

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
 Data File : VX017560.D
 Acq On : 25 Jul 2020 00:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 25 04:09:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	569491	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	955573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	891173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	444209	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	406475	55.56	ug/l	0.00
Spiked Amount			Recovery	=	111.12%	
35) Dibromofluoromethane	5.46	113	323551	50.63	ug/l	-0.01
Spiked Amount			Recovery	=	101.26%	
50) Toluene-d8	8.70	98	1206279	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	11.12	95	470398	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	257922	48.792	ug/l	98
3) Chloromethane	1.31	50	343301	48.777	ug/l	99
4) Vinyl Chloride	1.39	62	329228	45.941	ug/l	98
5) Bromomethane	1.62	94	205689	53.621	ug/l	100
6) Chloroethane	1.71	64	201729	51.064	ug/l	97
7) Trichlorofluoromethane	1.92	101	458277	40.657	ug/l	99
8) Diethyl Ether	2.17	74	204359	56.087	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	244864	39.586	ug/l	96
10) Methyl Iodide	2.49	142	363618	45.949	ug/l	99
11) Tert butyl alcohol	3.01	59	384073	249.111	ug/l	100
12) 1,1-Dichloroethene	2.36	96	252630	42.948	ug/l	93
13) Acrolein	2.27	56	281051	238.947	ug/l	100
14) Allyl chloride	2.70	41	546317	50.864	ug/l	97
15) Acrylonitrile	3.11	53	900864	270.526	ug/l	100
16) Acetone	2.42	43	826949	256.836	ug/l	97
17) Carbon Disulfide	2.54	76	800454	44.771	ug/l	99
18) Methyl Acetate	2.75	43	414756	54.696	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1074054	52.754	ug/l	99
20) Methylene Chloride	2.83	84	348724	57.705	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	302967	48.078	ug/l	98
22) Diisopropyl ether	3.82	45	1091250	55.565	ug/l	# 83
23) Vinyl Acetate	3.78	43	4898258	279.729	ug/l	99
24) 1,1-Dichloroethane	3.67	63	573320	50.677	ug/l	99
25) 2-Butanone	4.63	43	1267346	277.077	ug/l	99
26) 2,2-Dichloropropane	4.54	77	388488	38.362	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	362090	52.903	ug/l	97
28) Bromochloromethane	4.98	49	272209	53.096	ug/l	99
29) Tetrahydrofuran	5.09	42	817209	288.436	ug/l	99
30) Chloroform	5.17	83	613238	53.050	ug/l	99
31) Cyclohexane	5.54	56	413214	45.802	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	502898	46.135	ug/l	100
36) 1,1-Dichloropropene	5.76	75	413141	45.079	ug/l	100
37) Ethyl Acetate	4.79	43	498465	49.709	ug/l	99
38) Carbon Tetrachloride	5.75	117	465819	41.855	ug/l	93

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 VSTDCCC050

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	434461	40.609	ug/l	99
40) Benzene	6.11	78	1318471	50.179	ug/l	100
41) Methacrylonitrile	5.00	41	282414	49.134	ug/l	96
42) 1,2-Dichloroethane	6.16	62	539675	50.206	ug/l	98
43) Isopropyl Acetate	6.40	43	814949	49.256	ug/l	99
44) Trichloroethene	7.18	130	376788	49.069	ug/l	98
45) 1,2-Dichloropropane	7.49	63	357686	49.107	ug/l	99
46) Dibromomethane	7.64	93	238765	46.384	ug/l	100
47) Bromodichloromethane	7.87	83	514909	49.713	ug/l	96
48) Methyl methacrylate	7.74	41	391019	47.678	ug/l	99
49) 1,4-Dioxane	7.71	88	151270	962.046	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2448614	248.040	ug/l	100
52) Toluene	8.76	92	847582	50.300	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	594448	51.270	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	528521	44.690	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	382288	54.460	ug/l	99
56) Ethyl methacrylate	9.16	69	591506	55.931	ug/l	98
57) 1,3-Dichloropropane	9.35	76	626586	54.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1328547	238.446	ug/l	99
59) 2-Hexanone	9.47	43	2115892	284.685	ug/l	99
60) Dibromochloromethane	9.57	129	455782	51.085	ug/l	100
61) 1,2-Dibromoethane	9.65	107	406078	54.336	ug/l	98
64) Tetrachloroethene	9.32	164	362109	45.272	ug/l	95
65) Chlorobenzene	10.12	112	906679	47.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	368358	47.316	ug/l	99
67) Ethyl Benzene	10.23	91	1496024	46.461	ug/l	98
68) m/p-Xylenes	10.34	106	1132972	90.826	ug/l	99
69) o-Xylene	10.68	106	528376	44.042	ug/l	100
70) Styrene	10.70	104	961531	47.106	ug/l	98
71) Bromoform	10.84	173	339028	50.265	ug/l #	98
73) Isopropylbenzene	11.00	105	1434945	47.088	ug/l	99
74) N-amyl acetate	10.88	43	751212	55.483	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	489040	51.414	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	632363	69.205	ug/l	82
77) Bromobenzene	11.24	156	410802	48.153	ug/l	98
78) n-propylbenzene	11.34	91	1751727	50.968	ug/l	99
79) 2-Chlorotoluene	11.40	91	1046609	49.159	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1259673	48.414	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	188351	51.940	ug/l	99
82) 4-Chlorotoluene	11.49	91	1204556	47.963	ug/l	100
83) tert-Butylbenzene	11.76	119	1166920	46.871	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1263994	48.843	ug/l	100
85) sec-Butylbenzene	11.93	105	1349724	46.539	ug/l	99
86) p-Isopropyltoluene	12.05	119	1289599	46.693	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	702484	47.951	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	706660	46.568	ug/l	99
89) n-Butylbenzene	12.37	91	1108478	45.042	ug/l	99
90) Hexachloroethane	12.58	117	274218	50.361	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	675155	46.891	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	126180	47.067	ug/l	99

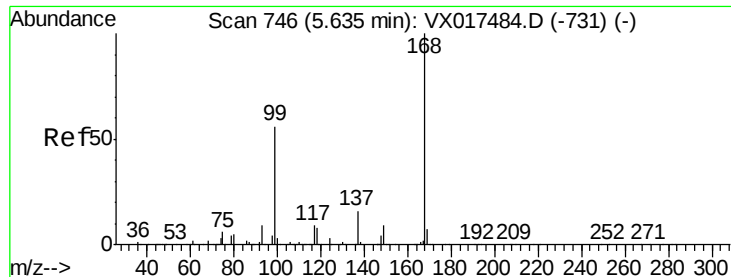
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
Data File : VX017560.D
Acq On : 25 Jul 2020 00:33
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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	515286	52.437	ug/l	99
94) Hexachlorobutadiene	13.77	225	204050	45.109	ug/l	96
95) Naphthalene	13.82	128	1712128	58.365	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	545585	56.229	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: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

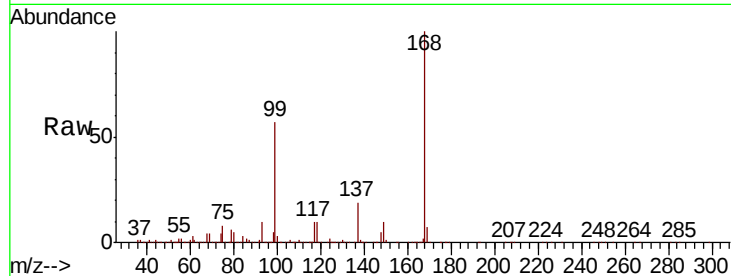
VSTDCCC050

Tot Ion:168 Resp: 569491

Ion Ratio Lower Upper

168 100

99 57.1 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.62

200000

150000

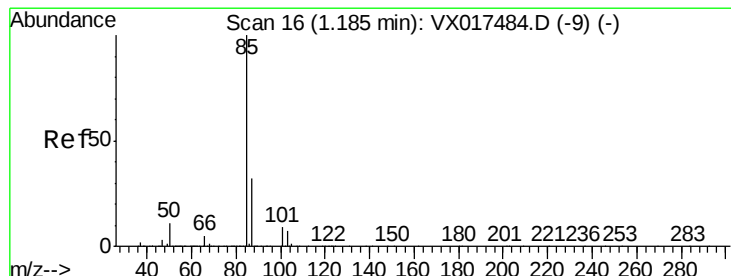
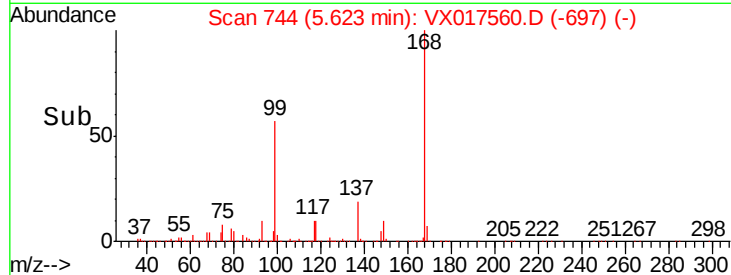
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.792 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017560.D

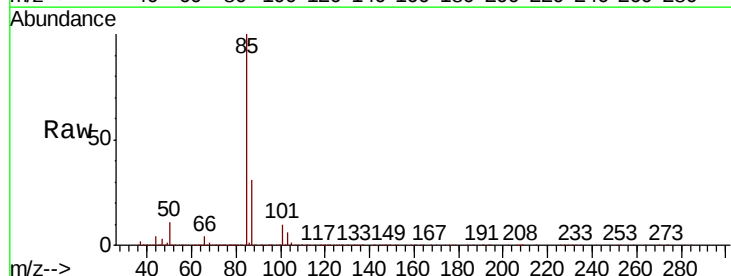
Acq: 25 Jul 2020 00:33

Tgt Ion: 85 Resp: 257922

Ion Ratio Lower Upper

85 100

87 31.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

150000

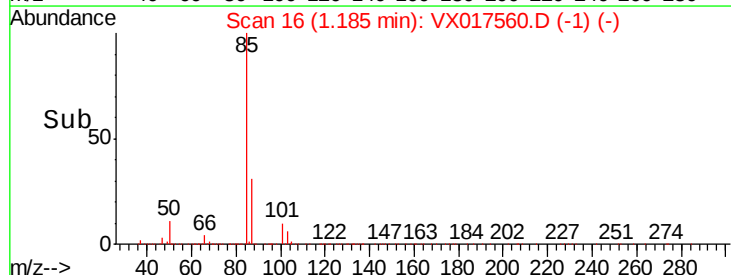
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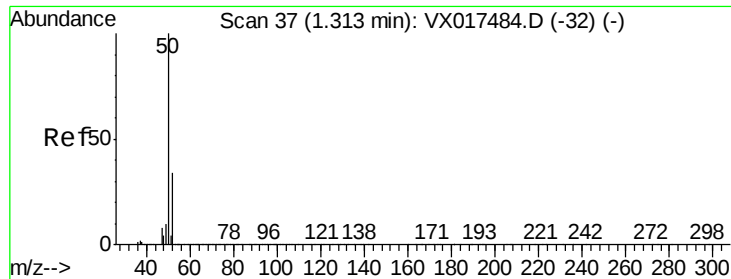
50000

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1.10 1.15 1.20 1.25 1.30

Time-->

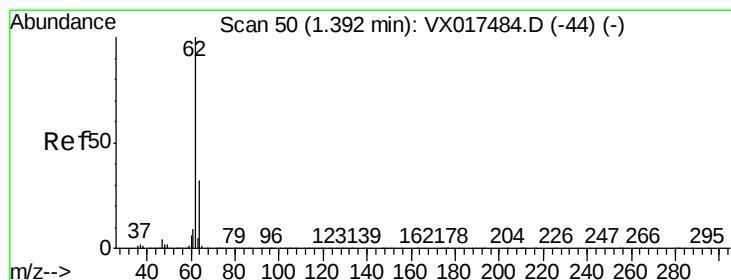
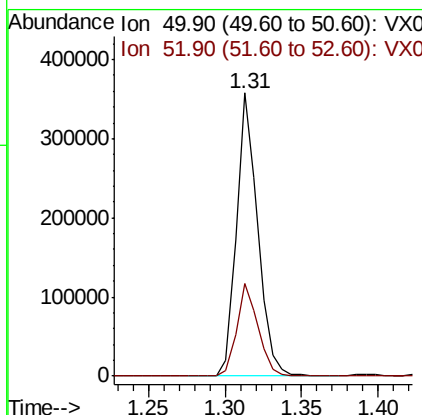
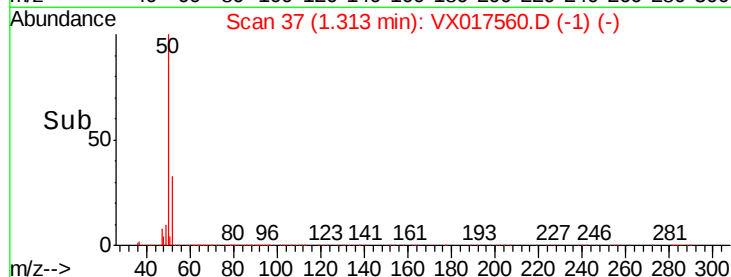
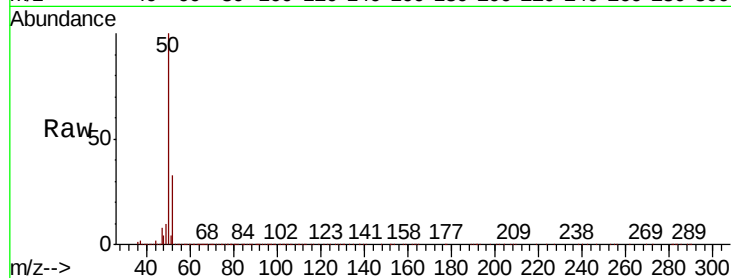




#3
Chloromethane
Concen: 48.777 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

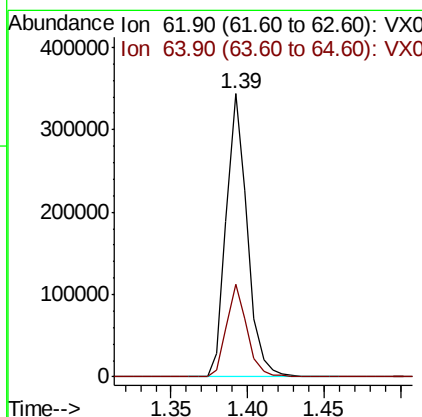
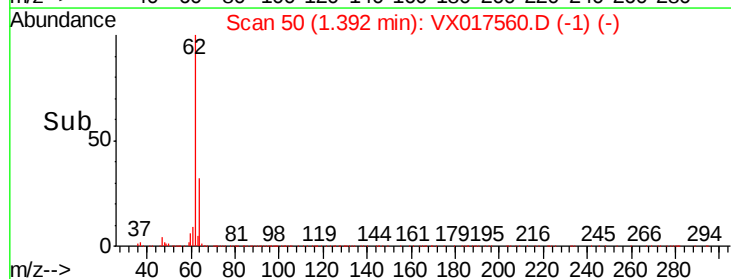
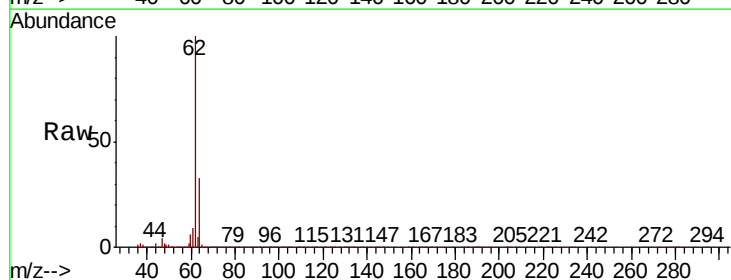
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

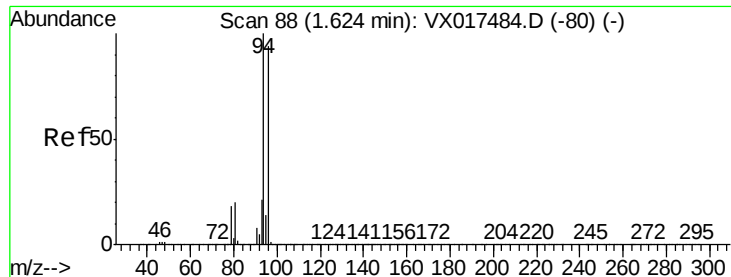
Tot Ion: 50 Resp: 343301
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9



#4
Vinyl Chloride
Concen: 45.941 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 62 Resp: 329228
Ion Ratio Lower Upper
62 100
64 32.5 25.2 37.8





#5

Bromomethane

Concen: 53.621 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

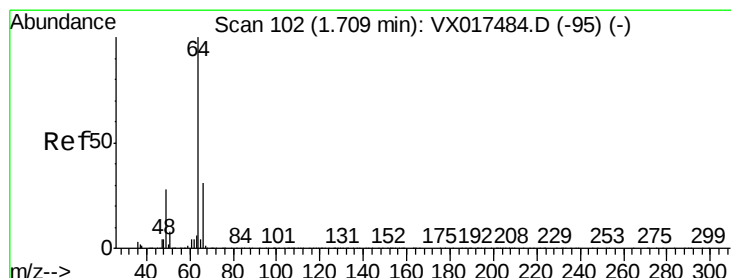
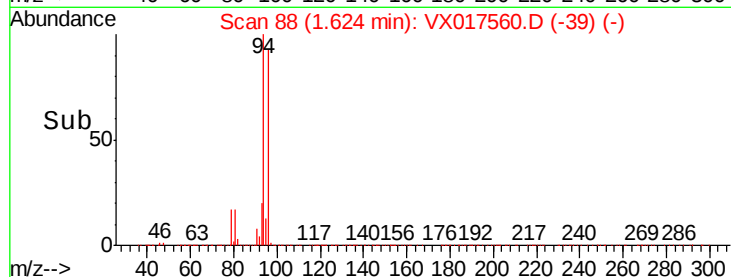
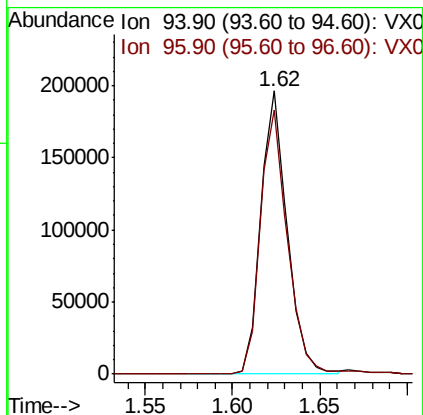
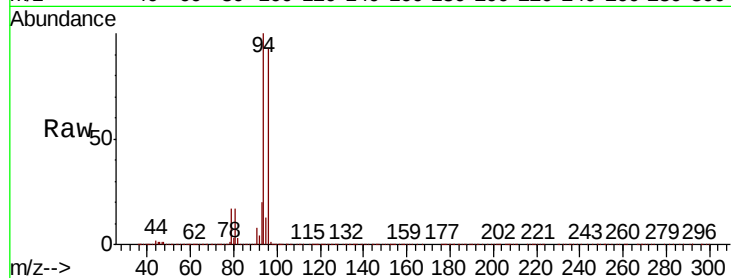
VSTDCCC050

Tot Ion: 94 Resp: 205689

Ion Ratio Lower Upper

94 100

96 93.1 74.1 111.1



#6

Chloroethane

Concen: 51.064 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017560.D

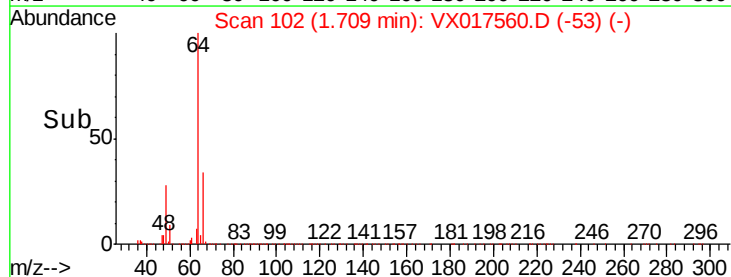
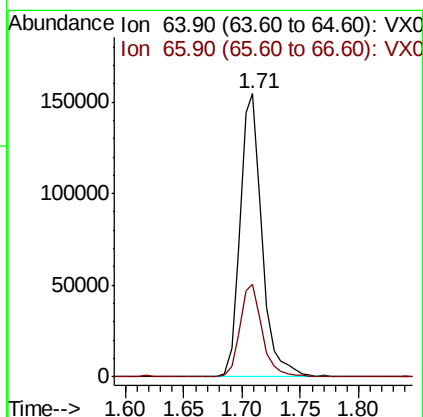
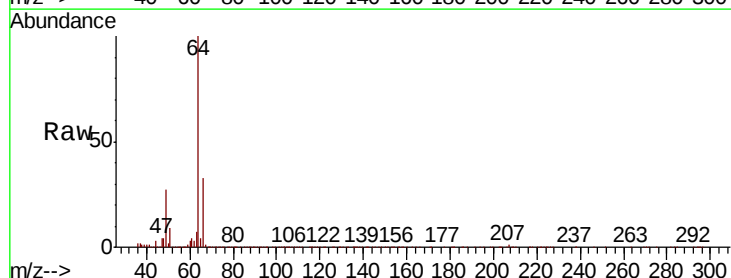
Acq: 25 Jul 2020 00:33

Tgt Ion: 64 Resp: 201729

Ion Ratio Lower Upper

64 100

66 32.5 24.9 37.3



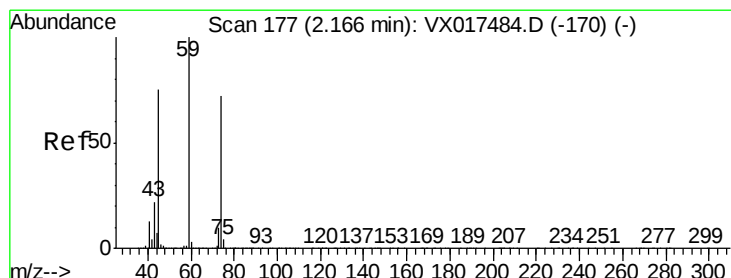
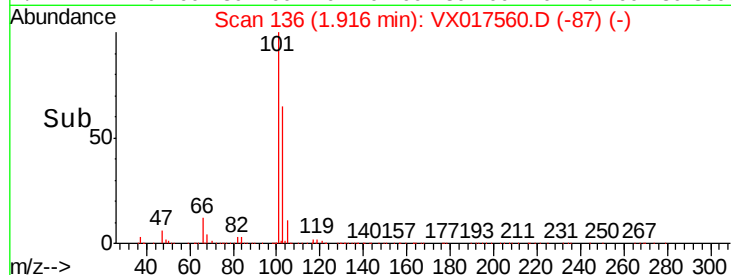
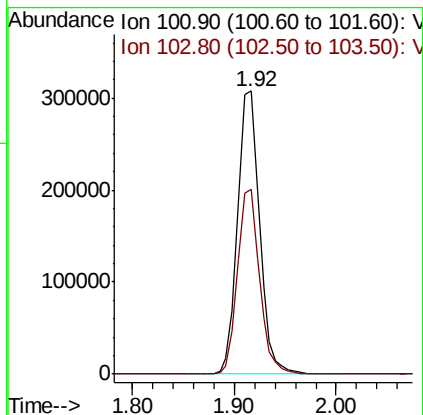
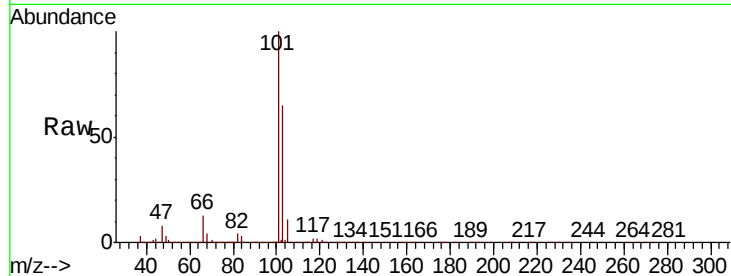


#7

Trichlorofluoromethane
Concen: 40.657 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

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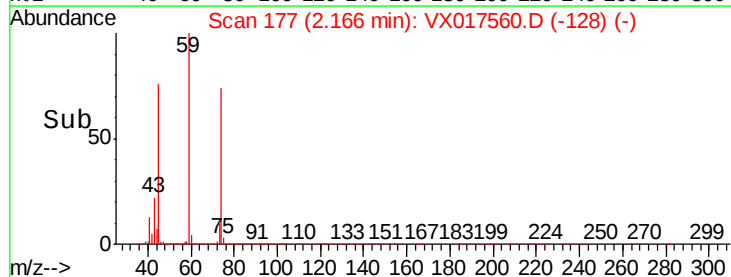
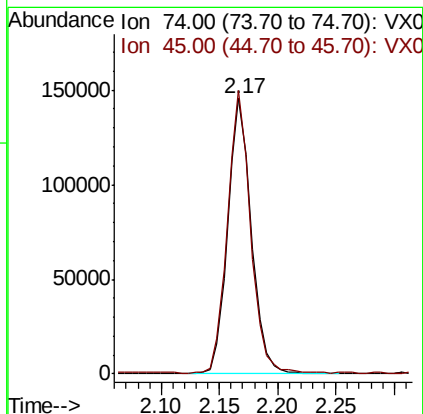
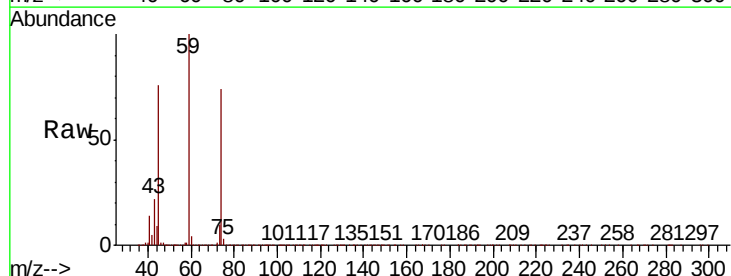
Tot Ion:101 Resp: 458277
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

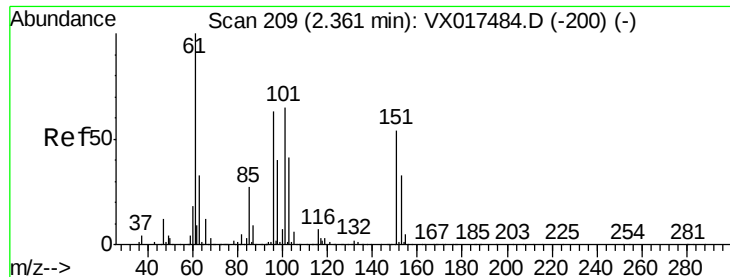


#8

Diethyl Ether
Concen: 56.087 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 74 Resp: 204359
Ion Ratio Lower Upper
74 100
45 100.4 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.586 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

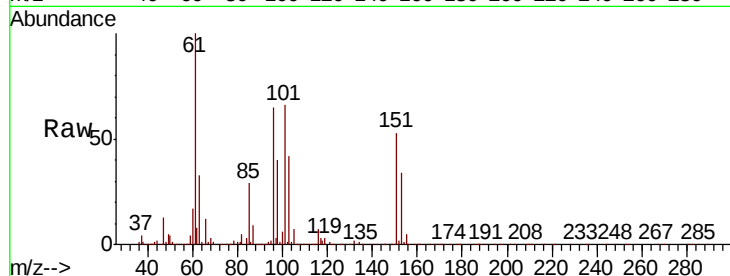
Tot Ion:101 Resp: 244864

Ion Ratio Lower Upper

101 100

85 43.0 34.8 52.2

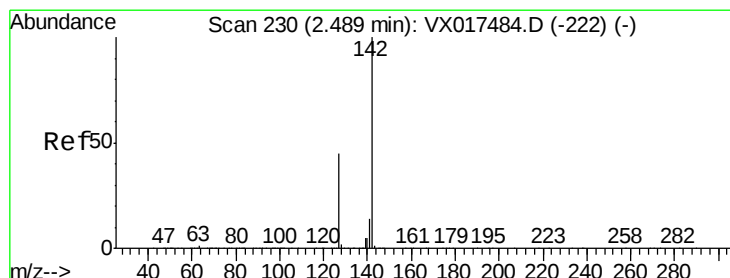
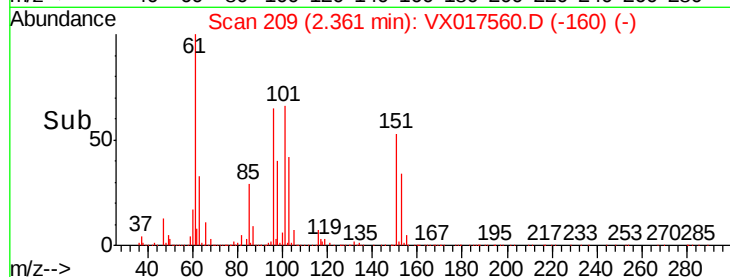
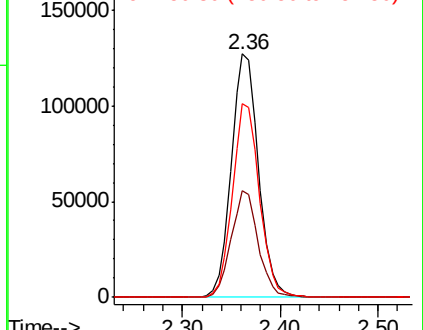
151 79.4 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.949 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

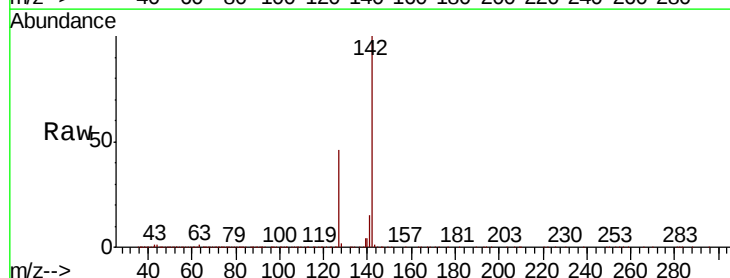
Tgt Ion:142 Resp: 363618

Ion Ratio Lower Upper

142 100

127 45.6 35.9 53.9

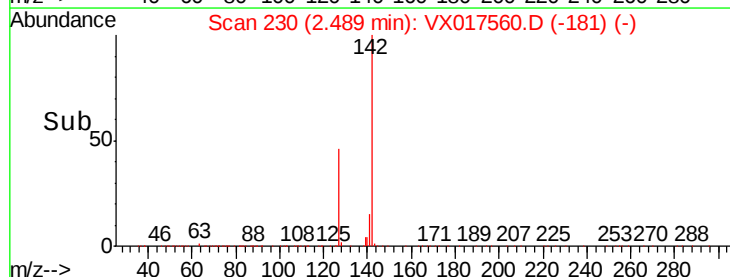
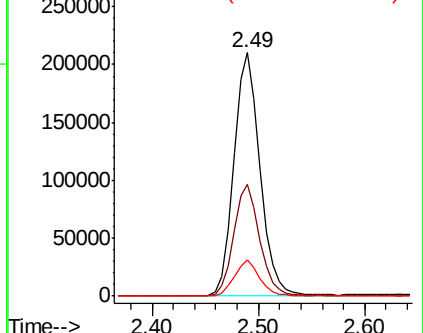
141 14.4 11.4 17.0

