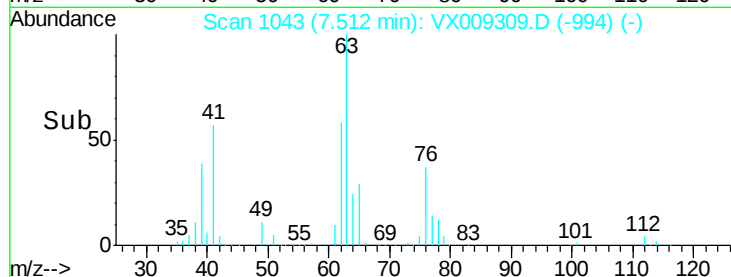
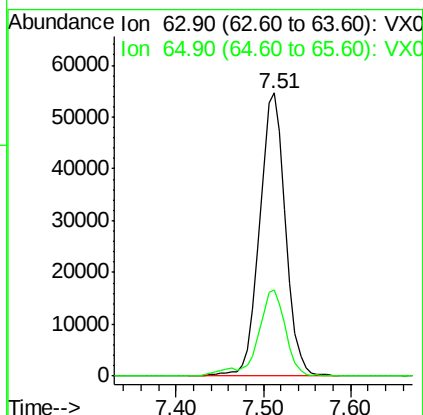
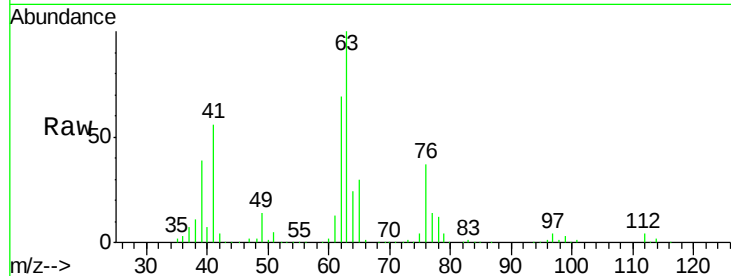




#45
 1,2-Dichloropropane
 Concen: 48.460 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

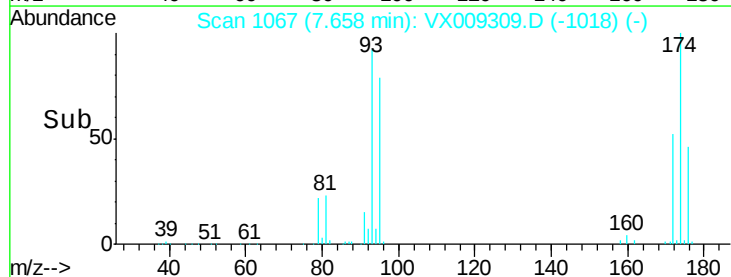
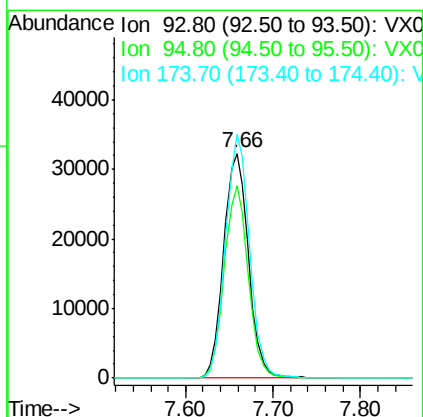
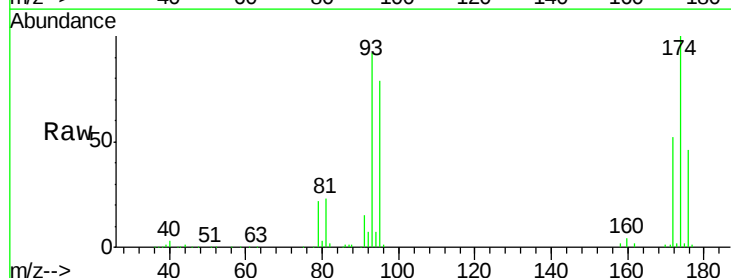
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

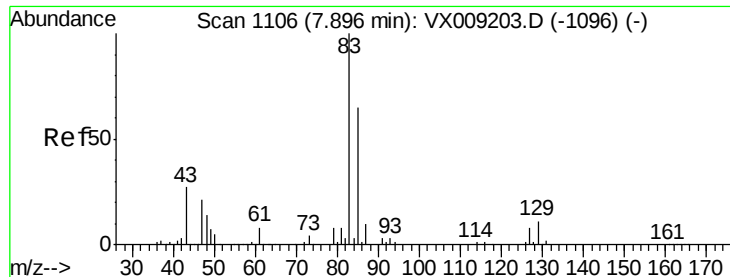
Tot Ion: 63 Resp: 113024
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6



#46
 Dibromomethane
 Concen: 46.781 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Tgt Ion: 93 Resp: 63360
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.5 99.7
 174 105.3 82.1 123.1





#47

Bromodichloromethane

Concen: 48.483 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

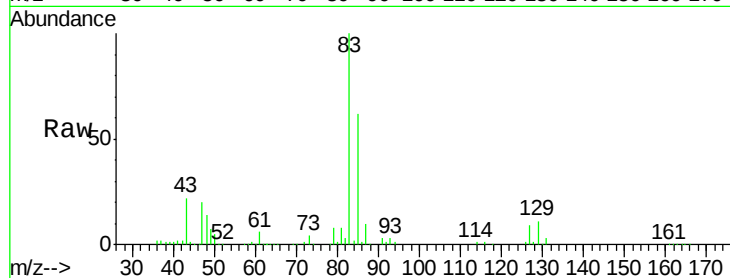
Tot Ion: 83 Resp: 130984

Ion Ratio Lower Upper

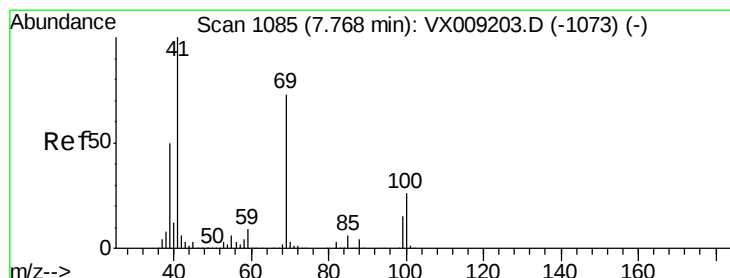
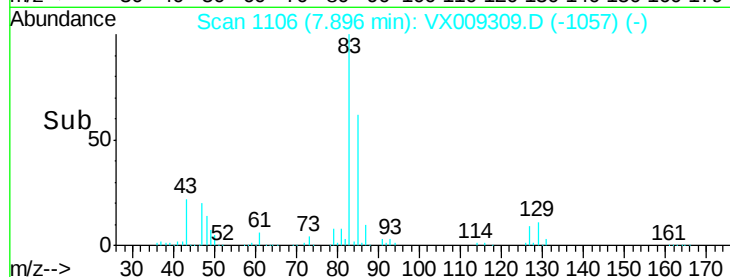
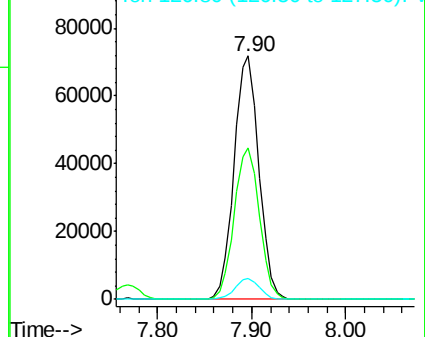
83 100

85 62.1 52.4 78.6

127 8.5 6.6 10.0



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: 48.609 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

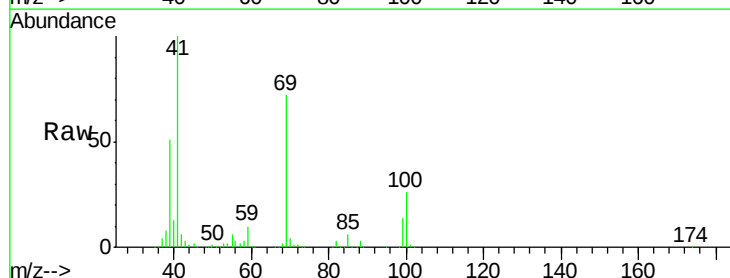
Tgt Ion: 41 Resp: 143042

Ion Ratio Lower Upper

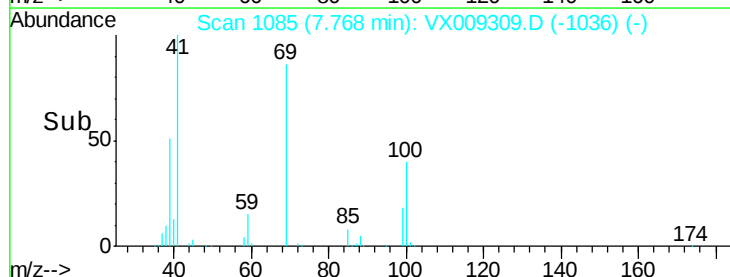
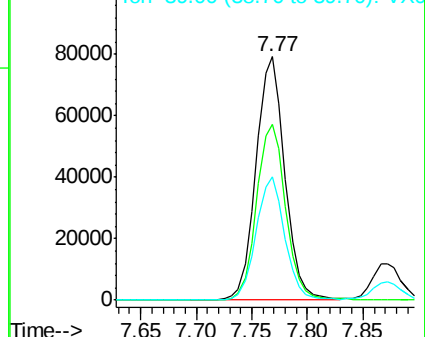
41 100

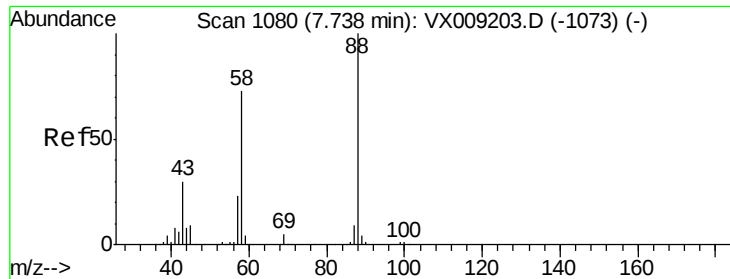
69 73.6 59.1 88.7

39 50.2 40.4 60.6



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

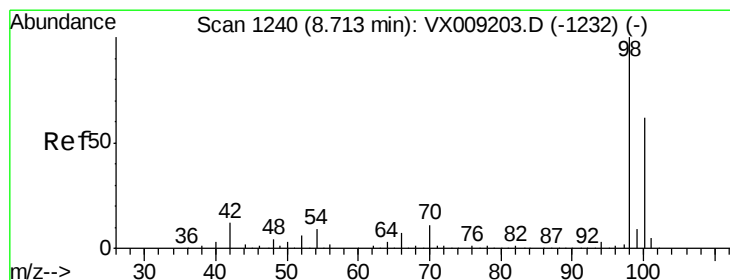
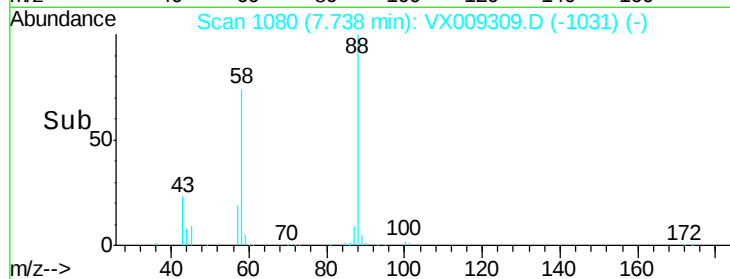
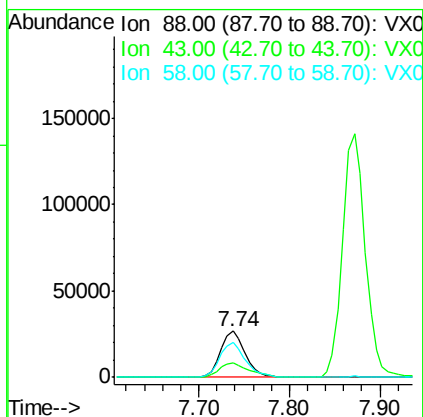
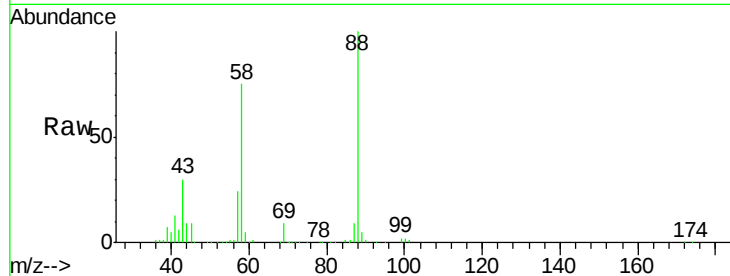




#49
1,4-Dioxane
Concen: 864.823 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

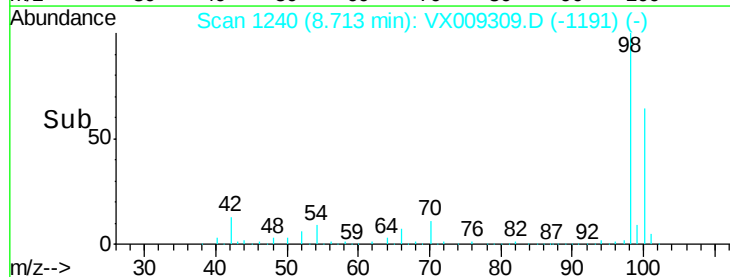
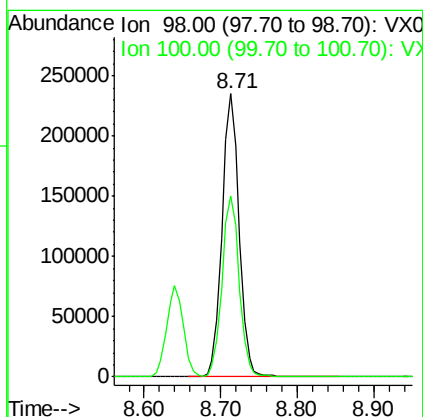
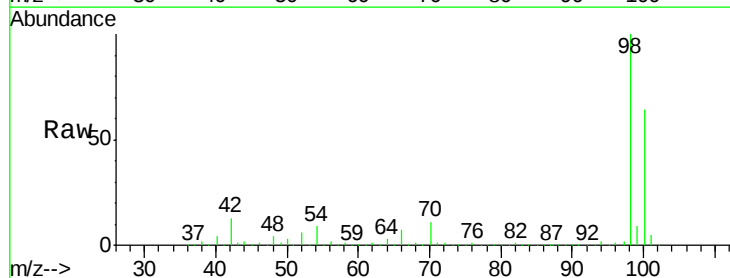
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 51611
Ion Ratio Lower Upper
88 100
43 36.5 28.6 42.8
58 78.0 61.7 92.5



#50
Toluene-d8
Concen: 49.857 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Tgt Ion: 98 Resp: 362387
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 238.964 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

