

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012957.D
 Acq On : 09 Oct 2019 21:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 10 06:46:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119728	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	110281	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	
35) Dibromofluoromethane	5.49	113	85468	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
50) Toluene-d8	8.71	98	329561	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.14	95	128328	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	89120	51.697	ug/l	98
3) Chloromethane	1.32	50	97898	52.181	ug/l	96
4) Vinyl Chloride	1.40	62	99398	51.330	ug/l	99
5) Bromomethane	1.63	94	37374	46.430	ug/l	99
6) Chloroethane	1.71	64	61037	51.590	ug/l	99
7) Trichlorofluoromethane	1.92	101	138113	52.843	ug/l	96
8) Diethyl Ether	2.18	74	54386	51.552	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87734	51.867	ug/l	99
10) Methyl Iodide	2.50	142	92348	48.374	ug/l	99
11) Tert butyl alcohol	3.03	59	139067	248.180	ug/l	98
12) 1,1-Dichloroethene	2.36	96	88061	51.526	ug/l	97
13) Acrolein	2.28	56	93627	235.117	ug/l	97
14) Allyl chloride	2.72	41	156774	51.510	ug/l	100
15) Acrylonitrile	3.13	53	281960	265.524	ug/l	100
16) Acetone	2.44	43	245570	220.404	ug/l	97
17) Carbon Disulfide	2.56	76	234650	48.151	ug/l	99
18) Methyl Acetate	2.76	43	136395	51.647	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	315865	53.519	ug/l	99
20) Methylene Chloride	2.84	84	100786	49.220	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	93194	50.876	ug/l	99
22) Diisopropyl ether	3.84	45	312264	53.542	ug/l	95
23) Vinyl Acetate	3.80	43	1356442	269.420	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173139	52.771	ug/l	99
25) 2-Butanone	4.66	43	387833	250.899	ug/l	100
26) 2,2-Dichloropropane	4.57	77	134519	48.756	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	109506	51.862	ug/l	99
28) Bromochloromethane	5.00	49	53682	54.791	ug/l	98
29) Tetrahydrofuran	5.12	42	249936	262.754	ug/l	99
30) Chloroform	5.20	83	174307	51.776	ug/l	98
31) Cyclohexane	5.57	56	156161	50.901	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	154378	54.120	ug/l	98
36) 1,1-Dichloropropene	5.79	75	131625	51.943	ug/l	99
37) Ethyl Acetate	4.82	43	146437	51.680	ug/l	99
38) Carbon Tetrachloride	5.78	117	129463	52.489	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161523	52.561	ug/l	99
40) Benzene	6.14	78	396366	52.960	ug/l	99
41) Methacrylonitrile	5.03	41	82193	52.790	ug/l	99
42) 1,2-Dichloroethane	6.18	62	142169	52.938	ug/l	99
43) Isopropyl Acetate	6.43	43	240225	52.821	ug/l	100
44) Trichloroethene	7.20	130	101738	49.021	ug/l	93
45) 1,2-Dichloropropane	7.51	63	101318	53.116	ug/l	100
46) Dibromomethane	7.65	93	67436	53.062	ug/l	100
47) Bromodichloromethane	7.89	83	135250	54.533	ug/l	98
48) Methyl methacrylate	7.76	41	118435	53.440	ug/l	99
49) 1,4-Dioxane	7.73	88	59037	992.910	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	752107	265.246	ug/l	99
52) Toluene	8.78	92	252068	52.645	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	144832	46.933	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	161843	53.057	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100456	53.015	ug/l	98
56) Ethyl methacrylate	9.17	69	164987	48.675	ug/l	99
57) 1,3-Dichloropropane	9.37	76	173398	52.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	368606	264.802	ug/l	99
59) 2-Hexanone	9.48	43	581275	263.347	ug/l	100
60) Dibromochloromethane	9.58	129	101468	48.190	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104817	52.585	ug/l	99
64) Tetrachloroethene	9.33	164	94294	51.996	ug/l	96
65) Chlorobenzene	10.14	112	261101	50.287	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	94767	52.641	ug/l	99
67) Ethyl Benzene	10.25	91	478951	51.931	ug/l	99
68) m/p-Xylenes	10.35	106	363170	105.405	ug/l	99
69) o-Xylene	10.70	106	174609	51.968	ug/l	98
70) Styrene	10.71	104	303021	53.051	ug/l	99
71) Bromoform	10.85	173	68539	45.024	ug/l #	99
73) Isopropylbenzene	11.01	105	468654	53.240	ug/l	100
74) N-amyl acetate	10.89	43	207187	54.651	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	154680	52.832	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	175134	65.950	ug/l	77
77) Bromobenzene	11.25	156	107964	52.048	ug/l	97
78) n-propylbenzene	11.35	91	518910	53.572	ug/l	99
79) 2-Chlorotoluene	11.42	91	323450	53.134	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	405343	55.147	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	47950	46.723	ug/l	98
82) 4-Chlorotoluene	11.51	91	374483	53.671	ug/l	99
83) tert-Butylbenzene	11.76	119	380403	53.054	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	402928	54.127	ug/l	99
85) sec-Butylbenzene	11.94	105	452464	54.469	ug/l	99
86) p-Isopropyltoluene	12.06	119	411896	53.464	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	197832	51.358	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199338	51.097	ug/l	99
89) n-Butylbenzene	12.39	91	349233	53.936	ug/l	99
90) Hexachloroethane	12.59	117	69746	48.927	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	196558	52.050	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36691	53.468	ug/l	96

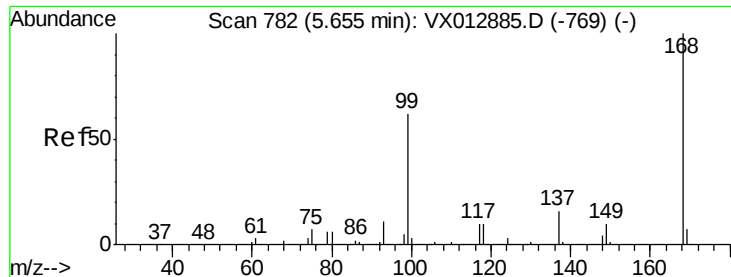
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	125790	53.175	ug/l	100
94) Hexachlorobutadiene	13.78	225	55743	51.059	ug/l	99
95) Naphthalene	13.83	128	443047	54.028	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126537	51.762	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

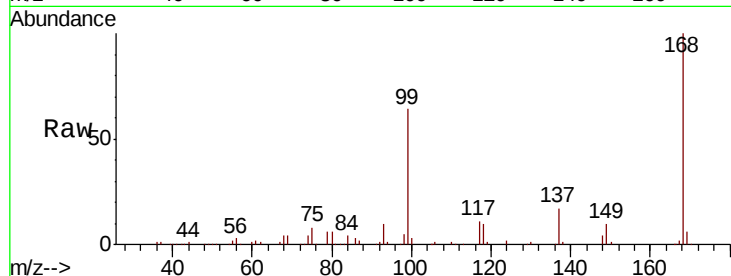
VSTDCCC050

Tot Ion:168 Resp: 169121

Ion Ratio Lower Upper

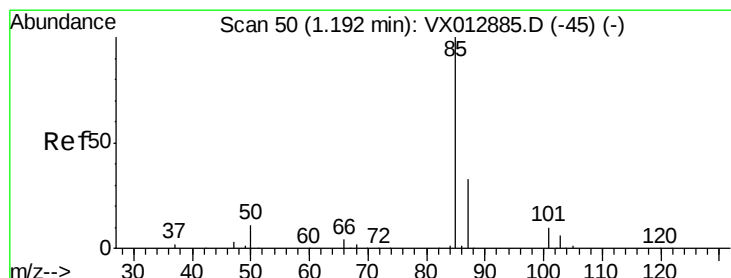
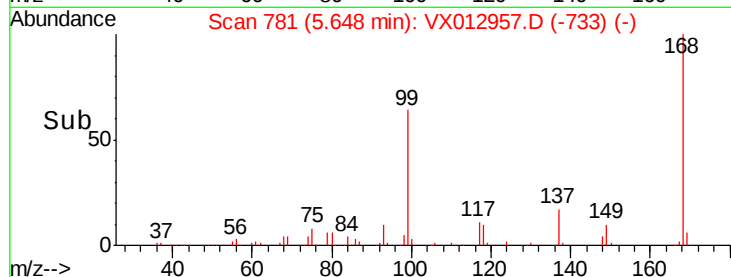
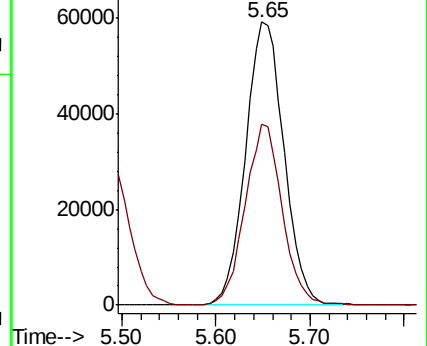
168 100

99 63.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.697 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012957.D

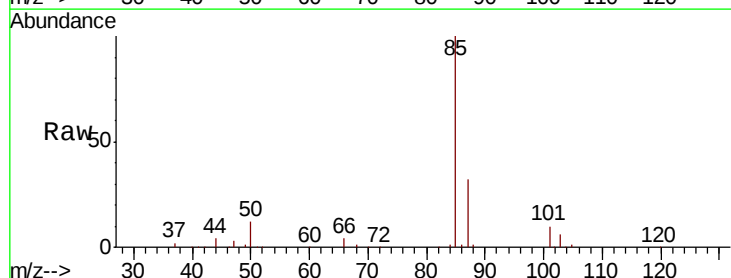
Acq: 09 Oct 2019 21:11

Tgt Ion: 85 Resp: 89120

Ion Ratio Lower Upper

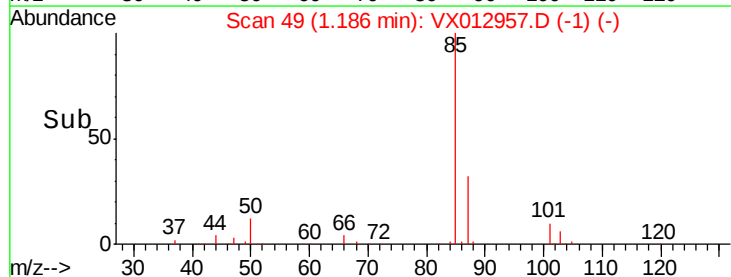
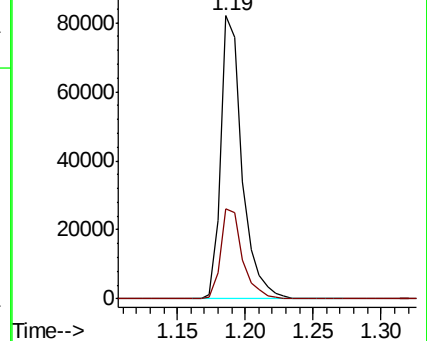
85 100

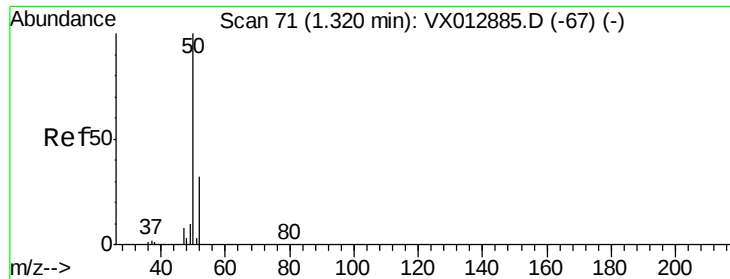
87 31.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.181 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

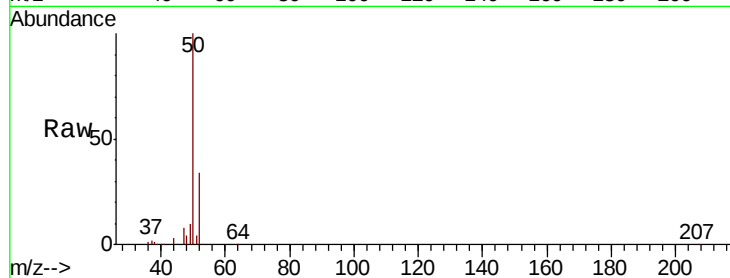
VSTDCCC050

Tot Ion: 50 Resp: 97898

Ion Ratio Lower Upper

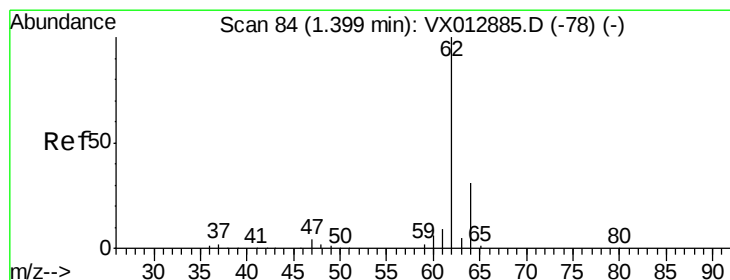
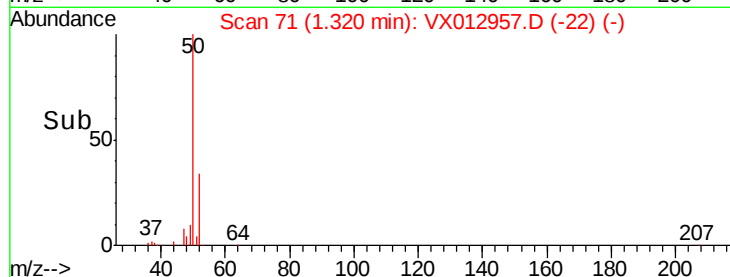
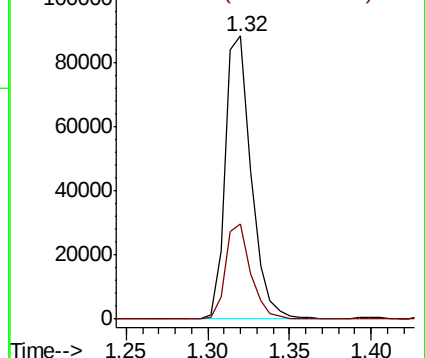
50 100

52 33.6 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.330 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012957.D

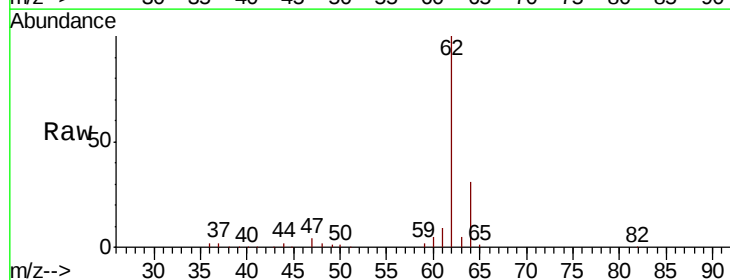
Acq: 09 Oct 2019 21:11

Tgt Ion: 62 Resp: 99398

Ion Ratio Lower Upper

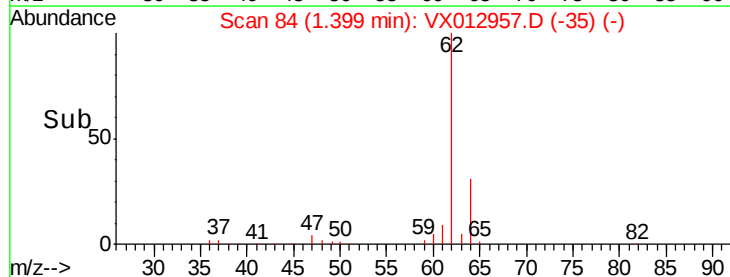
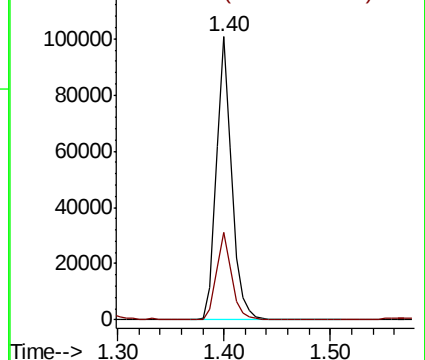
62 100

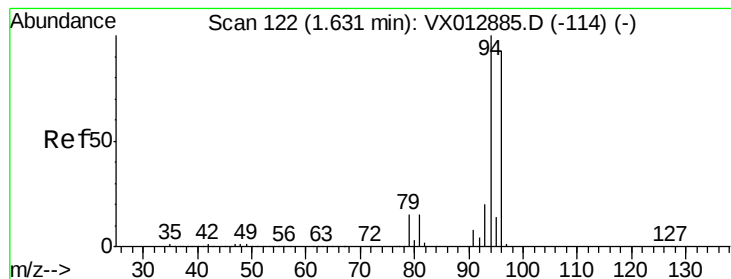
64 30.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.430 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

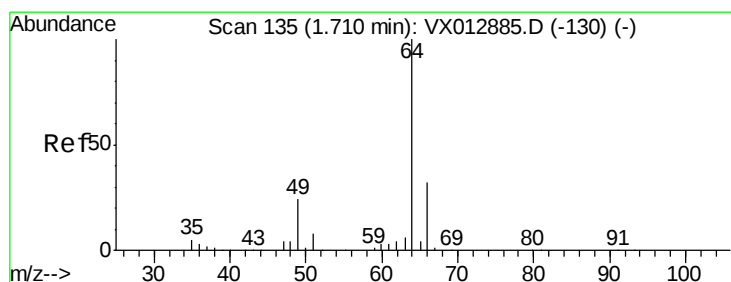
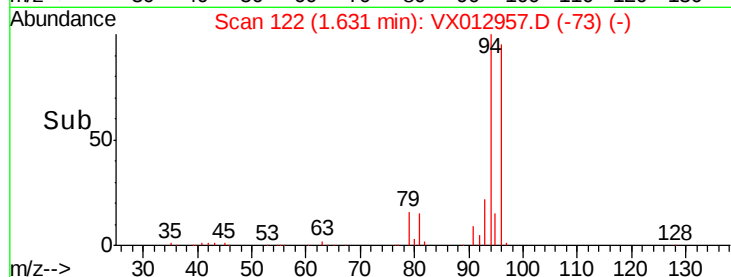
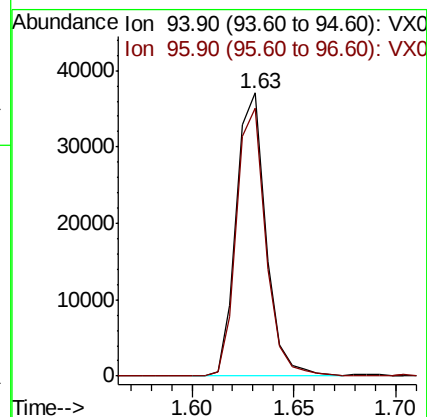
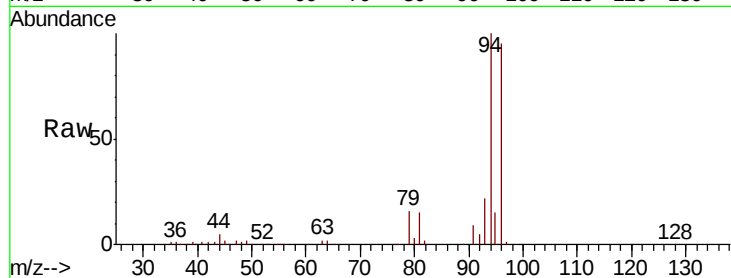
VSTDCCC050

Tot Ion: 94 Resp: 37374

Ion Ratio Lower Upper

94 100

96 94.7 74.7 112.1



#6

Chloroethane

Concen: 51.590 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012957.D

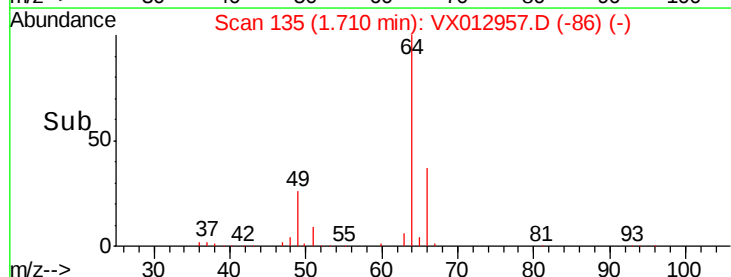
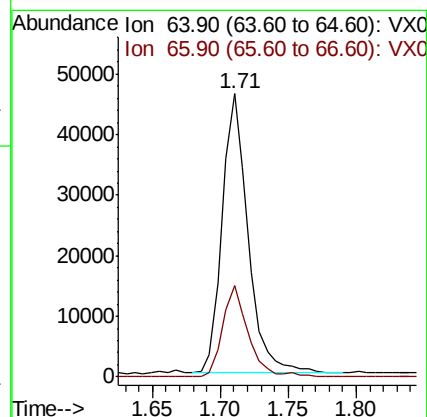
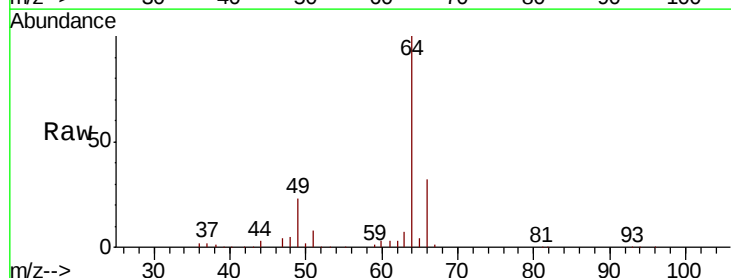
Acq: 09 Oct 2019 21:11

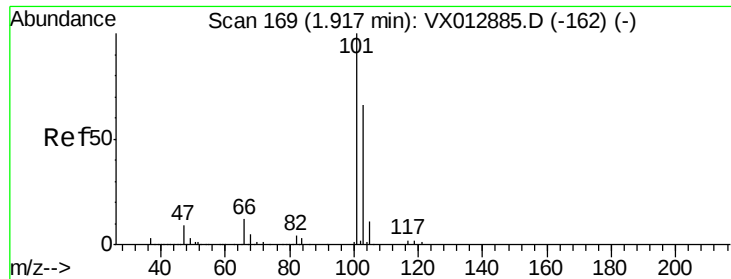
Tgt Ion: 64 Resp: 61037

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4



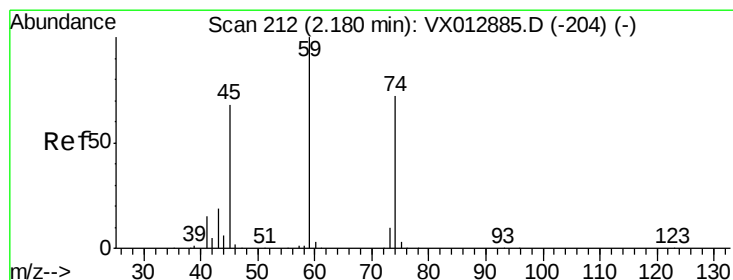
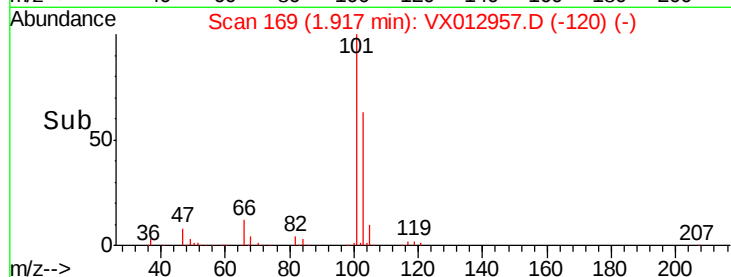
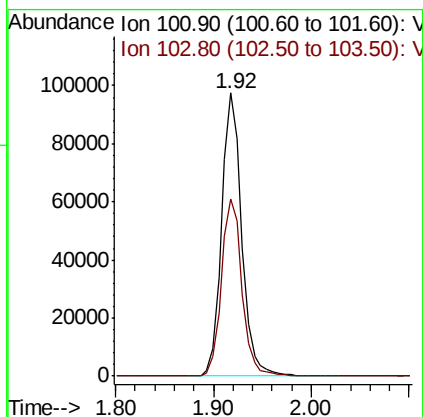
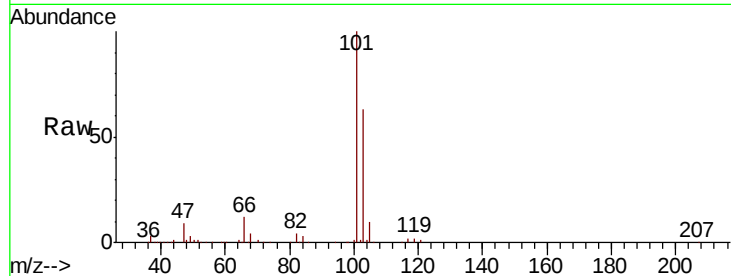


#7

Trichlorofluoromethane
 Concen: 52.843 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

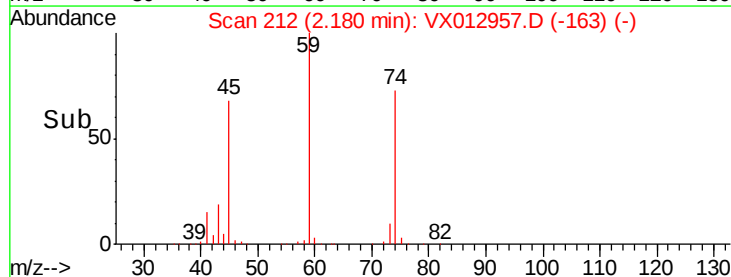
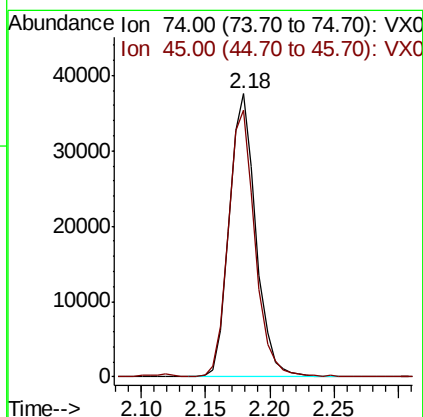
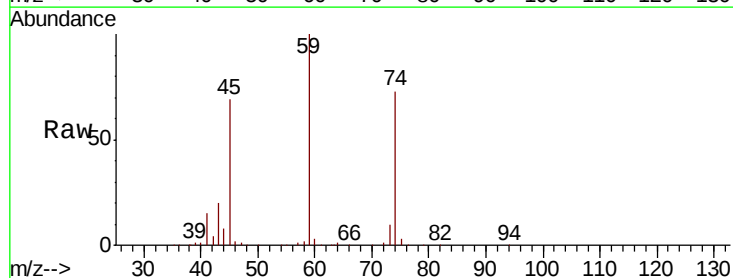
Tot Ion:101 Resp: 138113
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.5 78.7

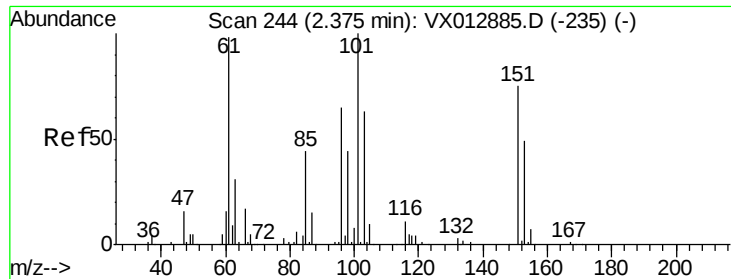


#8

Diethyl Ether
 Concen: 51.552 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Tgt Ion: 74 Resp: 54386
 Ion Ratio Lower Upper
 74 100
 45 95.1 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.867 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

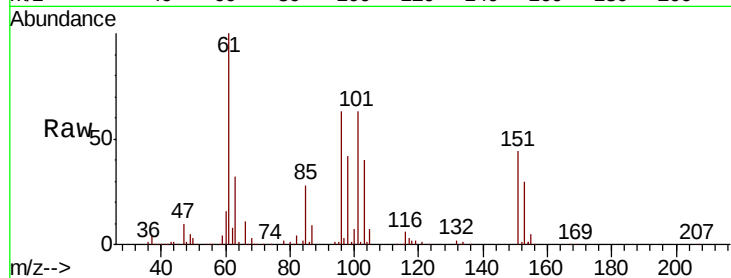
Tot Ion:101 Resp: 87734

Ion Ratio Lower Upper

101 100

85 44.4 35.2 52.8

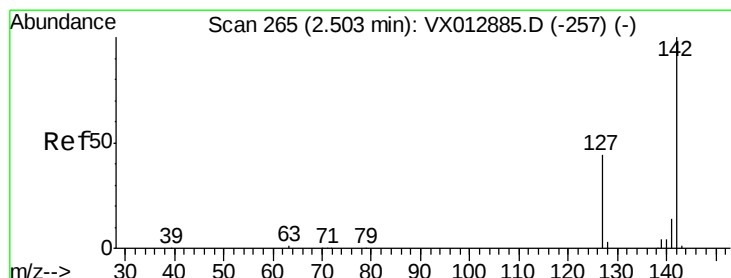
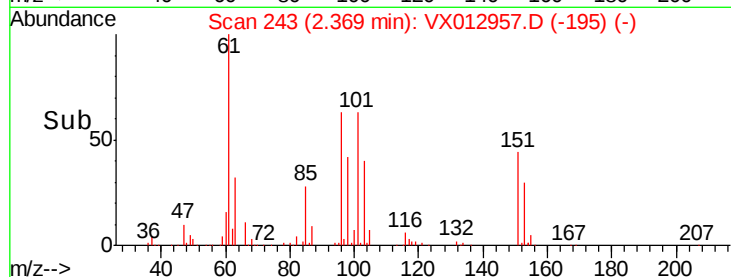
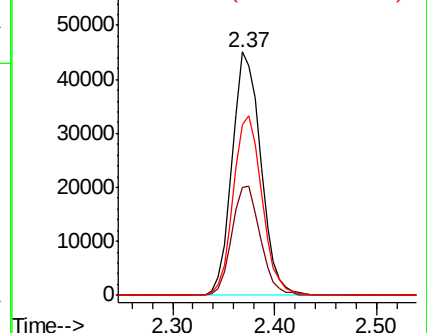
151 73.8 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.374 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

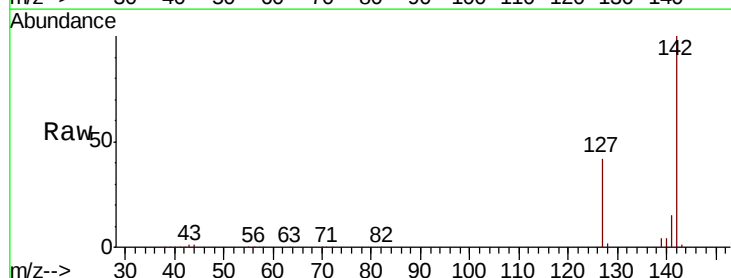
Tgt Ion:142 Resp: 92348

Ion Ratio Lower Upper

142 100

127 44.0 34.9 52.3

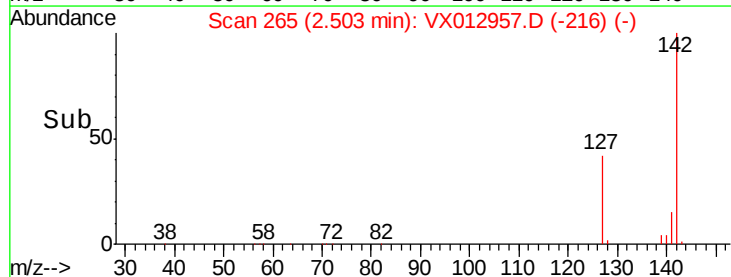
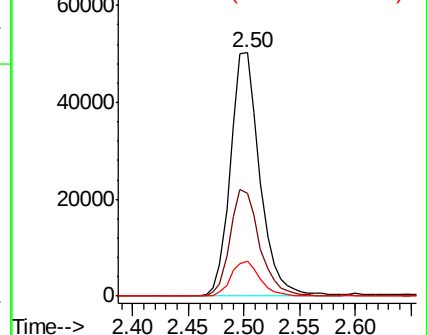
141 14.2 11.6 17.4

