

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
 Data File : VX017674.D
 Acq On : 30 Jul 2020 11:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 31 05:29:46 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	550489	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	796341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	808512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	431647	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	346959	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.46	113	275680	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	8.70	98	901766	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
62) 4-Bromofluorobenzene	11.12	95	405559	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	246002	48.129	ug/l	98
3) Chloromethane	1.32	50	290319	42.719	ug/l	99
4) Vinyl Chloride	1.39	62	290295	41.906	ug/l	100
5) Bromomethane	1.62	94	176110	47.124	ug/l	100
6) Chloroethane	1.70	64	181926	47.589	ug/l	99
7) Trichlorofluoromethane	1.92	101	490186	44.989	ug/l	99
8) Diethyl Ether	2.17	74	175361	49.633	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	268449	44.897	ug/l	98
10) Methyl Iodide	2.49	142	337839	44.165	ug/l	96
11) Tert butyl alcohol	3.01	59	340940	228.768	ug/l	99
12) 1,1-Dichloroethene	2.36	96	246459	43.345	ug/l	98
13) Acrolein	2.27	56	295724	259.733	ug/l	100
14) Allyl chloride	2.70	41	489290	47.127	ug/l	97
15) Acrylonitrile	3.11	53	756902	235.140	ug/l	99
16) Acetone	2.42	43	677126	217.563	ug/l	97
17) Carbon Disulfide	2.55	76	696256	40.287	ug/l	100
18) Methyl Acetate	2.75	43	360216	49.143	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	930239	47.268	ug/l	99
20) Methylene Chloride	2.84	84	292626	49.920	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	280776	46.095	ug/l	97
22) Diisopropyl ether	3.82	45	919429	48.432	ug/l	96
23) Vinyl Acetate	3.78	43	4180146	246.959	ug/l	98
24) 1,1-Dichloroethane	3.67	63	512105	46.829	ug/l	100
25) 2-Butanone	4.64	43	1045443	236.452	ug/l	98
26) 2,2-Dichloropropane	4.55	77	476431	48.670	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	315967	47.757	ug/l	98
28) Bromochloromethane	4.98	49	226361	45.677	ug/l	94
29) Tetrahydrofuran	5.09	42	635199	231.934	ug/l	99
30) Chloroform	5.17	83	526085	47.081	ug/l	99
31) Cyclohexane	5.54	56	383131	43.933	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	485634	46.089	ug/l	99
36) 1,1-Dichloropropene	5.76	75	364032	47.663	ug/l	99
37) Ethyl Acetate	4.79	43	393708	47.113	ug/l	100
38) Carbon Tetrachloride	5.75	117	442446	47.704	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	405887	45.524	ug/l	99
40) Benzene	6.10	78	1029750	47.027	ug/l	98
41) Methacrylonitrile	5.01	41	225019	46.977	ug/l	99
42) 1,2-Dichloroethane	6.16	62	438232	48.920	ug/l	100
43) Isopropyl Acetate	6.41	43	617692	44.799	ug/l	99
44) Trichloroethene	7.18	130	338032	52.825	ug/l	99
45) 1,2-Dichloropropane	7.49	63	273118	44.994	ug/l	99
46) Dibromomethane	7.63	93	203577	47.456	ug/l	98
47) Bromodichloromethane	7.87	83	415620	48.151	ug/l	100
48) Methyl methacrylate	7.75	41	313474	45.865	ug/l	96
49) 1,4-Dioxane	7.71	88	125407	957.039	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1856844	225.705	ug/l	99
52) Toluene	8.76	92	630917	44.928	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	518998	53.713	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	464051	47.085	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	307855	52.626	ug/l	99
56) Ethyl methacrylate	9.16	69	469594	53.282	ug/l	100
57) 1,3-Dichloropropane	9.35	76	502105	52.126	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1097367	236.336	ug/l	99
59) 2-Hexanone	9.47	43	1581242	255.291	ug/l	100
60) Dibromochloromethane	9.56	129	388587	52.263	ug/l	100
61) 1,2-Dibromoethane	9.65	107	337964	54.265	ug/l	99
64) Tetrachloroethene	9.32	164	342922	47.256	ug/l	97
65) Chlorobenzene	10.12	112	819969	46.854	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	337350	47.763	ug/l	99
67) Ethyl Benzene	10.23	91	1403259	48.036	ug/l	99
68) m/p-Xylenes	10.34	106	1072376	94.758	ug/l	96
69) o-Xylene	10.68	106	512223	47.060	ug/l	99
70) Styrene	10.70	104	902879	48.755	ug/l	100
71) Bromoform	10.84	173	287994	47.064	ug/l #	97
73) Isopropylbenzene	11.00	105	1408425	47.563	ug/l	99
74) N-amyl acetate	10.88	43	604932	45.979	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	411182	44.486	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	530130	59.705	ug/l	81
77) Bromobenzene	11.24	156	379620	45.793	ug/l	99
78) n-propylbenzene	11.34	91	1626719	48.708	ug/l	99
79) 2-Chlorotoluene	11.40	91	968310	46.805	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1217895	48.171	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	159399	45.235	ug/l	98
82) 4-Chlorotoluene	11.49	91	1167126	47.825	ug/l	100
83) tert-Butylbenzene	11.76	119	1157933	47.864	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1244971	49.508	ug/l	99
85) sec-Butylbenzene	11.93	105	1384644	49.132	ug/l	99
86) p-Isopropyltoluene	12.05	119	1329324	49.532	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	686151	48.199	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	693008	46.998	ug/l	99
89) n-Butylbenzene	12.37	91	1163381	48.648	ug/l	98
90) Hexachloroethane	12.58	117	240138	45.386	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	656686	46.935	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	110016	42.497	ug/l	99

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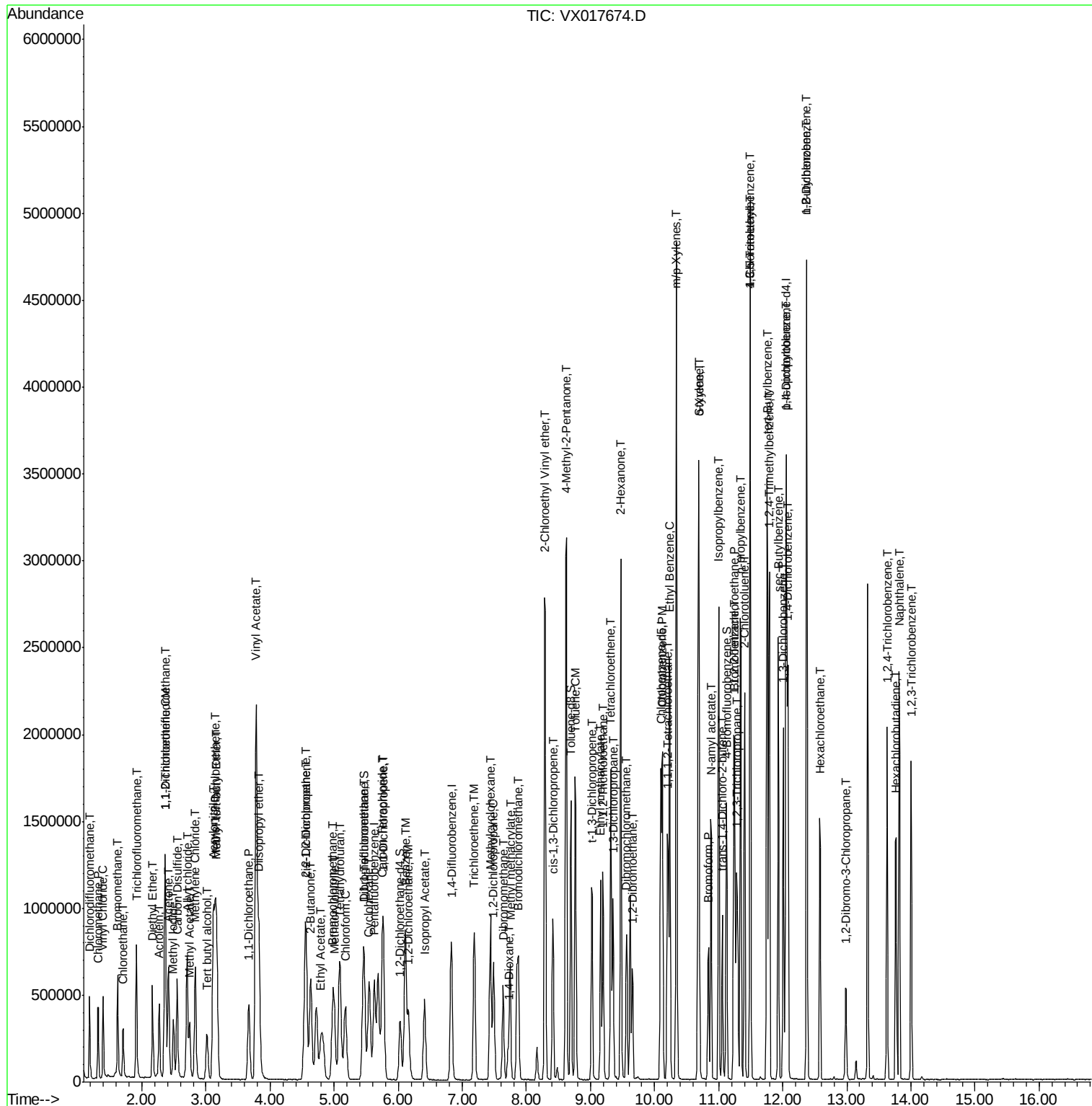
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	481322	50.406	ug/l	100
94) Hexachlorobutadiene	13.77	225	210826	47.964	ug/l	98
95) Naphthalene	13.82	128	1407918	49.391	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	468955	49.738	ug/l	98

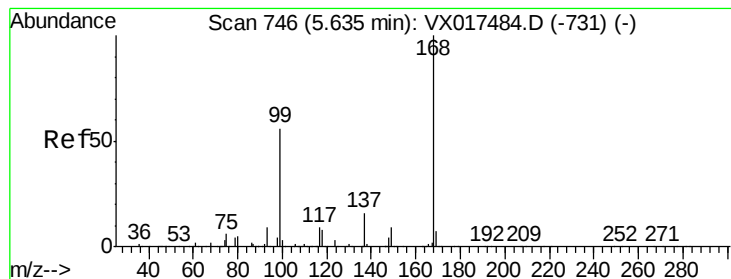
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

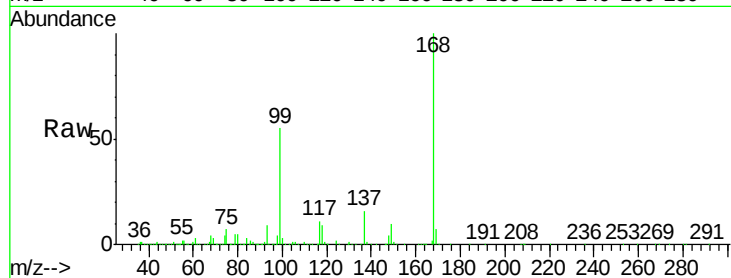
VSTDCCC050

Tot Ion:168 Resp: 550489

Ion Ratio Lower Upper

168 100

99 55.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

200000

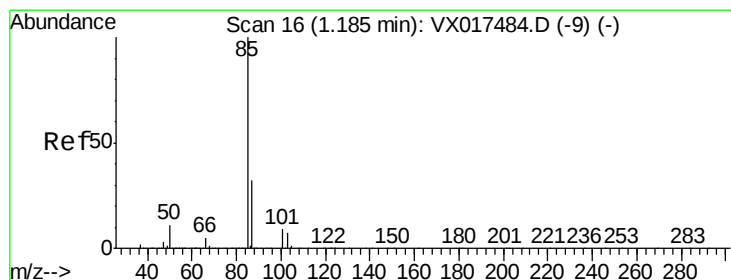
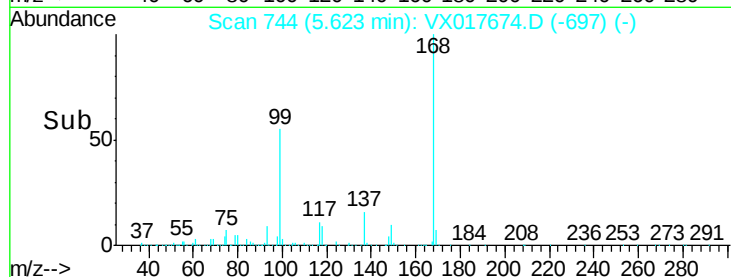
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.129 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017674.D