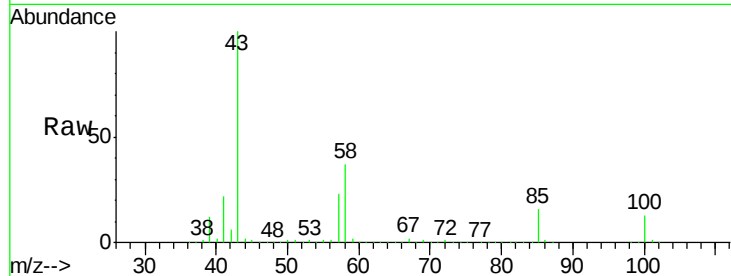
VSTDCCC050

Tot Ion: 43 Resp: 926442

Ion Ratio Lower Upper

43 100

58 36.8 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

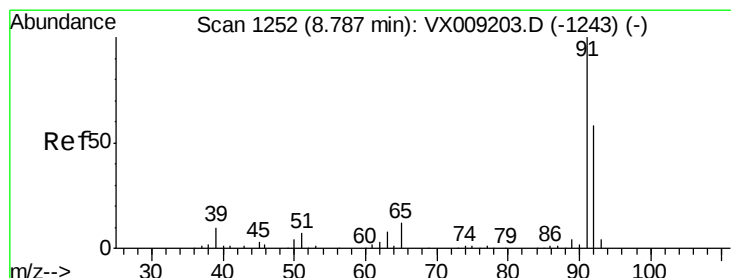
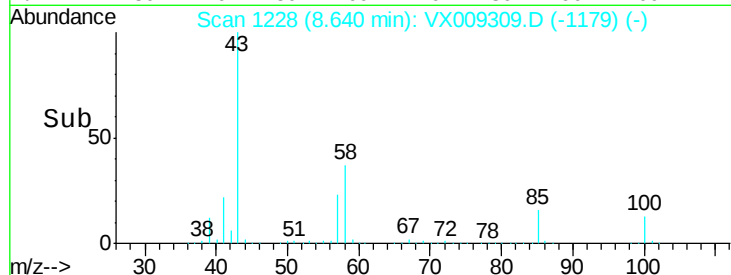
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.253 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009309.D

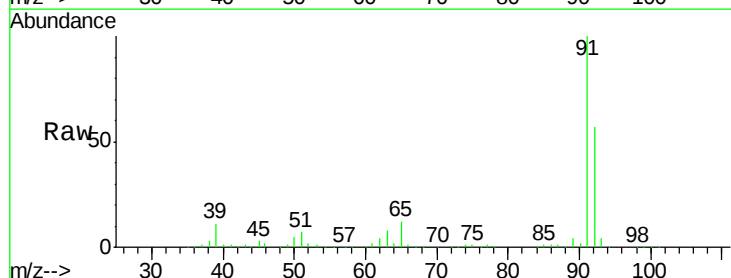
Acq: 03 May 2019 14:40

Tgt Ion: 92 Resp: 241597

Ion Ratio Lower Upper

92 100

91 172.4 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

250000

200000

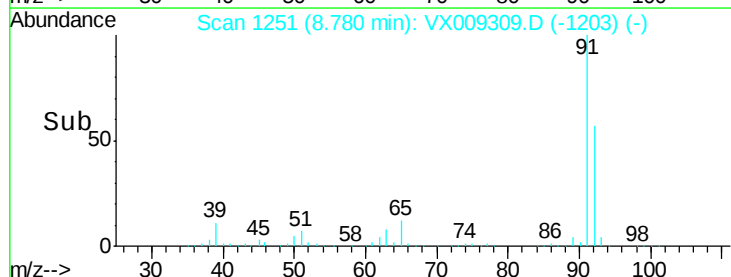
150000

100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.309 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

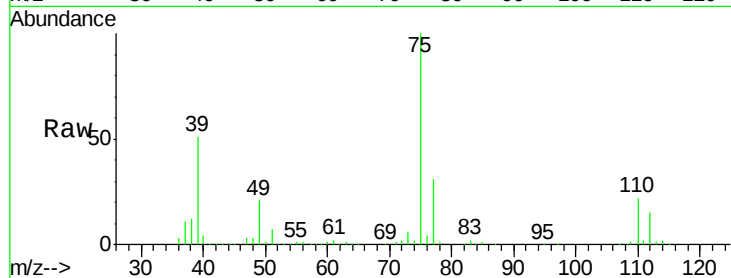
VSTDCCC050

Tot Ion: 75 Resp: 153452

Ion Ratio Lower Upper

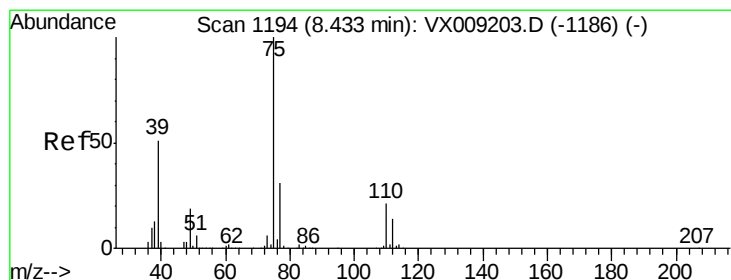
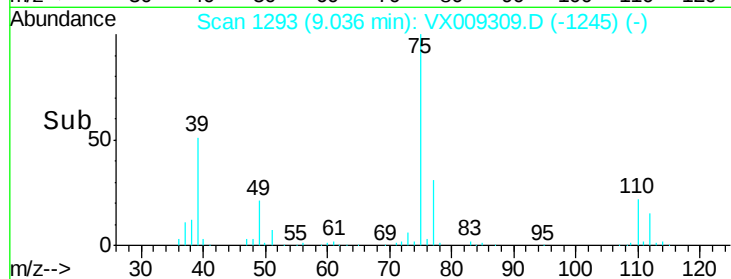
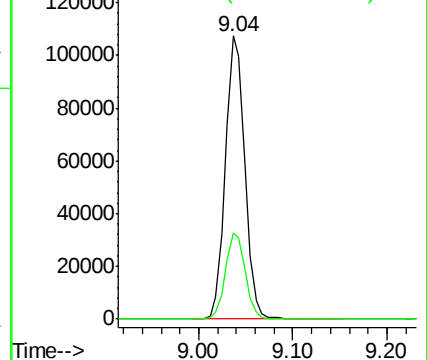
75 100

77 30.7 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.712 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

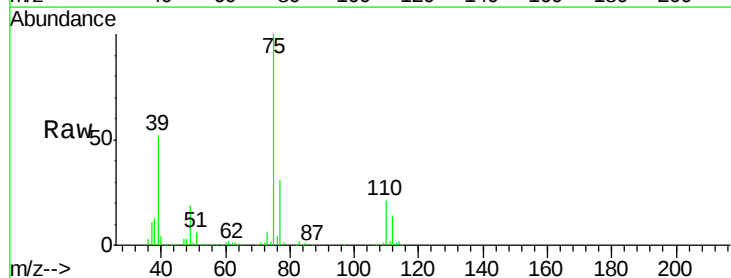
Tgt Ion: 75 Resp: 167832

Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

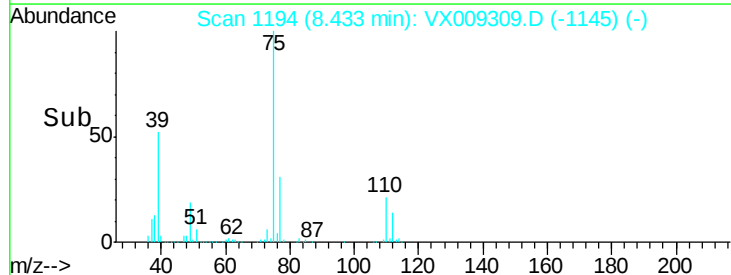
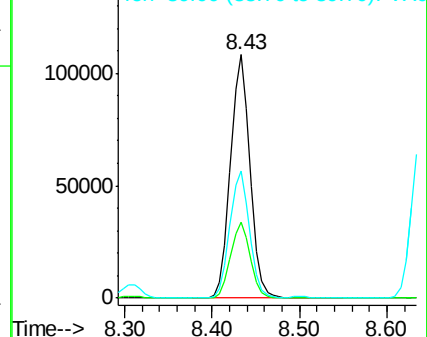
39 52.2 40.6 60.8

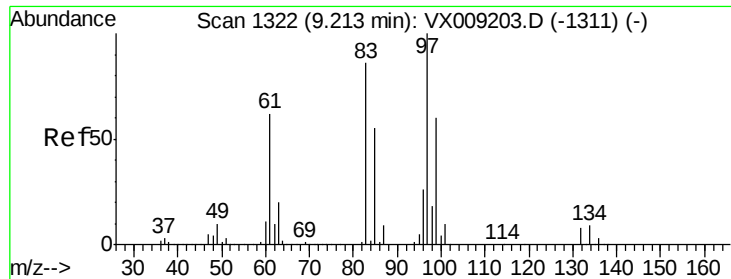


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

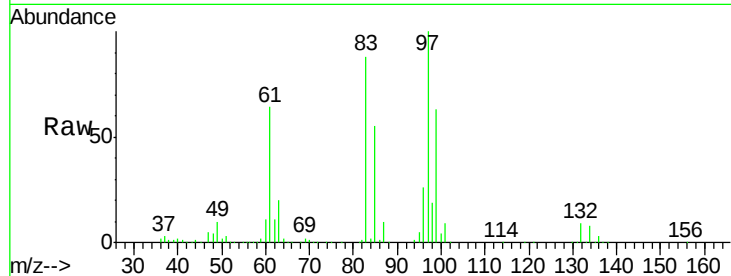




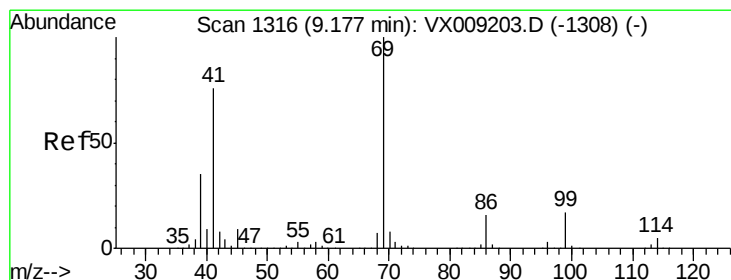
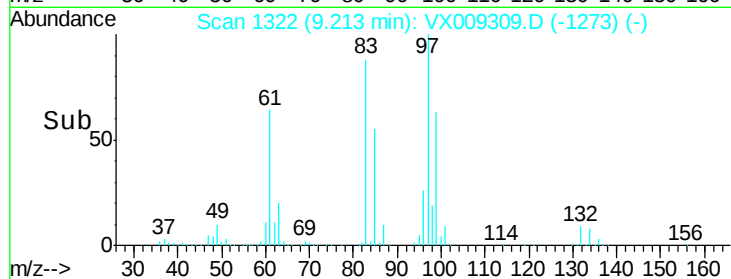
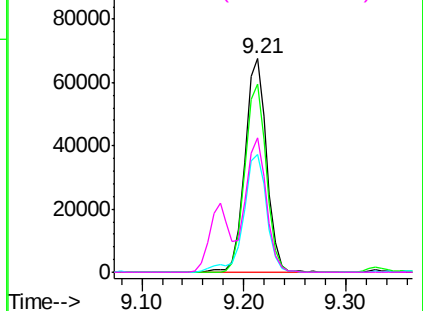
#55
 1,1,2-Trichloroethane
 Concen: 48.518 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 99106
 Ion Ratio Lower Upper
 97 100
 83 88.2 68.9 103.3
 85 55.3 43.8 65.6
 99 62.8 48.2 72.2

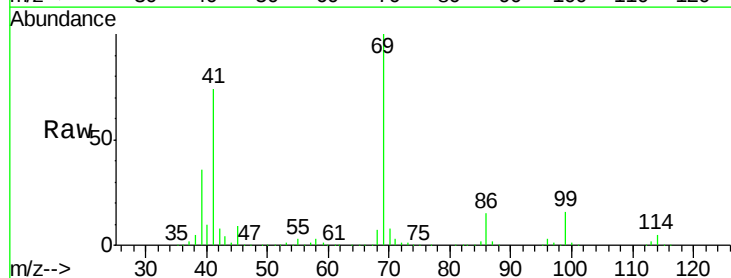


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

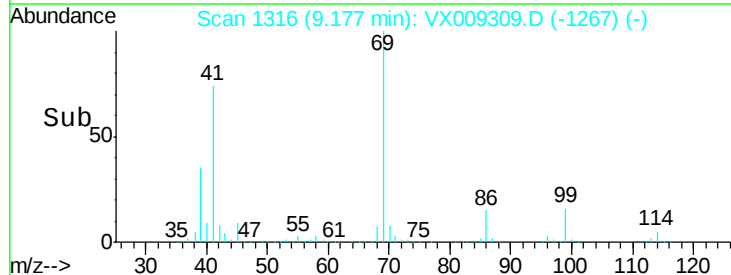
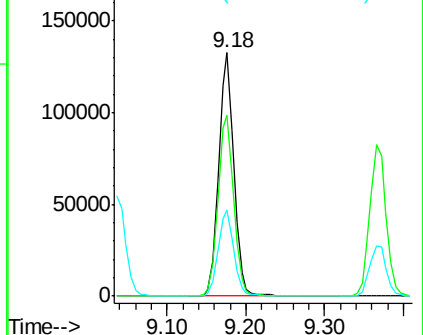


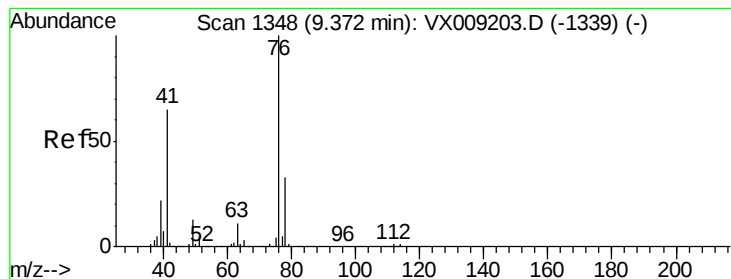
#56
 Ethyl methacrylate
 Concen: 48.952 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Tgt Ion: 69 Resp: 178493
 Ion Ratio Lower Upper
 69 100
 41 76.5 60.6 90.8
 39 36.2 28.2 42.4



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: 48.136 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

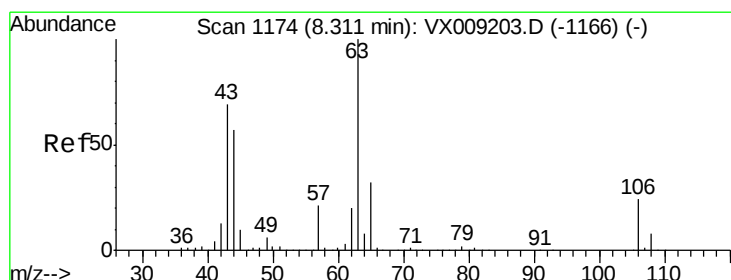
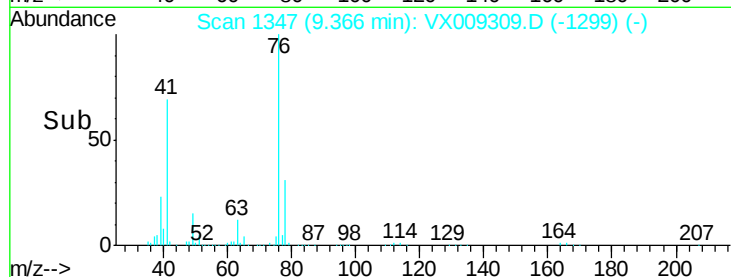
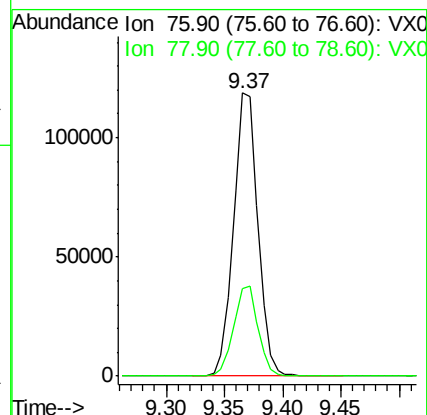
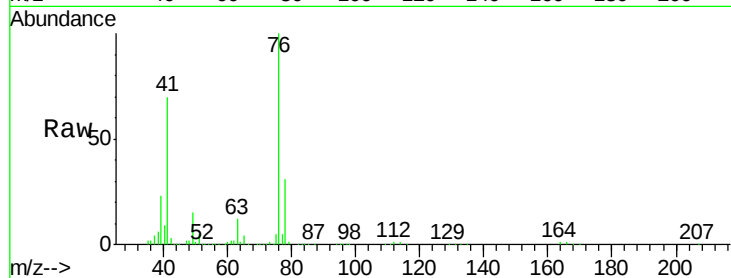
VSTDCCC050

