

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
 Data File : VX018559.D
 Acq On : 24 Sep 2020 10:00
 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 25 01:02:18 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	5.62	168	421235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	610641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	582430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	315398	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	286950	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	5.46	113	221273	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	8.70	98	801535	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.12	95	307147	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	205342	51.417	ug/l	99
3) Chloromethane	1.31	50	207217	44.320	ug/l	99
4) Vinyl Chloride	1.39	62	220079	44.462	ug/l	99
5) Bromomethane	1.64	94	142893	47.035	ug/l	98
6) Chloroethane	1.72	64	125958	44.463	ug/l	97
7) Trichlorofluoromethane	1.92	101	391740	52.096	ug/l	95
8) Diethyl Ether	2.17	74	121661	46.114	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	205158	50.689	ug/l	99
10) Methyl Iodide	2.49	142	224116	45.268	ug/l	94
11) Tert butyl alcohol	3.04	59	202967	195.755	ug/l	100
12) 1,1-Dichloroethene	2.36	96	191603	46.969	ug/l	93
13) Acrolein	2.28	56	181544	276.526	ug/l	97
14) Allyl chloride	2.71	41	347609	43.972	ug/l	98
15) Acrylonitrile	3.12	53	526029	212.627	ug/l	98
16) Acetone	2.43	43	572268	251.109	ug/l	98
17) Carbon Disulfide	2.55	76	558315	45.827	ug/l	100
18) Methyl Acetate	2.75	43	248878	44.077	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	683358	47.720	ug/l	99
20) Methylene Chloride	2.84	84	217708	43.297	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	218088	46.000	ug/l	97
22) Diisopropyl ether	3.82	45	693911	46.699	ug/l	94
23) Vinyl Acetate	3.78	43	3040401	230.909	ug/l	100
24) 1,1-Dichloroethane	3.67	63	391946	45.737	ug/l	98
25) 2-Butanone	4.64	43	801329	225.794	ug/l	97
26) 2,2-Dichloropropane	4.55	77	377005	47.615	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	236145	44.439	ug/l	100
28) Bromochloromethane	4.98	49	181883	45.357	ug/l	99
29) Tetrahydrofuran	5.09	42	469616	209.946	ug/l	98
30) Chloroform	5.17	83	421951	48.529	ug/l	99
31) Cyclohexane	5.54	56	327474	45.411	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	393704	48.265	ug/l	98
36) 1,1-Dichloropropene	5.76	75	306770	51.759	ug/l	98
37) Ethyl Acetate	4.79	43	295563	46.699	ug/l	99
38) Carbon Tetrachloride	5.75	117	372757	56.787	ug/l	91

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Instrument :
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 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 25 01:02:18 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)
39) Methylcyclohexane	7.44	83	344052	51.669	ug/l	97
40) Benzene	6.11	78	858671	50.553	ug/l	99
41) Methacrylonitrile	5.00	41	168703	47.970	ug/l	98
42) 1,2-Dichloroethane	6.16	62	355352	53.776	ug/l	99
43) Isopropyl Acetate	6.40	43	492577	46.900	ug/l	99
44) Trichloroethene	7.18	130	249197	50.679	ug/l	95
45) 1,2-Dichloropropane	7.49	63	230789	49.503	ug/l	100
46) Dibromomethane	7.63	93	161768	50.505	ug/l	99
47) Bromodichloromethane	7.87	83	348780	54.031	ug/l	98
48) Methyl methacrylate	7.74	41	249123	48.732	ug/l	99
49) 1,4-Dioxane	7.75	88	84173	996.503	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1516673	242.533	ug/l	100
52) Toluene	8.76	92	559735	52.367	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	378007	51.535	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	393333	52.053	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	225461	50.834	ug/l	97
56) Ethyl methacrylate	9.16	69	328087	49.888	ug/l	98
57) 1,3-Dichloropropane	9.35	76	376011	50.460	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	936742	267.912	ug/l	99
59) 2-Hexanone	9.47	43	1196925	251.643	ug/l	98
60) Dibromochloromethane	9.56	129	281314	53.193	ug/l	99
61) 1,2-Dibromoethane	9.65	107	244790	51.873	ug/l	100
64) Tetrachloroethene	9.32	164	246108	53.672	ug/l	95
65) Chlorobenzene	10.12	112	618950	51.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	247355	51.414	ug/l	100
67) Ethyl Benzene	10.23	91	1086650	52.347	ug/l	98
68) m/p-Xylenes	10.34	106	830550	105.767	ug/l	99
69) o-Xylene	10.68	106	377579	50.777	ug/l	98
70) Styrene	10.70	104	673364	52.445	ug/l	98
71) Bromoform	10.84	173	207633	51.401	ug/l #	98
73) Isopropylbenzene	11.00	105	1087939	51.635	ug/l	99
74) N-amyl acetate	10.88	43	428857	45.211	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	327910	47.019	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	403226	60.838	ug/l	83
77) Bromobenzene	11.24	156	278585	47.920	ug/l	98
78) n-propylbenzene	11.34	91	1252133	50.770	ug/l	99
79) 2-Chlorotoluene	11.40	91	745031	49.906	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	937709	52.039	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	118045	45.639	ug/l	96
82) 4-Chlorotoluene	11.49	91	910564	51.312	ug/l	99
83) tert-Butylbenzene	11.76	119	889321	50.832	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	951273	52.421	ug/l	98
85) sec-Butylbenzene	11.93	105	1059508	51.326	ug/l	100
86) p-Isopropyltoluene	12.05	119	1024777	54.016	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	515057	49.275	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	526369	49.664	ug/l	99
89) n-Butylbenzene	12.37	91	899555	51.219	ug/l	100
90) Hexachloroethane	12.58	117	185973	49.102	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	499034	51.008	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	80050	47.282	ug/l	99

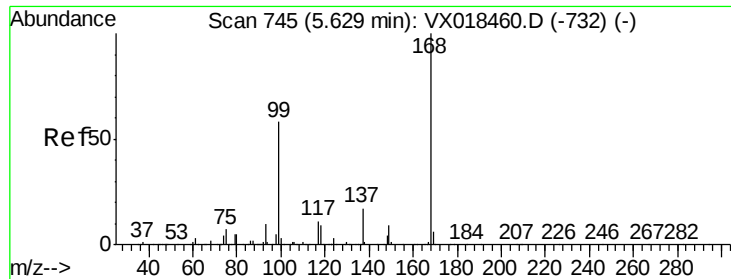
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
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Acq On : 24 Sep 2020 10:00
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VSTDCCC050

Quant Time: Sep 25 01:02:18 2020
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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)
93) 1,2,4-Trichlorobenzene	13.63	180	331939	48.750	ug/l	97
94) Hexachlorobutadiene	13.77	225	154308	54.005	ug/l	98
95) Naphthalene	13.82	128	1016964	49.455	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	335423	51.546	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

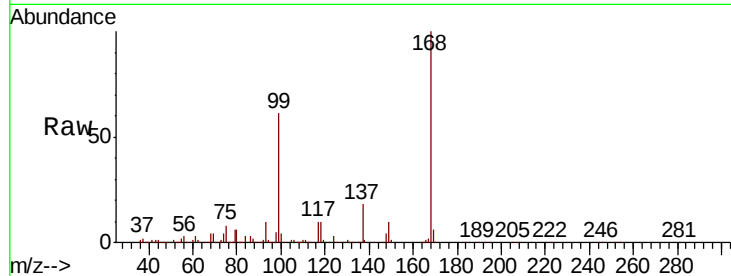
VSTDCCC050

Tot Ion:168 Resp: 421235

Ion Ratio Lower Upper

168 100

99 60.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

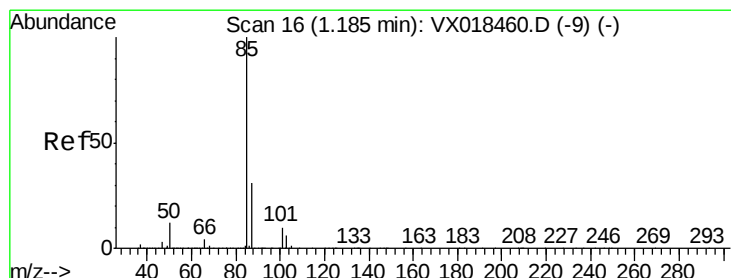
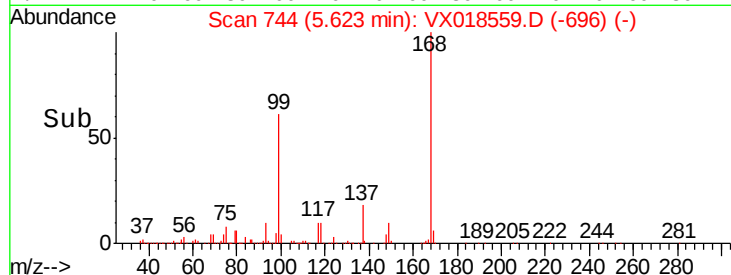
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 51.417 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018559.D

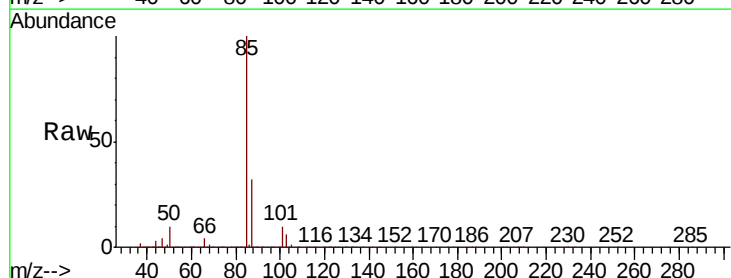
Acq: 24 Sep 2020 10:00

Tgt Ion: 85 Resp: 205342

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

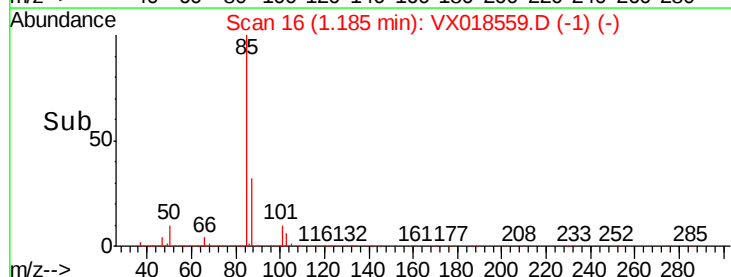
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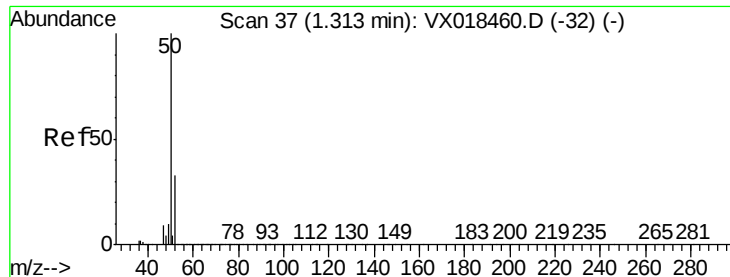
50000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 44.320 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

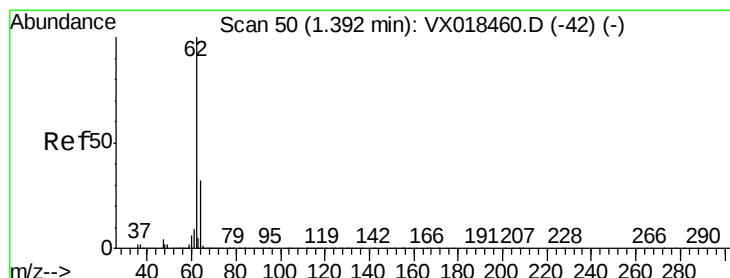
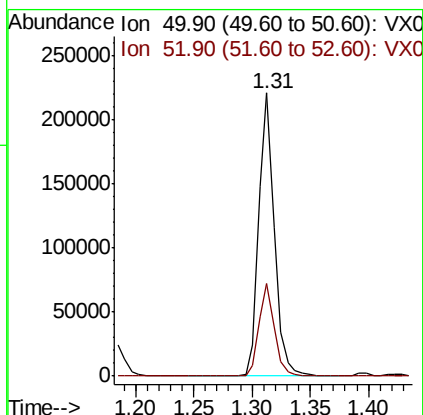
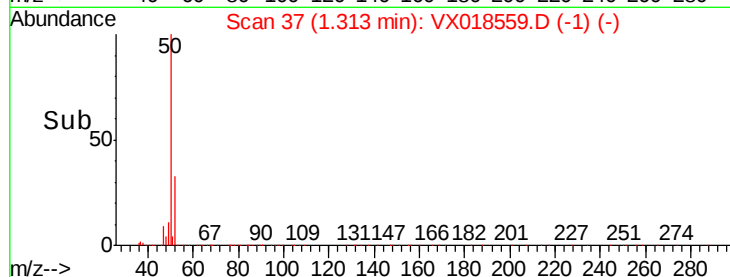
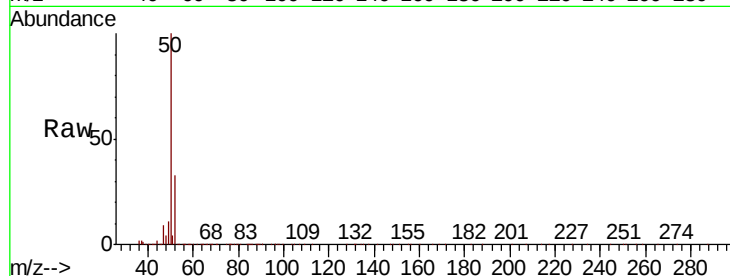
VSTDCCC050

Tot Ion: 50 Resp: 207217

Ion Ratio Lower Upper

50 100

52 32.8 26.6 40.0



#4

Vinyl Chloride

Concen: 44.462 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018559.D

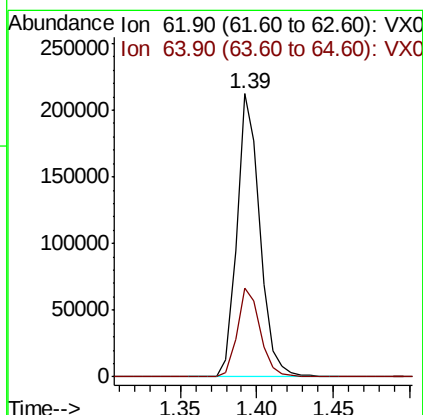
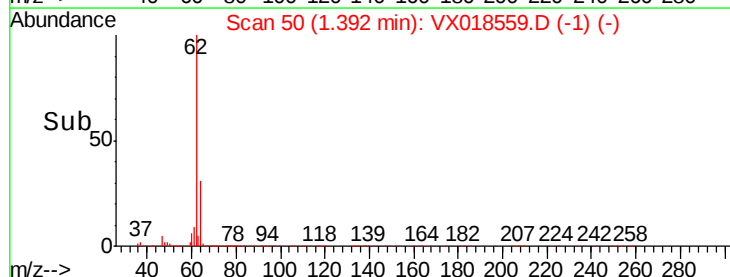
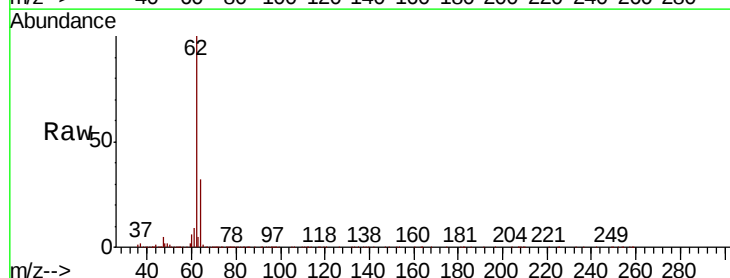
Acq: 24 Sep 2020 10:00

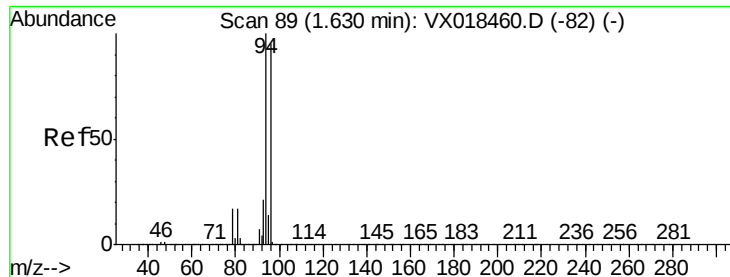
Tgt Ion: 62 Resp: 220079

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 47.035 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

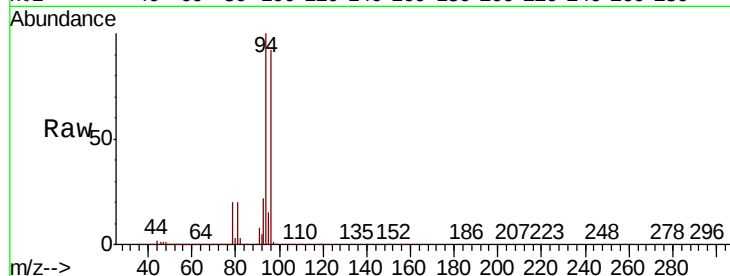
VSTDCCC050

Tot Ion: 94 Resp: 142893

Ion Ratio Lower Upper

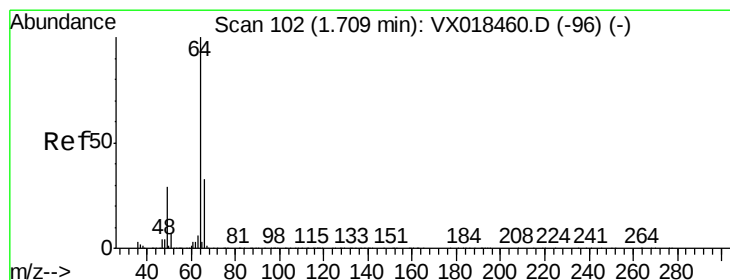
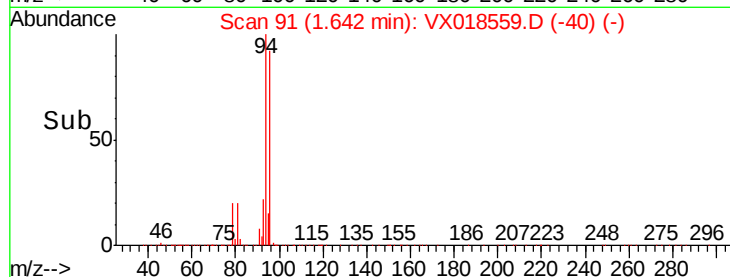
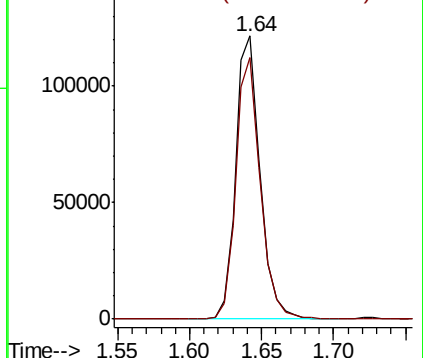
94 100

96 92.3 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.463 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018559.D

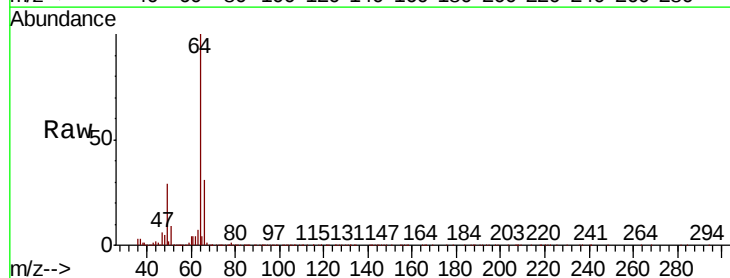
Acq: 24 Sep 2020 10:00

Tgt Ion: 64 Resp: 125958

Ion Ratio Lower Upper

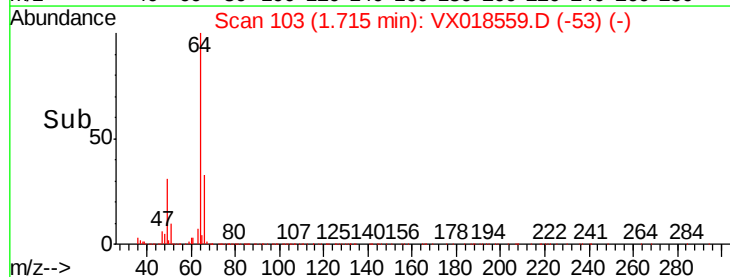
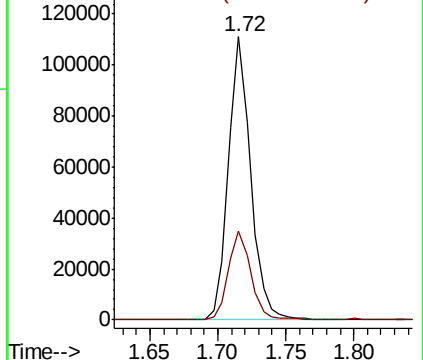
64 100

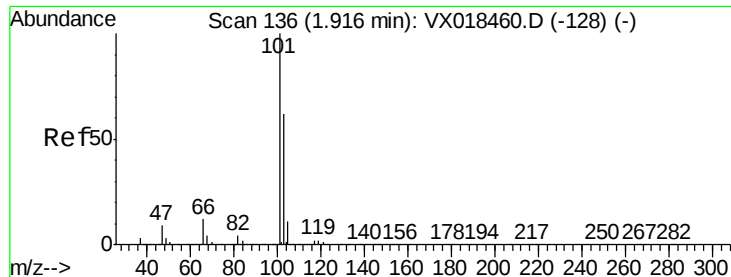
66 31.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



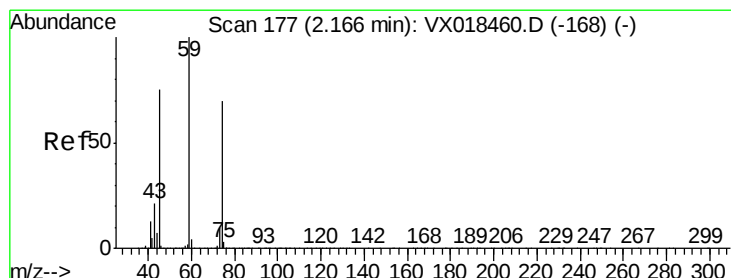
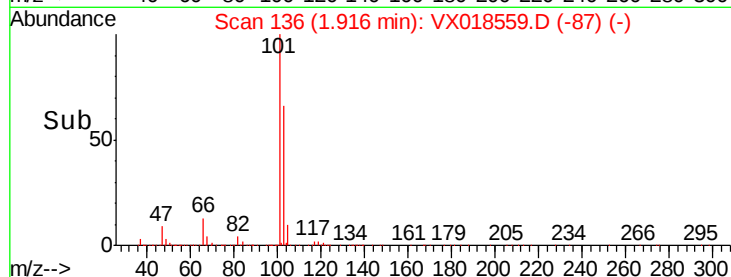
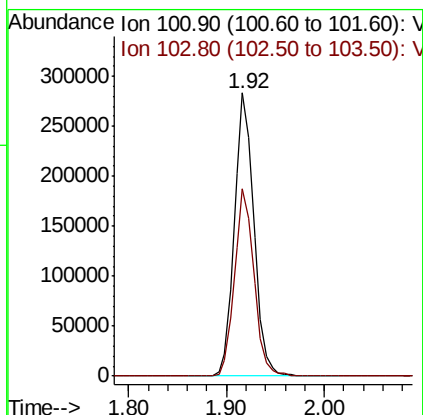
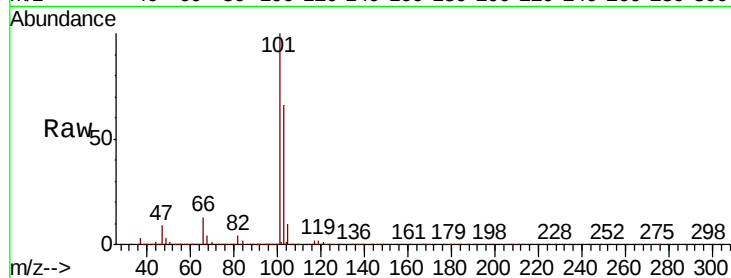


#7

Trichlorofluoromethane
Concen: 52.096 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Instrument :
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VSTDCCC050

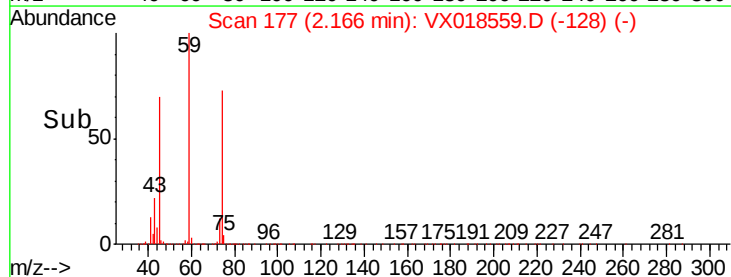
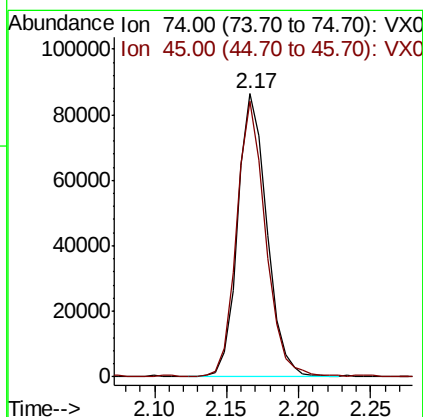
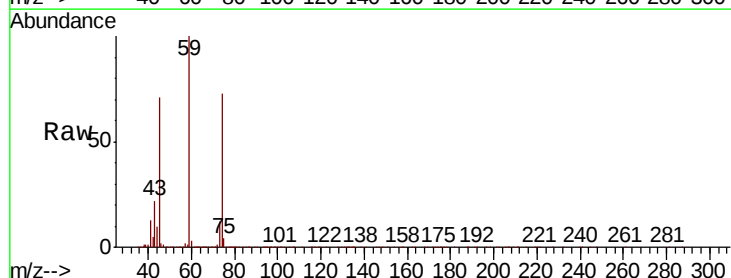
Tot Ion:101 Resp: 391740
Ion Ratio Lower Upper
101 100
103 66.0 49.6 74.4

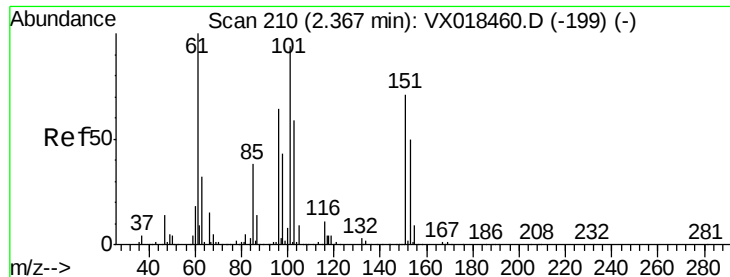


#8

Diethyl Ether
Concen: 46.114 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion: 74 Resp: 121661
Ion Ratio Lower Upper
74 100
45 96.6 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.689 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

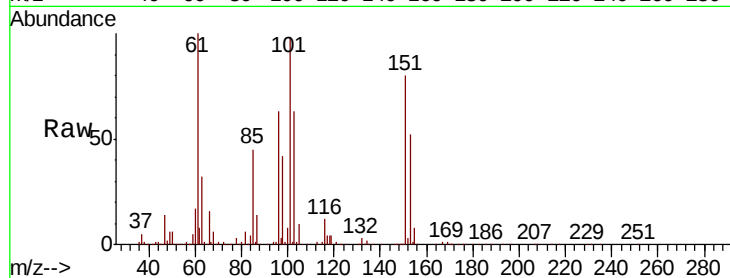
Tot Ion:101 Resp: 205158

Ion Ratio Lower Upper

101 100

85 44.2 34.7 52.1

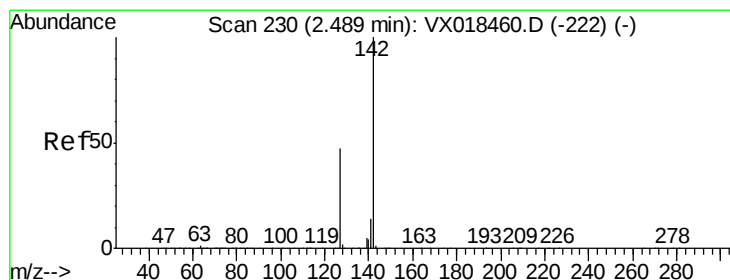
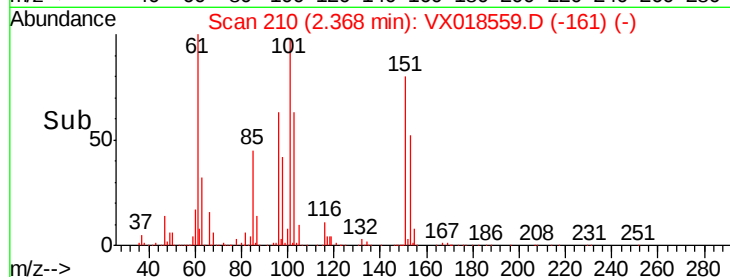
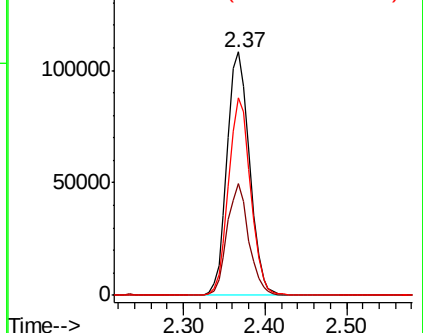
151 79.7 64.9 97.3



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: 45.268 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

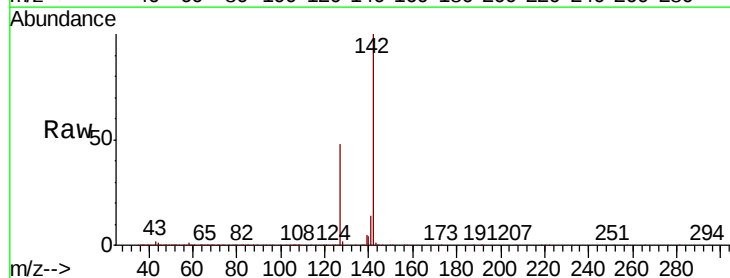
Tgt Ion:142 Resp: 224116

Ion Ratio Lower Upper

142 100

127 49.7 36.0 54.0

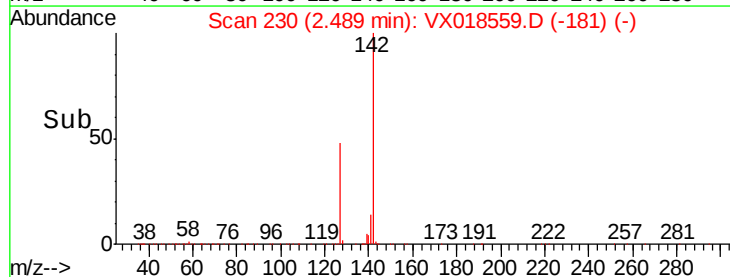
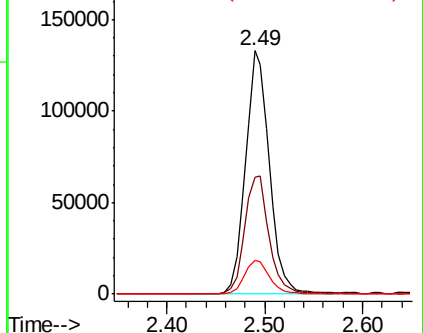
141 14.7 11.9 17.9