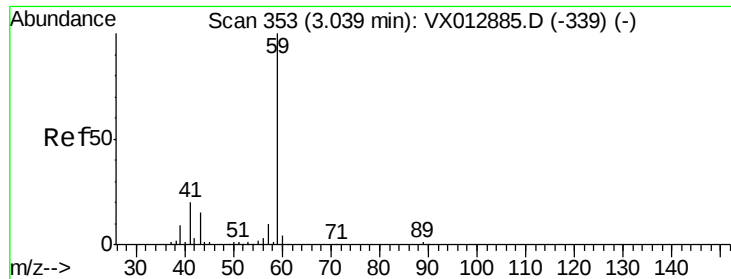


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



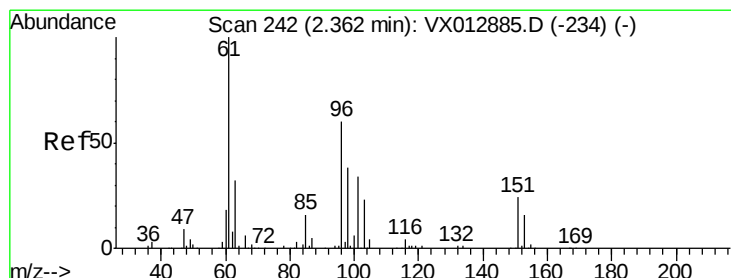
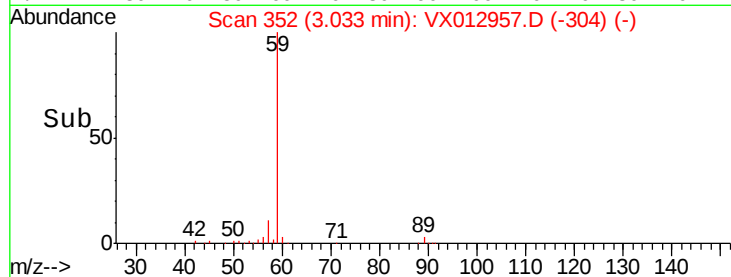
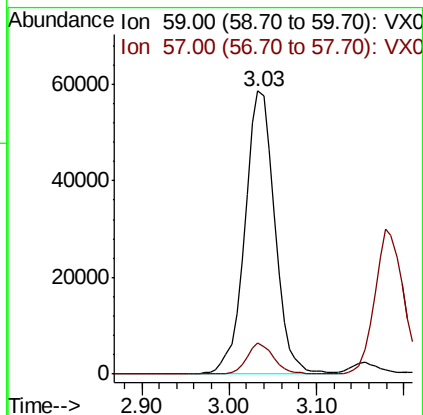
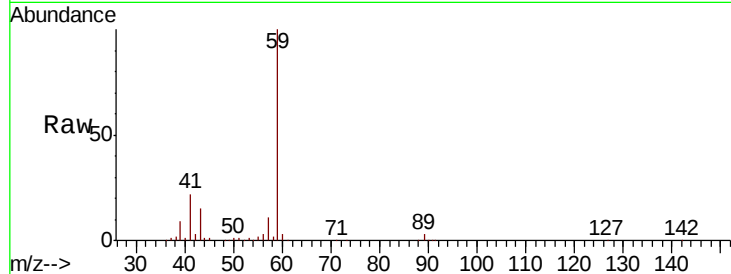


#11

Tert butyl alcohol
 Concen: 248.180 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

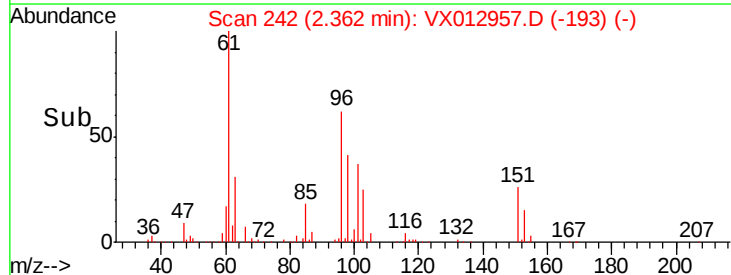
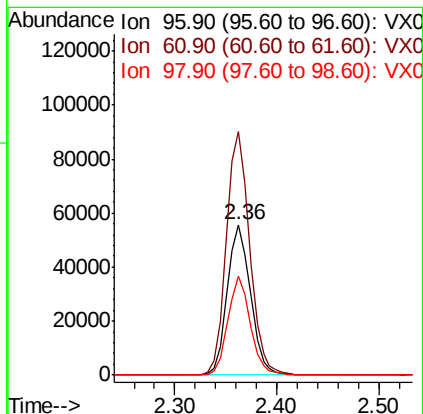
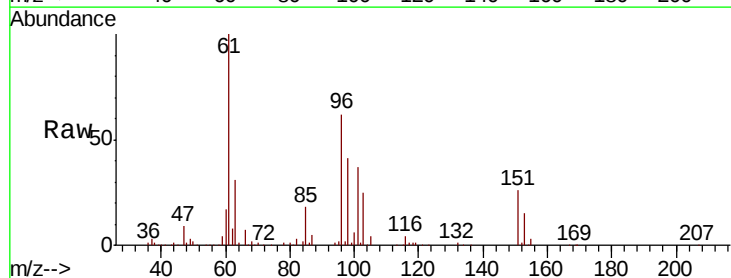
Tot Ion: 59 Resp: 139067
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.3 12.5

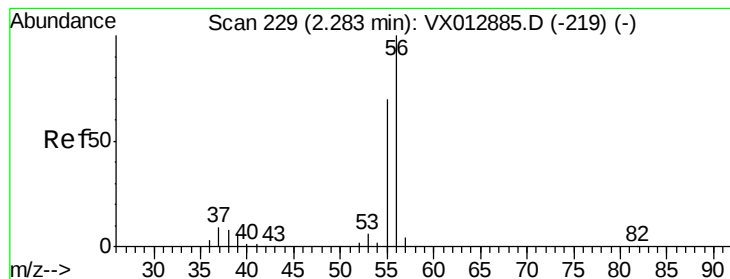


#12

1,1-Dichloroethene
 Concen: 51.526 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Tgt Ion: 96 Resp: 88061
 Ion Ratio Lower Upper
 96 100
 61 161.7 132.2 198.4
 98 65.5 50.5 75.7





#13

Acrolein

Concen: 235.117 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

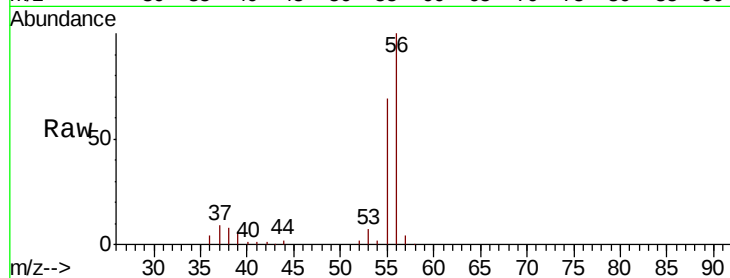
VSTDCCC050

Tot Ion: 56 Resp: 93627

Ion Ratio Lower Upper

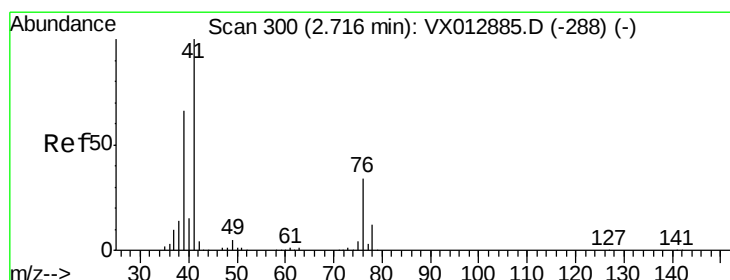
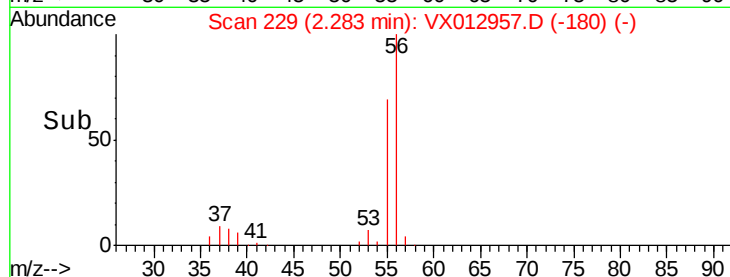
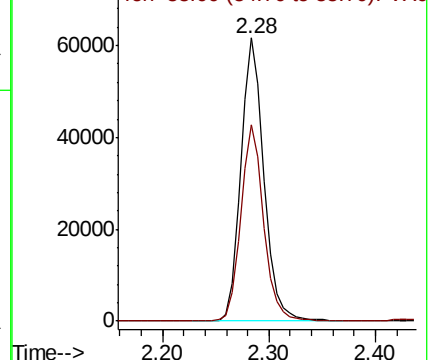
56 100

55 68.5 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.510 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

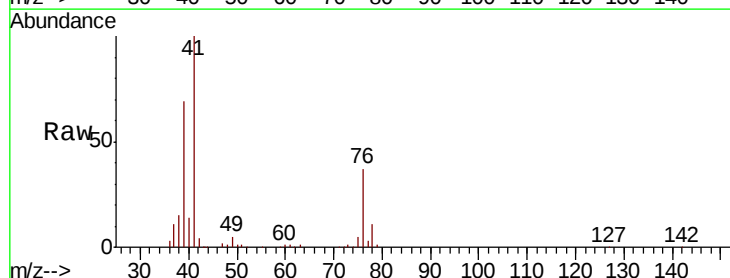
Tgt Ion: 41 Resp: 156774

Ion Ratio Lower Upper

41 100

39 63.8 51.0 76.6

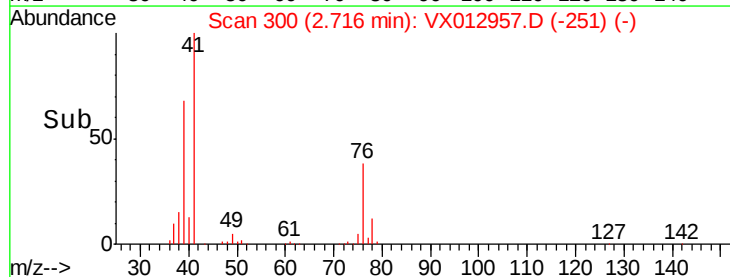
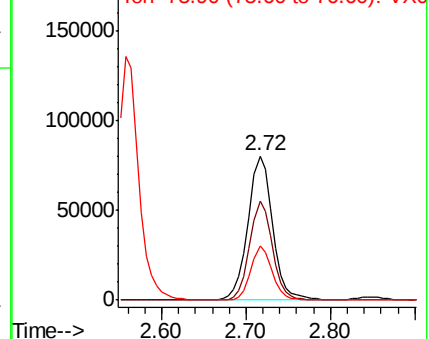
76 32.7 26.2 39.4

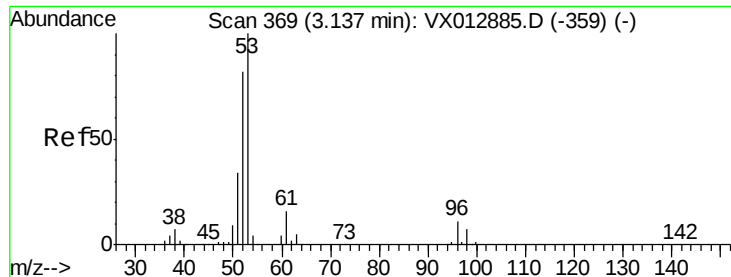


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 265.524 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

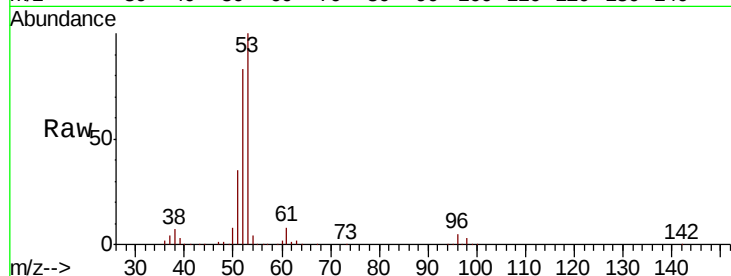
Tot Ion: 53 Resp: 281960

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.2

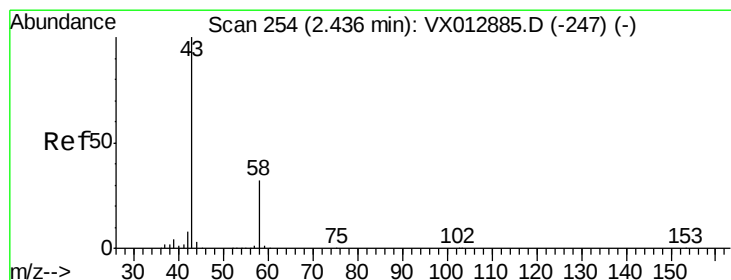
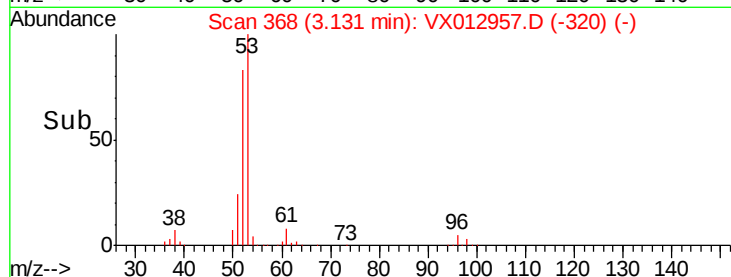
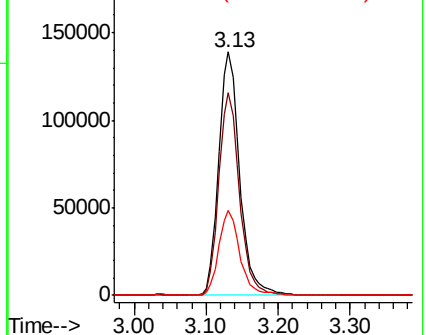
51 35.4 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 220.404 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012957.D

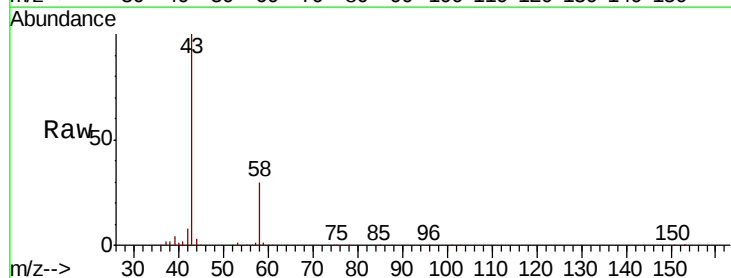
Acq: 09 Oct 2019 21:11

Tgt Ion: 43 Resp: 245570

Ion Ratio Lower Upper

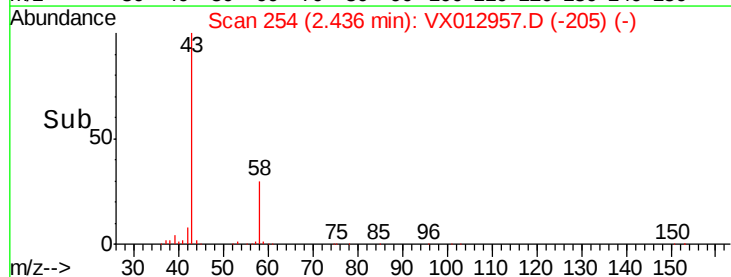
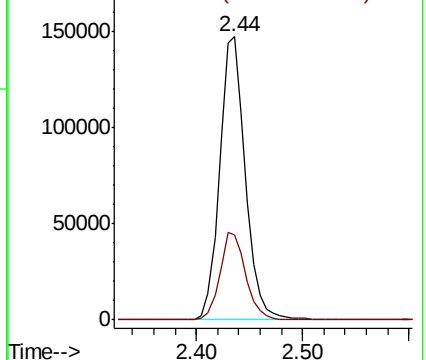
43 100

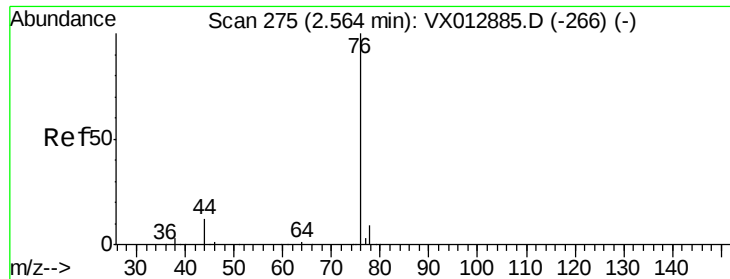
58 30.0 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

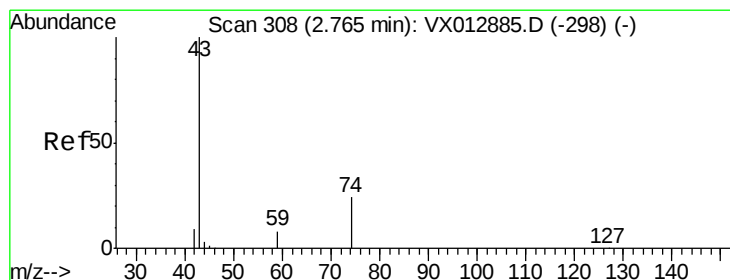
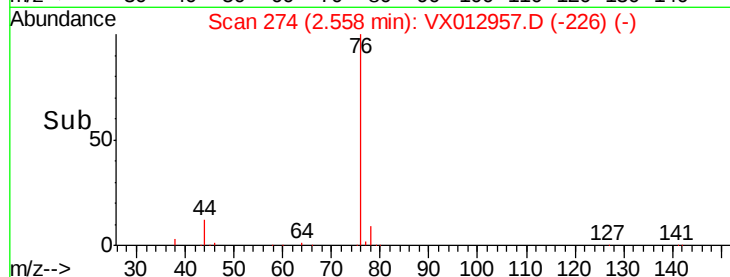
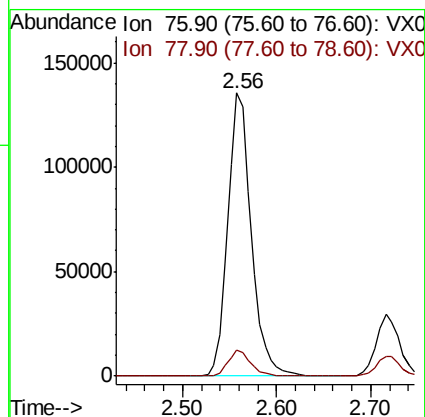
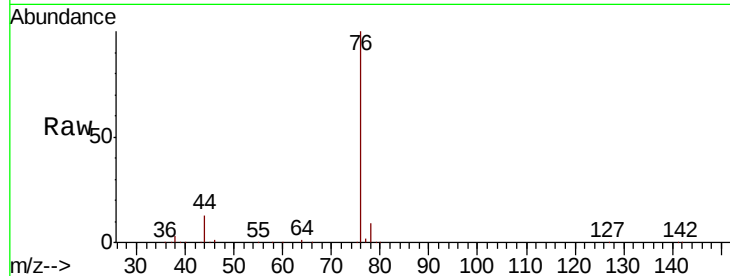




#17
Carbon Disulfide
Concen: 48.151 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

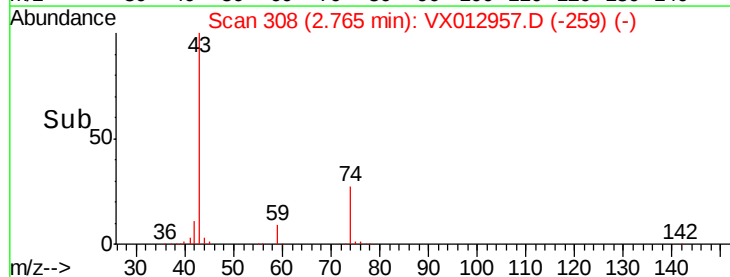
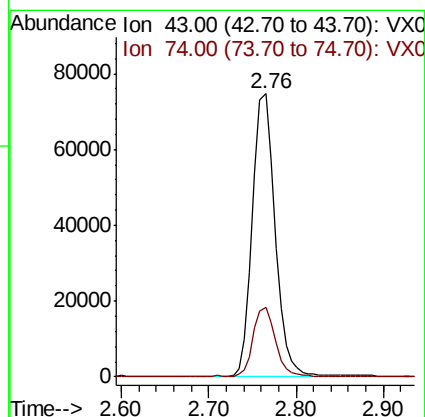
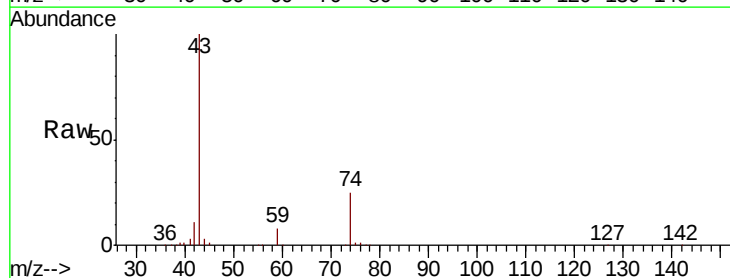
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

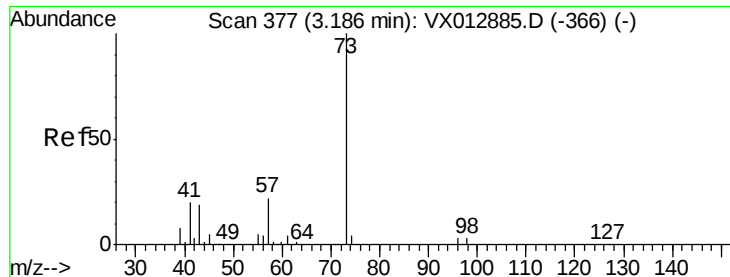
Tot Ion: 76 Resp: 234650
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 51.647 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion: 43 Resp: 136395
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8

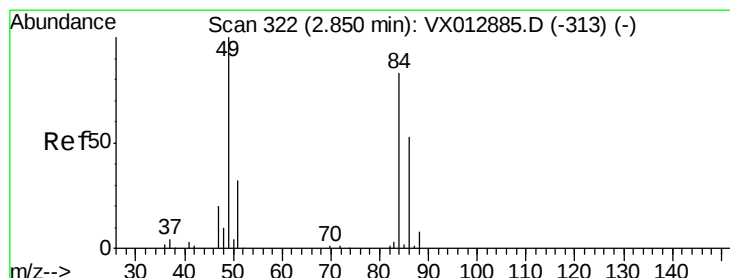
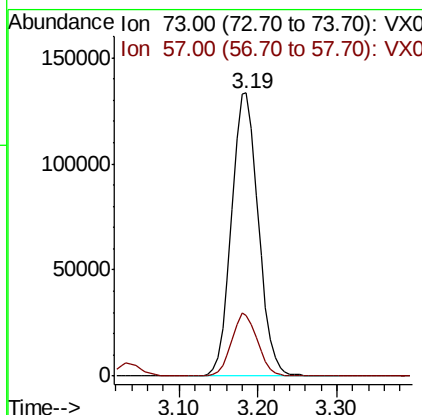
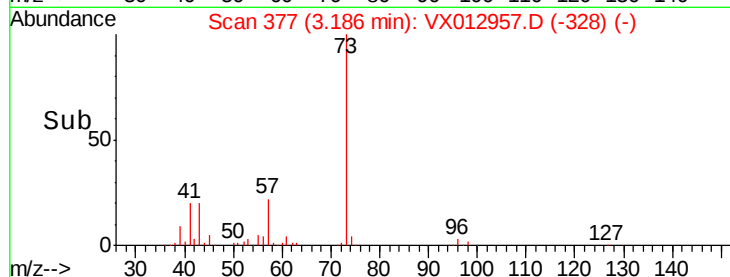
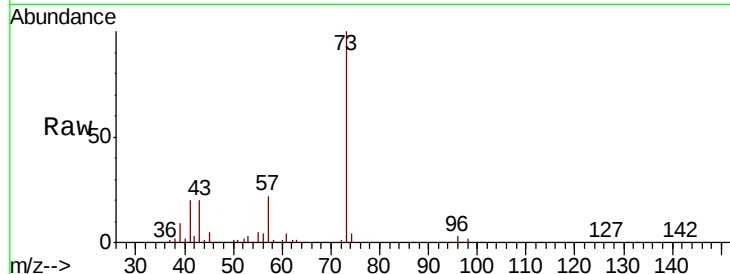




#19
Methyl tert-butyl Ether
Concen: 53.519 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

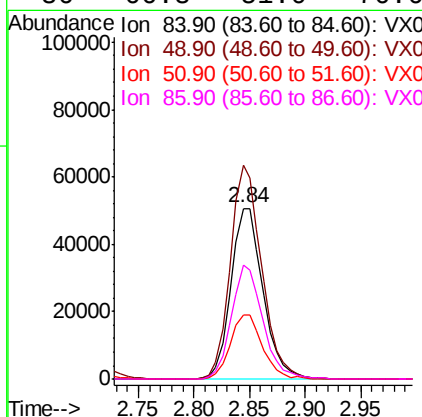
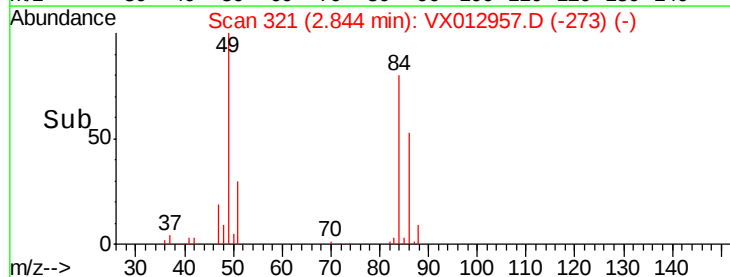
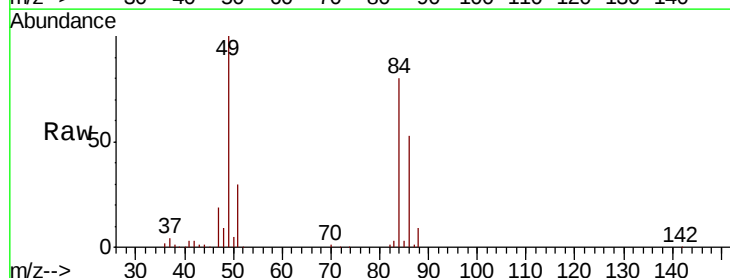
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

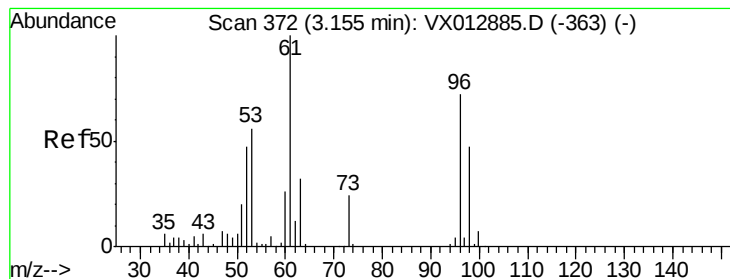
Tot Ion: 73 Resp: 315865
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.6



#20
Methylene Chloride
Concen: 49.220 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion: 84 Resp: 100786
Ion Ratio Lower Upper
84 100
49 125.5 96.6 144.8
51 37.7 30.7 46.1
86 66.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.876 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

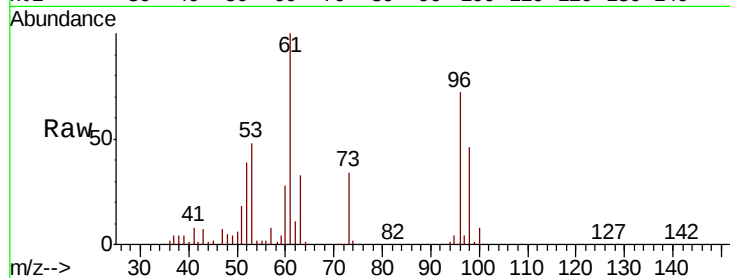
Tot Ion: 96 Resp: 93194

Ion Ratio Lower Upper

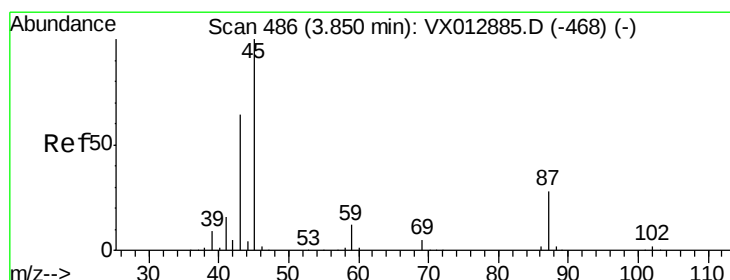
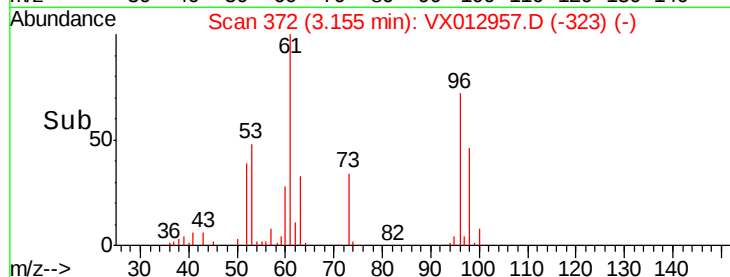
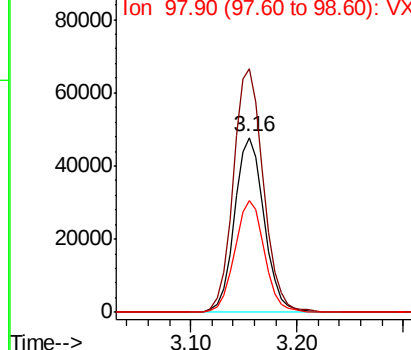
96 100

61 139.1 110.4 165.6

98 63.9 51.5 77.3



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



#22

Diisopropyl ether

Concen: 53.542 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Tgt Ion: 45 Resp: 312264

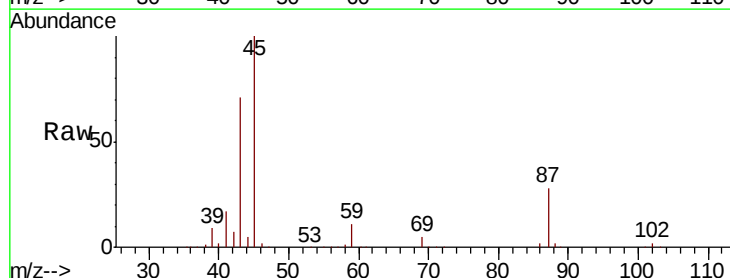
Ion Ratio Lower Upper

45 100

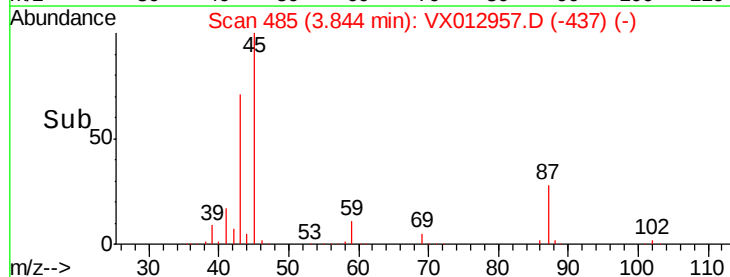
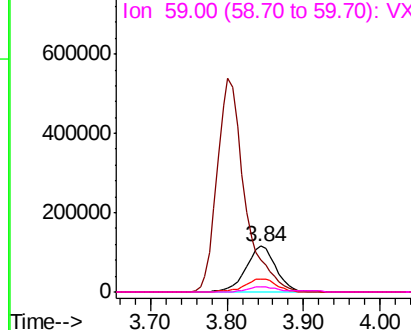
43 70.5 51.4 77.0