Tot Ion: 76 Resp: 173029

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 245.498 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009309.D

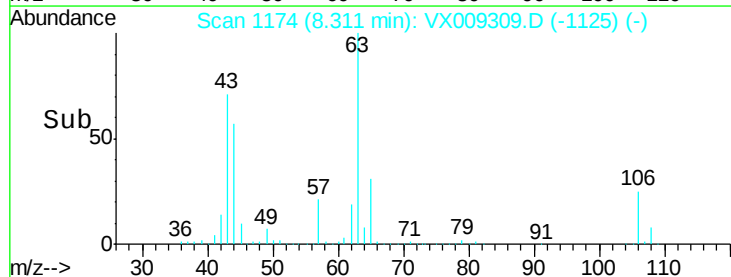
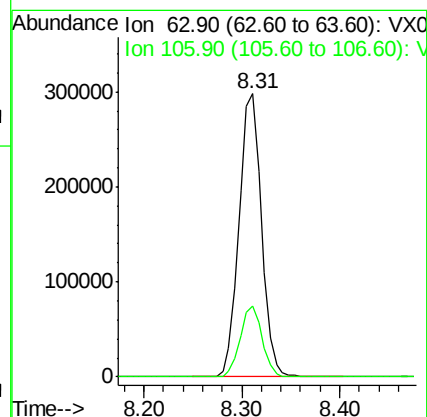
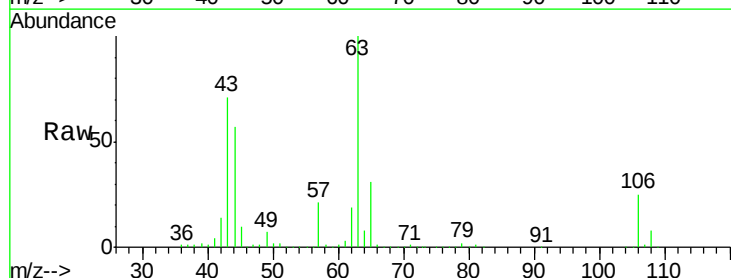
Acq: 03 May 2019 14:40

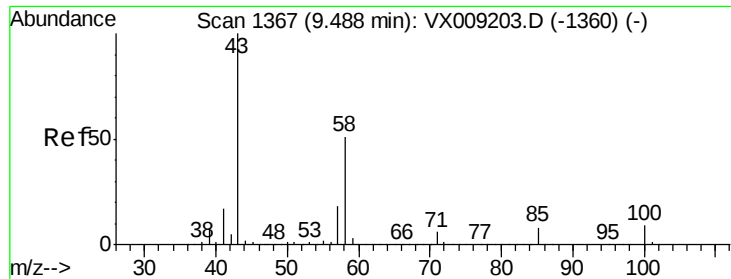
Tgt Ion: 63 Resp: 474875

Ion Ratio Lower Upper

63 100

106 24.8 19.7 29.5

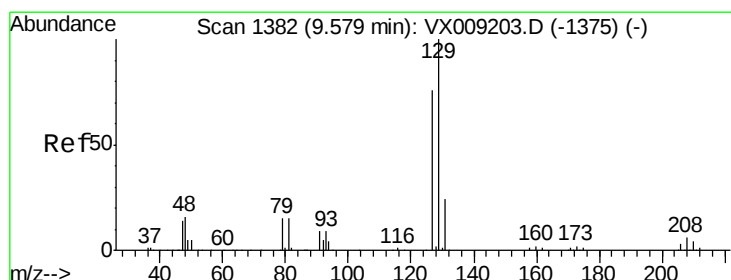
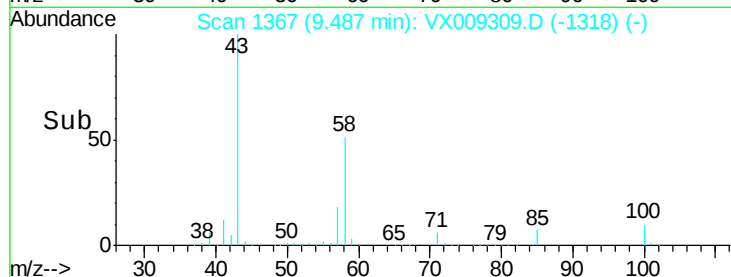
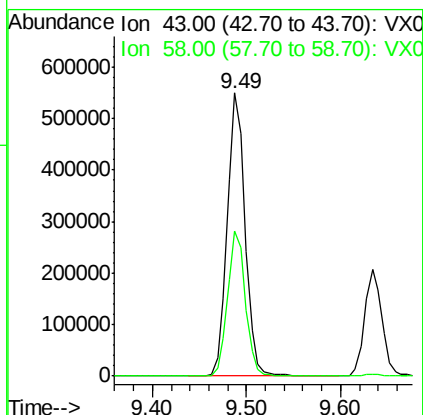
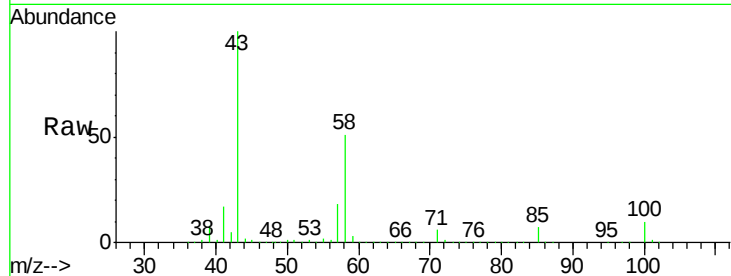




#59
2-Hexanone
Concen: 237.694 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

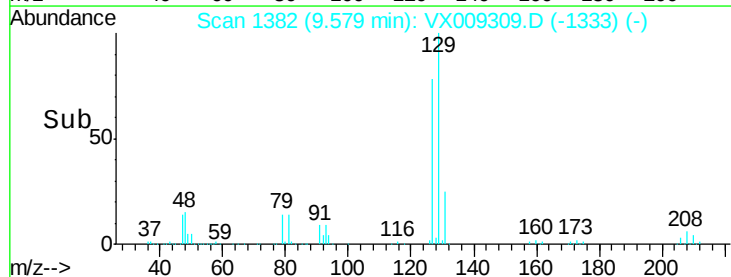
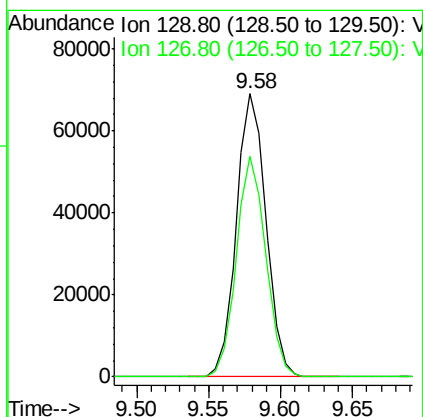
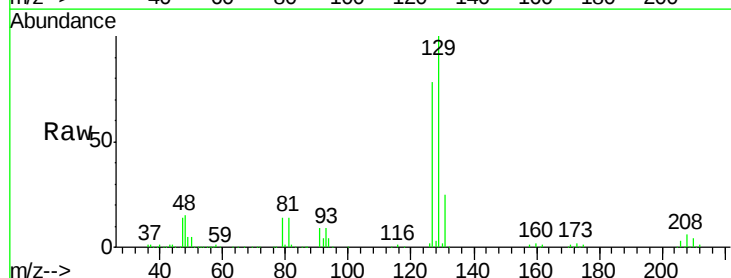
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

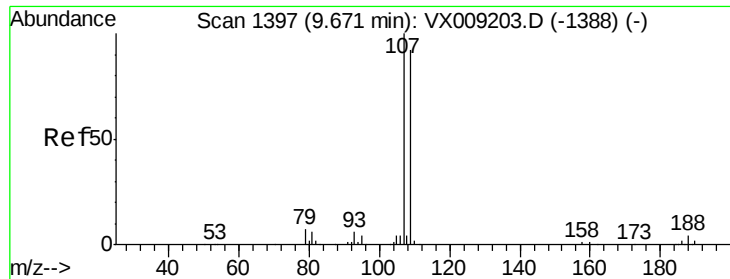
Tot Ion: 43 Resp: 723749
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.7



#60
Dibromochloromethane
Concen: 49.661 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Tgt Ion: 129 Resp: 99075
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 48.637 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

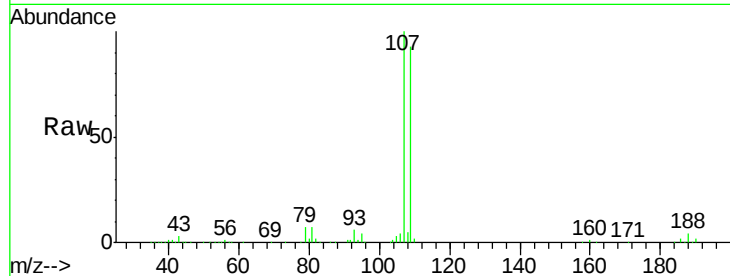
VSTDCCC050

Tot Ion:107 Resp: 100287

Ion Ratio Lower Upper

107 100

109 92.8 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

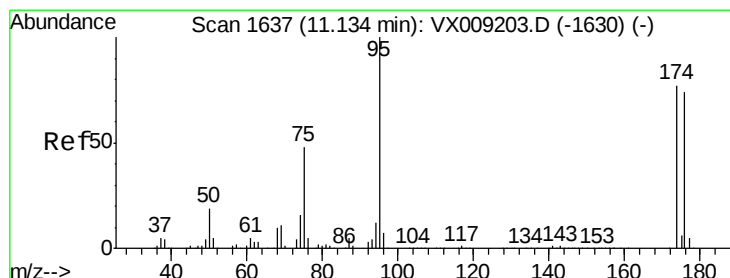
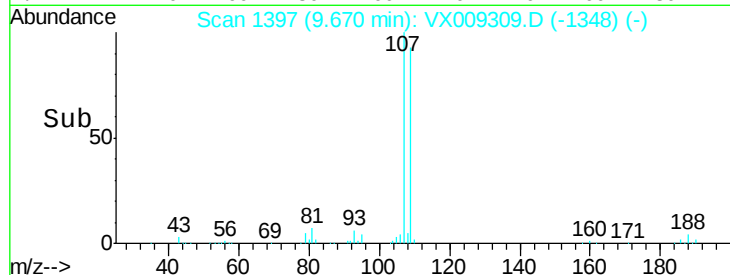
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.805 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

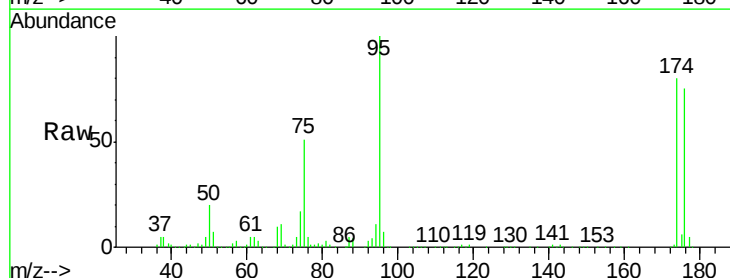
Tgt Ion: 95 Resp: 134180

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

176 78.2 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

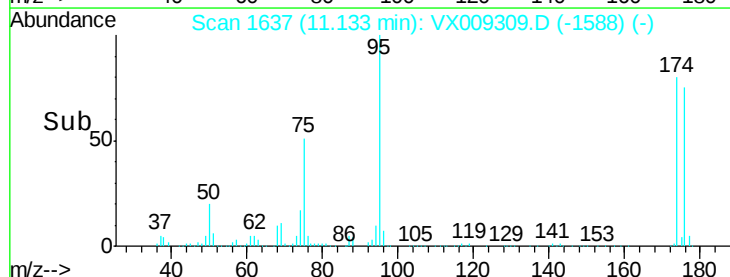
100000

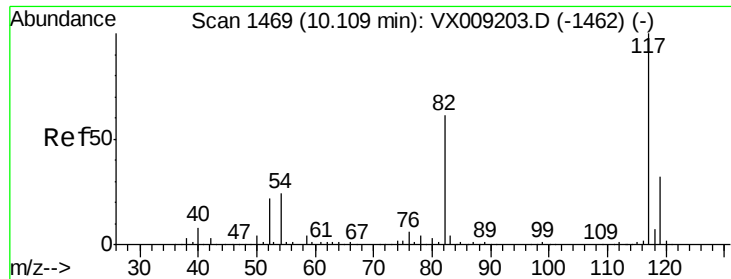
50000

0

11.10 11.15 11.20

Time-->

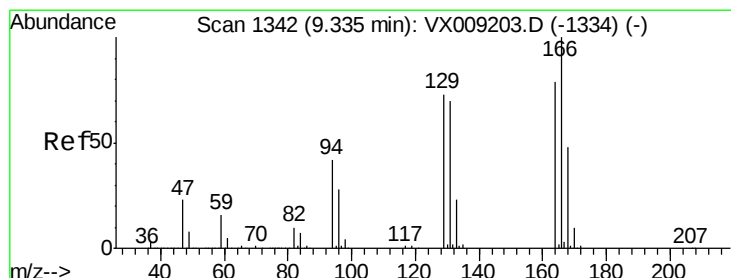
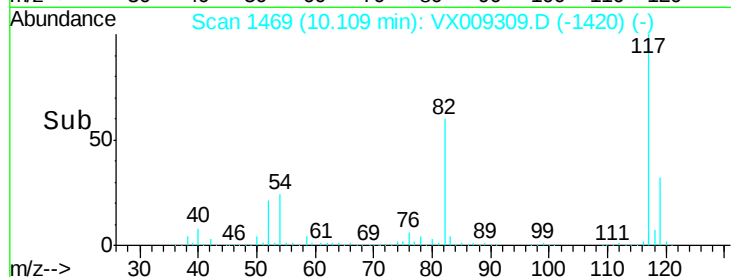
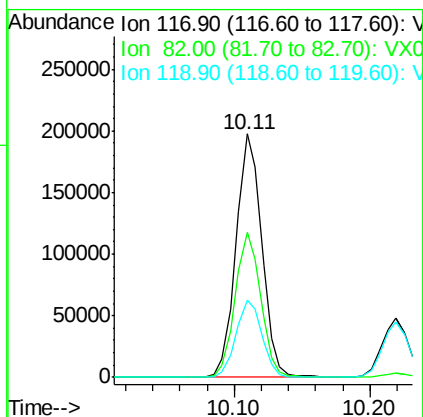
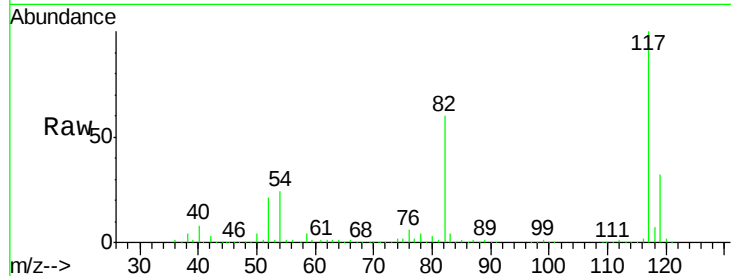




