

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
 Data File : VX018039.D
 Acq On : 20 Aug 2020 17:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 21 01:27:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	642262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	992773	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	961976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	495667	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	379267	40.28	ug/l	0.00
Spiked Amount			Recovery	=	80.56%	
35) Dibromofluoromethane	5.46	113	306661	41.48	ug/l	0.00
Spiked Amount			Recovery	=	82.96%	
50) Toluene-d8	8.70	98	1141460	43.68	ug/l	0.00
Spiked Amount			Recovery	=	87.36%	
62) 4-Bromofluorobenzene	11.12	95	462827	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	423040	43.715	ug/l	96
3) Chloromethane	1.31	50	372236	42.380	ug/l	99
4) Vinyl Chloride	1.39	62	393785	43.605	ug/l	99
5) Bromomethane	1.62	94	186216	37.885	ug/l	98
6) Chloroethane	1.71	64	213969	44.422	ug/l	98
7) Trichlorofluoromethane	1.91	101	562305	41.809	ug/l	100
8) Diethyl Ether	2.17	74	179290	45.740	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	305686	48.325	ug/l	100
10) Methyl Iodide	2.49	142	262388	32.167	ug/l	99
11) Tert butyl alcohol	3.02	59	382468	210.401	ug/l	99
12) 1,1-Dichloroethene	2.35	96	309409	53.447	ug/l	96
13) Acrolein	2.27	56	152955	159.286	ug/l	99
14) Allyl chloride	2.70	41	569086	55.118	ug/l	99
15) Acrylonitrile	3.12	53	927639	233.669	ug/l	99
16) Acetone	2.42	43	902191	243.572	ug/l	99
17) Carbon Disulfide	2.55	76	902831	64.277	ug/l	100
18) Methyl Acetate	2.75	43	399621	42.876	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	1061739	47.971	ug/l	100
20) Methylene Chloride	2.83	84	348474	51.064	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	336466	56.536	ug/l	97
22) Diisopropyl ether	3.82	45	1095684	50.623	ug/l	91
23) Vinyl Acetate	3.79	43	5008237	302.793	ug/l	99
24) 1,1-Dichloroethane	3.67	63	622323	51.867	ug/l	99
25) 2-Butanone	4.64	43	1385890	247.146	ug/l	95
26) 2,2-Dichloropropane	4.55	77	574227	52.556	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	385523	54.914	ug/l	100
28) Bromochloromethane	4.98	49	253424	40.871	ug/l	97
29) Tetrahydrofuran	5.09	42	855306	245.591	ug/l	98
30) Chloroform	5.18	83	640924	48.872	ug/l	98
31) Cyclohexane	5.54	56	549148	56.442	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	592362	49.791	ug/l	99
36) 1,1-Dichloropropene	5.77	75	488052	58.734	ug/l	99
37) Ethyl Acetate	4.79	43	525090	52.814	ug/l	99
38) Carbon Tetrachloride	5.75	117	543120	50.502	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	552213	51.856	ug/l	99
40) Benzene	6.11	78	1401619	56.003	ug/l	100
41) Methacrylonitrile	5.01	41	294442	51.670	ug/l	96
42) 1,2-Dichloroethane	6.16	62	525139	49.397	ug/l	99
43) Isopropyl Acetate	6.42	43	870308	54.226	ug/l	99
44) Trichloroethene	7.19	130	396943	53.482	ug/l	99
45) 1,2-Dichloropropane	7.49	63	377145	52.594	ug/l	98
46) Dibromomethane	7.63	93	258635	51.679	ug/l	93
47) Bromodichloromethane	7.88	83	534027	49.152	ug/l	99
48) Methyl methacrylate	7.74	41	444264	55.836	ug/l	98
49) 1,4-Dioxane	7.71	88	141174	866.683	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2710526	250.833	ug/l	100
52) Toluene	8.76	92	902999	55.147	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	614681	53.492	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	638988	53.332	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	372193	49.478	ug/l	95
56) Ethyl methacrylate	9.16	69	578551	54.397	ug/l	97
57) 1,3-Dichloropropane	9.35	76	616703	51.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1366619	265.342	ug/l	99
59) 2-Hexanone	9.48	43	2139157	261.249	ug/l	100
60) Dibromochloromethane	9.57	129	452797	48.196	ug/l	99
61) 1,2-Dibromoethane	9.65	107	411860	49.429	ug/l	100
64) Tetrachloroethene	9.32	164	365745	49.785	ug/l	97
65) Chlorobenzene	10.12	112	1019078	53.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	403138	49.909	ug/l	98
67) Ethyl Benzene	10.24	91	1767160	56.138	ug/l	99
68) m/p-Xylenes	10.34	106	1346520	111.109	ug/l	95
69) o-Xylene	10.68	106	645906	55.270	ug/l	99
70) Styrene	10.70	104	1136041	56.347	ug/l	99
71) Bromoform	10.84	173	355585	49.047	ug/l	99
73) Isopropylbenzene	11.01	105	1753912	54.975	ug/l	100
74) N-amyl acetate	10.88	43	820221	57.800	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	552636	49.655	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	708172	67.182	ug/l	83
77) Bromobenzene	11.24	156	469280	53.017	ug/l	98
78) n-propylbenzene	11.34	91	2002287	53.659	ug/l	99
79) 2-Chlorotoluene	11.40	91	1205496	53.011	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1462718	52.231	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	214666	53.500	ug/l	97
82) 4-Chlorotoluene	11.49	91	1435660	53.684	ug/l	99
83) tert-Butylbenzene	11.76	119	1413917	53.463	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1491494	51.445	ug/l	98
85) sec-Butylbenzene	11.93	105	1642585	51.451	ug/l	99
86) p-Isopropyltoluene	12.05	119	1522595	51.269	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	815624	50.627	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	818320	51.848	ug/l	99
89) n-Butylbenzene	12.37	91	1370810	55.771	ug/l	99
90) Hexachloroethane	12.58	117	282593	47.845	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	773491	52.010	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	132076	46.587	ug/l	97

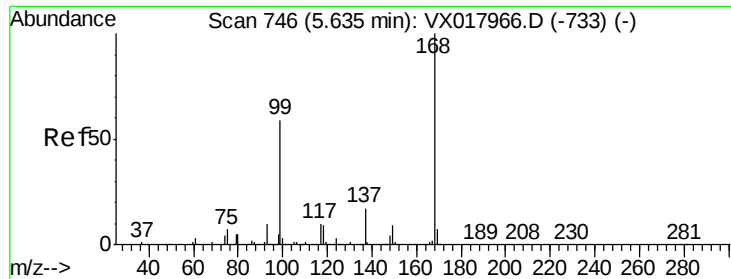
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	523788	53.536	ug/l	99
94) Hexachlorobutadiene	13.77	225	202934	48.603	ug/l	97
95) Naphthalene	13.82	128	1722991	55.790	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	514701	51.735	ug/l	97

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

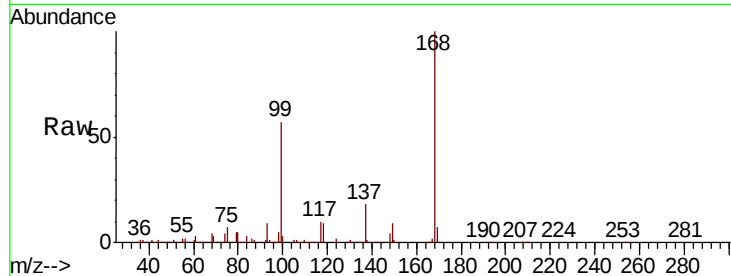


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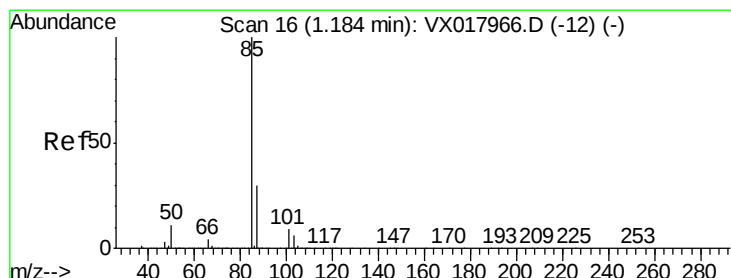
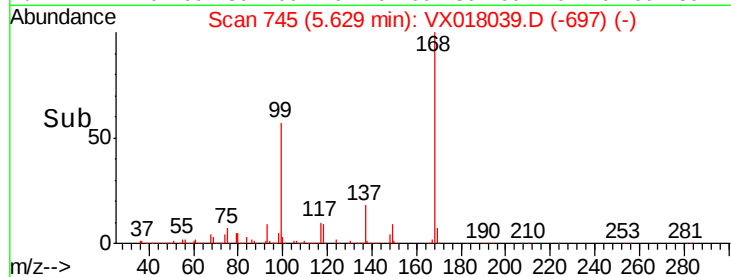
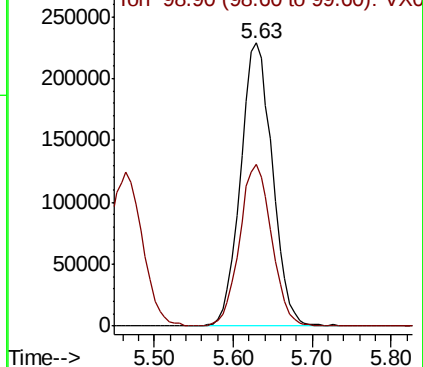
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

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Tot Ion:168 Resp: 642262
 Ion Ratio Lower Upper
 168 100
 99 56.8 47.4 71.2



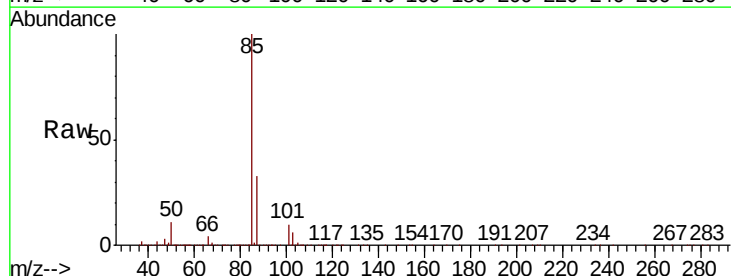
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



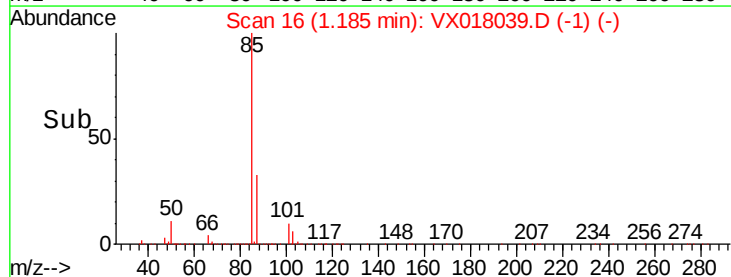
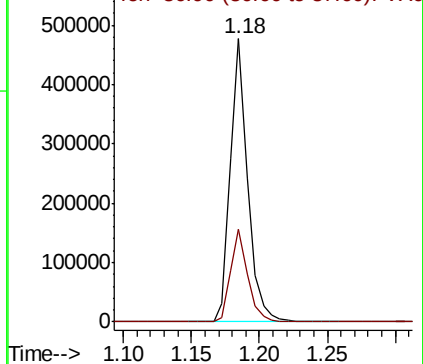
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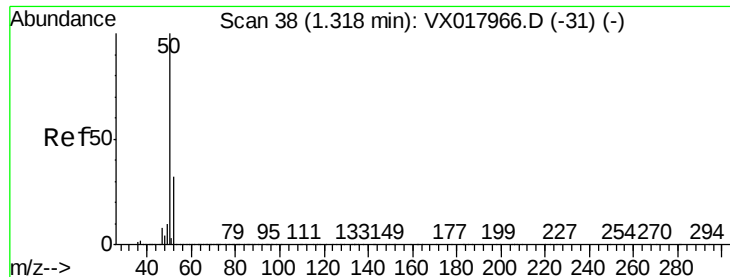
Dichlorodifluoromethane
 Concen: 43.715 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion: 85 Resp: 423040
 Ion Ratio Lower Upper
 85 100
 87 32.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0

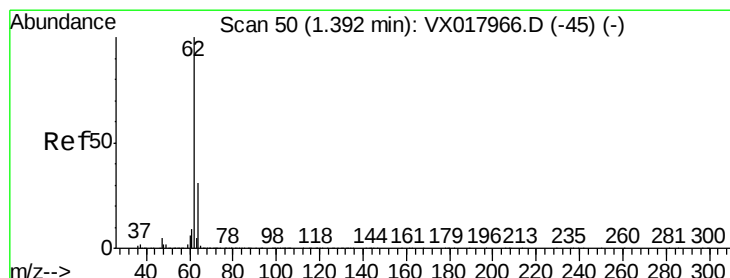
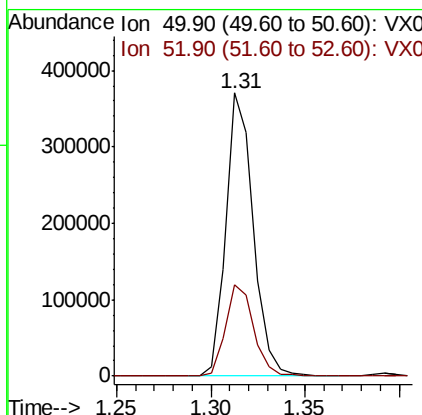
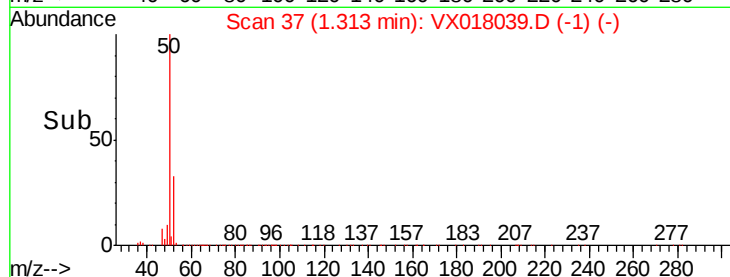
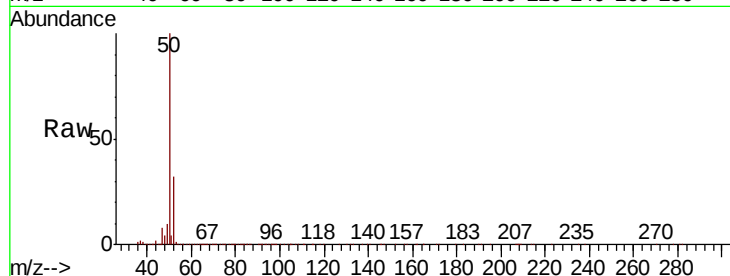




#3
Chloromethane
Concen: 42.380 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

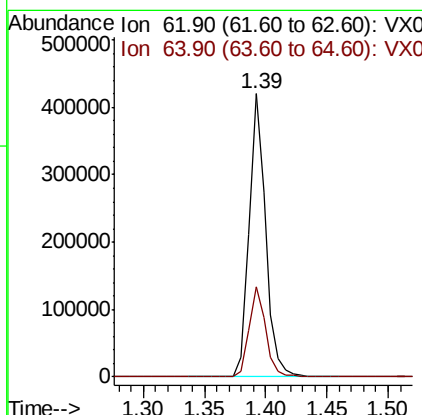
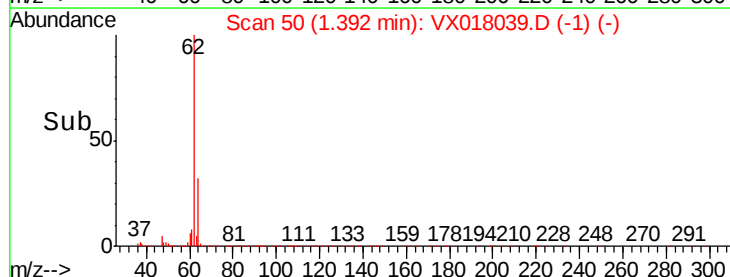
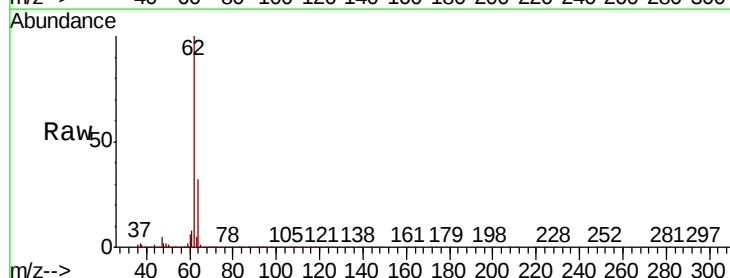
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

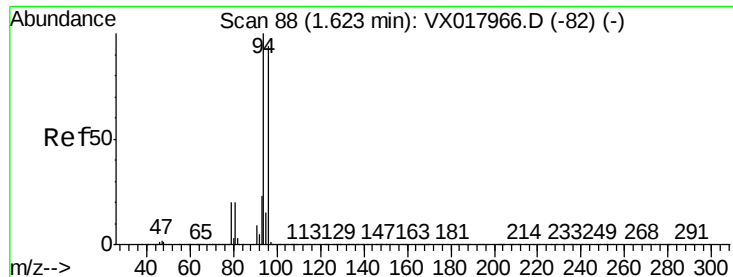
Tot Ion: 50 Resp: 372236
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0



#4
Vinyl Chloride
Concen: 43.605 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion: 62 Resp: 393785
Ion Ratio Lower Upper
62 100
64 31.7 24.7 37.1





#5

Bromomethane

Concen: 37.885 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

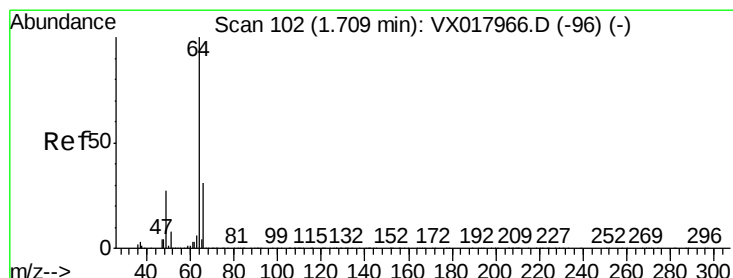
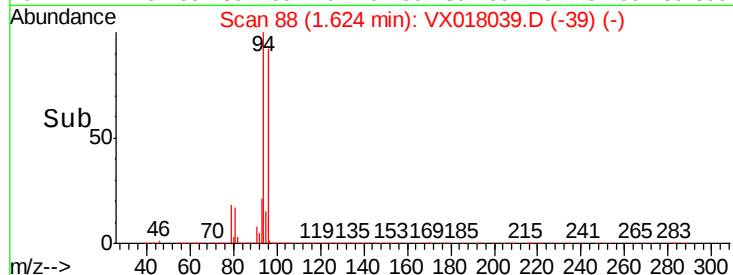
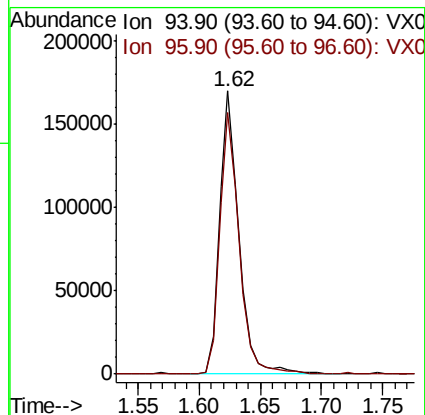
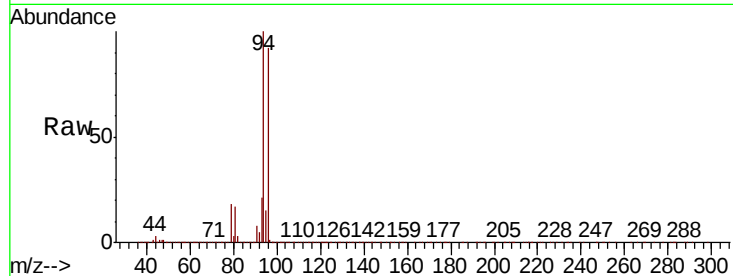
VSTDCCC050EC

Tot Ion: 94 Resp: 186216

Ion Ratio Lower Upper

94 100

96 92.3 75.5 113.3



#6

Chloroethane

Concen: 44.422 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018039.D

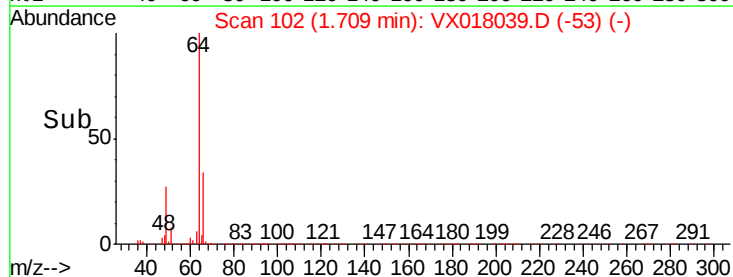
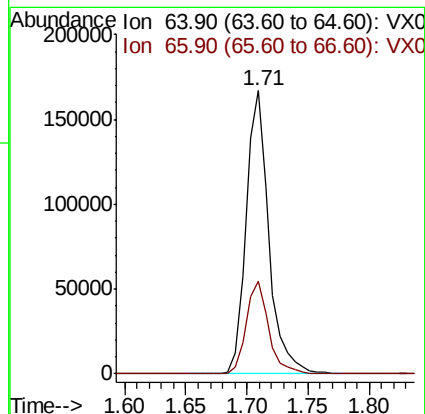
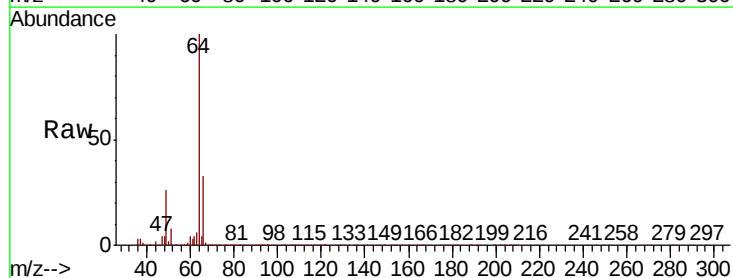
Acq: 20 Aug 2020 17:19

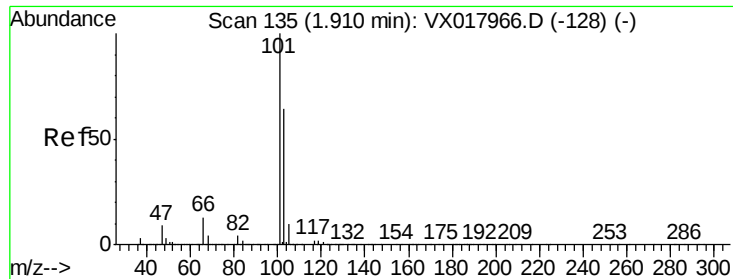
Tgt Ion: 64 Resp: 213969

Ion Ratio Lower Upper

64 100

66 32.5 25.0 37.4



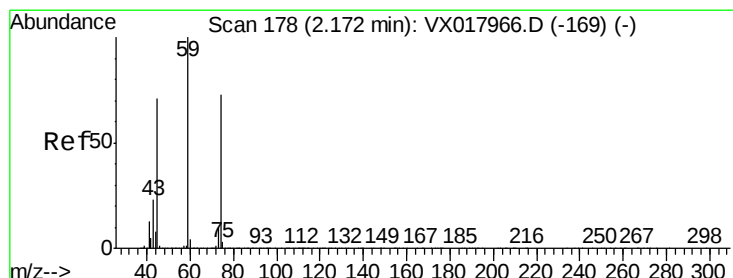
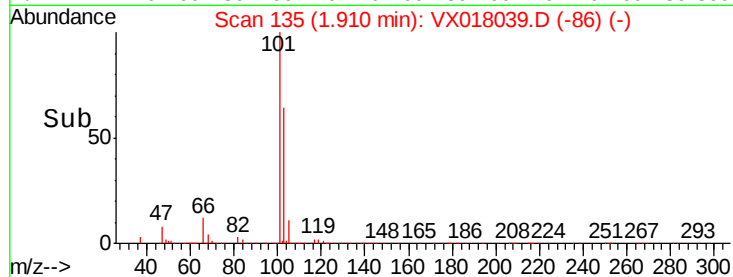
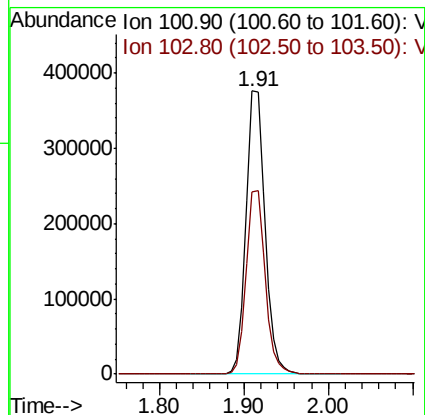
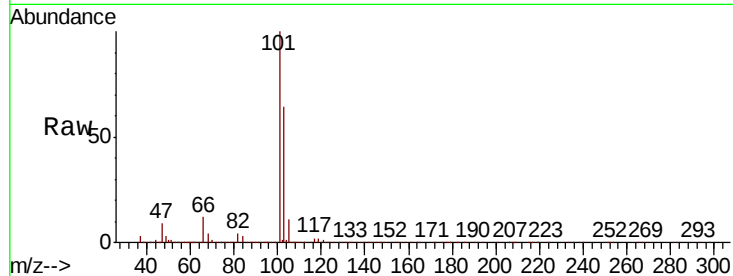


#7

Trichlorofluoromethane
 Concen: 41.809 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Instrument :
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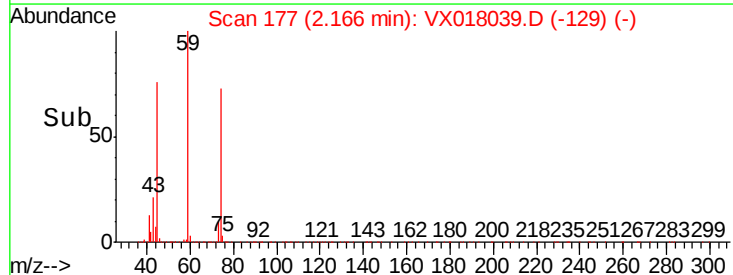
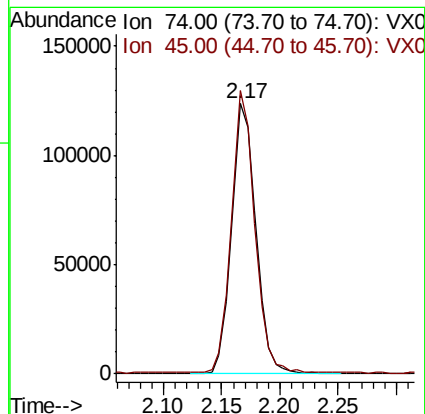
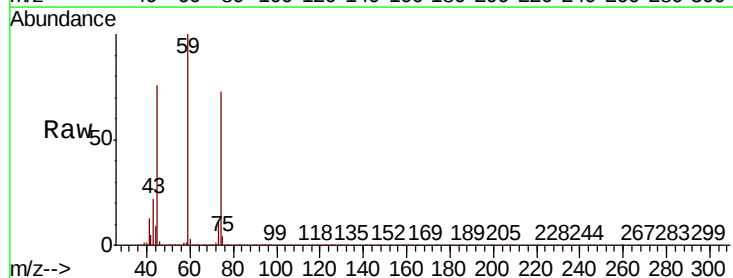
Tot Ion:101 Resp: 562305
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.2 76.8

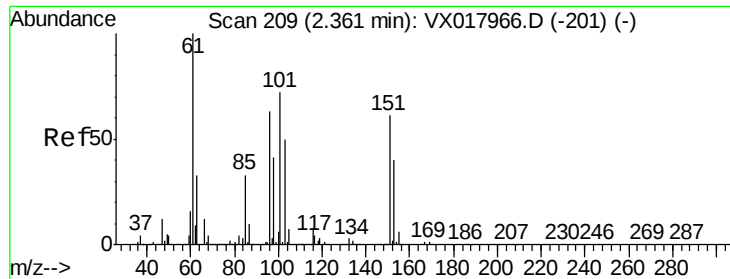


#8

Diethyl Ether
 Concen: 45.740 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion: 74 Resp: 179290
 Ion Ratio Lower Upper
 74 100
 45 100.7 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.325 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

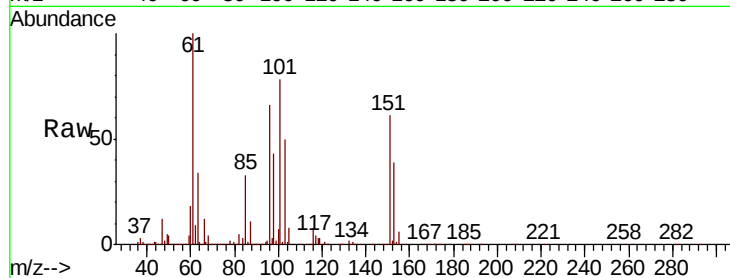
Tot Ion:101 Resp: 305686

Ion Ratio Lower Upper

101 100

85 43.8 35.4 53.2

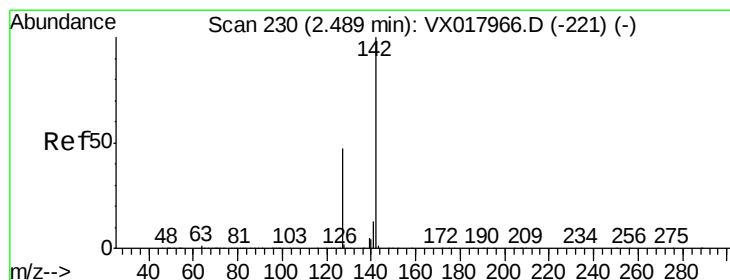
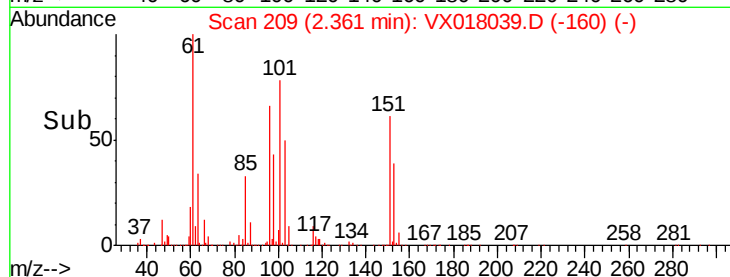
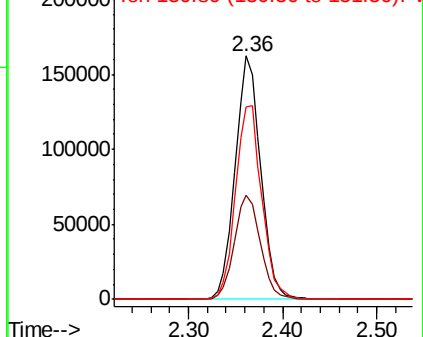
151 81.9 65.4 98.0



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: 32.167 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

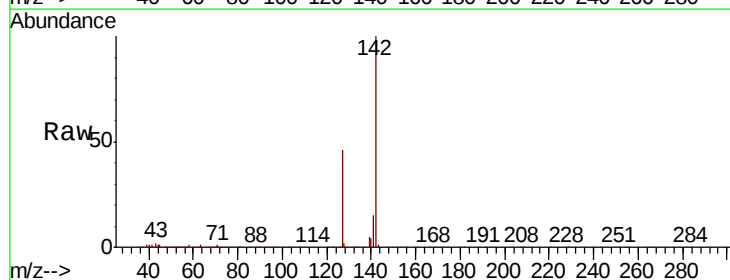
Tgt Ion:142 Resp: 262388

Ion Ratio Lower Upper

142 100

127 47.0 38.0 57.0

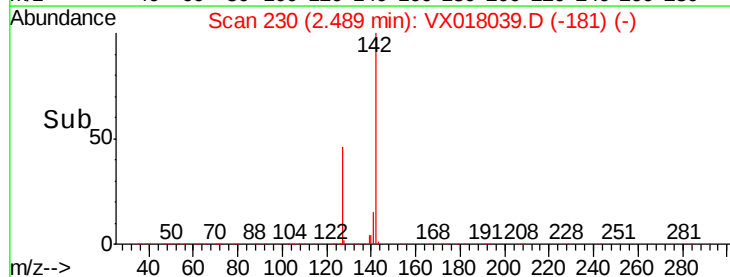
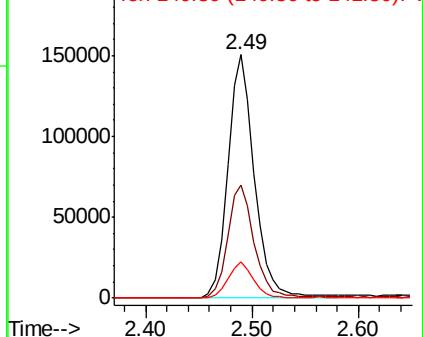
141 14.3 11.2 16.8