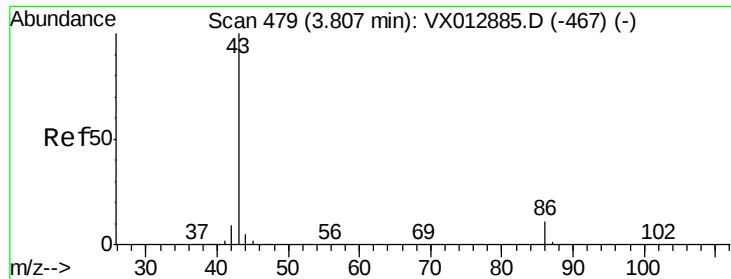
87 28.2 22.5 33.7

59 11.0 9.7 14.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

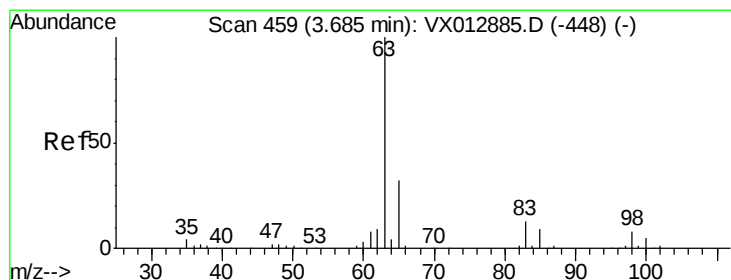
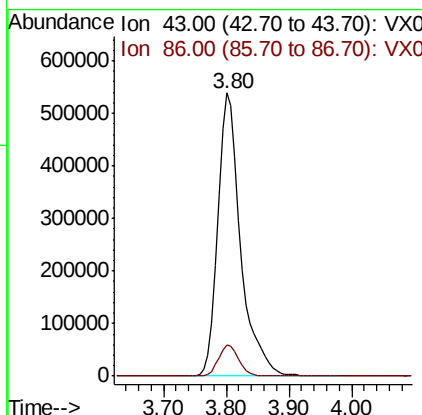
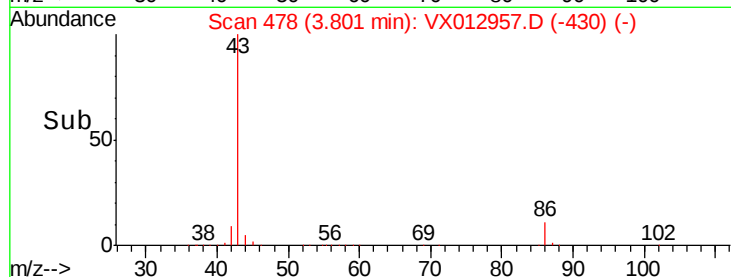
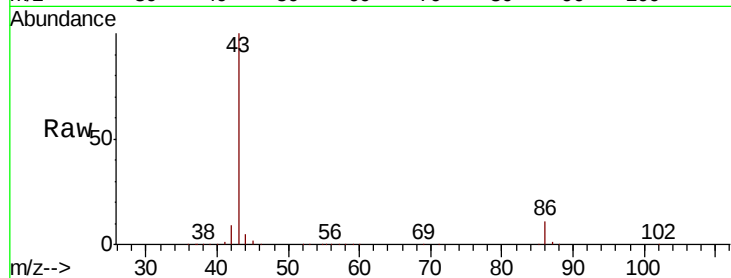




#23
 Vinyl Acetate
 Concen: 269.420 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

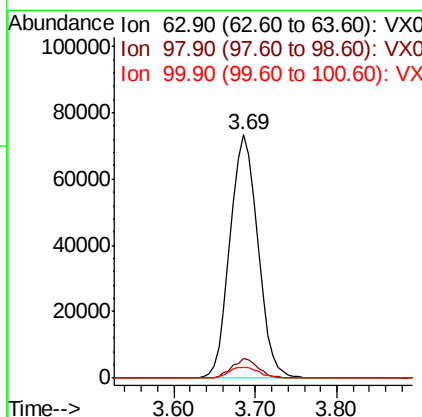
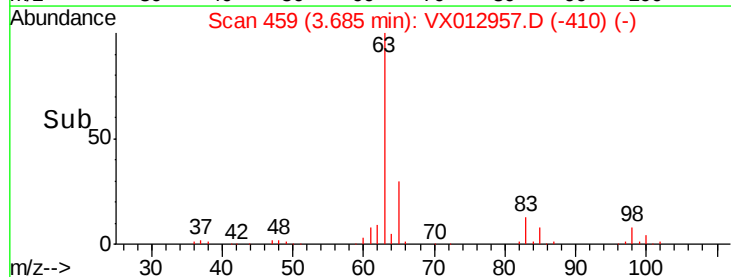
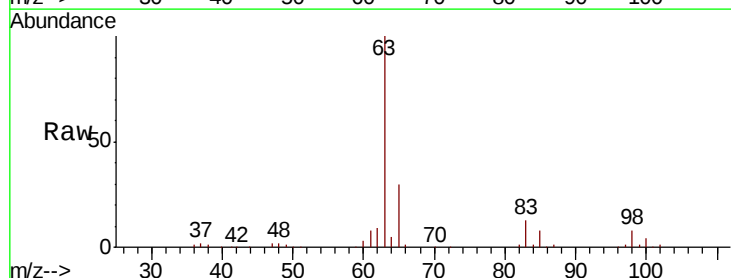
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

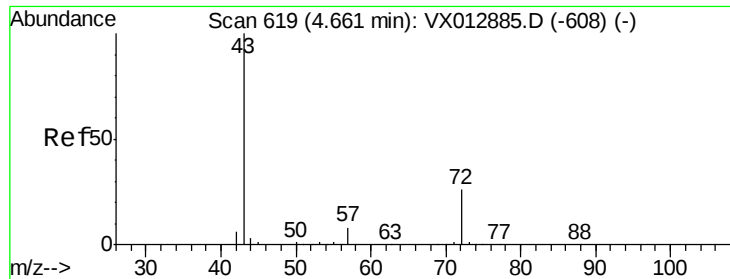
Tot Ion: 43 Resp: 1356442
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 52.771 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Tgt Ion: 63 Resp: 173139
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.5
 100 4.3 2.3 6.9





#25

2-Butanone

Concen: 250.899 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

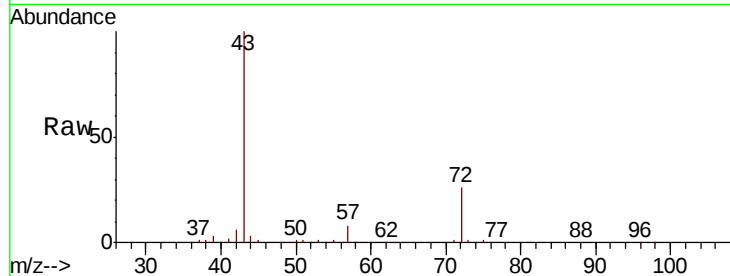
VSTDCCC050

Tot Ion: 43 Resp: 387833

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

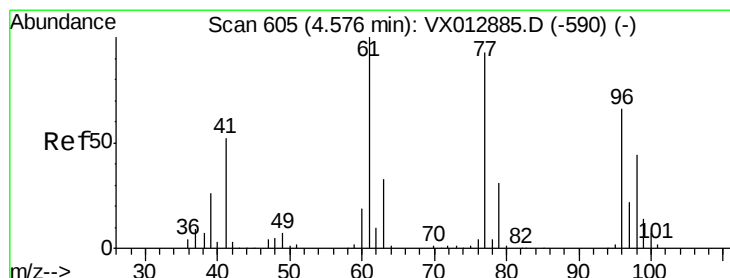
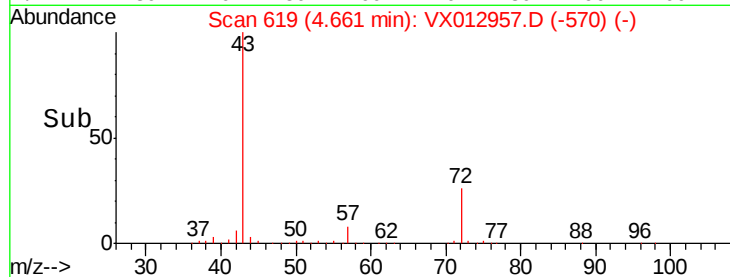
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 48.756 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012957.D

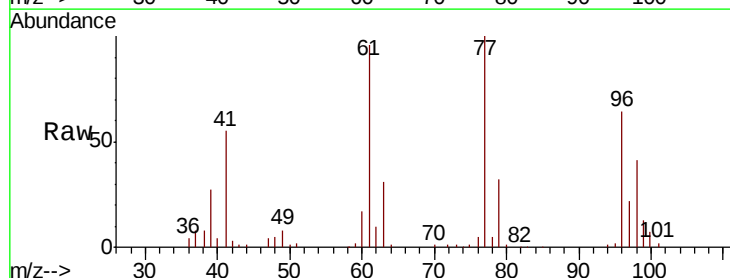
Acq: 09 Oct 2019 21:11

Tgt Ion: 77 Resp: 134519

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

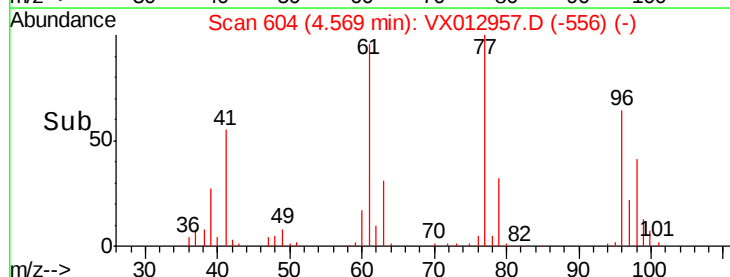
20000

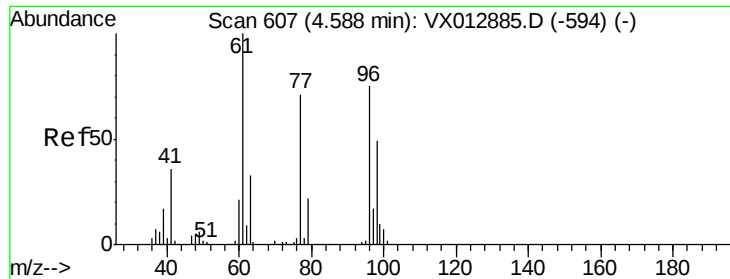
10000

0

4.40 4.50 4.60 4.70

Time-->



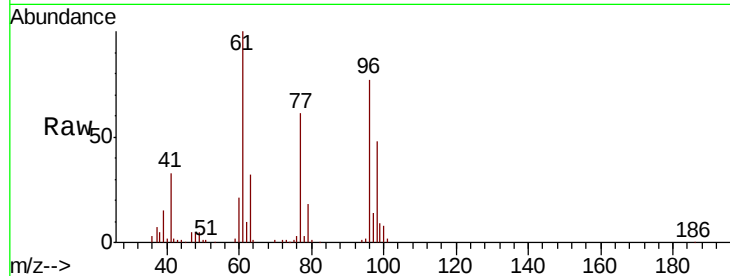


#27

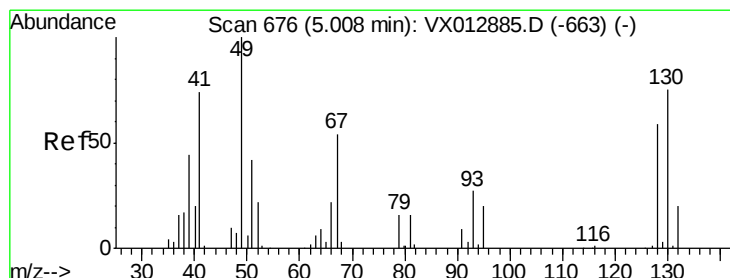
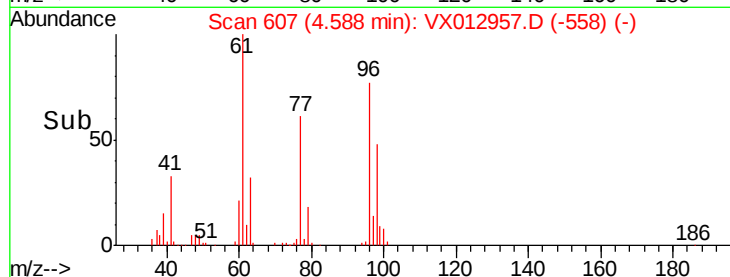
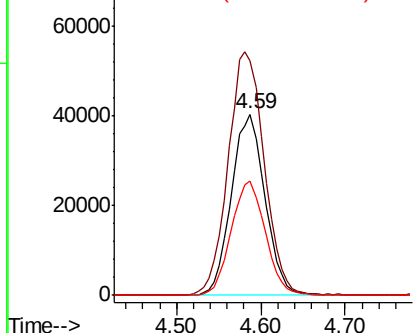
cis-1,2-Dichloroethene
 Concen: 51.862 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	290.6
98	63.8	0.0	128.8



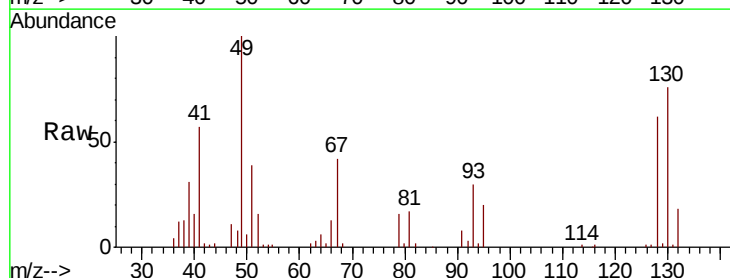
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



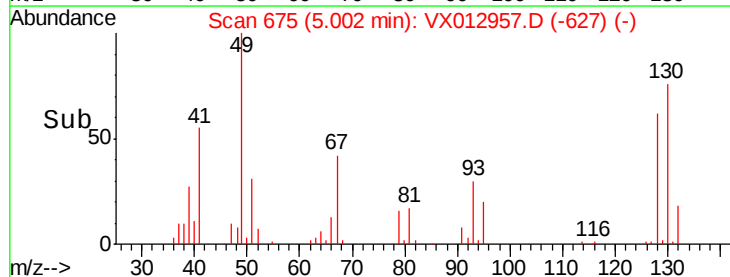
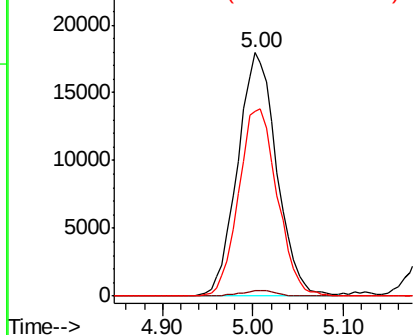
#28

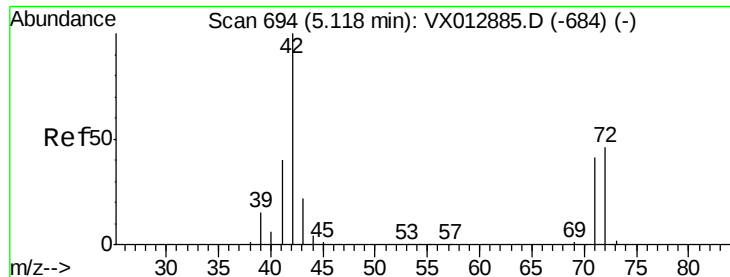
Bromochloromethane
 Concen: 54.791 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	75.8	62.1	93.1



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: 262.754 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

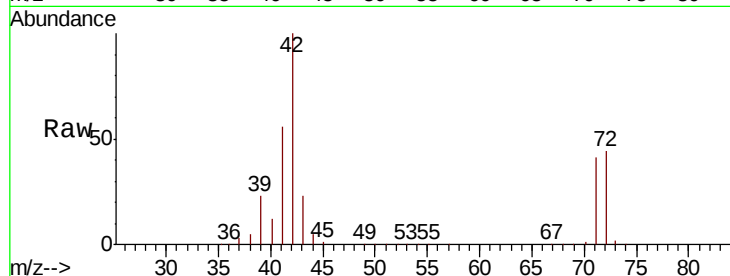
Tot Ion: 42 Resp: 249936

Ion Ratio Lower Upper

42 100

72 44.9 36.9 55.3

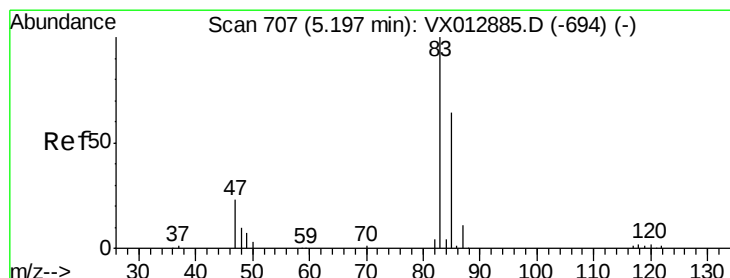
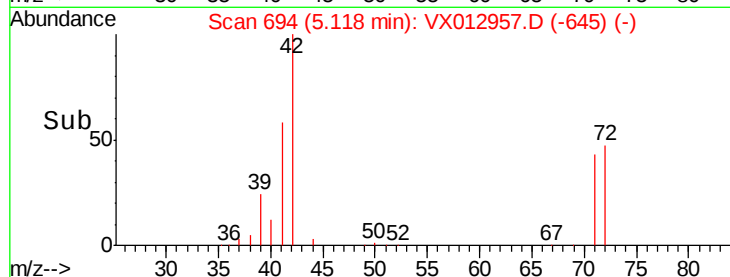
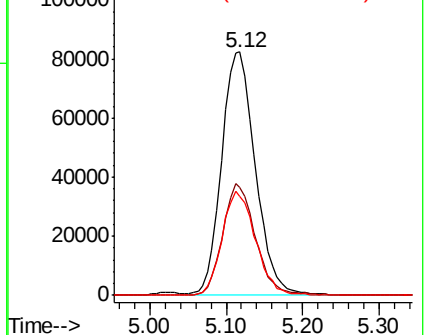
71 42.5 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.776 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX012957.D

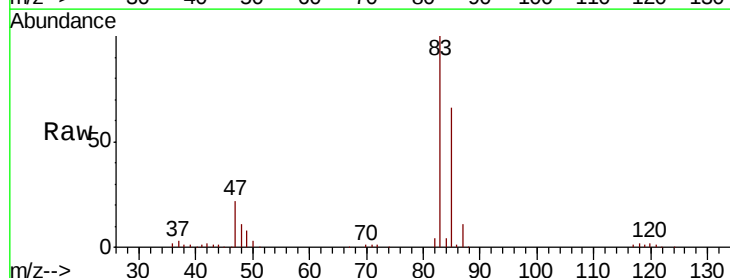
Acq: 09 Oct 2019 21:11

Tgt Ion: 83 Resp: 174307

Ion Ratio Lower Upper

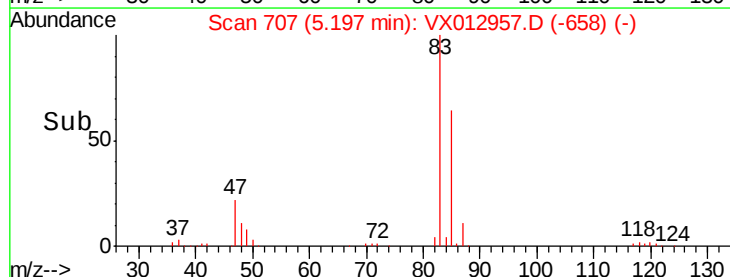
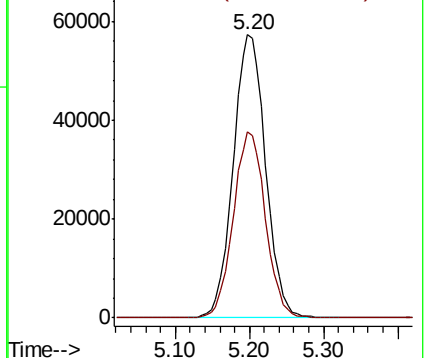
83 100

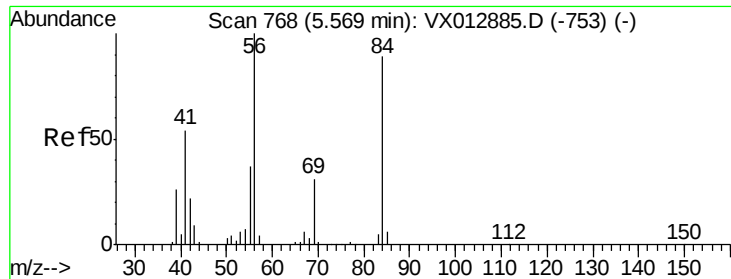
85 65.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

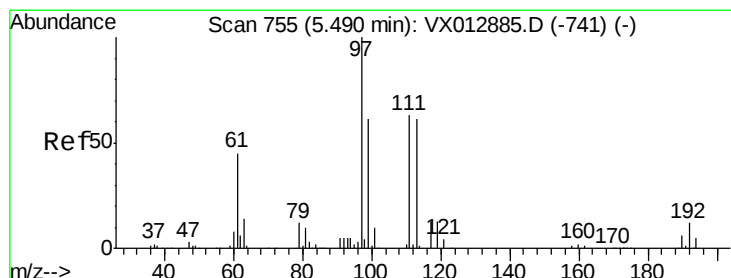
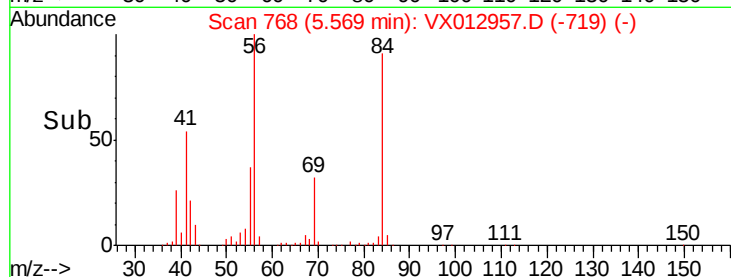
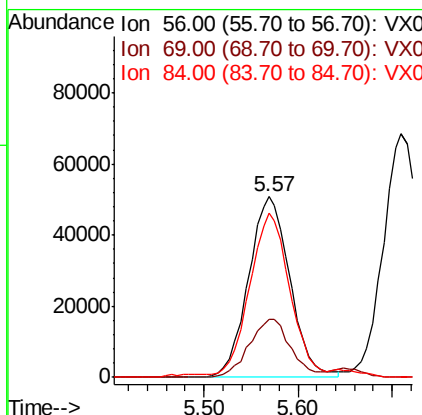
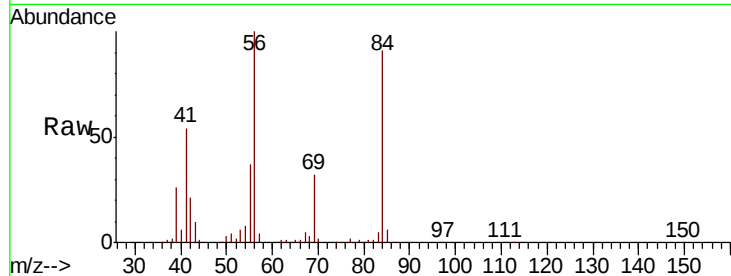




#31
Cyclohexane
Concen: 50.901 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

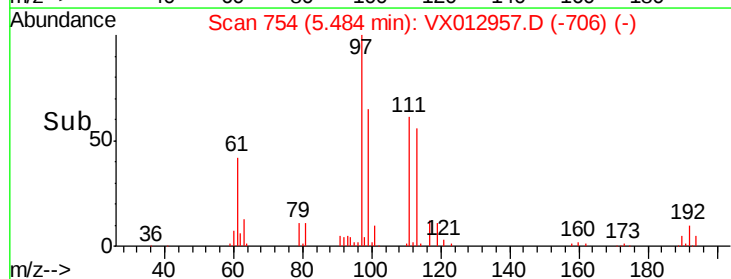
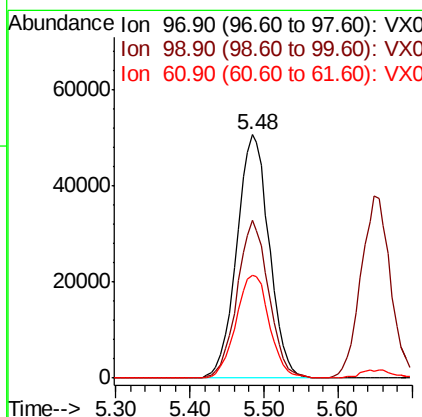
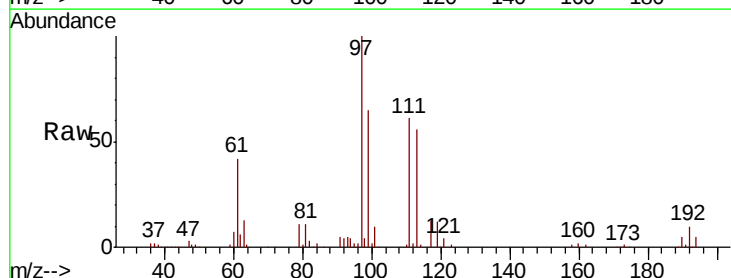
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

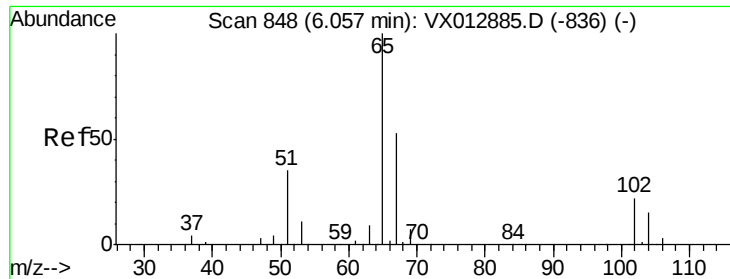
Tot Ion: 56 Resp: 156161
Ion Ratio Lower Upper
56 100
69 32.1 25.2 37.8
84 89.3 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 54.120 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion: 97 Resp: 154378
Ion Ratio Lower Upper
97 100
99 63.1 52.3 78.5
61 43.7 35.0 52.4

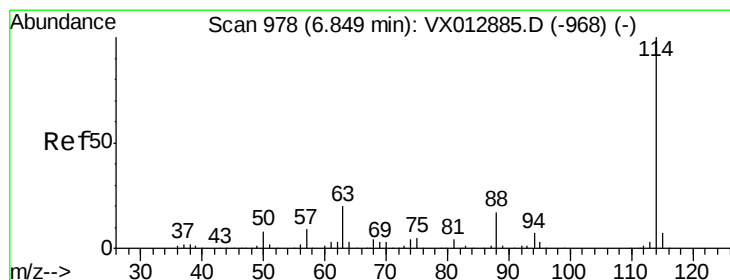
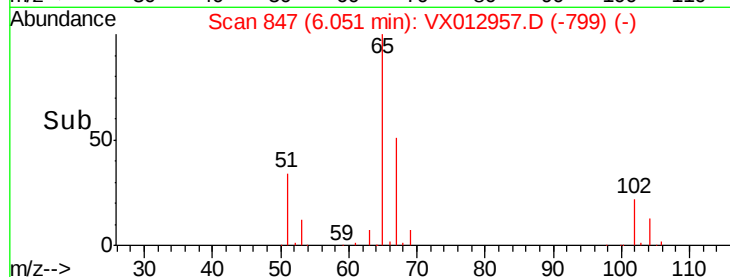
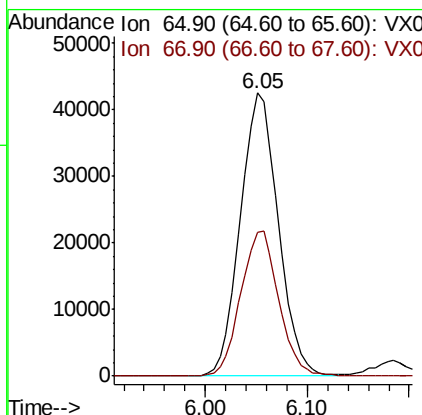
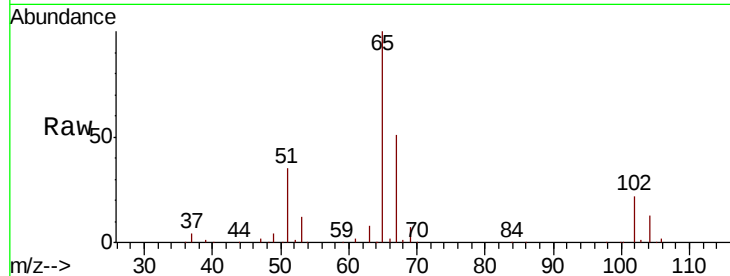




#33
 1,2-Dichloroethane-d4
 Concen: 52.172 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

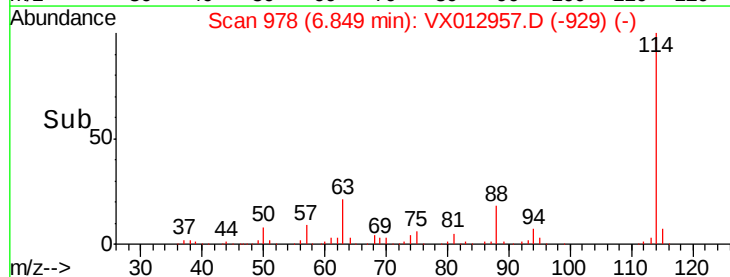
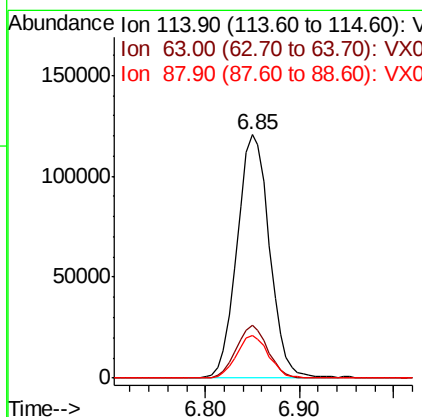
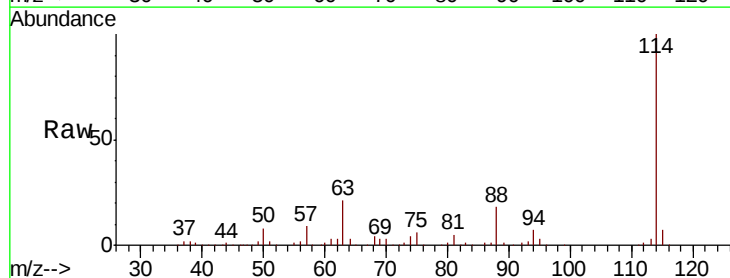
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

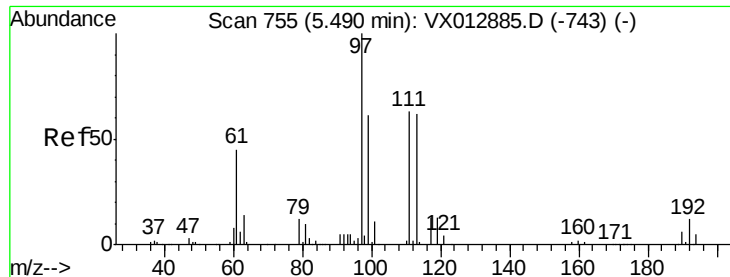
Tot Ion: 65 Resp: 110281
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Tgt Ion: 114 Resp: 288217
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.8
 88 17.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.667 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