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

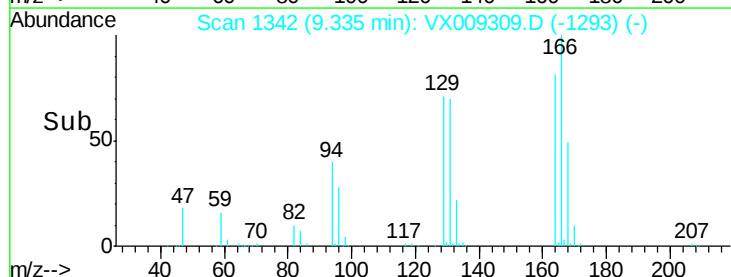
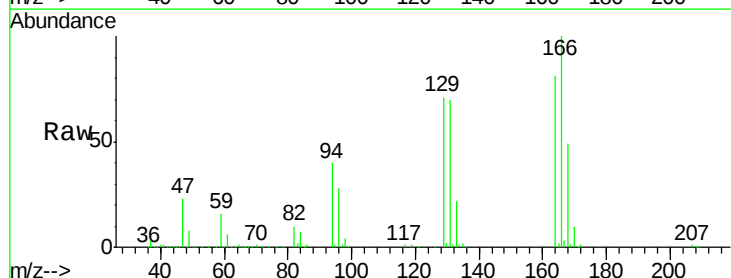
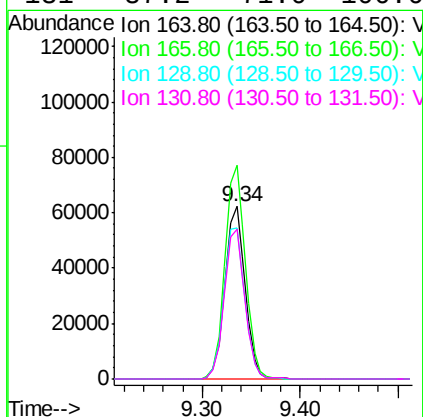
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

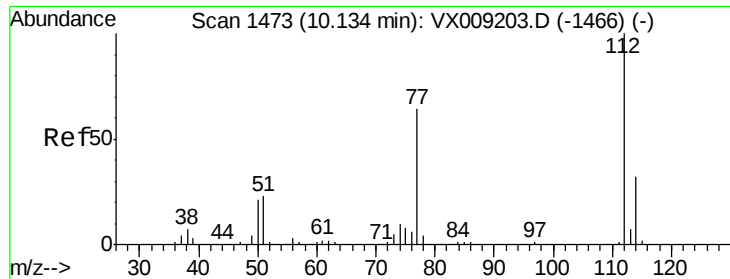
Tot Ion:117 Resp: 260978
Ion Ratio Lower Upper
117 100
82 59.5 48.8 73.2
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 49.895 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Tgt Ion:164 Resp: 89321
Ion Ratio Lower Upper
164 100
166 123.9 101.2 151.8
129 87.6 74.3 111.5
131 87.2 71.0 106.6

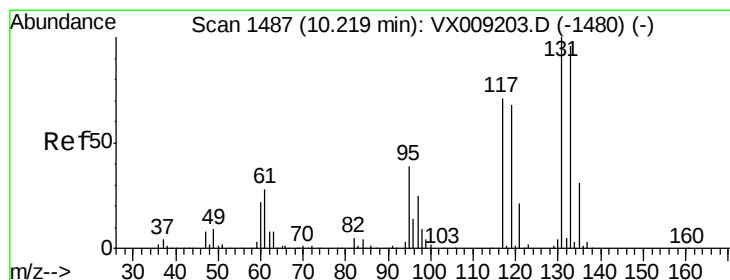
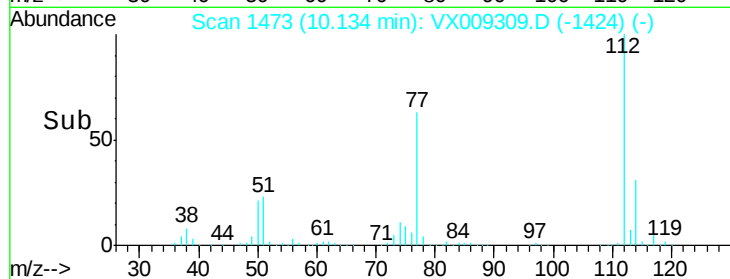
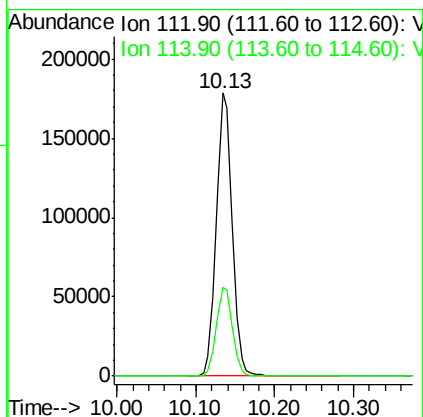
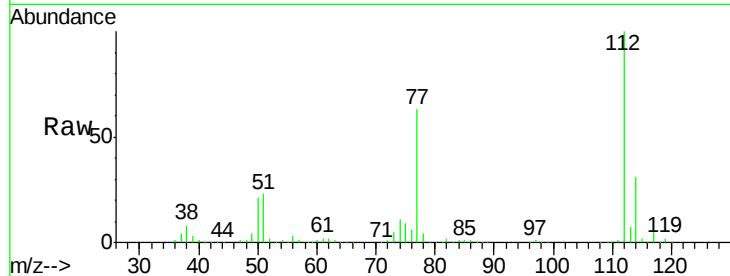




#65
Chlorobenzene
Concen: 48.116 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

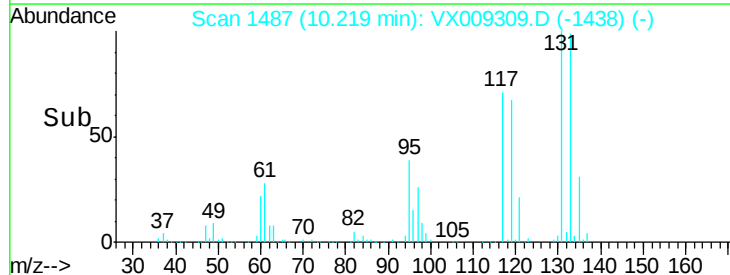
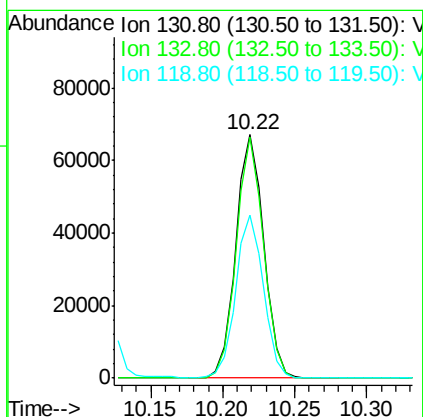
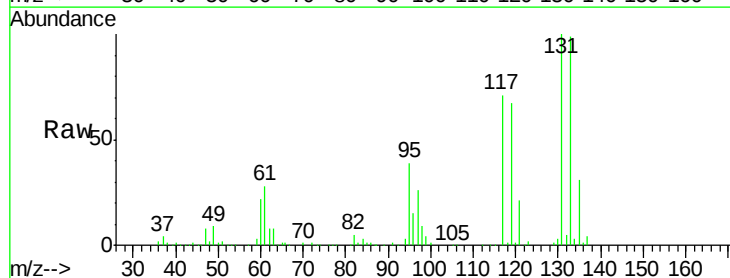
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

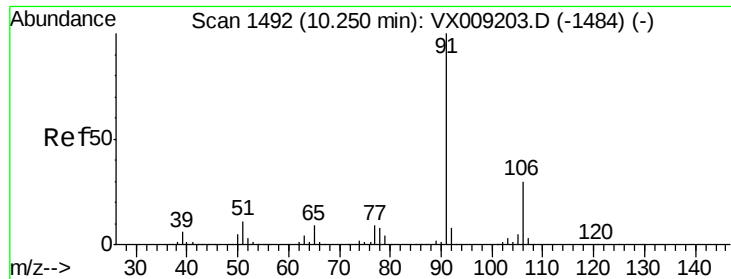
Tot Ion:112 Resp: 251201
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 47.969 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Tgt Ion:131 Resp: 90793
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 66.6 33.5 100.4

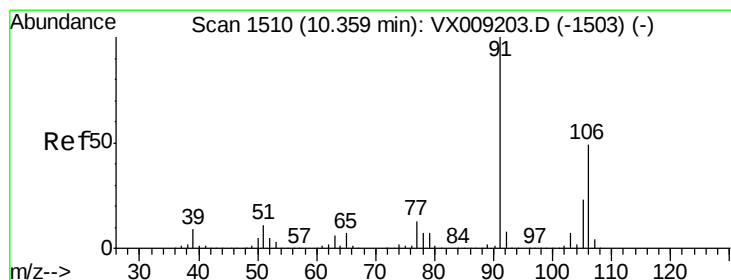
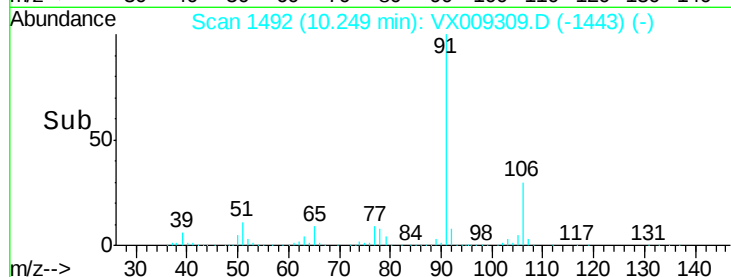
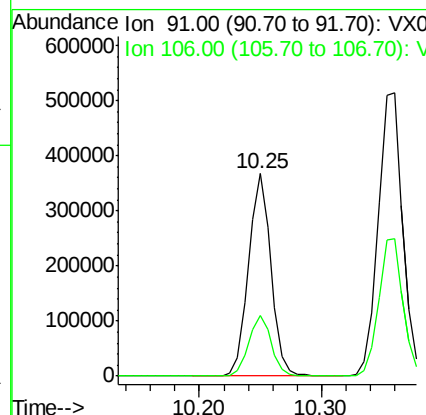
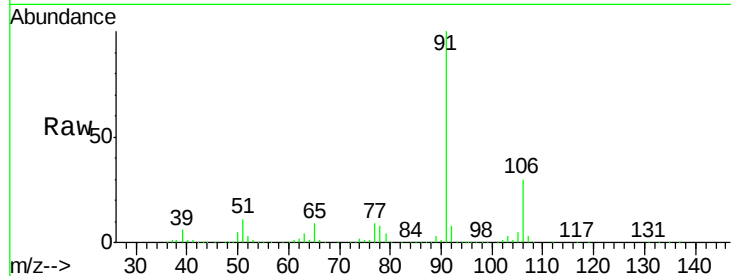




#67
Ethyl Benzene
Concen: 48.657 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

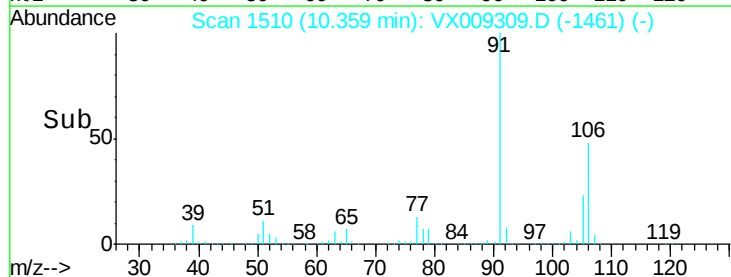
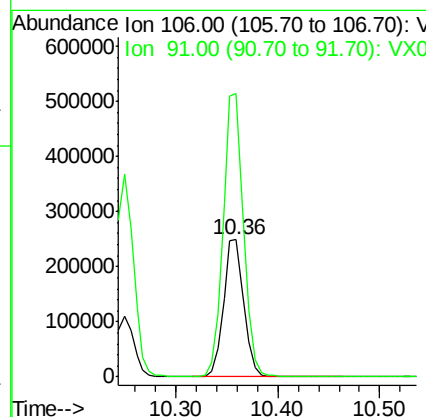
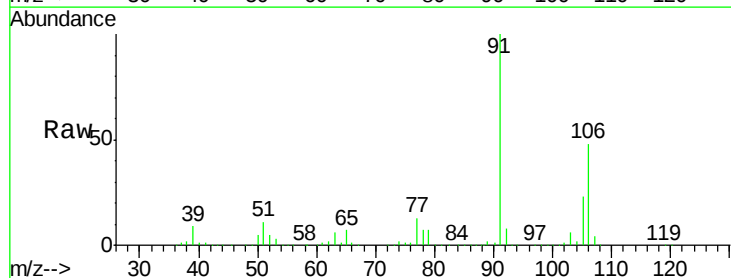
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

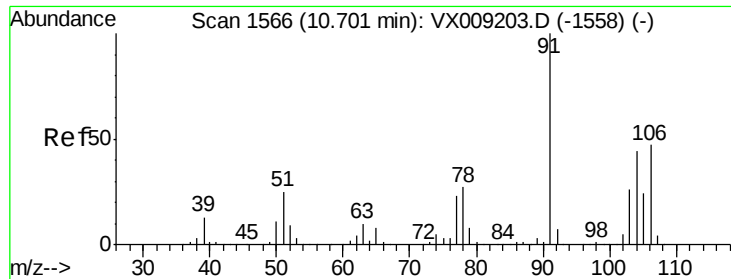
Tot Ion: 91 Resp: 467505
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#68
m/p-Xylenes
Concen: 98.520 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Tgt Ion: 106 Resp: 345914
Ion Ratio Lower Upper
106 100
91 207.7 164.0 246.0

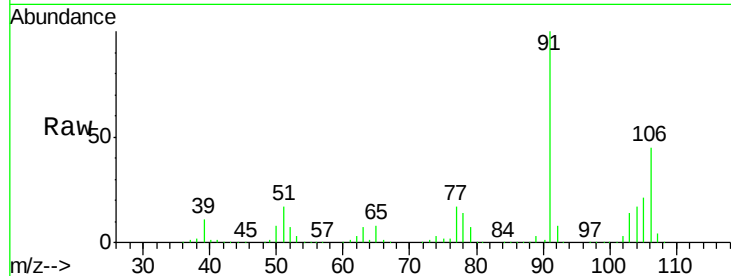




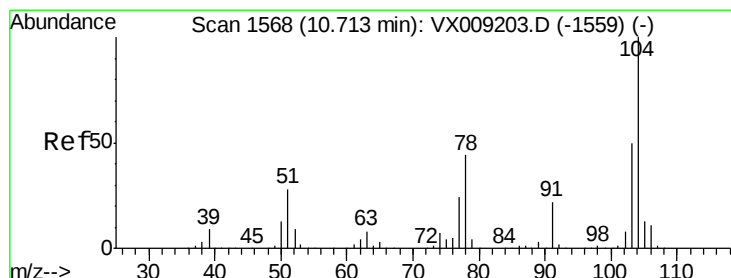
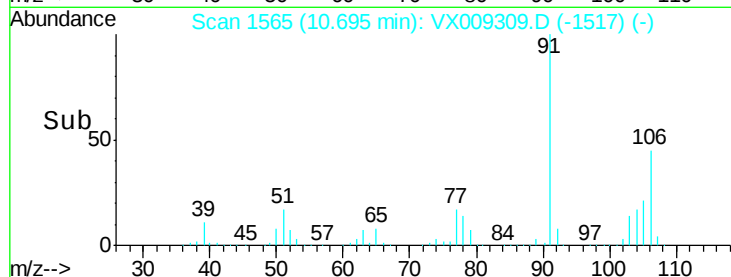
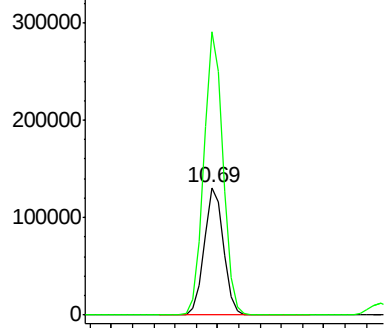
#69
o-Xylene
Concen: 48.247 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 167140
Ion Ratio Lower Upper
106 100
91 220.6 109.5 328.4

