

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092320\
 Data File : VX018541.D
 Acq On : 23 Sep 2020 17:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 24 00:36:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	434954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	652708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	613081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	332873	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	302293	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
35) Dibromofluoromethane	5.46	113	235527	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
50) Toluene-d8	8.70	98	841717	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.12	95	317187	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	215117	52.165	ug/l	97
3) Chloromethane	1.31	50	223227	46.238	ug/l	100
4) Vinyl Chloride	1.39	62	239038	46.769	ug/l	98
5) Bromomethane	1.64	94	162517	51.808	ug/l	97
6) Chloroethane	1.72	64	134192	45.876	ug/l	98
7) Trichlorofluoromethane	1.92	101	415499	53.513	ug/l	96
8) Diethyl Ether	2.17	74	128541	47.185	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	220016	52.645	ug/l	98
10) Methyl Iodide	2.49	142	257577	49.830	ug/l	95
11) Tert butyl alcohol	3.05	59	224807	209.980	ug/l	99
12) 1,1-Dichloroethene	2.36	96	205816	48.861	ug/l	93
13) Acrolein	2.28	56	193540	285.500	ug/l	100
14) Allyl chloride	2.71	41	368885	45.192	ug/l	96
15) Acrylonitrile	3.12	53	552746	216.379	ug/l	98
16) Acetone	2.43	43	559530	237.776	ug/l	99
17) Carbon Disulfide	2.55	76	579755	46.086	ug/l	99
18) Methyl Acetate	2.75	43	260037	44.600	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	728911	49.295	ug/l	100
20) Methylene Chloride	2.83	84	231950	44.674	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	227542	46.480	ug/l	98
22) Diisopropyl ether	3.82	45	720950	46.988	ug/l	90
23) Vinyl Acetate	3.78	43	3213463	236.355	ug/l	100
24) 1,1-Dichloroethane	3.67	63	410670	46.411	ug/l	99
25) 2-Butanone	4.64	43	814279	222.206	ug/l	100
26) 2,2-Dichloropropane	4.55	77	403862	49.398	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	252655	46.046	ug/l	99
28) Bromochloromethane	4.98	49	206568	49.888	ug/l	98
29) Tetrahydrofuran	5.09	42	489352	211.869	ug/l	97
30) Chloroform	5.18	83	439492	48.952	ug/l	98
31) Cyclohexane	5.55	56	350122	47.020	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	416513	49.451	ug/l	99
36) 1,1-Dichloropropene	5.77	75	330266	52.132	ug/l	98
37) Ethyl Acetate	4.79	43	316152	46.733	ug/l	100
38) Carbon Tetrachloride	5.76	117	388581	55.383	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	368659	51.797	ug/l	96
40) Benzene	6.11	78	906576	49.933	ug/l	100
41) Methacrylonitrile	5.00	41	175403	46.661	ug/l	98
42) 1,2-Dichloroethane	6.16	62	368078	52.112	ug/l	99
43) Isopropyl Acetate	6.41	43	521312	46.437	ug/l	99
44) Trichloroethene	7.19	130	263237	50.084	ug/l	90
45) 1,2-Dichloropropane	7.49	63	236884	47.536	ug/l	98
46) Dibromomethane	7.63	93	170290	49.739	ug/l	99
47) Bromodichloromethane	7.87	83	355037	51.455	ug/l	99
48) Methyl methacrylate	7.74	41	256680	46.975	ug/l	97
49) 1,4-Dioxane	7.76	88	92115	1020.242	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1587206	237.454	ug/l	100
52) Toluene	8.76	92	581631	50.909	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	395298	50.419	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	409825	50.740	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	236854	49.961	ug/l	98
56) Ethyl methacrylate	9.16	69	349723	49.751	ug/l	98
57) 1,3-Dichloropropane	9.35	76	392150	49.234	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	719532	192.526	ug/l	98
59) 2-Hexanone	9.47	43	1228703	241.675	ug/l	99
60) Dibromochloromethane	9.57	129	294172	52.039	ug/l	98
61) 1,2-Dibromoethane	9.65	107	259061	51.359	ug/l	99
64) Tetrachloroethene	9.32	164	255741	52.984	ug/l	94
65) Chlorobenzene	10.12	112	633479	50.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	253717	50.099	ug/l	98
67) Ethyl Benzene	10.24	91	1131626	51.788	ug/l	99
68) m/p-Xylenes	10.34	106	870890	105.360	ug/l	99
69) o-Xylene	10.68	106	394798	50.438	ug/l	100
70) Styrene	10.70	104	694269	51.370	ug/l	97
71) Bromoform	10.84	173	213754	50.270	ug/l #	99
73) Isopropylbenzene	11.00	105	1116388	50.204	ug/l	99
74) N-amyl acetate	10.88	43	446103	44.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	344531	46.809	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	421343	60.234	ug/l	84
77) Bromobenzene	11.24	156	290819	47.398	ug/l	99
78) n-propylbenzene	11.34	91	1280114	49.180	ug/l	100
79) 2-Chlorotoluene	11.40	91	762085	48.369	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	962704	50.622	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	124498	45.607	ug/l	96
82) 4-Chlorotoluene	11.49	91	932066	49.766	ug/l	100
83) tert-Butylbenzene	11.76	119	932816	50.520	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	992056	51.798	ug/l	98
85) sec-Butylbenzene	11.93	105	1097596	50.379	ug/l	100
86) p-Isopropyltoluene	12.05	119	1036805	51.781	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	546065	49.499	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	539820	48.260	ug/l	98
89) n-Butylbenzene	12.37	91	934720	50.427	ug/l	100
90) Hexachloroethane	12.58	117	196875	49.251	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	506988	49.101	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	81341	45.523	ug/l	94

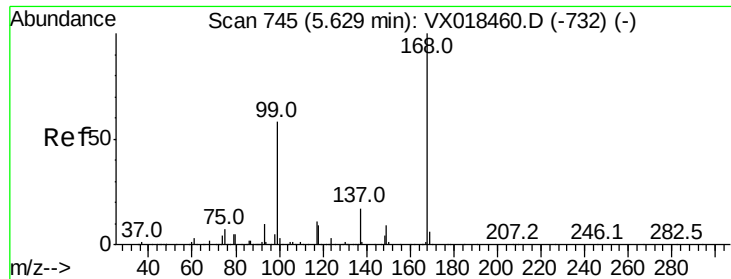
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092320\
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QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	353461	49.186	ug/l	97
94) Hexachlorobutadiene	13.77	225	165768	54.971	ug/l	98
95) Naphthalene	13.82	128	1043954	48.102	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	346152	50.402	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

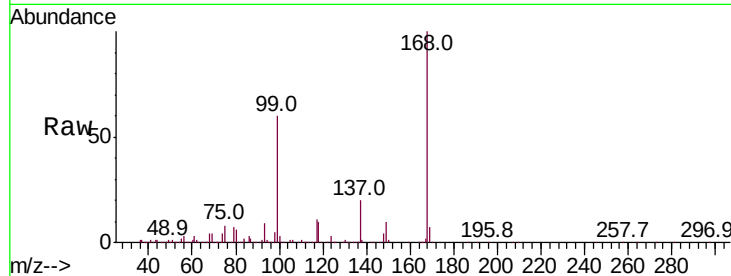
VSTDCCC050

Tot Ion:168 Resp: 434954

Ion Ratio Lower Upper

168 100

99 59.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

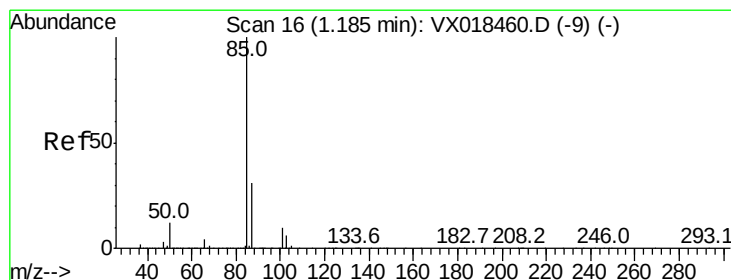
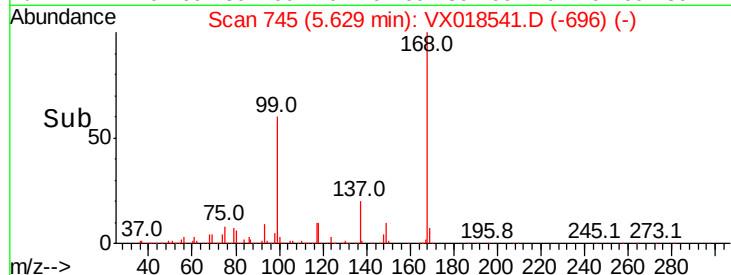
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 52.165 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018541.D

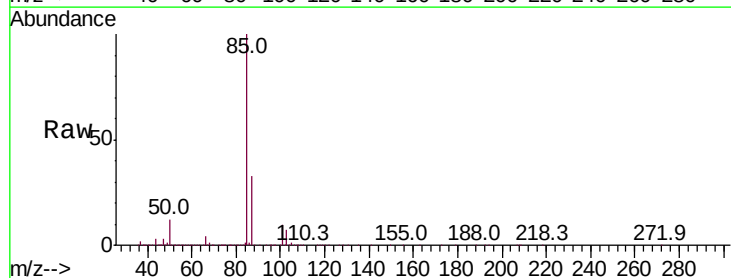
Acq: 23 Sep 2020 17:27

Tgt Ion: 85 Resp: 215117

Ion Ratio Lower Upper

85 100

87 33.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

250000

200000

150000

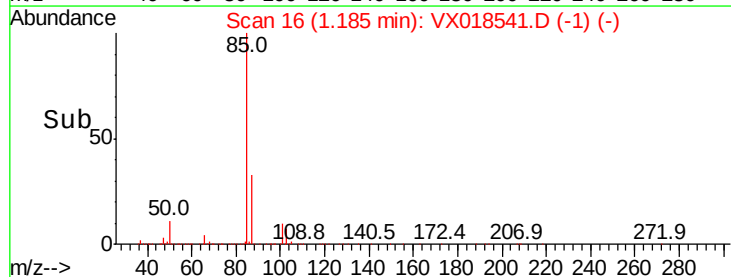
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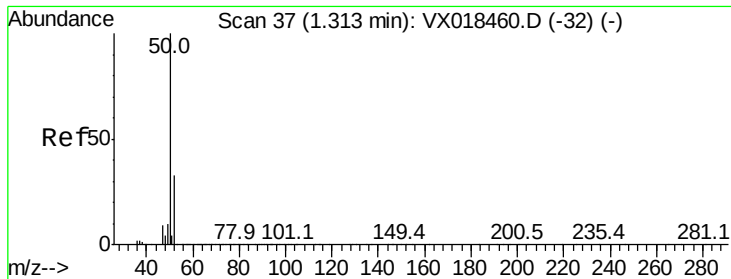
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 46.238 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

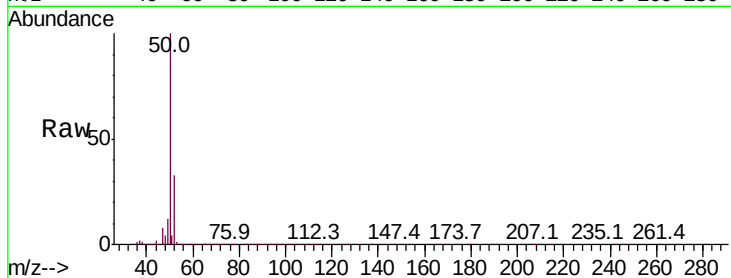
VSTDCCC050

Tot Ion: 50 Resp: 223227

Ion Ratio Lower Upper

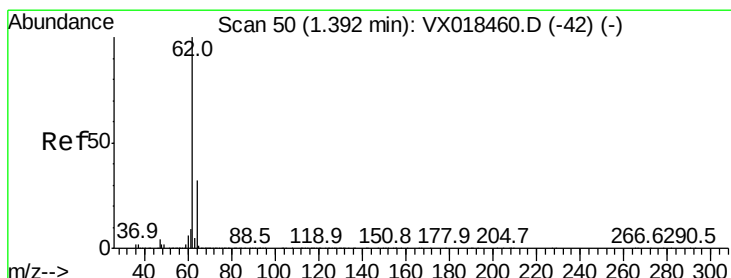
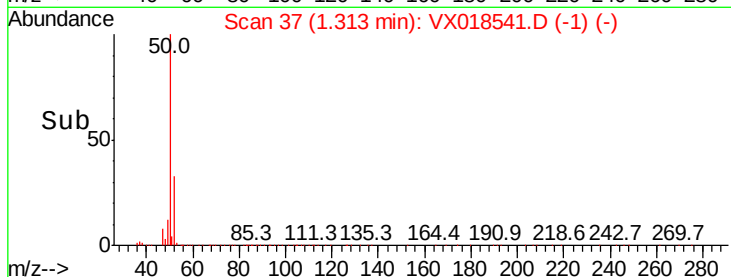
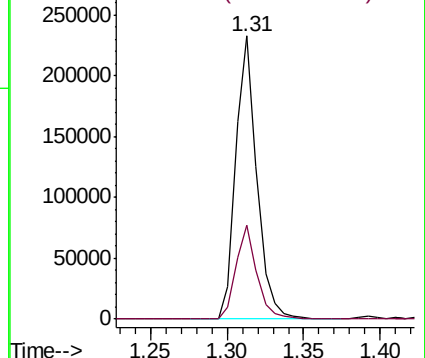
50 100

52 33.2 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.769 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018541.D

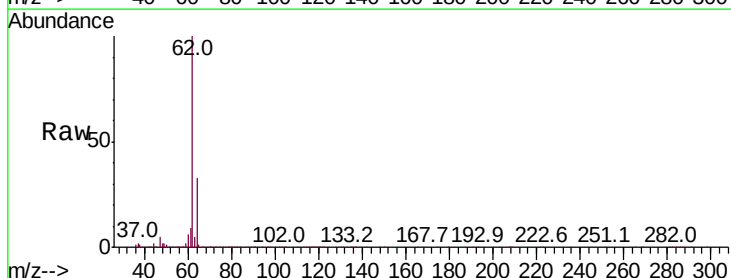
Acq: 23 Sep 2020 17:27

Tgt Ion: 62 Resp: 239038

Ion Ratio Lower Upper

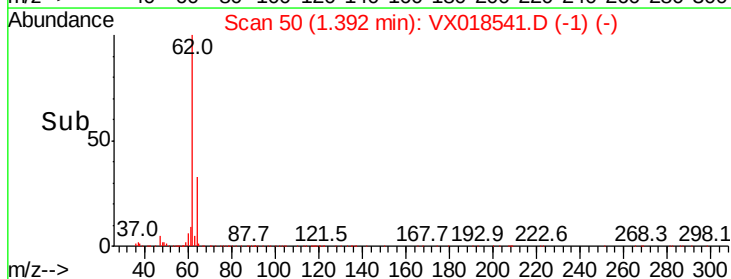
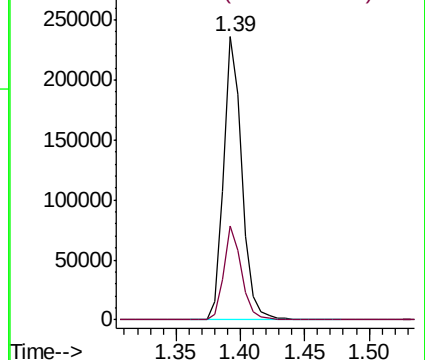
62 100

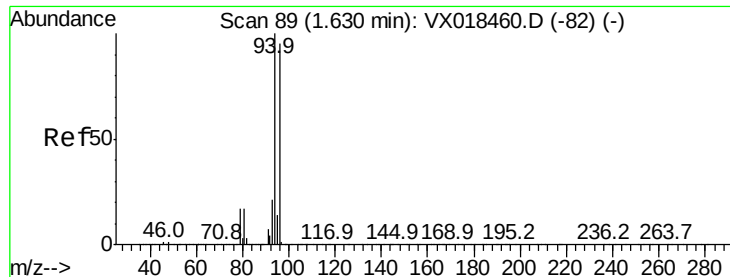
64 33.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.808 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

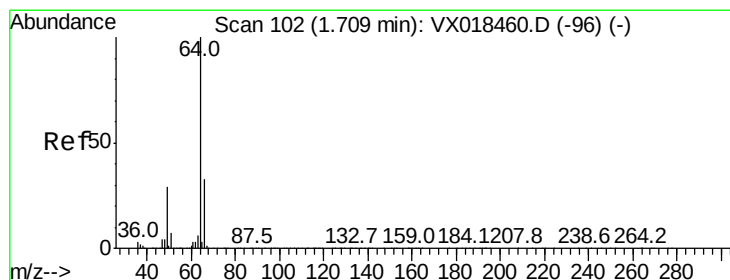
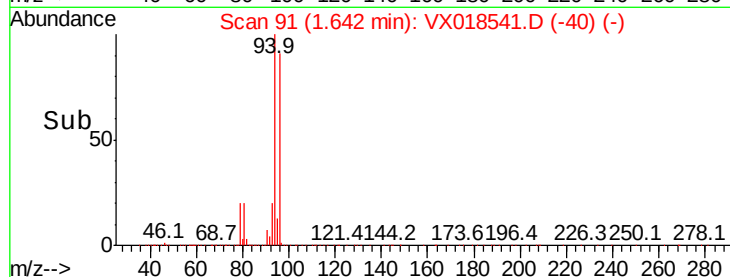
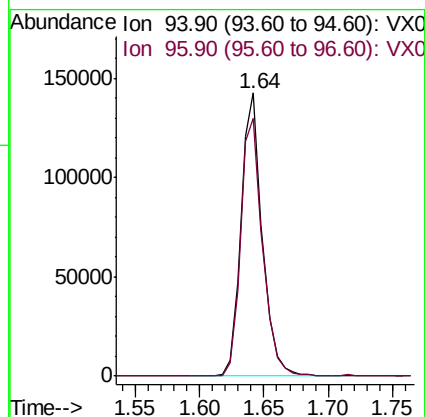
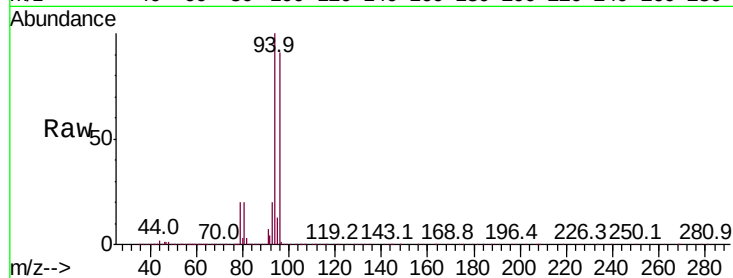
VSTDCCC050

Tot Ion: 94 Resp: 162517

Ion Ratio Lower Upper

94 100

96 91.1 75.5 113.3



#6

Chloroethane

Concen: 45.876 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018541.D

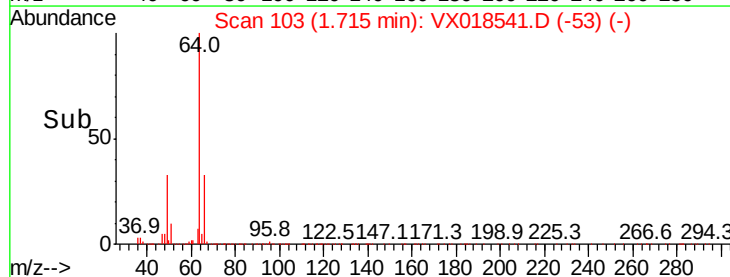
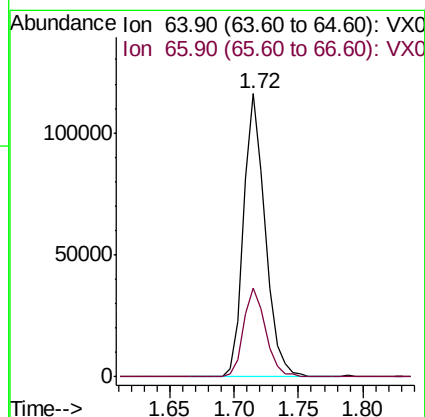
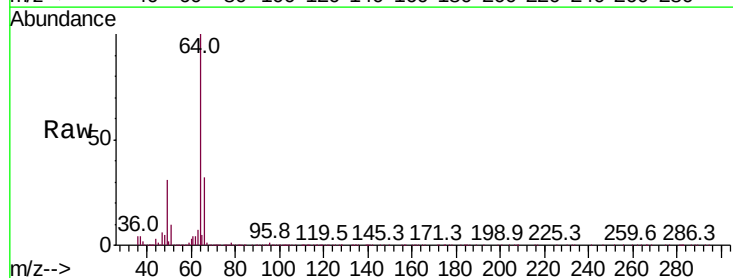
Acq: 23 Sep 2020 17:27

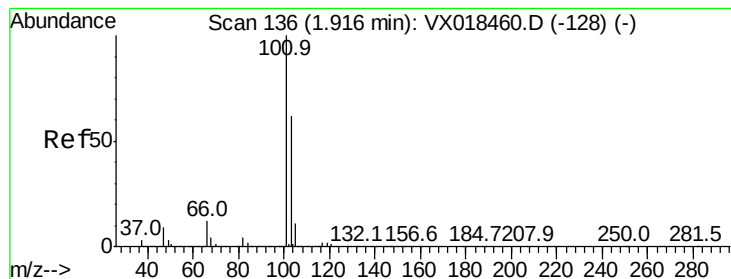
Tgt Ion: 64 Resp: 134192

Ion Ratio Lower Upper

64 100

66 31.4 26.2 39.4



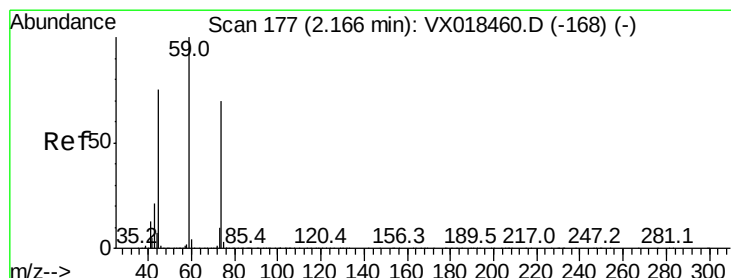
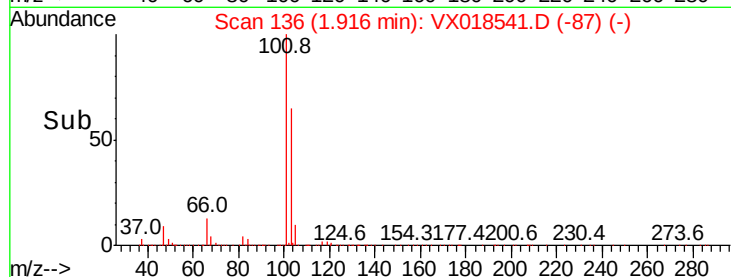
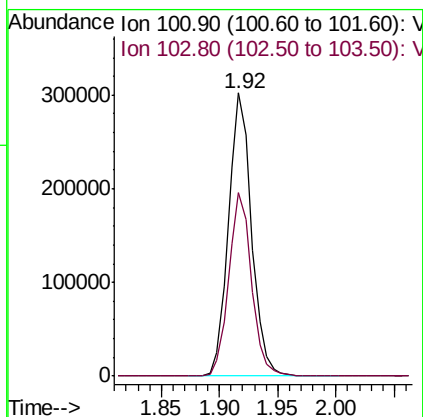
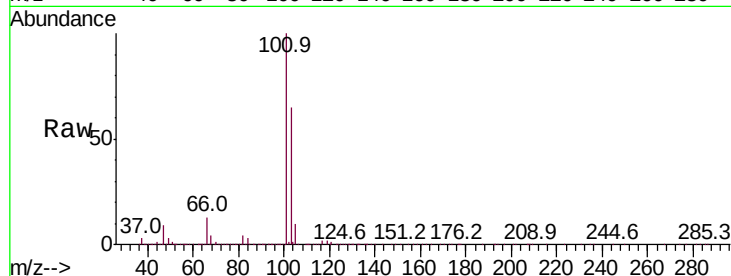


#7

Trichlorofluoromethane
Concen: 53.513 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

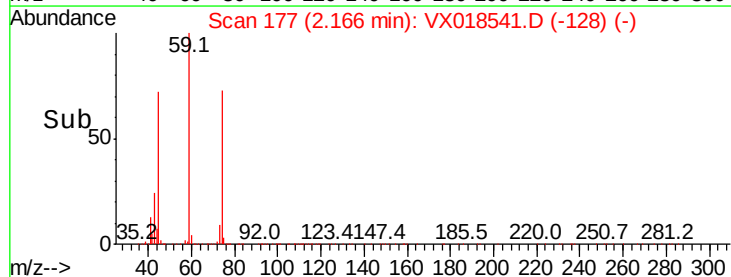
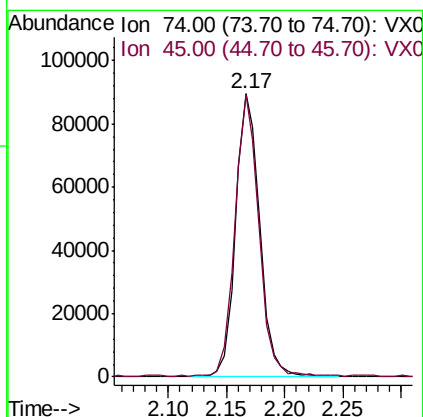
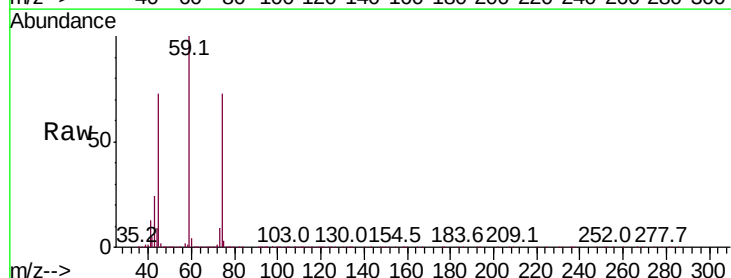
Tot Ion:101 Resp: 415499
Ion Ratio Lower Upper
101 100
103 64.8 49.6 74.4

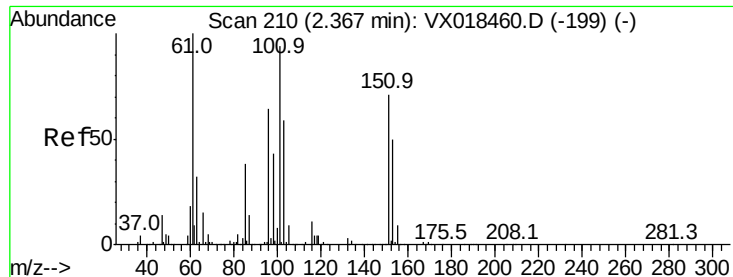


#8

Diethyl Ether
Concen: 47.185 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion: 74 Resp: 128541
Ion Ratio Lower Upper
74 100
45 98.6 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.645 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

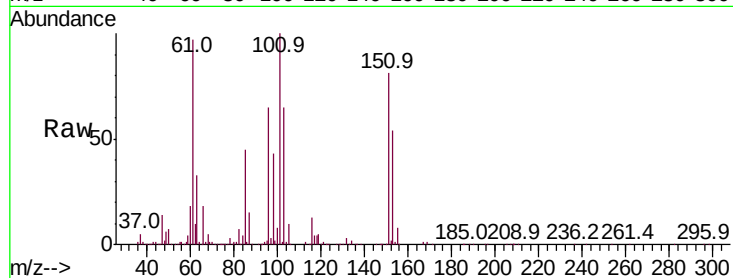
Tot Ion:101 Resp: 220016

Ion Ratio Lower Upper

101 100

85 44.2 34.7 52.1

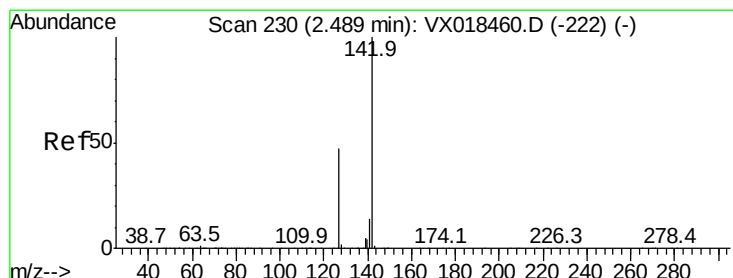
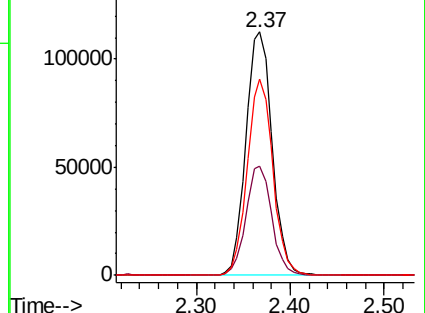
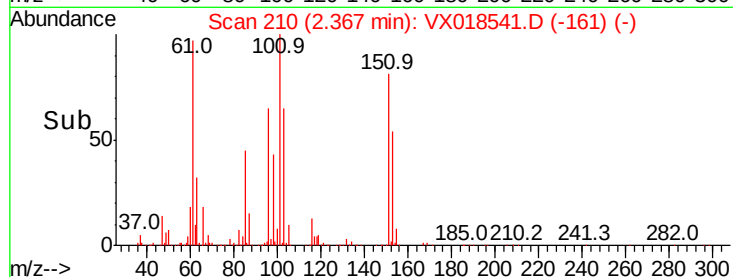
151 78.9 64.9 97.3



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: 49.830 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

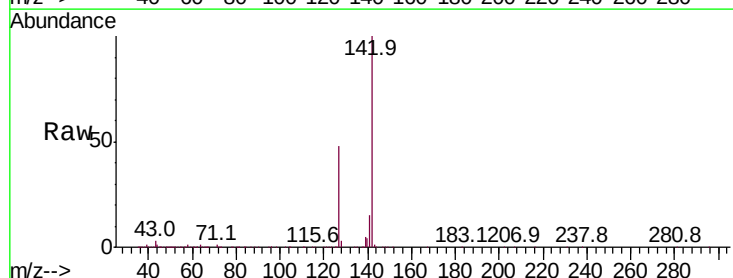
Tgt Ion:142 Resp: 257577

Ion Ratio Lower Upper

142 100

127 48.5 36.0 54.0

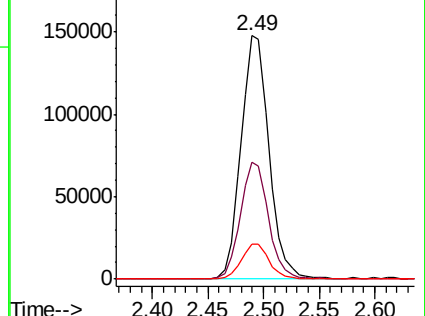
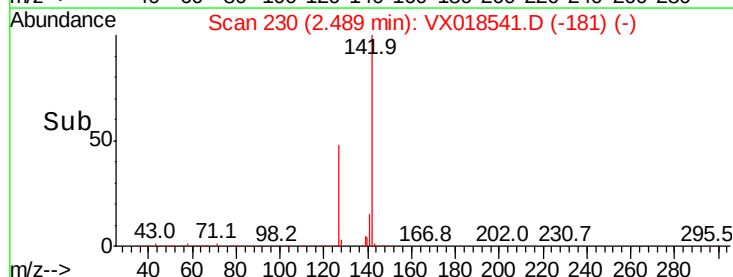
141 14.2 11.9 17.9

