

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018589.D
 Acq On : 25 Sep 2020 10:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 03 01:27:56 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	486492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	718870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	678830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	370668	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	329831	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
35) Dibromofluoromethane	5.46	113	257480	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
50) Toluene-d8	8.70	98	929007	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.12	95	356446	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	237360	51.462	ug/l	97
3) Chloromethane	1.31	50	248140	45.953	ug/l	97
4) Vinyl Chloride	1.39	62	262381	45.898	ug/l	100
5) Bromomethane	1.64	94	179519	51.165	ug/l	99
6) Chloroethane	1.71	64	153079	46.788	ug/l	98
7) Trichlorofluoromethane	1.92	101	465802	53.636	ug/l	98
8) Diethyl Ether	2.17	74	139873	45.905	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	242961	51.977	ug/l	99
10) Methyl Iodide	2.50	142	306682	52.728	ug/l	96
11) Tert butyl alcohol	3.05	59	222813	186.070	ug/l	100
12) 1,1-Dichloroethene	2.36	96	224654	47.684	ug/l	98
13) Acrolein	2.28	56	133496	176.064	ug/l	98
14) Allyl chloride	2.71	41	408336	44.725	ug/l	96
15) Acrylonitrile	3.12	53	624203	218.466	ug/l	99
16) Acetone	2.43	43	681930	259.091	ug/l	99
17) Carbon Disulfide	2.55	76	641978	45.626	ug/l	99
18) Methyl Acetate	2.75	43	296864	45.523	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	831602	50.282	ug/l	97
20) Methylene Chloride	2.84	84	262485	45.200	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	252557	46.125	ug/l	95
22) Diisopropyl ether	3.82	45	827766	48.235	ug/l	92
23) Vinyl Acetate	3.78	43	3597089	236.543	ug/l	100
24) 1,1-Dichloroethane	3.67	63	466596	47.145	ug/l	99
25) 2-Butanone	4.64	43	916209	223.534	ug/l	99
26) 2,2-Dichloropropane	4.55	77	444290	48.586	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	282012	45.951	ug/l	98
28) Bromochloromethane	4.98	49	235799	50.914	ug/l	97
29) Tetrahydrofuran	5.09	42	541148	209.474	ug/l	98
30) Chloroform	5.18	83	502708	50.061	ug/l	99
31) Cyclohexane	5.54	56	387939	46.579	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	469853	49.874	ug/l	97
36) 1,1-Dichloropropene	5.77	75	362627	51.972	ug/l	99
37) Ethyl Acetate	4.79	43	343014	46.037	ug/l	99
38) Carbon Tetrachloride	5.75	117	443233	57.358	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	400374	51.075	ug/l	98
40) Benzene	6.11	78	1016863	50.853	ug/l	99
41) Methacrylonitrile	5.00	41	195302	47.173	ug/l	99
42) 1,2-Dichloroethane	6.16	62	422799	54.350	ug/l	99
43) Isopropyl Acetate	6.41	43	586652	47.448	ug/l	100
44) Trichloroethene	7.18	130	299394	51.721	ug/l	95
45) 1,2-Dichloropropane	7.49	63	272115	49.580	ug/l	96
46) Dibromomethane	7.63	93	195586	51.870	ug/l	98
47) Bromodichloromethane	7.87	83	412882	54.331	ug/l	98
48) Methyl methacrylate	7.74	41	289706	48.139	ug/l	97
49) 1,4-Dioxane	7.76	88	74226	746.445	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1784664	242.422	ug/l	99
52) Toluene	8.76	92	656884	52.204	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	452332	52.384	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	471567	53.010	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	277262	53.102	ug/l	98
56) Ethyl methacrylate	9.16	69	396449	51.207	ug/l	98
57) 1,3-Dichloropropane	9.35	76	453161	51.657	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1000672	243.108	ug/l	99
59) 2-Hexanone	9.47	43	1375773	245.697	ug/l	99
60) Dibromochloromethane	9.57	129	337276	54.173	ug/l	100
61) 1,2-Dibromoethane	9.65	107	299012	53.823	ug/l	99
64) Tetrachloroethene	9.32	164	289723	54.211	ug/l	96
65) Chlorobenzene	10.12	112	719277	51.458	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	298163	53.173	ug/l	99
67) Ethyl Benzene	10.23	91	1293831	53.476	ug/l	98
68) m/p-Xylenes	10.34	106	996056	108.831	ug/l	100
69) o-Xylene	10.68	106	462261	53.337	ug/l	99
70) Styrene	10.70	104	810912	54.189	ug/l	98
71) Bromoform	10.84	173	247829	52.639	ug/l #	99
73) Isopropylbenzene	11.00	105	1298395	52.435	ug/l	99
74) N-amyl acetate	10.88	43	513339	46.048	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	392287	47.862	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	469090	60.222	ug/l	85
77) Bromobenzene	11.24	156	325044	47.575	ug/l	98
78) n-propylbenzene	11.34	91	1503199	51.862	ug/l	100
79) 2-Chlorotoluene	11.40	91	887183	50.567	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1116936	52.743	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	140932	46.363	ug/l	97
82) 4-Chlorotoluene	11.49	91	1075965	51.591	ug/l	99
83) tert-Butylbenzene	11.76	119	1051984	51.164	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1135143	53.226	ug/l	99
85) sec-Butylbenzene	11.93	105	1258296	51.866	ug/l	99
86) p-Isopropyltoluene	12.05	119	1189580	53.353	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	629377	51.234	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	620226	49.794	ug/l	99
89) n-Butylbenzene	12.37	91	1075714	52.116	ug/l	100
90) Hexachloroethane	12.58	117	225758	50.718	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	603977	52.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94834	47.662	ug/l	98

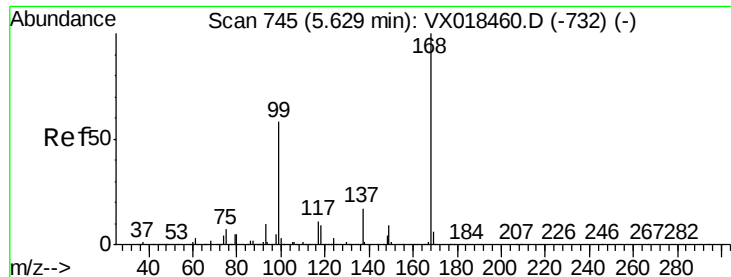
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	402063	50.244	ug/l	94
94) Hexachlorobutadiene	13.77	225	178436	53.138	ug/l	99
95) Naphthalene	13.82	128	1220344	50.496	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	382130	49.967	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: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

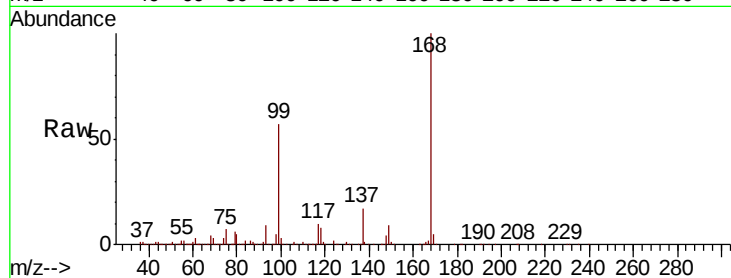
VSTDCCC050

Tot Ion:168 Resp: 486492

Ion Ratio Lower Upper

168 100

99 56.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

200000

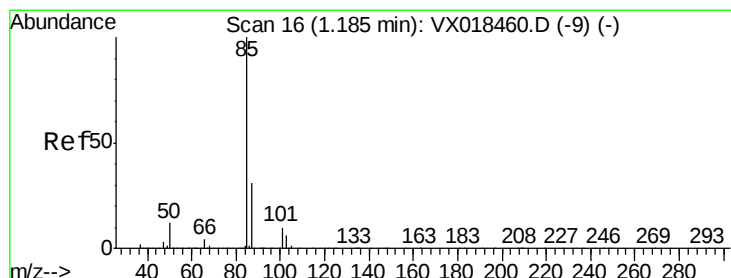
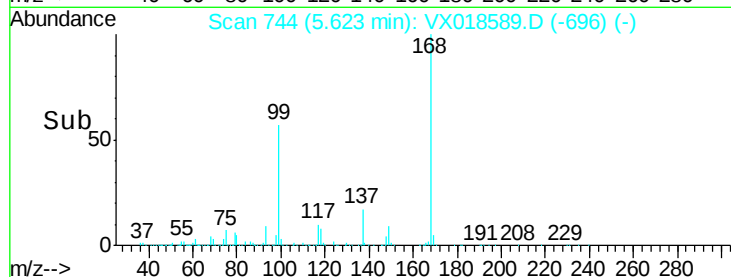
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.462 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018589.D

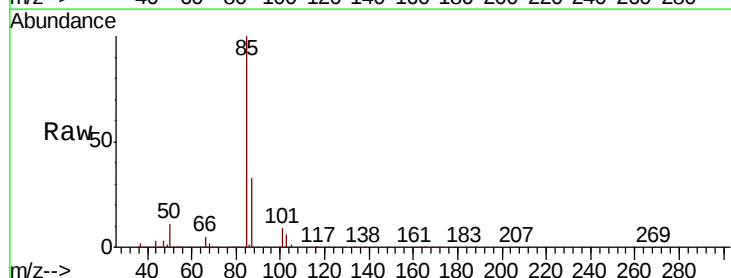
Acq: 25 Sep 2020 10:00

Tgt Ion: 85 Resp: 237360

Ion Ratio Lower Upper

85 100

87 32.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

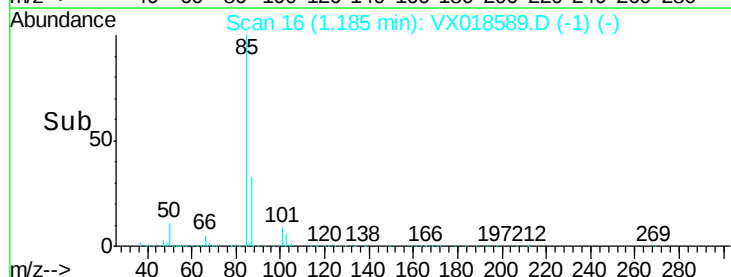
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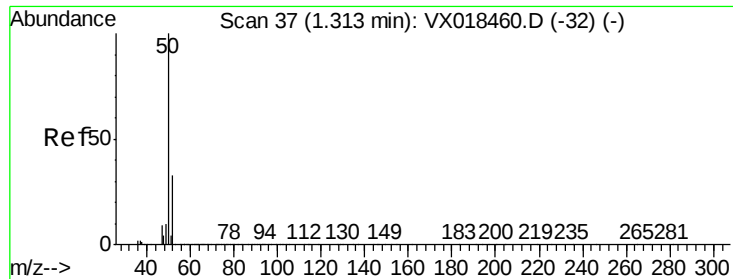
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Time-->

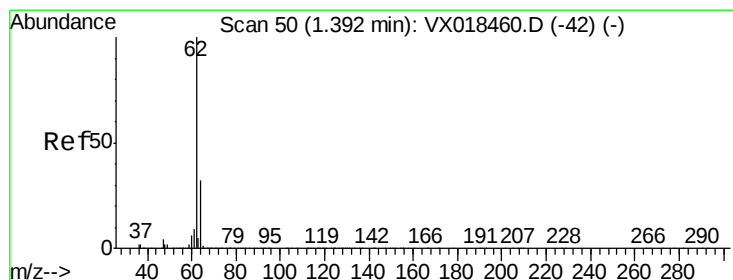
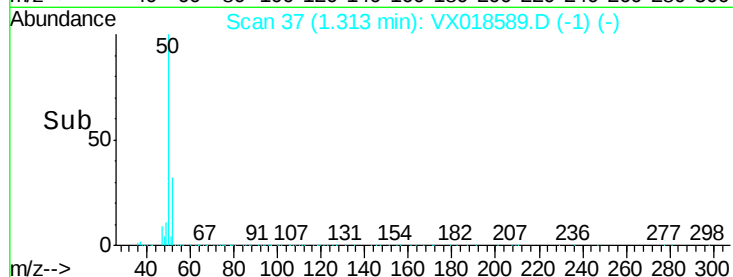
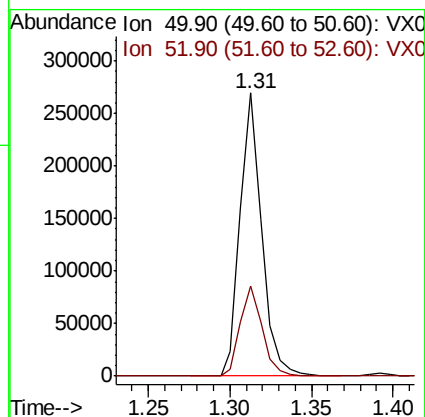
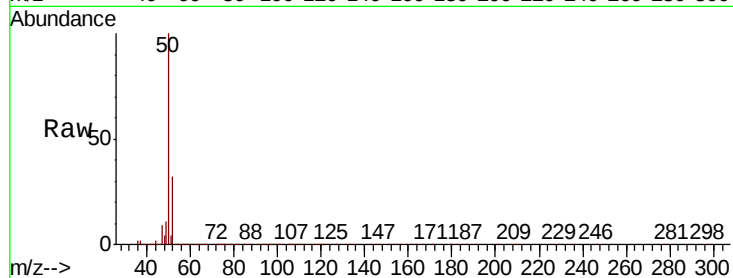




#3
Chloromethane
Concen: 45.953 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

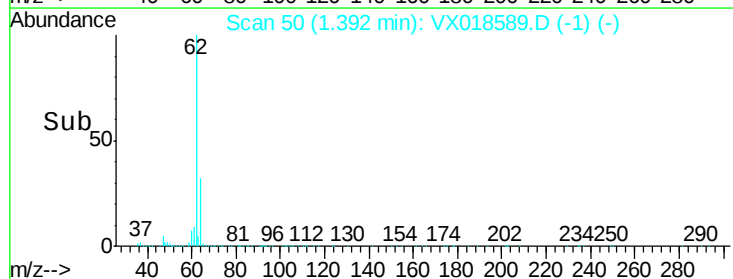
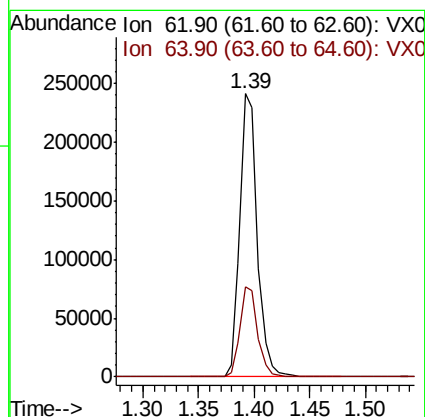
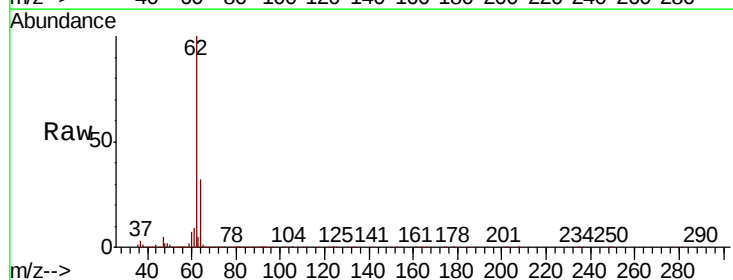
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

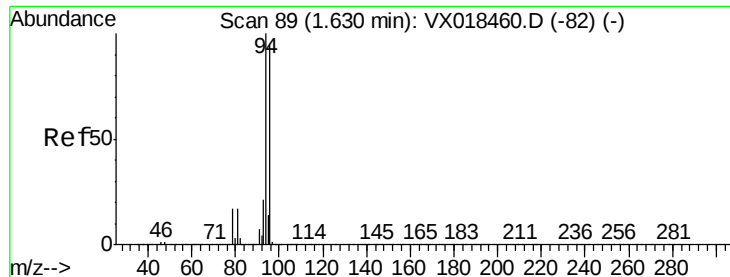
Tot Ion: 50 Resp: 248140
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0



#4
Vinyl Chloride
Concen: 45.898 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion: 62 Resp: 262381
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5





#5

Bromomethane

Concen: 51.165 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

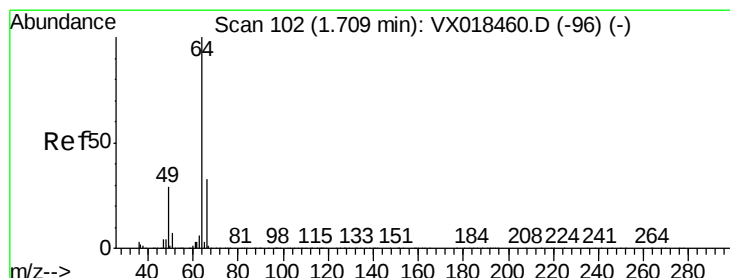
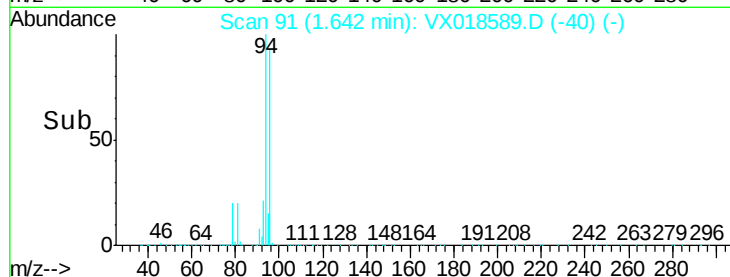
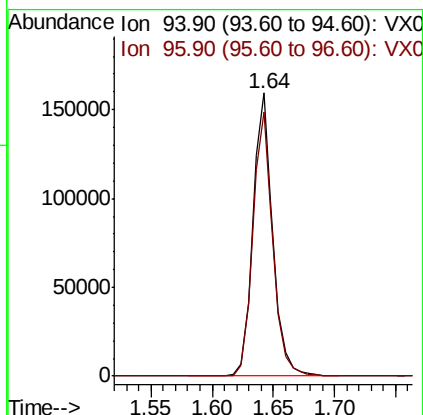
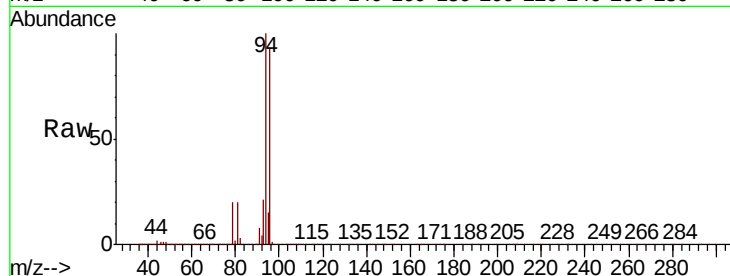
VSTDCCC050

Tot Ion: 94 Resp: 179519

Ion Ratio Lower Upper

94 100

96 93.2 75.5 113.3



#6

Chloroethane

Concen: 46.788 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018589.D

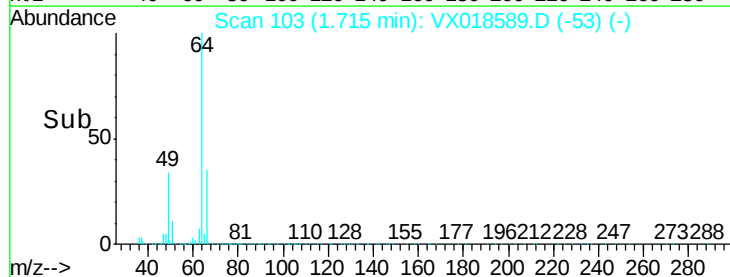
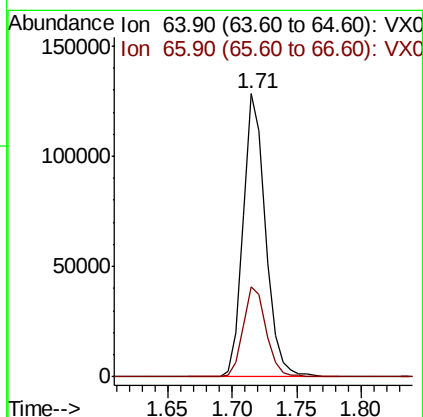
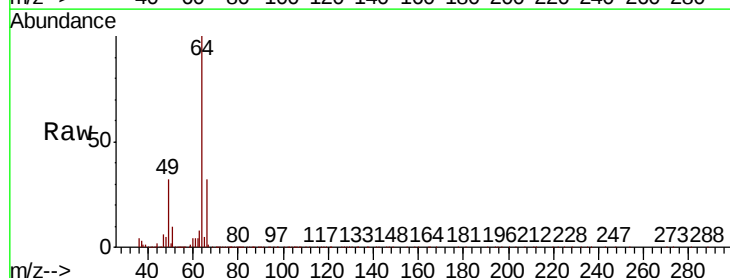
Acq: 25 Sep 2020 10:00

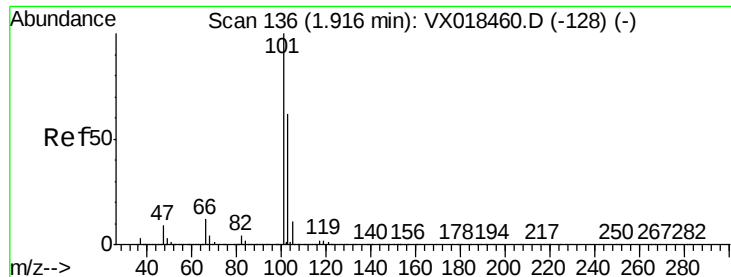
Tgt Ion: 64 Resp: 153079

Ion Ratio Lower Upper

64 100

66 31.7 26.2 39.4



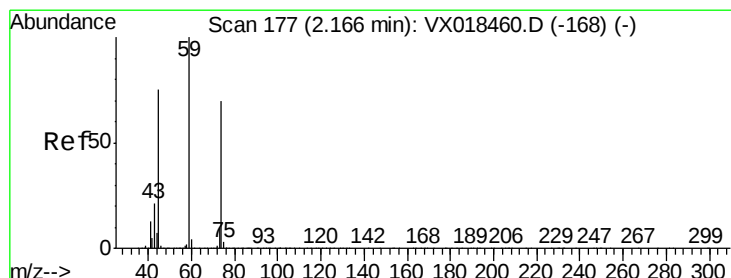
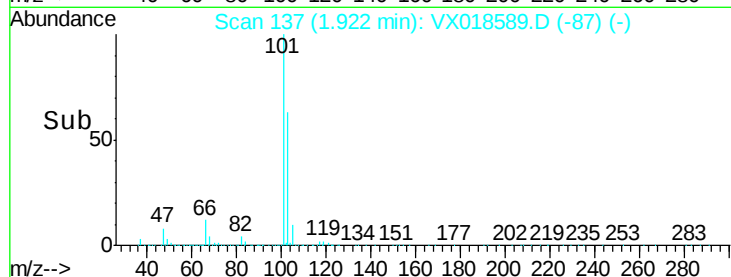
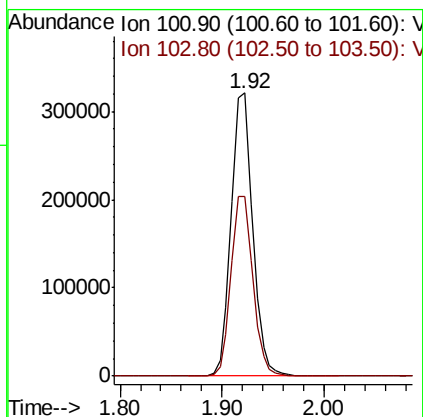
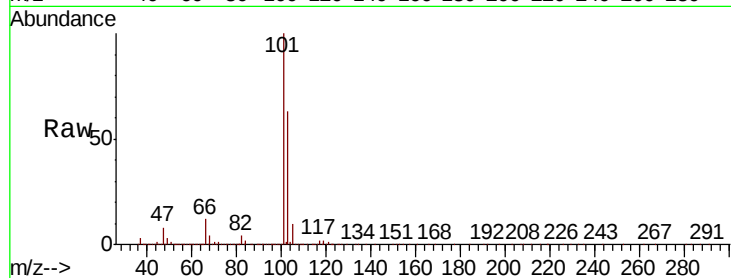


#7

Trichlorofluoromethane
Concen: 53.636 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

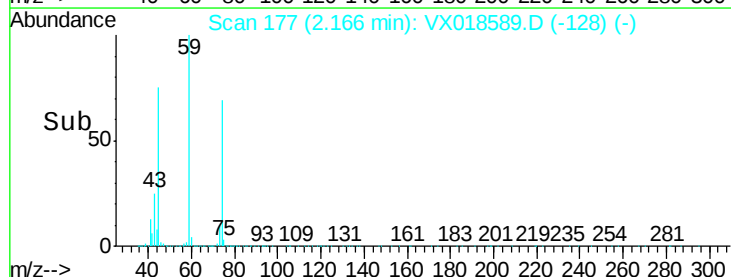
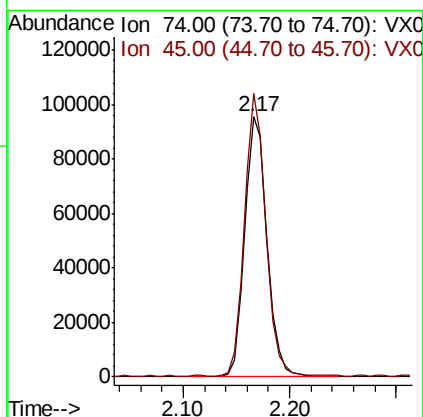
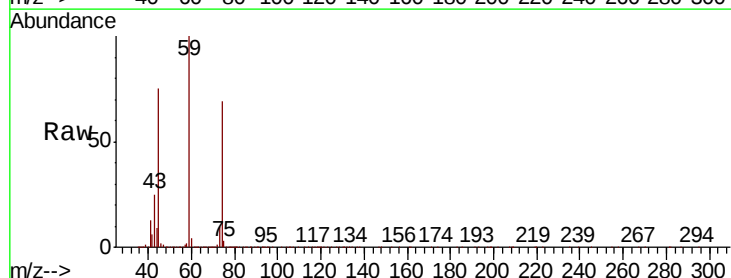
Tot Ion:101 Resp: 465802
Ion Ratio Lower Upper
101 100
103 63.3 49.6 74.4

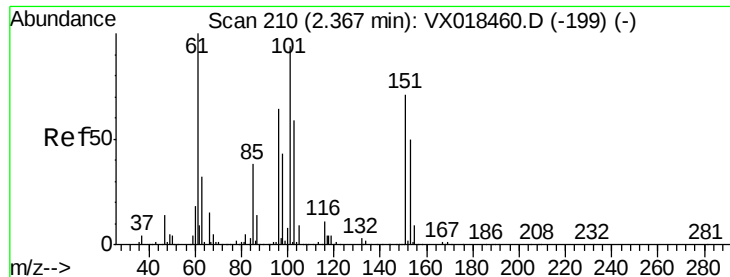


#8

Diethyl Ether
Concen: 45.905 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion: 74 Resp: 139873
Ion Ratio Lower Upper
74 100
45 104.4 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.977 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

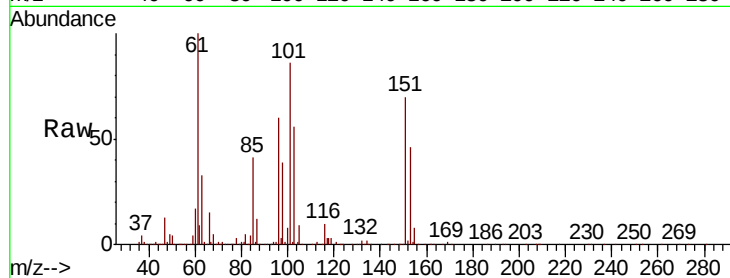
Tot Ion:101 Resp: 242961

Ion Ratio Lower Upper

101 100

85 44.7 34.7 52.1

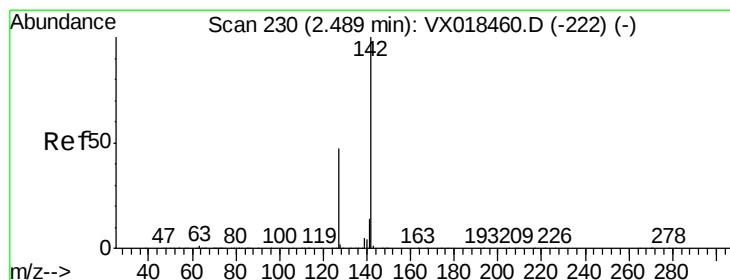
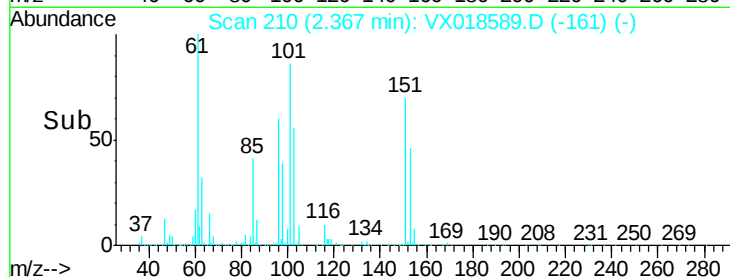
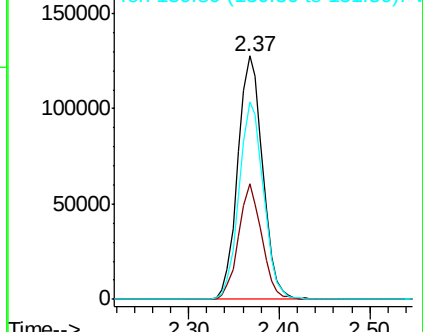
151 80.1 64.9 97.3



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: 52.728 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

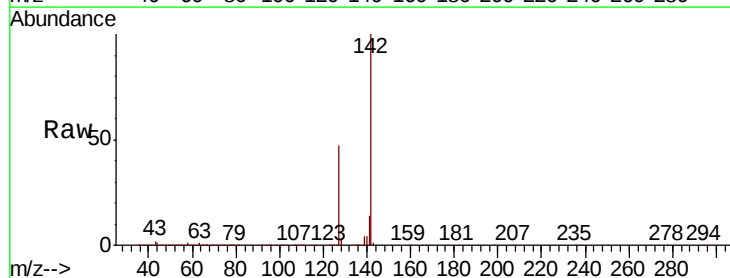
Tgt Ion:142 Resp: 306682

Ion Ratio Lower Upper

142 100

127 48.1 36.0 54.0

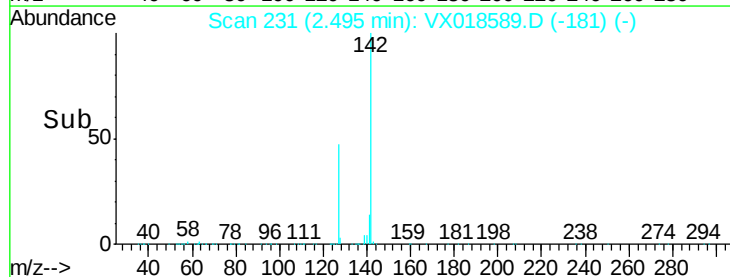
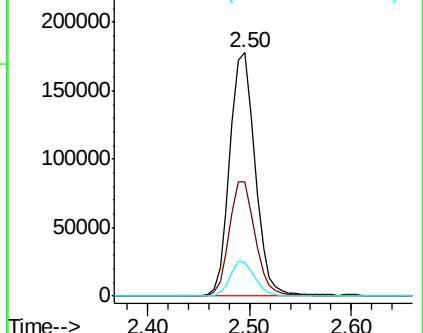
141 14.0 11.9 17.9