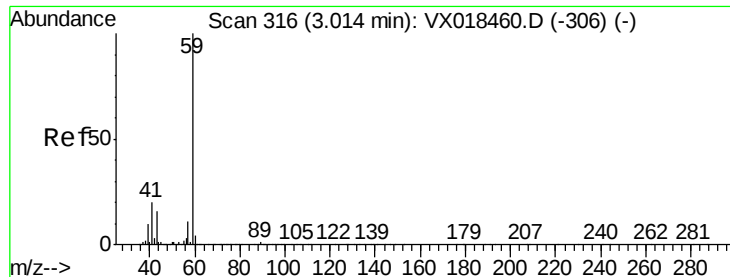


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



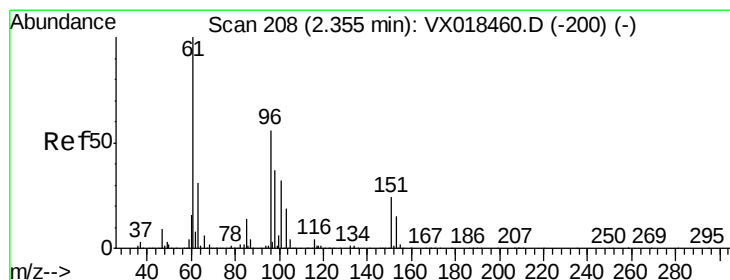
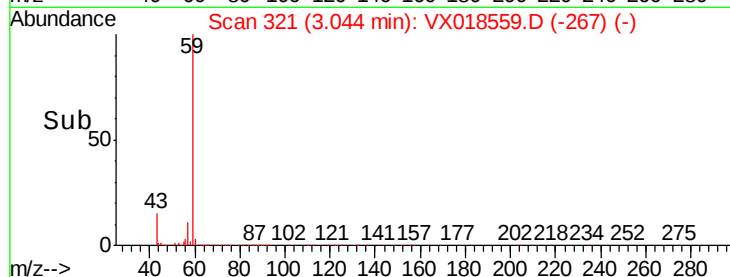
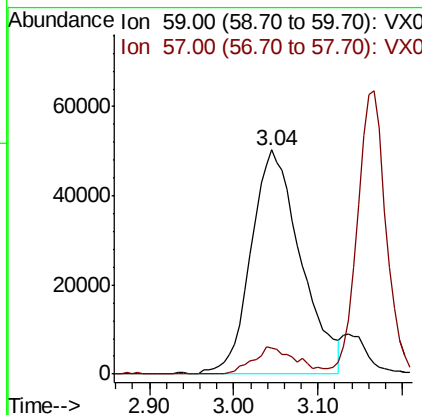
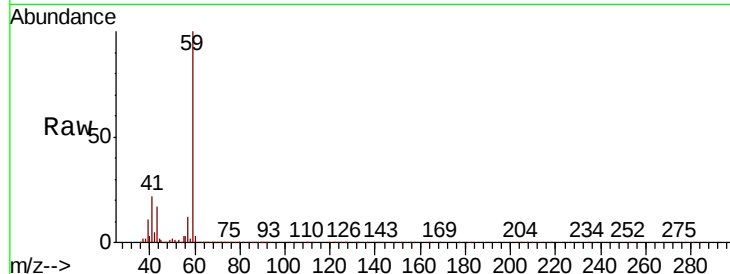


#11

Tert butyl alcohol
 Concen: 195.755 ug/l
 RT: 3.04 min Scan# 321
 Delta R.T. 0.03 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

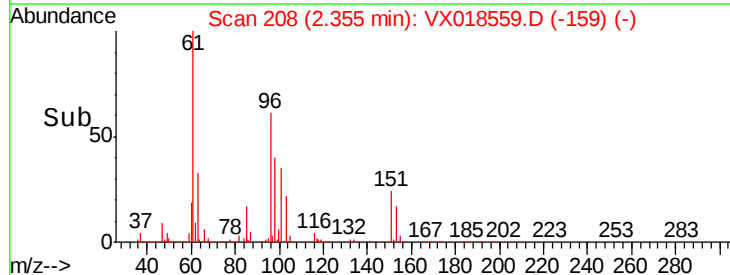
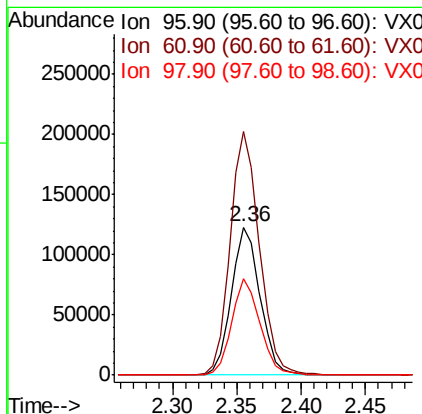
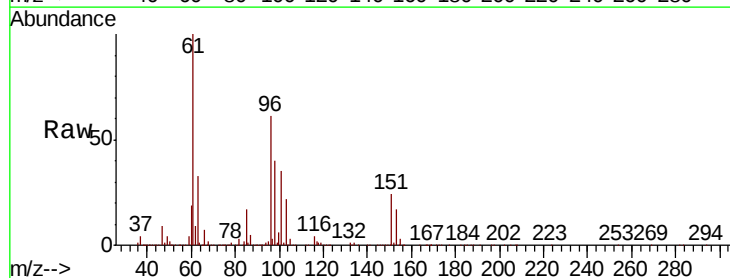
Tot Ion: 59 Resp: 202967
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

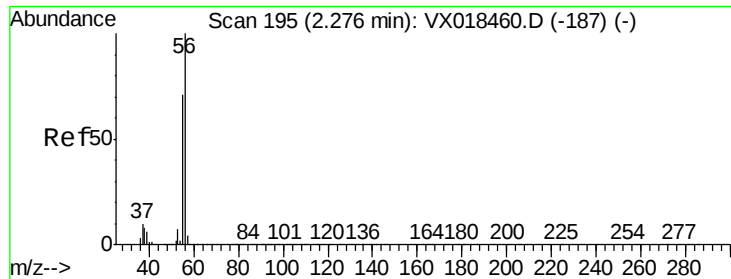


#12

1,1-Dichloroethene
 Concen: 46.969 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

Tgt Ion: 96 Resp: 191603
 Ion Ratio Lower Upper
 96 100
 61 164.4 142.2 213.4
 98 65.4 52.4 78.6

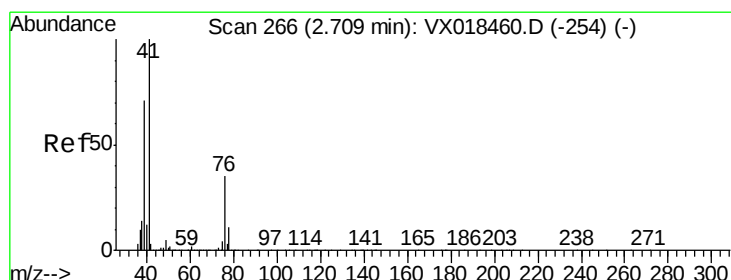
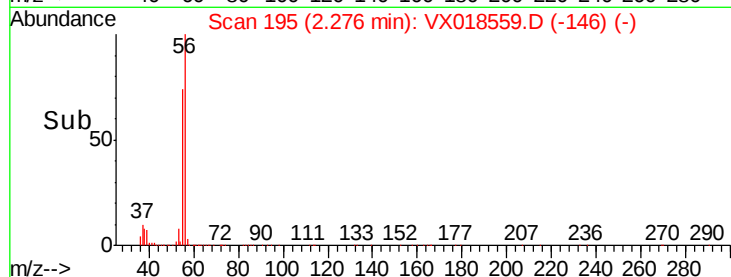
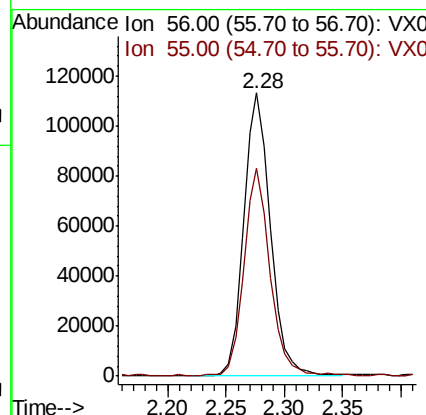
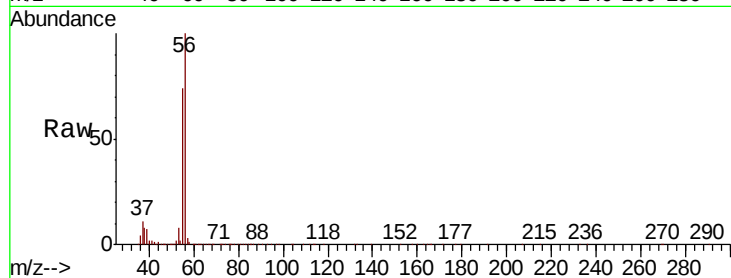




#13
Acrolein
Concen: 276.526 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

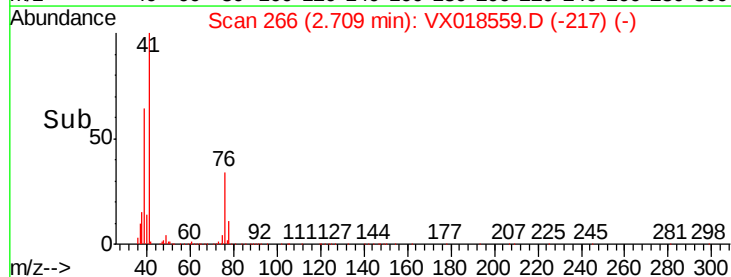
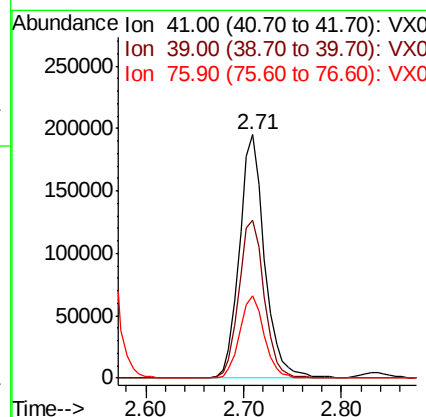
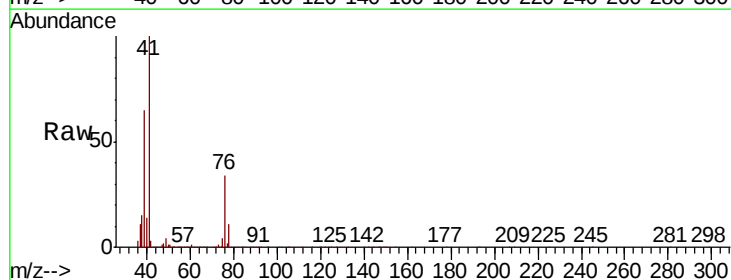
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

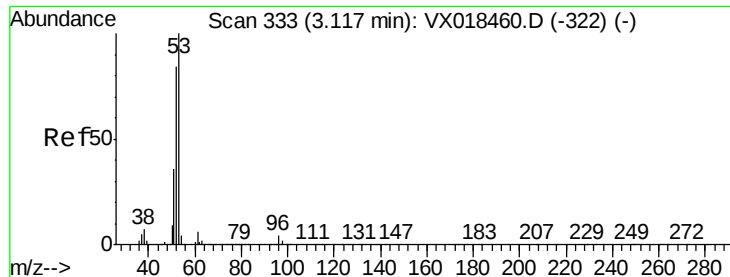
Tot Ion: 56 Resp: 181544
Ion Ratio Lower Upper
56 100
55 70.7 58.2 87.4



#14
Allyl chloride
Concen: 43.972 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion: 41 Resp: 347609
Ion Ratio Lower Upper
41 100
39 65.7 51.1 76.7
76 32.9 26.0 39.0





#15

Acrylonitrile

Concen: 212.627 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

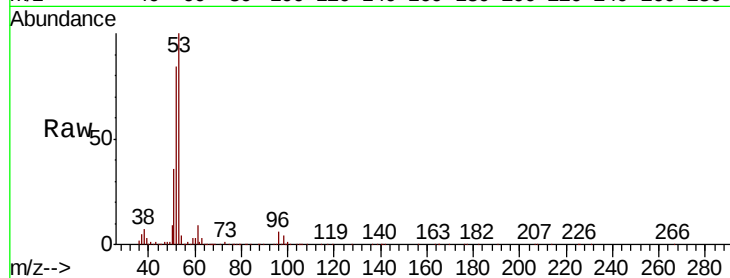
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 526029

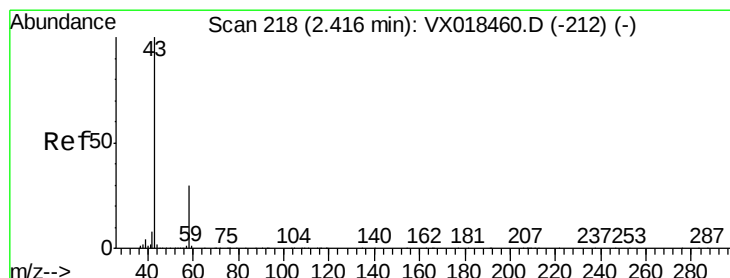
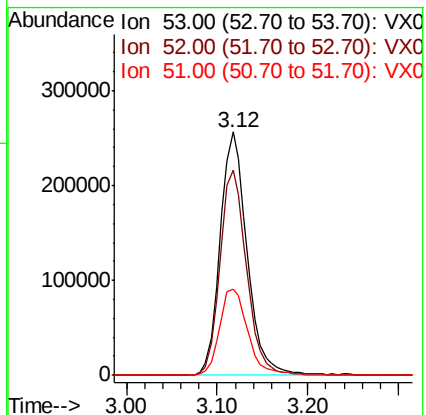
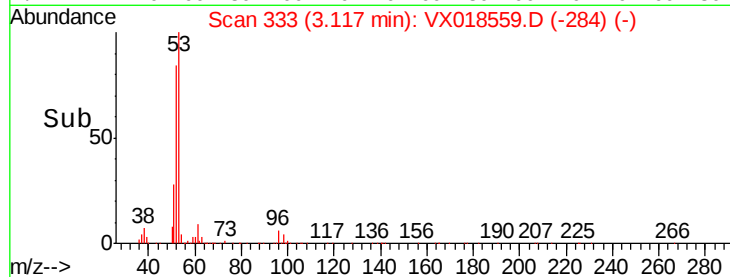
Ion	Ratio	Lower	Upper
53	100		
52	84.1	65.8	98.8
51	37.2	29.2	43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 251.109 ug/l

RT: 2.43 min Scan# 220

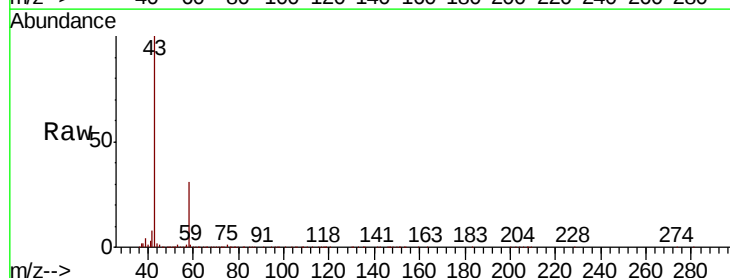
Delta R.T. 0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

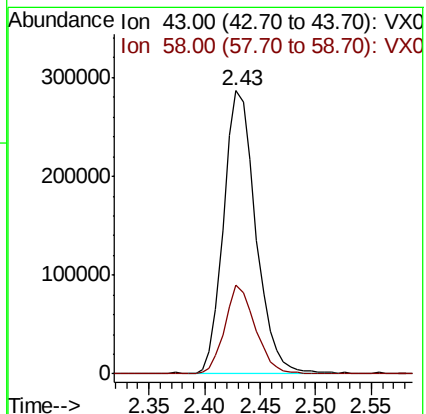
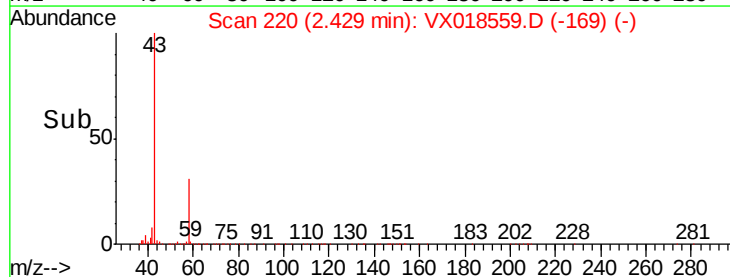
Tgt Ion: 43 Resp: 572268

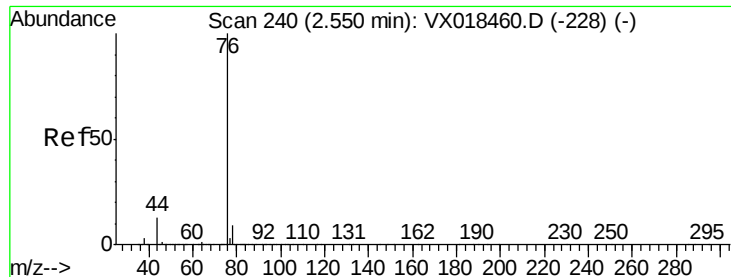
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.0	36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

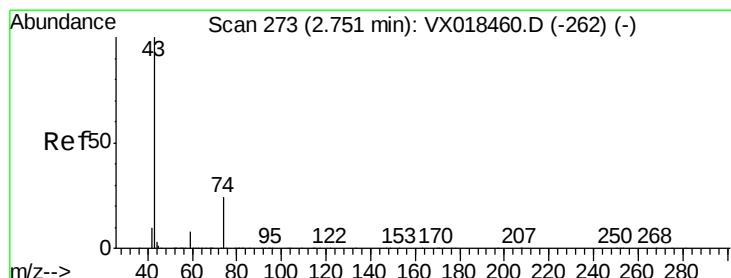
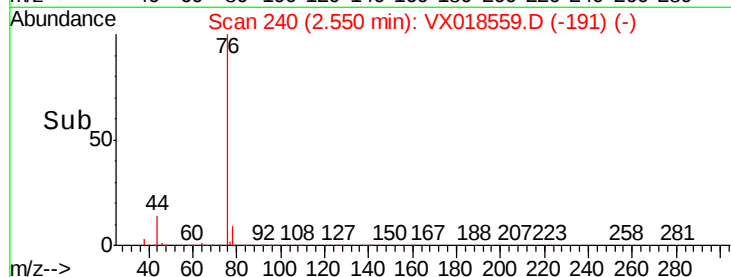
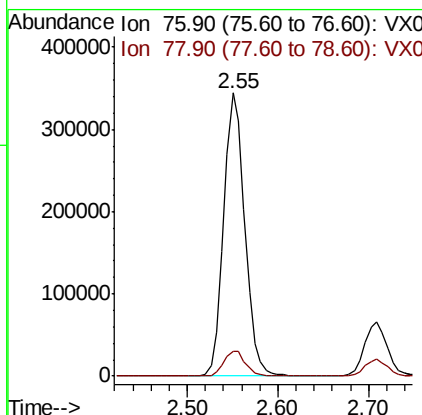
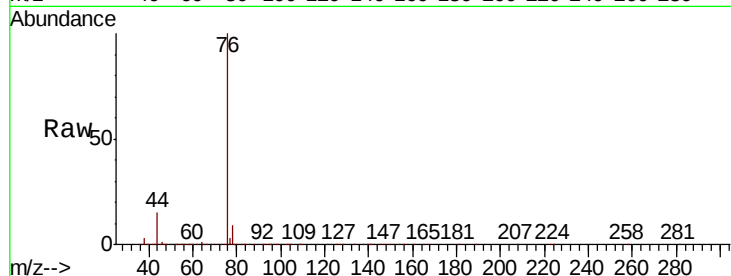




#17
Carbon Disulfide
Concen: 45.827 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

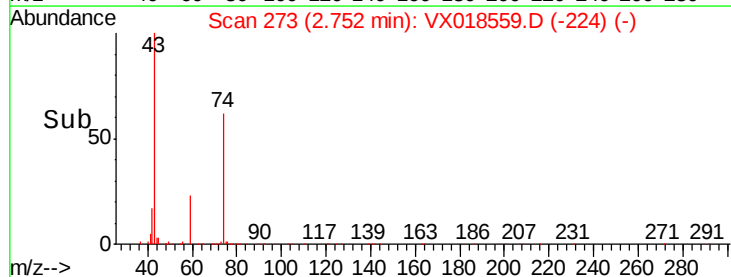
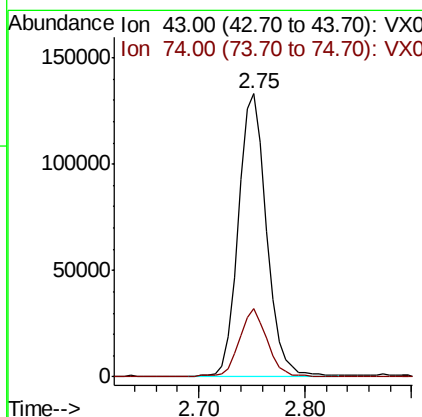
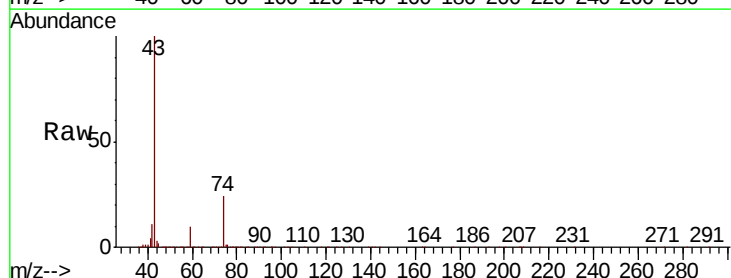
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

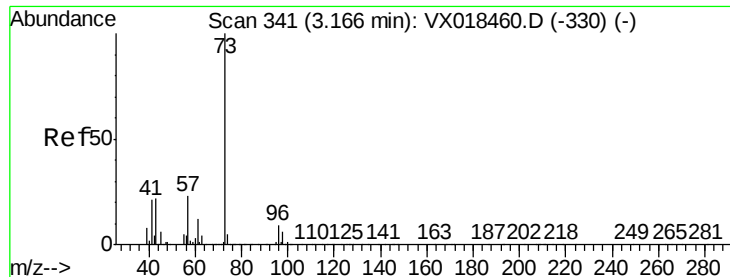
Tot Ion: 76 Resp: 558315
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 44.077 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion: 43 Resp: 248878
Ion Ratio Lower Upper
43 100
74 24.0 18.3 27.5

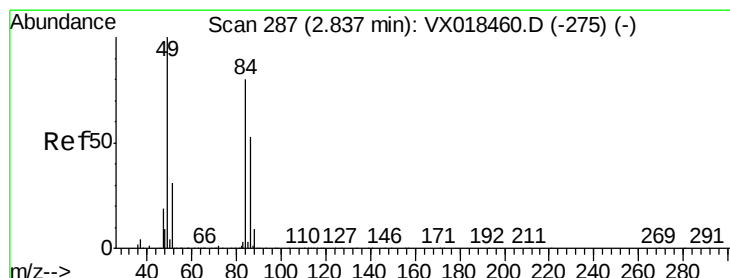
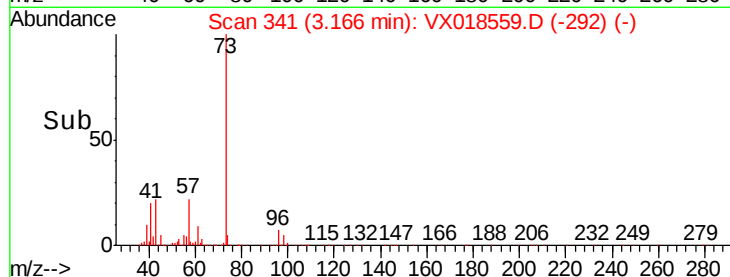
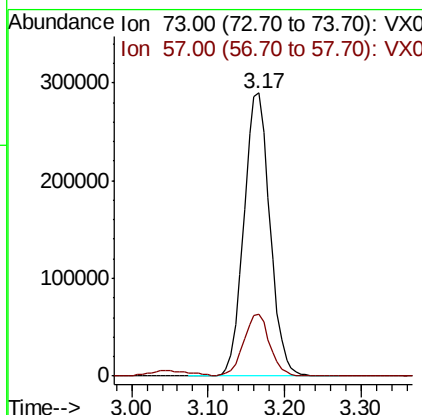
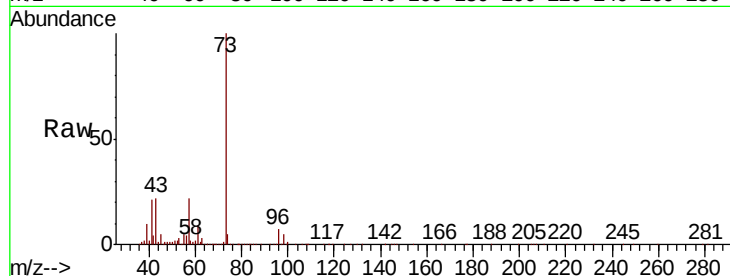




#19
Methyl tert-butyl Ether
Concen: 47.720 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

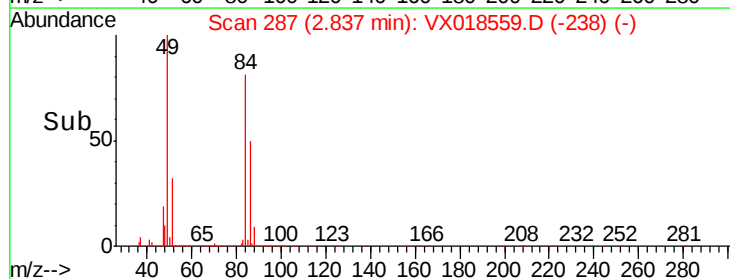
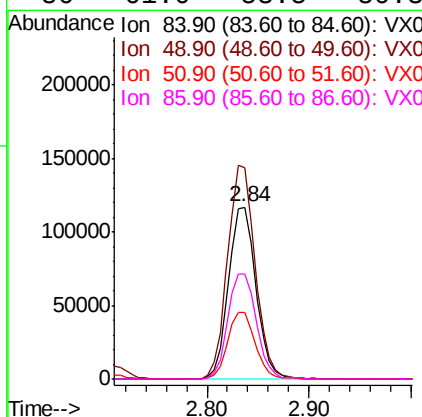
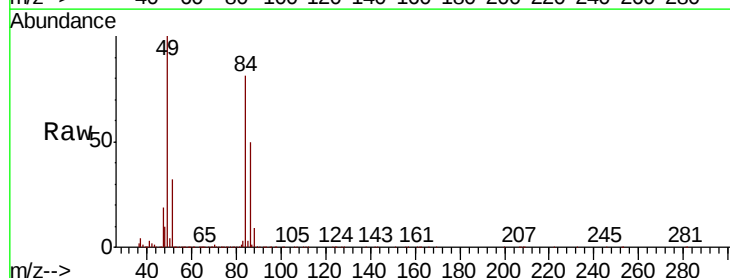
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

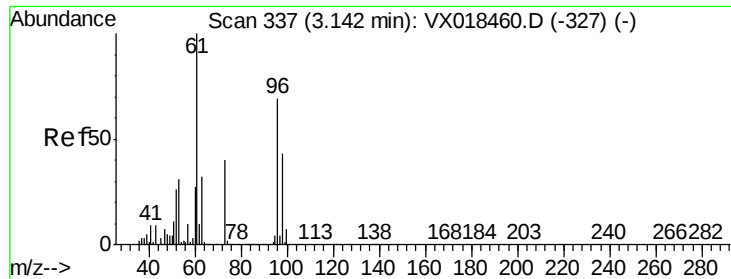
Tot Ion: 73 Resp: 683358
Ion Ratio Lower Upper
73 100
57 21.9 18.0 27.0



#20
Methylene Chloride
Concen: 43.297 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion: 84 Resp: 217708
Ion Ratio Lower Upper
84 100
49 122.7 100.6 151.0
51 38.8 30.9 46.3
86 61.0 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 46.000 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

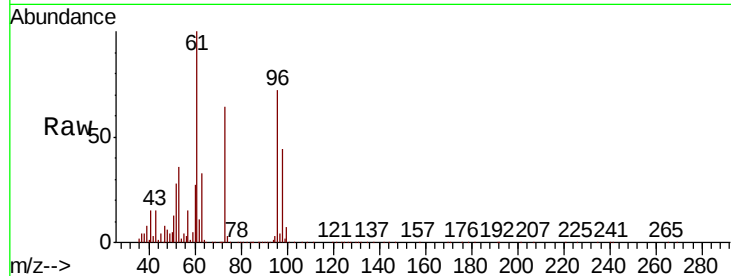
Tot Ion: 96 Resp: 218088

Ion Ratio Lower Upper

96 100

61 139.6 115.6 173.4

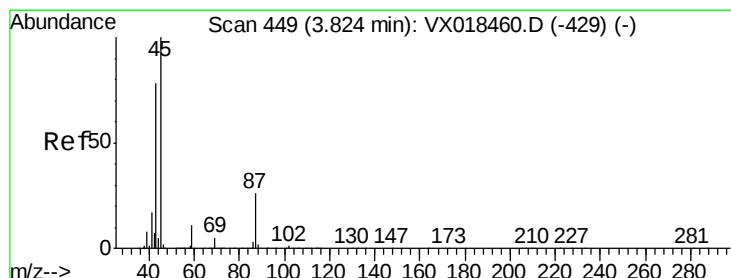
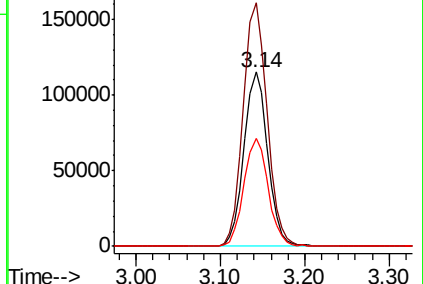
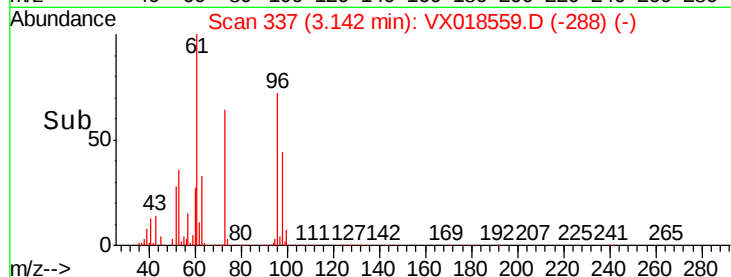
98 61.8 50.2 75.4



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



#22

Diisopropyl ether

Concen: 46.699 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Tgt Ion: 45 Resp: 693911

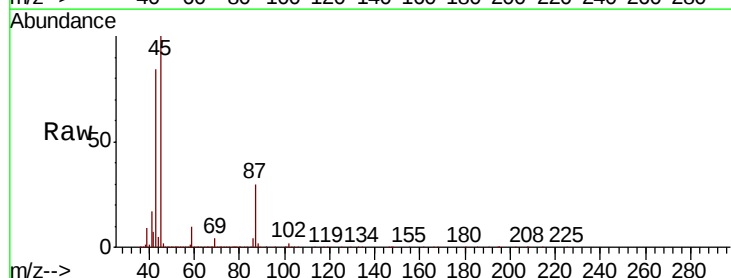
Ion Ratio Lower Upper

45 100

43 83.3 62.4 93.6

87 29.9 21.2 31.8

59 10.4 8.9 13.3

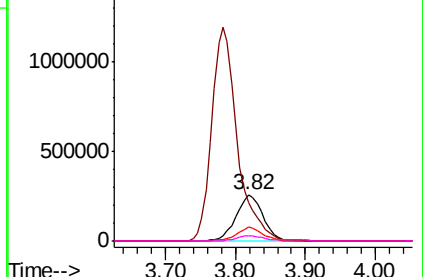
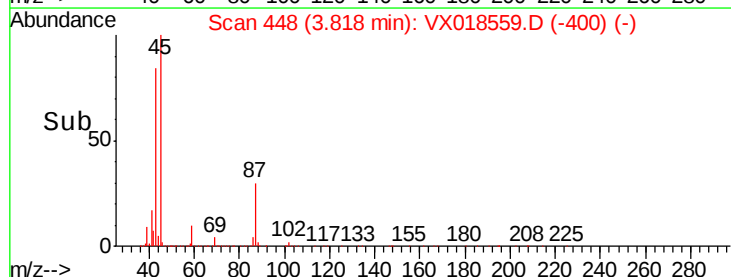


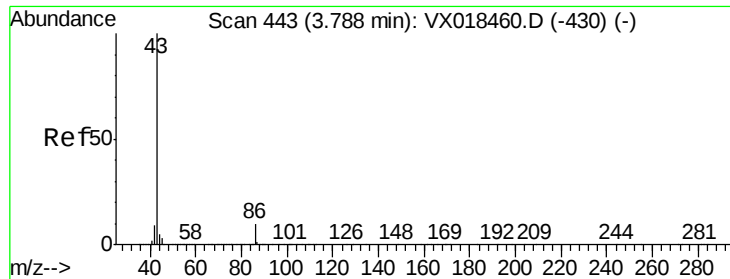
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 230.909 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