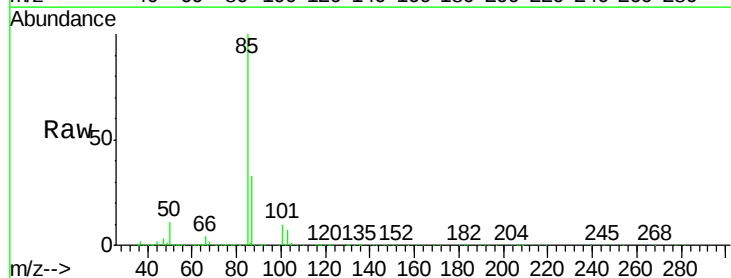
Acq: 30 Jul 2020 11:02

Tgt Ion: 85 Resp: 246002

Ion Ratio Lower Upper

85 100

87 33.3 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

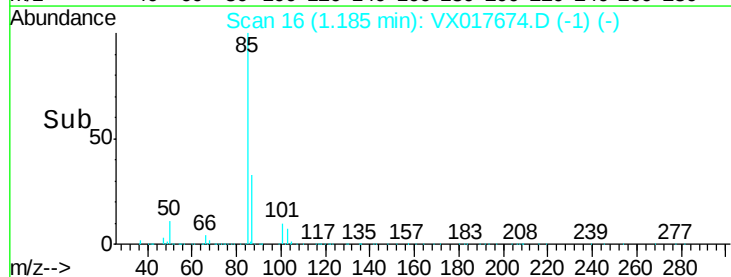
150000

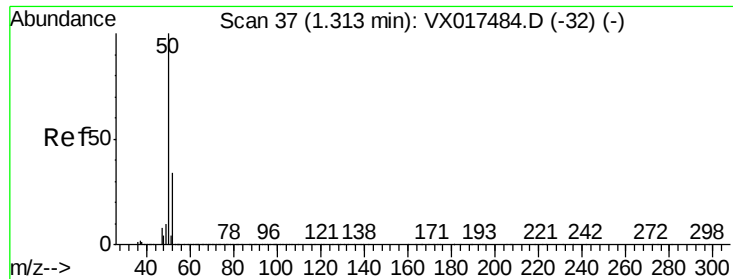
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50000

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Time-->

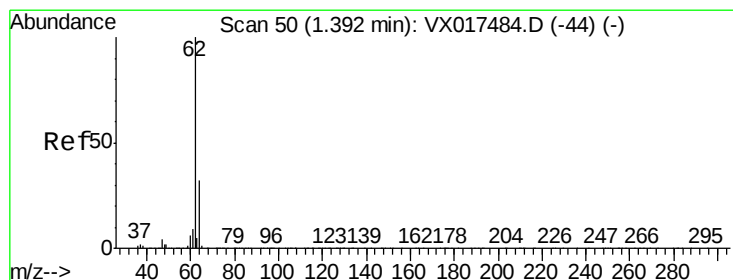
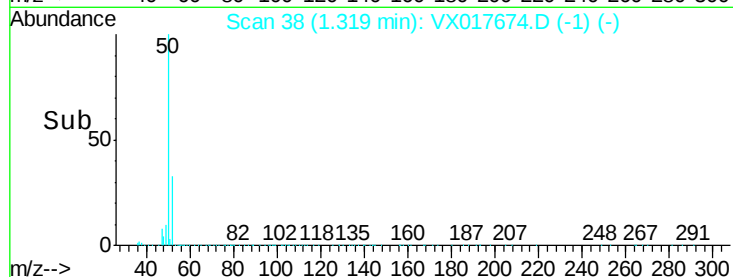
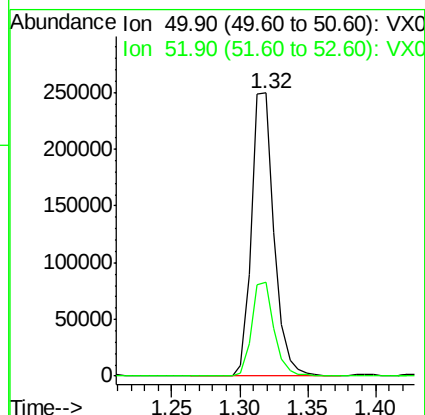
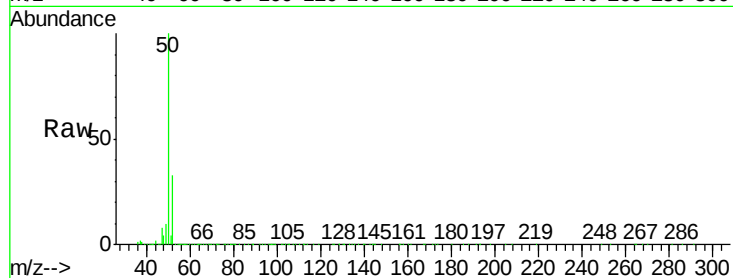




#3
Chloromethane
Concen: 42.719 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

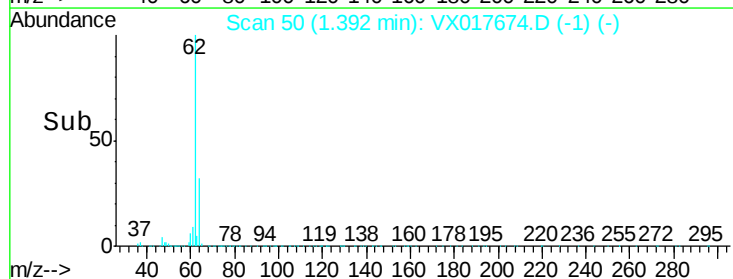
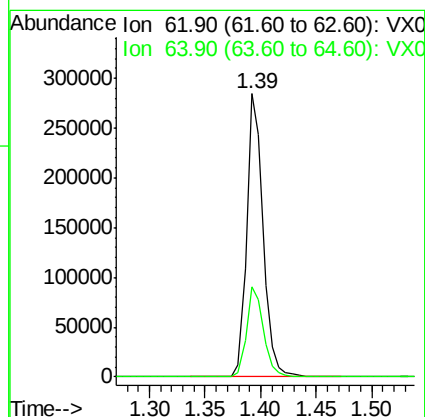
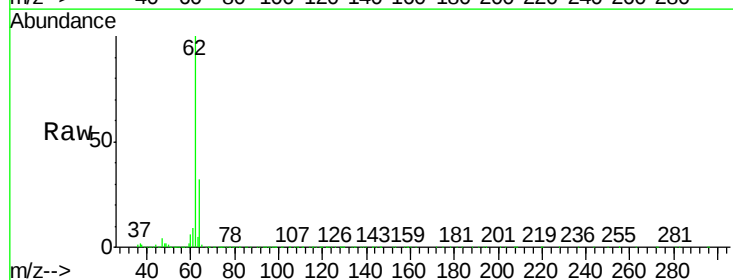
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

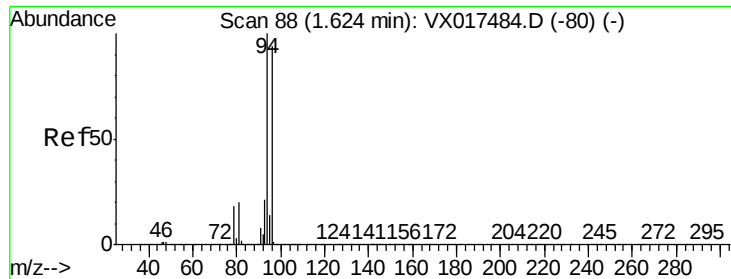
Tot Ion: 50 Resp: 290319
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9



#4
Vinyl Chloride
Concen: 41.906 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 62 Resp: 290295
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8





#5

Bromomethane

Concen: 47.124 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

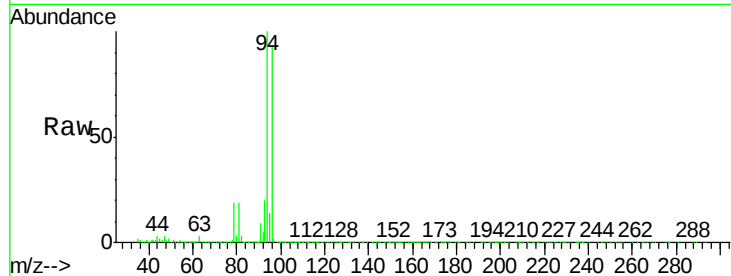
VSTDCCC050

Tot Ion: 94 Resp: 176110

Ion Ratio Lower Upper

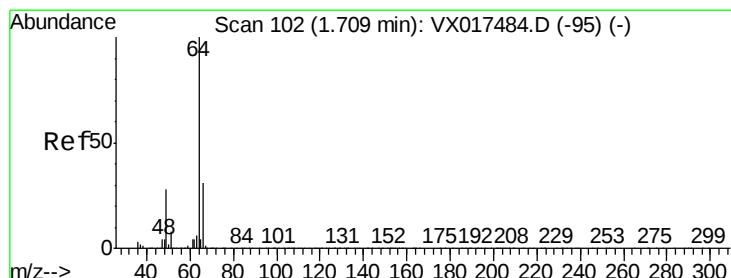
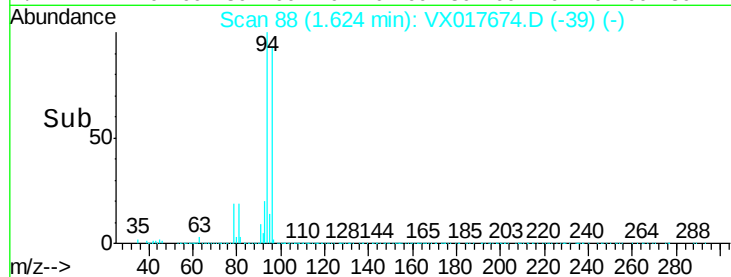
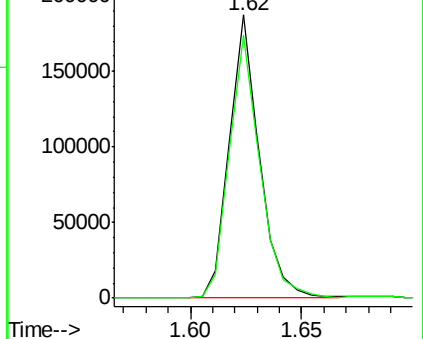
94 100

96 92.8 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.589 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017674.D

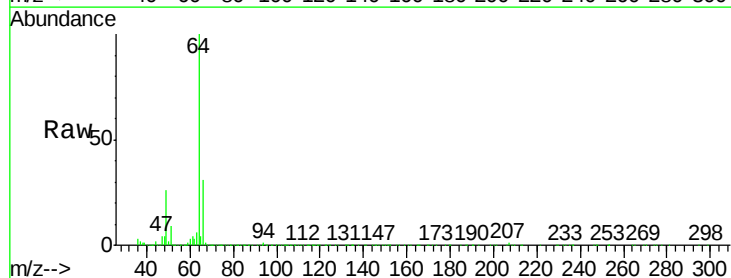
Acq: 30 Jul 2020 11:02

Tgt Ion: 64 Resp: 181926

Ion Ratio Lower Upper

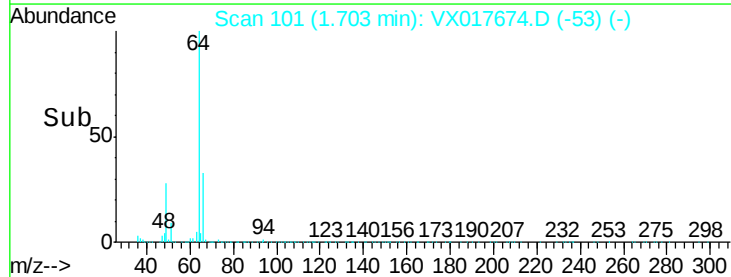
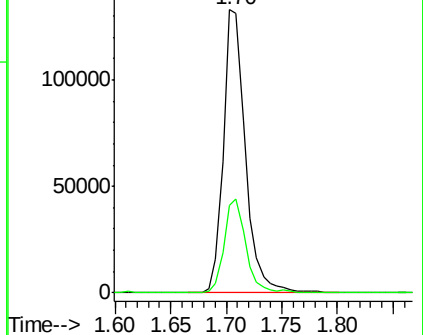
64 100

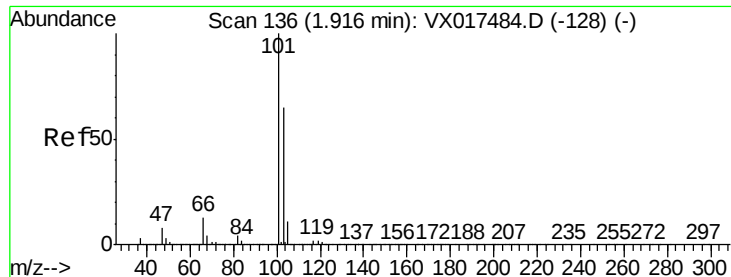
66 30.8 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