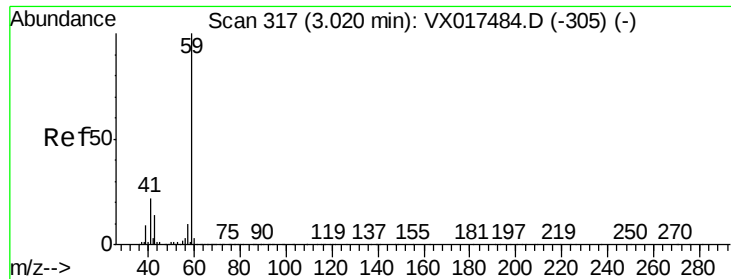


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

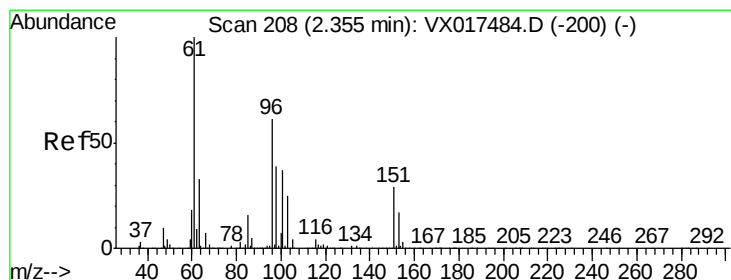
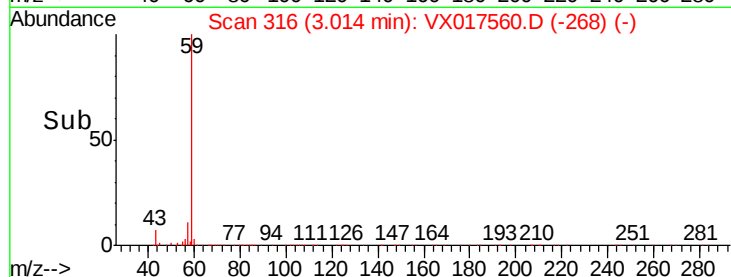
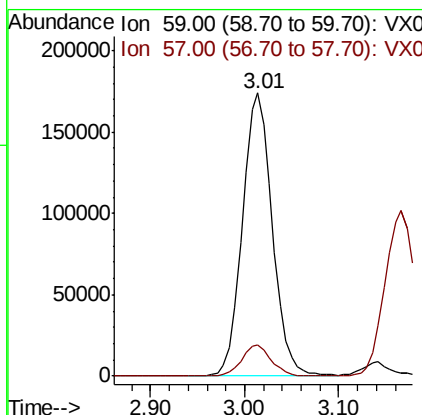
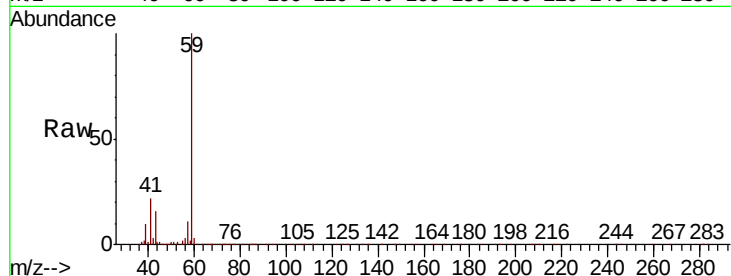




#11
Tert butyl alcohol
Concen: 249.111 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

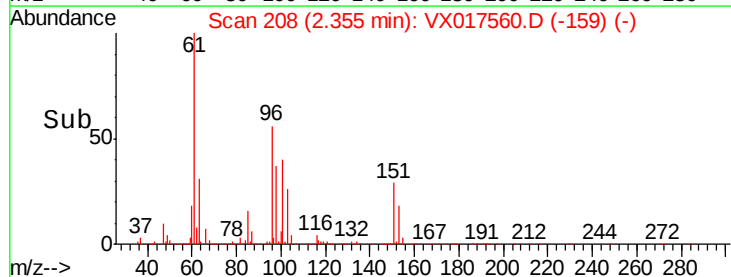
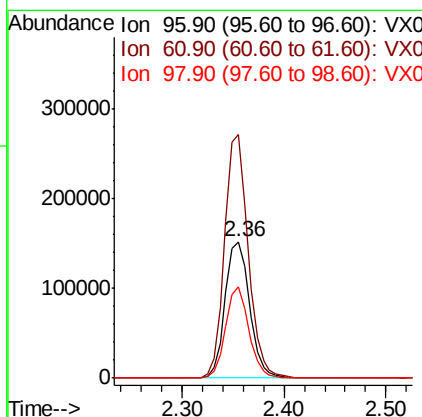
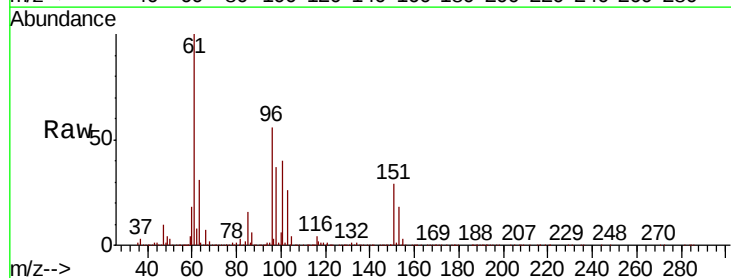
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

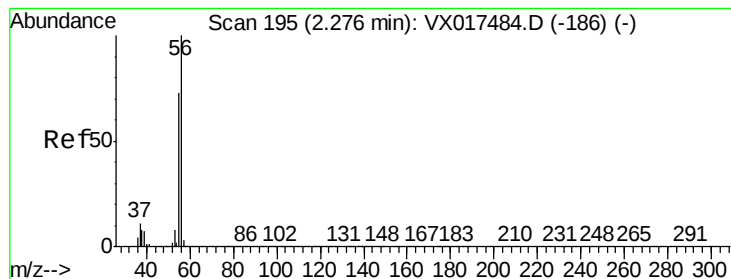
Tot Ion: 59 Resp: 384073
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 42.948 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 96 Resp: 252630
Ion Ratio Lower Upper
96 100
61 178.6 134.0 201.0
98 66.7 51.0 76.4





#13

Acrolein

Concen: 238.947 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

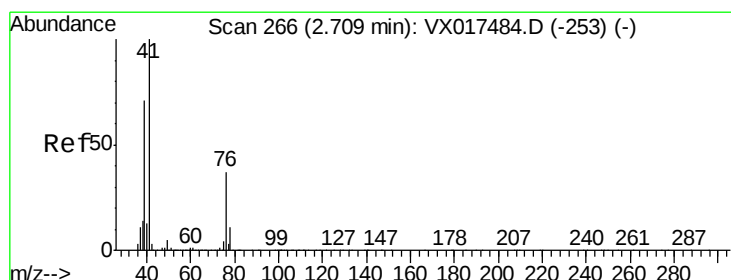
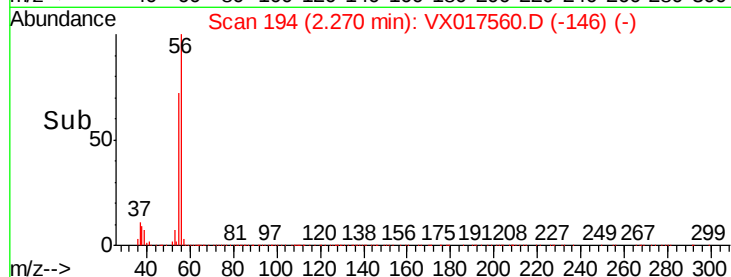
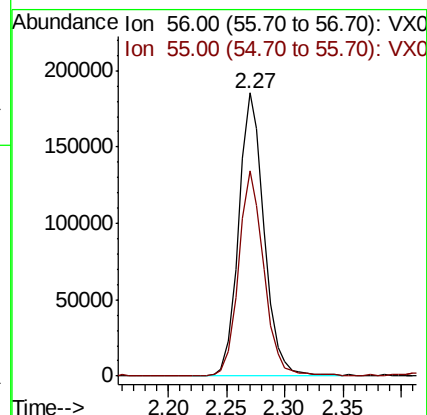
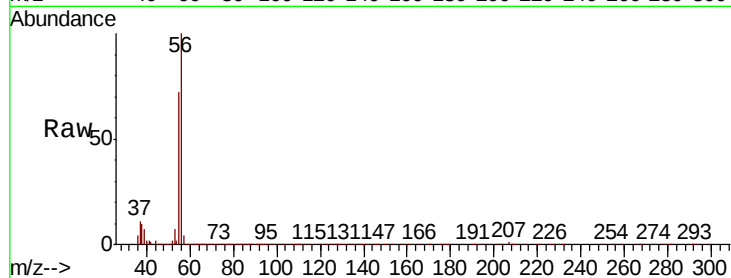
VSTDCCC050

Tot Ion: 56 Resp: 281051

Ion Ratio Lower Upper

56 100

55 71.6 57.4 86.2



#14

Allyl chloride

Concen: 50.864 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

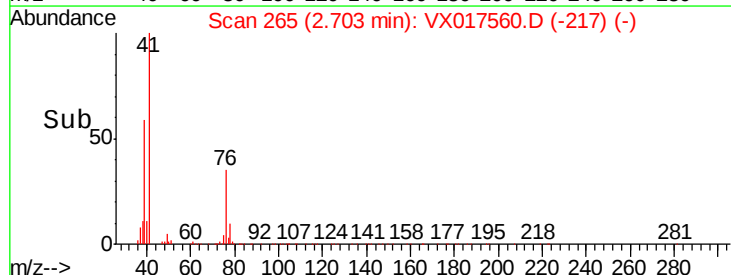
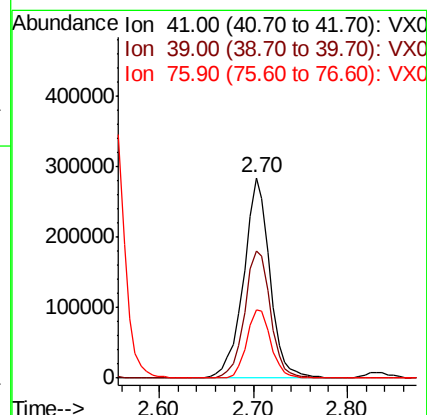
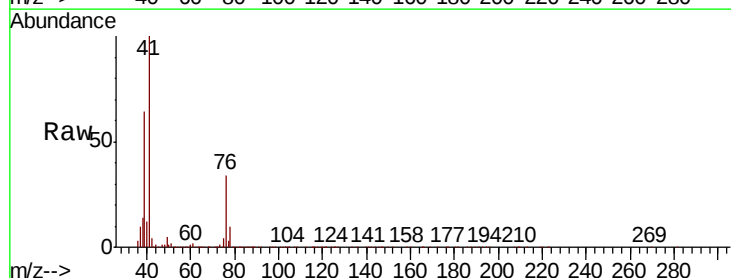
Tgt Ion: 41 Resp: 546317

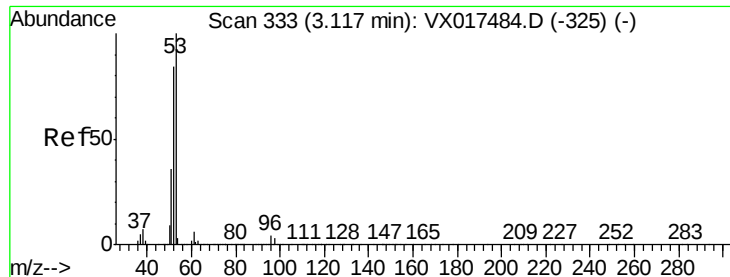
Ion Ratio Lower Upper

41 100

39 62.1 51.9 77.9

76 31.6 25.5 38.3

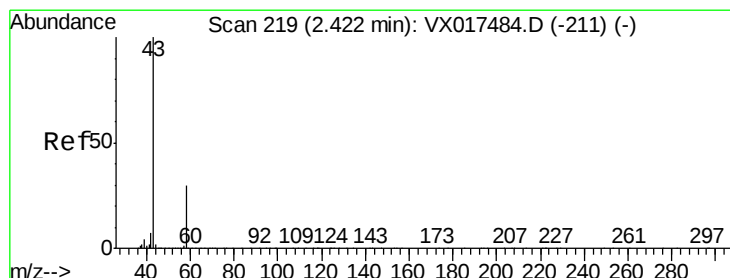
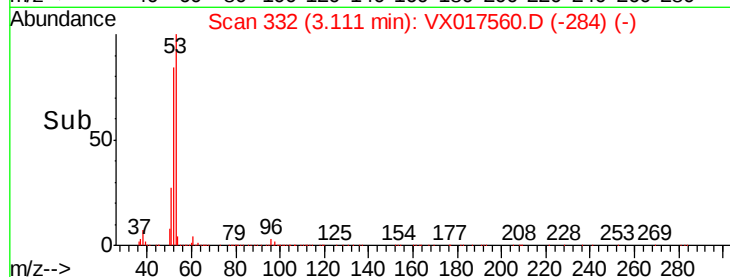
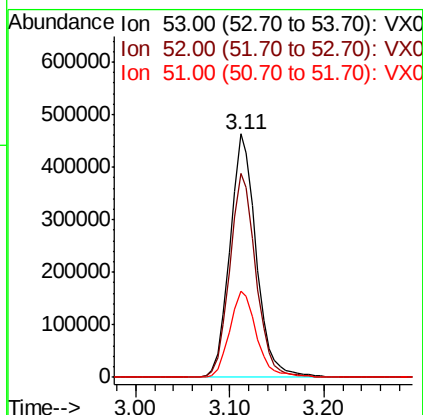
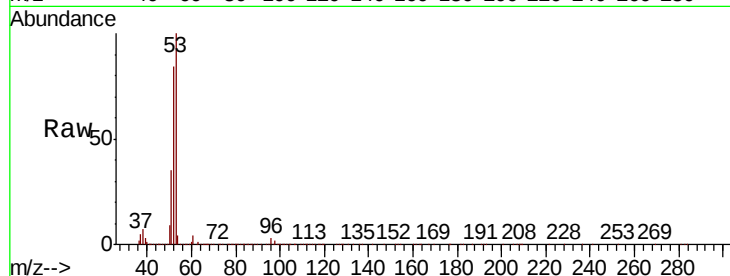




#15
 Acrylonitrile
 Concen: 270.526 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

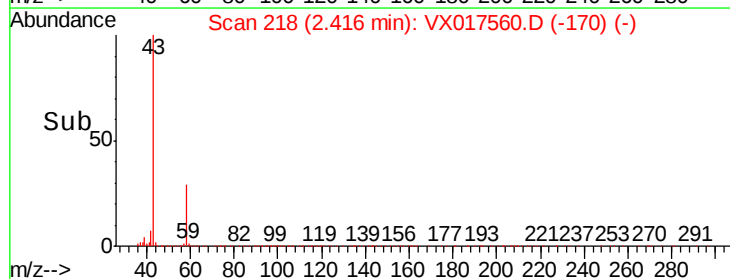
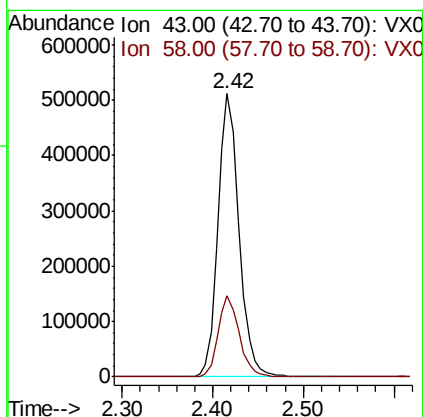
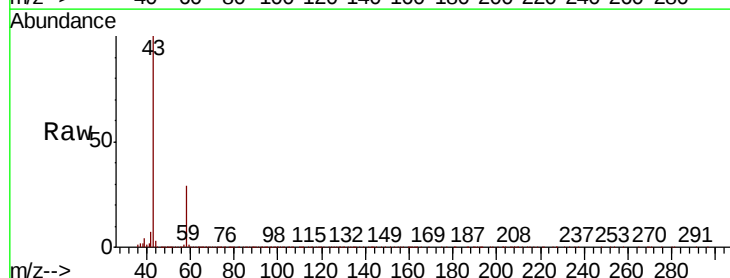
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

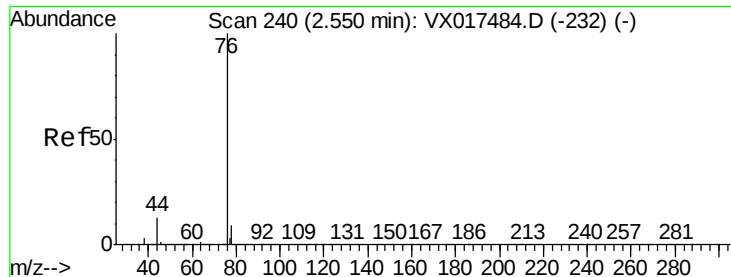
Tot Ion:	53	Resp:	900864
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.6	99.8
51	36.2	29.4	44.2



#16
 Acetone
 Concen: 256.836 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion:	43	Resp:	826949
Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.2	36.4





#17

Carbon Disulfide

Concen: 44.771 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

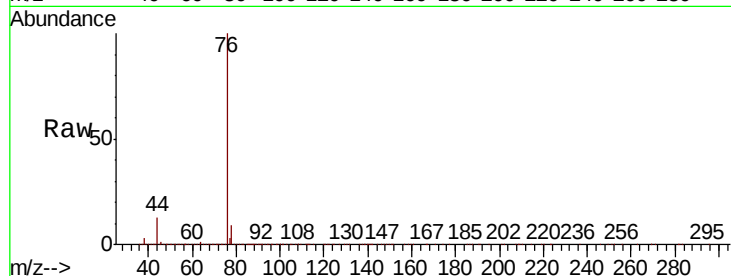
VSTDCCC050

Tot Ion: 76 Resp: 800454

Ion Ratio Lower Upper

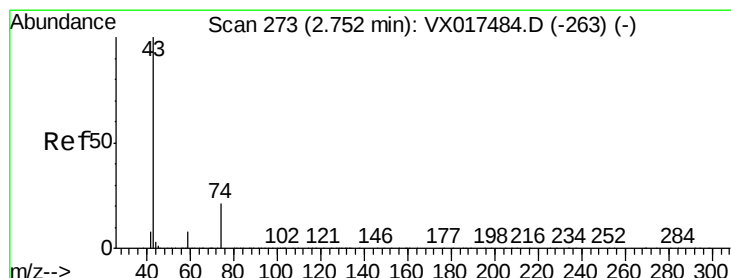
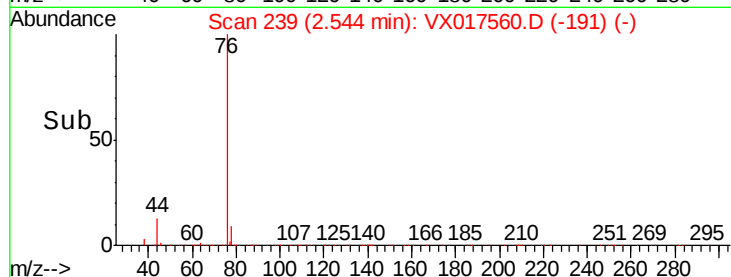
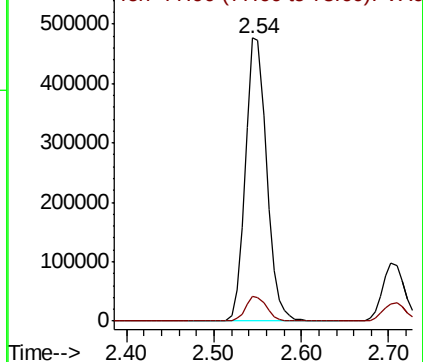
76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.696 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017560.D

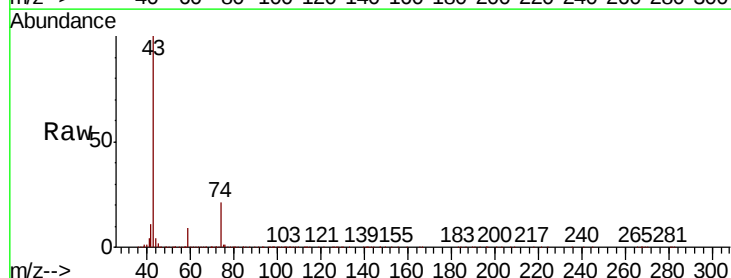
Acq: 25 Jul 2020 00:33

Tgt Ion: 43 Resp: 414756

Ion Ratio Lower Upper

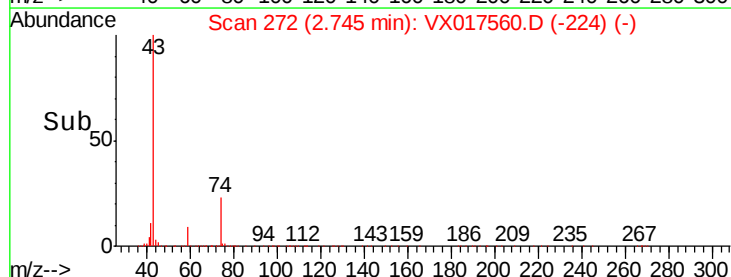
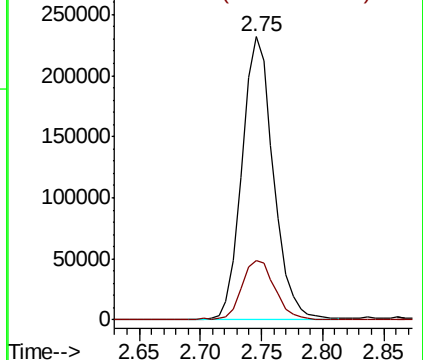
43 100

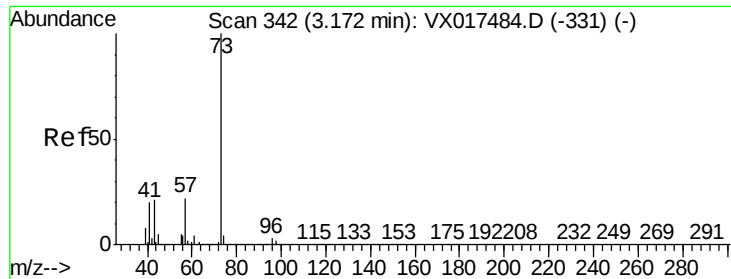
74 22.4 17.5 26.3



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: 52.754 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

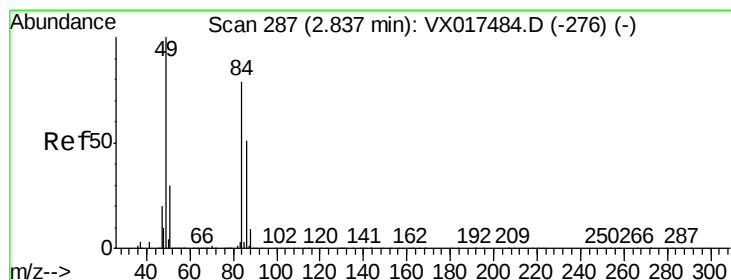
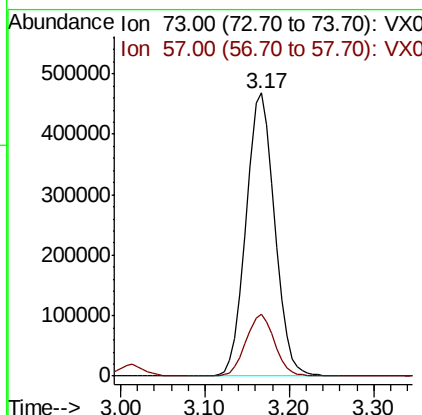
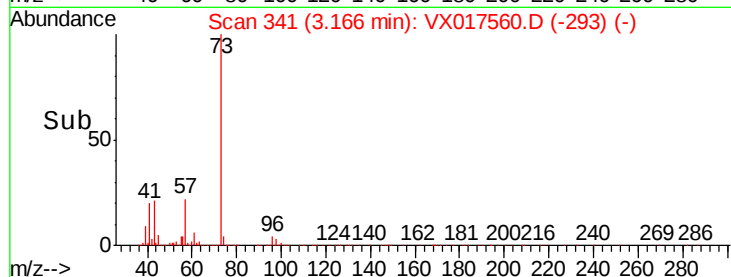
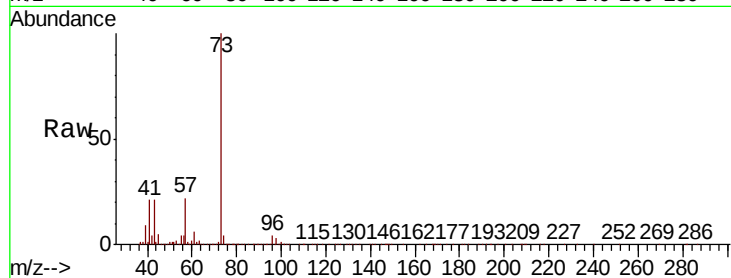
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 73 Resp: 1074054

Ion Ratio Lower Upper

73 100

57 21.6 17.0 25.4



#20

Methylene Chloride
 Concen: 57.705 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion: 84 Resp: 348724

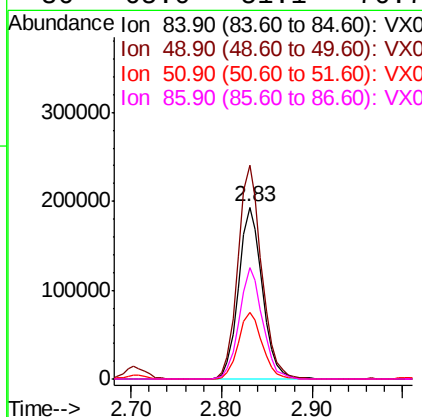
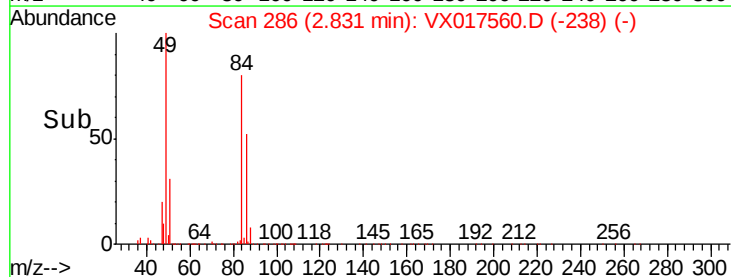
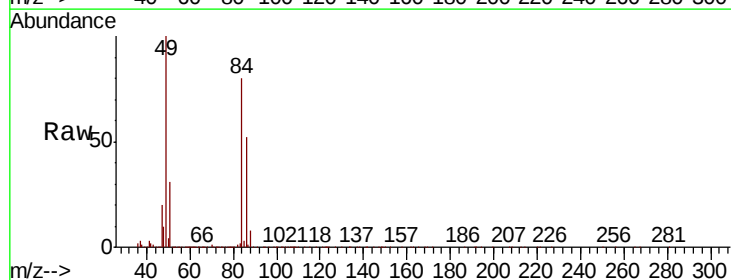
Ion Ratio Lower Upper

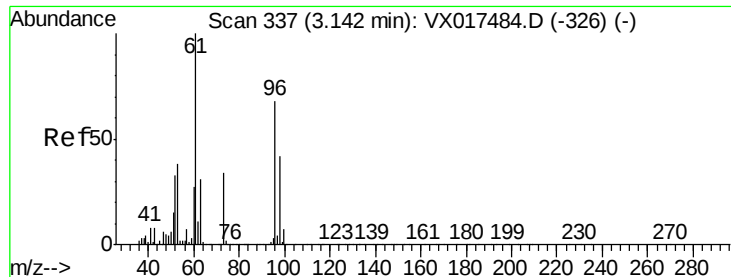
84 100

49 124.4 100.3 150.5

51 38.9 30.5 45.7

86 65.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.078 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

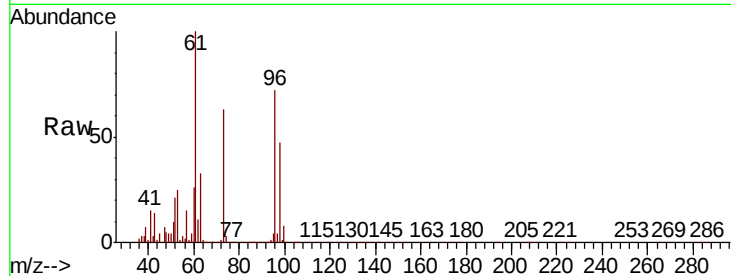
Tot Ion: 96 Resp: 302967

Ion Ratio Lower Upper

96 100

61 138.7 113.0 169.4

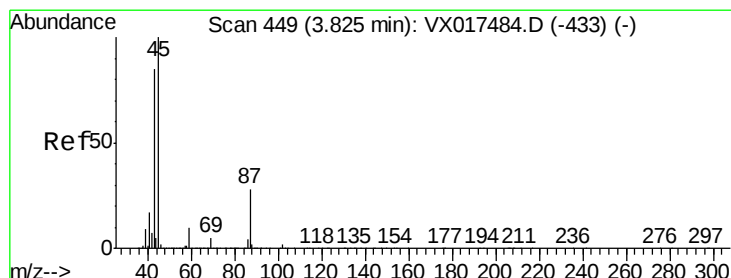
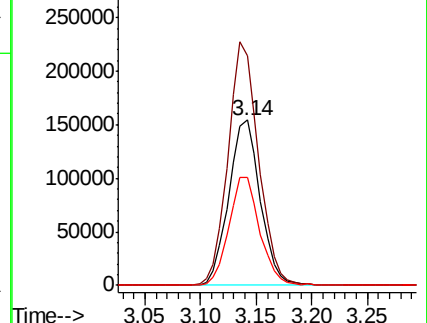
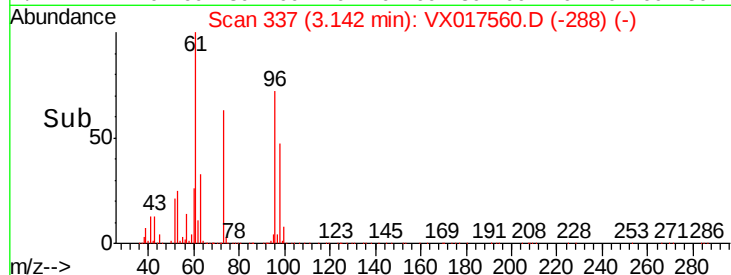
98 65.3 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.565 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Tgt Ion: 45 Resp: 1091250

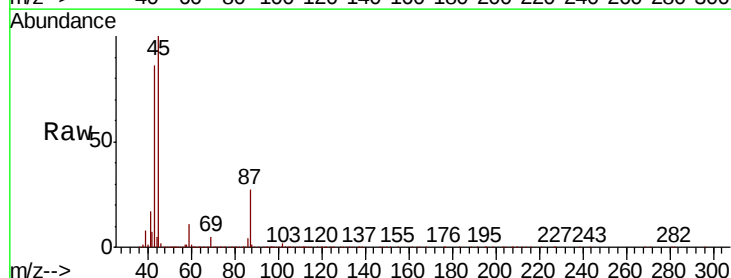
Ion Ratio Lower Upper

45 100

43 85.6 52.0 78.0#

87 27.1 22.2 33.4

59 11.3 8.9 13.3

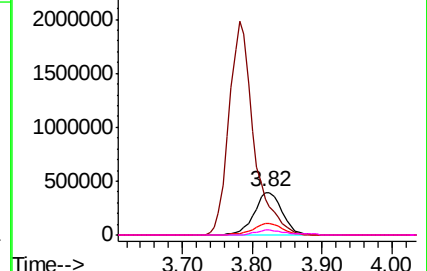
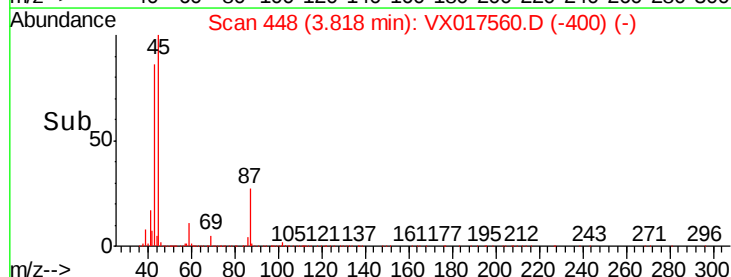


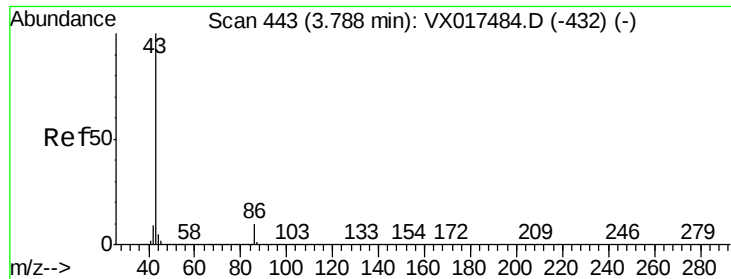
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 279.729 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