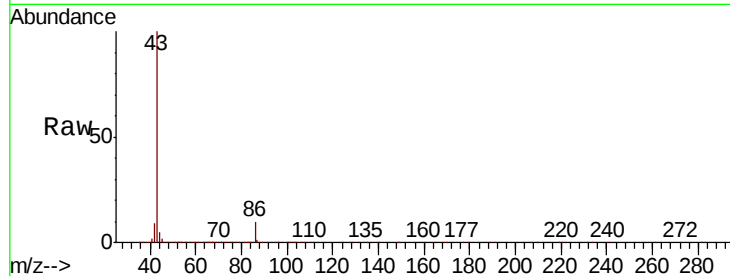
VSTDCCC050

Tot Ion: 43 Resp: 3040401

Ion Ratio Lower Upper

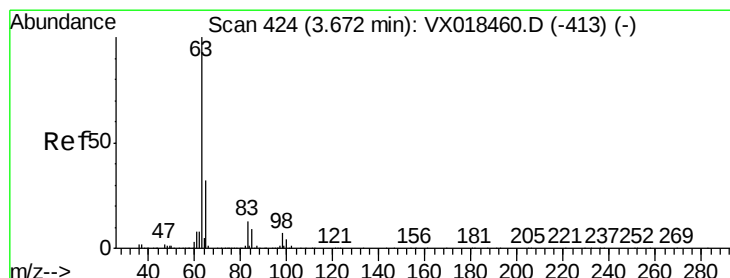
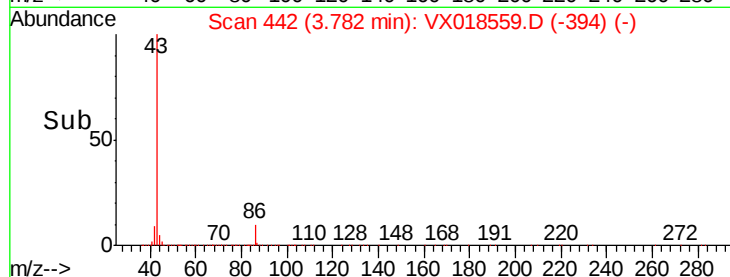
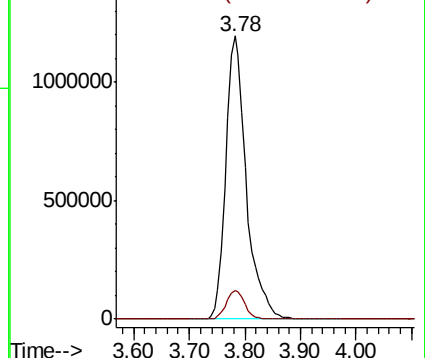
43 100

86 10.2 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.737 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

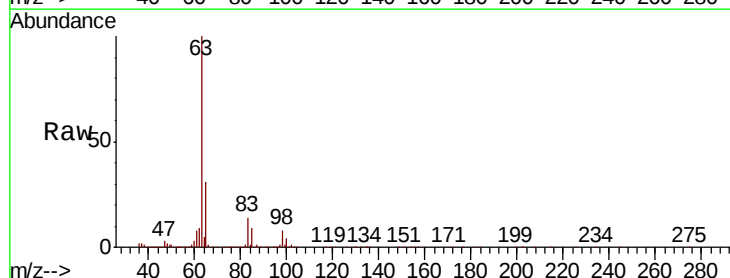
Tgt Ion: 63 Resp: 391946

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.6

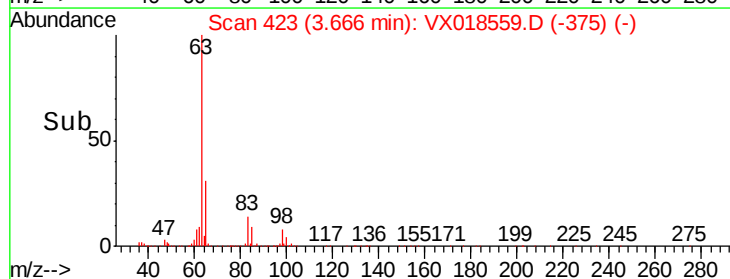
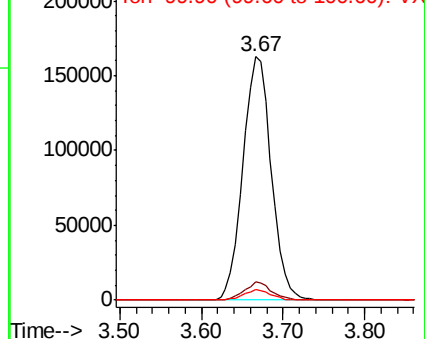
100 4.4 1.9 5.7

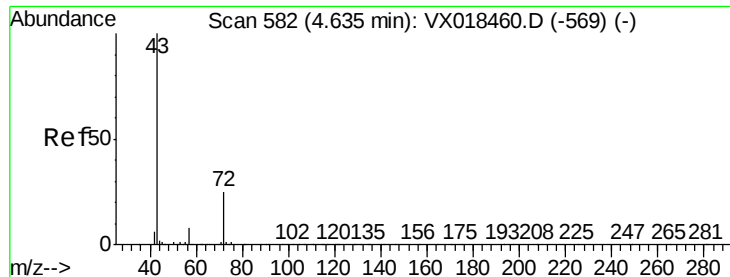


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

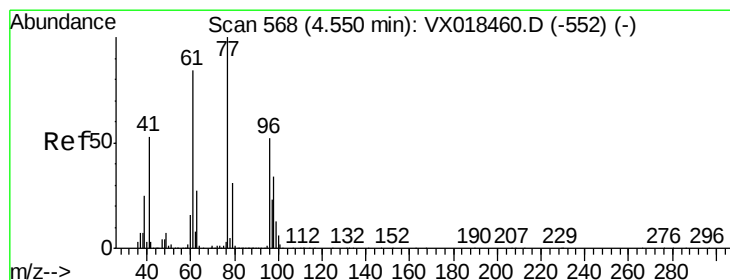
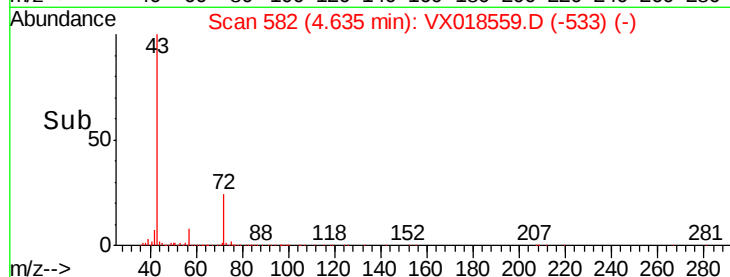
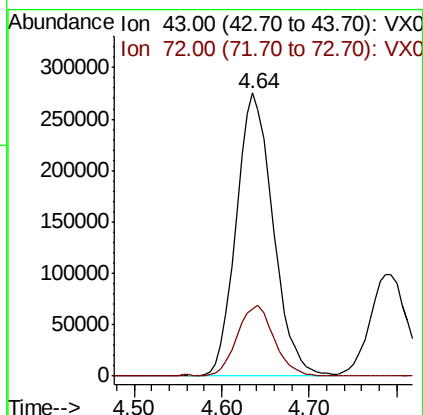
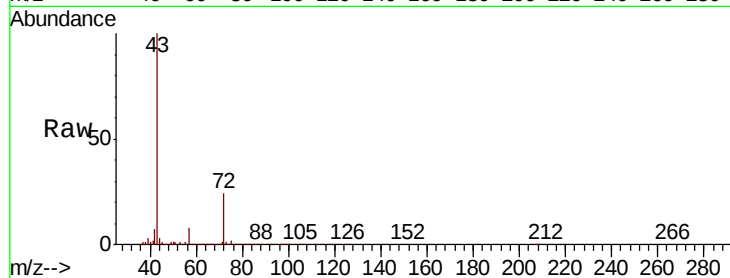




#25
2-Butanone
Concen: 225.794 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

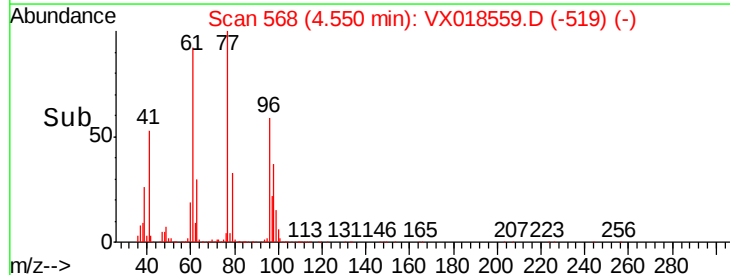
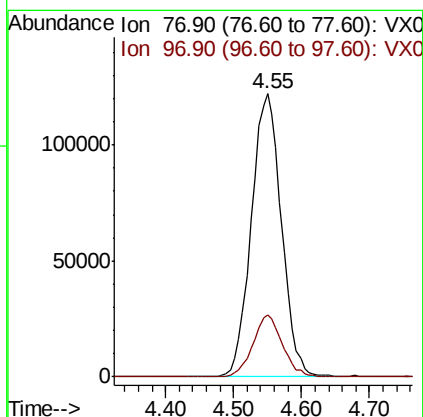
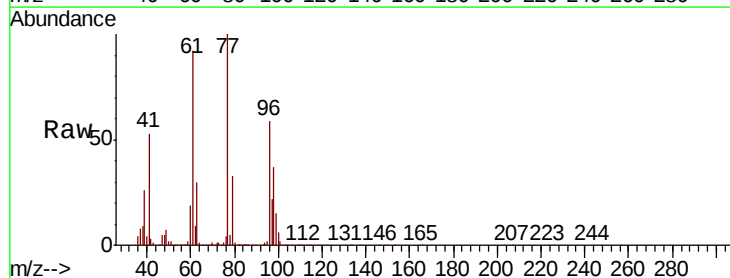
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

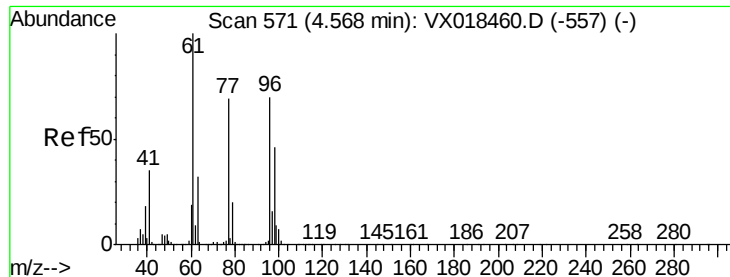
Tot Ion: 43 Resp: 801329
Ion Ratio Lower Upper
43 100
72 23.8 20.2 30.4



#26
2,2-Dichloropropane
Concen: 47.615 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion: 77 Resp: 377005
Ion Ratio Lower Upper
77 100
97 21.4 11.2 33.5



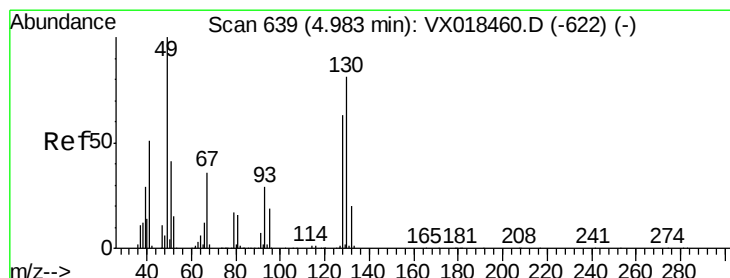
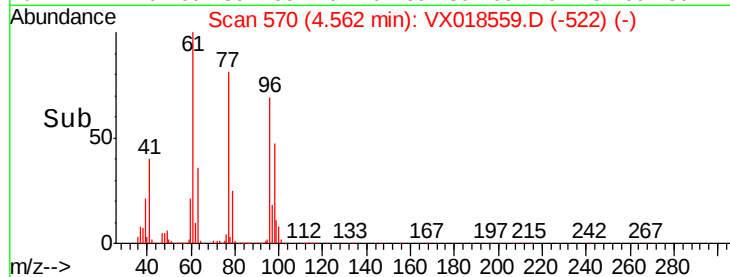
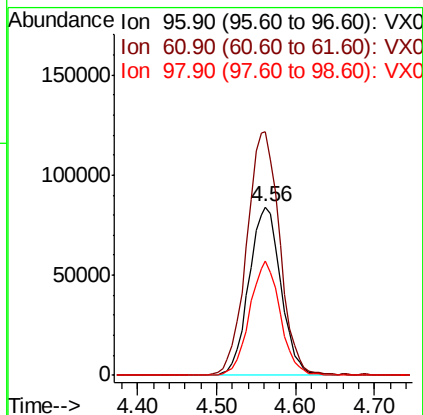
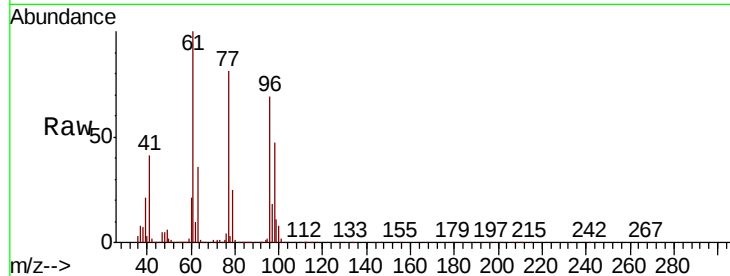


#27

cis-1,2-Dichloroethene
 Concen: 44.439 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

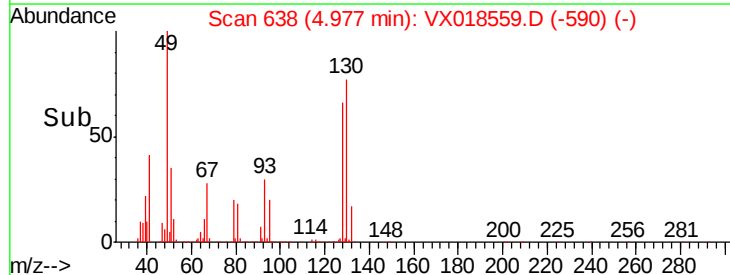
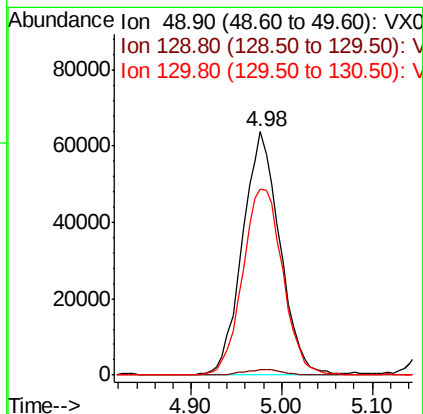
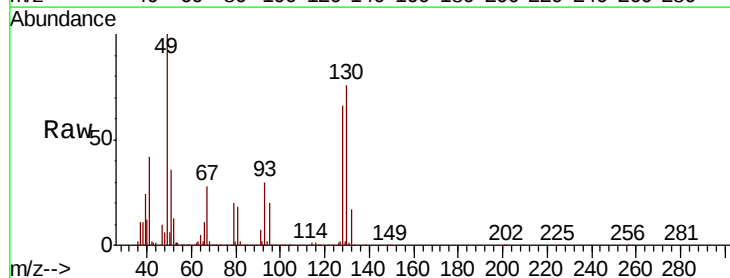
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	300.0
98	64.7	0.0	130.4

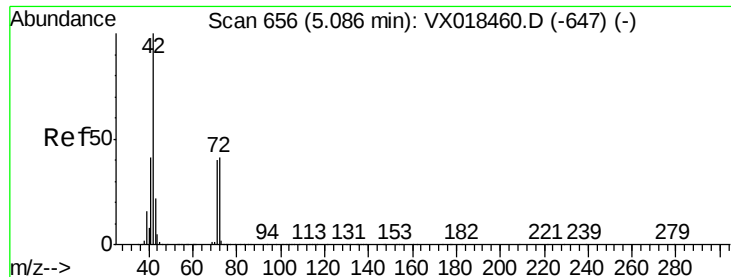


#28

Bromochloromethane
 Concen: 45.357 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	82.2	65.0	97.4





#29

Tetrahydrofuran

Concen: 209.946 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

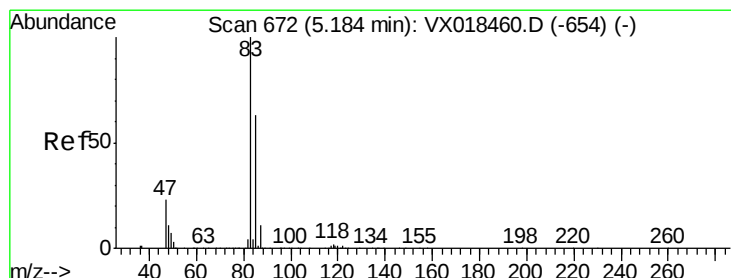
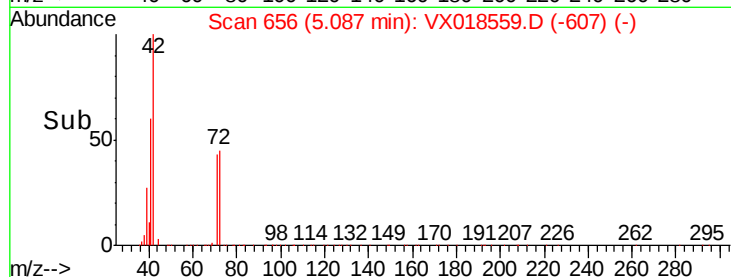
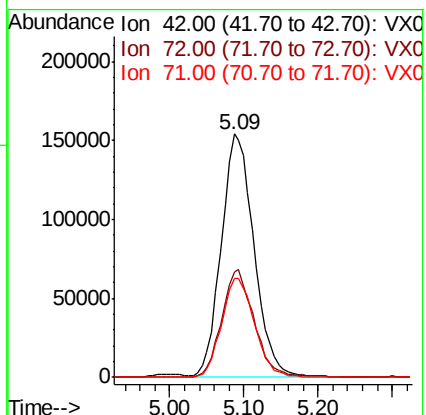
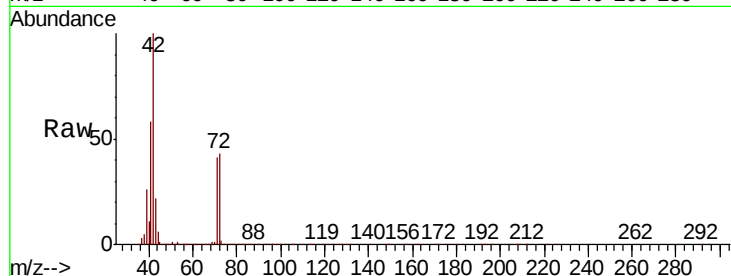
Tot Ion: 42 Resp: 469616

Ion Ratio Lower Upper

42 100

72 43.7 34.3 51.5

71 41.5 32.1 48.1



#30

Chloroform

Concen: 48.529 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018559.D

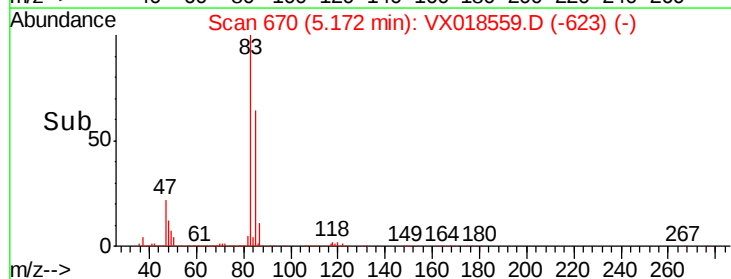
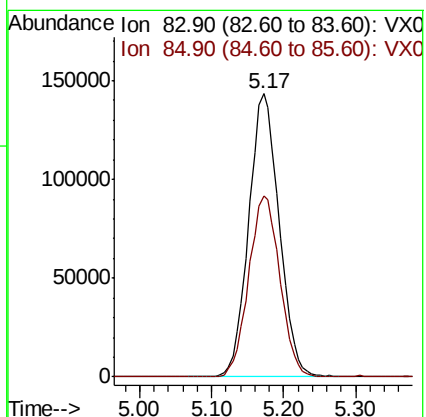
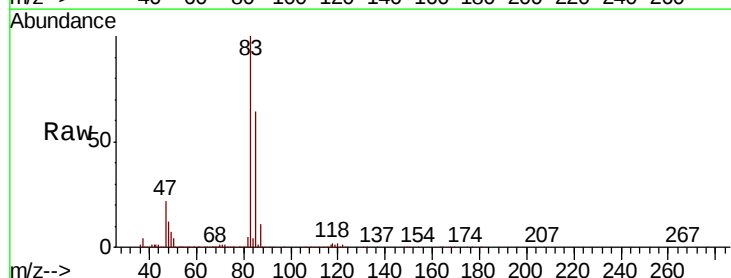
Acq: 24 Sep 2020 10:00

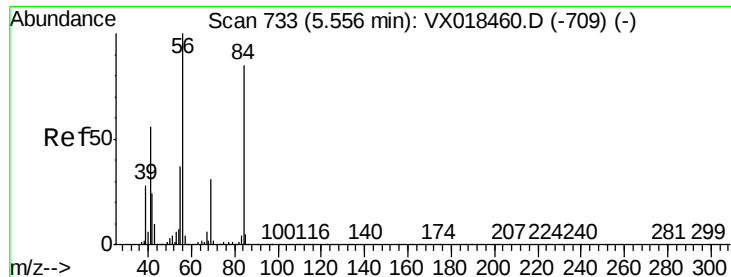
Tgt Ion: 83 Resp: 421951

Ion Ratio Lower Upper

83 100

85 63.8 50.6 76.0

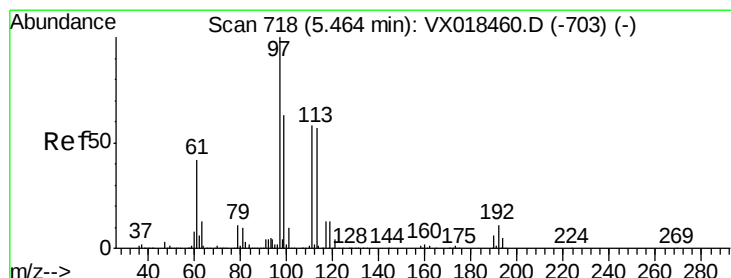
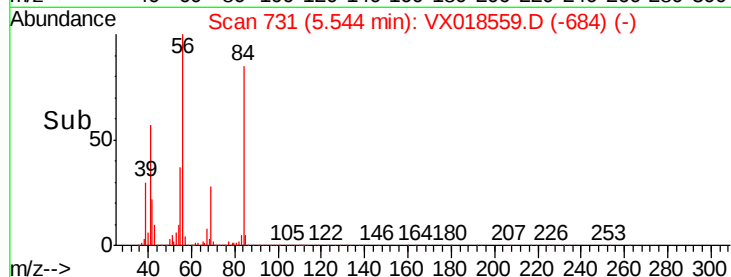
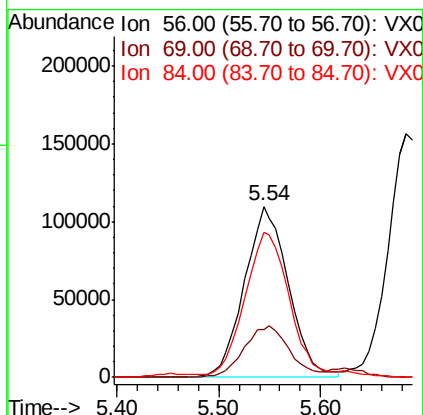
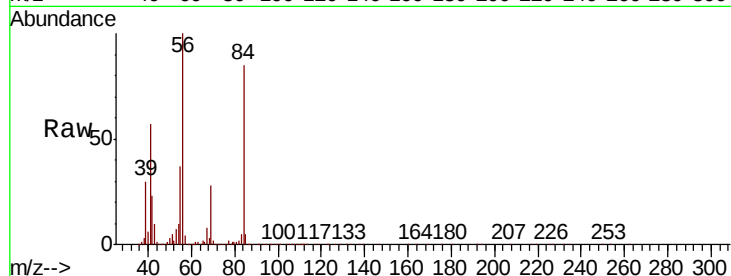




#31
Cyclohexane
Concen: 45.411 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

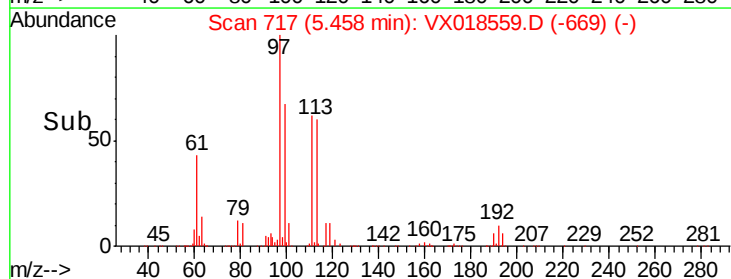
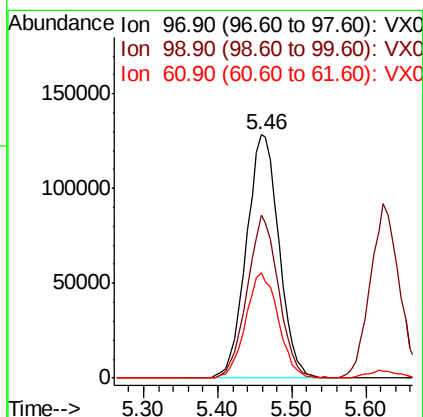
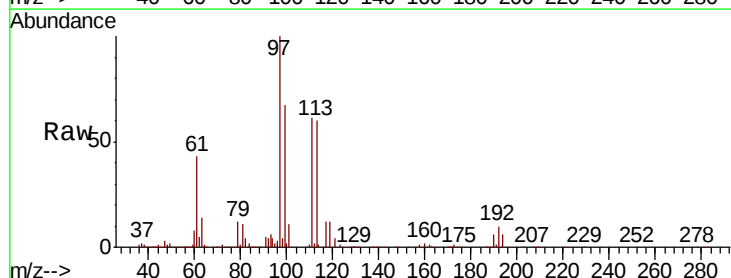
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

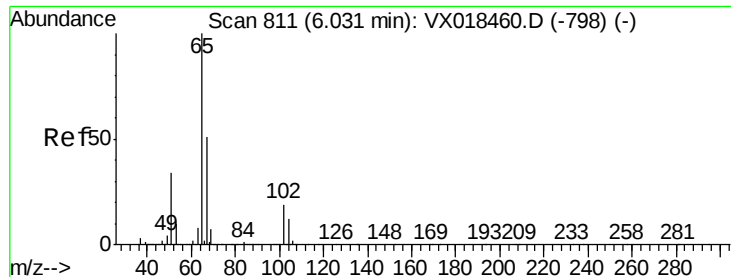
Tot Ion: 56 Resp: 327474
Ion Ratio Lower Upper
56 100
69 28.2 24.8 37.2
84 83.5 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 48.265 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion: 97 Resp: 393704
Ion Ratio Lower Upper
97 100
99 64.6 50.5 75.7
61 43.4 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 48.154 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

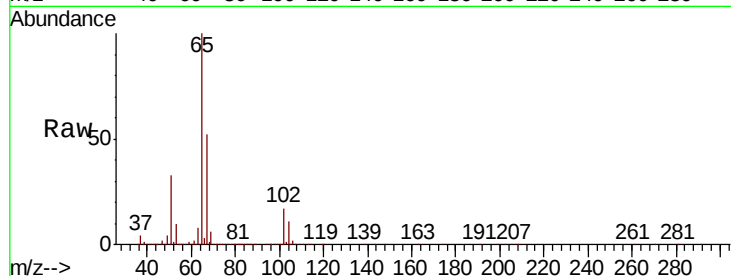
VSTDCCC050

Tot Ion: 65 Resp: 286950

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

120000

100000

80000

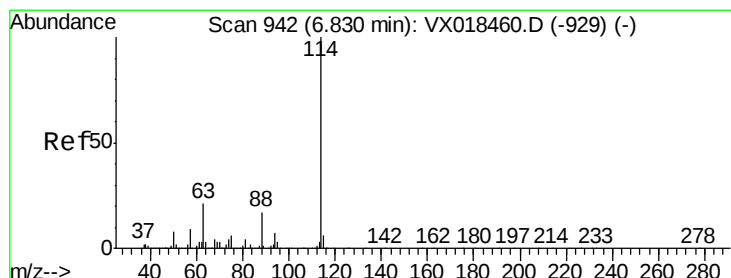
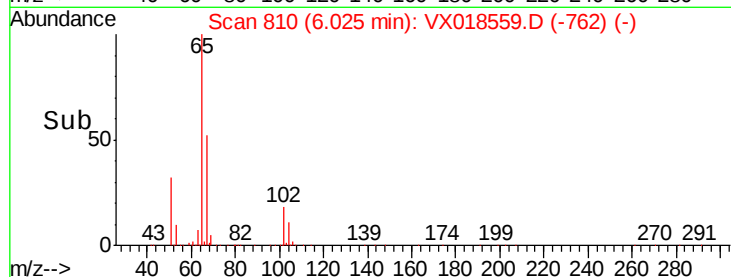
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

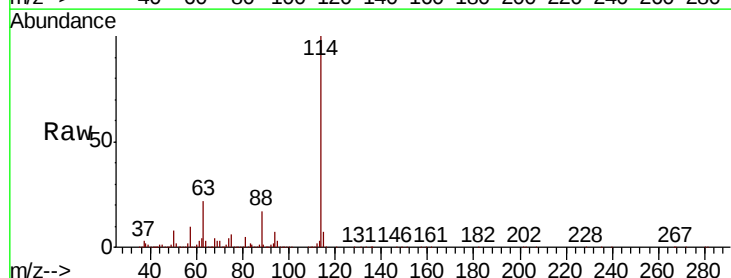
Tgt Ion: 114 Resp: 610641

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.8

88 16.9 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

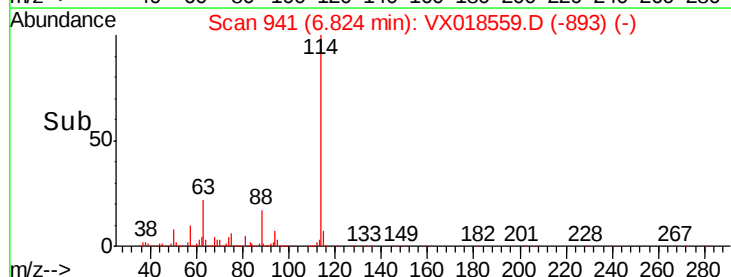
300000

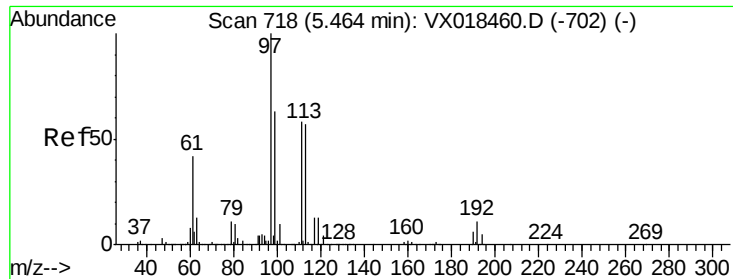
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 52.416 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