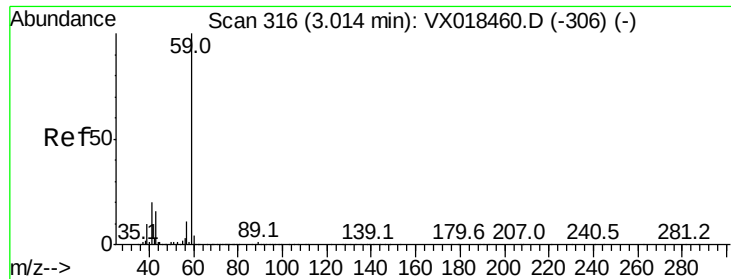


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



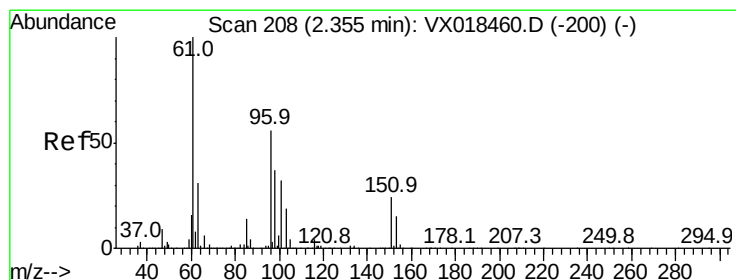
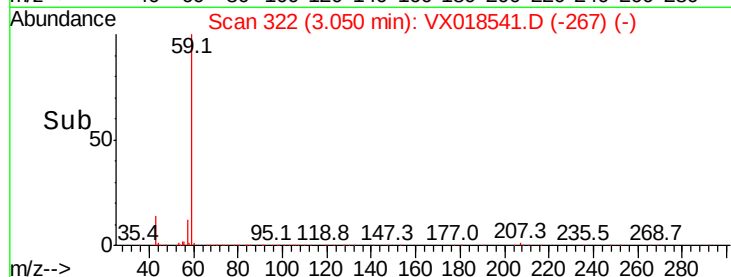
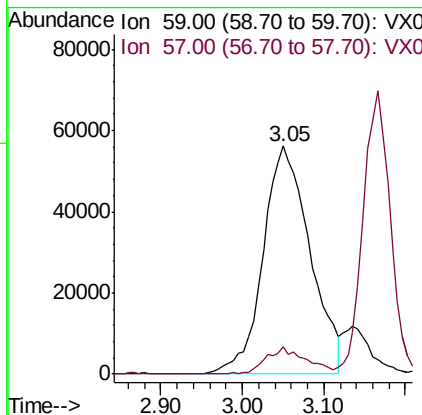
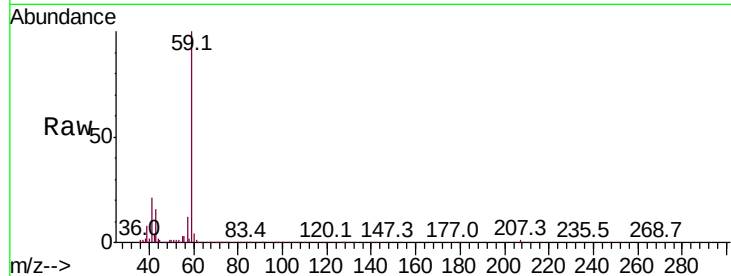


#11

Tert butyl alcohol
 Concen: 209.980 ug/l
 RT: 3.05 min Scan# 322
 Delta R.T. 0.04 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

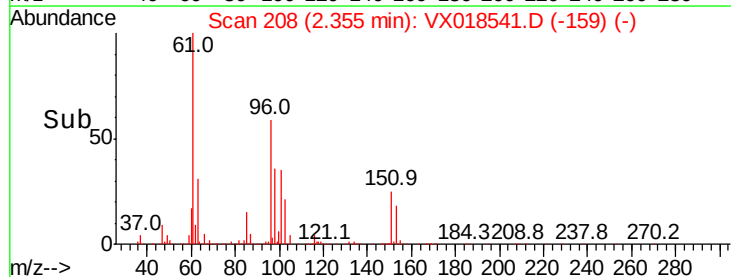
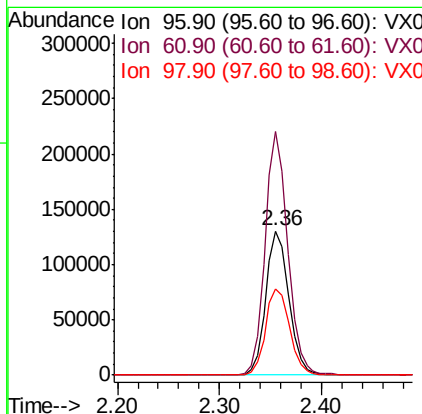
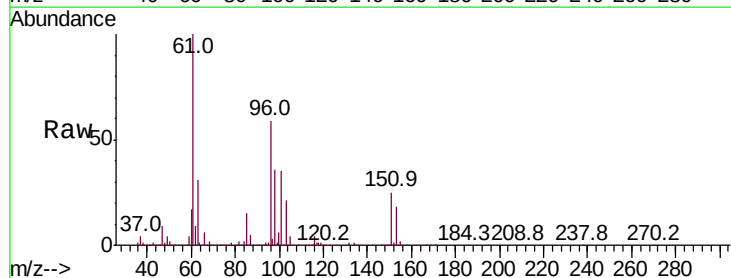
Tot Ion: 59 Resp: 224807
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

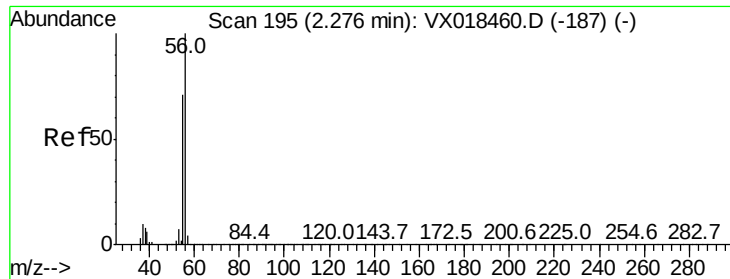


#12

1,1-Dichloroethene
 Concen: 48.861 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Tgt Ion: 96 Resp: 205816
 Ion Ratio Lower Upper
 96 100
 61 168.8 142.2 213.4
 98 60.0 52.4 78.6

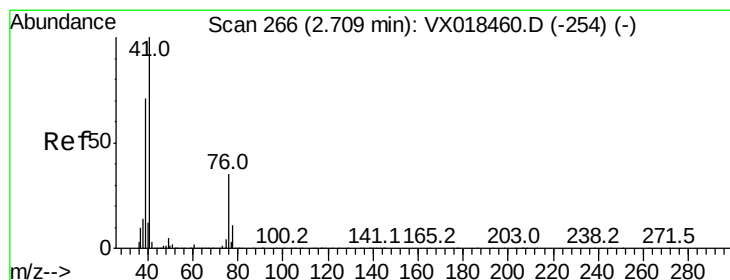
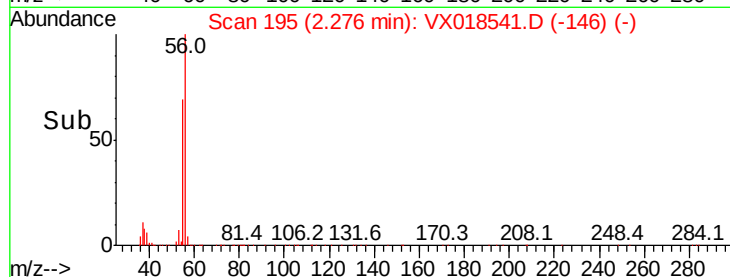
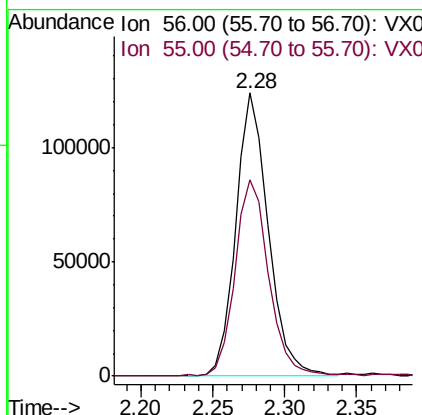
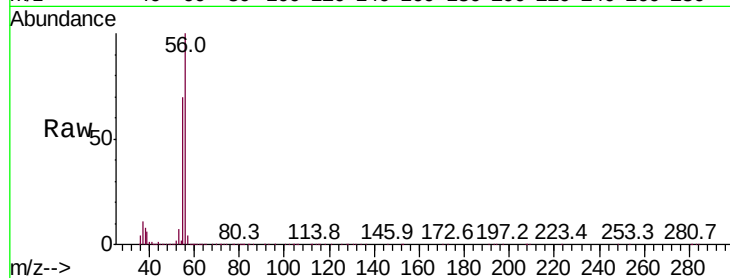




#13
Acrolein
Concen: 285.500 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

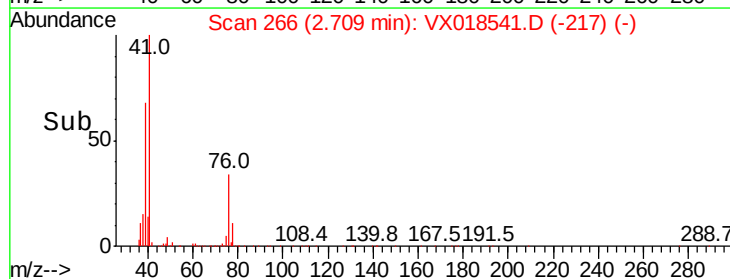
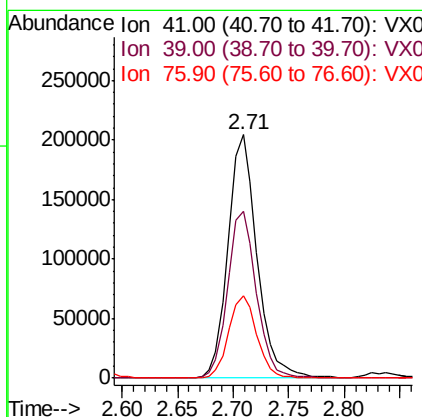
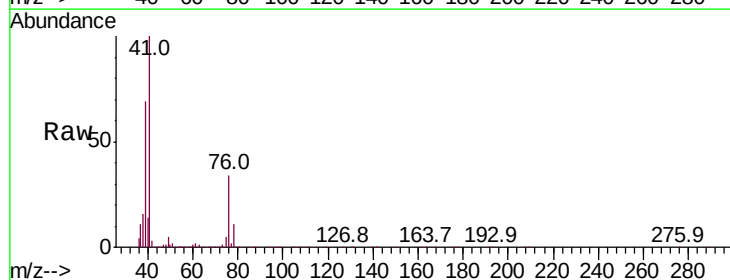
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

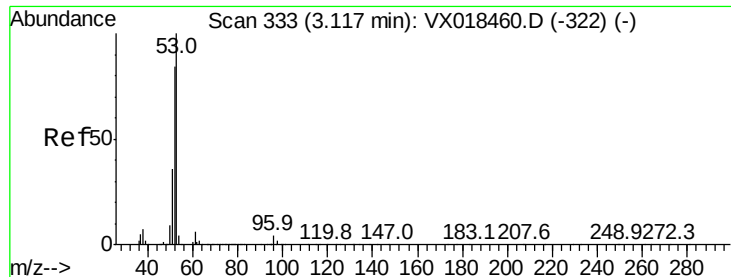
Tot Ion: 56 Resp: 193540
Ion Ratio Lower Upper
56 100
55 72.6 58.2 87.4



#14
Allyl chloride
Concen: 45.192 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion: 41 Resp: 368885
Ion Ratio Lower Upper
41 100
39 67.8 51.1 76.7
76 33.1 26.0 39.0





#15

Acrylonitrile

Concen: 216.379 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

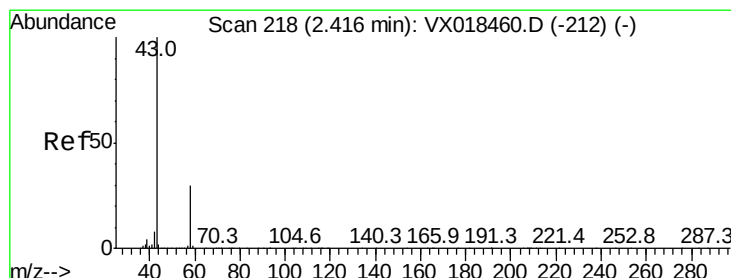
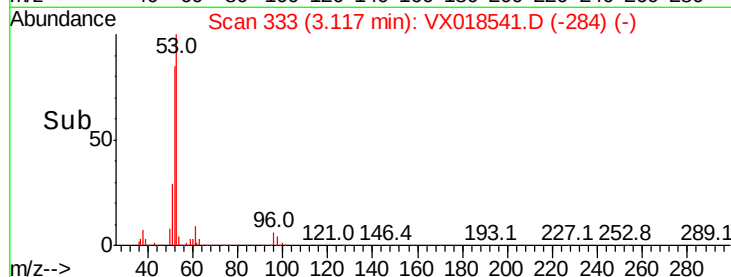
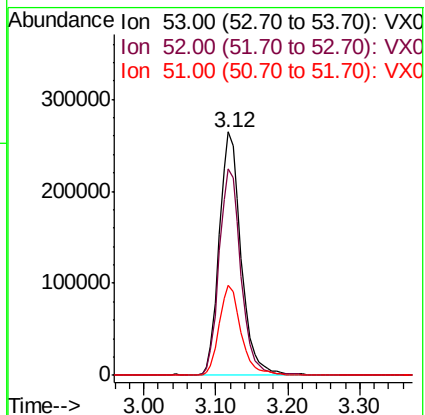
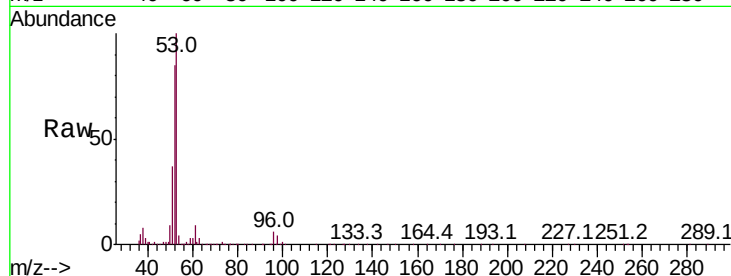
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 552746

Ion	Ratio	Lower	Upper
53	100		
52	84.7	65.8	98.8
51	37.1	29.2	43.8



#16

Acetone

Concen: 237.776 ug/l

RT: 2.43 min Scan# 221

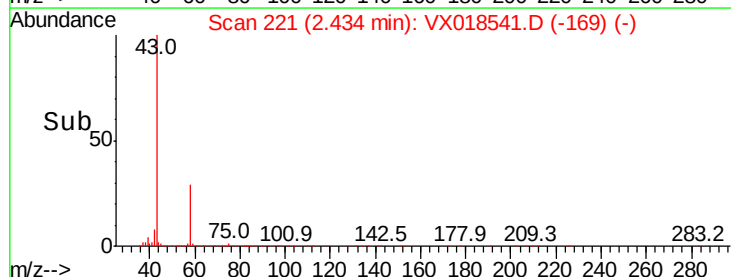
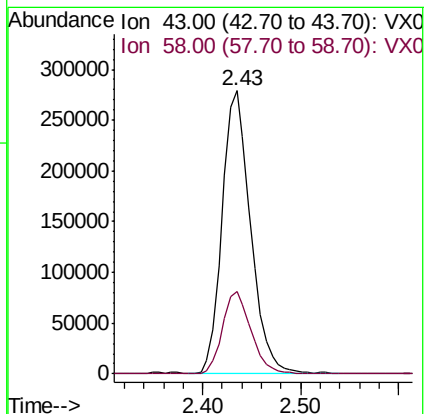
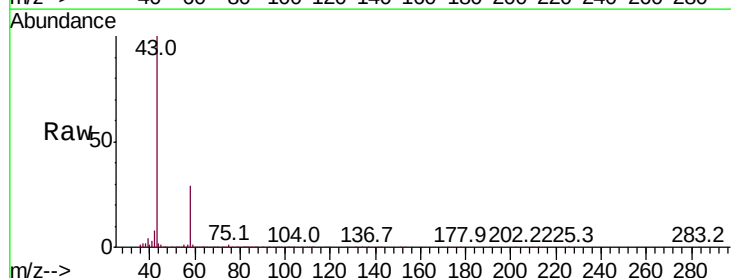
Delta R.T. 0.02 min

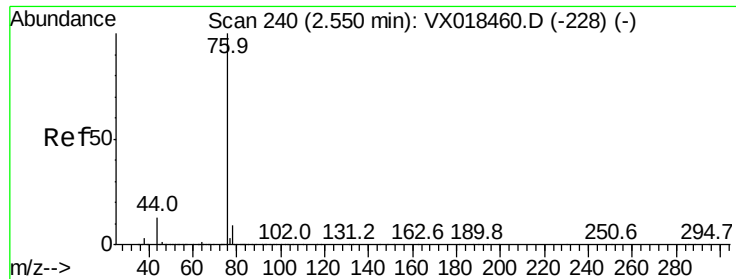
Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion: 43 Resp: 559530

Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.0	36.0

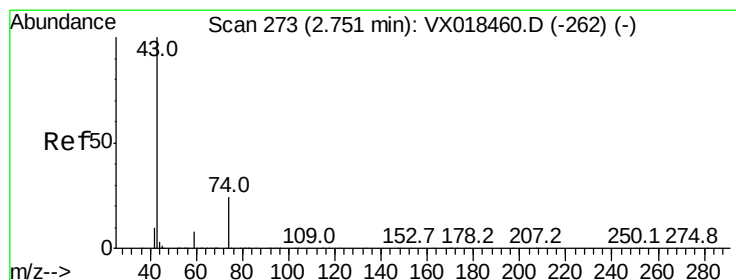
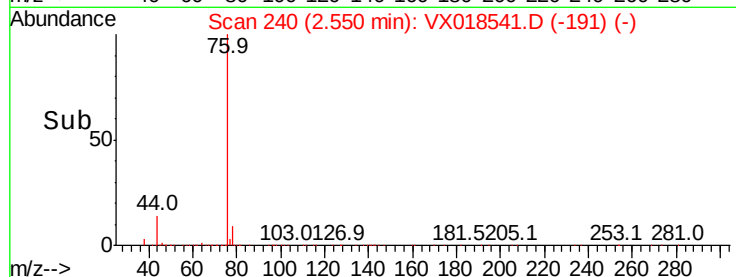
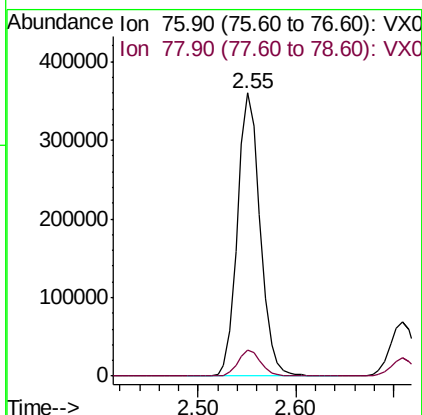
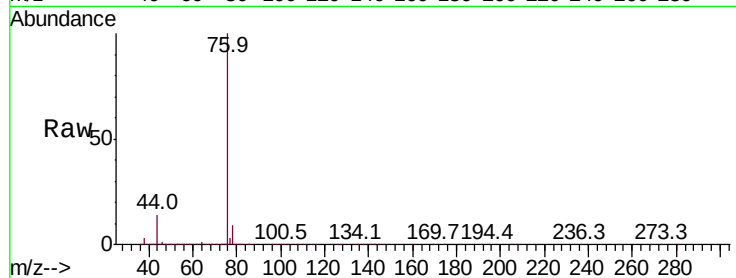




#17
Carbon Disulfide
Concen: 46.086 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

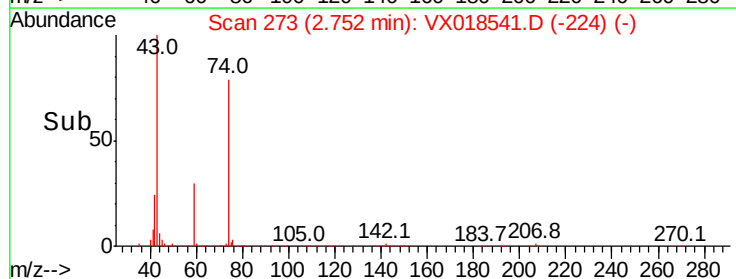
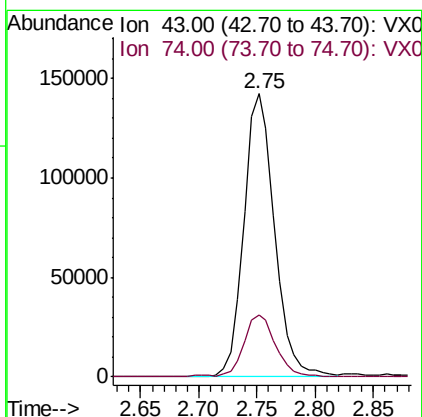
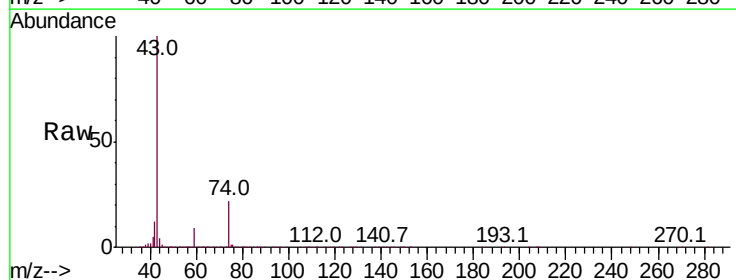
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

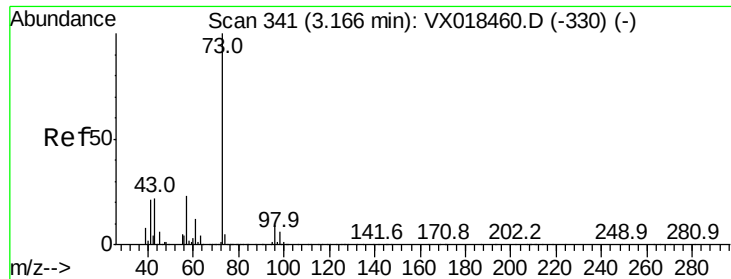
Tot Ion: 76 Resp: 579755
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 44.600 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion: 43 Resp: 260037
Ion Ratio Lower Upper
43 100
74 23.0 18.3 27.5

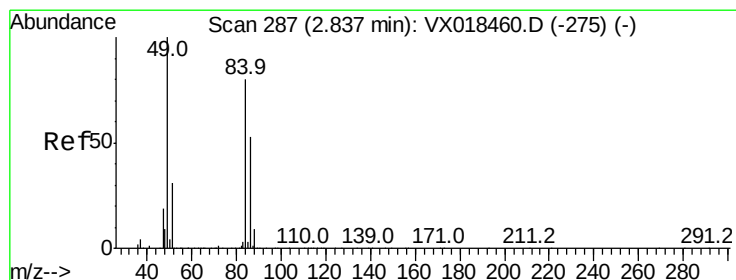
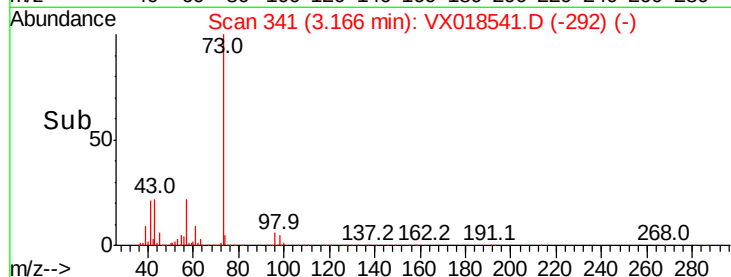
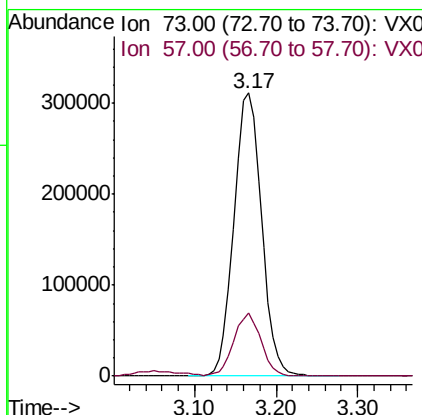
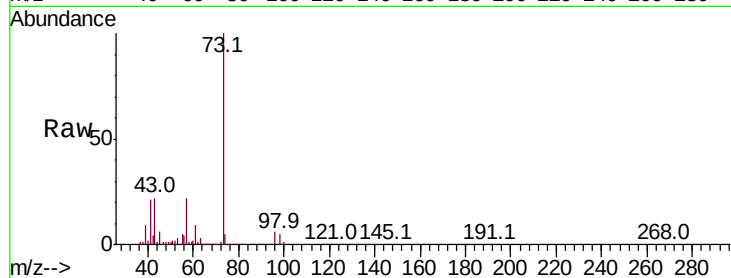




#19
Methyl tert-butyl Ether
Concen: 49.295 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

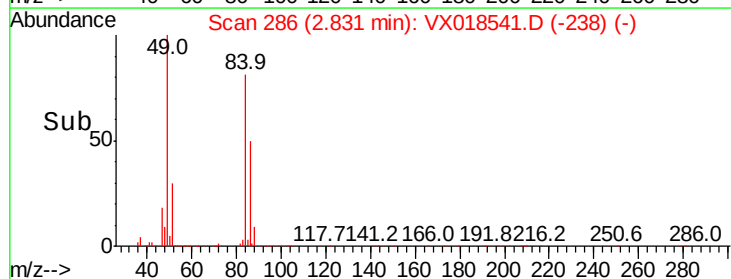
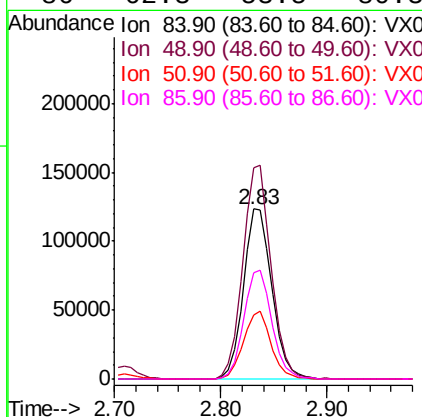
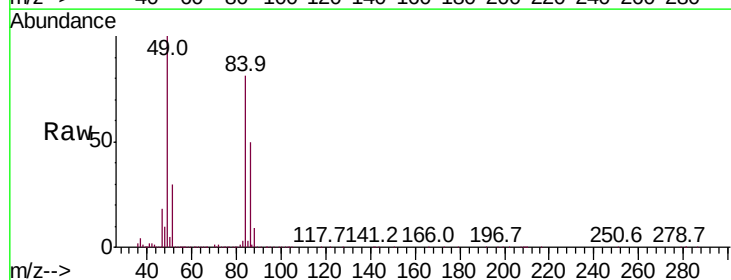
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

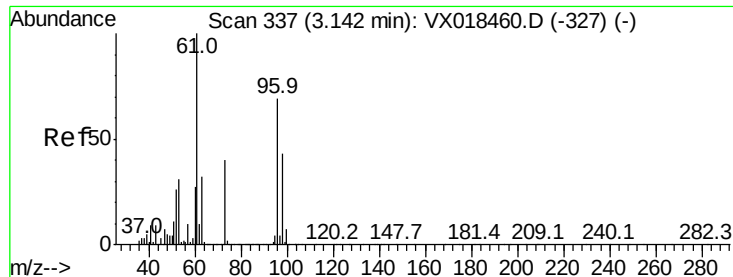
Tot Ion: 73 Resp: 728911
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0



#20
Methylene Chloride
Concen: 44.674 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion: 84 Resp: 231950
Ion Ratio Lower Upper
84 100
49 123.9 100.6 151.0
51 37.1 30.9 46.3
86 62.3 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 46.480 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

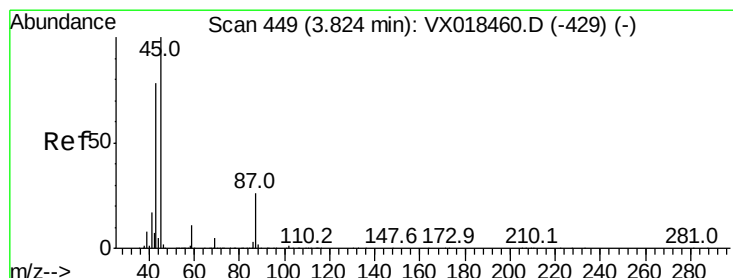
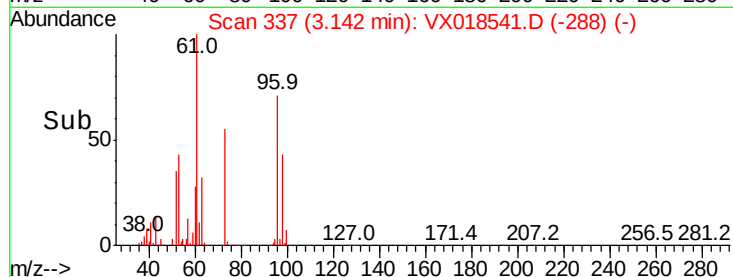
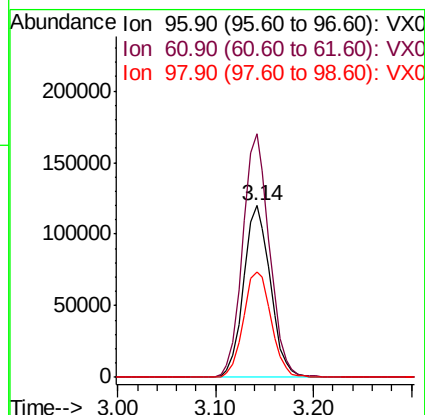
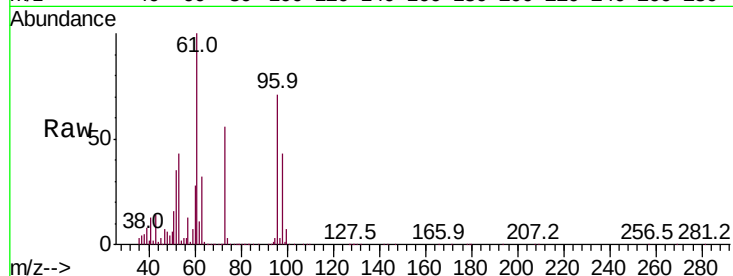
Tot Ion: 96 Resp: 227542

Ion Ratio Lower Upper

96 100

61 141.6 115.6 173.4

98 60.9 50.2 75.4



#22

Diisopropyl ether

Concen: 46.988 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion: 45 Resp: 720950

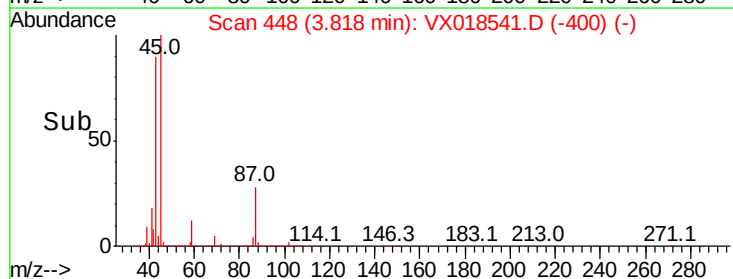
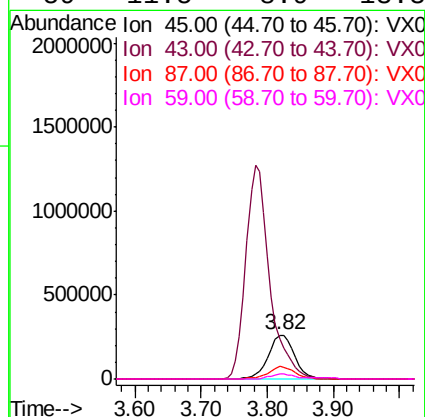
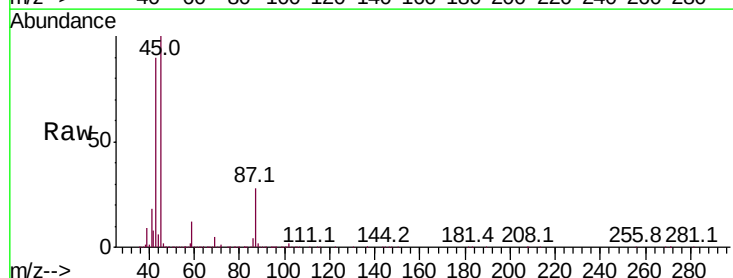
Ion Ratio Lower Upper