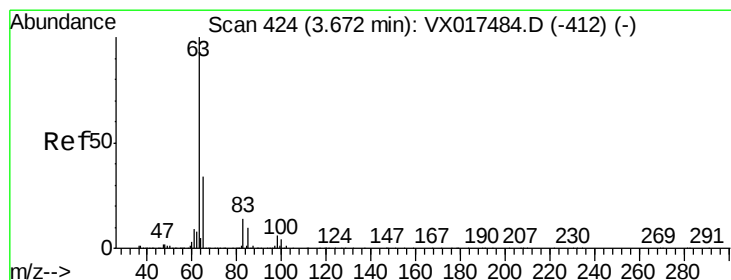
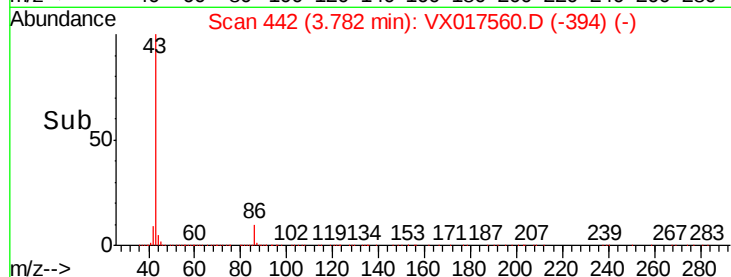
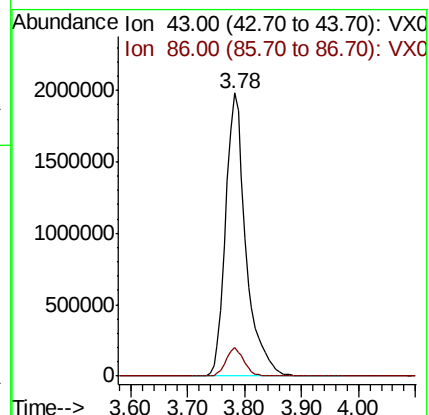
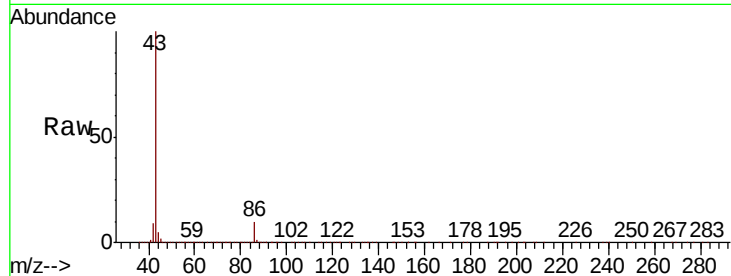
VSTDCCC050

Tot Ion: 43 Resp: 4898258

Ion Ratio Lower Upper

43 100

86 10.0 8.2 12.4



#24

1,1-Dichloroethane

Concen: 50.677 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

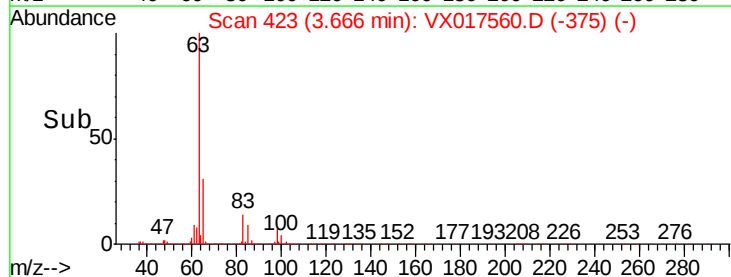
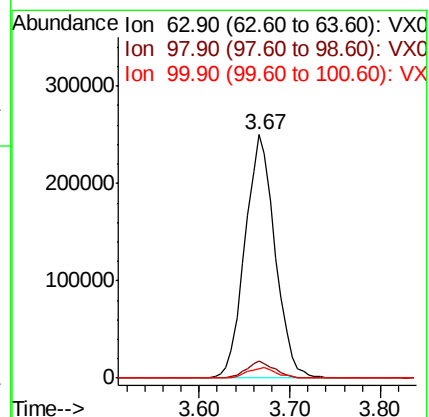
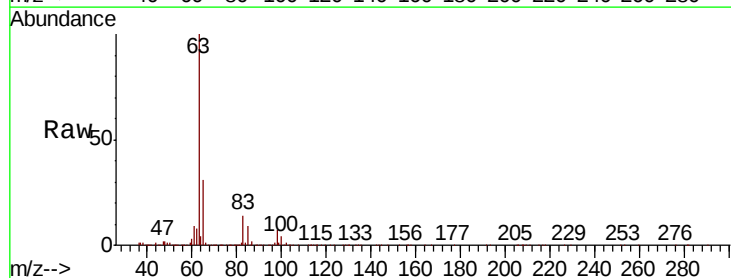
Tgt Ion: 63 Resp: 573320

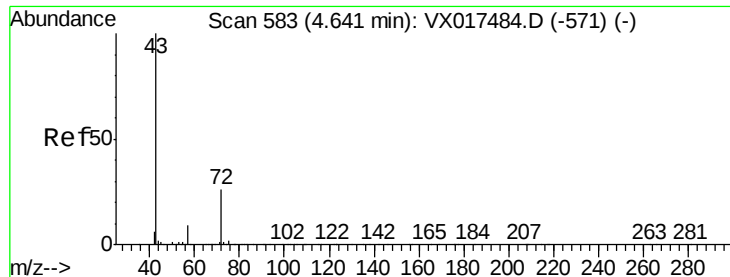
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.0 1.9 5.7

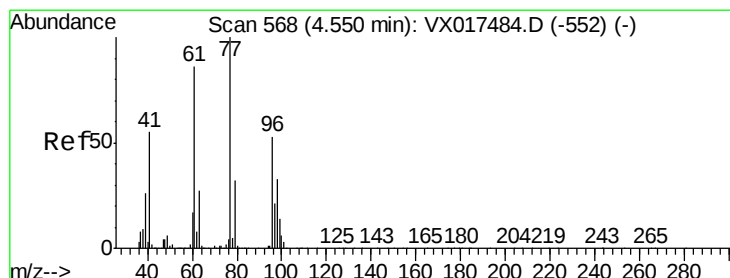
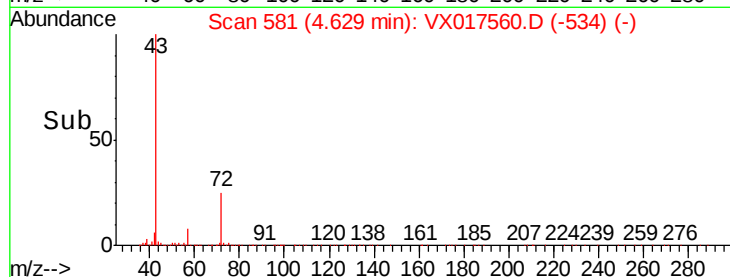
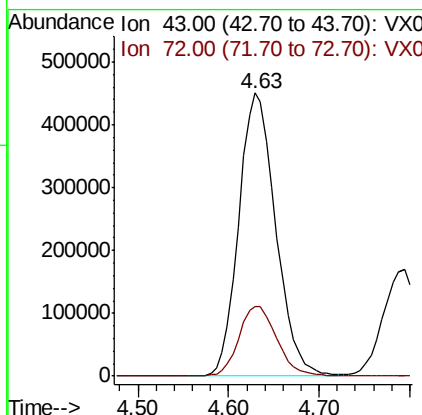
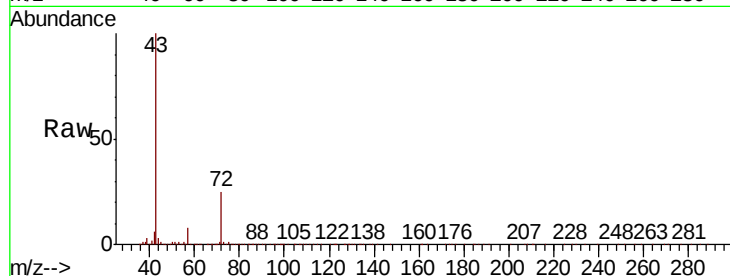




#25
2-Butanone
Concen: 277.077 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

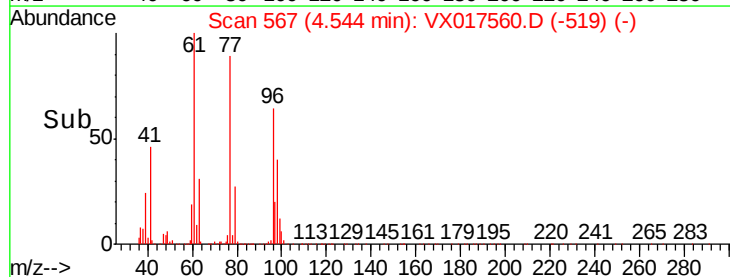
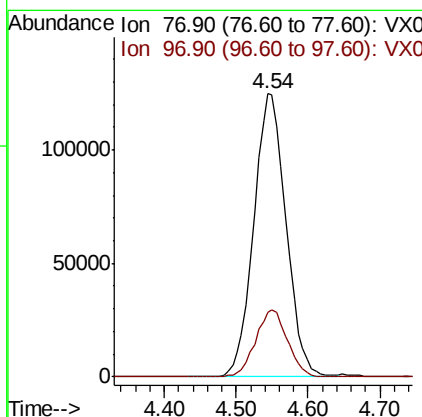
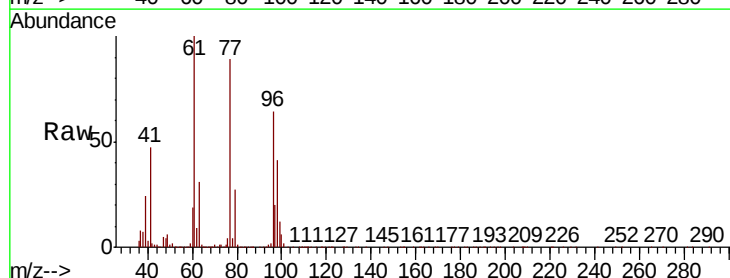
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

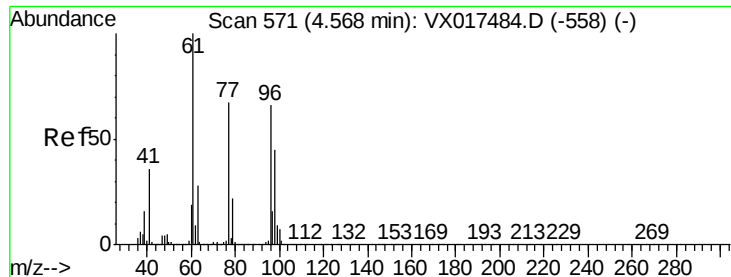
Tot Ion: 43 Resp: 1267346
Ion Ratio Lower Upper
43 100
72 24.4 19.0 28.4



#26
2,2-Dichloropropane
Concen: 38.362 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 77 Resp: 388488
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.9



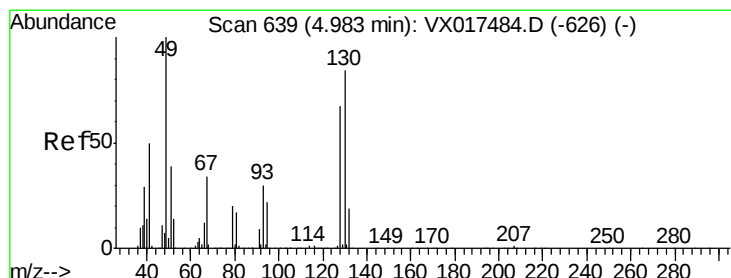
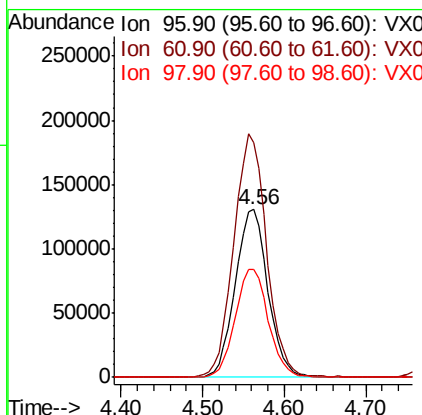
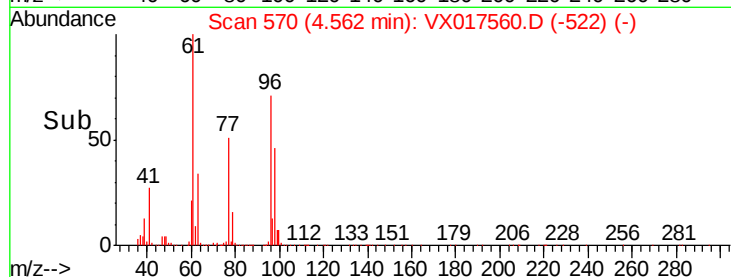
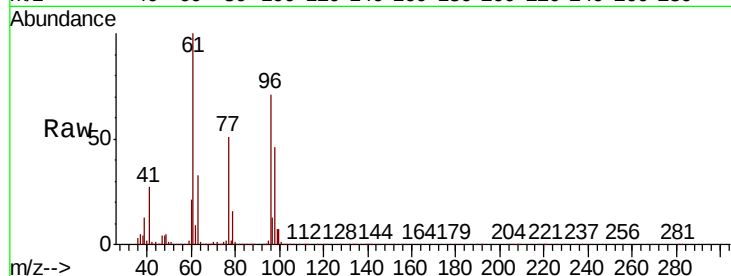


#27

cis-1,2-Dichloroethene
Concen: 52.903 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

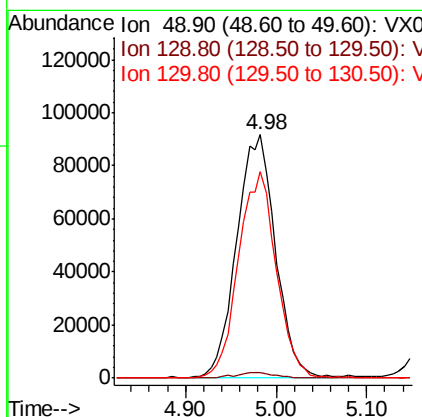
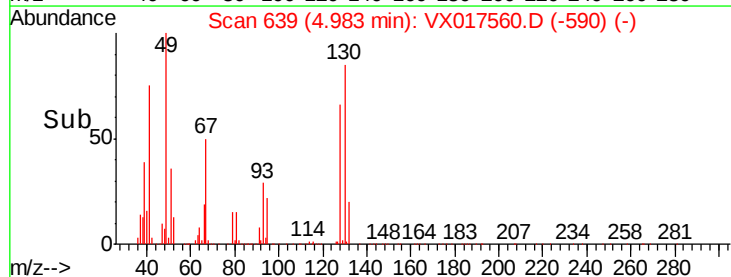
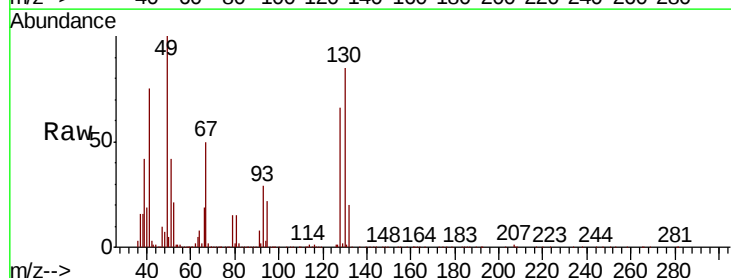
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	301.2
98	65.2	0.0	130.0

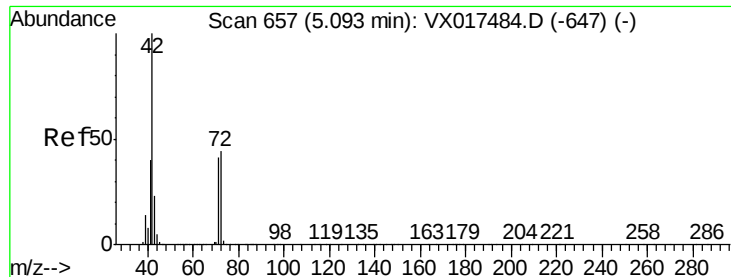


#28

Bromochloromethane
Concen: 53.096 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	82.9	66.7	100.1

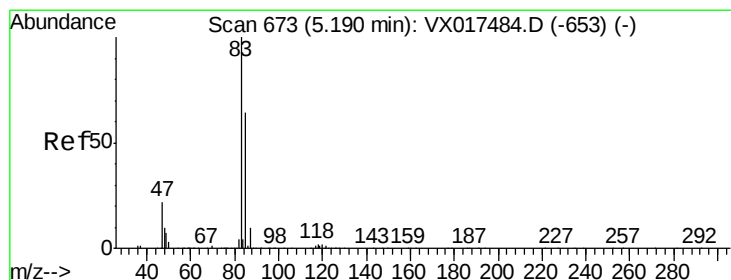
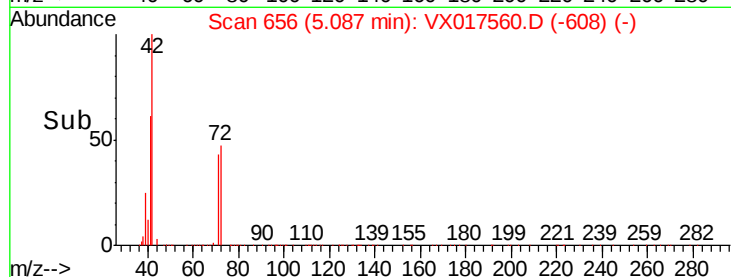
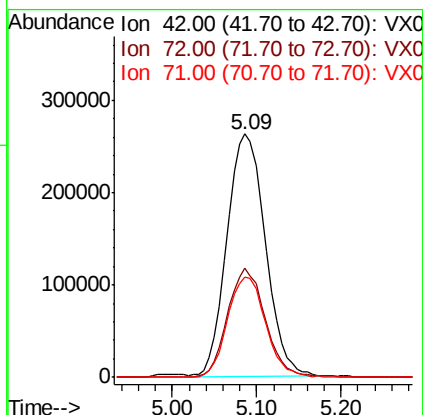
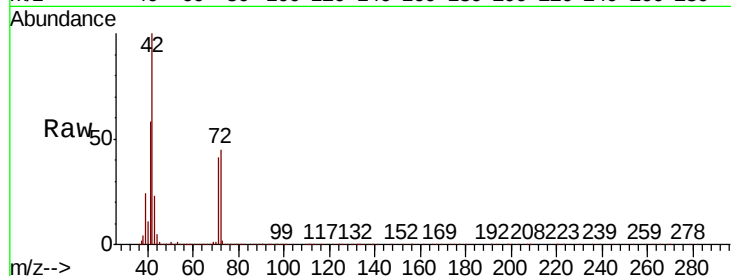




#29
Tetrahydrofuran
Concen: 288.436 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

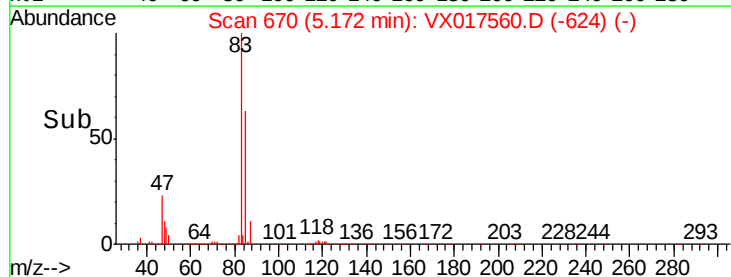
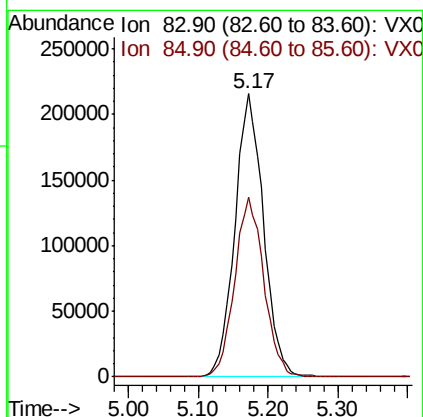
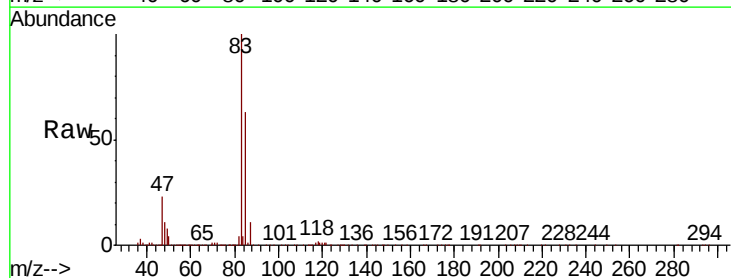
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

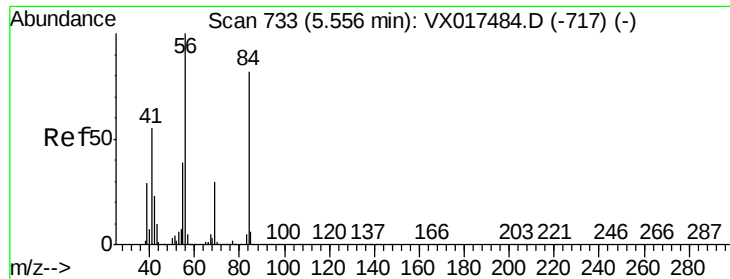
Tot Ion: 42 Resp: 817209
Ion Ratio Lower Upper
42 100
72 44.0 35.5 53.3
71 40.9 33.0 49.4



#30
Chloroform
Concen: 53.050 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 83 Resp: 613238
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.2

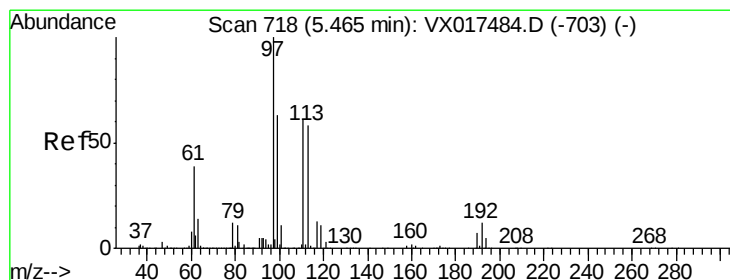
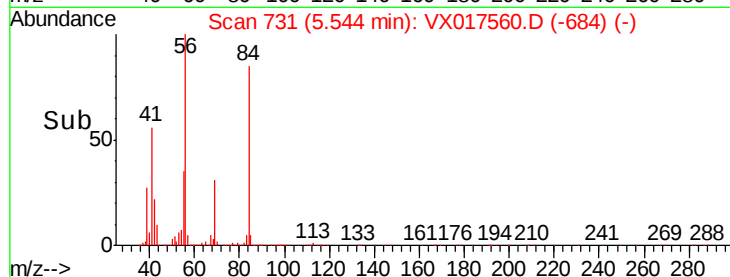
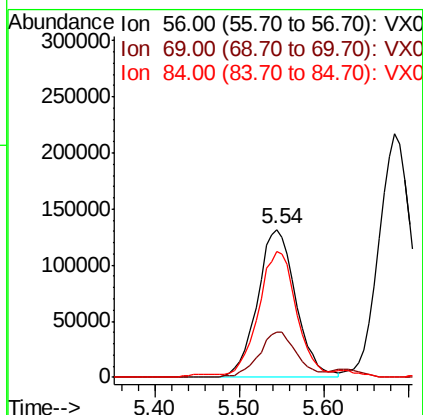
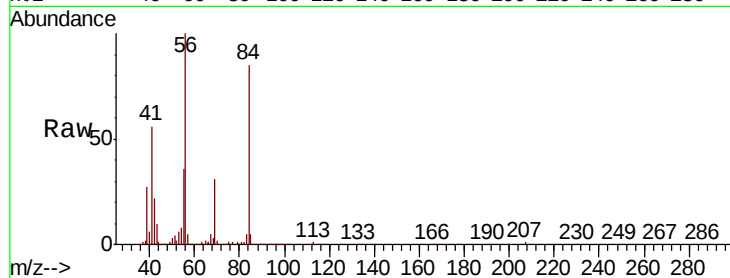




#31
Cyclohexane
Concen: 45.802 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

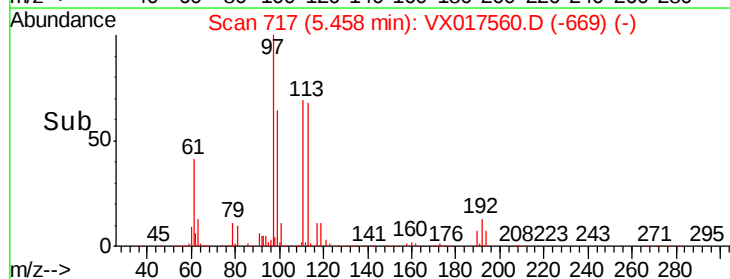
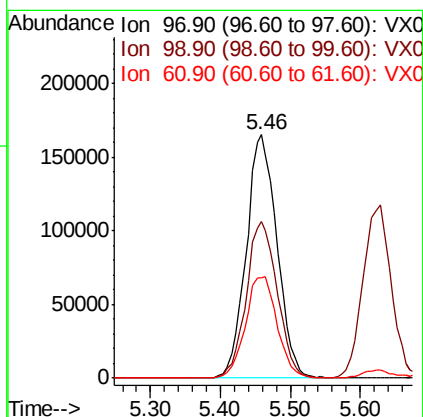
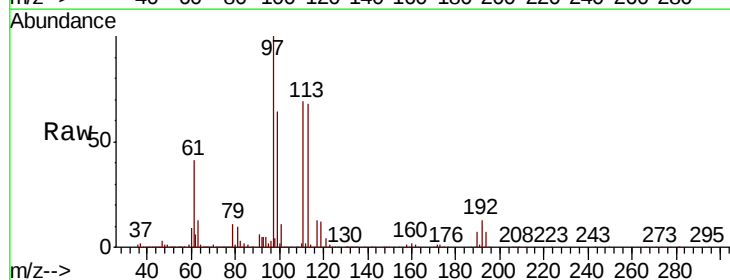
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

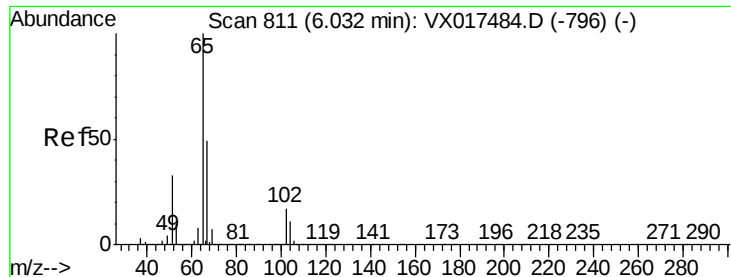
Tot Ion: 56 Resp: 413214
Ion Ratio Lower Upper
56 100
69 30.8 24.2 36.4
84 83.7 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 46.135 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 97 Resp: 502898
Ion Ratio Lower Upper
97 100
99 64.8 51.9 77.9
61 43.3 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 55.565 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

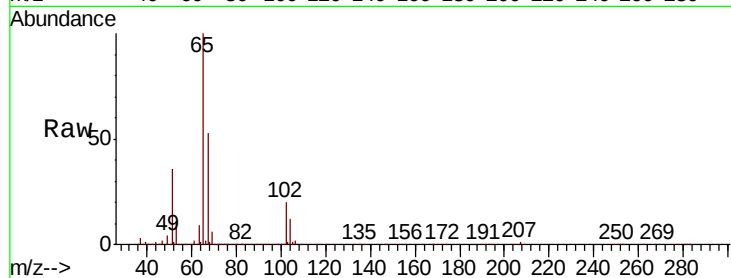
VSTDCCC050

Tot Ion: 65 Resp: 406475

Ion Ratio Lower Upper

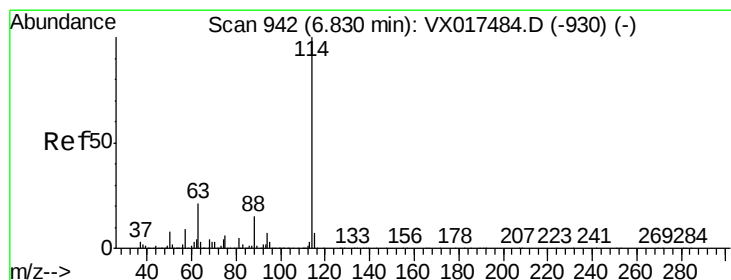
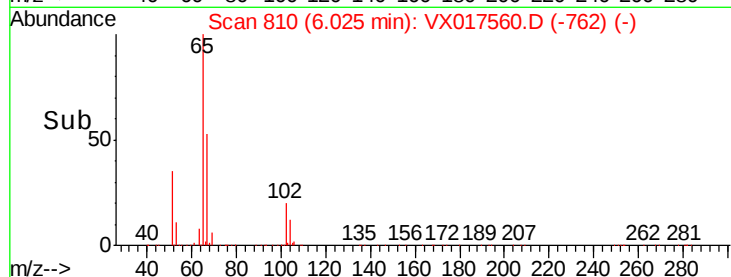
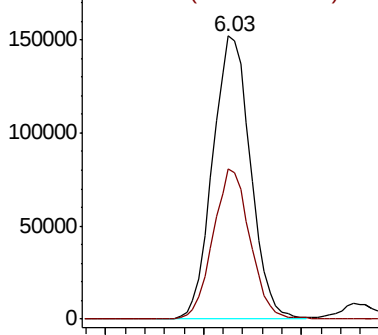
65 100

67 51.6 0.0 102.8



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: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

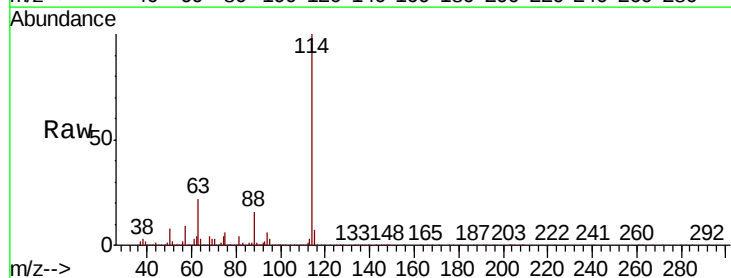
Tgt Ion: 114 Resp: 955573

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.6

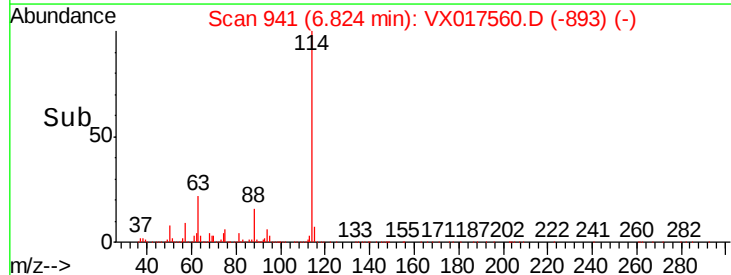
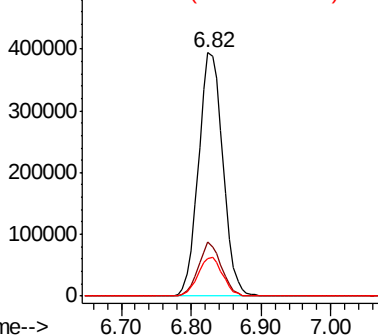
88 15.6 0.0 33.4