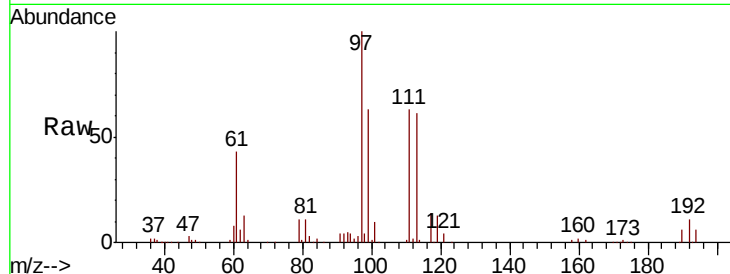
Tot Ion:113 Resp: 85468

Ion Ratio Lower Upper

113 100

111 103.3 83.2 124.8

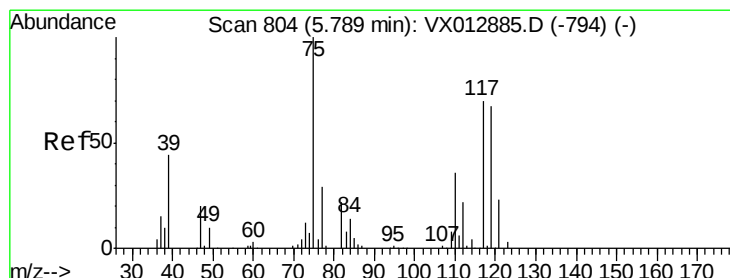
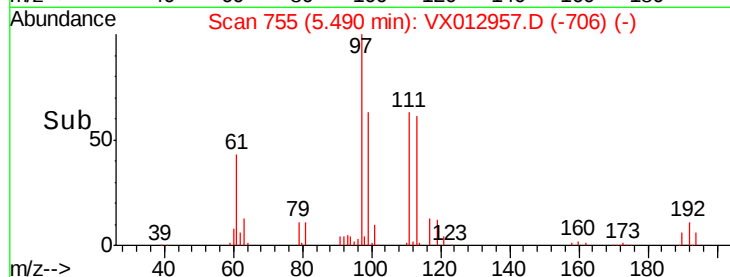
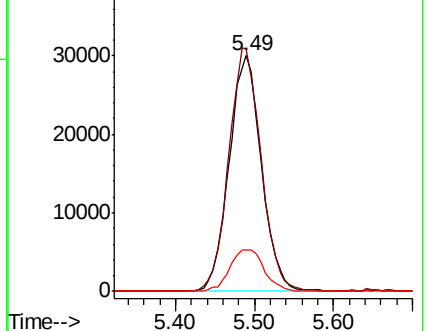
192 18.8 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.943 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

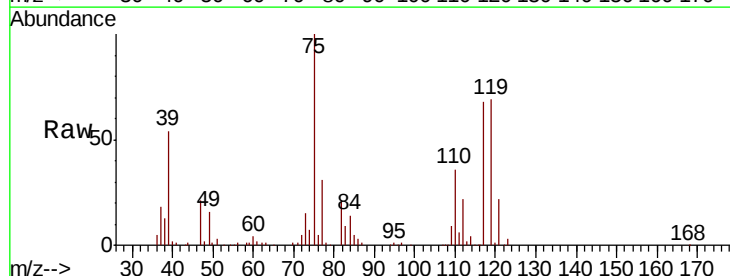
Tgt Ion: 75 Resp: 131625

Ion Ratio Lower Upper

75 100

110 34.9 17.6 52.9

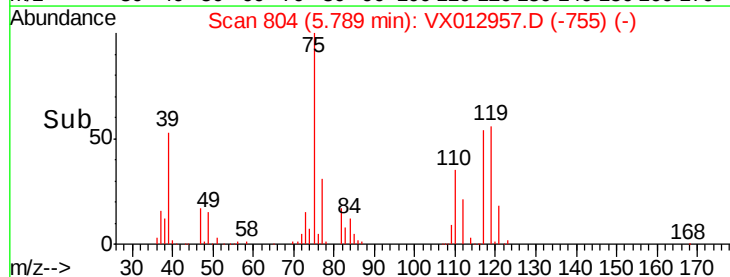
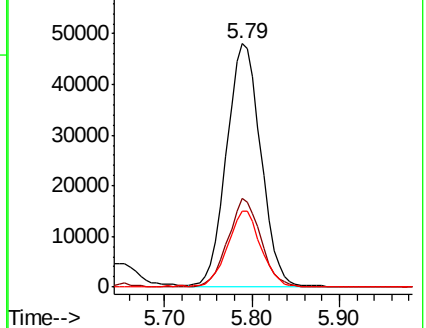
77 30.8 24.4 36.6

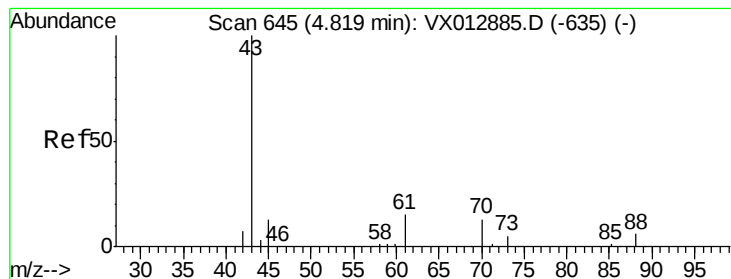


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.680 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

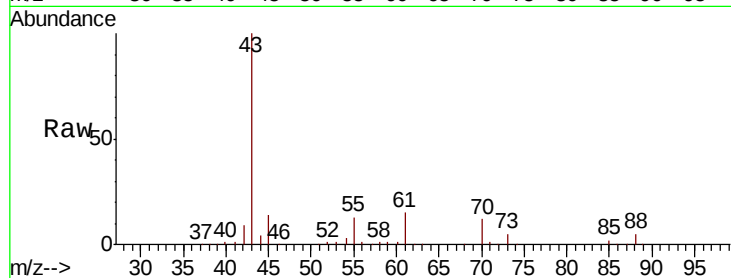
Tot Ion: 43 Resp: 146437

Ion Ratio Lower Upper

43 100

61 14.5 11.4 17.0

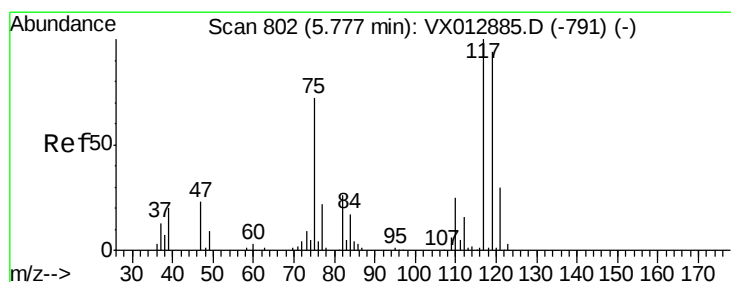
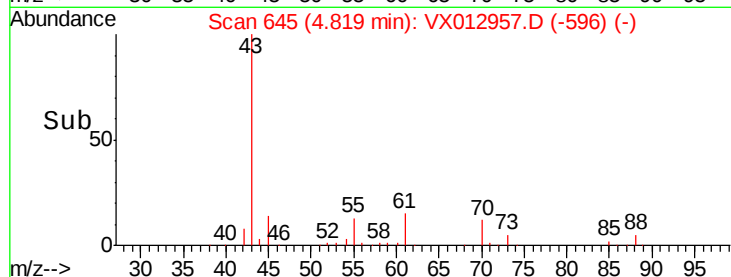
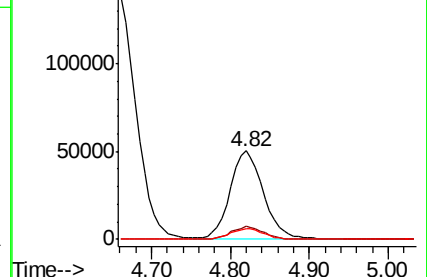
70 12.3 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VX012885.D (-635) (-)

Ion 60.90 (60.60 to 61.60): VX012885.D (-635) (-)

Ion 70.00 (69.70 to 70.70): VX012885.D (-635) (-)



#38

Carbon Tetrachloride

Concen: 52.489 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

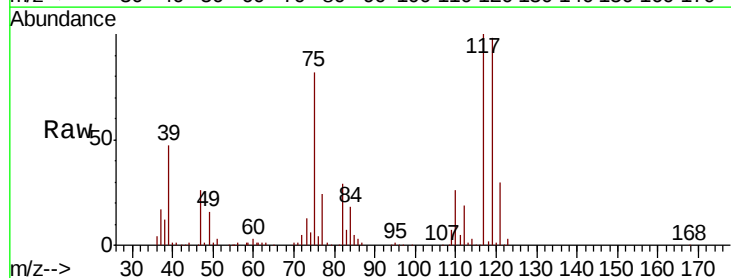
Tgt Ion: 117 Resp: 129463

Ion Ratio Lower Upper

117 100

119 98.0 74.5 111.7

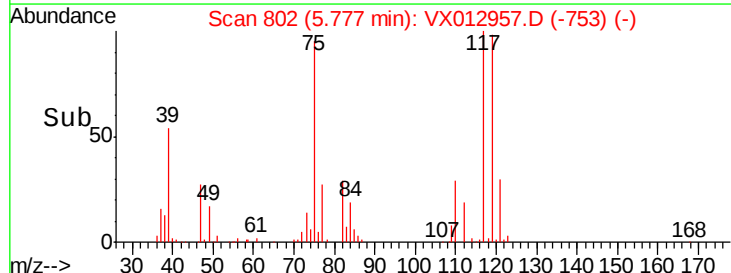
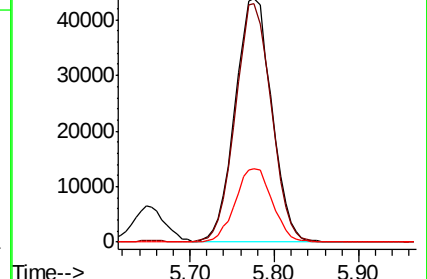
121 30.3 24.2 36.4

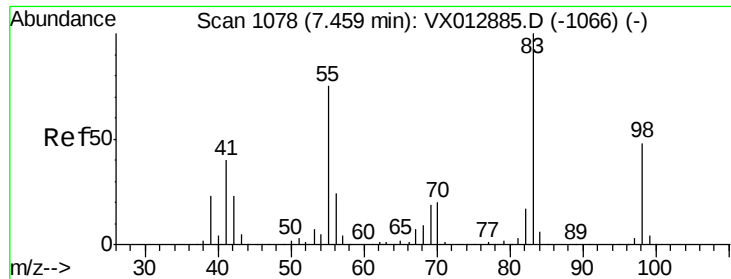


Abundance Ion 116.80 (116.50 to 117.50): VX012885.D (-791) (-)

Ion 118.80 (118.50 to 119.50): VX012885.D (-791) (-)

Ion 120.80 (120.50 to 121.50): VX012885.D (-791) (-)

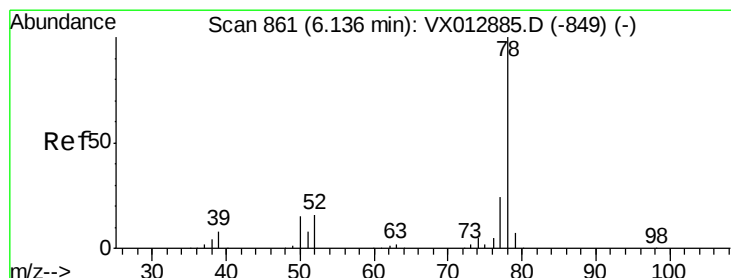
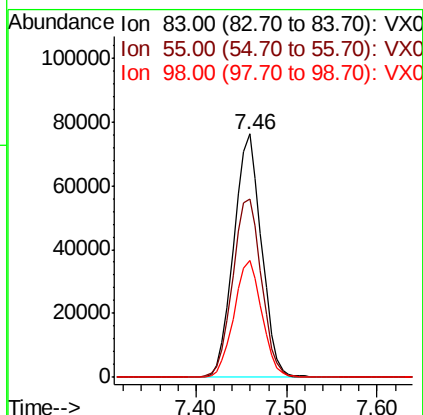
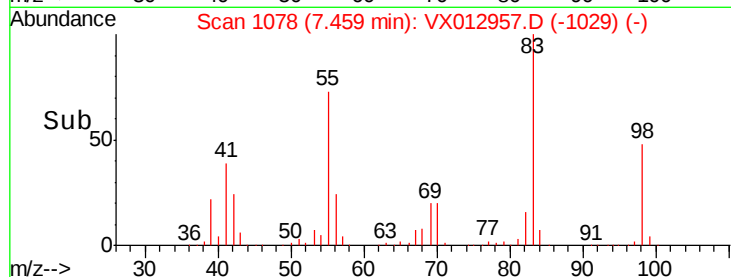
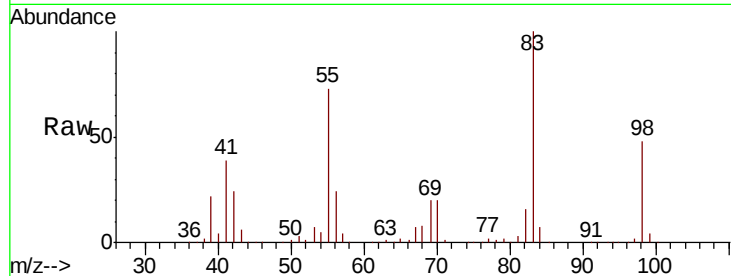




#39
Methvlcvclohexane
Concen: 52.561 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

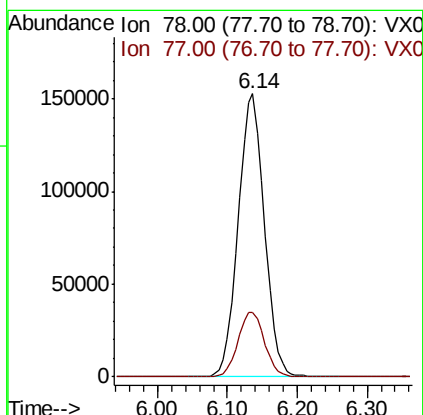
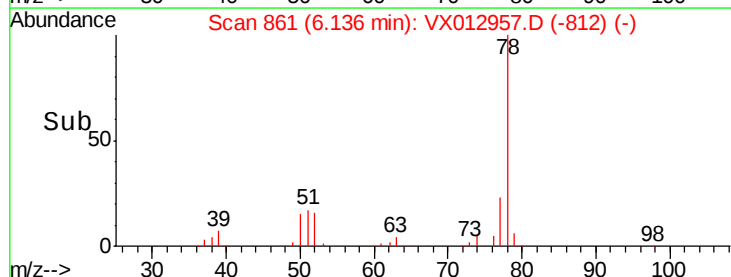
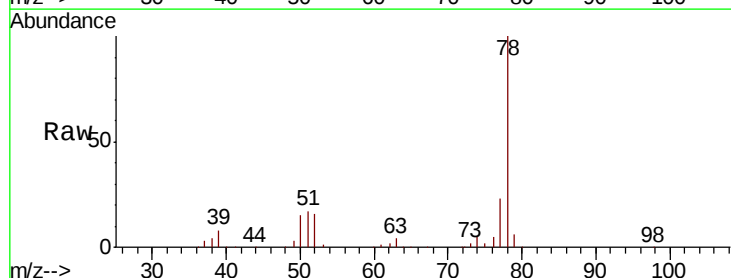
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 161523
Ion Ratio Lower Upper
83 100
55 73.5 60.2 90.4
98 48.3 38.5 57.7



#40
Benzene
Concen: 52.960 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion: 78 Resp: 396366
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

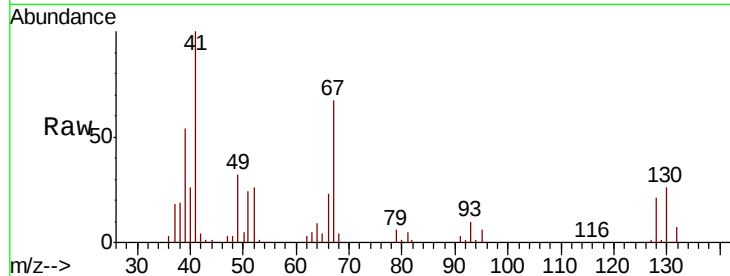




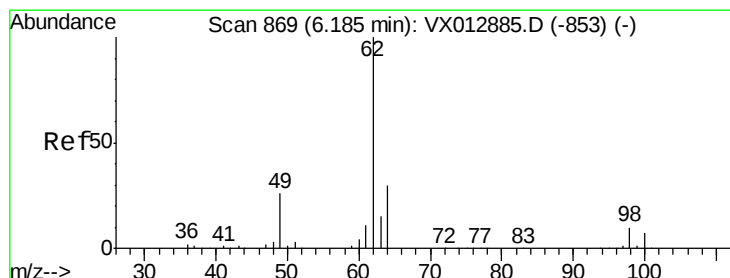
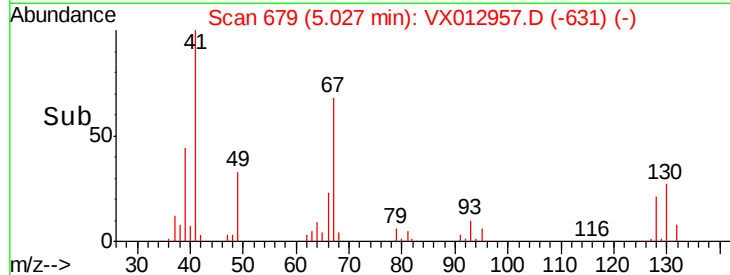
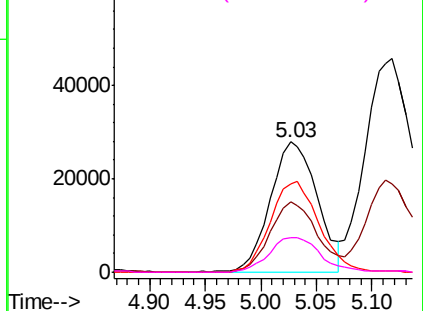
#41
Methacrylonitrile
Concen: 52.790 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	82193
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.0	66.0
67	72.5	58.5	87.7
52	29.1	23.8	35.8

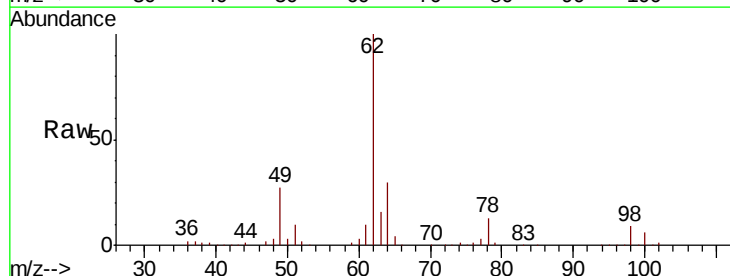


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

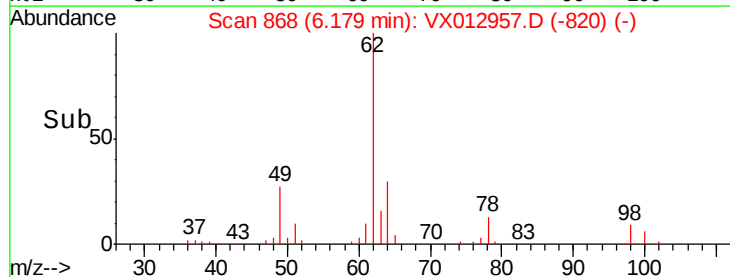
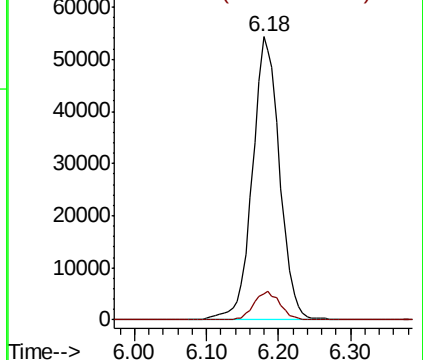


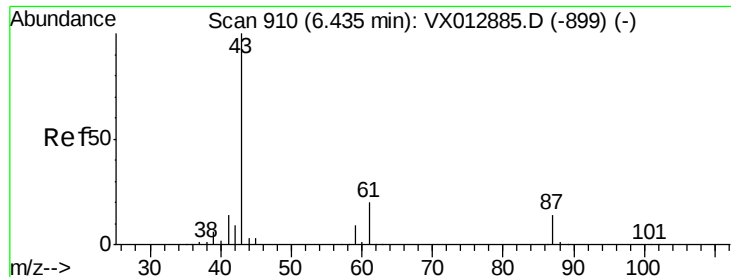
#42
1,2-Dichloroethane
Concen: 52.938 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion:	62	Resp:	142169
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.821 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

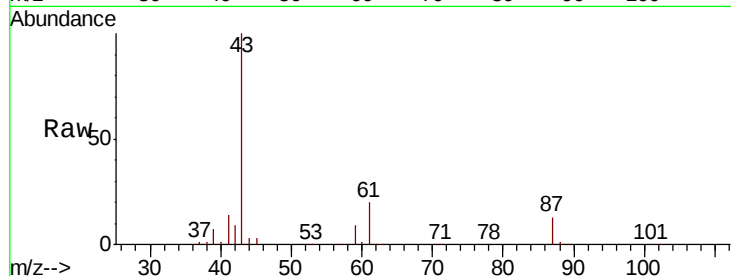
Tot Ion: 43 Resp: 240225

Ion Ratio Lower Upper

43 100

61 20.9 16.6 24.8

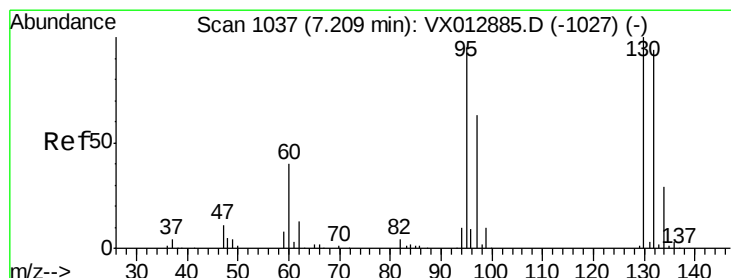
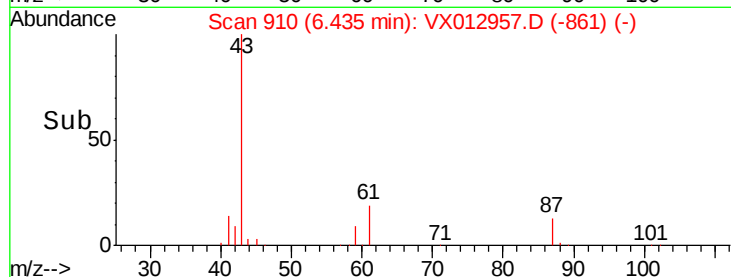
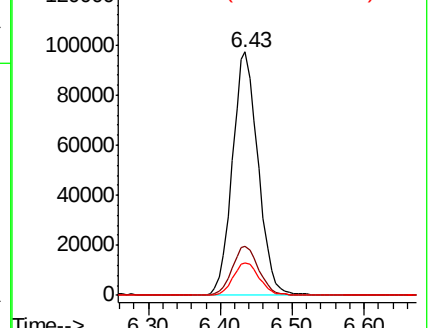
87 13.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX012885.D (-899) (-)

Ion 61.00 (60.70 to 61.70): VX012885.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VX012885.D (-899) (-)



#44

Trichloroethene

Concen: 49.021 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012957.D

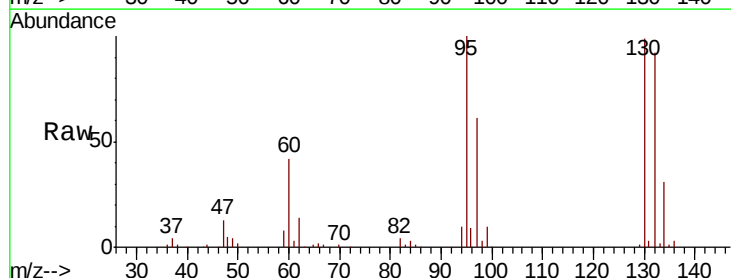
Acq: 09 Oct 2019 21:11

Tgt Ion: 130 Resp: 101738

Ion Ratio Lower Upper

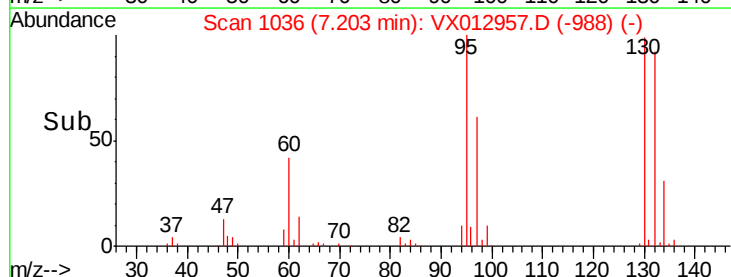
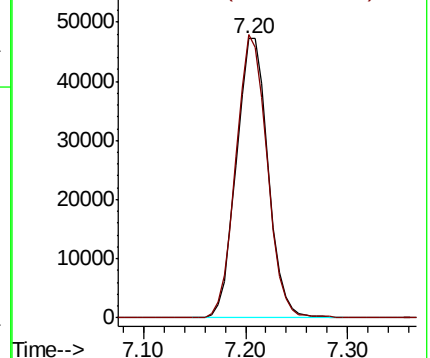
130 100

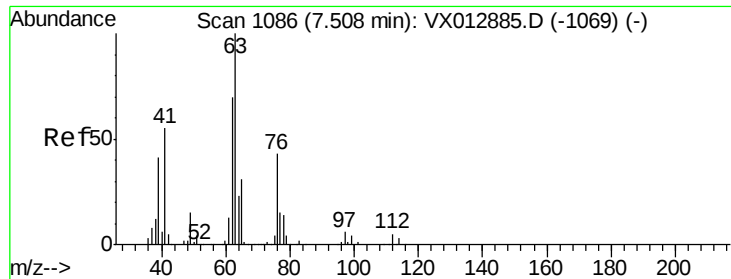
95 101.4 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VX012885.D (-1027) (-)

Ion 94.90 (94.60 to 95.60): VX012885.D (-1027) (-)

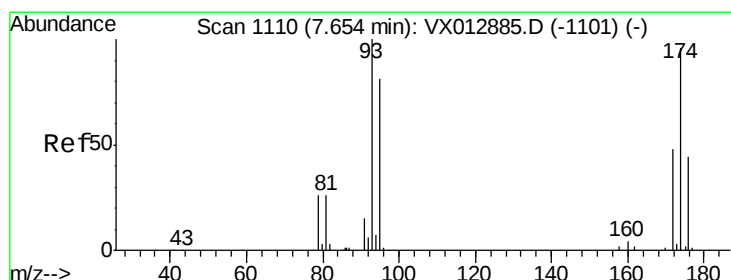
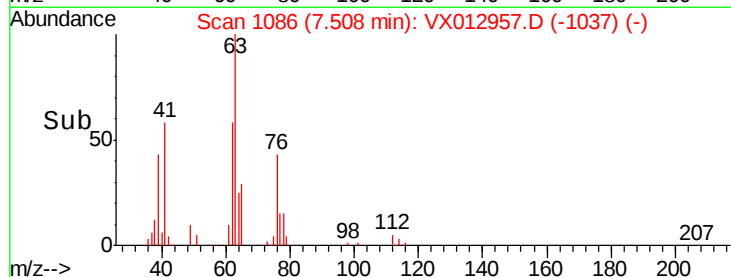
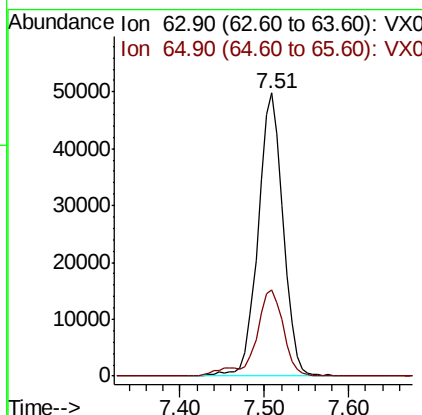
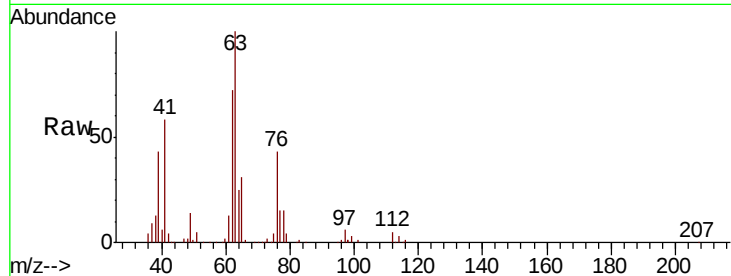




#45
 1,2-Dichloropropane
 Concen: 53.116 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

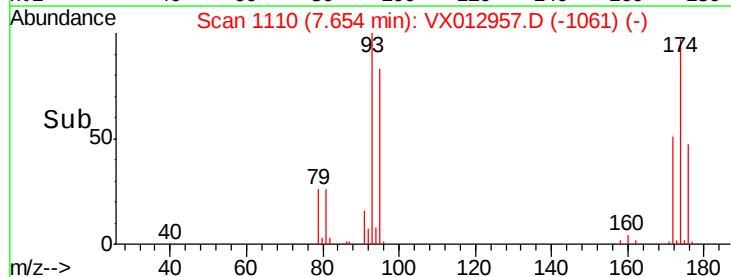
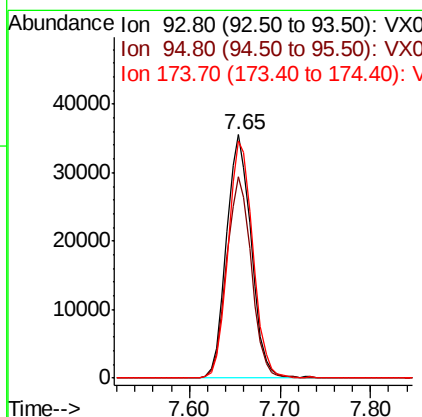
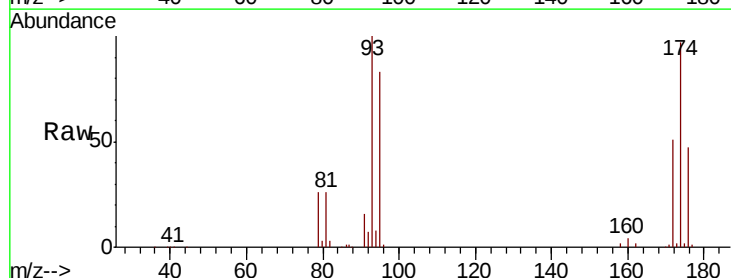
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

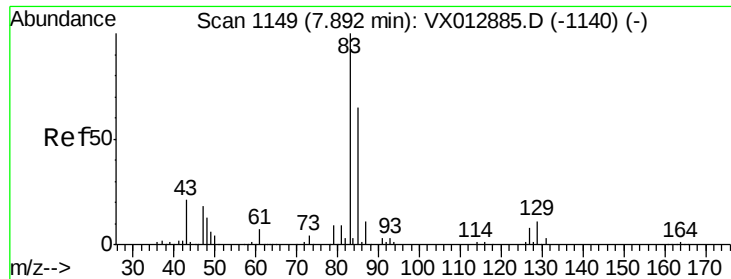
Tot Ion: 63 Resp: 101318
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 37.0



#46
 Dibromomethane
 Concen: 53.062 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Tgt Ion: 93 Resp: 67436
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.3 99.5
 174 97.2 77.8 116.6





#47

Bromodichloromethane

Concen: 54.533 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

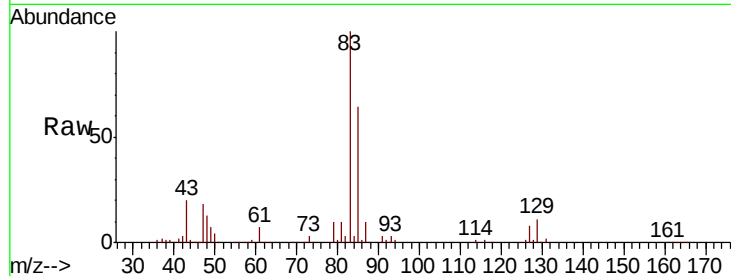
Tot Ion: 83 Resp: 135250

Ion Ratio Lower Upper

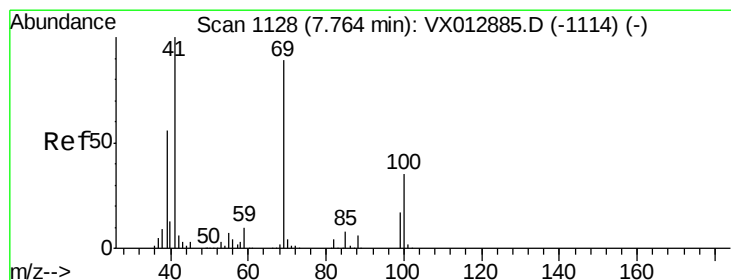
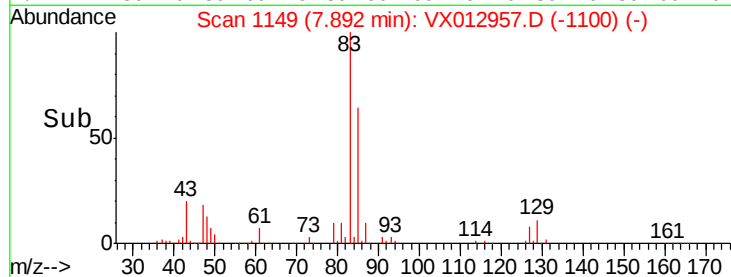
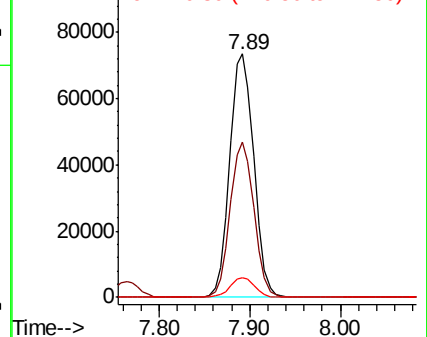
83 100