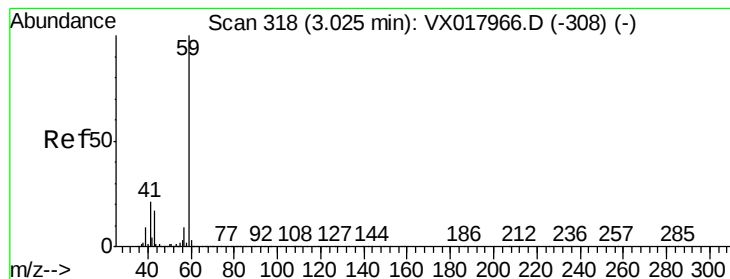


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



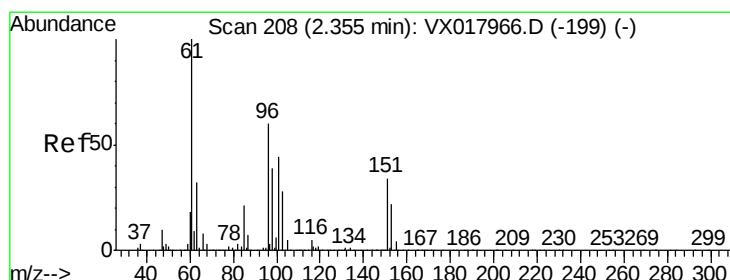
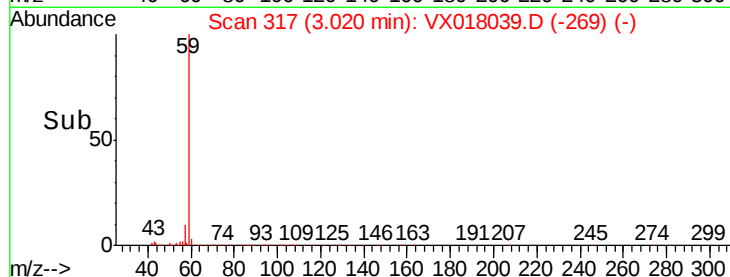
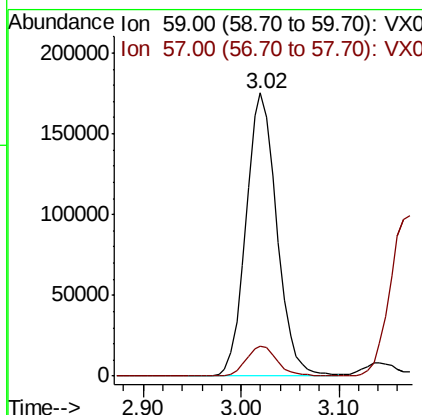
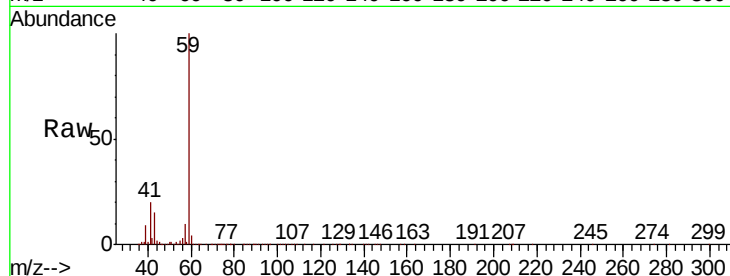


#11

Tert butyl alcohol
 Concen: 210.401 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.01 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

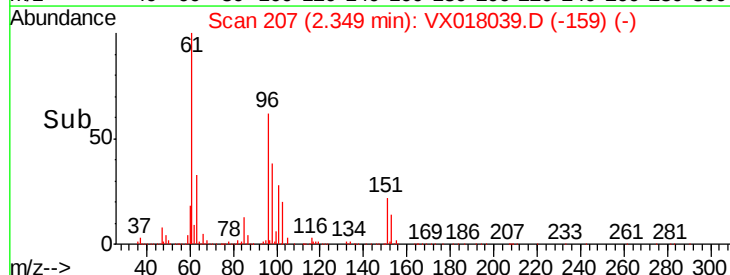
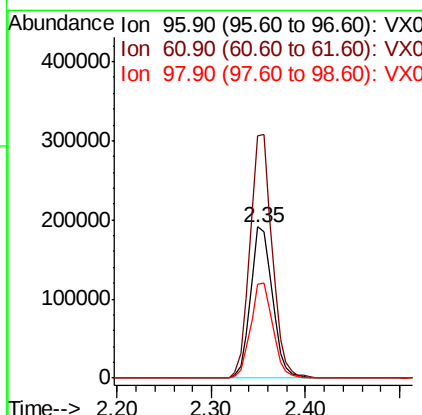
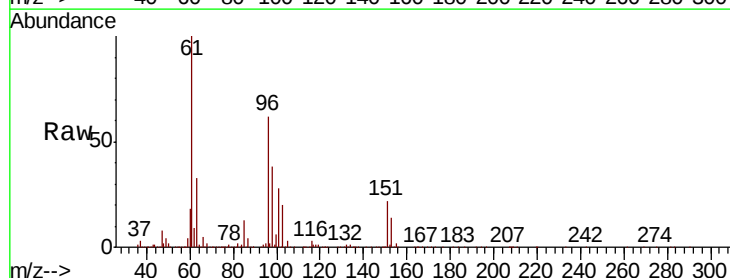
Tot Ion: 59 Resp: 382468
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 13.0

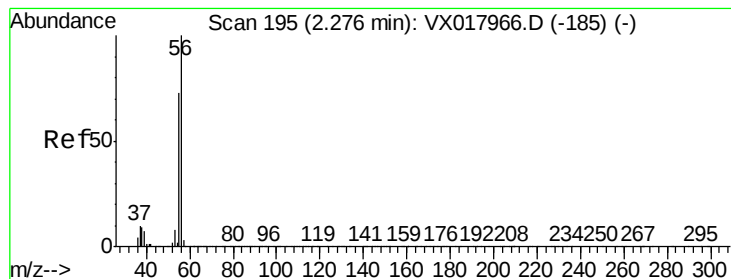


#12

1,1-Dichloroethene
 Concen: 53.447 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion: 96 Resp: 309409
 Ion Ratio Lower Upper
 96 100
 61 160.8 132.9 199.3
 98 61.8 51.6 77.4





#13

Acrolein

Concen: 159.286 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

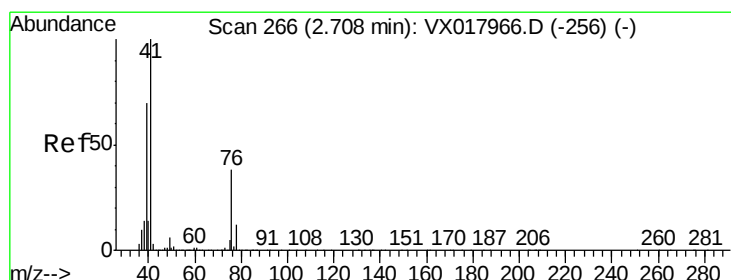
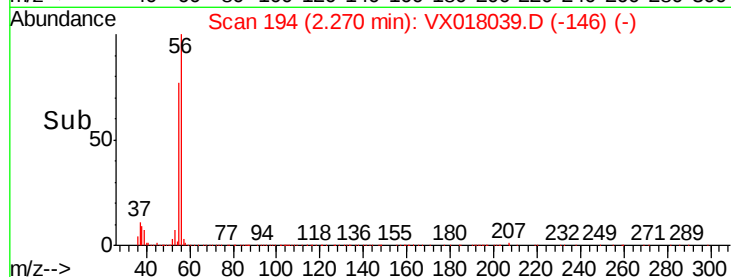
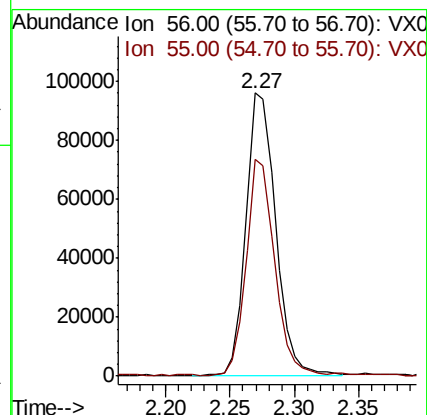
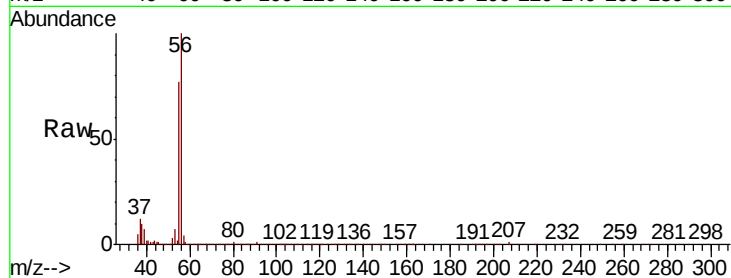
VSTDCCC050EC

Tot Ion: 56 Resp: 152955

Ion Ratio Lower Upper

56 100

55 72.4 58.2 87.4



#14

Allyl chloride

Concen: 55.118 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

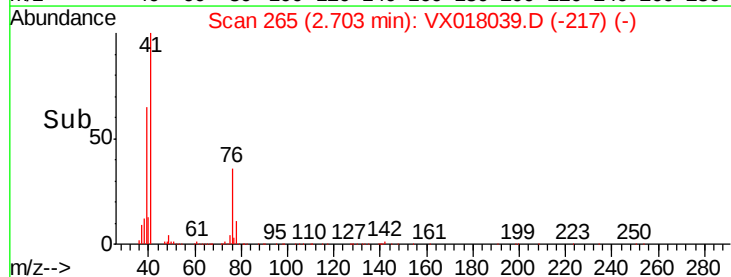
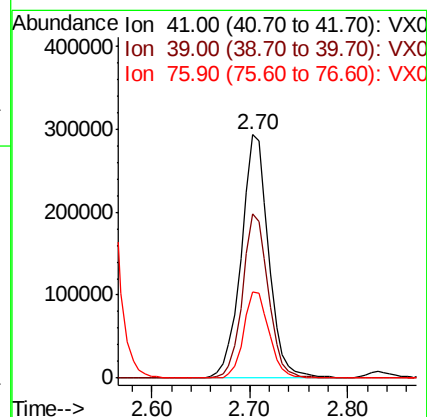
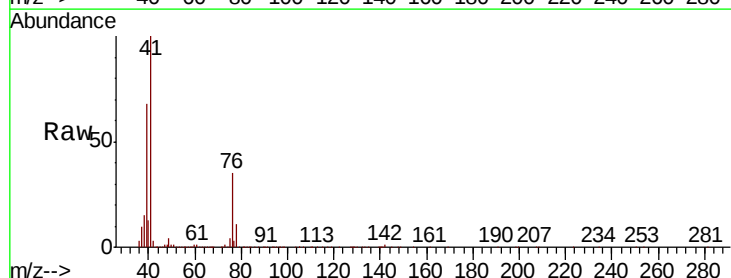
Tgt Ion: 41 Resp: 569086

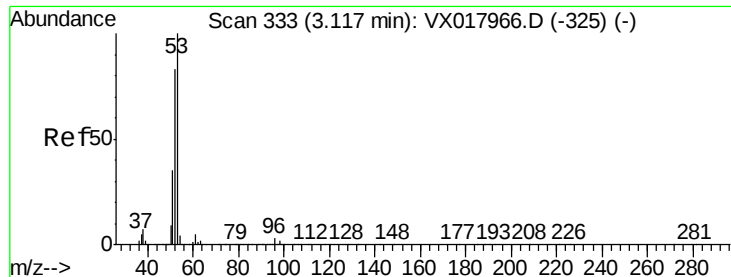
Ion Ratio Lower Upper

41 100

39 63.3 51.7 77.5

76 32.9 26.3 39.5





#15

Acrylonitrile

Concen: 233.669 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

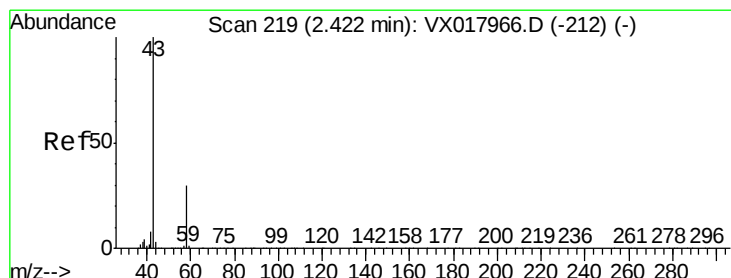
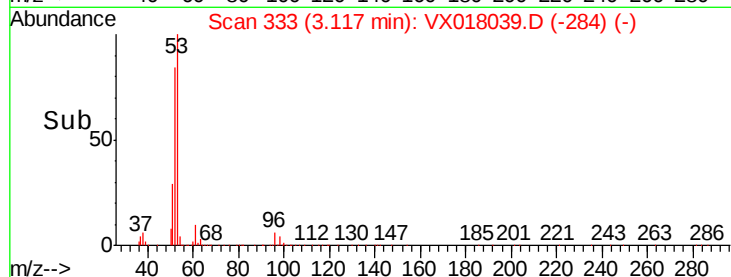
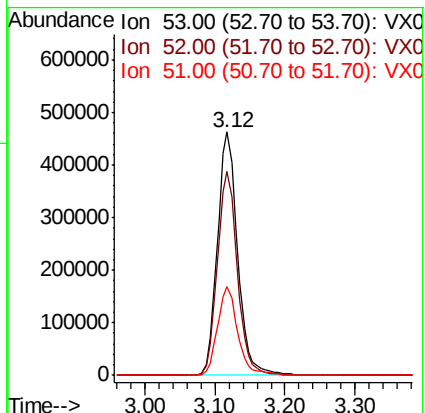
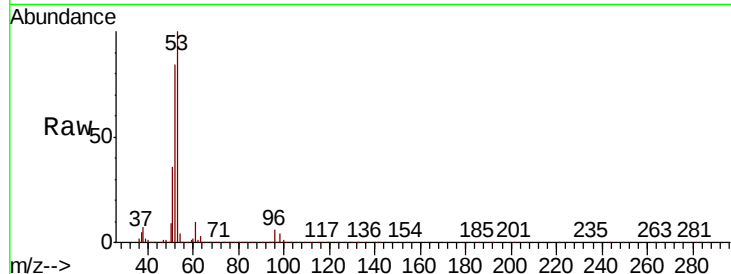
Tot Ion: 53 Resp: 927639

Ion Ratio Lower Upper

53 100

52 83.1 67.1 100.7

51 36.2 29.2 43.8



#16

Acetone

Concen: 243.572 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018039.D

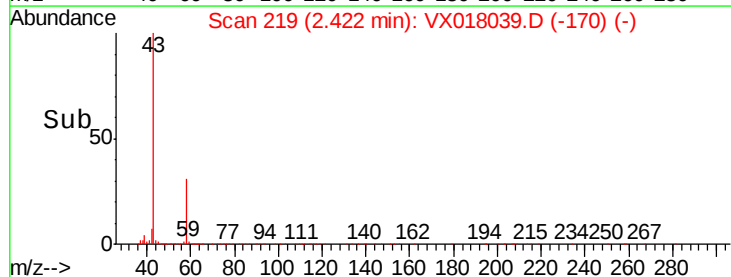
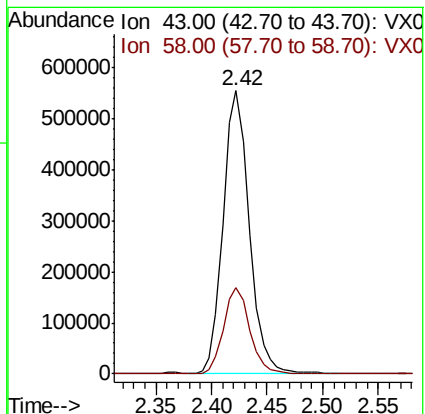
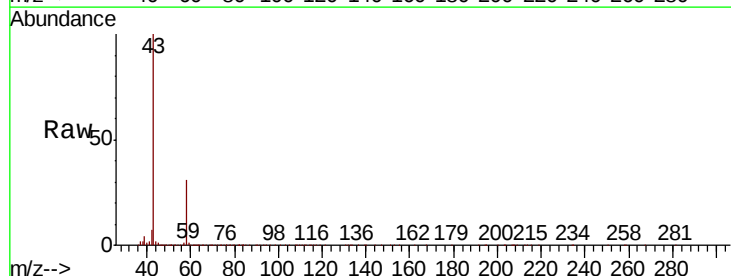
Acq: 20 Aug 2020 17:19

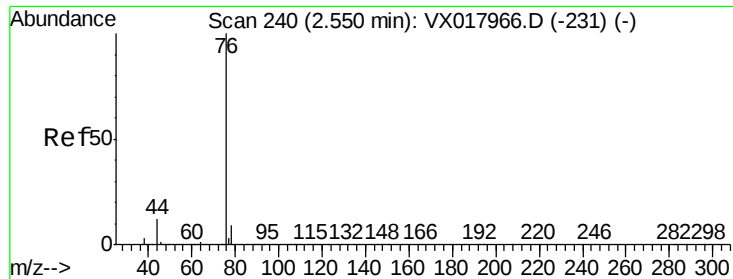
Tgt Ion: 43 Resp: 902191

Ion Ratio Lower Upper

43 100

58 30.6 23.8 35.8





#17

Carbon Disulfide

Concen: 64.277 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

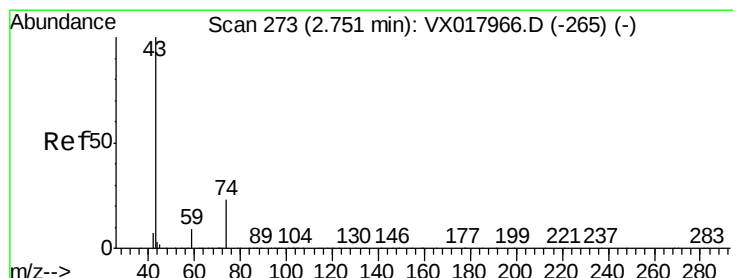
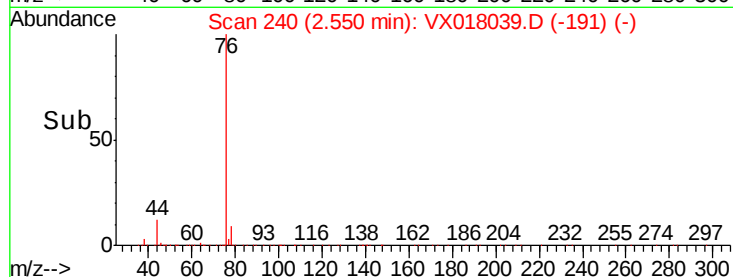
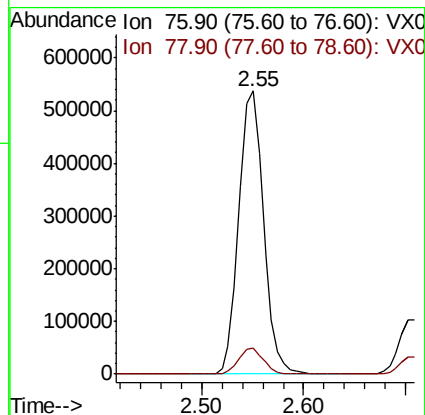
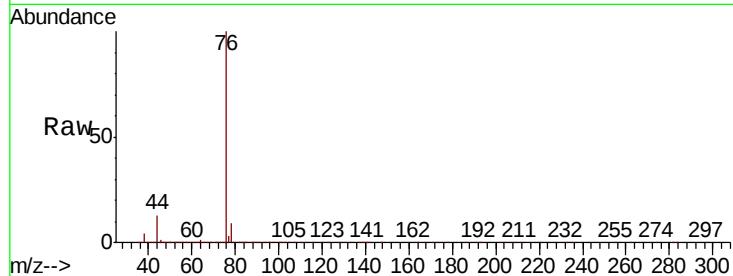
VSTDCCC050EC

Tot Ion: 76 Resp: 902831

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



#18

Methyl Acetate

Concen: 42.876 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018039.D

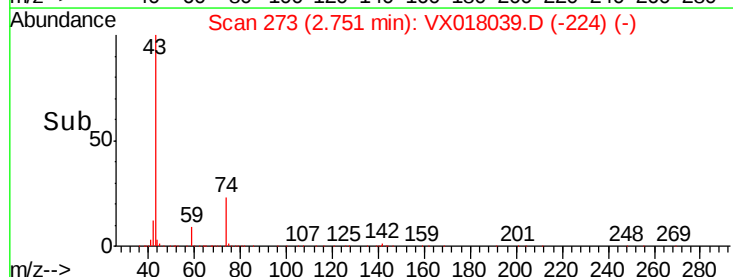
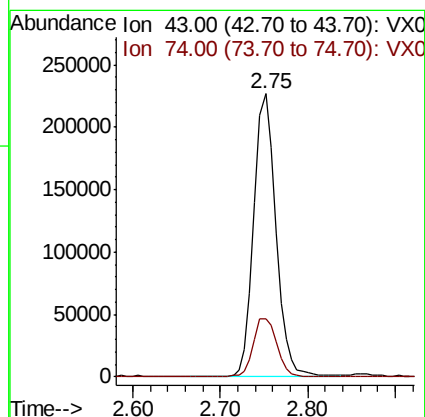
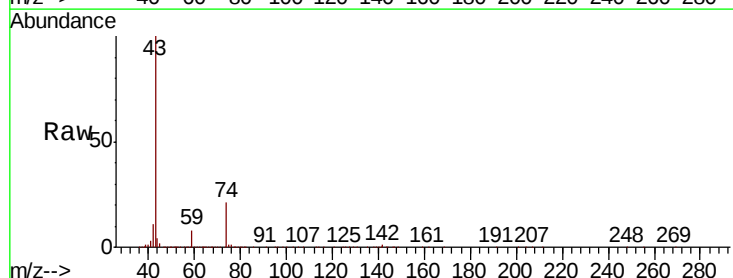
Acq: 20 Aug 2020 17:19

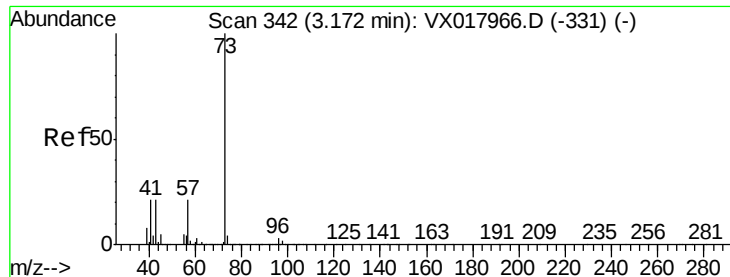
Tgt Ion: 43 Resp: 399621

Ion Ratio Lower Upper

43 100

74 22.5 19.7 29.5

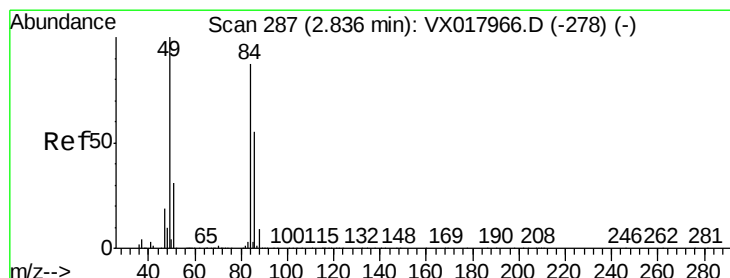
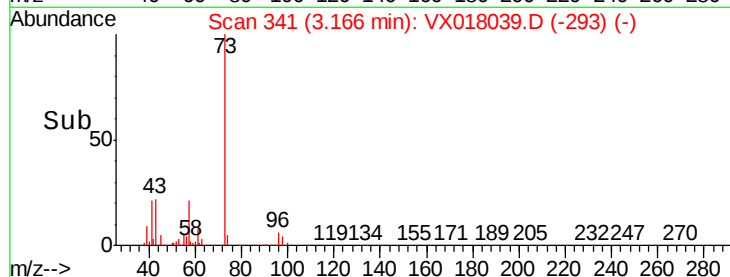
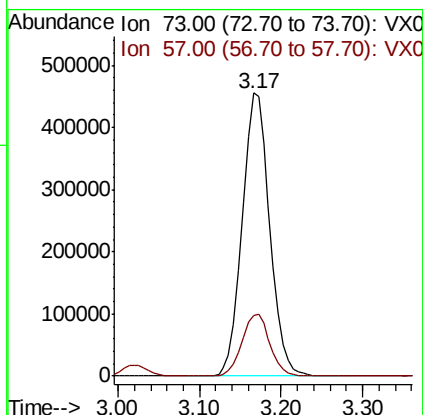
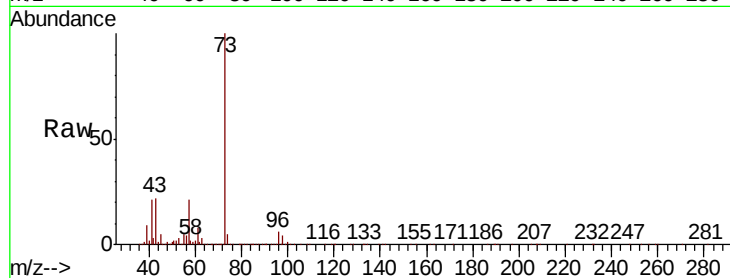




#19
Methvl tert-butvl Ether
Concen: 47.971 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

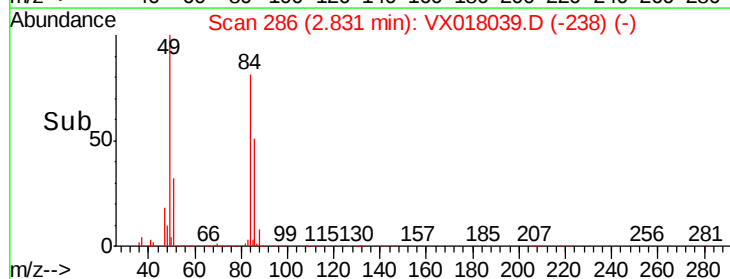
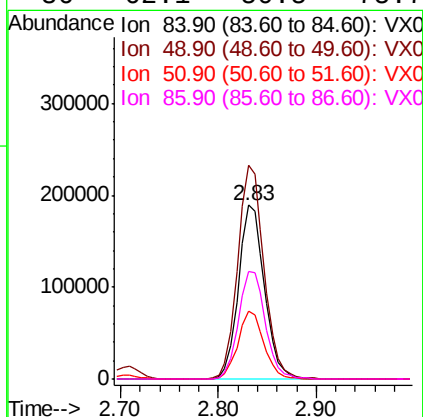
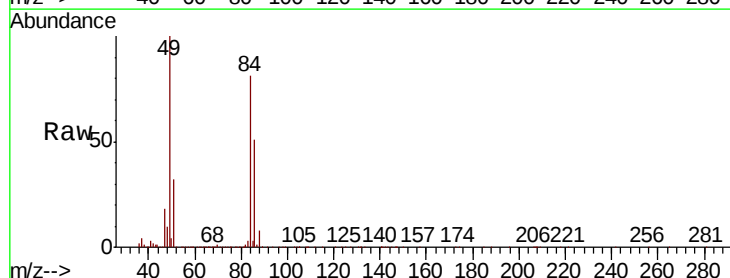
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

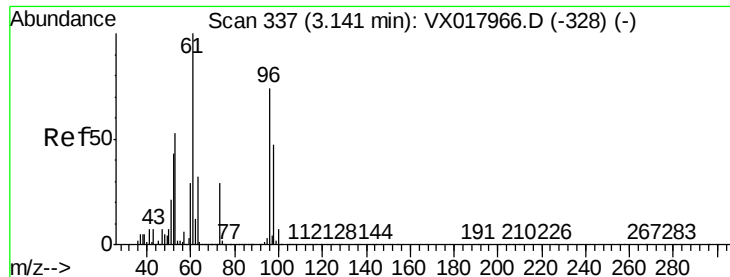
Tot Ion: 73 Resp: 1061739
Ion Ratio Lower Upper
73 100
57 21.3 16.9 25.3



#20
Methylene Chloride
Concen: 51.064 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion: 84 Resp: 348474
Ion Ratio Lower Upper
84 100
49 122.7 91.8 137.6
51 39.1 27.8 41.8
86 62.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 56.536 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

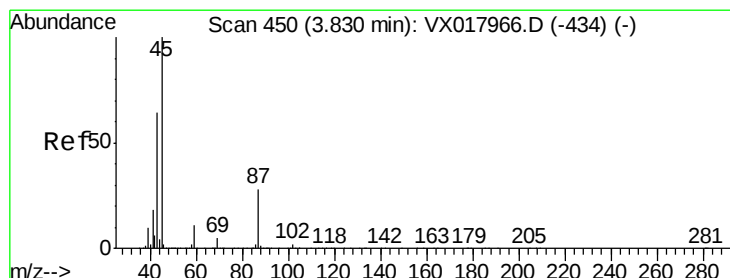
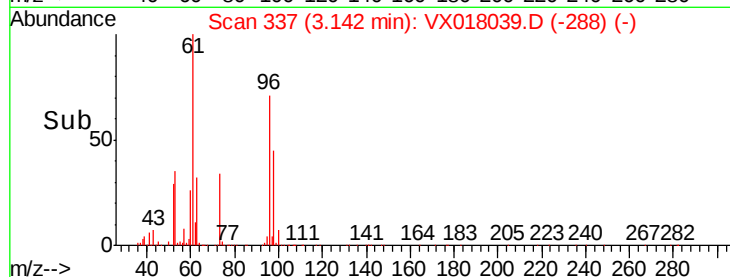
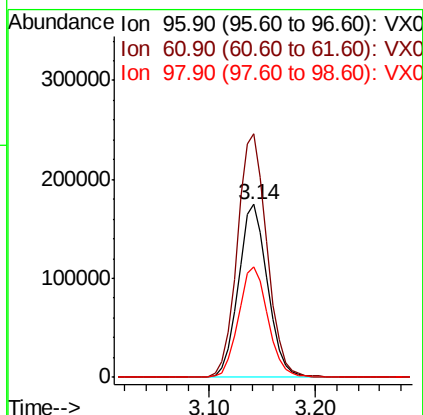
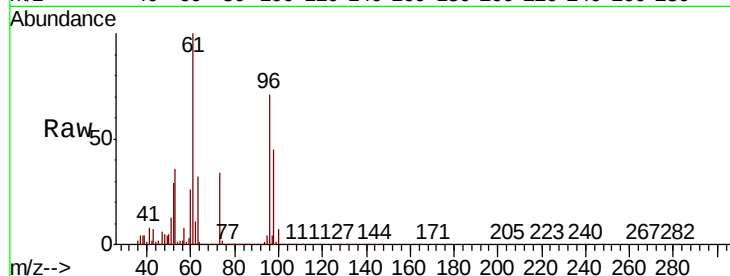
Tot Ion: 96 Resp: 336466

Ion Ratio Lower Upper

96 100

61 140.7 108.6 163.0

98 63.5 51.4 77.0



#22

Diisopropyl ether

Concen: 50.623 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion: 45 Resp: 1095684