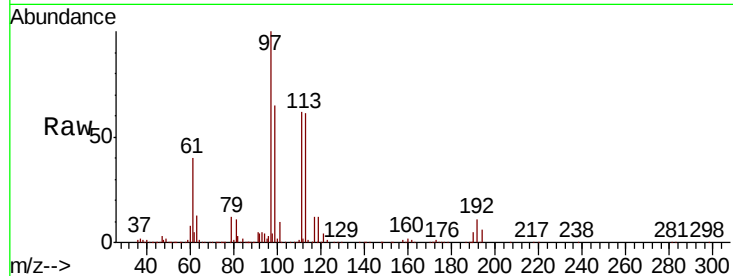
Tot Ion:113 Resp: 221273

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.2

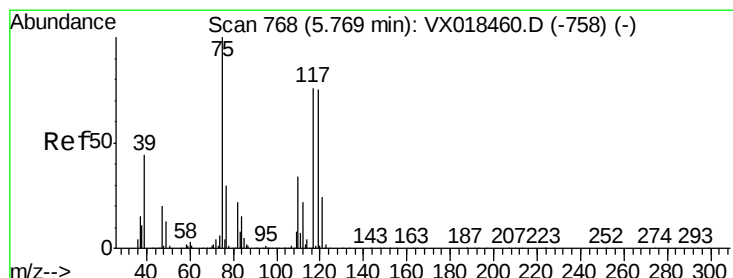
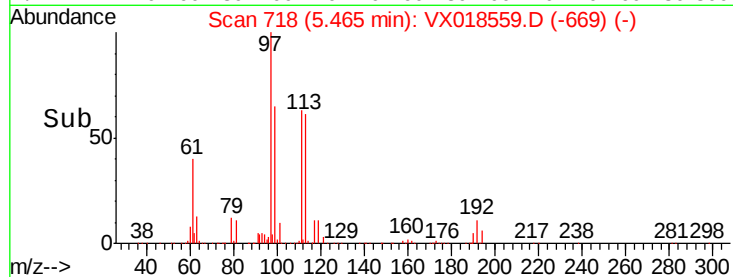
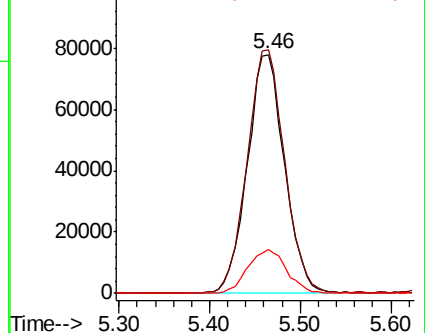
192 19.2 16.6 24.8



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: 51.759 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

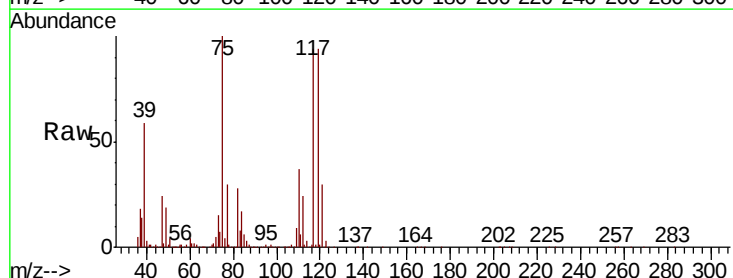
Tgt Ion: 75 Resp: 306770

Ion Ratio Lower Upper

75 100

110 35.9 17.6 52.8

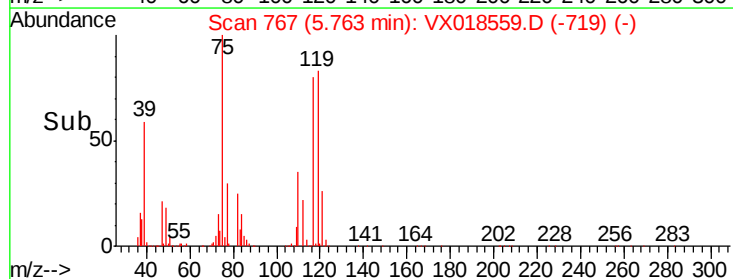
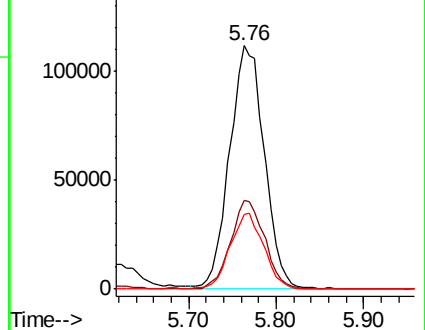
77 30.0 25.0 37.6

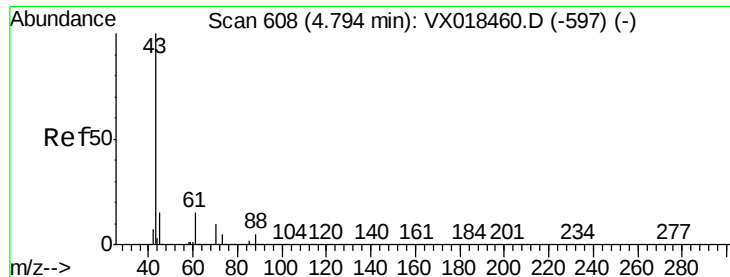


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

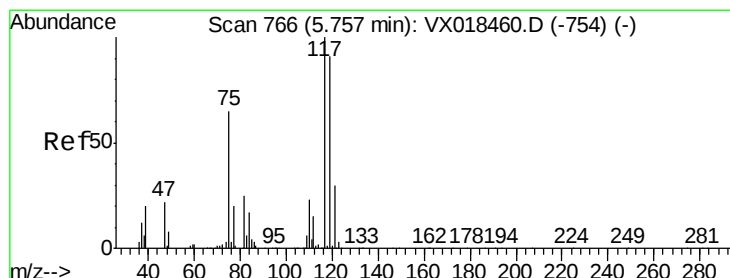
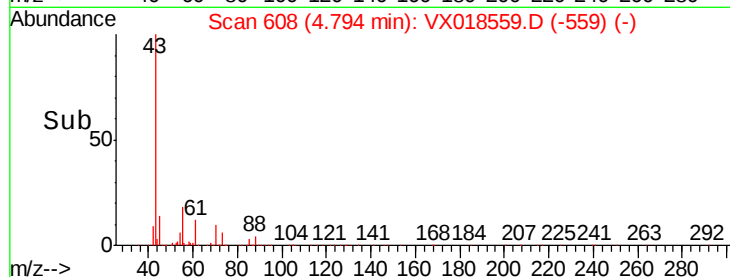
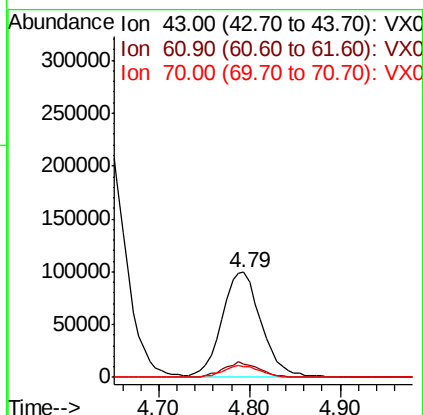
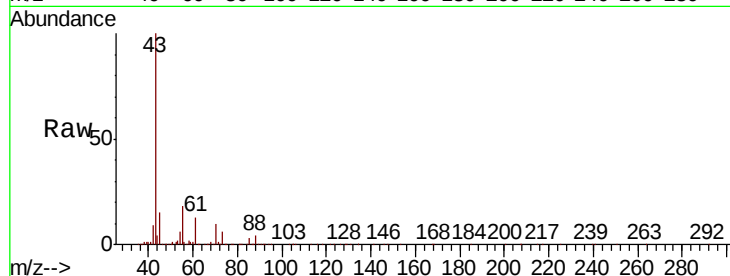




#37
Ethyl Acetate
Concen: 46.699 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

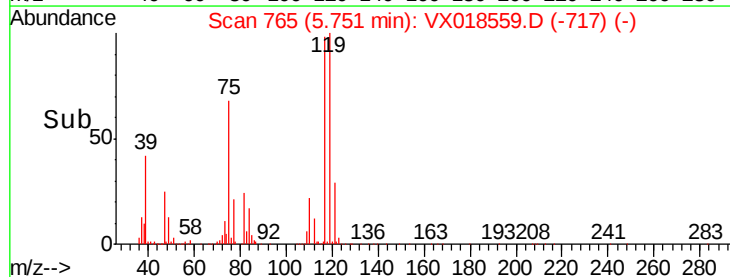
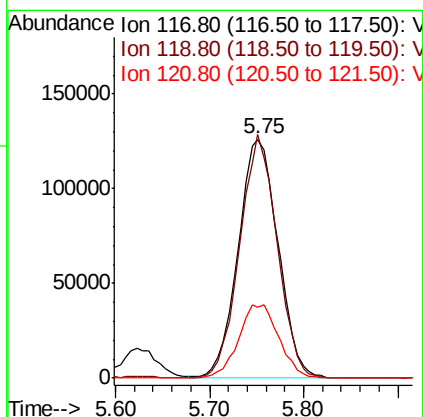
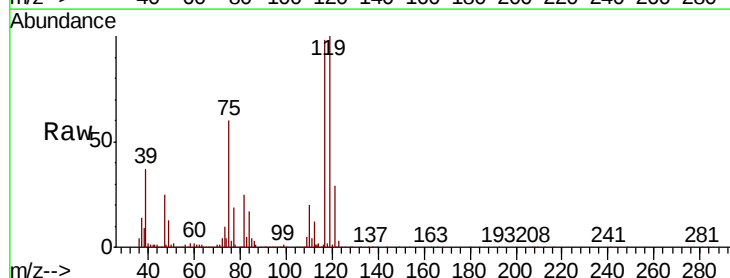
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

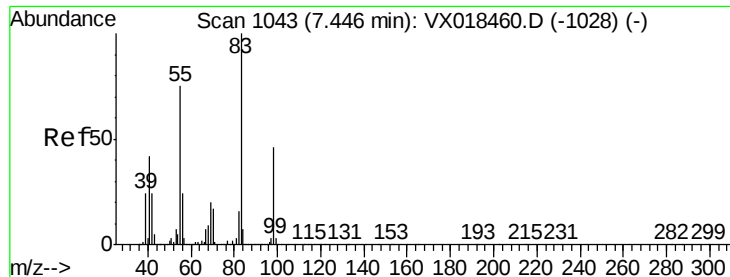
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.9	16.3
70	10.7	8.3	12.5



#38
Carbon Tetrachloride
Concen: 56.787 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.7	72.3	108.5
121	29.5	23.8	35.8





#39

Methvlcvclohexane

Concen: 51.669 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

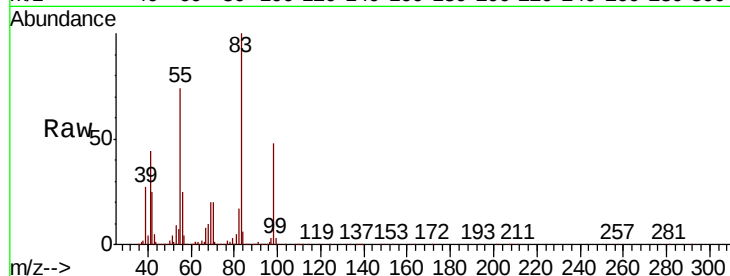
Tot Ion: 83 Resp: 344052

Ion Ratio Lower Upper

83 100

55 73.6 60.2 90.4

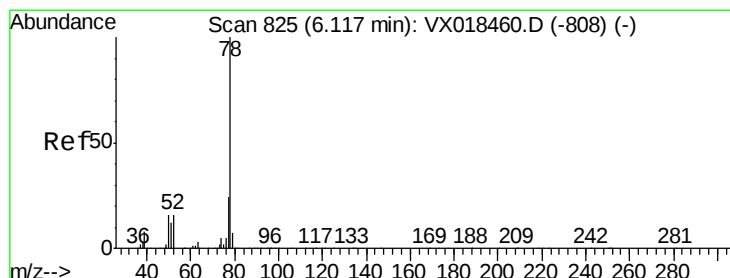
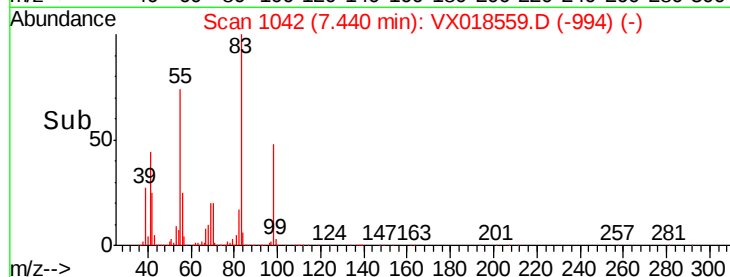
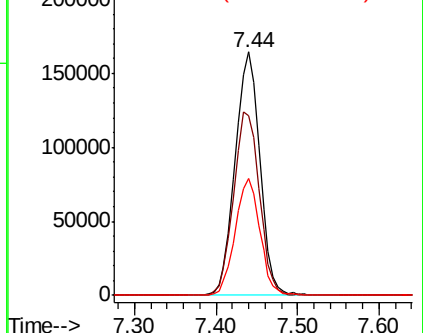
98 48.2 36.4 54.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 50.553 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX018559.D

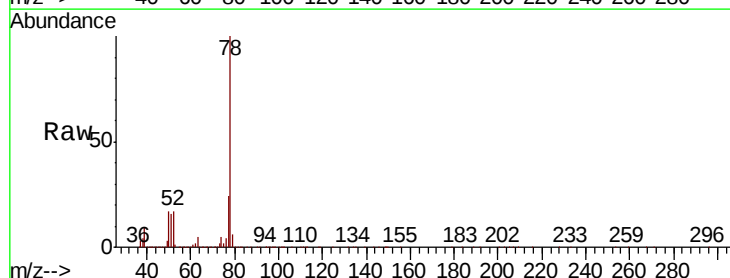
Acq: 24 Sep 2020 10:00

Tgt Ion: 78 Resp: 858671

Ion Ratio Lower Upper

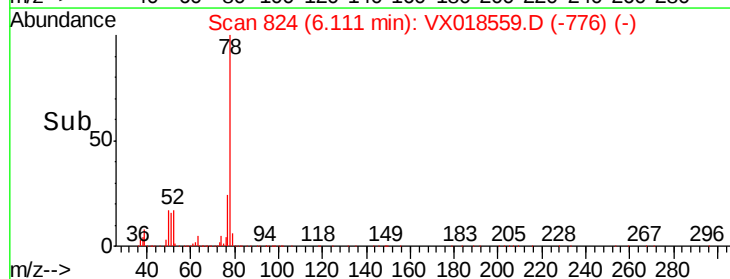
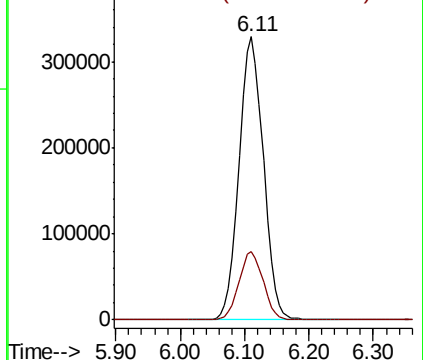
78 100

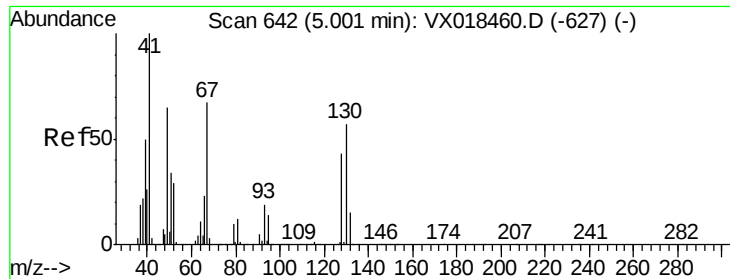
77 24.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

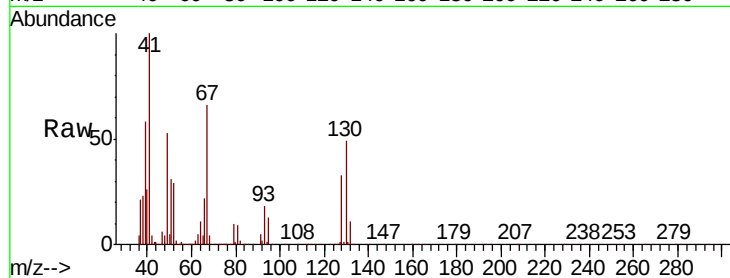




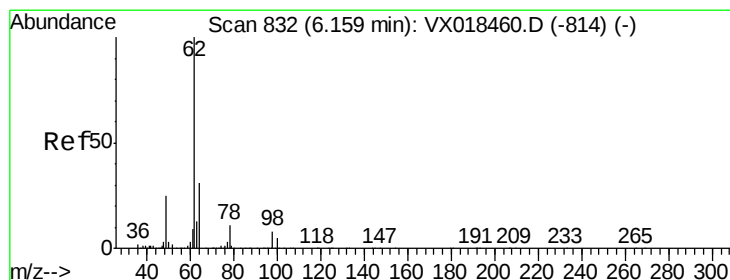
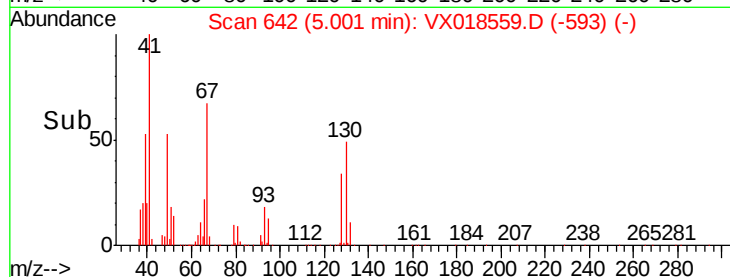
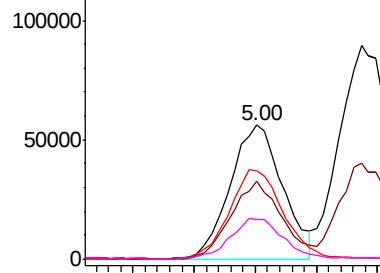
#41
Methacrylonitrile
Concen: 47.970 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:	41	Resp:	168703
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.3	67.9
67	68.2	56.7	85.1
52	29.8	23.4	35.0

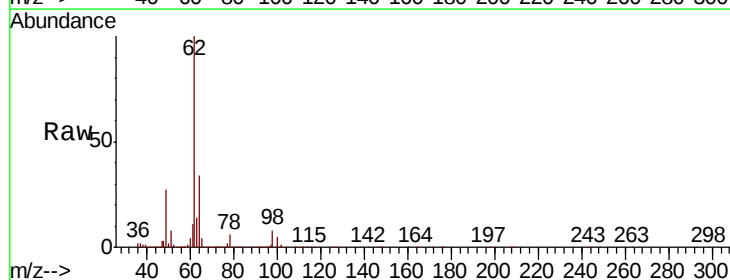


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

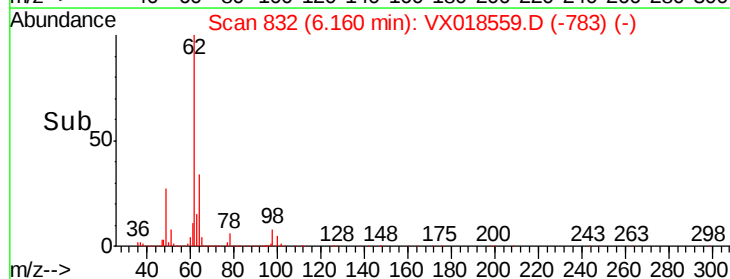
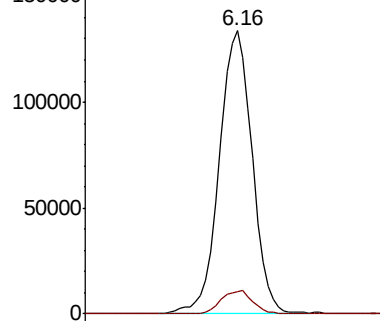


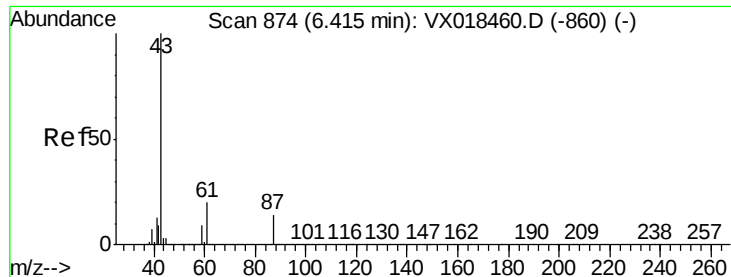
#42
1,2-Dichloroethane
Concen: 53.776 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion:	62	Resp:	355352
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



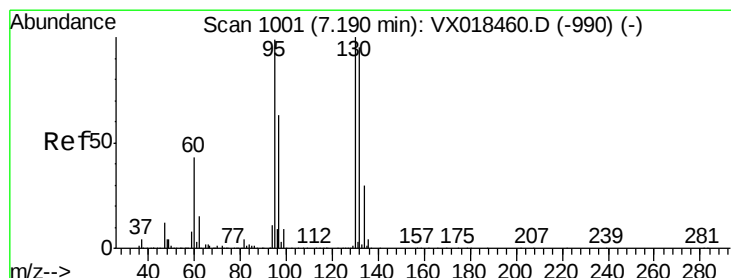
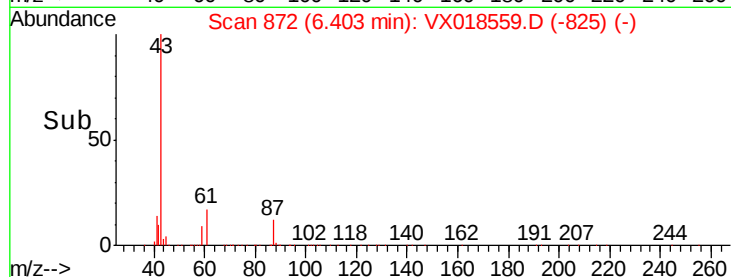
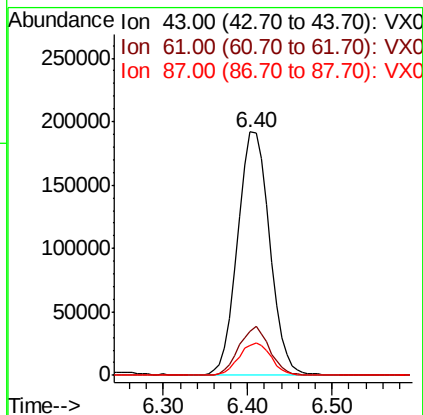
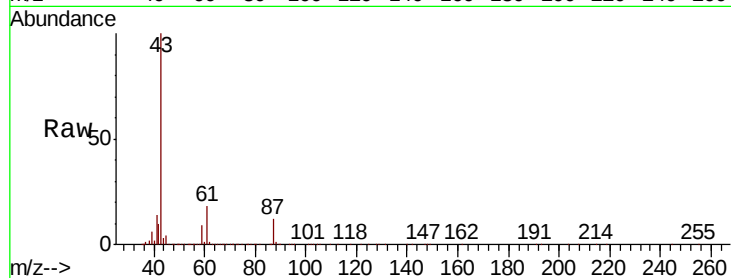


#43

Isopropyl Acetate
 Concen: 46.900 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

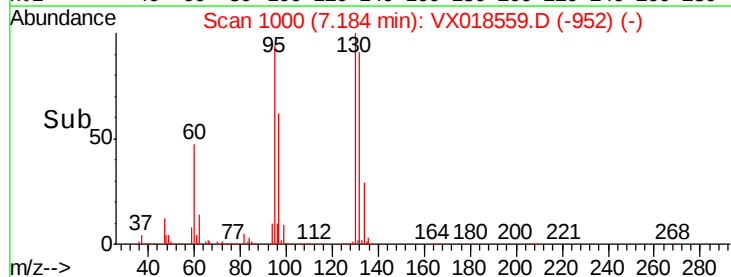
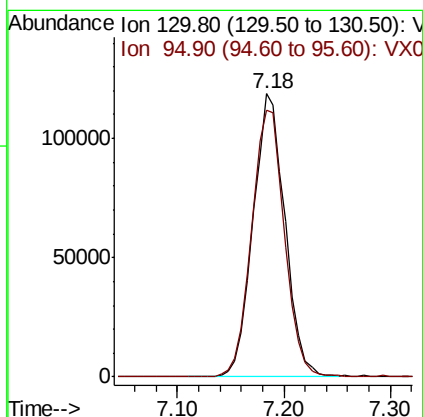
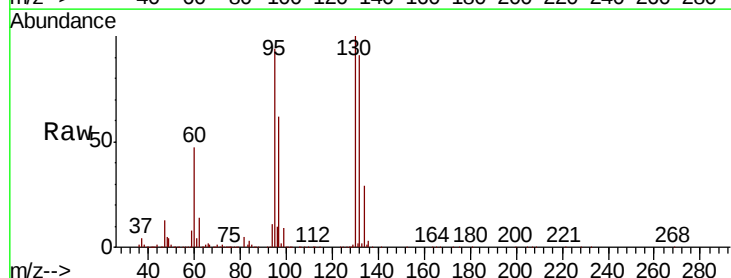
Tot Ion	43	Resp	492577
Ion Ratio	Lower	Upper	
43	100		
61	19.2	15.7	23.5
87	13.4	10.4	15.6

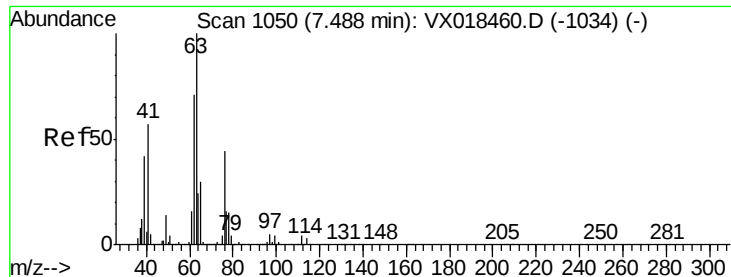


#44

Trichloroethene
 Concen: 50.679 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

Tgt Ion	130	Resp	249197
Ion Ratio	Lower	Upper	
130	100		
95	94.1	0.0	197.4

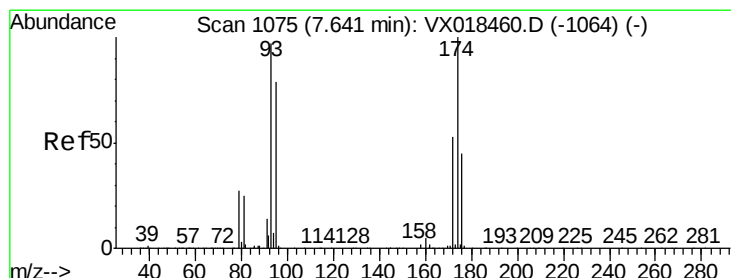
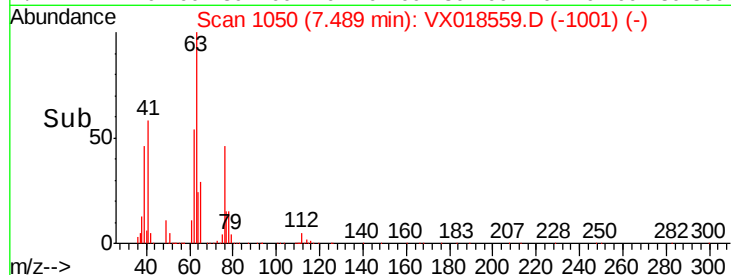
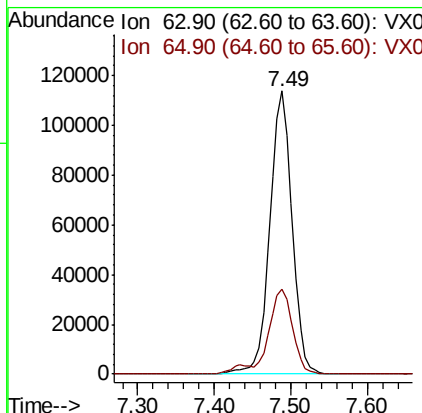
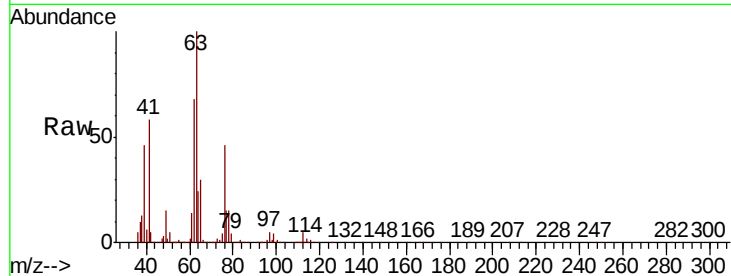




#45
 1,2-Dichloropropane
 Concen: 49.503 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

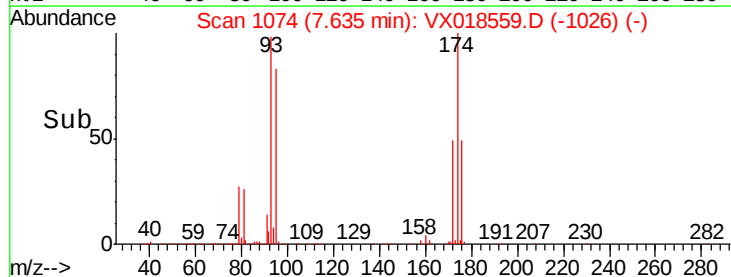
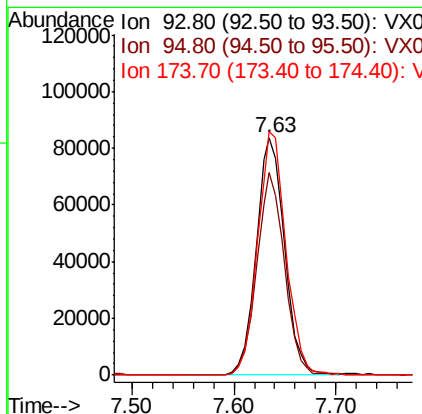
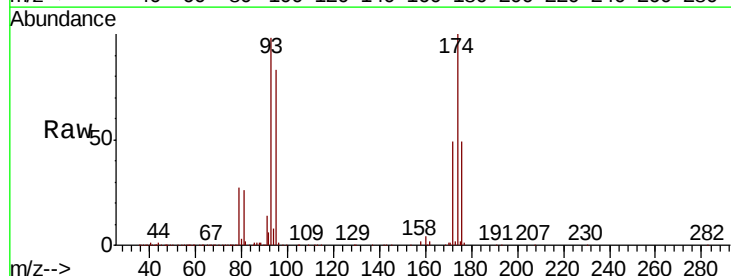
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

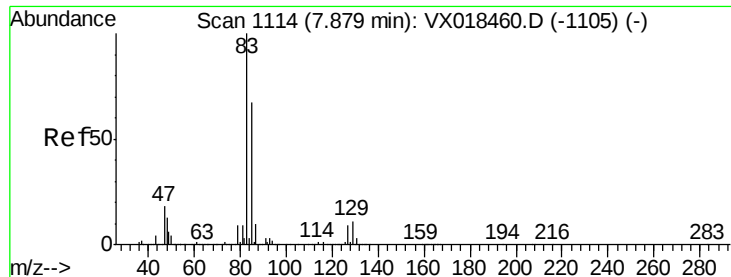
Tot Ion: 63 Resp: 230789
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.1 36.1



#46
 Dibromomethane
 Concen: 50.505 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

Tgt Ion: 93 Resp: 161768
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.0 97.4
 174 102.4 82.0 123.0





#47

Bromodichloromethane

Concen: 54.031 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

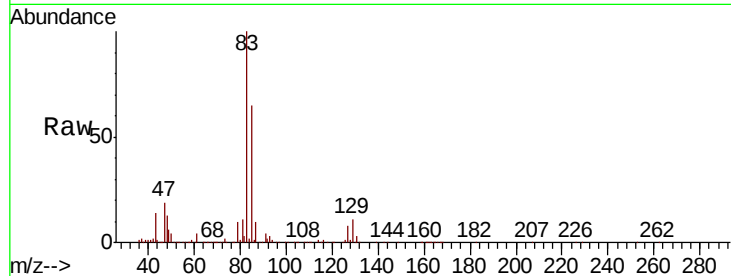
Tot Ion: 83 Resp: 348780

Ion Ratio Lower Upper

83 100

85 65.0 53.3 79.9

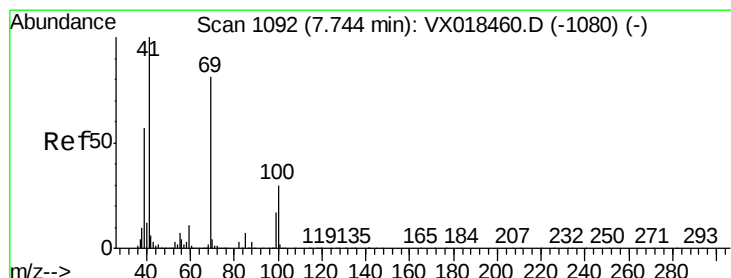
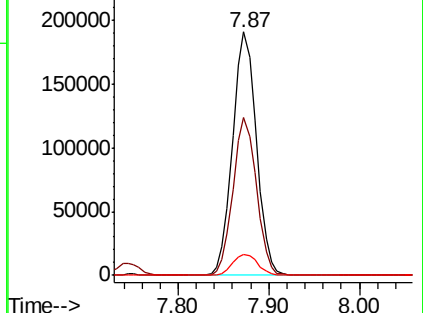
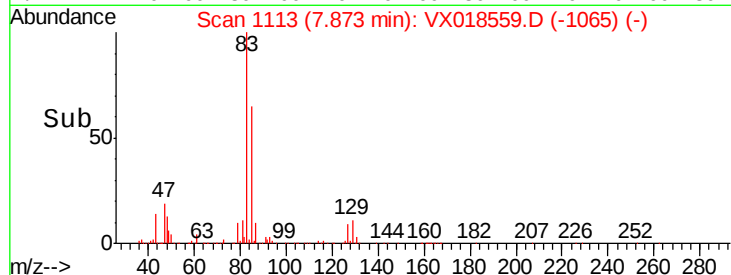
127 8.5 7.4 11.2