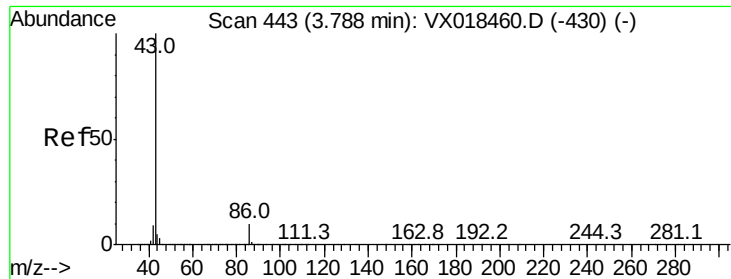
45 100

43 90.2 62.4 93.6

87 28.2 21.2 31.8

59 11.5 8.9 13.3





#23

Vinyl Acetate

Concen: 236.355 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

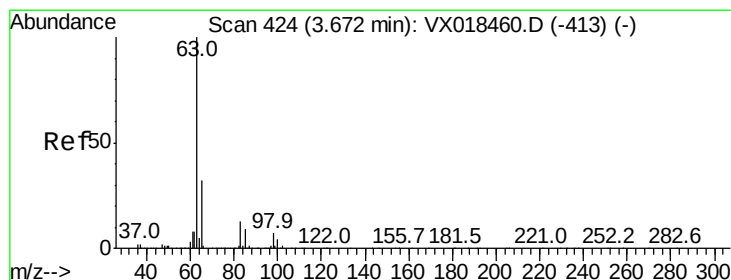
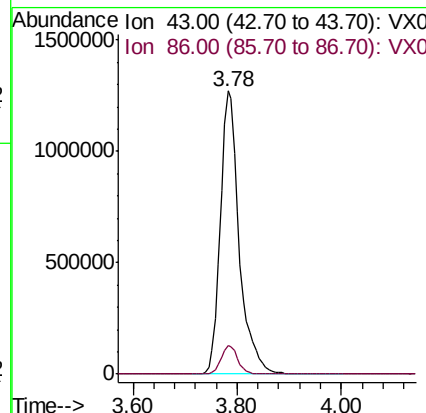
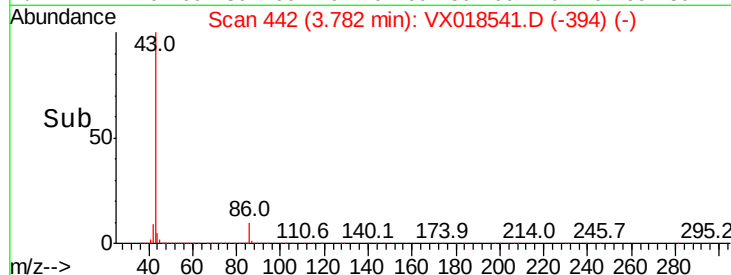
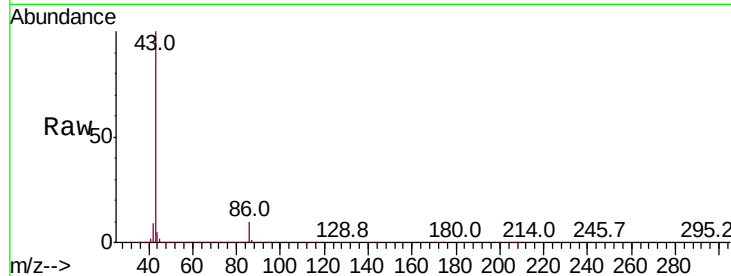
VSTDCCC050

Tot Ion: 43 Resp: 3213463

Ion Ratio Lower Upper

43 100

86 10.1 8.1 12.1



#24

1,1-Dichloroethane

Concen: 46.411 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

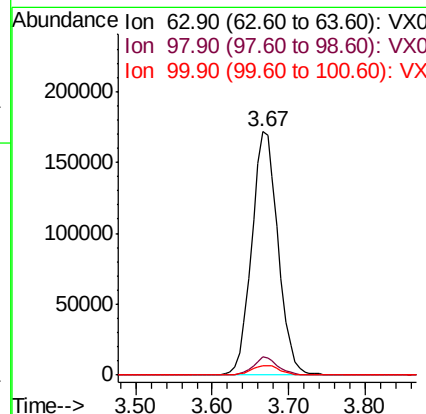
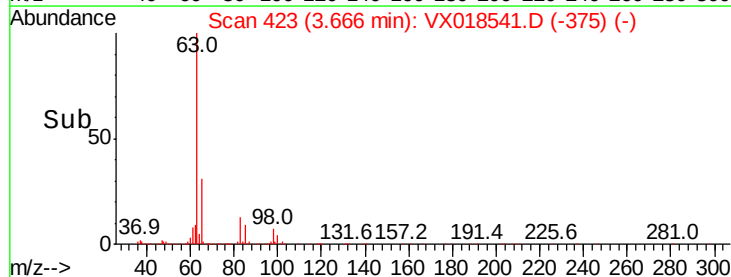
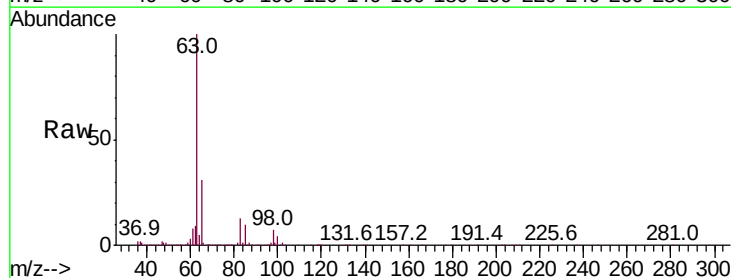
Tgt Ion: 63 Resp: 410670

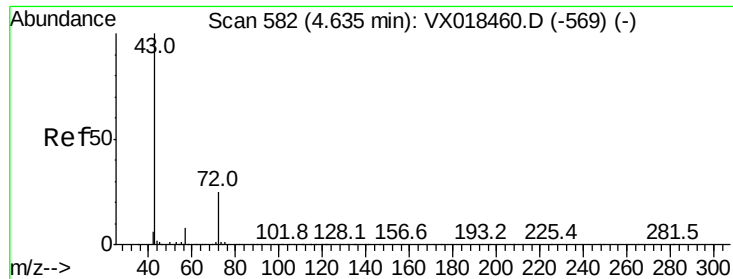
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 222.206 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

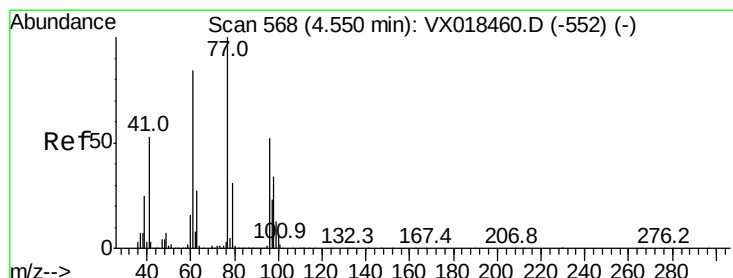
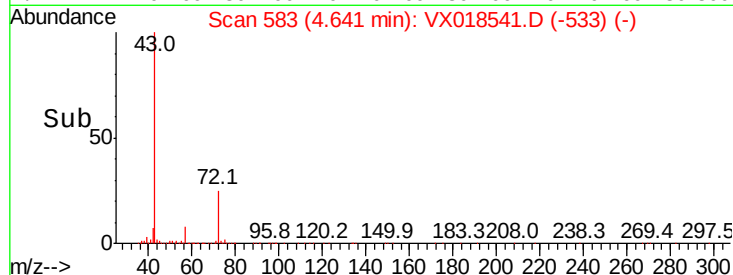
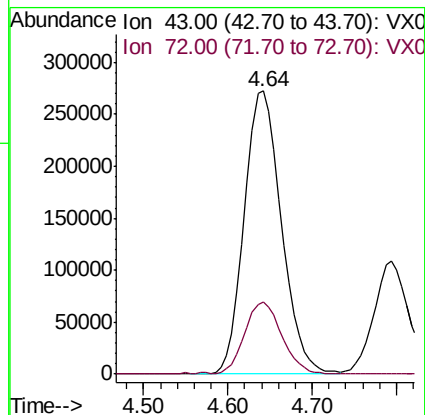
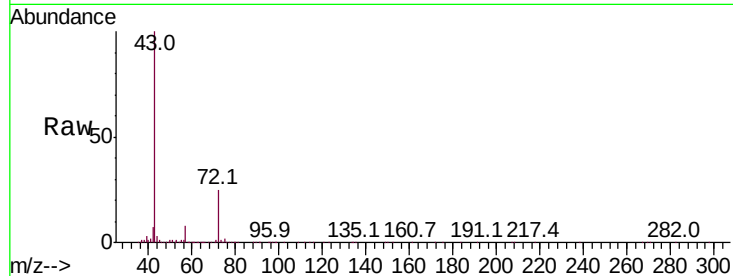
VSTDCCC050

Tot Ion: 43 Resp: 814279

Ion Ratio Lower Upper

43 100

72 25.1 20.2 30.4



#26

2,2-Dichloropropane

Concen: 49.398 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018541.D

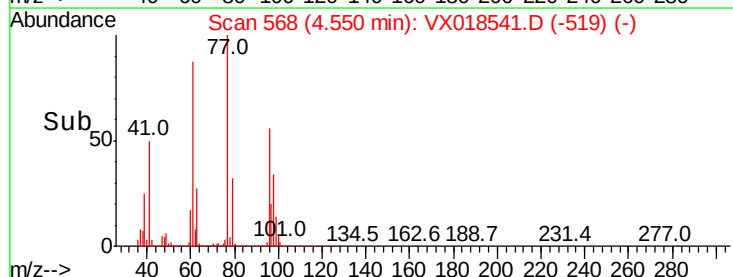
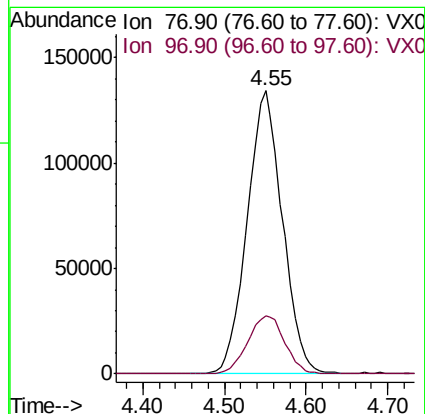
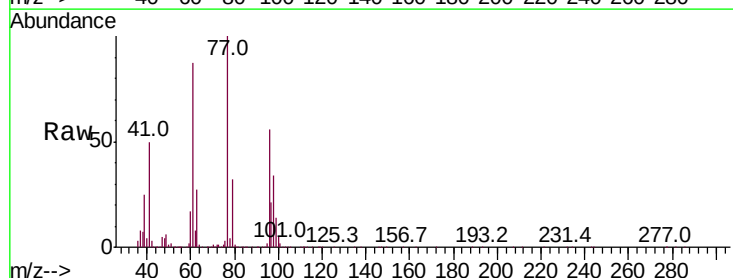
Acq: 23 Sep 2020 17:27

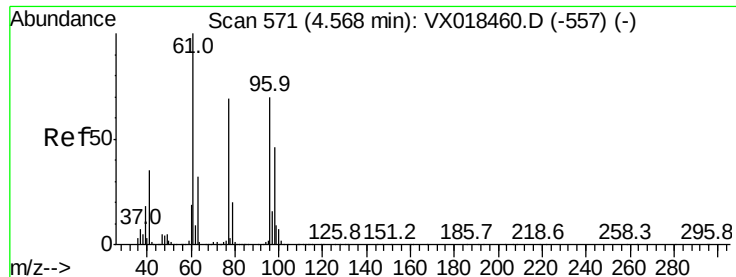
Tgt Ion: 77 Resp: 403862

Ion Ratio Lower Upper

77 100

97 21.6 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 46.046 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

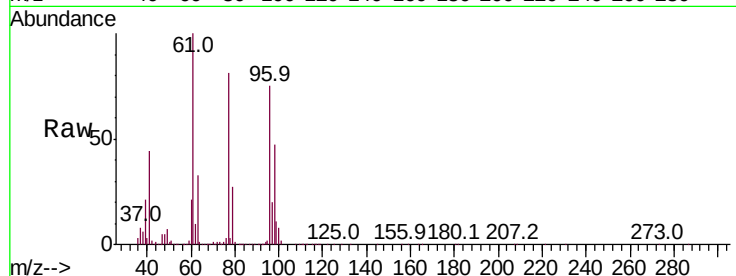
Tot Ion: 96 Resp: 252655

Ion Ratio Lower Upper

96 100

61 151.4 0.0 300.0

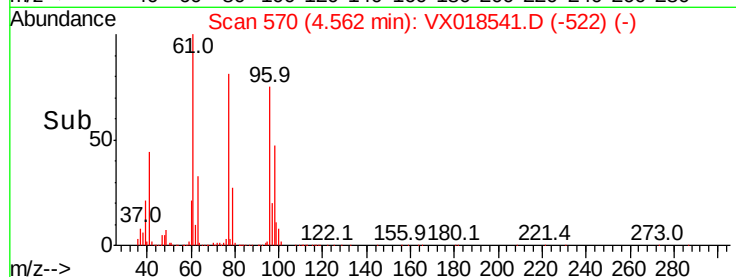
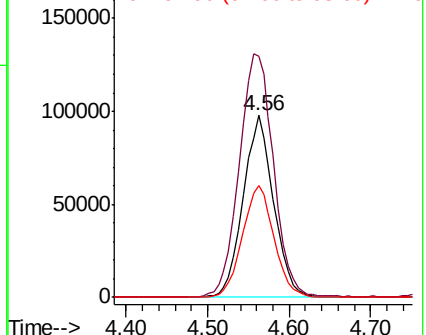
98 64.4 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 49.888 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

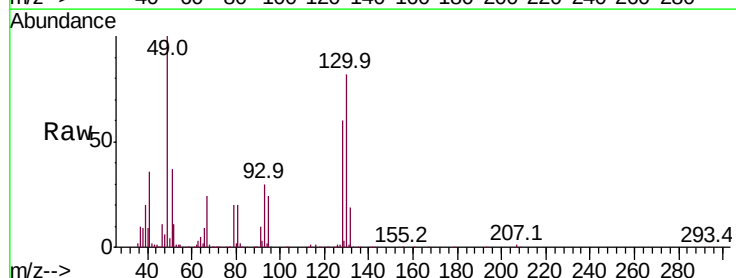
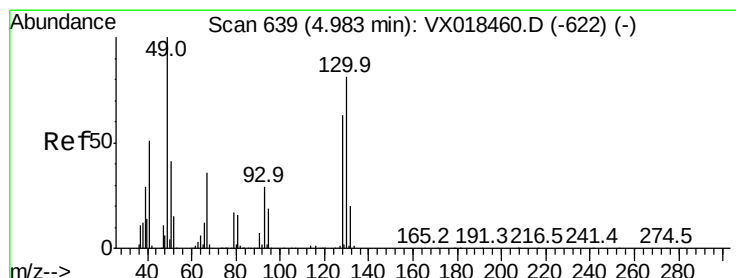
Tgt Ion: 49 Resp: 206568

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

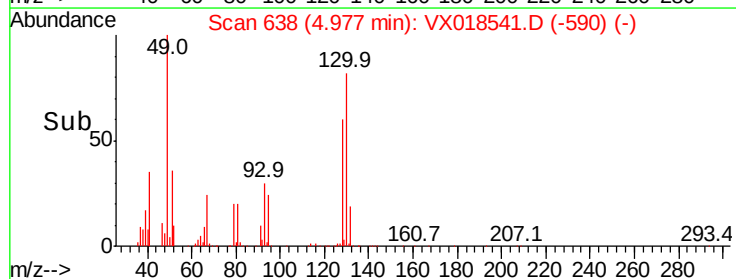
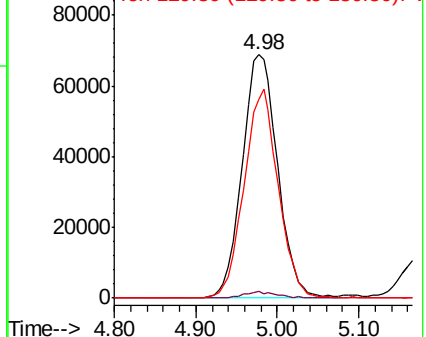
130 83.3 65.0 97.4

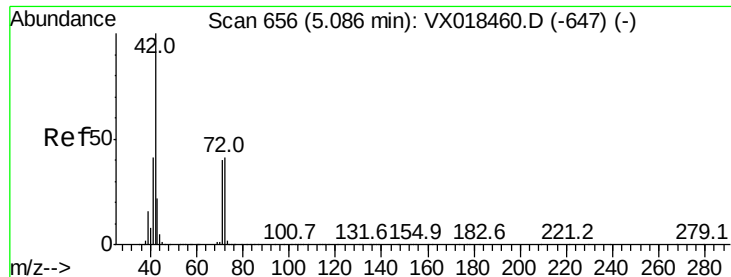


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 211.869 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

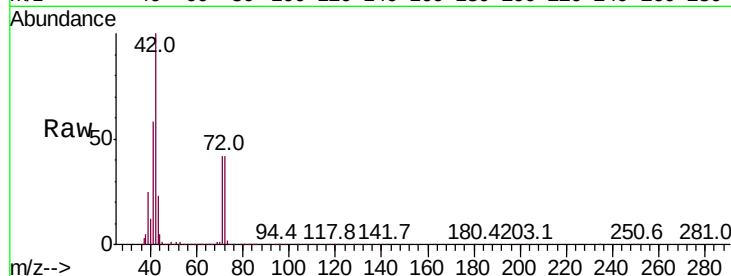
Tot Ion: 42 Resp: 489352

Ion Ratio Lower Upper

42 100

72 44.7 34.3 51.5

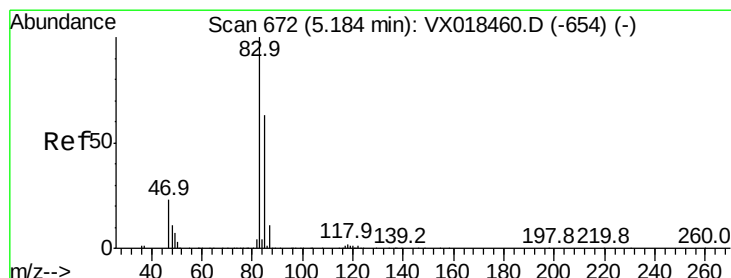
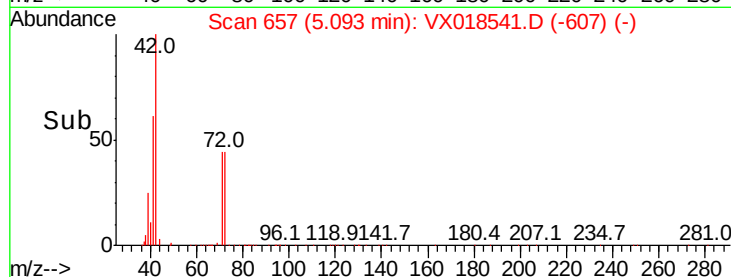
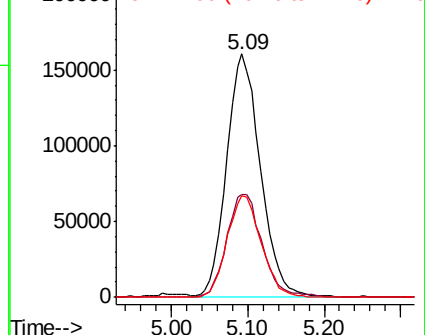
71 42.4 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.952 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018541.D

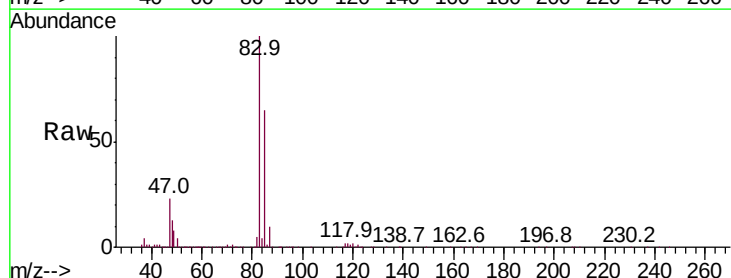
Acq: 23 Sep 2020 17:27

Tgt Ion: 83 Resp: 439492

Ion Ratio Lower Upper

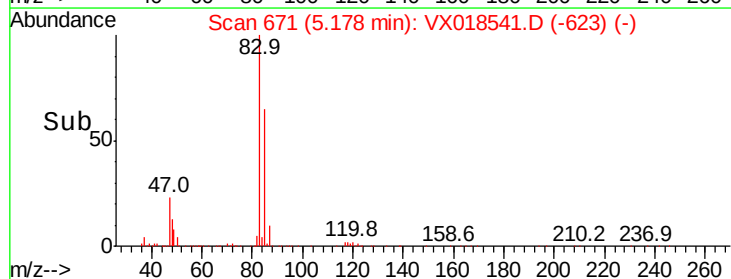
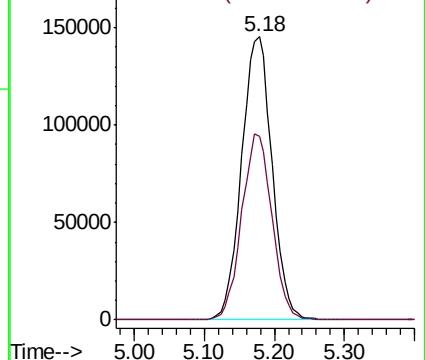
83 100

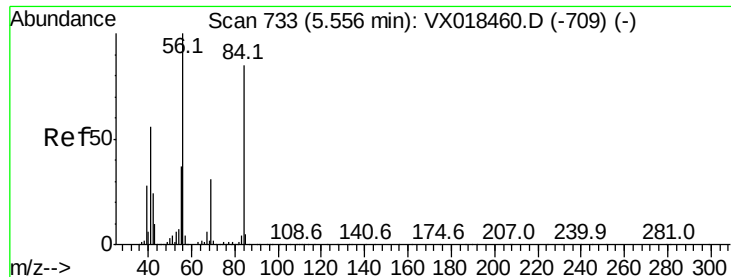
85 65.0 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

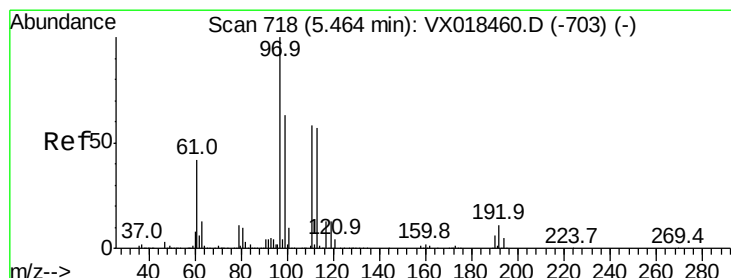
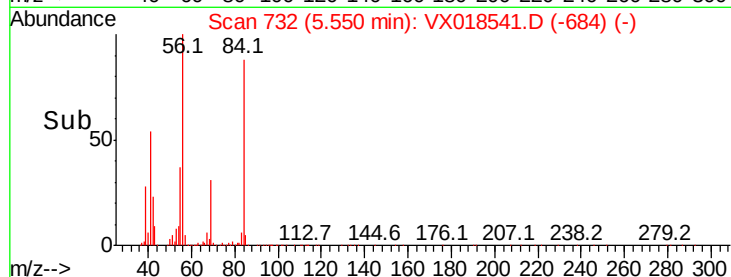
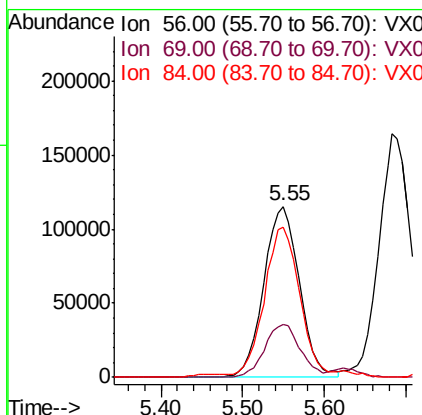
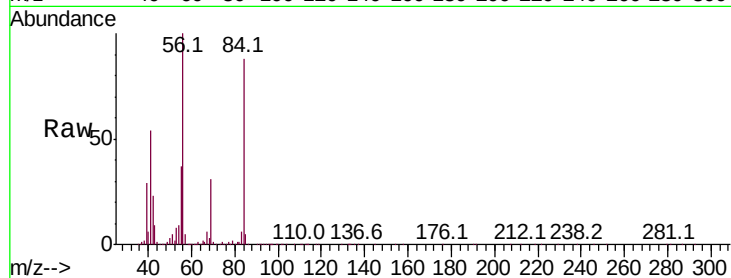




#31
Cyclohexane
Concen: 47.020 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

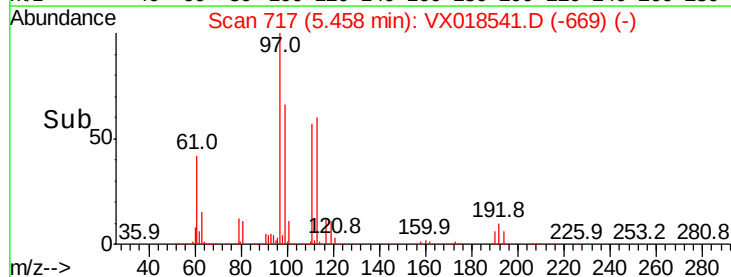
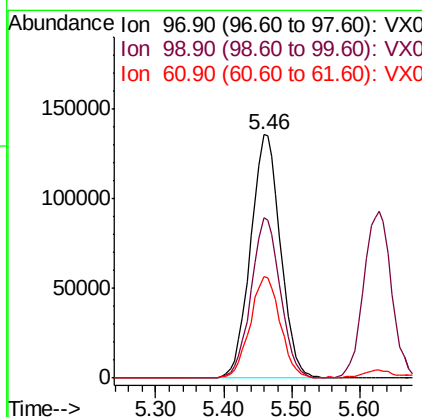
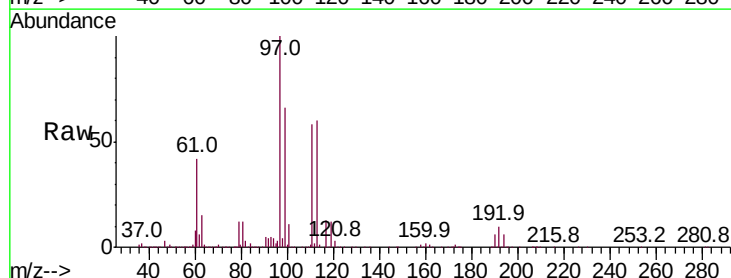
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

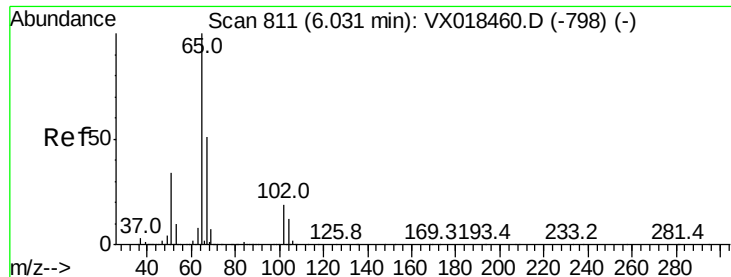
Tot Ion: 56 Resp: 350122
Ion Ratio Lower Upper
56 100
69 30.2 24.8 37.2
84 86.9 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 49.451 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion: 97 Resp: 416513
Ion Ratio Lower Upper
97 100
99 64.5 50.5 75.7
61 42.1 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 49.129 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

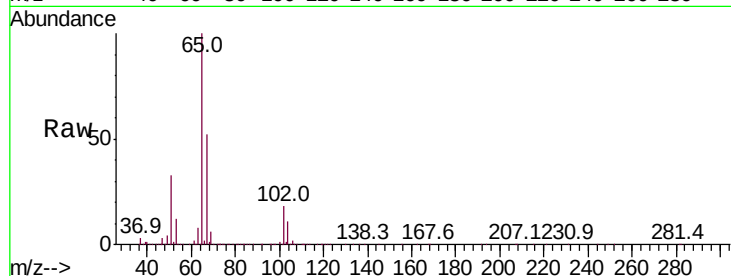
VSTDCCC050

Tot Ion: 65 Resp: 302293

Ion Ratio Lower Upper

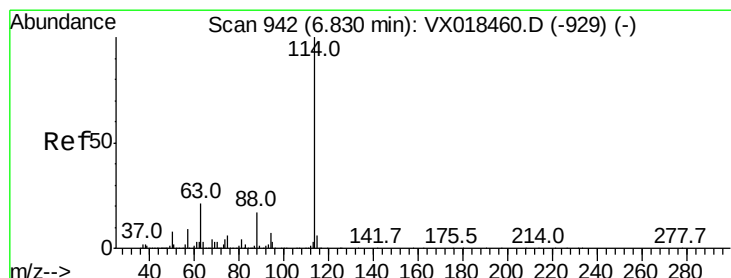
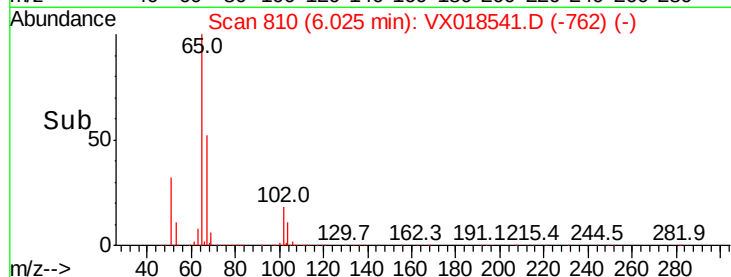
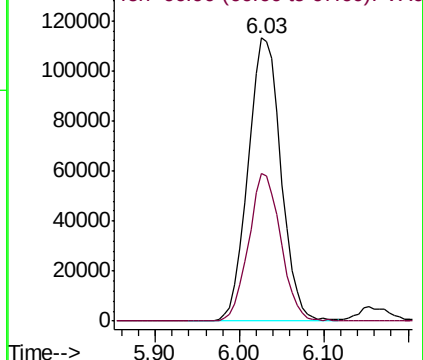
65 100

67 51.1 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

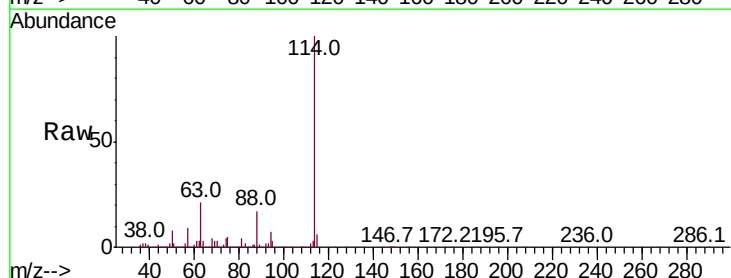
Tgt Ion: 114 Resp: 652708

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

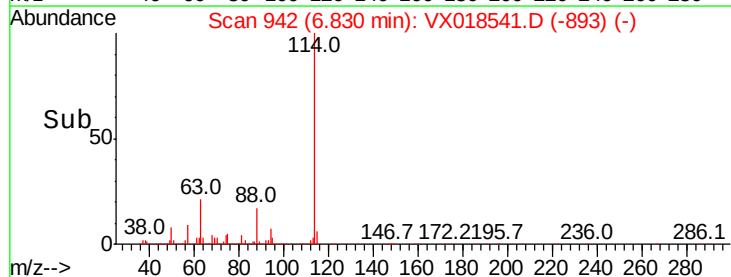
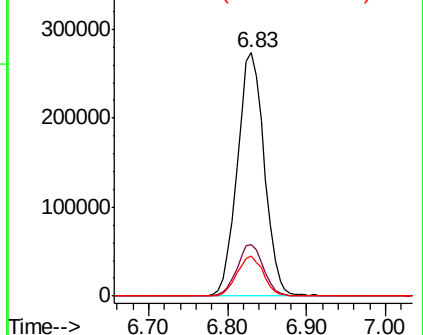
88 16.7 0.0 33.6

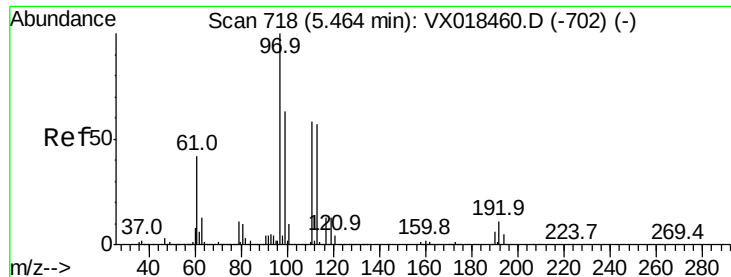


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.197 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