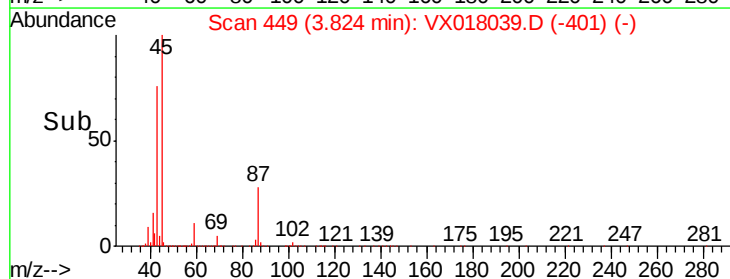
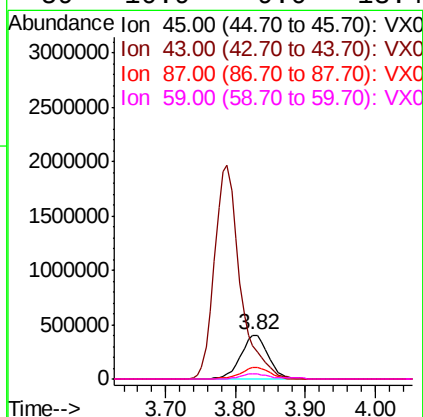
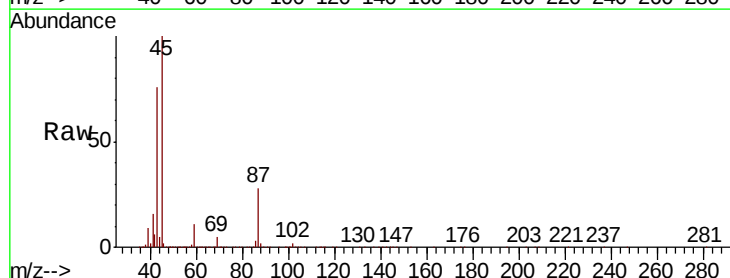
Ion Ratio Lower Upper

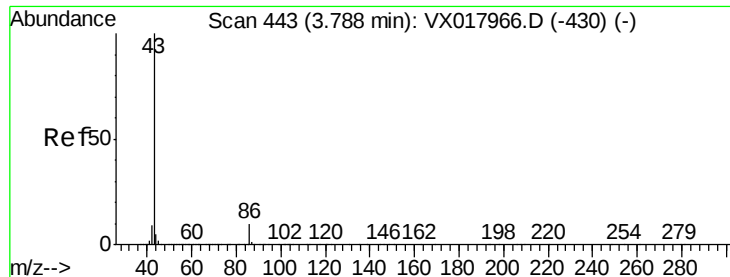
45 100

43 75.6 51.5 77.3

87 27.8 22.6 33.8

59 10.9 9.0 13.4





#23

Vinyl Acetate

Concen: 302.793 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

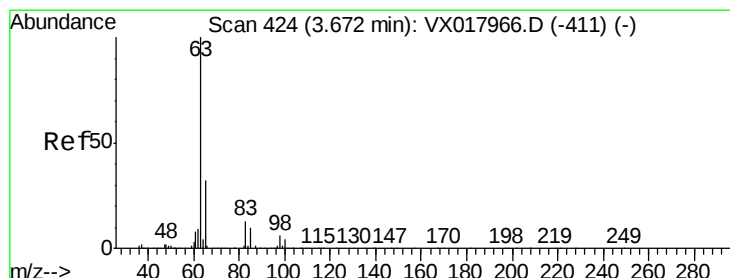
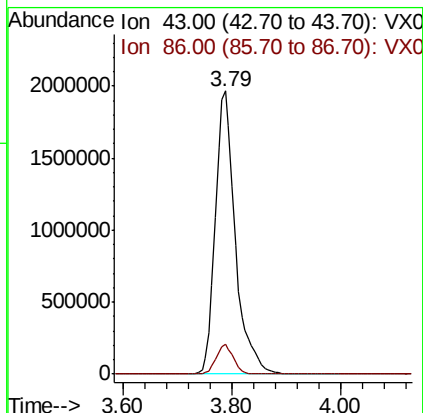
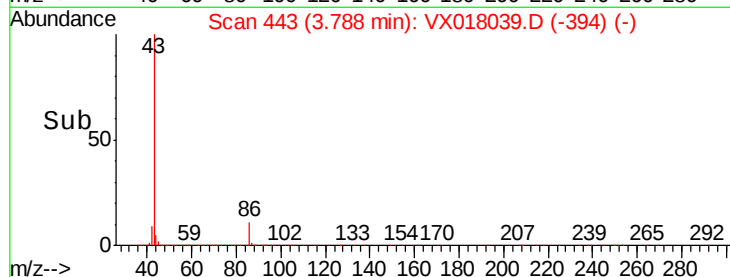
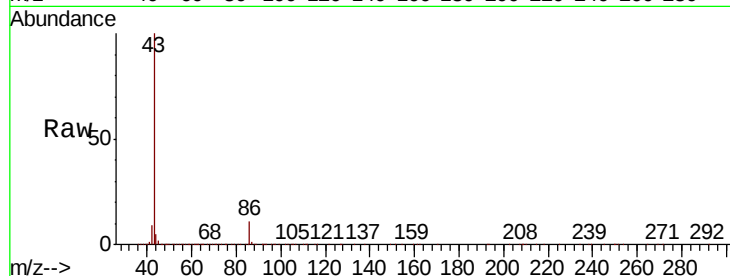
VSTDCCC050EC

Tot Ion: 43 Resp: 5008237

Ion Ratio Lower Upper

43 100

86 10.5 8.1 12.1



#24

1,1-Dichloroethane

Concen: 51.867 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

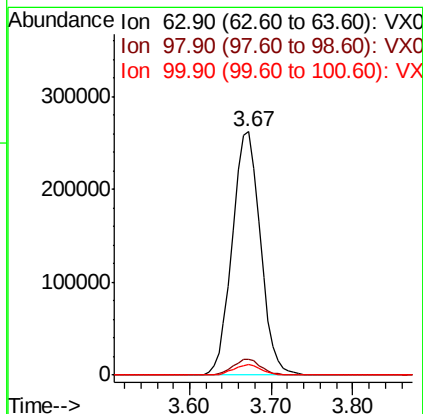
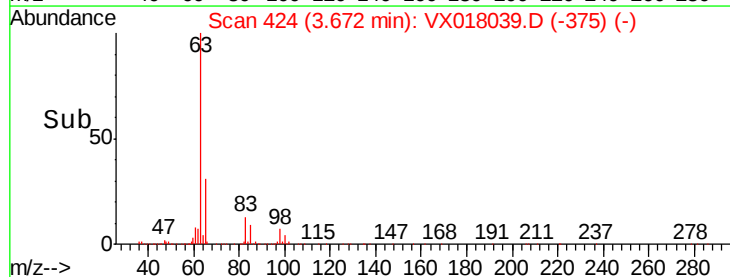
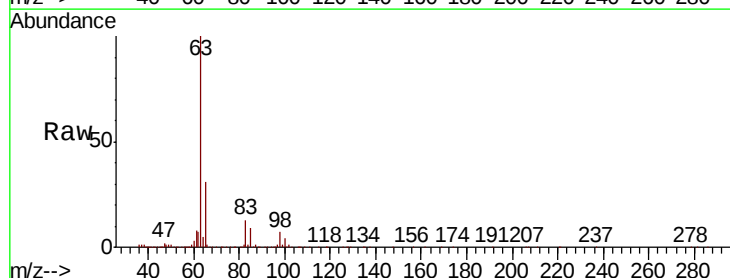
Tgt Ion: 63 Resp: 622323

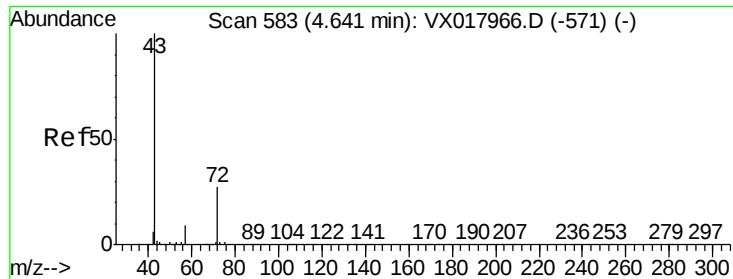
Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.0

100 4.3 2.0 5.8

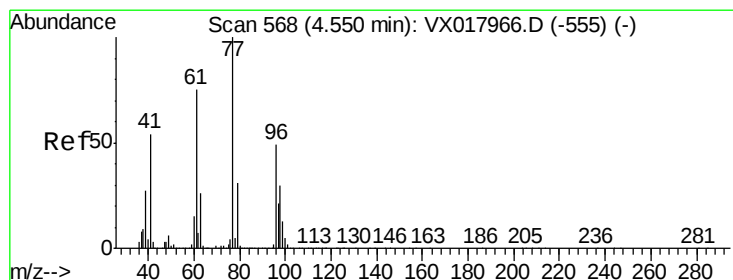
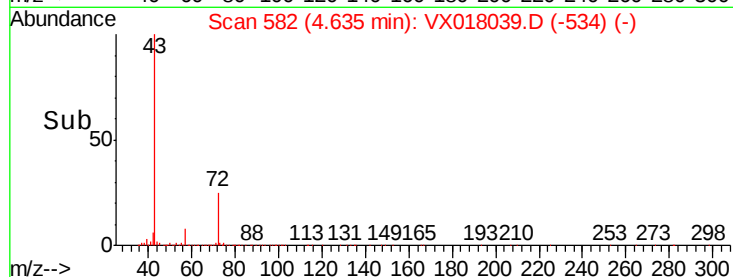
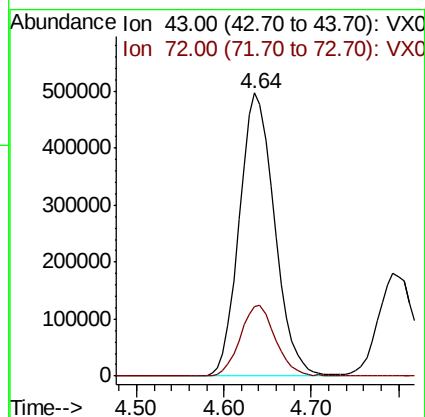
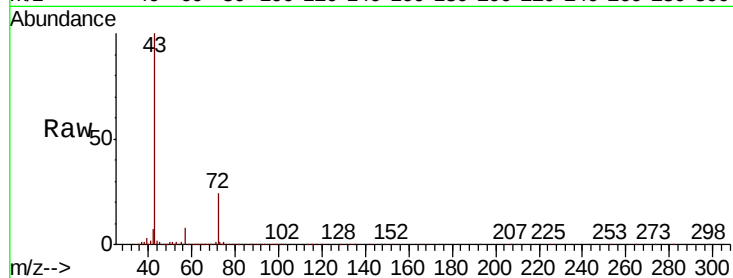




#25
2-Butanone
Concen: 247.146 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

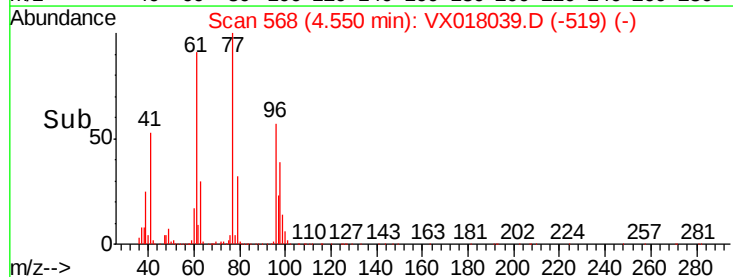
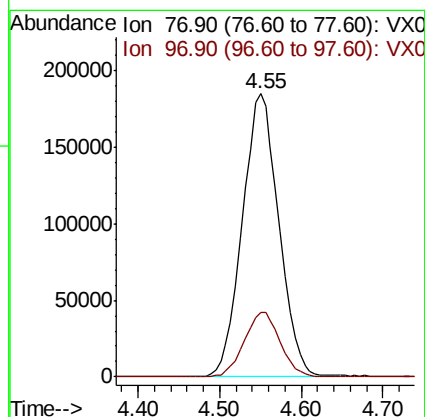
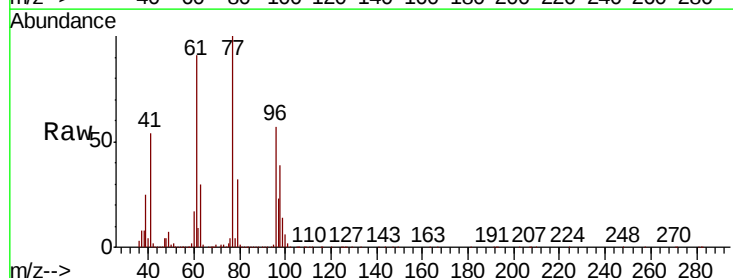
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

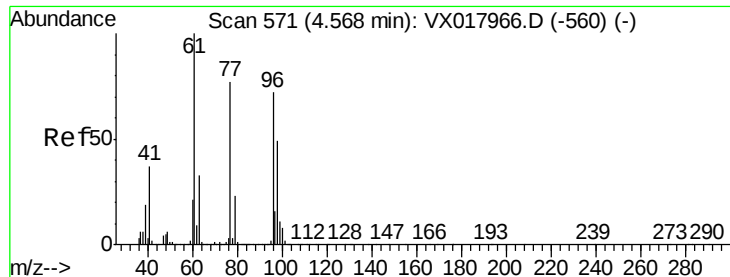
Tot Ion: 43 Resp: 1385890
Ion Ratio Lower Upper
43 100
72 24.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 52.556 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion: 77 Resp: 574227
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9



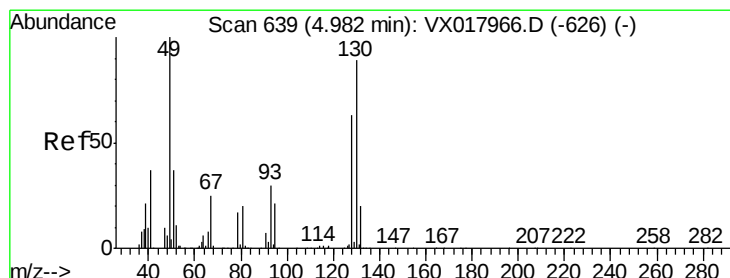
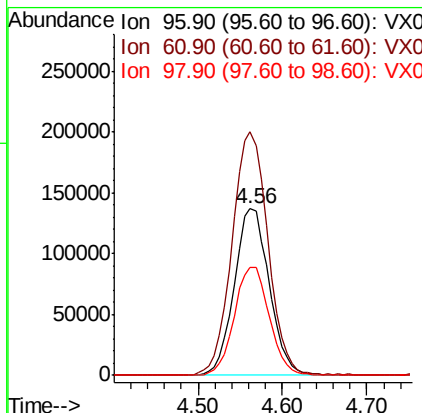
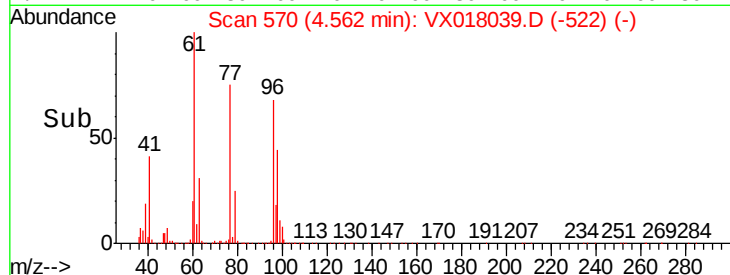
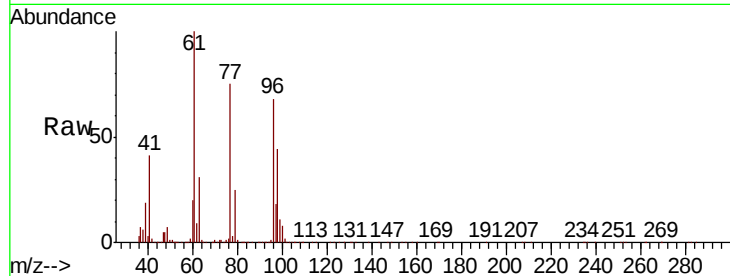


#27

cis-1,2-Dichloroethene
Concen: 54.914 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

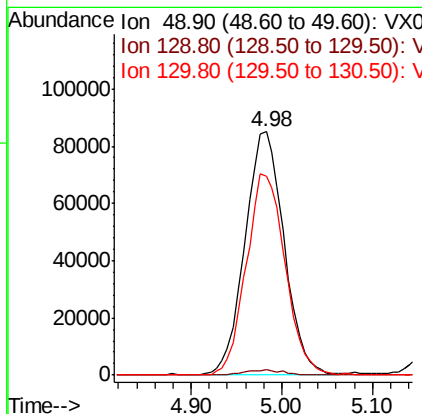
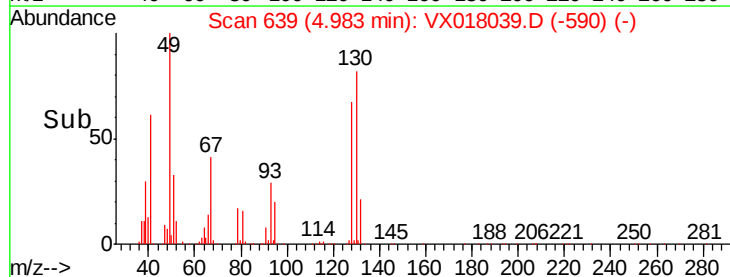
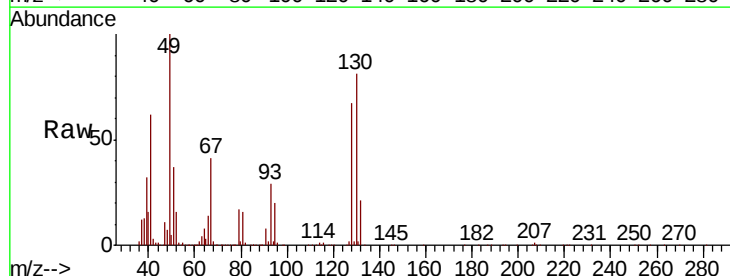
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	298.8
98	64.9	0.0	130.2

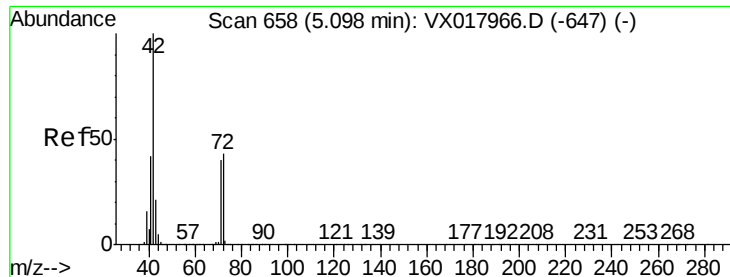


#28

Bromochloromethane
Concen: 40.871 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.6
130	82.9	68.5	102.7





#29

Tetrahydrofuran

Concen: 245.591 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

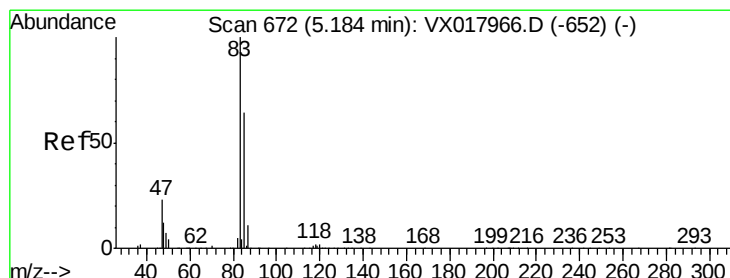
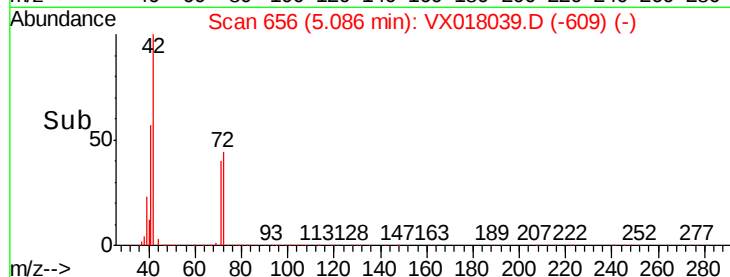
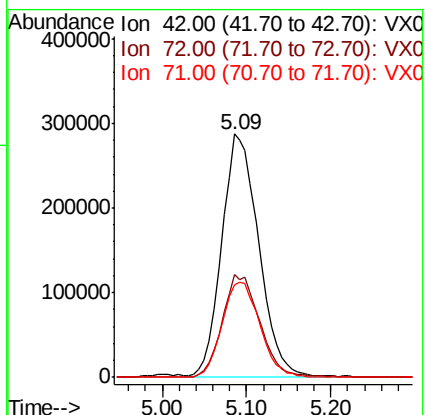
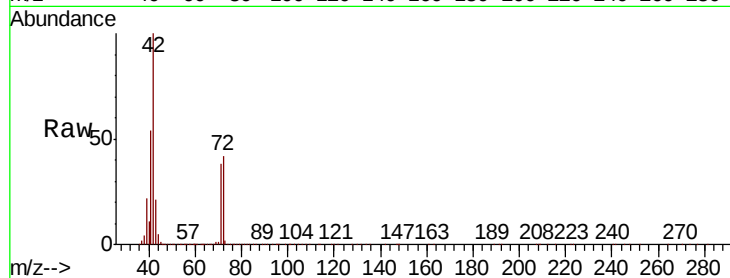
Tot Ion: 42 Resp: 855306

Ion Ratio Lower Upper

42 100

72 43.2 35.9 53.9

71 40.4 33.0 49.4



#30

Chloroform

Concen: 48.872 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018039.D

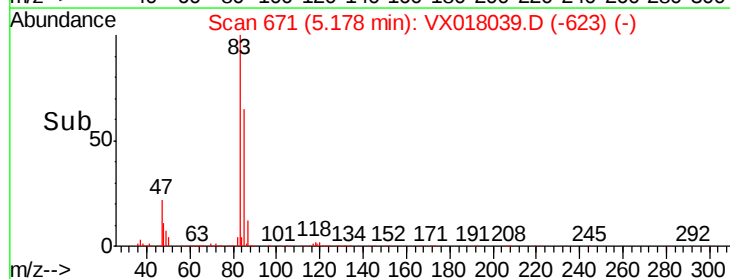
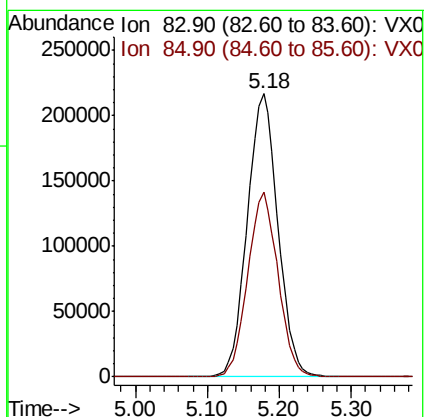
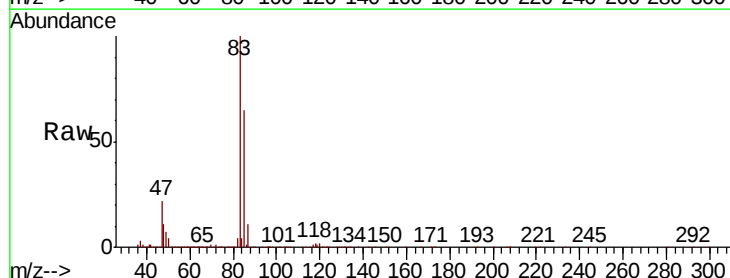
Acq: 20 Aug 2020 17:19

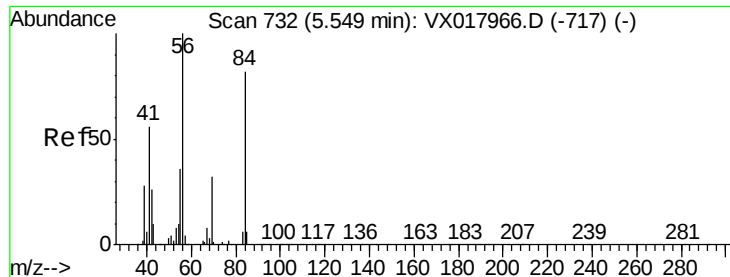
Tgt Ion: 83 Resp: 640924

Ion Ratio Lower Upper

83 100

85 65.4 51.3 76.9

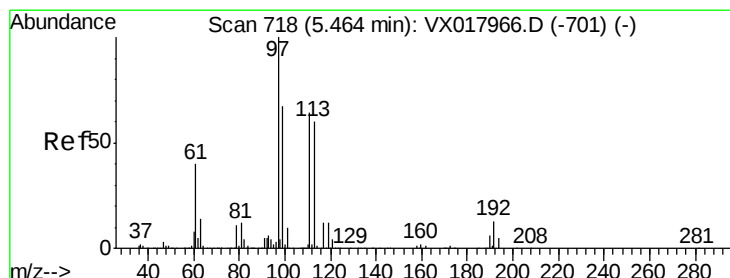
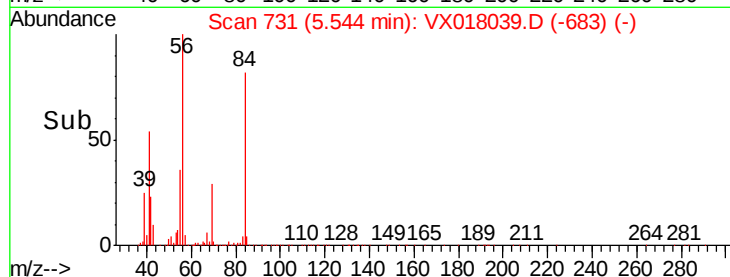
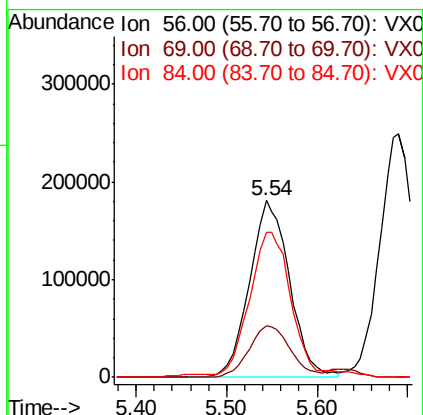
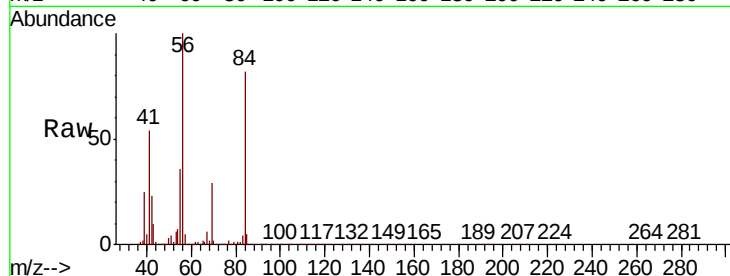




#31
Cyclohexane
Concen: 56.442 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

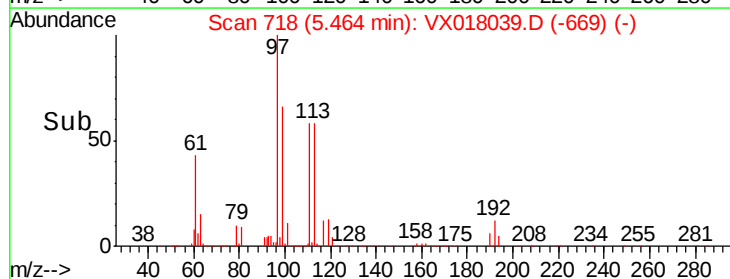
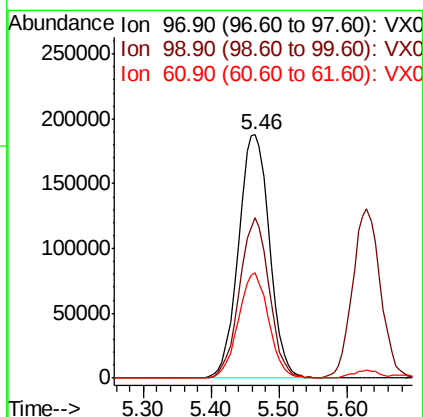
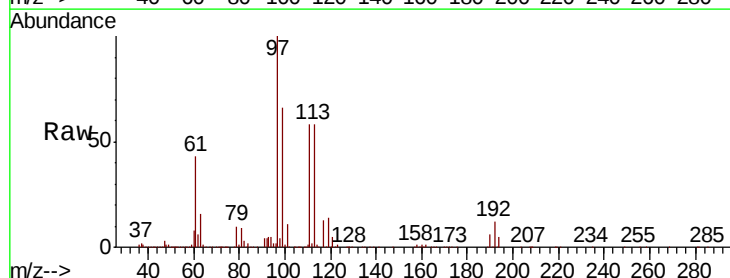
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

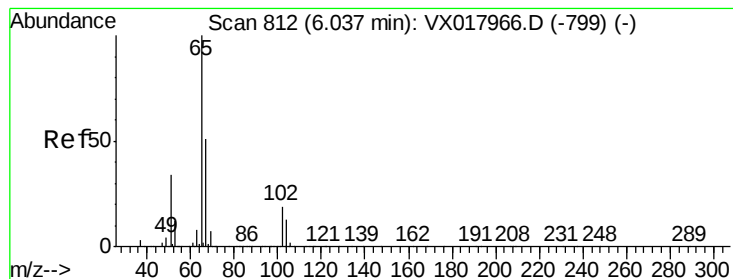
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	25.3	37.9
84	80.8	65.3	97.9



#32
1,1,1-Trichloroethane
Concen: 49.791 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.0
61	42.1	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 40.283 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

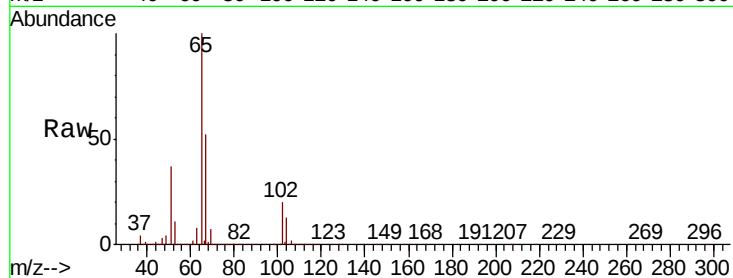
VSTDCCC050EC

Tot Ion: 65 Resp: 379267

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

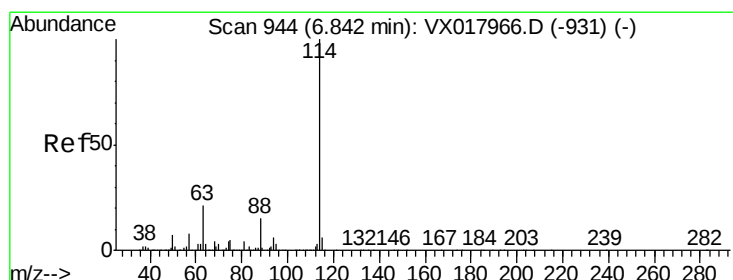
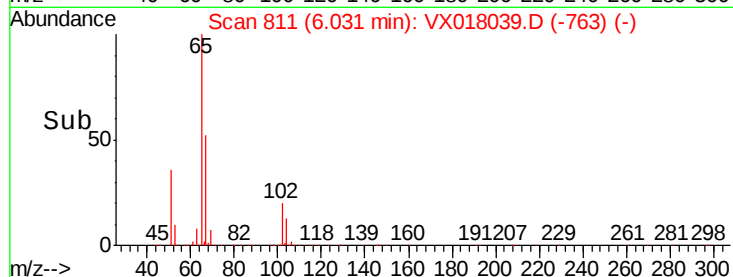
100000

50000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

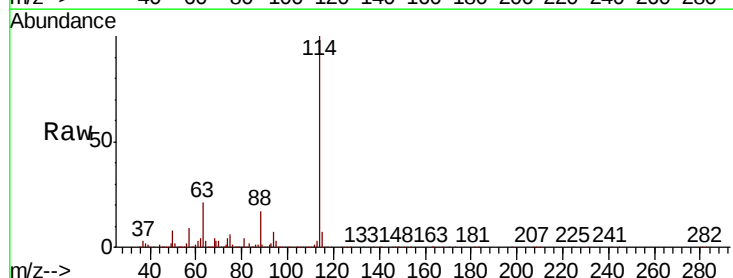
Tgt Ion: 114 Resp: 992773

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 17.1 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