85 63.9 52.4 78.6

127 8.0 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: 53.440 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

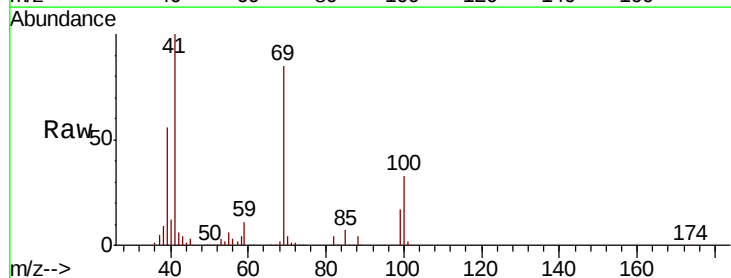
Tgt Ion: 41 Resp: 118435

Ion Ratio Lower Upper

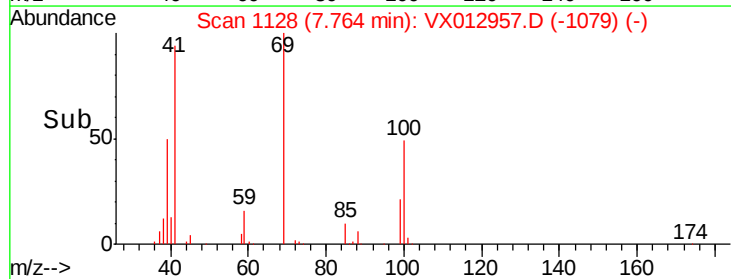
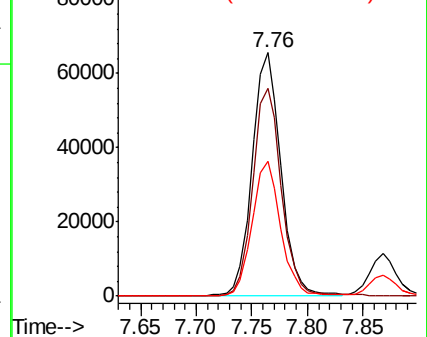
41 100

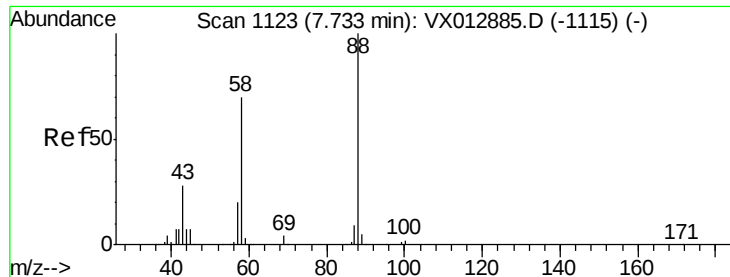
69 84.8 68.7 103.1

39 55.0 44.3 66.5



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: 992.910 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

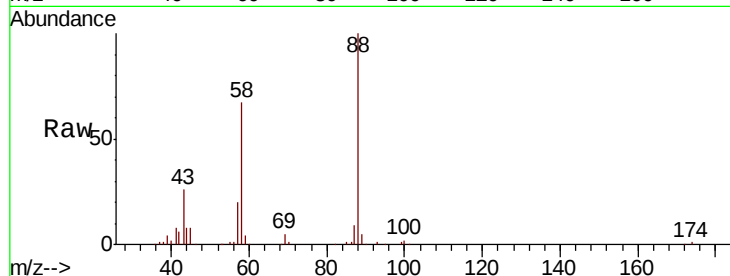
Tot Ion: 88 Resp: 59037

Ion Ratio Lower Upper

88 100

43 31.9 25.0 37.6

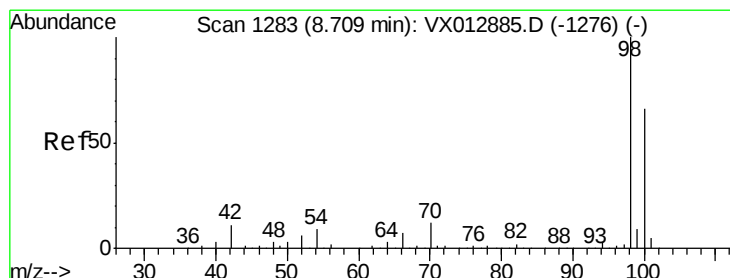
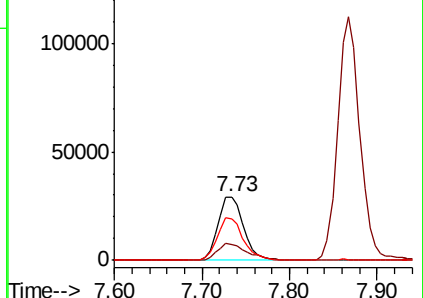
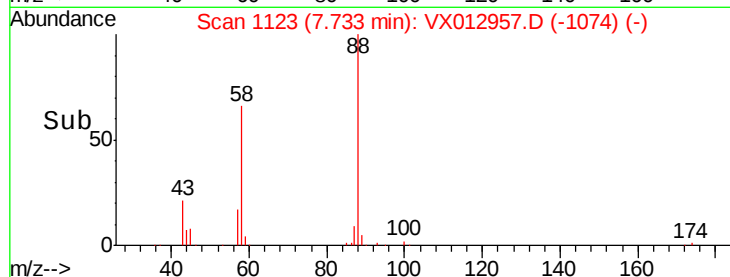
58 68.5 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.080 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012957.D

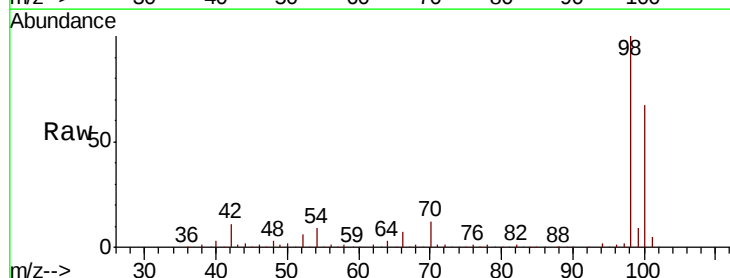
Acq: 09 Oct 2019 21:11

Tgt Ion: 98 Resp: 329561

Ion Ratio Lower Upper

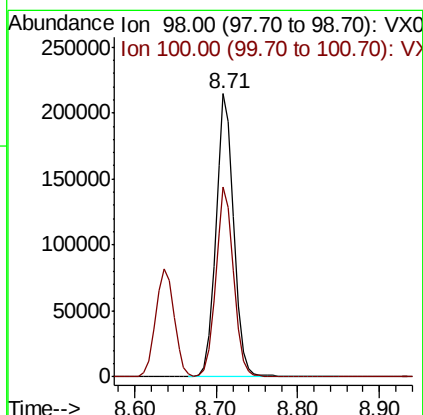
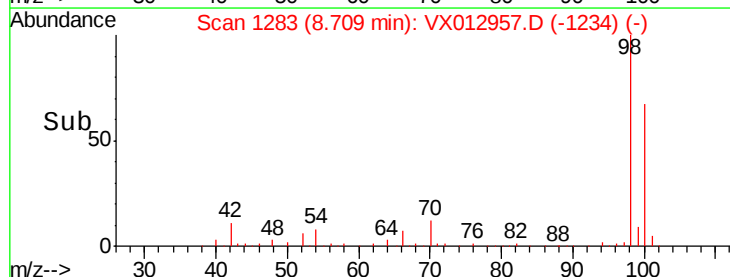
98 100

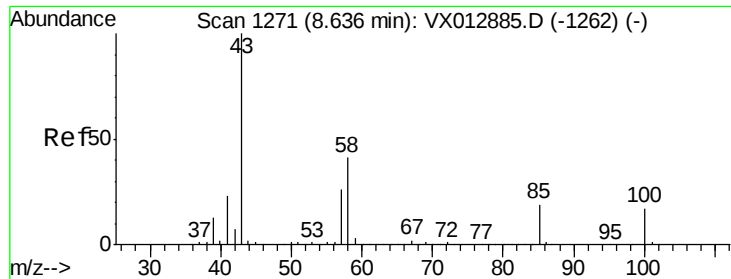
100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 265.246 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

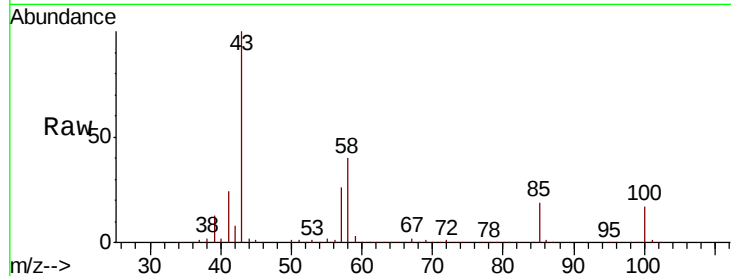
VSTDCCC050

Tot Ion: 43 Resp: 752107

Ion Ratio Lower Upper

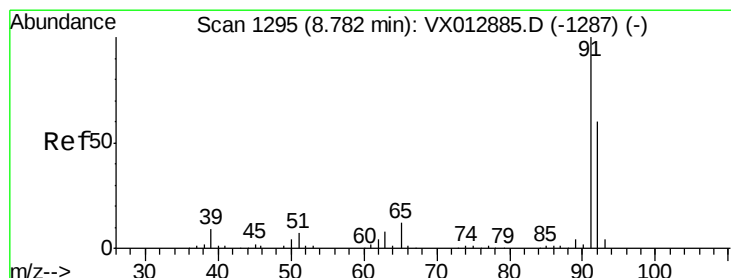
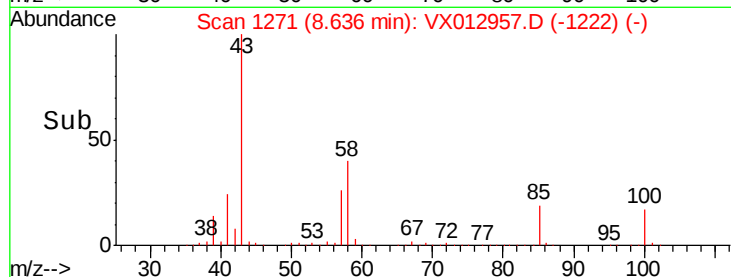
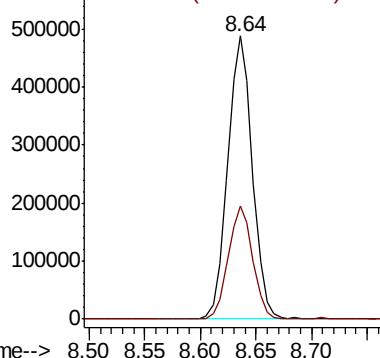
43 100

58 39.9 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.645 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012957.D

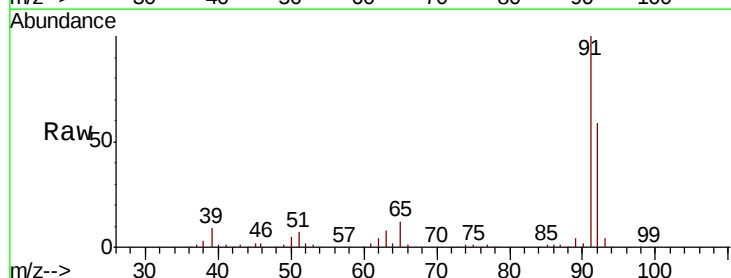
Acq: 09 Oct 2019 21:11

Tgt Ion: 92 Resp: 252068

Ion Ratio Lower Upper

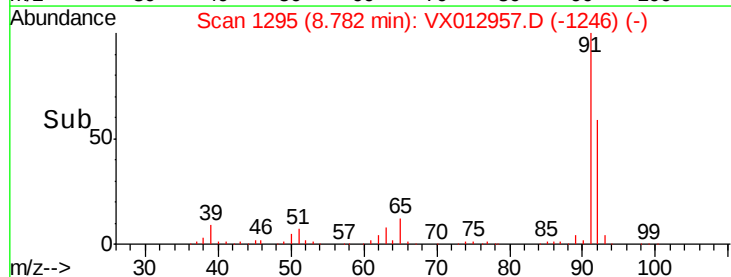
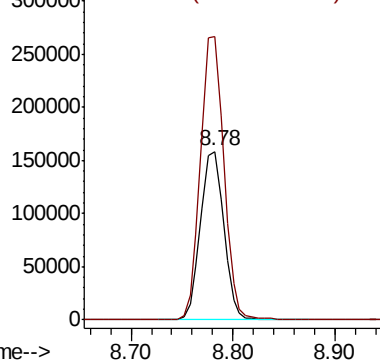
92 100

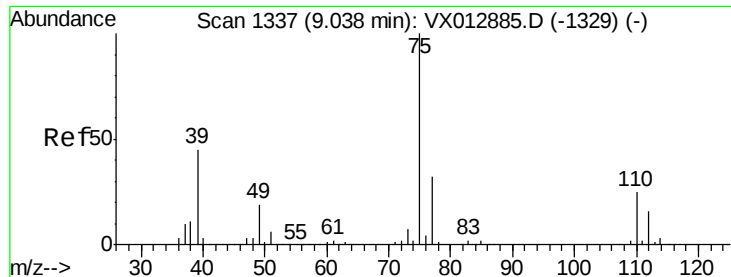
91 168.1 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

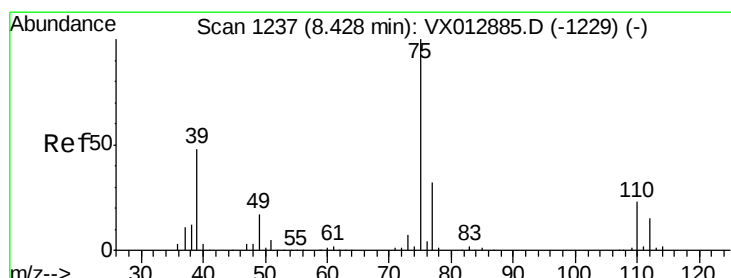
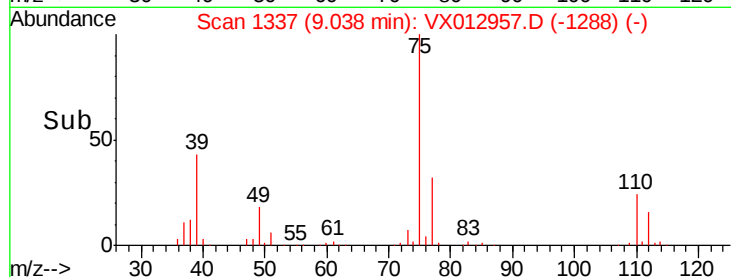
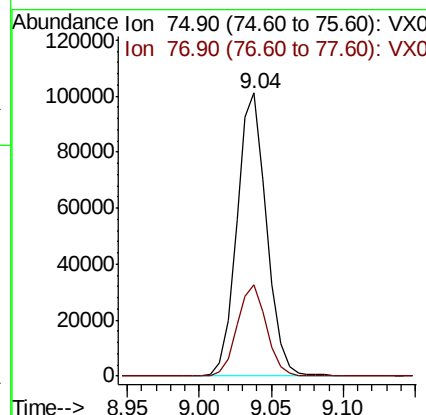
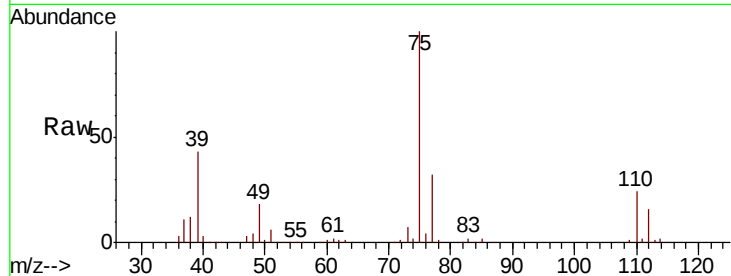




#53
 t-1,3-Dichloropropene
 Concen: 46.933 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

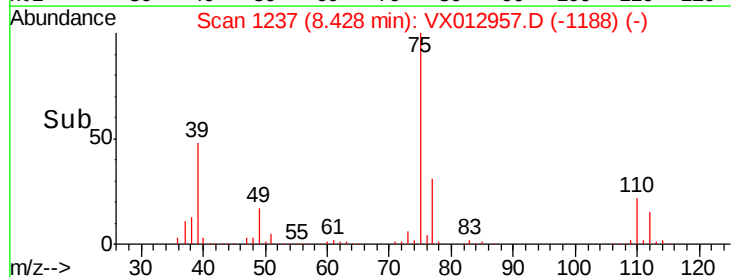
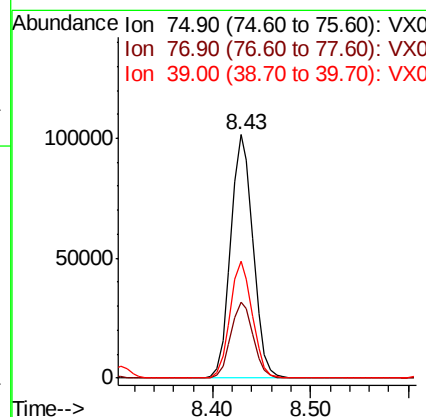
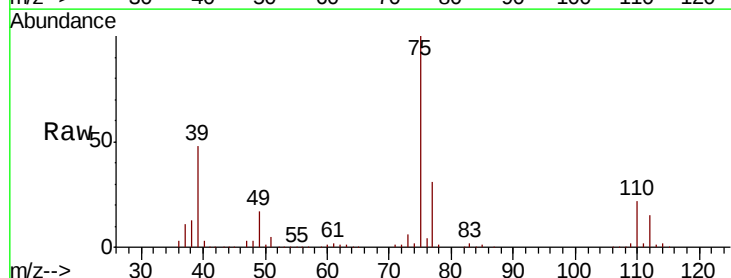
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

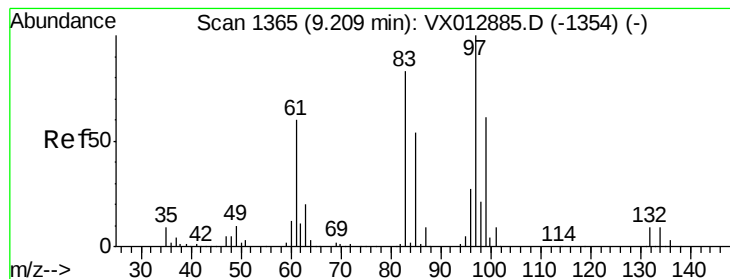
Tot Ion: 75 Resp: 144832
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.057 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Tgt Ion: 75 Resp: 161843
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.8
 39 47.8 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 53.015 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 100456

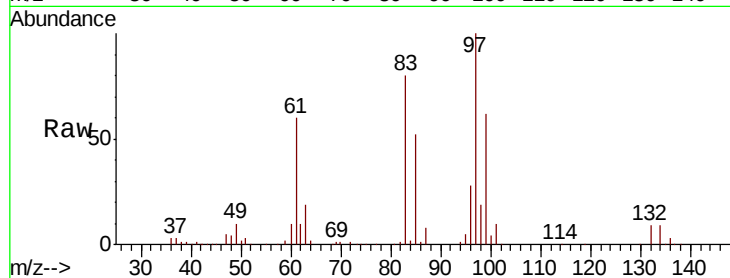
Ion Ratio Lower Upper

97 100

83 79.7 66.5 99.7

85 52.2 43.1 64.7

99 61.7 49.2 73.8

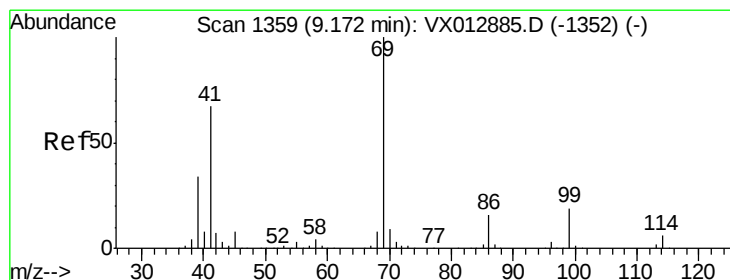
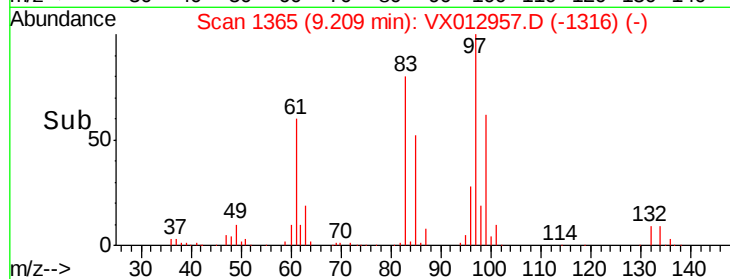
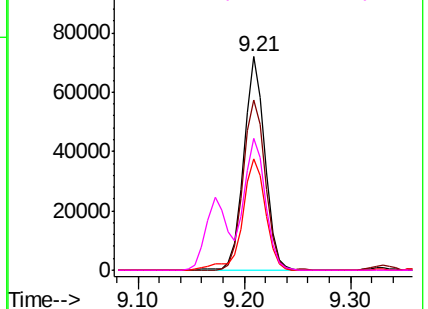


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 48.675 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

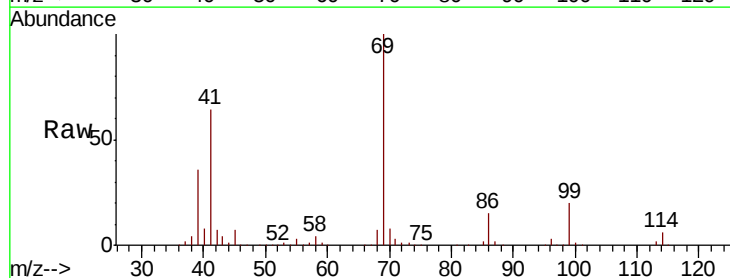
Tgt Ion: 69 Resp: 164987

Ion Ratio Lower Upper

69 100

41 64.8 52.1 78.1

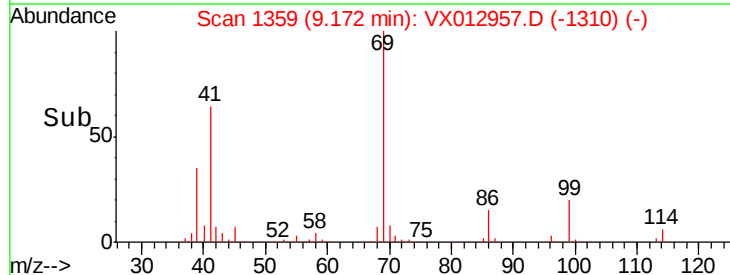
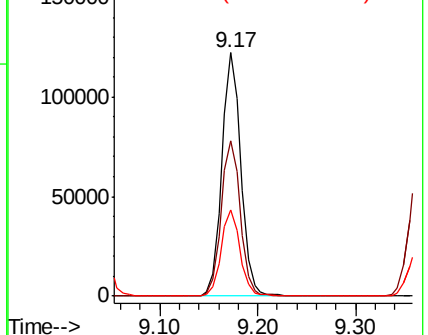
39 35.3 27.8 41.8

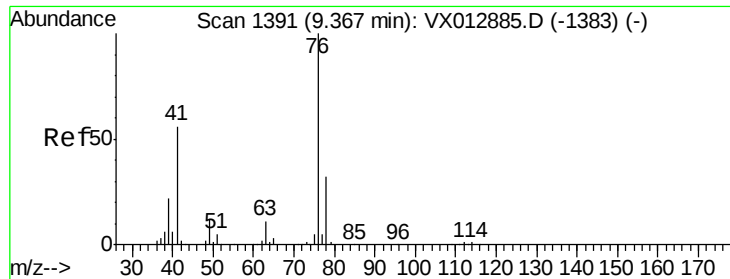


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.901 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

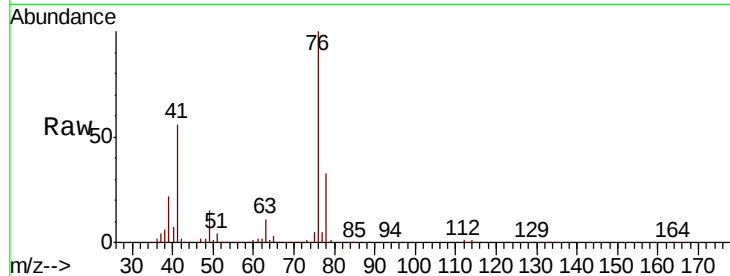
VSTDCCC050

Tot Ion: 76 Resp: 173398

Ion Ratio Lower Upper

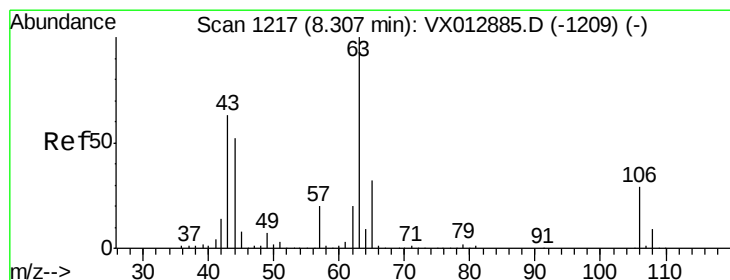
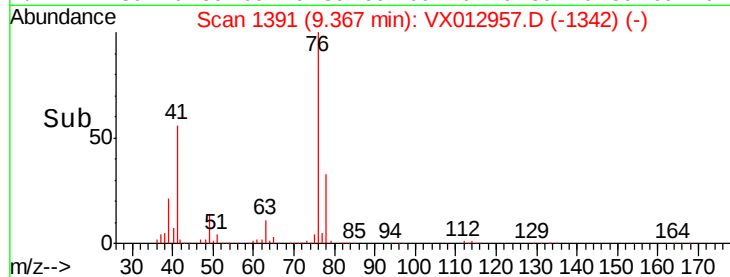
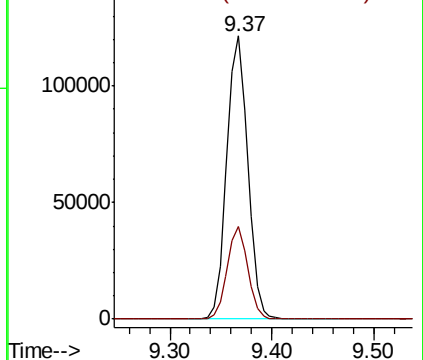
76 100

78 32.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 264.802 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012957.D

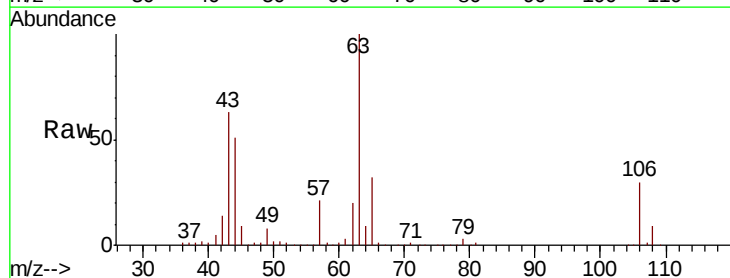
Acq: 09 Oct 2019 21:11

Tgt Ion: 63 Resp: 368606

Ion Ratio Lower Upper

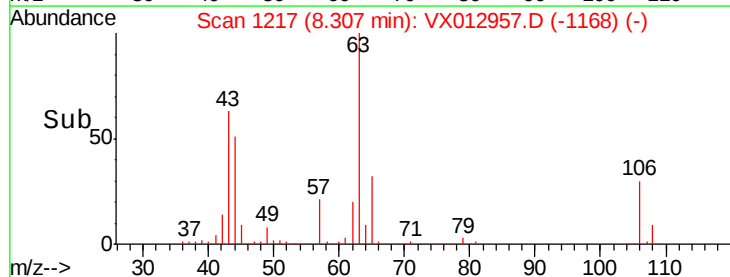
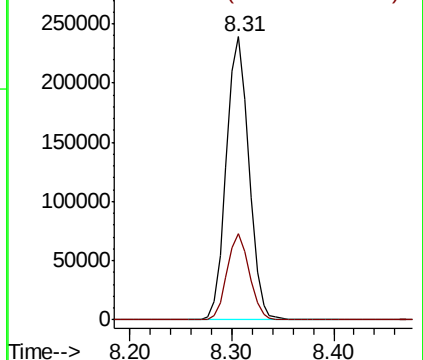
63 100

106 30.1 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

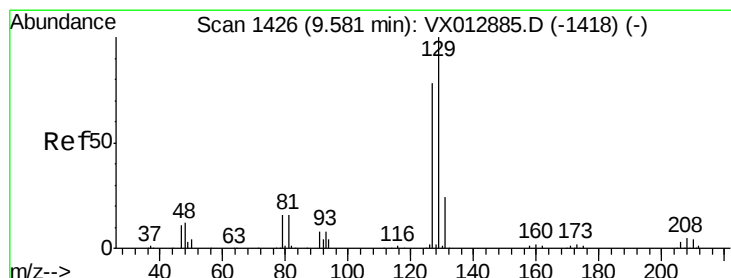
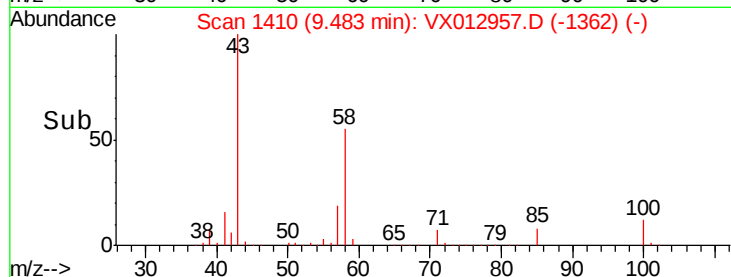
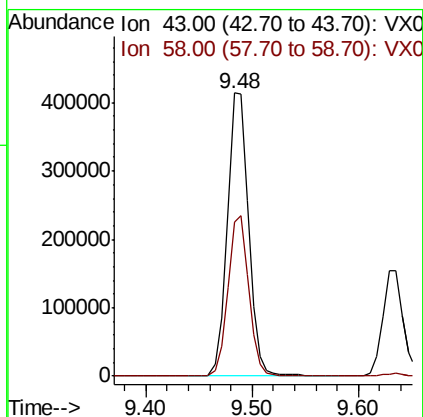
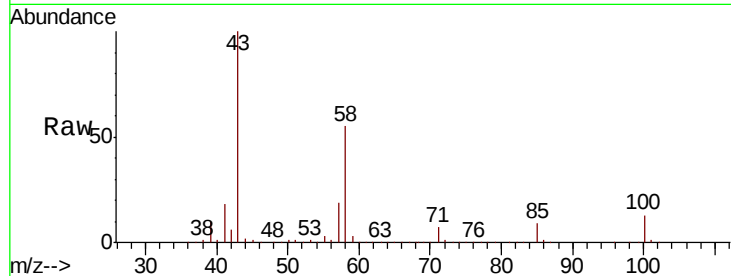