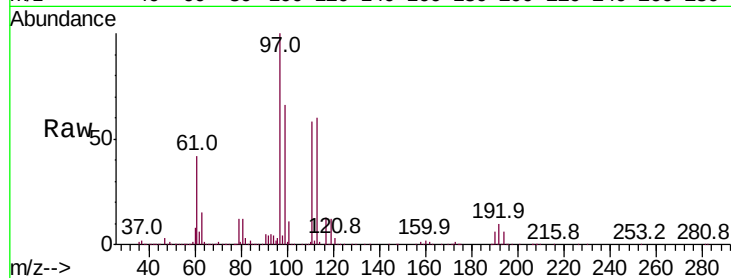
Tot Ion:113 Resp: 235527

Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.2

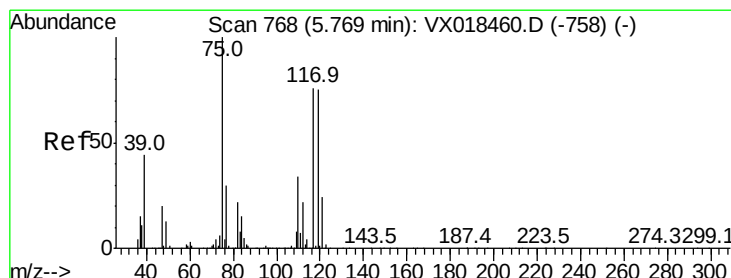
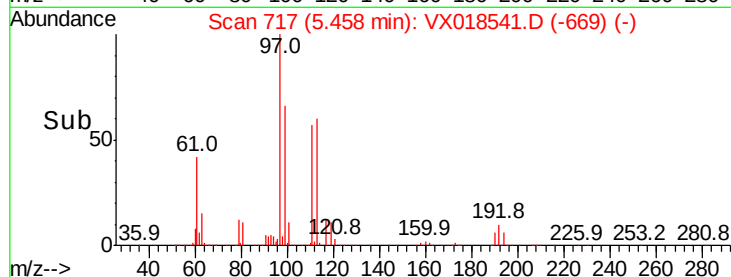
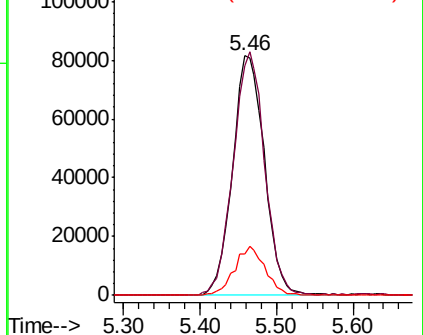
192 19.7 16.6 24.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.132 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

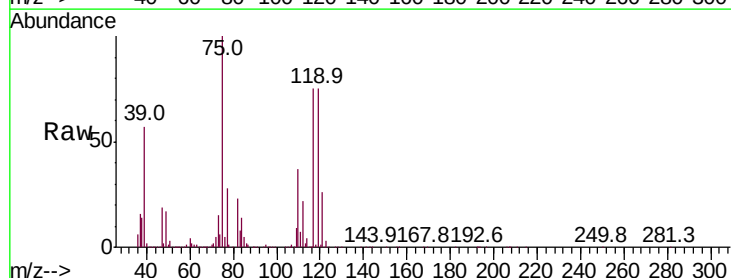
Tgt Ion: 75 Resp: 330266

Ion Ratio Lower Upper

75 100

110 35.5 17.6 52.8

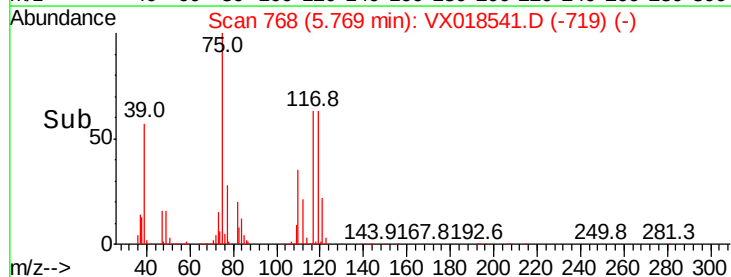
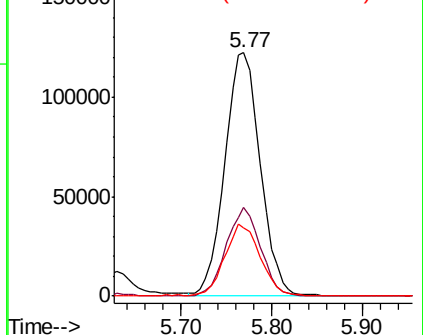
77 29.6 25.0 37.6

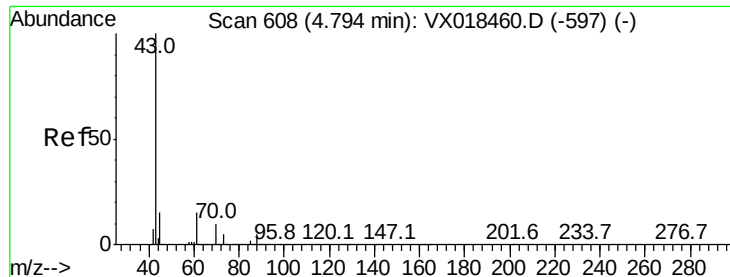


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

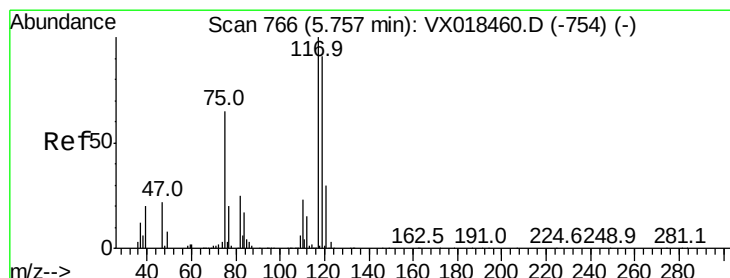
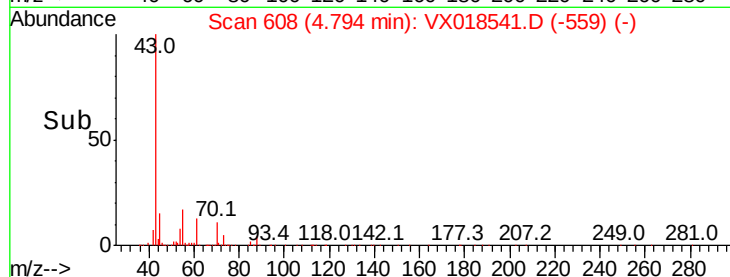
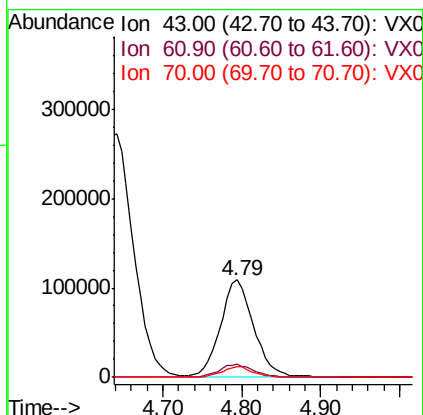
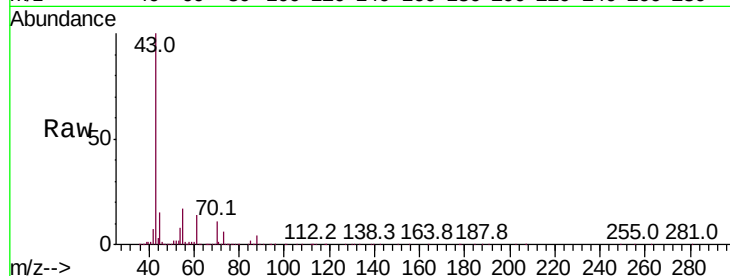




#37
Ethyl Acetate
Concen: 46.733 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

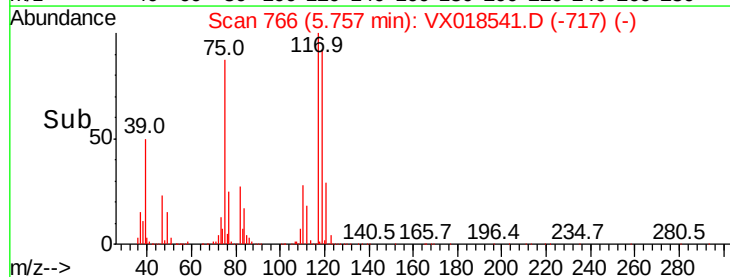
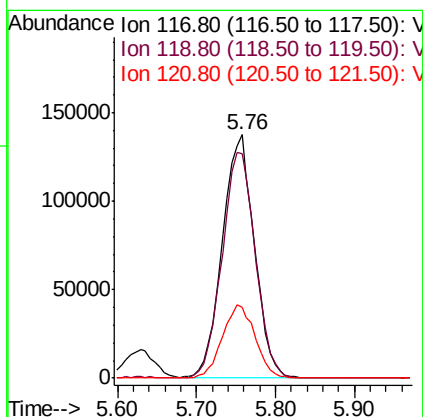
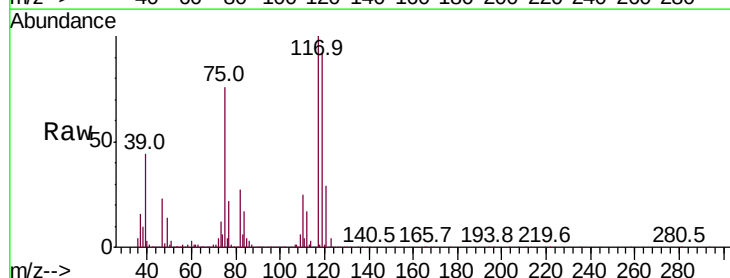
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

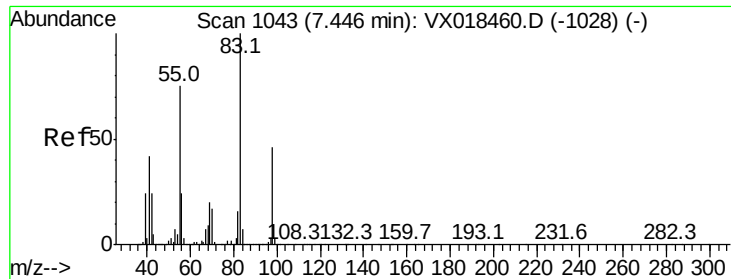
Tot Ion: 43 Resp: 316152
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 10.6 8.3 12.5



#38
Carbon Tetrachloride
Concen: 55.383 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion: 117 Resp: 388581
Ion Ratio Lower Upper
117 100
119 92.1 72.3 108.5
121 29.0 23.8 35.8

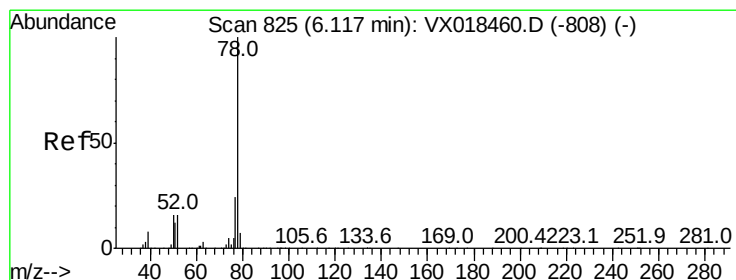
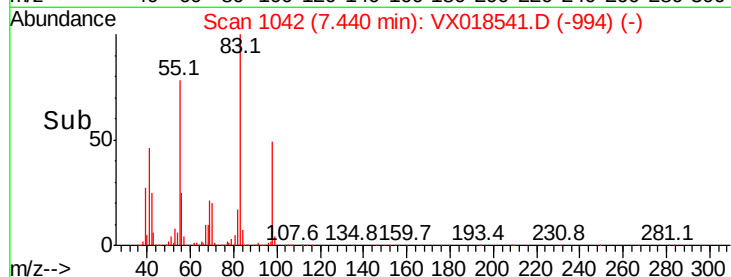
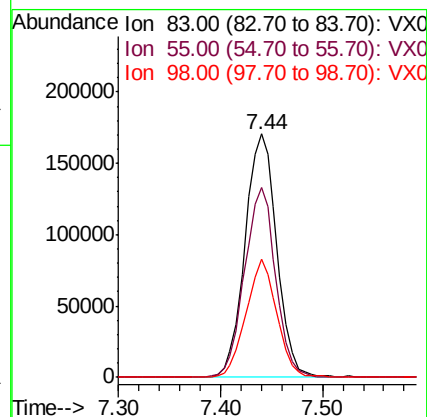
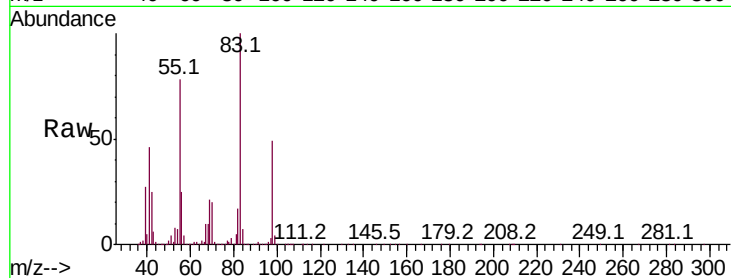




#39
Methylvlcyclohexane
Concen: 51.797 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

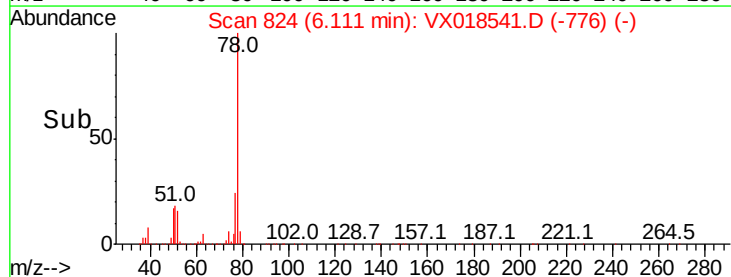
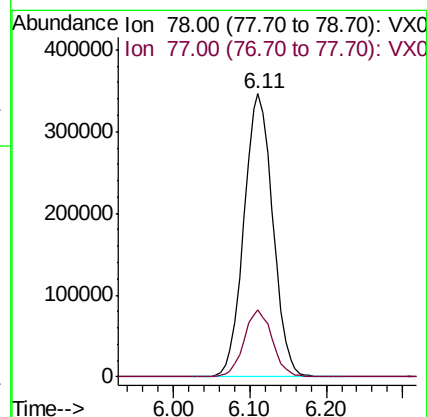
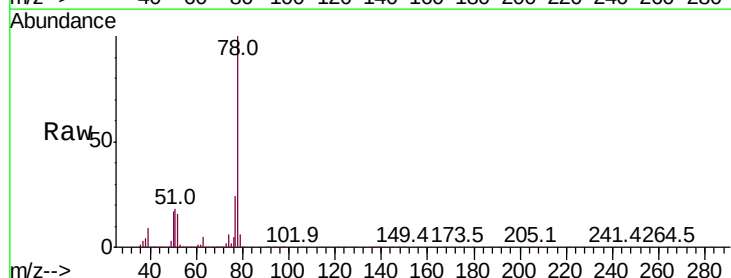
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

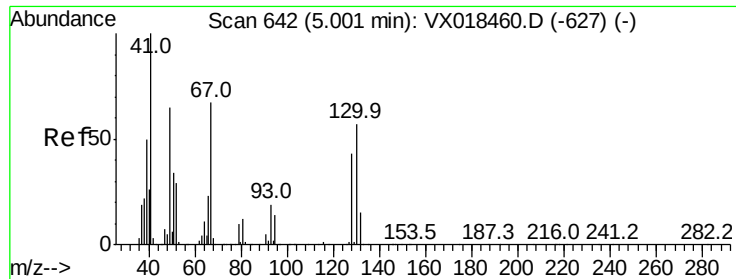
Tot Ion: 83 Resp: 368659
Ion Ratio Lower Upper
83 100
55 77.9 60.2 90.4
98 48.7 36.4 54.6



#40
Benzene
Concen: 49.933 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion: 78 Resp: 906576
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41

Methacrylonitrile

Concen: 46.661 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 175403

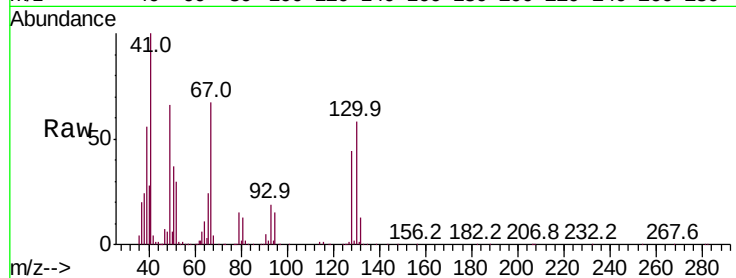
Ion Ratio Lower Upper

41 100

39 55.2 45.3 67.9

67 69.5 56.7 85.1

52 29.6 23.4 35.0

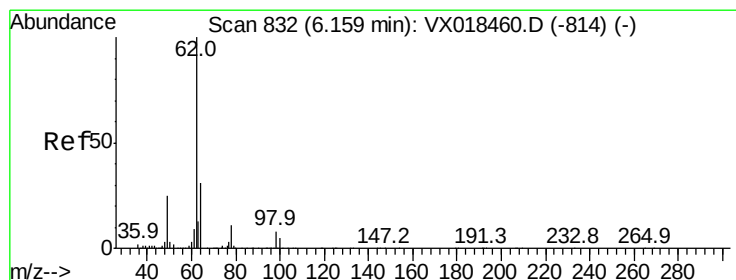
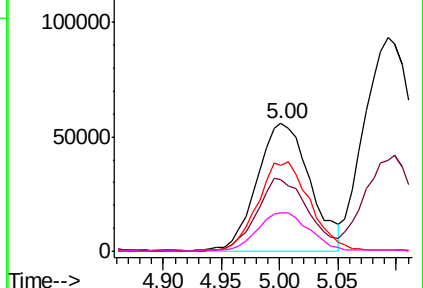
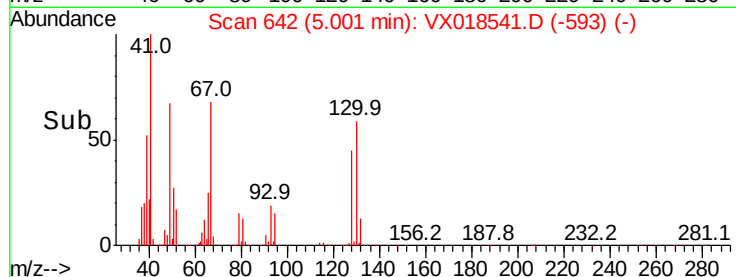


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.112 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX018541.D

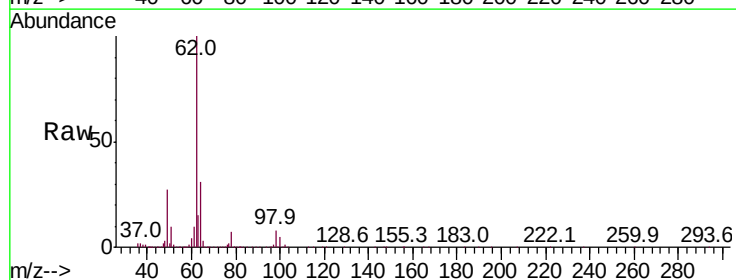
Acq: 23 Sep 2020 17:27

Tgt Ion: 62 Resp: 368078

Ion Ratio Lower Upper

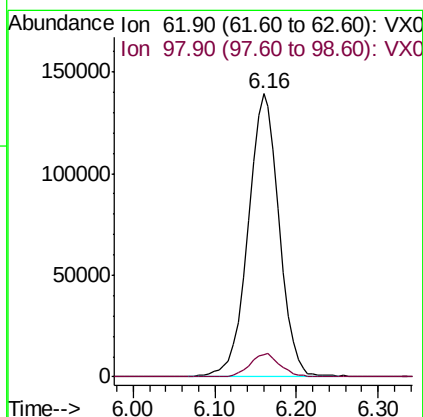
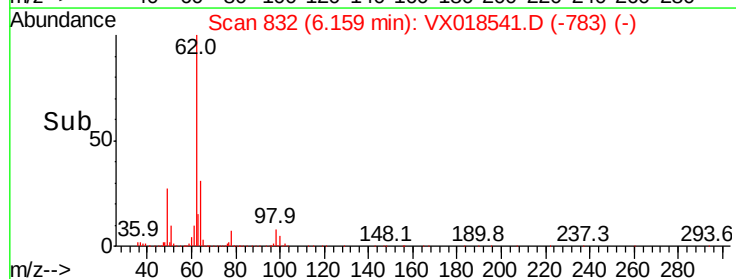
62 100

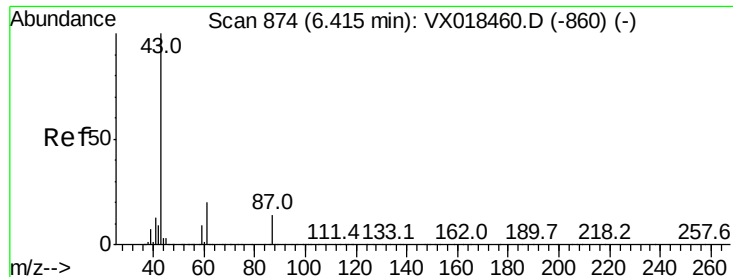
98 8.1 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.437 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

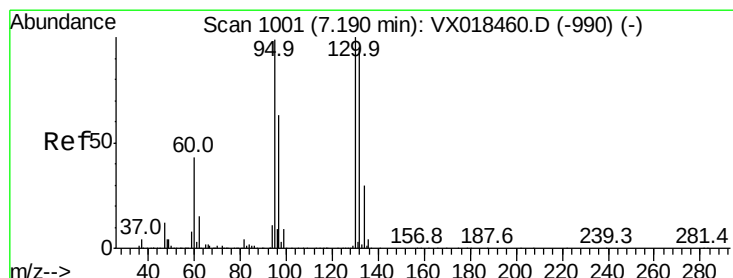
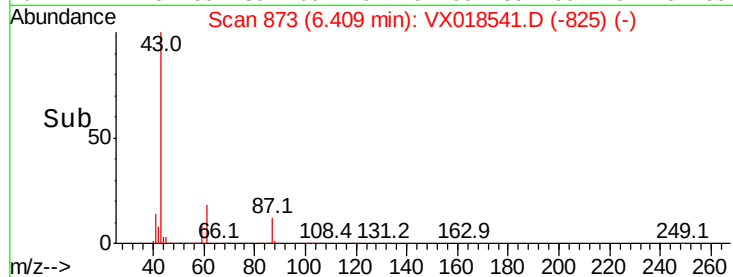
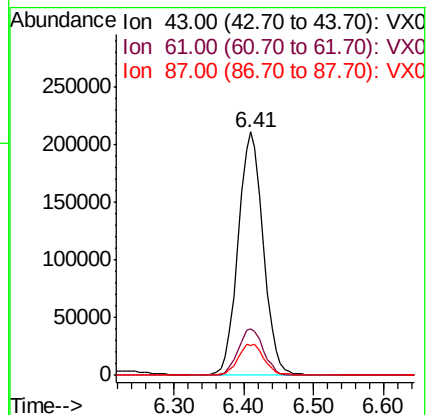
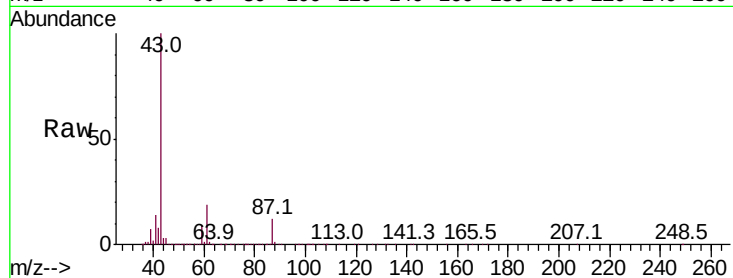
Tot Ion: 43 Resp: 521312

Ion Ratio Lower Upper

43 100

61 19.5 15.7 23.5

87 13.4 10.4 15.6



#44

Trichloroethene

Concen: 50.084 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018541.D

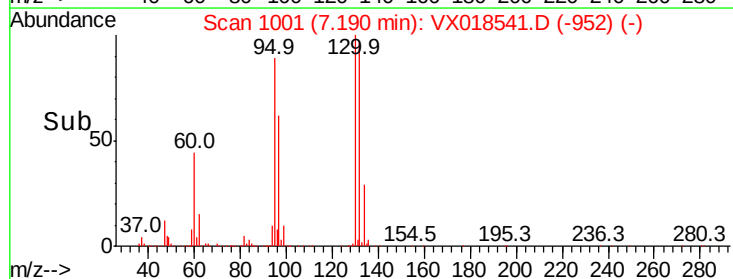
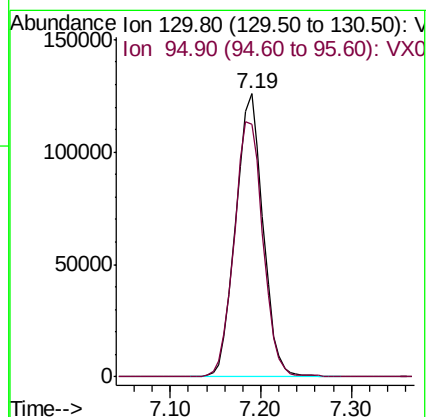
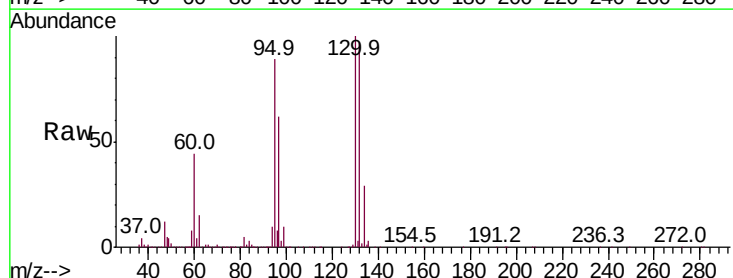
Acq: 23 Sep 2020 17:27

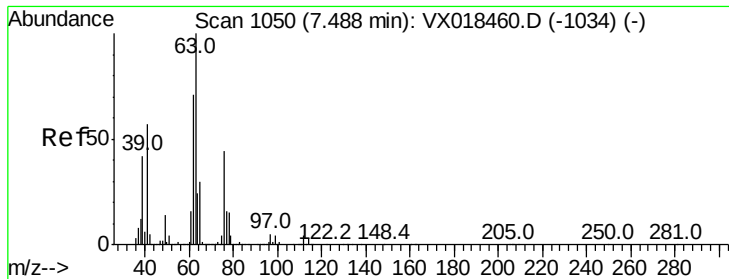
Tgt Ion:130 Resp: 263237

Ion Ratio Lower Upper

130 100

95 89.2 0.0 197.4





#45

1,2-Dichloropropane

Concen: 47.536 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

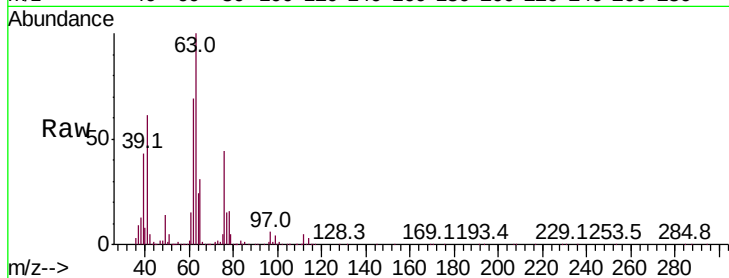
VSTDCCC050

Tot Ion: 63 Resp: 236884

Ion Ratio Lower Upper

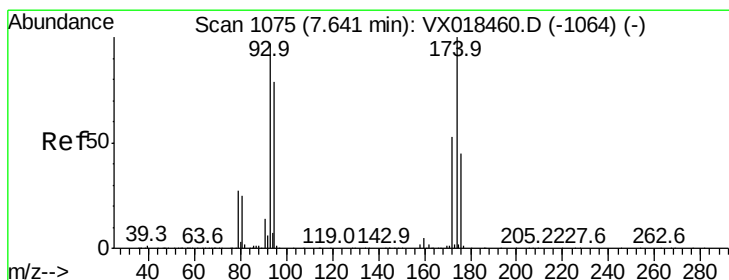
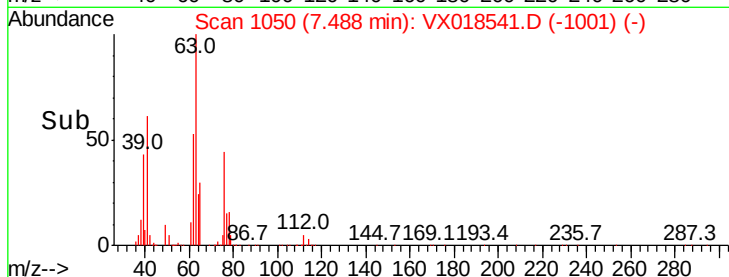
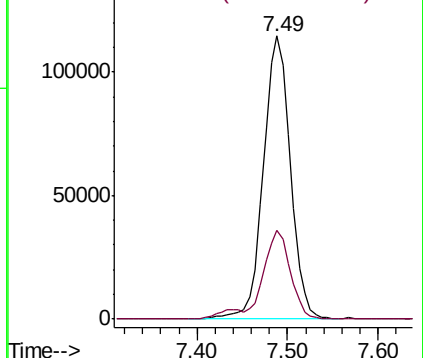
63 100

65 31.1 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.739 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

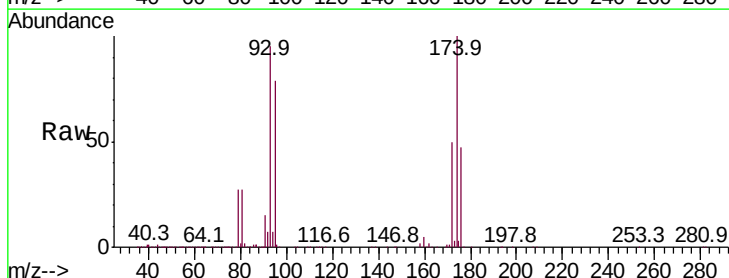
Tgt Ion: 93 Resp: 170290

Ion Ratio Lower Upper

93 100

95 82.8 65.0 97.4

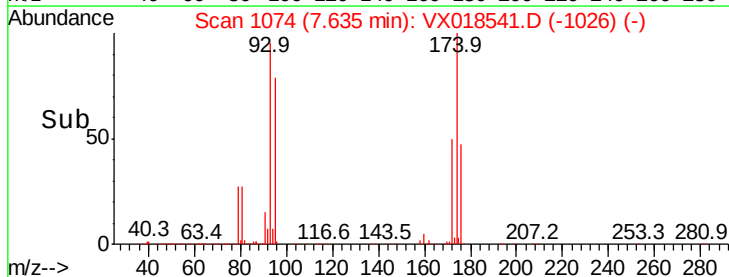
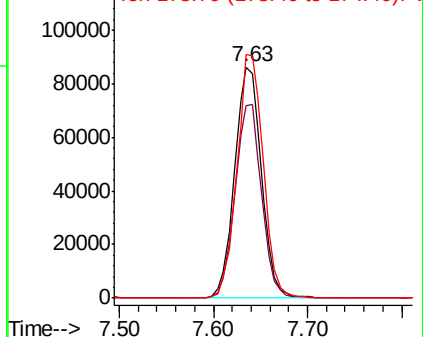
174 103.1 82.0 123.0

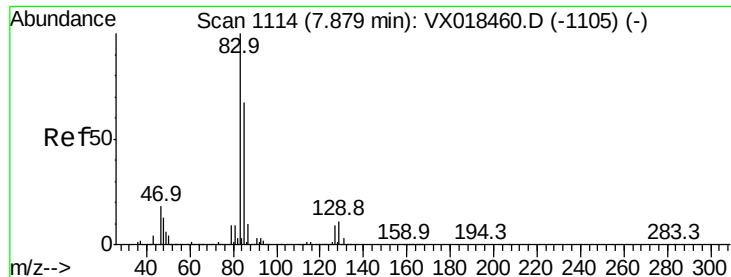


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.455 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