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: 48.732 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

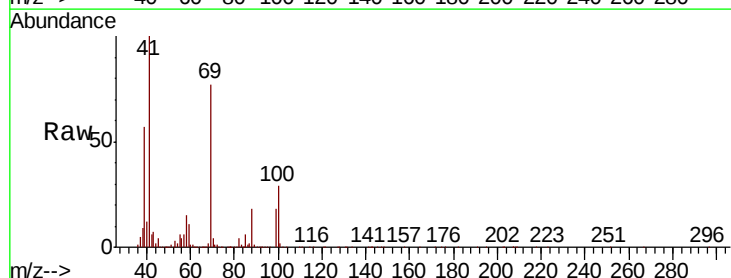
Tgt Ion: 41 Resp: 249123

Ion Ratio Lower Upper

41 100

69 79.3 63.7 95.5

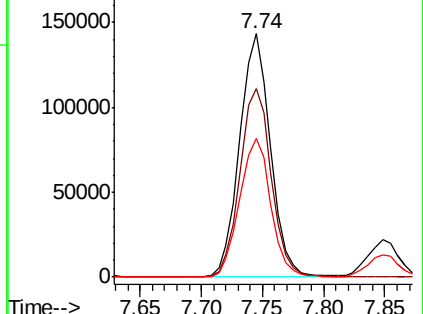
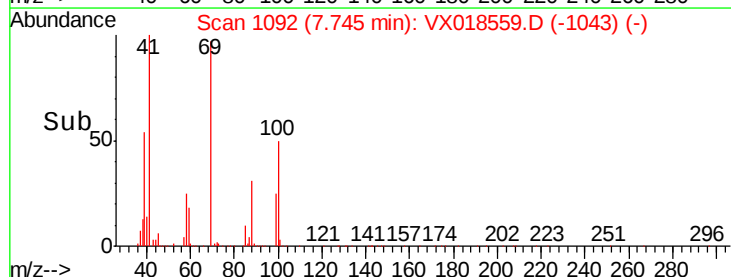
39 57.6 45.0 67.4

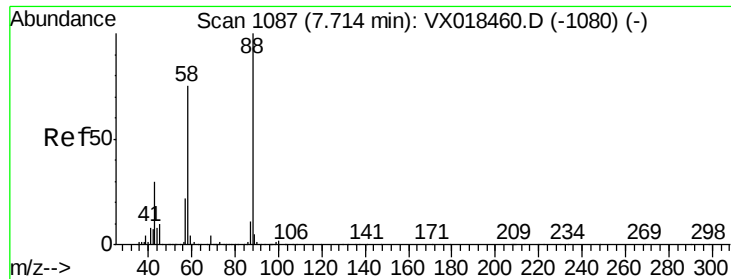


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

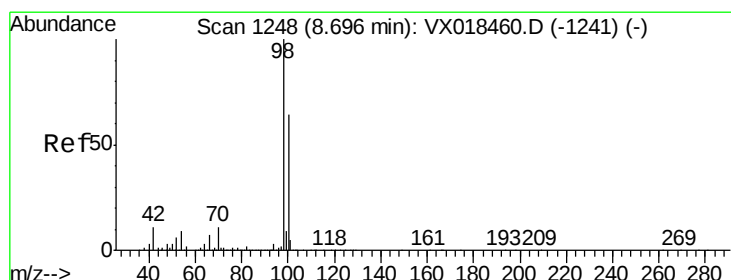
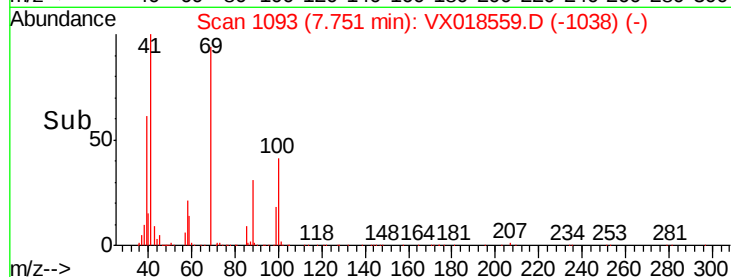
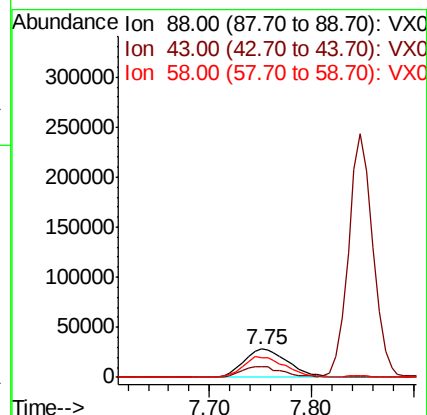
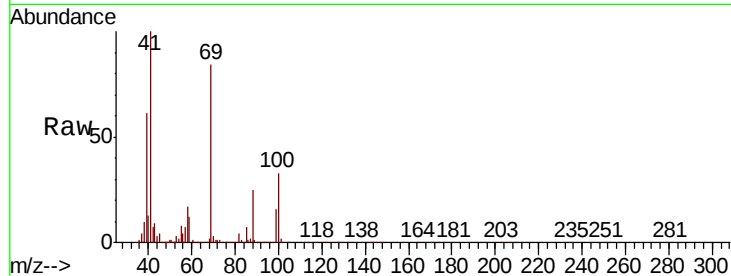




#49
1,4-Dioxane
Concen: 996.503 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.04 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

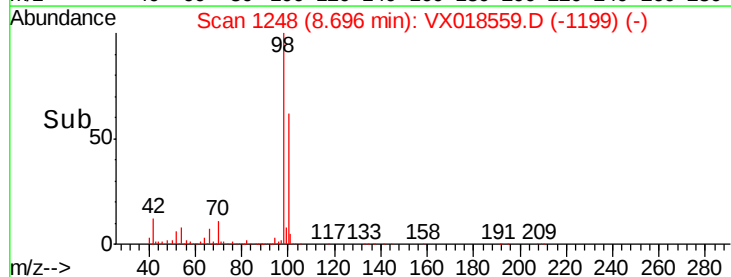
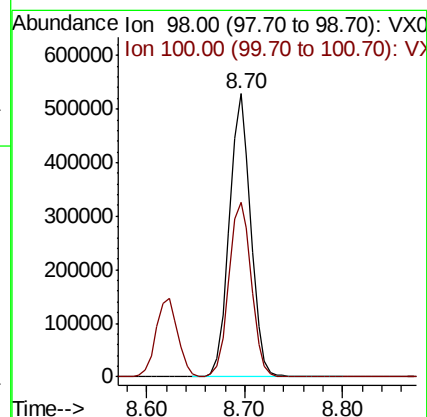
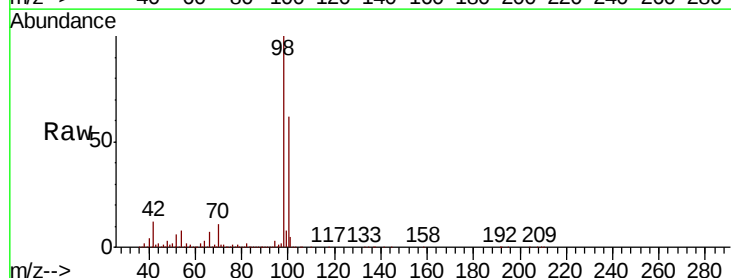
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

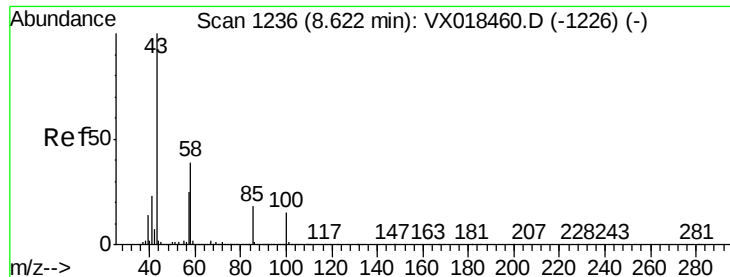
Tot Ion: 88 Resp: 84173
Ion Ratio Lower Upper
88 100
43 35.2 29.9 44.9
58 71.0 59.0 88.6



#50
Toluene-d8
Concen: 52.258 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion: 98 Resp: 801535
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 242.533 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

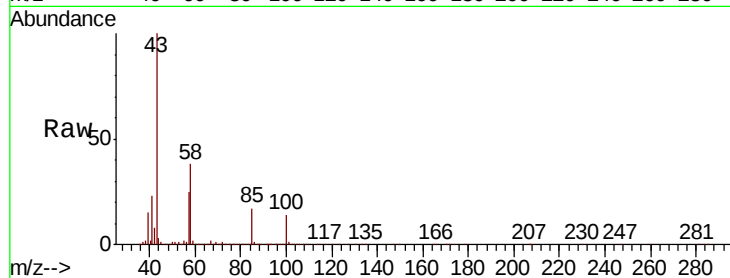
VSTDCCC050

Tot Ion: 43 Resp: 1516673

Ion Ratio Lower Upper

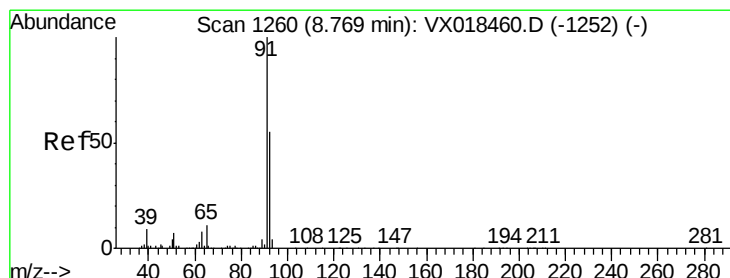
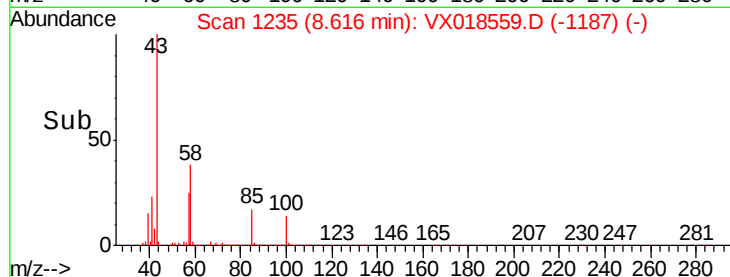
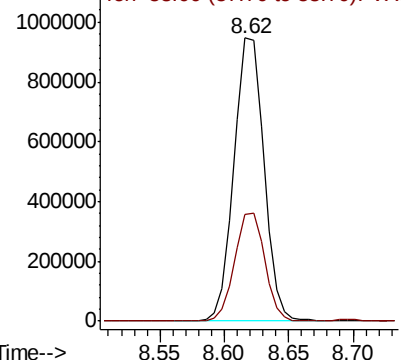
43 100

58 38.5 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.367 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018559.D

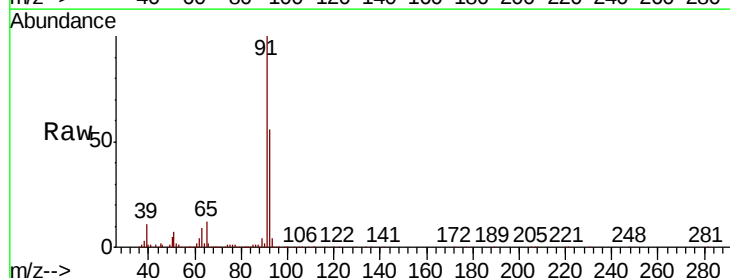
Acq: 24 Sep 2020 10:00

Tgt Ion: 92 Resp: 559735

Ion Ratio Lower Upper

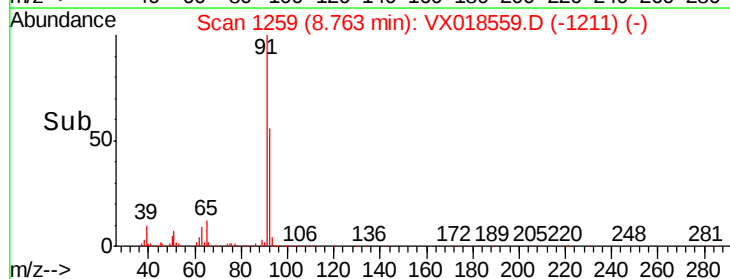
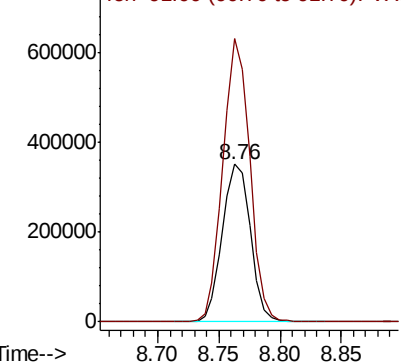
92 100

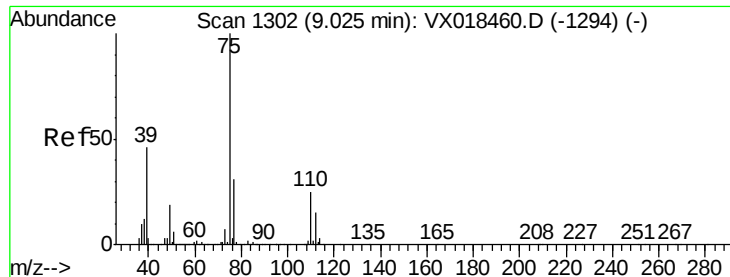
91 172.5 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.535 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

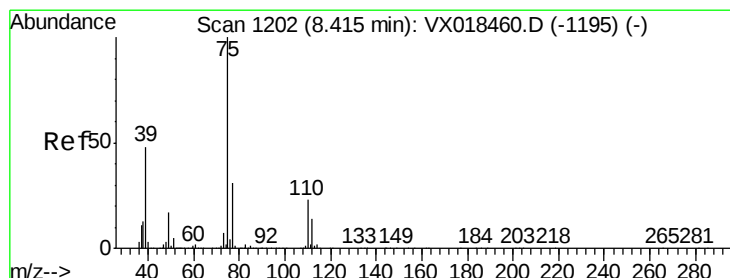
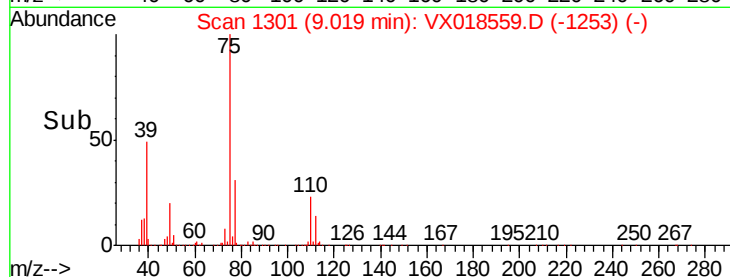
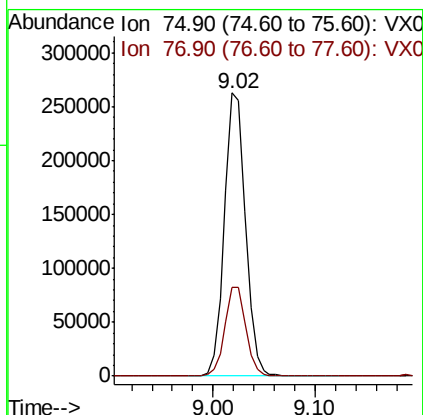
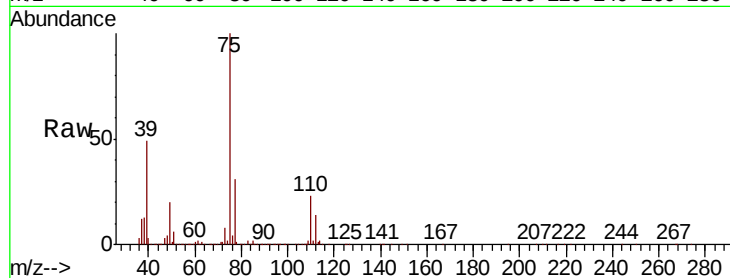
VSTDCCC050

Tot Ion: 75 Resp: 378007

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 52.053 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

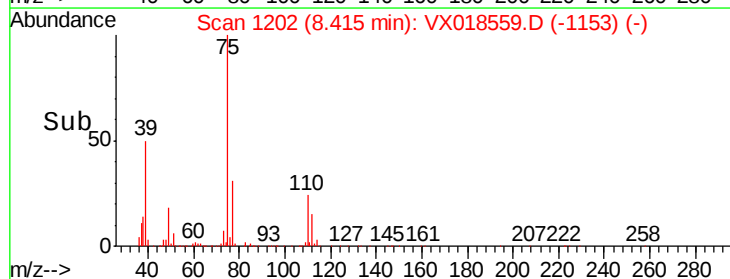
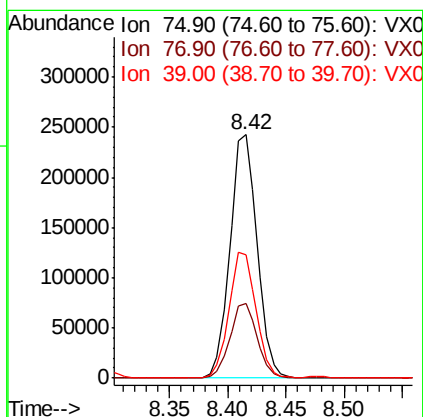
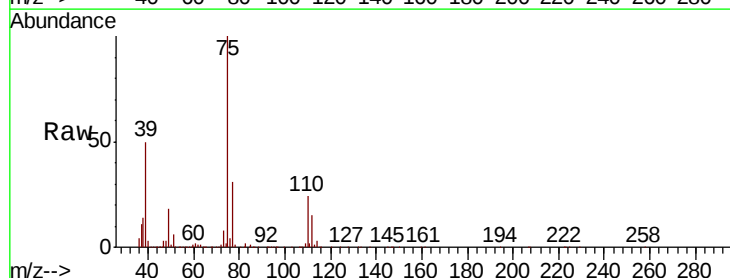
Tgt Ion: 75 Resp: 393333

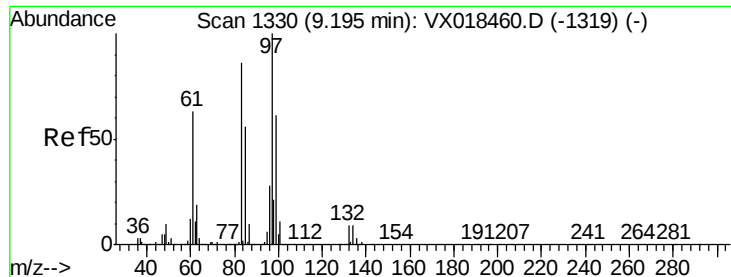
Ion Ratio Lower Upper

75 100

77 30.5 24.8 37.2

39 50.4 38.6 58.0

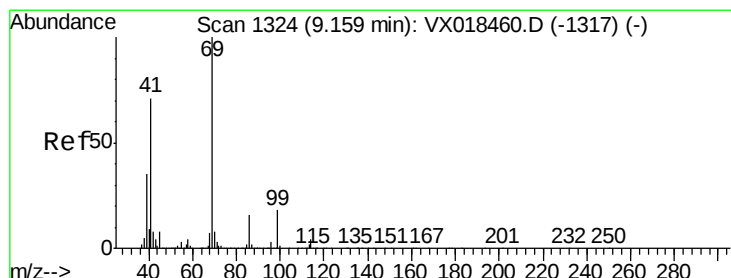
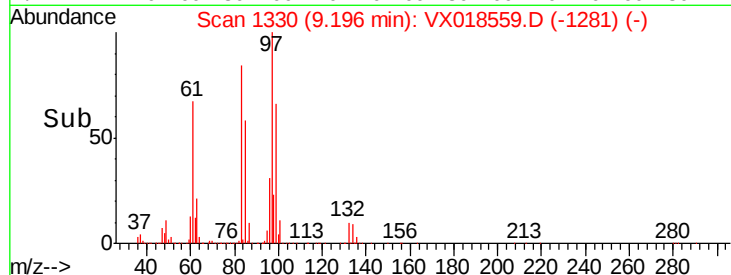
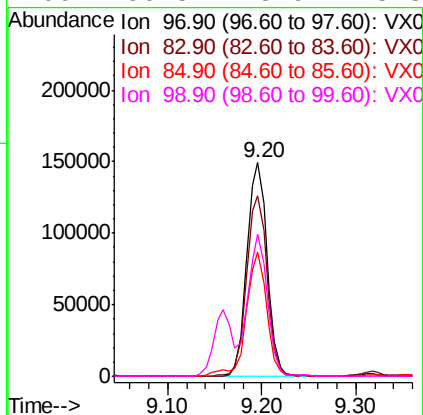
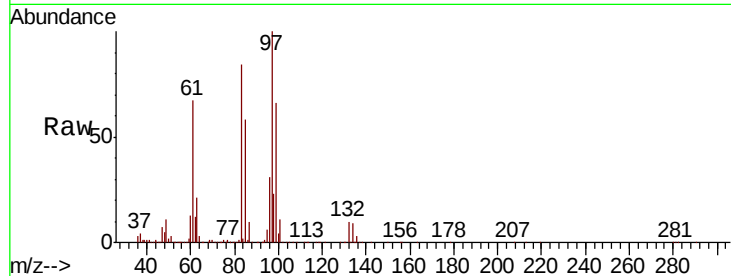




#55
 1,1,2-Trichloroethane
 Concen: 50.834 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

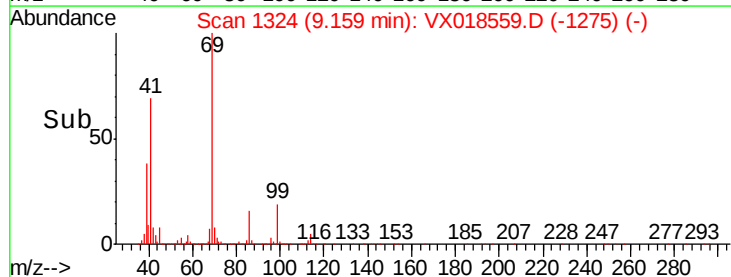
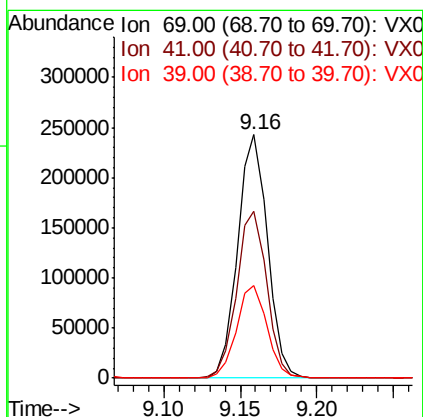
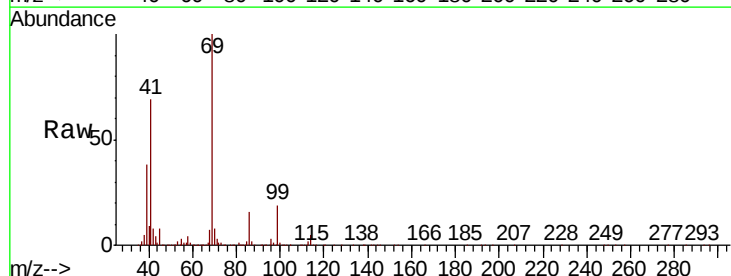
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

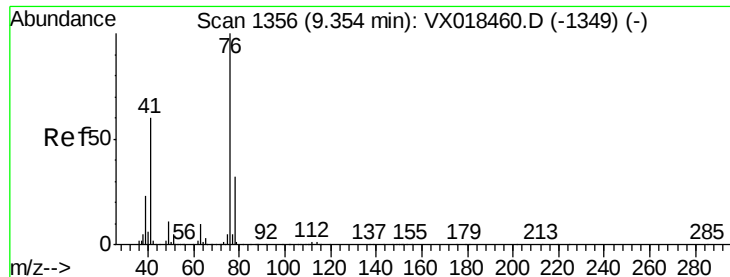
Tot Ion:	97	Resp:	225461
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.5	102.7
85	57.7	44.8	67.2
99	66.5	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 49.888 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

Tgt Ion:	69	Resp:	328087
Ion	Ratio	Lower	Upper
69	100		
41	69.3	54.6	81.8
39	38.8	29.3	43.9





#57

1,3-Dichloropropane

Concen: 50.460 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

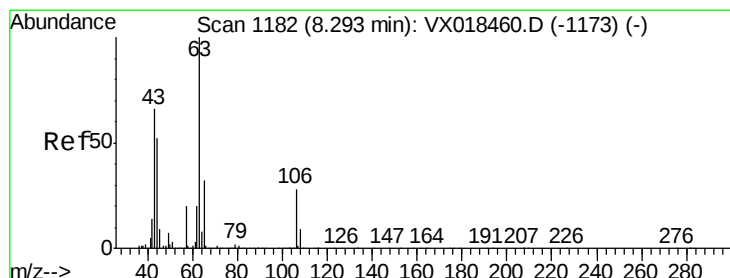
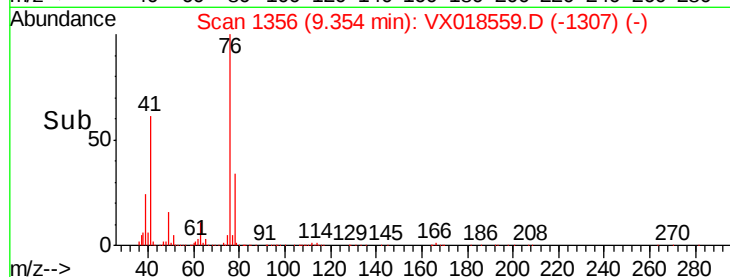
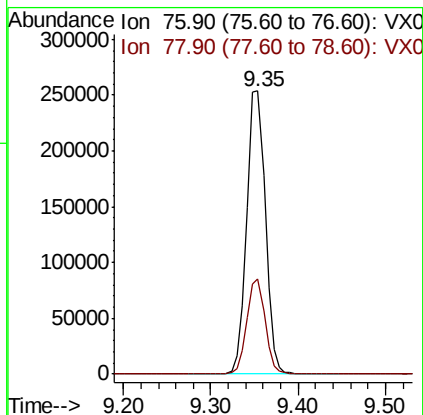
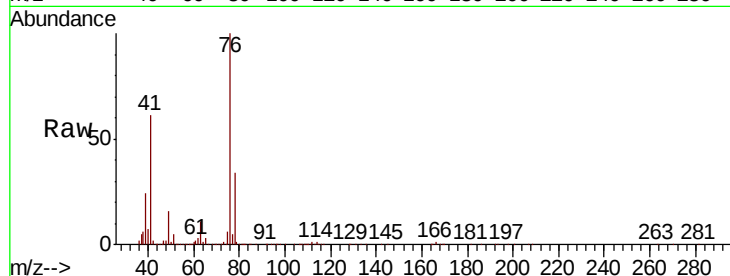
VSTDCCC050

Tot Ion: 76 Resp: 376011

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 267.912 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018559.D

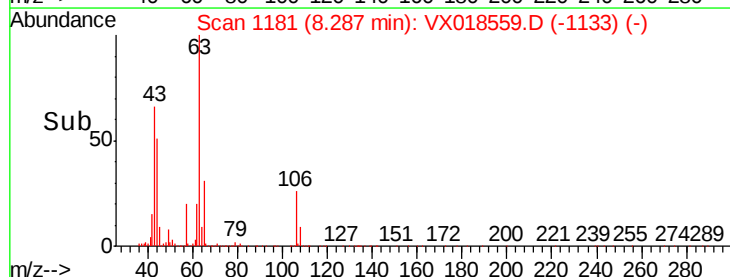
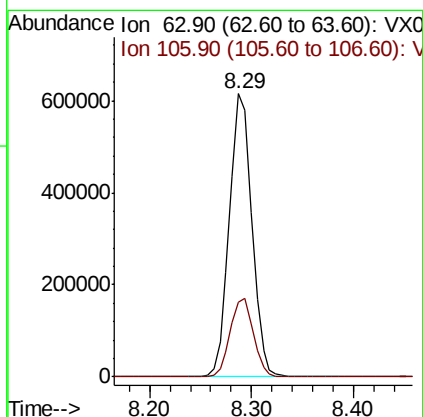
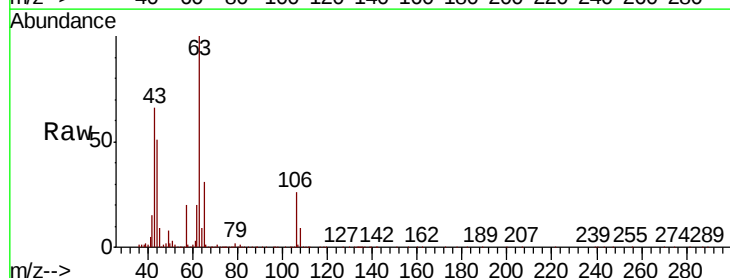
Acq: 24 Sep 2020 10:00

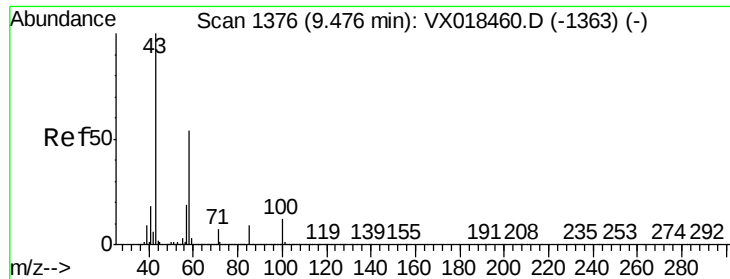
Tgt Ion: 63 Resp: 936742

Ion Ratio Lower Upper

63 100

106 28.4 22.2 33.2

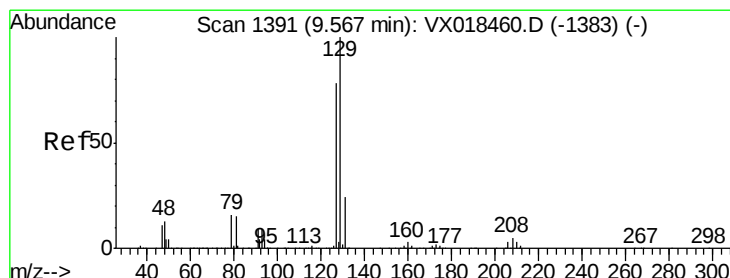
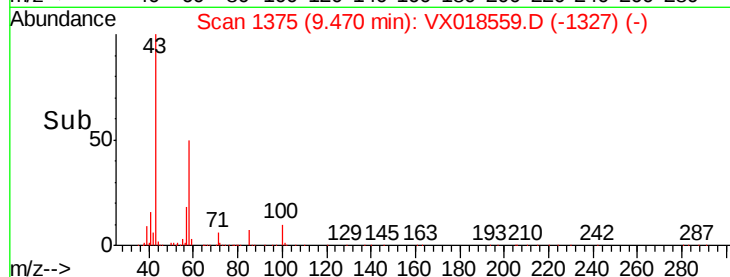
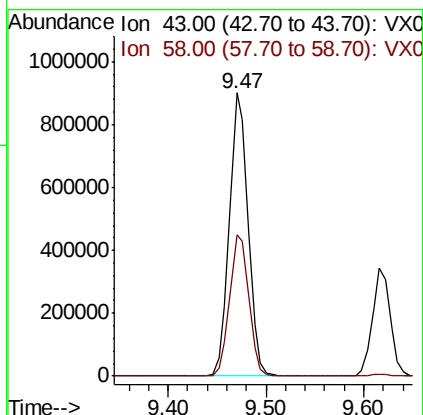
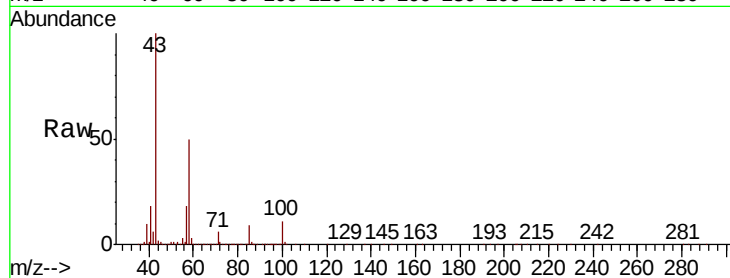