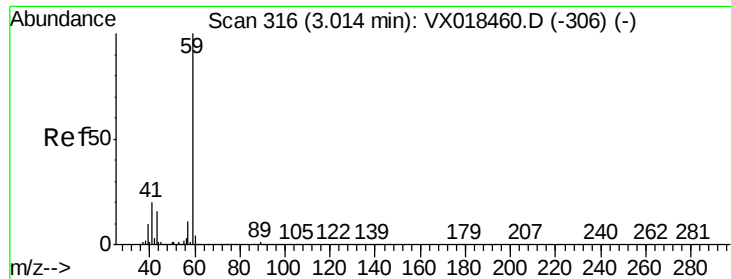


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

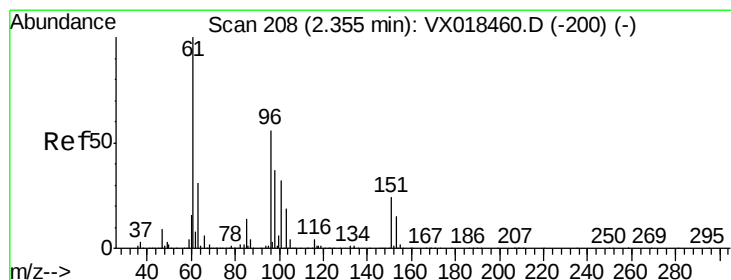
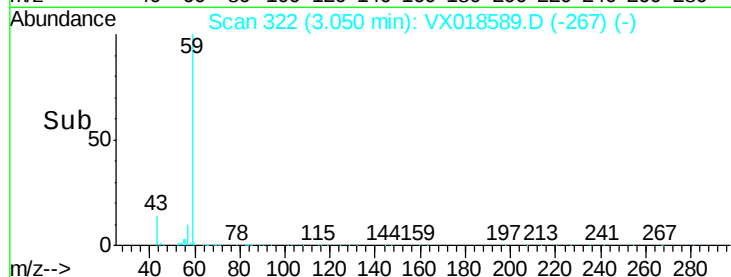
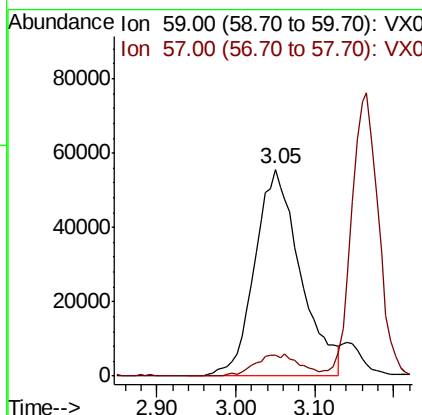
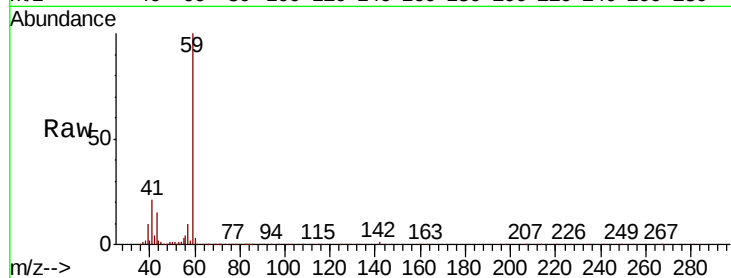




#11
Tert butyl alcohol
Concen: 186.070 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.04 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

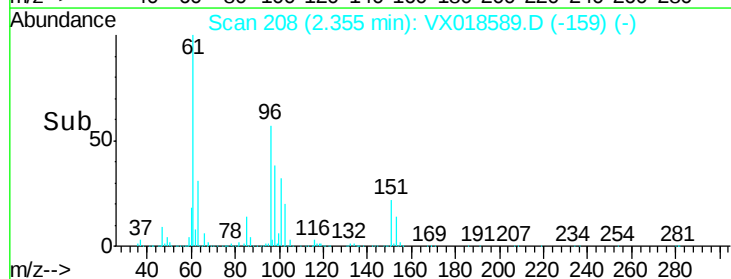
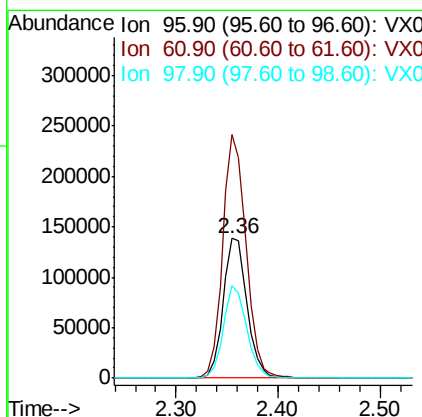
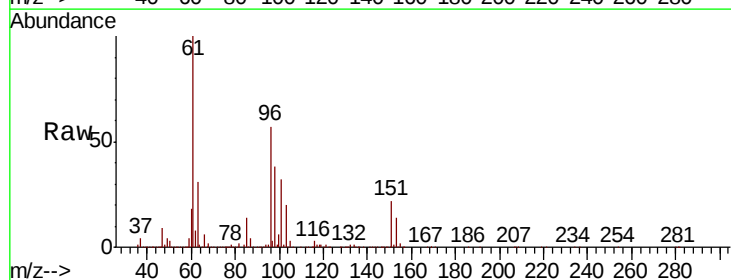
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

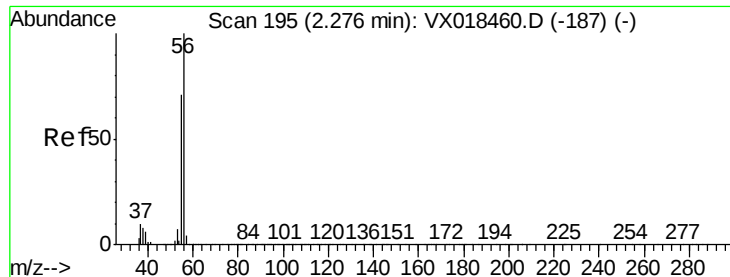
Tot Ion: 59 Resp: 222813
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.684 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion: 96 Resp: 224654
Ion Ratio Lower Upper
96 100
61 174.2 142.2 213.4
98 65.8 52.4 78.6





#13

Acrolein

Concen: 176.064 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

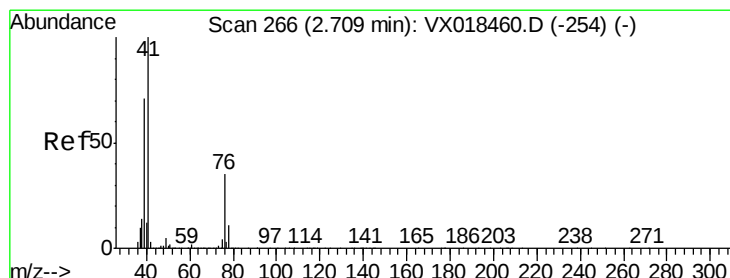
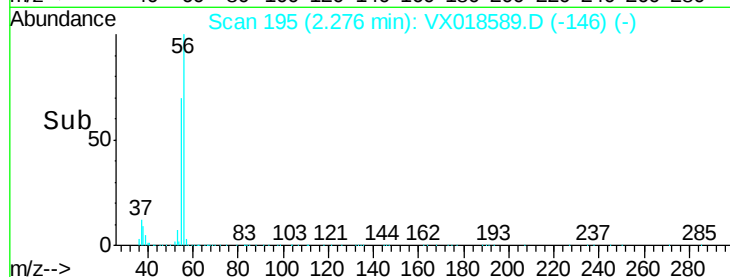
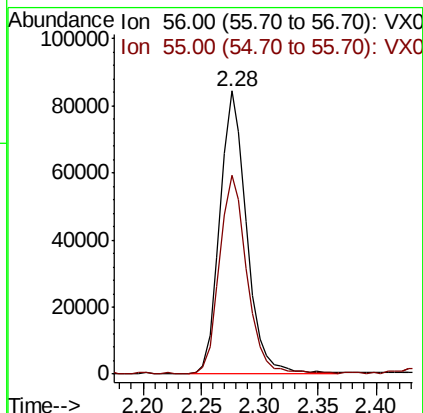
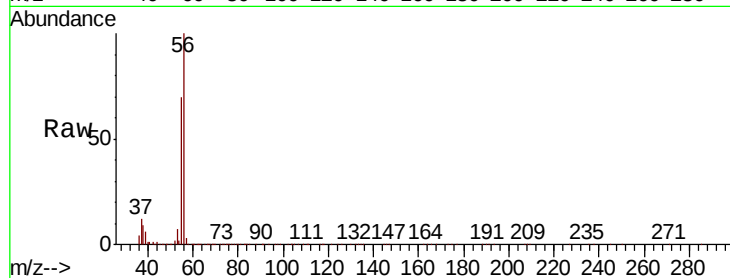
VSTDCCC050

Tot Ion: 56 Resp: 133496

Ion Ratio Lower Upper

56 100

55 71.3 58.2 87.4



#14

Allyl chloride

Concen: 44.725 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

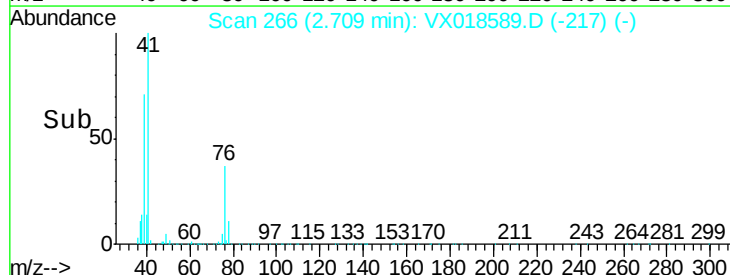
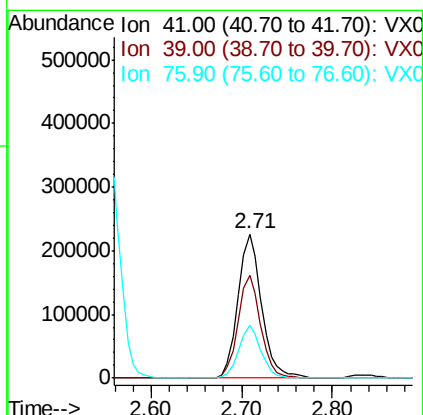
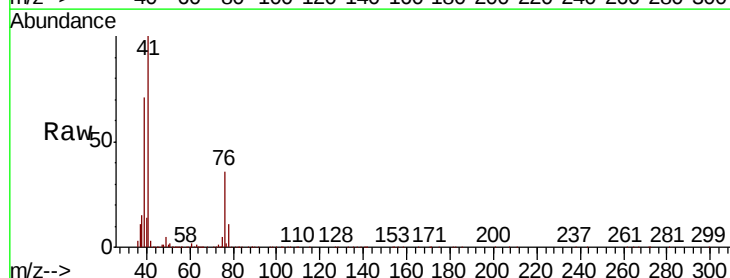
Tgt Ion: 41 Resp: 408336

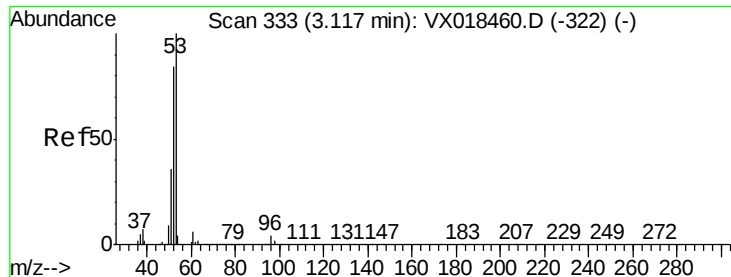
Ion Ratio Lower Upper

41 100

39 68.1 51.1 76.7

76 34.0 26.0 39.0





#15

Acrylonitrile

Concen: 218.466 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

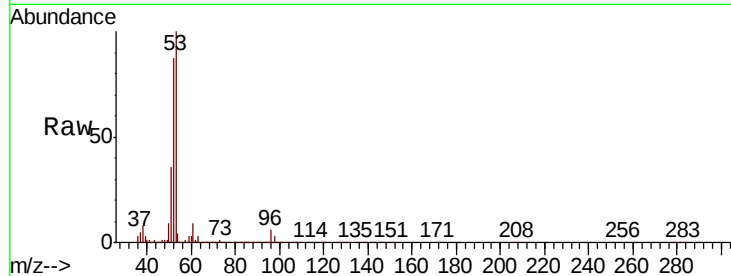
Tot Ion: 53 Resp: 624203

Ion Ratio Lower Upper

53 100

52 83.5 65.8 98.8

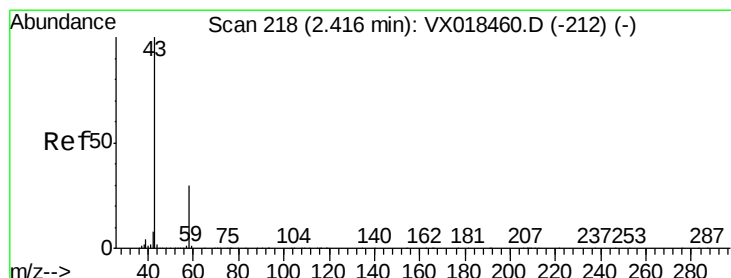
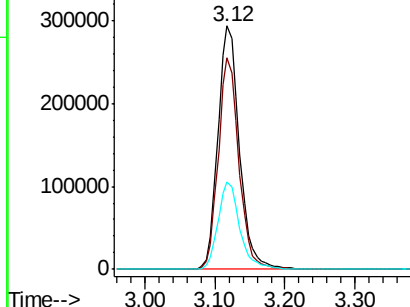
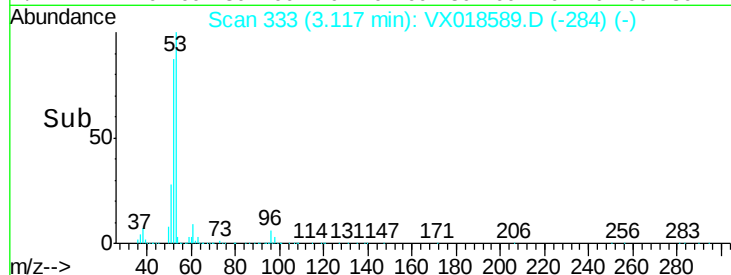
51 35.7 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX018589.D (-284) (-)

Ion 52.00 (51.70 to 52.70): VX018589.D (-284) (-)

Ion 51.00 (50.70 to 51.70): VX018589.D (-284) (-)



#16

Acetone

Concen: 259.091 ug/l

RT: 2.43 min Scan# 221

Delta R.T. 0.02 min

Lab File: VX018589.D

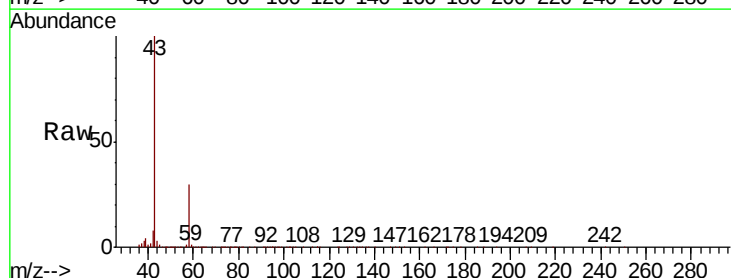
Acq: 25 Sep 2020 10:00

Tgt Ion: 43 Resp: 681930

Ion Ratio Lower Upper

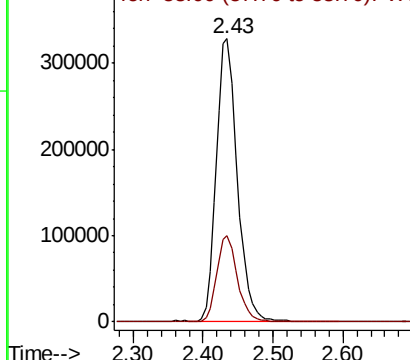
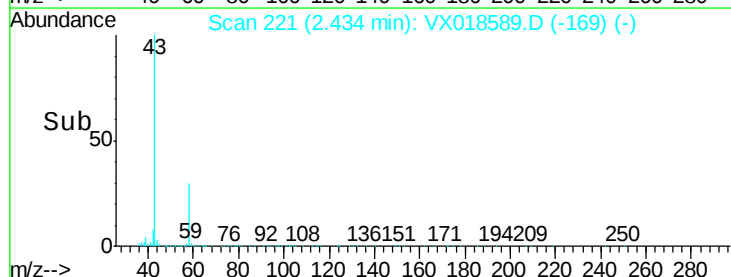
43 100

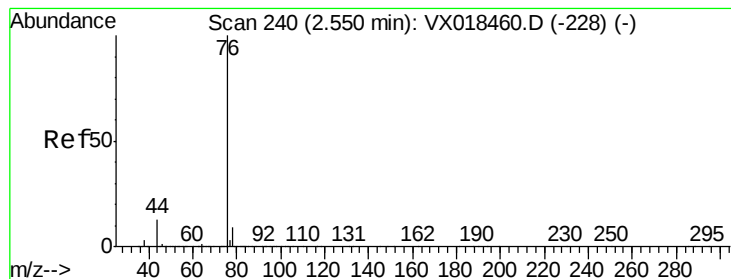
58 30.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX018589.D (-169) (-)

Ion 58.00 (57.70 to 58.70): VX018589.D (-169) (-)





#17

Carbon Disulfide

Concen: 45.626 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

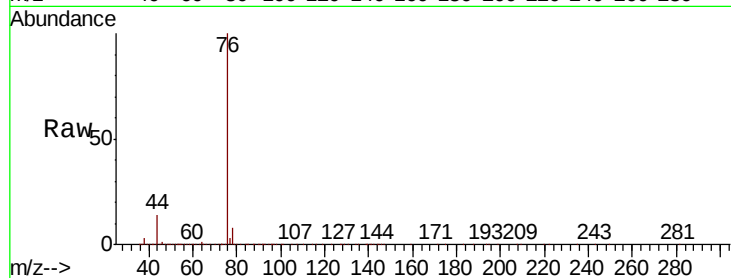
VSTDCCC050

Tot Ion: 76 Resp: 641978

Ion Ratio Lower Upper

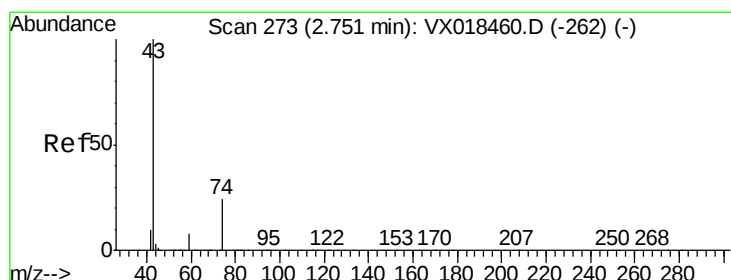
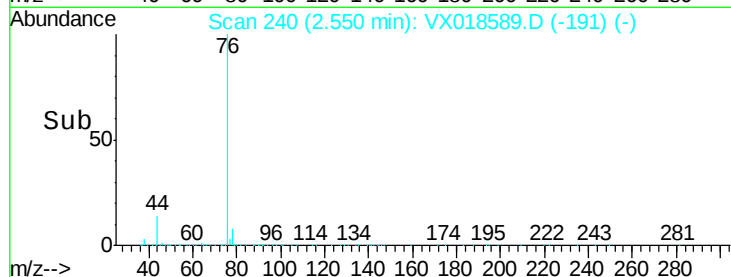
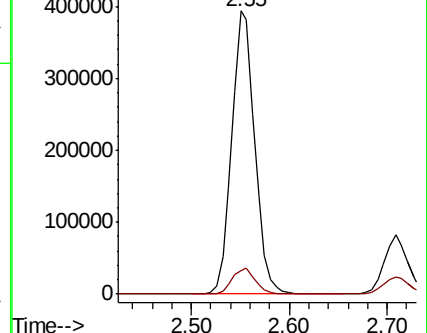
76 100

78 8.3 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.523 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018589.D

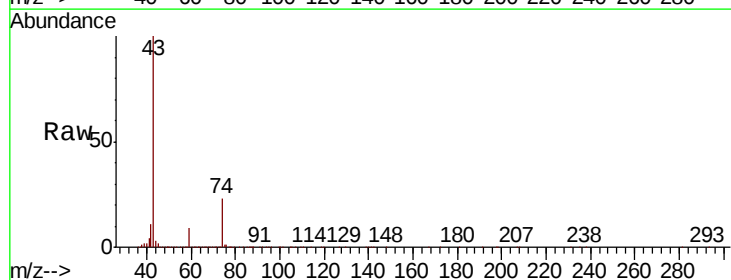
Acq: 25 Sep 2020 10:00

Tgt Ion: 43 Resp: 296864

Ion Ratio Lower Upper

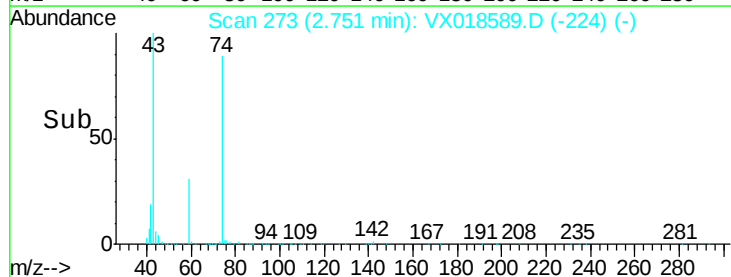
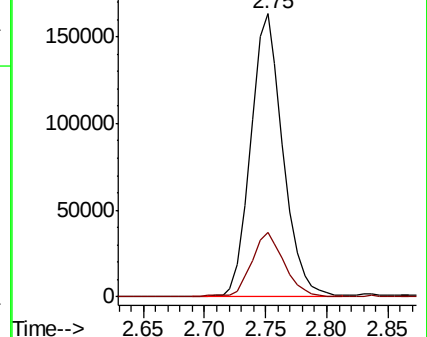
43 100

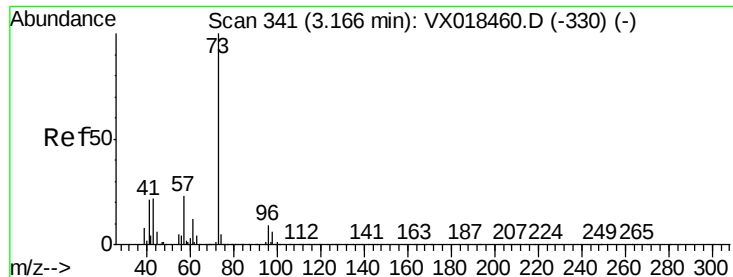
74 23.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

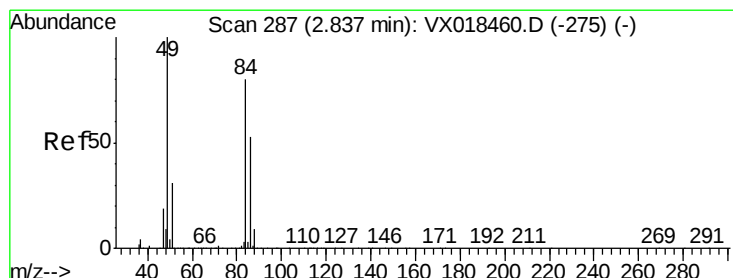
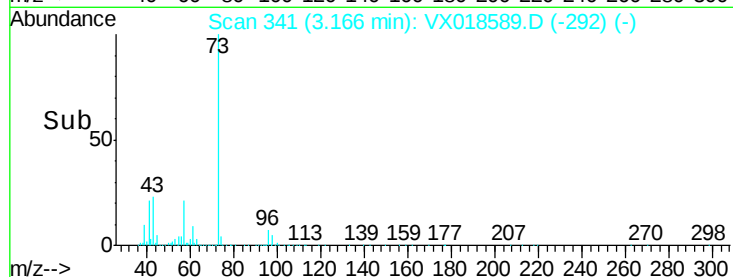
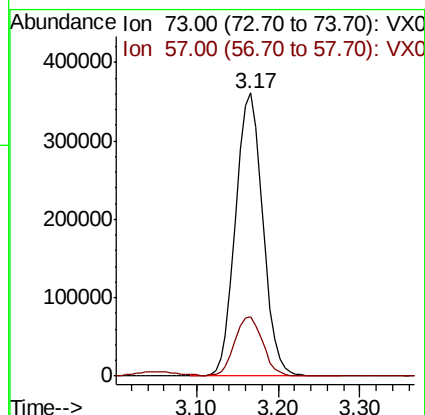
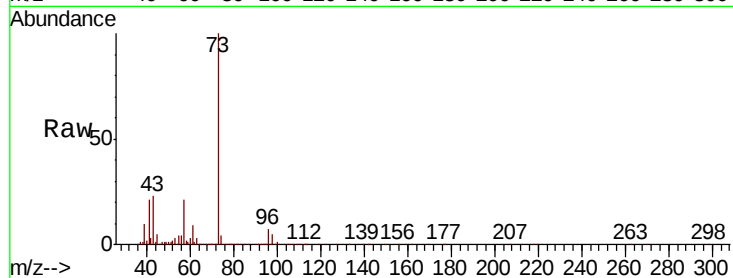




#19
Methyl tert-butyl Ether
Concen: 50.282 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

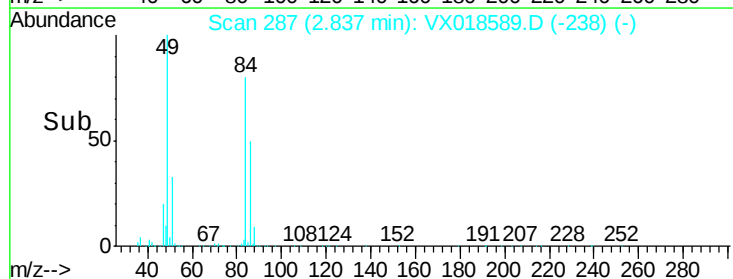
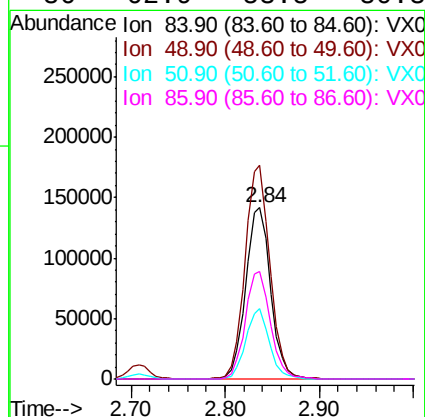
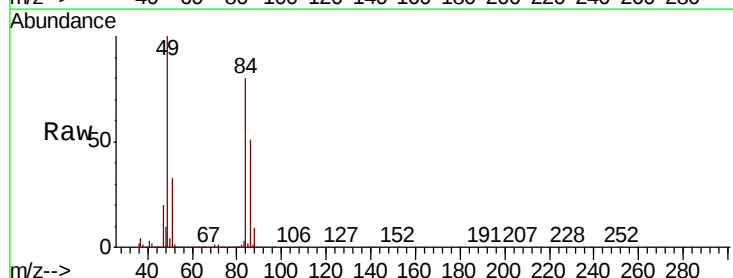
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

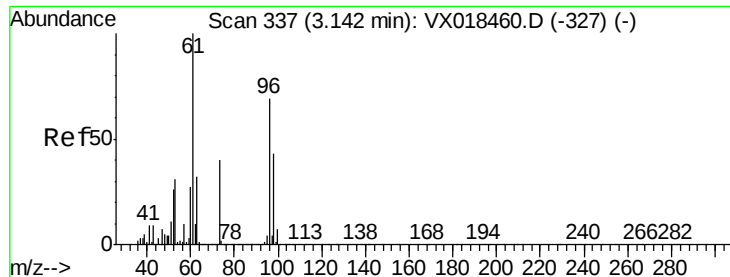
Tot Ion: 73 Resp: 831602
Ion Ratio Lower Upper
73 100
57 21.0 18.0 27.0



#20
Methylene Chloride
Concen: 45.200 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion: 84 Resp: 262485
Ion Ratio Lower Upper
84 100
49 124.4 100.6 151.0
51 41.0 30.9 46.3
86 62.9 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 46.125 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

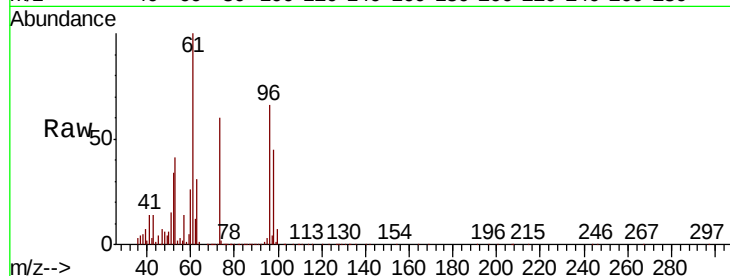
Tot Ion: 96 Resp: 252557

Ion Ratio Lower Upper

96 100

61 150.6 115.6 173.4

98 67.6 50.2 75.4

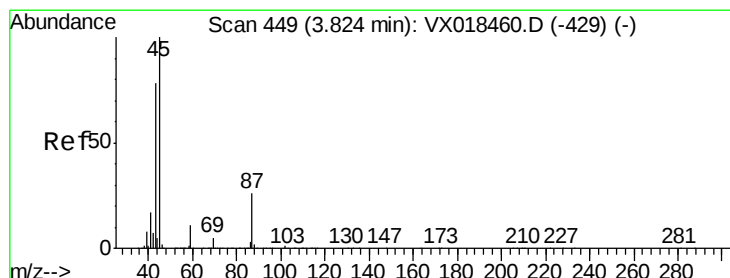
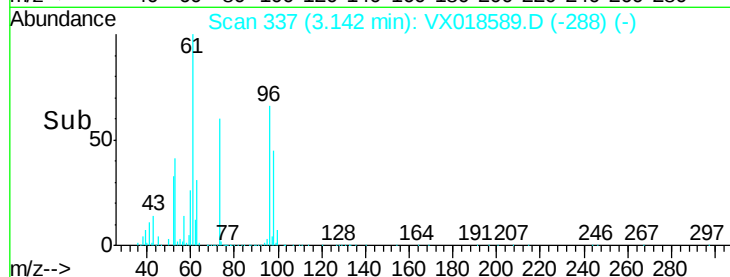
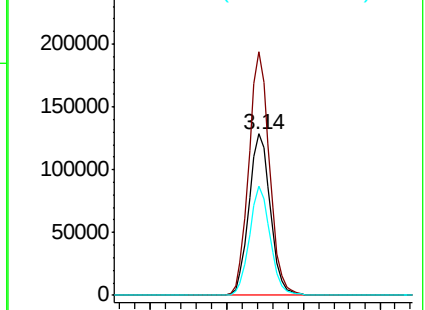


Abundance

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: 48.235 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tgt Ion: 45 Resp: 827766

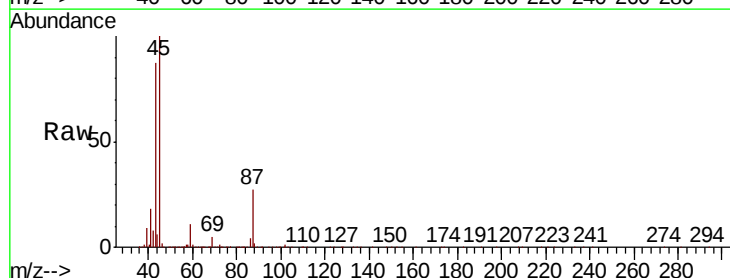
Ion Ratio Lower Upper

45 100

43 87.5 62.4 93.6

87 27.1 21.2 31.8

59 10.5 8.9 13.3



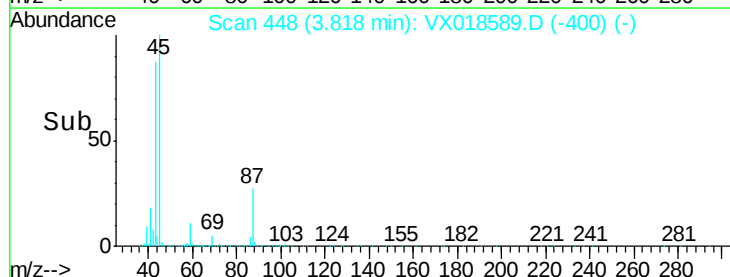
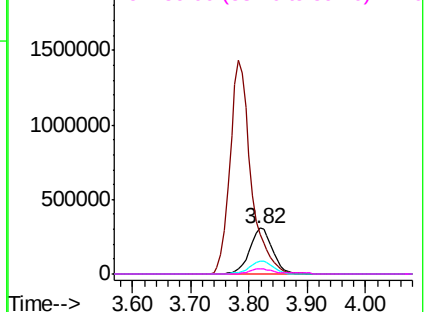
Abundance

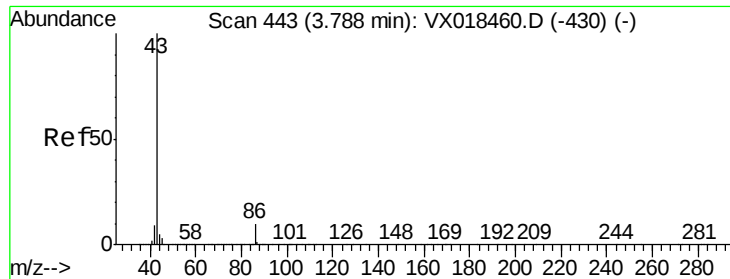
Ion 45.00 (44.70 to 45.70): VX0

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: 236.543 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