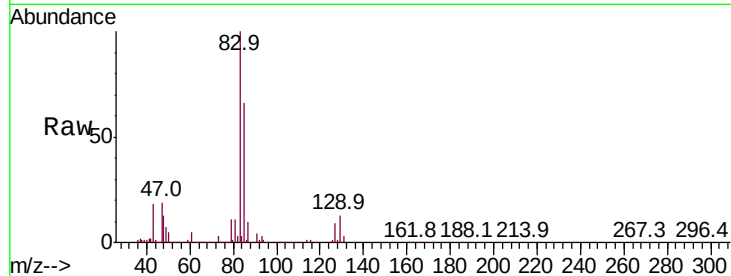
Tot Ion: 83 Resp: 355037

Ion Ratio Lower Upper

83 100

85 65.7 53.3 79.9

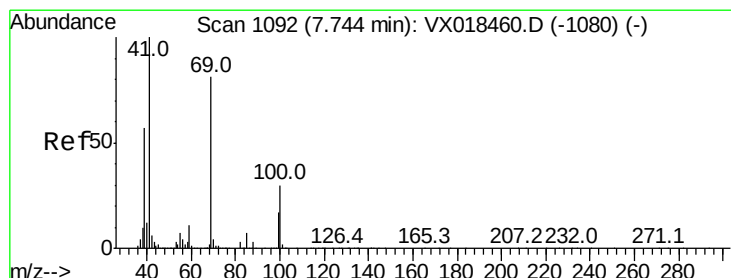
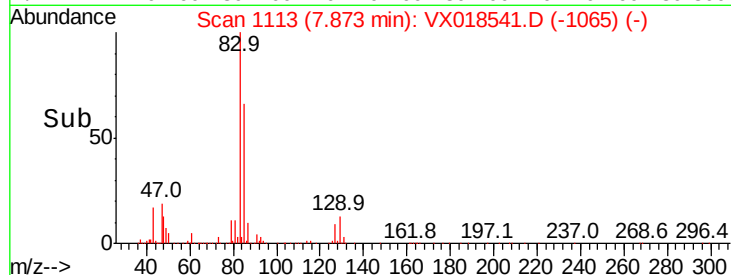
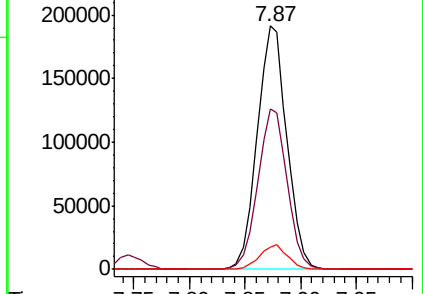
127 9.3 7.4 11.2



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: 46.975 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

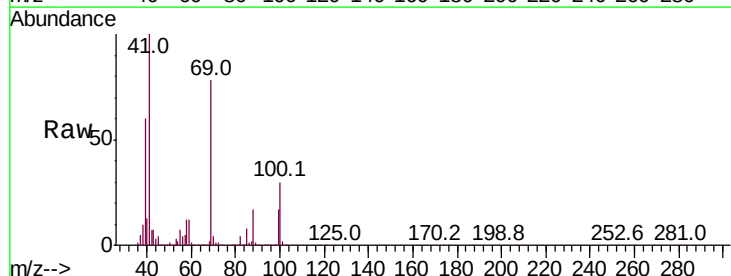
Tgt Ion: 41 Resp: 256680

Ion Ratio Lower Upper

41 100

69 81.8 63.7 95.5

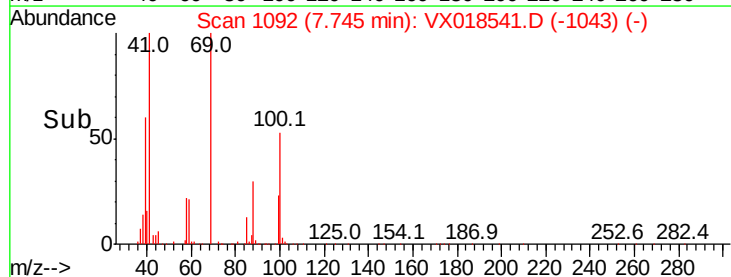
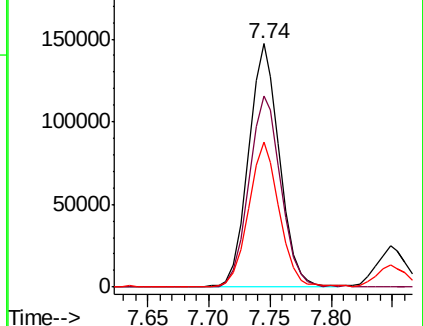
39 59.2 45.0 67.4

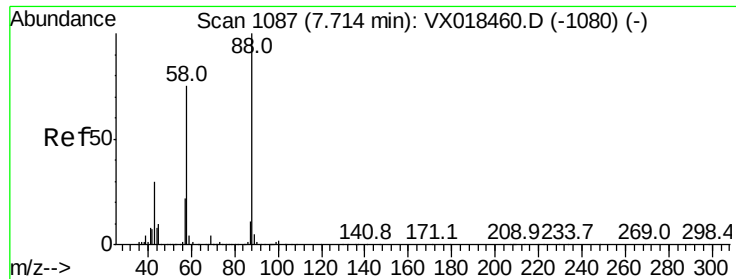


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1020.242 ug/l

RT: 7.76 min Scan# 1095

Delta R.T. 0.05 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

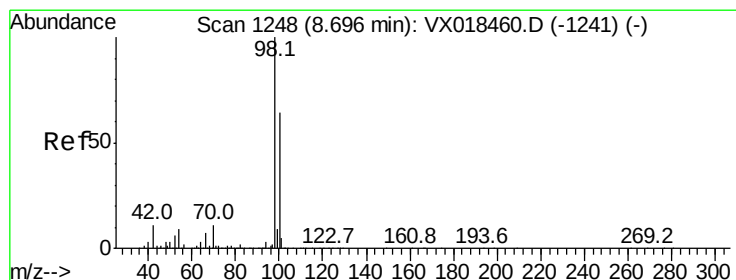
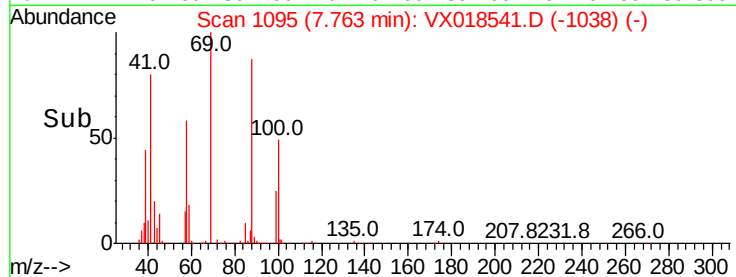
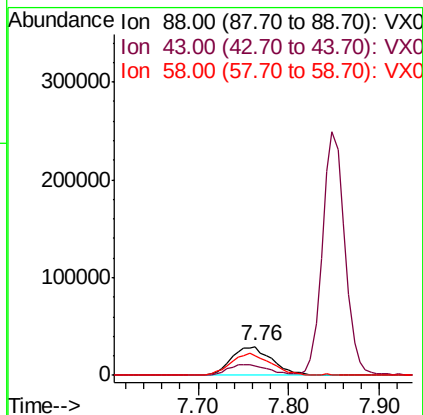
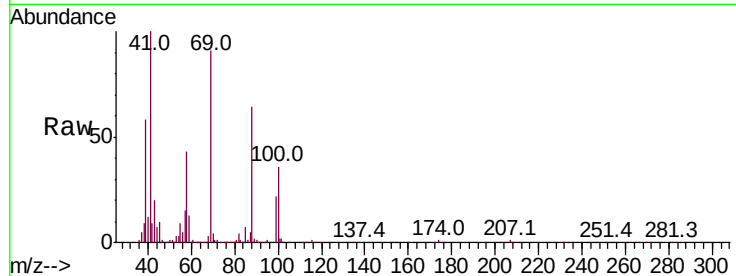
Tot Ion: 88 Resp: 92115

Ion Ratio Lower Upper

88 100

43 37.5 29.9 44.9

58 73.0 59.0 88.6



#50

Toluene-d8

Concen: 51.341 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018541.D

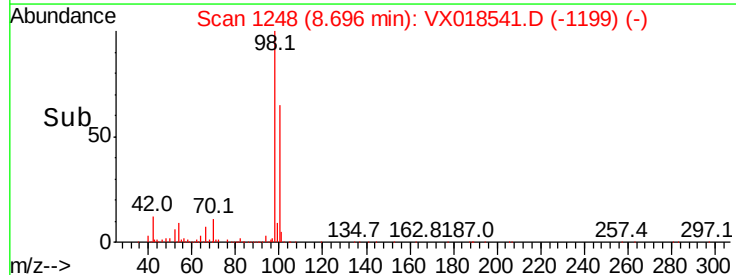
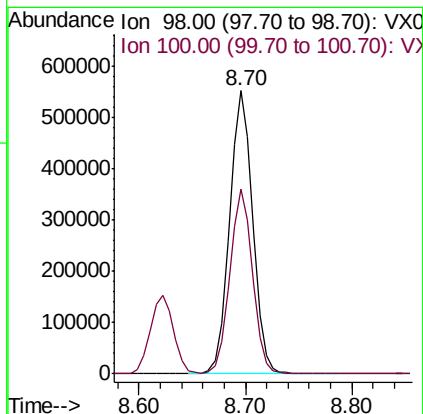
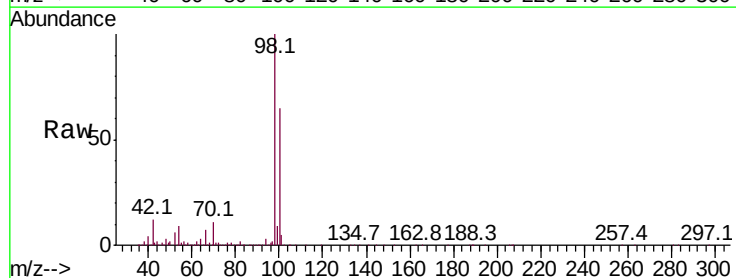
Acq: 23 Sep 2020 17:27

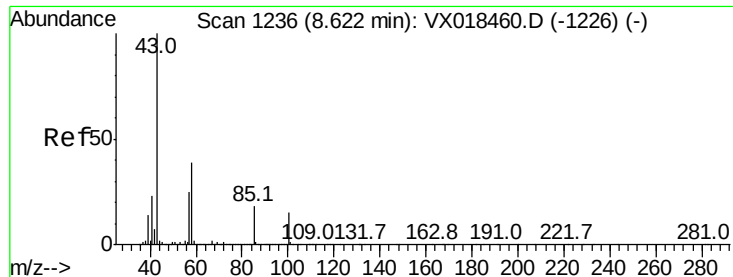
Tgt Ion: 98 Resp: 841717

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5

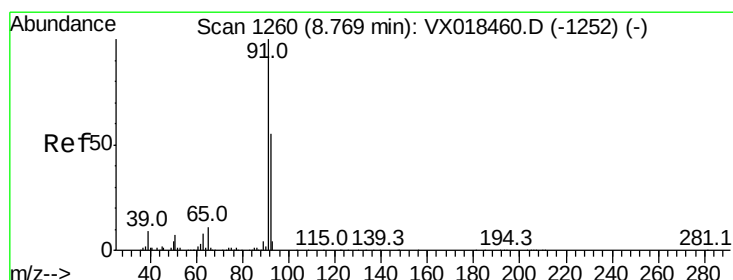
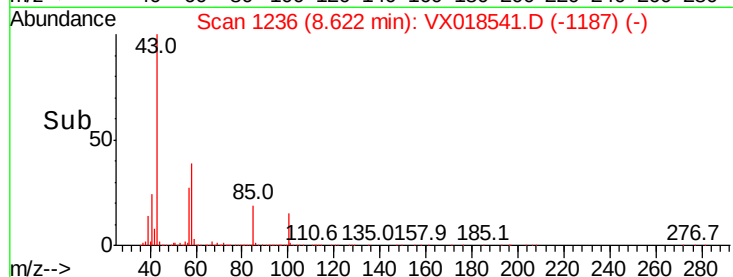
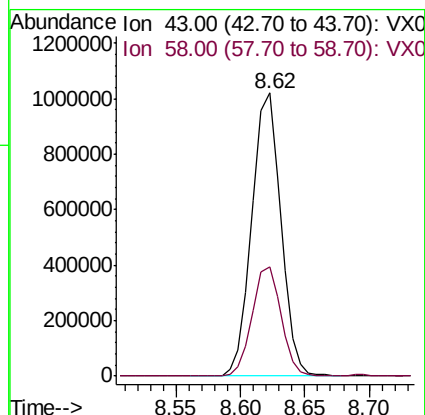
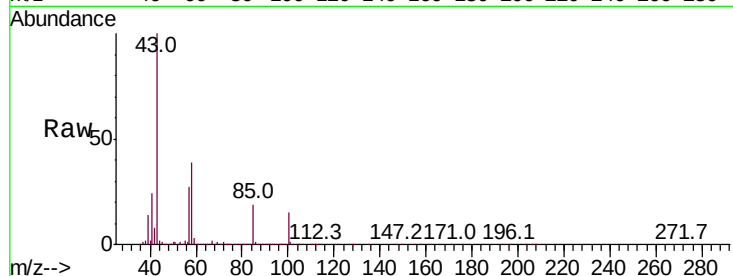




#51
4-Methyl-2-Pentanone
Concen: 237.454 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

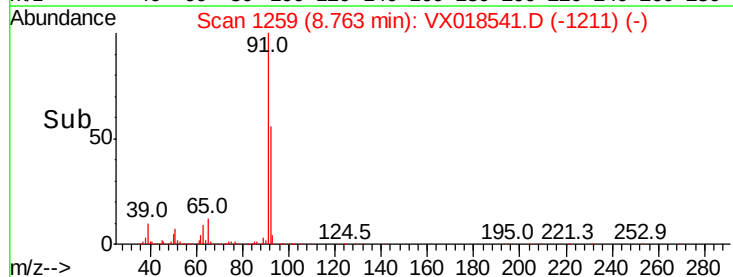
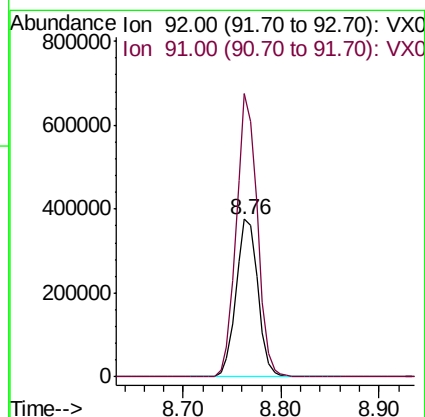
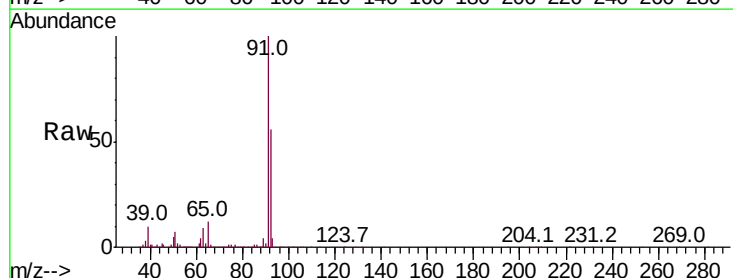
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

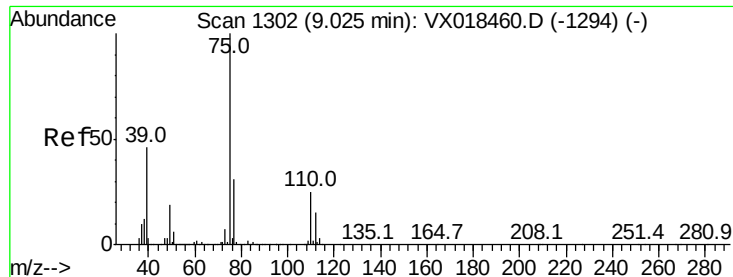
Tot Ion: 43 Resp: 1587206
Ion Ratio Lower Upper
43 100
58 38.4 30.9 46.3



#52
Toluene
Concen: 50.909 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion: 92 Resp: 581631
Ion Ratio Lower Upper
92 100
91 173.1 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 50.419 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

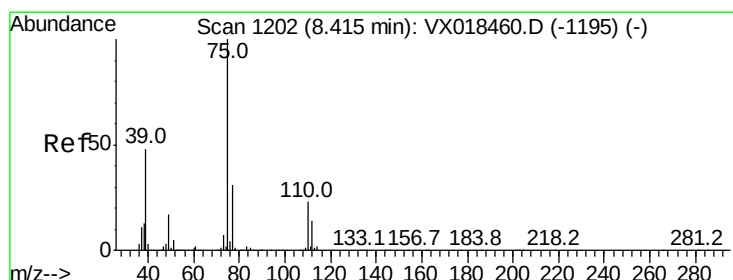
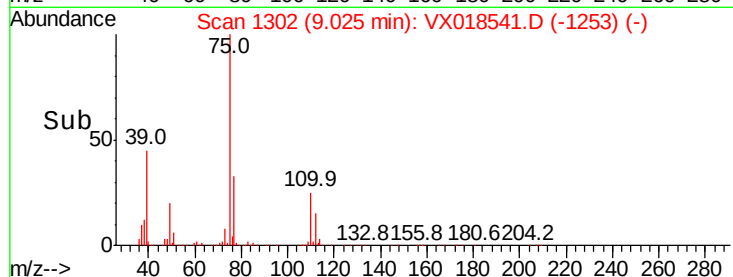
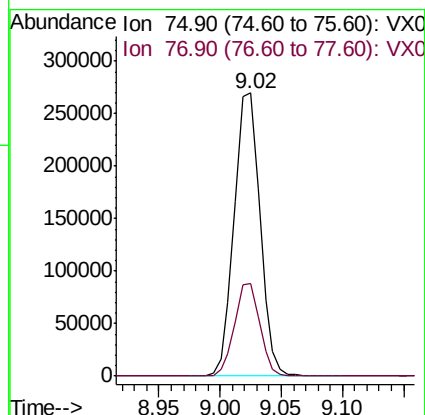
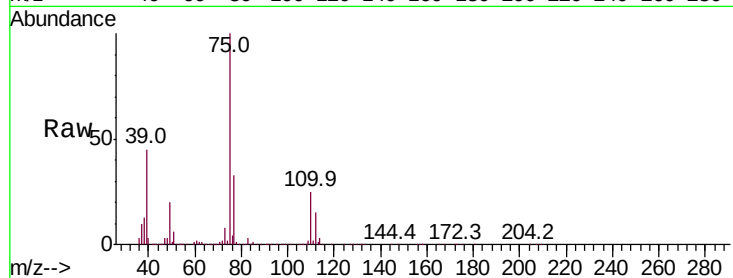
VSTDCCC050

Tot Ion: 75 Resp: 395298

Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 50.740 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

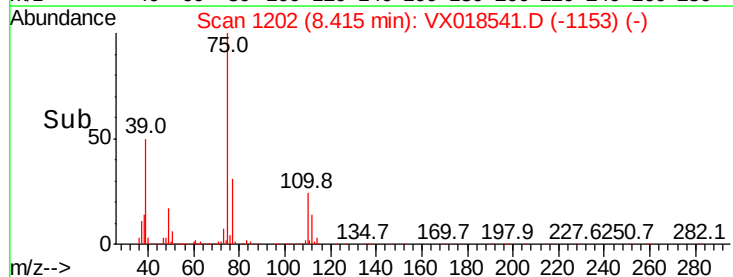
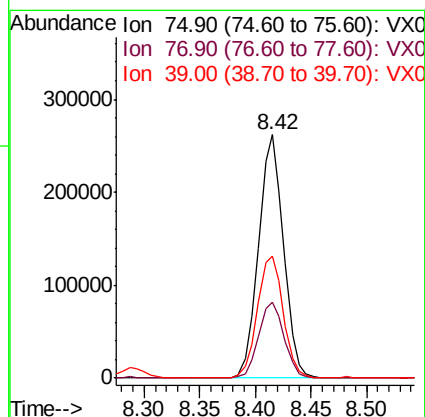
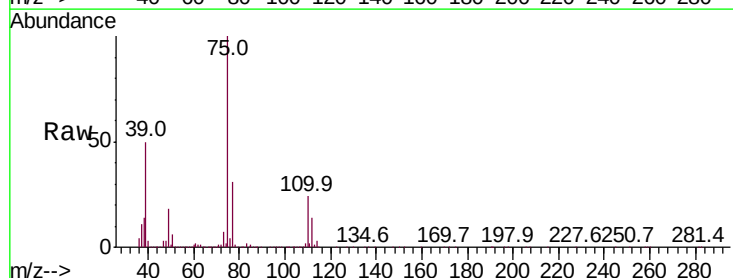
Tgt Ion: 75 Resp: 409825

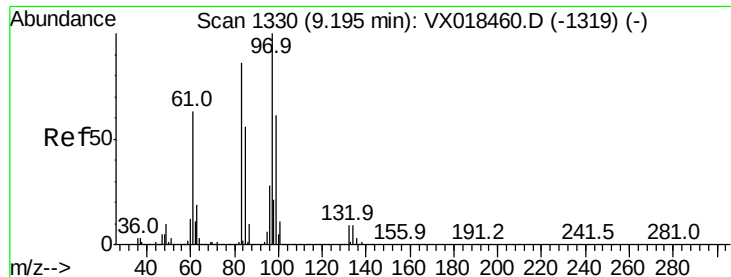
Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 49.8 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 49.961 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 236854

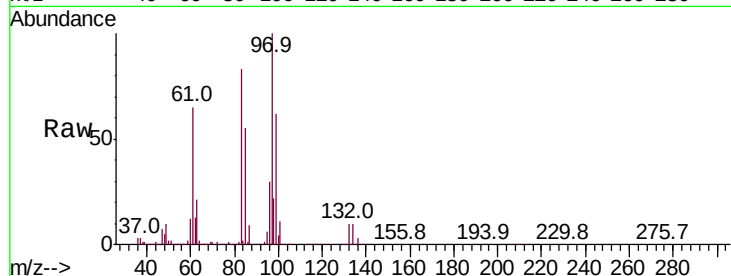
Ion Ratio Lower Upper

97 100

83 83.4 68.5 102.7

85 54.6 44.8 67.2

99 61.8 48.9 73.3

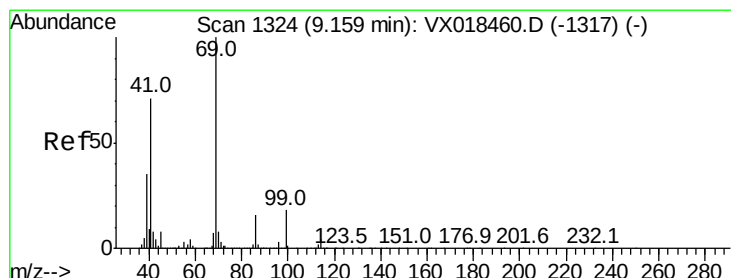
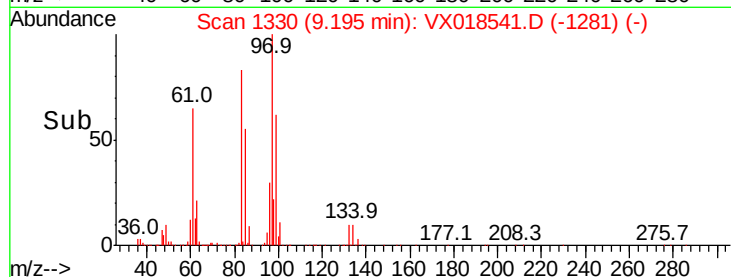
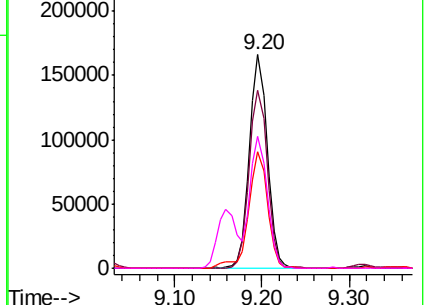


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.751 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

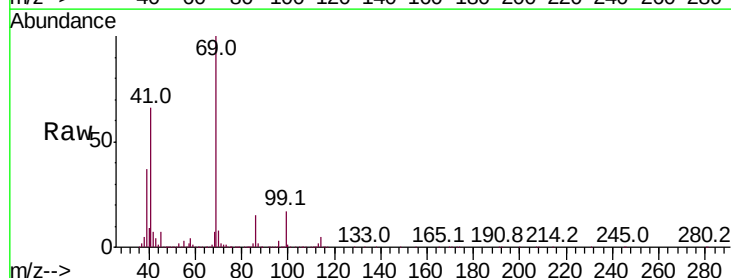
Tgt Ion: 69 Resp: 349723

Ion Ratio Lower Upper

69 100

41 67.6 54.6 81.8

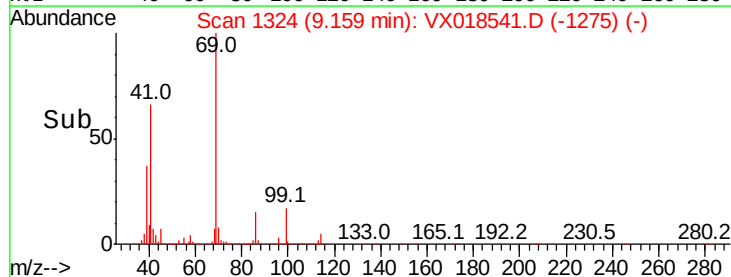
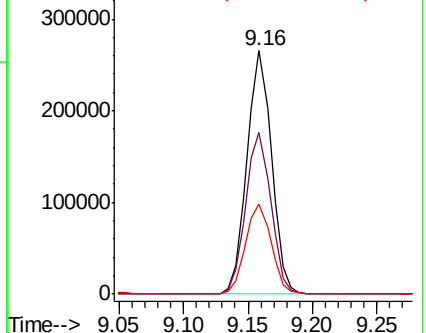
39 38.4 29.3 43.9

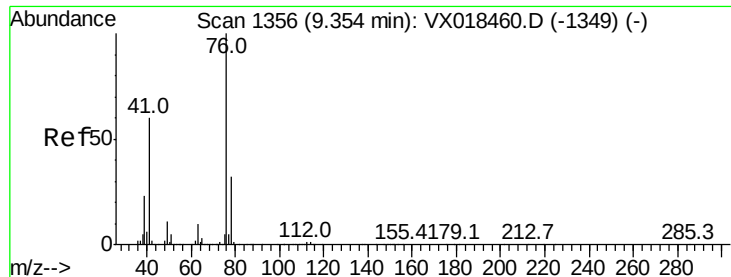


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.234 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

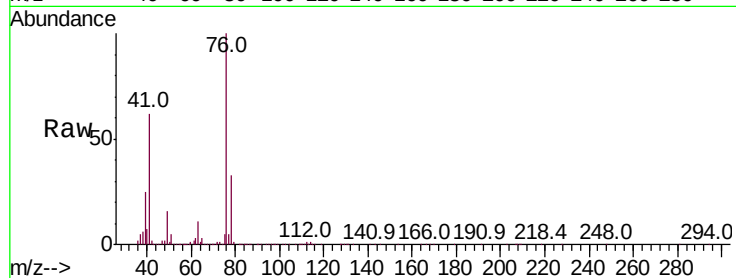
VSTDCCC050

Tot Ion: 76 Resp: 392150

Ion Ratio Lower Upper

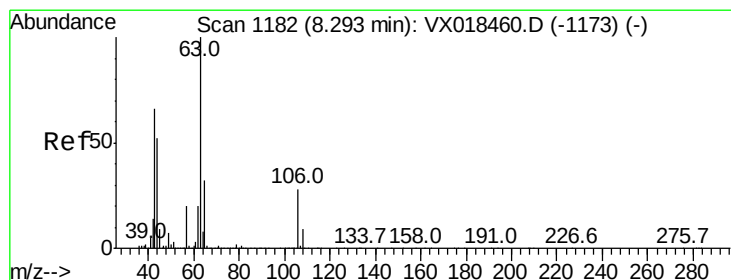
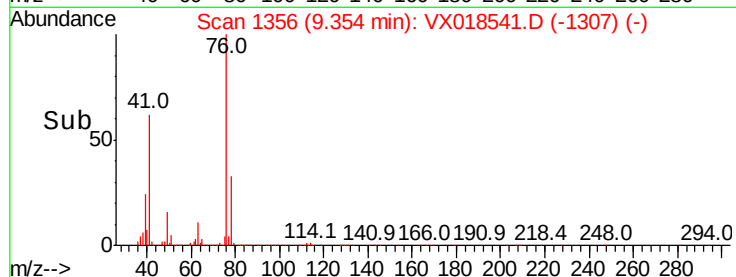
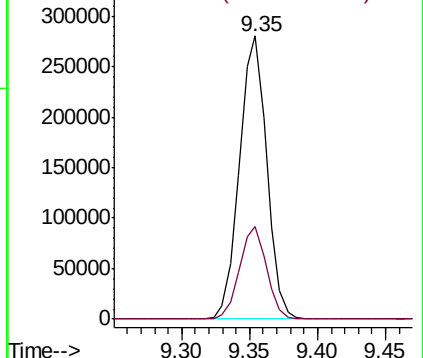
76 100

78 32.5 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 192.526 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018541.D

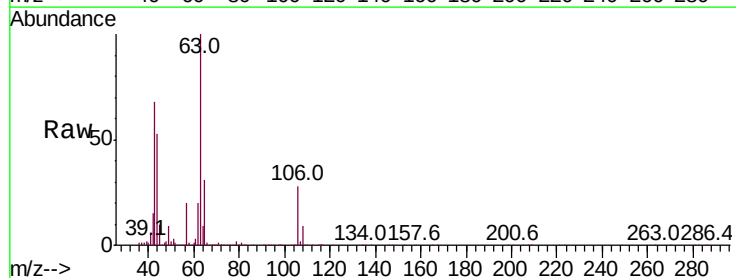
Acq: 23 Sep 2020 17:27

Tgt Ion: 63 Resp: 719532

Ion Ratio Lower Upper

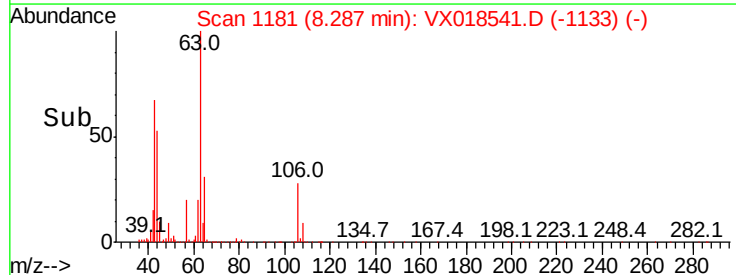
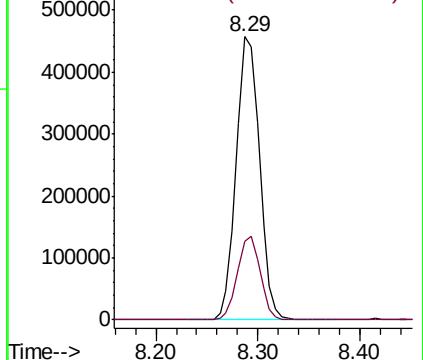
63 100

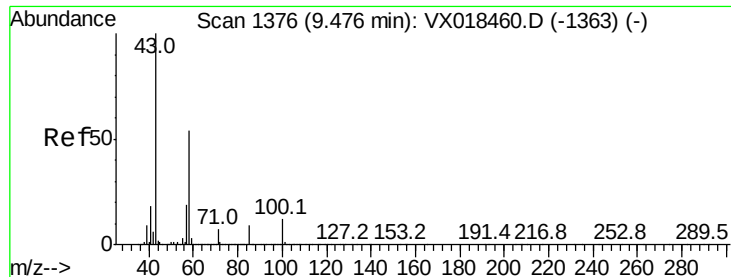
106 29.0 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

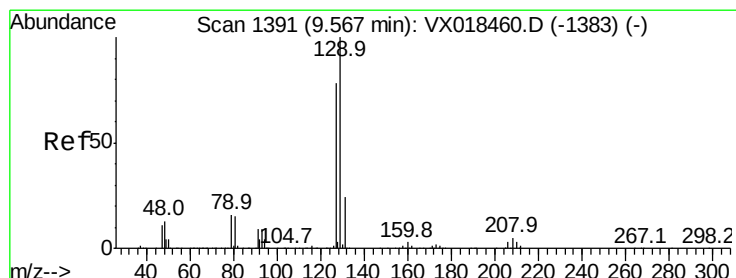
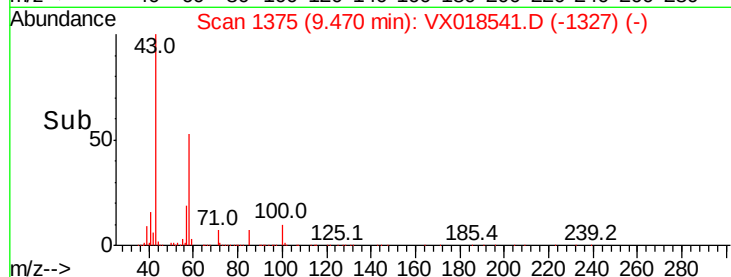
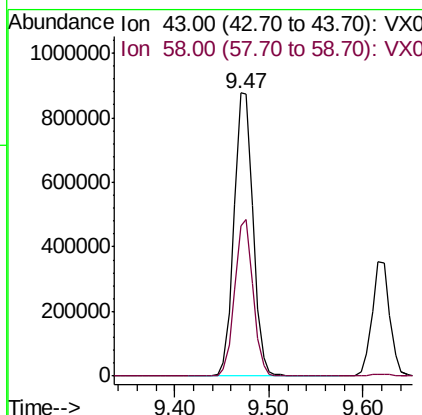
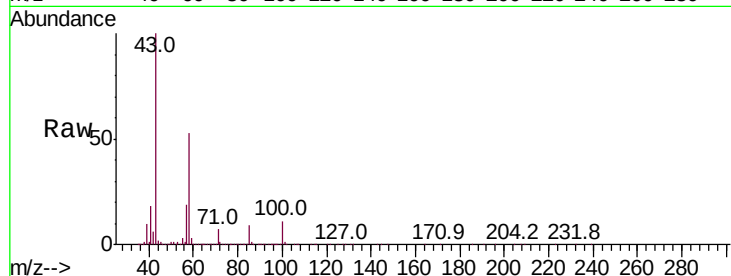