500000

400000

300000

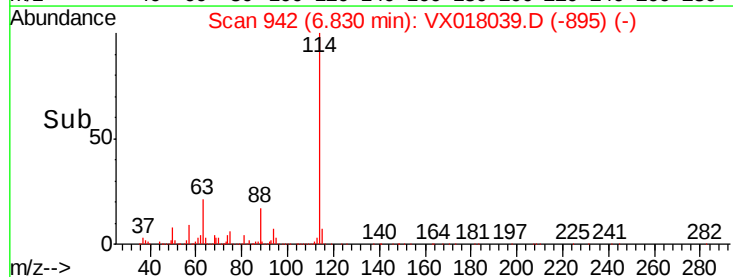
200000

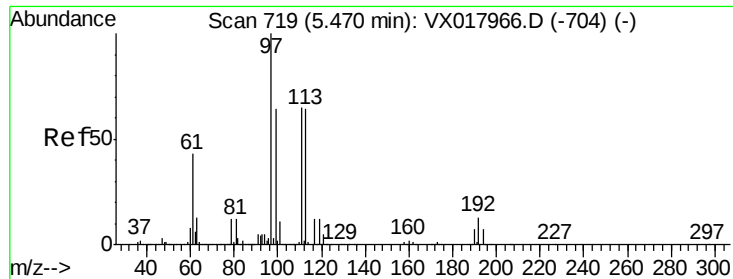
100000

0

6.70 6.80 6.90 7.00

Time-->

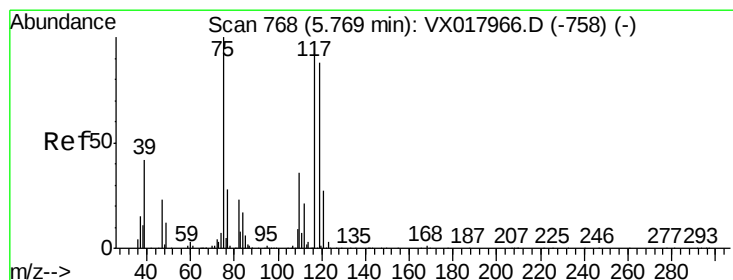
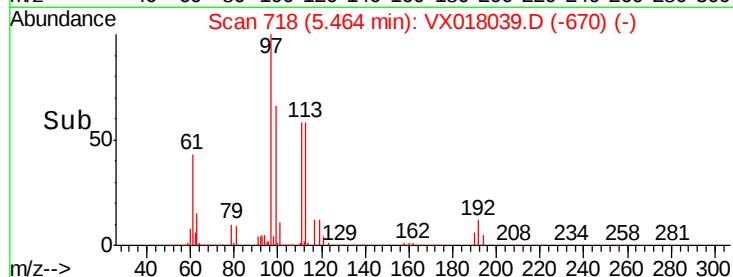
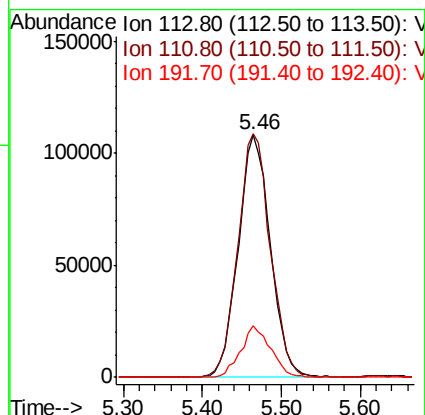
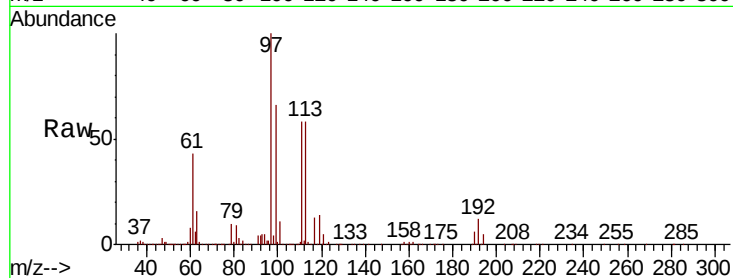




#35
 Dibromofluoromethane
 Concen: 41.480 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

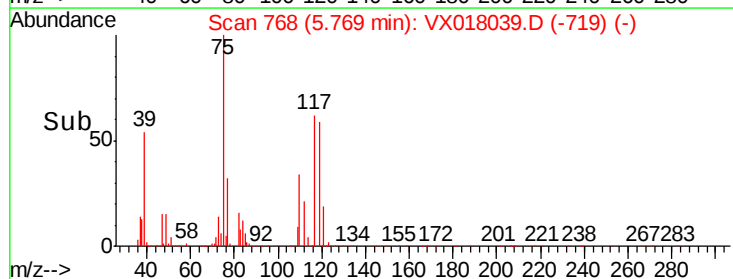
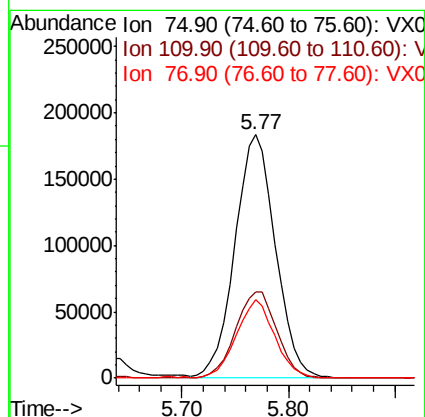
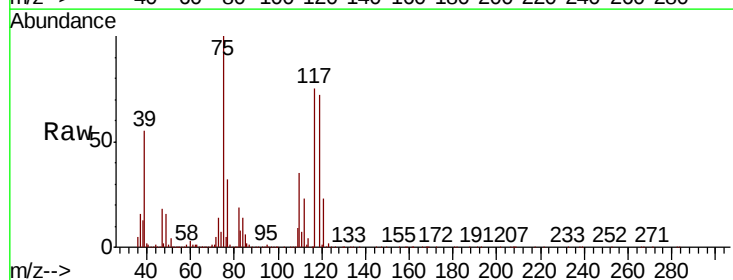
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

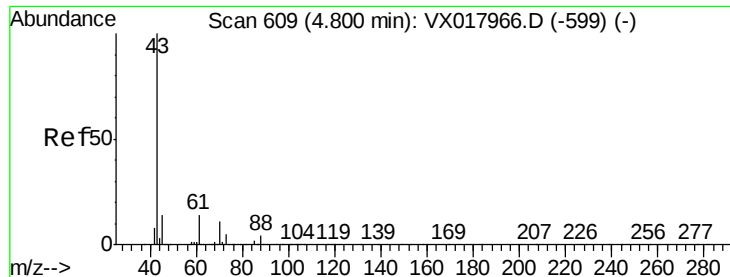
Tot Ion:113 Resp: 306661
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.5 125.3
 192 19.8 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 58.734 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion: 75 Resp: 488052
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.7 56.1
 77 30.8 24.4 36.6

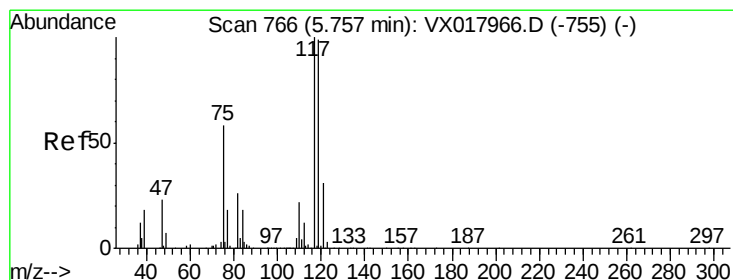
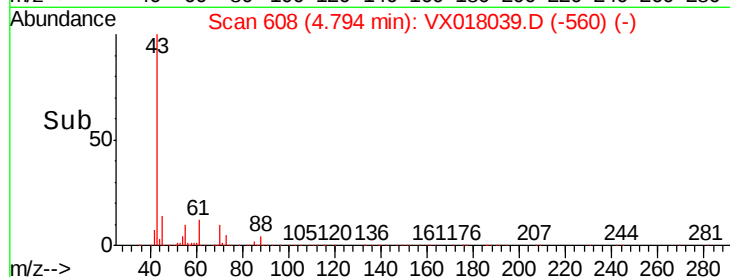
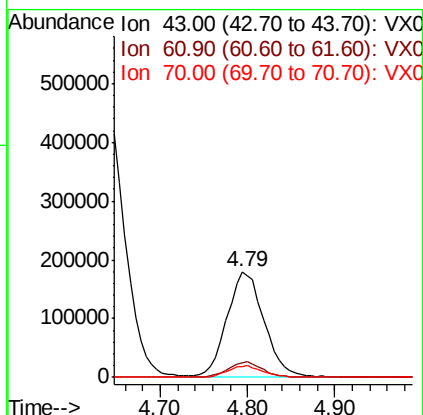
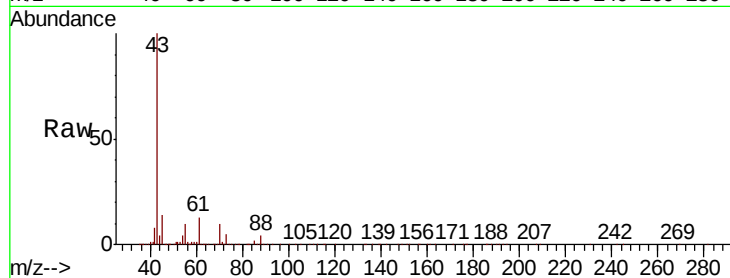




#37
Ethyl Acetate
Concen: 52.814 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

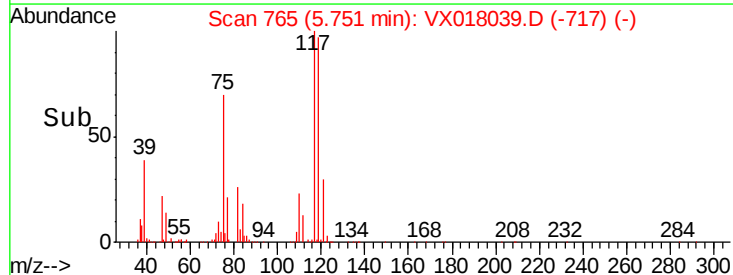
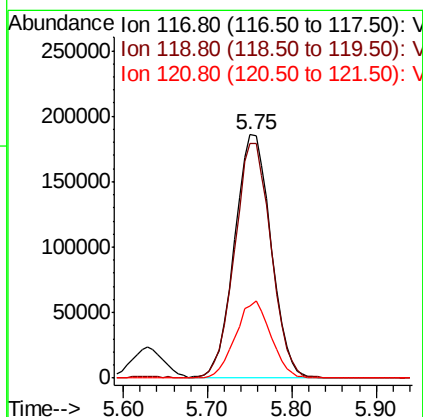
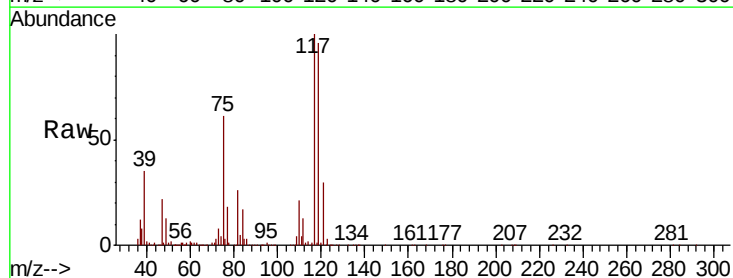
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

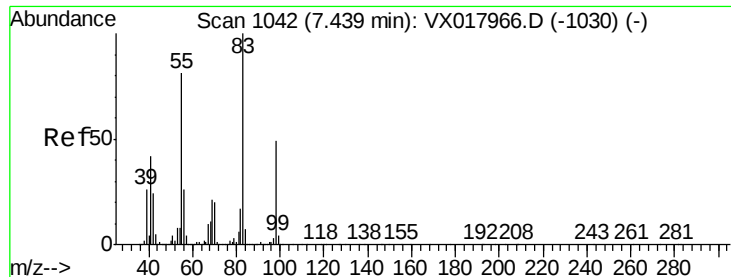
Tot Ion: 43 Resp: 525090
Ion Ratio Lower Upper
43 100
61 13.4 11.3 16.9
70 10.8 8.5 12.7



#38
Carbon Tetrachloride
Concen: 50.502 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion: 117 Resp: 543120
Ion Ratio Lower Upper
117 100
119 96.5 79.0 118.6
121 29.9 24.7 37.1

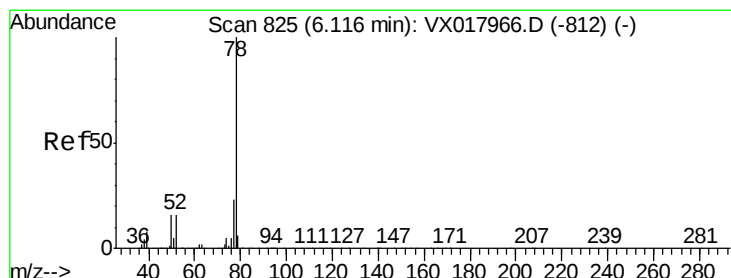
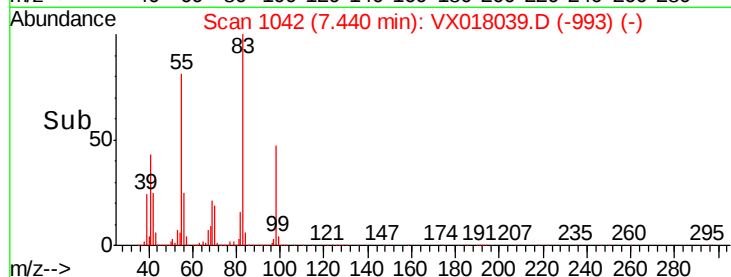
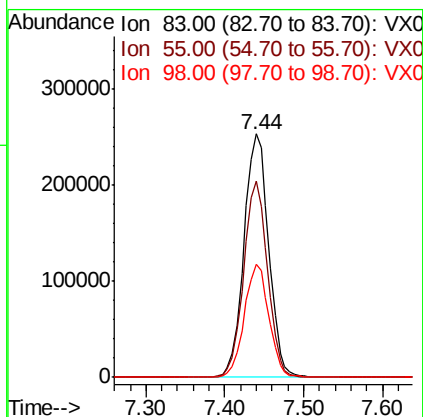
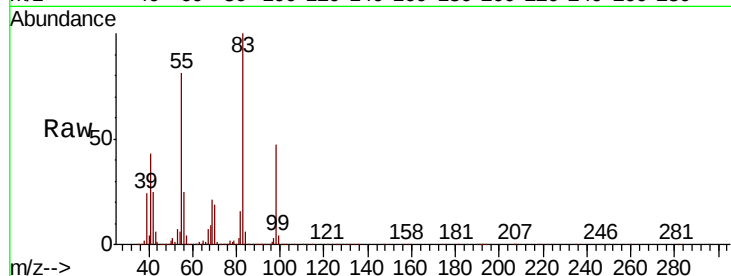




#39
Methvlcvclohexane
Concen: 51.856 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

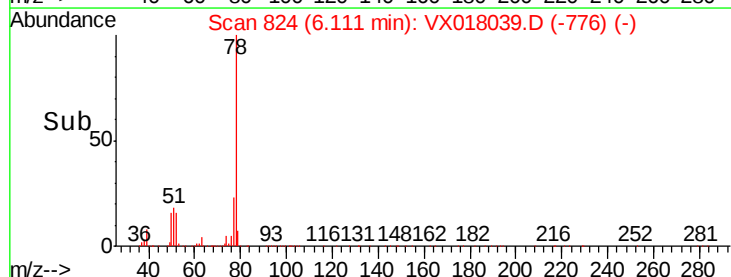
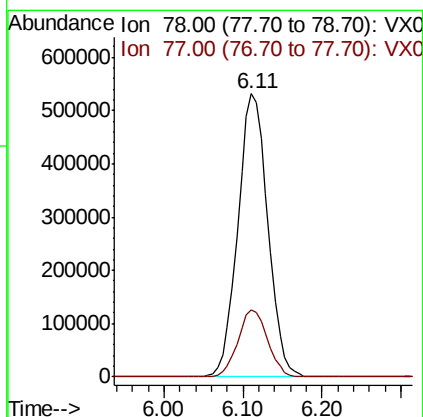
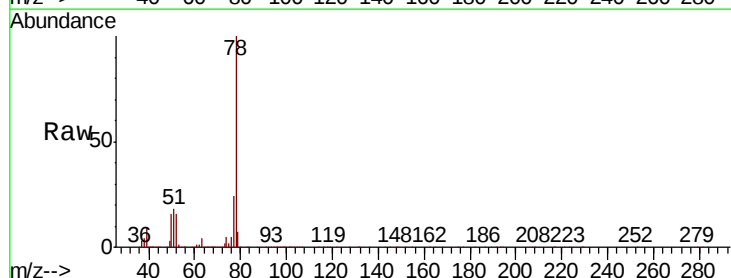
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

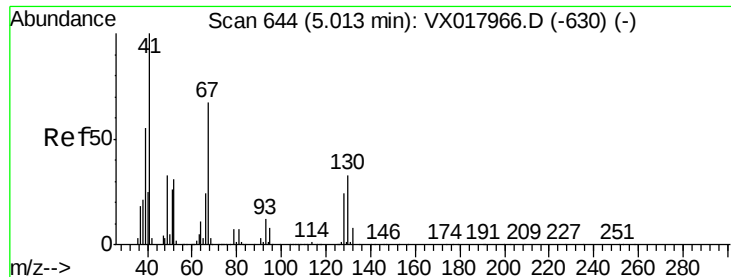
Tot Ion: 83 Resp: 552213
Ion Ratio Lower Upper
83 100
55 80.7 64.5 96.7
98 46.6 39.0 58.6



#40
Benzene
Concen: 56.003 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion: 78 Resp: 1401619
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

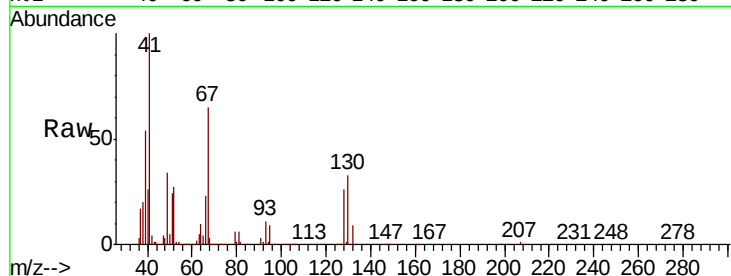




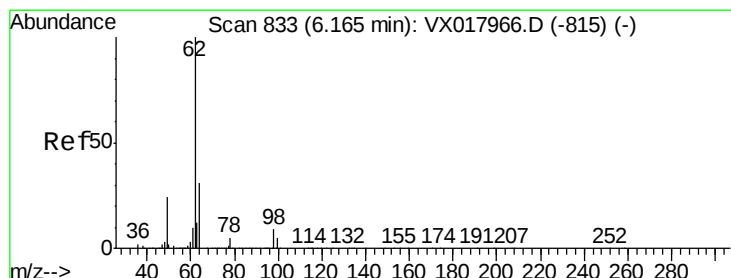
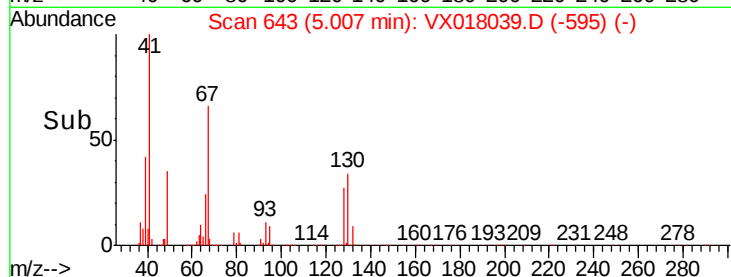
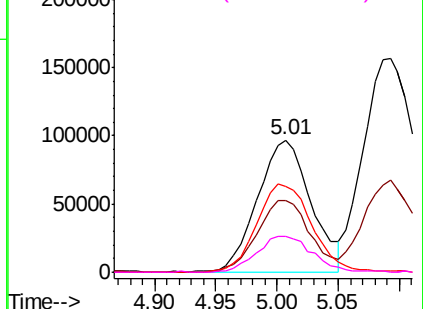
#41
Methacrylonitrile
Concen: 51.670 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	294442
Ion	Ratio	Lower	Upper
41	100		
39	53.9	44.8	67.2
67	68.9	57.5	86.3
52	27.8	25.6	38.4

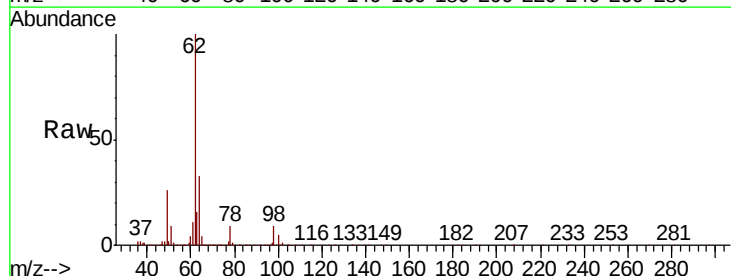


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

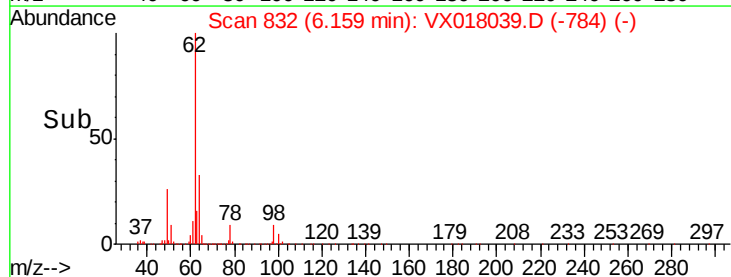
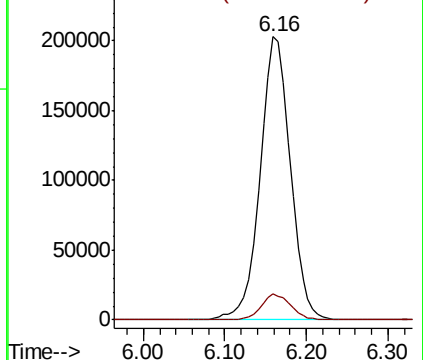


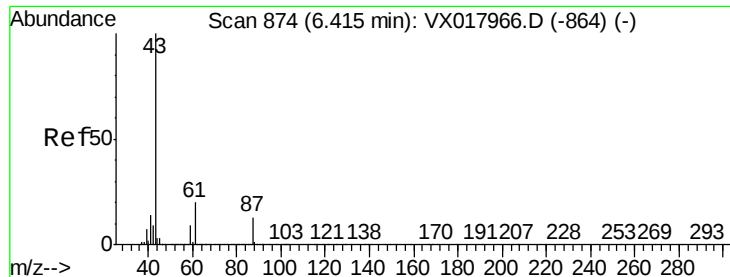
#42
1,2-Dichloroethane
Concen: 49.397 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion:	62	Resp:	525139
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 54.226 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

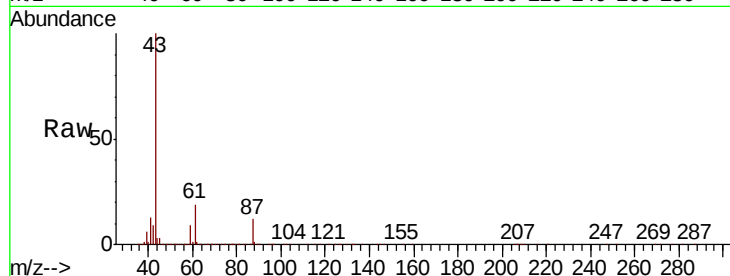
Tot Ion: 43 Resp: 870308

Ion Ratio Lower Upper

43 100

61 19.5 16.2 24.4

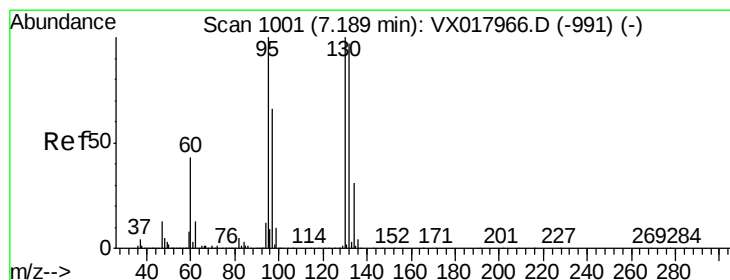
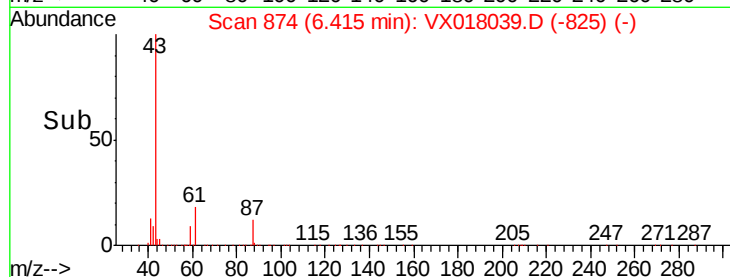
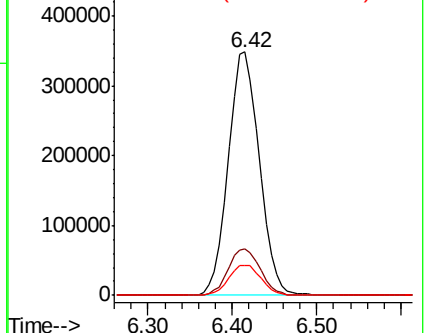
87 13.1 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.482 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018039.D

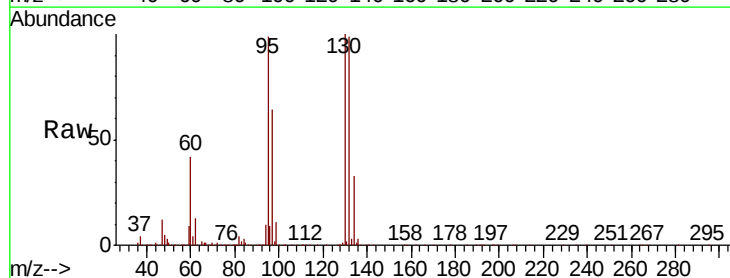
Acq: 20 Aug 2020 17:19

Tgt Ion:130 Resp: 396943

Ion Ratio Lower Upper

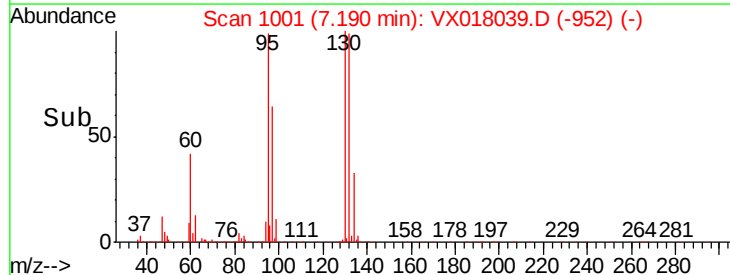
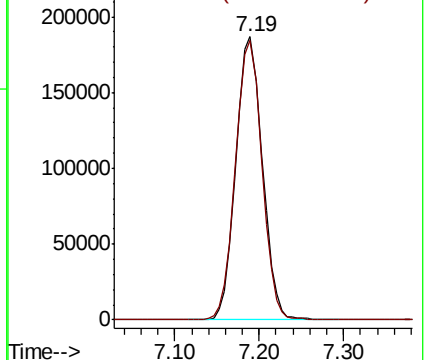
130 100

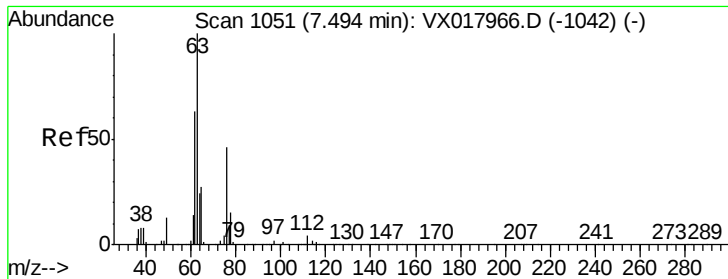
95 98.9 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.594 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

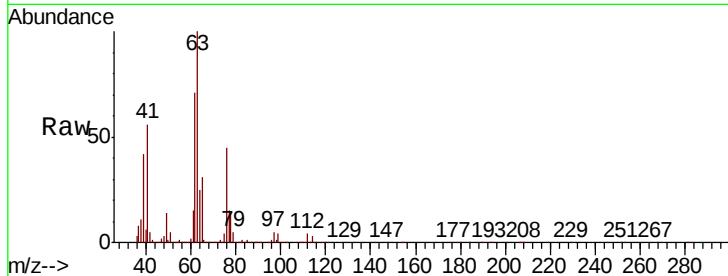
VSTDCCC050EC

Tot Ion: 63 Resp: 377145

Ion Ratio Lower Upper

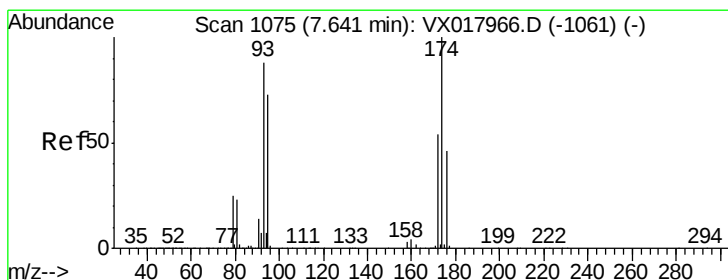
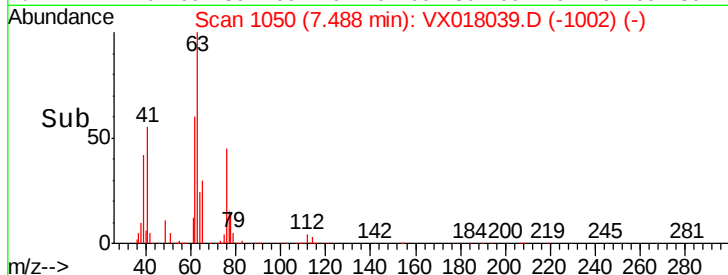
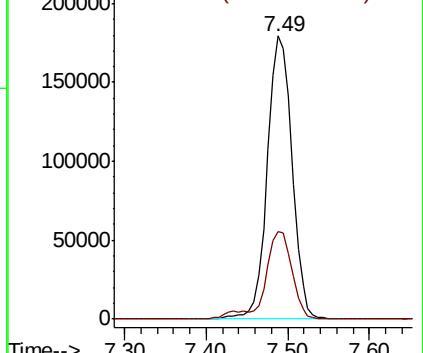
63 100

65 31.1 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.679 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

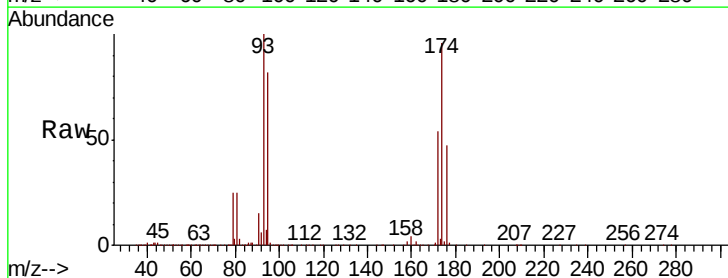
Tgt Ion: 93 Resp: 258635

Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

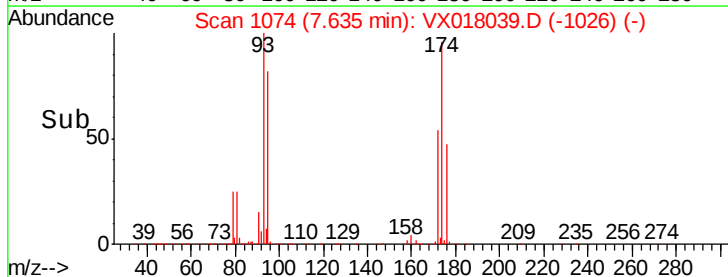
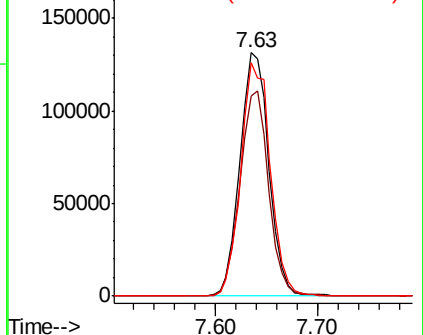
174 98.4 88.3 132.5

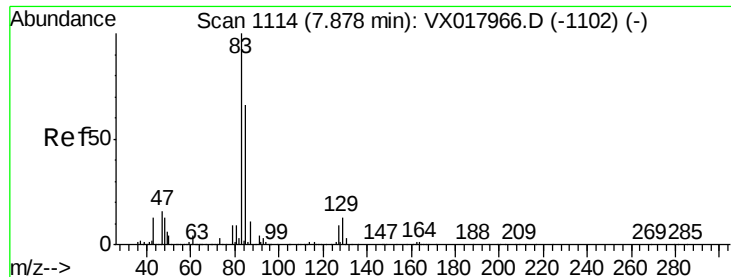


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.152 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