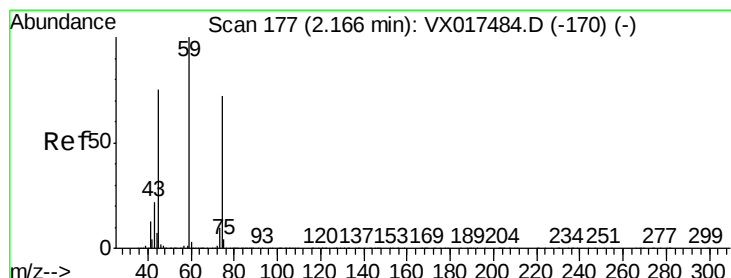
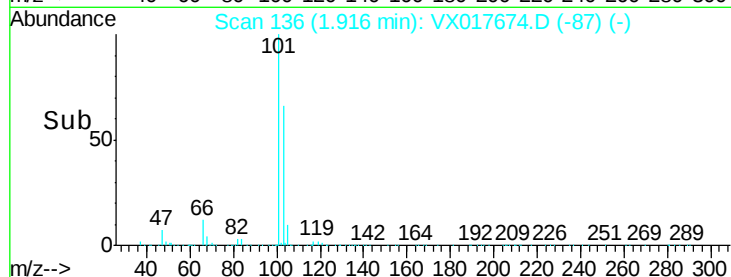
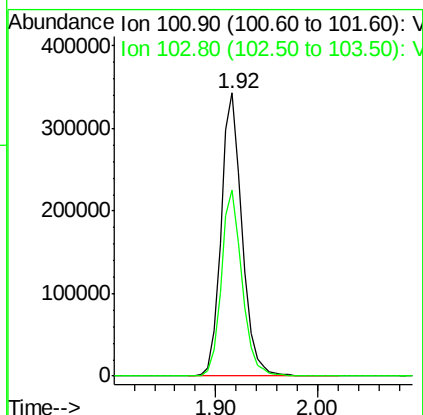
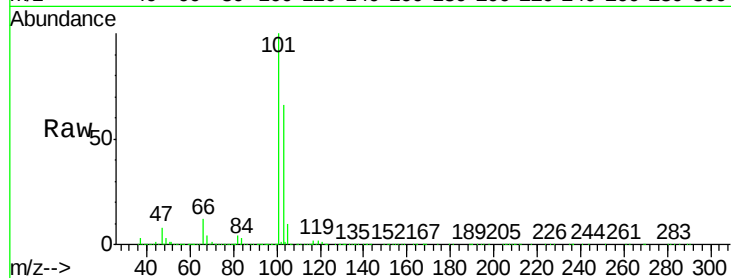


#7

Trichlorofluoromethane
Concen: 44.989 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
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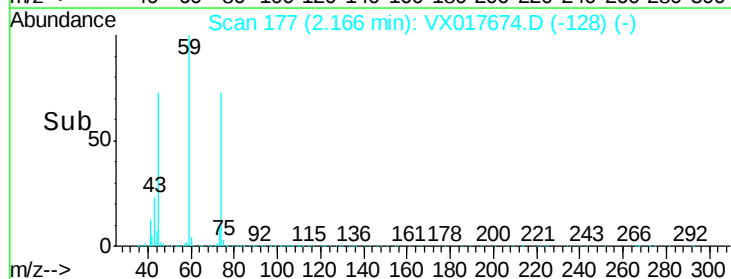
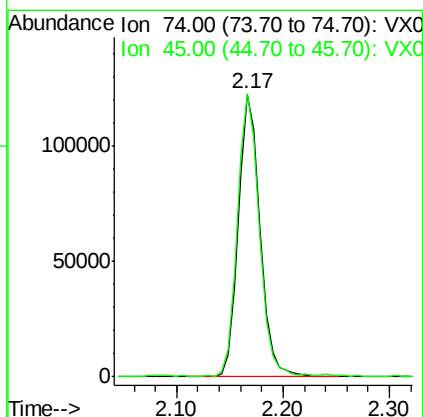
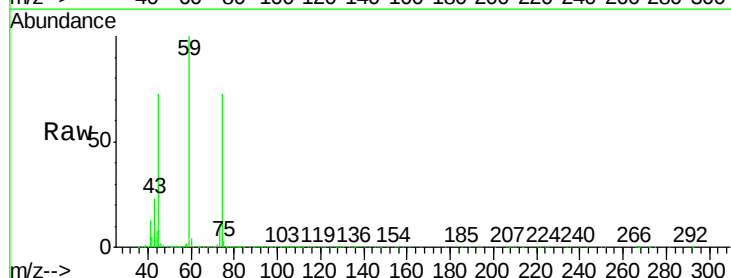
Tot Ion:101 Resp: 490186
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.8

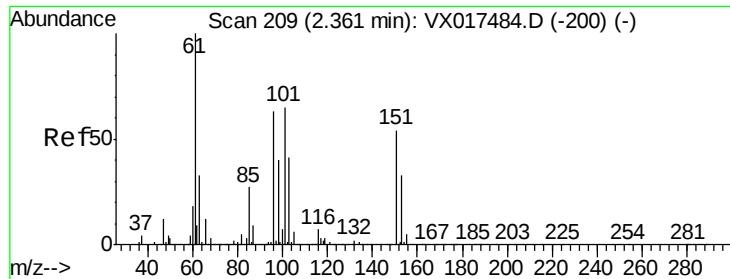


#8

Diethyl Ether
Concen: 49.633 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 74 Resp: 175361
Ion Ratio Lower Upper
74 100
45 100.1 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.897 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

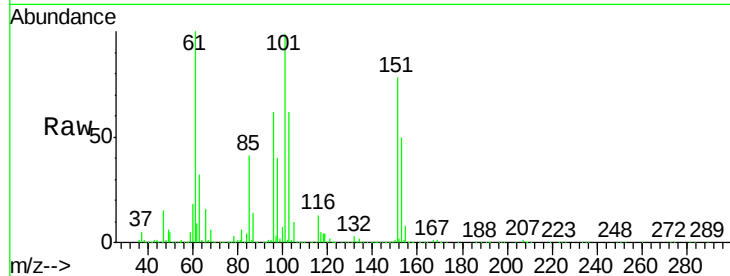
Tot Ion:101 Resp: 268449

Ion Ratio Lower Upper

101 100

85 44.2 34.8 52.2

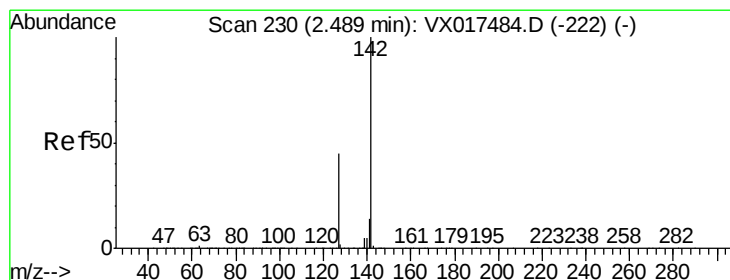
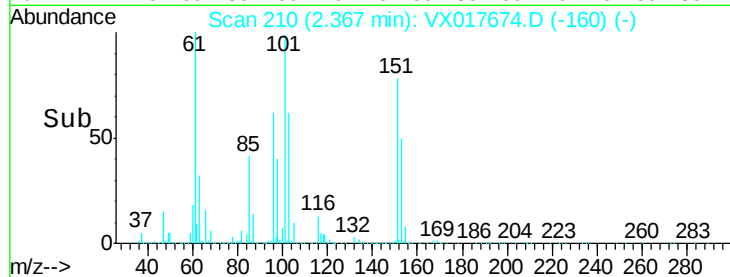
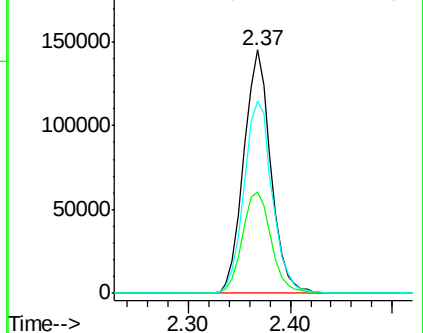
151 82.6 68.0 102.0



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: 44.165 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

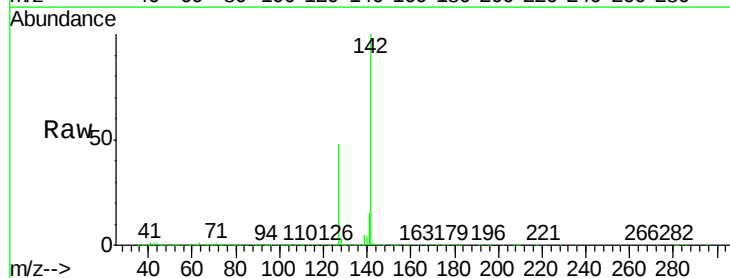
Tgt Ion:142 Resp: 337839

Ion Ratio Lower Upper

142 100

127 48.4 35.9 53.9

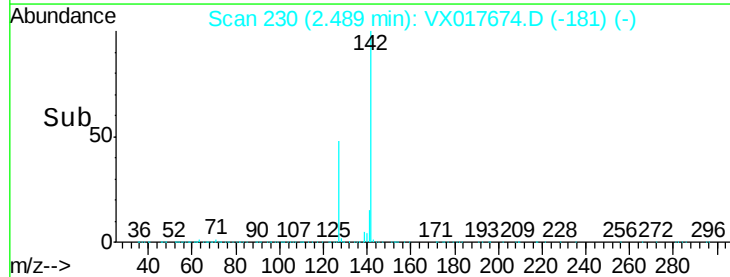
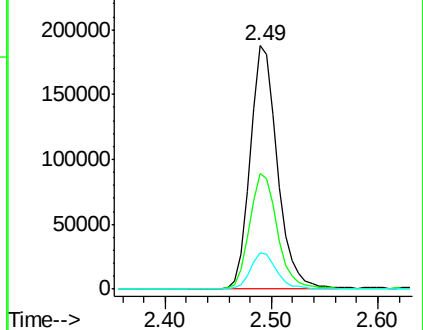
141 14.7 11.4 17.0

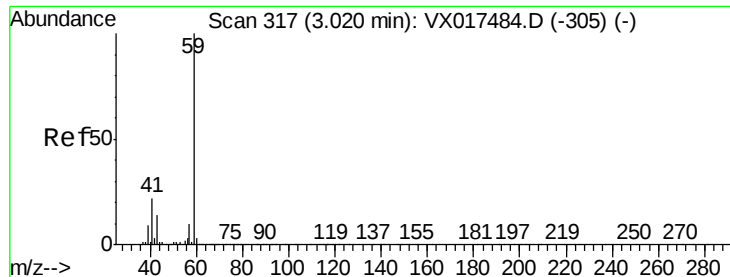


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



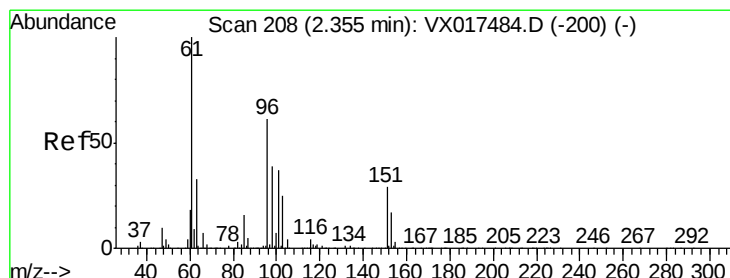
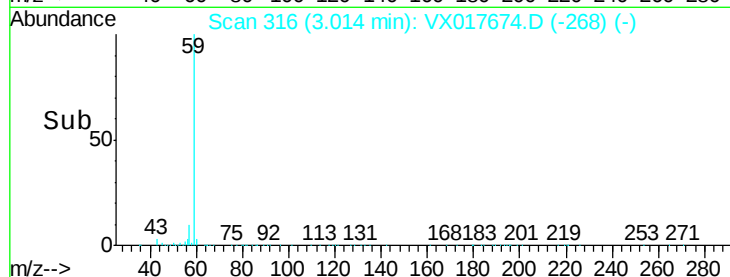
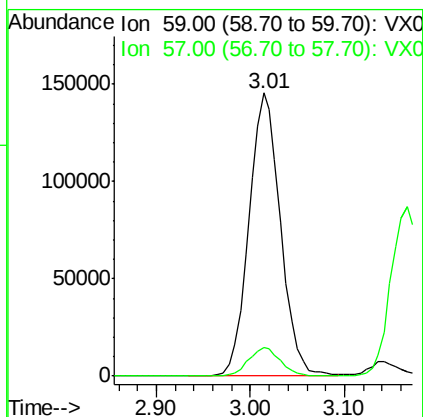
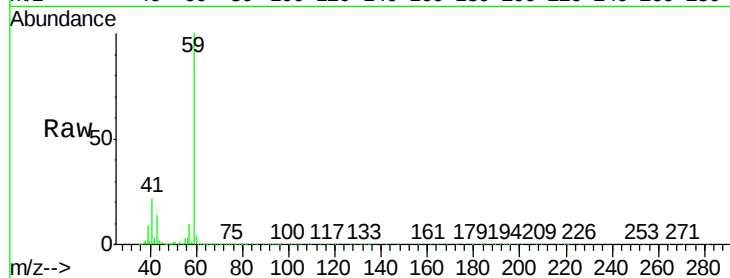