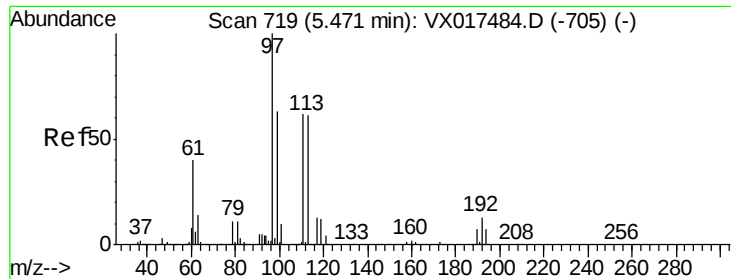


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

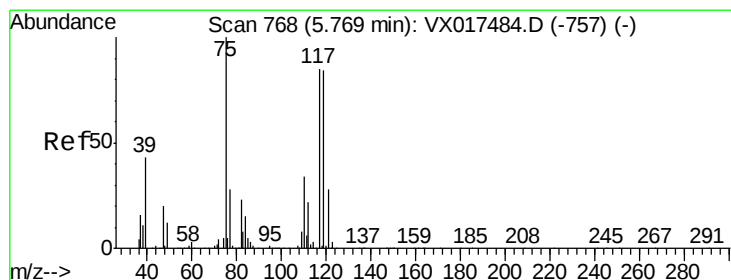
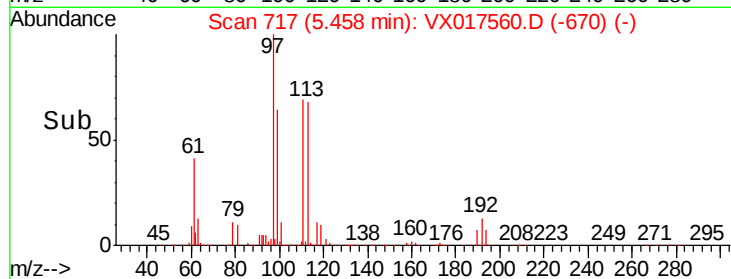
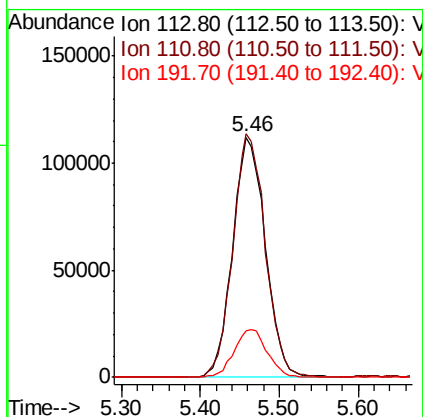
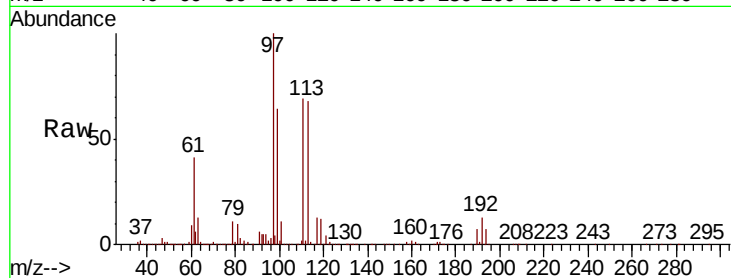




#35
 Dibromofluoromethane
 Concen: 50.627 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

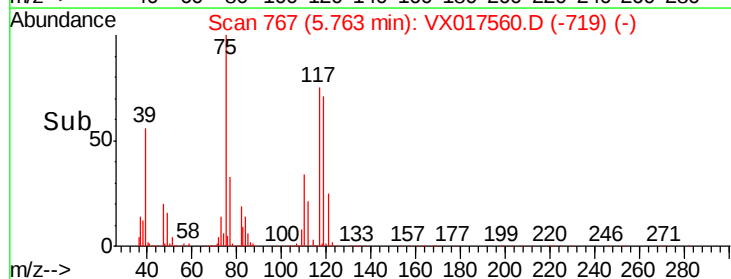
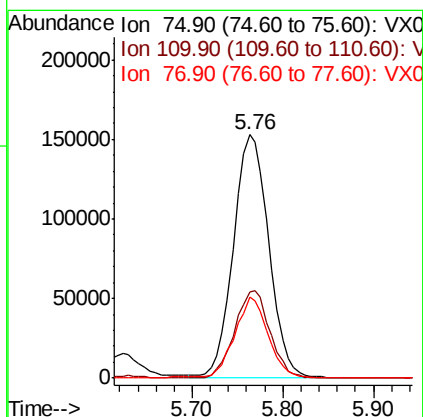
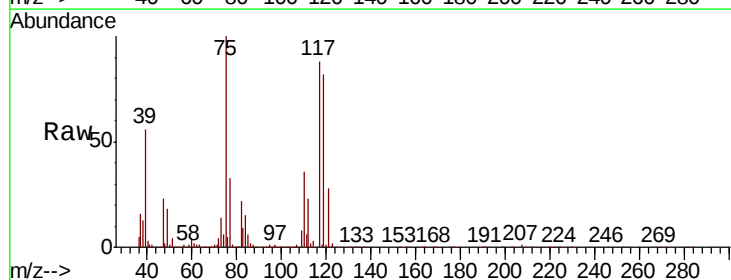
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

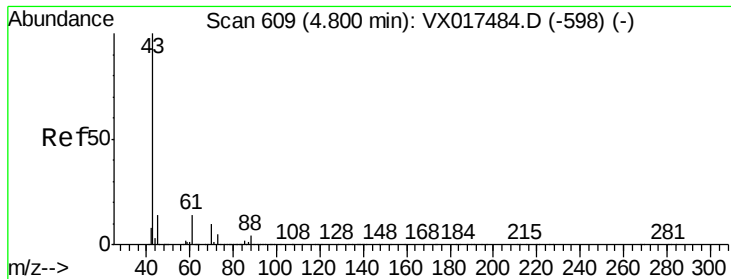
Tot Ion:113 Resp: 323551
 Ion Ratio Lower Upper
 113 100
 111 100.4 80.7 121.1
 192 20.0 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 45.079 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion: 75 Resp: 413141
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.1 54.3
 77 30.8 24.6 37.0

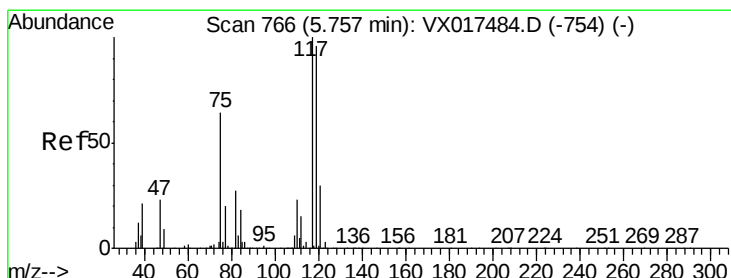
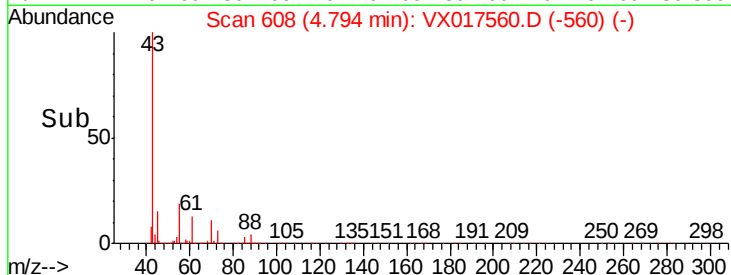
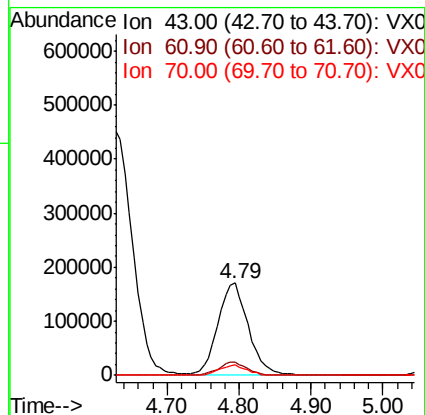
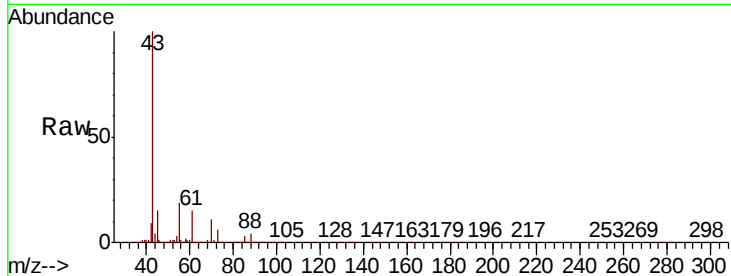




#37
Ethyl Acetate
Concen: 49.709 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

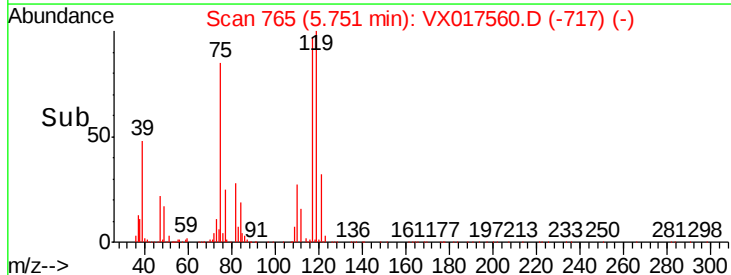
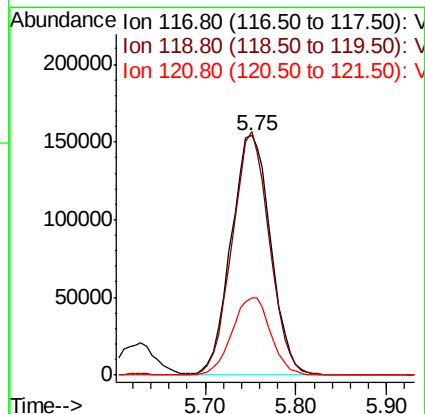
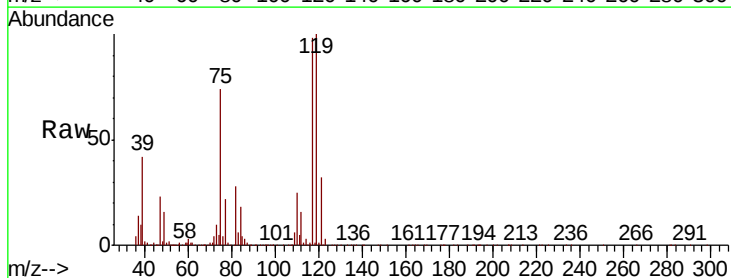
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

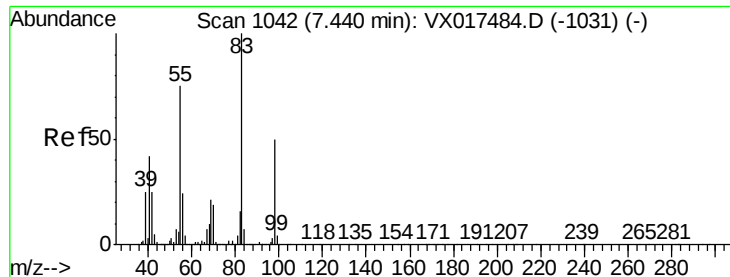
Tot Ion: 43 Resp: 498465
Ion Ratio Lower Upper
43 100
61 13.7 10.7 16.1
70 10.4 8.5 12.7



#38
Carbon Tetrachloride
Concen: 41.855 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 117 Resp: 465819
Ion Ratio Lower Upper
117 100
119 101.7 75.4 113.0
121 32.1 24.3 36.5

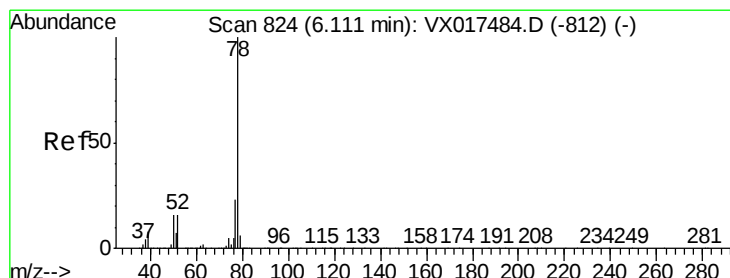
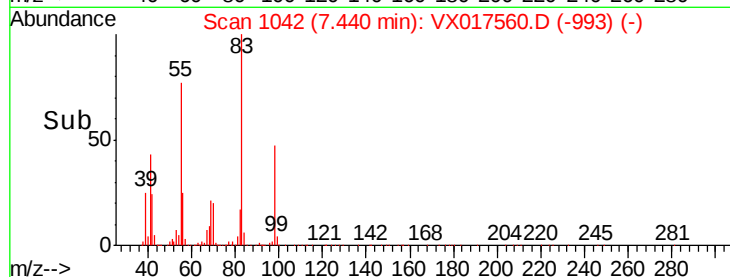
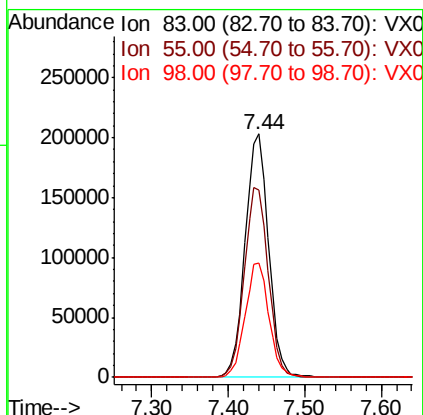
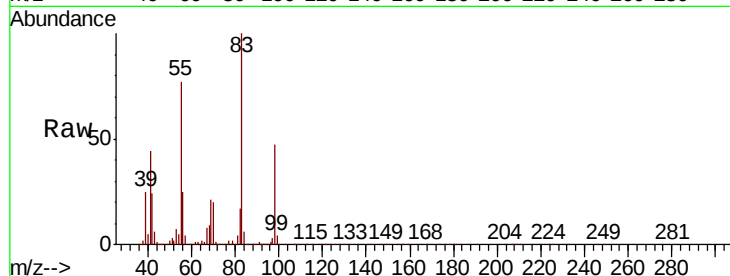




#39
Methvlcvclohexane
Concen: 40.609 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

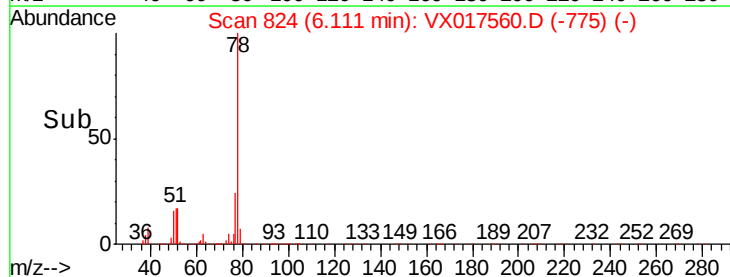
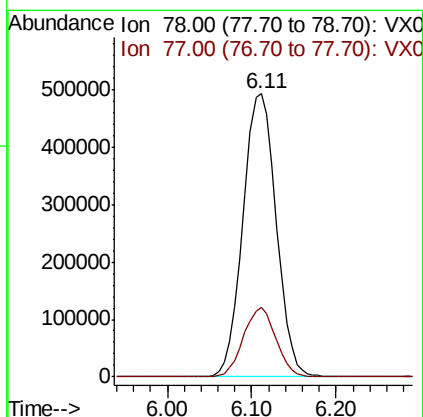
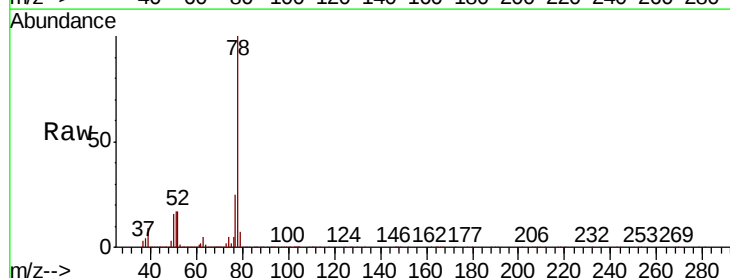
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

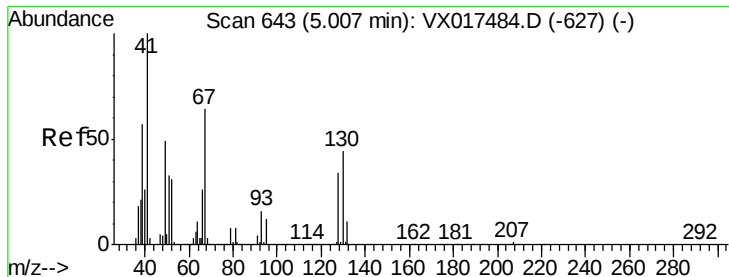
Tot Ion: 83 Resp: 434461
Ion Ratio Lower Upper
83 100
55 76.7 61.8 92.8
98 47.2 36.9 55.3



#40
Benzene
Concen: 50.179 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 78 Resp: 1318471
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.2

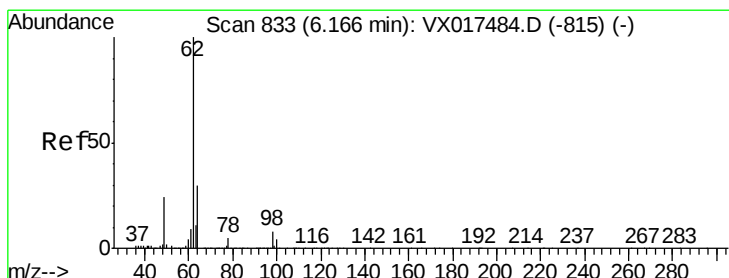
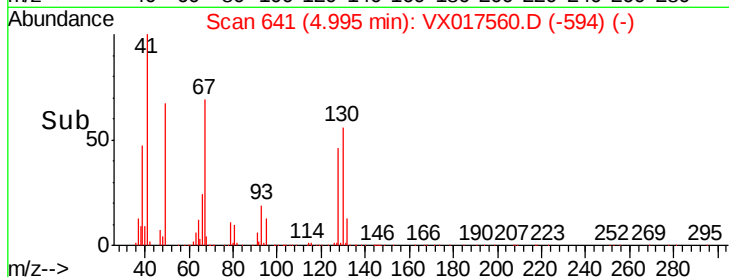
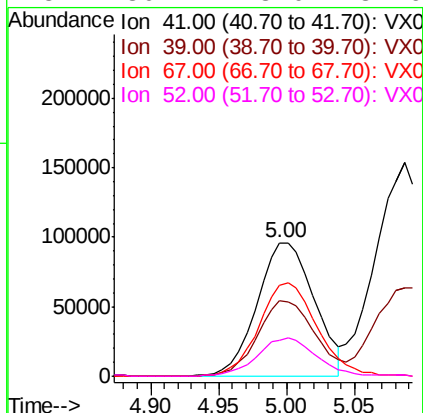
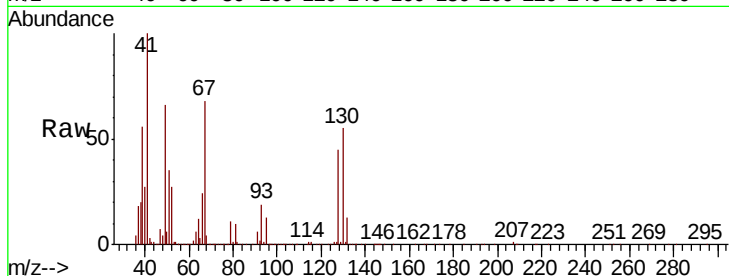




#41
Methacrylonitrile
Concen: 49.134 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

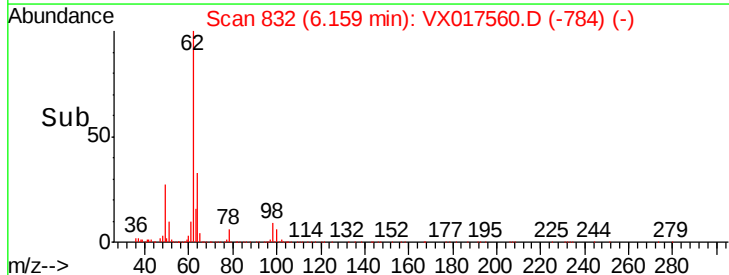
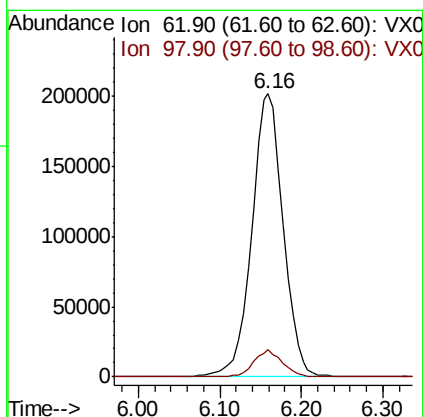
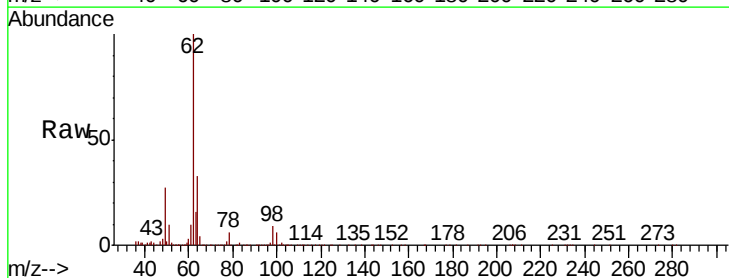
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

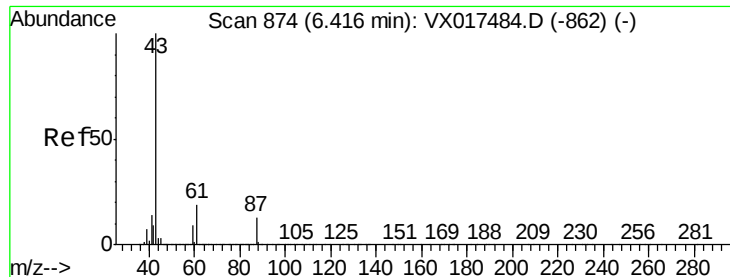
Tot Ion:	41	Resp:	282414
Ion	Ratio	Lower	Upper
41	100		
39	56.9	43.9	65.9
67	71.3	54.0	81.0
52	30.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 50.206 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion:	62	Resp:	539675
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.0



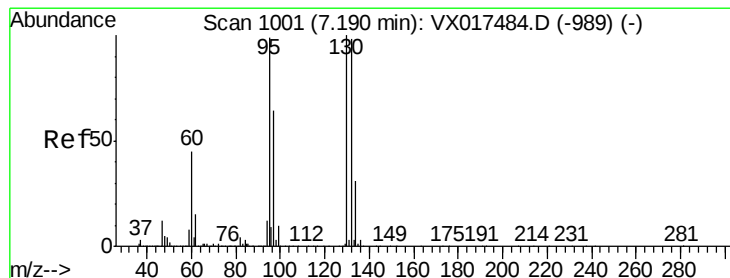
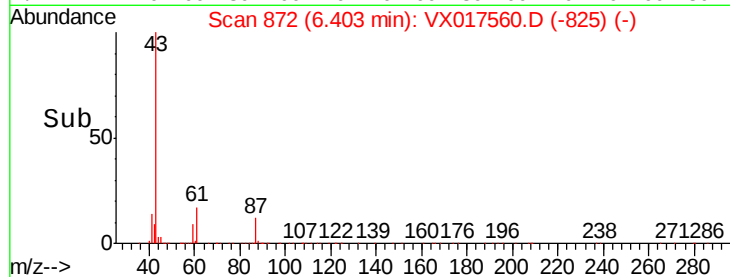
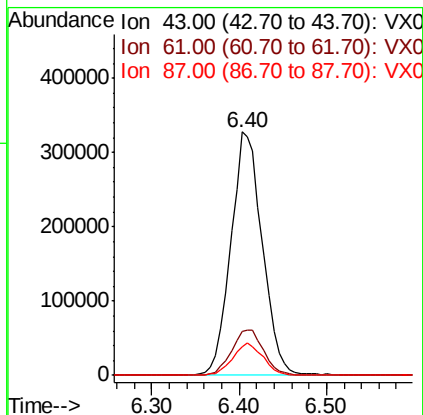
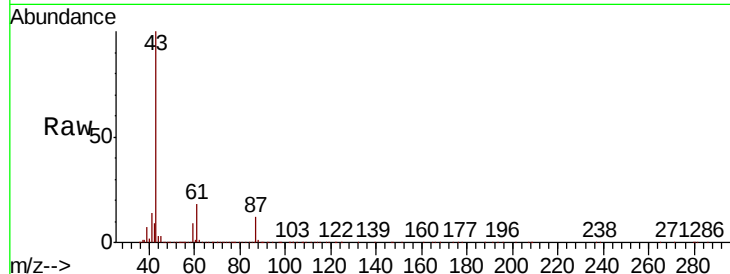


#43

Isopropyl Acetate
 Concen: 49.256 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

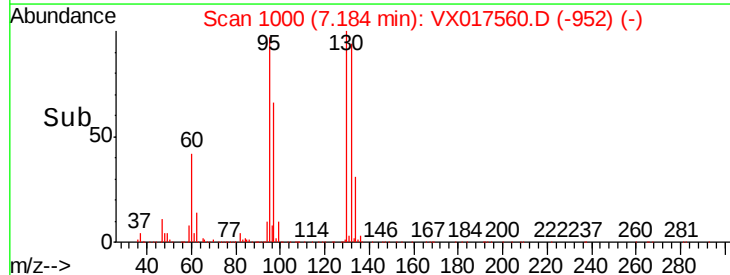
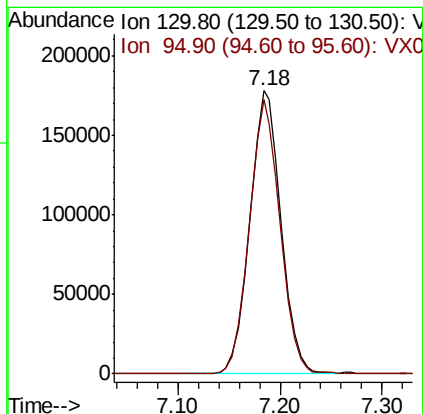
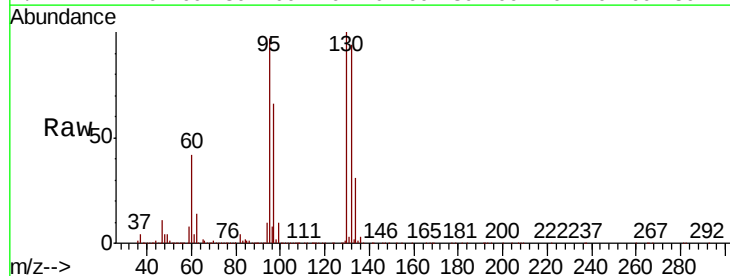
Tot Ion	43	Resp	814949
Ion Ratio	Lower	Upper	
43	100		
61	19.2	15.5	23.3
87	12.8	10.5	15.7

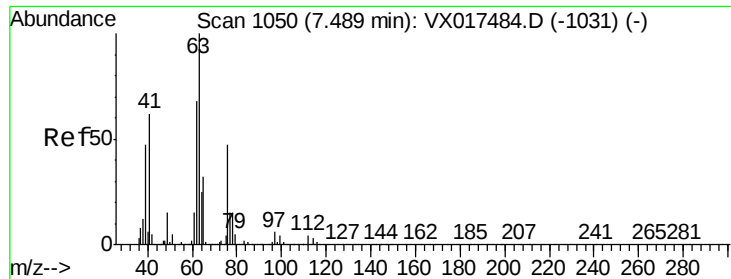


#44

Trichloroethene
 Concen: 49.069 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion	130	Resp	376788
Ion Ratio	Lower	Upper	
130	100		
95	96.7	0.0	189.0





#45

1,2-Dichloropropane

Concen: 49.107 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

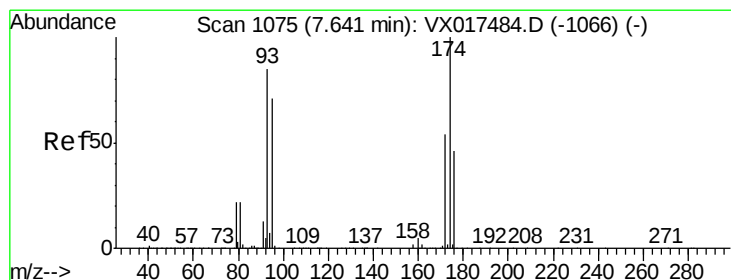
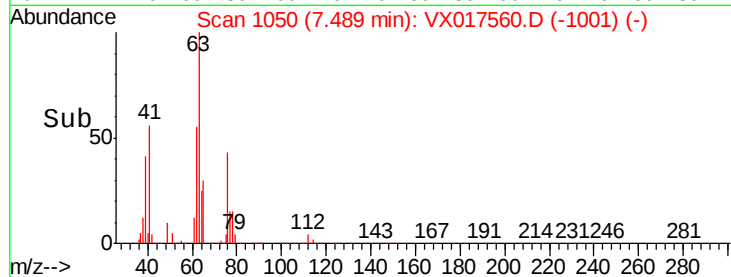
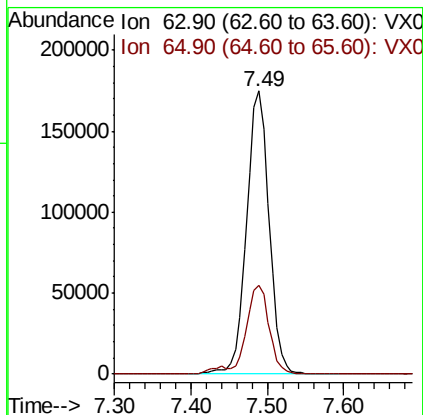
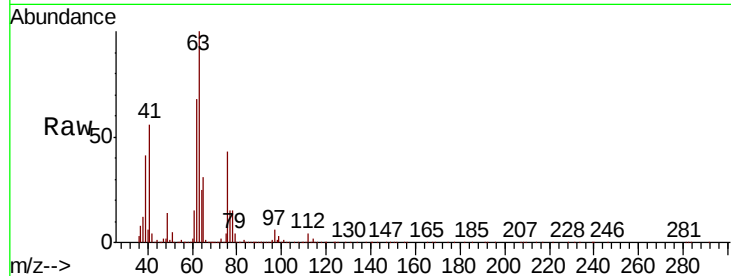
VSTDCCC050

Tot Ion: 63 Resp: 357686

Ion Ratio Lower Upper

63 100

65 31.3 24.5 36.7



#46

Dibromomethane

Concen: 46.384 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

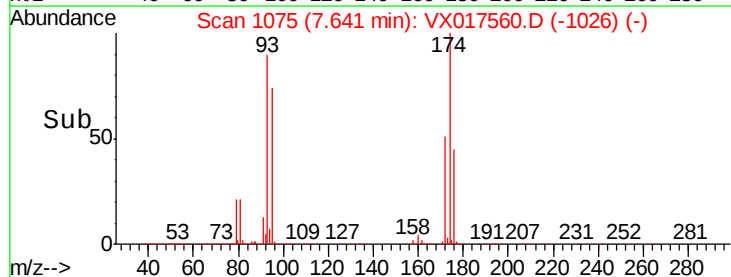
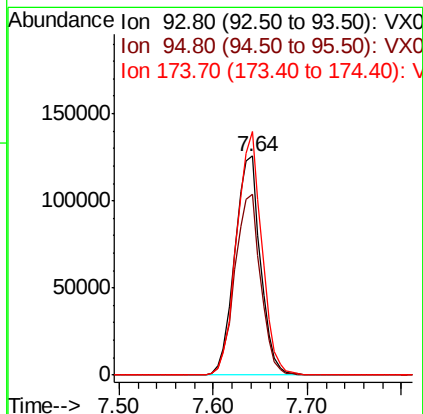
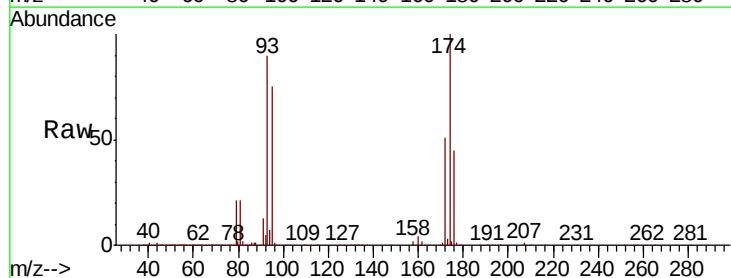
Tgt Ion: 93 Resp: 238765