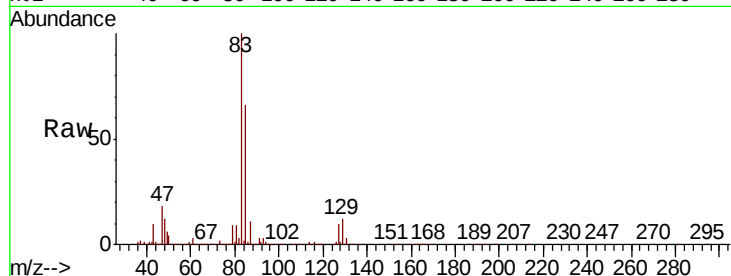
Tot Ion: 83 Resp: 534027

Ion Ratio Lower Upper

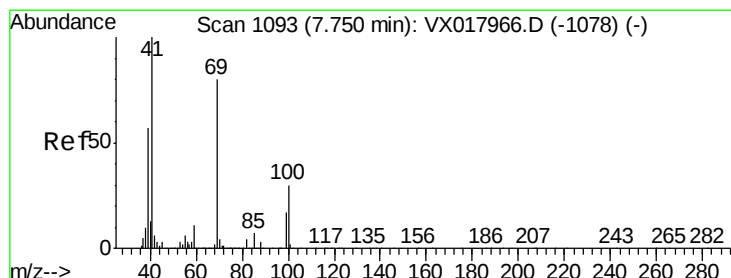
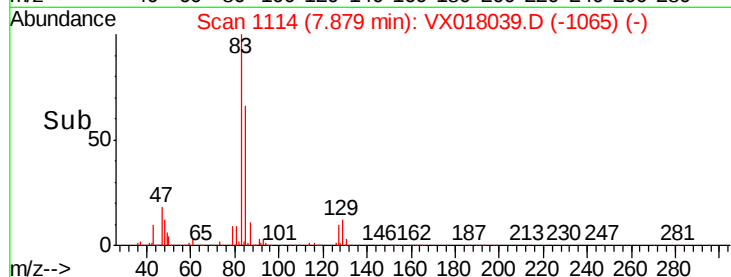
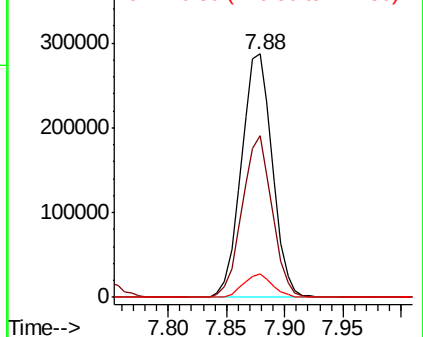
83 100

85 66.2 52.4 78.6

127 9.5 7.0 10.6



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: 55.836 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

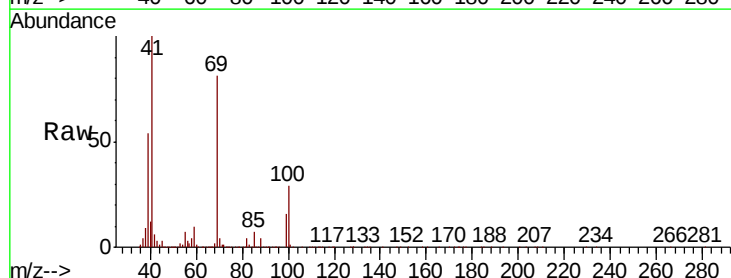
Tgt Ion: 41 Resp: 444264

Ion Ratio Lower Upper

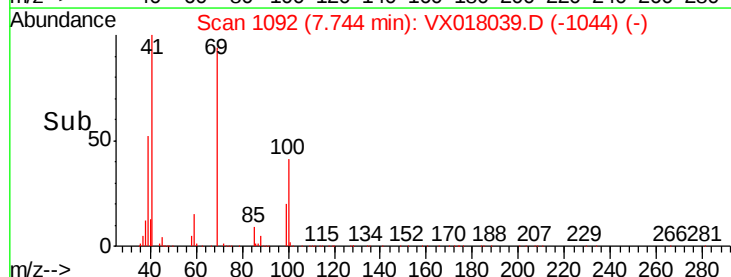
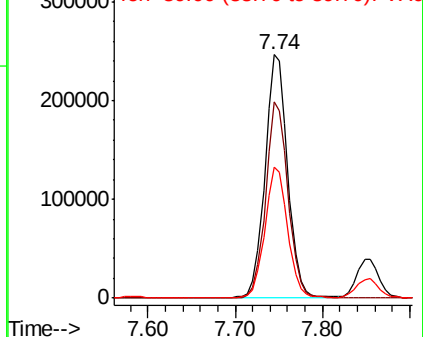
41 100

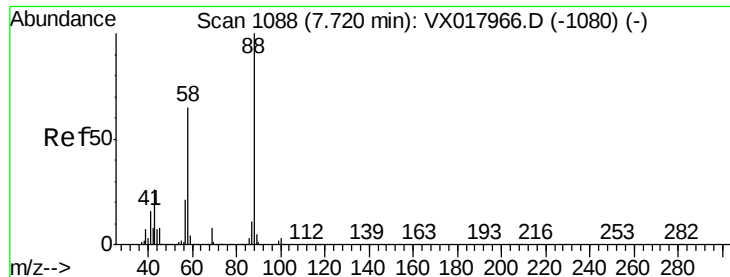
69 79.9 64.3 96.5

39 53.9 45.3 67.9



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: 866.683 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

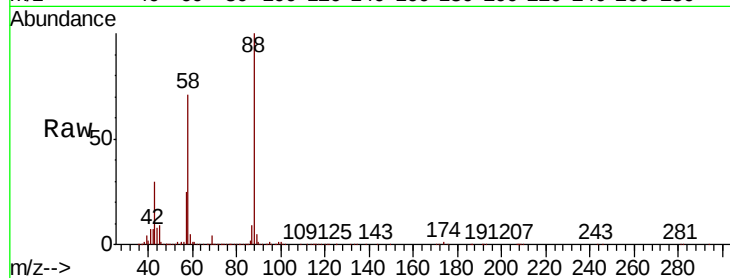
Tot Ion: 88 Resp: 141174

Ion Ratio Lower Upper

88 100

43 34.3 27.3 40.9

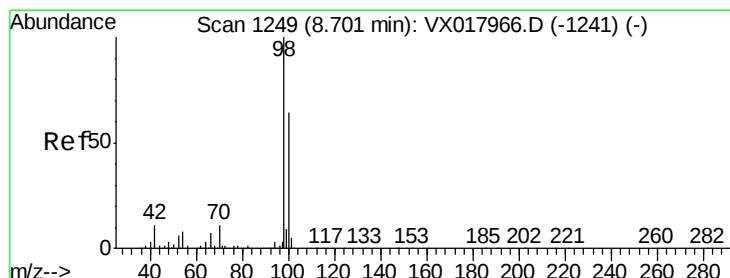
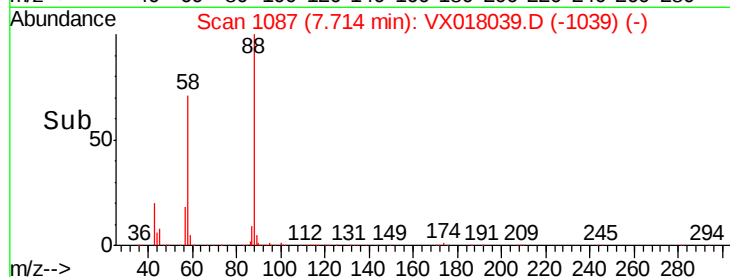
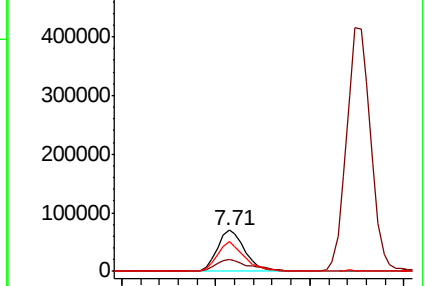
58 71.9 57.7 86.5



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: 43.679 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX018039.D

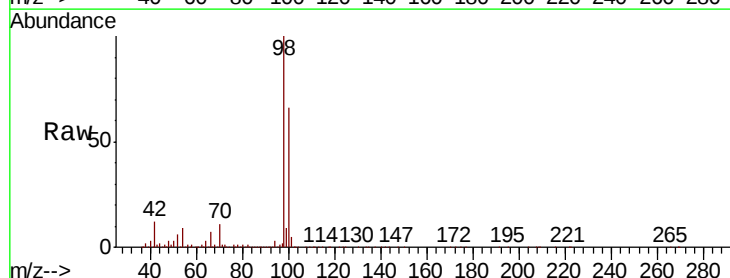
Acq: 20 Aug 2020 17:19

Tgt Ion: 98 Resp: 1141460

Ion Ratio Lower Upper

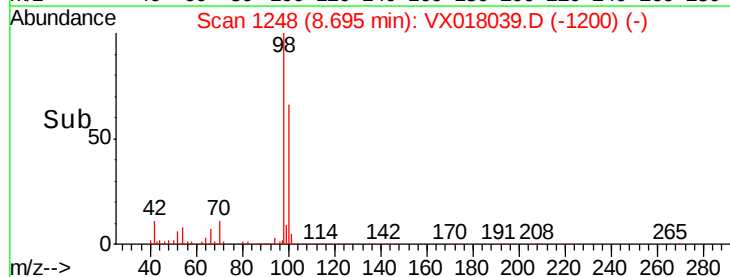
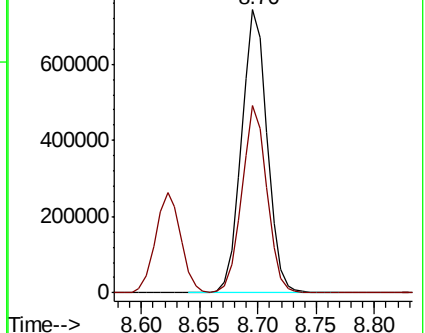
98 100

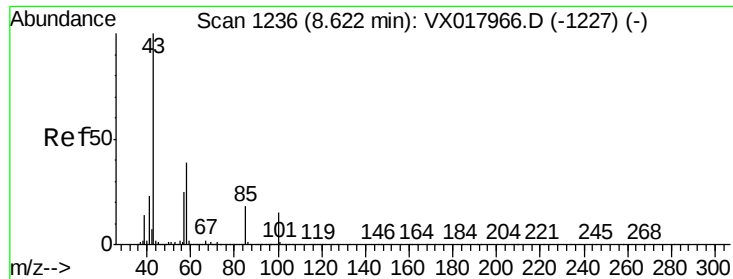
100 65.1 51.4 77.2



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: 250.833 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

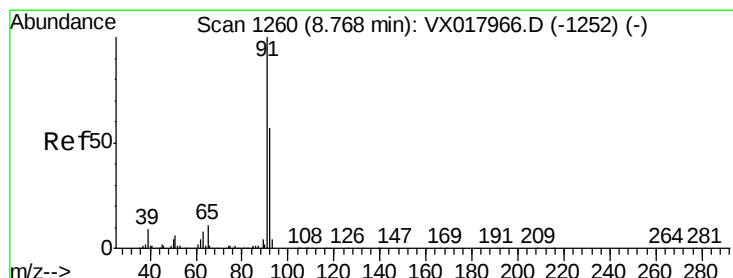
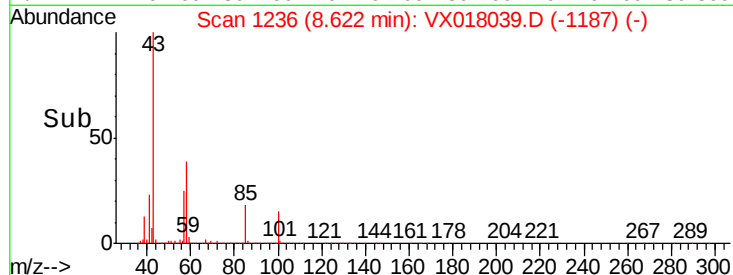
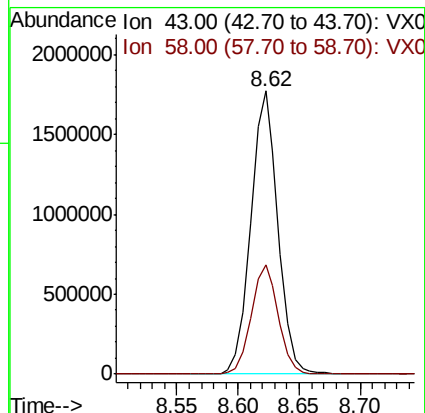
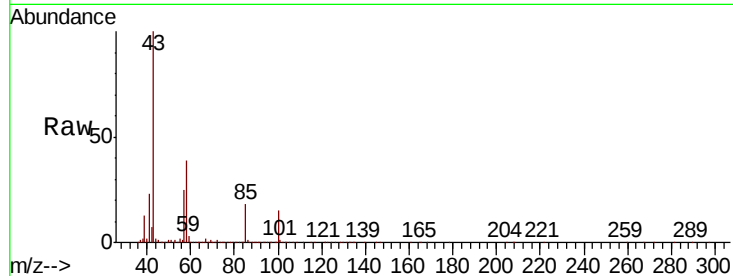
VSTDCCC050EC

Tot Ion: 43 Resp: 2710526

Ion Ratio Lower Upper

43 100

58 38.8 31.0 46.4



#52

Toluene

Concen: 55.147 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018039.D

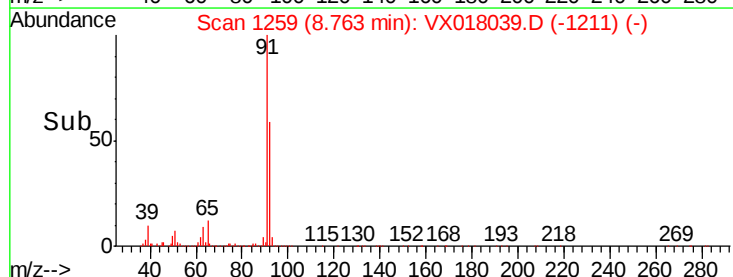
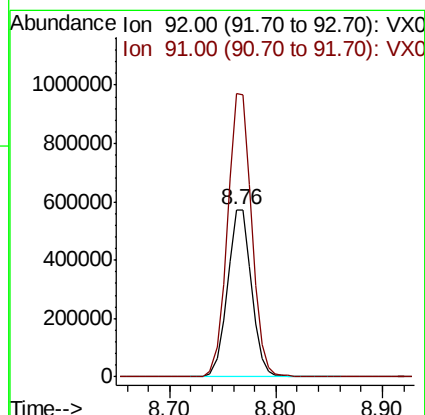
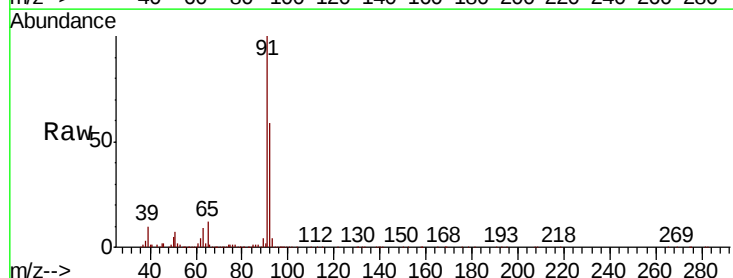
Acq: 20 Aug 2020 17:19

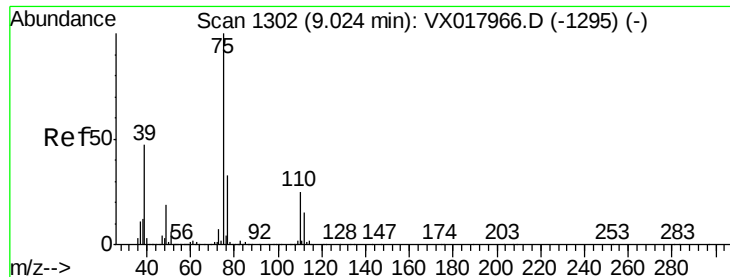
Tgt Ion: 92 Resp: 902999

Ion Ratio Lower Upper

92 100

91 170.6 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 53.492 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

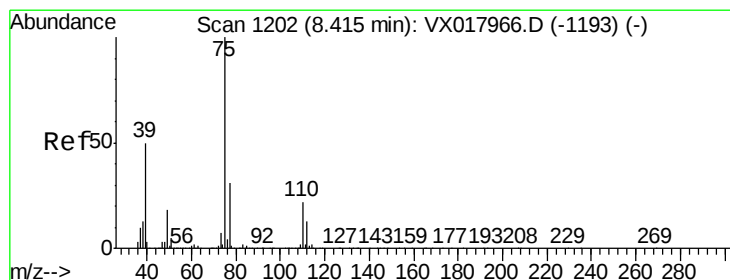
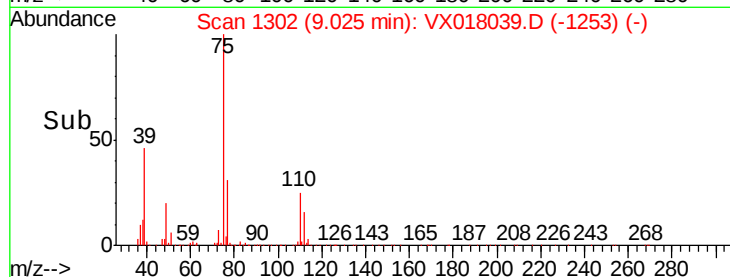
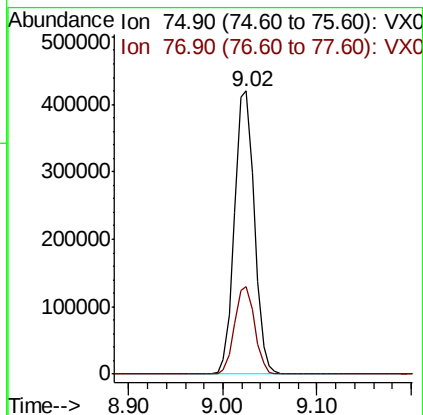
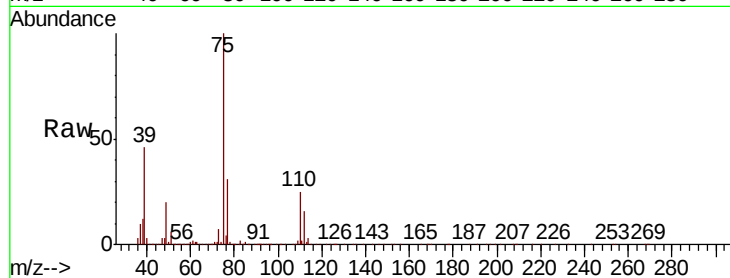
VSTDCCC050EC

Tot Ion: 75 Resp: 614681

Ion Ratio Lower Upper

75 100

77 31.0 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 53.332 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

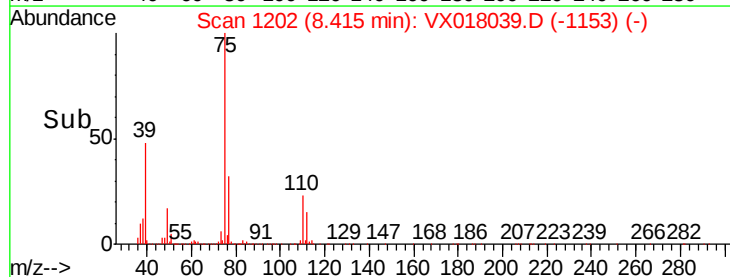
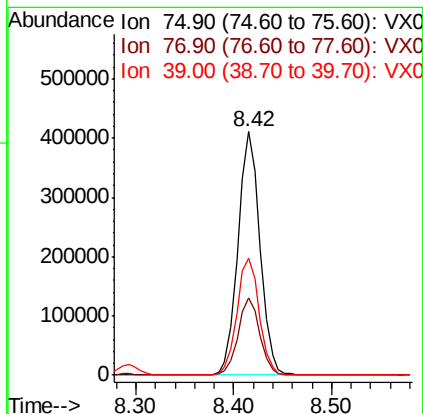
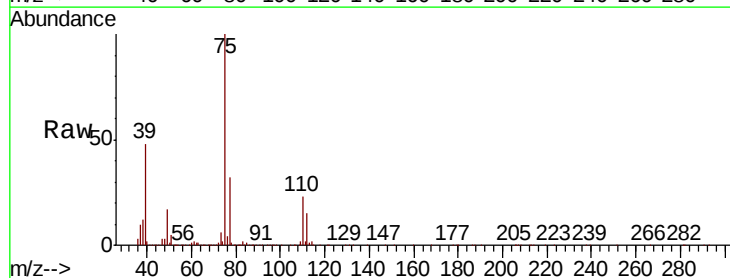
Tgt Ion: 75 Resp: 638988

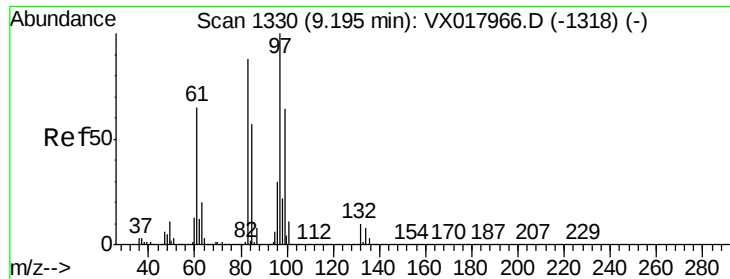
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 47.9 39.7 59.5

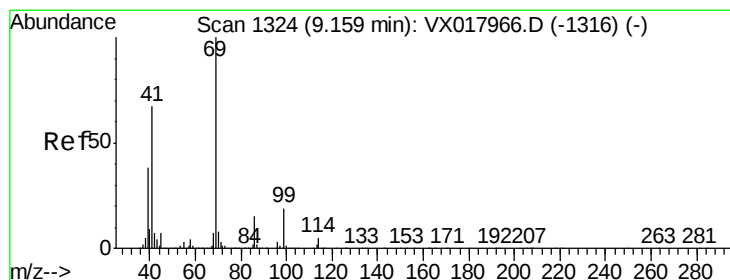
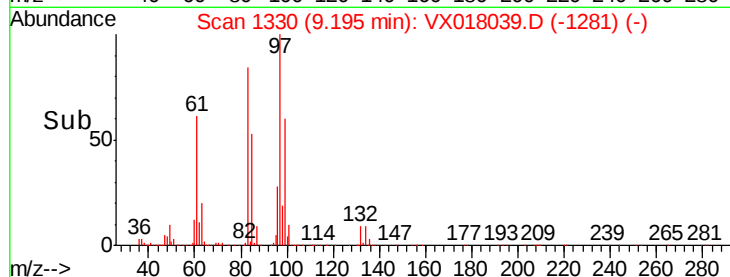
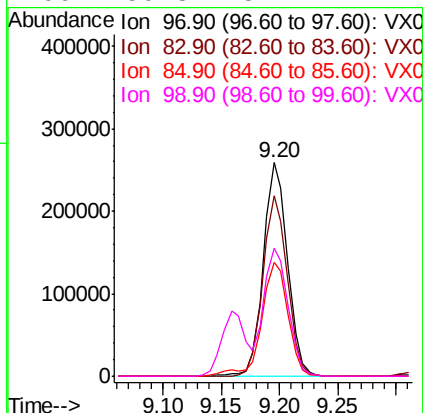
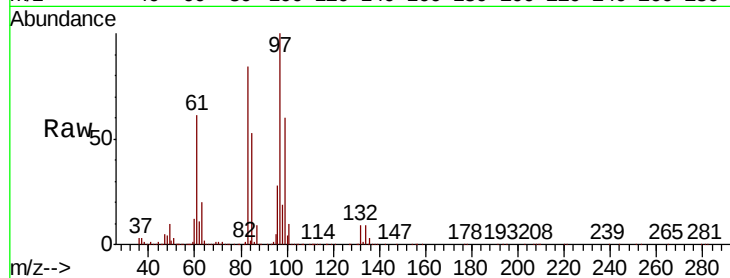




#55
 1,1,2-Trichloroethane
 Concen: 49.478 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

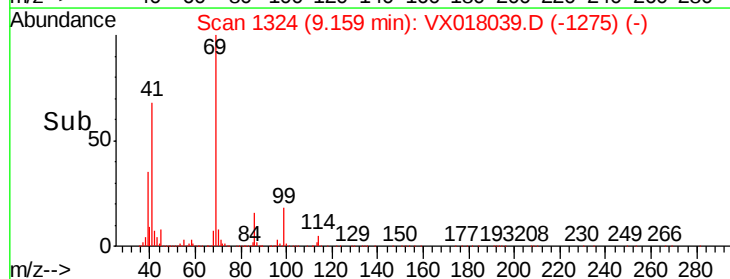
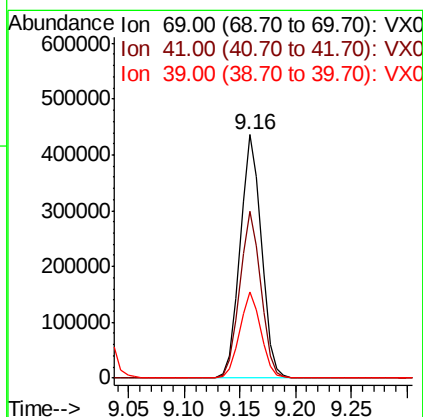
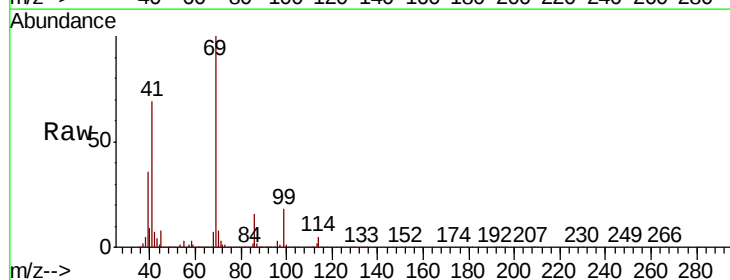
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

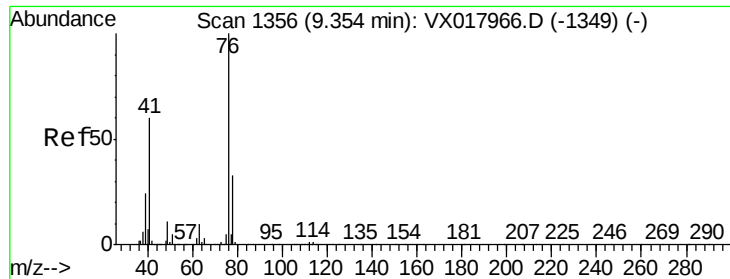
Tot Ion:	97	Resp:	372193
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.1	105.1
85	53.4	45.8	68.8
99	59.8	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 54.397 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion:	69	Resp:	578551
Ion	Ratio	Lower	Upper
69	100		
41	68.1	52.3	78.5
39	35.5	29.2	43.8





#57

1,3-Dichloropropane

Concen: 51.620 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

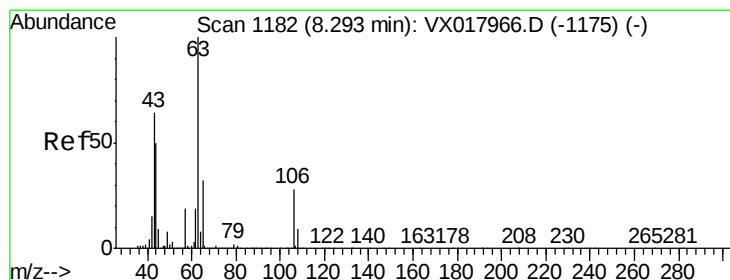
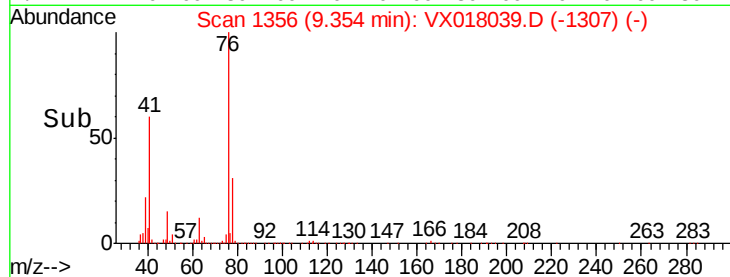
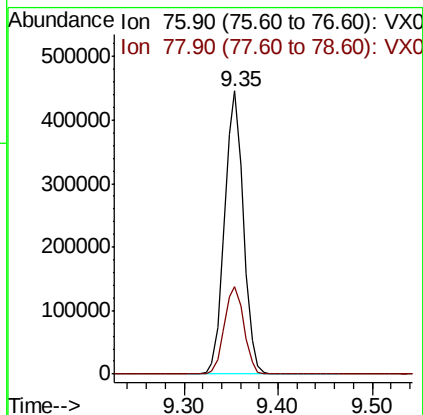
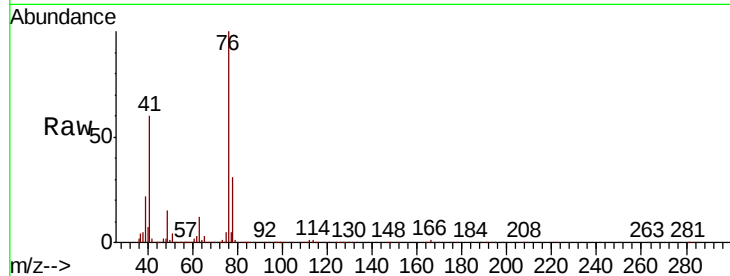
VSTDCCC050EC

Tot Ion: 76 Resp: 616703

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 265.342 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018039.D

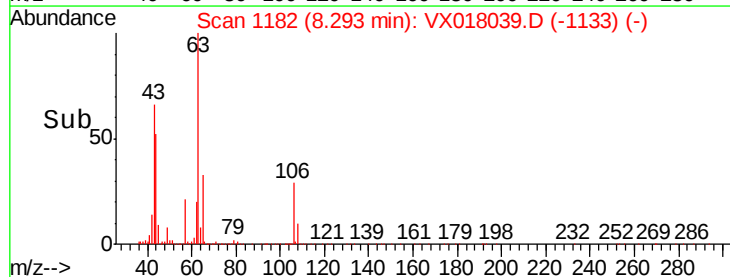
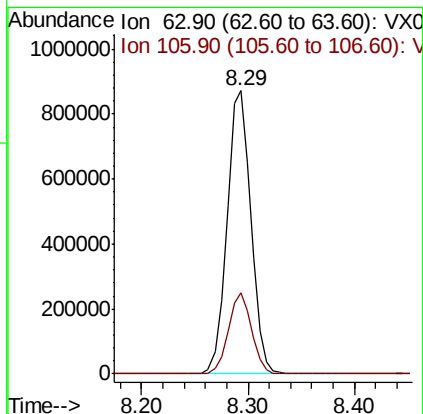
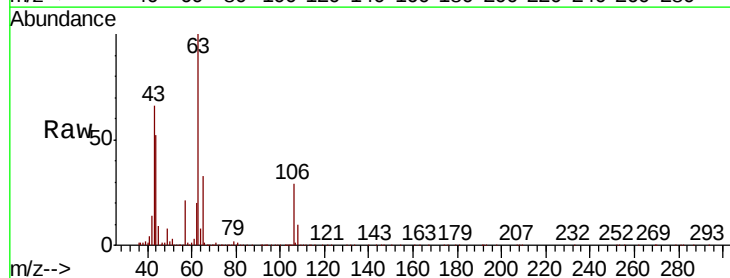
Acq: 20 Aug 2020 17:19