#59
2-Hexanone
Concen: 241.675 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

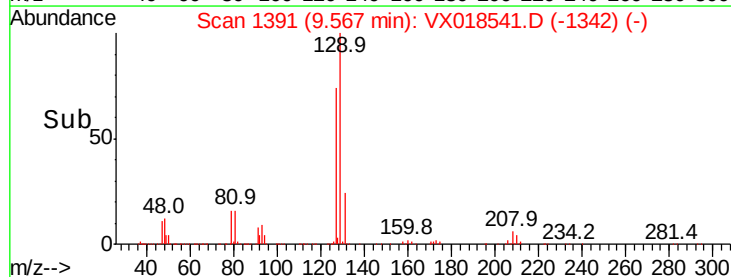
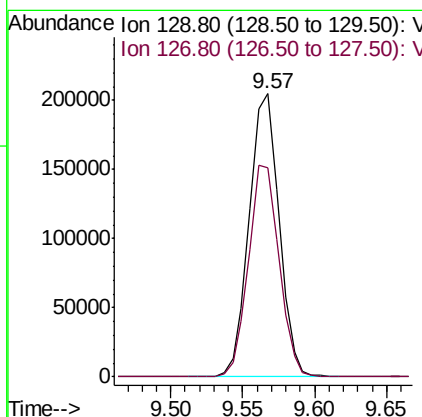
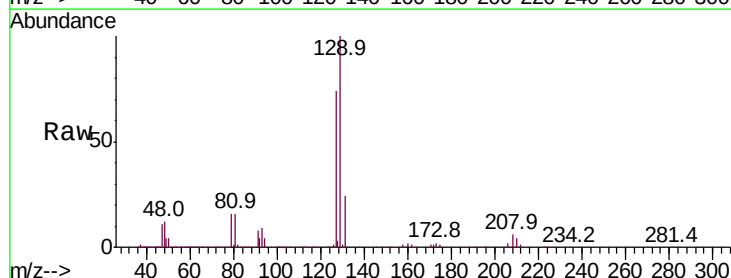
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

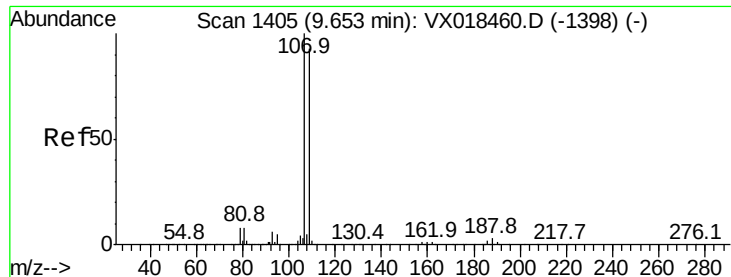
Tot Ion: 43 Resp: 1228703
Ion Ratio Lower Upper
43 100
58 53.4 26.5 79.4



#60
Dibromochloromethane
Concen: 52.039 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion: 129 Resp: 294172
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 51.359 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

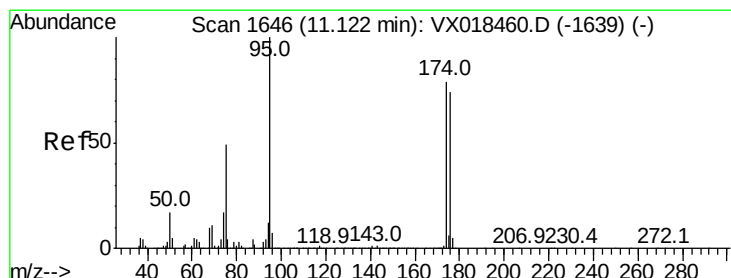
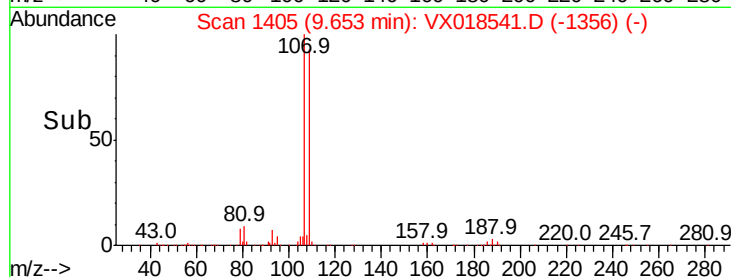
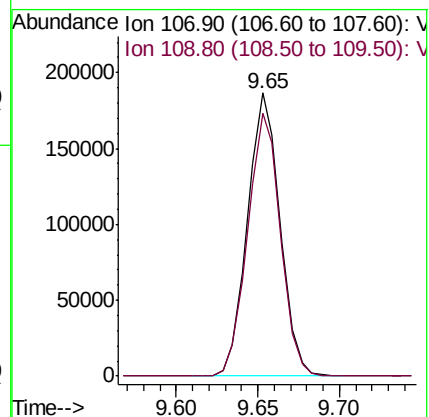
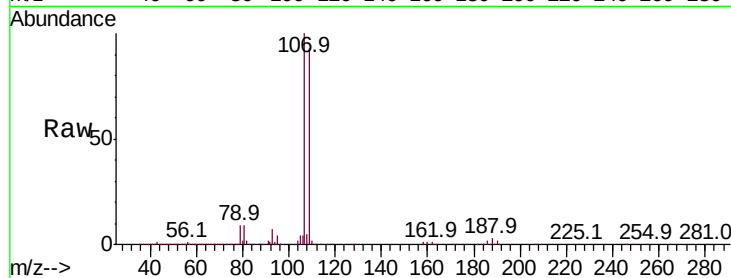
VSTDCCC050

Tot Ion:107 Resp: 259061

Ion Ratio Lower Upper

107 100

109 94.0 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.638 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

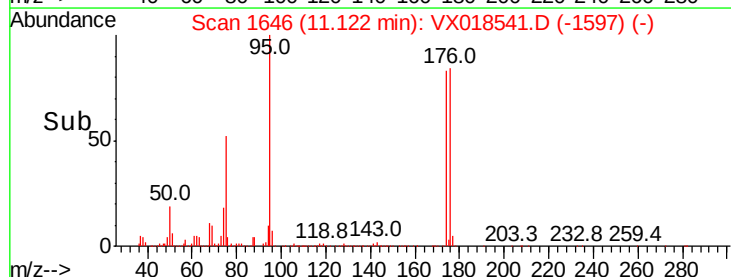
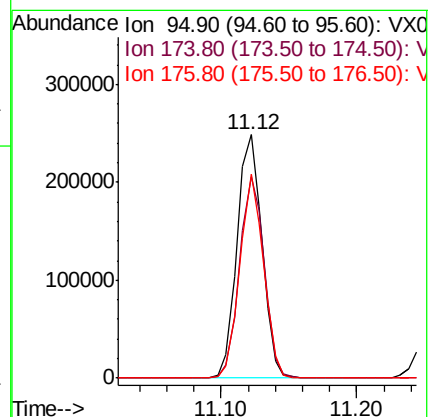
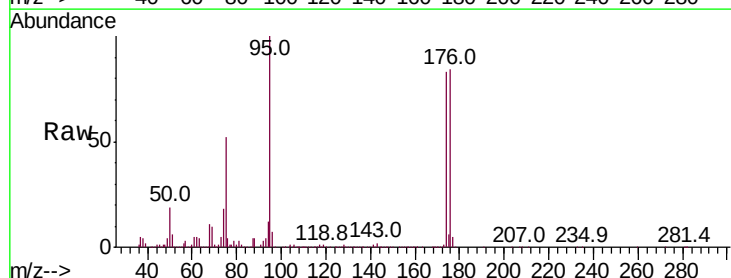
Tgt Ion: 95 Resp: 317187

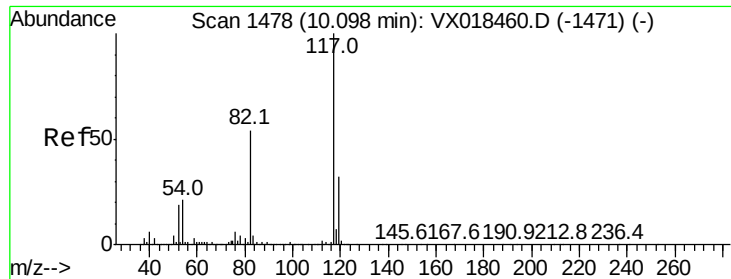
Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.4

176 79.6 0.0 151.4

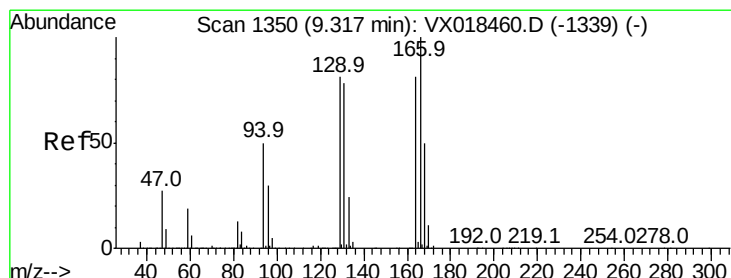
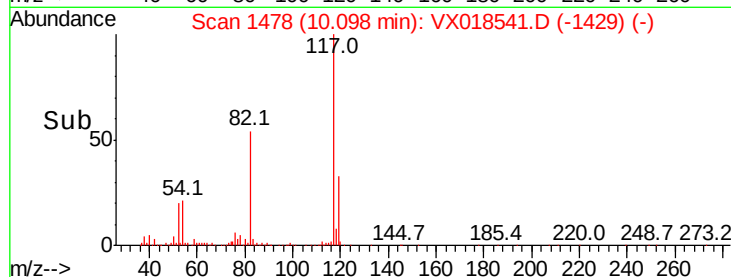
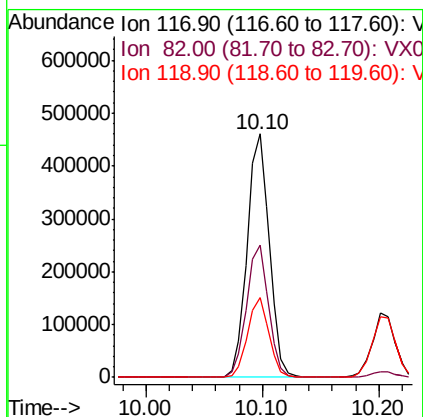
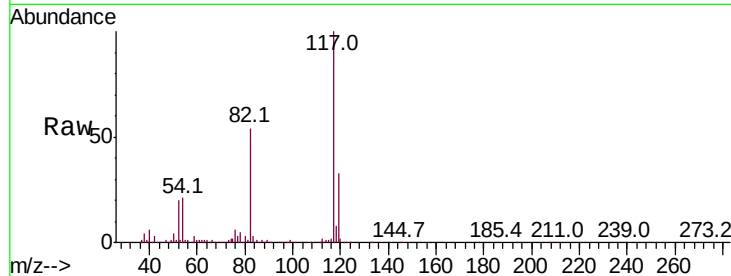




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

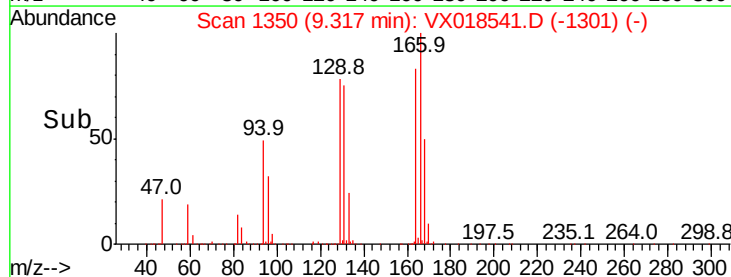
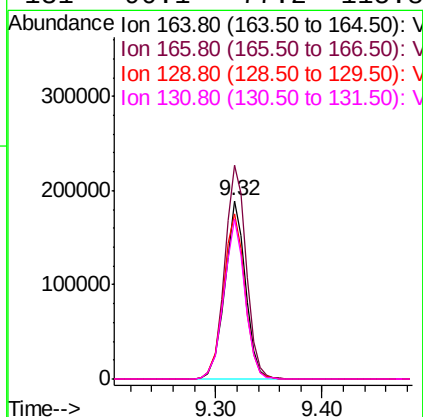
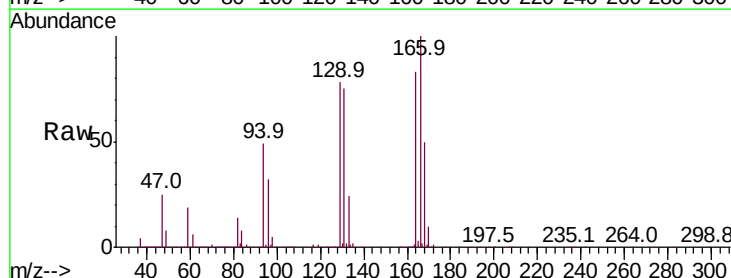
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

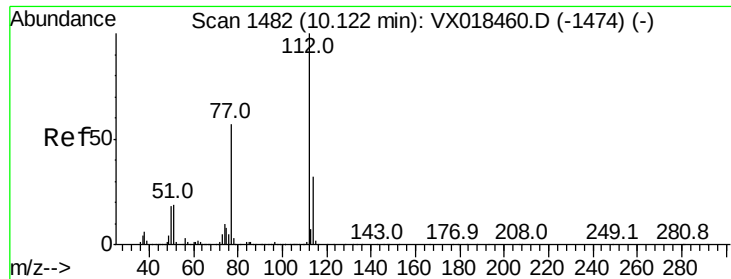
Tot Ion:117 Resp: 613081
Ion Ratio Lower Upper
117 100
82 54.5 43.3 64.9
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 52.984 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion:164 Resp: 255741
Ion Ratio Lower Upper
164 100
166 119.9 99.3 148.9
129 93.0 80.7 121.1
131 90.1 77.2 115.8

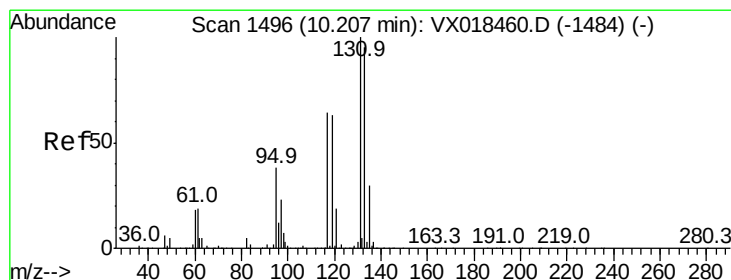
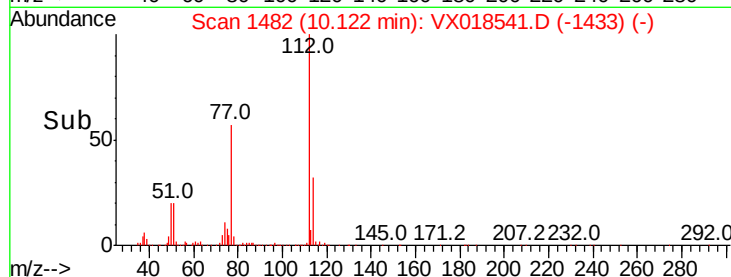
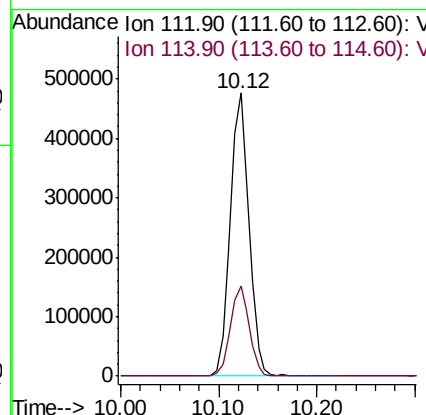
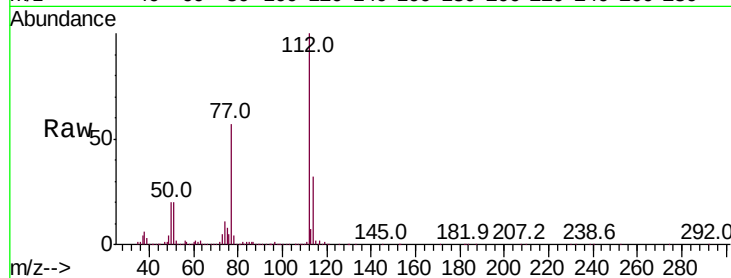




#65
Chlorobenzene
Concen: 50.180 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

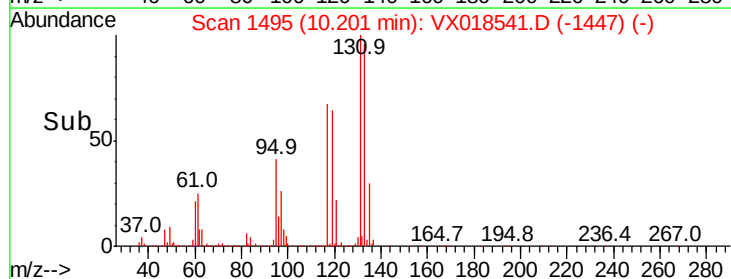
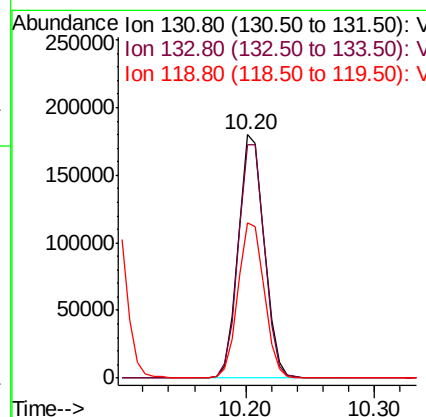
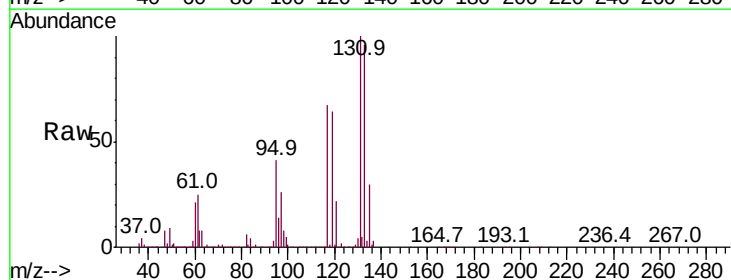
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

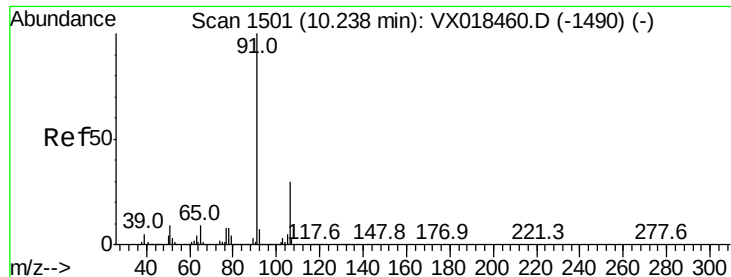
Tot Ion:112 Resp: 633479
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.099 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion:131 Resp: 253717
Ion Ratio Lower Upper
131 100
133 97.2 47.8 143.4
119 64.8 31.9 95.7





#67

Ethyl Benzene

Concen: 51.788 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

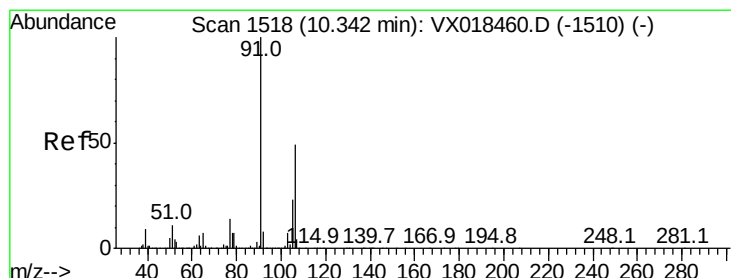
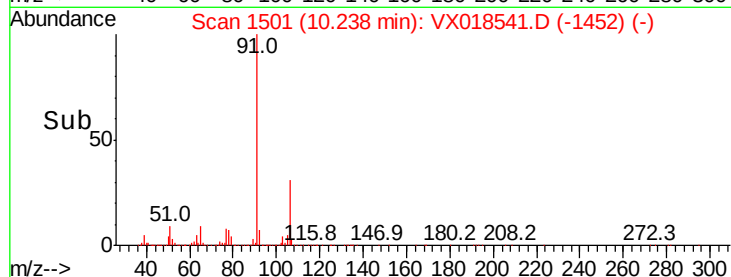
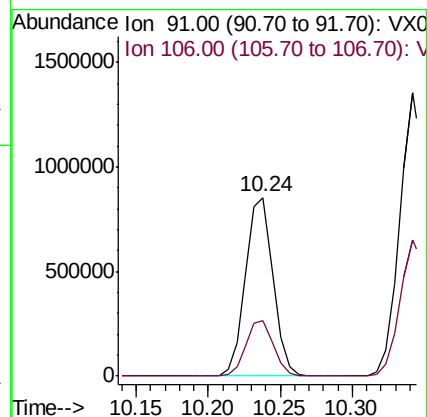
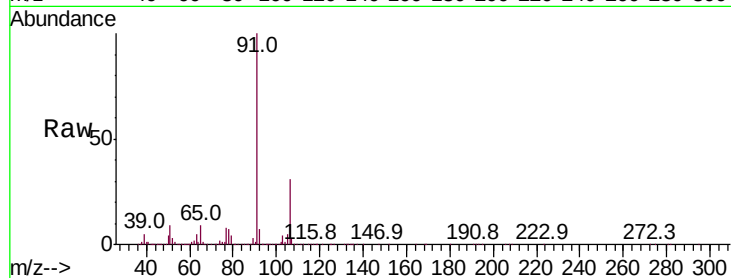
VSTDCCC050

Tot Ion: 91 Resp: 1131626

Ion Ratio Lower Upper

91 100

106 30.9 24.1 36.1



#68

m/p-Xylenes

Concen: 105.360 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018541.D

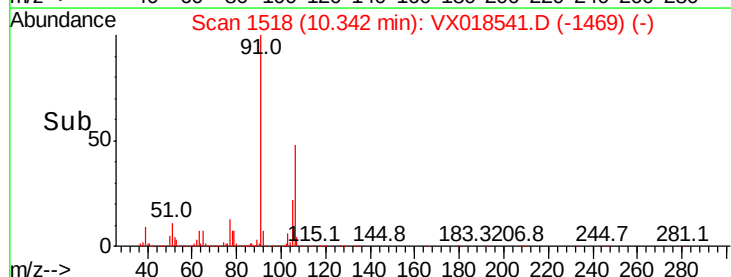
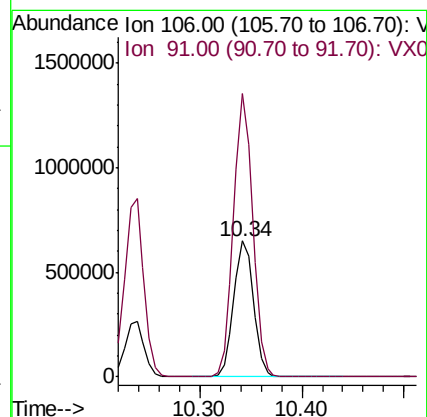
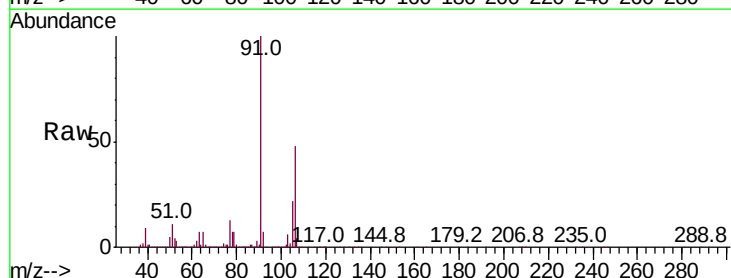
Acq: 23 Sep 2020 17:27

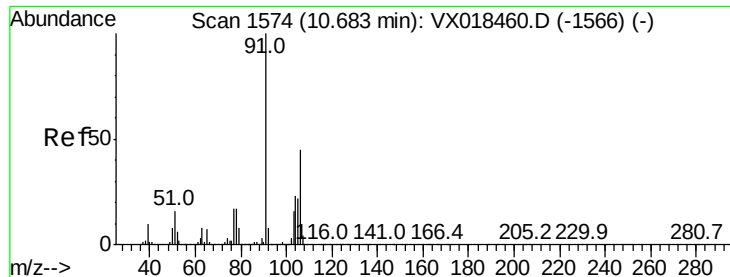
Tgt Ion: 106 Resp: 870890

Ion Ratio Lower Upper

106 100

91 202.7 163.8 245.6

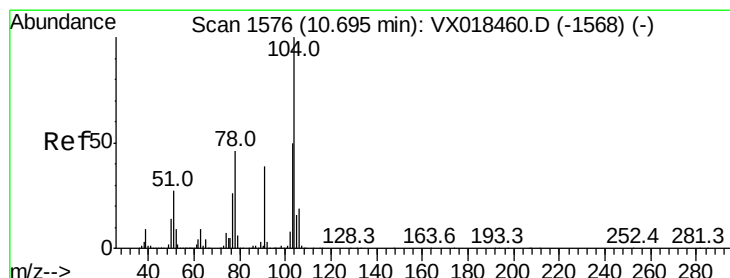
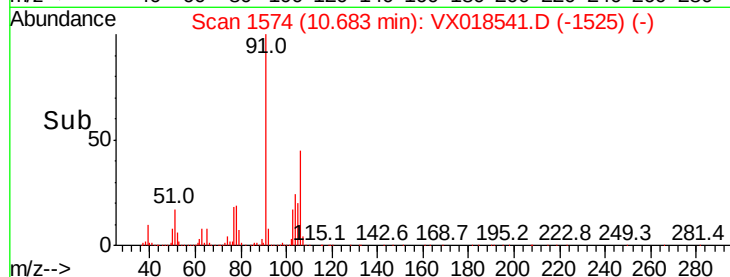
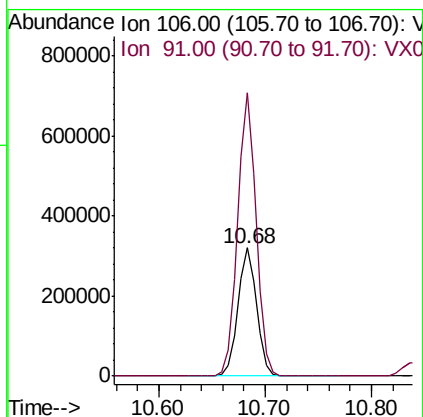
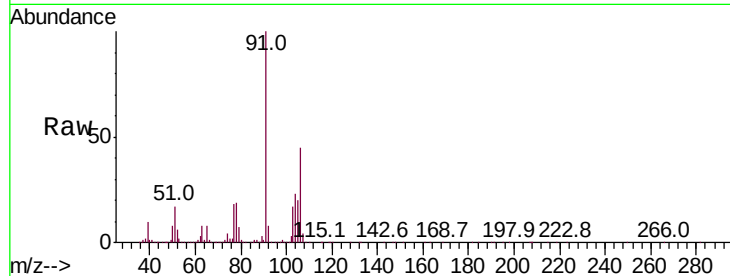




#69
o-Xylene
Concen: 50.438 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

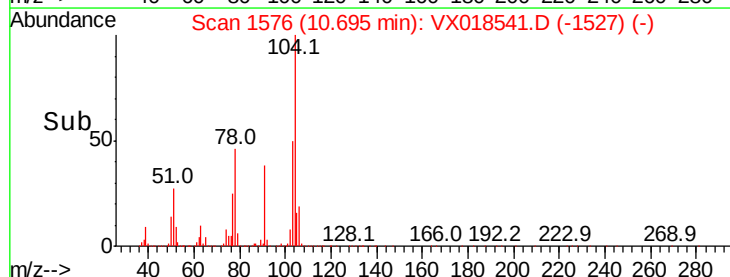
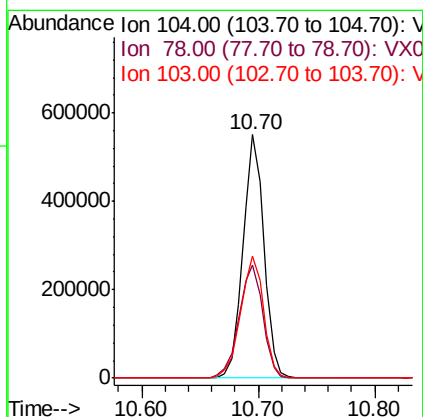
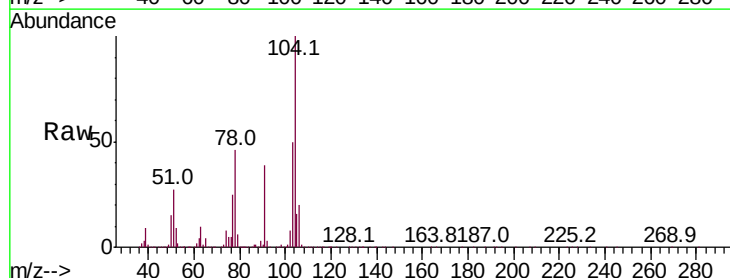
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

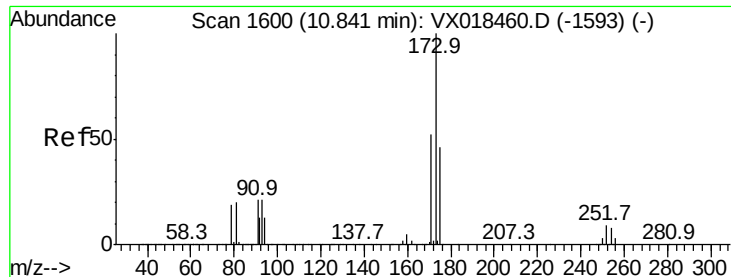
Tot Ion:106 Resp: 394798
Ion Ratio Lower Upper
106 100
91 219.4 109.7 329.0



#70
Styrene
Concen: 51.370 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion:104 Resp: 694269
Ion Ratio Lower Upper
104 100
78 53.2 40.5 60.7
103 55.3 43.2 64.8