#11

Tert butyl alcohol
Concen: 228.768 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

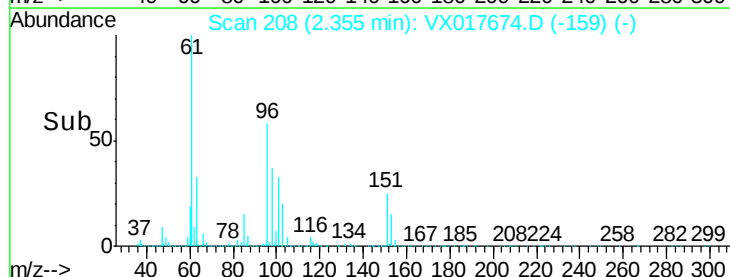
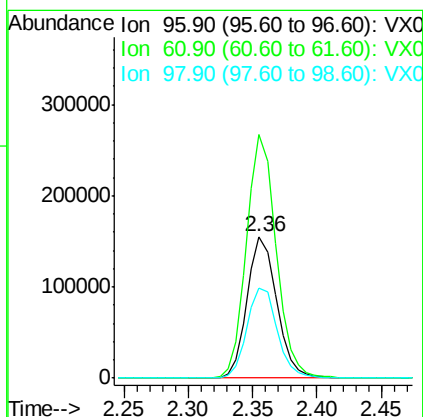
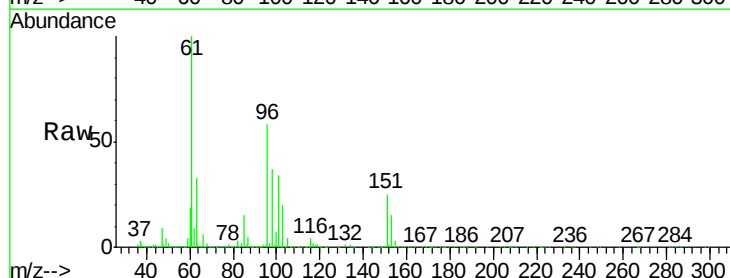
Tot Ion: 59 Resp: 340940
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

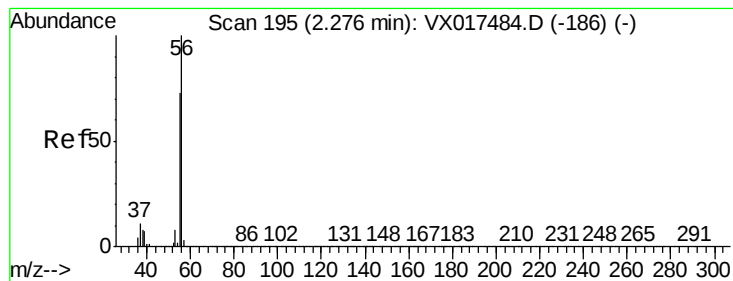


#12

1,1-Dichloroethene
Concen: 43.345 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 96 Resp: 246459
Ion Ratio Lower Upper
96 100
61 171.8 134.0 201.0
98 63.8 51.0 76.4





#13

Acrolein

Concen: 259.733 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

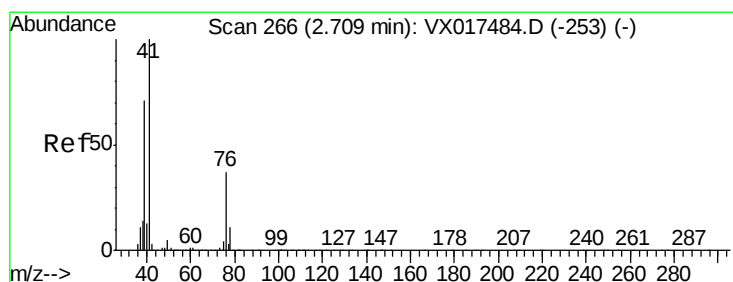
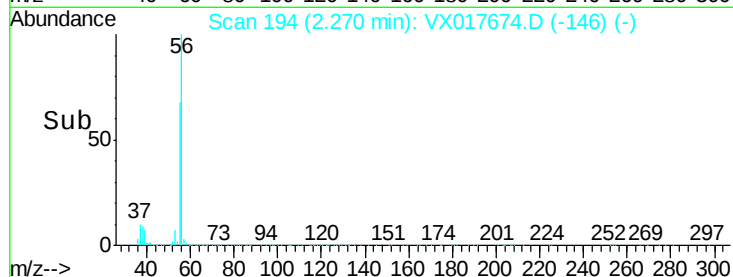
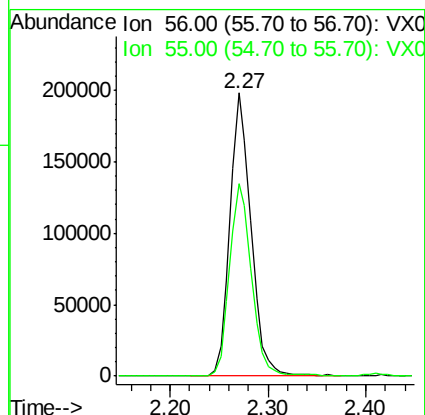
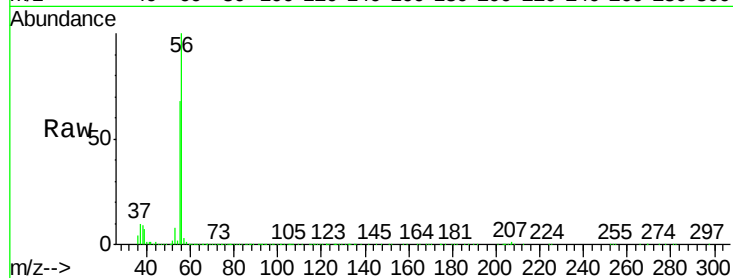
VSTDCCC050

Tot Ion: 56 Resp: 295724

Ion Ratio Lower Upper

56 100

55 71.6 57.4 86.2



#14

Allyl chloride

Concen: 47.127 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

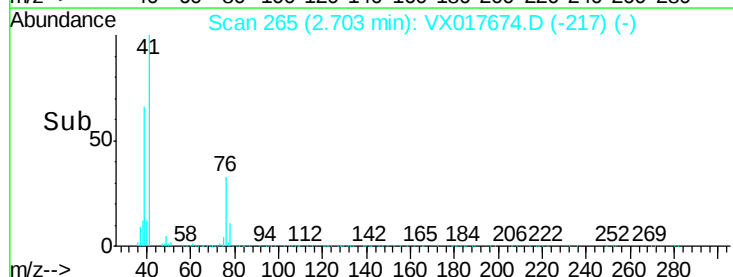
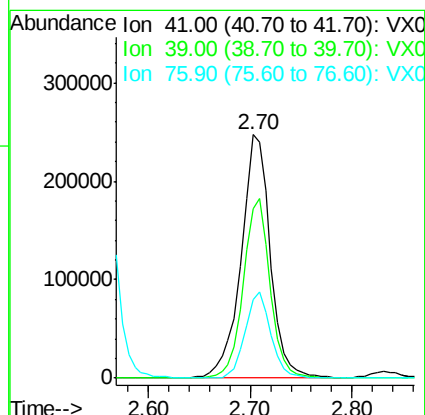
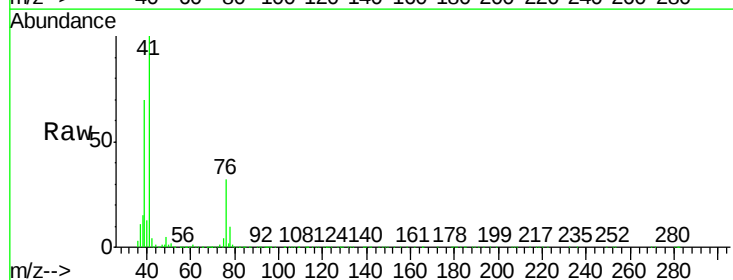
Tgt Ion: 41 Resp: 489290

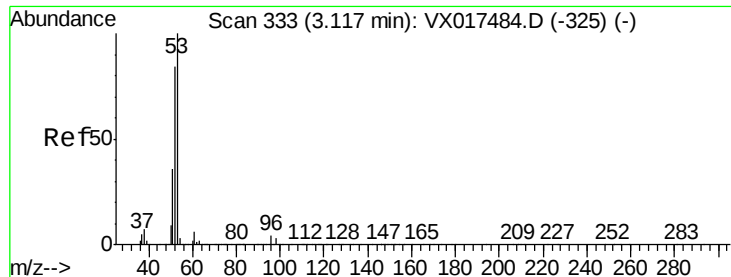
Ion Ratio Lower Upper

41 100

39 67.7 51.9 77.9

76 31.3 25.5 38.3





#15

Acrylonitrile

Concen: 235.140 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

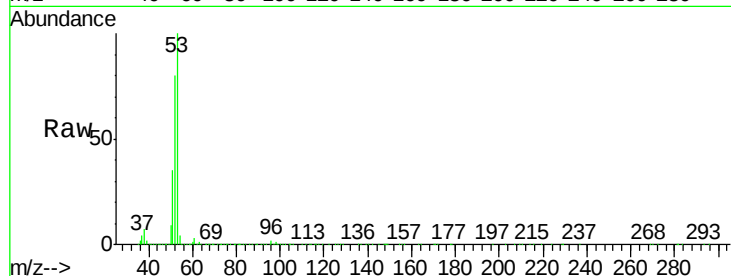
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 756902

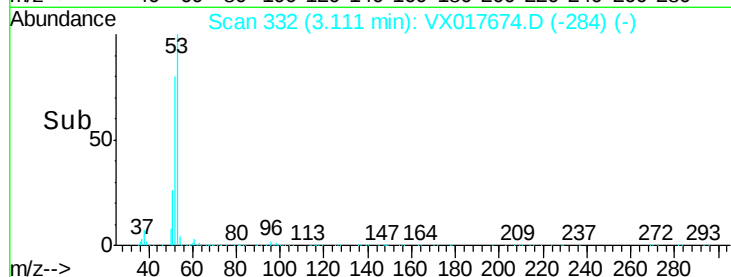
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.6	99.8
51	36.1	29.4	44.2



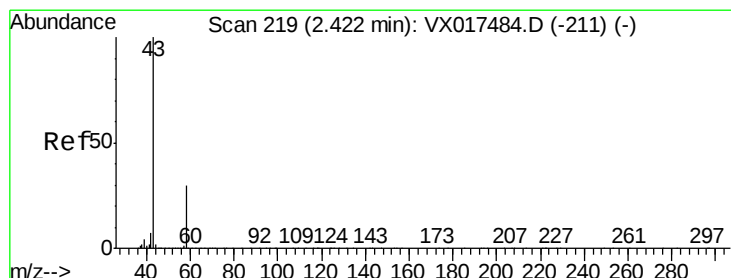
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 217.563 ug/l

RT: 2.42 min Scan# 218

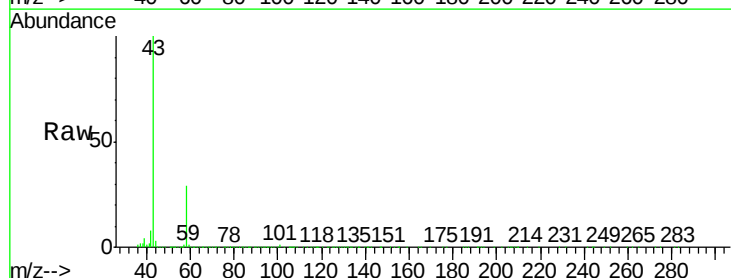
Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

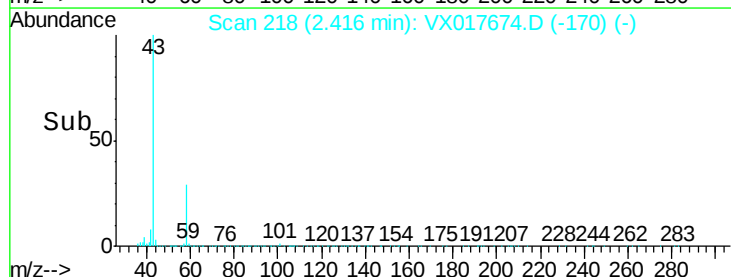
Tgt Ion: 43 Resp: 677126

Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.2	36.4

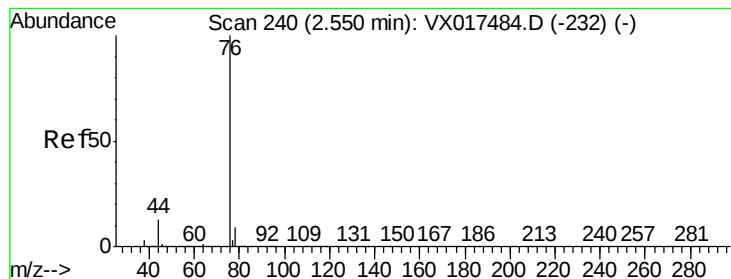


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 40.287 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