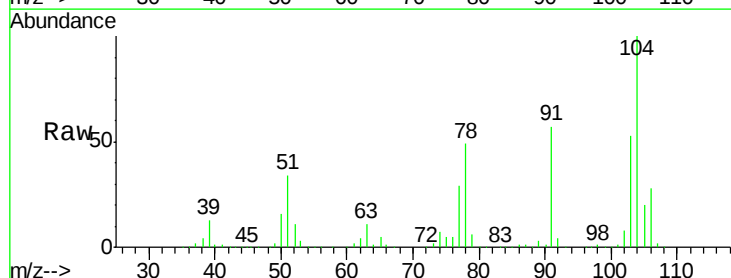


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

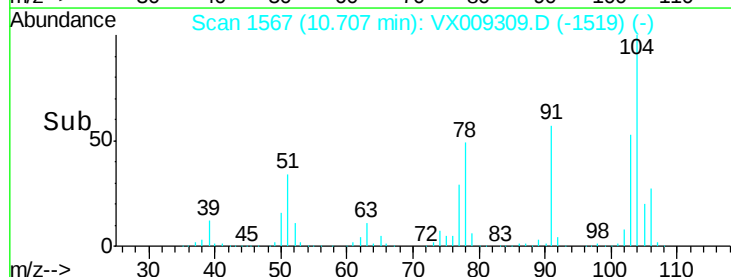
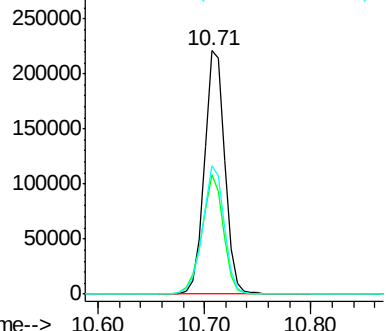


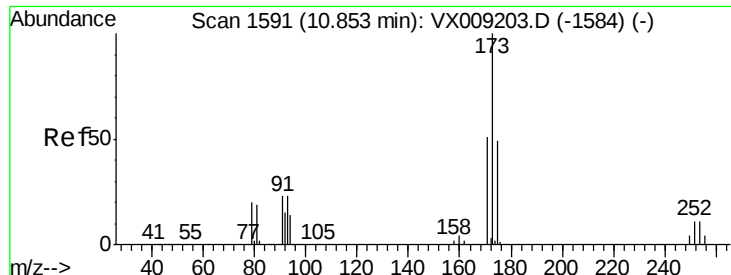
#70
Styrene
Concen: 49.460 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Tgt Ion:104 Resp: 297805
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.4
103 55.6 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.017 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

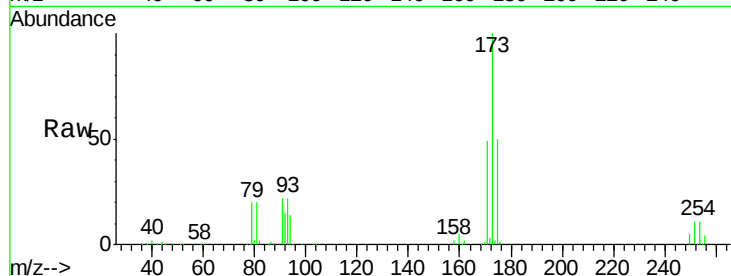
Tot Ion:173 Resp: 75395

Ion Ratio Lower Upper

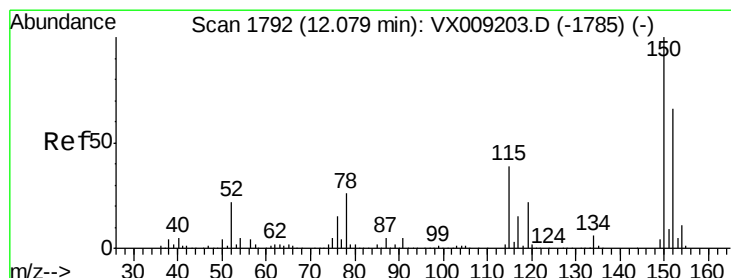
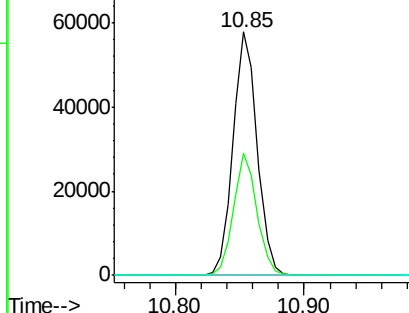
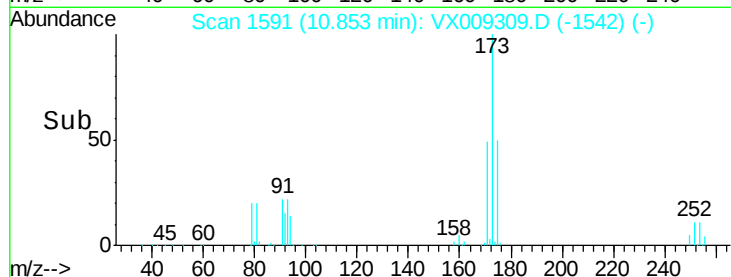
173 100

175 48.6 24.5 73.5

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

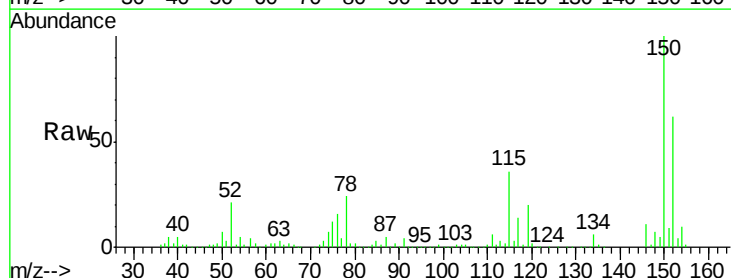
Tgt Ion:152 Resp: 131602

Ion Ratio Lower Upper

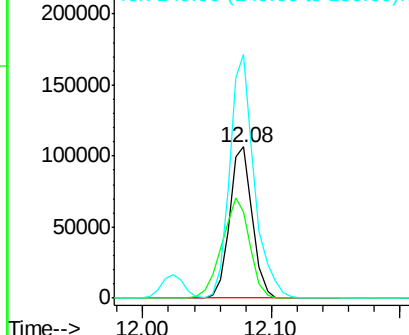
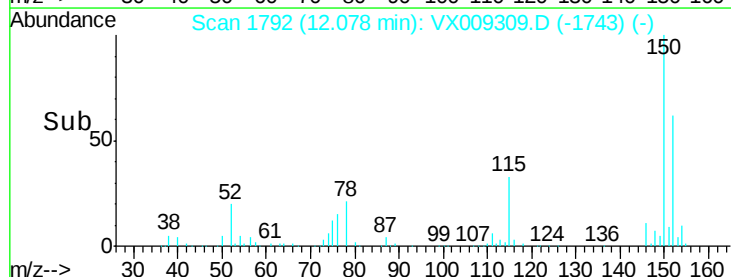
152 100

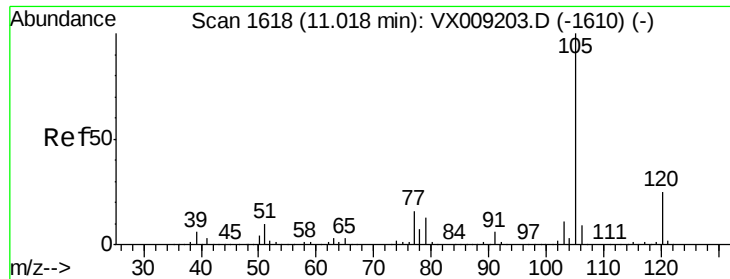
115 80.3 41.2 123.6

150 172.6 0.0 346.4



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: 47.457 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

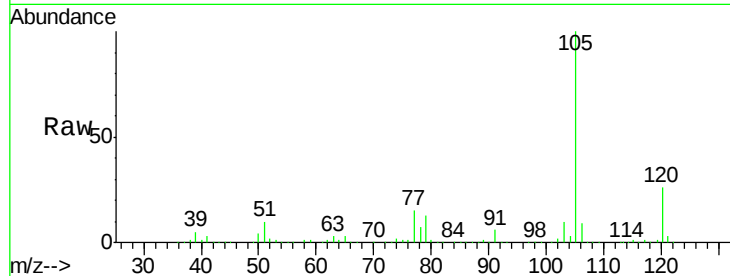
VSTDCCC050

Tot Ion:105 Resp: 454158

Ion Ratio Lower Upper

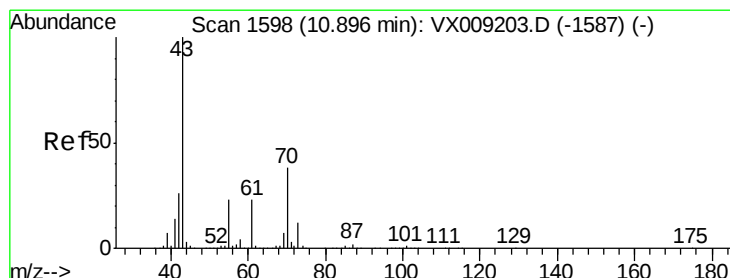
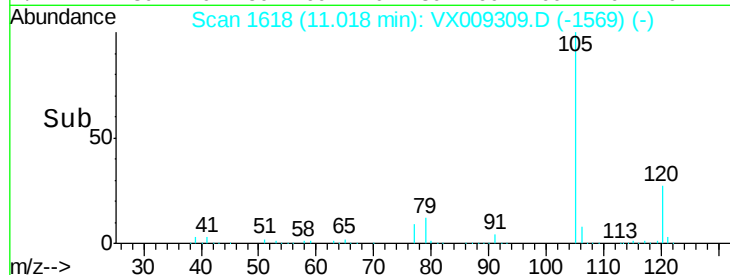
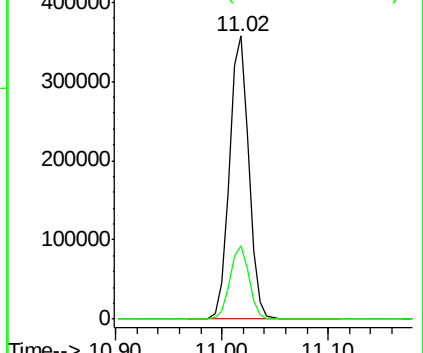
105 100

120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.300 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Tgt Ion: 43 Resp: 263904

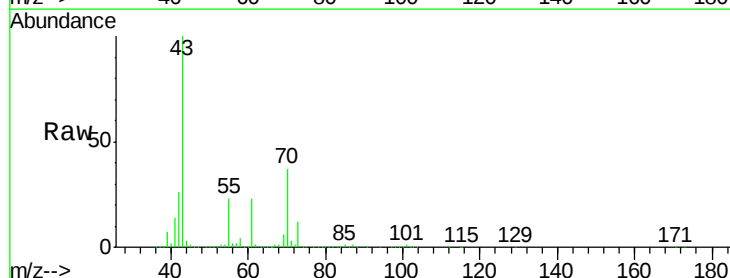
Ion Ratio Lower Upper

43 100

70 36.9 30.0 45.0

55 22.3 17.9 26.9

61 22.5 18.4 27.6

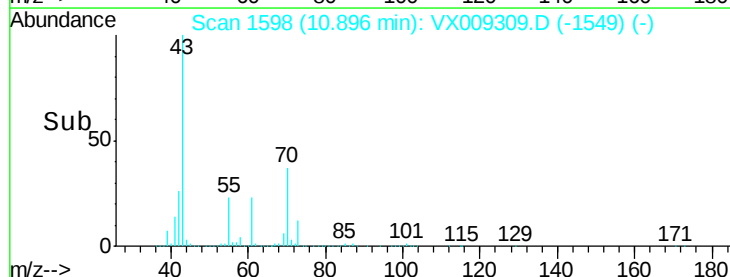
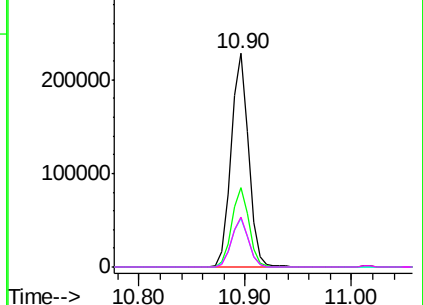


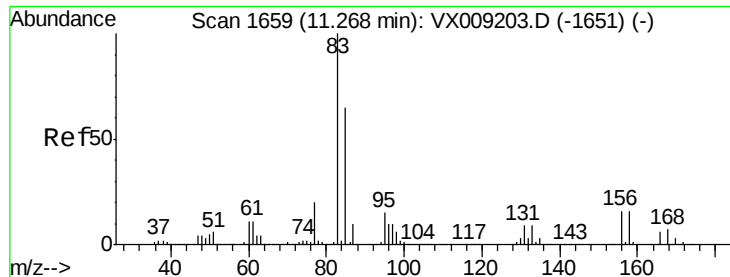
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 45.644 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

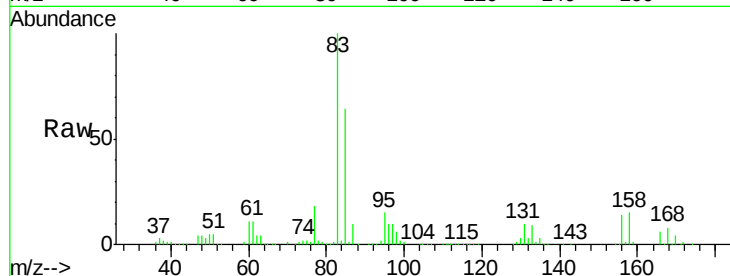
Tot Ion: 83 Resp: 162835

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

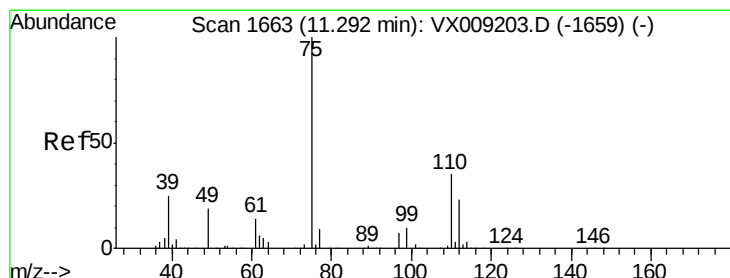
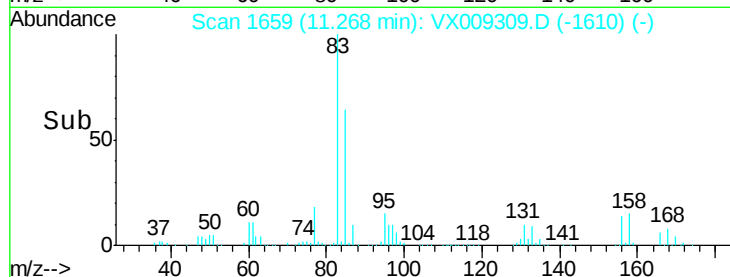
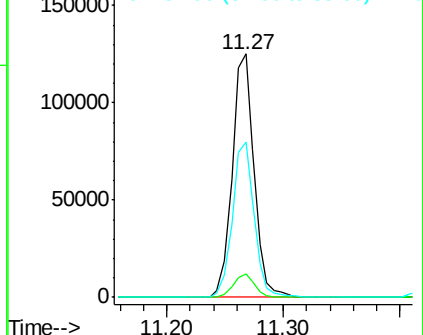
85 63.9 32.0 96.2



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: 63.199 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009309.D