#71

Bromoform

Concen: 50.270 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

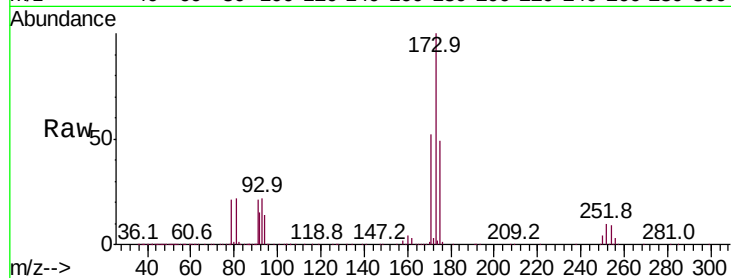
Tot Ion:173 Resp: 213754

Ion Ratio Lower Upper

173 100

175 47.7 23.6 70.8

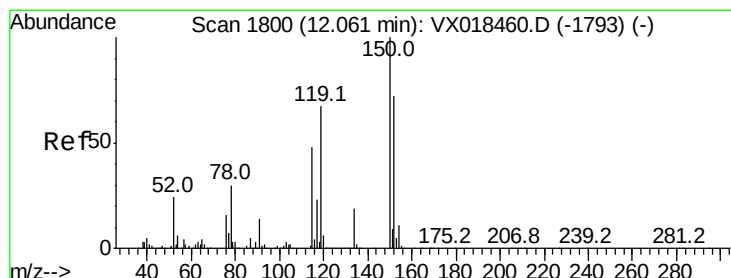
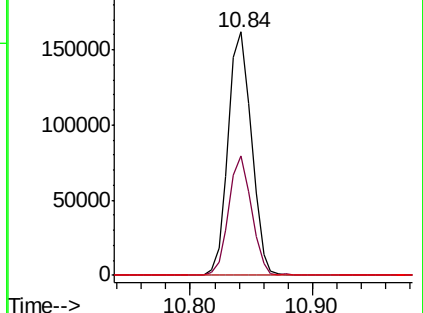
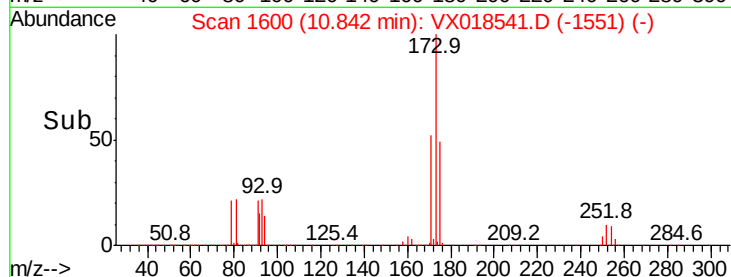
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

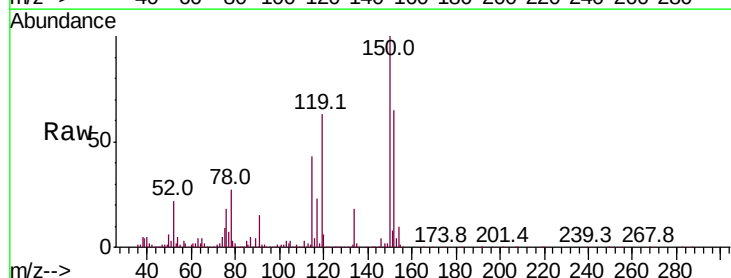
Tgt Ion:152 Resp: 332873

Ion Ratio Lower Upper

152 100

115 84.5 41.8 125.4

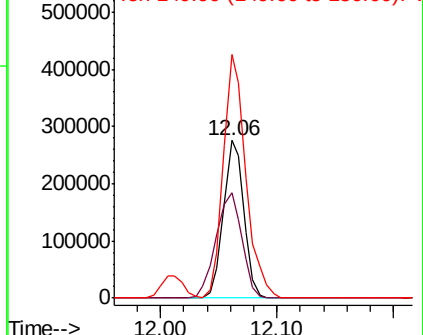
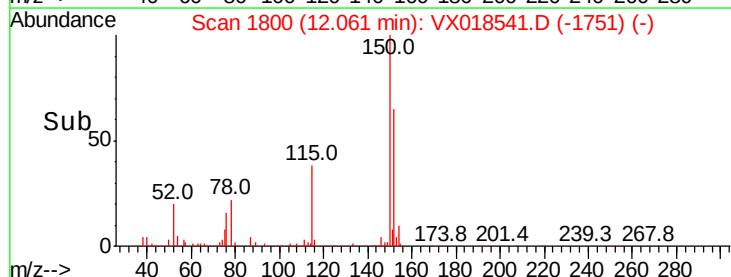
150 171.1 0.0 342.4

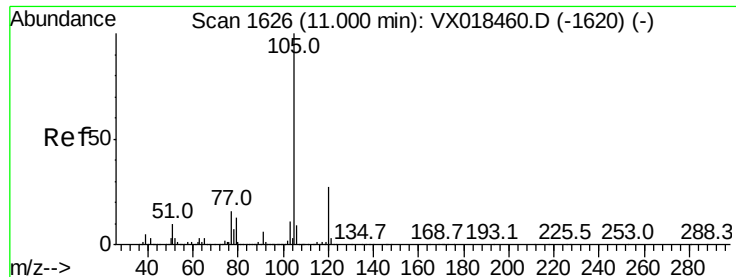


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.204 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

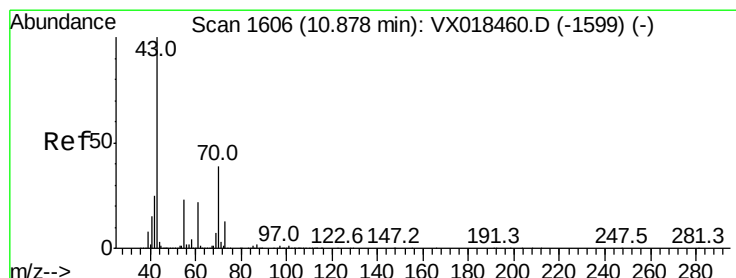
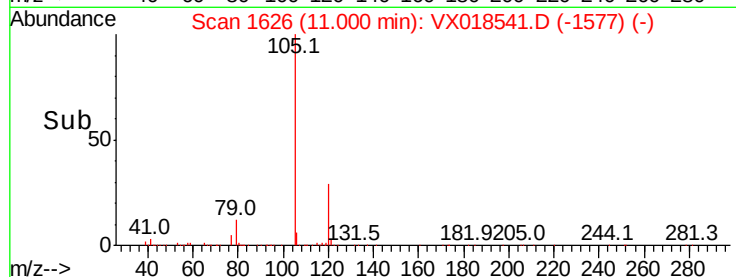
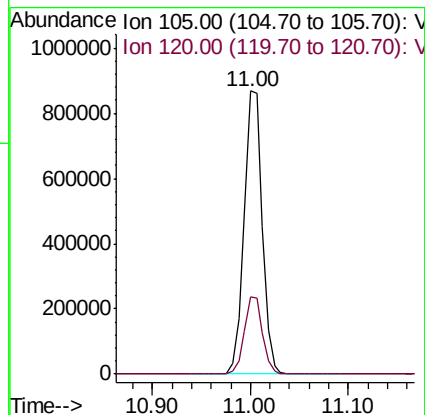
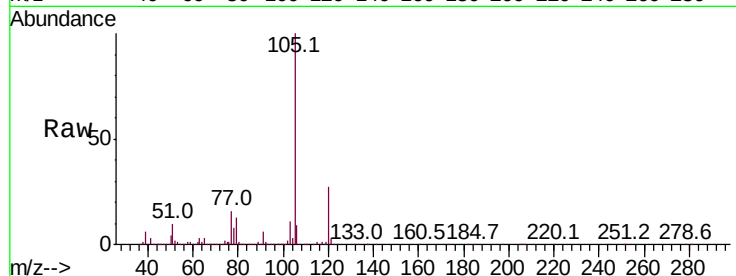
VSTDCCC050

Tot Ion:105 Resp: 1116388

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 44.560 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion: 43 Resp: 446103

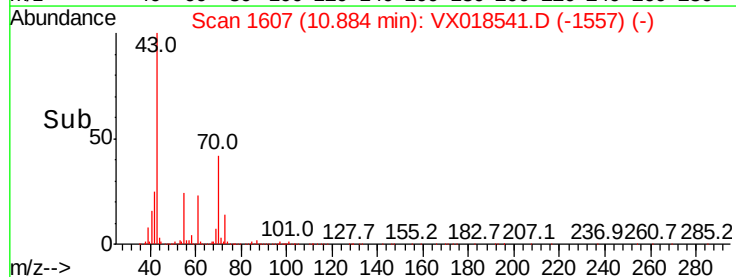
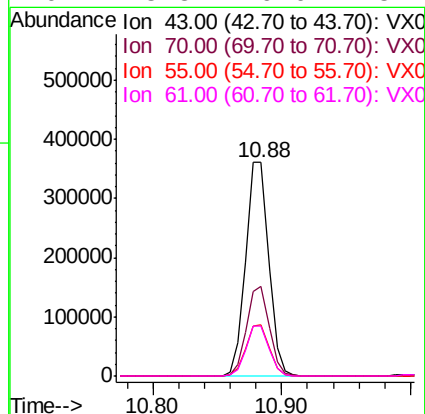
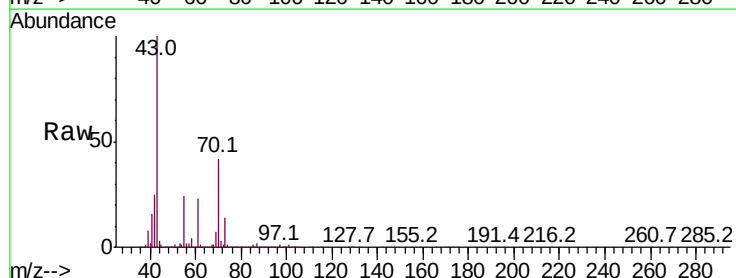
Ion Ratio Lower Upper

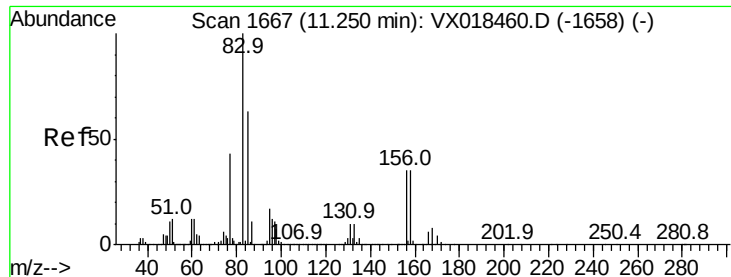
43 100

70 40.9 32.2 48.4

55 24.2 18.8 28.2

61 23.3 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.809 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

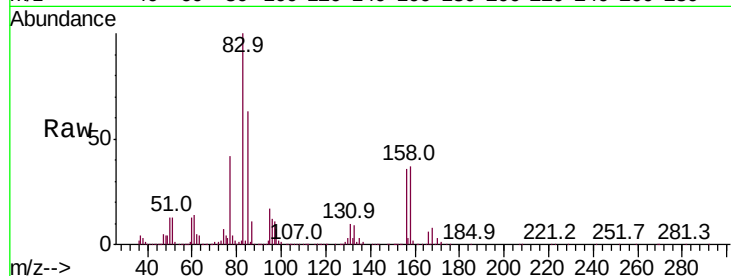
Tot Ion: 83 Resp: 344531

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.4

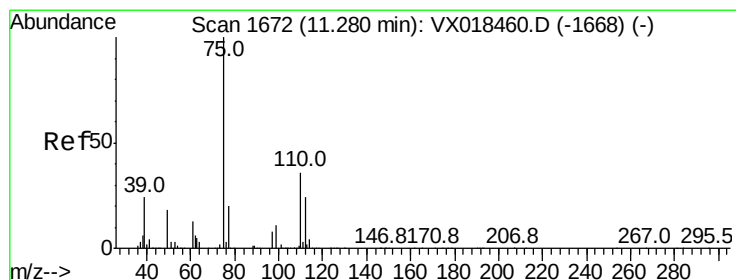
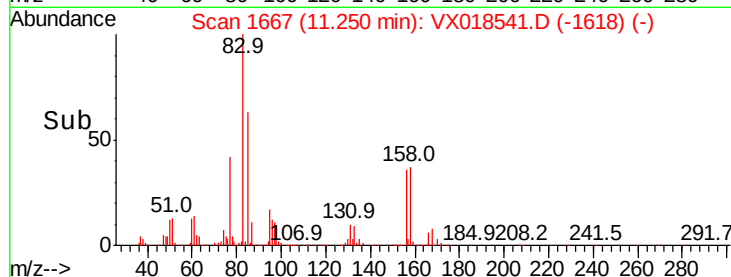
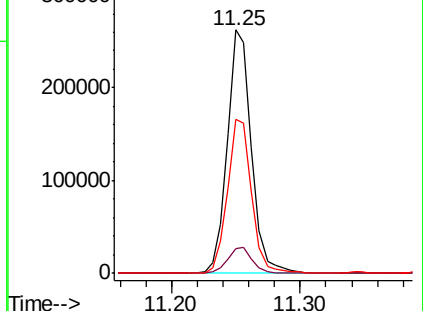
85 63.8 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.234 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018541.D

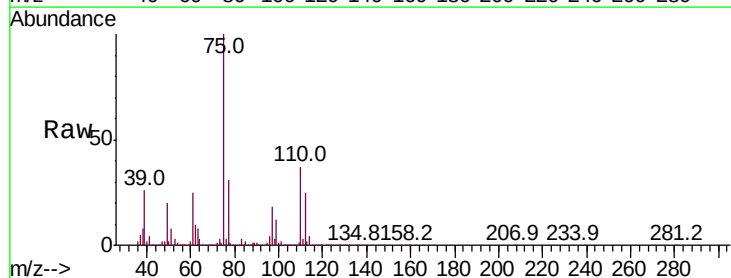
Acq: 23 Sep 2020 17:27

Tgt Ion: 75 Resp: 421343

Ion Ratio Lower Upper

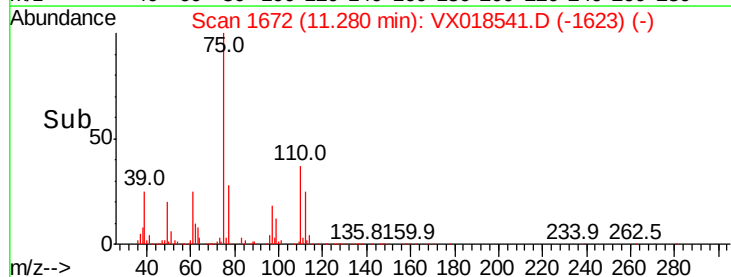
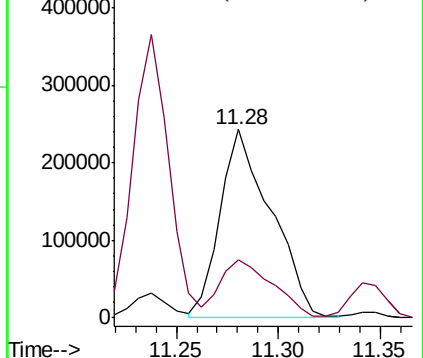
75 100

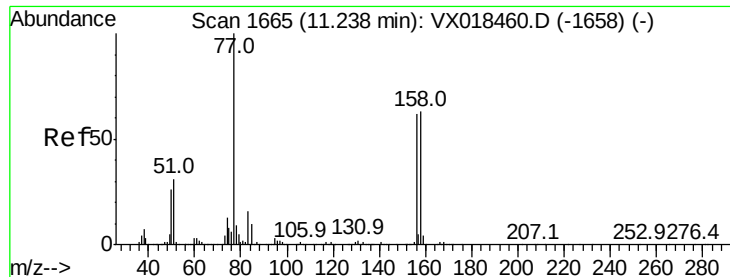
77 31.7 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.398 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

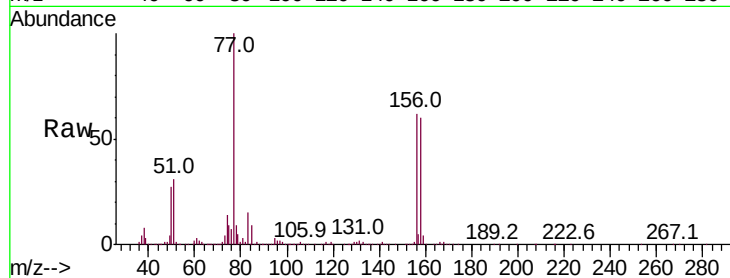
Tot Ion:156 Resp: 290819

Ion Ratio Lower Upper

156 100

77 154.7 78.8 236.5

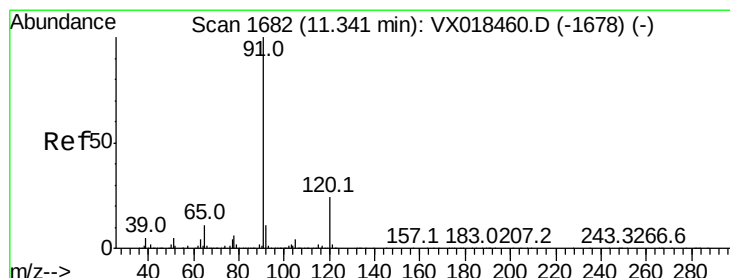
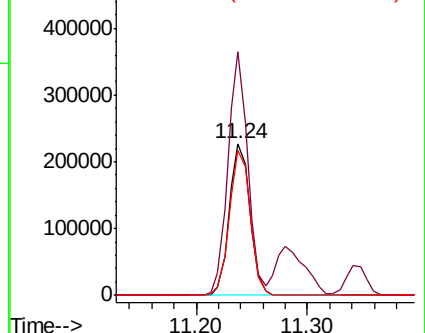
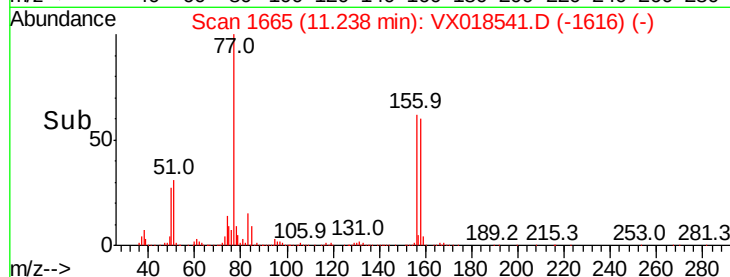
158 96.8 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.180 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018541.D

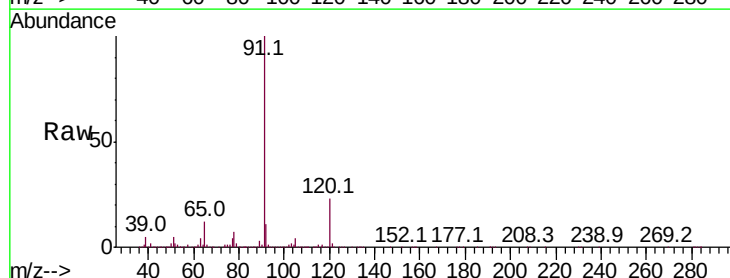
Acq: 23 Sep 2020 17:27

Tgt Ion: 91 Resp: 1280114

Ion Ratio Lower Upper

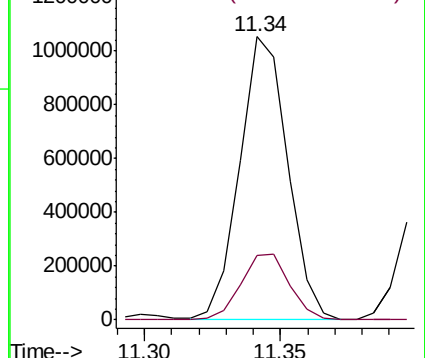
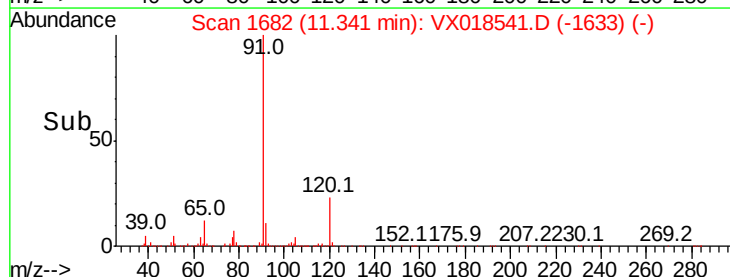
91 100

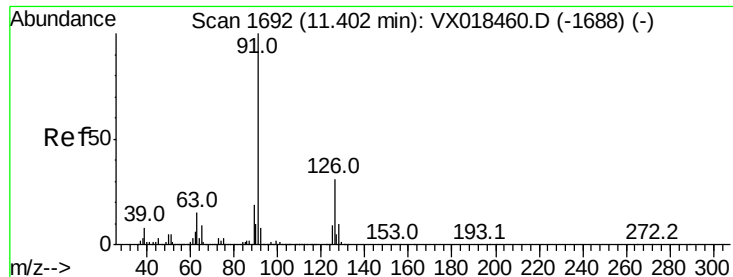
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

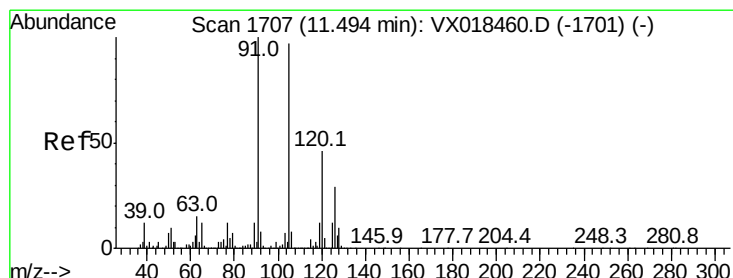
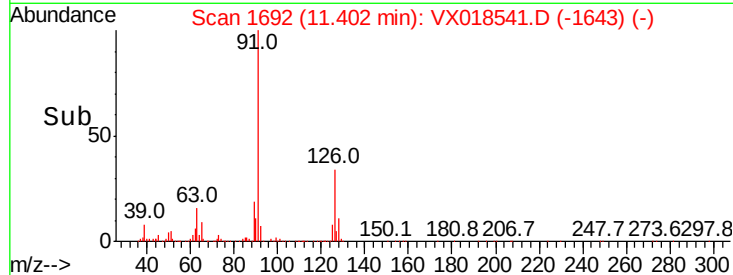
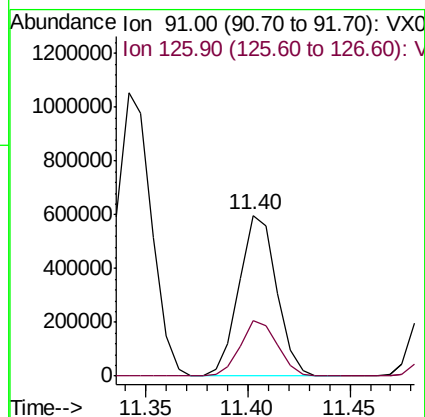
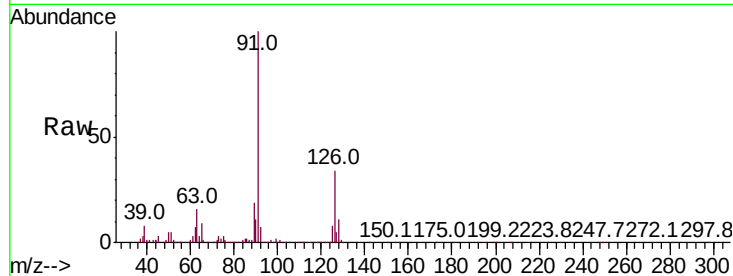




#79
 2-Chlorotoluene
 Concen: 48.369 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

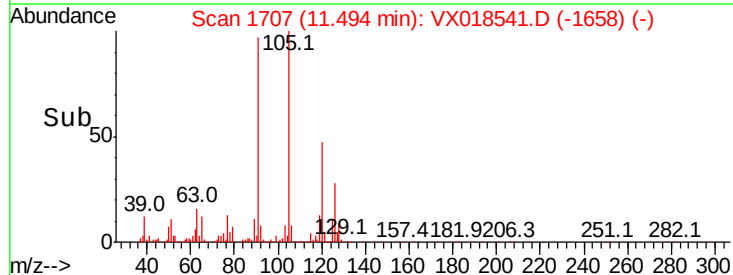
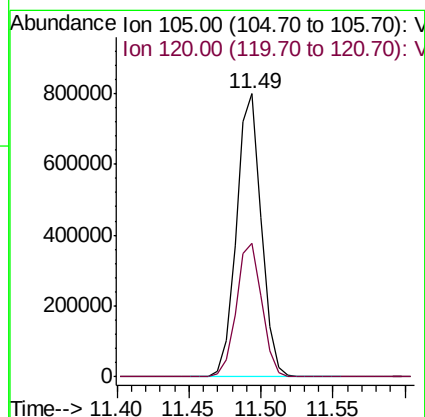
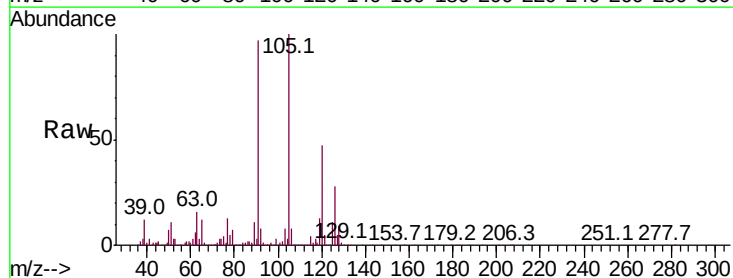
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

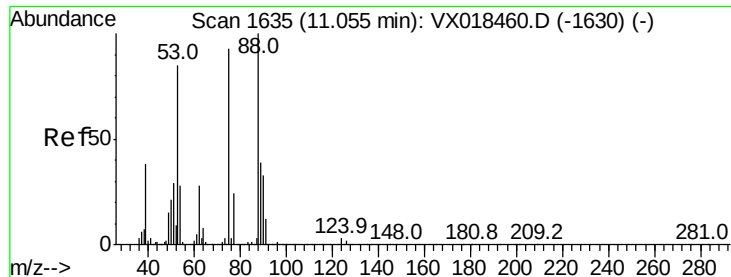
Tot Ion: 91 Resp: 762085
 Ion Ratio Lower Upper
 91 100
 126 34.2 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.622 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Tgt Ion: 105 Resp: 962704
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.607 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

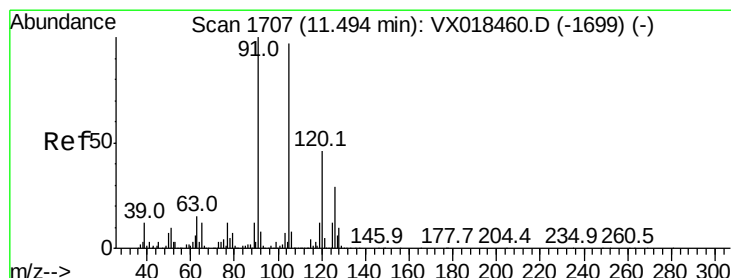
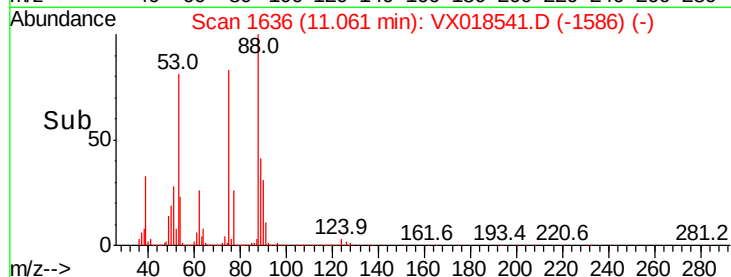
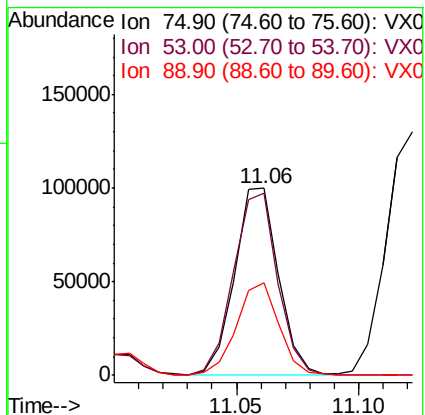
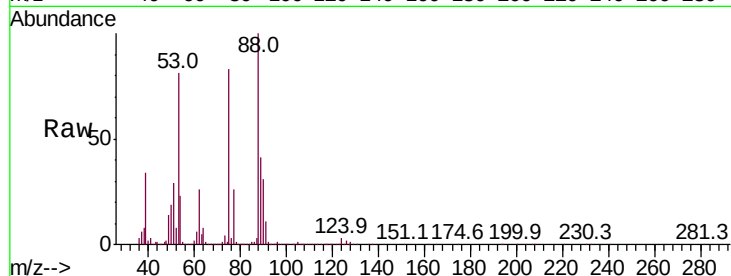
Tot Ion: 75 Resp: 124498

Ion Ratio Lower Upper

75 100

53 97.1 74.6 111.8

89 47.6 36.2 54.4



#82

4-Chlorotoluene

Concen: 49.766 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018541.D

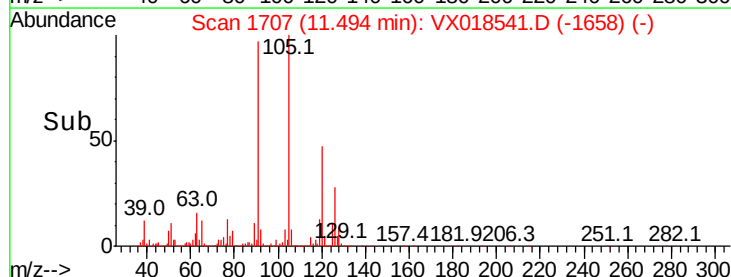
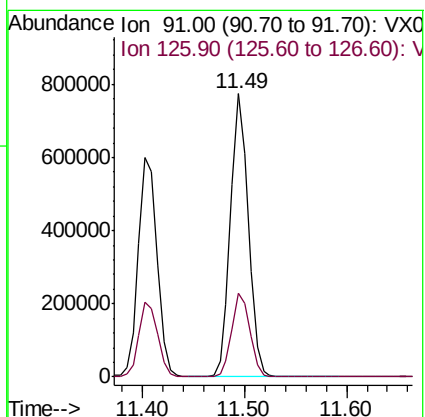
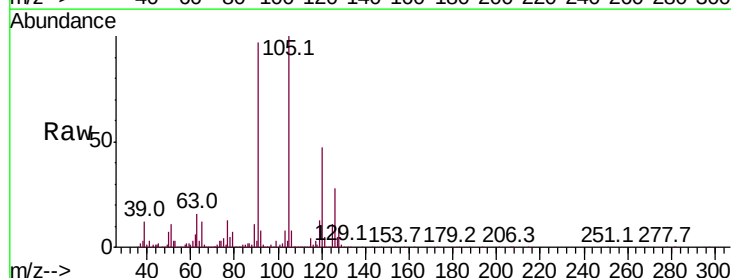
Acq: 23 Sep 2020 17:27

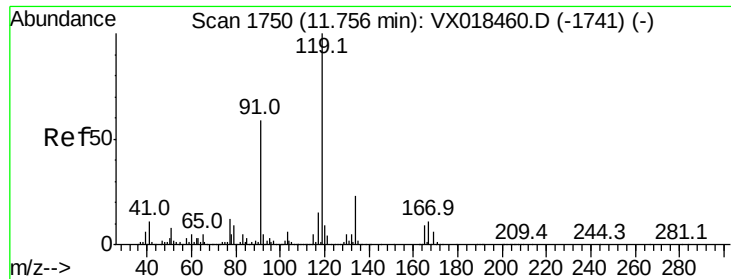
Tgt Ion: 91 Resp: 932066

Ion Ratio Lower Upper

91 100

126 30.0 15.0 45.0





#83

tert-Butylbenzene

Concen: 50.520 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

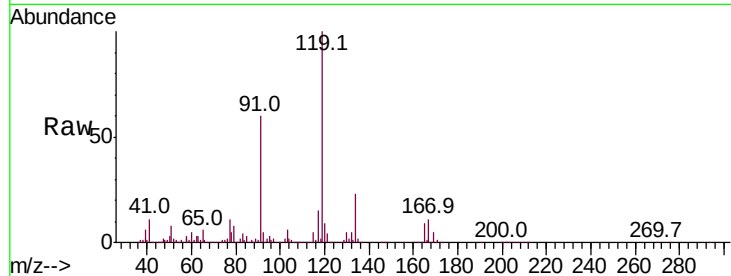
Tot Ion:119 Resp: 932816

Ion Ratio Lower Upper

119 100

91 58.3 28.9 86.7

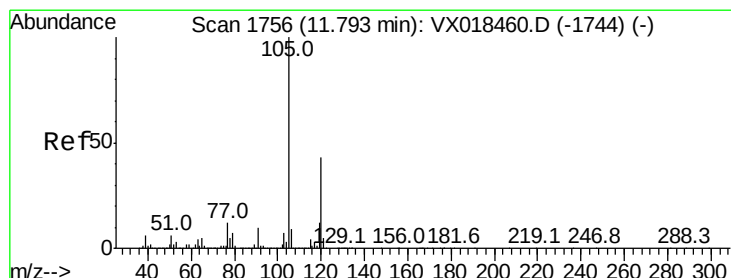
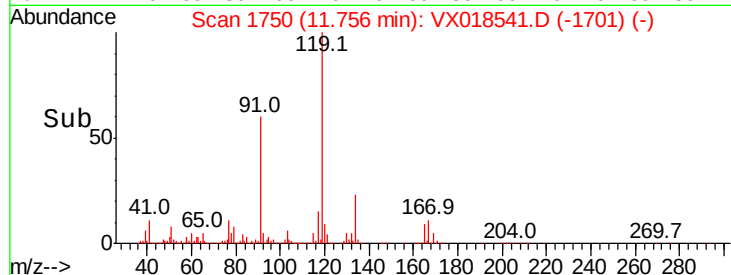
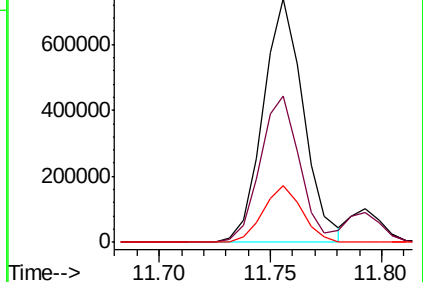
134 22.5 11.3 33.8