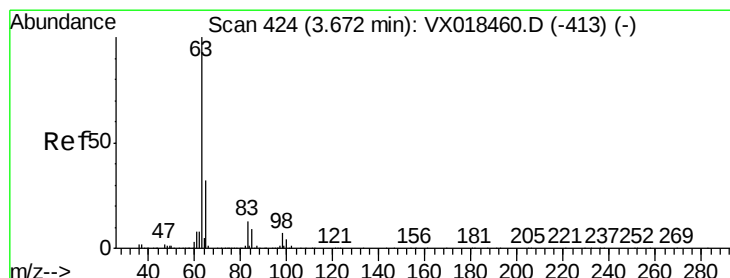
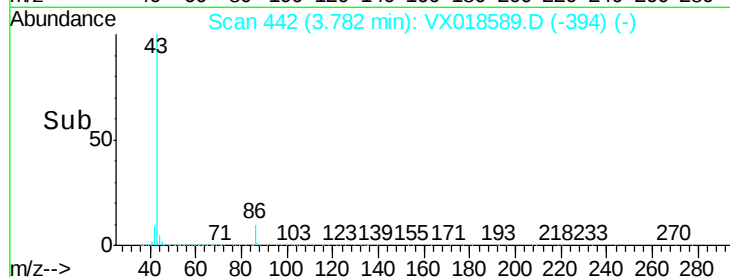
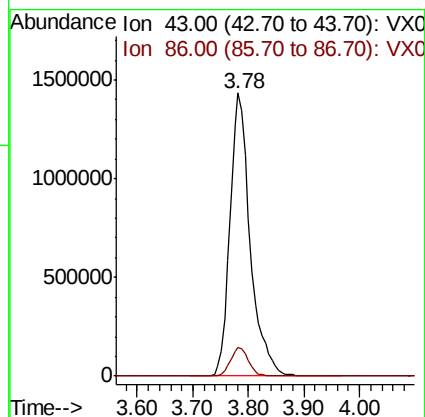
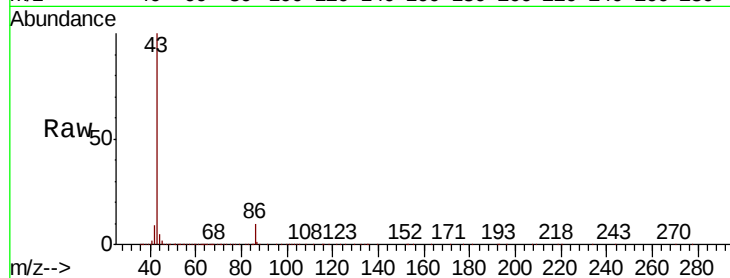
VSTDCCC050

Tot Ion: 43 Resp: 3597089

Ion Ratio Lower Upper

43 100

86 10.1 8.1 12.1



#24

1,1-Dichloroethane

Concen: 47.145 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

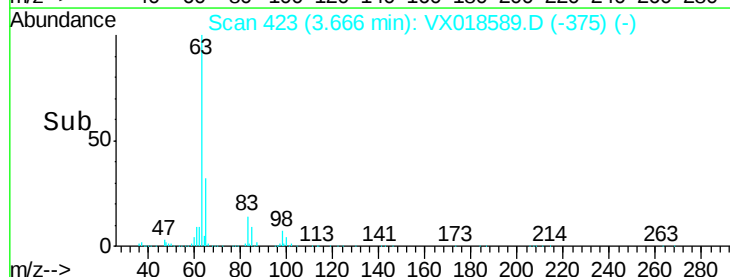
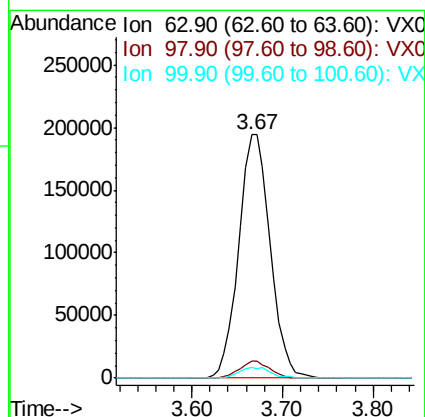
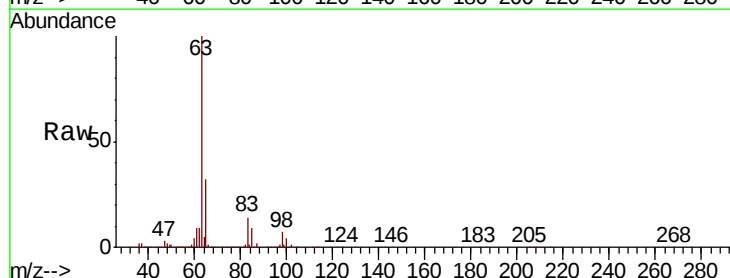
Tgt Ion: 63 Resp: 466596

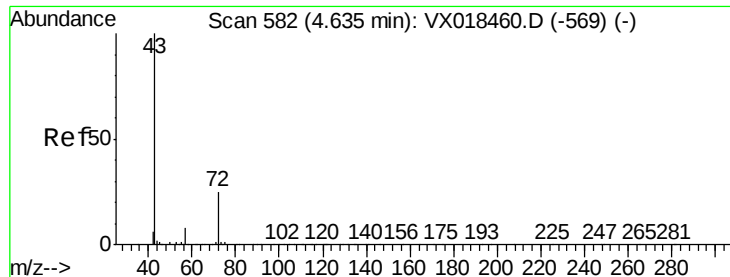
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

100 4.3 1.9 5.7





#25

2-Butanone

Concen: 223.534 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

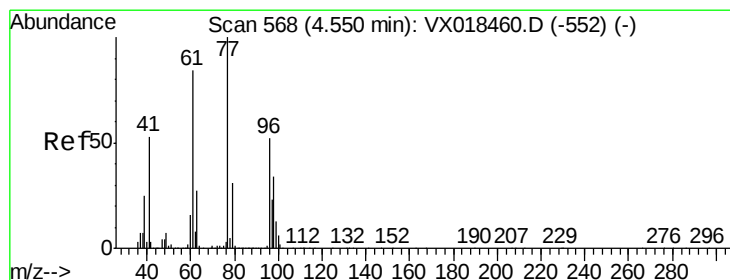
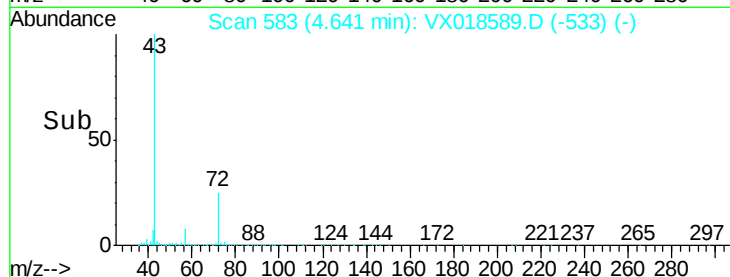
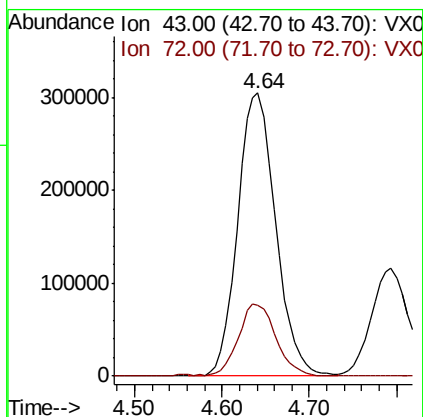
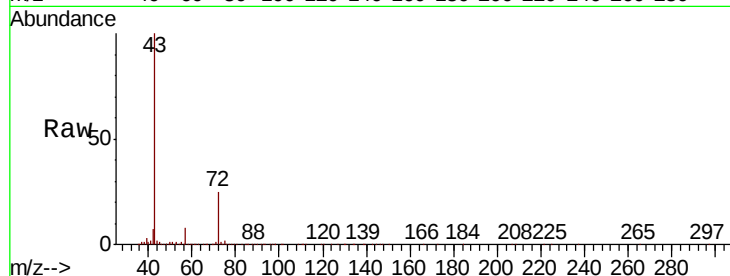
VSTDCCC050

Tot Ion: 43 Resp: 916209

Ion Ratio Lower Upper

43 100

72 24.8 20.2 30.4



#26

2,2-Dichloropropane

Concen: 48.586 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018589.D

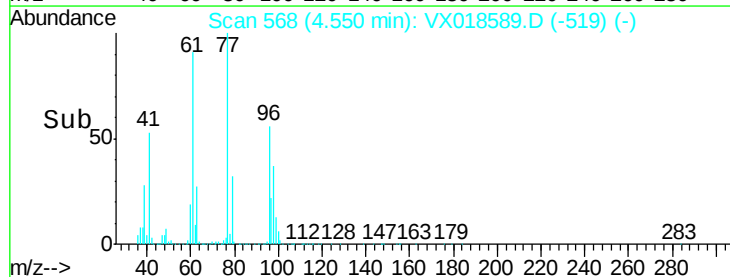
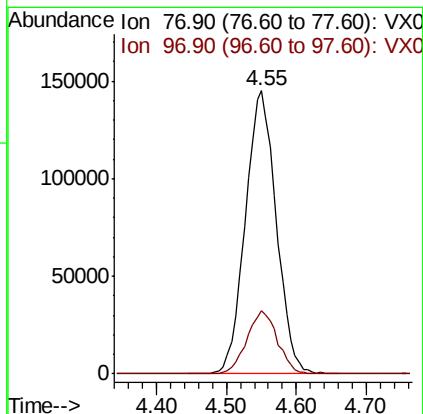
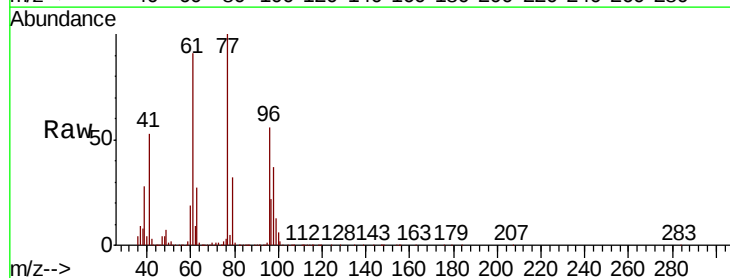
Acq: 25 Sep 2020 10:00

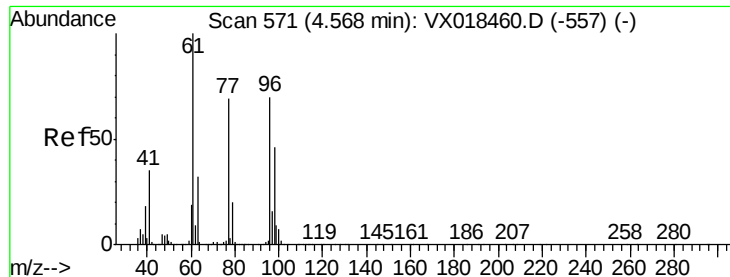
Tgt Ion: 77 Resp: 444290

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5



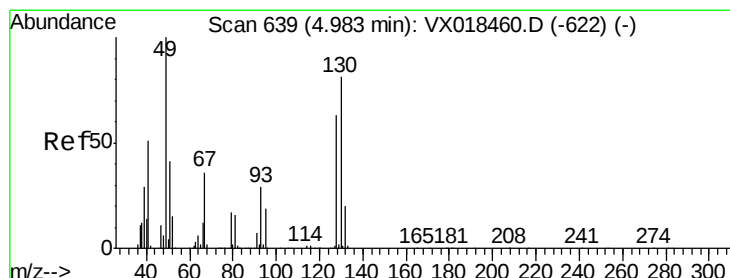
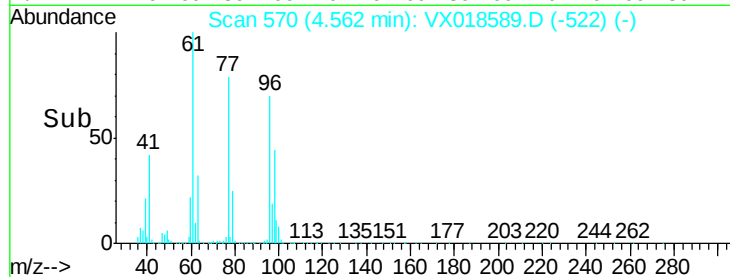
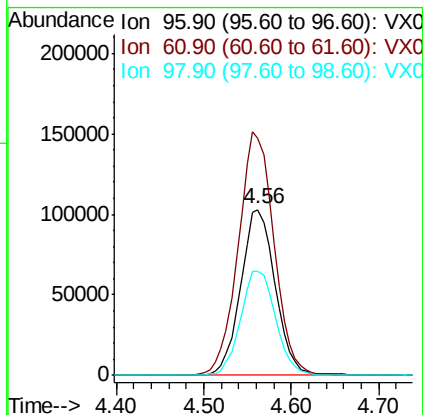
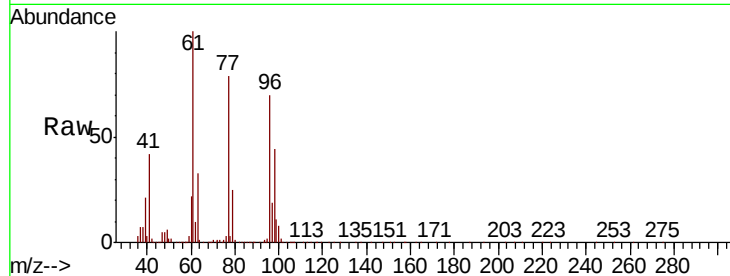


#27

cis-1,2-Dichloroethene
Concen: 45.951 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

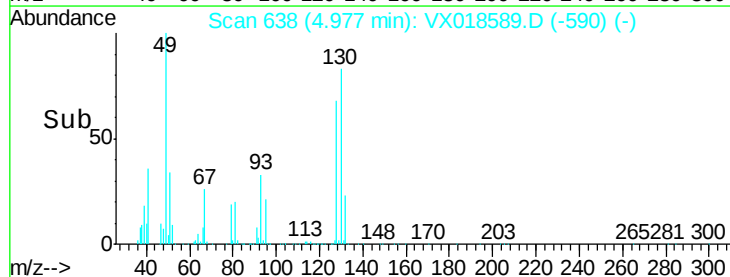
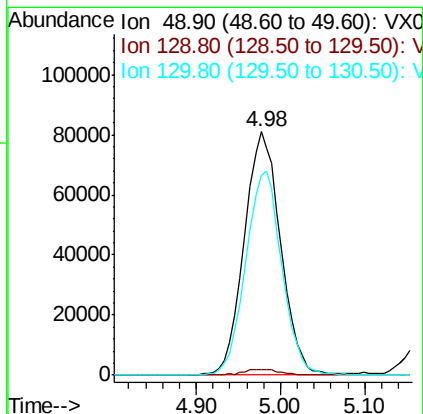
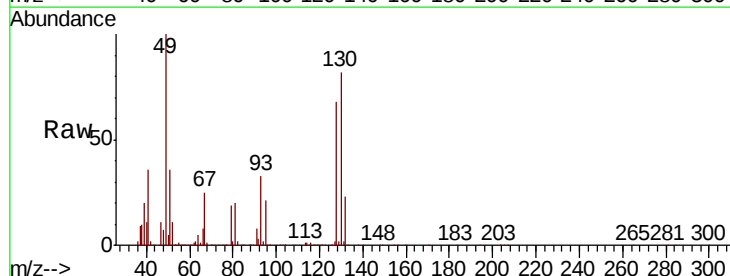
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	300.0
98	64.2	0.0	130.4

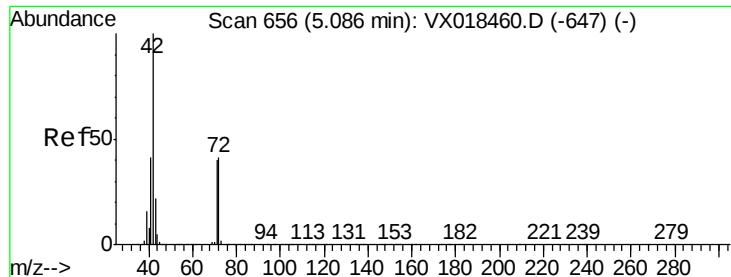


#28

Bromochloromethane
Concen: 50.914 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	83.9	65.0	97.4





#29

Tetrahydrofuran

Concen: 209.474 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

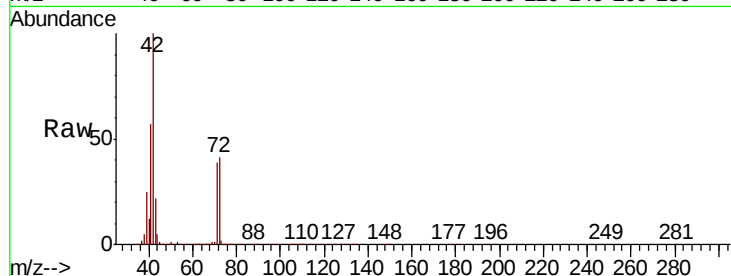
Tot Ion: 42 Resp: 541148

Ion Ratio Lower Upper

42 100

72 44.1 34.3 51.5

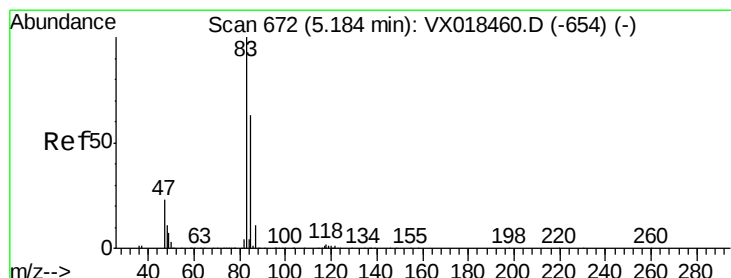
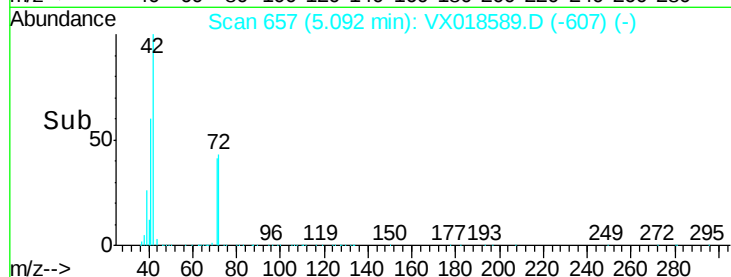
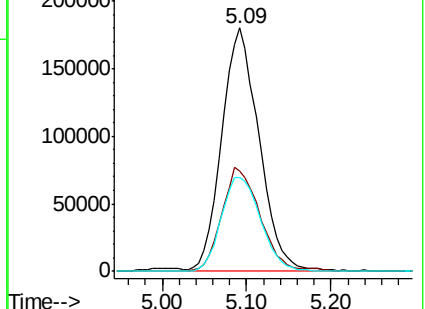
71 41.4 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.061 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018589.D

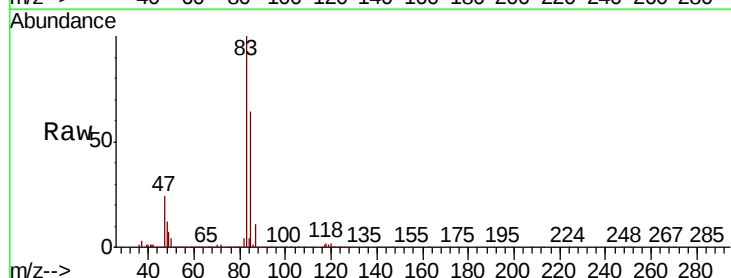
Acq: 25 Sep 2020 10:00

Tgt Ion: 83 Resp: 502708

Ion Ratio Lower Upper

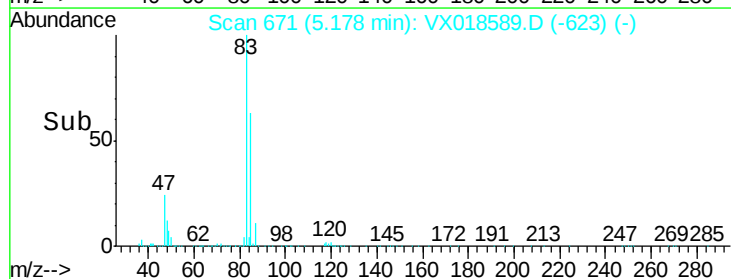
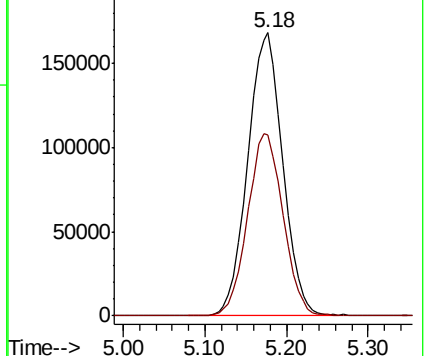
83 100

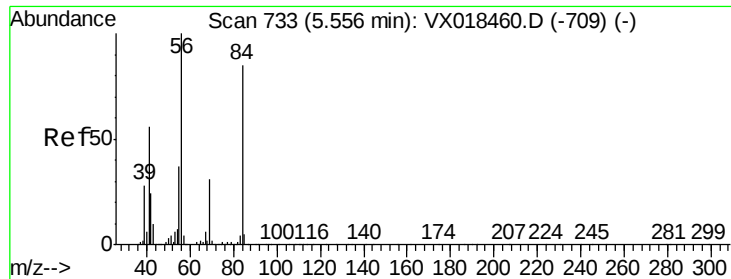
85 63.7 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

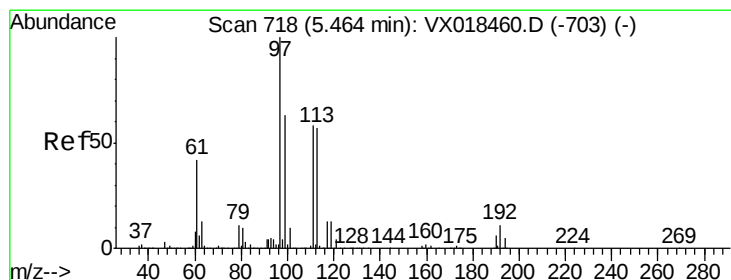
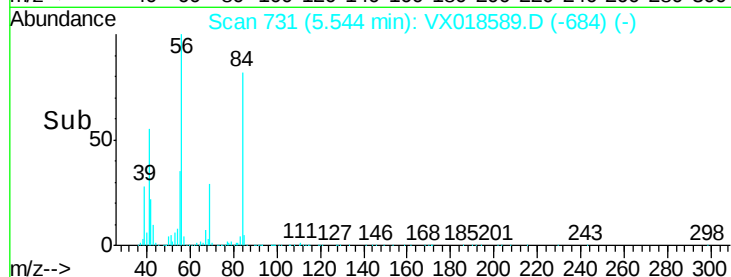
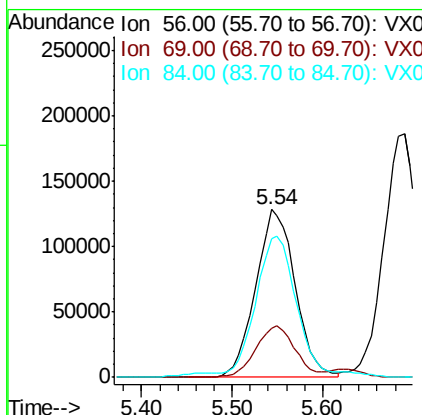
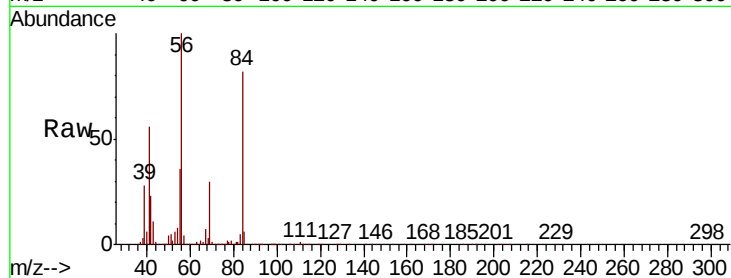




#31
Cyclohexane
Concen: 46.579 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

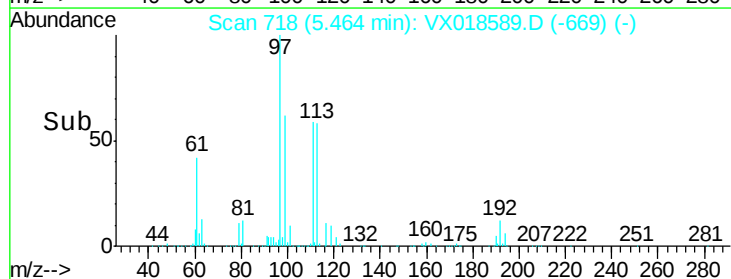
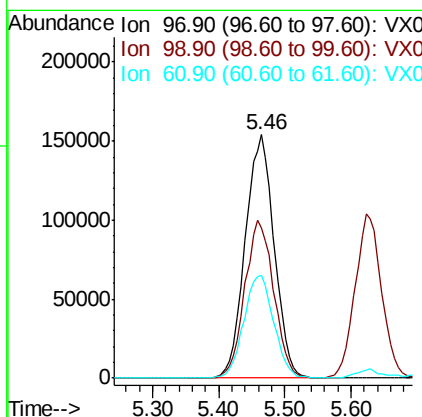
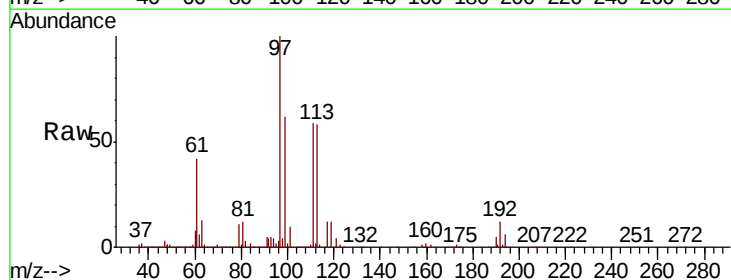
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

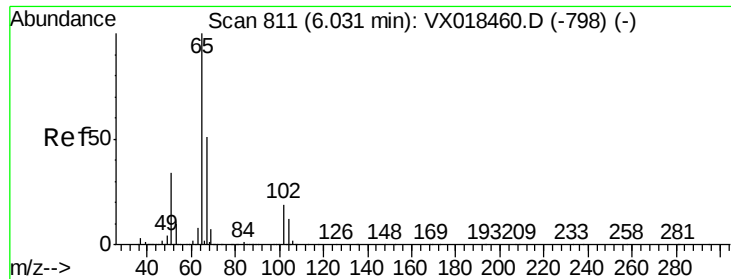
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.8	37.2
84	80.3	67.6	101.4



#32
1,1,1-Trichloroethane
Concen: 49.874 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.5	75.7
61	43.6	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 47.925 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

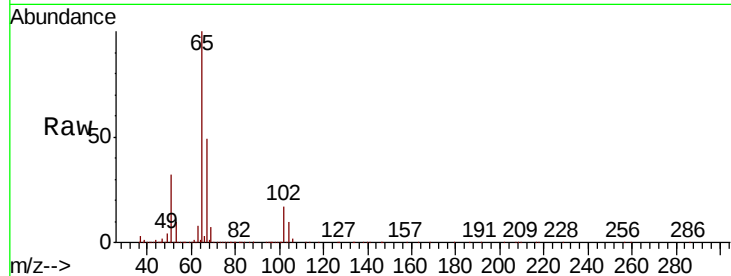
VSTDCCC050

Tot Ion: 65 Resp: 329831

Ion Ratio Lower Upper

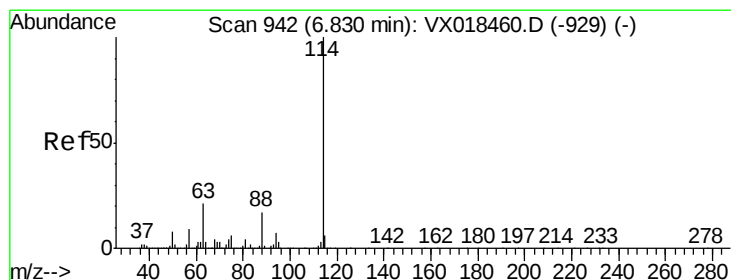
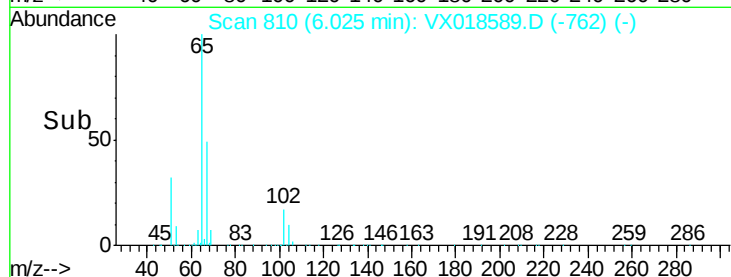
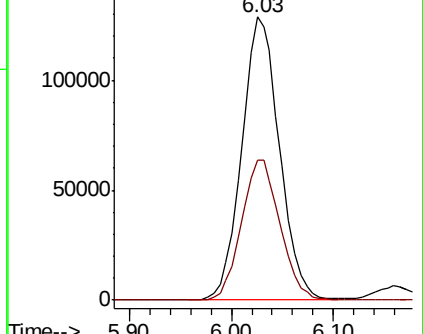
65 100

67 50.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

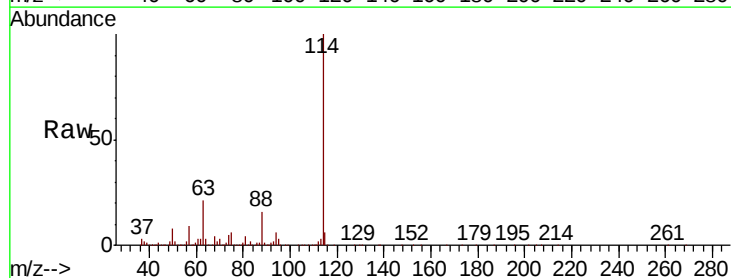
Tgt Ion: 114 Resp: 718870

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

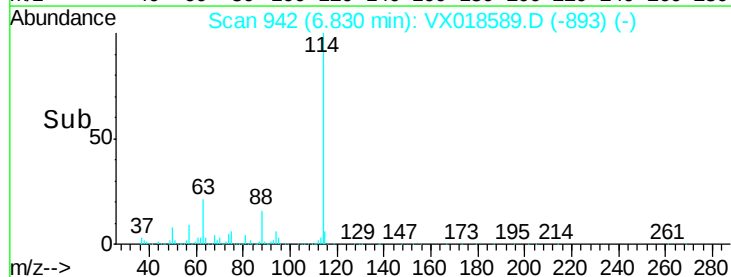
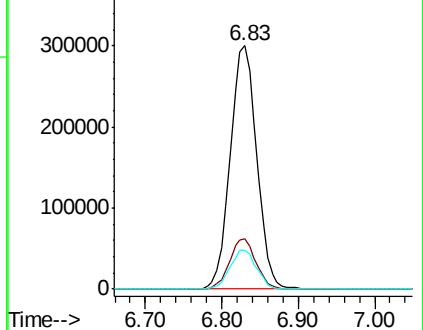
88 16.0 0.0 33.6

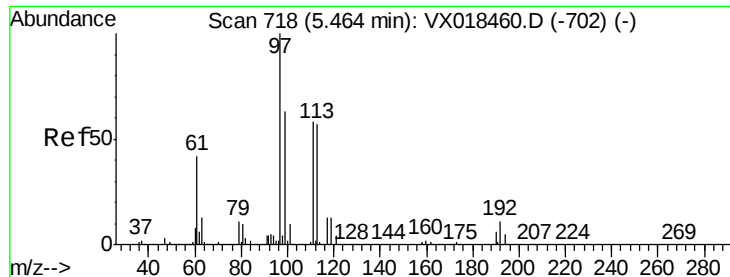


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.810 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