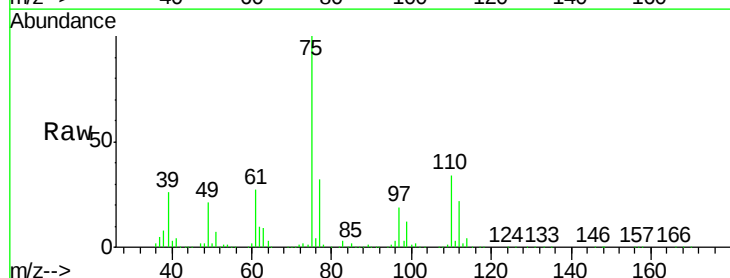
Acq: 03 May 2019 14:40

Tgt Ion: 75 Resp: 192927

Ion Ratio Lower Upper

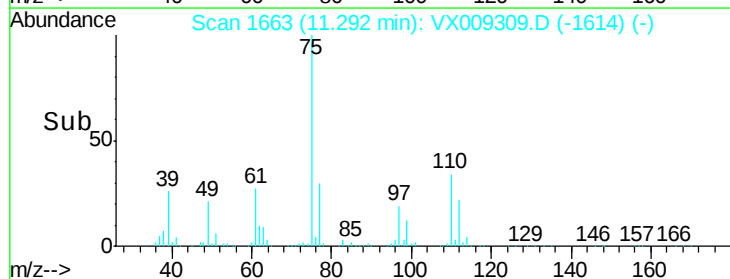
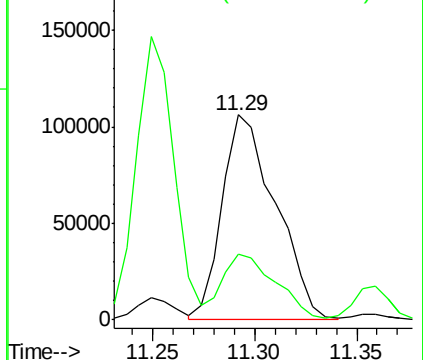
75 100

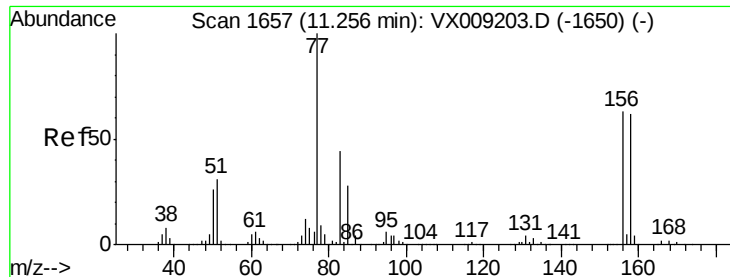
77 32.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.200 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

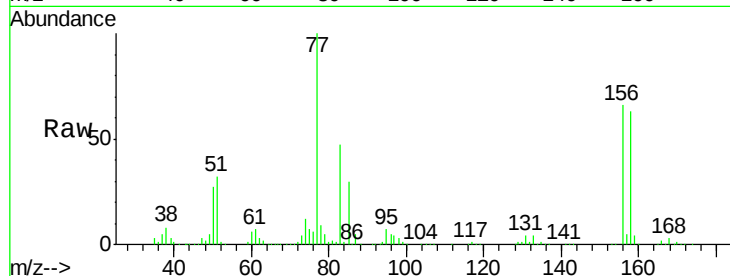
Tot Ion:156 Resp: 112114

Ion Ratio Lower Upper

156 100

77 168.0 84.8 254.3

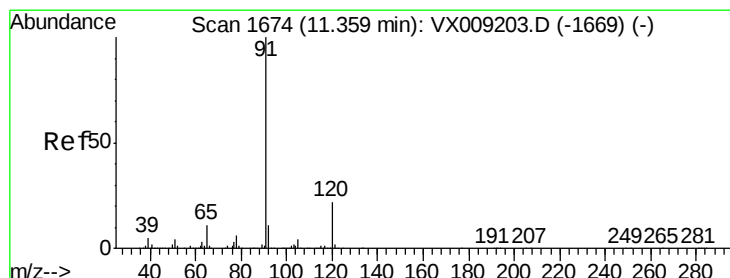
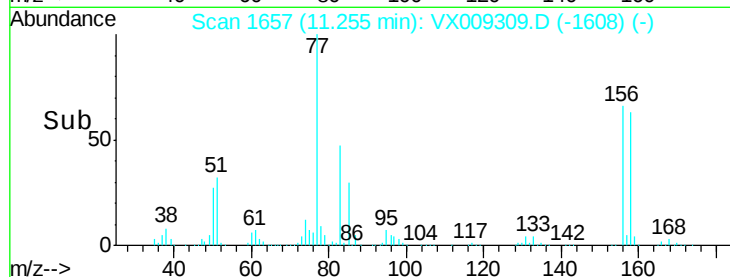
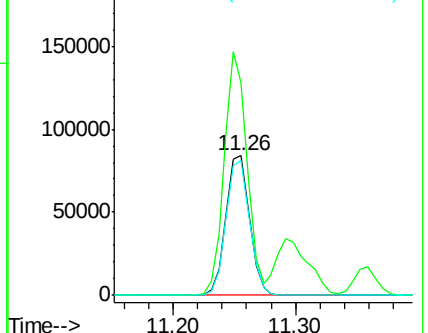
158 96.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.756 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009309.D

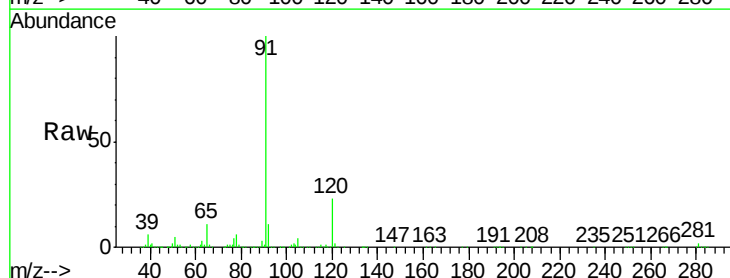
Acq: 03 May 2019 14:40

Tgt Ion: 91 Resp: 532871

Ion Ratio Lower Upper

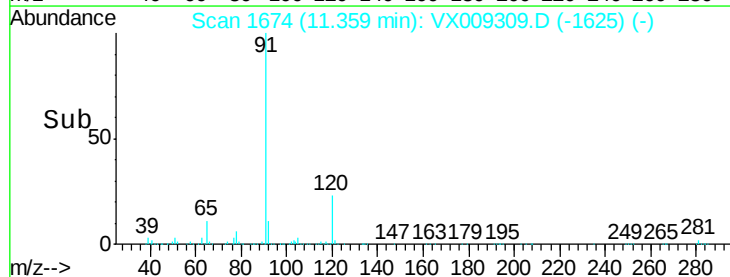
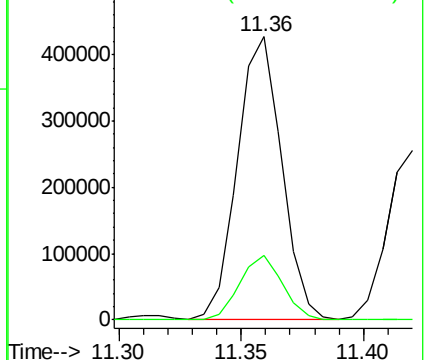
91 100

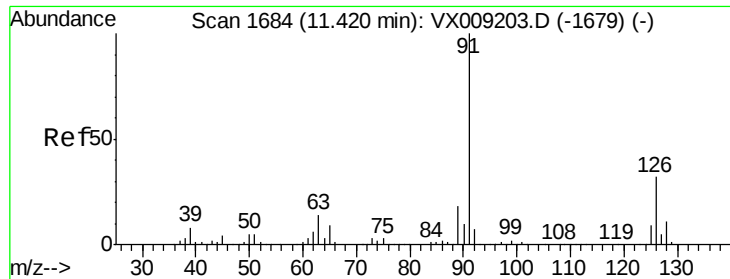
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

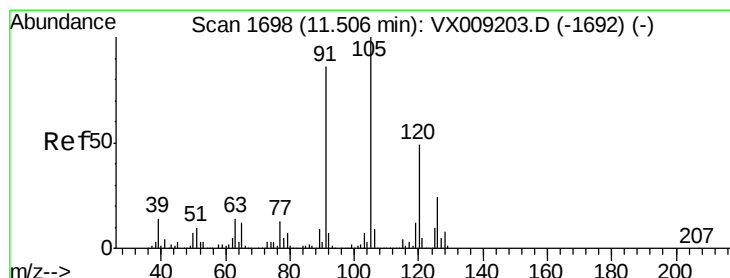
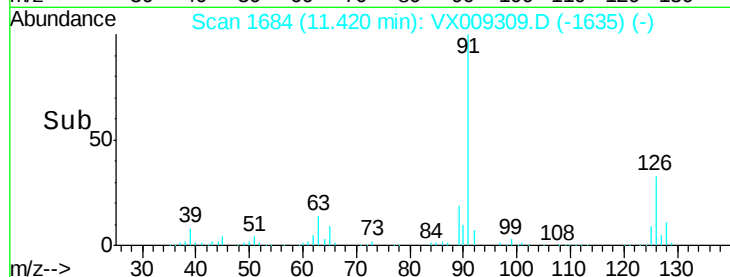
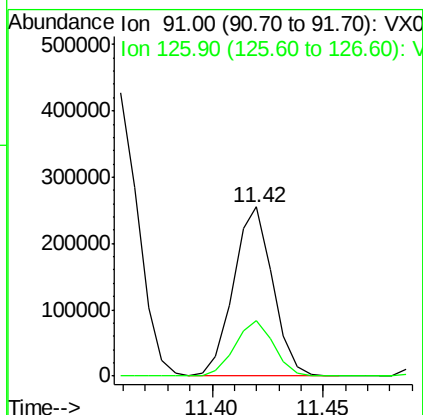
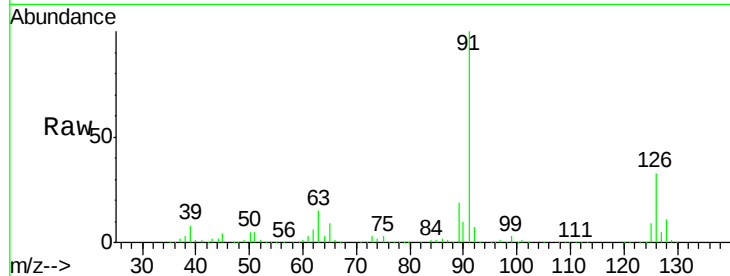




#79
 2-Chlorotoluene
 Concen: 46.198 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

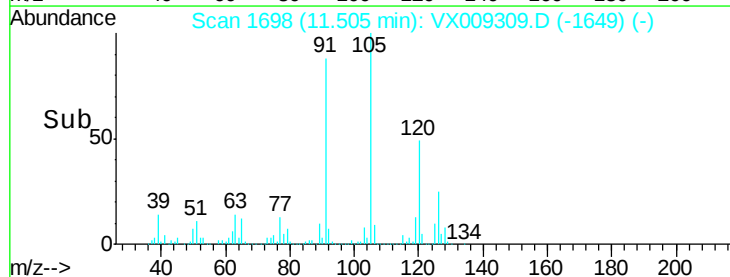
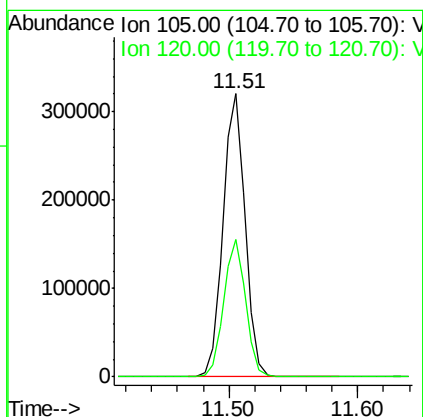
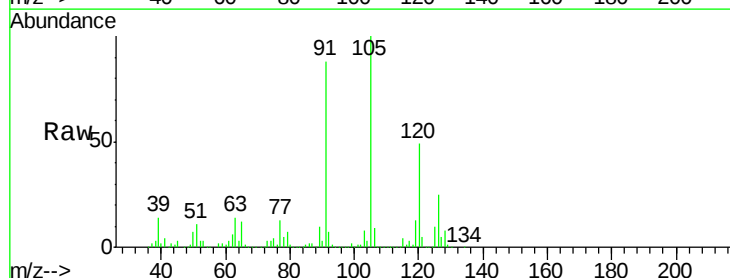
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 311506
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 47.948 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Tgt Ion: 105 Resp: 386364
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 45.997 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

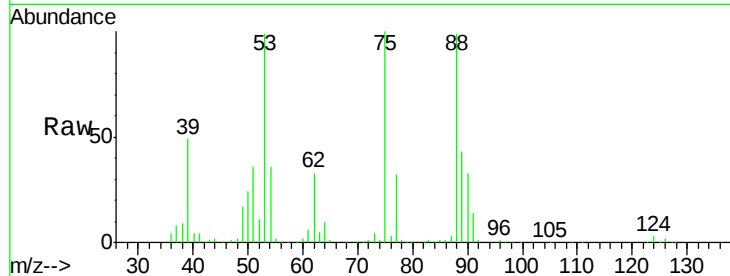
Tot Ion: 75 Resp: 54879

Ion Ratio Lower Upper

75 100

53 101.5 79.0 118.6

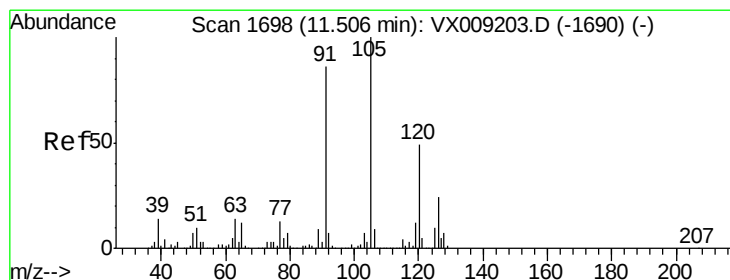
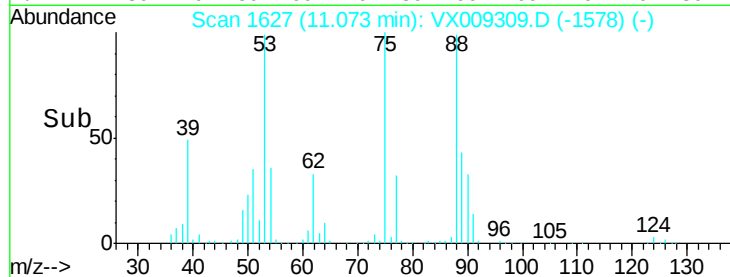
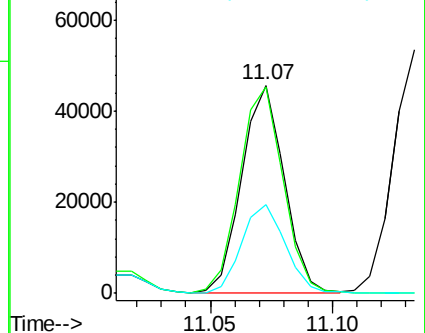
89 44.5 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.463 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009309.D

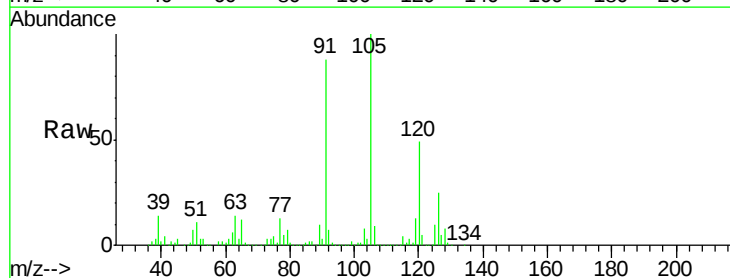
Acq: 03 May 2019 14:40

Tgt Ion: 91 Resp: 361550

Ion Ratio Lower Upper

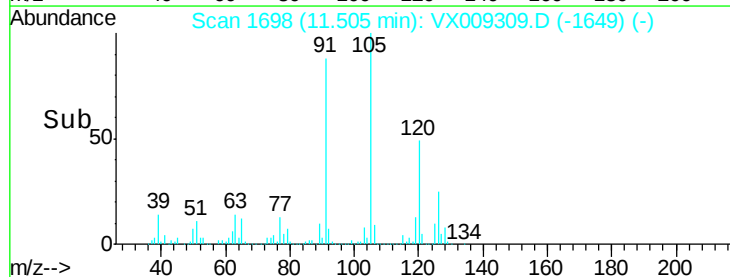
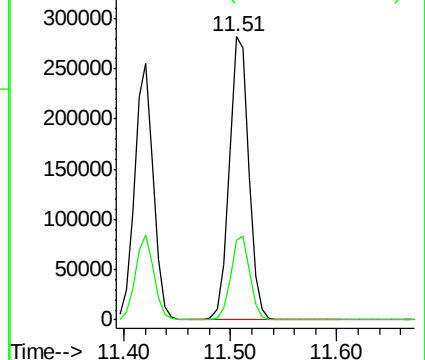
91 100