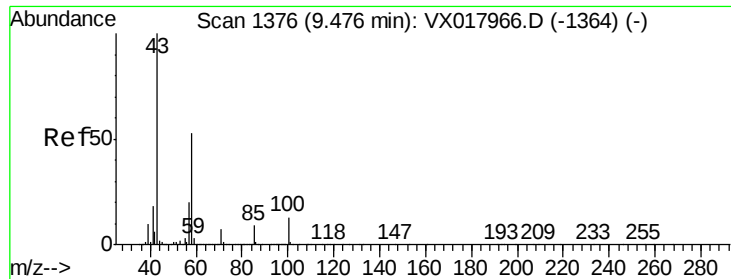
Tgt Ion: 63 Resp: 1366619

Ion Ratio Lower Upper

63 100

106 27.9 23.0 34.4

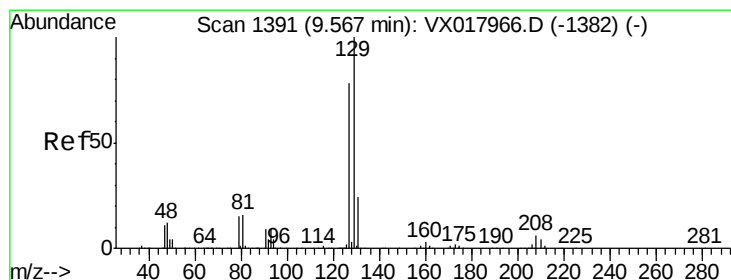
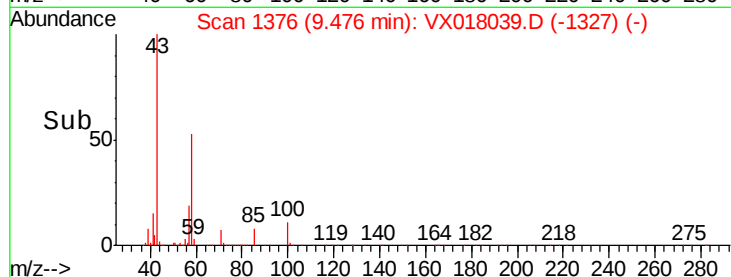
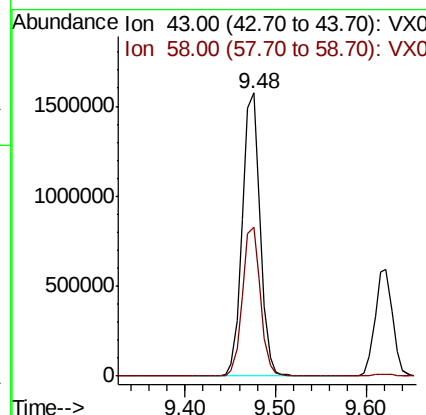
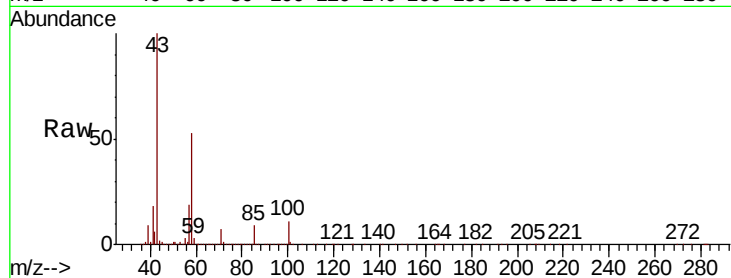




#59
2-Hexanone
Concen: 261.249 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

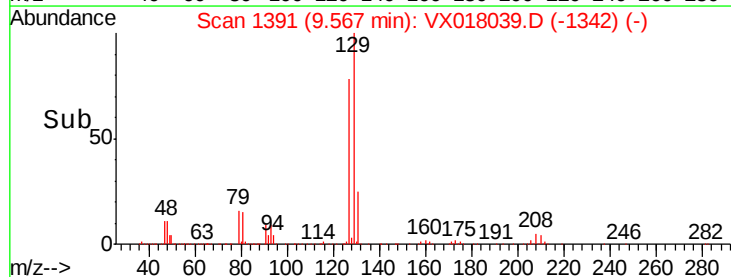
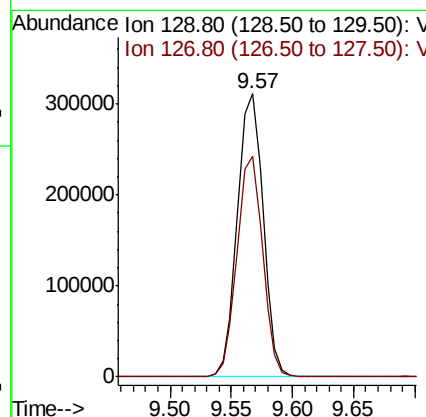
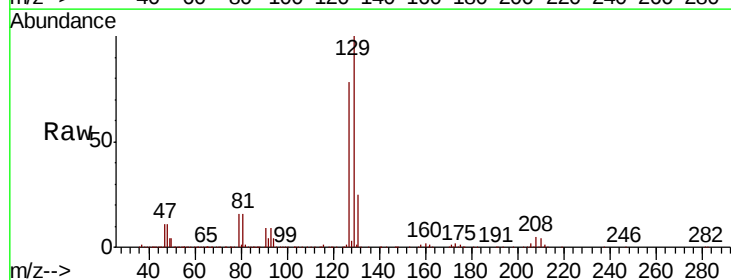
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

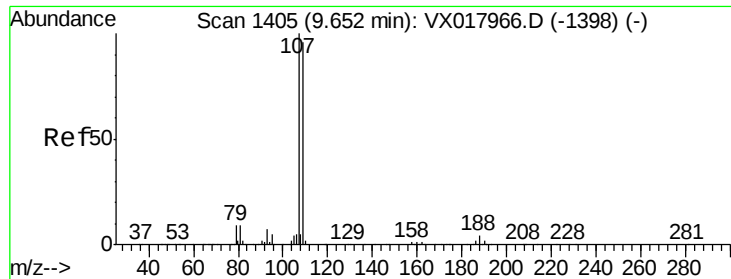
Tot Ion: 43 Resp: 2139157
Ion Ratio Lower Upper
43 100
58 52.9 26.4 79.0



#60
Dibromochloromethane
Concen: 48.196 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion: 129 Resp: 452797
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.3





#61

1,2-Dibromoethane

Concen: 49.429 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

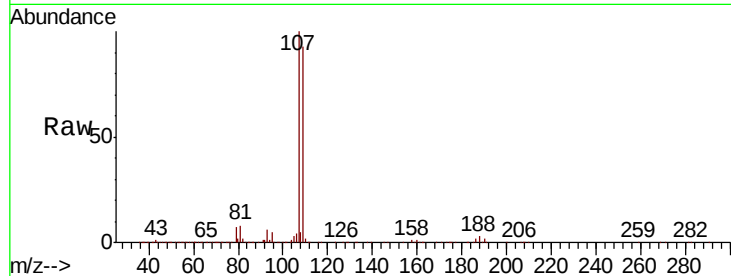
VSTDCCC050EC

Tot Ion:107 Resp: 411860

Ion Ratio Lower Upper

107 100

109 94.4 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

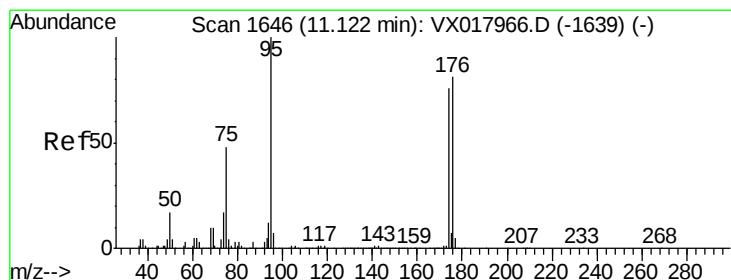
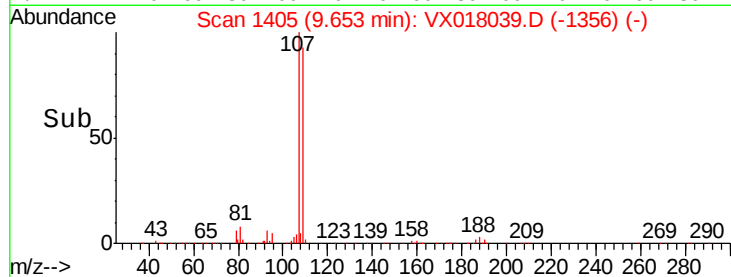
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.952 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

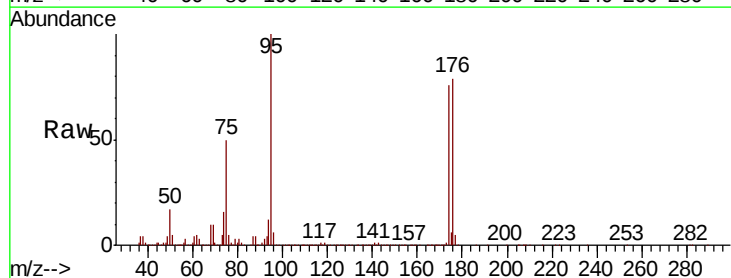
Tgt Ion: 95 Resp: 462827

Ion Ratio Lower Upper

95 100

174 78.8 0.0 166.0

176 79.4 0.0 161.0



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

11.12

500000

400000

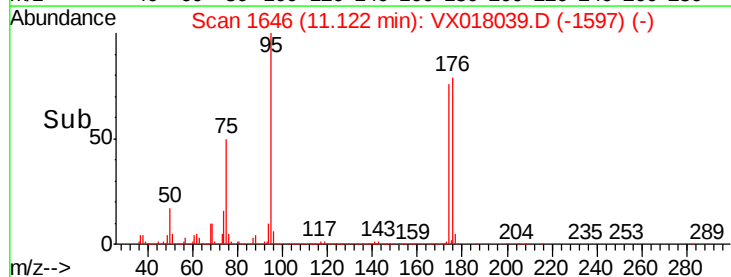
300000

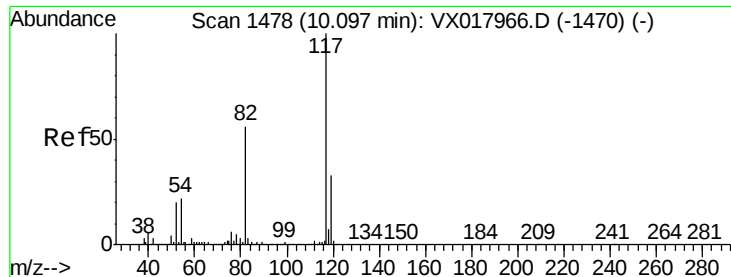
200000

100000

0

Time-->

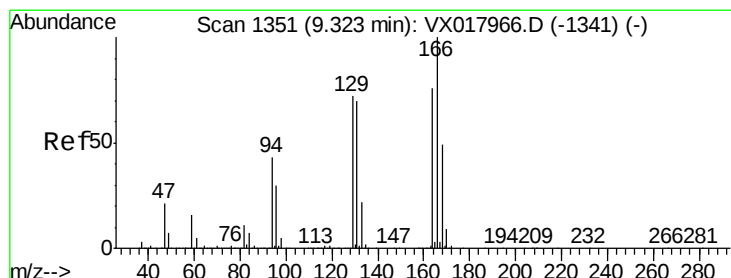
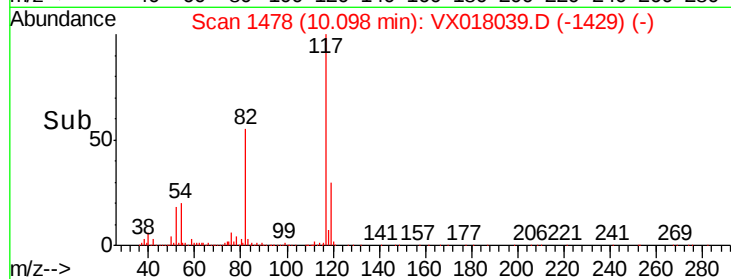
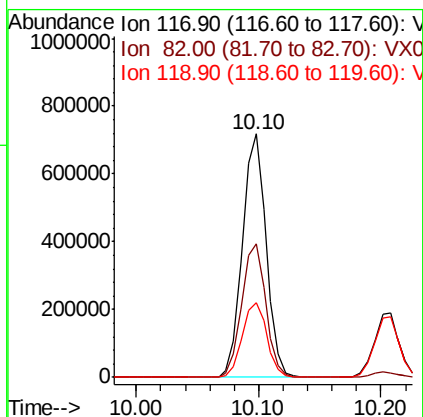
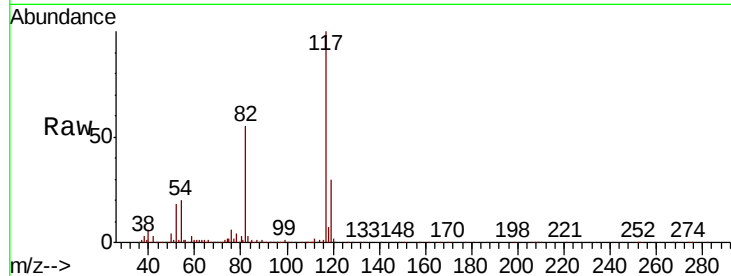




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

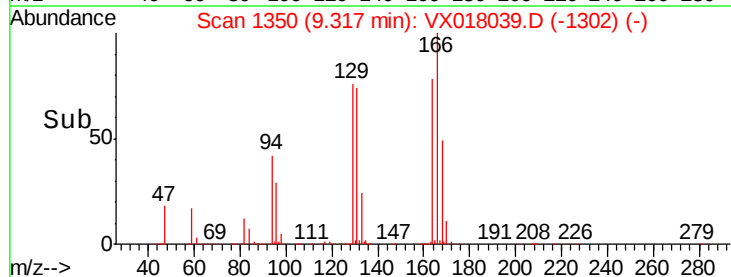
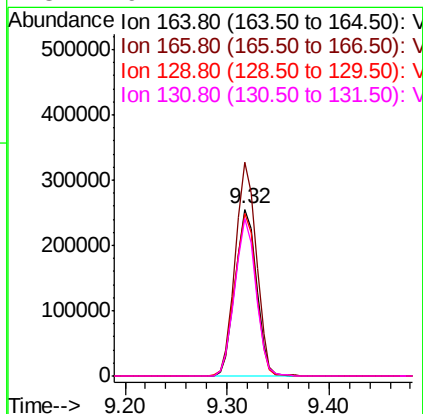
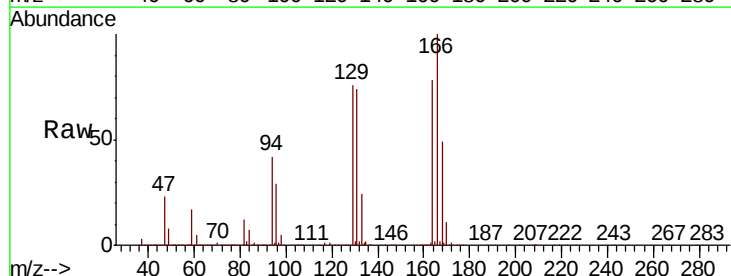
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

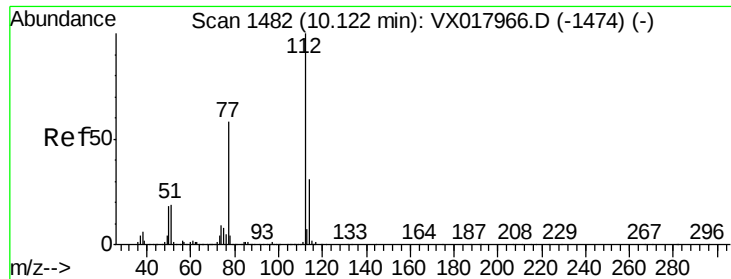
Tot Ion:117 Resp: 961976
Ion Ratio Lower Upper
117 100
82 54.6 44.6 66.8
119 30.5 26.2 39.4



#64
Tetrachloroethene
Concen: 49.785 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion:164 Resp: 365745
Ion Ratio Lower Upper
164 100
166 128.0 105.7 158.5
129 97.7 75.8 113.8
131 94.7 74.2 111.4





#65

Chlorobenzene

Concen: 53.369 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

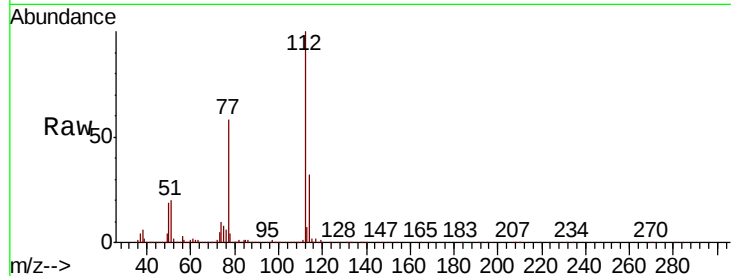
VSTDCCC050EC

Tot Ion:112 Resp: 1019078

Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

800000

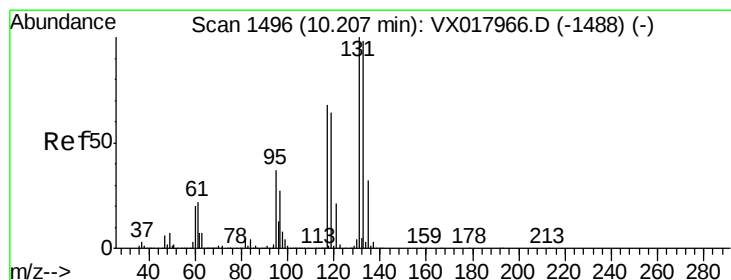
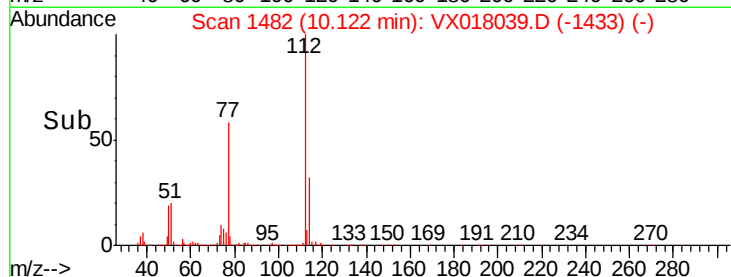
600000

400000

200000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 49.909 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

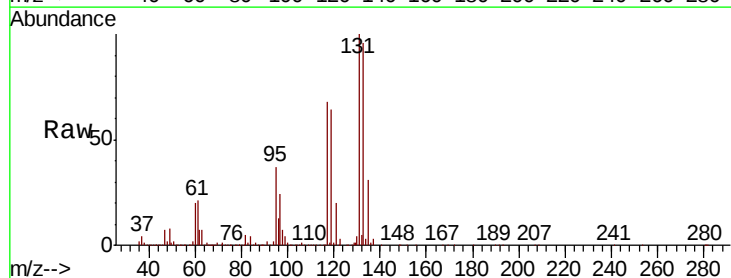
Tgt Ion:131 Resp: 403138

Ion Ratio Lower Upper

131 100

133 93.9 48.4 145.3

119 62.9 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

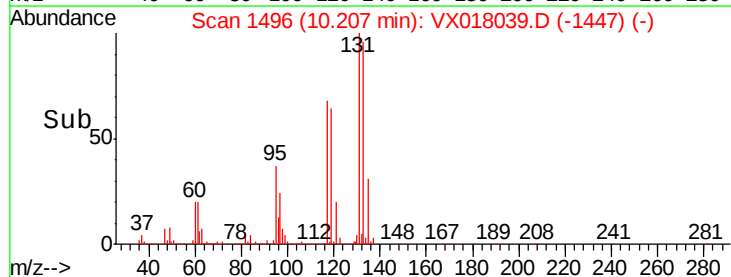
300000

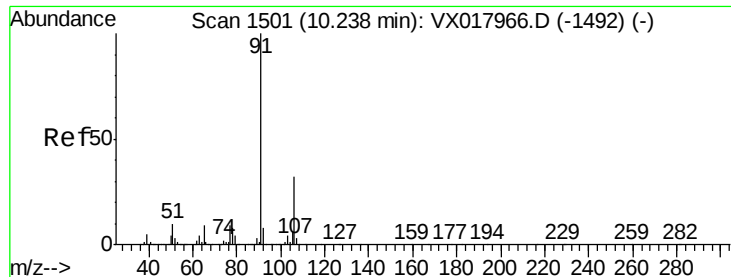
200000

100000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 56.138 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

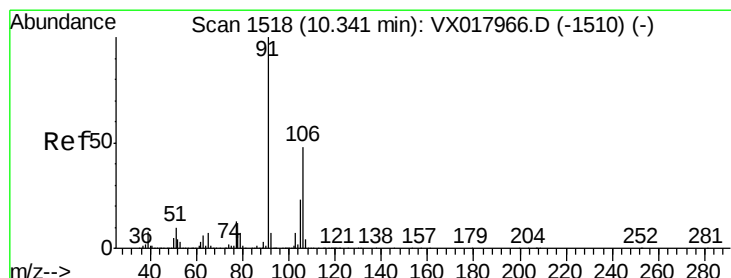
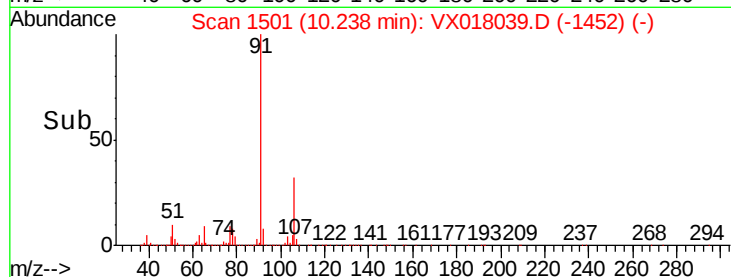
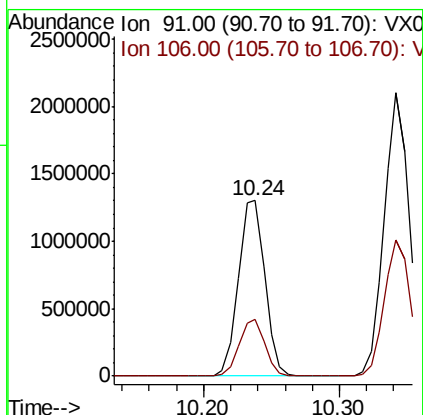
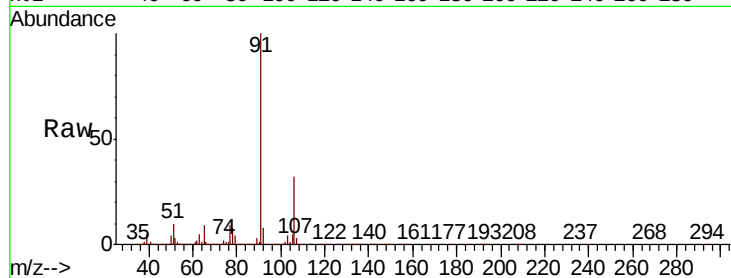
VSTDCCC050EC

Tot Ion: 91 Resp: 1767160

Ion Ratio Lower Upper

91 100

106 32.2 25.4 38.0



#68

m/p-Xylenes

Concen: 111.109 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018039.D

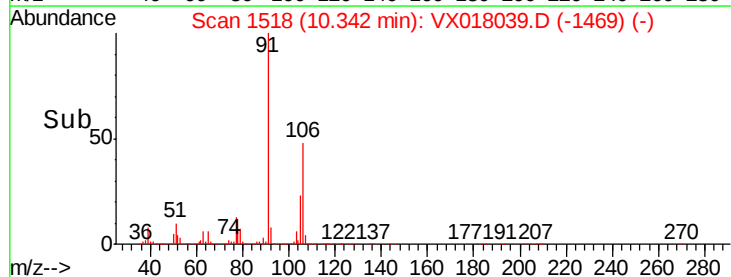
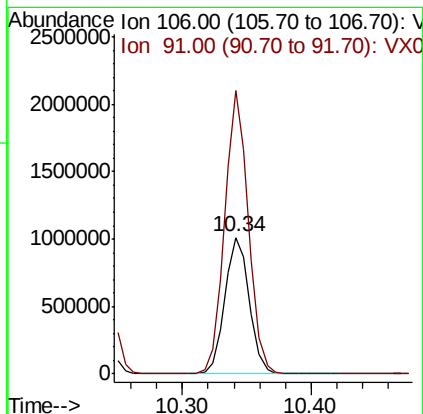
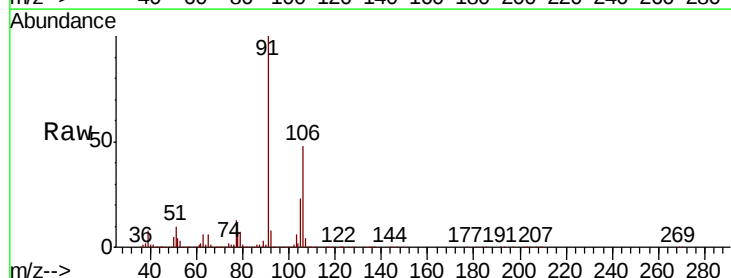
Acq: 20 Aug 2020 17:19

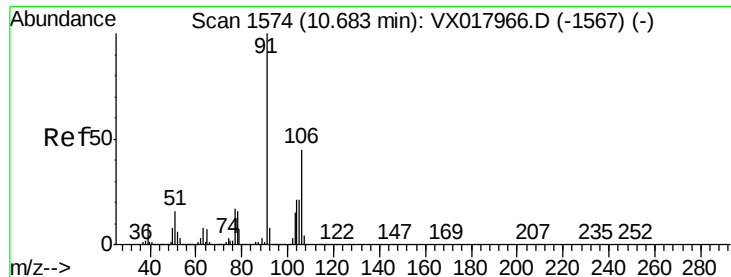
Tgt Ion: 106 Resp: 1346520

Ion Ratio Lower Upper

106 100

91 201.8 167.4 251.2

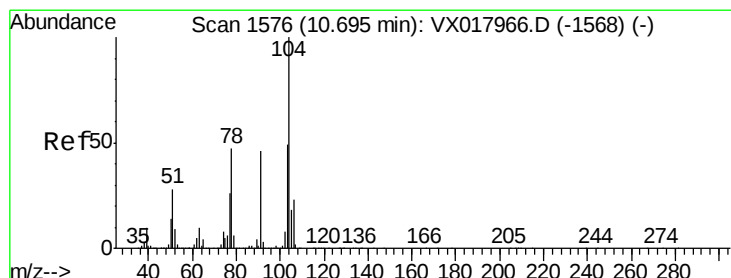
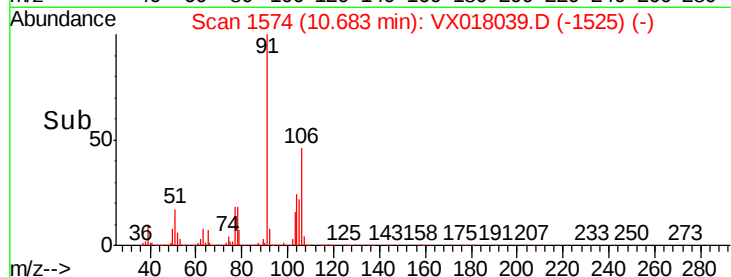
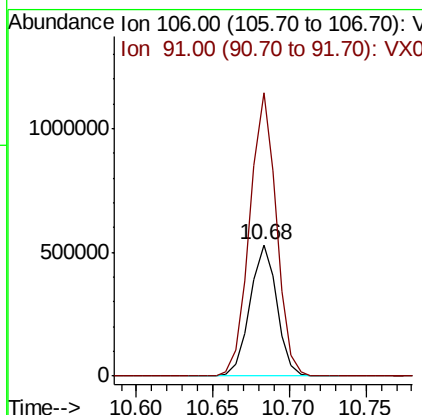
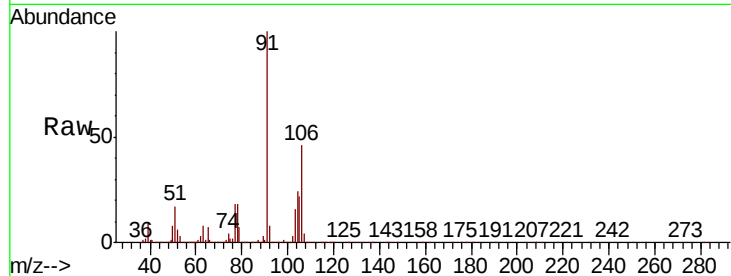




#69
o-Xylene
Concen: 55.270 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

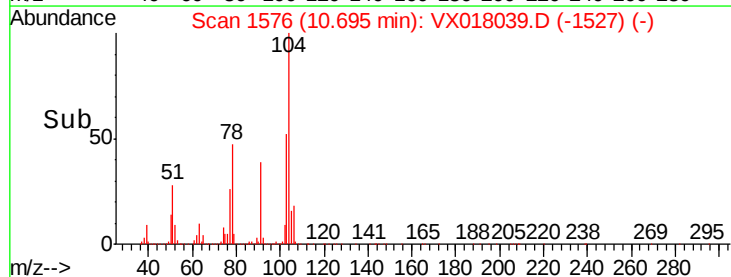
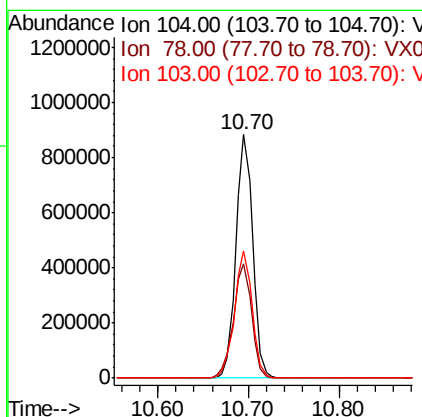
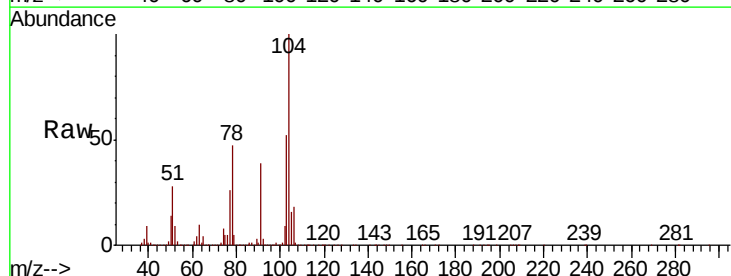
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

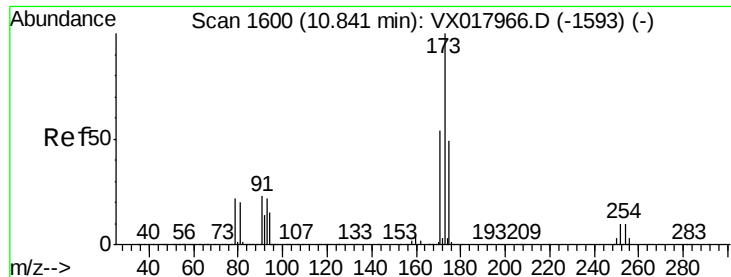
Tot Ion:106 Resp: 645906
Ion Ratio Lower Upper
106 100
91 214.5 108.1 324.2



#70
Styrene
Concen: 56.347 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion:104 Resp: 1136041
Ion Ratio Lower Upper
104 100
78 51.1 41.3 61.9
103 54.9 42.9 64.3





#71

Bromoform

Concen: 49.047 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

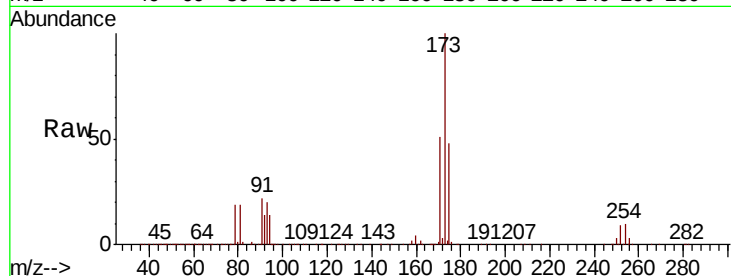
Tot Ion:173 Resp: 355585

Ion Ratio Lower Upper

173 100

175 47.9 24.4 73.2

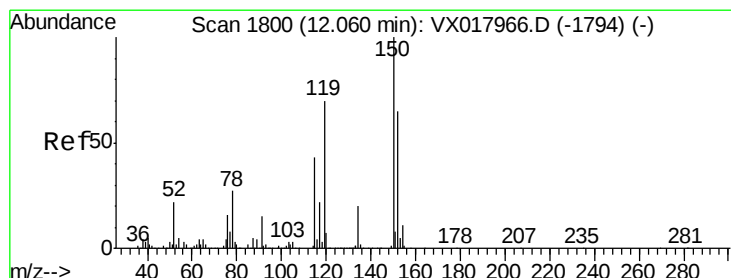
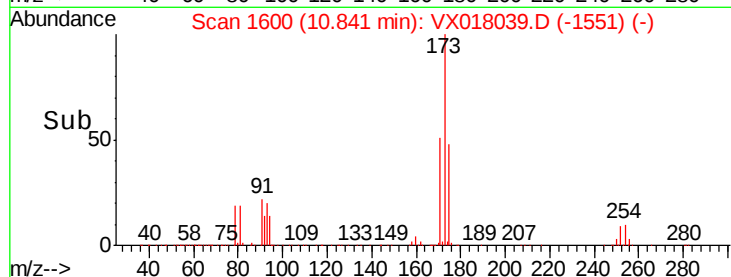
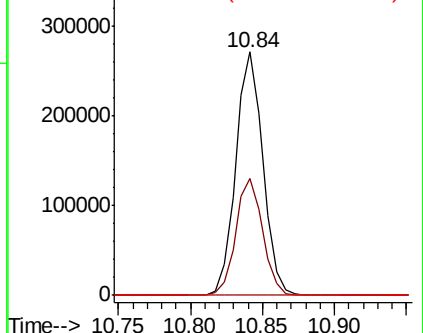
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