#59
2-Hexanone
Concen: 263.347 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

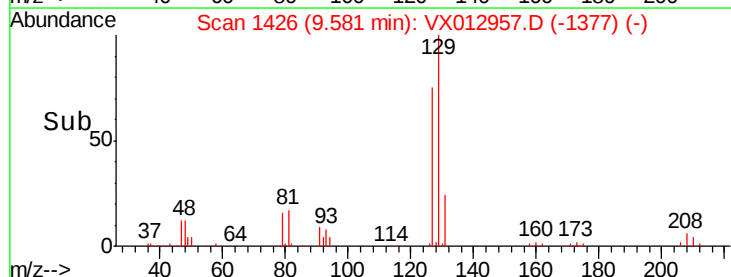
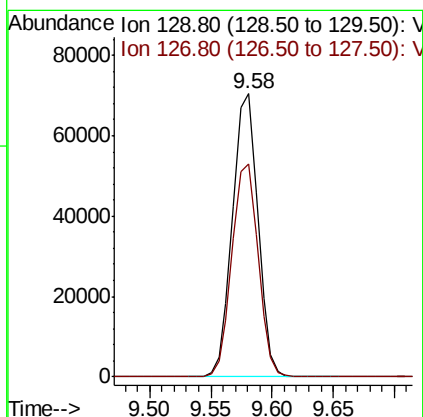
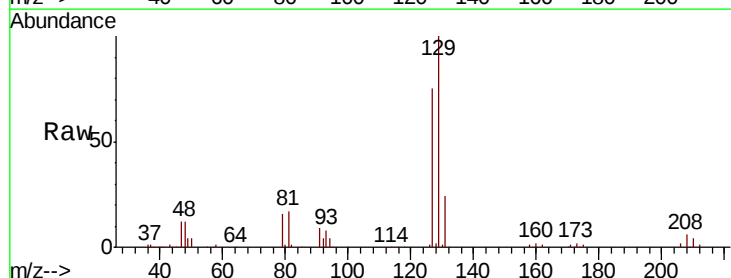
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

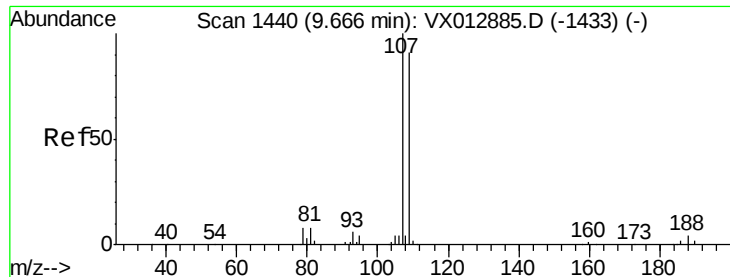
Tot Ion: 43 Resp: 581275
Ion Ratio Lower Upper
43 100
58 55.8 28.1 84.3



#60
Dibromochloromethane
Concen: 48.190 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion:129 Resp: 101468
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.585 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

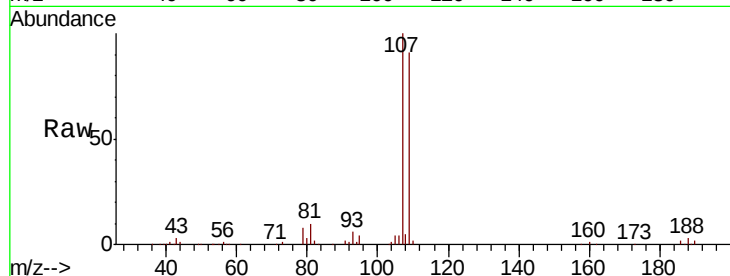
VSTDCCC050

Tot Ion: 107 Resp: 104817

Ion Ratio Lower Upper

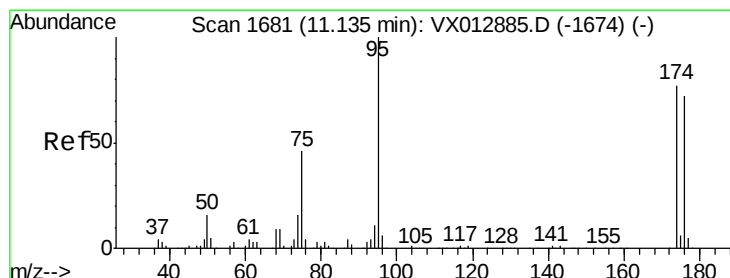
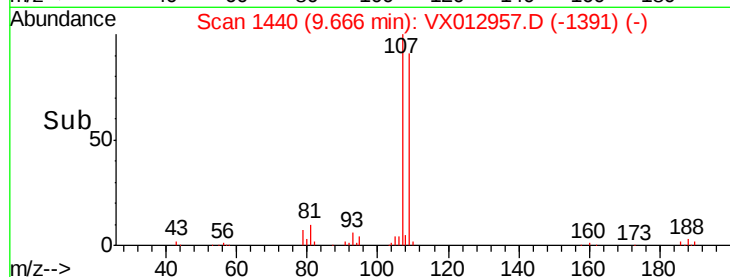
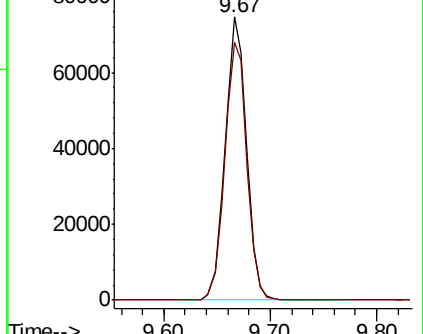
107 100

109 93.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.190 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

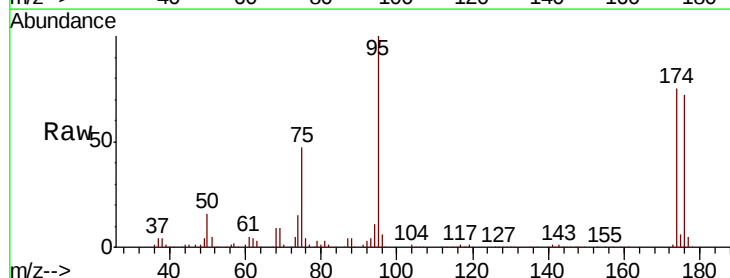
Tgt Ion: 95 Resp: 128328

Ion Ratio Lower Upper

95 100

174 71.8 0.0 143.4

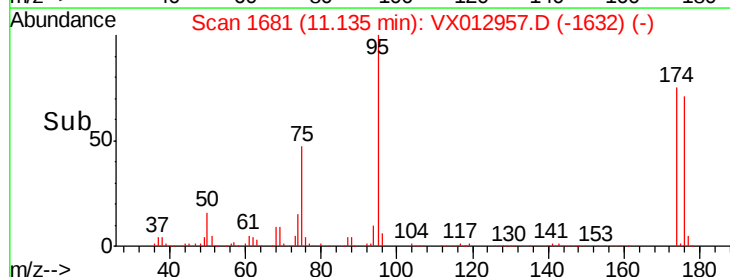
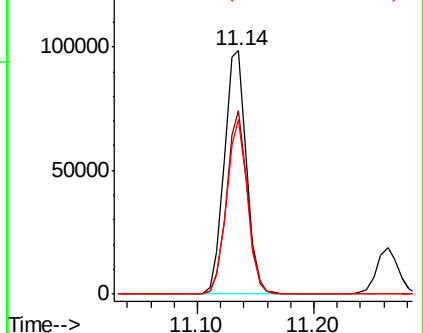
176 68.5 0.0 136.0

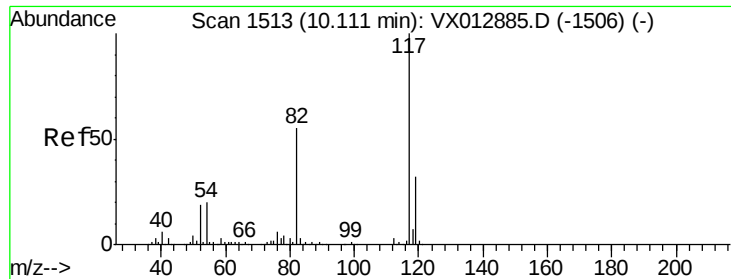


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

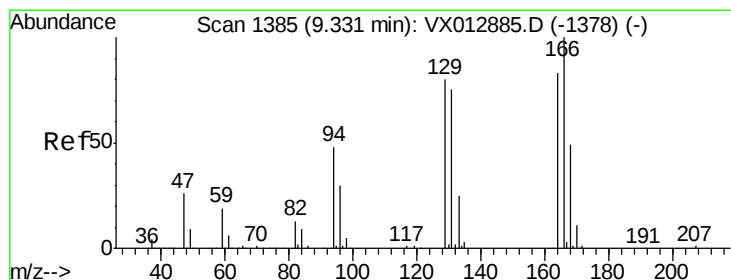
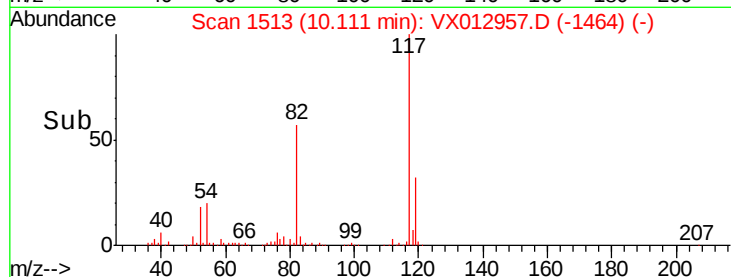
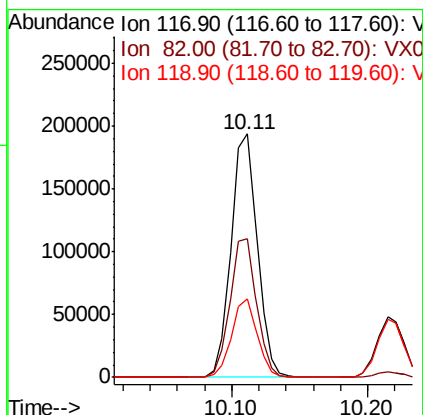
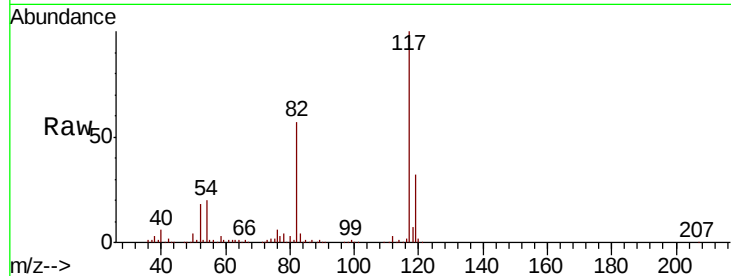




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

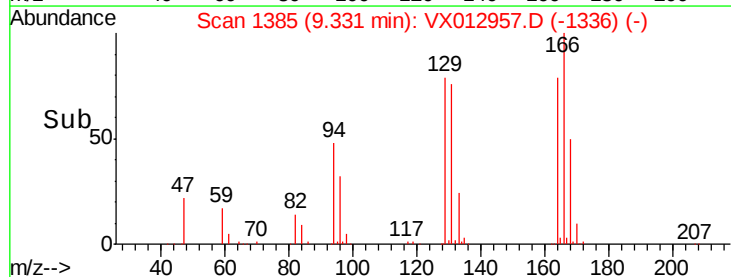
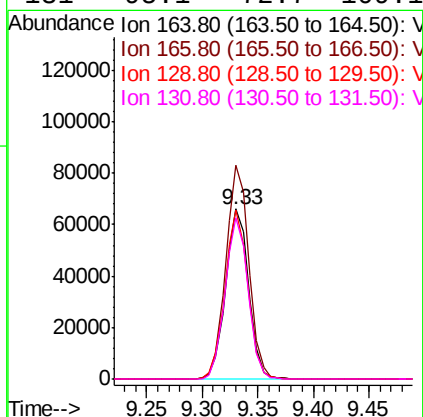
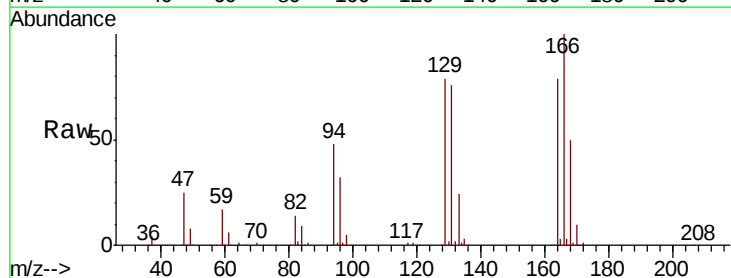
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

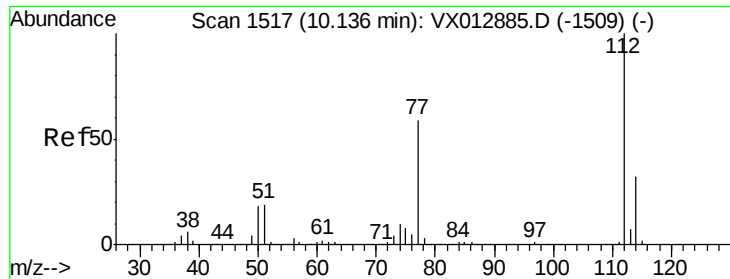
Tot Ion:117 Resp: 261459
Ion Ratio Lower Upper
117 100
82 56.7 44.1 66.1
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 51.996 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion:164 Resp: 94294
Ion Ratio Lower Upper
164 100
166 125.8 96.9 145.3
129 99.4 77.9 116.9
131 95.1 72.7 109.1

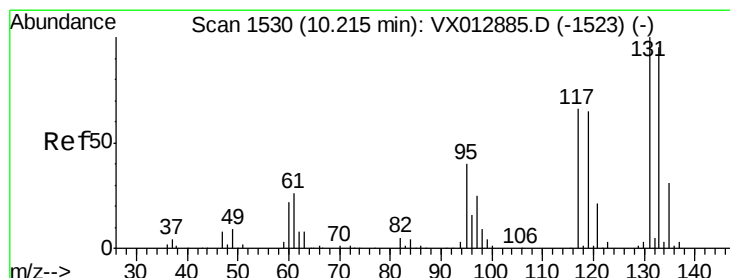
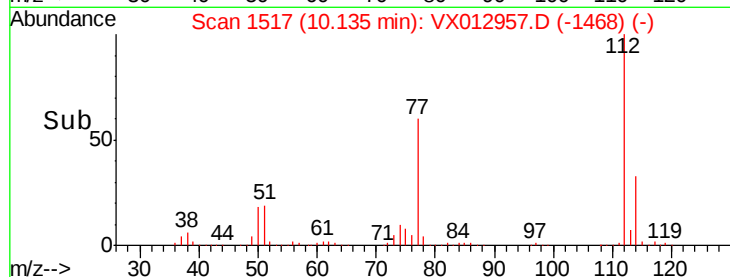
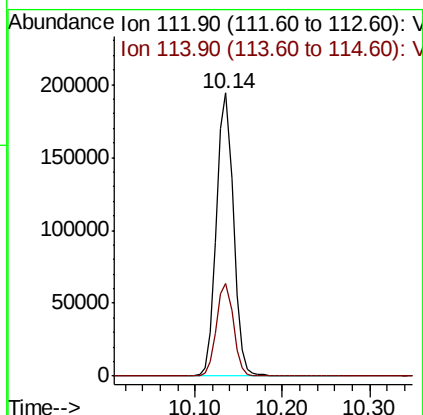
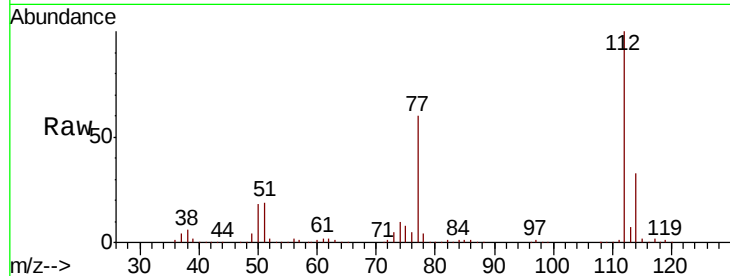




#65
Chlorobenzene
Concen: 50.287 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

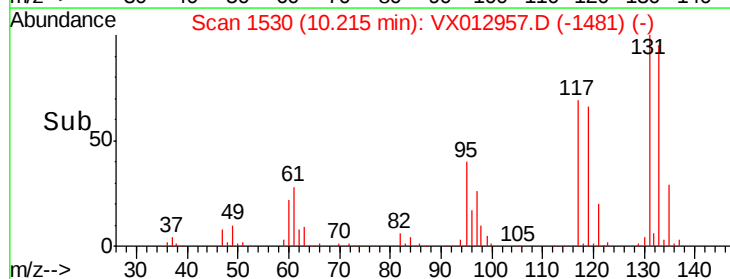
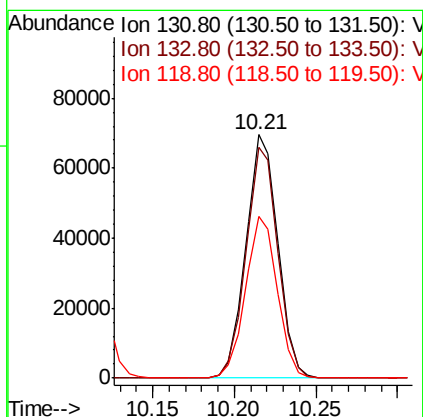
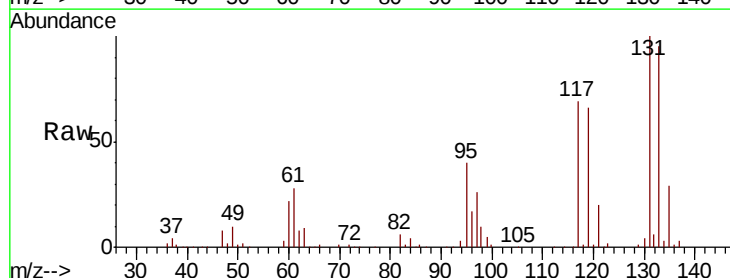
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

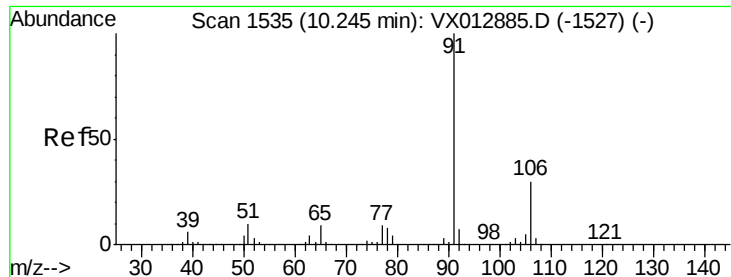
Tot Ion:112 Resp: 261101
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.641 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion:131 Resp: 94767
Ion Ratio Lower Upper
131 100
133 95.0 47.2 141.6
119 66.2 32.6 98.0

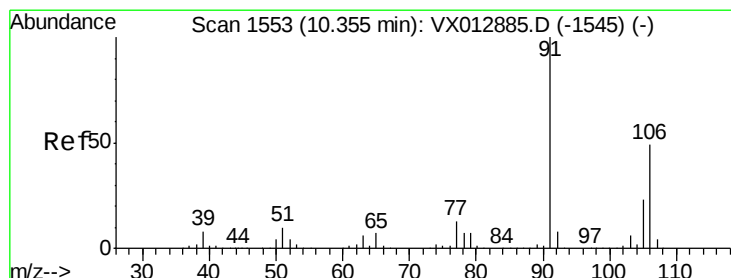
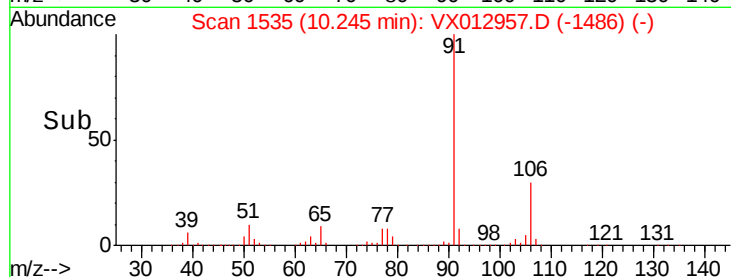
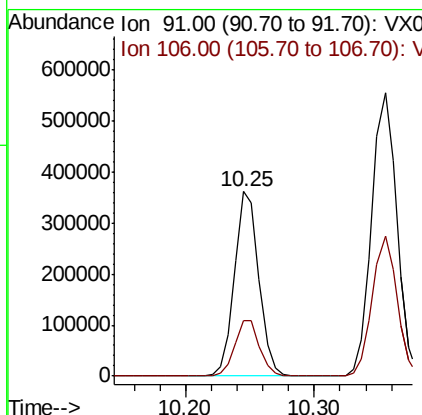
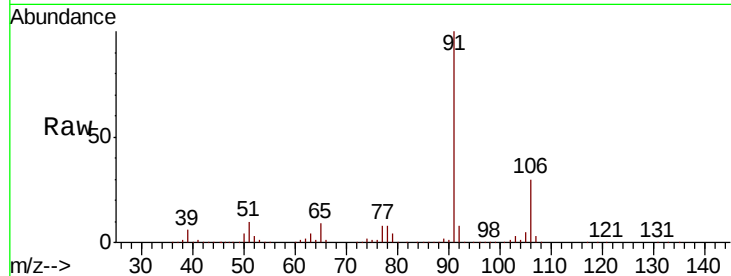




#67
Ethyl Benzene
Concen: 51.931 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

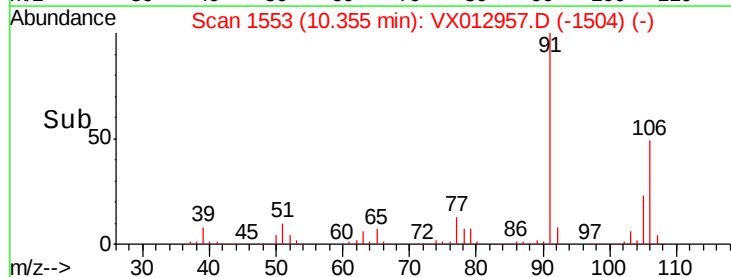
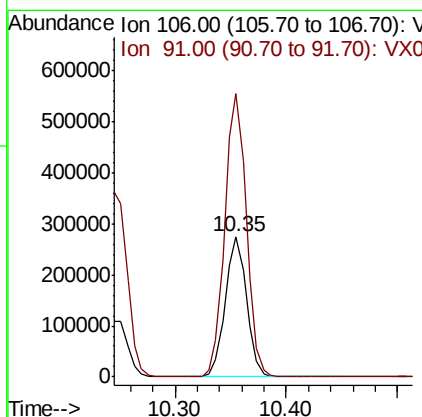
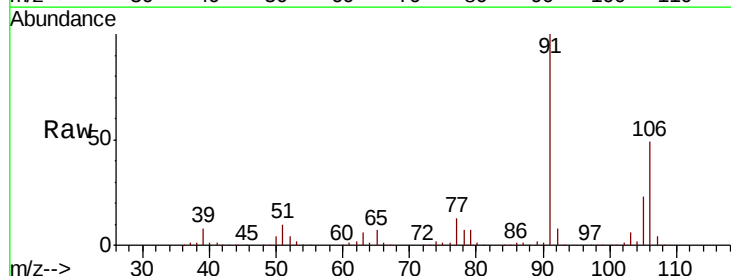
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

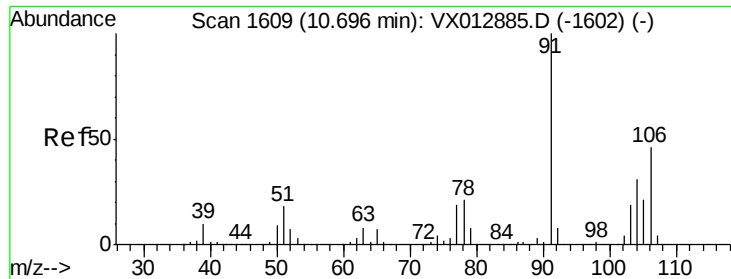
Tot Ion: 91 Resp: 478951
Ion Ratio Lower Upper
91 100
106 30.3 23.9 35.9



#68
m/p-Xylenes
Concen: 105.405 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion: 106 Resp: 363170
Ion Ratio Lower Upper
106 100
91 205.0 165.3 247.9

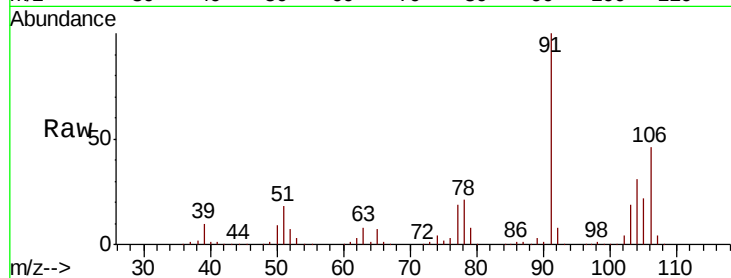




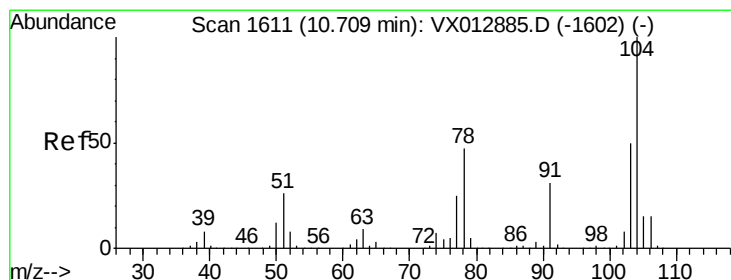
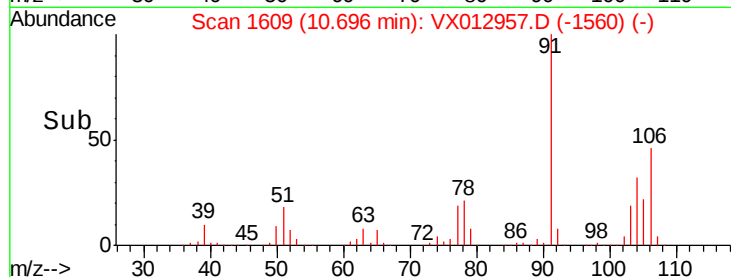
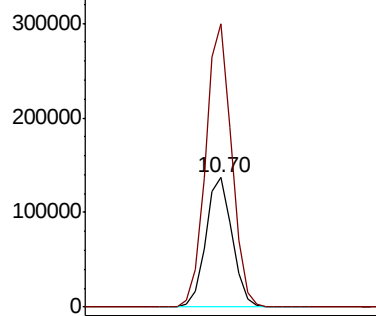
#69
o-Xylene
Concen: 51.968 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 174609
Ion Ratio Lower Upper
106 100
91 215.6 109.1 327.3

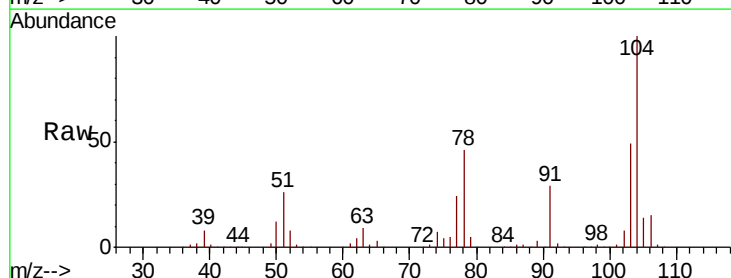


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

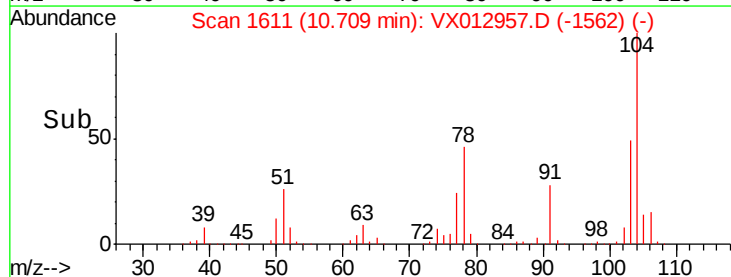
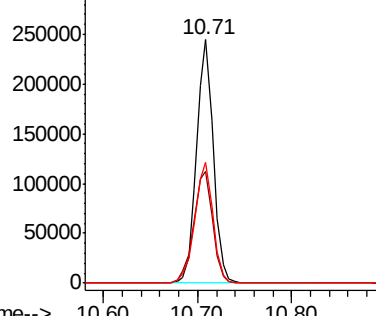


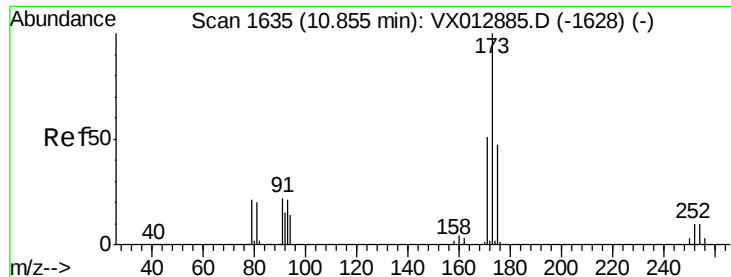
#70
Styrene
Concen: 53.051 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion:104 Resp: 303021
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 53.5 43.0 64.4



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: 45.024 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

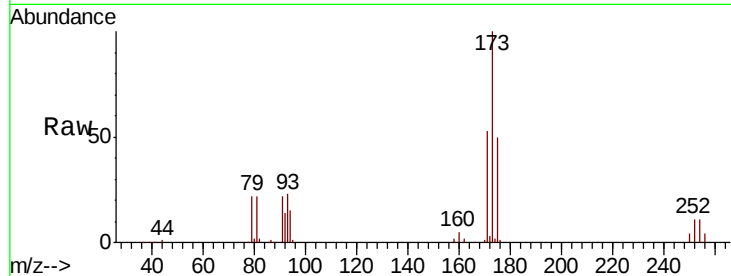
Tot Ion:173 Resp: 68539

Ion Ratio Lower Upper

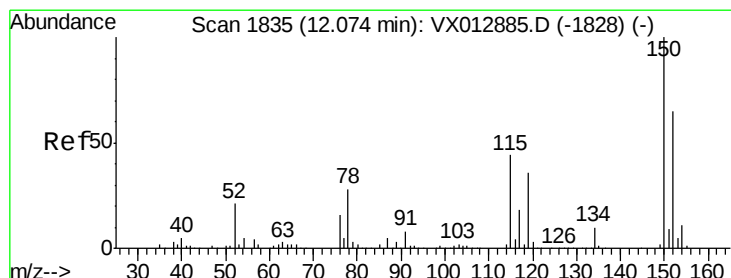
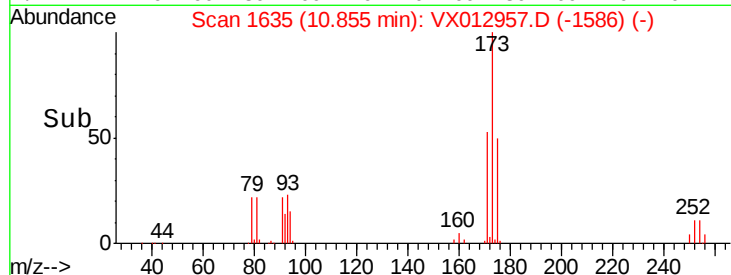
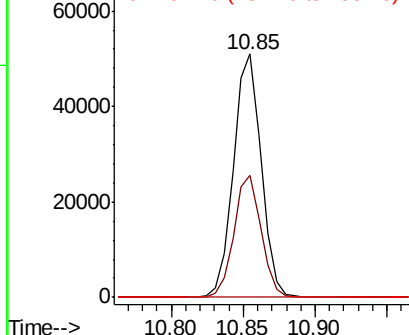
173 100