#59
2-Hexanone
Concen: 251.643 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

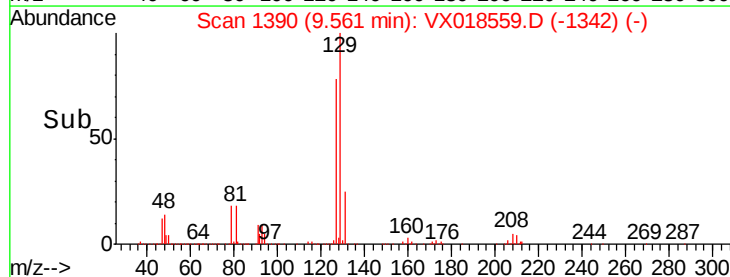
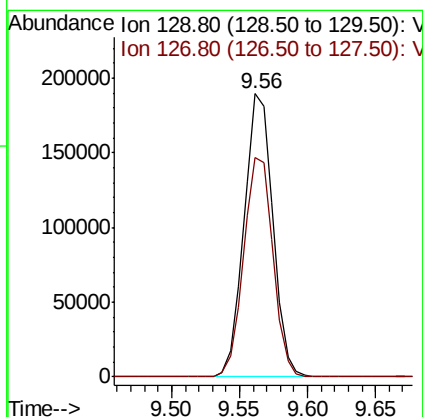
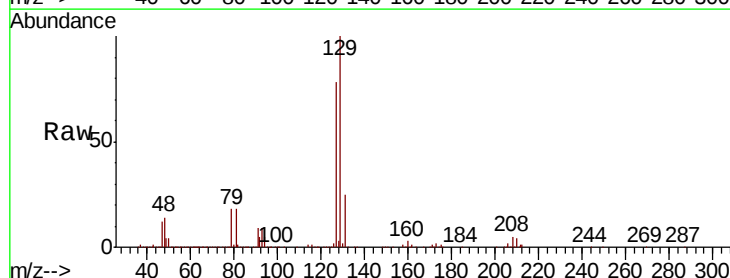
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

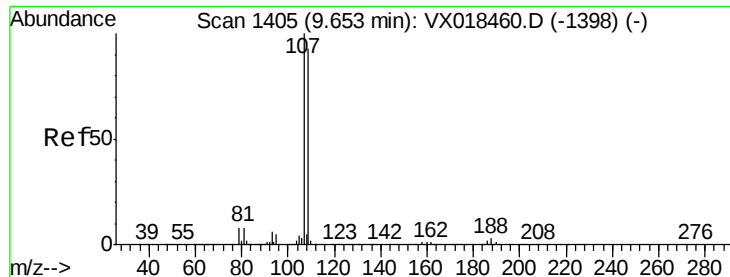
Tot Ion: 43 Resp: 1196925
Ion Ratio Lower Upper
43 100
58 51.4 26.5 79.4



#60
Dibromochloromethane
Concen: 53.193 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion: 129 Resp: 281314
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 51.873 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

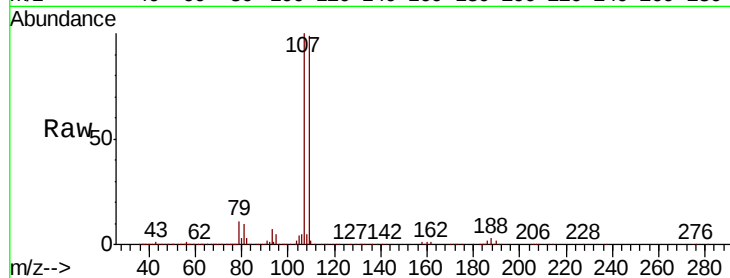
VSTDCCC050

Tot Ion:107 Resp: 244790

Ion Ratio Lower Upper

107 100

109 95.0 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

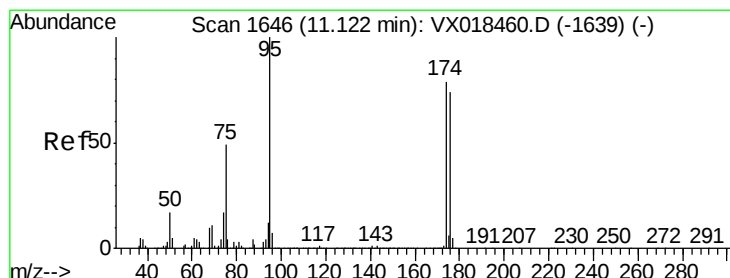
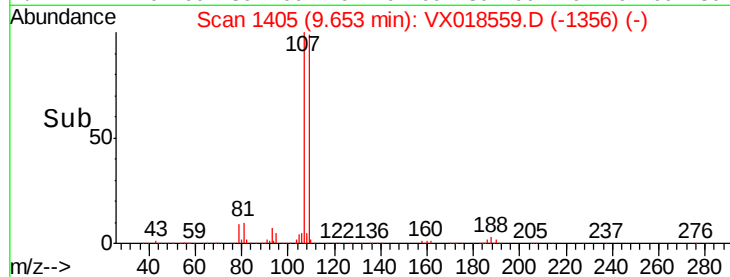
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.343 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

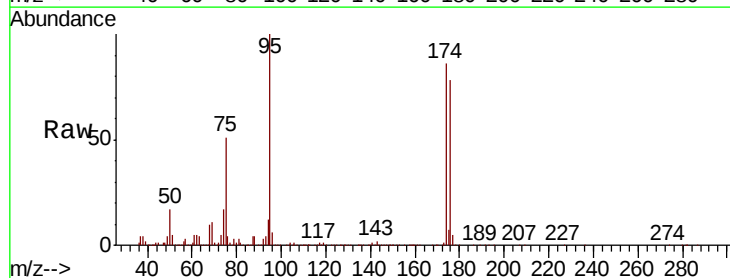
Tgt Ion: 95 Resp: 307147

Ion Ratio Lower Upper

95 100

174 80.5 0.0 161.4

176 78.3 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

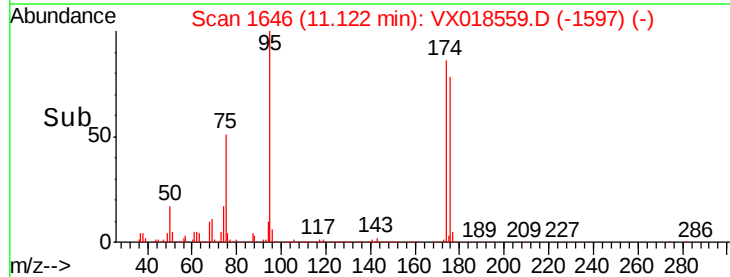
300000

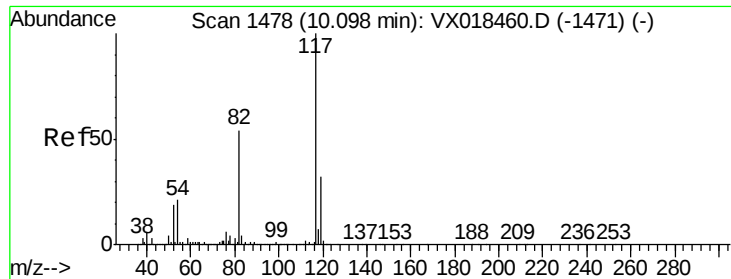
200000

100000

0

Time-->

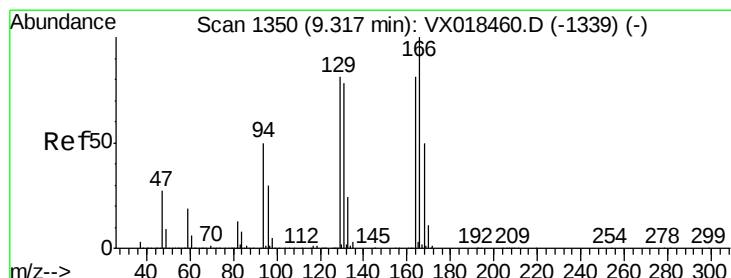
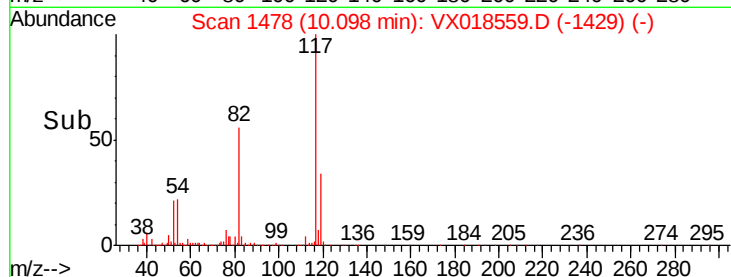
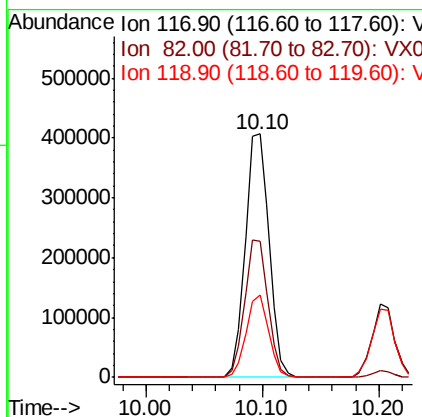
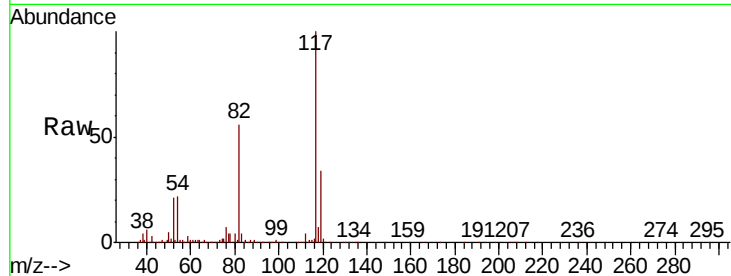




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

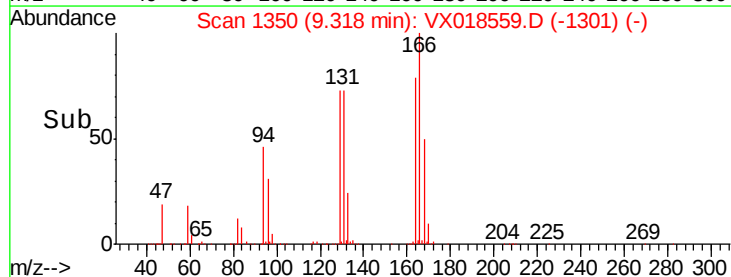
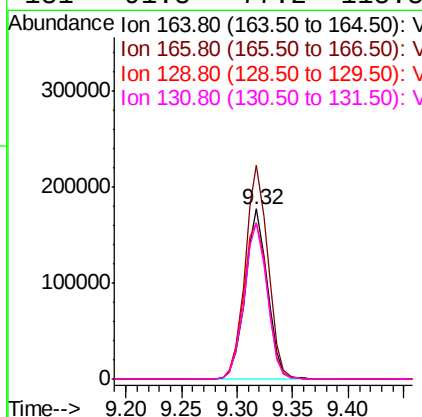
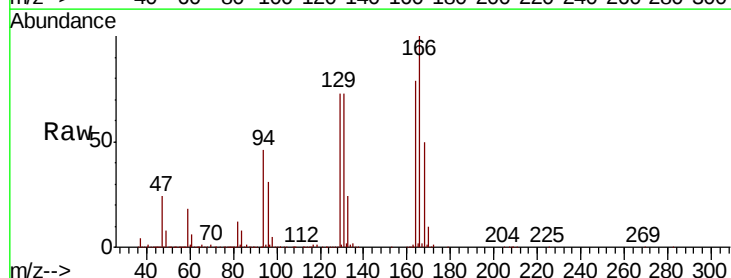
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

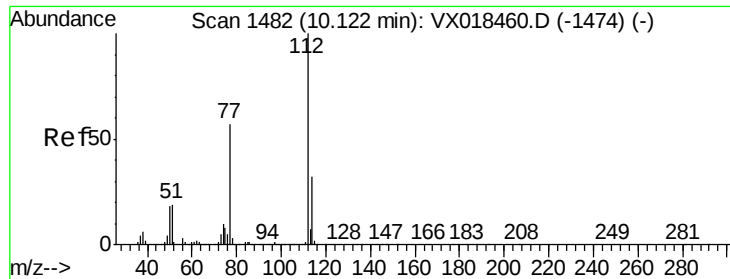
Tot Ion:117 Resp: 582430
Ion Ratio Lower Upper
117 100
82 56.0 43.3 64.9
119 33.7 25.9 38.9



#64
Tetrachloroethene
Concen: 53.672 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion:164 Resp: 246108
Ion Ratio Lower Upper
164 100
166 125.9 99.3 148.9
129 91.9 80.7 121.1
131 91.8 77.2 115.8

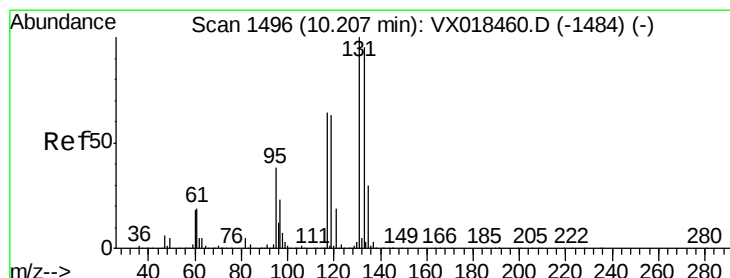
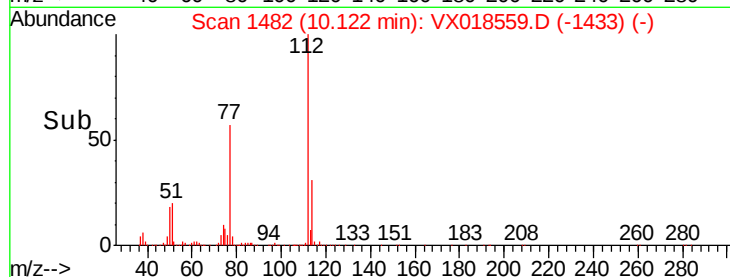
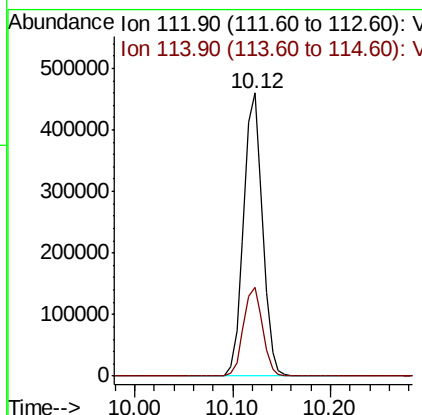
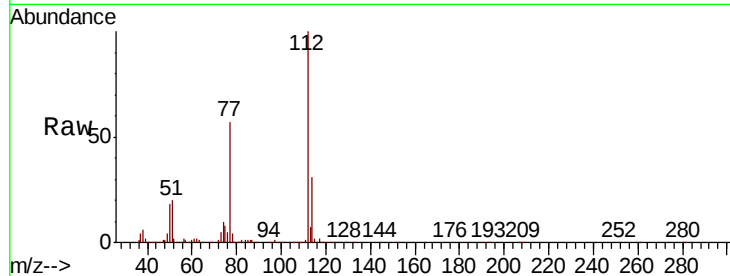




#65
Chlorobenzene
Concen: 51.609 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

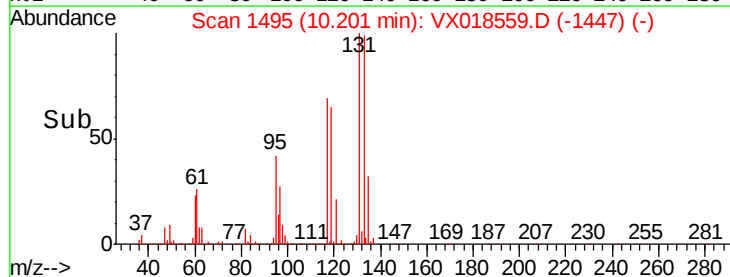
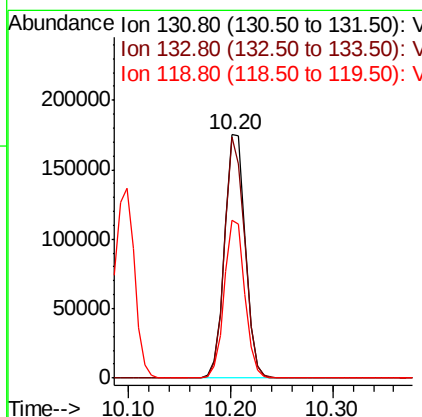
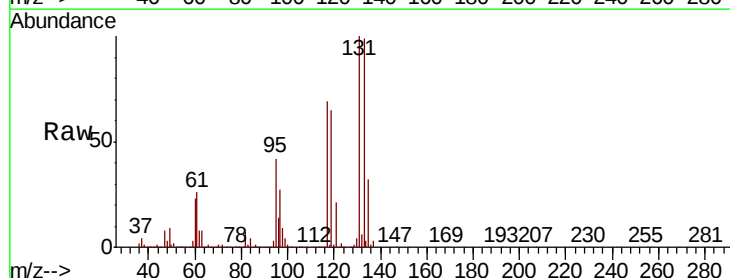
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

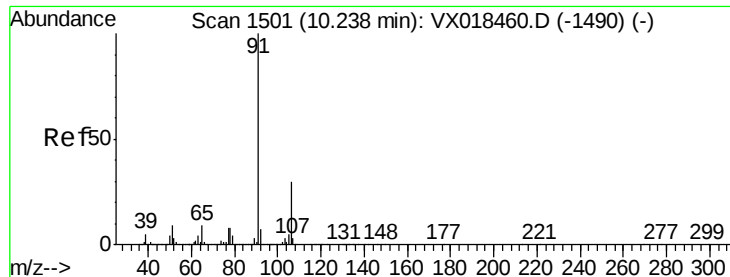
Tot Ion:112 Resp: 618950
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.414 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion:131 Resp: 247355
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.4
119 64.1 31.9 95.7





#67

Ethyl Benzene

Concen: 52.347 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

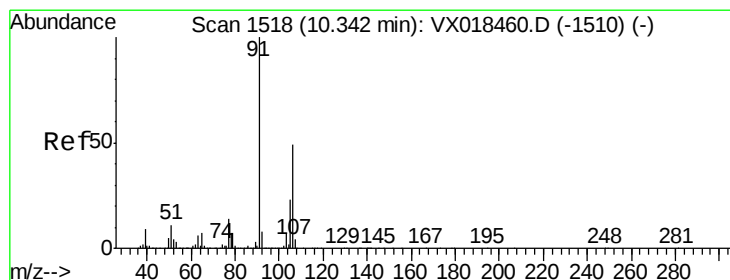
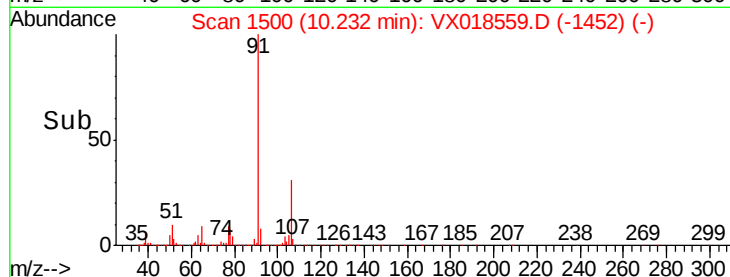
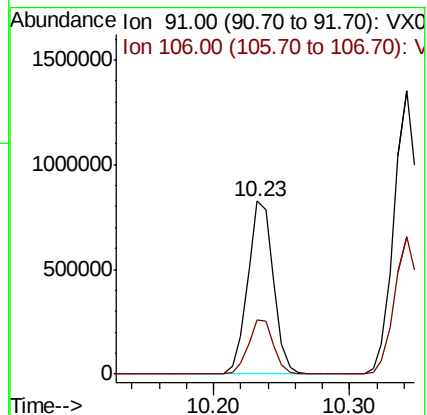
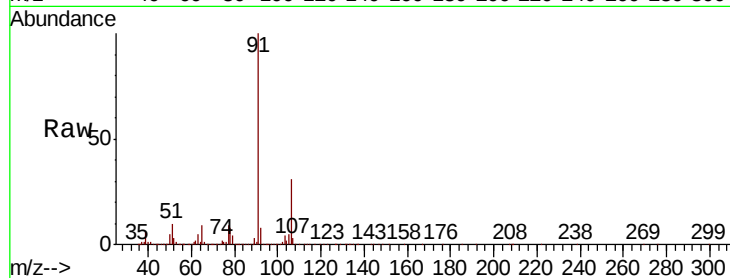
VSTDCCC050

Tot Ion: 91 Resp: 1086650

Ion Ratio Lower Upper

91 100

106 31.1 24.1 36.1



#68

m/p-Xylenes

Concen: 105.767 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018559.D

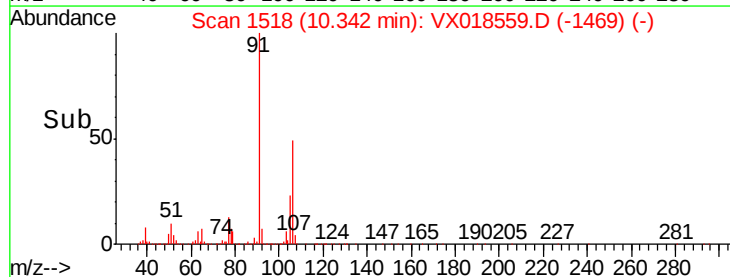
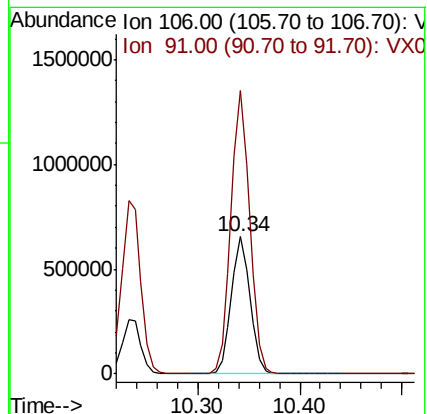
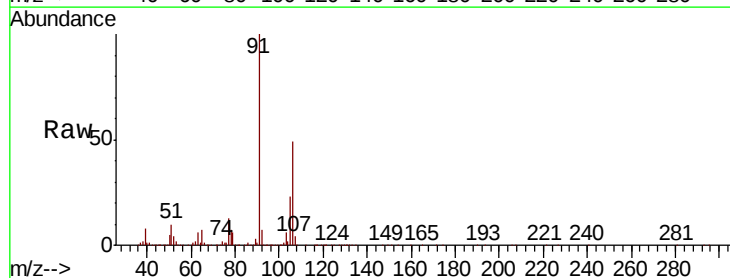
Acq: 24 Sep 2020 10:00

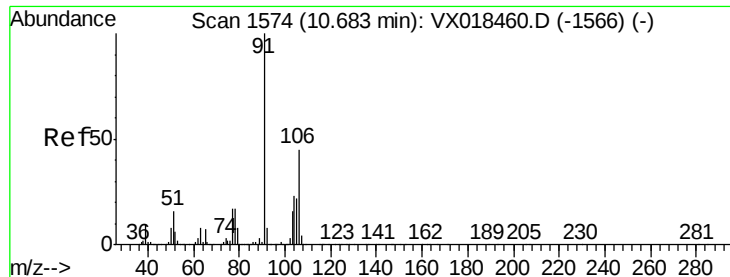
Tgt Ion: 106 Resp: 830550

Ion Ratio Lower Upper

106 100

91 207.0 163.8 245.6

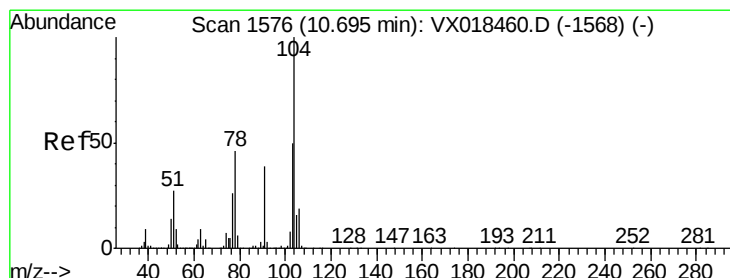
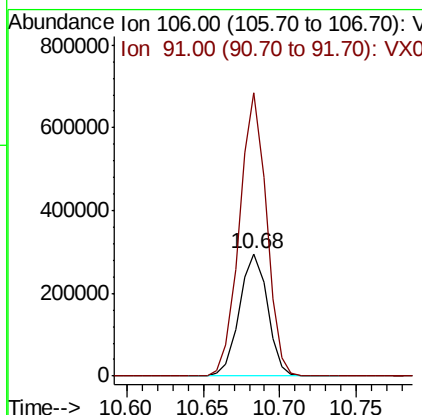
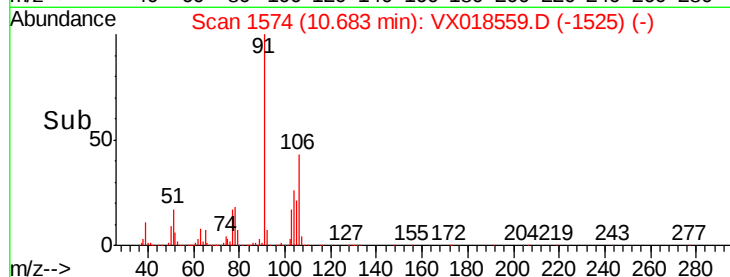
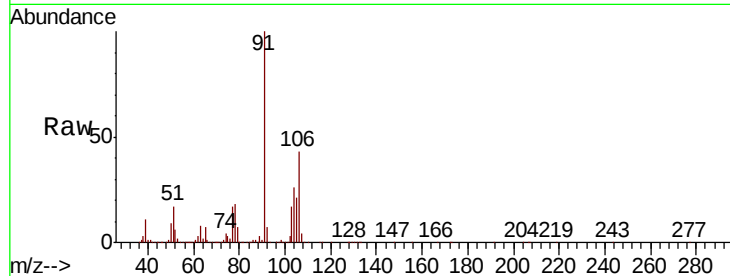




#69
o-Xylene
Concen: 50.777 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

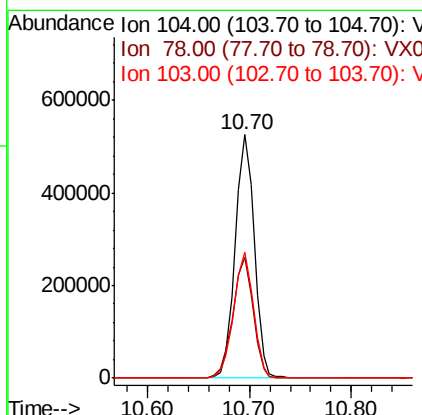
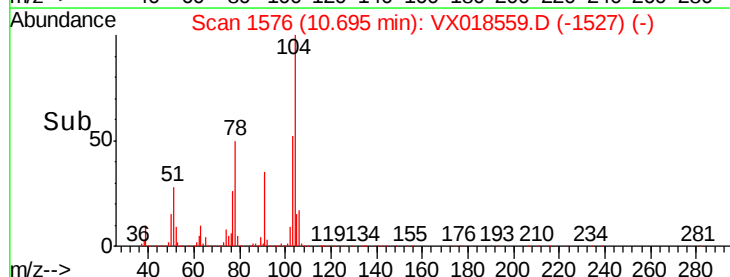
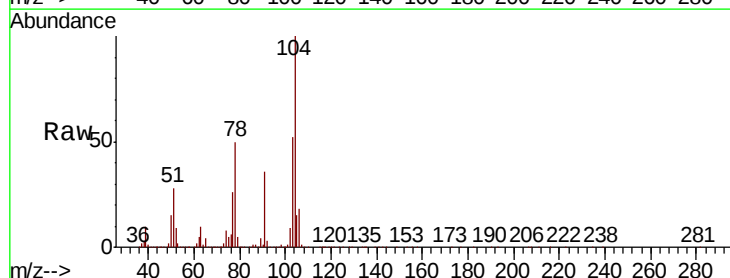
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

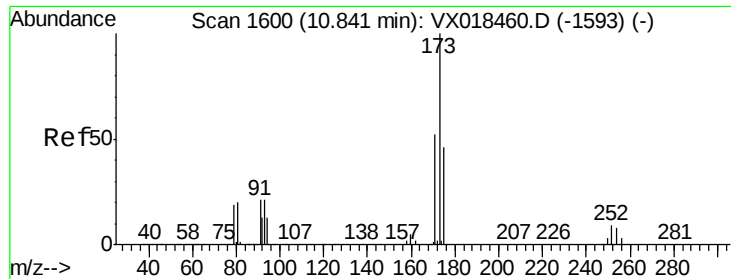
Tot Ion:106 Resp: 377579
Ion Ratio Lower Upper
106 100
91 222.3 109.7 329.0



#70
Styrene
Concen: 52.445 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion:104 Resp: 673364
Ion Ratio Lower Upper
104 100
78 53.1 40.5 60.7
103 54.0 43.2 64.8





#71

Bromoform

Concen: 51.401 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

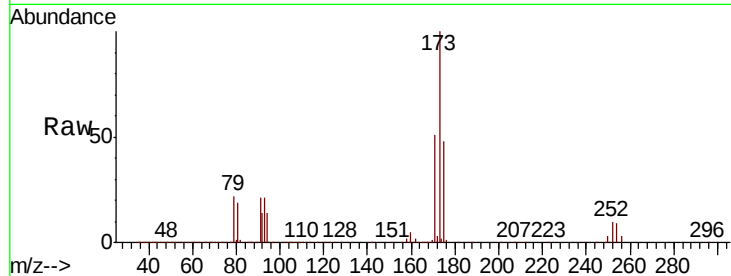
Tot Ion:173 Resp: 207633

Ion Ratio Lower Upper

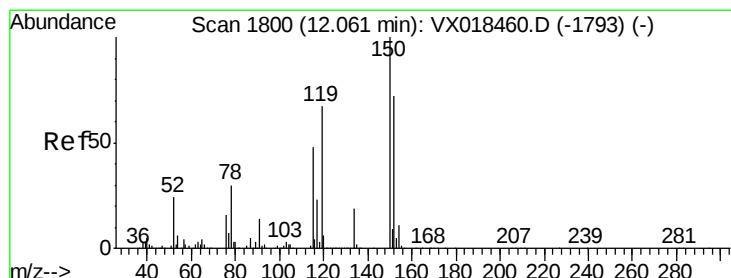
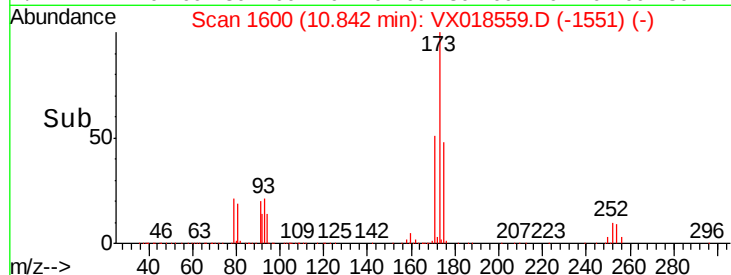
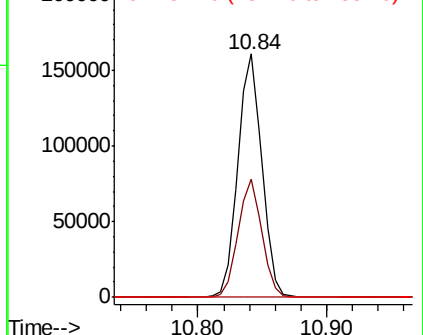
173 100