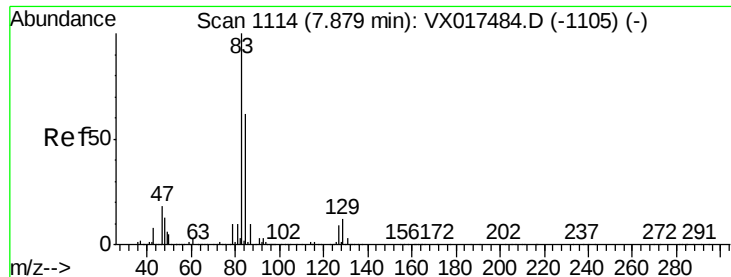
Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

174 108.8 87.0 130.6





#47

Bromodichloromethane

Concen: 49.713 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

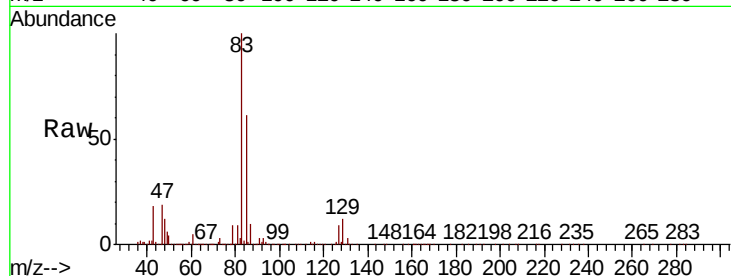
Tot Ion: 83 Resp: 514909

Ion Ratio Lower Upper

83 100

85 60.9 51.8 77.8

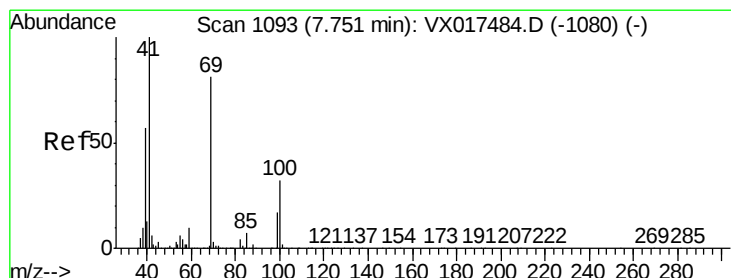
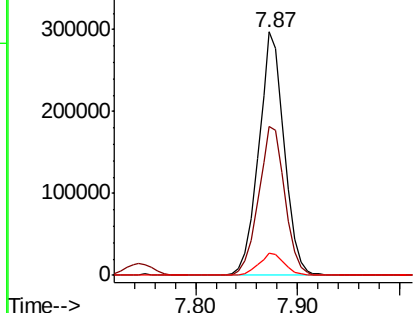
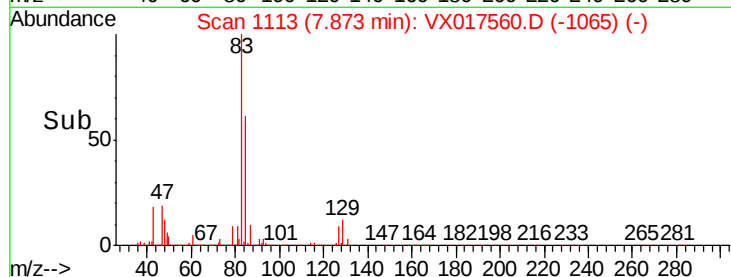
127 9.2 7.4 11.2



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: 47.678 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

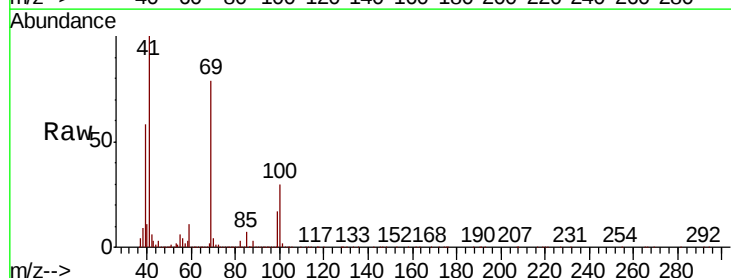
Tgt Ion: 41 Resp: 391019

Ion Ratio Lower Upper

41 100

69 80.5 63.1 94.7

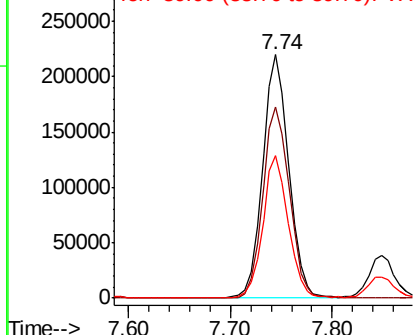
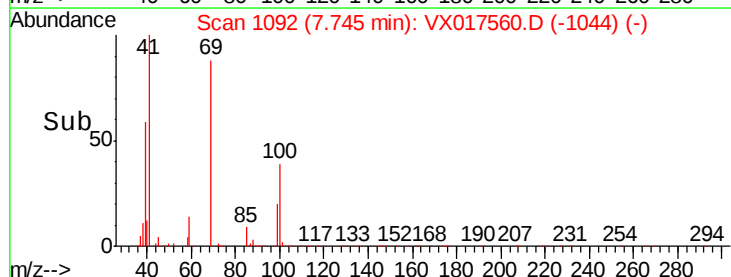
39 56.1 45.1 67.7

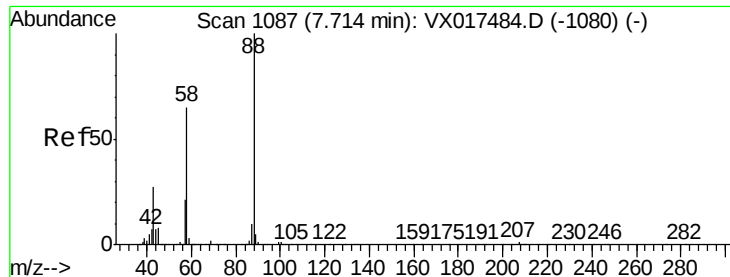


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 962.046 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

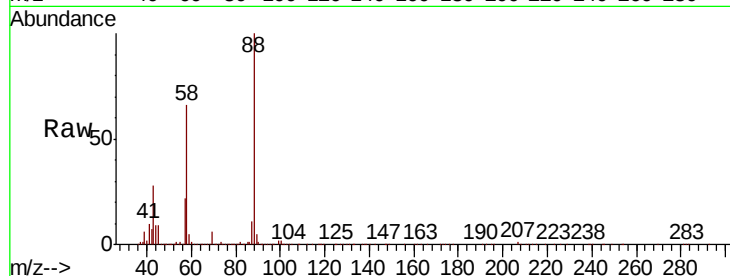
Tot Ion: 88 Resp: 151270

Ion Ratio Lower Upper

88 100

43 35.6 27.8 41.6

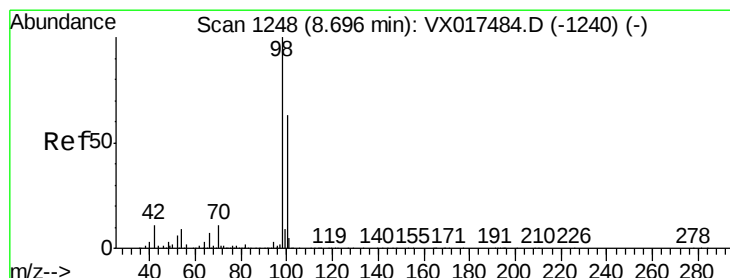
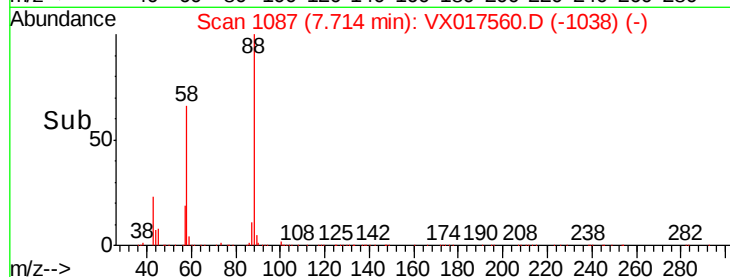
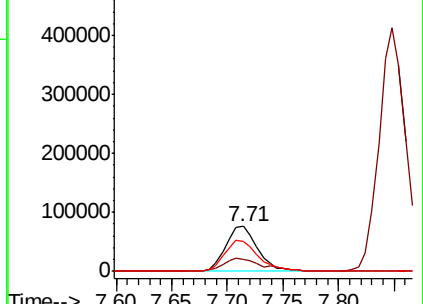
58 73.6 58.3 87.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.322 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017560.D

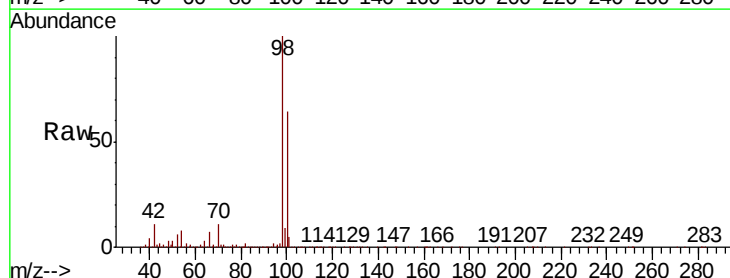
Acq: 25 Jul 2020 00:33

Tgt Ion: 98 Resp: 1206279

Ion Ratio Lower Upper

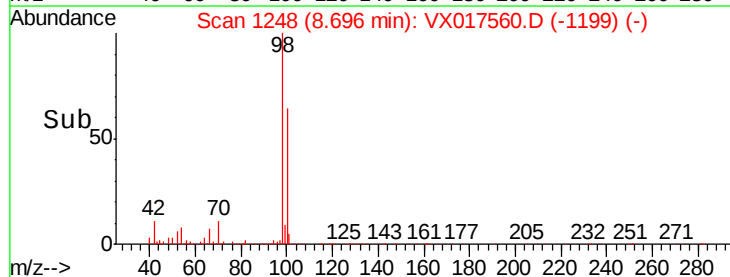
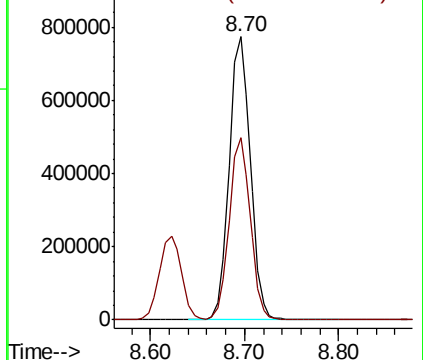
98 100

100 64.3 52.3 78.5



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: 248.040 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

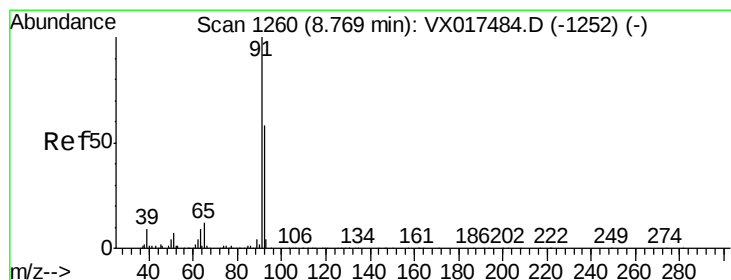
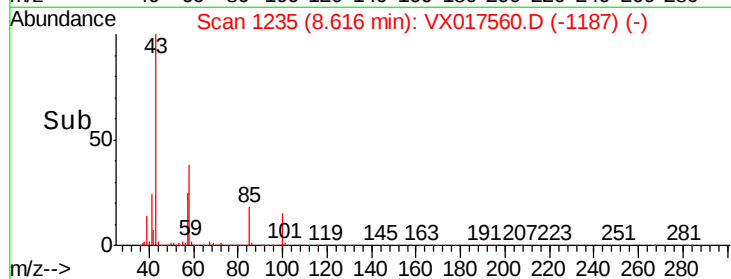
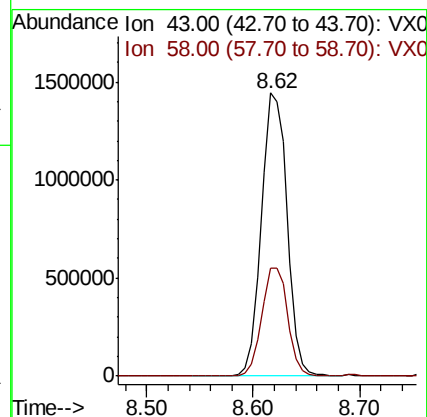
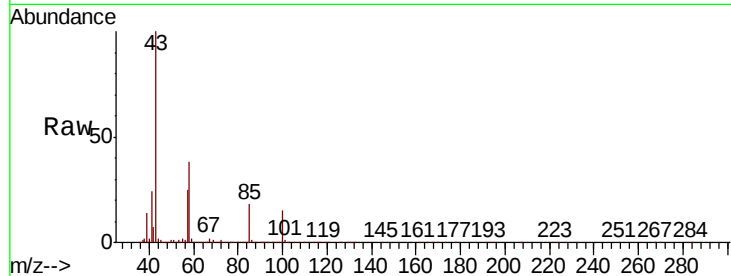
VSTDCCC050

Tot Ion: 43 Resp: 2448614

Ion Ratio Lower Upper

43 100

58 38.5 31.0 46.4



#52

Toluene

Concen: 50.300 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017560.D

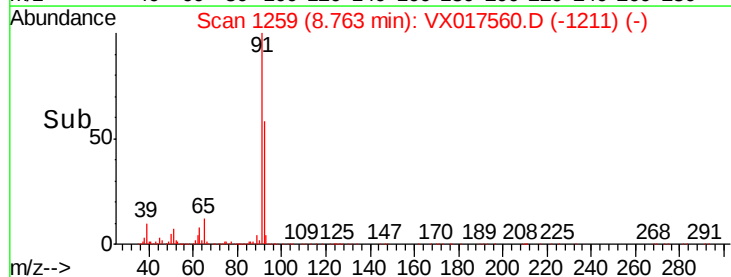
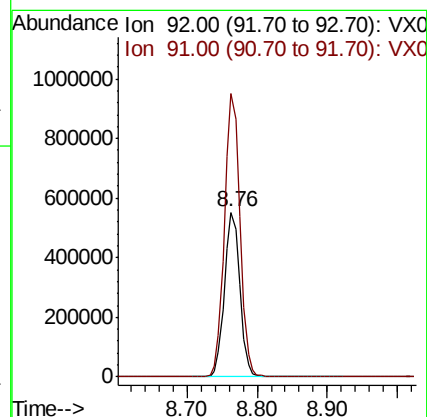
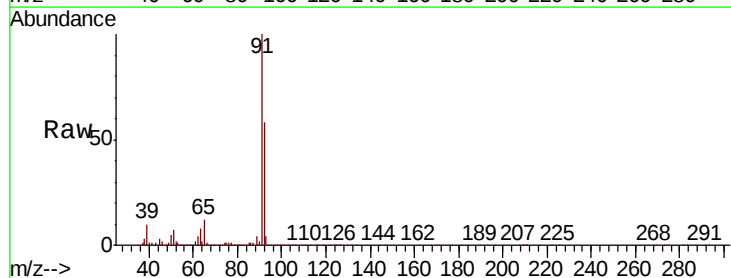
Acq: 25 Jul 2020 00:33

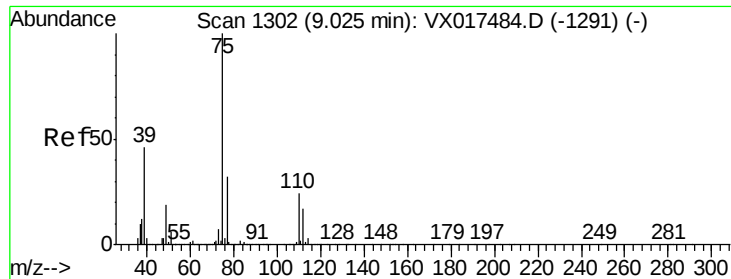
Tgt Ion: 92 Resp: 847582

Ion Ratio Lower Upper

92 100

91 173.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 51.270 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

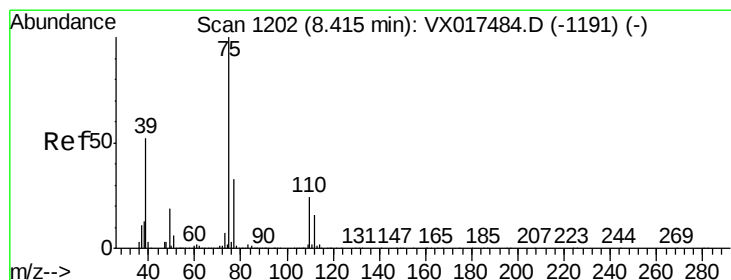
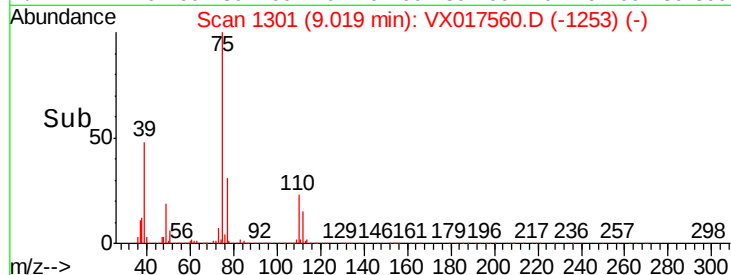
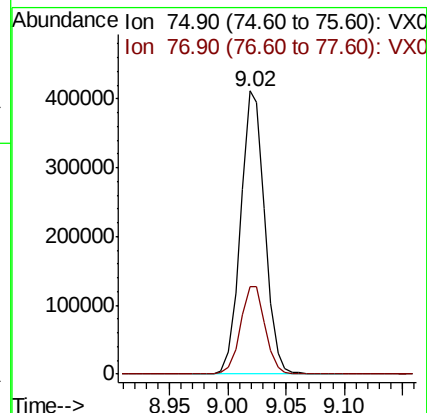
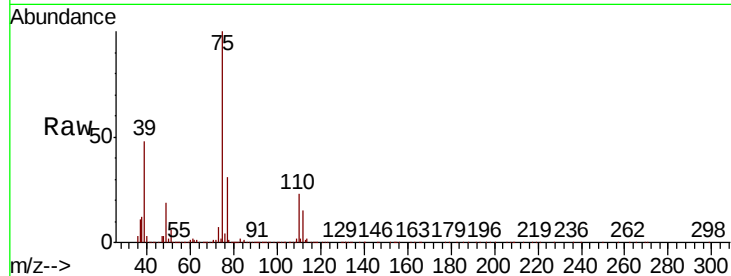
VSTDCCC050

Tot Ion: 75 Resp: 594448

Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 44.690 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

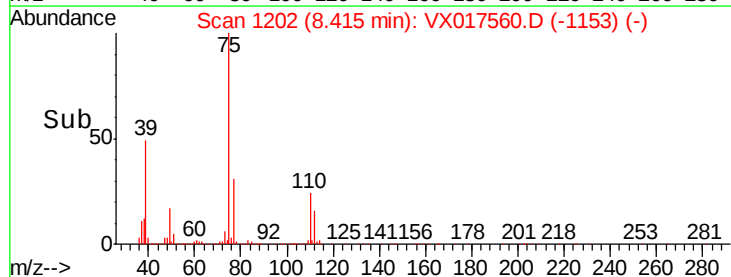
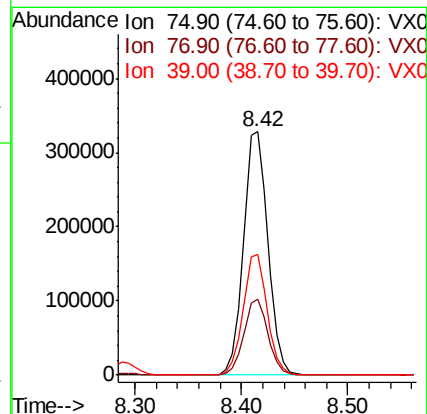
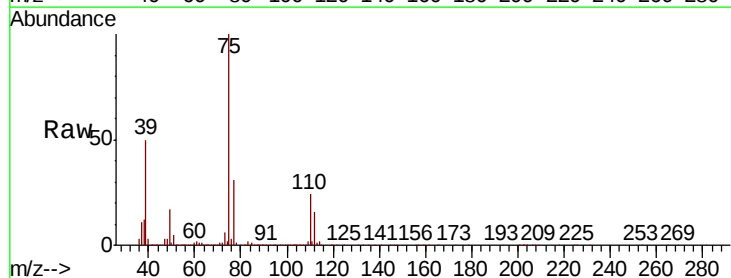
Tgt Ion: 75 Resp: 528521

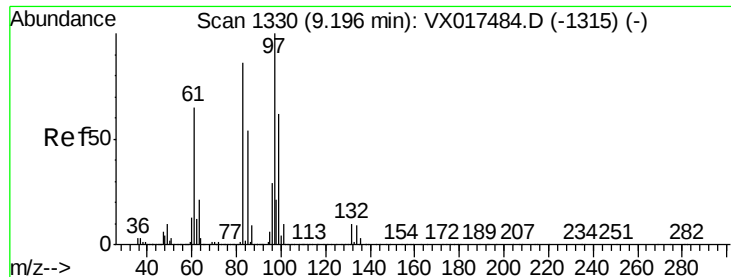
Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

39 49.5 41.8 62.8

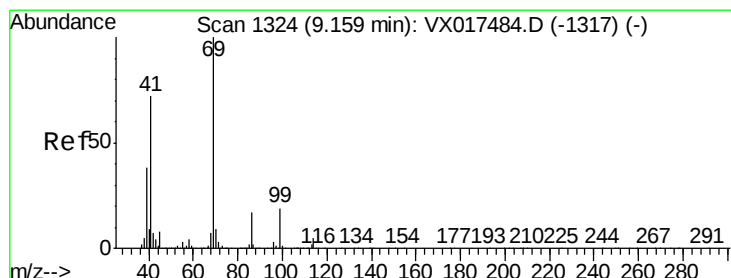
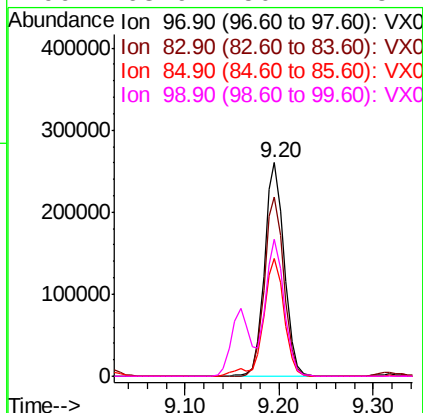
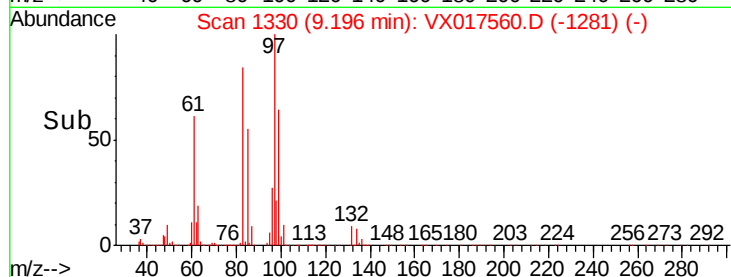
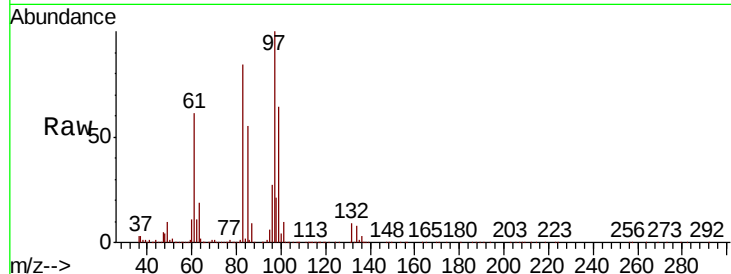




#55
 1,1,2-Trichloroethane
 Concen: 54.460 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

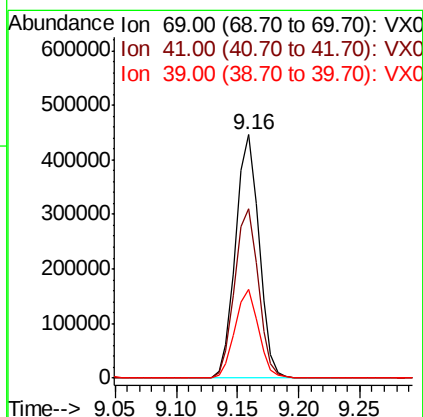
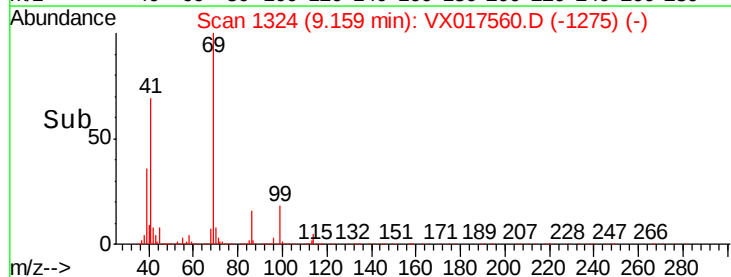
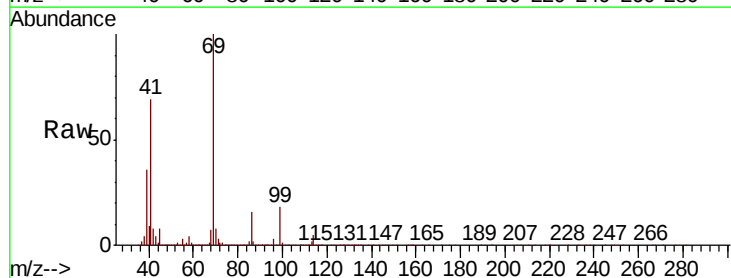
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

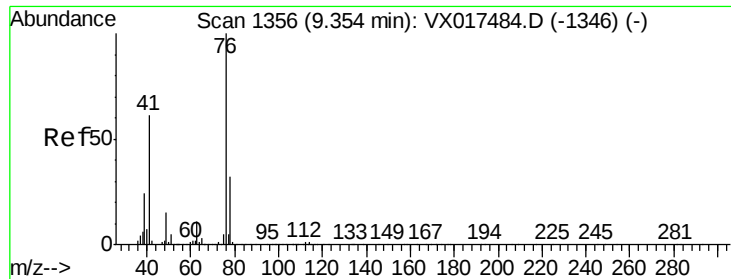
Tot Ion:	97	Resp:	382288
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.6	101.4
85	55.0	44.6	67.0
99	63.9	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 55.931 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion:	69	Resp:	591506
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.0	82.6
39	36.6	30.0	45.0





#57

1,3-Dichloropropane

Concen: 54.209 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

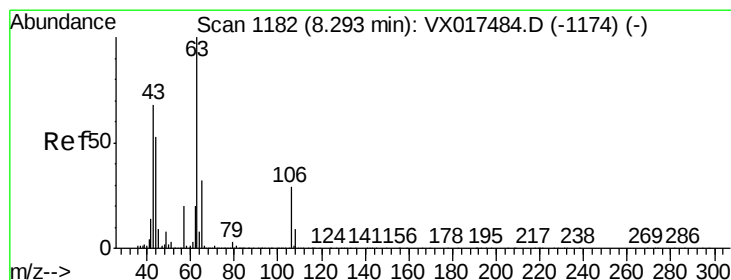
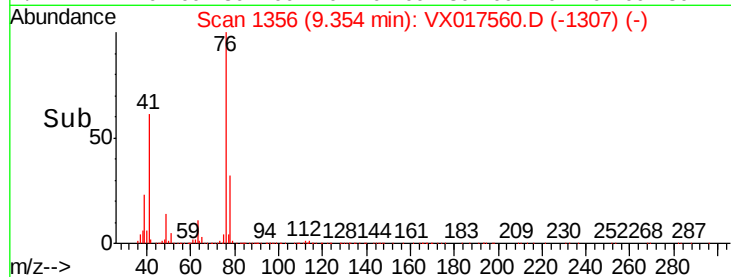
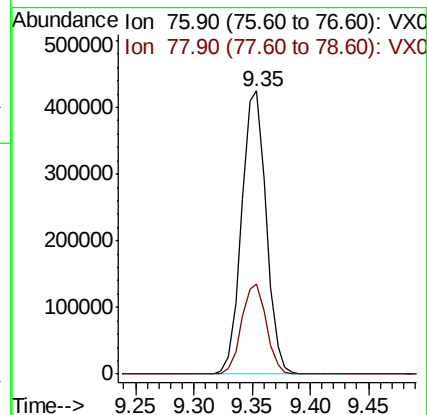
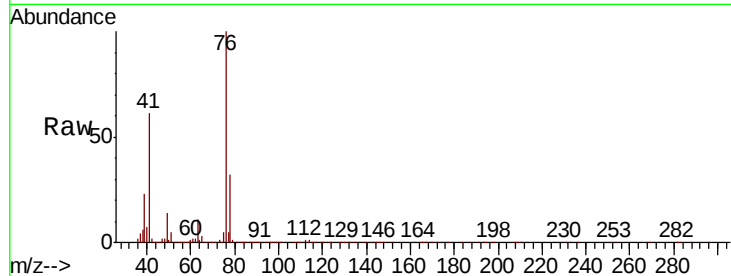
VSTDCCC050

Tot Ion: 76 Resp: 626586

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 238.446 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017560.D

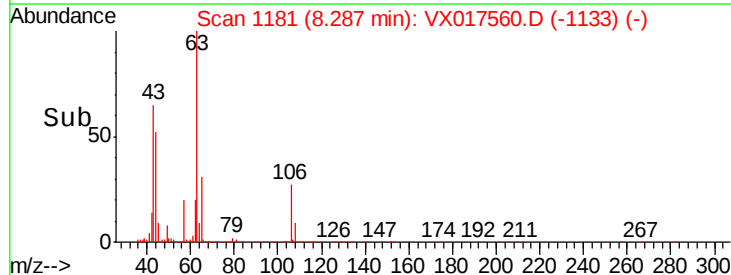
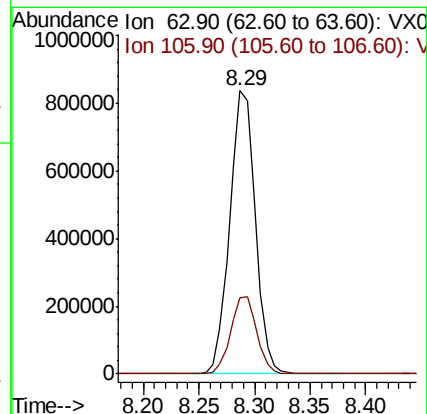
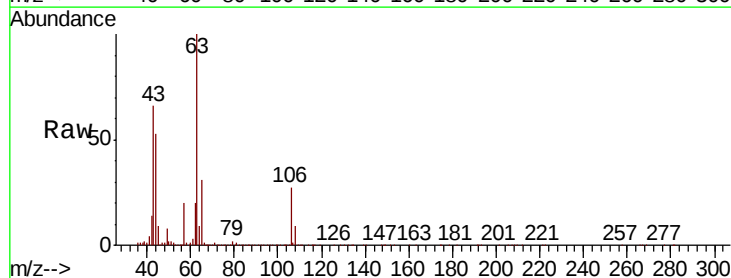
Acq: 25 Jul 2020 00:33