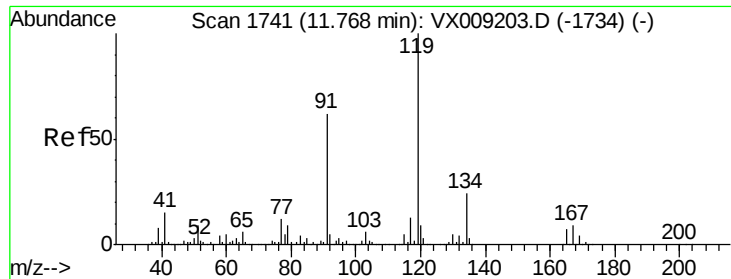
126 29.0 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

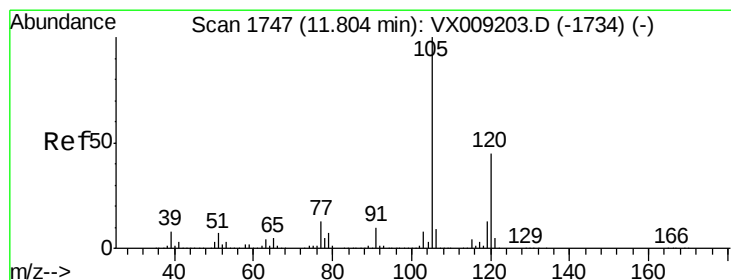
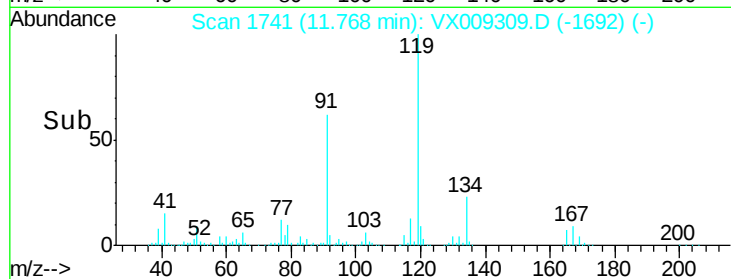
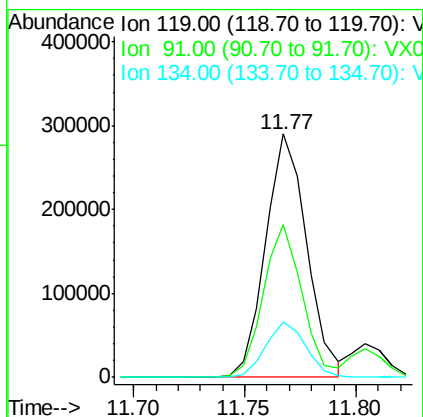
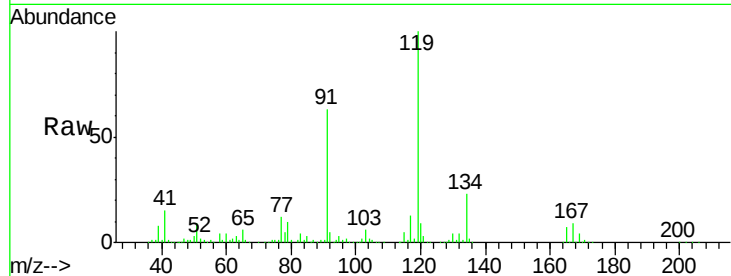




#83
 tert-Butylbenzene
 Concen: 47.496 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

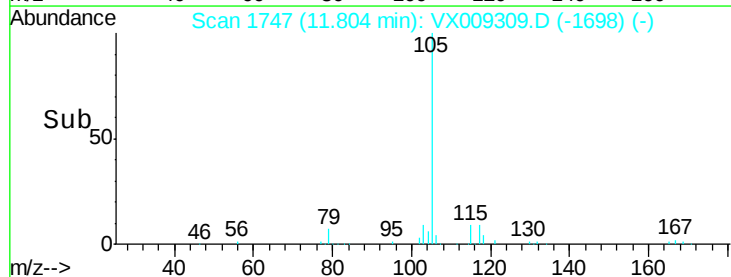
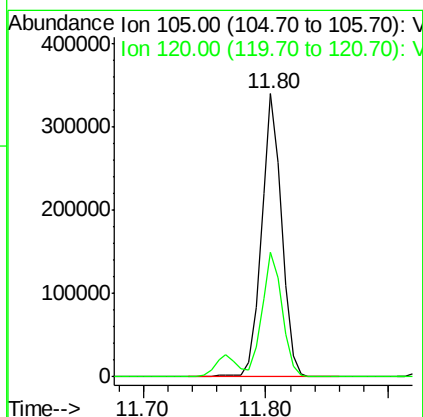
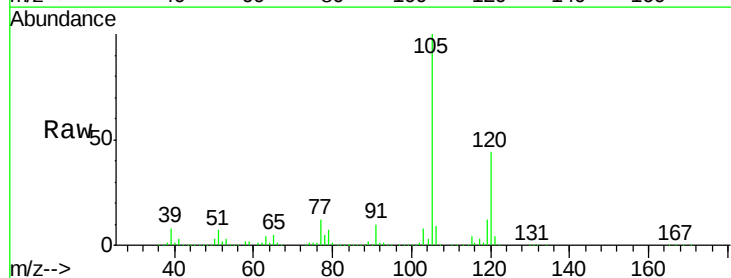
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.4	29.5	88.5
134	22.3	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.313 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.0	66.0





#85

sec-Butylbenzene

Concen: 48.569 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

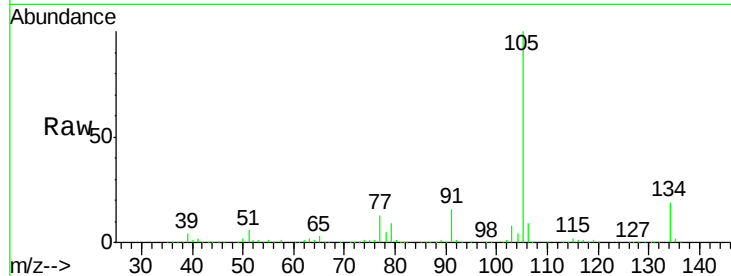
VSTDCCC050

Tot Ion:105 Resp: 451367

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

300000

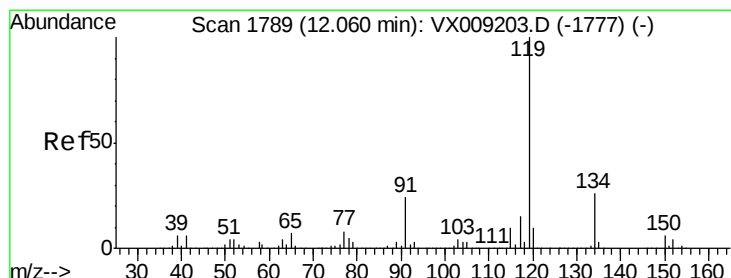
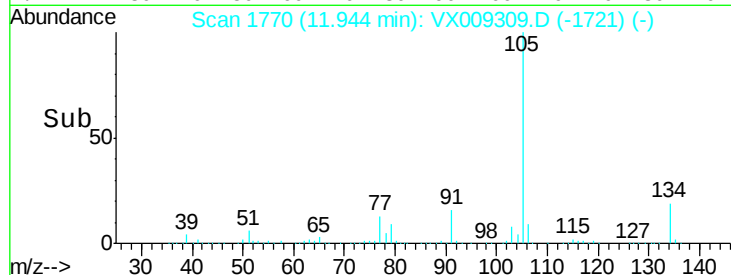
200000

100000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 49.470 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

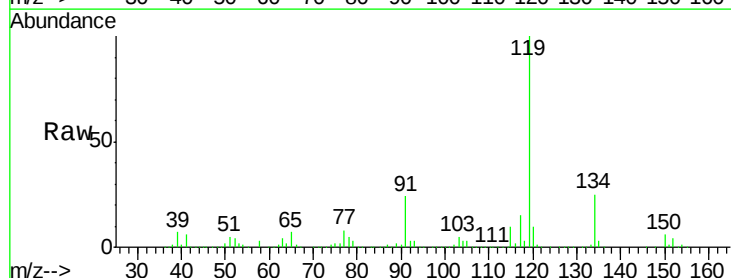
Tgt Ion:119 Resp: 413309

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 23.7 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

300000

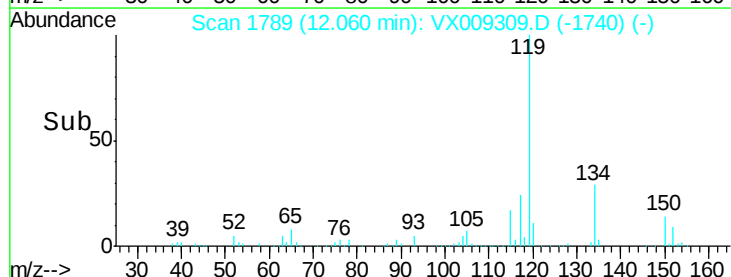
200000

100000

0

Time-->

12.00 12.05 12.10





#87

1,3-Dichlorobenzene

Concen: 48.001 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

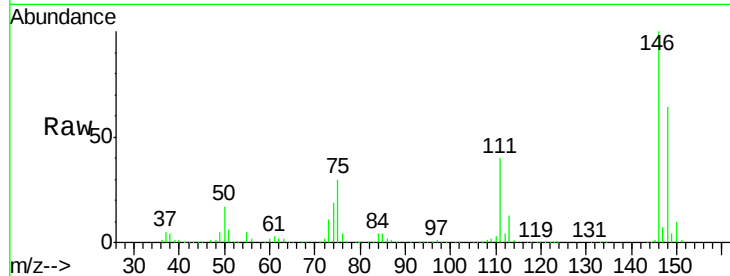
Tot Ion:146 Resp: 203255

Ion Ratio Lower Upper

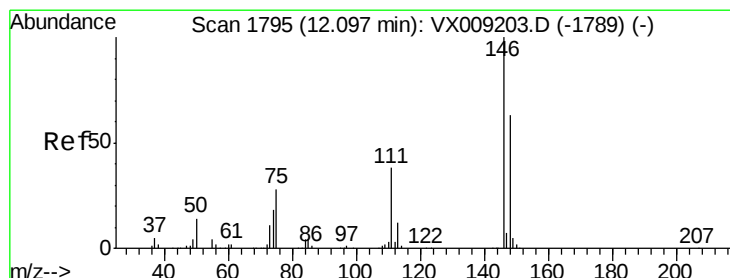
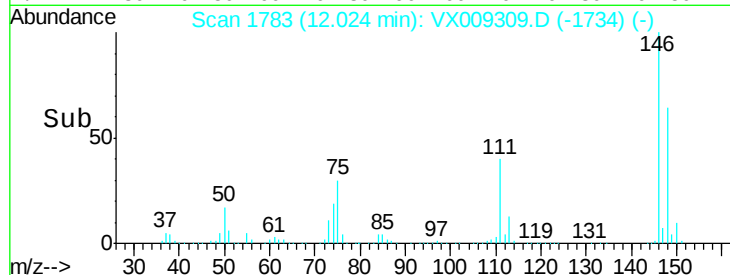
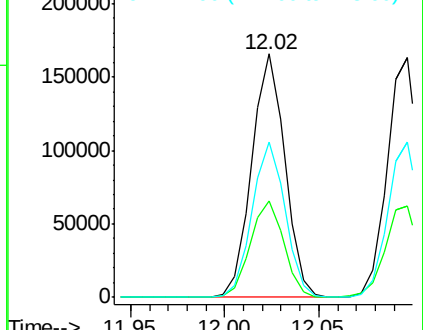
146 100

111 40.1 20.0 59.9

148 63.4 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 47.315 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009309.D

Acq: 03 May 2019 14:40

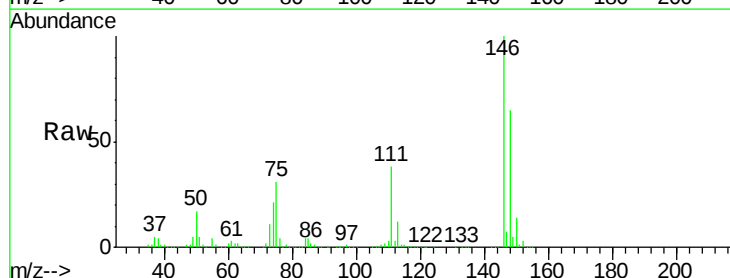
Tgt Ion:146 Resp: 201991

Ion Ratio Lower Upper

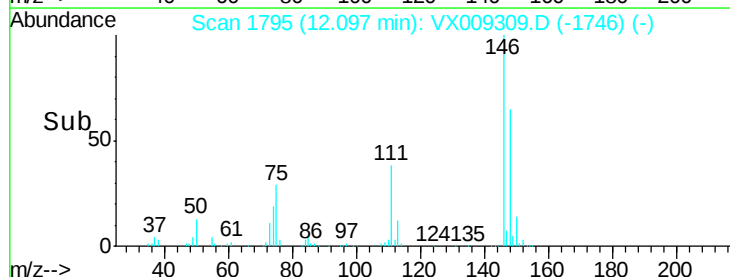
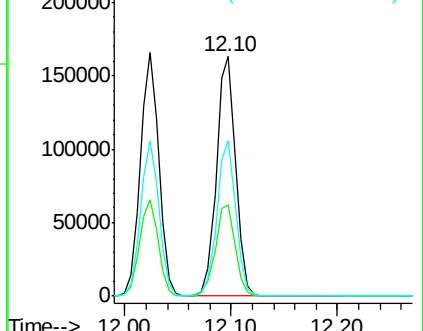
146 100

111 39.6 19.6 58.8

148 64.6 31.8 95.3



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

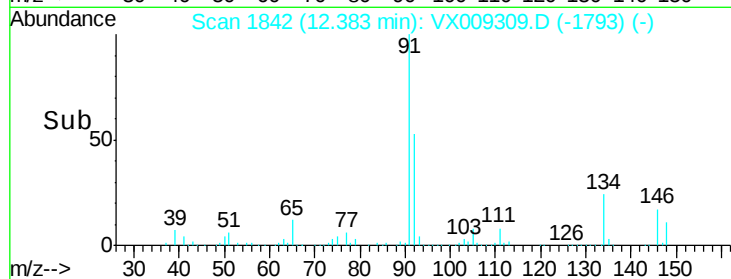
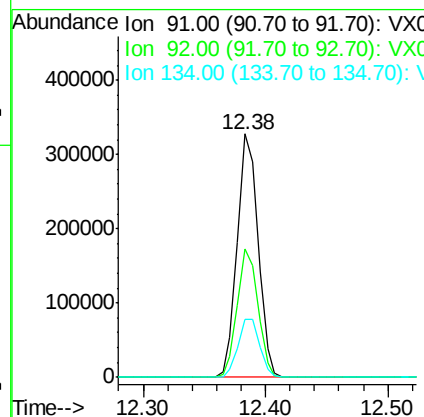
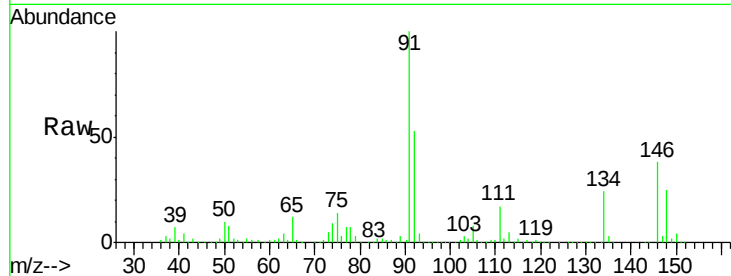