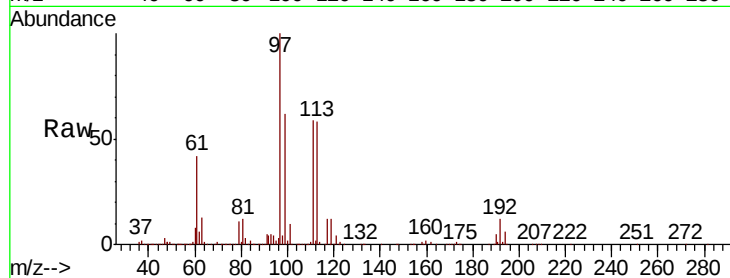
Tot Ion:113 Resp: 257480

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.2

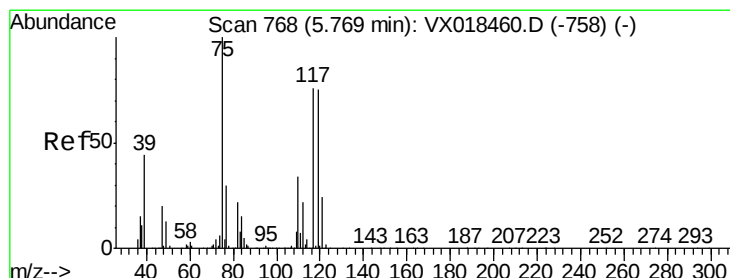
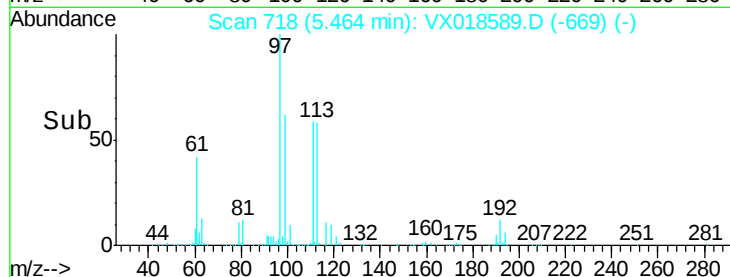
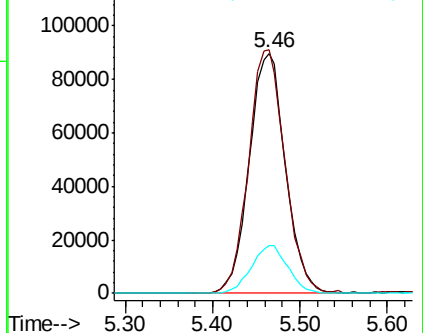
192 20.3 16.6 24.8



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: 51.972 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

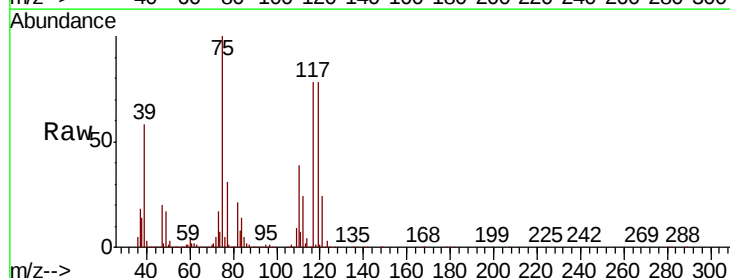
Tgt Ion: 75 Resp: 362627

Ion Ratio Lower Upper

75 100

110 35.5 17.6 52.8

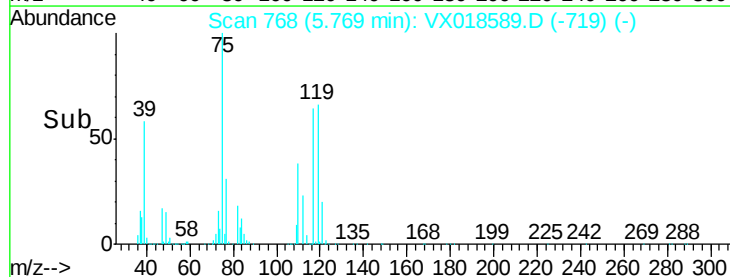
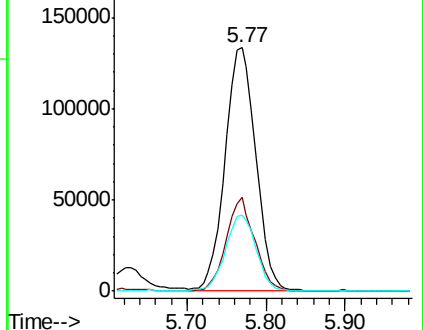
77 30.8 25.0 37.6

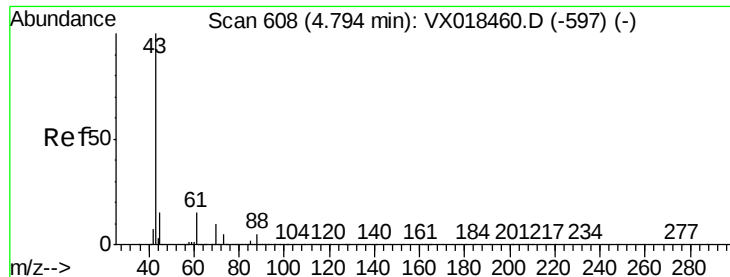


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

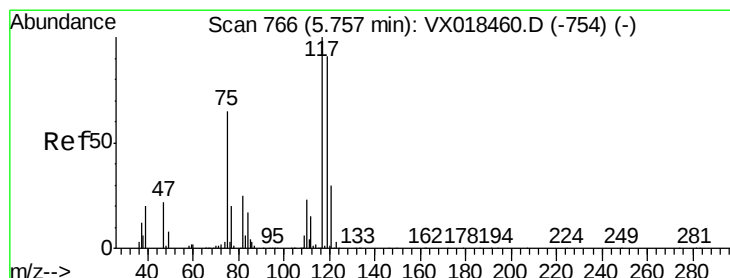
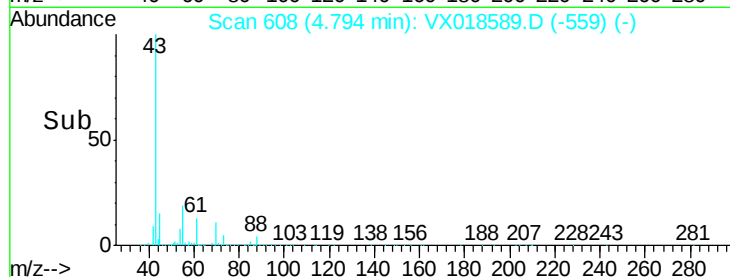
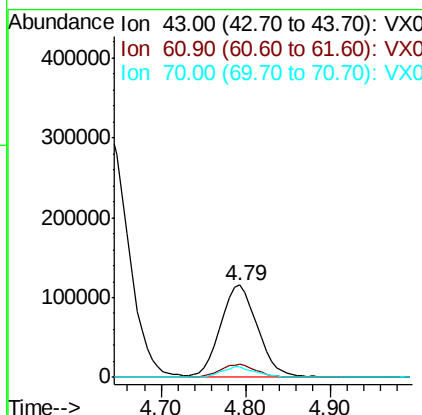
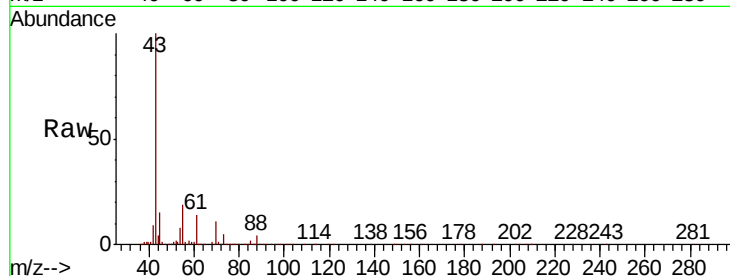




#37
Ethyl Acetate
Concen: 46.037 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

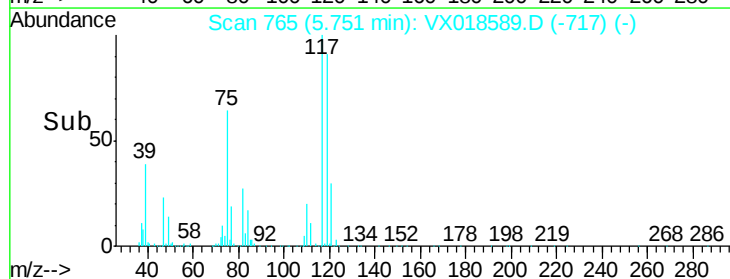
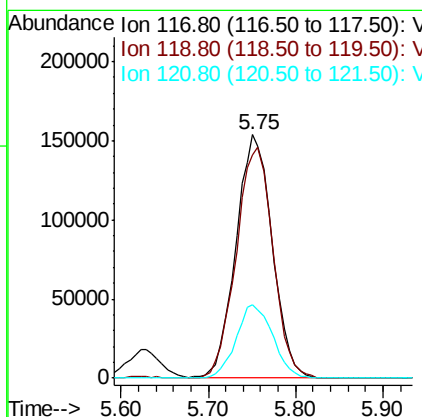
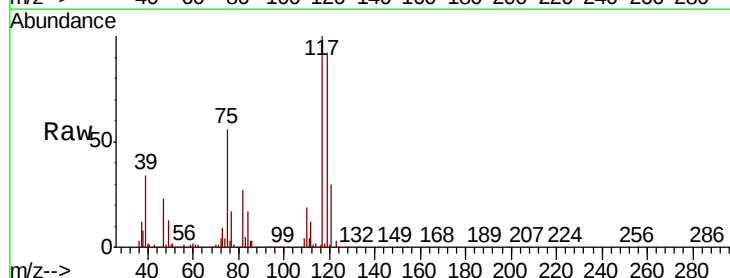
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

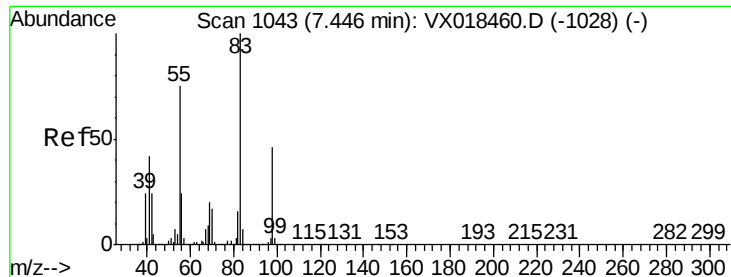
Tot Ion	43	Resp	343014
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.9	16.3
70	11.0	8.3	12.5



#38
Carbon Tetrachloride
Concen: 57.358 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	117	Resp	443233
Ion Ratio	Lower	Upper	
117	100		
119	91.7	72.3	108.5
121	30.0	23.8	35.8

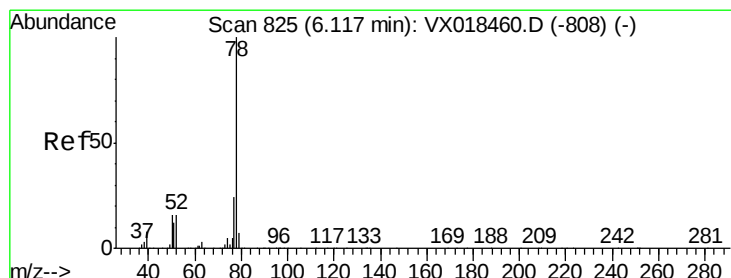
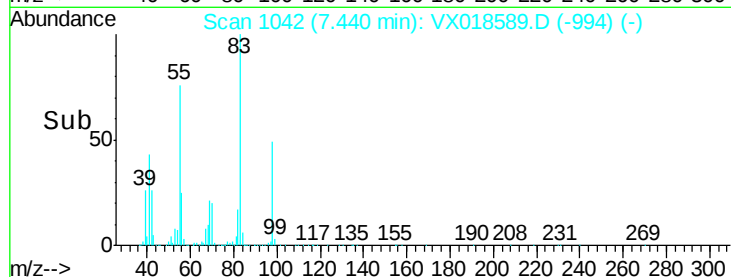
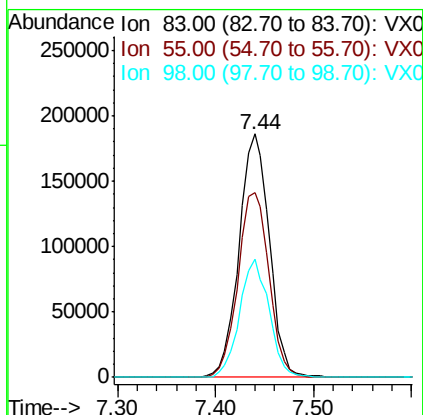
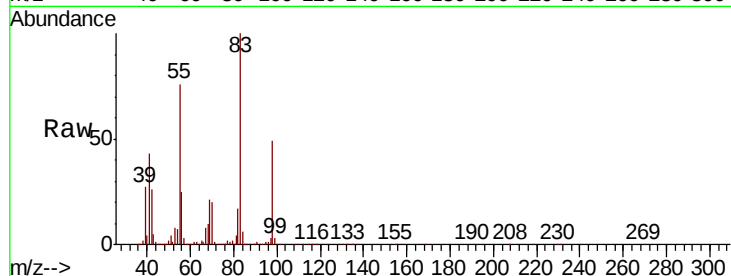




#39
Methvlcvclohexane
Concen: 51.075 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

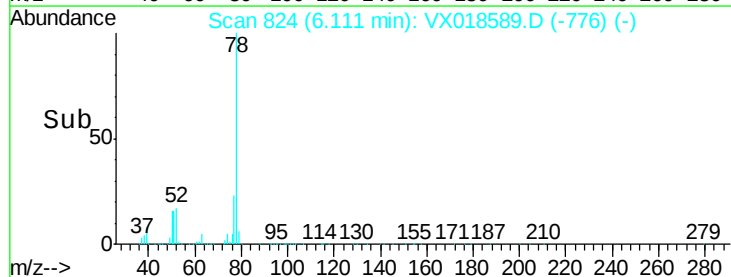
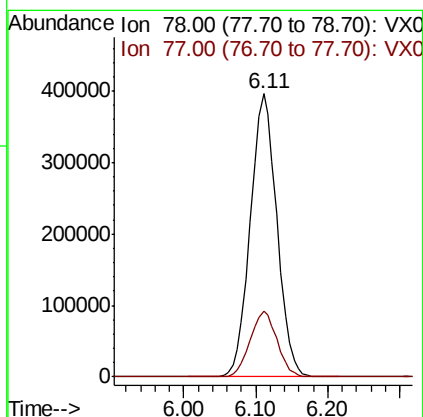
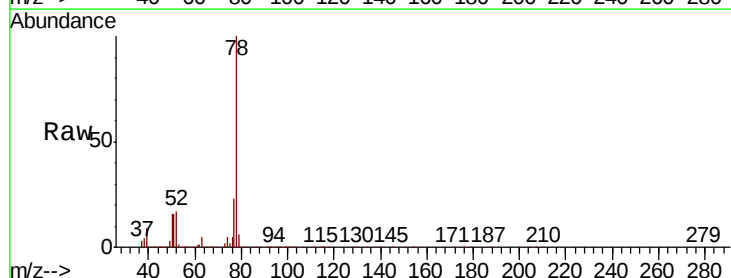
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

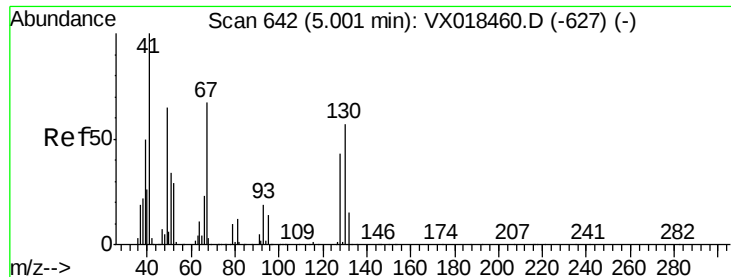
Tot Ion: 83 Resp: 400374
Ion Ratio Lower Upper
83 100
55 76.0 60.2 90.4
98 48.8 36.4 54.6



#40
Benzene
Concen: 50.853 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion: 78 Resp: 1016863
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4





#41

Methacrylonitrile

Concen: 47.173 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 195302

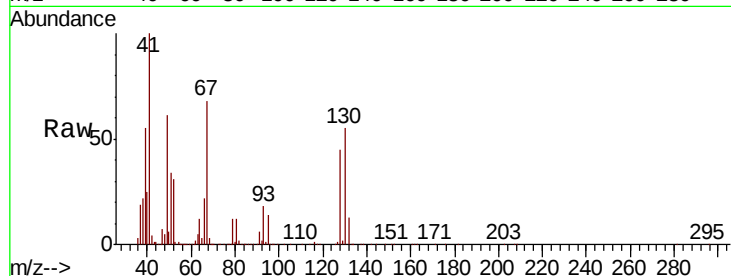
Ion Ratio Lower Upper

41 100

39 55.4 45.3 67.9

67 70.8 56.7 85.1

52 30.8 23.4 35.0

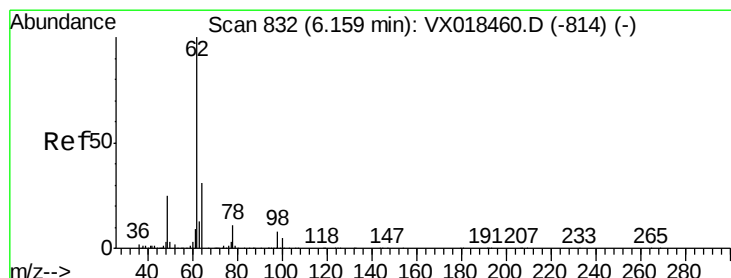
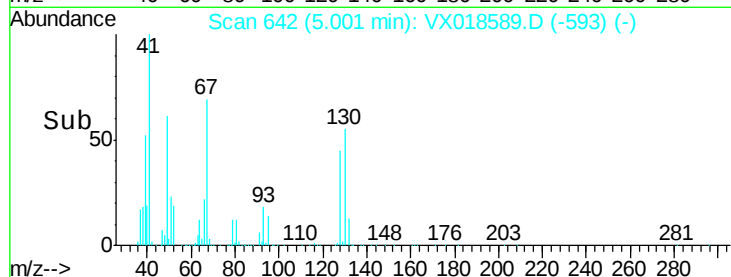
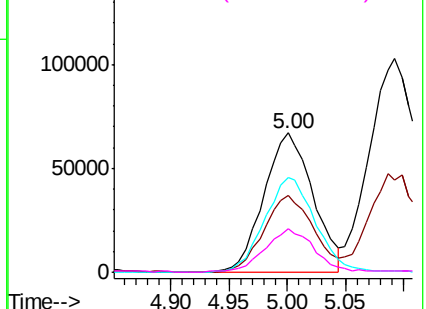


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.350 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX018589.D

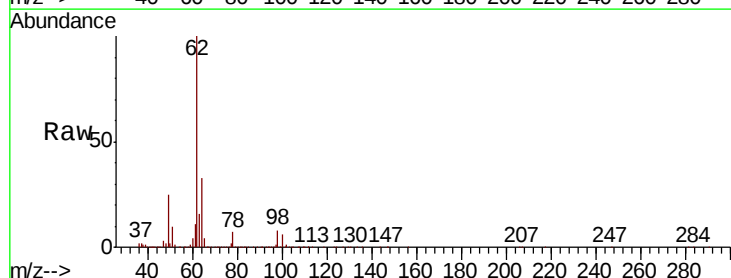
Acq: 25 Sep 2020 10:00

Tgt Ion: 62 Resp: 422799

Ion Ratio Lower Upper

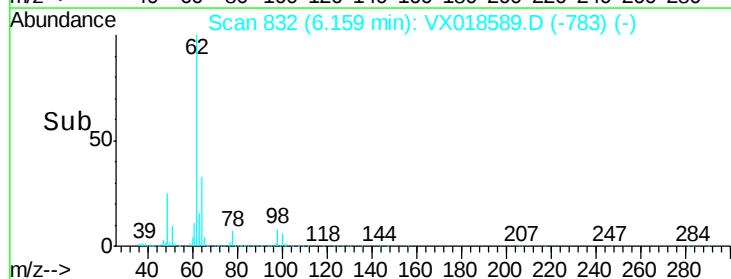
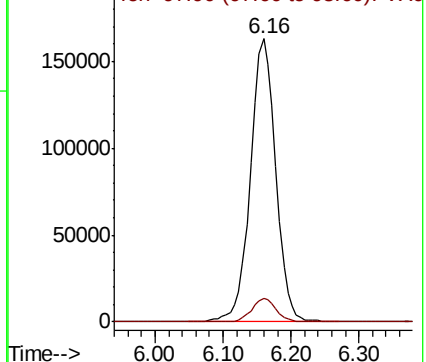
62 100

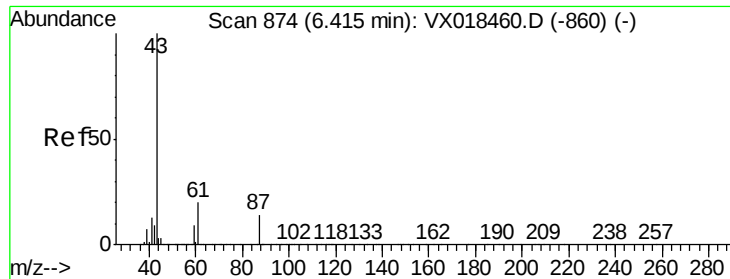
98 8.1 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.448 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

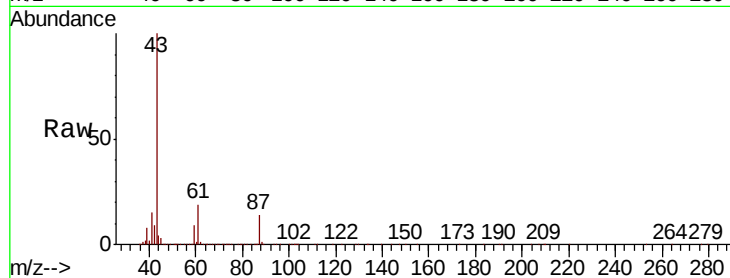
Tot Ion: 43 Resp: 586652

Ion Ratio Lower Upper

43 100

61 19.6 15.7 23.5

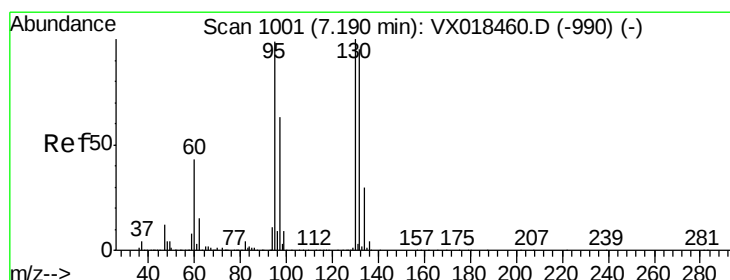
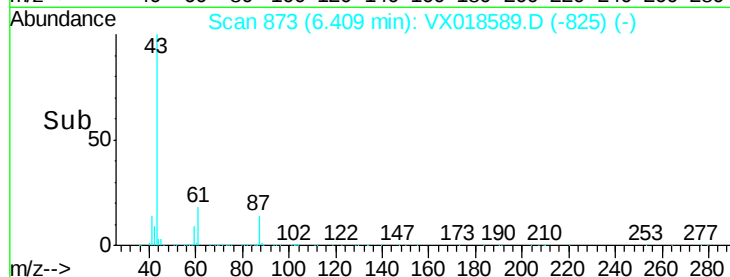
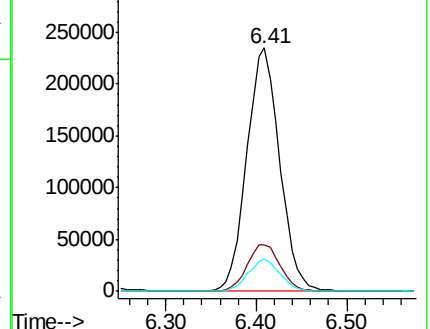
87 12.8 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.721 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018589.D

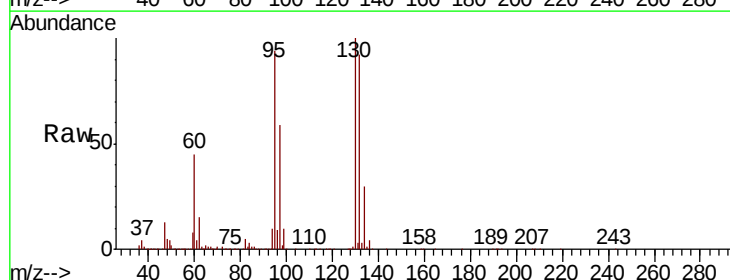
Acq: 25 Sep 2020 10:00

Tgt Ion: 130 Resp: 299394

Ion Ratio Lower Upper

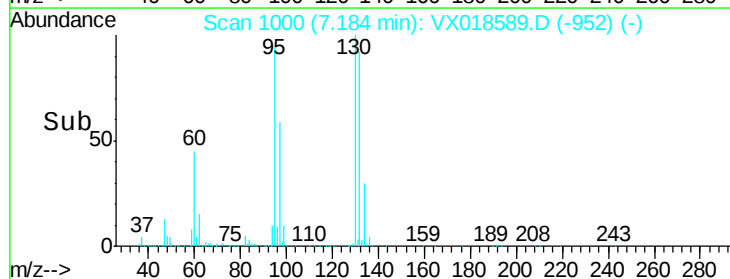
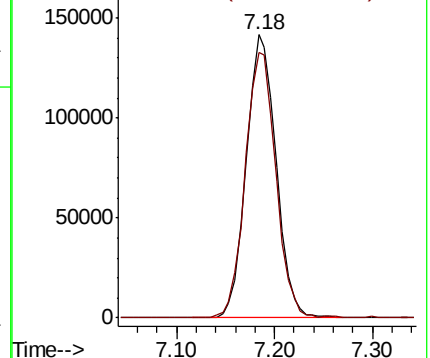
130 100

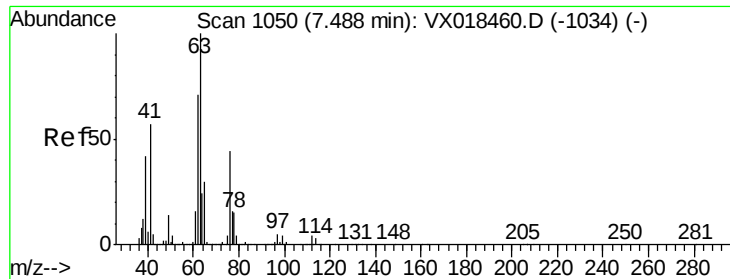
95 93.7 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.580 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

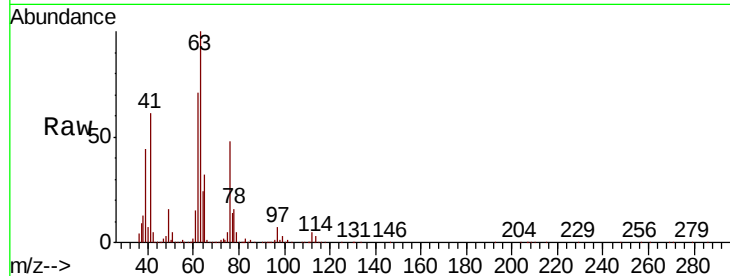
VSTDCCC050

Tot Ion: 63 Resp: 272115

Ion Ratio Lower Upper

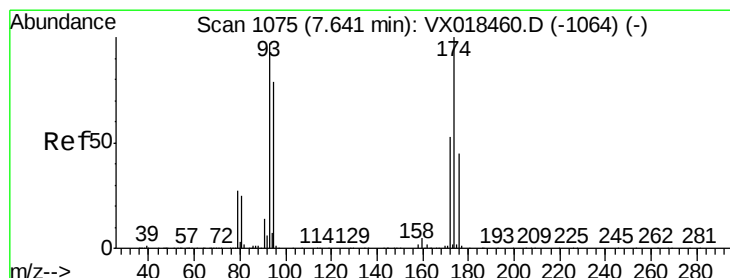
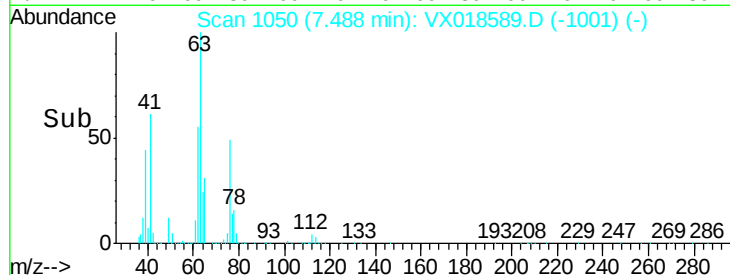
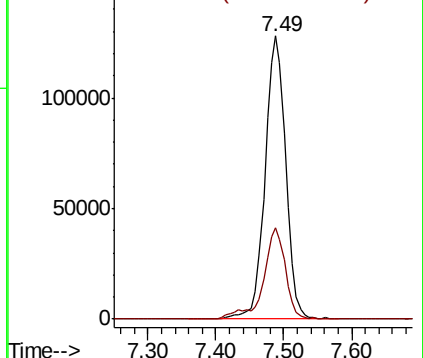
63 100

65 32.4 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.870 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

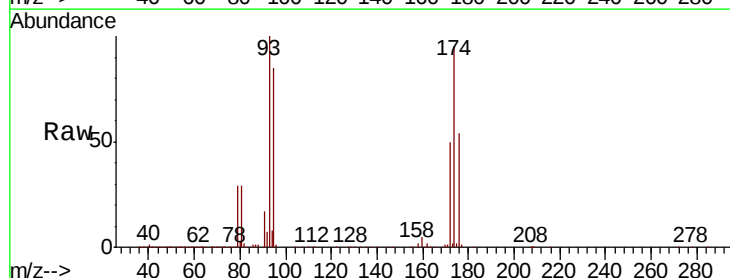
Tgt Ion: 93 Resp: 195586

Ion Ratio Lower Upper

93 100

95 82.6 65.0 97.4

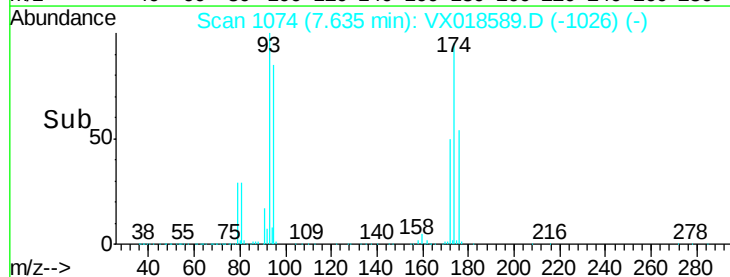
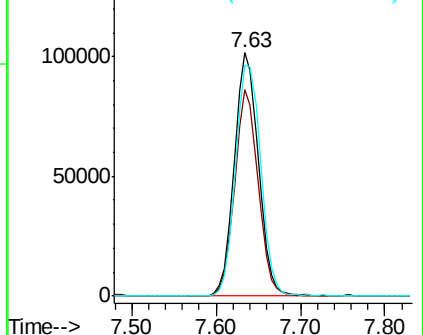
174 99.6 82.0 123.0

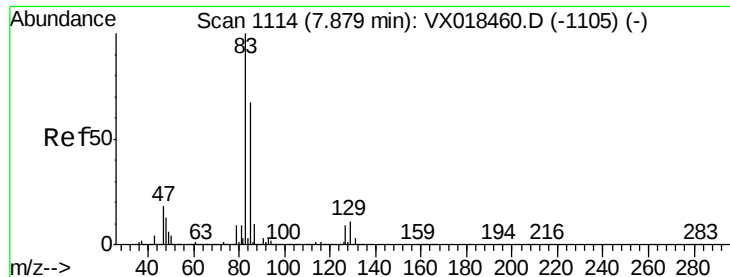


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.331 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