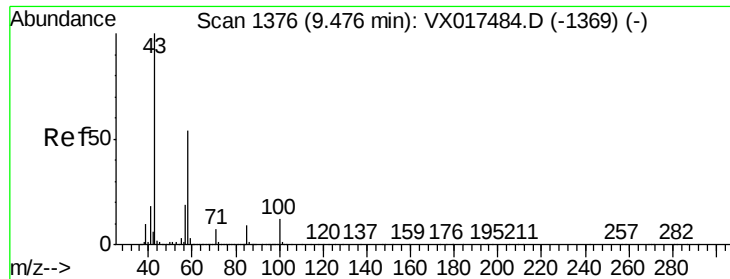
Tgt Ion: 63 Resp: 1328547

Ion Ratio Lower Upper

63 100

106 27.9 22.6 34.0





#59

2-Hexanone

Concen: 284.685 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

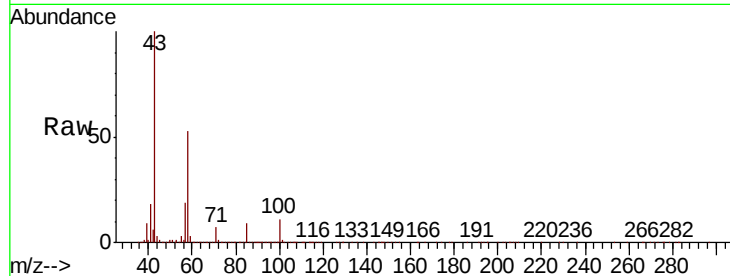
VSTDCCC050

Tot Ion: 43 Resp: 2115892

Ion Ratio Lower Upper

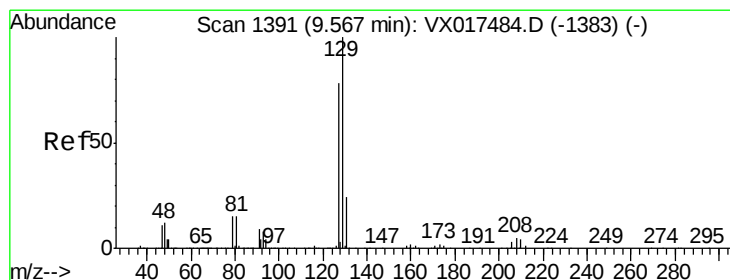
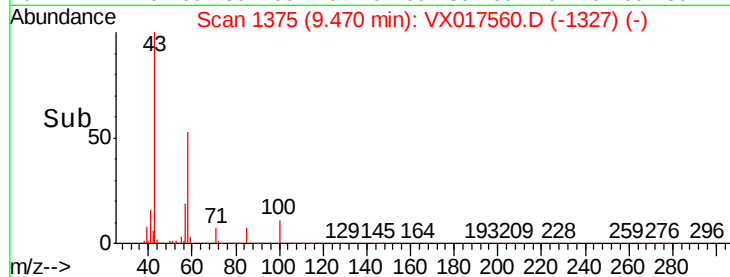
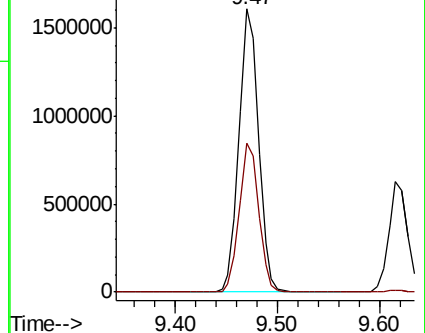
43 100

58 52.5 26.6 79.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 51.085 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017560.D

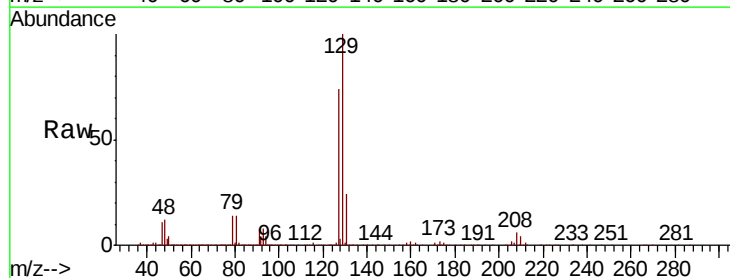
Acq: 25 Jul 2020 00:33

Tgt Ion:129 Resp: 455782

Ion Ratio Lower Upper

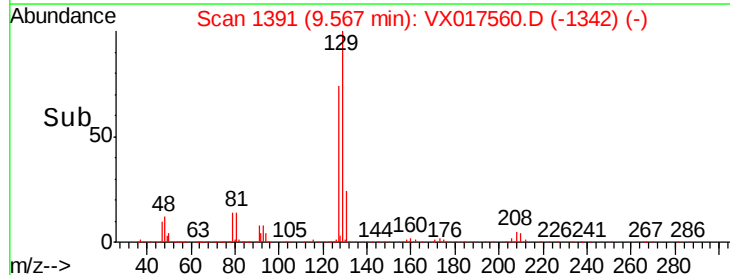
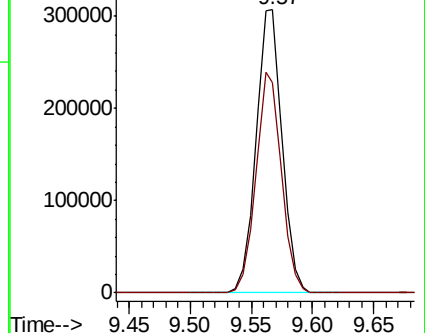
129 100

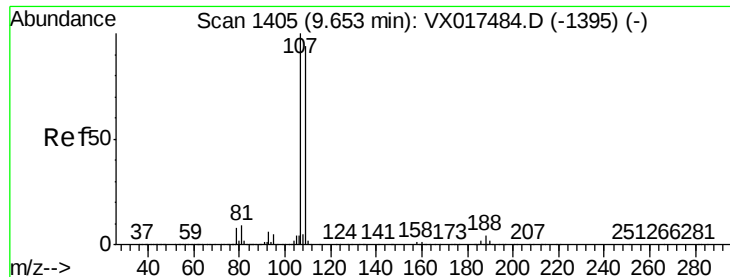
127 76.6 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 54.336 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

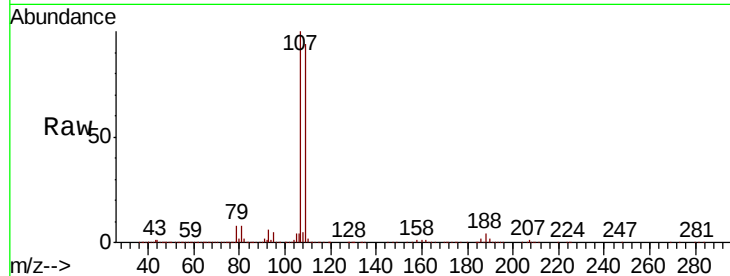
VSTDCCC050

Tot Ion:107 Resp: 406078

Ion Ratio Lower Upper

107 100

109 95.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

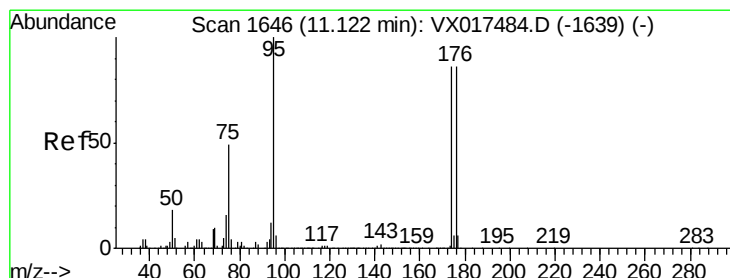
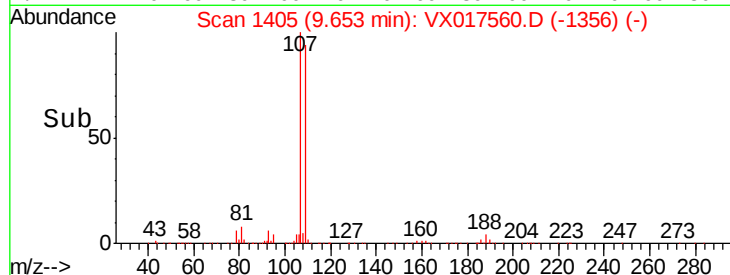
300000

200000

100000

0

Time--> 9.50 9.60 9.70



#62

4-Bromofluorobenzene

Concen: 50.982 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

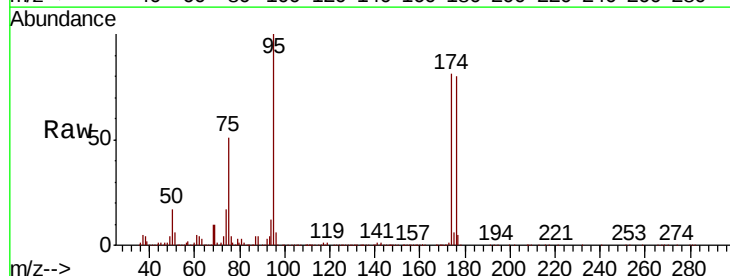
Tgt Ion: 95 Resp: 470398

Ion Ratio Lower Upper

95 100

174 80.7 0.0 169.0

176 78.2 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

500000

400000

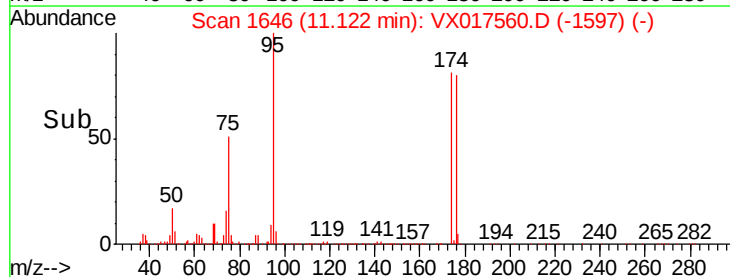
300000

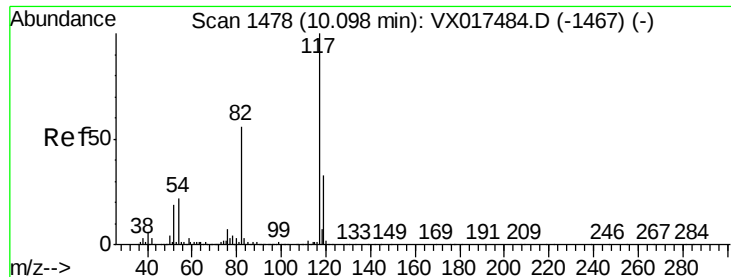
200000

100000

0

Time--> 11.05 11.10 11.15

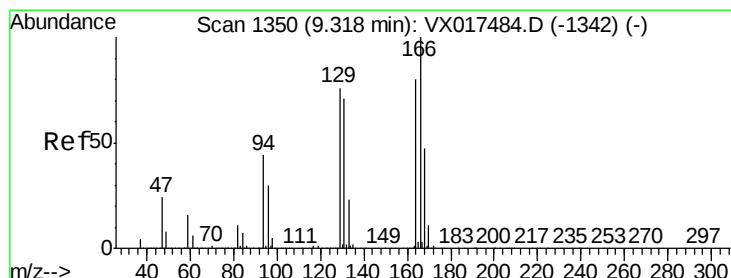
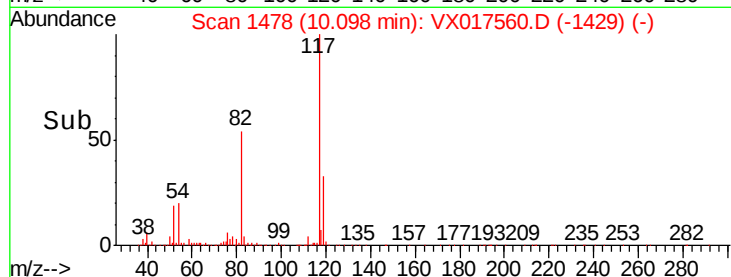
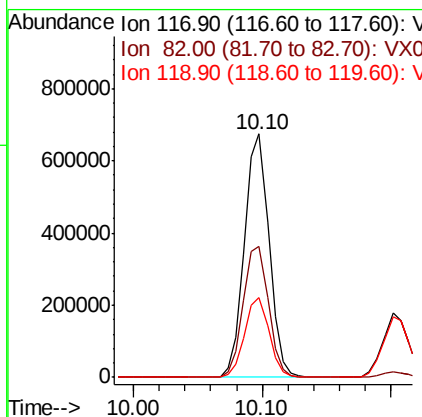
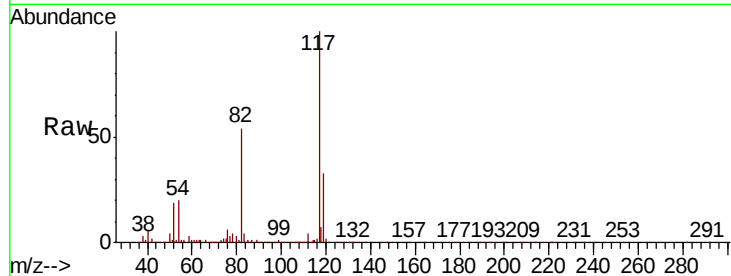




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

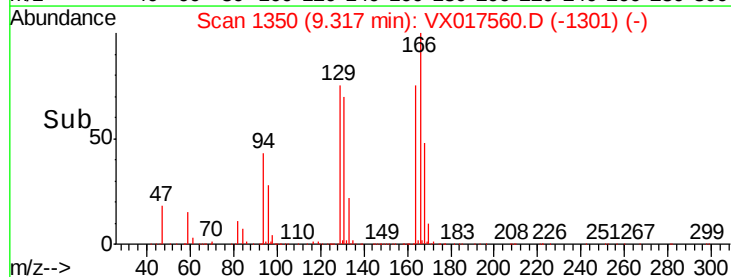
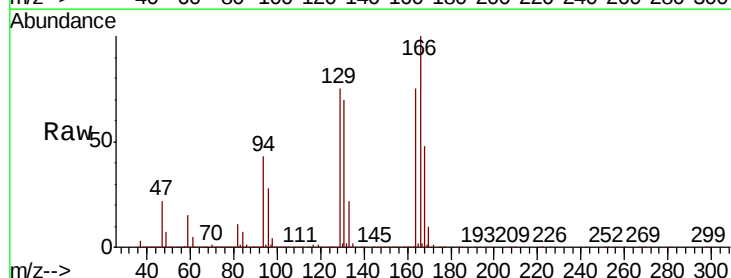
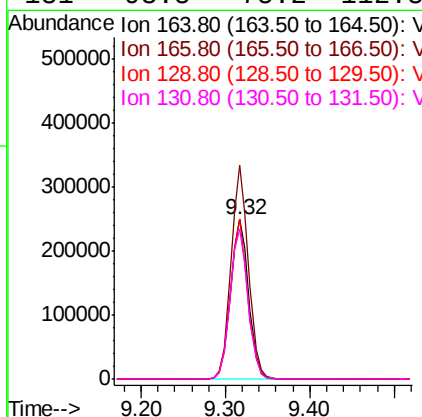
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

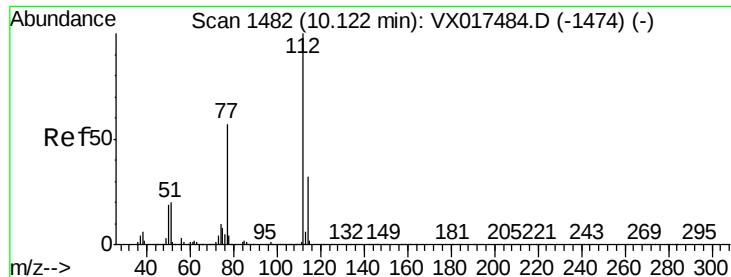
Tot Ion:117 Resp: 891173
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 32.9 25.4 38.0



#64
Tetrachloroethene
Concen: 45.272 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion:164 Resp: 362109
Ion Ratio Lower Upper
164 100
166 133.9 100.6 150.8
129 100.7 75.0 112.6
131 93.5 75.2 112.8





#65

Chlorobenzene

Concen: 47.003 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

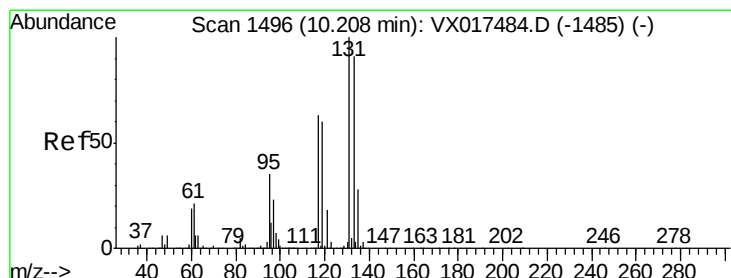
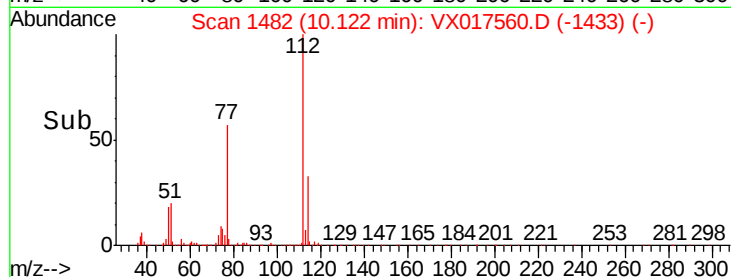
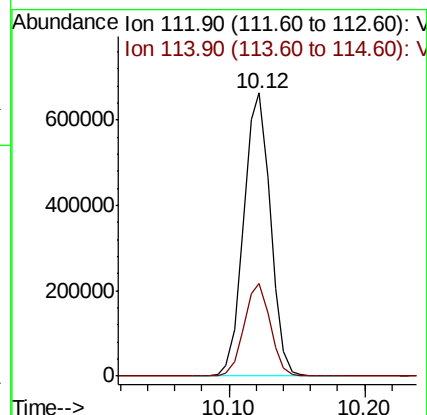
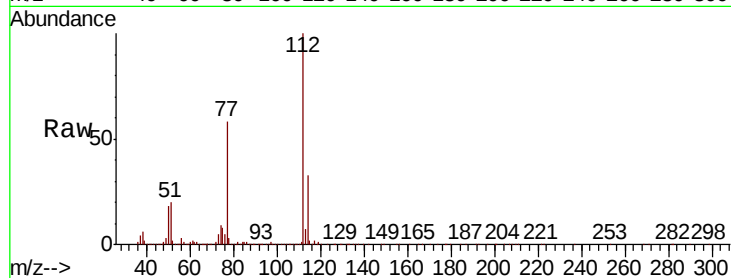
VSTDCCC050

Tot Ion:112 Resp: 906679

Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 47.316 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

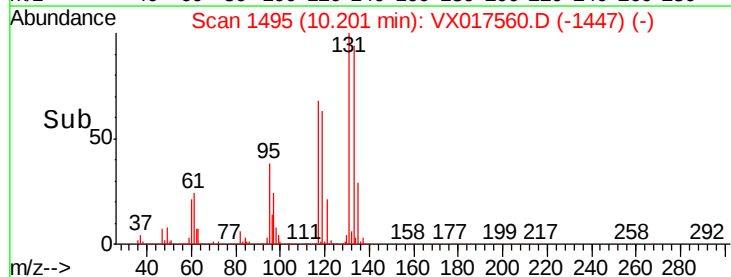
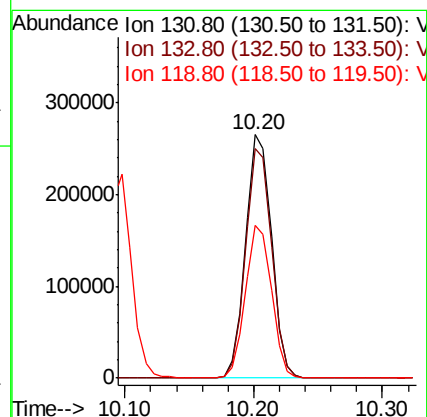
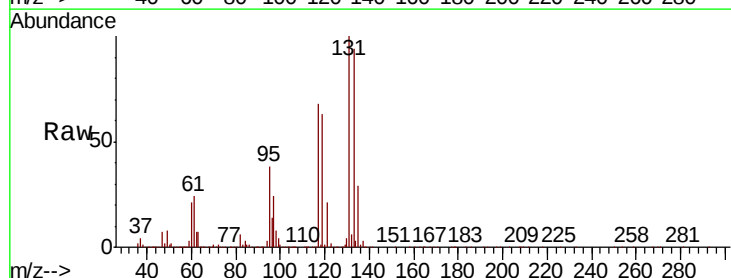
Tgt Ion:131 Resp: 368358

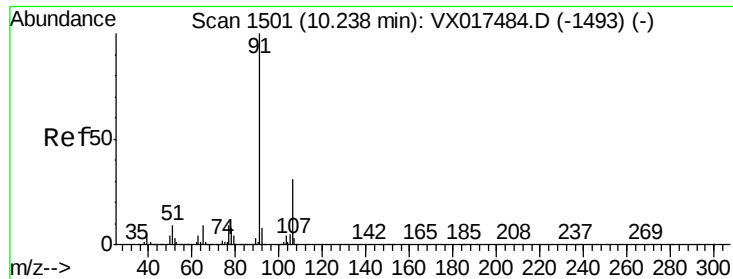
Ion Ratio Lower Upper

131 100

133 94.7 47.9 143.6

119 63.5 31.1 93.3

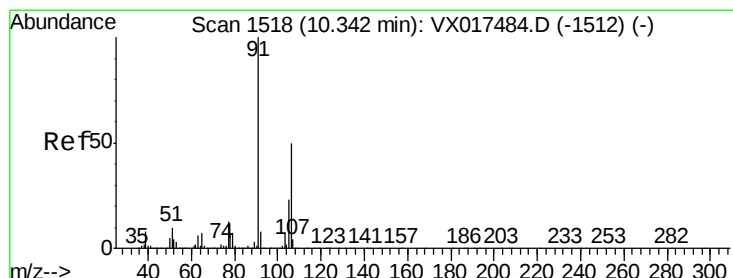
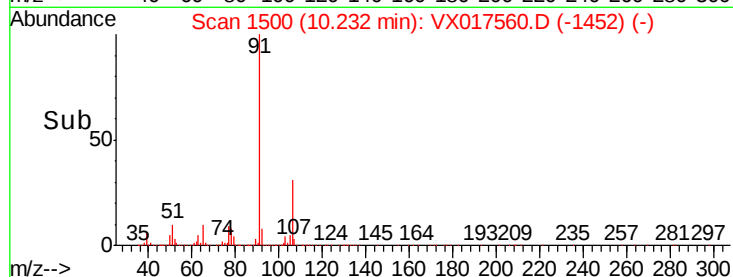
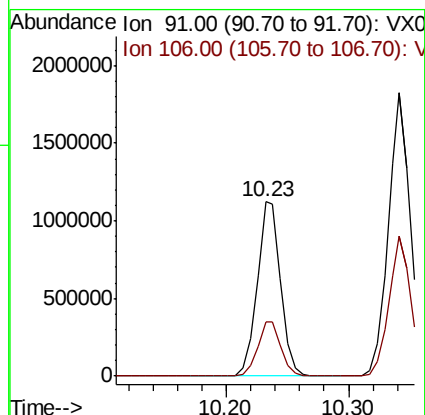
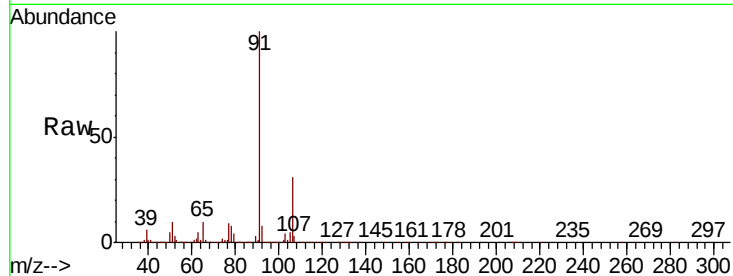




#67
Ethyl Benzene
Concen: 46.461 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

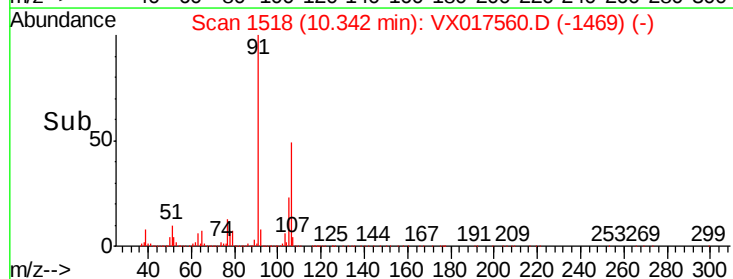
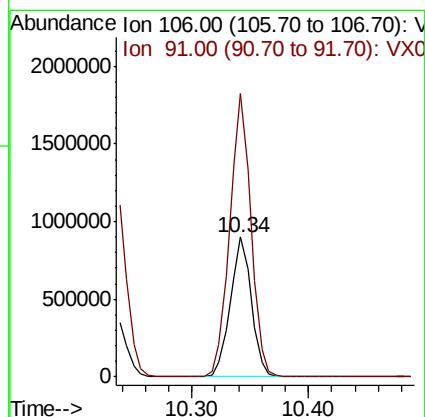
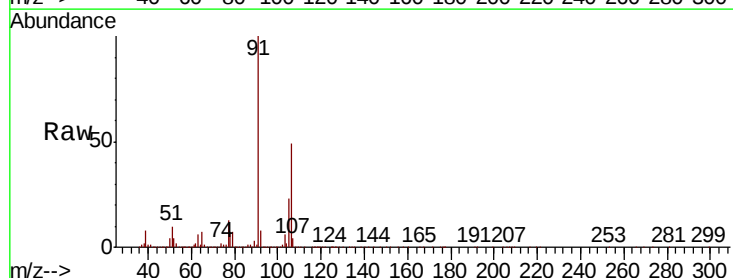
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1496024
Ion Ratio Lower Upper
91 100
106 31.1 25.8 38.6



#68
m/p-Xylenes
Concen: 90.826 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 106 Resp: 1132972
Ion Ratio Lower Upper
106 100
91 202.4 160.9 241.3

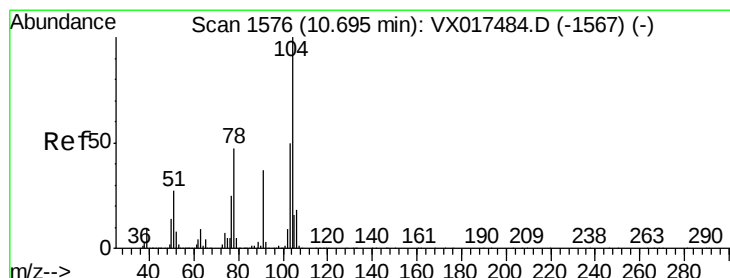
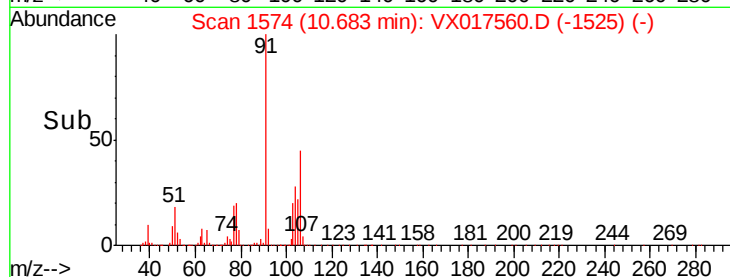
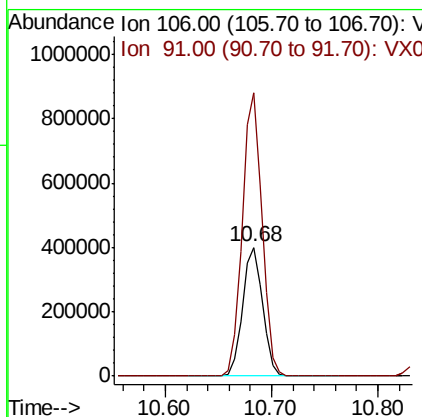
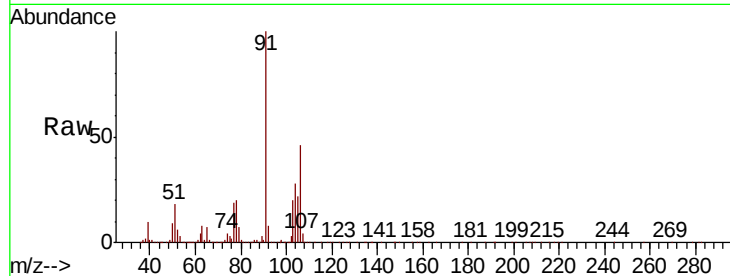




#69
o-Xylene
Concen: 44.042 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

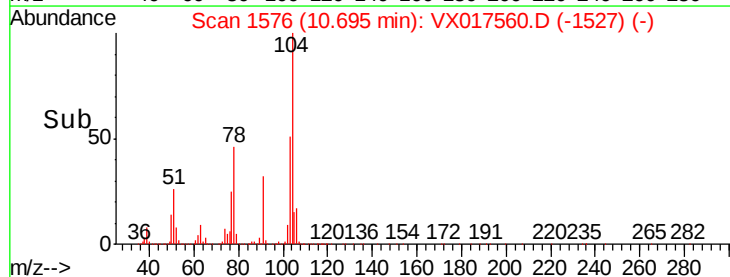
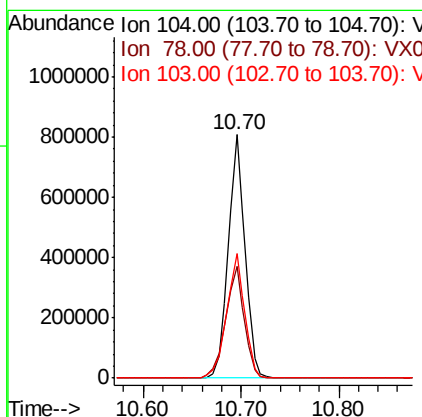
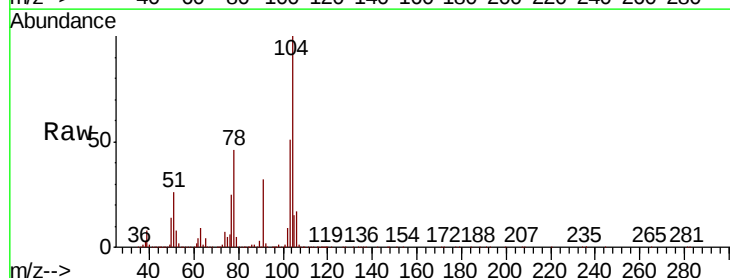
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 528376
Ion Ratio Lower Upper
106 100
91 216.2 108.2 324.6



#70
Styrene
Concen: 47.106 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion:104 Resp: 961531
Ion Ratio Lower Upper
104 100
78 51.0 42.5 63.7
103 55.2 44.3 66.5