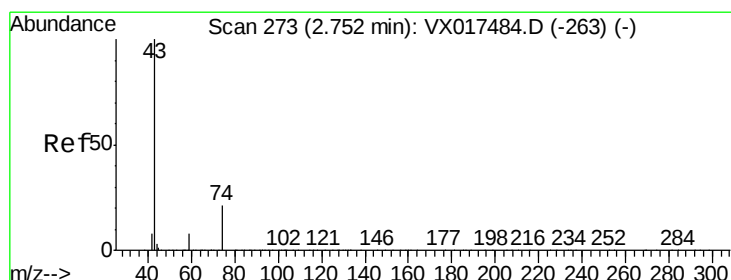
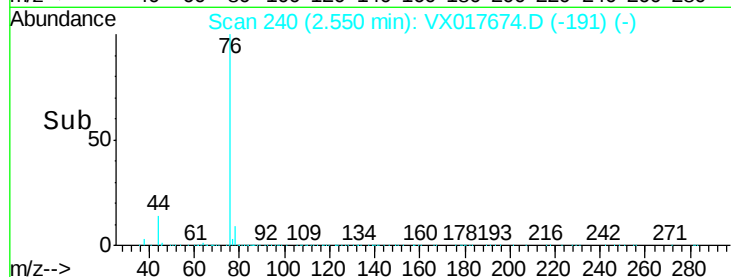
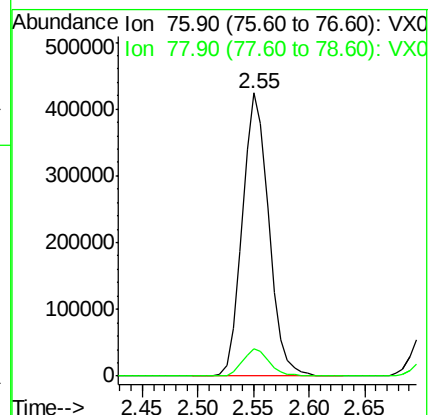
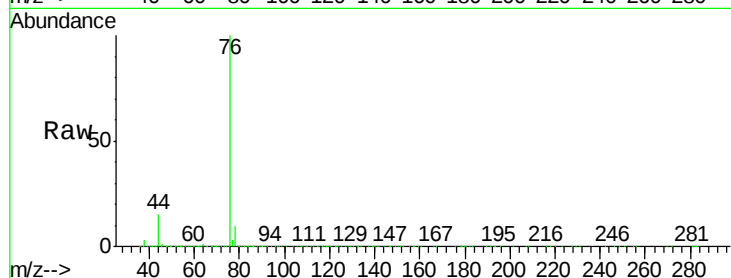
VSTDCCC050

Tot Ion: 76 Resp: 696256

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3



#18

Methyl Acetate

Concen: 49.143 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017674.D

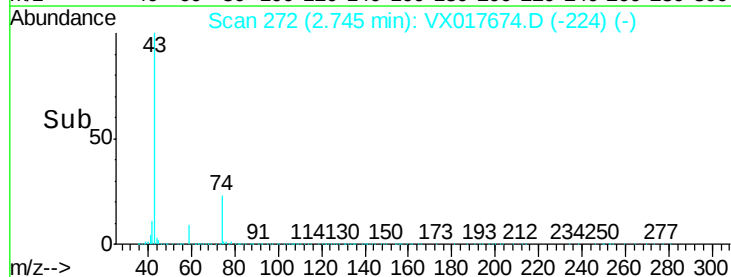
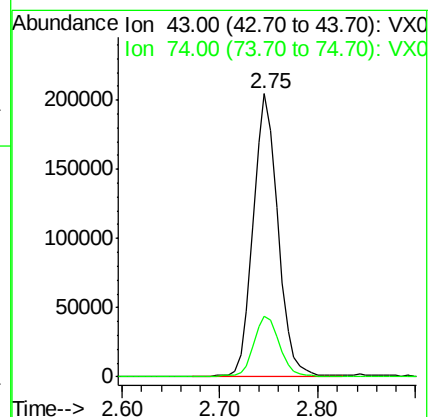
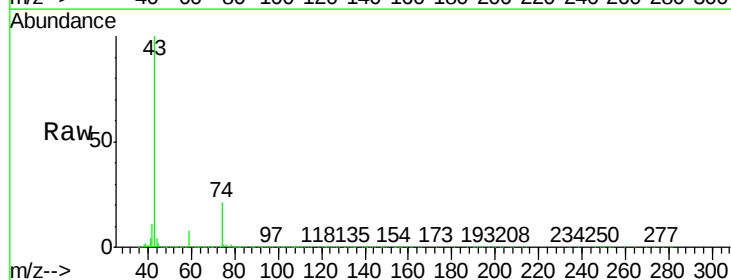
Acq: 30 Jul 2020 11:02

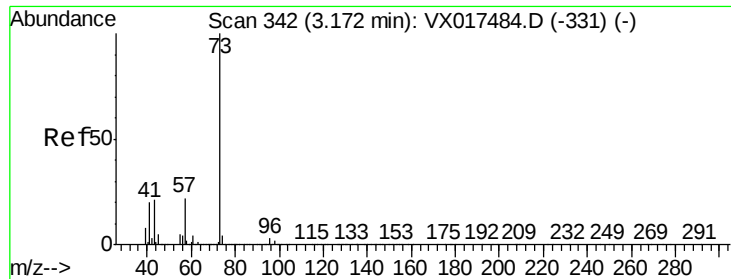
Tgt Ion: 43 Resp: 360216

Ion Ratio Lower Upper

43 100

74 22.7 17.5 26.3

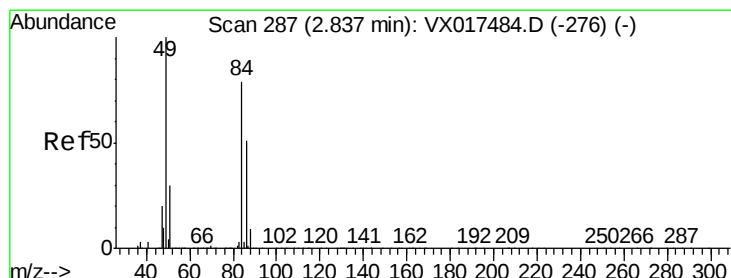
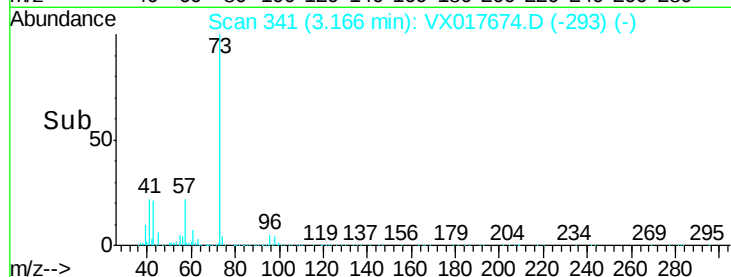
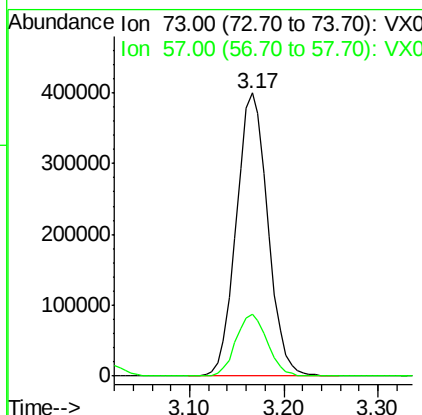
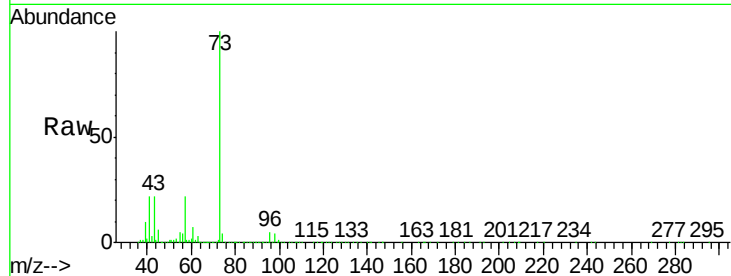




#19
Methyl tert-butyl Ether
Concen: 47.268 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

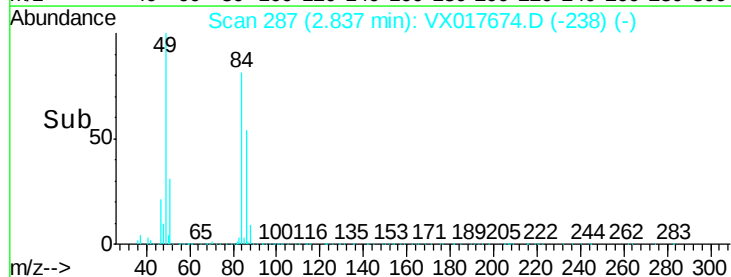
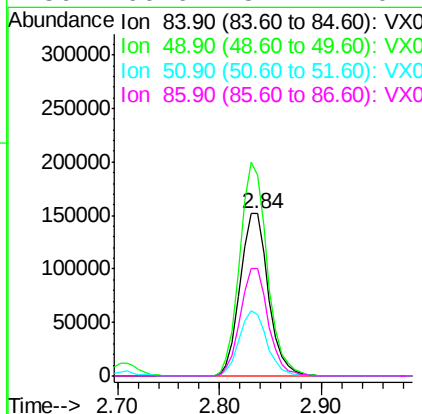
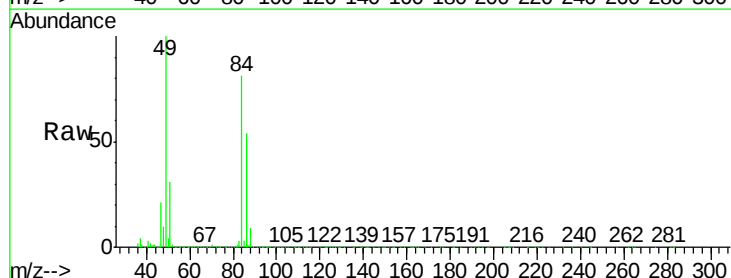
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

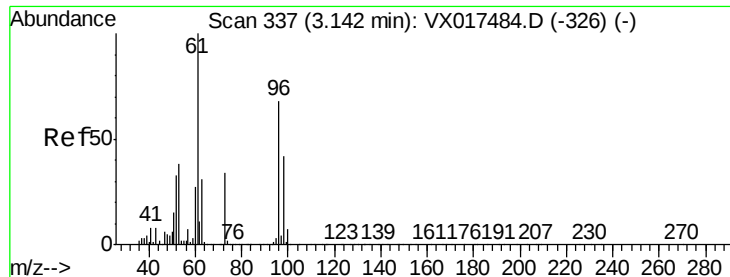
Tot Ion: 73 Resp: 930239
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.4



#20
Methylene Chloride
Concen: 49.920 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 84 Resp: 292626
Ion Ratio Lower Upper
84 100
49 123.5 100.3 150.5
51 37.8 30.5 45.7
86 66.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.095 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

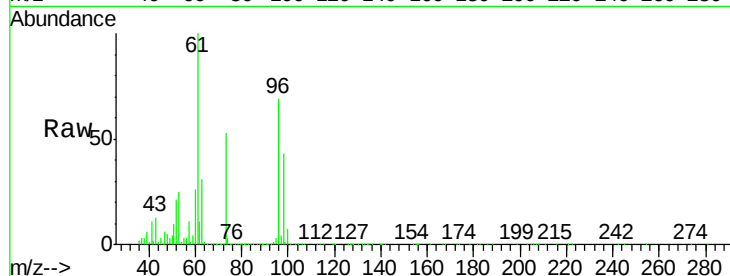
Tot Ion: 96 Resp: 280776

Ion Ratio Lower Upper

96 100

61 145.8 113.0 169.4

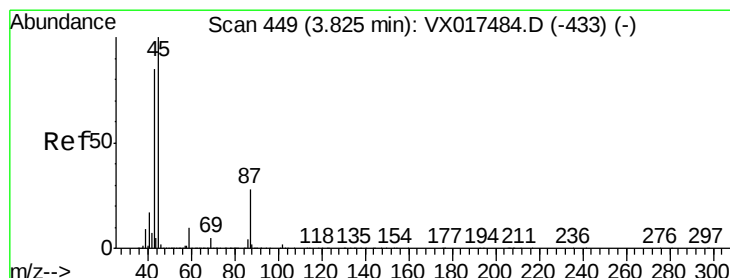
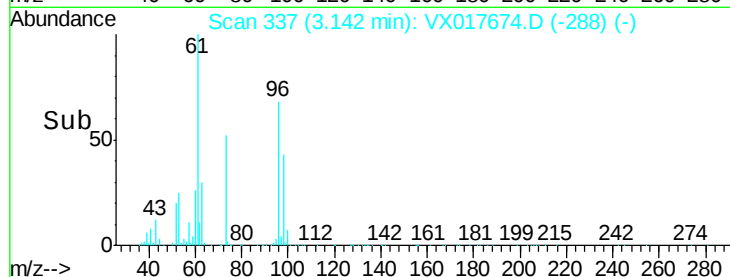
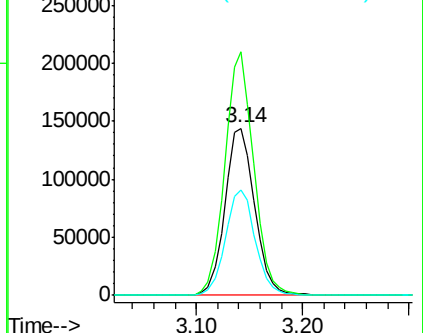
98 63.3 51.8 77.8