175 49.1 24.1 72.3

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

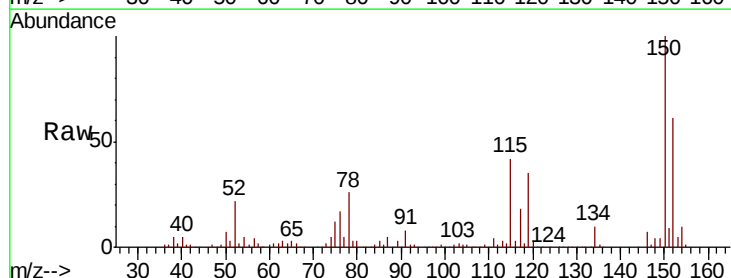
Tgt Ion:152 Resp: 119728

Ion Ratio Lower Upper

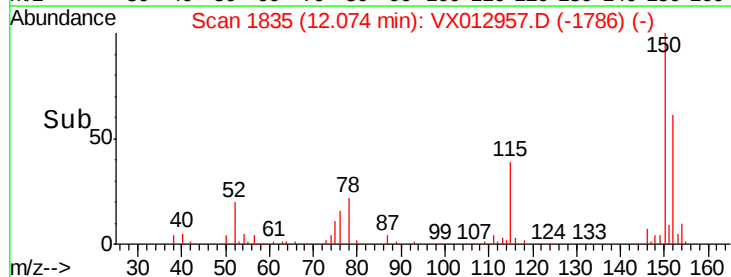
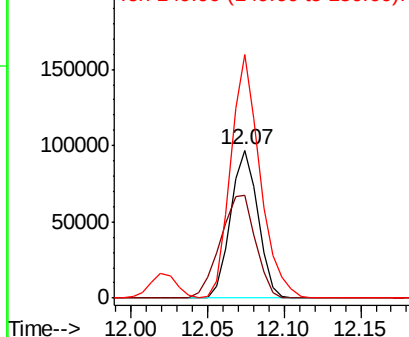
152 100

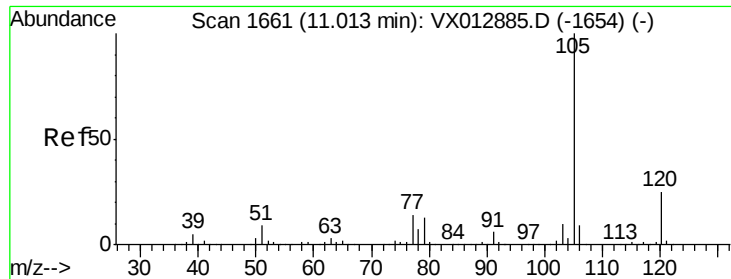
115 89.7 44.5 133.5

150 176.8 0.0 353.4



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

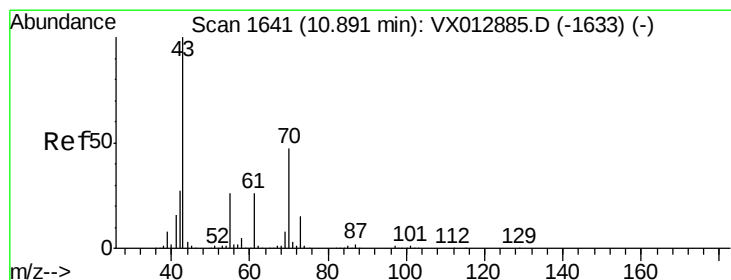
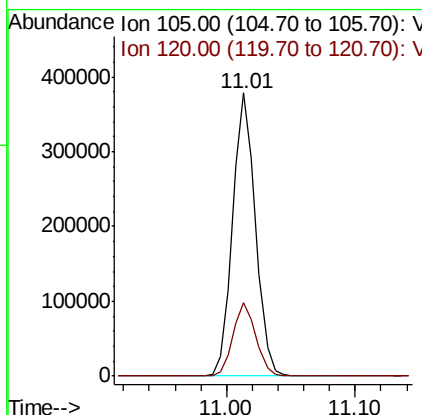
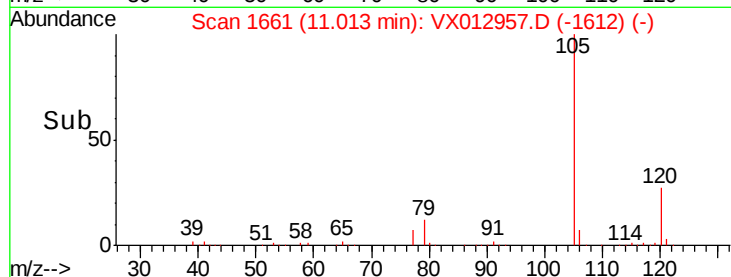
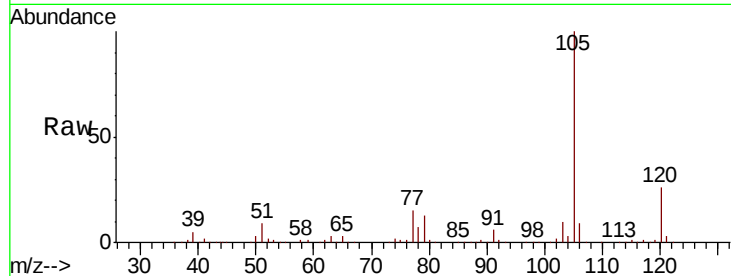




#73
Isopropylbenzene
Concen: 53.240 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

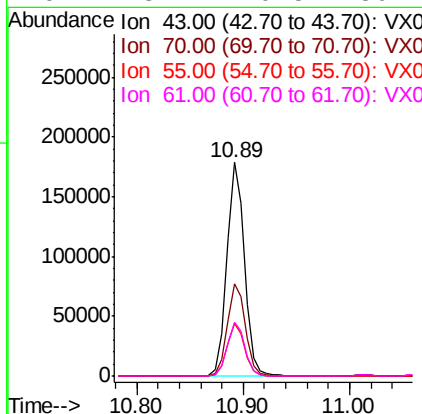
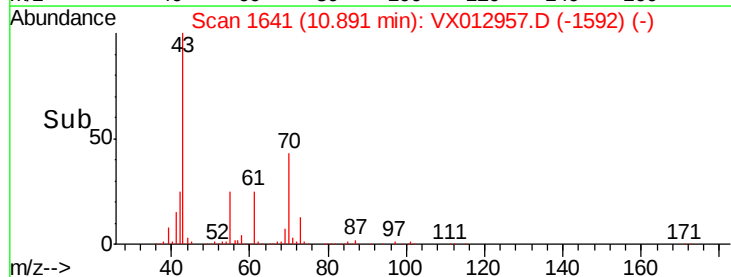
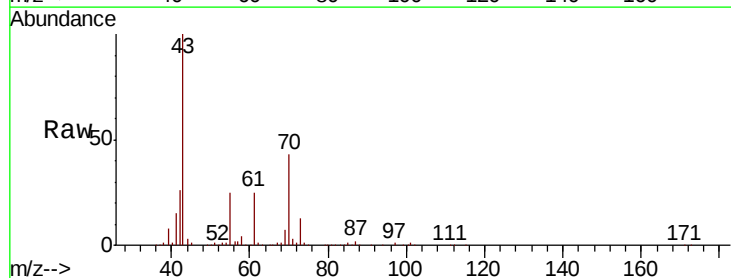
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

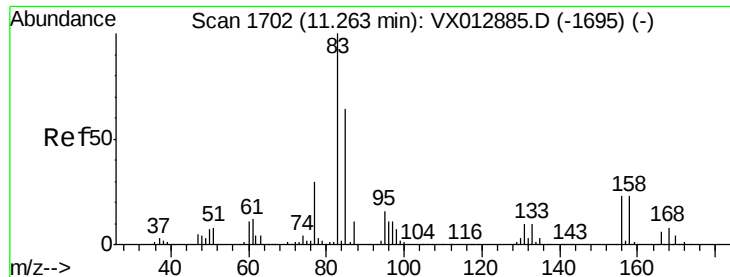
Tot Ion:105 Resp: 468654
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0



#74
N-ethyl acetate
Concen: 54.651 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion: 43 Resp: 207187
Ion Ratio Lower Upper
43 100
70 44.4 36.4 54.6
55 24.6 20.2 30.2
61 25.1 20.5 30.7

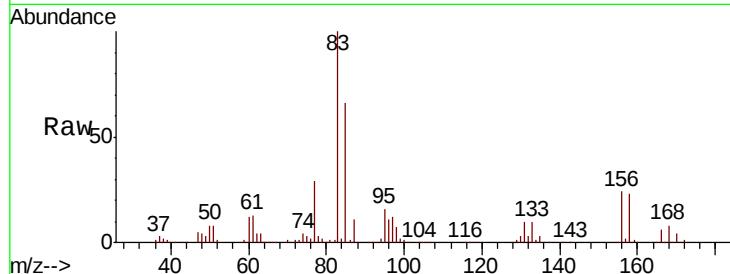




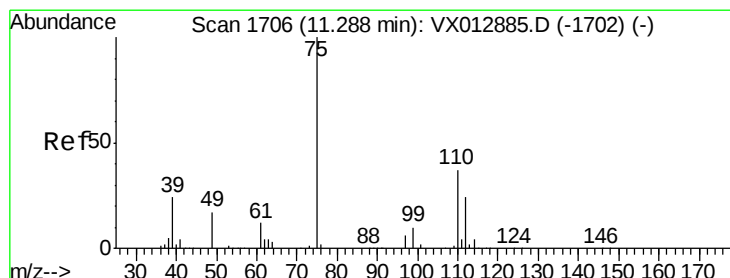
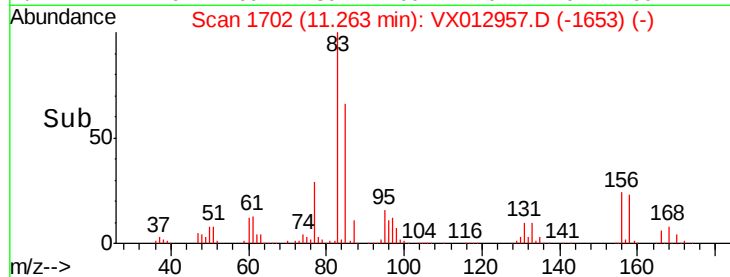
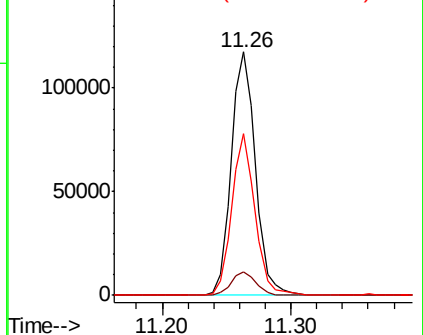
#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.832 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	154680
Ion Ratio	100		
Lower		5.1	
Upper		15.3	
85	63.7	32.1	96.5

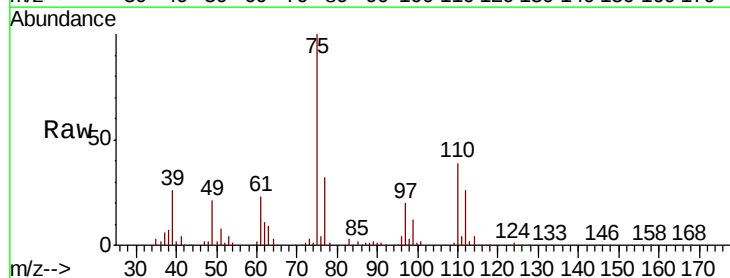


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VX0

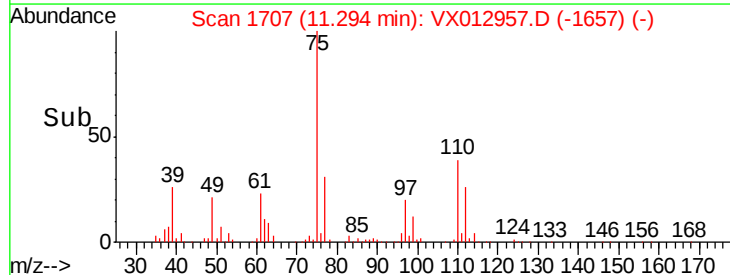
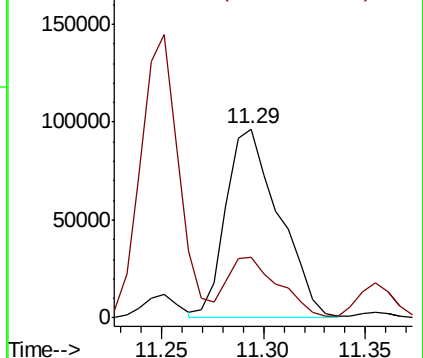


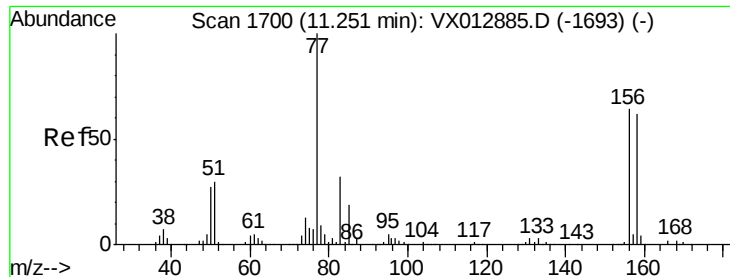
#76
 1,2,3-Trichloropropane
 Concen: 65.950 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Tgt Ion	75	Resp	175134
Ion Ratio	100		
Lower		22.9	
Upper		68.8	
77	30.4		



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





#77

Bromobenzene

Concen: 52.048 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

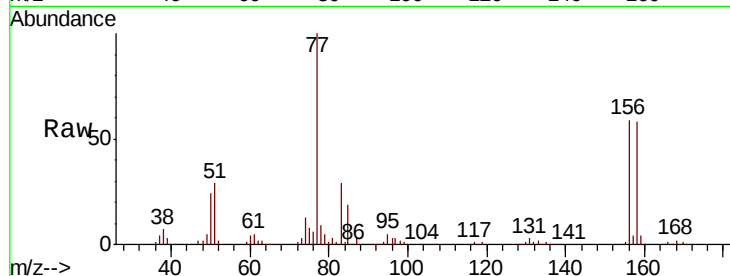
Tot Ion:156 Resp: 107964

Ion Ratio Lower Upper

156 100

77 173.4 83.7 251.0

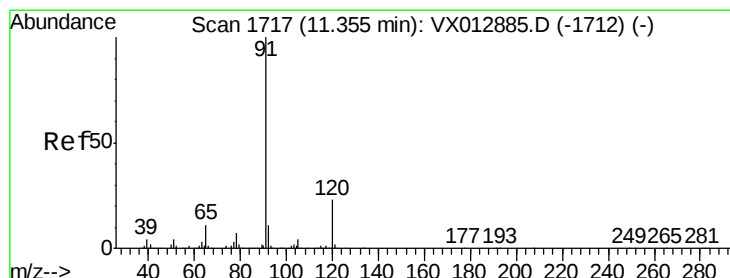
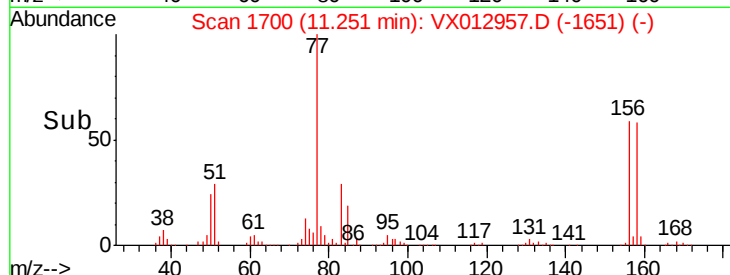
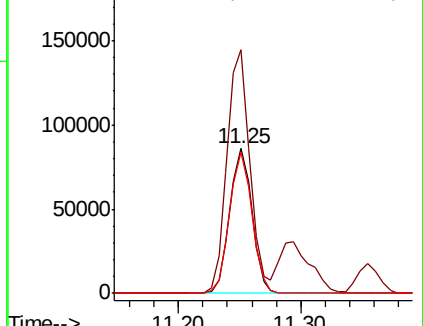
158 97.9 48.6 145.9



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: 53.572 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012957.D

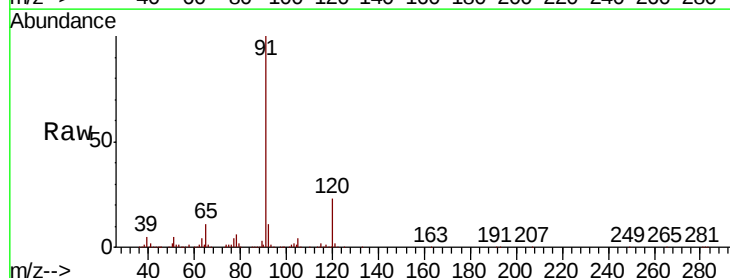
Acq: 09 Oct 2019 21:11

Tgt Ion: 91 Resp: 518910

Ion Ratio Lower Upper

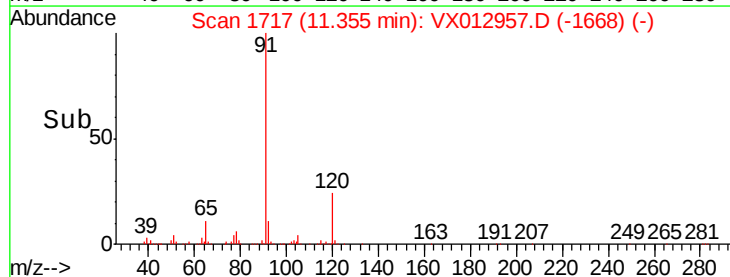
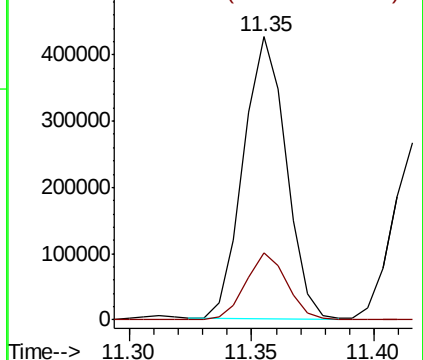
91 100

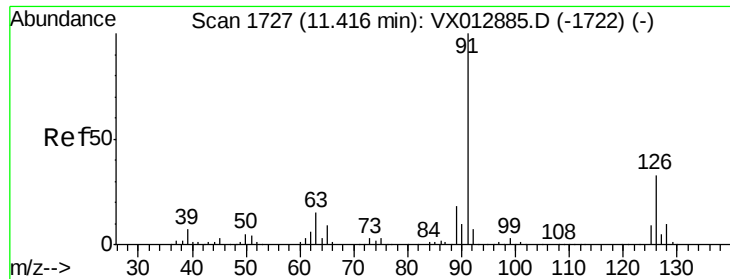
120 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

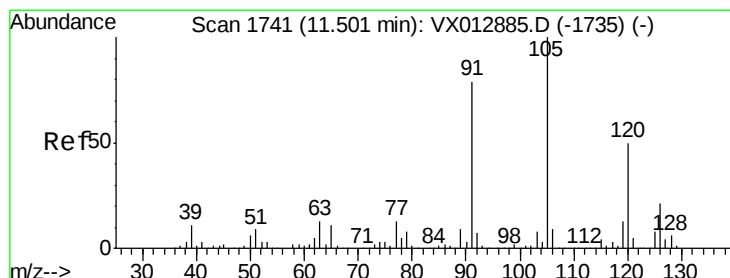
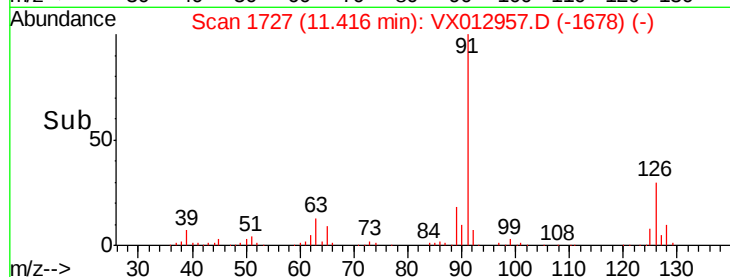
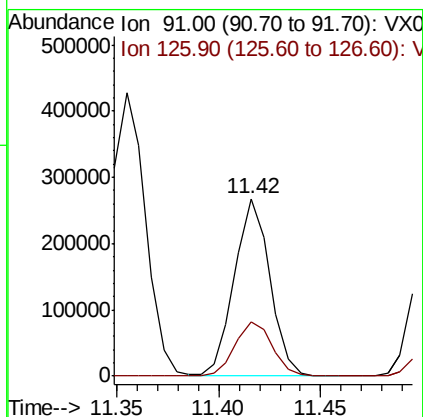
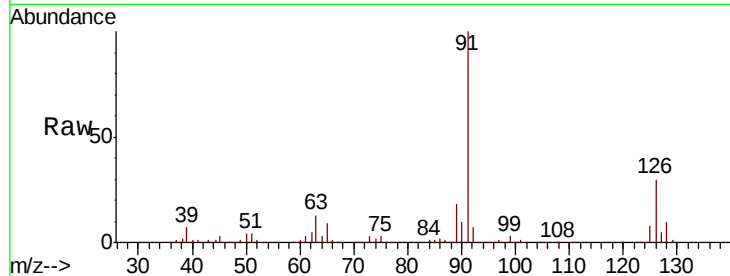




#79
2-Chlorotoluene
Concen: 53.134 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

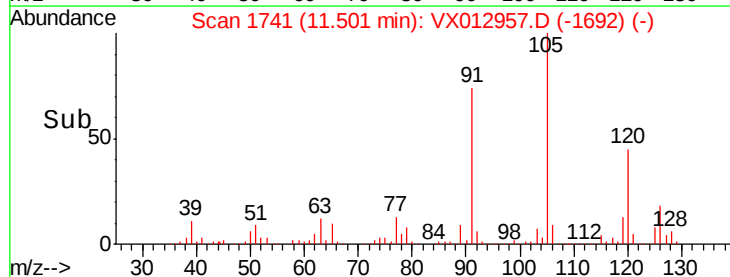
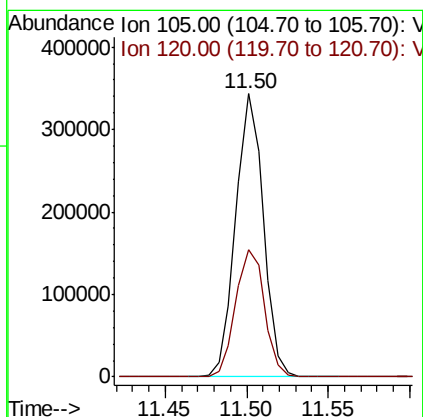
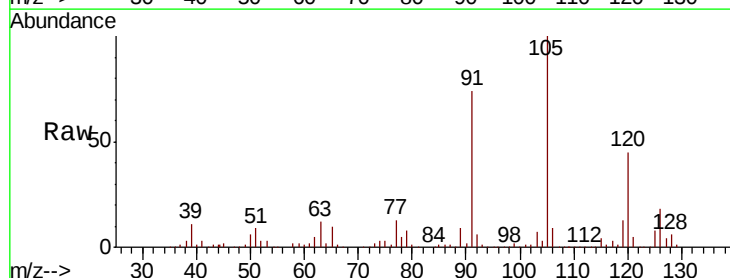
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

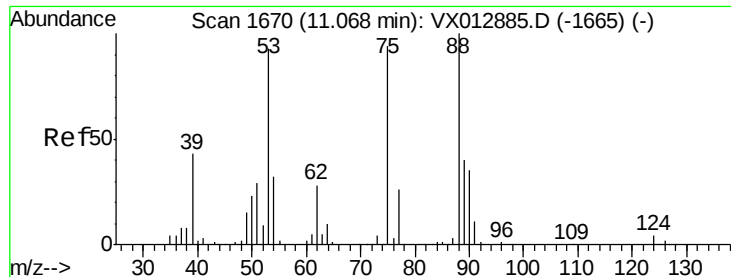
Tot Ion: 91 Resp: 323450
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 55.147 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion: 105 Resp: 405343
Ion Ratio Lower Upper
105 100
120 46.9 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 46.723 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012957.D

Acq: 09 Oct 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

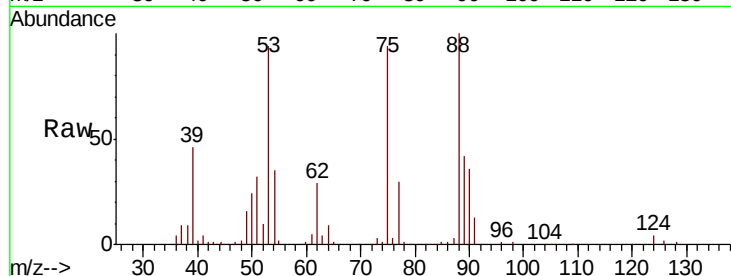
Tot Ion: 75 Resp: 47950

Ion Ratio Lower Upper

75 100

53 99.8 78.5 117.7

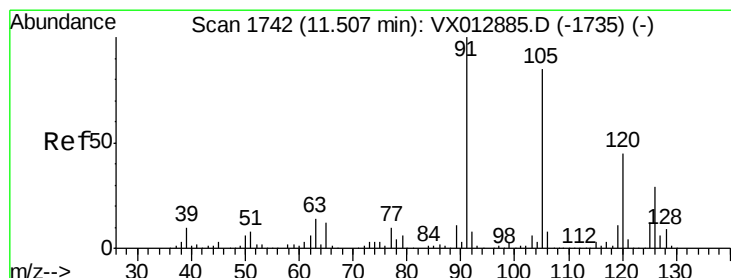
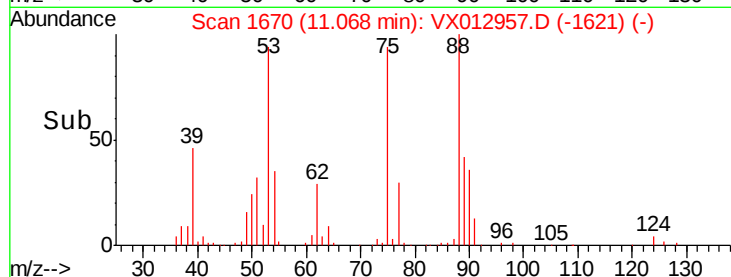
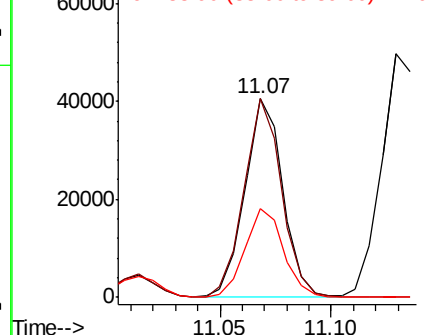
89 45.8 37.4 56.2



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: 53.671 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012957.D

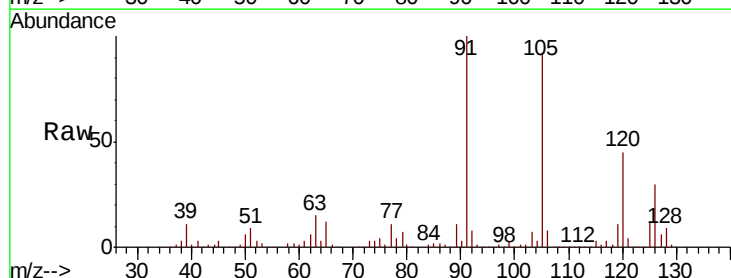
Acq: 09 Oct 2019 21:11

Tgt Ion: 91 Resp: 374483

Ion Ratio Lower Upper

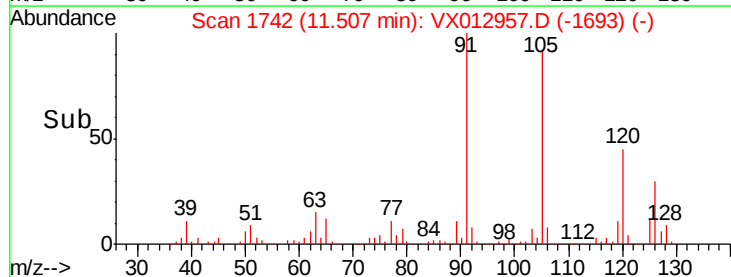
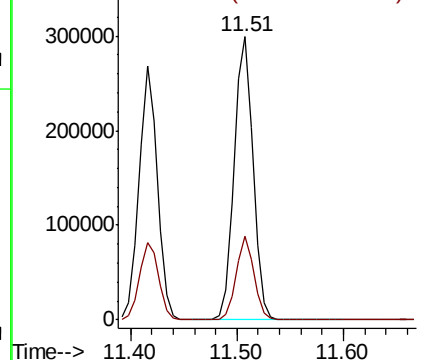
91 100

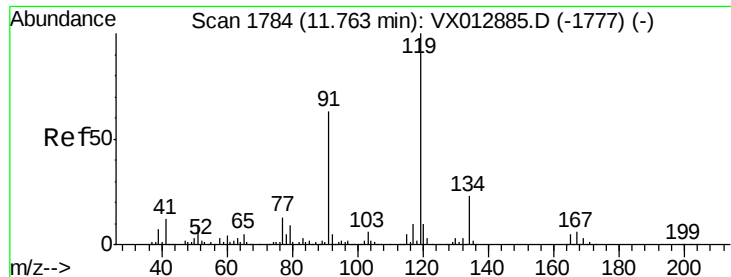
126 27.8 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

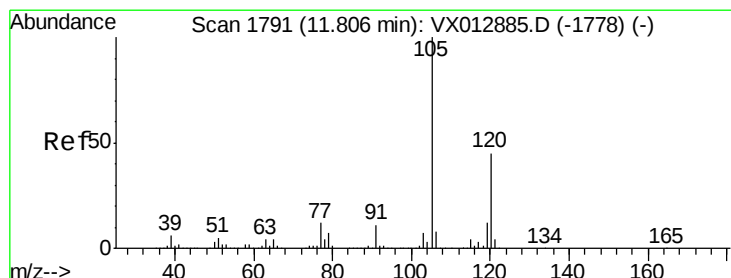
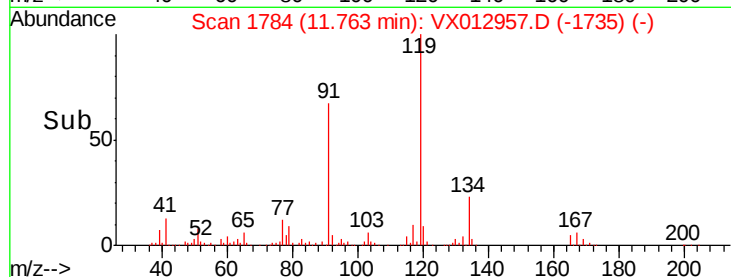
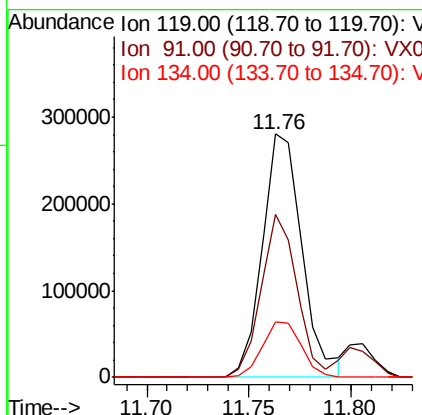
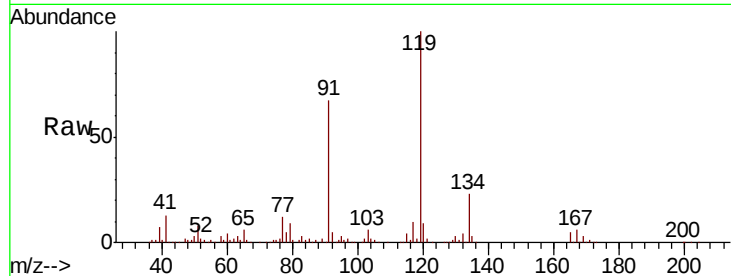




#83
tert-Butylbenzene
Concen: 53.054 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