#71

Bromoform

Concen: 50.265 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

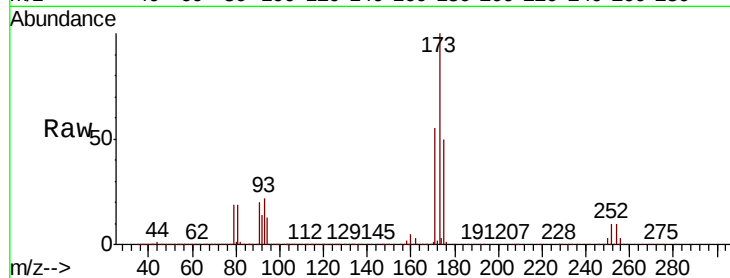
Tot Ion:173 Resp: 339028

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.5

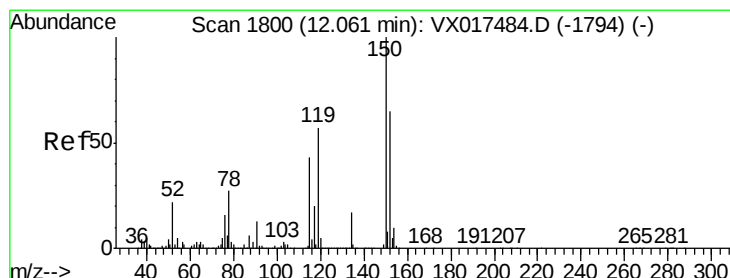
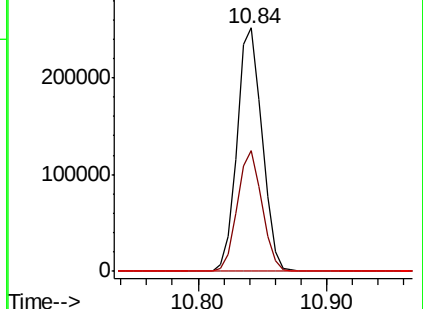
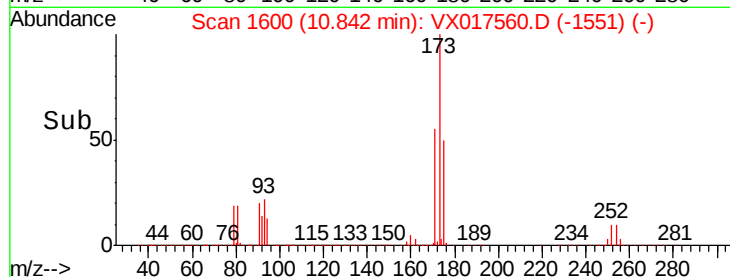
254 0.2 0.1 0.1#



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: VX017560.D

Acq: 25 Jul 2020 00:33

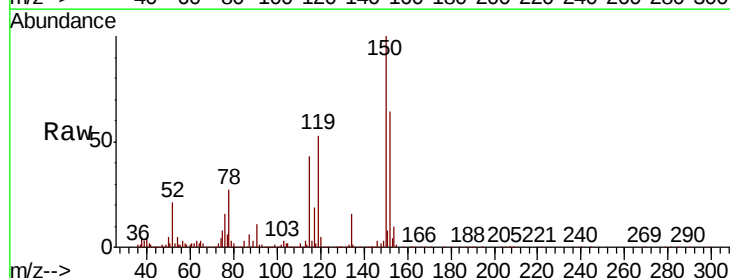
Tgt Ion:152 Resp: 444209

Ion Ratio Lower Upper

152 100

115 80.1 65.5 196.6

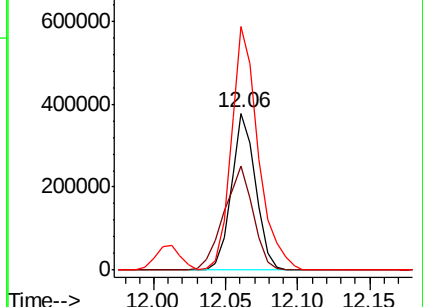
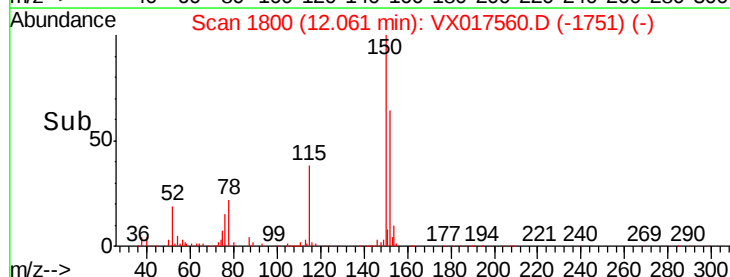
150 172.4 0.0 412.6

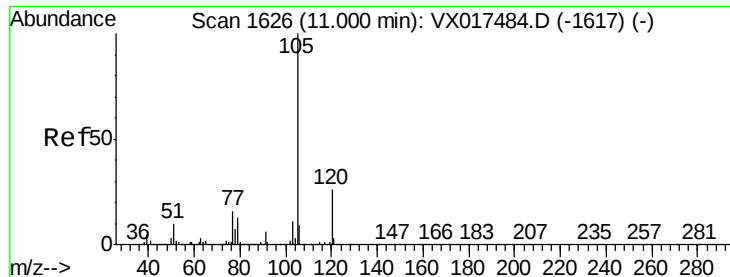


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.088 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

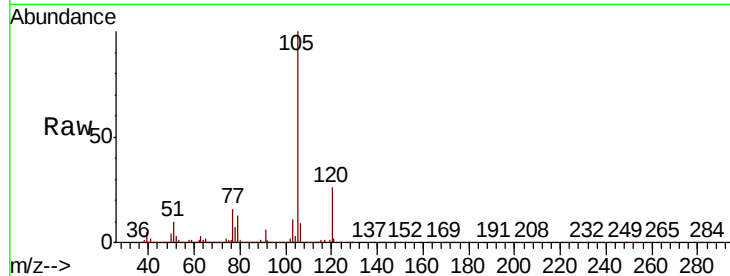
VSTDCCC050

Tot Ion:105 Resp: 1434945

Ion Ratio Lower Upper

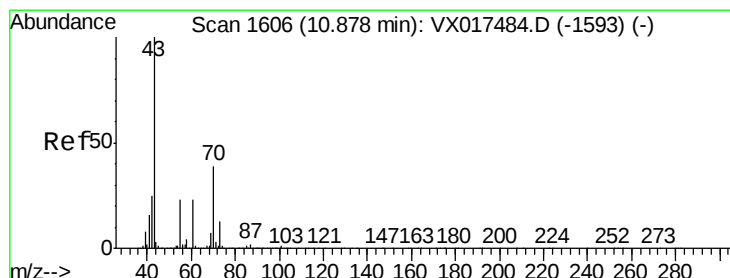
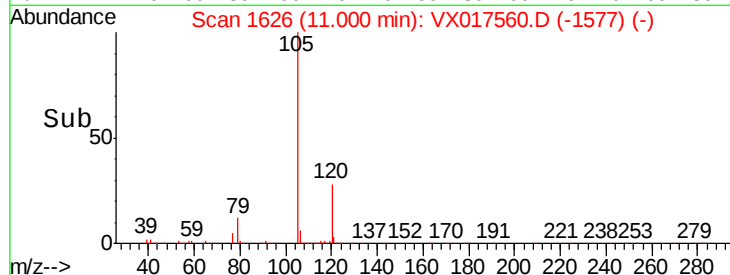
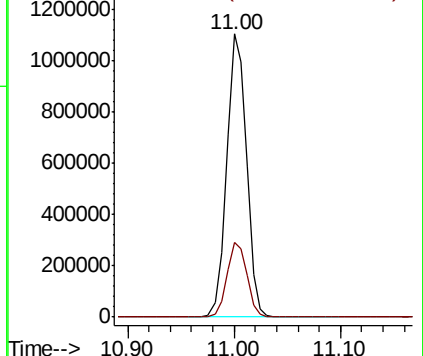
105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.483 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Tgt Ion: 43 Resp: 751212

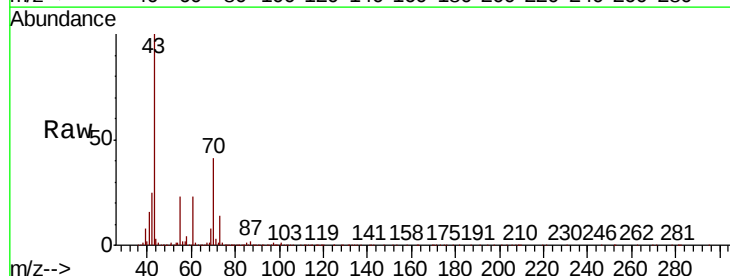
Ion Ratio Lower Upper

43 100

70 40.7 32.3 48.5

55 23.5 18.4 27.6

61 23.9 18.6 28.0

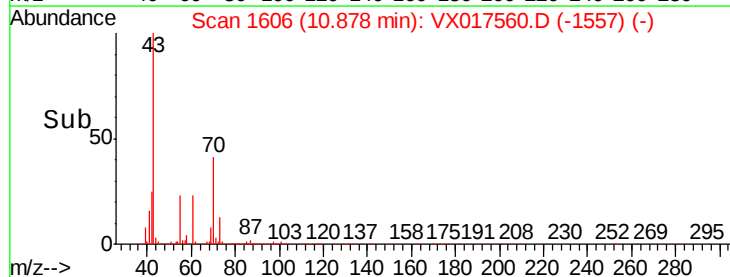
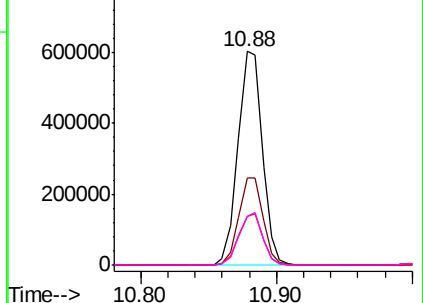


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.414 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

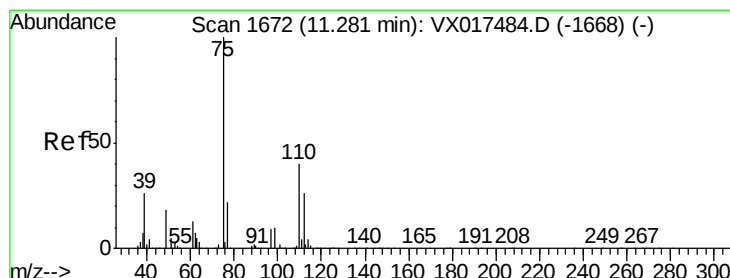
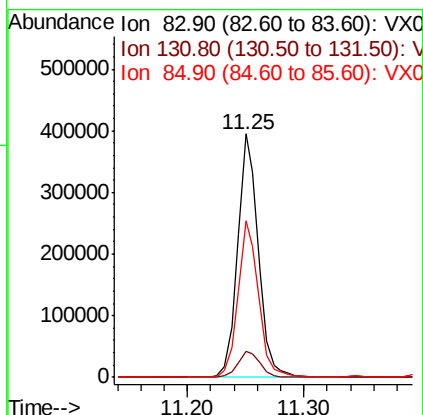
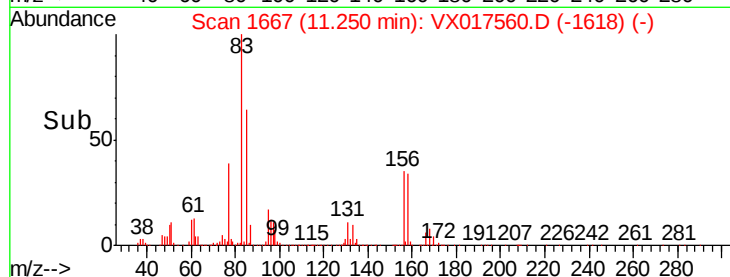
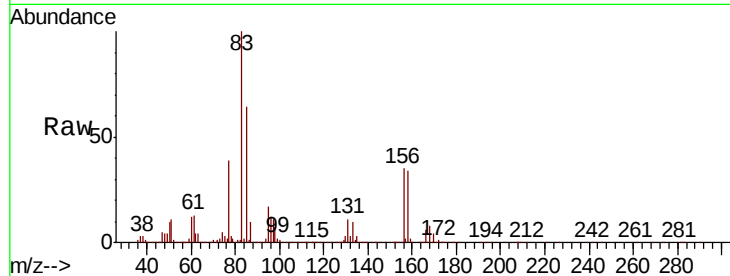
Tot Ion: 83 Resp: 489040

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.5

85 63.7 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 69.205 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017560.D

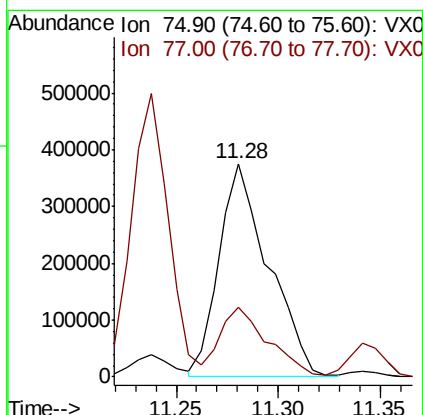
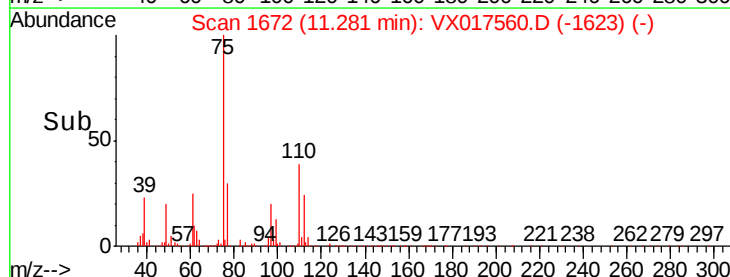
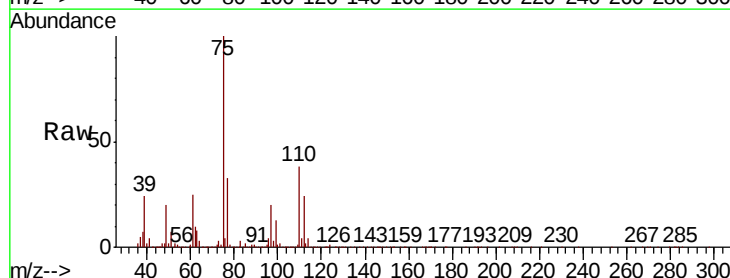
Acq: 25 Jul 2020 00:33

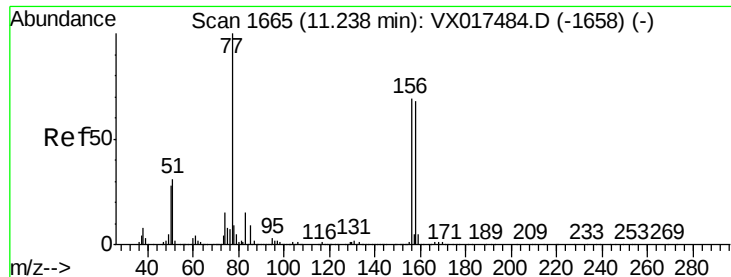
Tgt Ion: 75 Resp: 632363

Ion Ratio Lower Upper

75 100

77 31.6 21.8 65.3





#77

Bromobenzene

Concen: 48.153 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

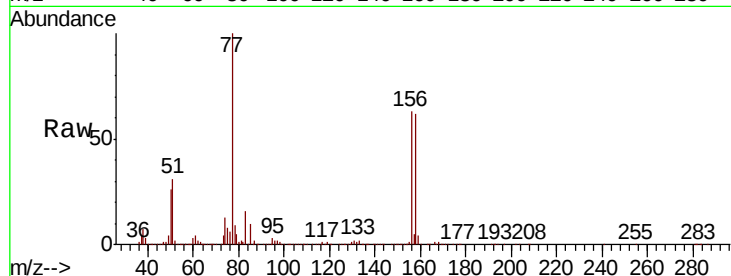
Tot Ion:156 Resp: 410802

Ion Ratio Lower Upper

156 100

77 153.5 75.0 225.0

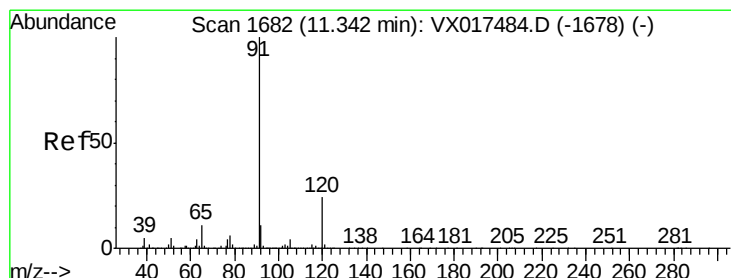
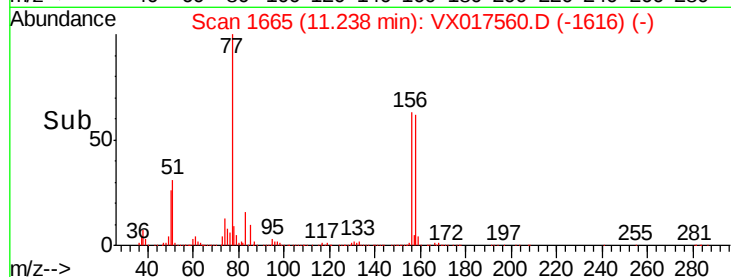
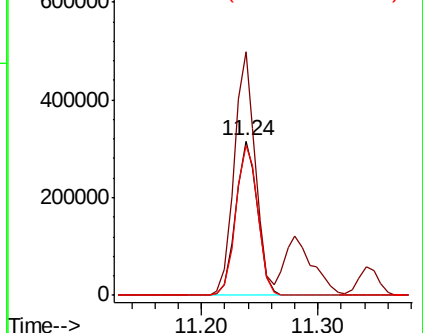
158 98.7 49.1 147.3



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: 50.968 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017560.D

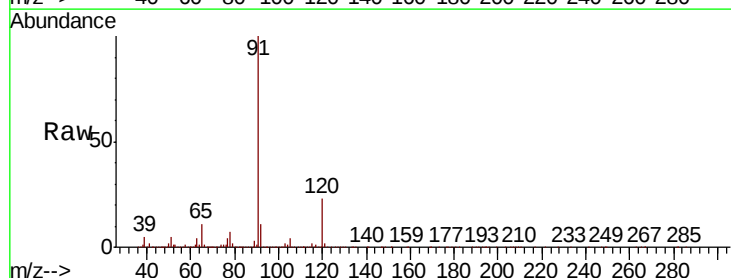
Acq: 25 Jul 2020 00:33

Tgt Ion: 91 Resp: 1751727

Ion Ratio Lower Upper

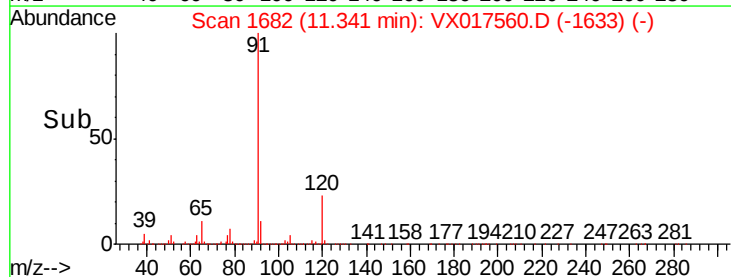
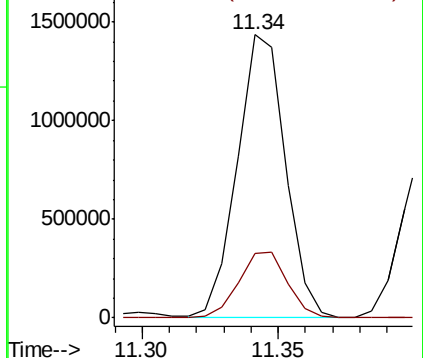
91 100

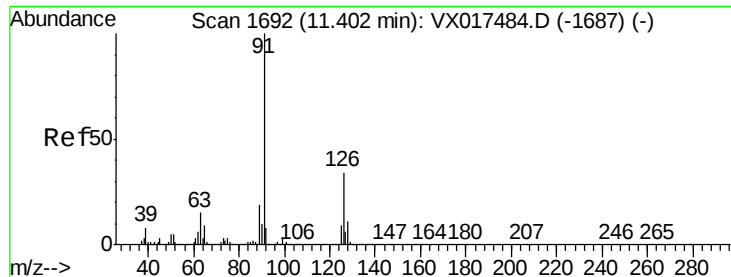
120 23.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

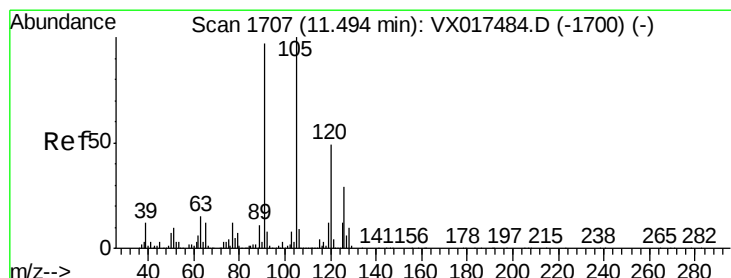
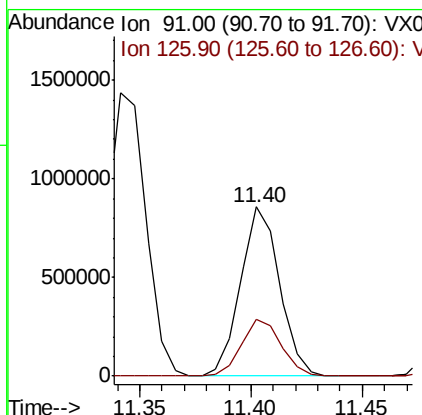
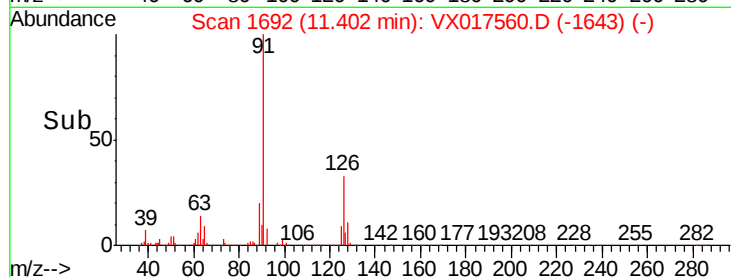
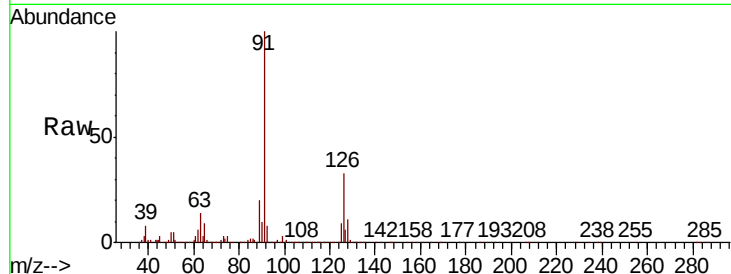




#79
 2-Chlorotoluene
 Concen: 49.159 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

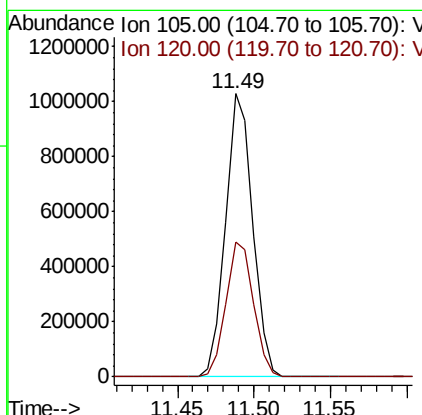
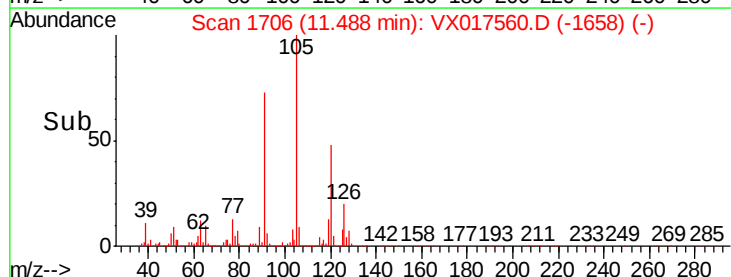
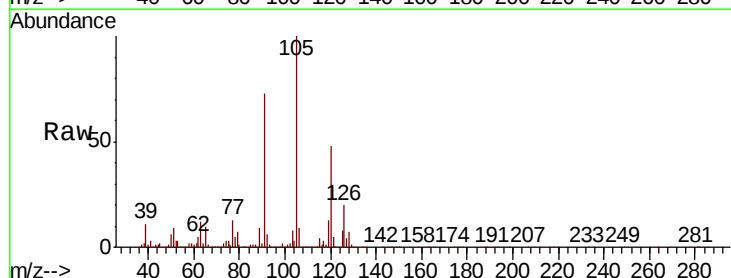
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

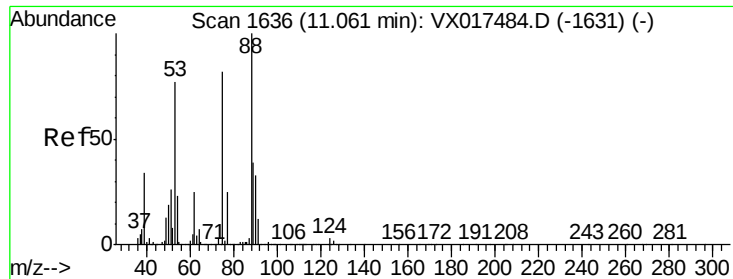
Tot Ion: 91 Resp: 1046609
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 48.414 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion:105 Resp: 1259673
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 51.940 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

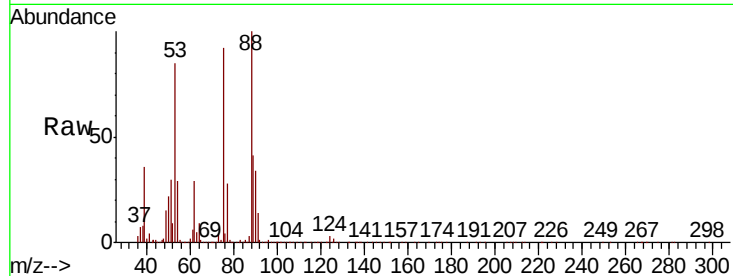
Tot Ion: 75 Resp: 188351

Ion Ratio Lower Upper

75 100

53 92.8 75.9 113.9

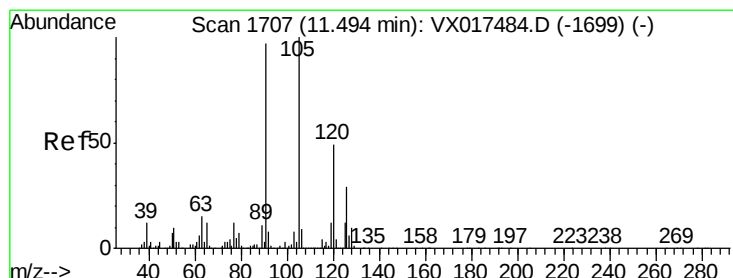
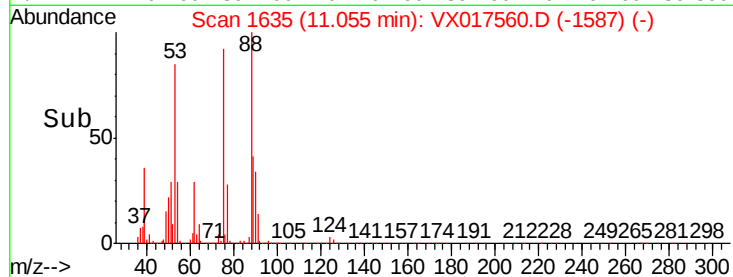
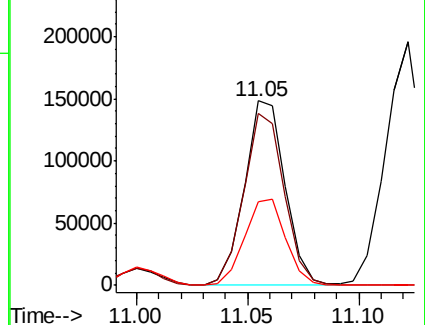
89 47.2 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.963 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017560.D

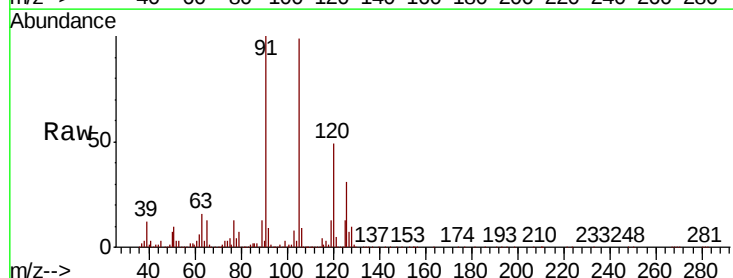
Acq: 25 Jul 2020 00:33

Tgt Ion: 91 Resp: 1204556

Ion Ratio Lower Upper

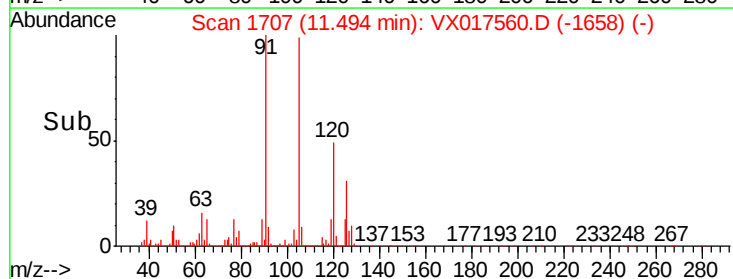
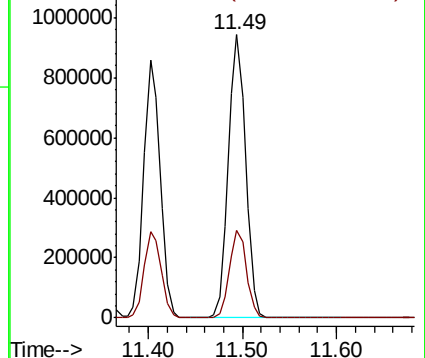
91 100

126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

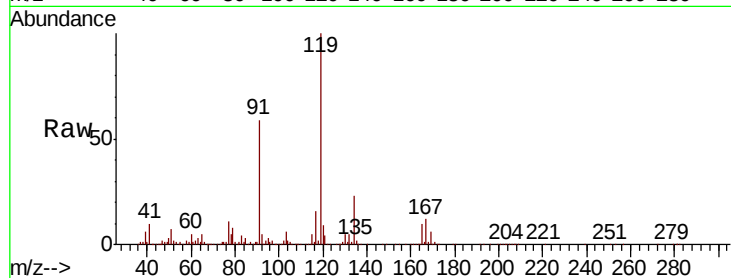




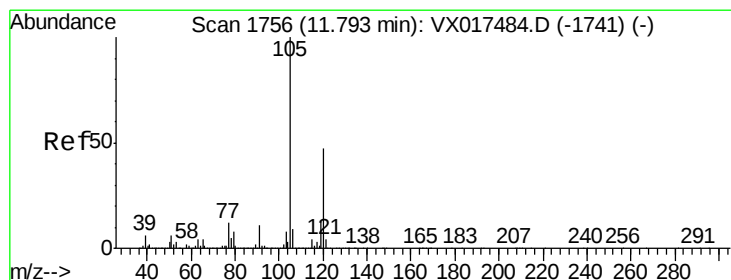
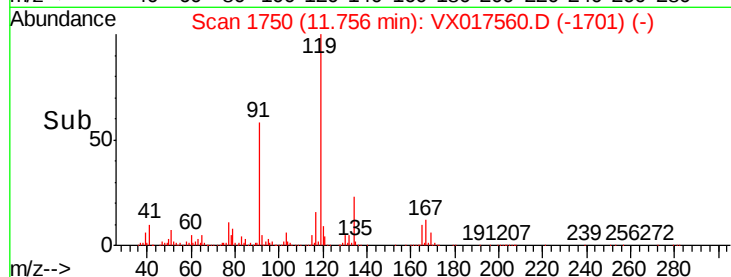
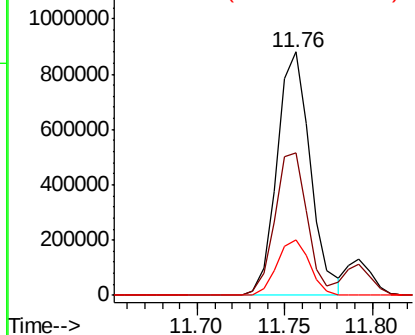
#83
tert-Butylbenzene
Concen: 46.871 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 1166920
Ion Ratio Lower Upper
119 100
91 56.9 29.3 88.0
134 22.4 11.2 33.6