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: 48.432 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Tgt Ion: 45 Resp: 919429

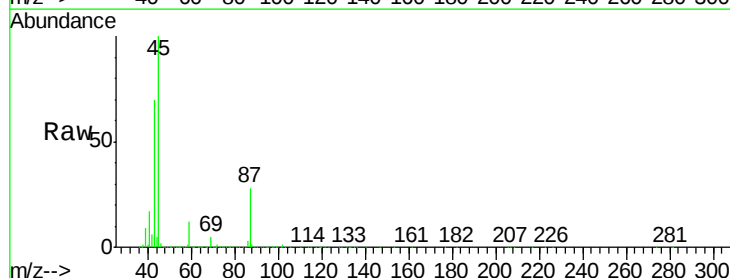
Ion Ratio Lower Upper

45 100

43 70.4 52.0 78.0

87 27.8 22.2 33.4

59 11.7 8.9 13.3

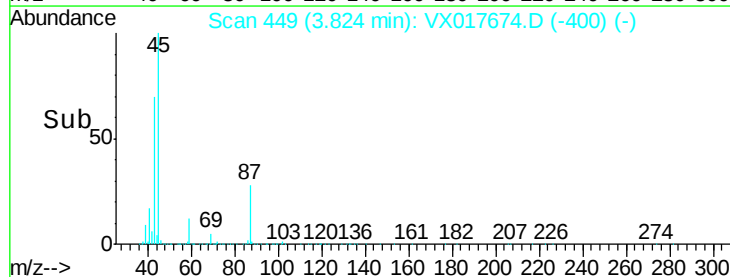
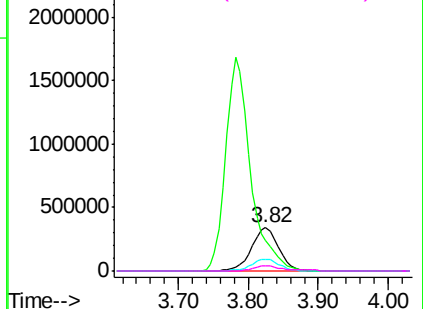


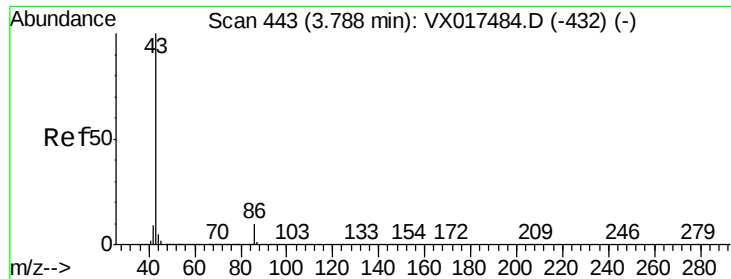
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 246.959 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

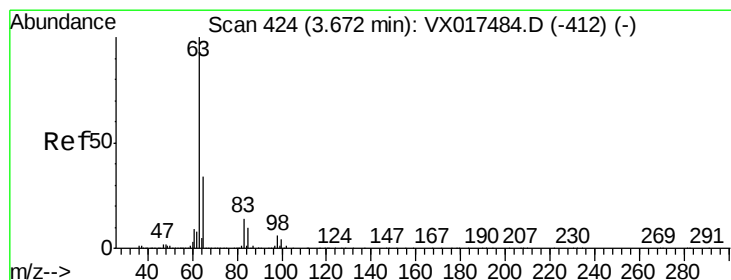
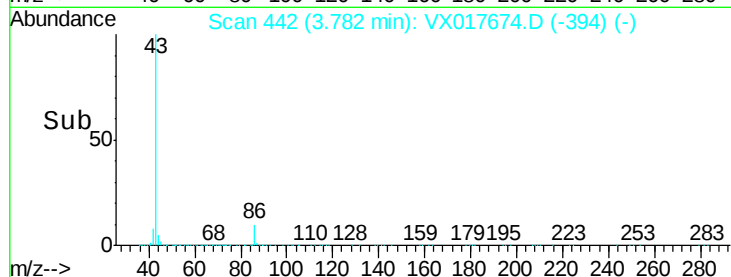
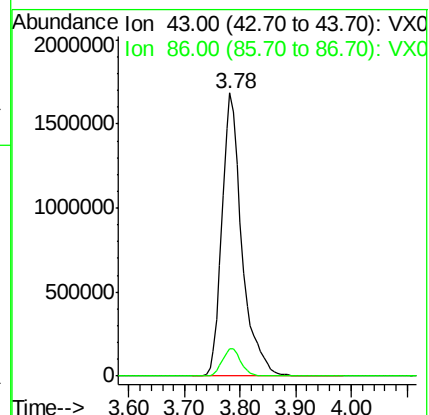
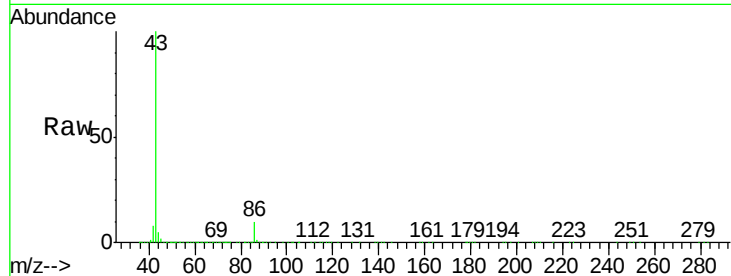
VSTDCCC050

Tot Ion: 43 Resp: 4180146

Ion Ratio Lower Upper

43 100

86 9.7 8.2 12.4



#24

1,1-Dichloroethane

Concen: 46.829 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

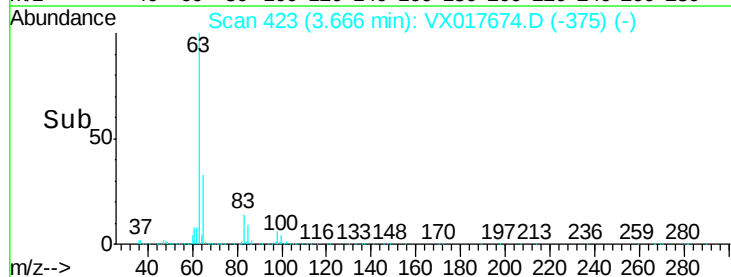
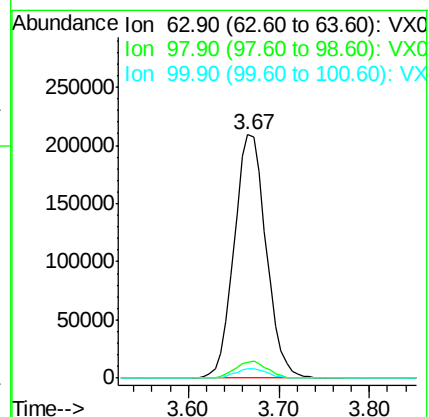
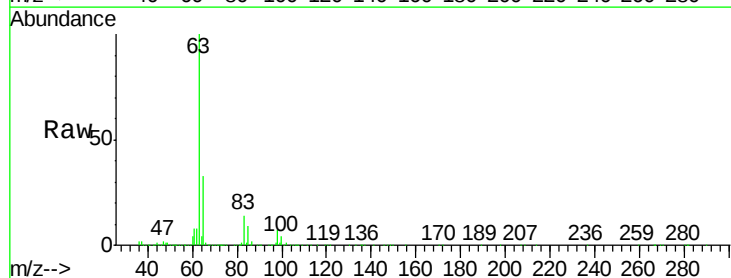
Tgt Ion: 63 Resp: 512105

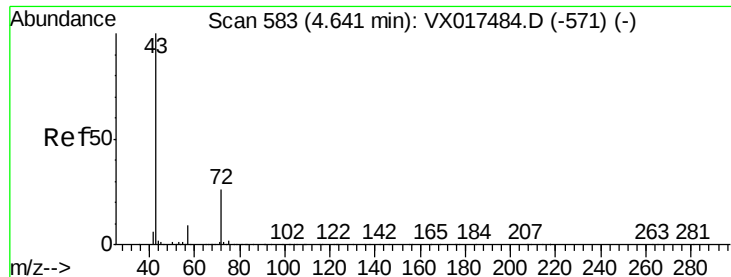
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.0 1.9 5.7

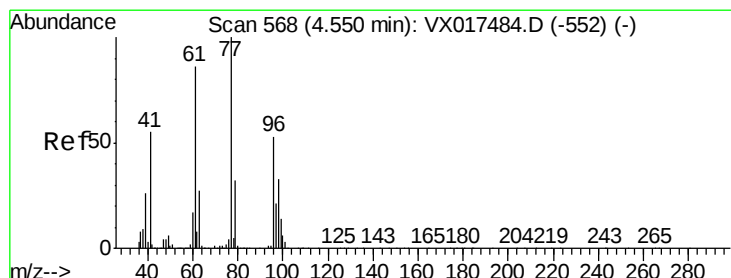
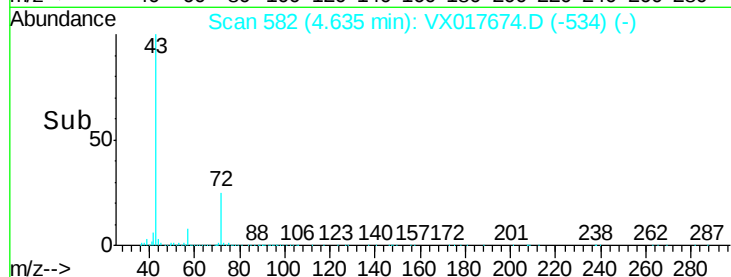
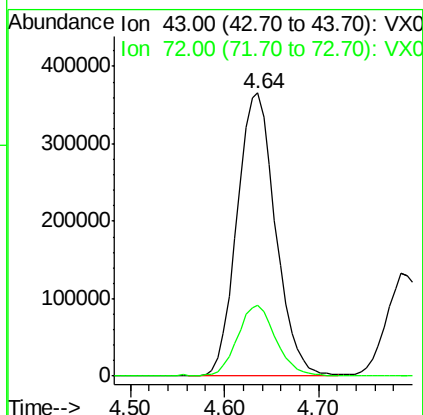
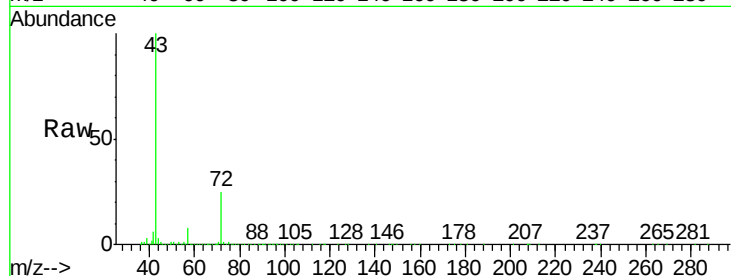




#25
2-Butanone
Concen: 236.452 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

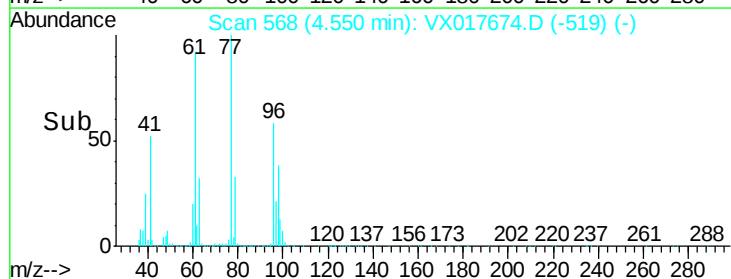
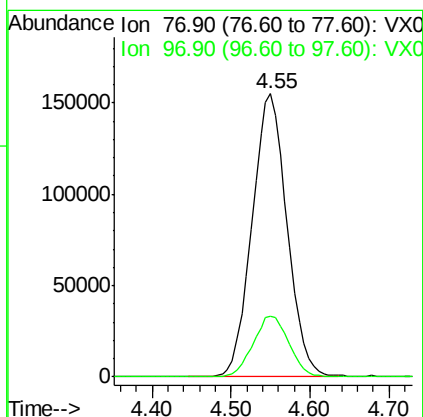
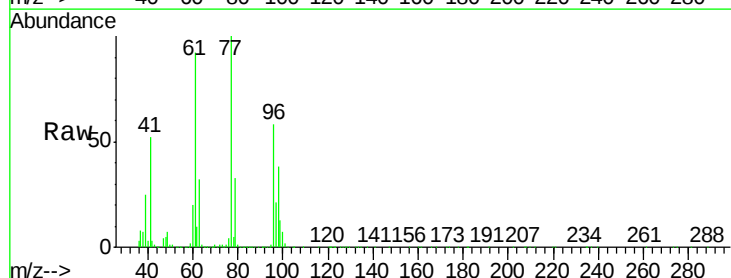
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