175 48.3 23.6 70.8

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

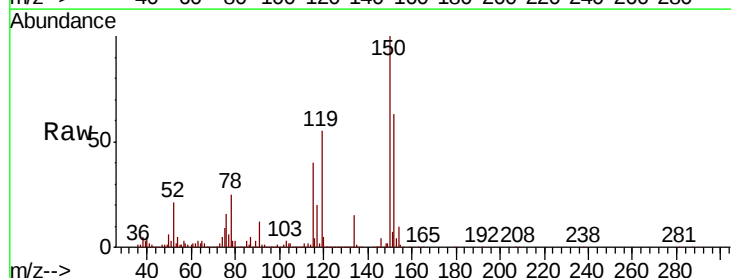
Tgt Ion:152 Resp: 315398

Ion Ratio Lower Upper

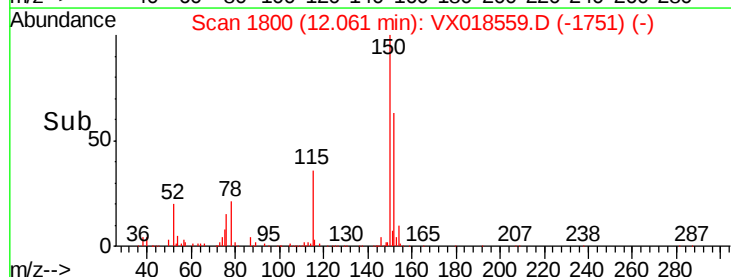
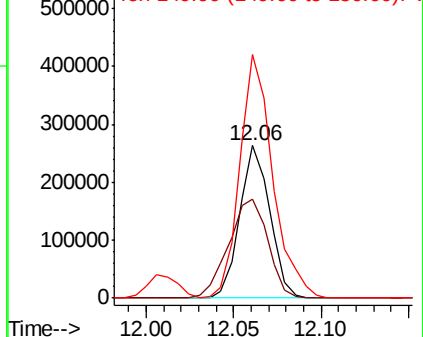
152 100

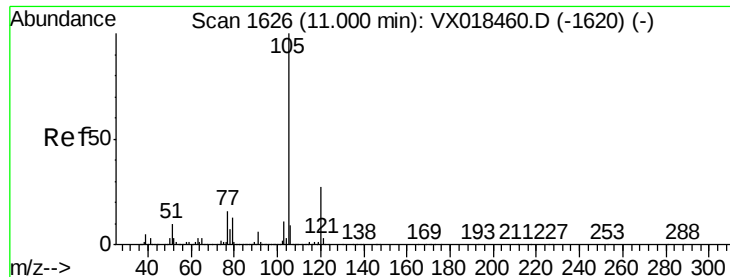
115 84.3 41.8 125.4

150 173.7 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: 51.635 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

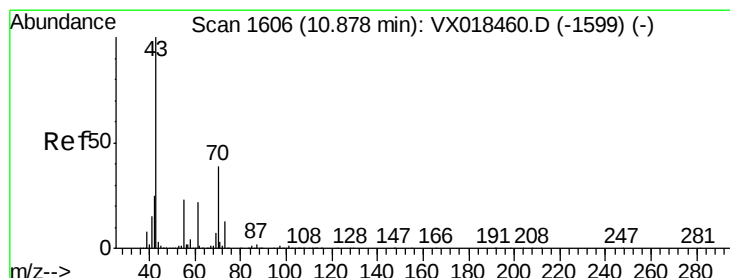
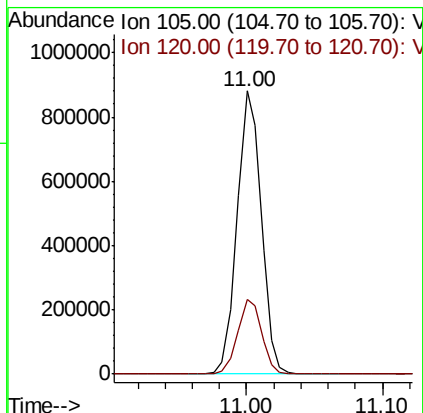
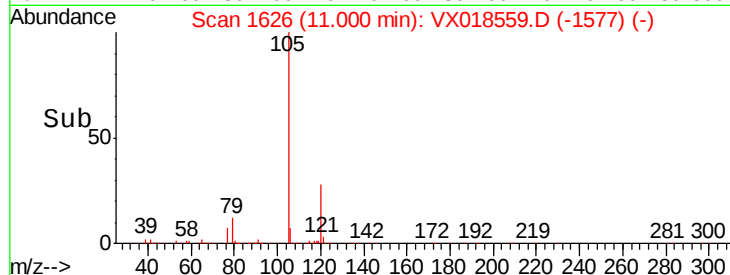
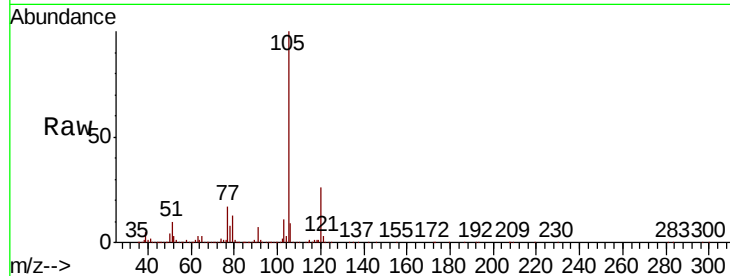
VSTDCCC050

Tot Ion:105 Resp: 1087939

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.2



#74

N-ethyl acetate

Concen: 45.211 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Tgt Ion: 43 Resp: 428857

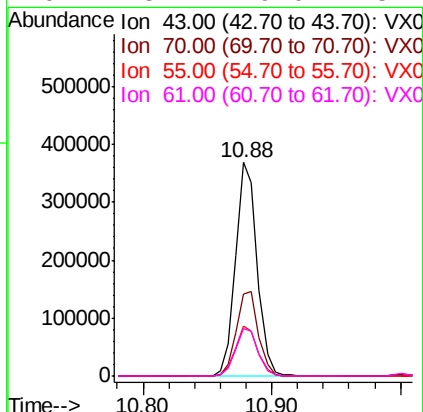
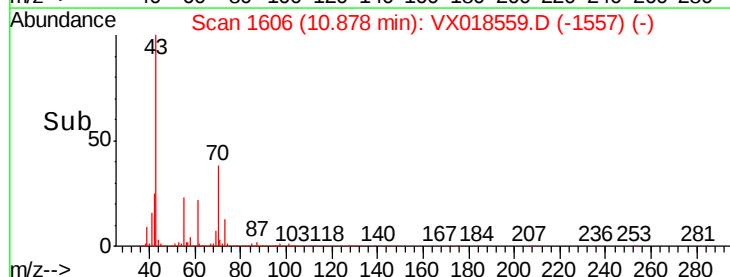
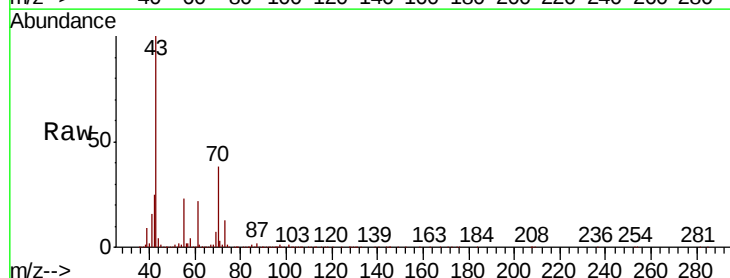
Ion Ratio Lower Upper

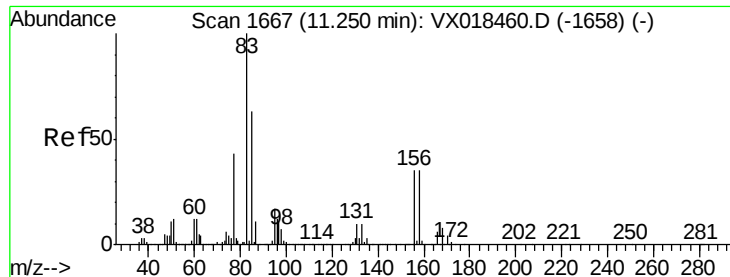
43 100

70 40.8 32.2 48.4

55 24.1 18.8 28.2

61 23.1 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.019 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

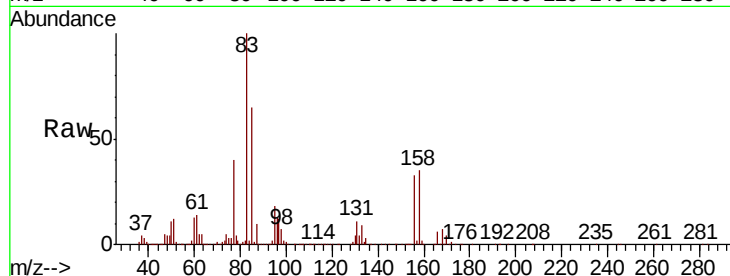
Tot Ion: 83 Resp: 327910

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.4

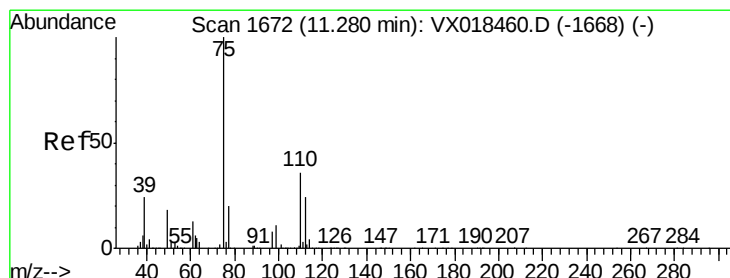
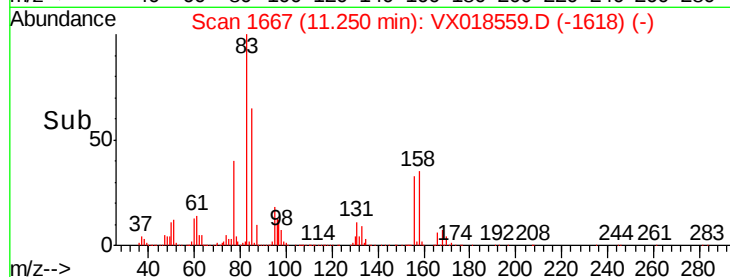
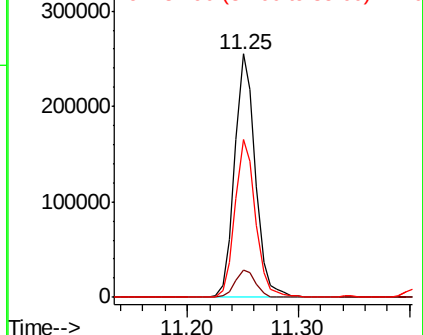
85 64.9 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.838 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018559.D

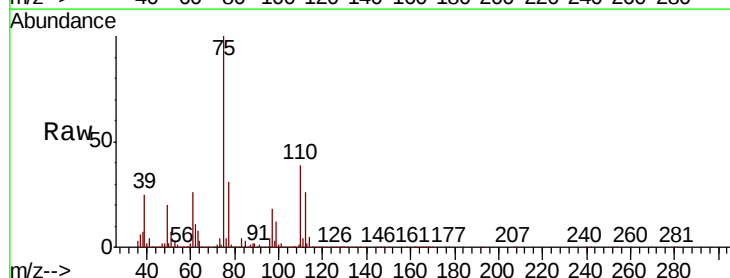
Acq: 24 Sep 2020 10:00

Tgt Ion: 75 Resp: 403226

Ion Ratio Lower Upper

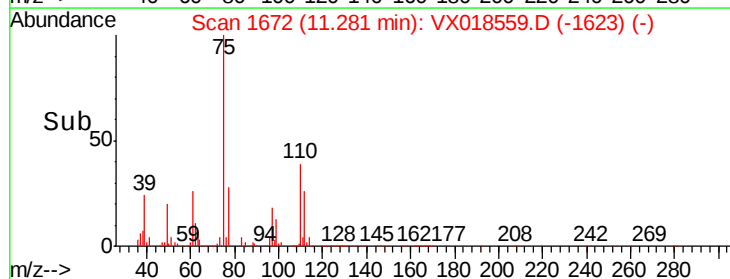
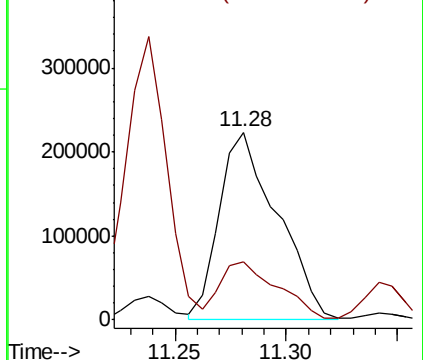
75 100

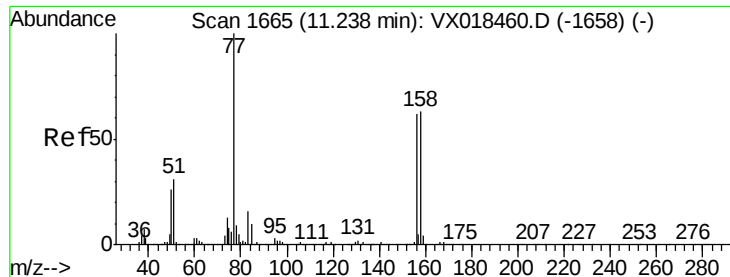
77 31.0 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.920 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

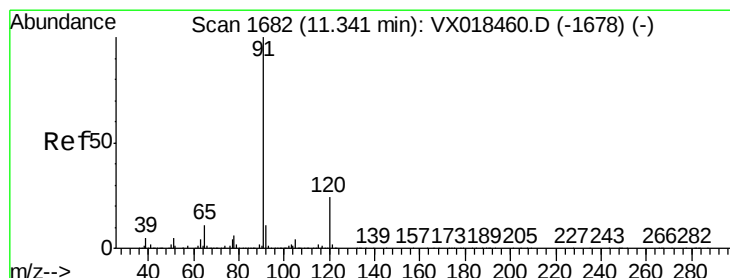
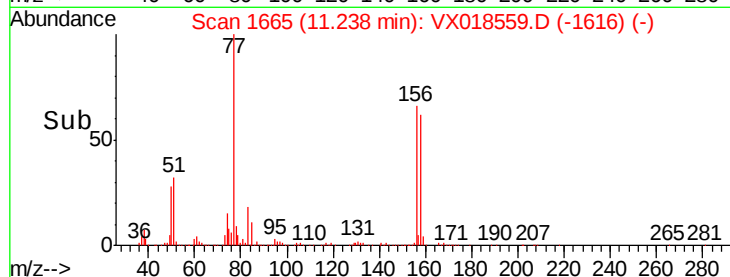
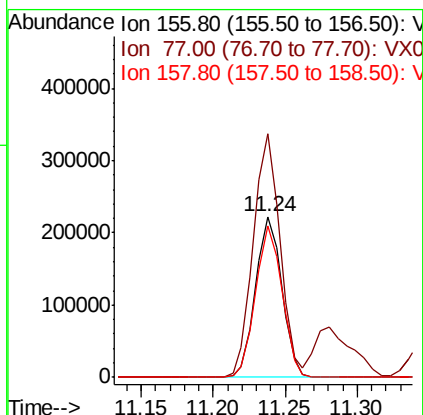
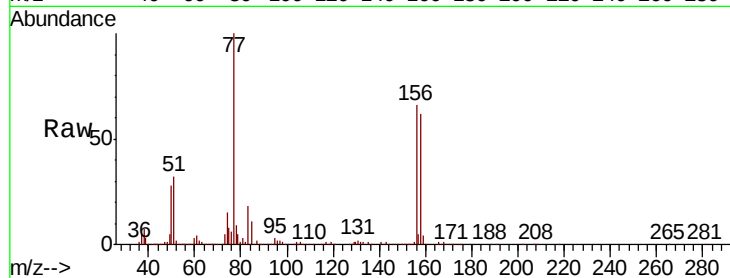
Tot Ion:156 Resp: 278585

Ion Ratio Lower Upper

156 100

77 155.2 78.8 236.5

158 95.8 48.4 145.3



#78

n-propylbenzene

Concen: 50.770 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018559.D

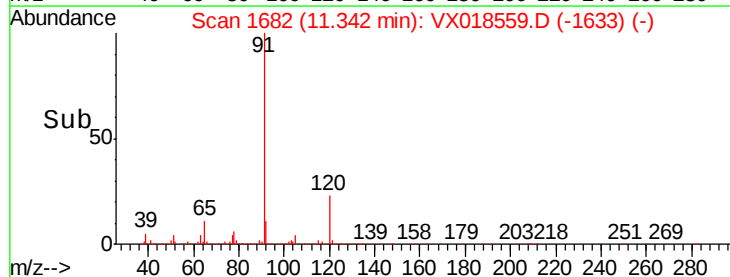
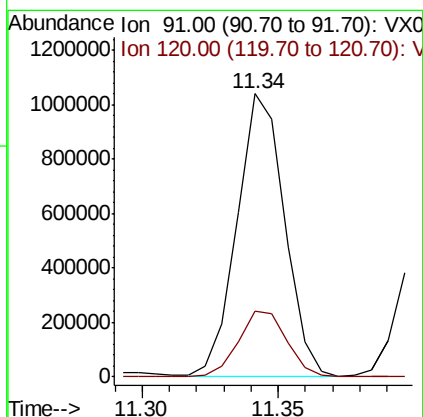
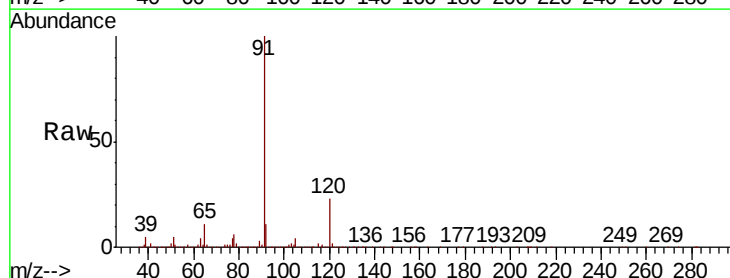
Acq: 24 Sep 2020 10:00

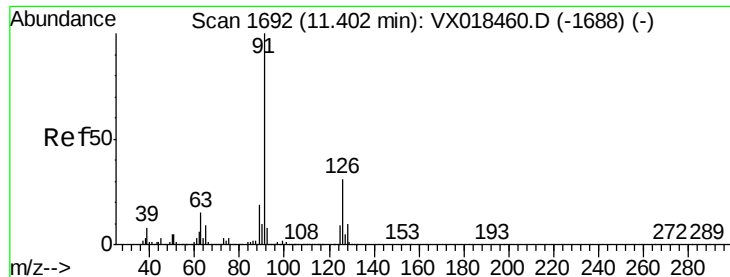
Tgt Ion: 91 Resp: 1252133

Ion Ratio Lower Upper

91 100

120 24.0 11.8 35.3

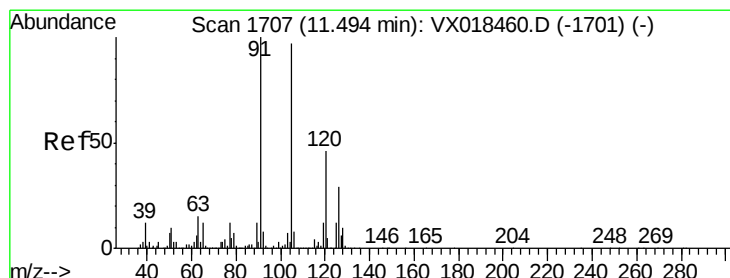
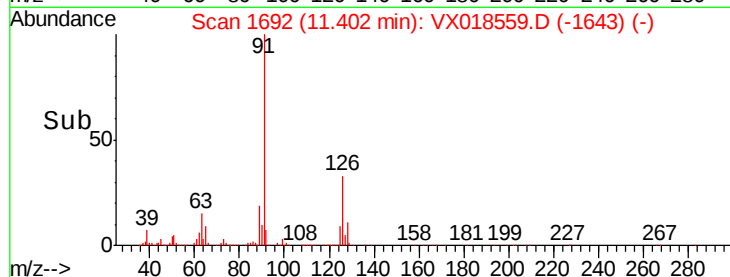
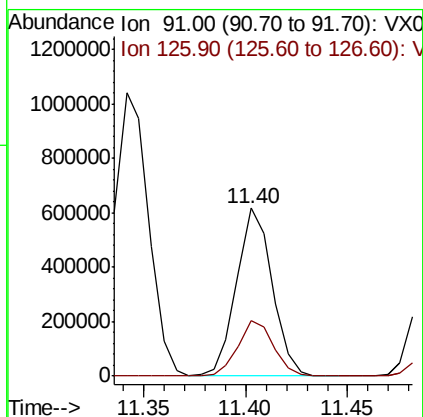
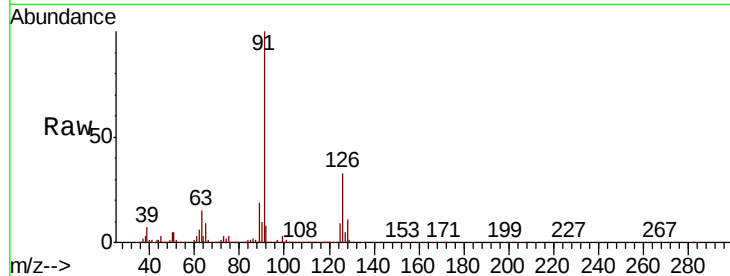




#79
 2-Chlorotoluene
 Concen: 49.906 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

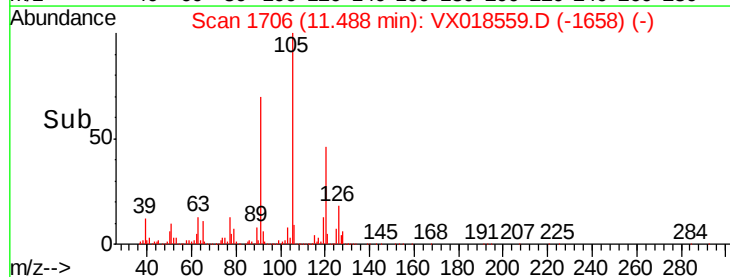
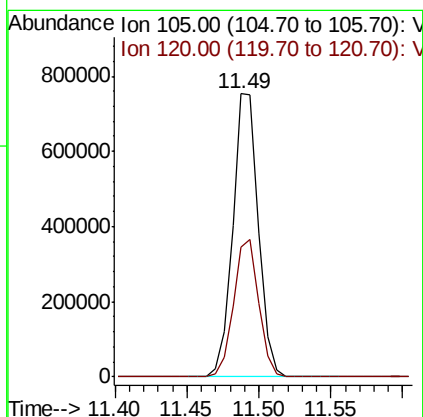
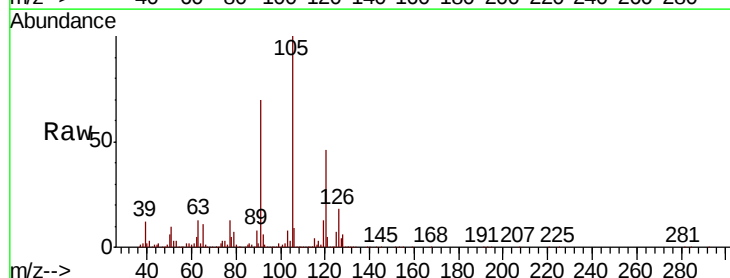
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

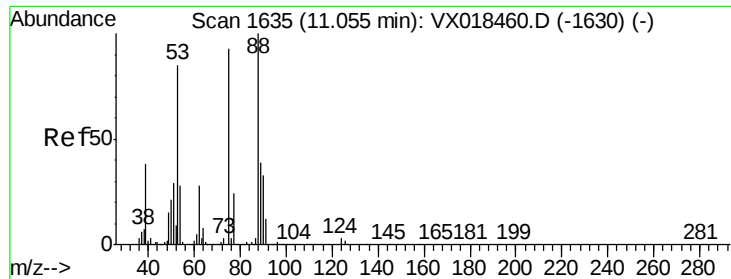
Tot Ion: 91 Resp: 745031
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.039 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

Tgt Ion: 105 Resp: 937709
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.6 71.0

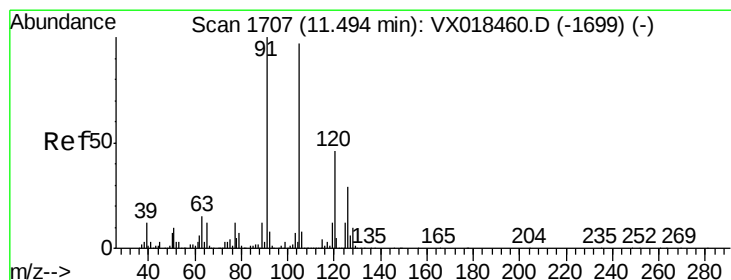
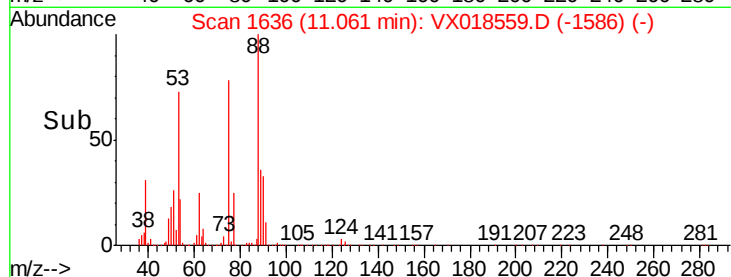
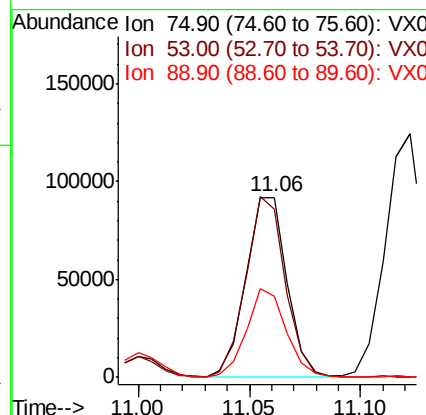
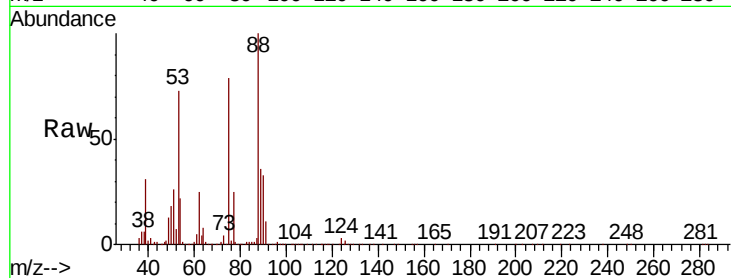




#81
trans-1,4-Dichloro-2-butene
Concen: 45.639 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

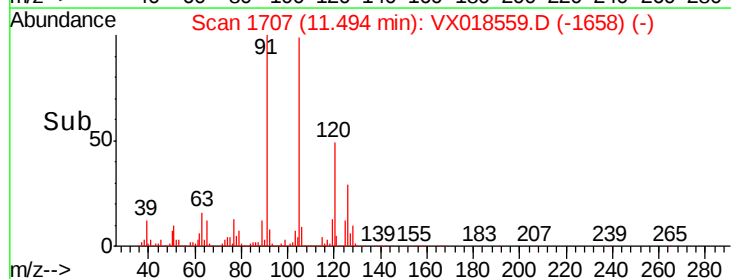
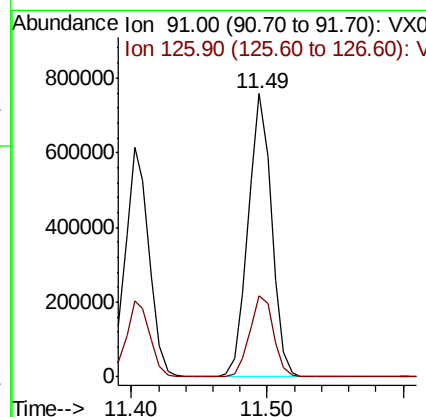
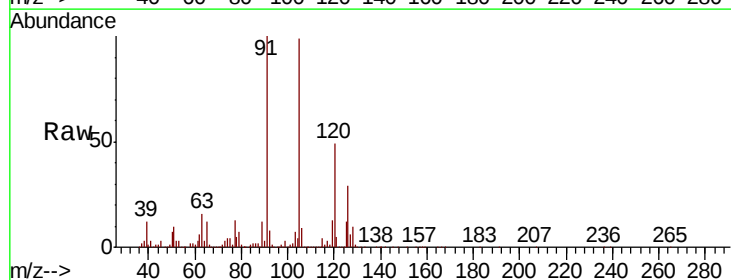
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

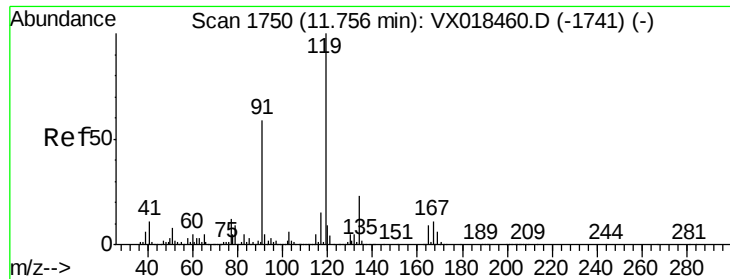
Tot Ion: 75 Resp: 118045
Ion Ratio Lower Upper
75 100
53 96.9 74.6 111.8
89 47.8 36.2 54.4



#82
4-Chlorotoluene
Concen: 51.312 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion: 91 Resp: 910564
Ion Ratio Lower Upper
91 100
126 29.5 15.0 45.0

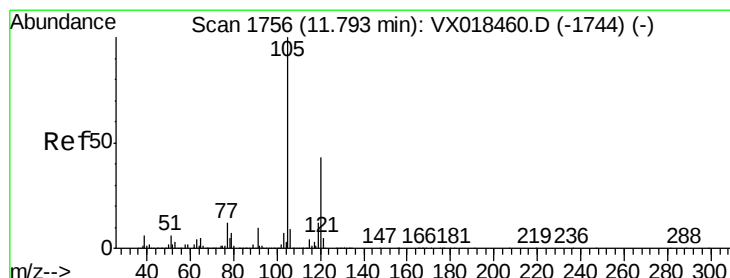
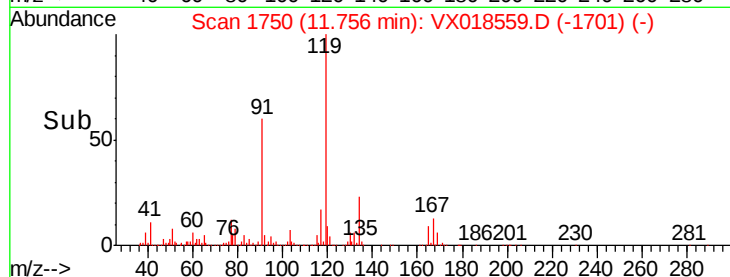
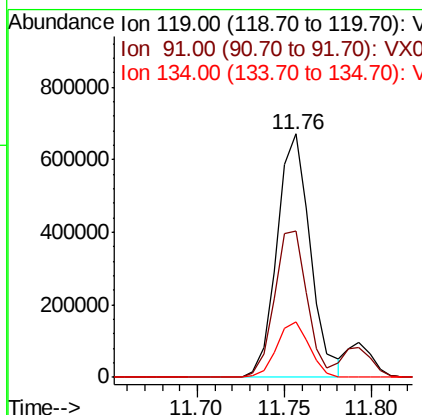
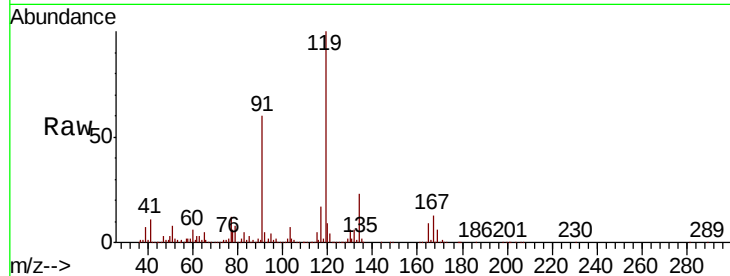