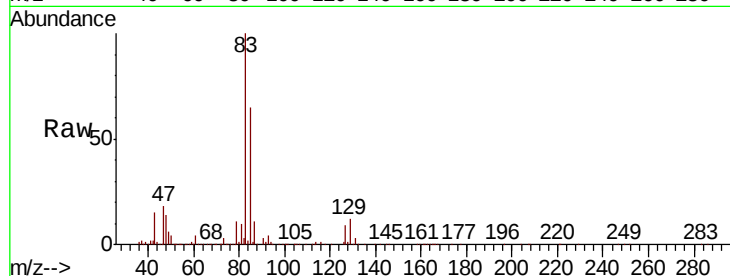
Tot Ion: 83 Resp: 412882

Ion Ratio Lower Upper

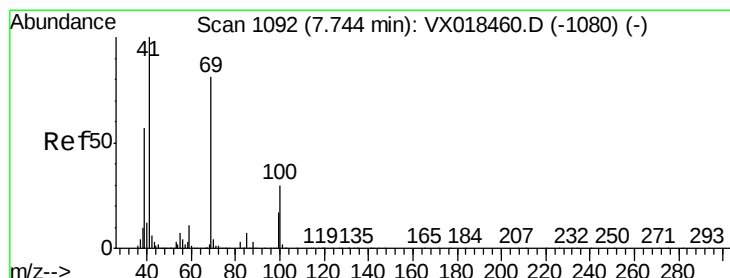
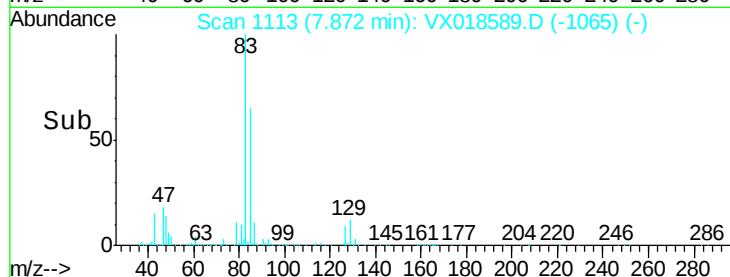
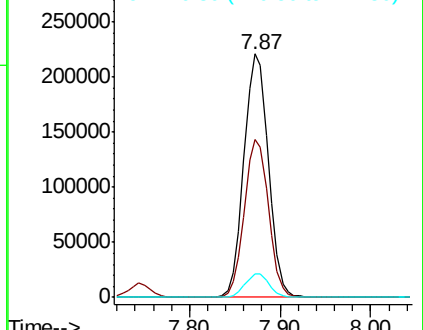
83 100

85 64.9 53.3 79.9

127 9.5 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: 48.139 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

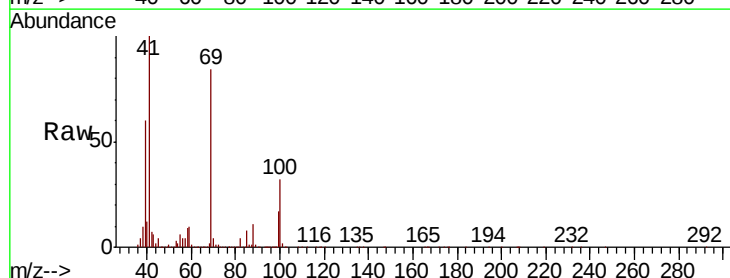
Tgt Ion: 41 Resp: 289706

Ion Ratio Lower Upper

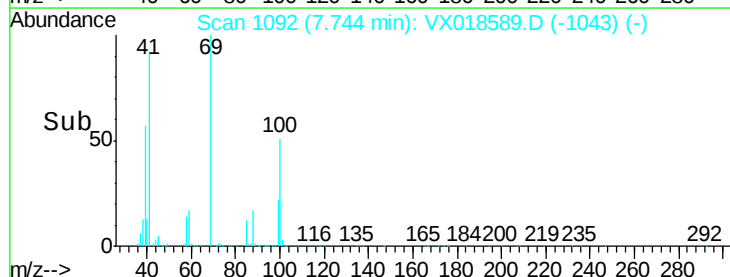
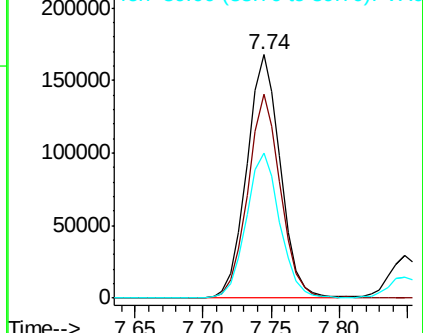
41 100

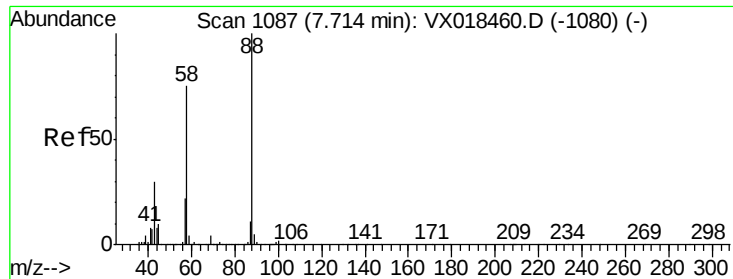
69 81.9 63.7 95.5

39 59.2 45.0 67.4



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





#49

1,4-Dioxane

Concen: 746.445 ug/l

RT: 7.76 min Scan# 1094

Delta R.T. 0.04 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

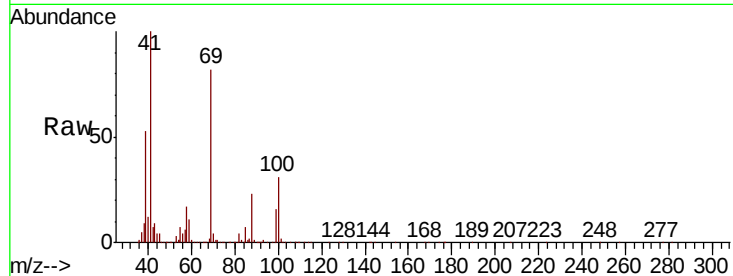
Tot Ion: 88 Resp: 74226

Ion Ratio Lower Upper

88 100

43 36.4 29.9 44.9

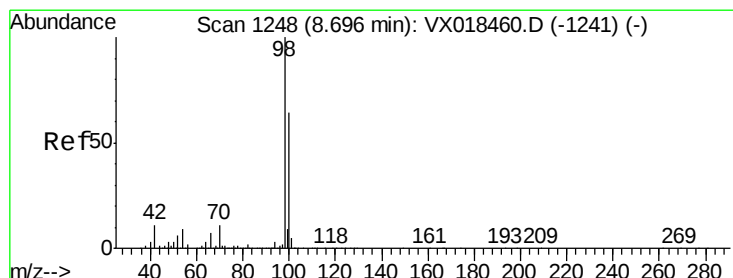
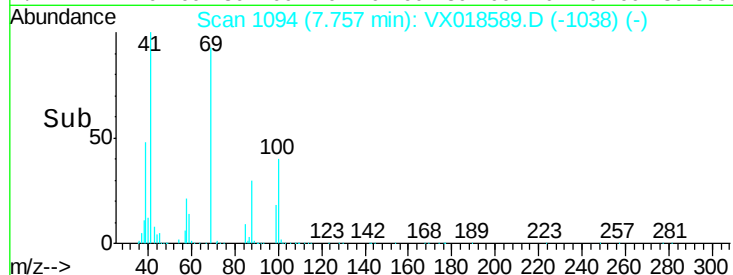
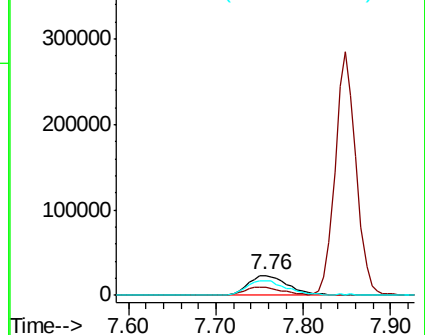
58 72.4 59.0 88.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.450 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018589.D

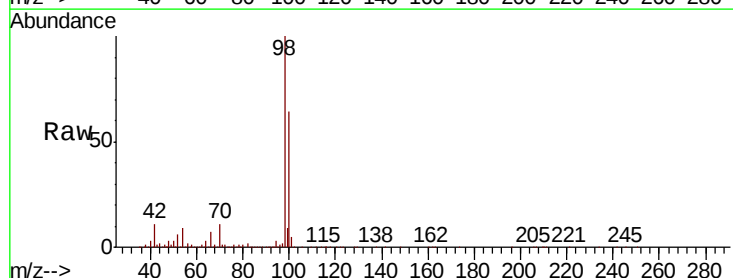
Acq: 25 Sep 2020 10:00

Tgt Ion: 98 Resp: 929007

Ion Ratio Lower Upper

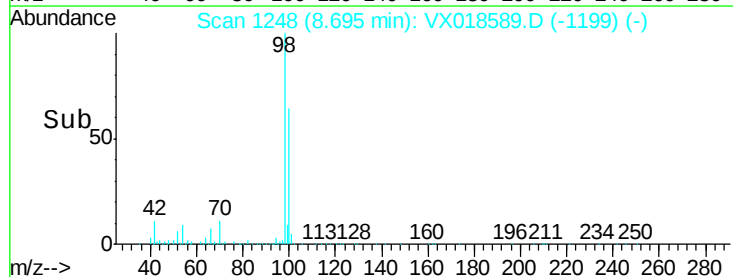
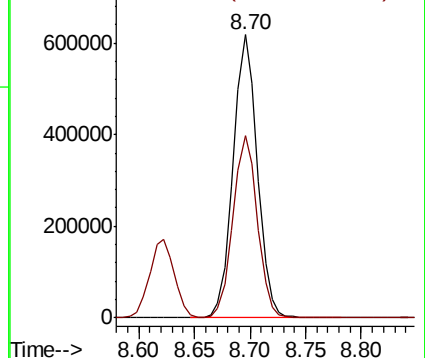
98 100

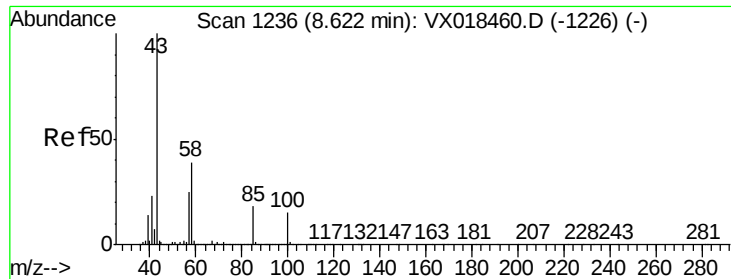
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 242.422 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

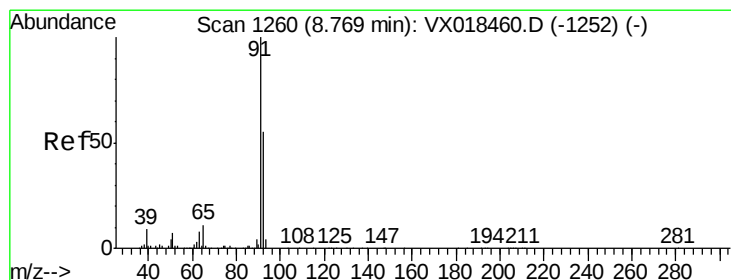
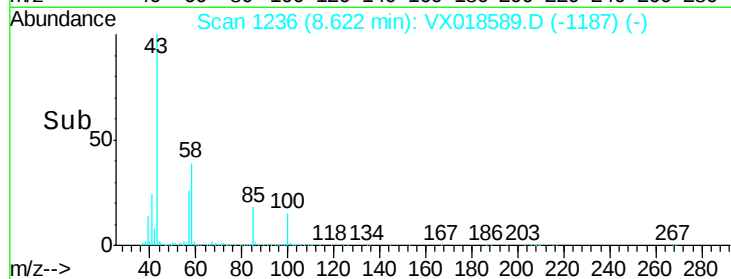
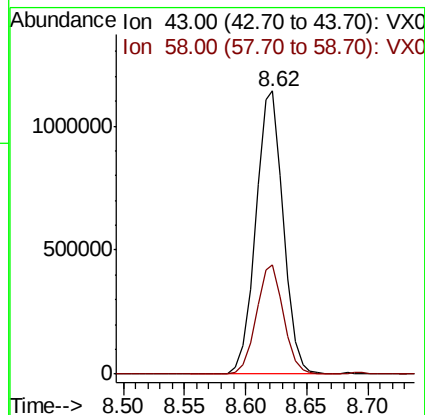
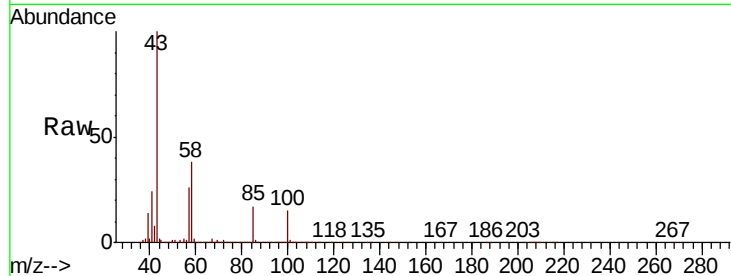
VSTDCCC050

Tot Ion: 43 Resp: 1784664

Ion Ratio Lower Upper

43 100

58 38.1 30.9 46.3



#52

Toluene

Concen: 52.204 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018589.D

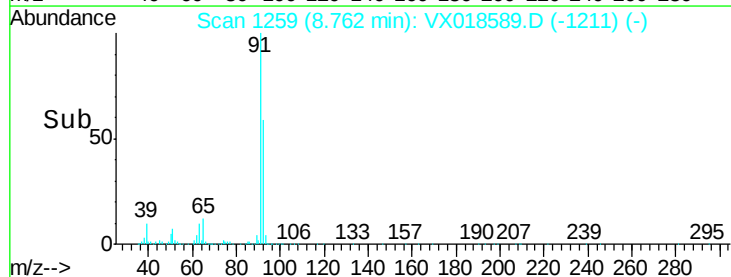
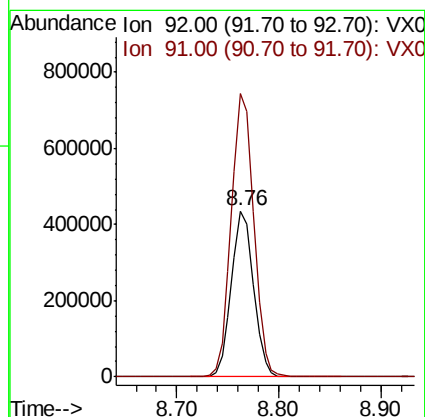
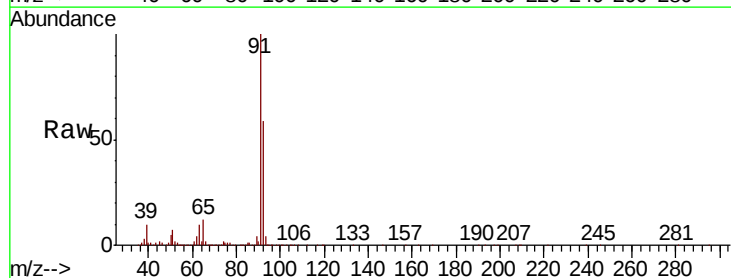
Acq: 25 Sep 2020 10:00

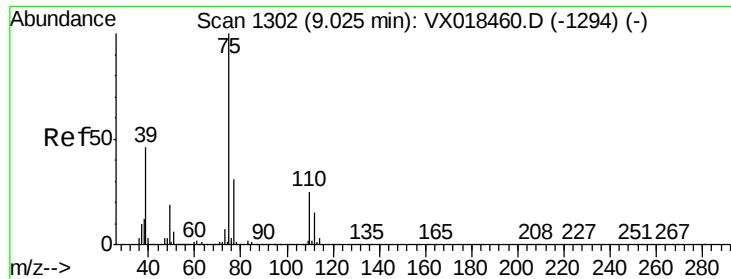
Tgt Ion: 92 Resp: 656884

Ion Ratio Lower Upper

92 100

91 172.7 140.6 210.8

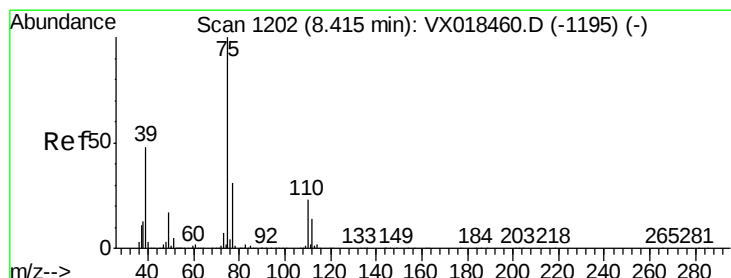
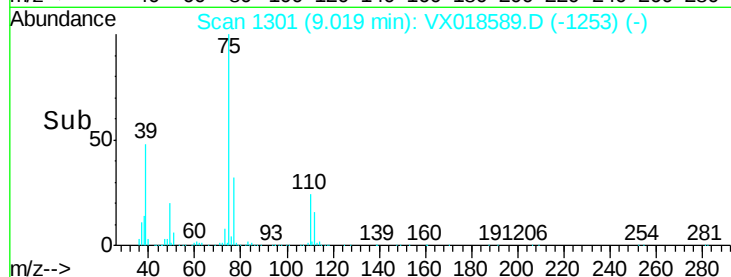
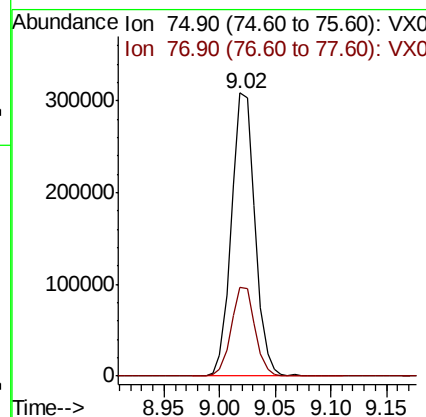
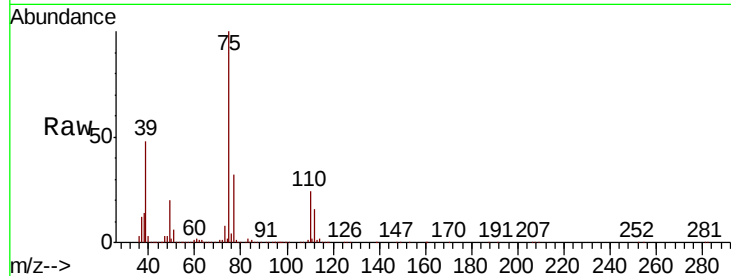




#53
 t-1,3-Dichloropropene
 Concen: 52.384 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

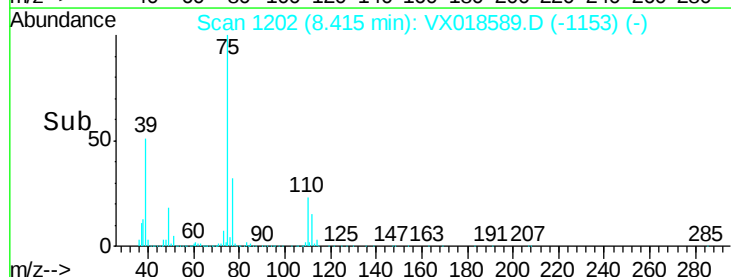
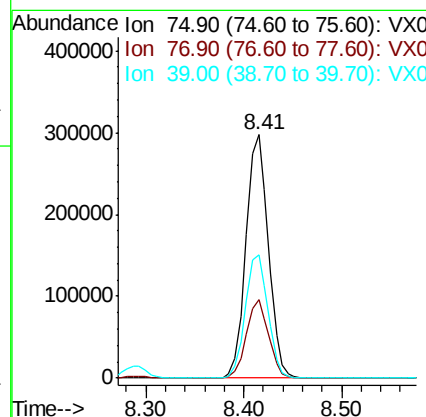
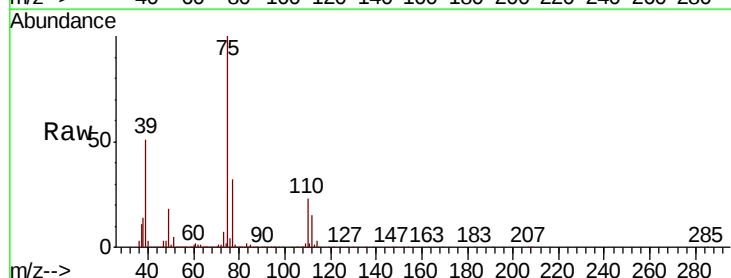
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

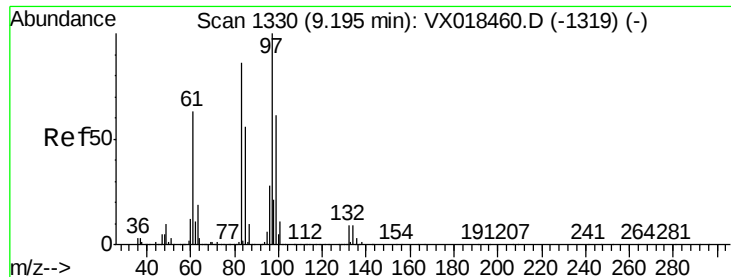
Tot Ion: 75 Resp: 452332
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 53.010 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Tgt Ion: 75 Resp: 471567
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.8 37.2
 39 50.6 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 53.102 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 277262

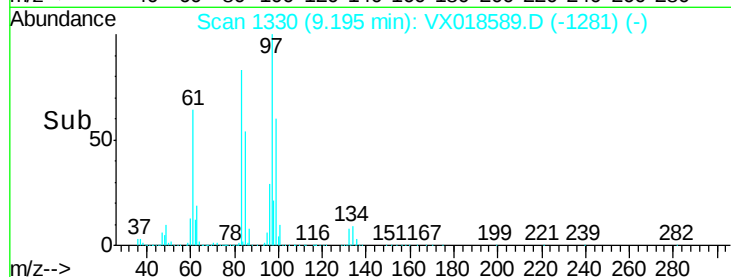
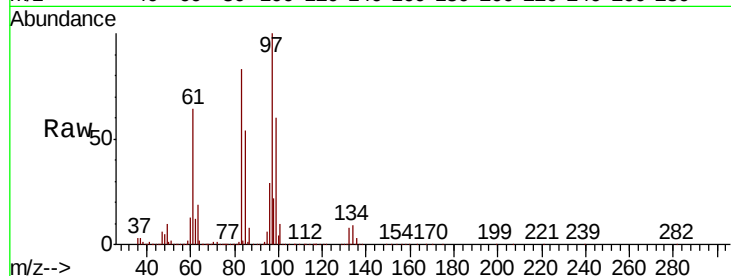
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.5	102.7
85	54.0	44.8	67.2
99	60.0	48.9	73.3

97 100

83 83.0 68.5 102.7

85 54.0 44.8 67.2

99 60.0 48.9 73.3



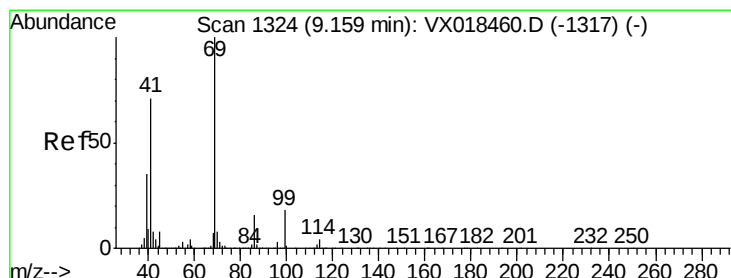
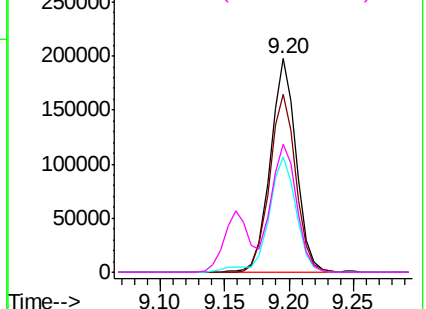
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.207 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

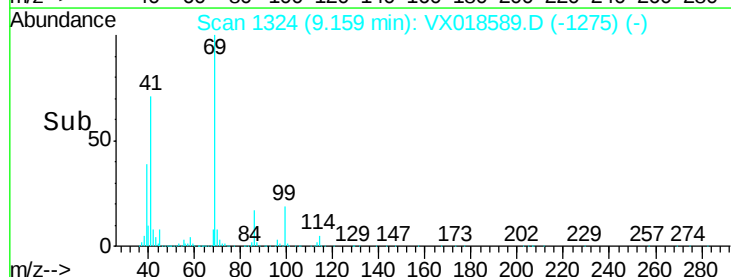
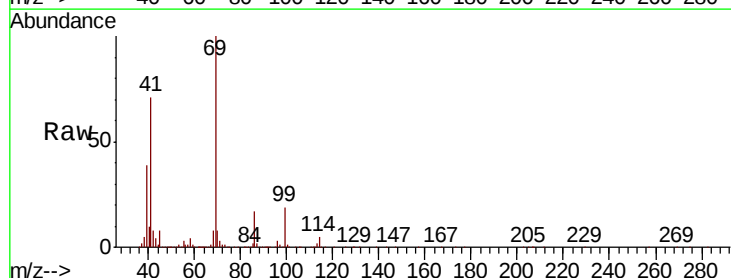
Tgt Ion: 69 Resp: 396449

Ion	Ratio	Lower	Upper
69	100		
41	69.3	54.6	81.8
39	39.2	29.3	43.9

69 100

41 69.3 54.6 81.8

39 39.2 29.3 43.9

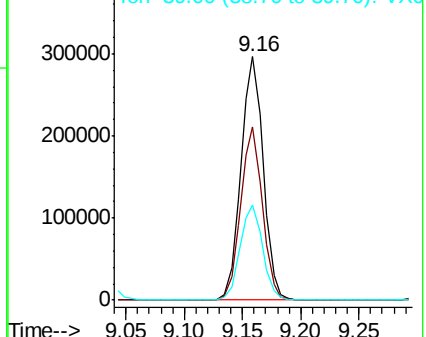


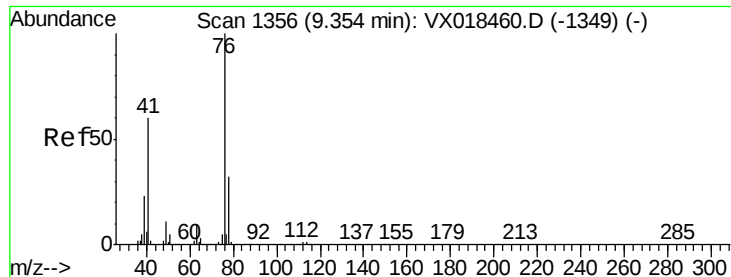
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.657 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

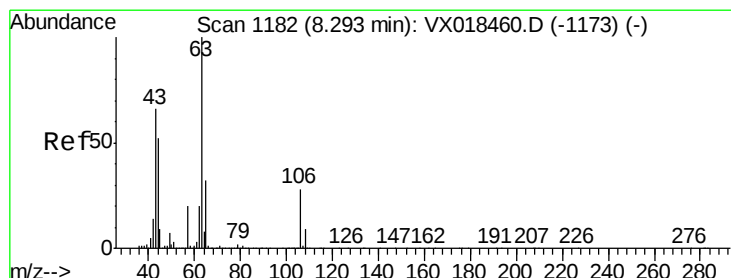
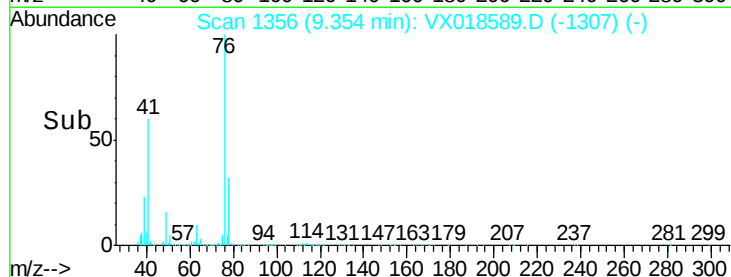
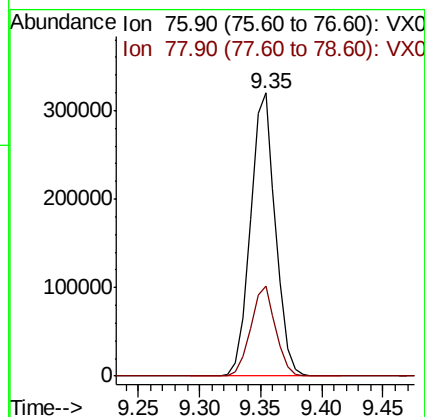
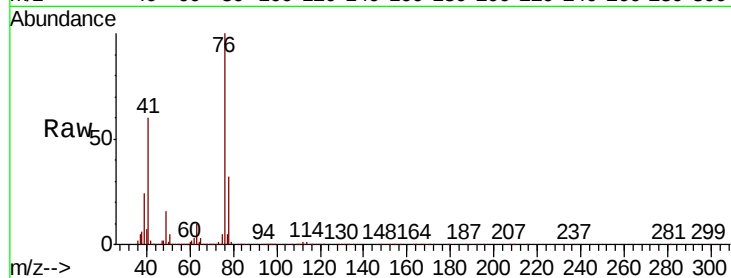
VSTDCCC050

Tot Ion: 76 Resp: 453161

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 243.108 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018589.D

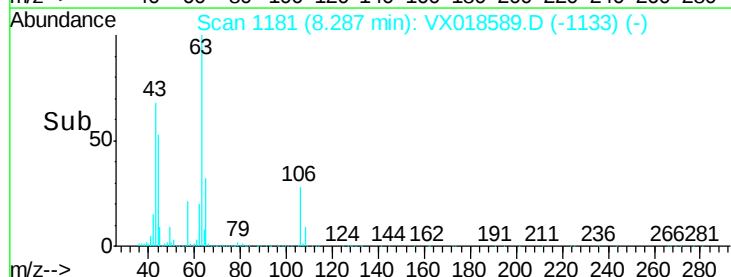
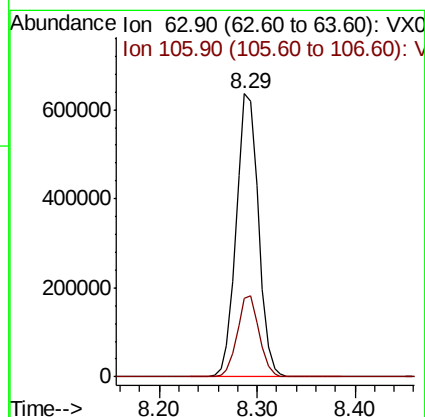
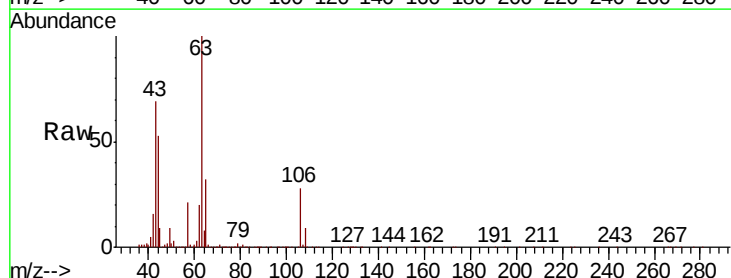
Acq: 25 Sep 2020 10:00