#89
n-Butylbenzene
Concen: 50.890 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

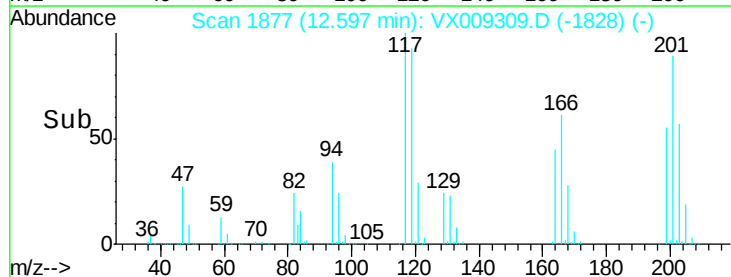
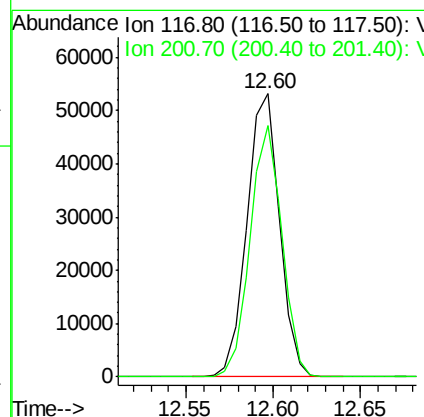
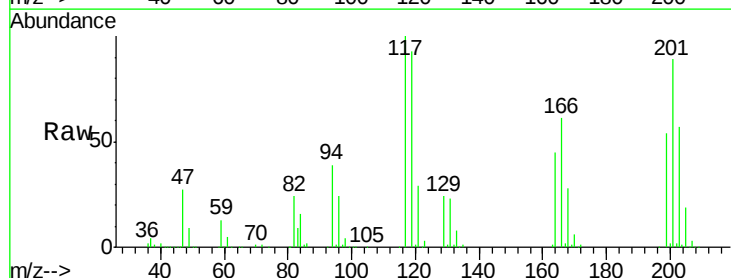
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

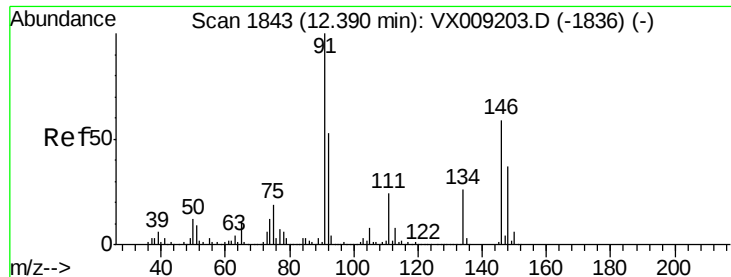
Tot Ion: 91 Resp: 384286
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 24.9 12.4 37.2



#90
Hexachloroethane
Concen: 48.218 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Tgt Ion: 117 Resp: 68631
Ion Ratio Lower Upper
117 100
201 86.8 42.3 126.9

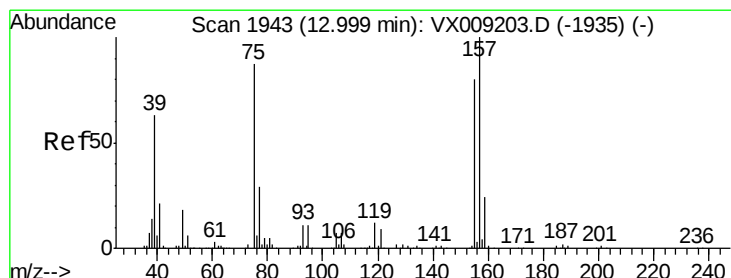
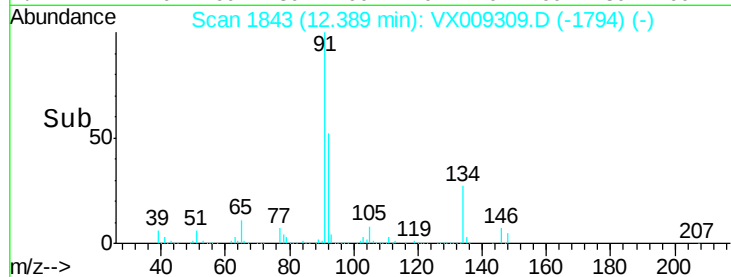
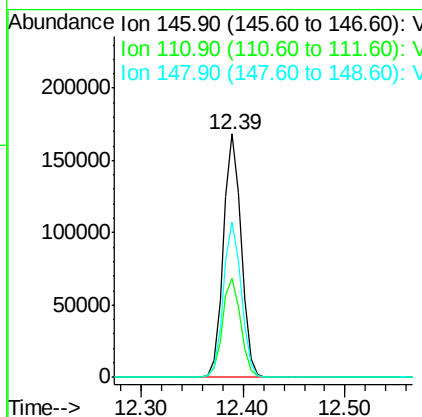
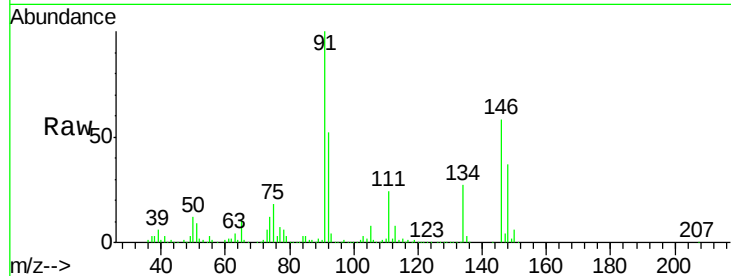




#91
 1,2-Dichlorobenzene
 Concen: 47.465 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

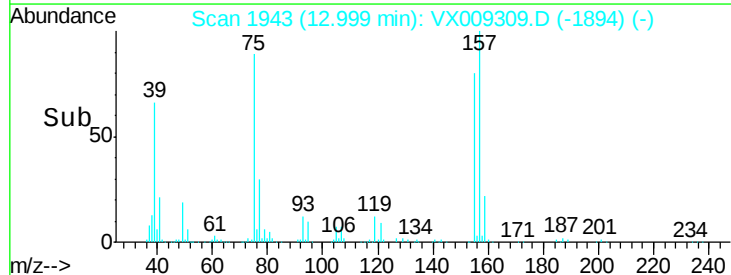
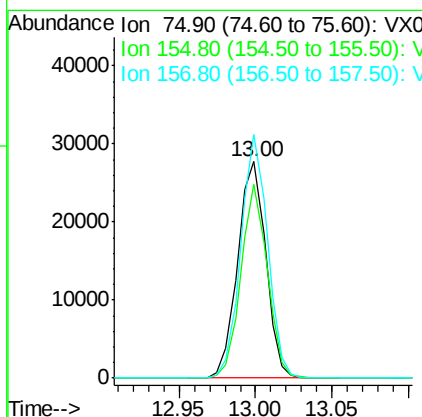
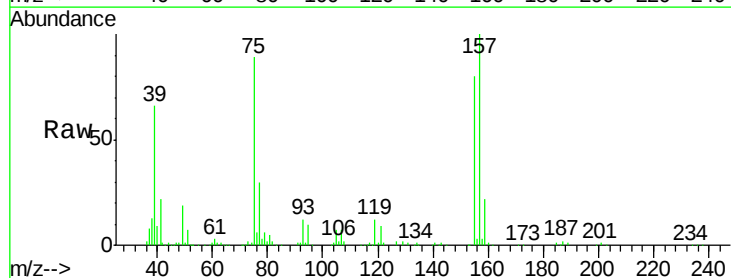
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 204712
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.4
 148 64.1 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.045 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Tgt Ion: 75 Resp: 35249
 Ion Ratio Lower Upper
 75 100
 155 84.2 42.0 126.0
 157 107.3 53.2 159.6

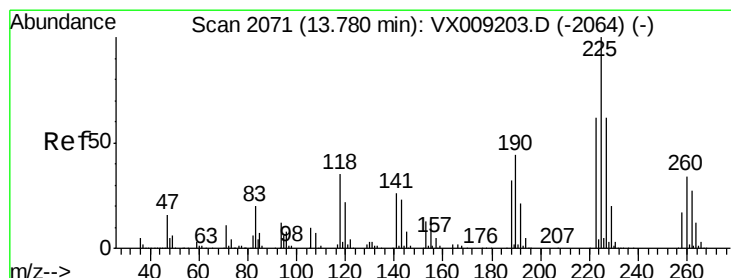
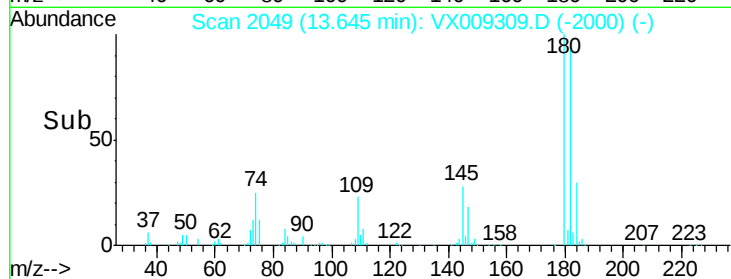
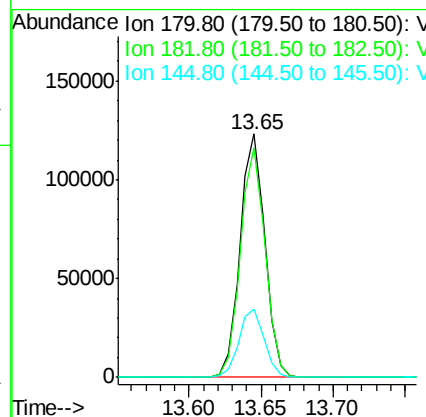
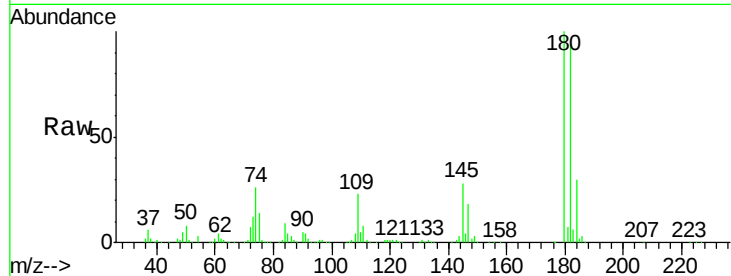




#93
 1,2,4-Trichlorobenzene
 Concen: 50.136 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

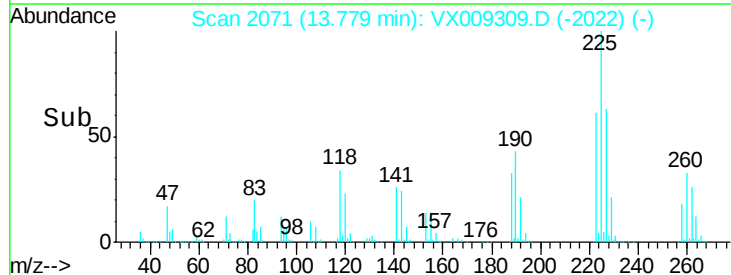
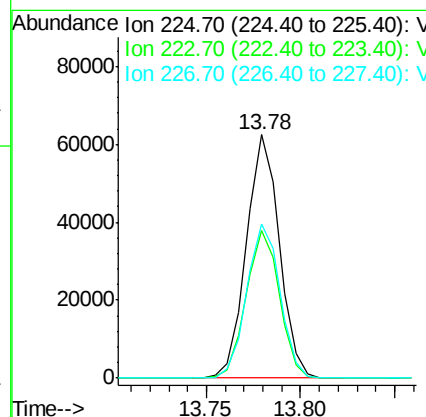
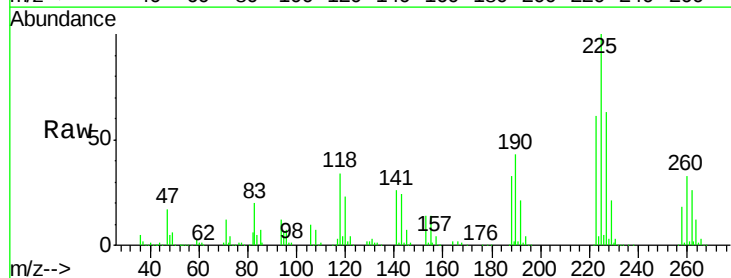
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

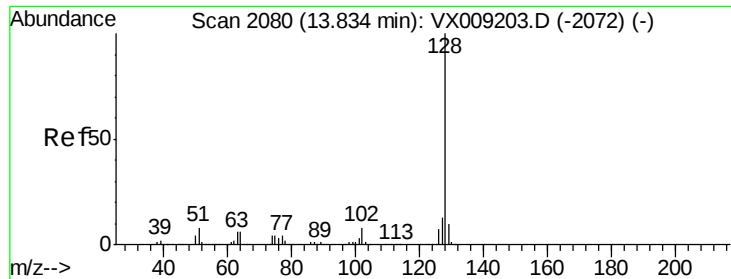
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.2
145	28.5	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 50.262 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009309.D
 Acq: 03 May 2019 14:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.3	93.8
227	64.0	31.8	95.3

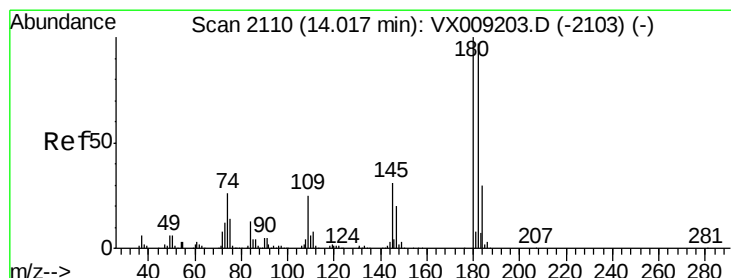
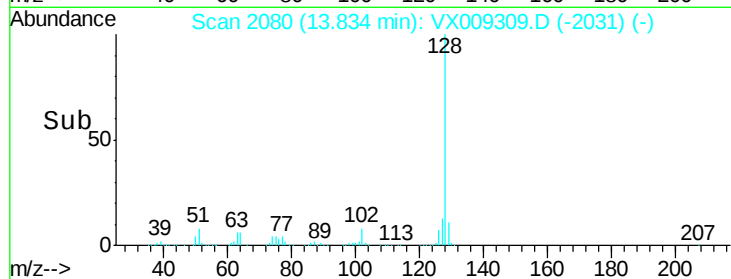
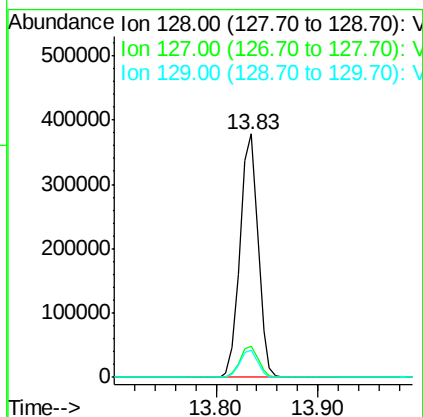
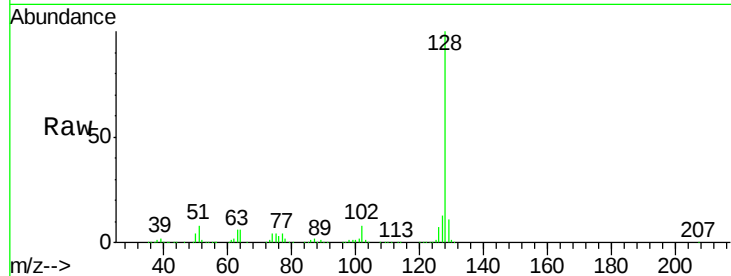




#95
Naphthalene
Concen: 47.642 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 457145
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.649 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009309.D
Acq: 03 May 2019 14:40

Tgt Ion:180 Resp: 145443
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.4
145 30.5 15.4 46.4