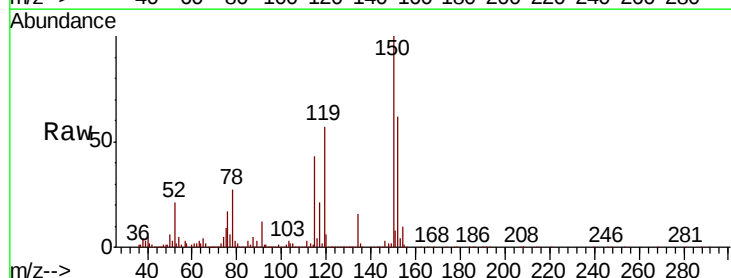
Tgt Ion:152 Resp: 495667

Ion Ratio Lower Upper

152 100

115 84.2 40.6 121.7

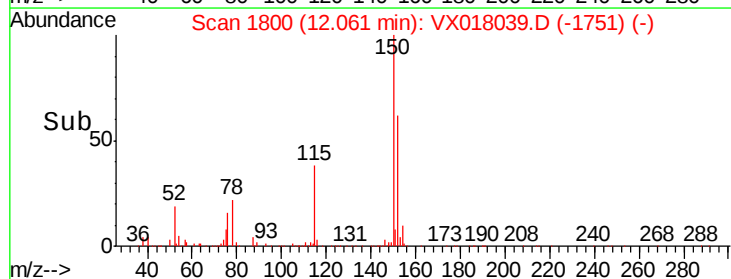
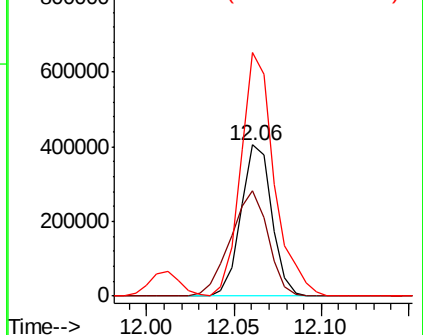
150 174.1 0.0 346.4

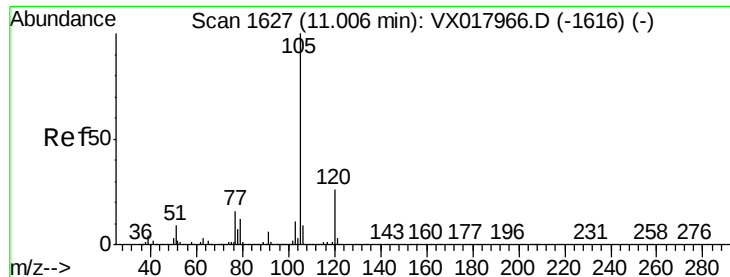


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.975 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

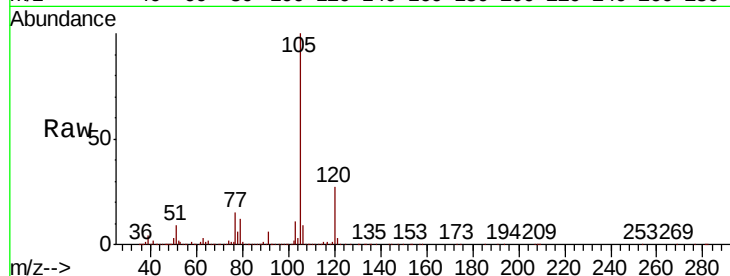
VSTDCCC050EC

Tot Ion:105 Resp: 1753912

Ion Ratio Lower Upper

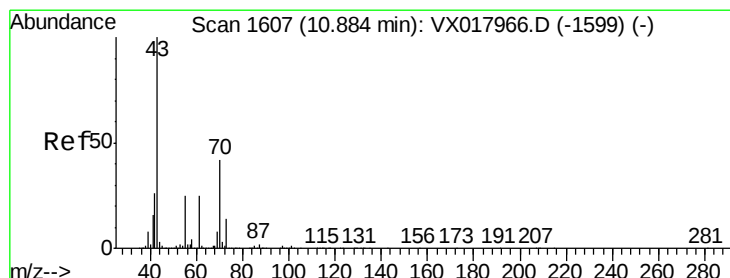
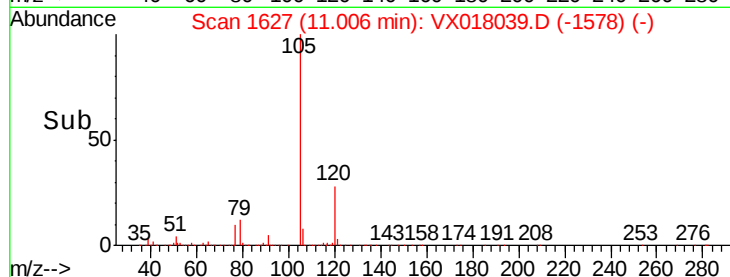
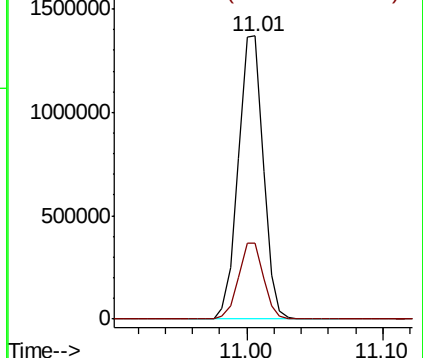
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.800 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion: 43 Resp: 820221

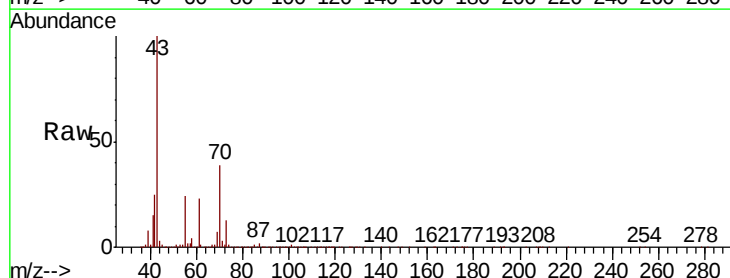
Ion Ratio Lower Upper

43 100

70 41.3 32.9 49.3

55 23.5 19.3 28.9

61 23.9 19.6 29.4

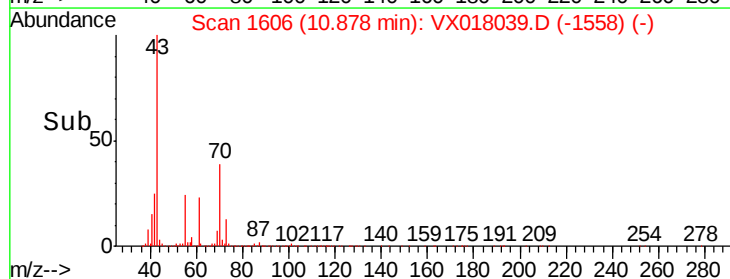
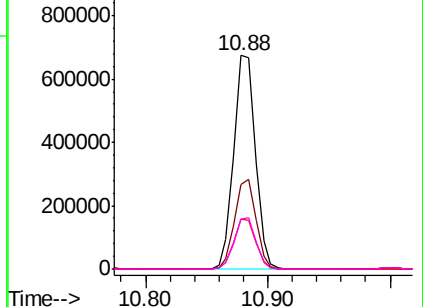


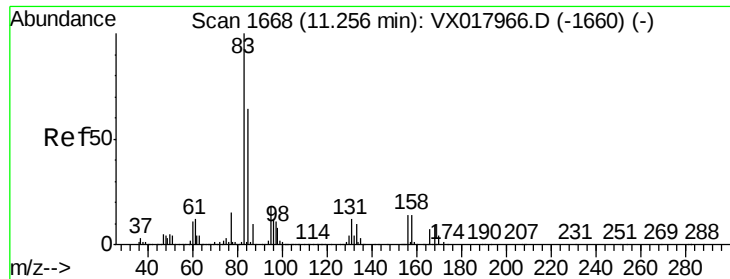
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.655 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

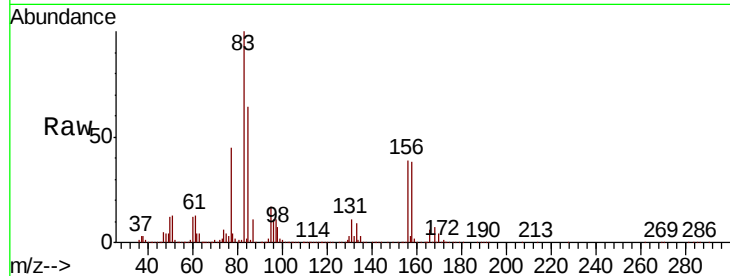
Tot Ion: 83 Resp: 552636

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

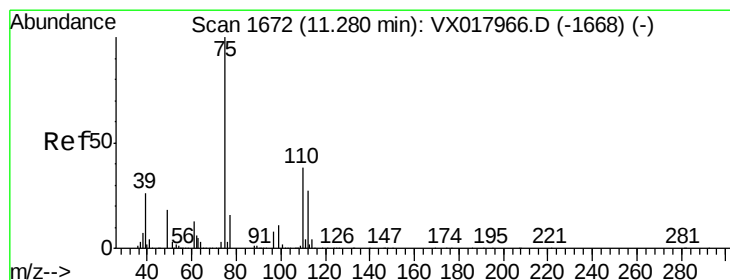
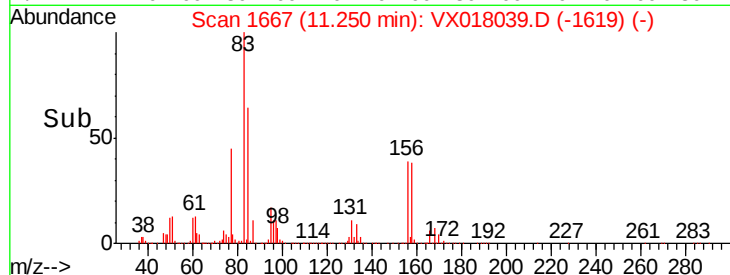
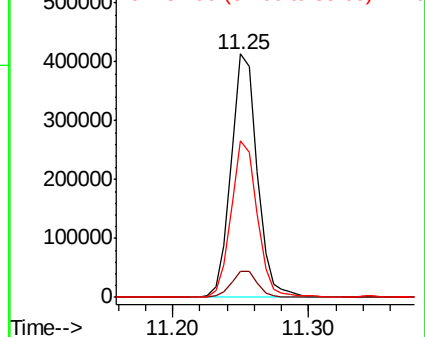
85 64.3 32.2 96.6



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: 67.182 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018039.D

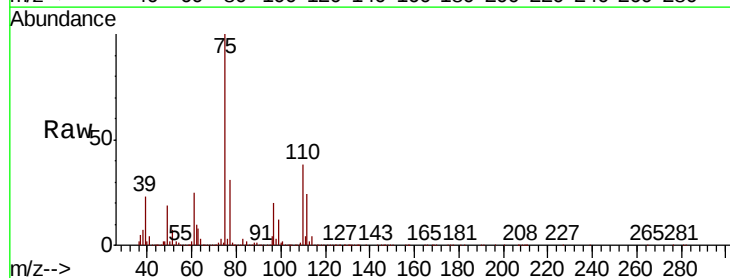
Acq: 20 Aug 2020 17:19

Tgt Ion: 75 Resp: 708172

Ion Ratio Lower Upper

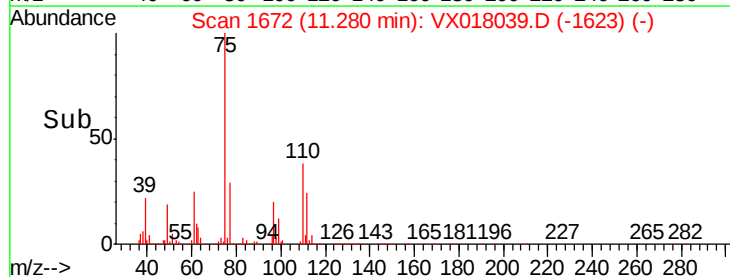
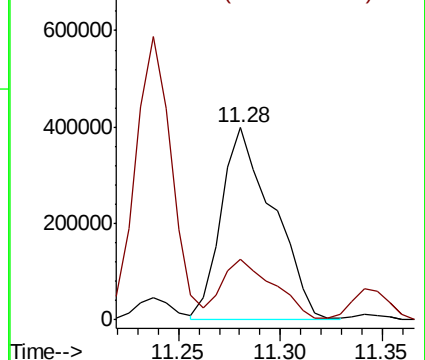
75 100

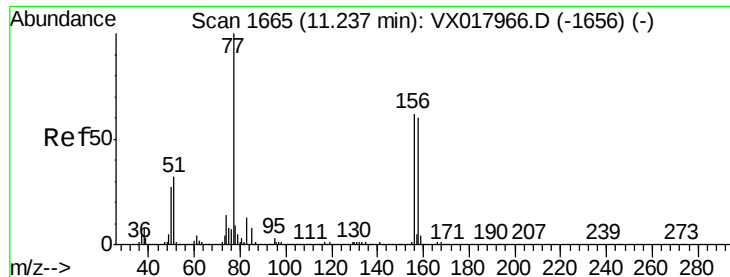
77 31.4 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.017 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

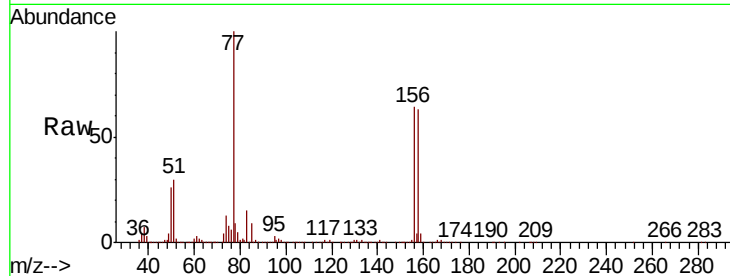
Tot Ion:156 Resp: 469280

Ion Ratio Lower Upper

156 100

77 154.1 78.0 234.0

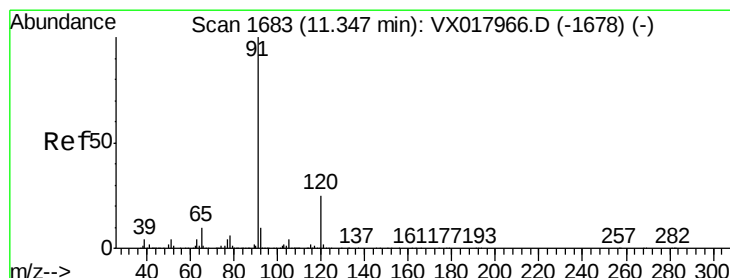
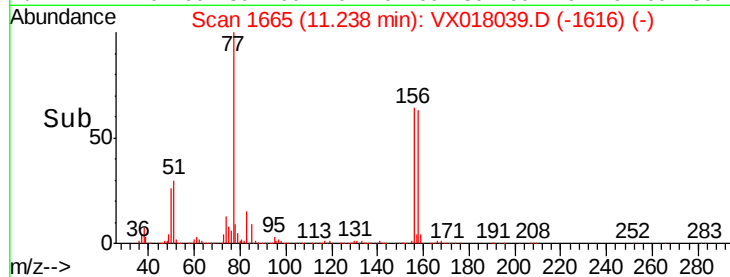
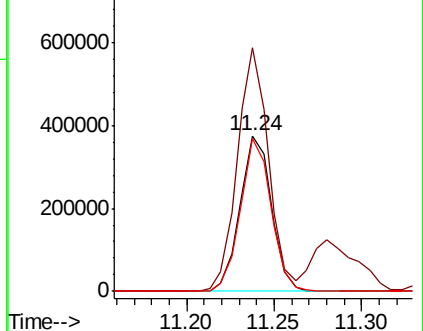
158 95.9 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.659 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018039.D

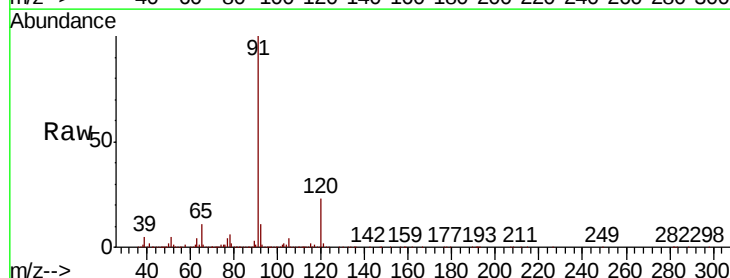
Acq: 20 Aug 2020 17:19

Tgt Ion: 91 Resp: 2002287

Ion Ratio Lower Upper

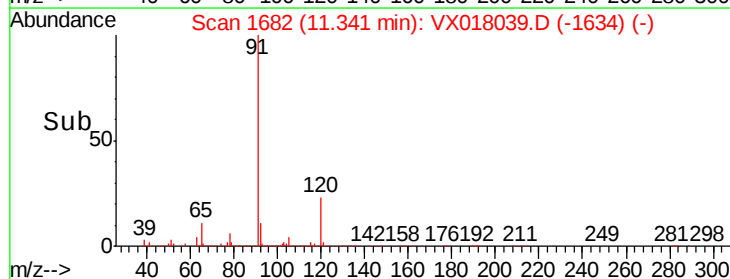
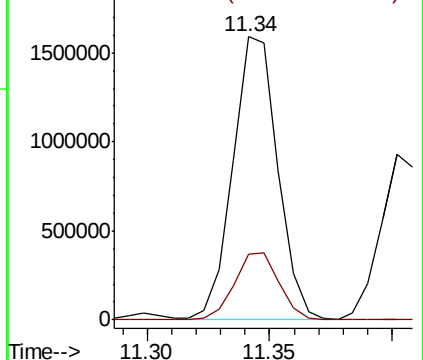
91 100

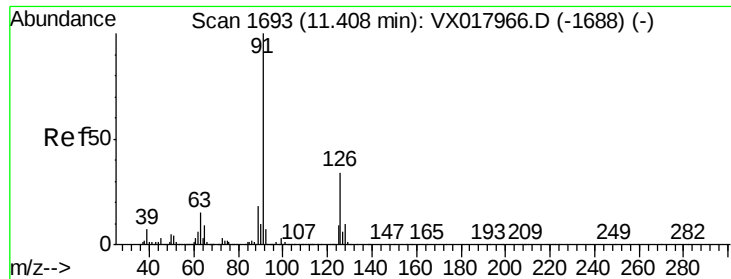
120 23.8 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.011 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

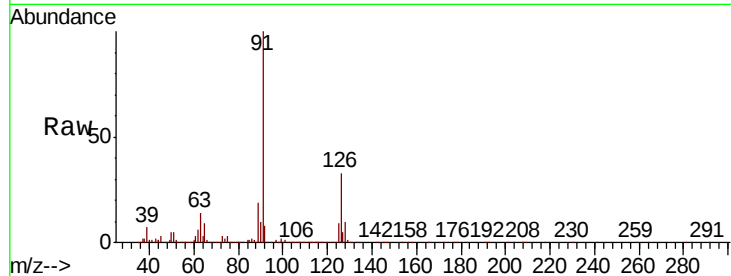
VSTDCCC050EC

Tot Ion: 91 Resp: 1205496

Ion Ratio Lower Upper

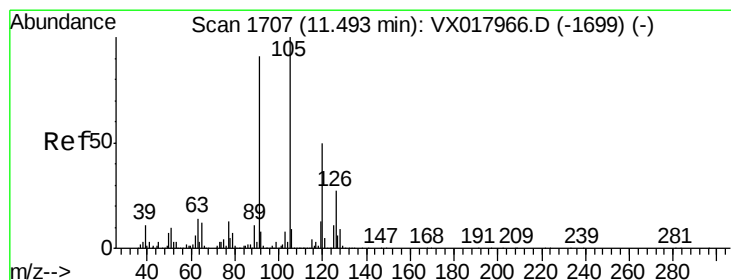
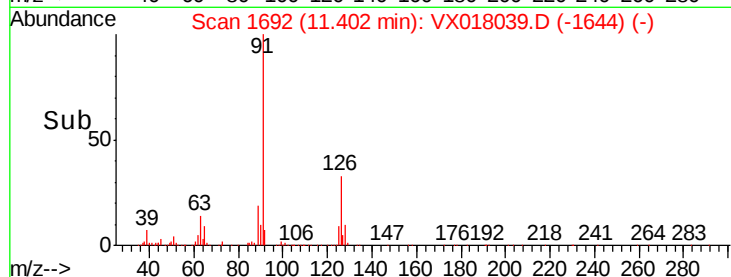
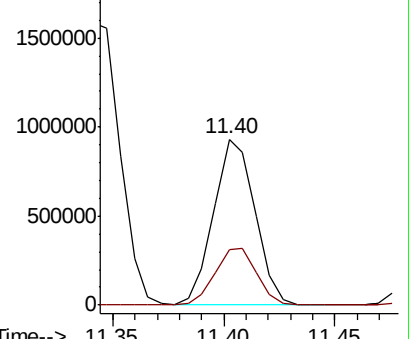
91 100

126 34.7 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VX017966.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX017966.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.231 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018039.D

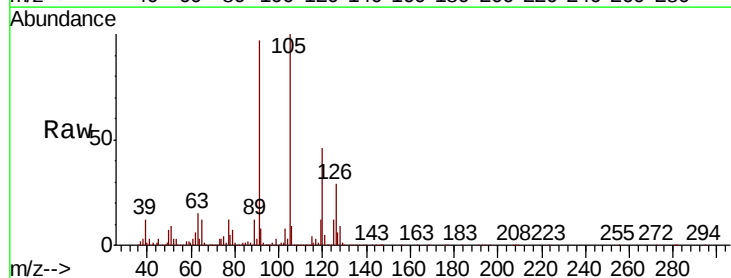
Acq: 20 Aug 2020 17:19

Tgt Ion:105 Resp: 1462718

Ion Ratio Lower Upper

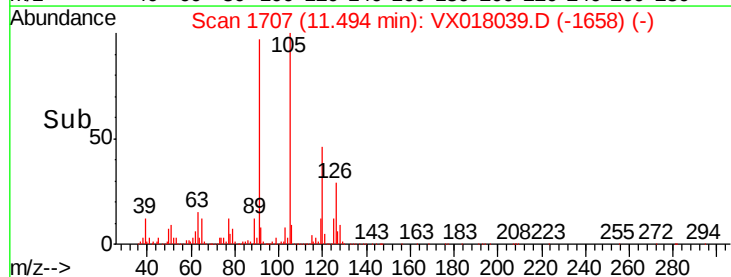
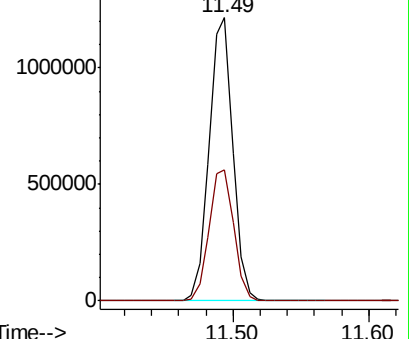
105 100

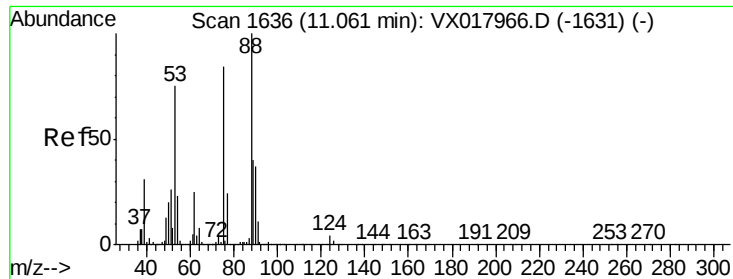
120 48.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX017966.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX017966.D (-1699) (-)

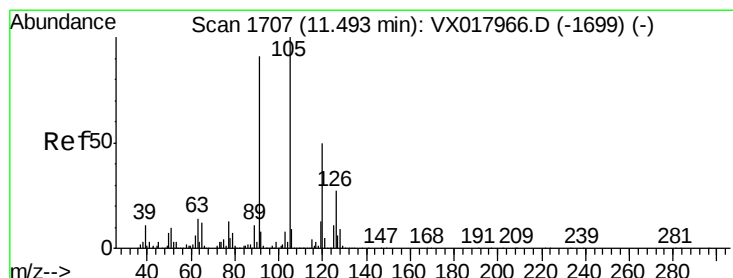
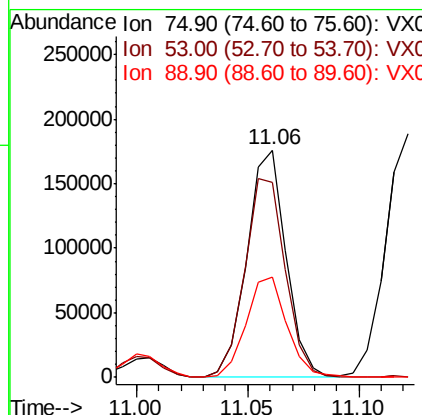
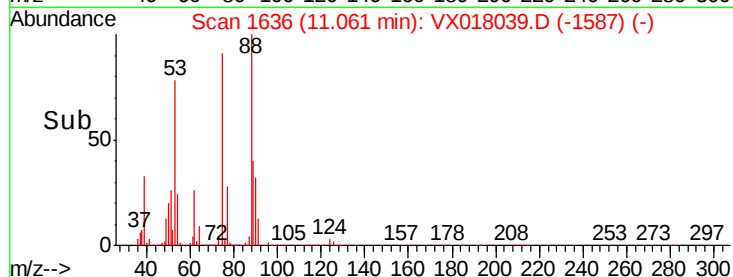
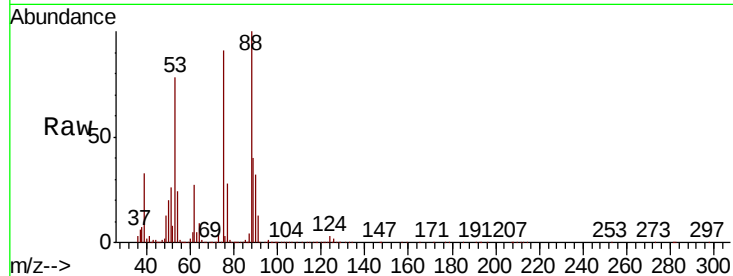




#81
trans-1,4-Dichloro-2-butene
Concen: 53.500 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

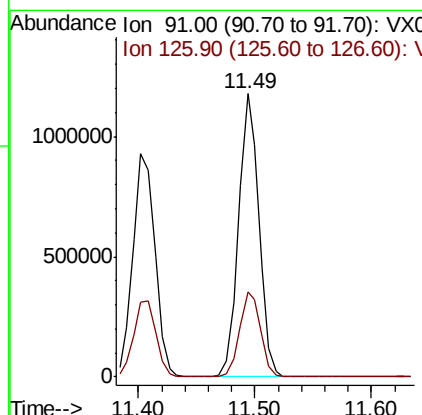
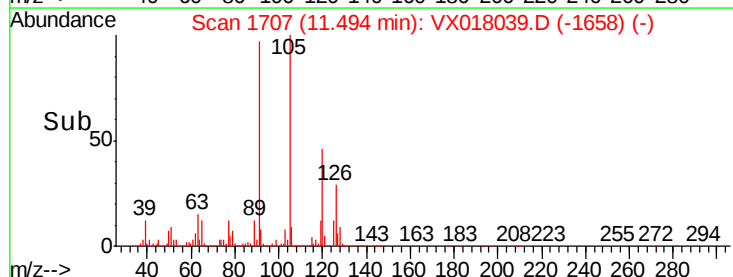
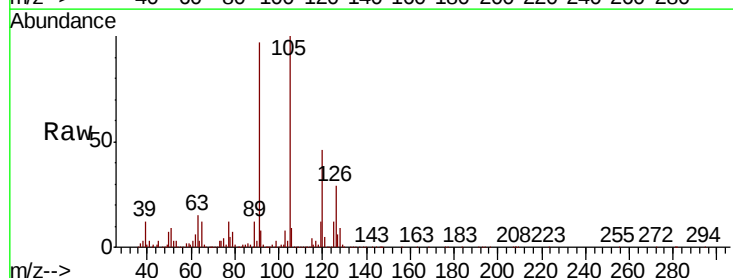
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

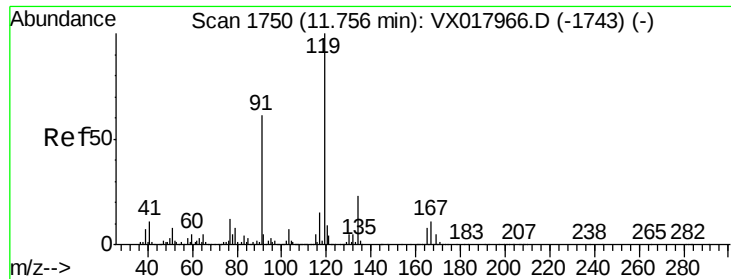
Tot Ion: 75 Resp: 214666
Ion Ratio Lower Upper
75 100
53 91.3 75.2 112.8
89 46.4 38.4 57.6



#82
4-Chlorotoluene
Concen: 53.684 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion: 91 Resp: 1435660
Ion Ratio Lower Upper
91 100
126 30.7 15.0 45.0





#83

tert-Butylbenzene

Concen: 53.463 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

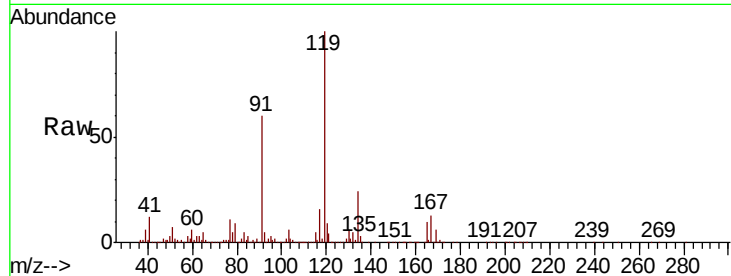
Tot Ion:119 Resp: 1413917

Ion Ratio Lower Upper

119 100

91 56.8 30.1 90.5

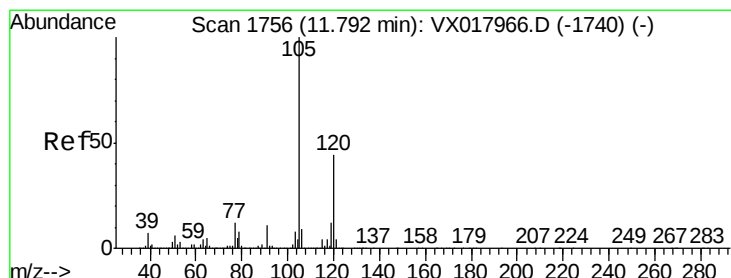
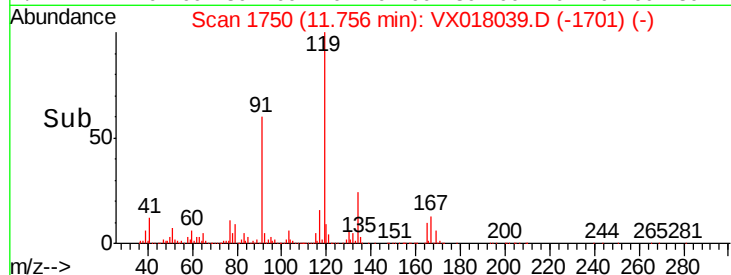
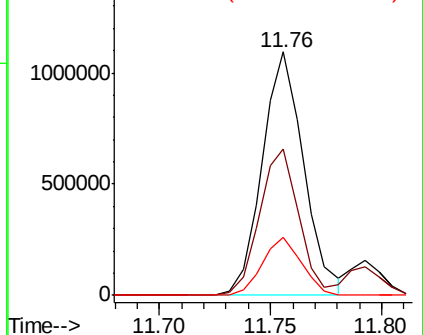
134 22.7 11.1 33.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.445 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018039.D