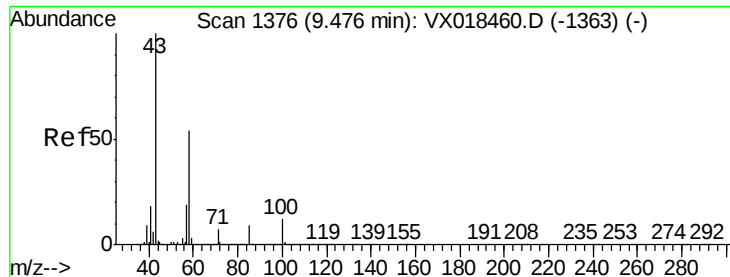
Tgt Ion: 63 Resp: 1000672

Ion Ratio Lower Upper

63 100

106 28.4 22.2 33.2

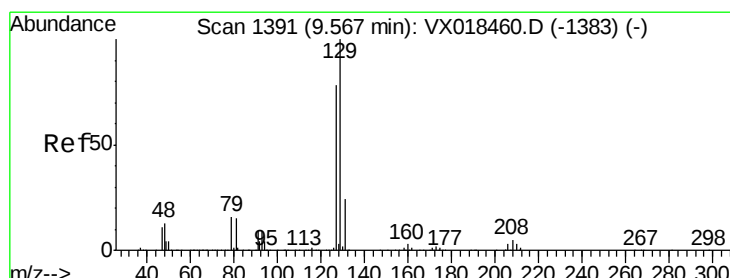
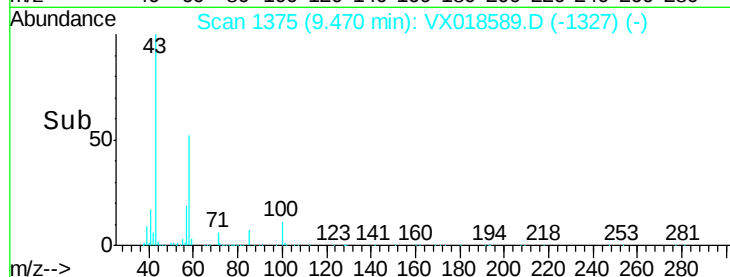
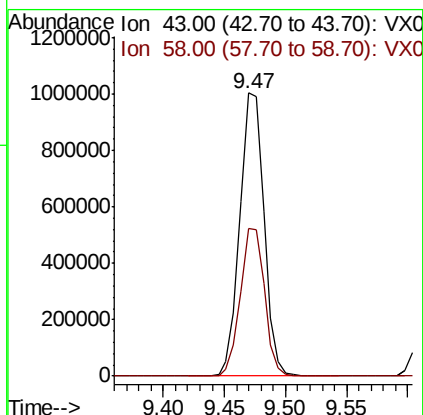
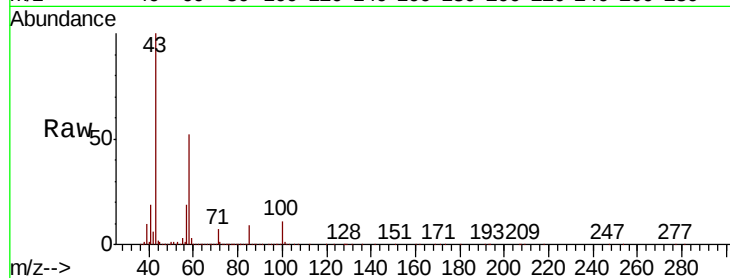




#59
2-Hexanone
Concen: 245.697 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

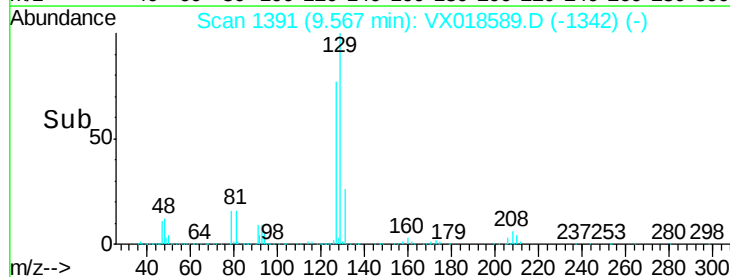
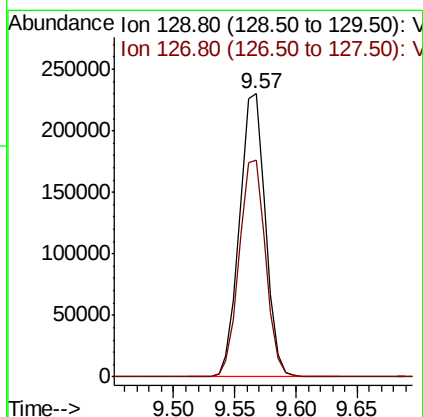
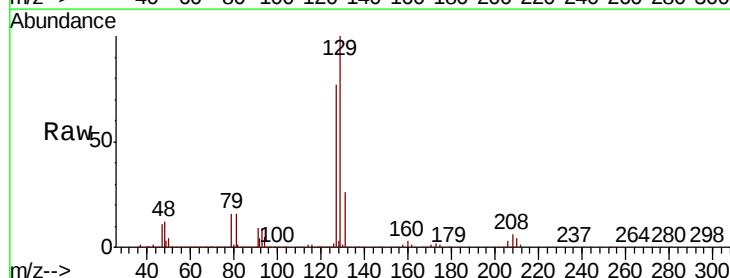
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

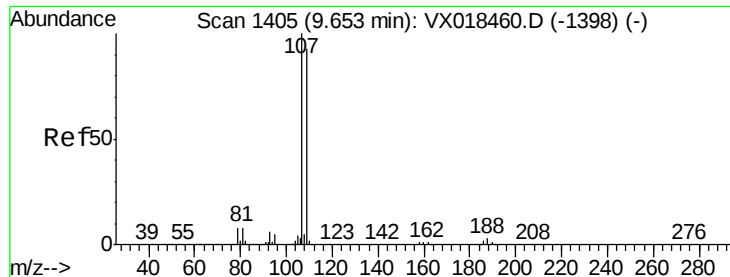
Tot Ion: 43 Resp: 1375773
Ion Ratio Lower Upper
43 100
58 52.3 26.5 79.4



#60
Dibromochloromethane
Concen: 54.173 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion: 129 Resp: 337276
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.823 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

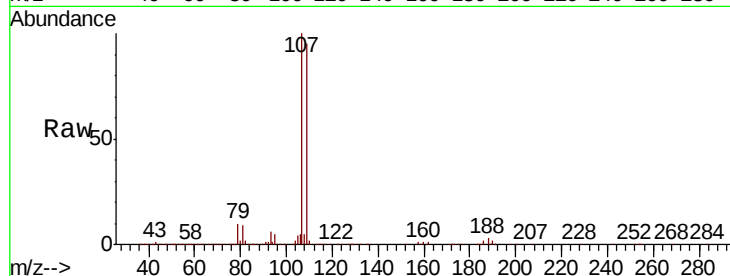
VSTDCCC050

Tot Ion:107 Resp: 299012

Ion Ratio Lower Upper

107 100

109 93.9 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

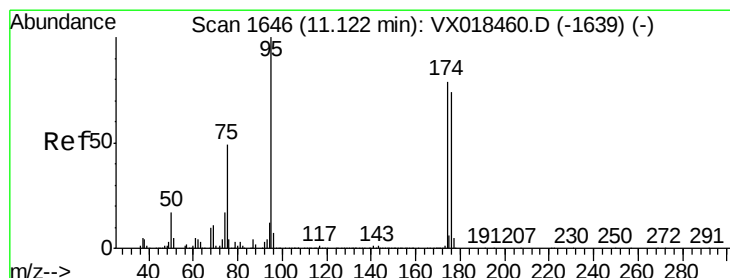
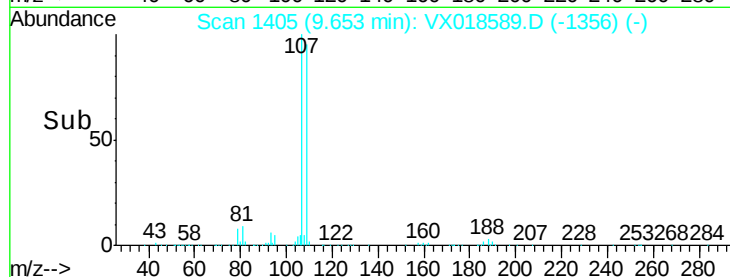
100000

50000

0

9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 49.628 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

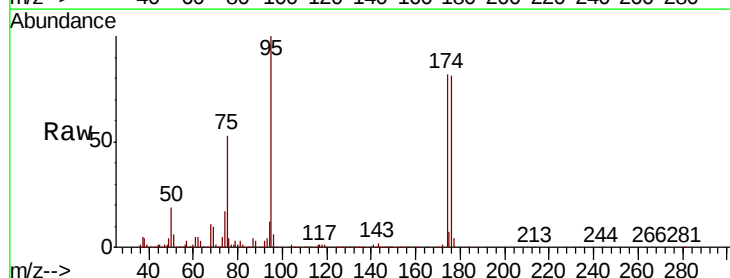
Tgt Ion: 95 Resp: 356446

Ion Ratio Lower Upper

95 100

174 79.8 0.0 161.4

176 79.1 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

300000

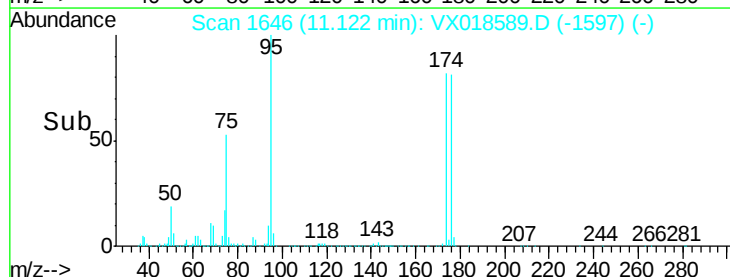
200000

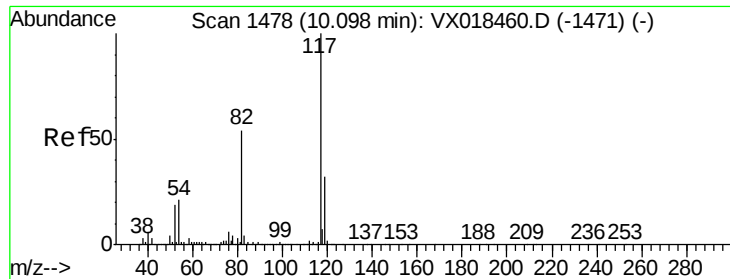
100000

0

11.10 11.12 11.20

Time-->

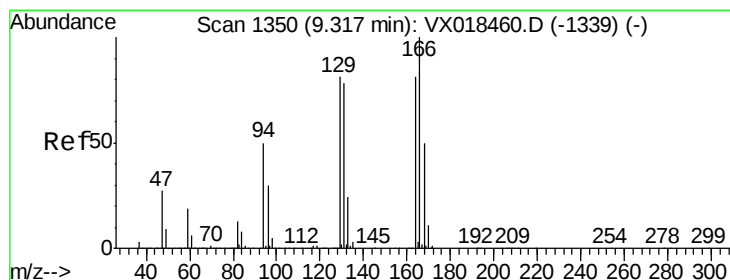
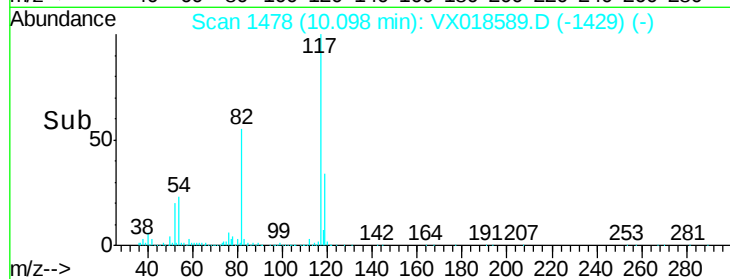
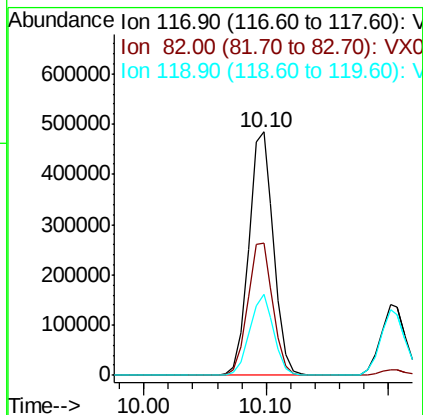
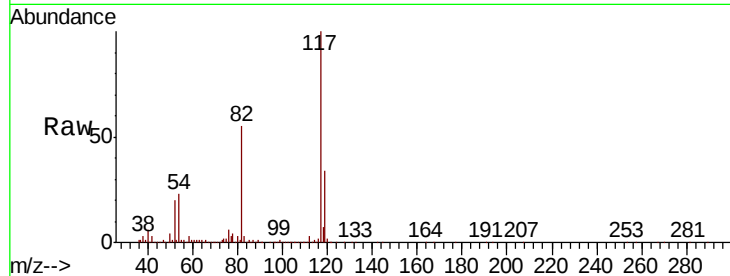




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

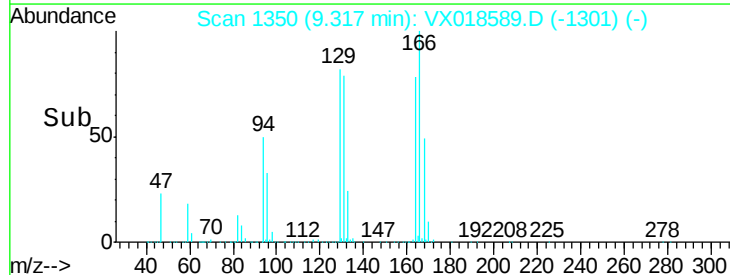
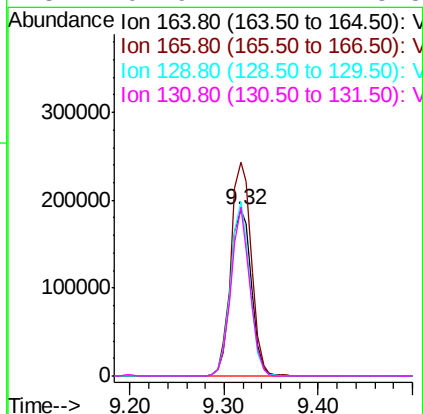
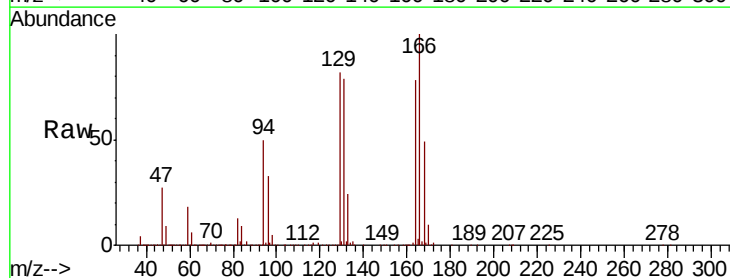
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

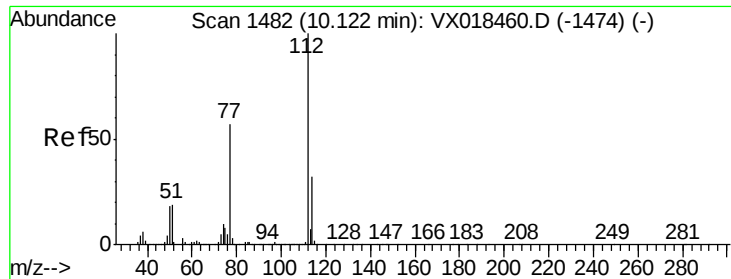
Tot Ion:117 Resp: 678830
Ion Ratio Lower Upper
117 100
82 54.5 43.3 64.9
119 33.5 25.9 38.9



#64
Tetrachloroethene
Concen: 54.211 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion:164 Resp: 289723
Ion Ratio Lower Upper
164 100
166 128.5 99.3 148.9
129 105.0 80.7 121.1
131 101.9 77.2 115.8

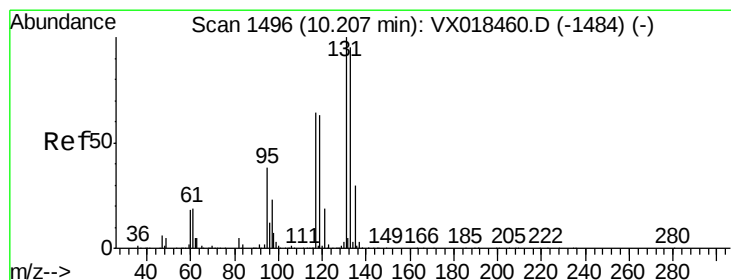
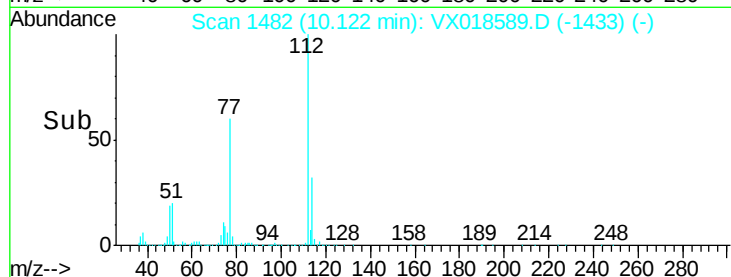
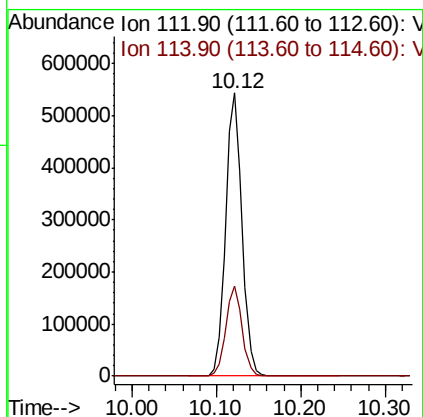
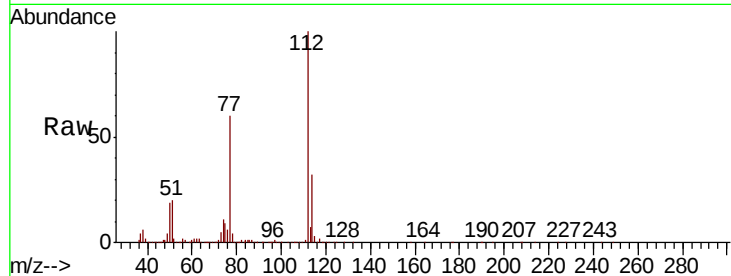




#65
Chlorobenzene
Concen: 51.458 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

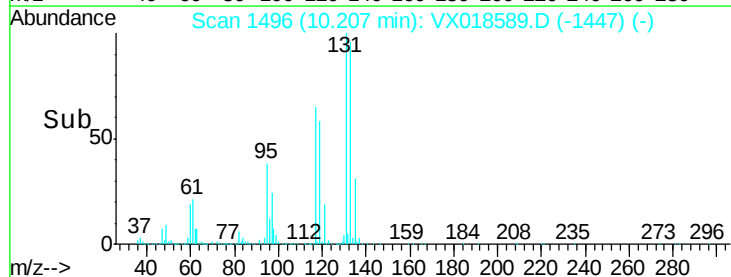
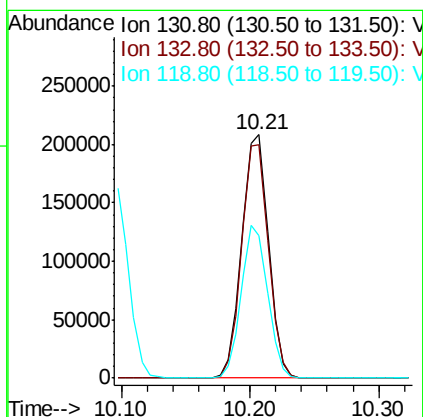
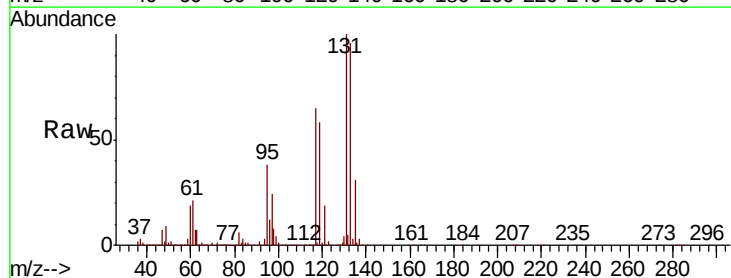
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

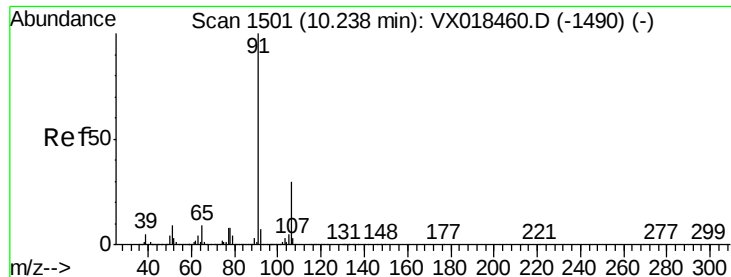
Tot Ion:112 Resp: 719277
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.173 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion:131 Resp: 298163
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.4
119 62.0 31.9 95.7

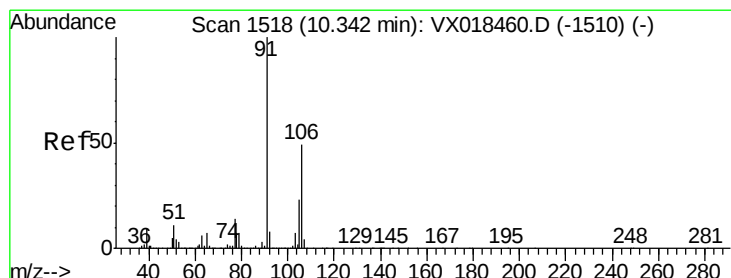
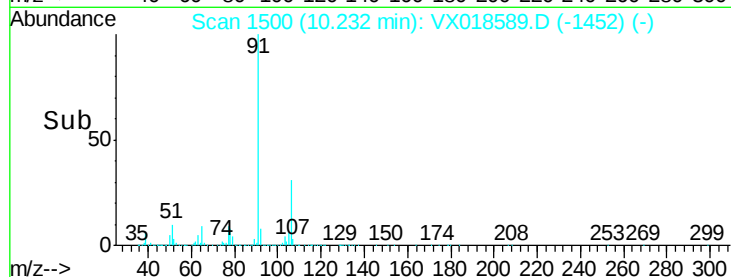
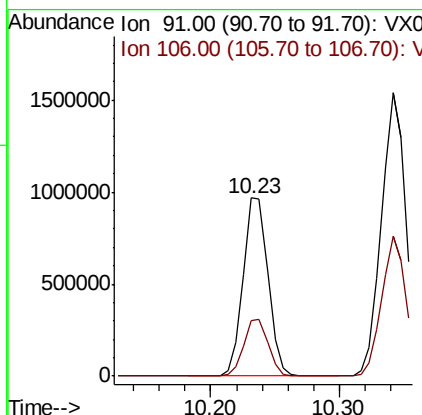
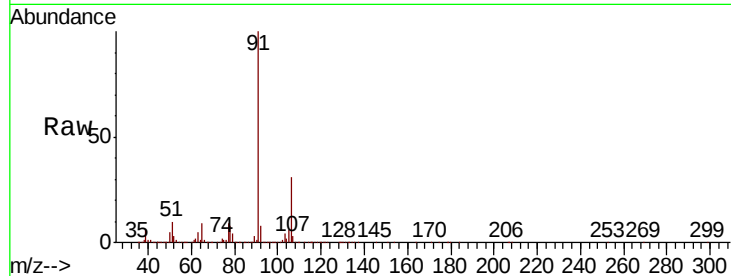




#67
Ethyl Benzene
Concen: 53.476 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

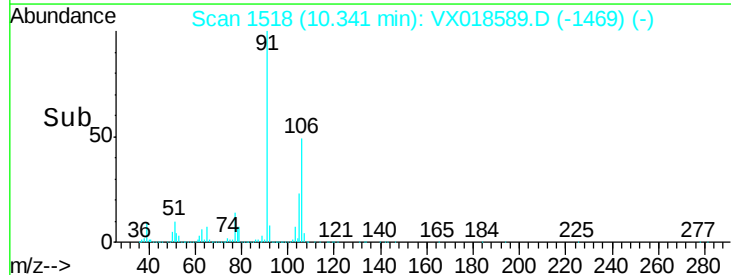
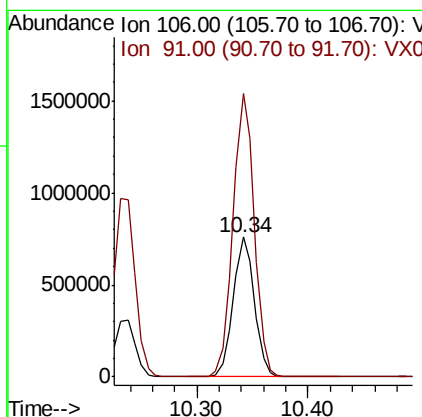
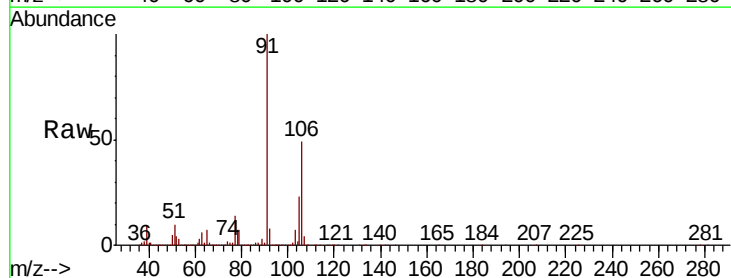
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

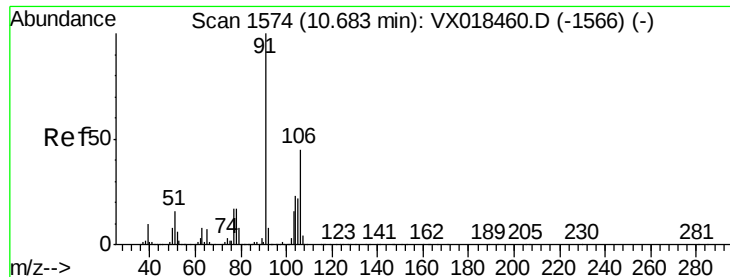
Tot Ion: 91 Resp: 1293831
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1



#68
m/p-Xylenes
Concen: 108.831 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion: 106 Resp: 996056
Ion Ratio Lower Upper
106 100
91 204.0 163.8 245.6

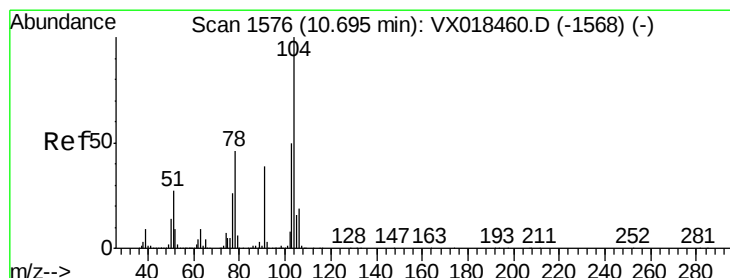
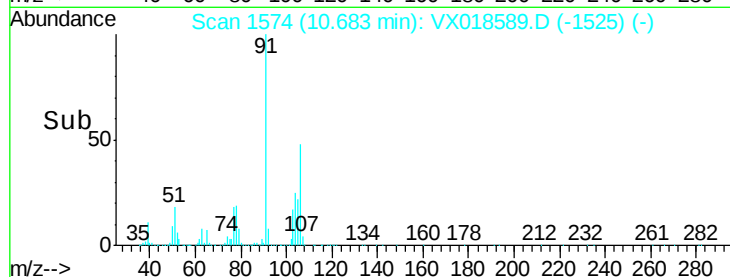
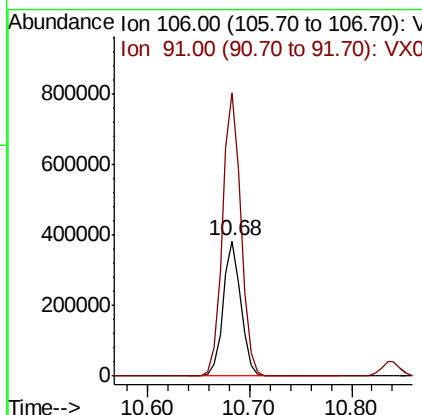
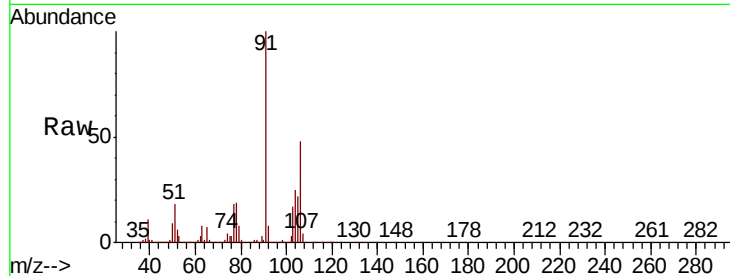




#69
o-Xylene
Concen: 53.337 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

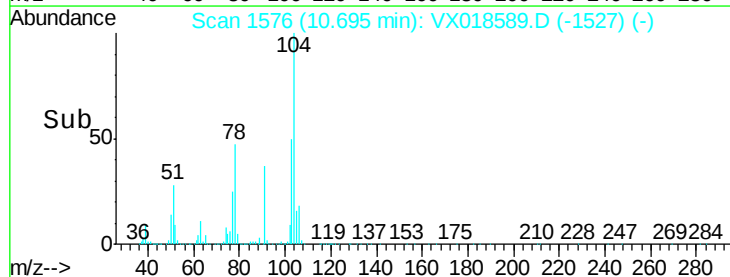
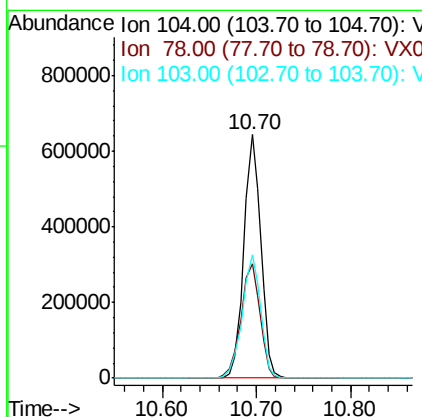
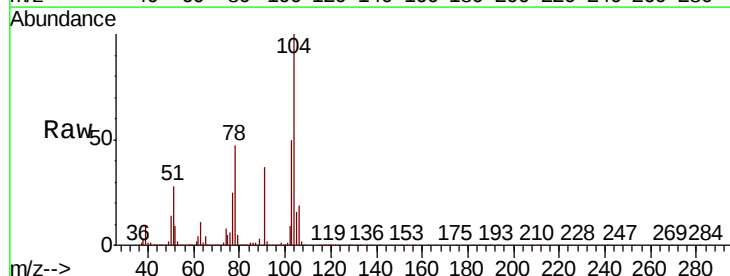
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

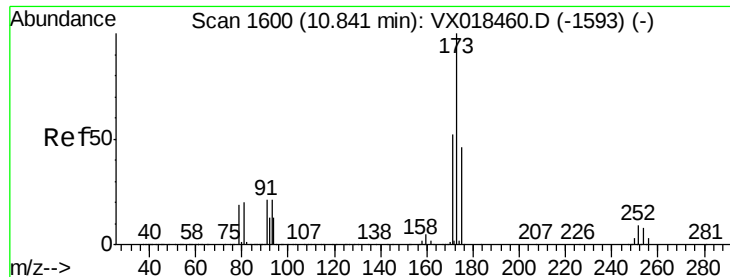
Tot Ion:106 Resp: 462261
Ion Ratio Lower Upper
106 100
91 218.0 109.7 329.0



#70
Styrene
Concen: 54.189 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion:104 Resp: 810912
Ion Ratio Lower Upper
104 100
78 52.8 40.5 60.7
103 54.6 43.2 64.8





#71

Bromoform

Concen: 52.639 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

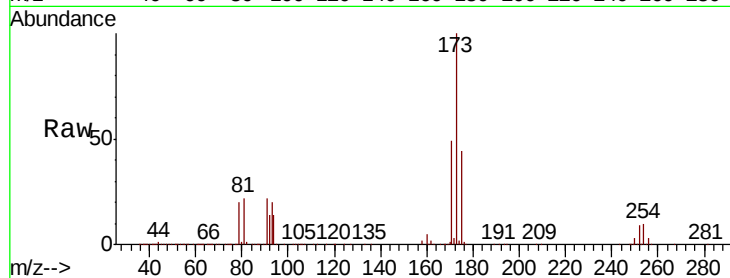
Tot Ion:173 Resp: 247829

Ion Ratio Lower Upper

173 100

175 47.7 23.6 70.8

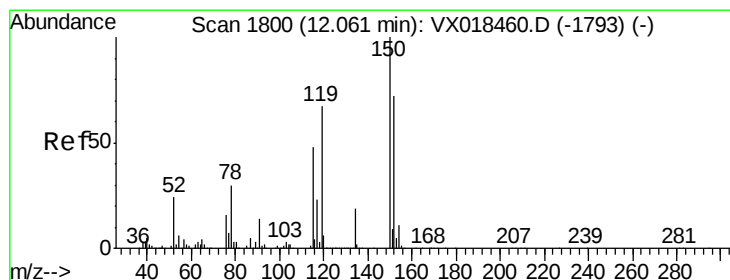
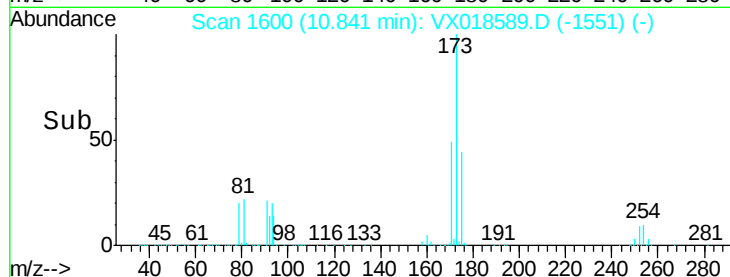
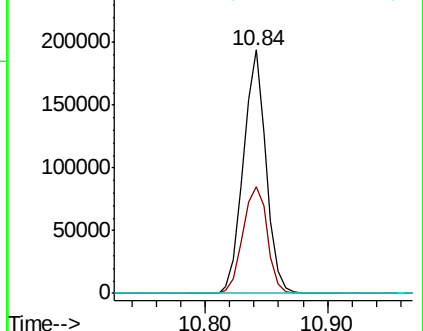
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