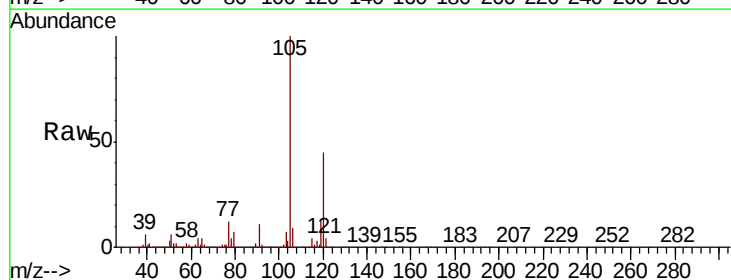


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

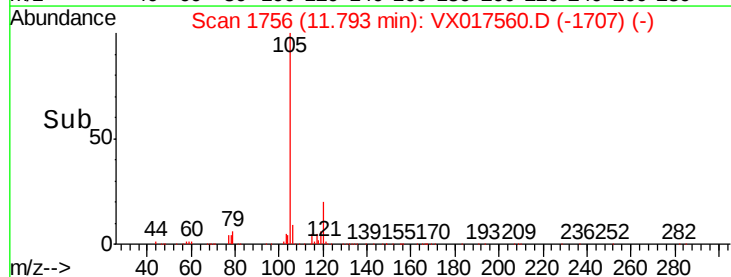
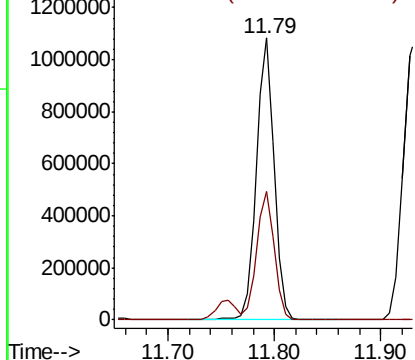


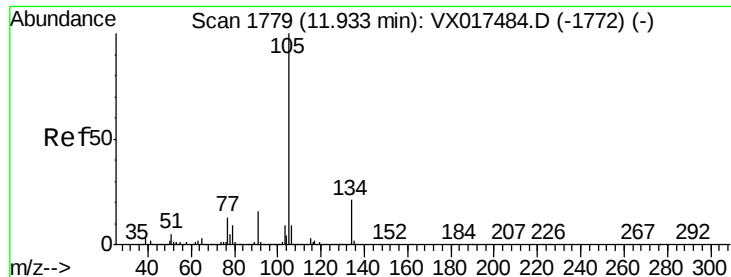
#84
1,2,4-Trimethylbenzene
Concen: 48.843 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion:105 Resp: 1263994
Ion Ratio Lower Upper
105 100
120 45.2 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

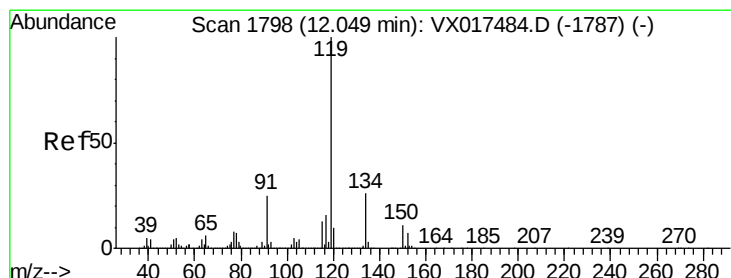
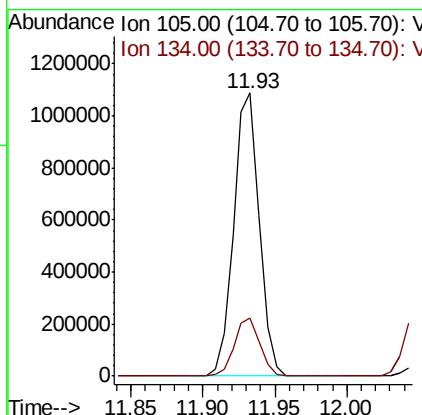
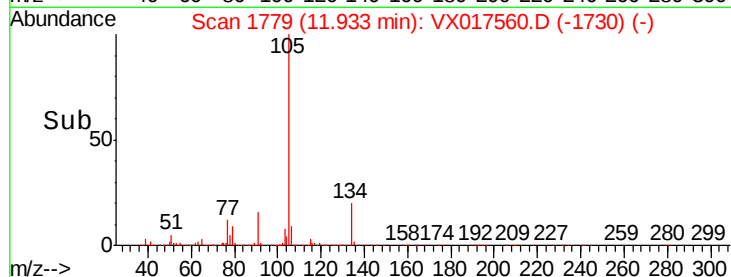
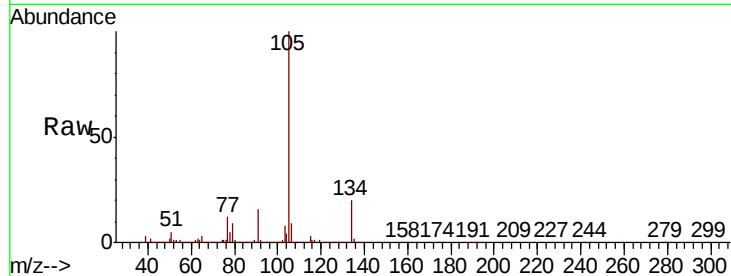




#85
 sec-Butylbenzene
 Concen: 46.539 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

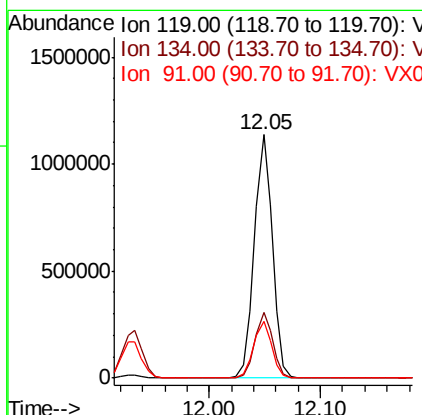
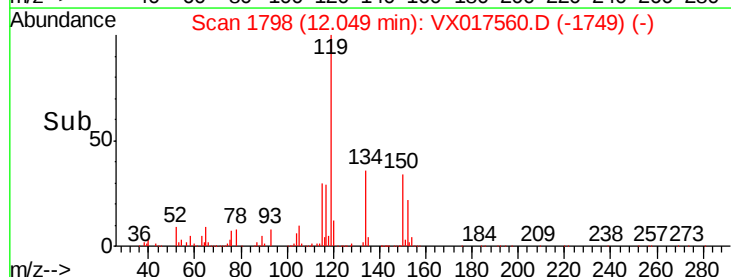
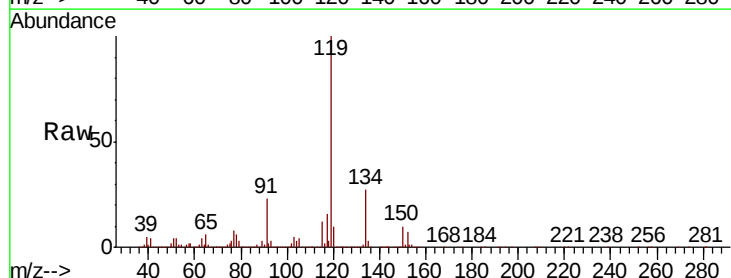
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

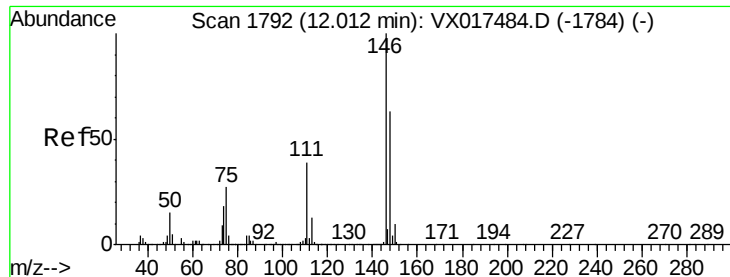
Tot Ion:105 Resp: 1349724
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 46.693 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion:119 Resp: 1289599
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 23.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 47.951 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

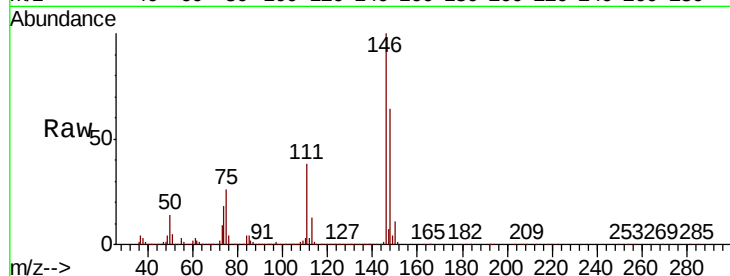
Tot Ion:146 Resp: 702484

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

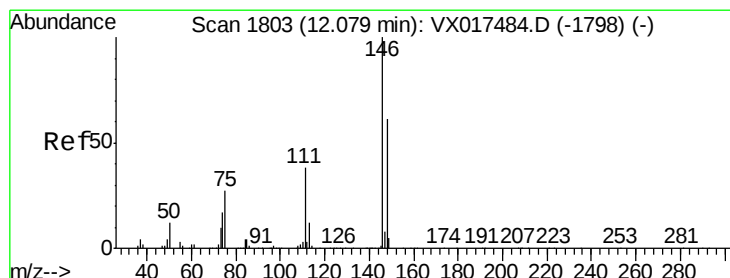
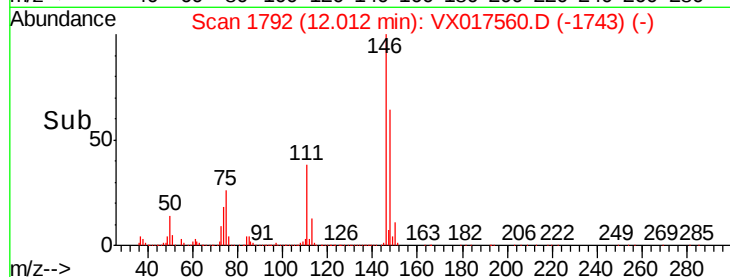
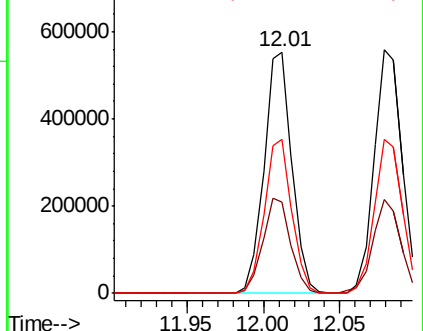
148 63.3 31.6 95.0



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



#88

1,4-Dichlorobenzene

Concen: 46.568 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

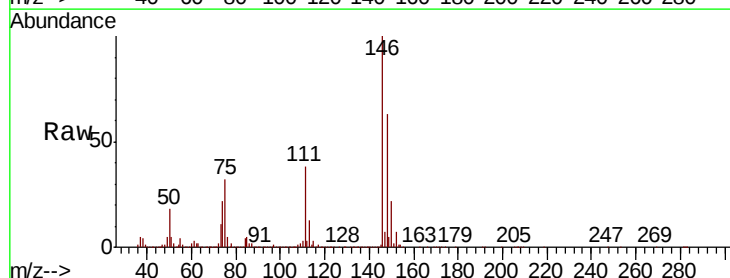
Tgt Ion:146 Resp: 706660

Ion Ratio Lower Upper

146 100

111 38.4 19.3 57.8

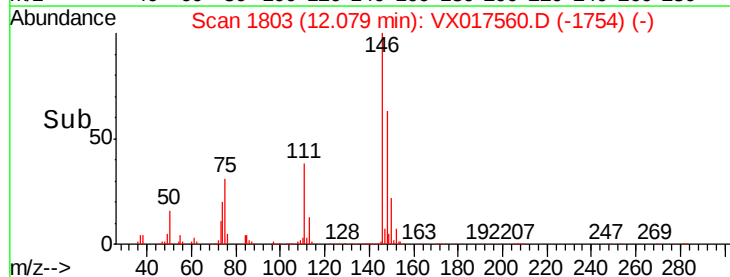
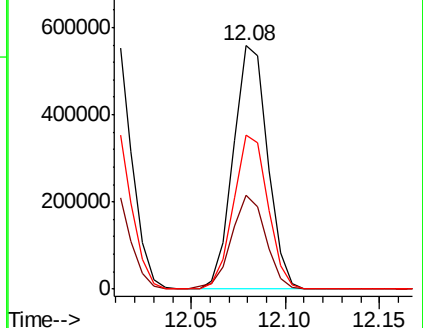
148 63.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

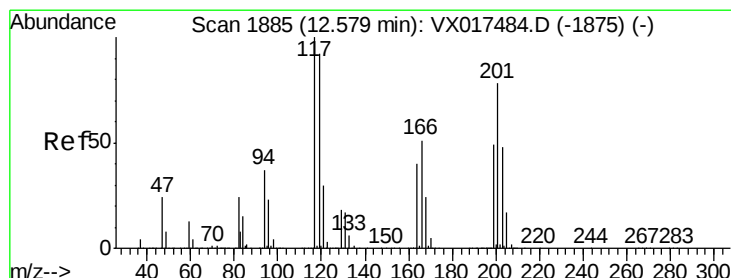
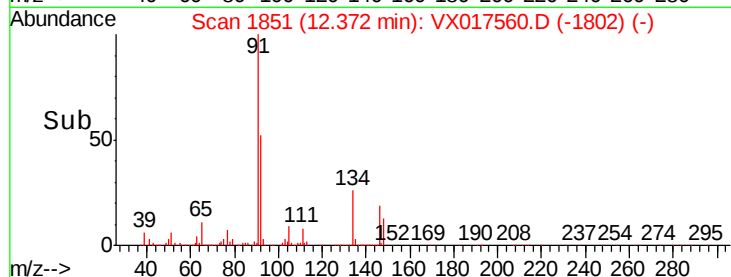
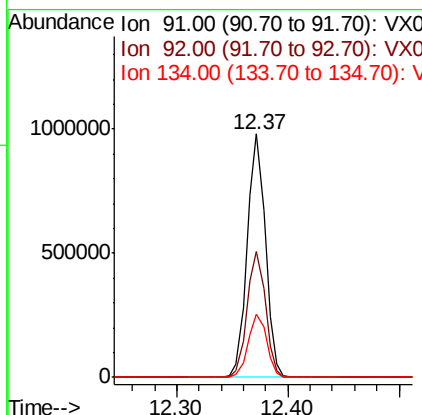
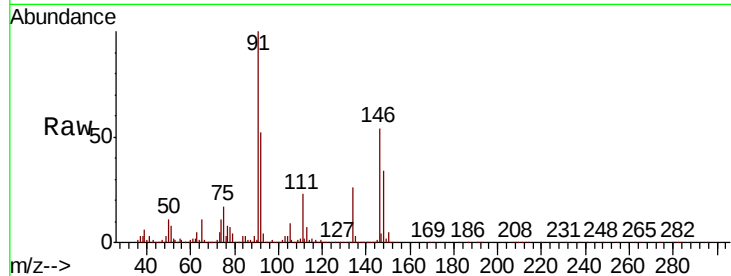




#89
n-Butylbenzene
Concen: 45.042 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

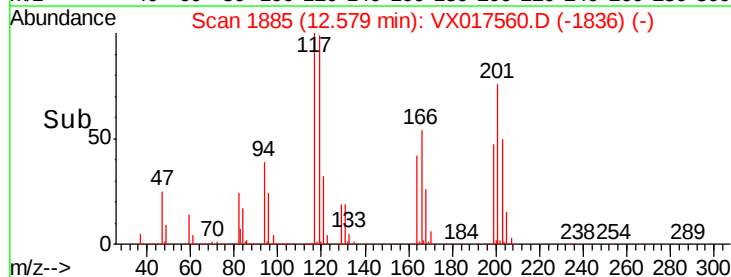
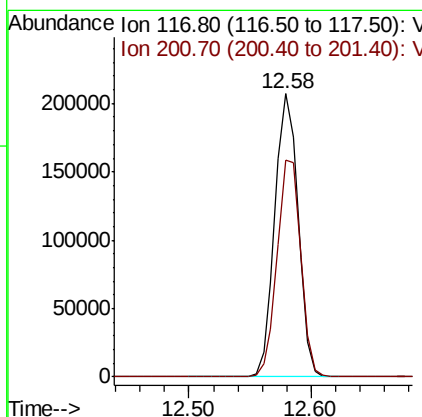
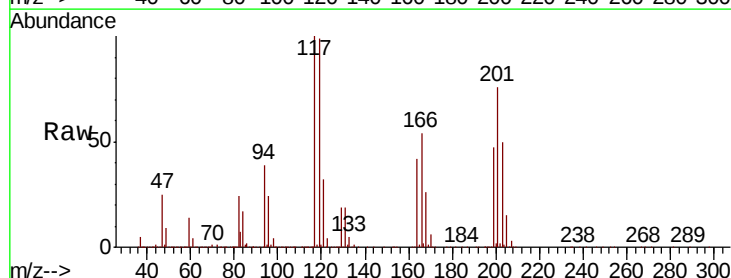
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

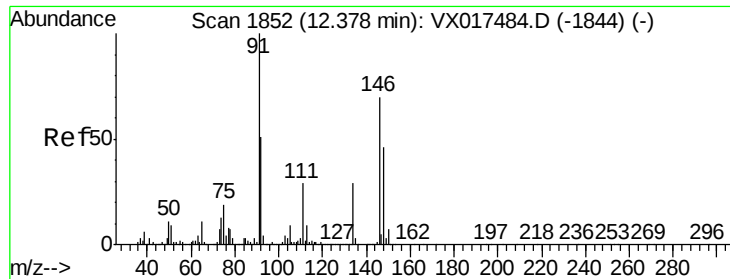
Tot Ion: 91 Resp: 1108478
Ion Ratio Lower Upper
91 100
92 52.4 26.7 80.1
134 26.2 13.6 40.7



#90
Hexachloroethane
Concen: 50.361 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 117 Resp: 274218
Ion Ratio Lower Upper
117 100
201 77.6 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 46.891 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

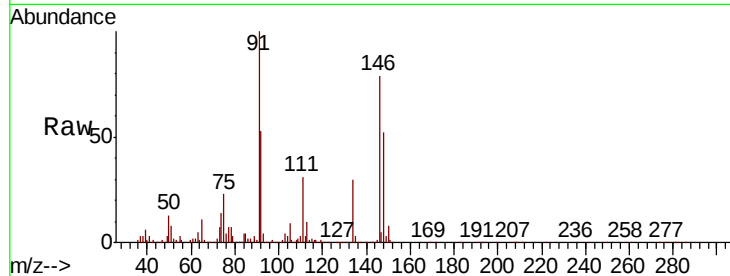
Tot Ion:146 Resp: 675155

Ion Ratio Lower Upper

146 100

111 41.7 20.9 62.8

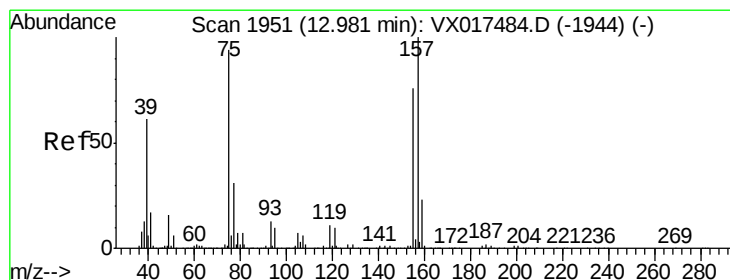
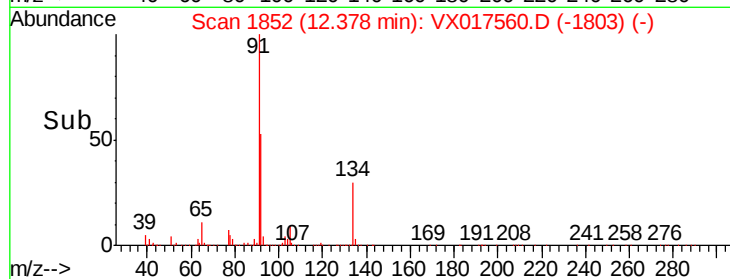
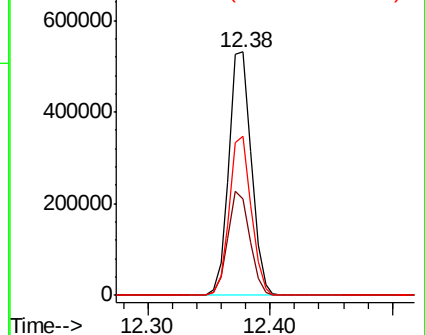
148 63.7 32.8 98.4



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: 47.067 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

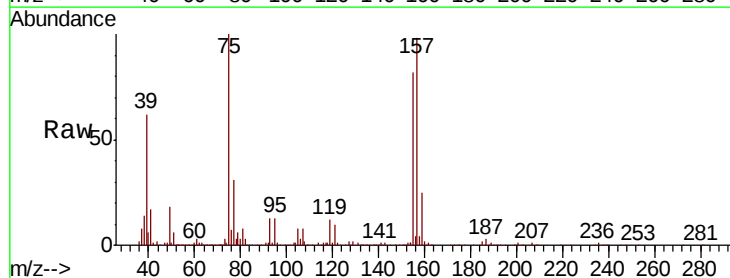
Tgt Ion: 75 Resp: 126180

Ion Ratio Lower Upper

75 100

155 85.5 42.3 126.8

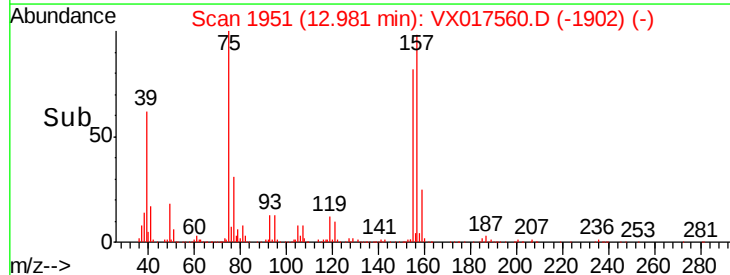
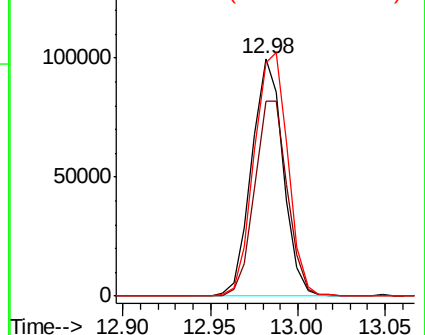
157 109.7 54.3 162.9

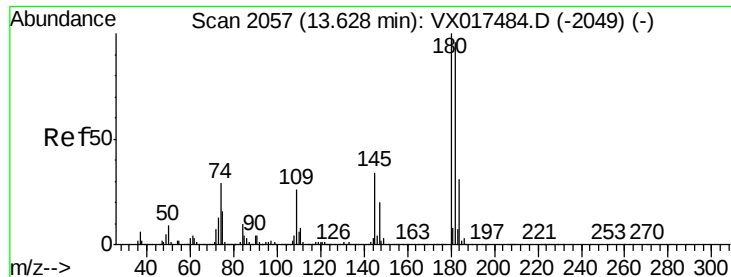


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

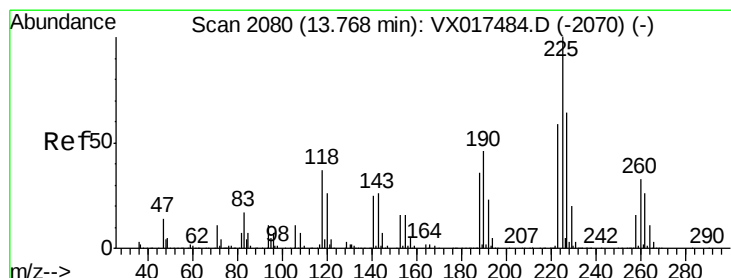
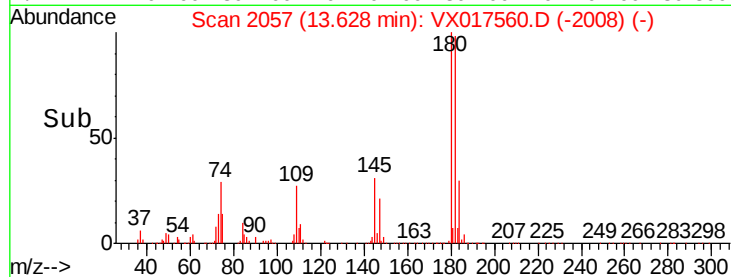
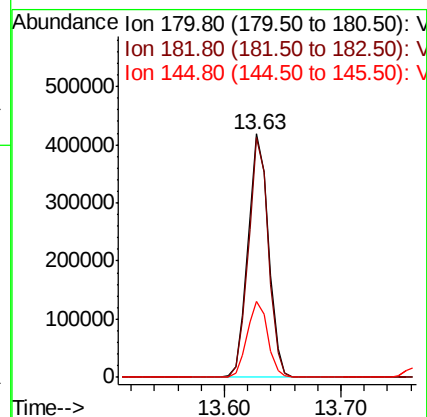
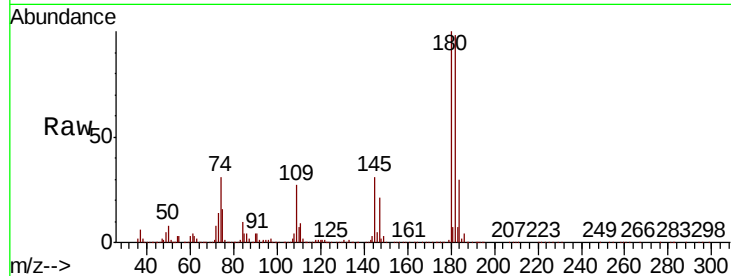




#93
 1,2,4-Trichlorobenzene
 Concen: 52.437 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

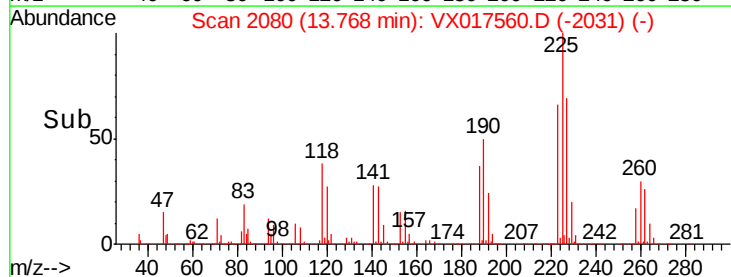
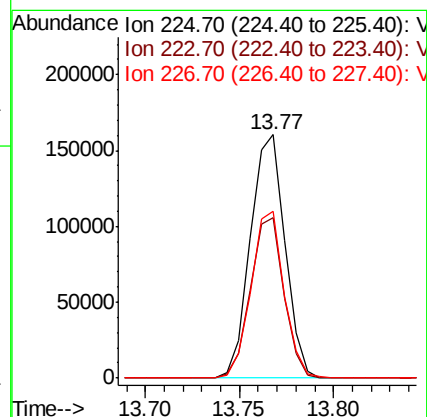
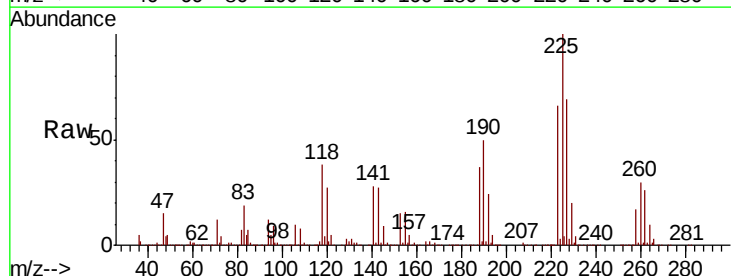
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

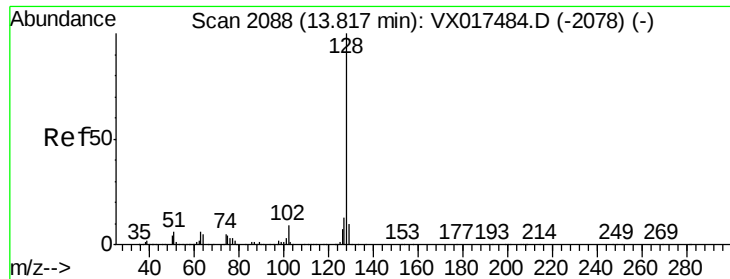
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.6
145	31.5	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 45.109 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.3	90.9
227	65.3	31.1	93.2





#95

Naphthalene

Concen: 58.365 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

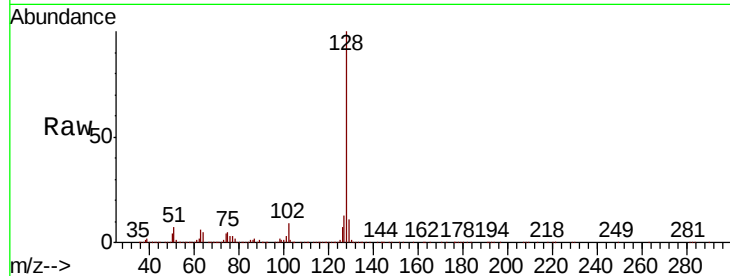
Tot Ion:128 Resp: 1712128

Ion Ratio Lower Upper

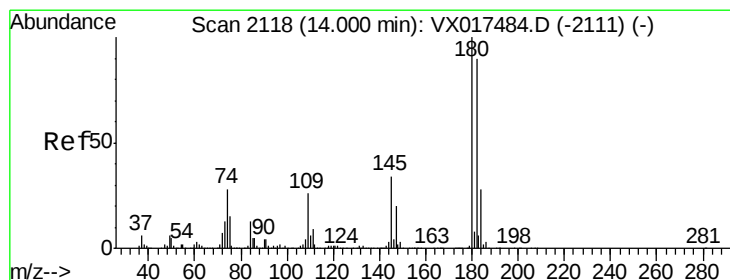
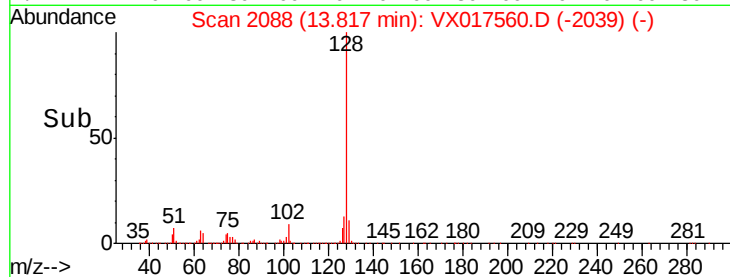
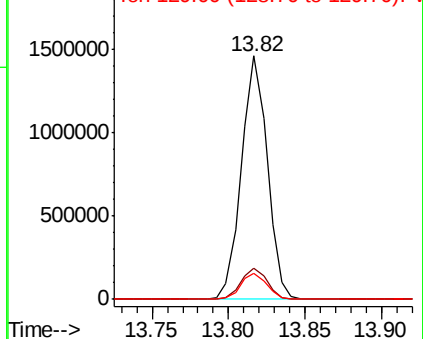
128 100

127 13.0 10.4 15.6

129 10.8 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 56.229 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

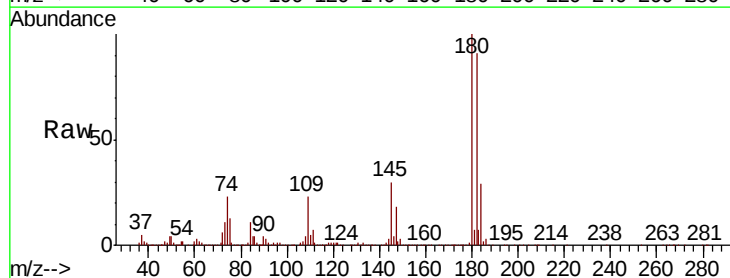
Tgt Ion:180 Resp: 545585

Ion Ratio Lower Upper

180 100

182 93.7 47.4 142.3

145 32.0 16.3 48.9



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