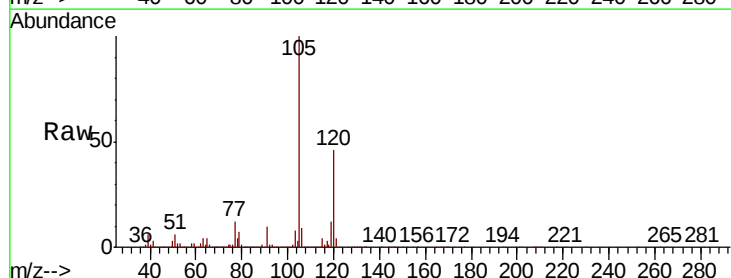
Acq: 20 Aug 2020 17:19

Tgt Ion:105 Resp: 1491494

Ion Ratio Lower Upper

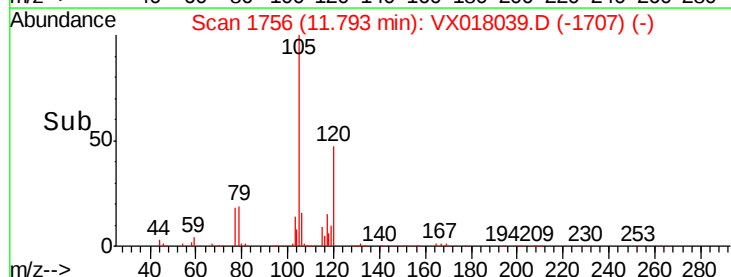
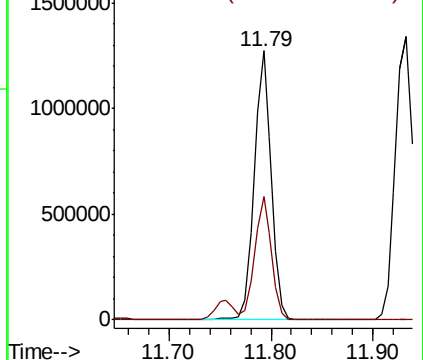
105 100

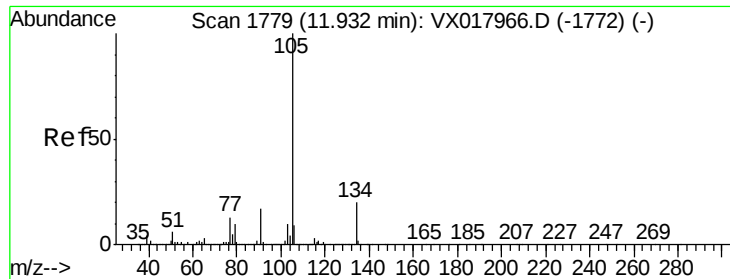
120 45.3 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.451 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

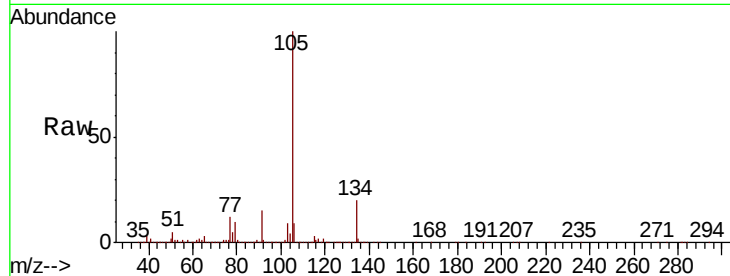
VSTDCCC050EC

Tot Ion:105 Resp: 1642585

Ion Ratio Lower Upper

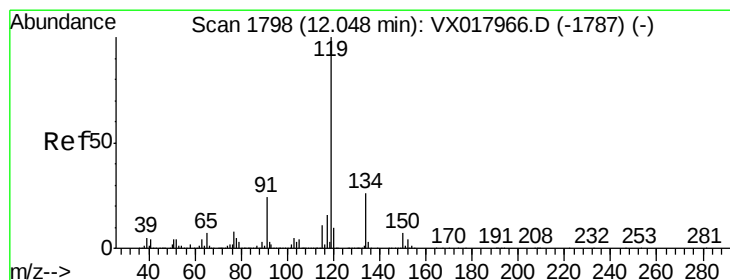
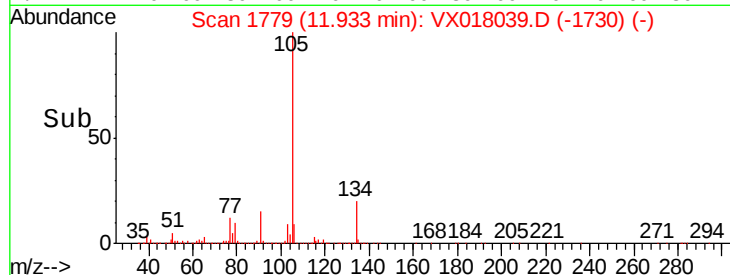
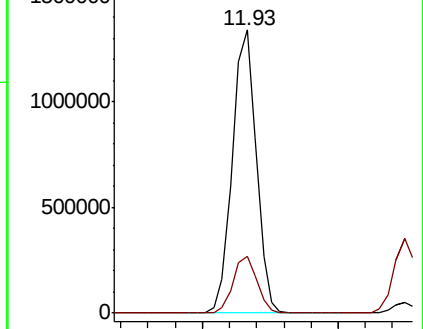
105 100

134 20.0 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.269 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

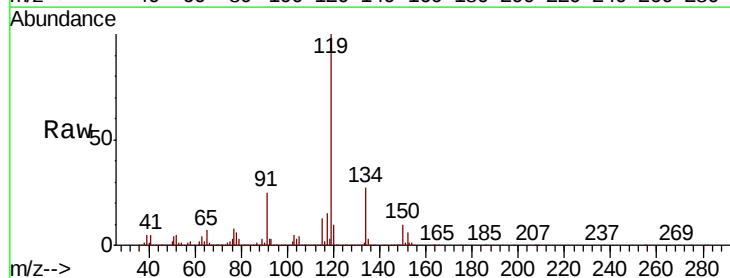
Tgt Ion:119 Resp: 1522595

Ion Ratio Lower Upper

119 100

134 26.5 12.7 38.0

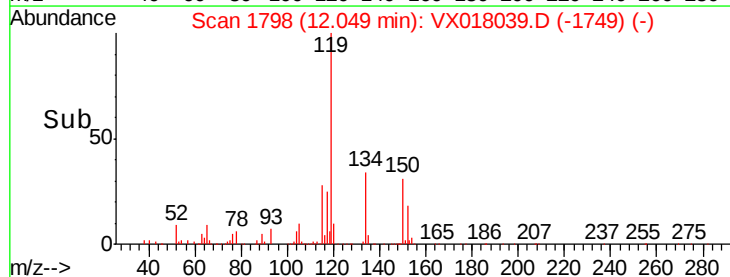
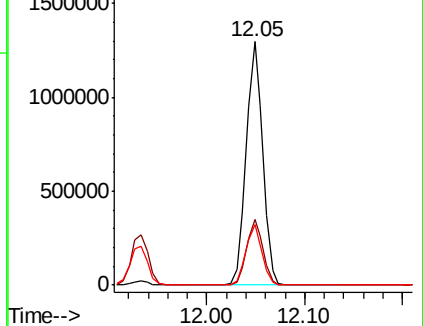
91 24.2 12.2 36.4

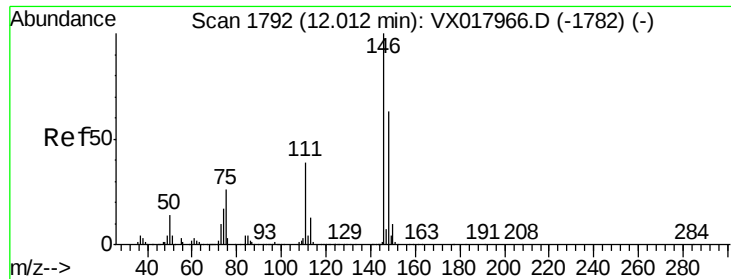


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

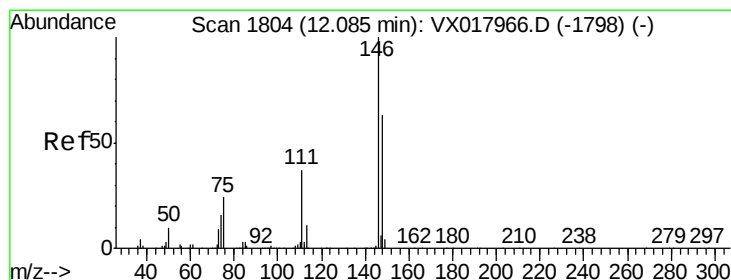
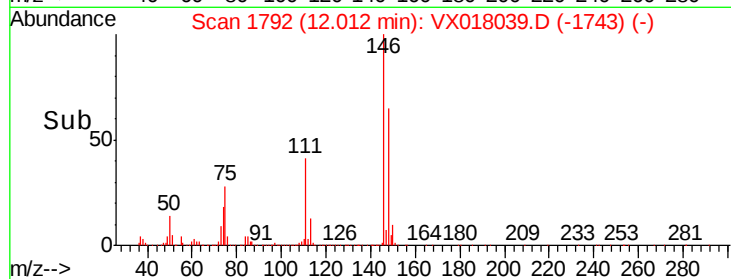
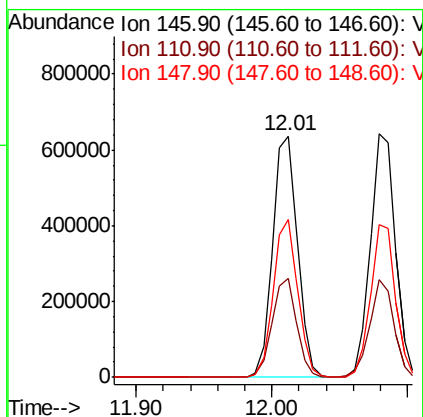
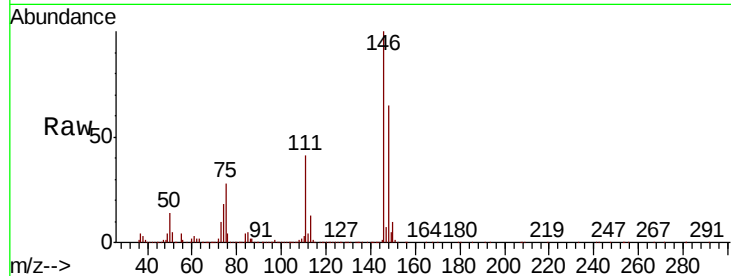




#87
 1,3-Dichlorobenzene
 Concen: 50.627 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

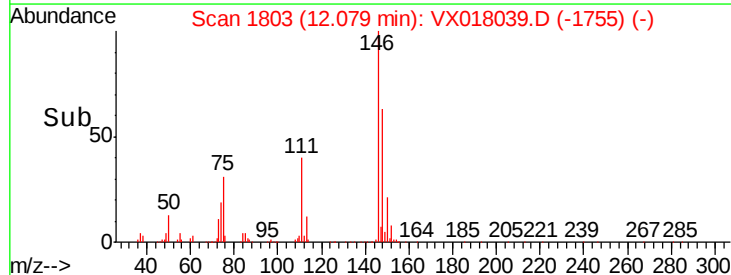
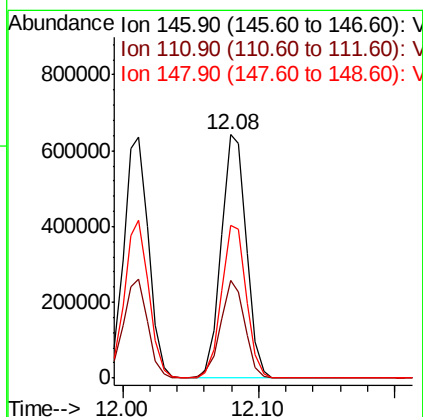
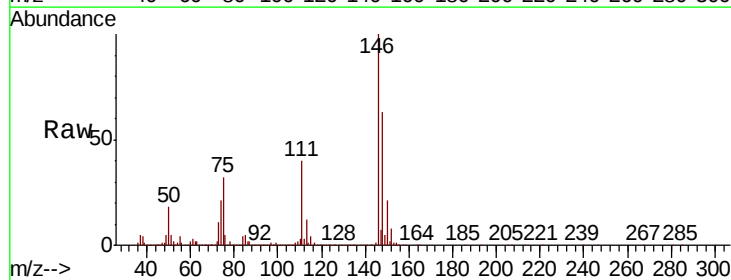
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

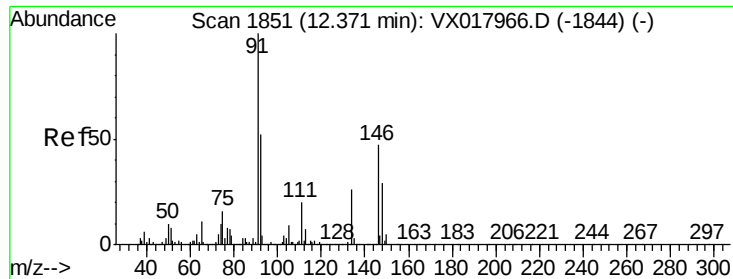
Tot Ion:146 Resp: 815624
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.1 60.3
 148 64.1 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 51.848 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion:146 Resp: 818320
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.1
 148 62.3 31.9 95.7

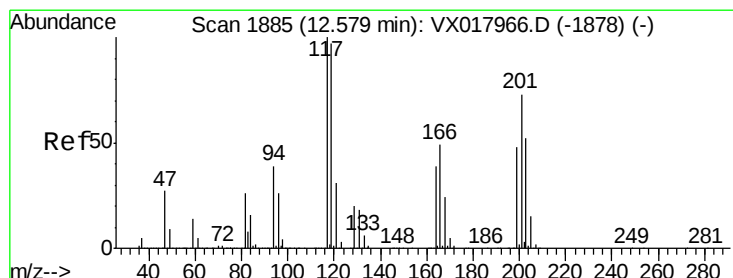
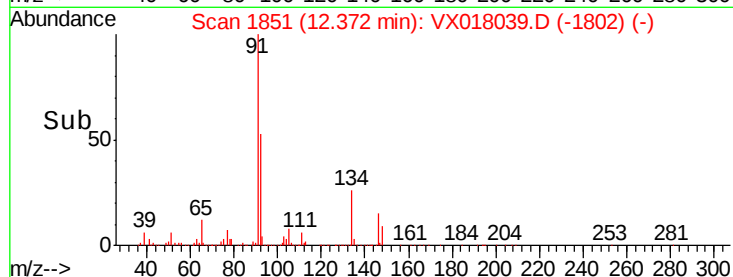
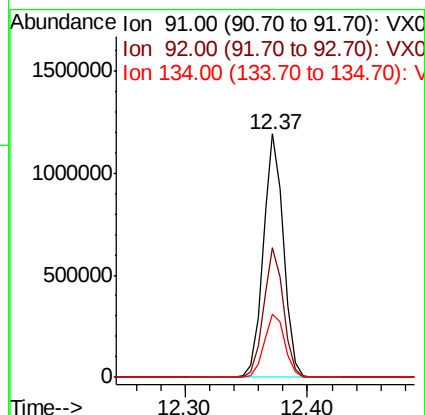
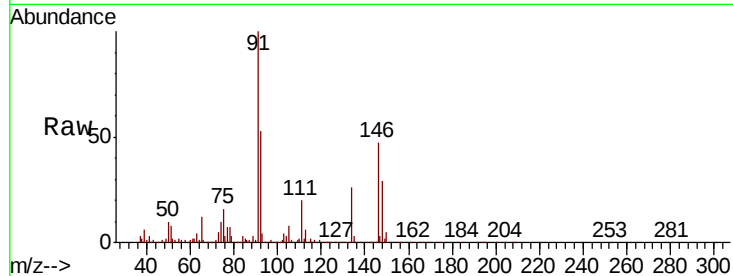




#89
n-Butylbenzene
Concen: 55.771 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

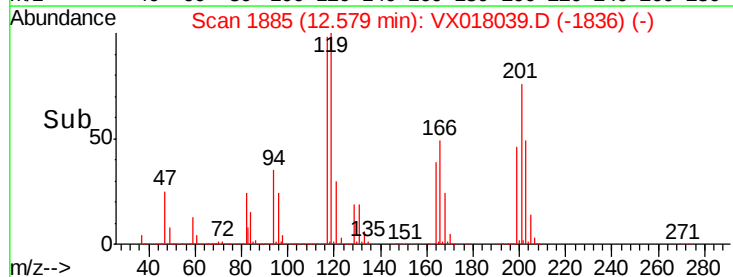
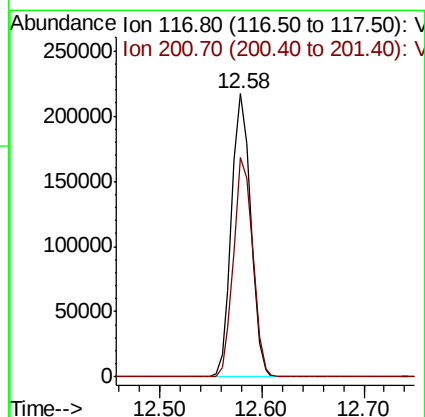
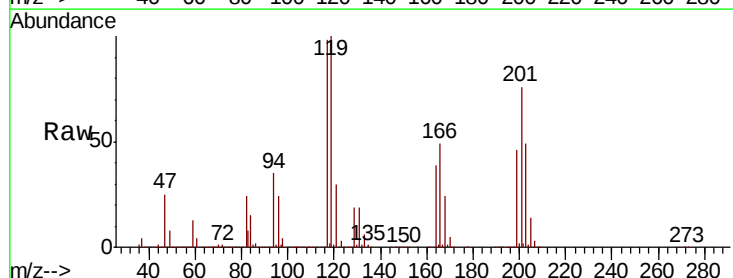
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

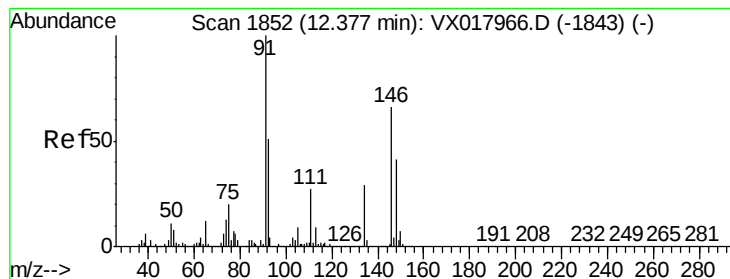
Tot Ion: 91 Resp: 1370810
Ion Ratio Lower Upper
91 100
92 52.5 25.7 77.0
134 26.6 13.4 40.2



#90
Hexachloroethane
Concen: 47.845 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion: 117 Resp: 282593
Ion Ratio Lower Upper
117 100
201 76.9 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 52.010 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

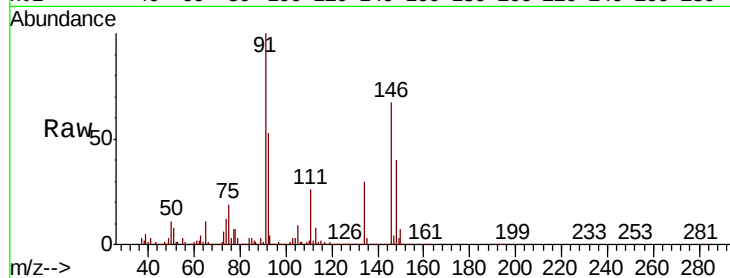
Tot Ion:146 Resp: 773491

Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

148 62.2 31.2 93.6

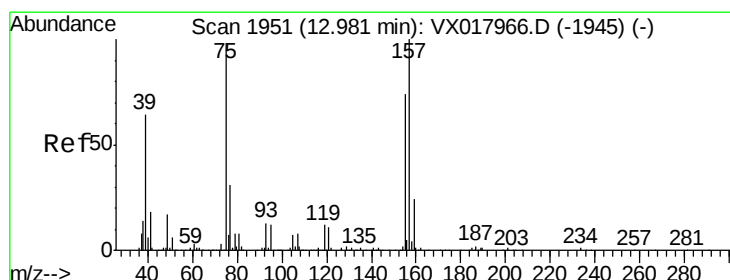
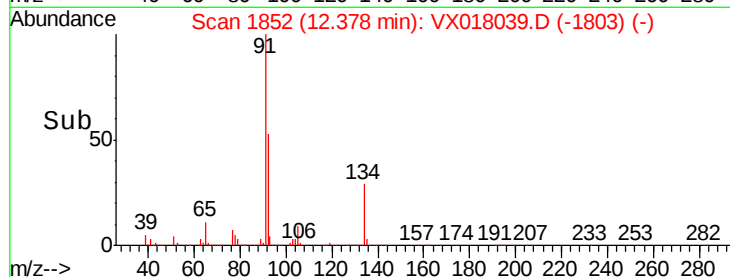
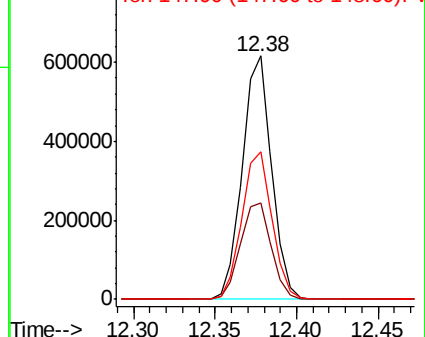


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.587 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

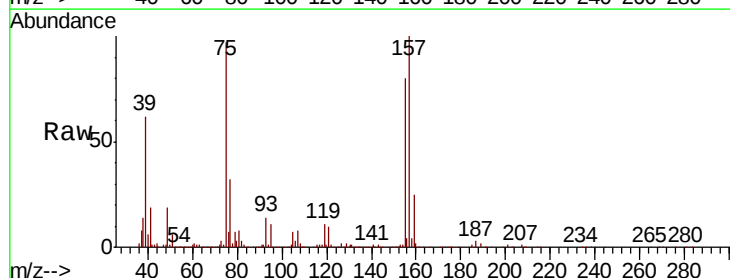
Tgt Ion: 75 Resp: 132076

Ion Ratio Lower Upper

75 100

155 86.5 40.5 121.5

157 107.8 54.4 163.2

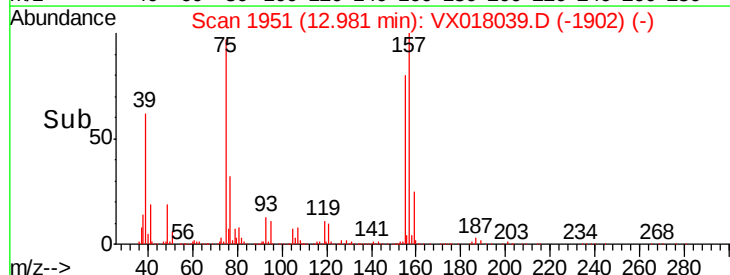
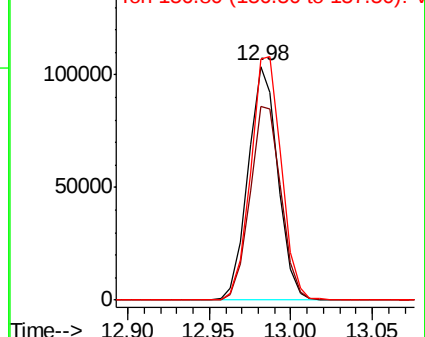


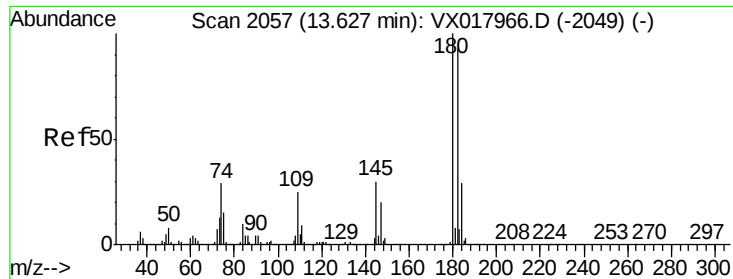
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

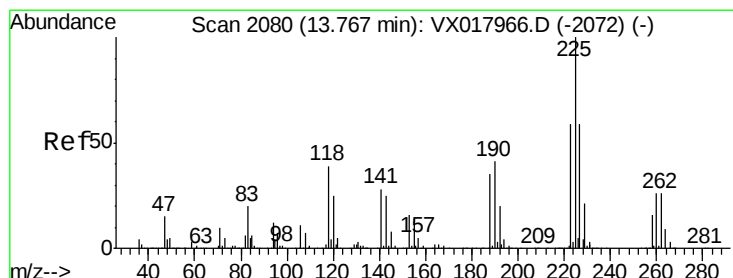
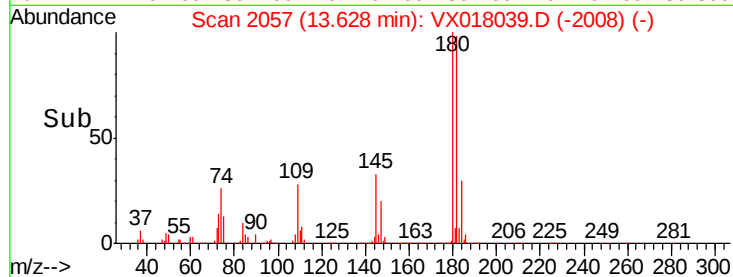
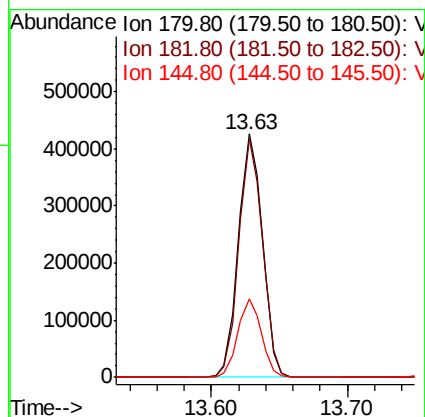
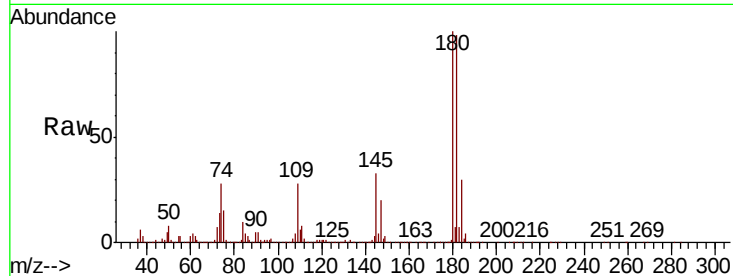




#93
 1,2,4-Trichlorobenzene
 Concen: 53.536 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

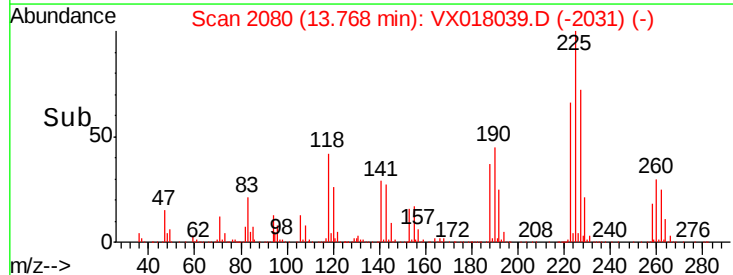
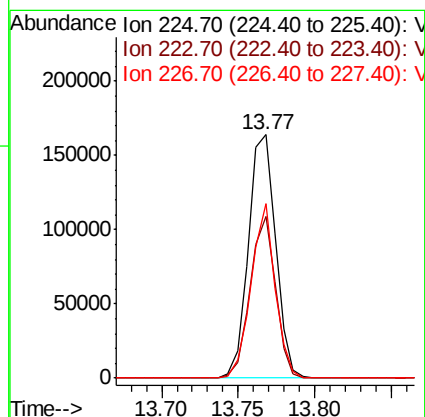
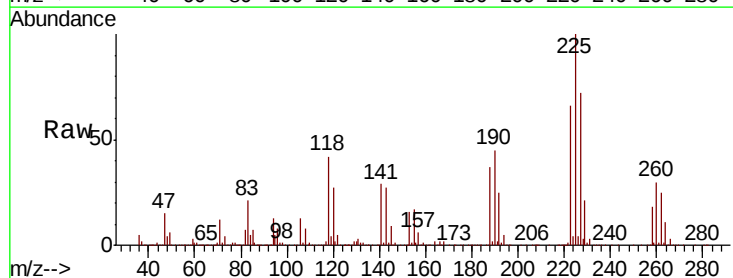
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

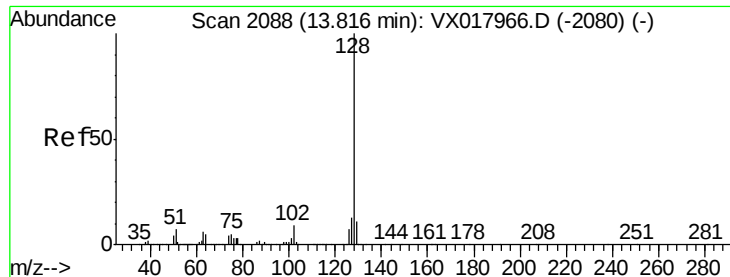
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.8	146.4
145	31.8	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 48.603 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.1	96.3
227	63.1	29.8	89.5

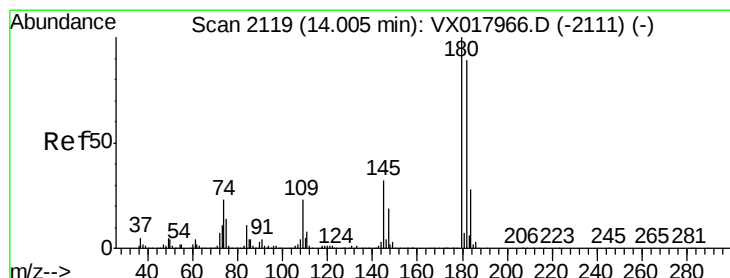
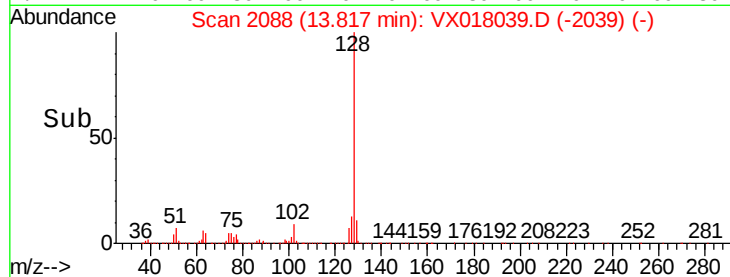
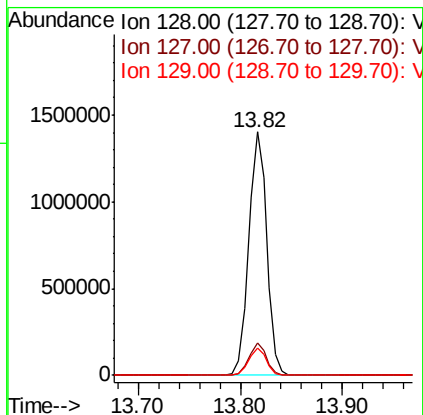
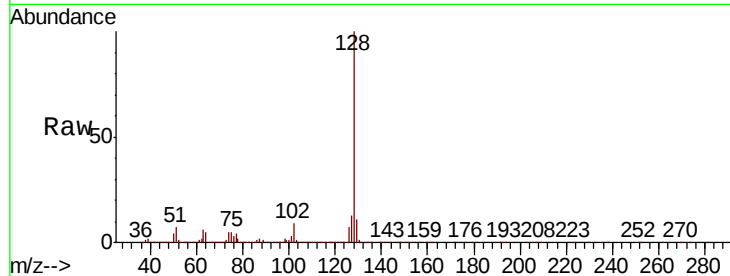




#95
Naphthalene
Concen: 55.790 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1722991
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.735 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion:180 Resp: 514701
Ion Ratio Lower Upper
180 100
182 96.5 46.6 139.8
145 32.9 16.8 50.4