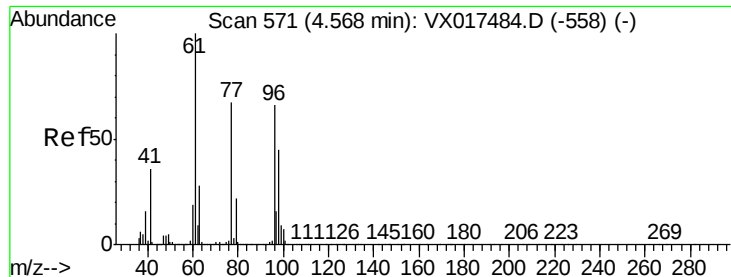
Tot Ion: 43 Resp: 1045443
Ion Ratio Lower Upper
43 100
72 24.9 19.0 28.4



#26
2,2-Dichloropropane
Concen: 48.670 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 77 Resp: 476431
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 47.757 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

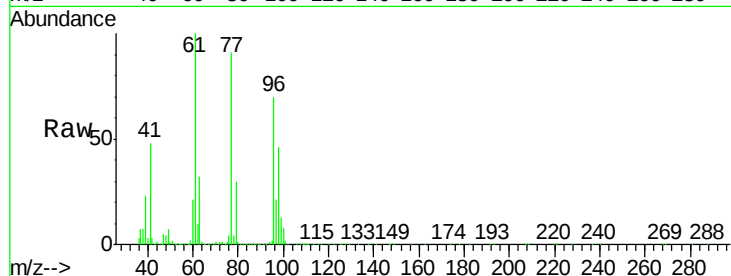
Tot Ion: 96 Resp: 315967

Ion Ratio Lower Upper

96 100

61 147.5 0.0 301.2

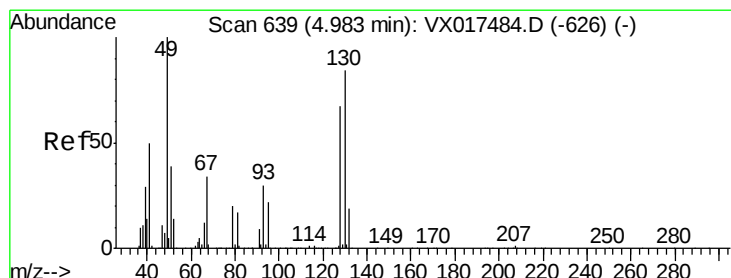
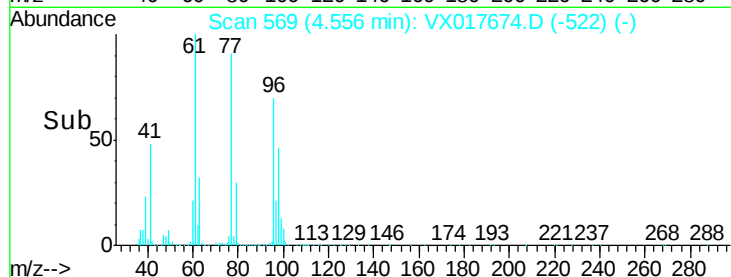
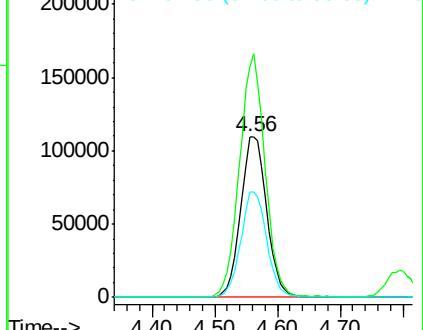
98 64.8 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 45.677 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

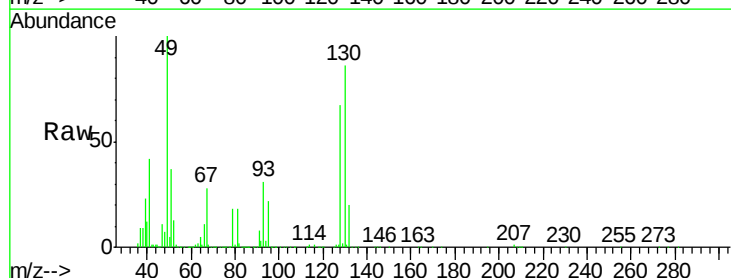
Tgt Ion: 49 Resp: 226361

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

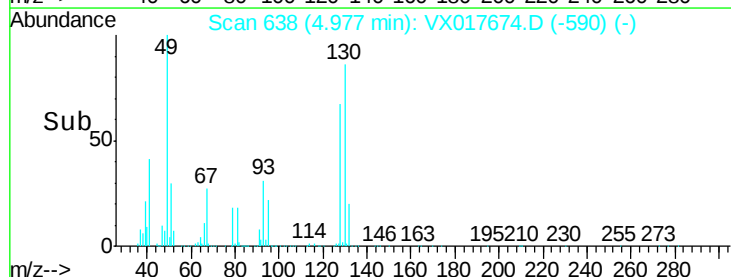
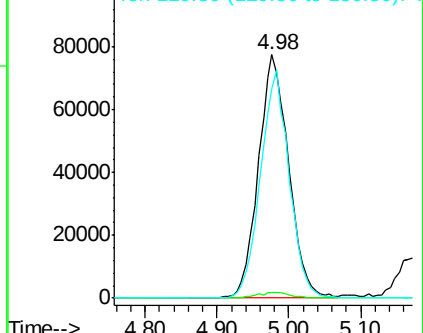
130 88.7 66.7 100.1

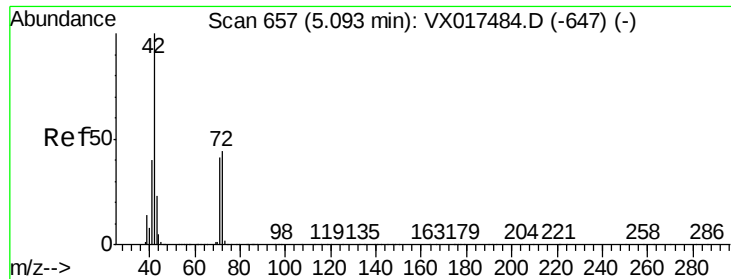


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

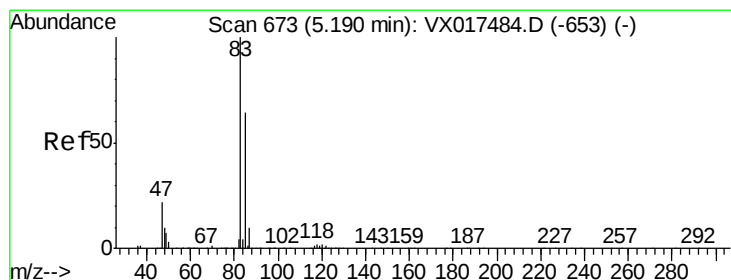
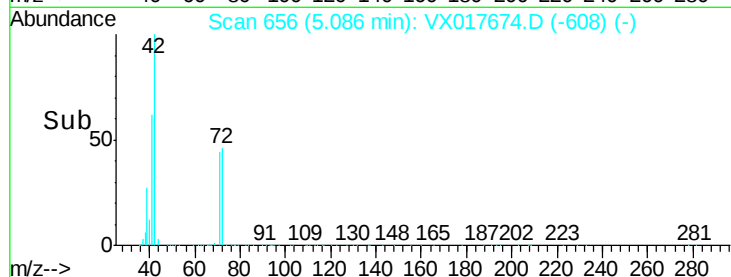
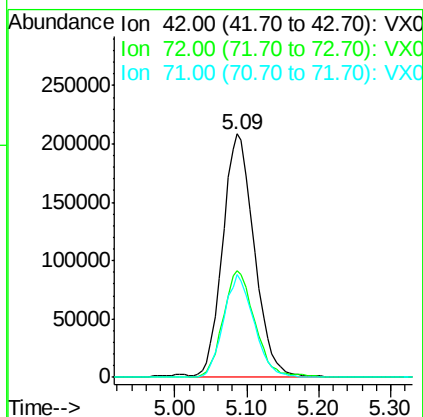
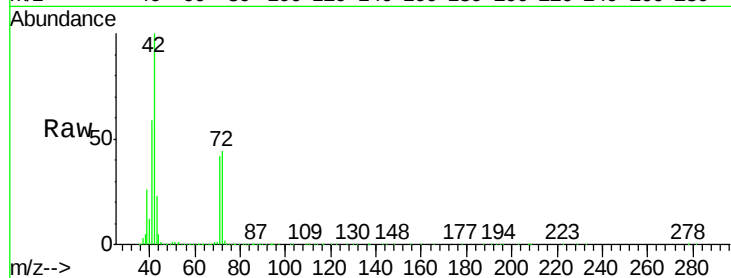




#29
Tetrahydrofuran
Concen: 231.934 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

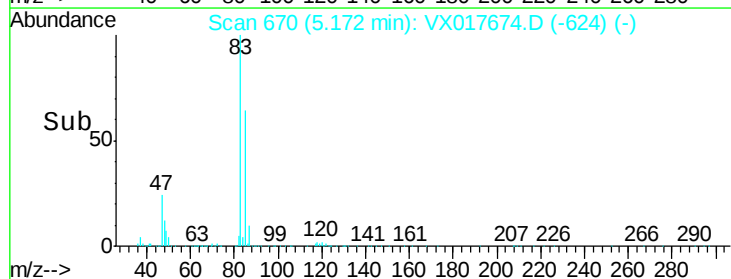
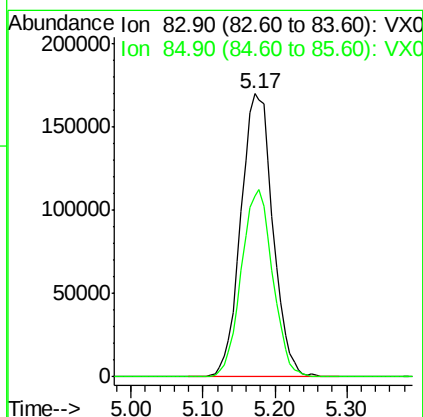
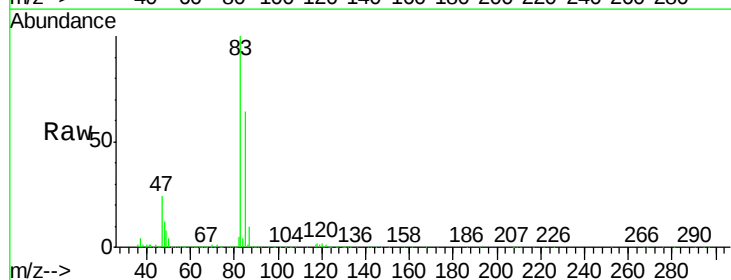
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

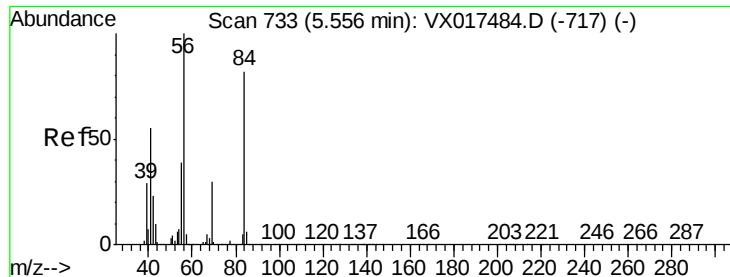
Tot Ion: 42 Resp: 635199
Ion Ratio Lower Upper
42 100
72 43.9 35.5 53.3
71 40.7 33.0 49.4



#30
Chloroform
Concen: 47.081 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 83 Resp: 526085
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.2