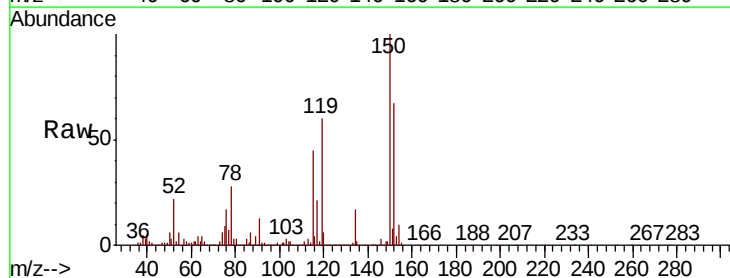
Tgt Ion:152 Resp: 370668

Ion Ratio Lower Upper

152 100

115 84.6 41.8 125.4

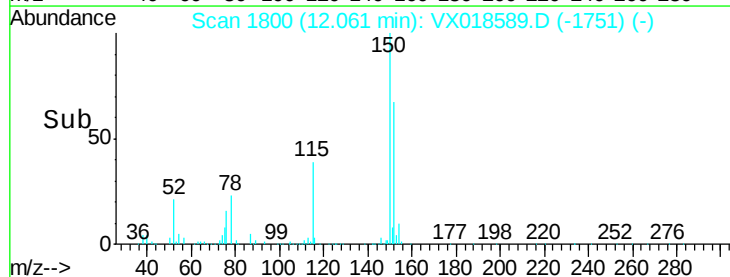
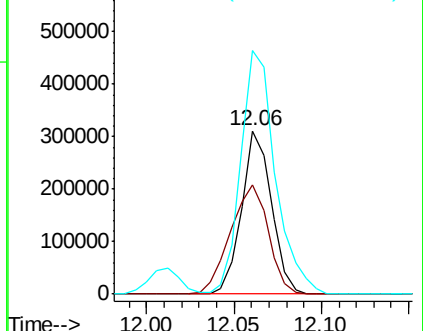
150 172.6 0.0 342.4

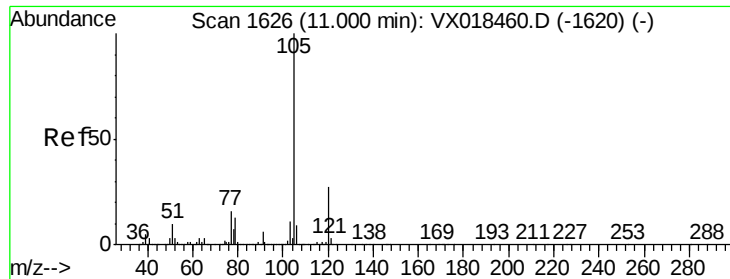


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.435 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

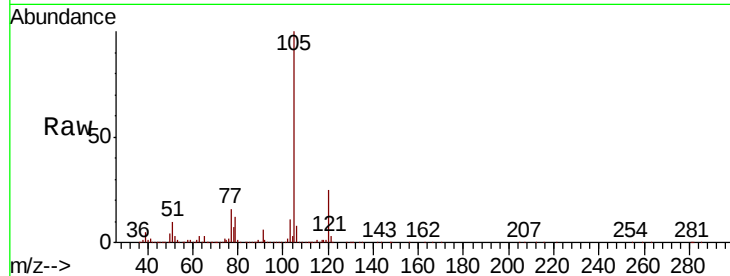
VSTDCCC050

Tot Ion:105 Resp: 1298395

Ion Ratio Lower Upper

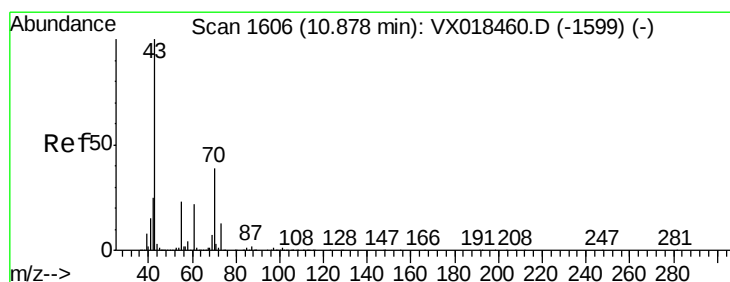
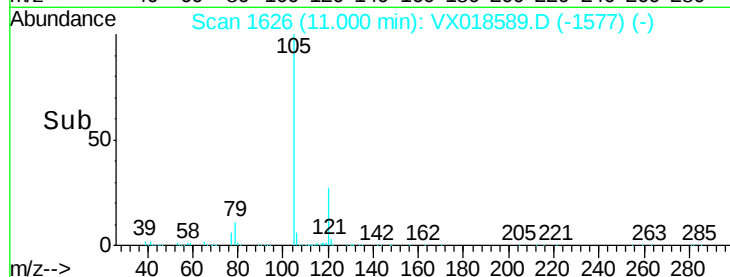
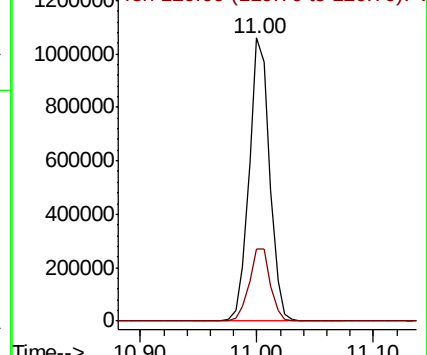
105 100

120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.048 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tgt Ion: 43 Resp: 513339

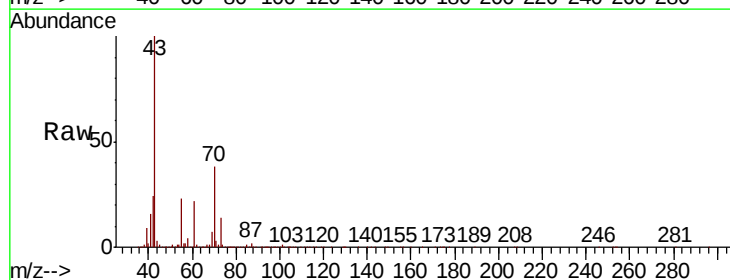
Ion Ratio Lower Upper

43 100

70 40.5 32.2 48.4

55 24.1 18.8 28.2

61 23.5 19.0 28.4

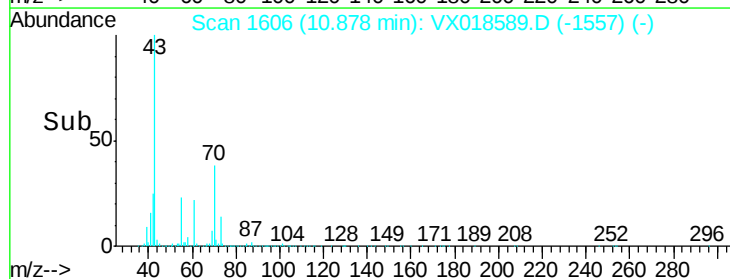
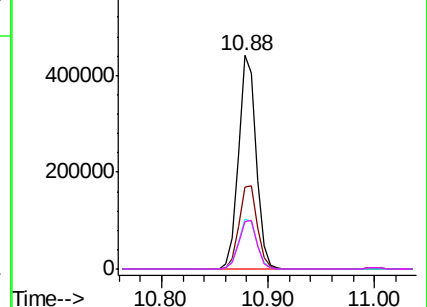


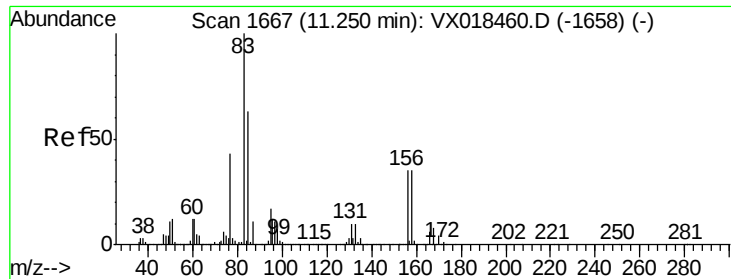
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.862 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

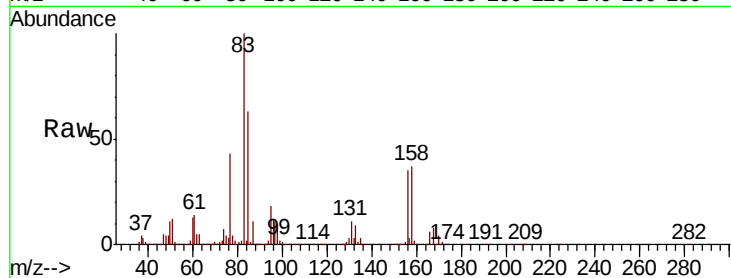
Tot Ion: 83 Resp: 392287

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

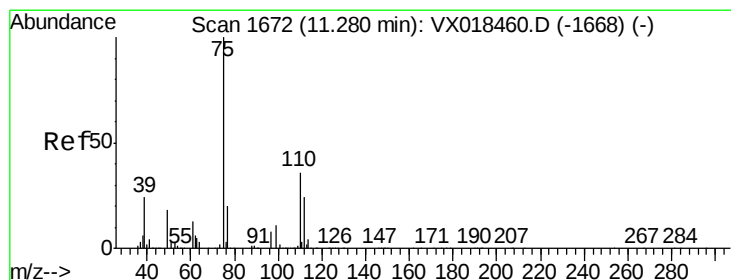
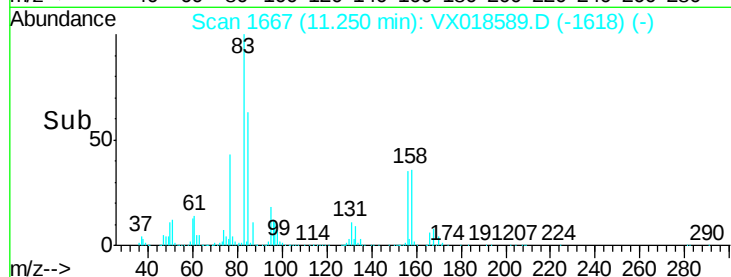
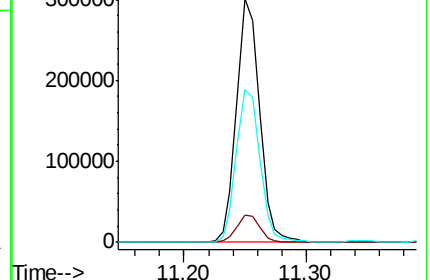
85 64.7 31.8 95.4



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: 60.222 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018589.D

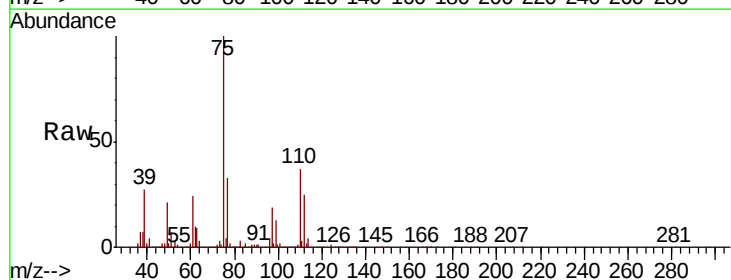
Acq: 25 Sep 2020 10:00

Tgt Ion: 75 Resp: 469090

Ion Ratio Lower Upper

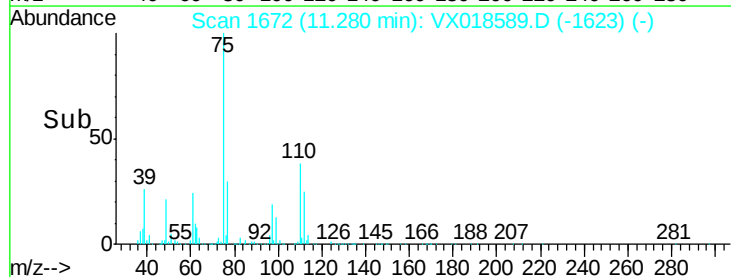
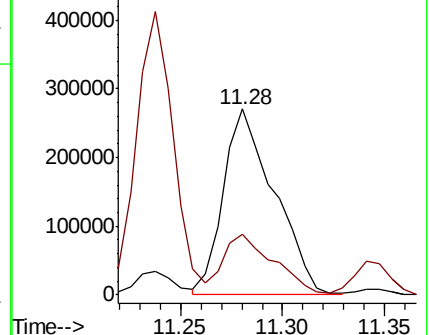
75 100

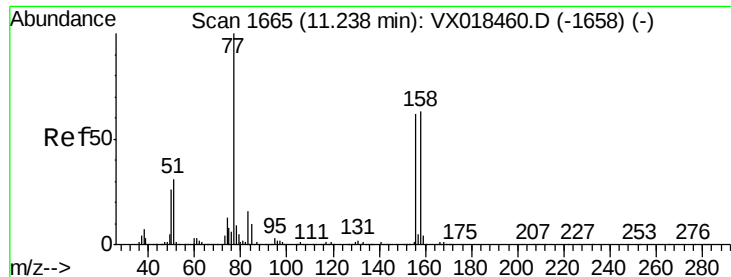
77 32.2 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.575 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

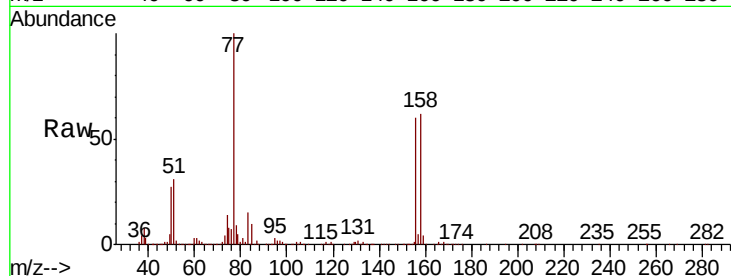
Tot Ion:156 Resp: 325044

Ion Ratio Lower Upper

156 100

77 159.5 78.8 236.5

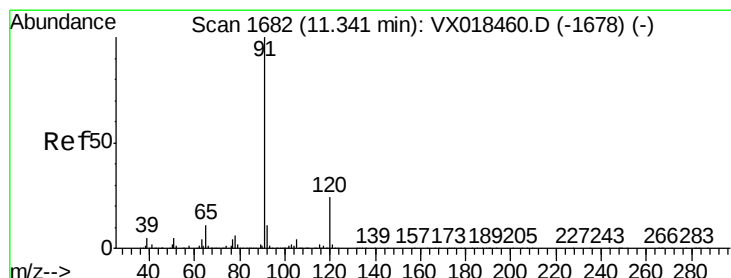
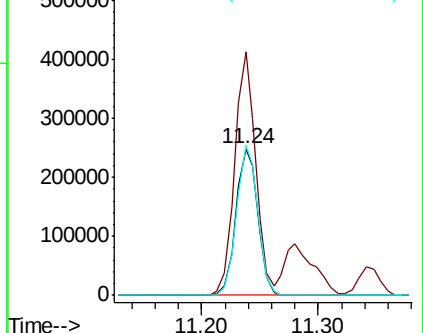
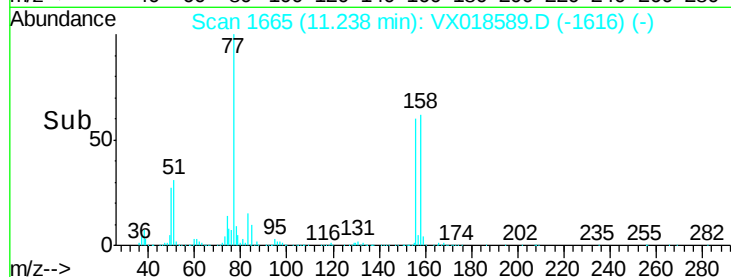
158 99.6 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.862 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018589.D

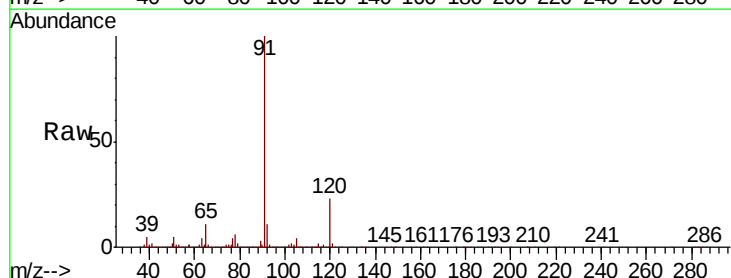
Acq: 25 Sep 2020 10:00

Tgt Ion: 91 Resp: 1503199

Ion Ratio Lower Upper

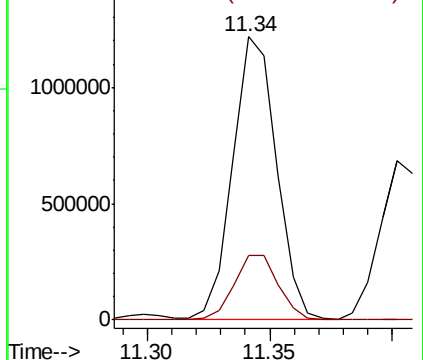
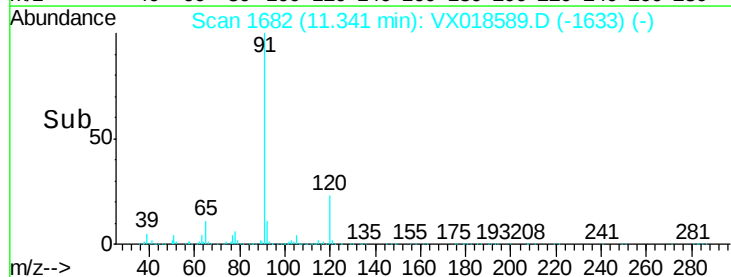
91 100

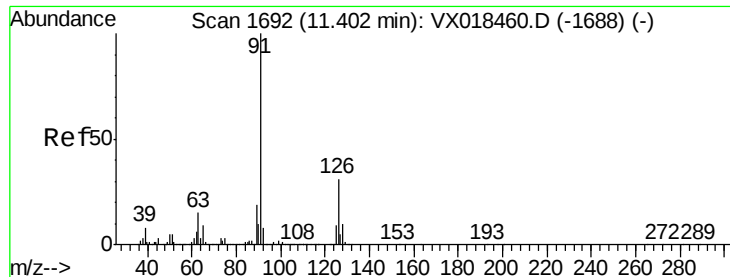
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.567 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

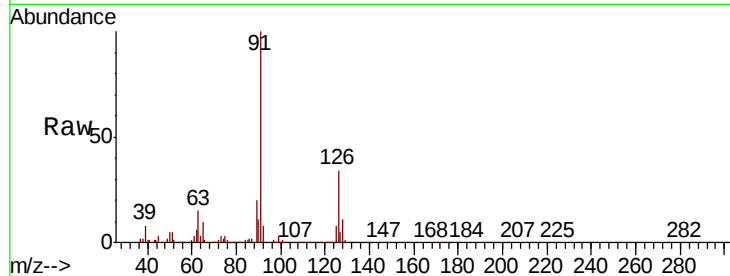
VSTDCCC050

Tot Ion: 91 Resp: 887183

Ion Ratio Lower Upper

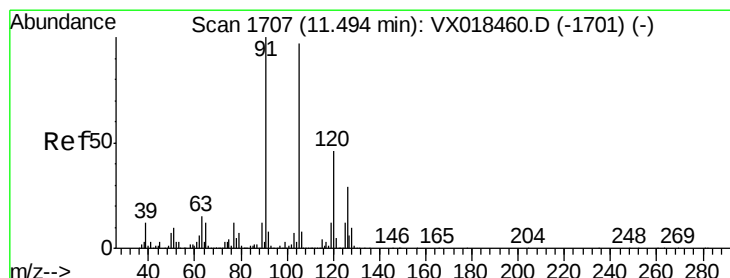
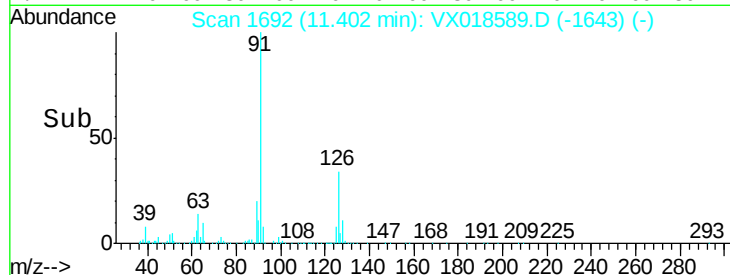
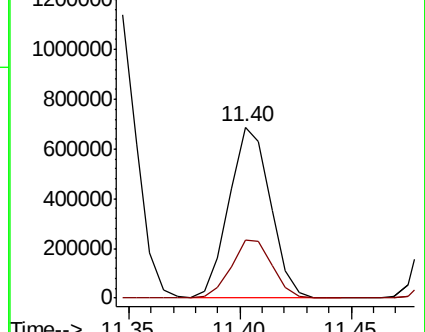
91 100

126 34.1 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.743 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018589.D

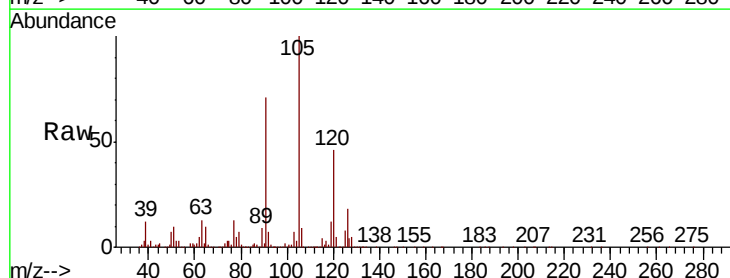
Acq: 25 Sep 2020 10:00

Tgt Ion: 105 Resp: 1116936

Ion Ratio Lower Upper

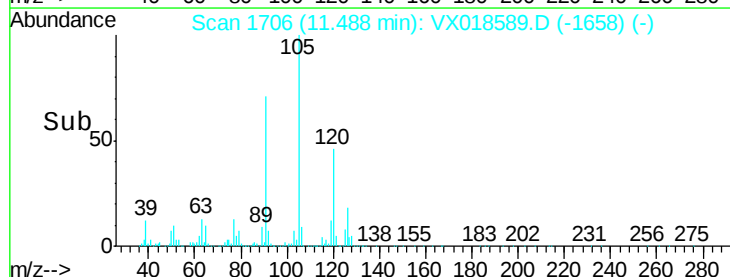
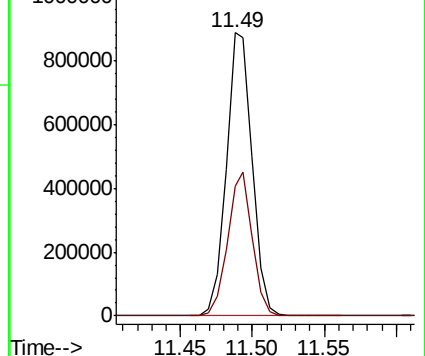
105 100

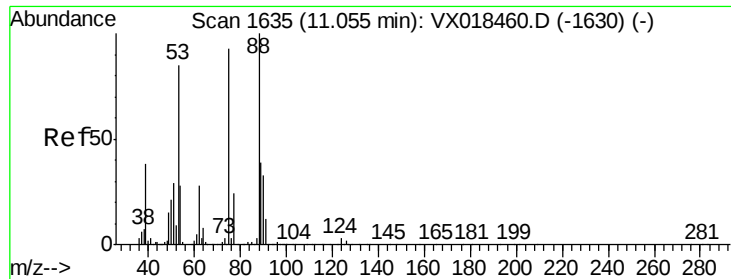
120 48.5 23.6 71.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.363 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

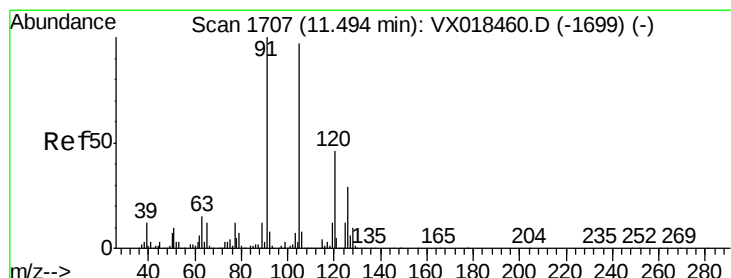
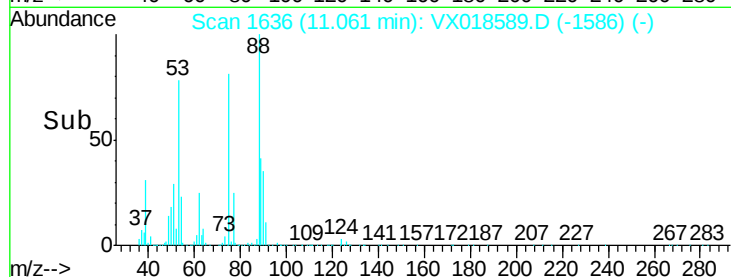
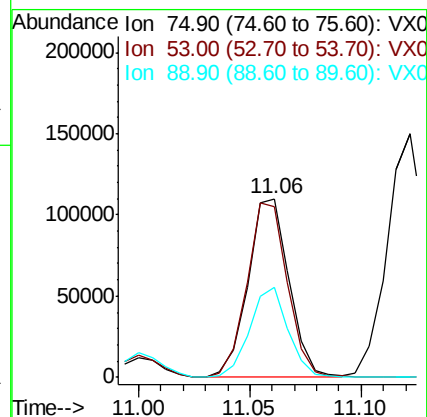
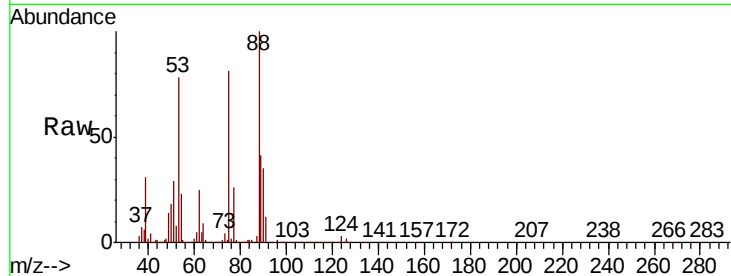
Tot Ion: 75 Resp: 140932

Ion Ratio Lower Upper

75 100

53 96.5 74.6 111.8

89 47.5 36.2 54.4



#82

4-Chlorotoluene

Concen: 51.591 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018589.D

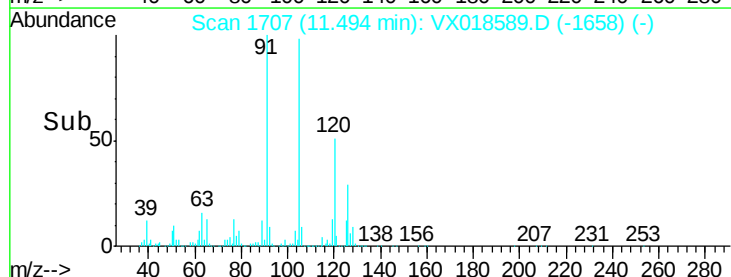
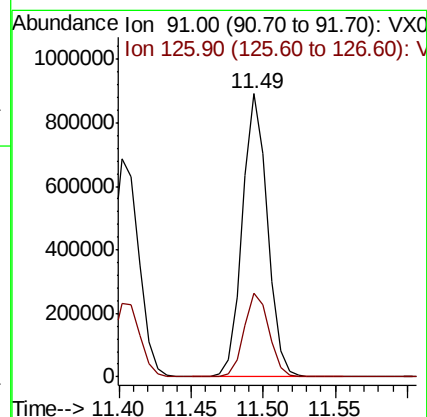
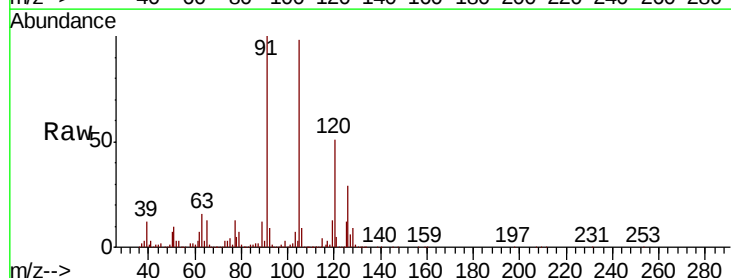
Acq: 25 Sep 2020 10:00

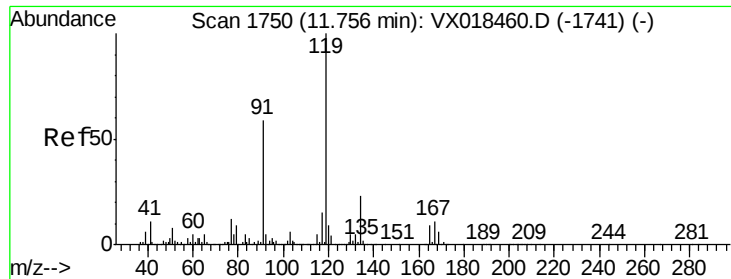
Tgt Ion: 91 Resp: 1075965

Ion Ratio Lower Upper

91 100

126 29.5 15.0 45.0





#83

tert-Butylbenzene

Concen: 51.164 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

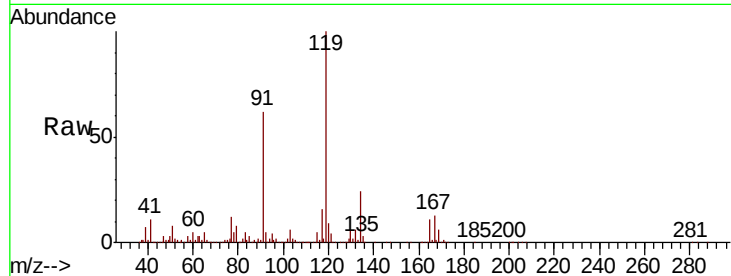
Tot Ion:119 Resp: 1051984

Ion Ratio Lower Upper

119 100

91 59.7 28.9 86.7

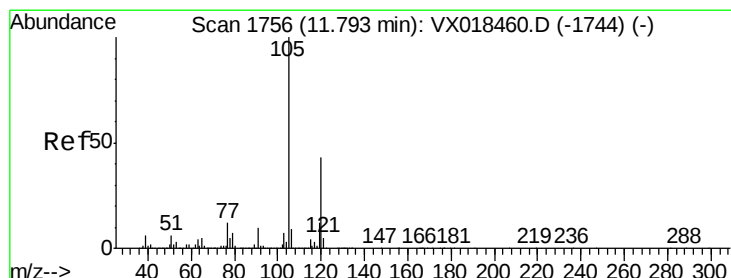
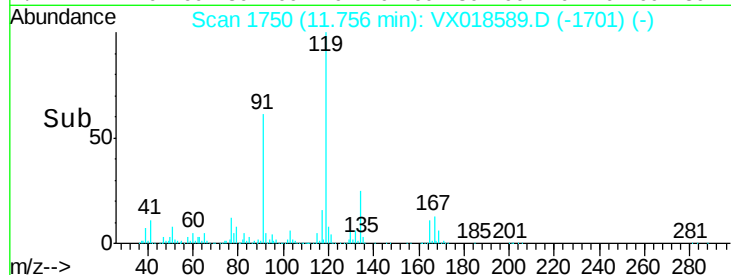
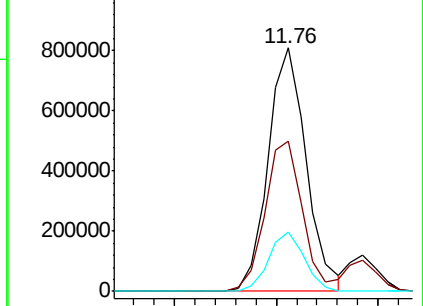
134 23.2 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.226 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018589.D