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: 51.798 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018541.D

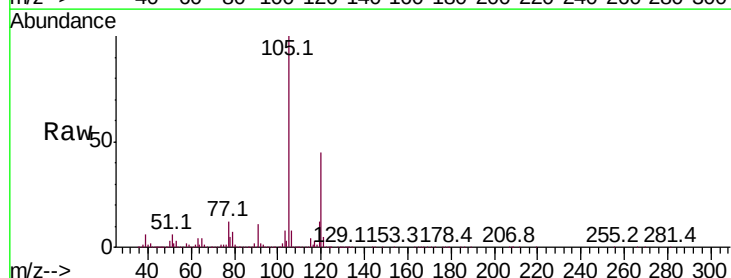
Acq: 23 Sep 2020 17:27

Tgt Ion:105 Resp: 992056

Ion Ratio Lower Upper

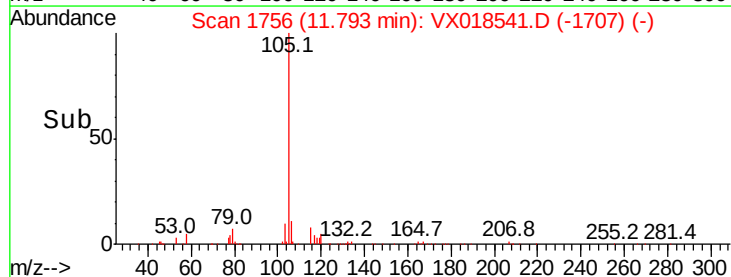
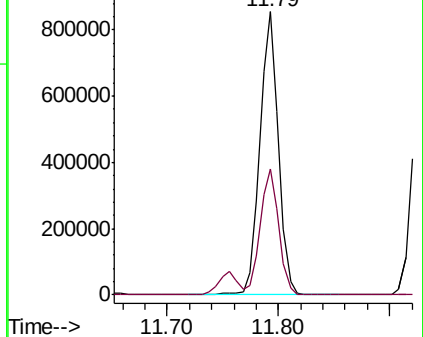
105 100

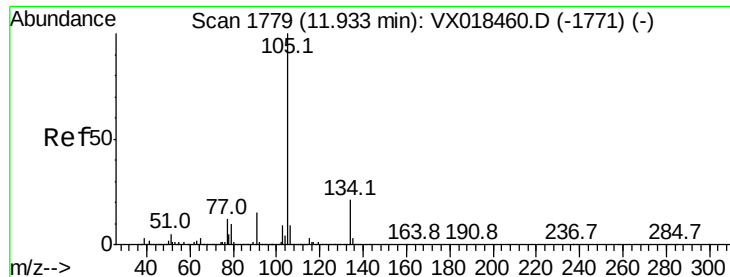
120 44.7 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.379 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

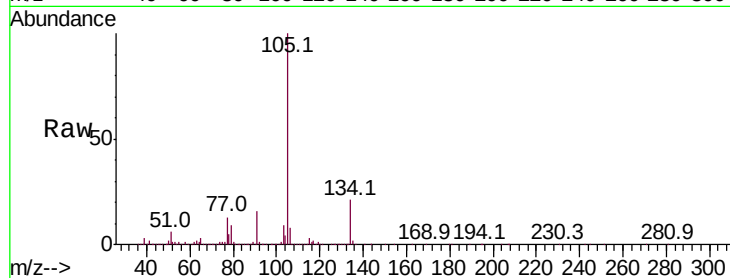
VSTDCCC050

Tot Ion:105 Resp: 1097596

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

800000

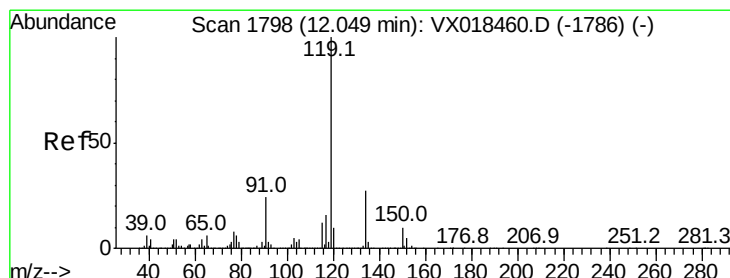
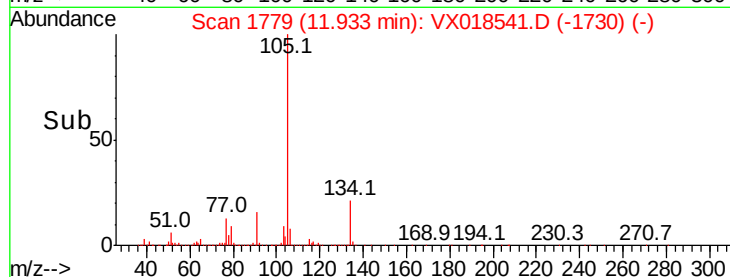
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 51.781 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

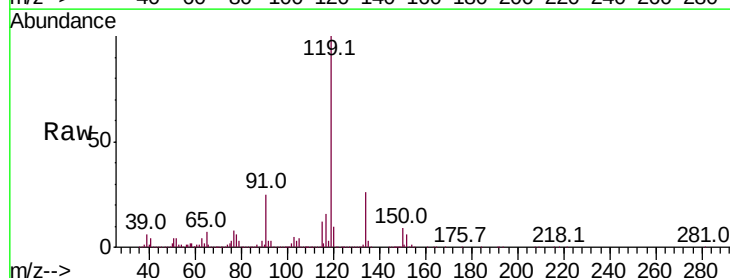
Tgt Ion:119 Resp: 1036805

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 25.0 11.9 35.9



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

12.05

1200000

1000000

800000

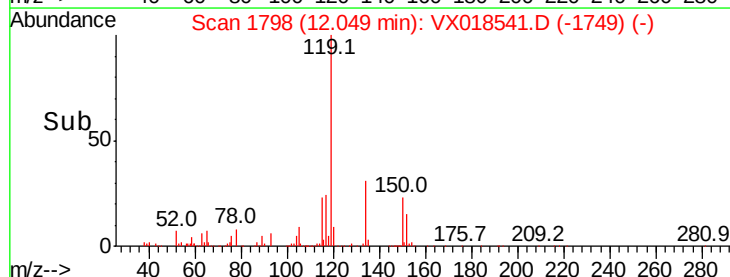
600000

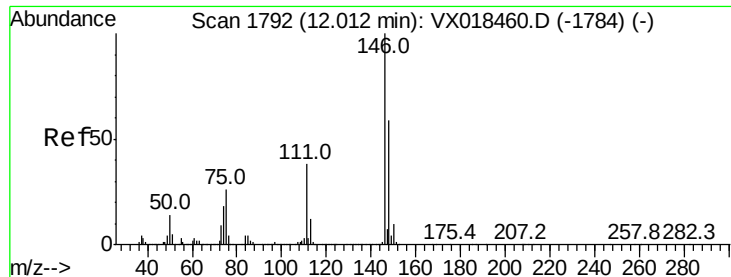
400000

200000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 49.499 ug/l

RT: 12.01 min Scan# 1792

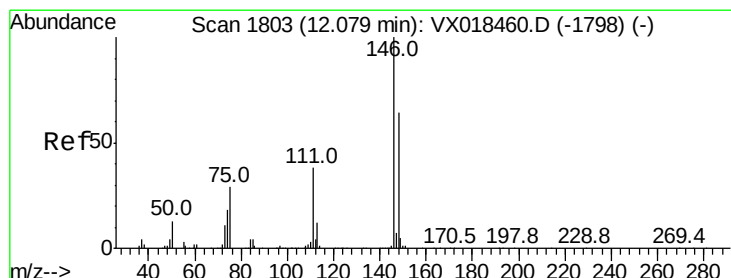
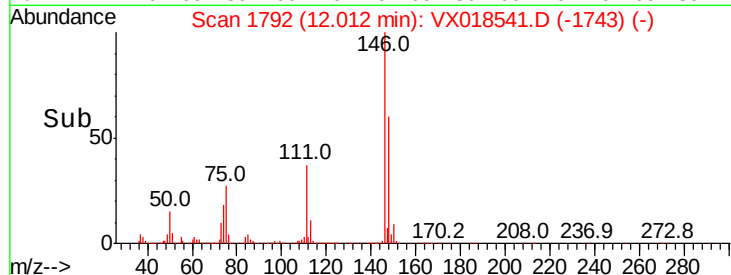
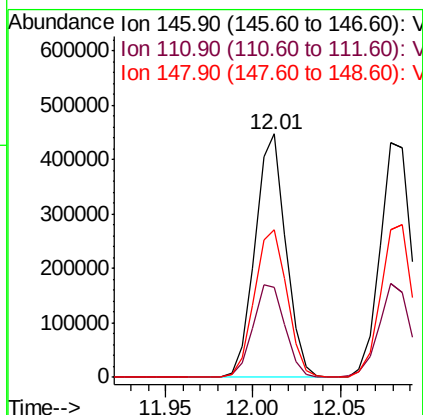
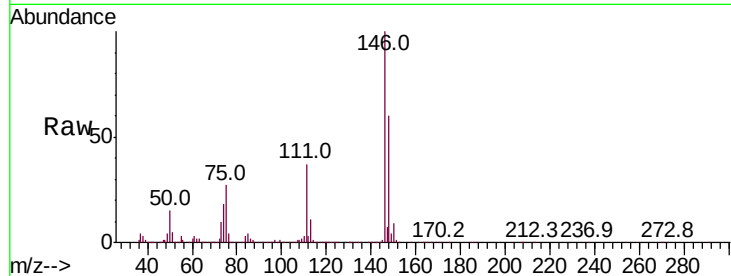
Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.4	61.2
148	64.0	31.1	93.2



#88

1,4-Dichlorobenzene

Concen: 48.260 ug/l

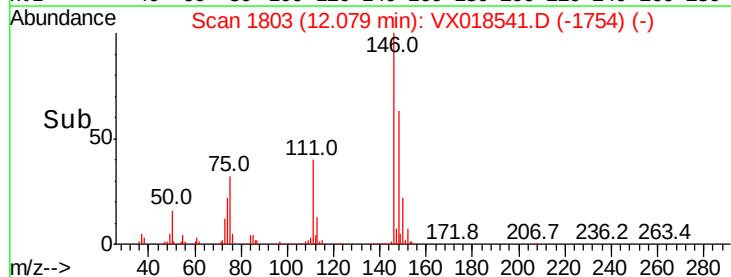
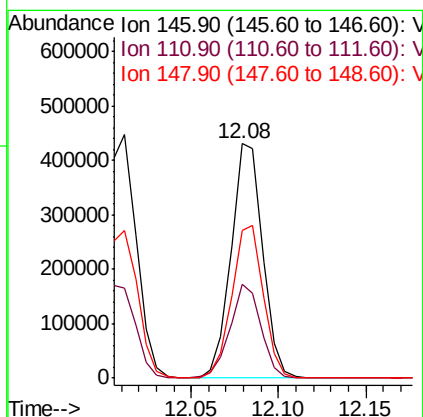
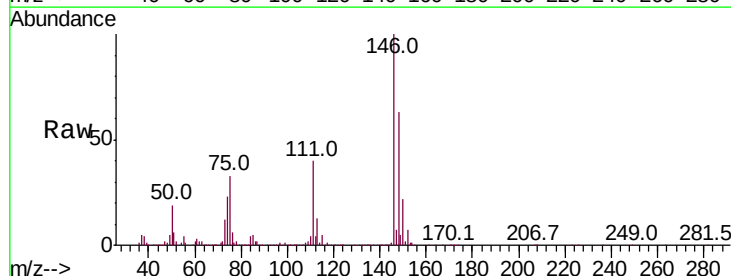
RT: 12.08 min Scan# 1803

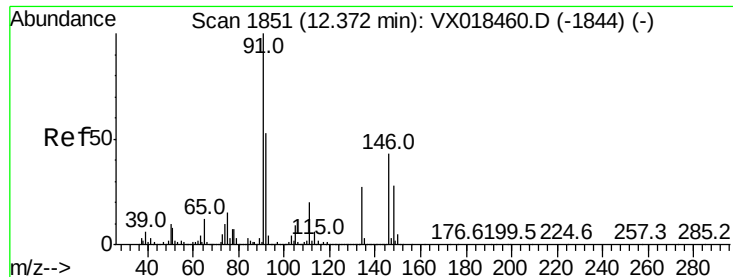
Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.4
148	65.3	31.8	95.4





#89

n-Butylbenzene

Concen: 50.427 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

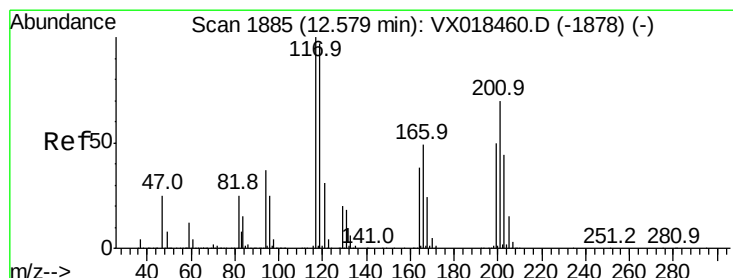
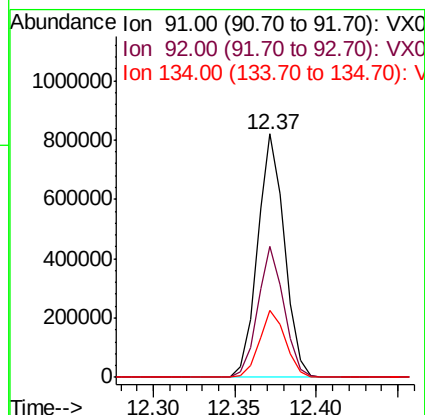
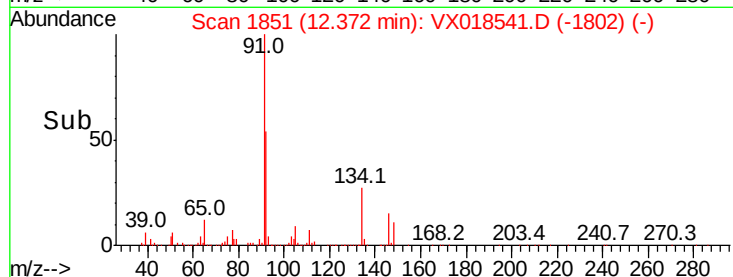
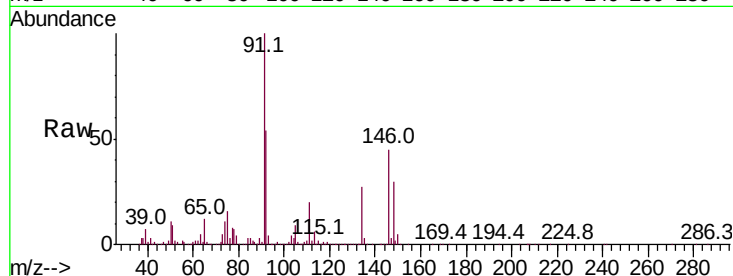
Tot Ion: 91 Resp: 934720

Ion Ratio Lower Upper

91 100

92 52.2 26.1 78.2

134 26.8 13.3 39.8



#90

Hexachloroethane

Concen: 49.251 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018541.D

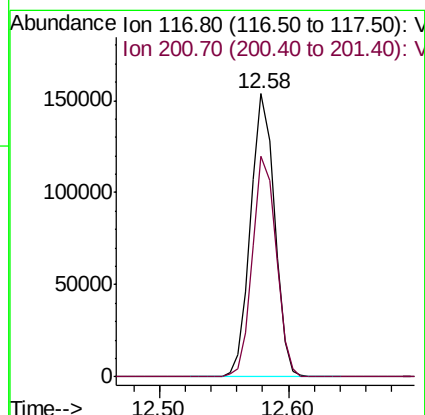
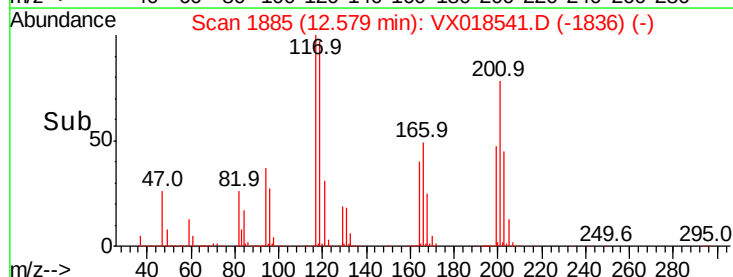
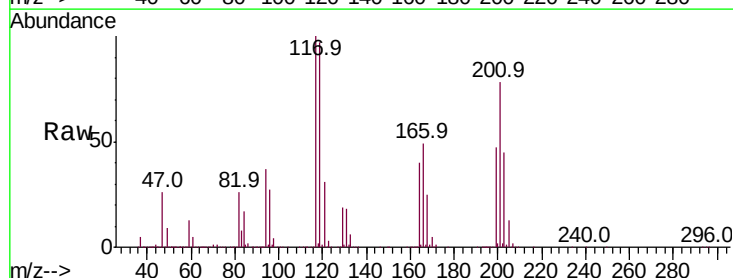
Acq: 23 Sep 2020 17:27

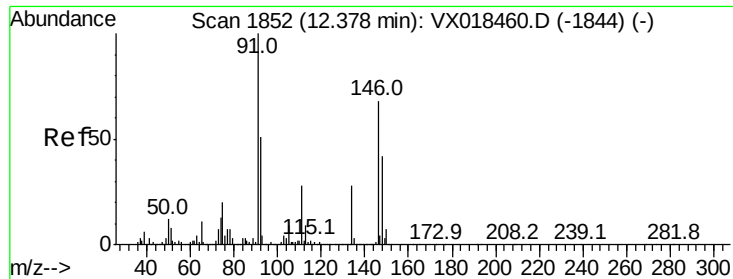
Tgt Ion: 117 Resp: 196875

Ion Ratio Lower Upper

117 100

201 76.9 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 49.101 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

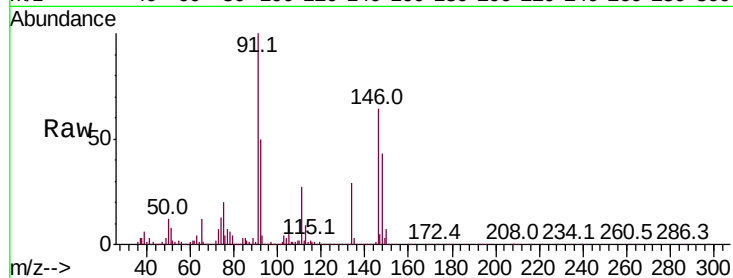
Tot Ion:146 Resp: 506988

Ion Ratio Lower Upper

146 100

111 42.7 21.5 64.5

148 65.2 32.1 96.5

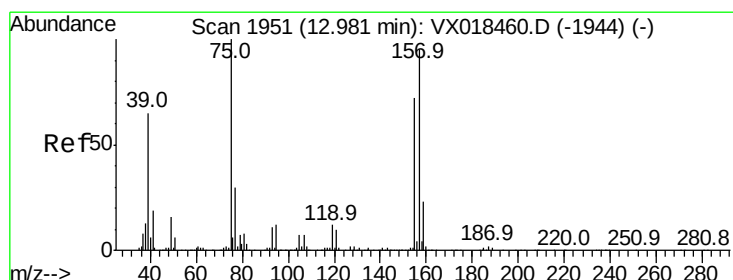
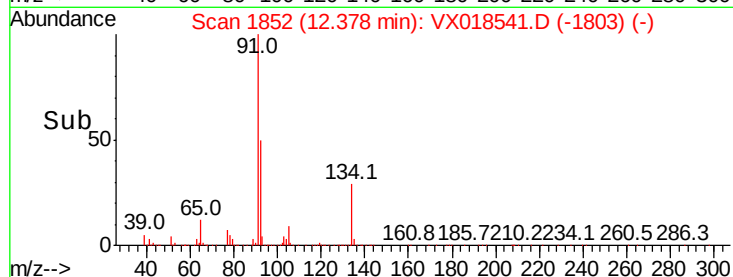
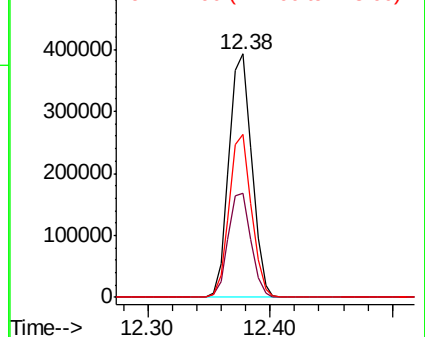


Abundance

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: 45.523 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

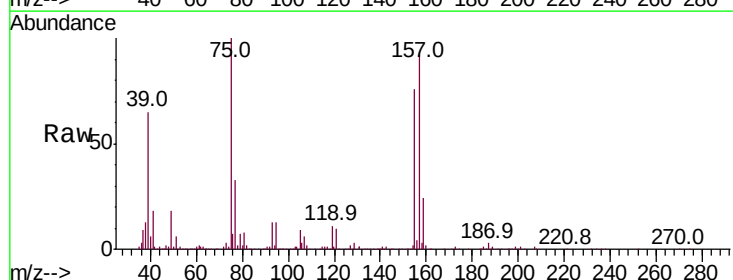
Tgt Ion: 75 Resp: 81341

Ion Ratio Lower Upper

75 100

155 83.1 38.8 116.4

157 107.8 51.1 153.3

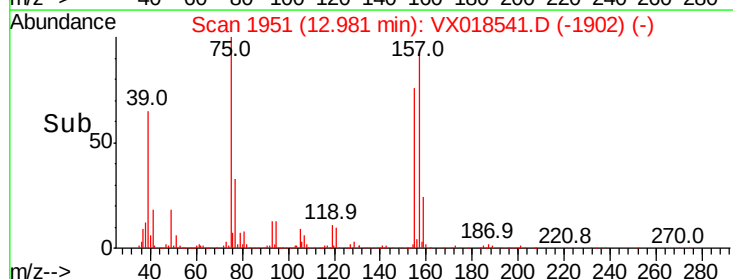
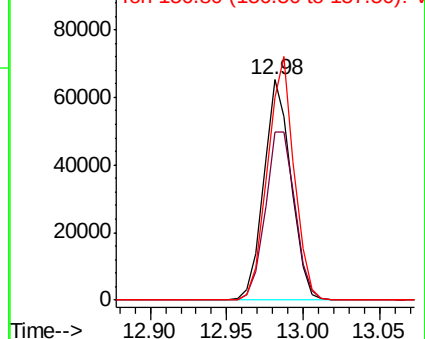


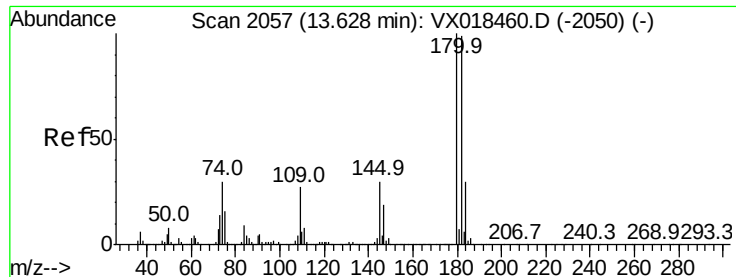
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

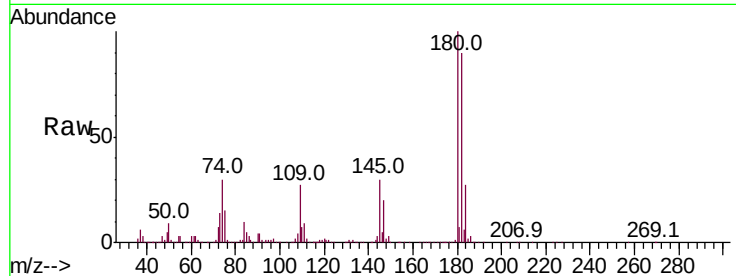




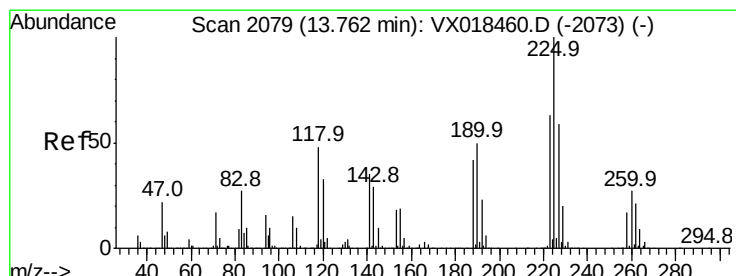
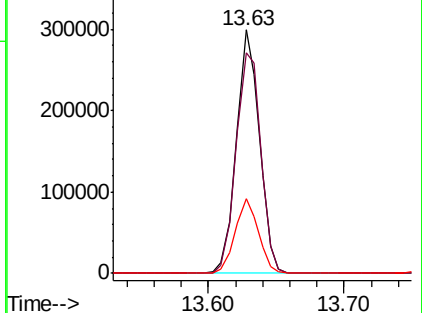
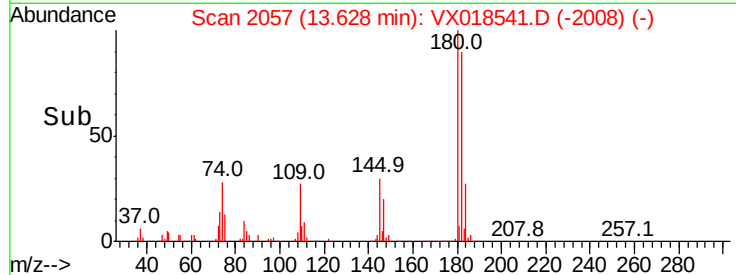
#93
 1,2,4-Trichlorobenzene
 Concen: 49.186 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	50.2	150.6
145	30.9	15.7	47.1

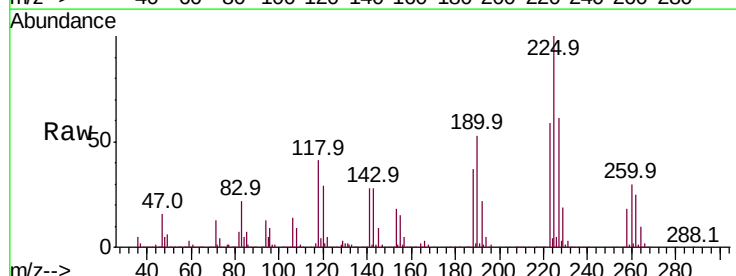


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

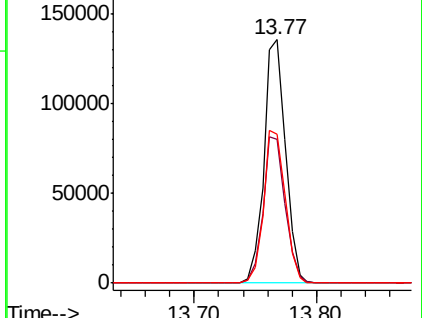
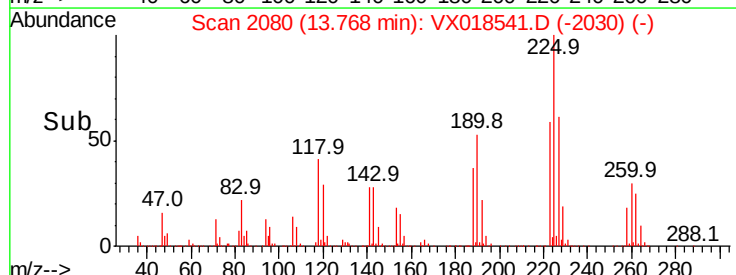


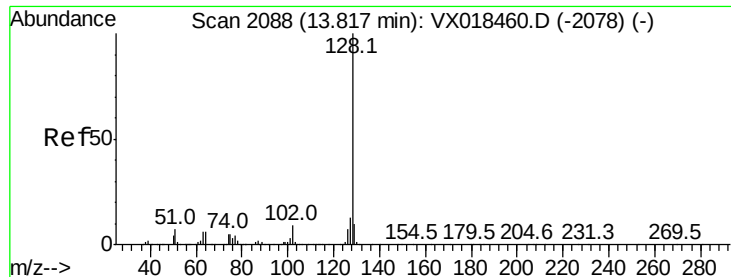
#94
 Hexachlorobutadiene
 Concen: 54.971 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.0	96.2
227	62.9	31.7	95.1



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.102 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

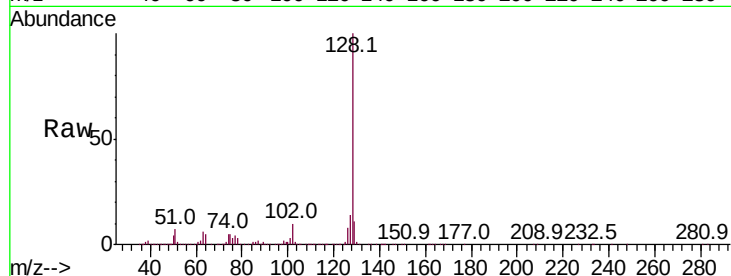
Tot Ion:128 Resp: 1043954

Ion Ratio Lower Upper

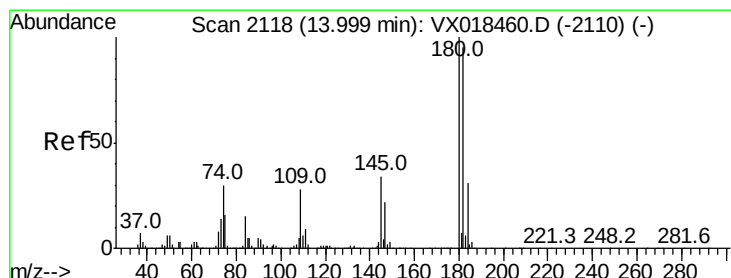
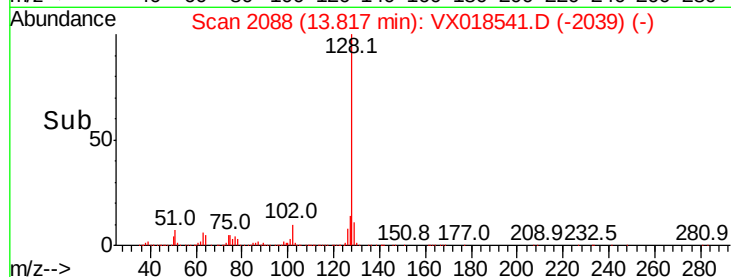
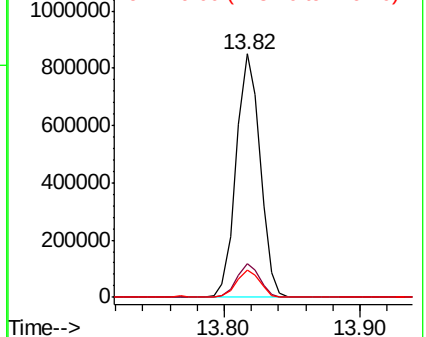
128 100

127 13.5 10.3 15.5

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.402 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

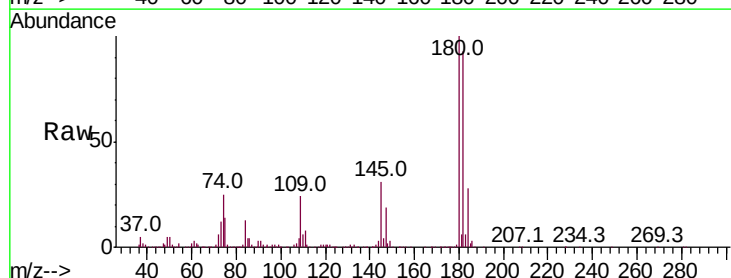
Tgt Ion:180 Resp: 346152

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.3

145 32.8 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