#83
tert-Butylbenzene
Concen: 50.832 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

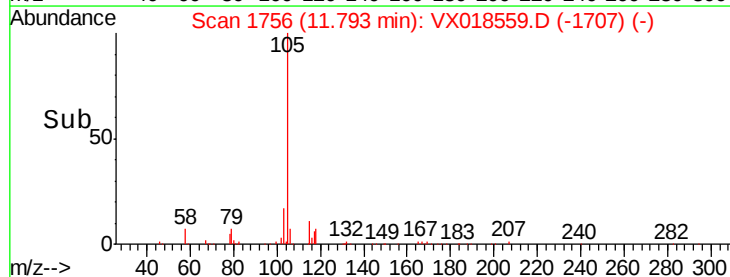
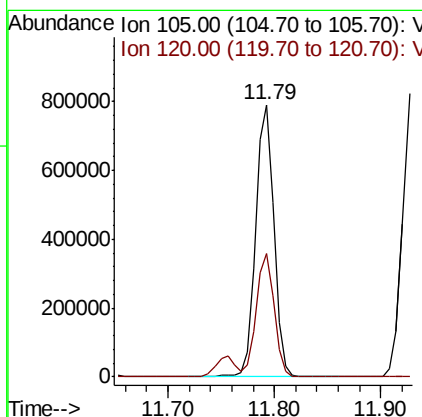
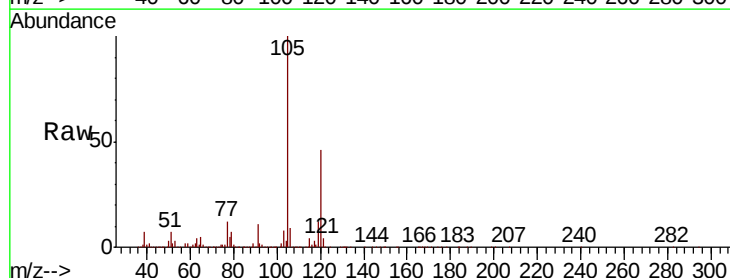
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

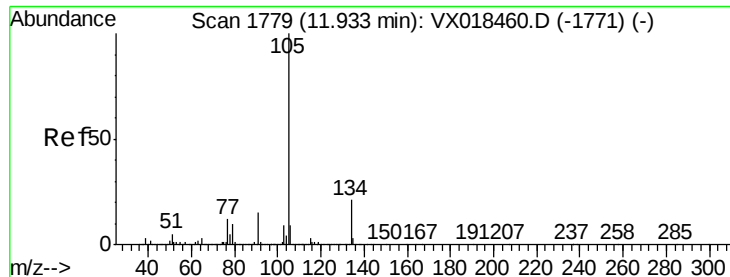
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.7	28.9	86.7
134	22.3	11.3	33.8



#84
1,2,4-Trimethylbenzene
Concen: 52.421 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	21.6	65.0





#85

sec-Butylbenzene

Concen: 51.326 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

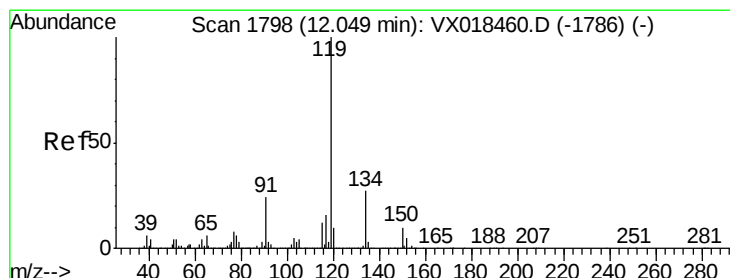
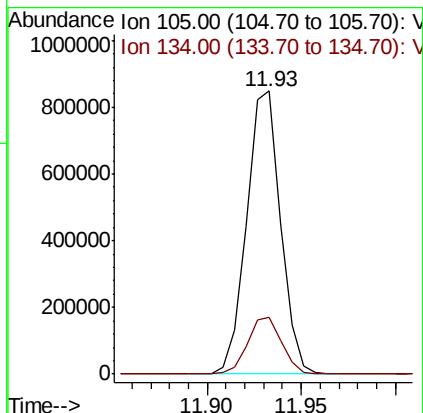
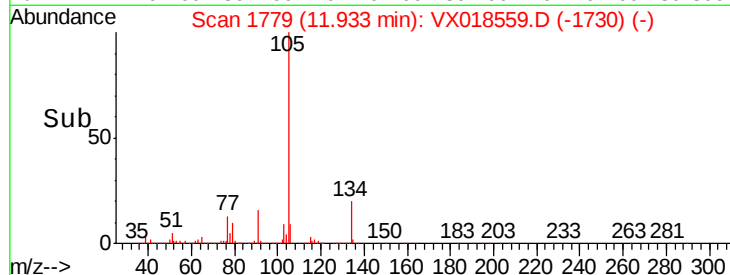
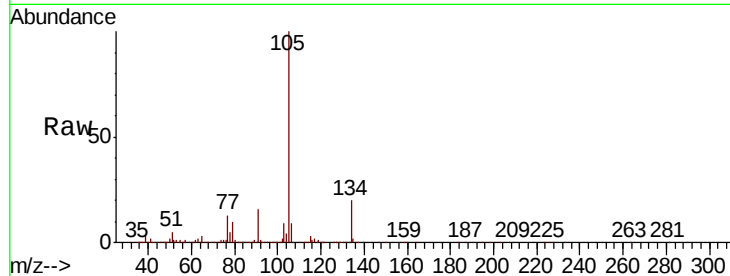
VSTDCCC050

Tot Ion:105 Resp: 1059508

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.016 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

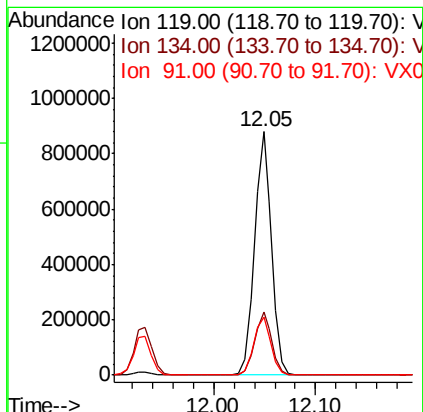
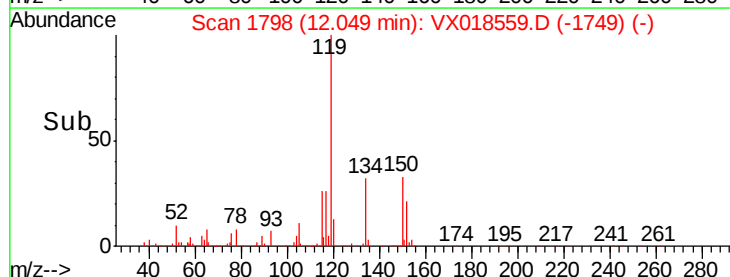
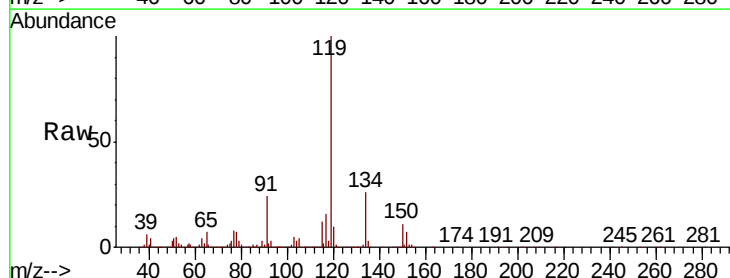
Tgt Ion:119 Resp: 1024777

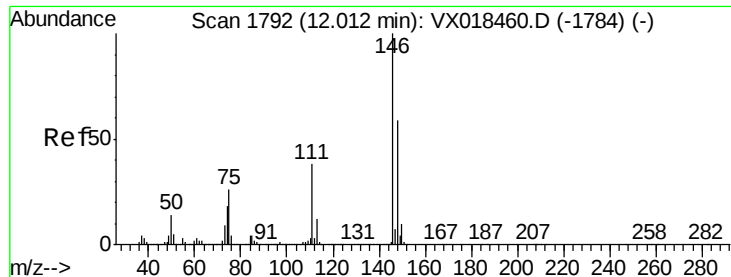
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

91 24.4 11.9 35.9

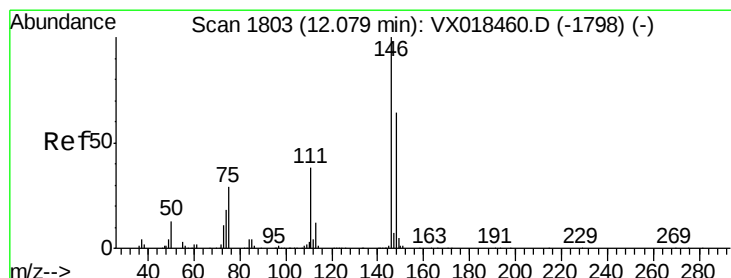
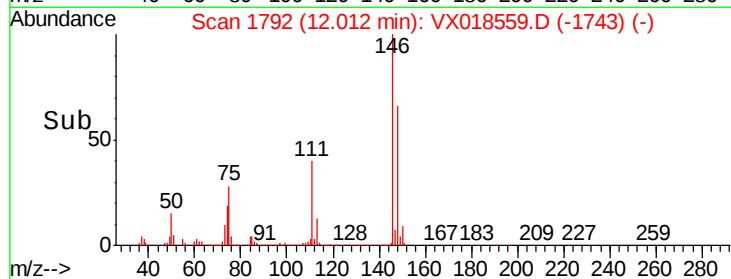
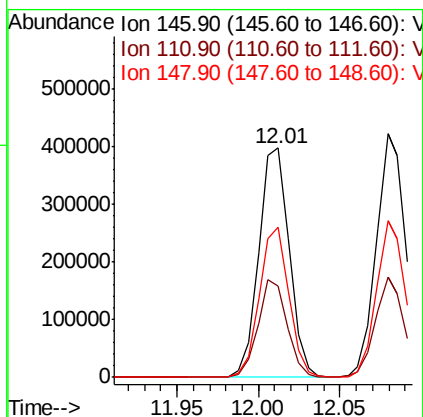
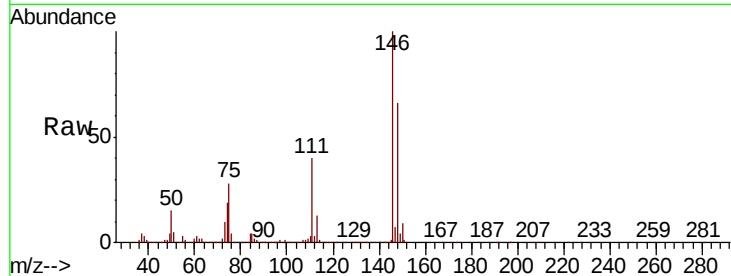




#87
 1,3-Dichlorobenzene
 Concen: 49.275 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

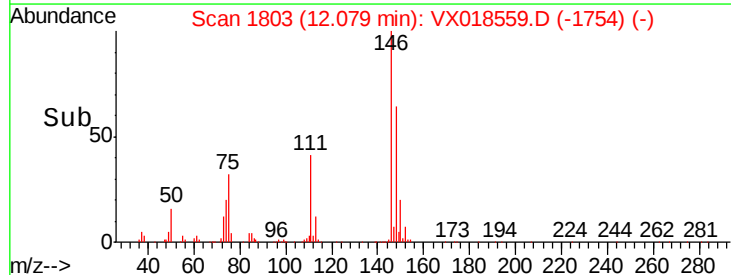
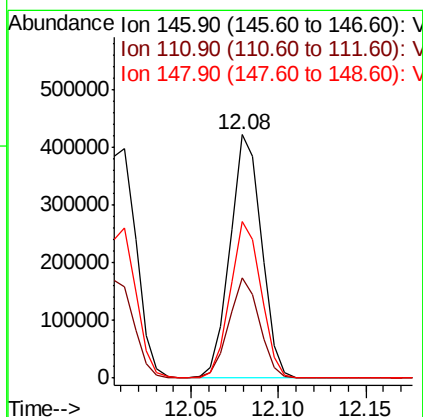
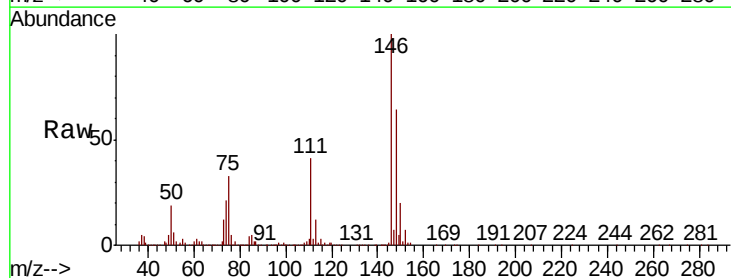
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

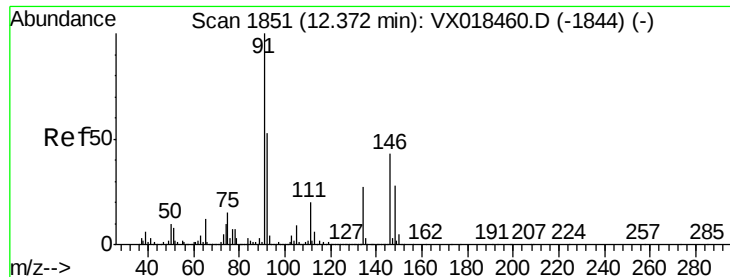
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.2
148	63.0	31.1	93.2



#88
 1,4-Dichlorobenzene
 Concen: 49.664 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.4	58.4
148	63.5	31.8	95.4

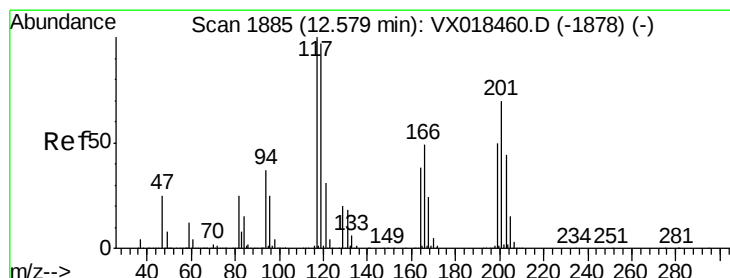
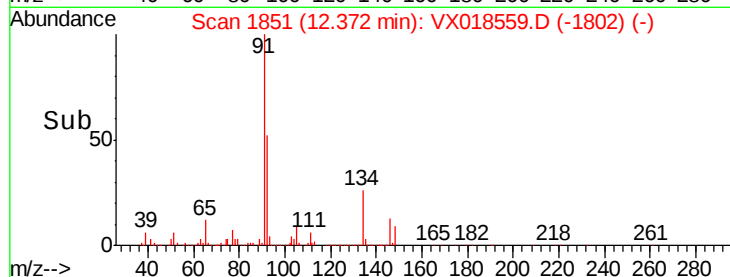
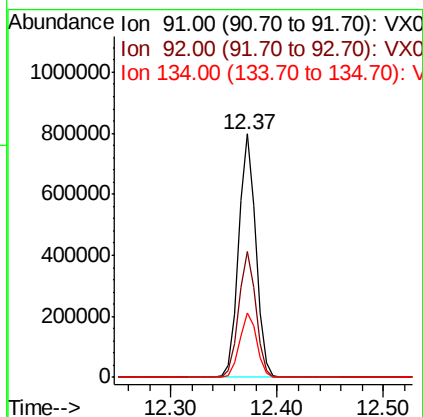
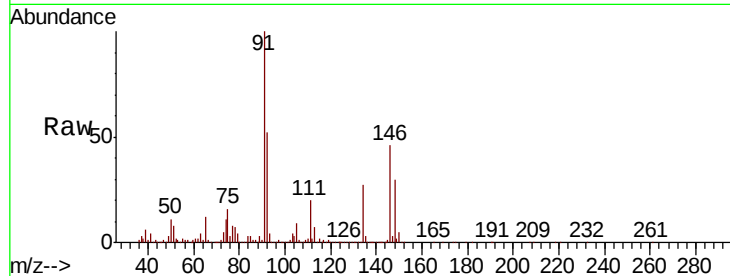




#89
n-Butylbenzene
Concen: 51.219 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

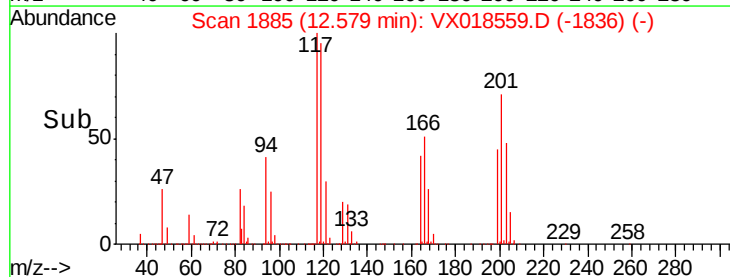
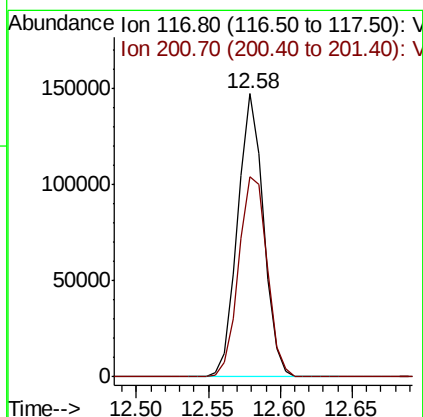
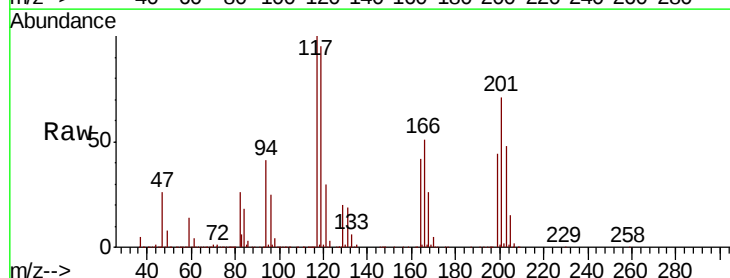
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

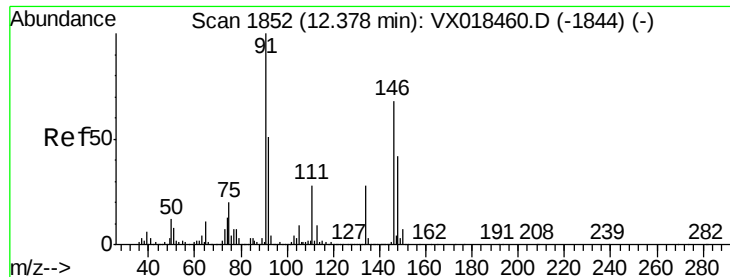
Tot Ion: 91 Resp: 899555
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.2
134 26.7 13.3 39.8



#90
Hexachloroethane
Concen: 49.102 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion: 117 Resp: 185973
Ion Ratio Lower Upper
117 100
201 77.2 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 51.008 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

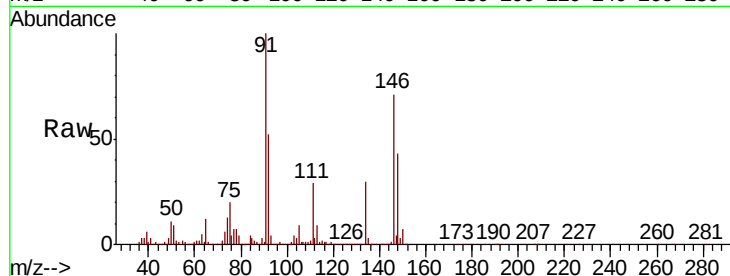
Tot Ion:146 Resp: 499034

Ion Ratio Lower Upper

146 100

111 42.4 21.5 64.5

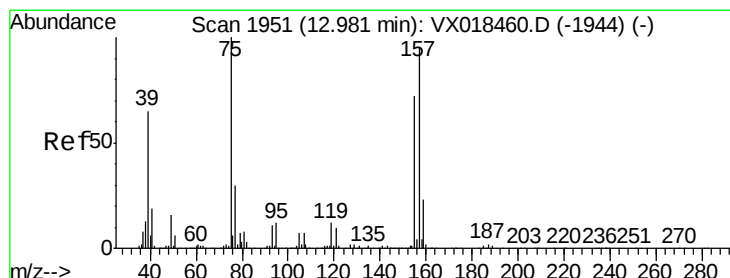
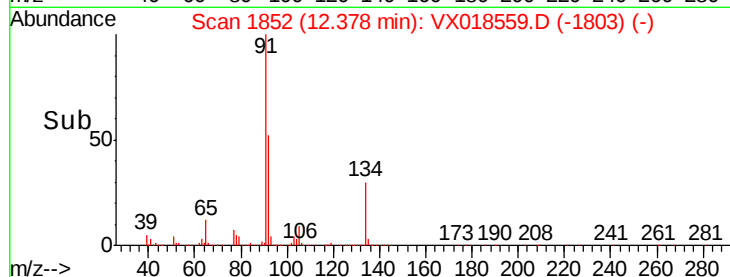
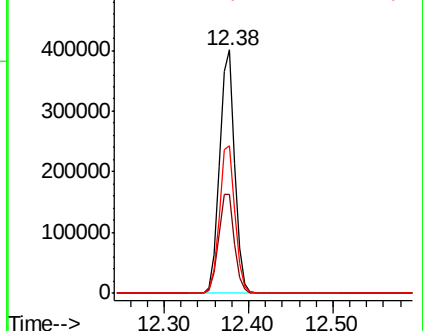
148 62.4 32.1 96.5



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: 47.282 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018559.D

Acq: 24 Sep 2020 10:00

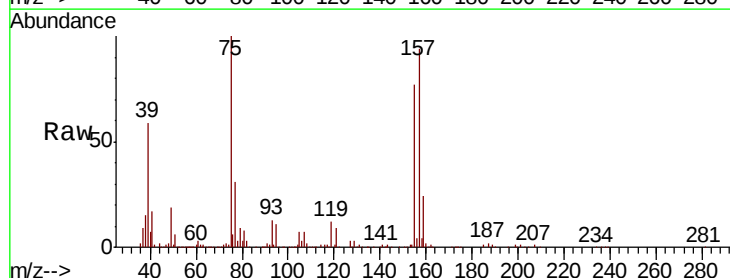
Tgt Ion: 75 Resp: 80050

Ion Ratio Lower Upper

75 100

155 79.9 38.8 116.4

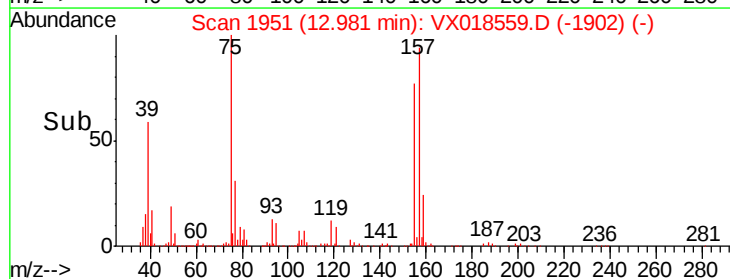
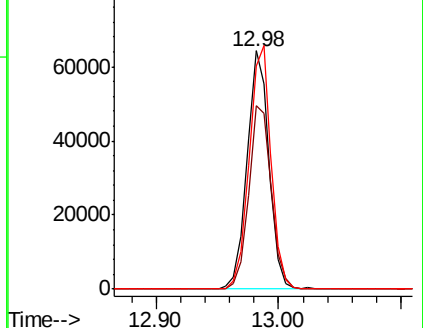
157 102.3 51.1 153.3

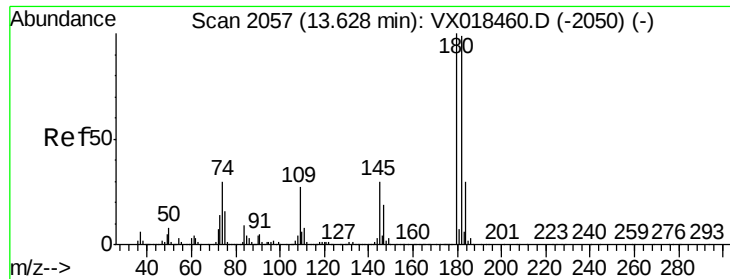


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

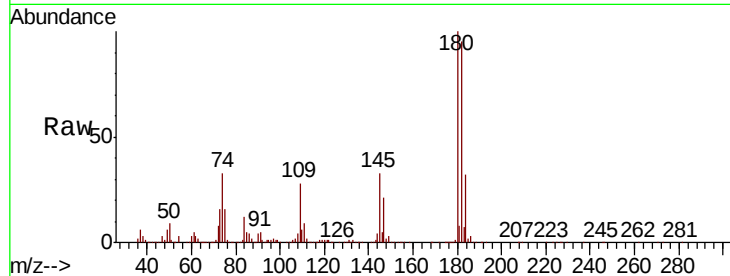




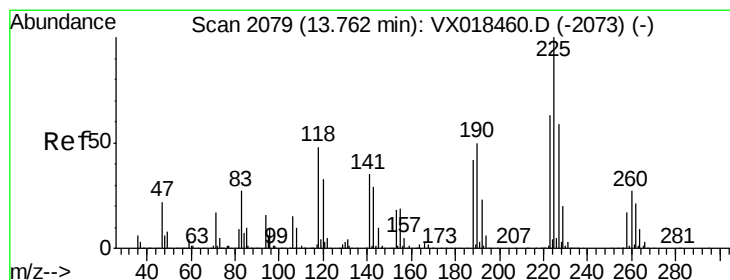
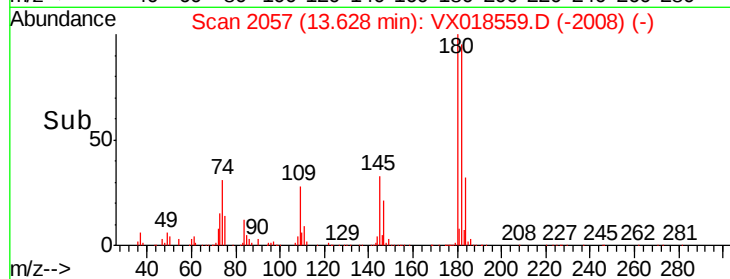
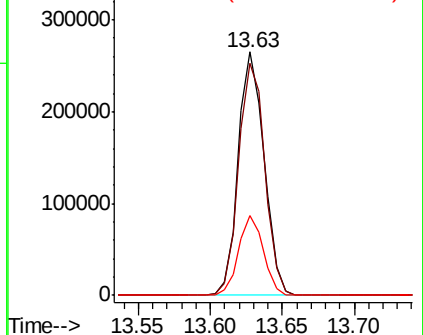
#93
 1,2,4-Trichlorobenzene
 Concen: 48.750 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	50.2	150.6
145	31.5	15.7	47.1

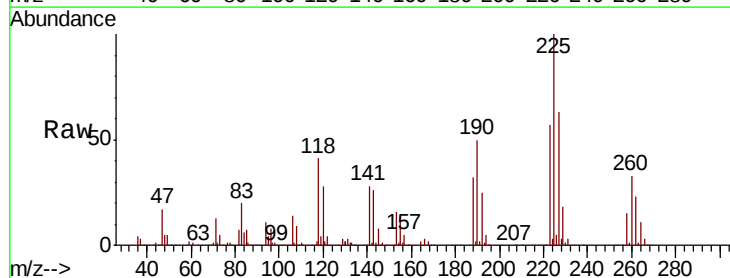


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

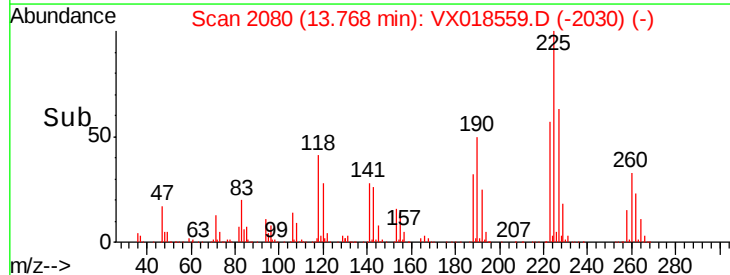
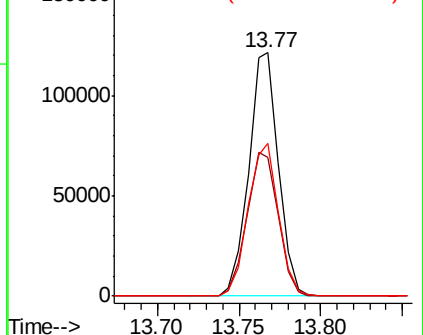


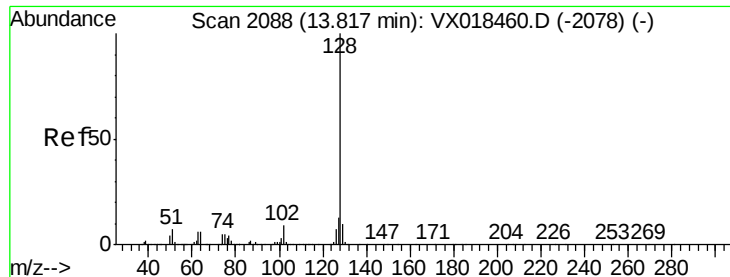
#94
 Hexachlorobutadiene
 Concen: 54.005 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018559.D
 Acq: 24 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.0	96.2
227	63.9	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

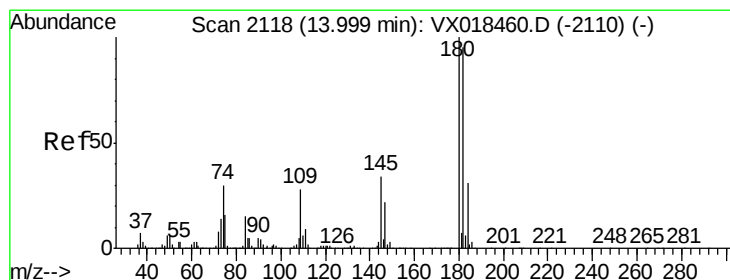
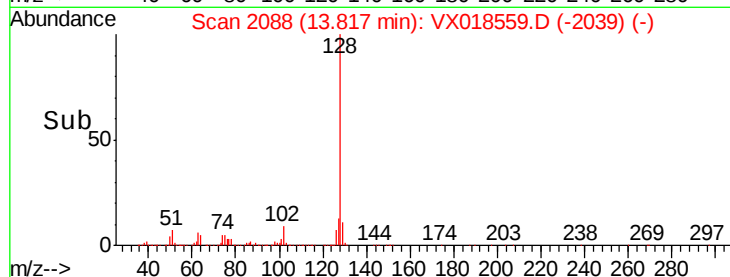
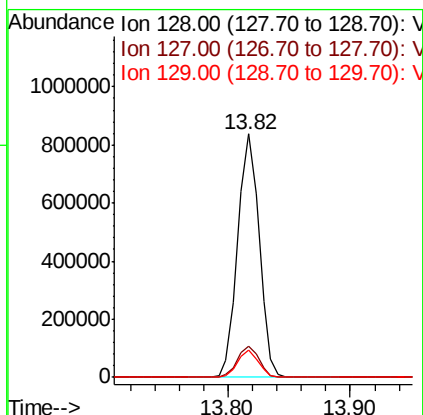
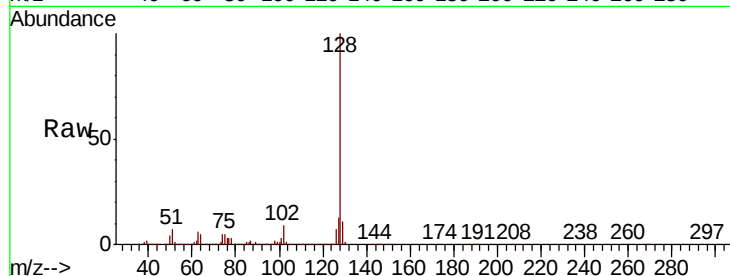




#95
Naphthalene
Concen: 49.455 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1016964
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.546 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018559.D
Acq: 24 Sep 2020 10:00

Tgt Ion:180 Resp: 335423
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.3
145 31.8 16.8 50.4