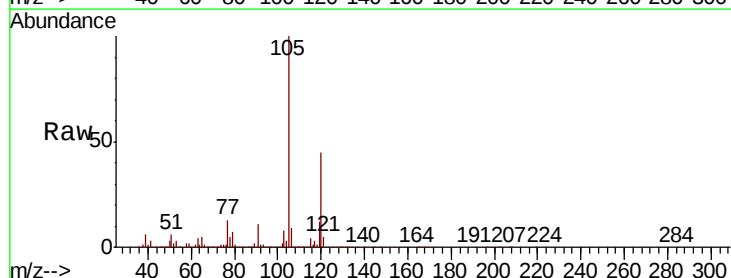
Acq: 25 Sep 2020 10:00

Tgt Ion:105 Resp: 1135143

Ion Ratio Lower Upper

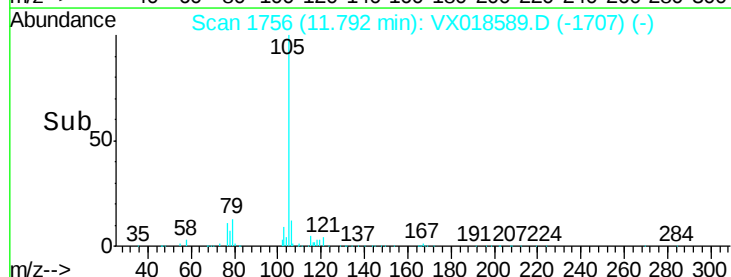
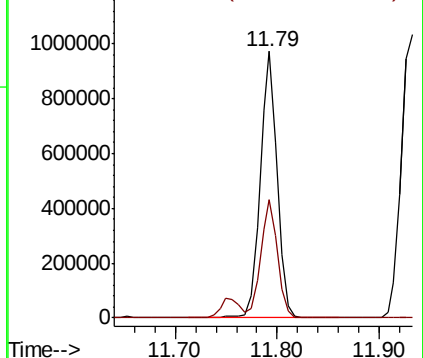
105 100

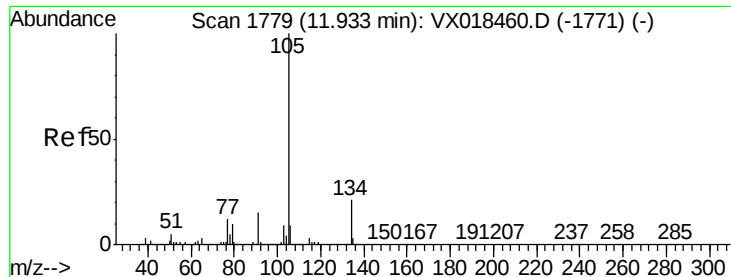
120 43.9 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.866 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

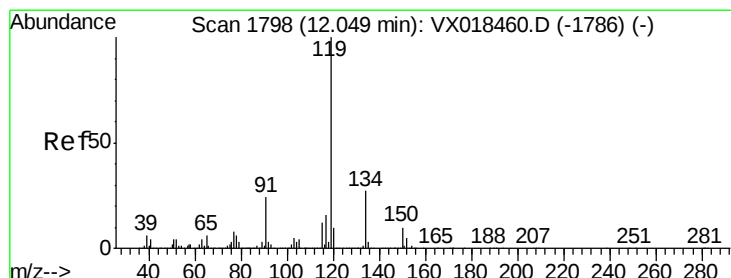
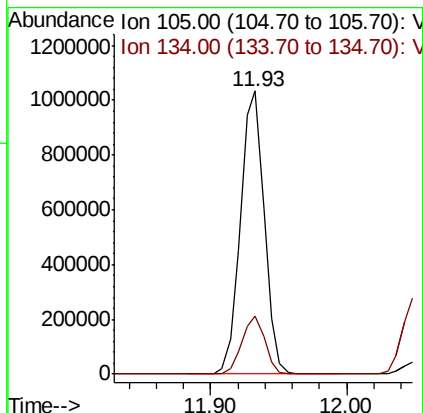
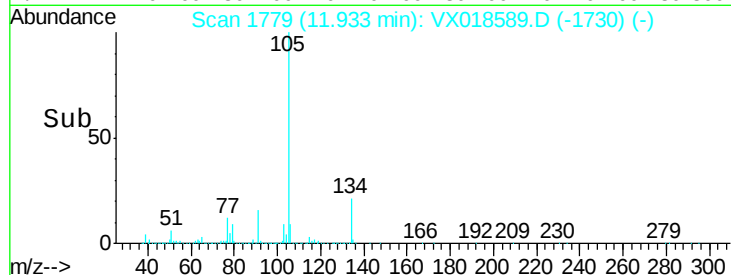
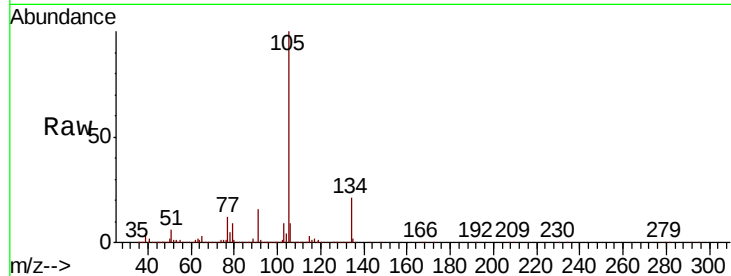
VSTDCCC050

Tot Ion:105 Resp: 1258296

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 53.353 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

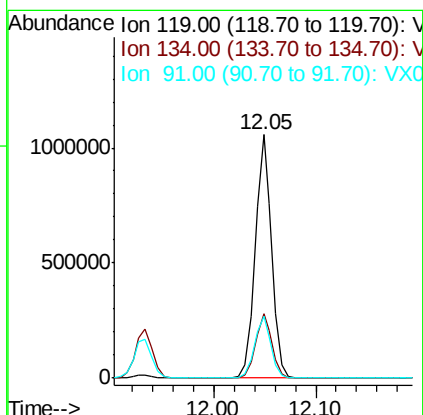
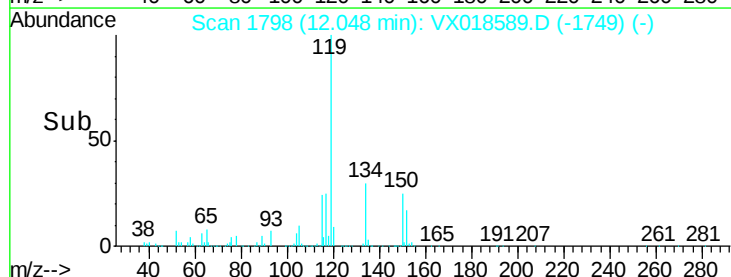
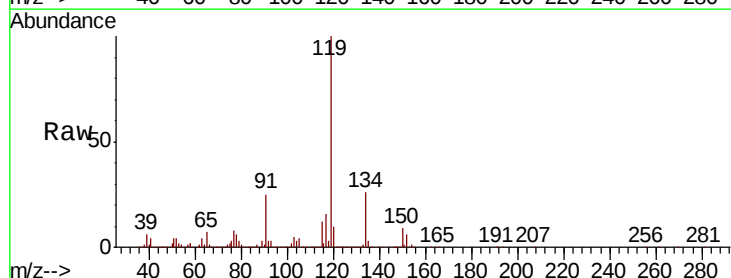
Tgt Ion:119 Resp: 1189580

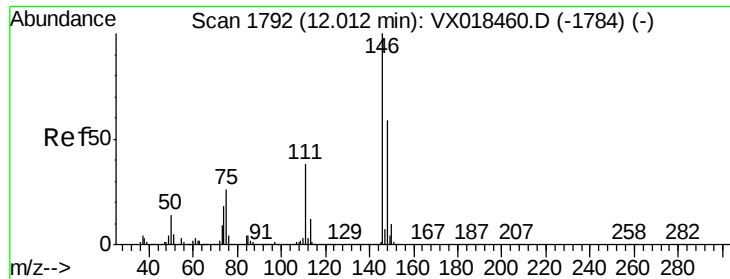
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 25.1 11.9 35.9

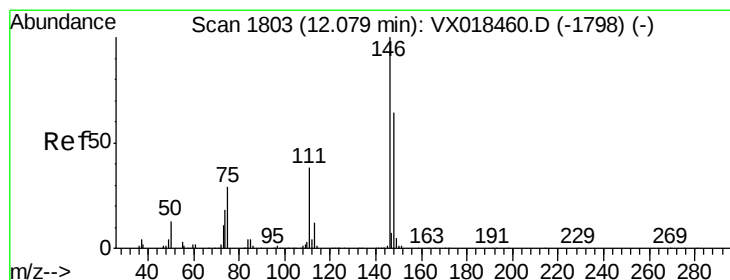
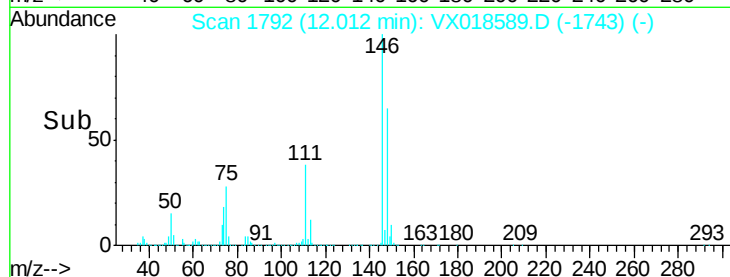
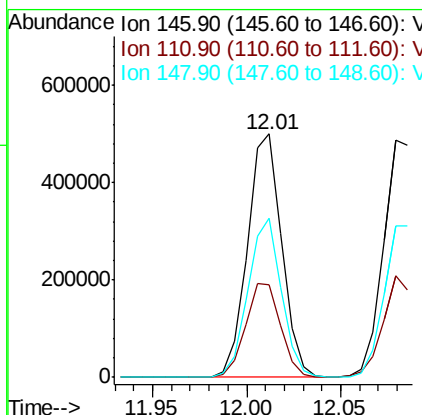
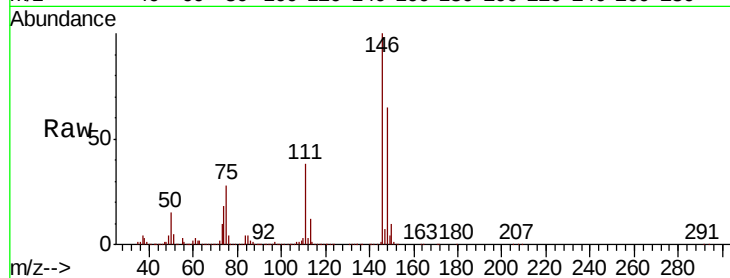




#87
 1,3-Dichlorobenzene
 Concen: 51.234 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

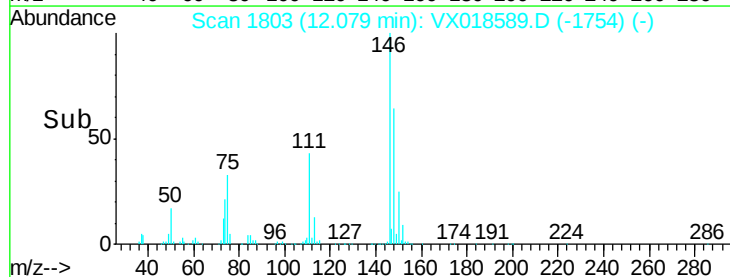
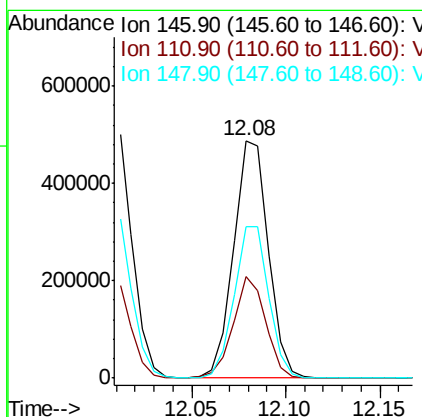
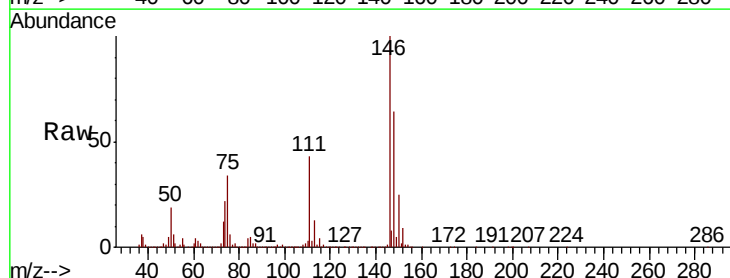
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

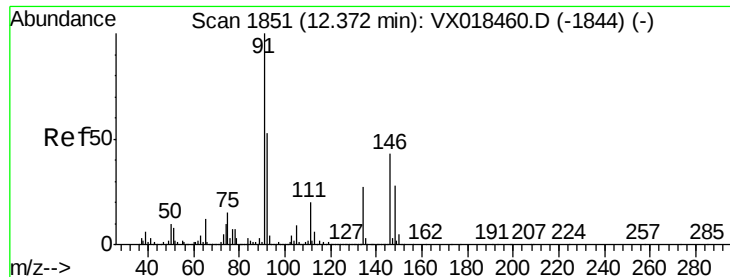
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.4	61.2
148	63.5	31.1	93.2



#88
 1,4-Dichlorobenzene
 Concen: 49.794 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.4
148	63.9	31.8	95.4

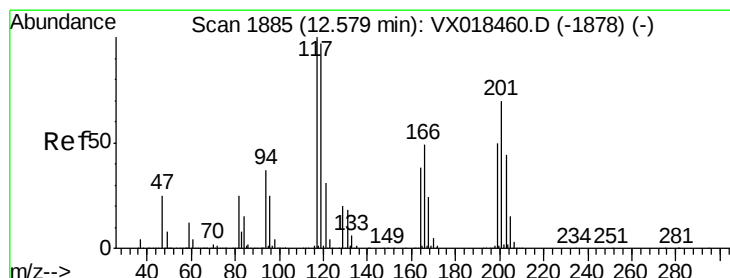
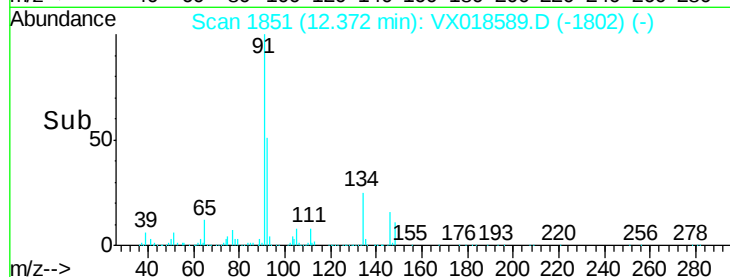
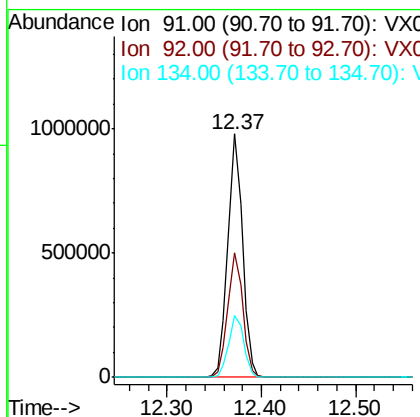
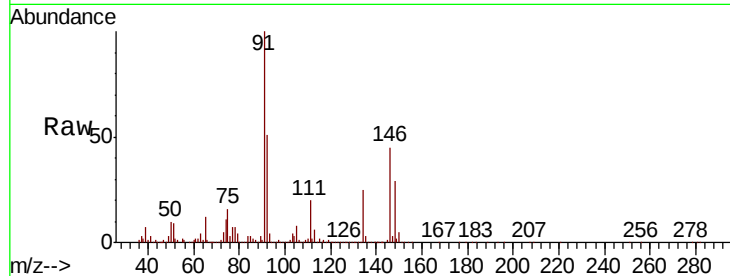




#89
n-Butylbenzene
Concen: 52.116 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

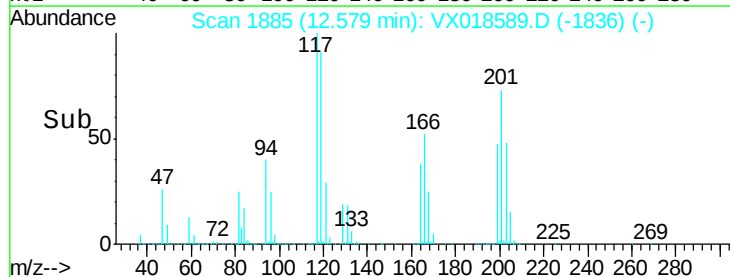
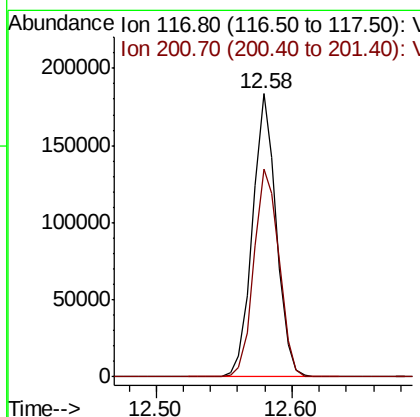
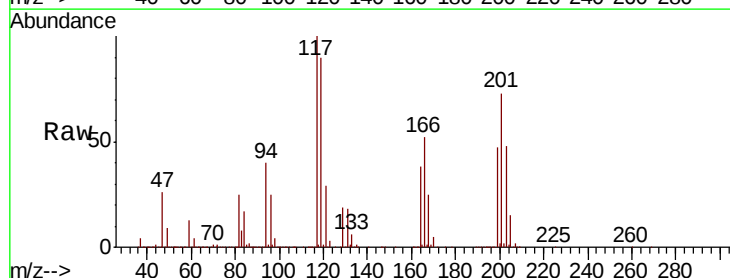
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

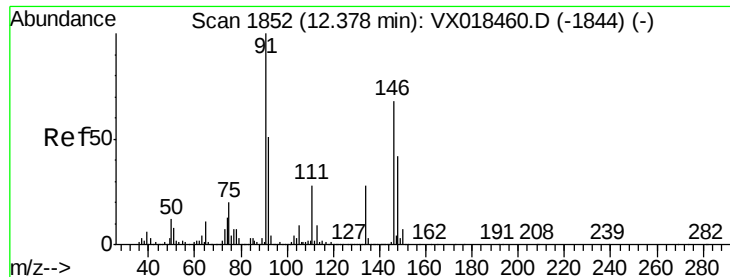
Tot Ion: 91 Resp: 1075714
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.2
134 26.2 13.3 39.8



#90
Hexachloroethane
Concen: 50.718 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion: 117 Resp: 225758
Ion Ratio Lower Upper
117 100
201 77.6 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 52.530 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

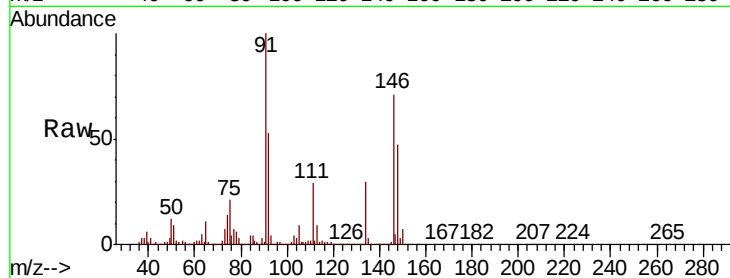
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:146 Resp: 603977

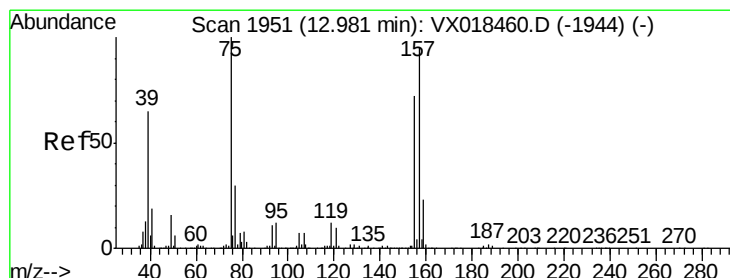
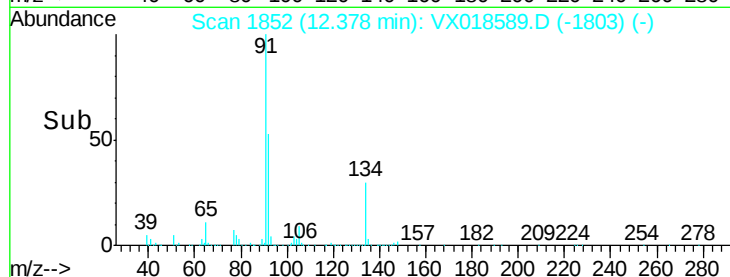
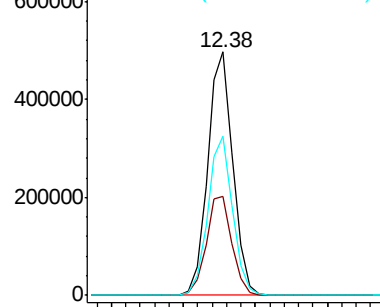
Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.5	64.5
148	64.1	32.1	96.5



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: 47.662 ug/l

RT: 12.98 min Scan# 1951

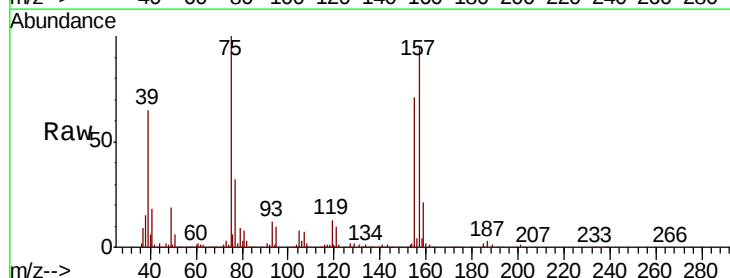
Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tgt Ion: 75 Resp: 94834

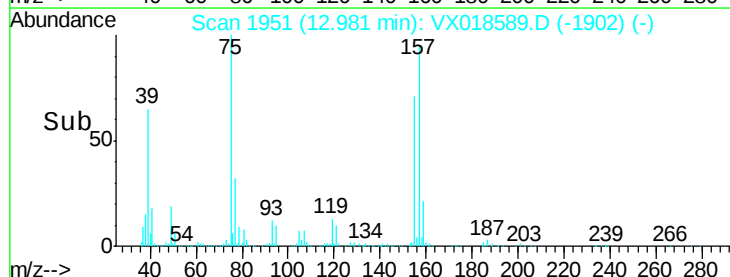
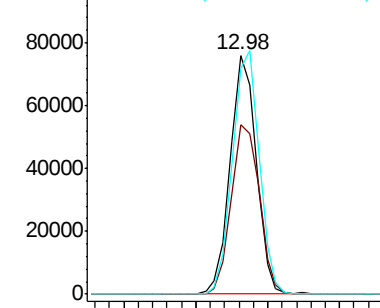
Ion	Ratio	Lower	Upper
75	100		
155	76.6	38.8	116.4
157	105.1	51.1	153.3

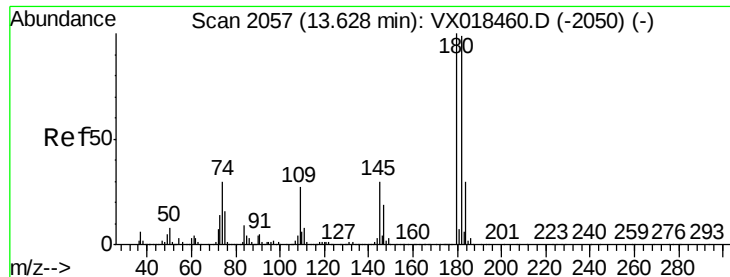


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

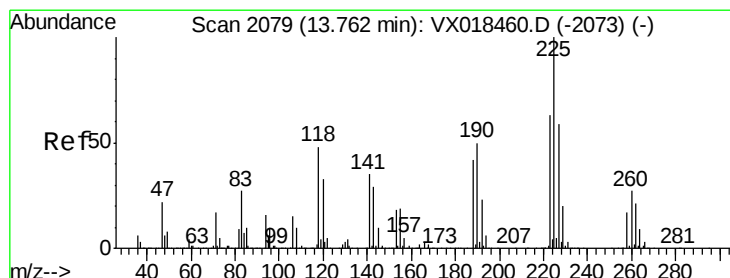
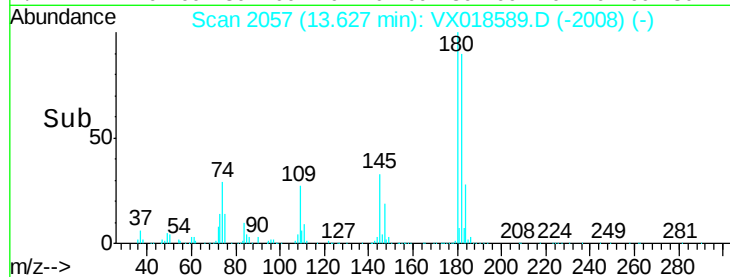
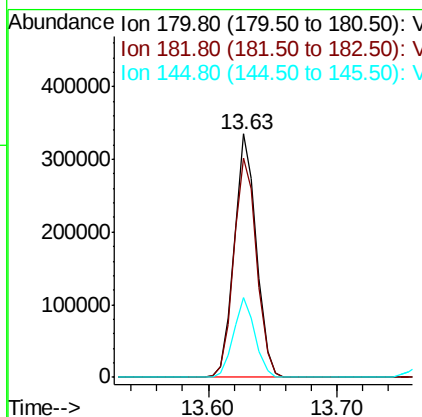
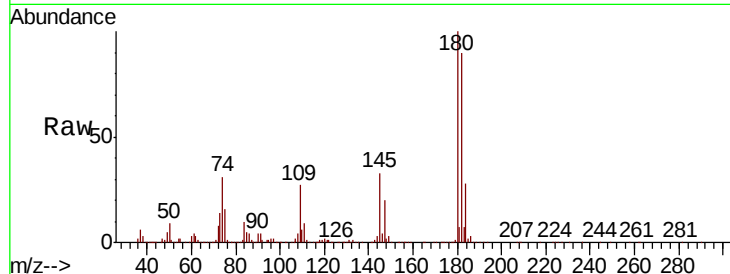




#93
 1,2,4-Trichlorobenzene
 Concen: 50.244 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

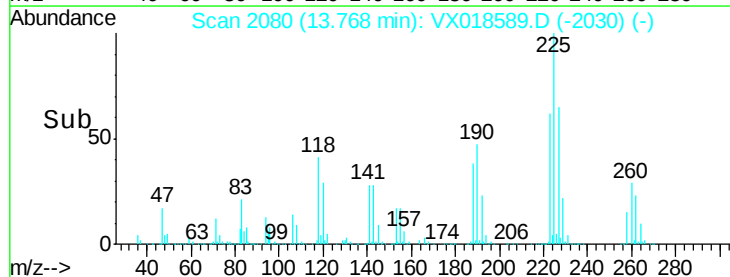
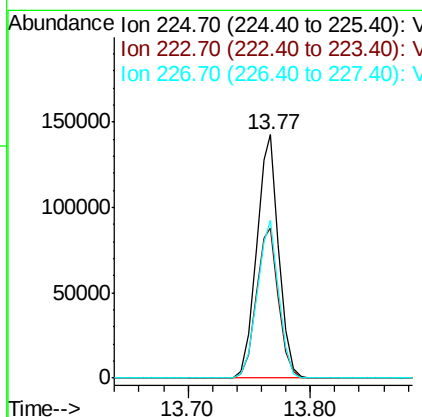
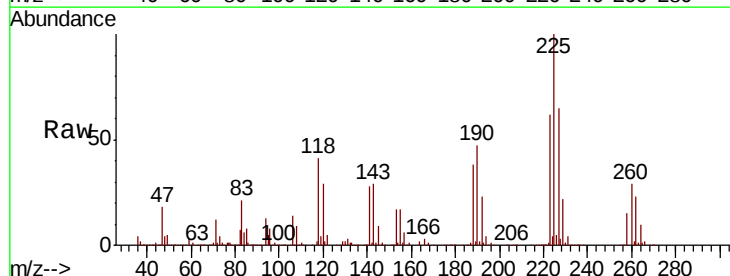
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

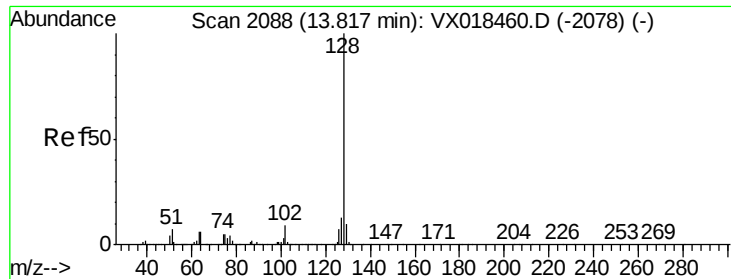
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	50.2	150.6
145	31.8	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 53.138 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.0	96.2
227	63.5	31.7	95.1

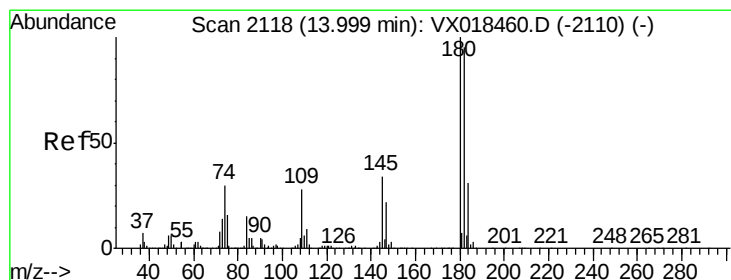
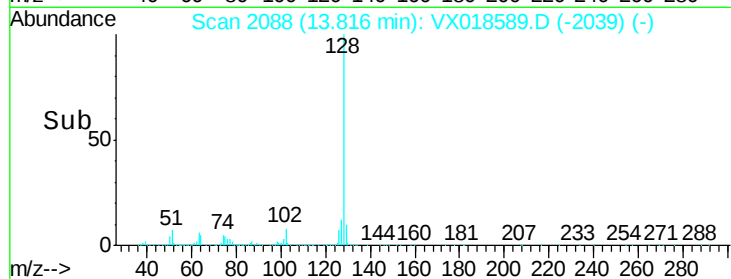
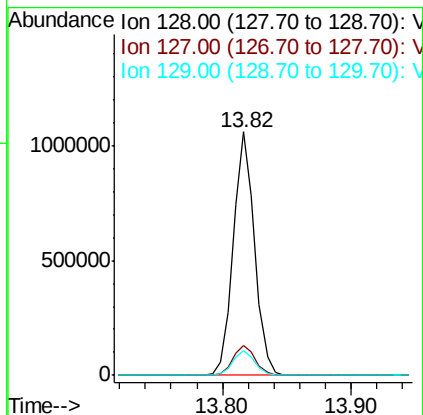
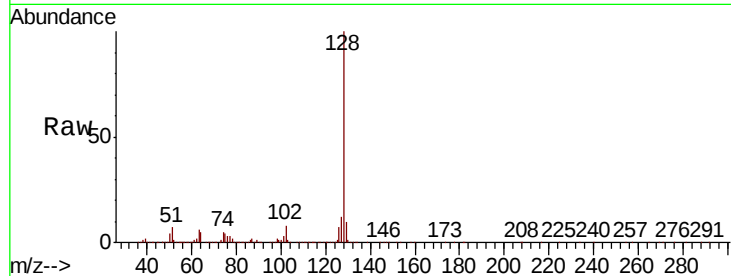




#95
Naphthalene
Concen: 50.496 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1220344
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.967 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion:180 Resp: 382130
Ion Ratio Lower Upper
180 100
182 93.2 47.1 141.3
145 33.7 16.8 50.4