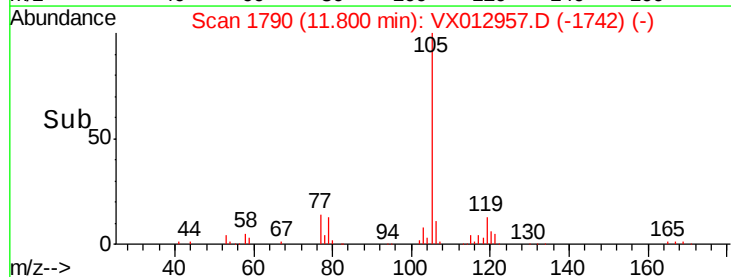
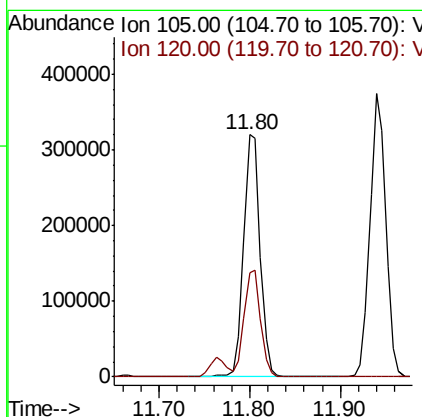
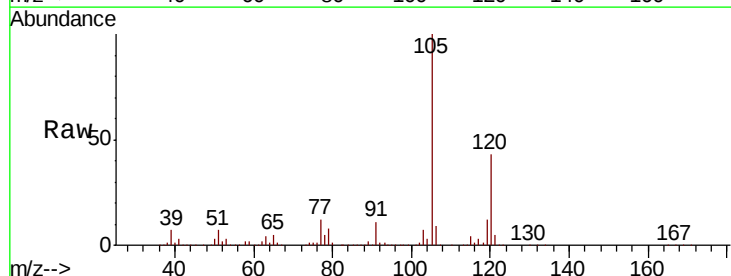
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

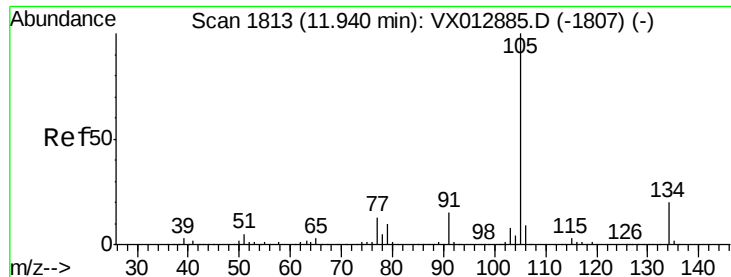
Tot Ion:119 Resp: 380403
Ion Ratio Lower Upper
119 100
91 60.7 29.3 87.9
134 22.5 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 54.127 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion:105 Resp: 402928
Ion Ratio Lower Upper
105 100
120 43.9 21.8 65.3

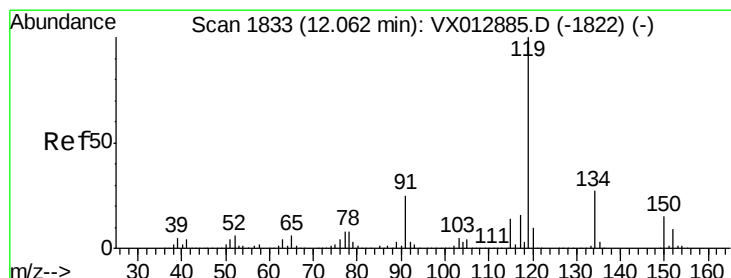
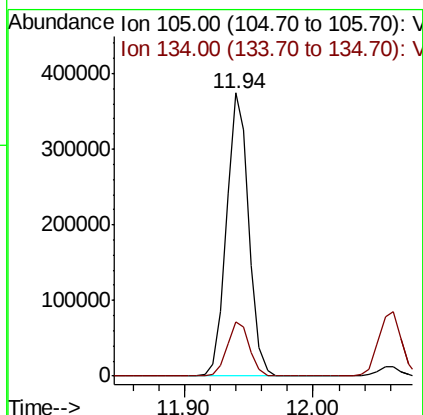
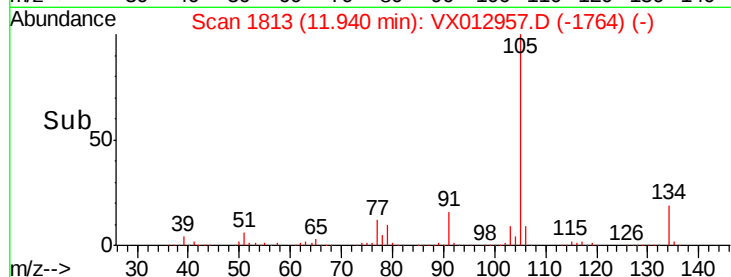
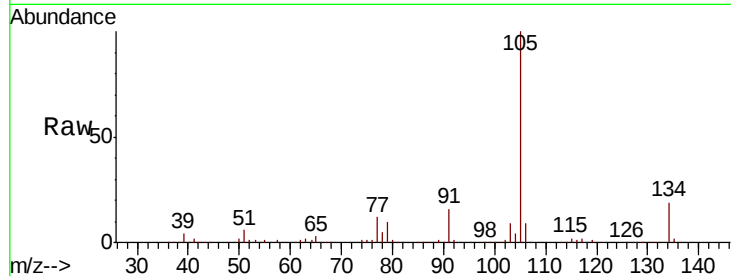




#85
 sec-Butylbenzene
 Concen: 54.469 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

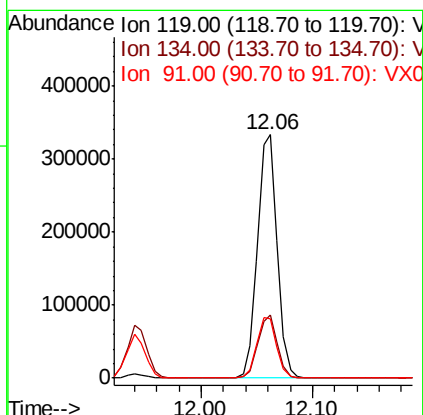
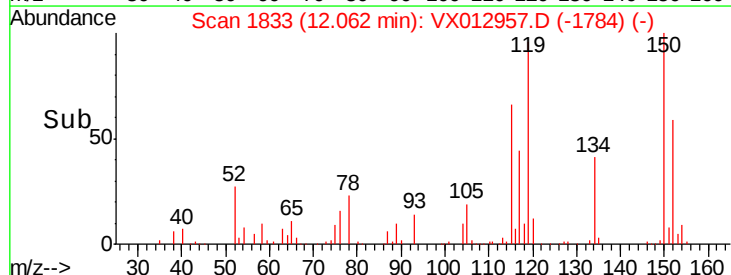
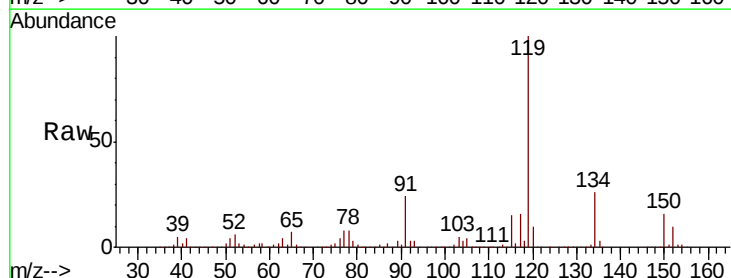
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

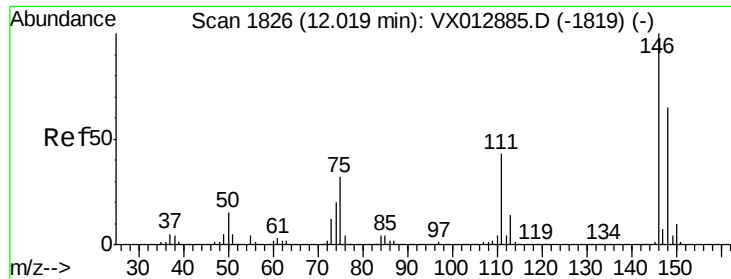
Tot Ion:105 Resp: 452464
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 53.464 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Tgt Ion:119 Resp: 411896
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 25.0 12.4 37.4

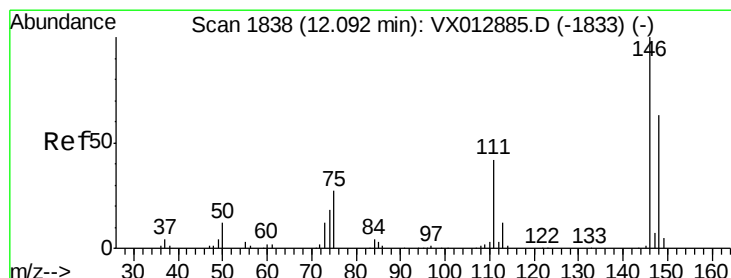
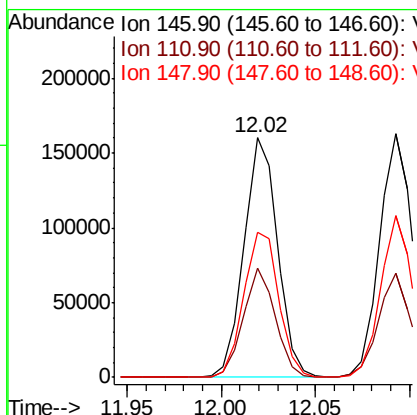
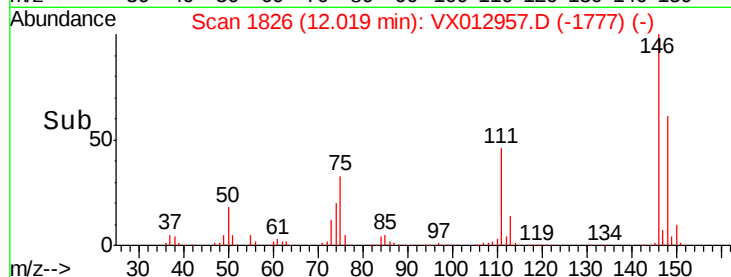
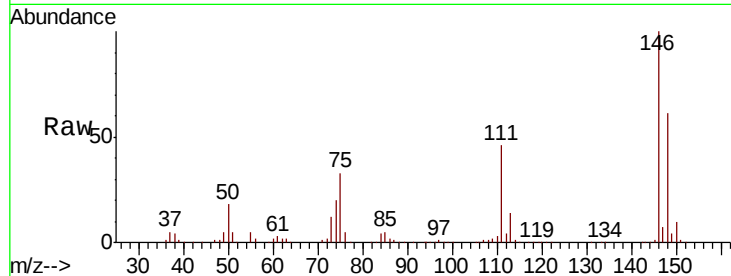




#87
 1,3-Dichlorobenzene
 Concen: 51.358 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

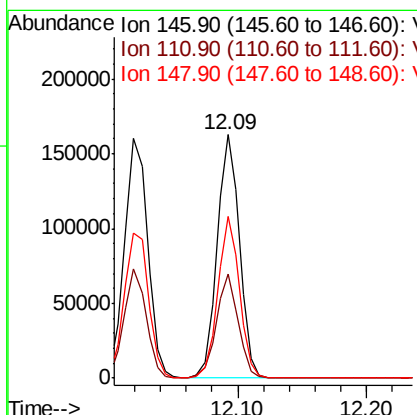
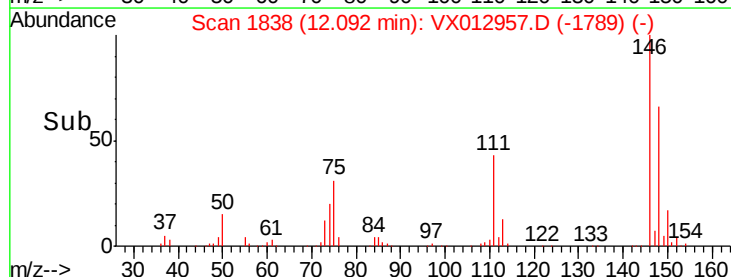
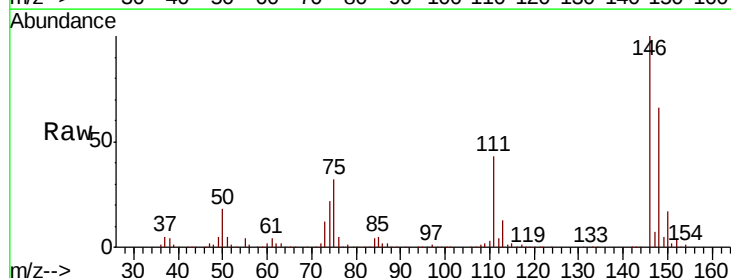
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

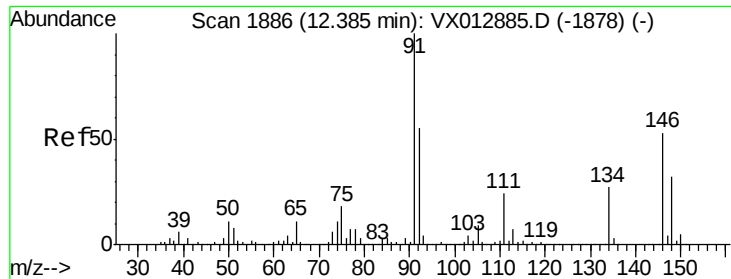
Tot Ion:146 Resp: 197832
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.1 63.4
 148 63.4 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 51.097 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Tgt Ion:146 Resp: 199338
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.4 64.3
 148 64.1 32.1 96.5

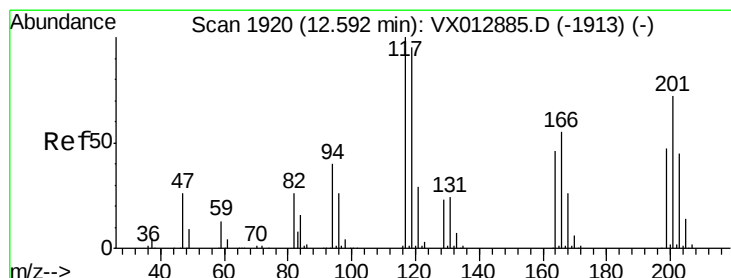
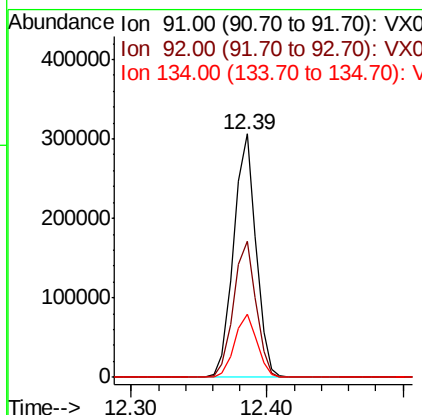
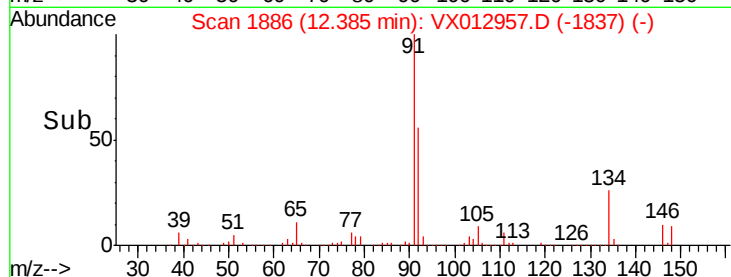
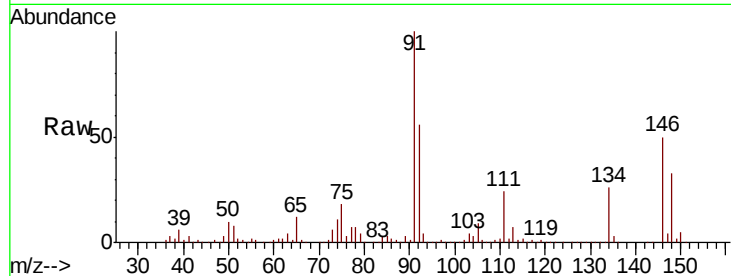




#89
n-Butylbenzene
Concen: 53.936 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

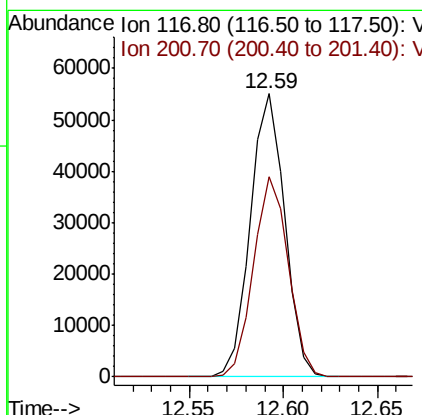
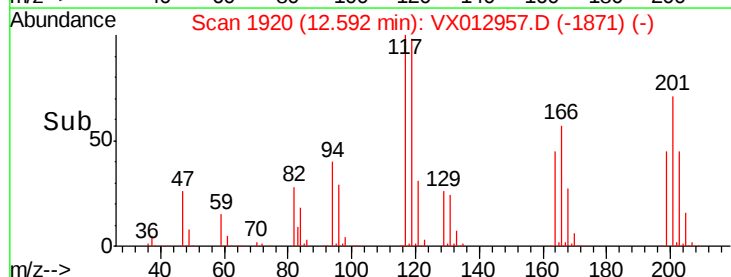
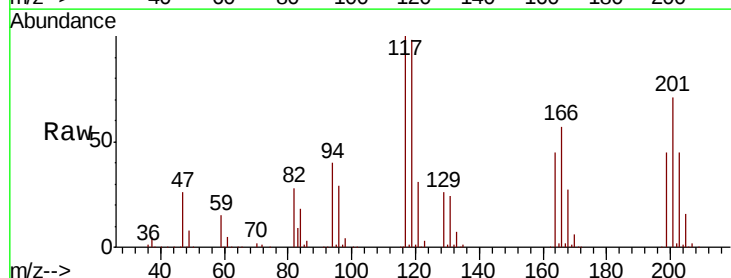
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

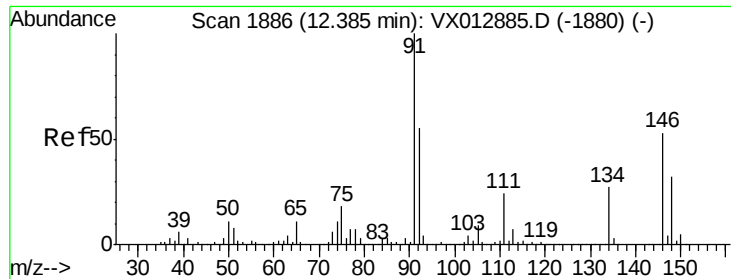
Tot Ion: 91 Resp: 349233
Ion Ratio Lower Upper
91 100
92 56.4 27.5 82.5
134 26.0 12.9 38.7



#90
Hexachloroethane
Concen: 48.927 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion: 117 Resp: 69746
Ion Ratio Lower Upper
117 100
201 71.6 36.9 110.7

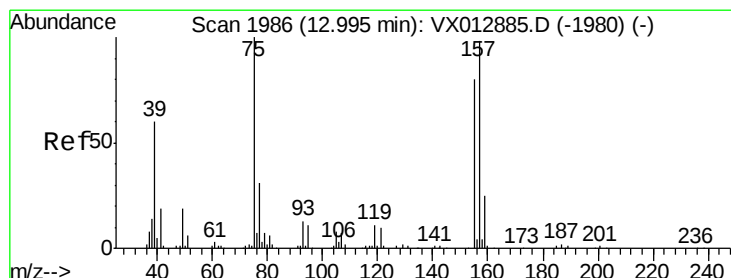
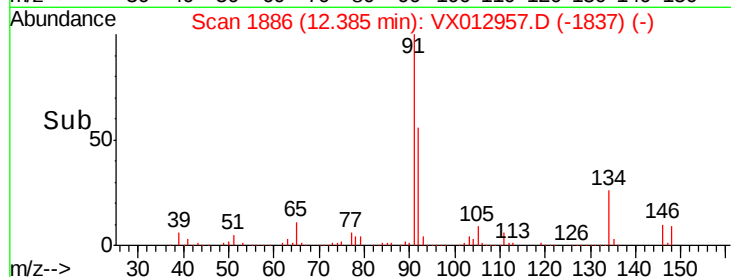
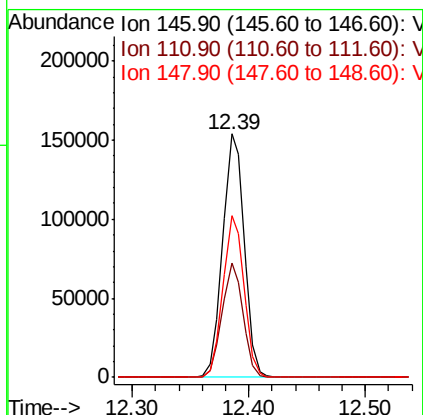
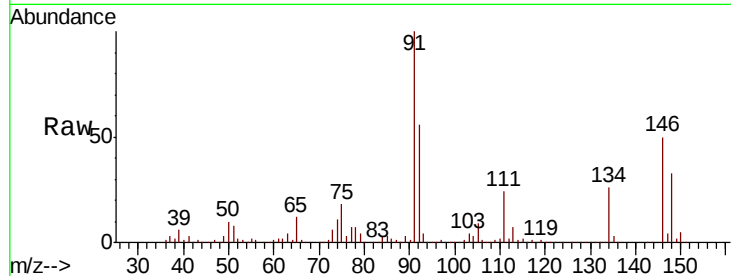




#91
 1,2-Dichlorobenzene
 Concen: 52.050 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

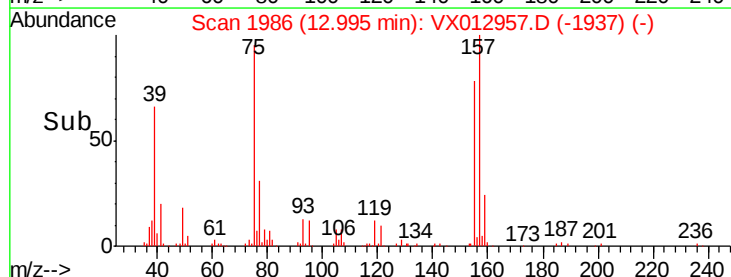
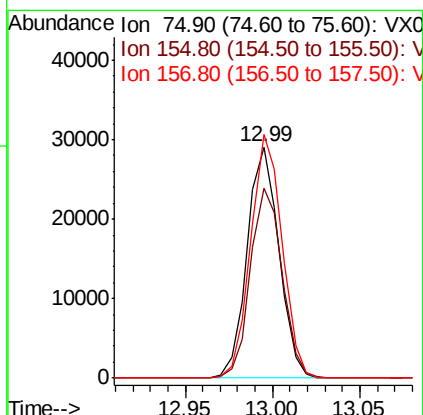
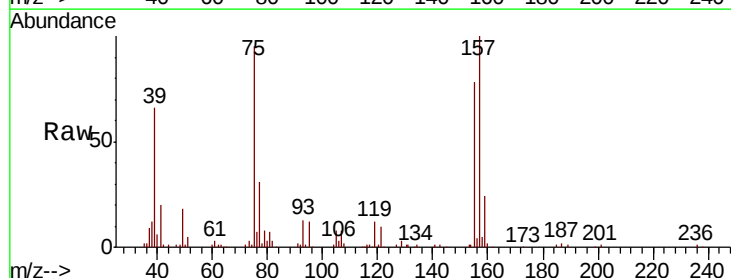
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

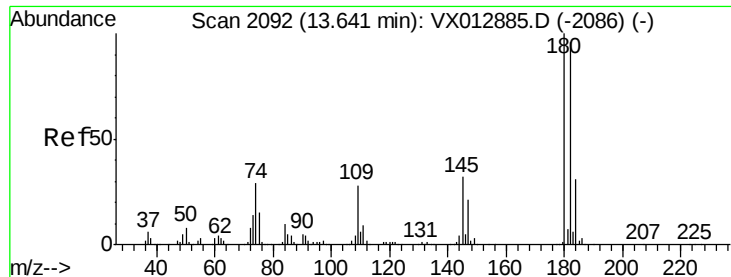
Tot Ion:146 Resp: 196558
 Ion Ratio Lower Upper
 146 100
 111 45.7 22.7 68.0
 148 64.9 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.468 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Tgt Ion: 75 Resp: 36691
 Ion Ratio Lower Upper
 75 100
 155 82.5 43.0 128.8
 157 104.5 54.1 162.3

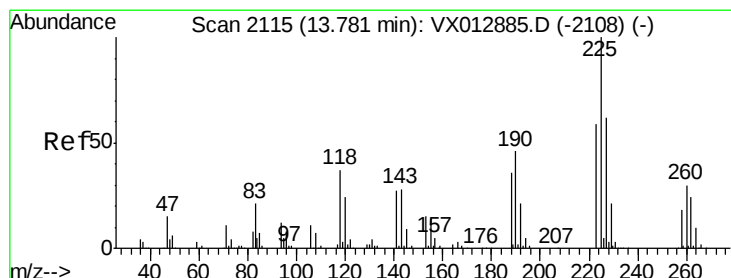
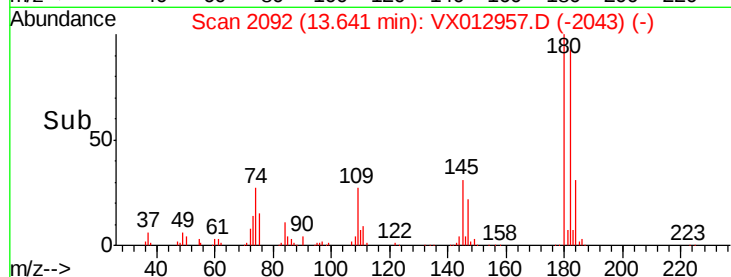
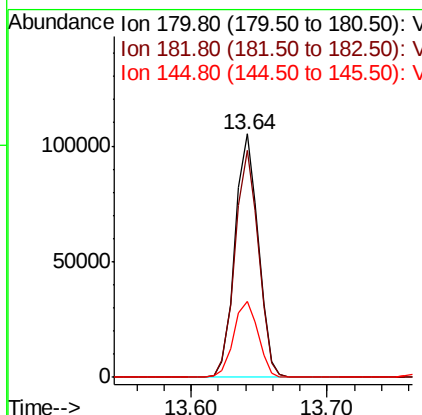
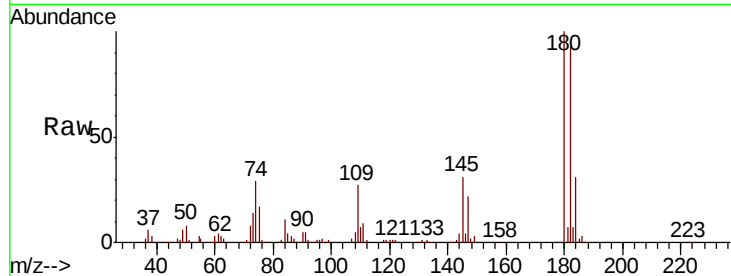




#93
 1,2,4-Trichlorobenzene
 Concen: 53.175 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

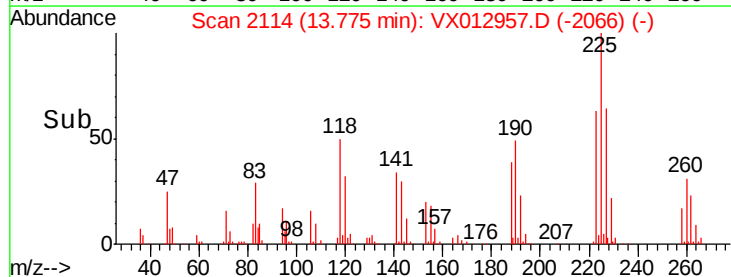
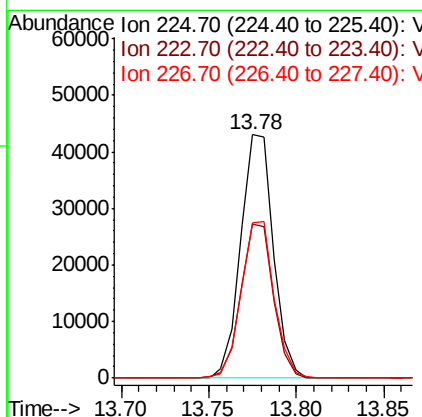
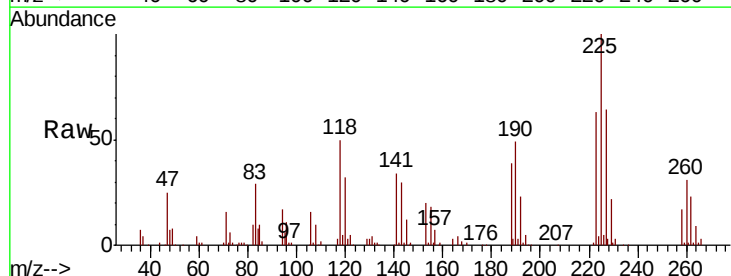
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

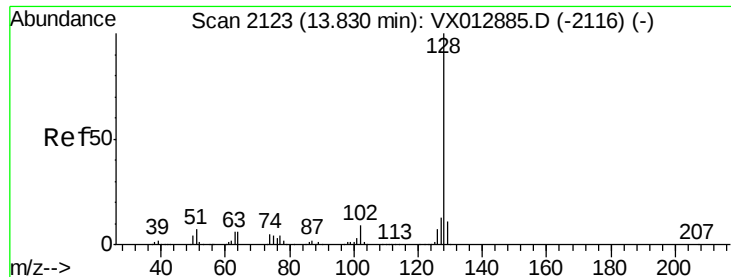
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.8	140.4
145	32.8	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 51.059 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012957.D
 Acq: 09 Oct 2019 21:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.1	93.2
227	64.8	32.3	96.9

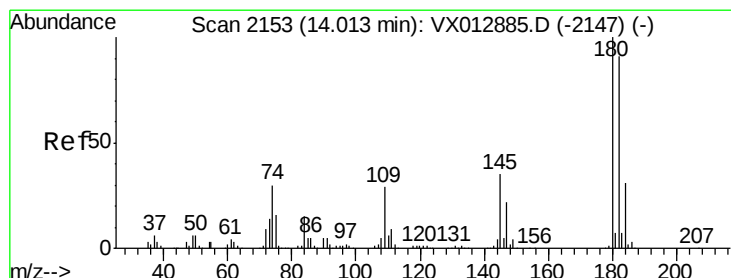
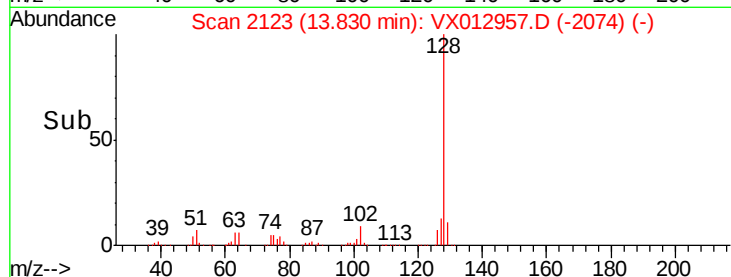
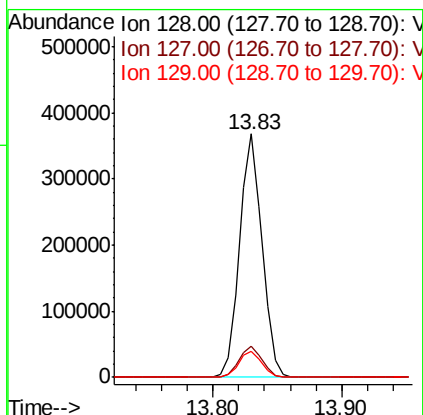
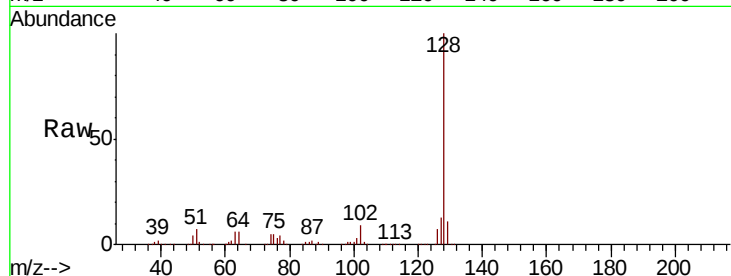




#95
Naphthalene
Concen: 54.028 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 443047
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.762 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012957.D
Acq: 09 Oct 2019 21:11

Tgt Ion:180 Resp: 126537
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.5
145 35.3 17.4 52.3