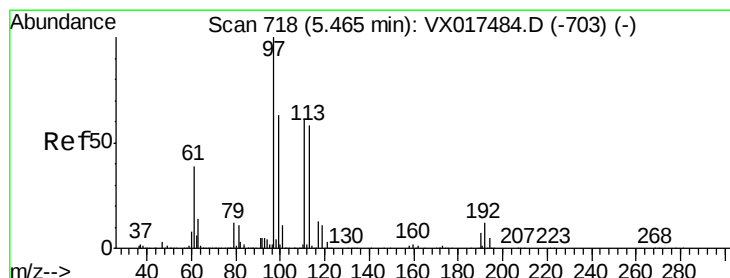
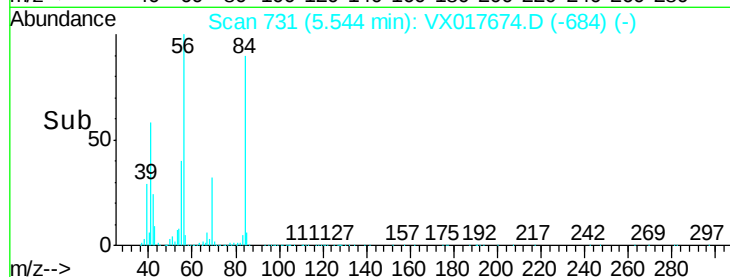
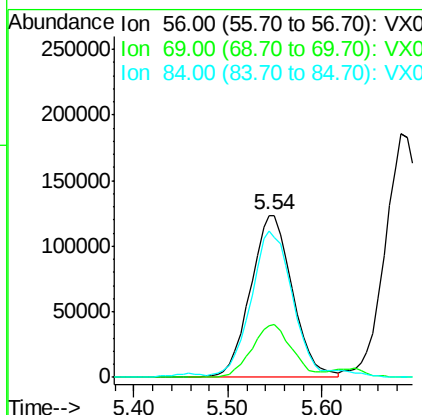
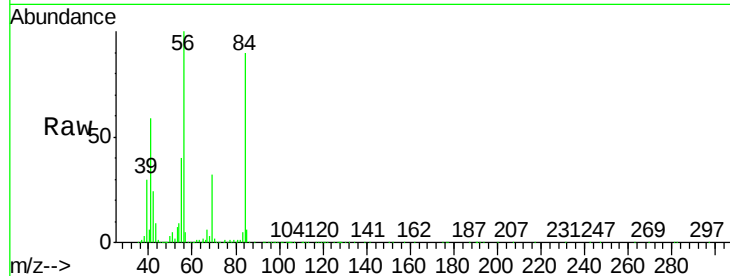




#31
Cyclohexane
Concen: 43.933 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

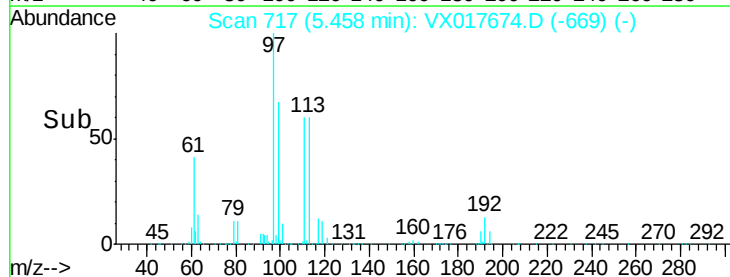
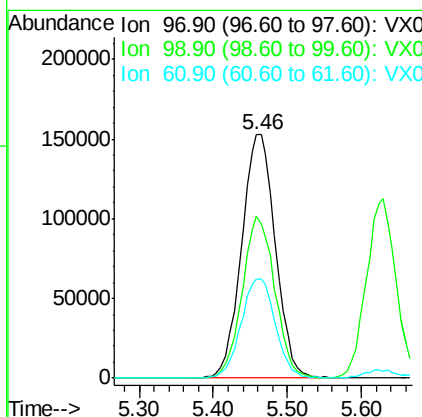
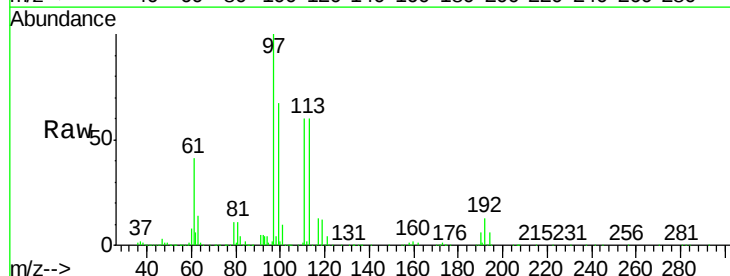
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

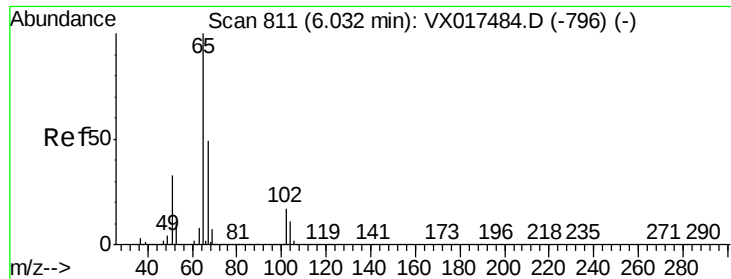
Tot Ion: 56 Resp: 383131
Ion Ratio Lower Upper
56 100
69 31.9 24.2 36.4
84 87.6 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 46.089 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 97 Resp: 485634
Ion Ratio Lower Upper
97 100
99 64.0 51.9 77.9
61 41.4 34.1 51.1

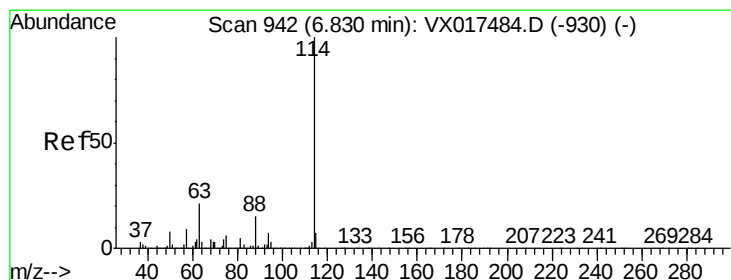
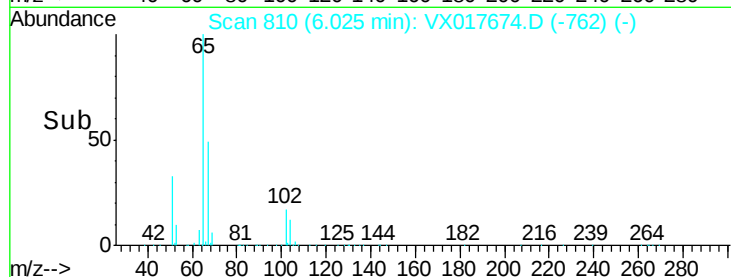
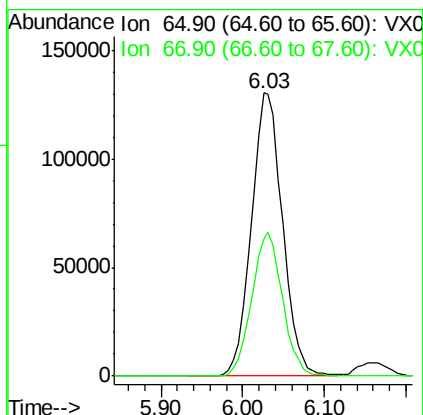
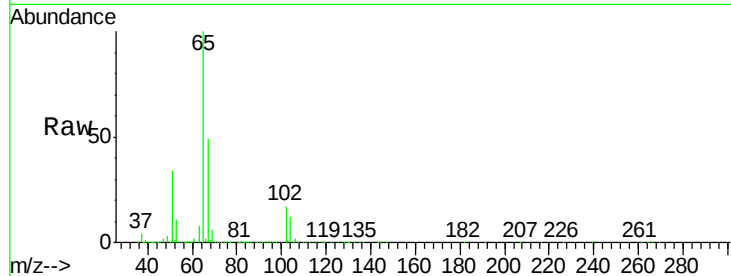




#33
 1,2-Dichloroethane-d4
 Concen: 49.066 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

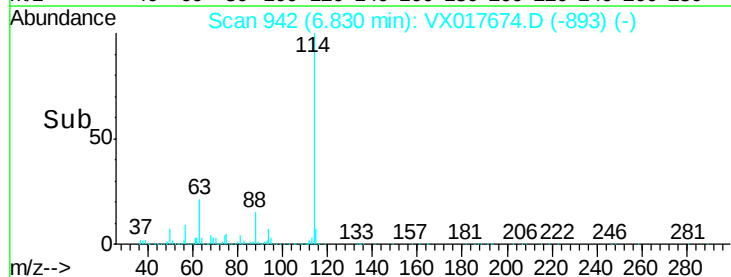
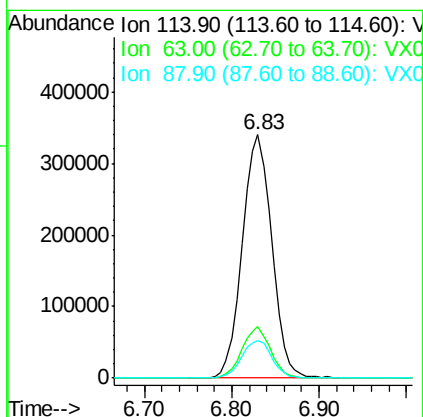
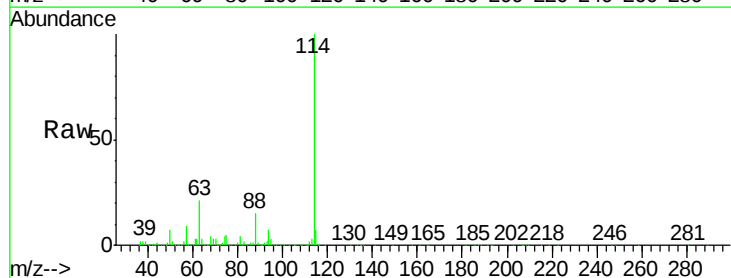
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

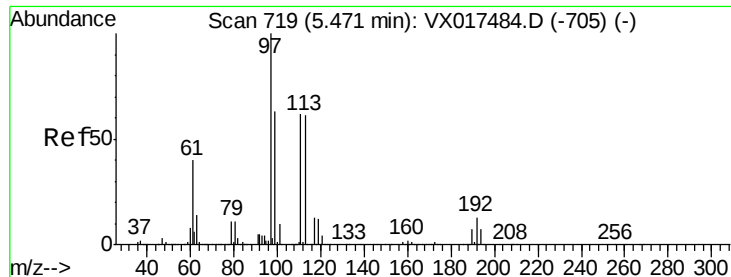
Tot Ion: 65 Resp: 346959
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion: 114 Resp: 796341
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.6
 88 15.5 0.0 33.4

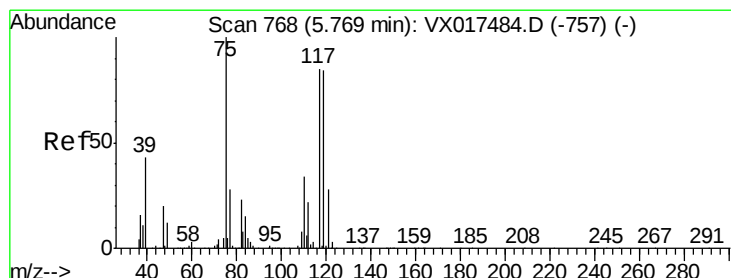
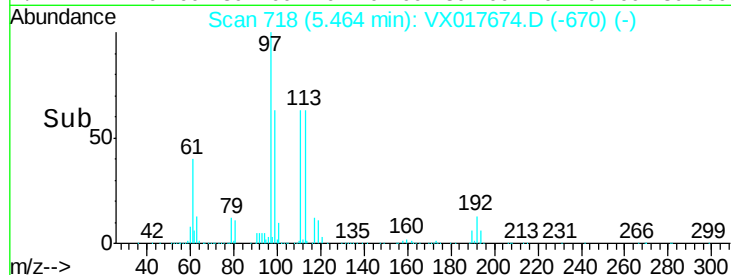
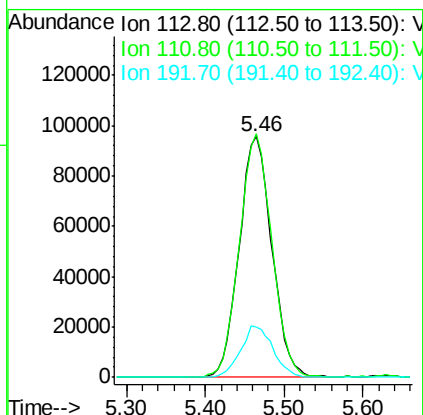
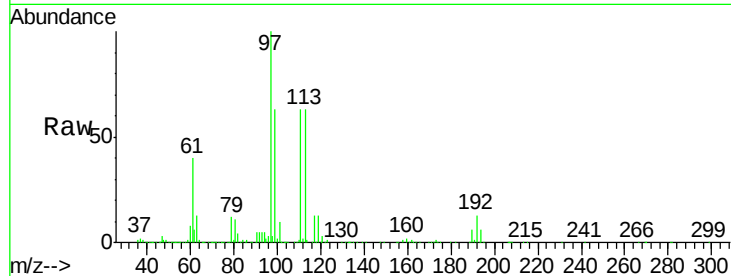




#35
Dibromofluoromethane
Concen: 51.761 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

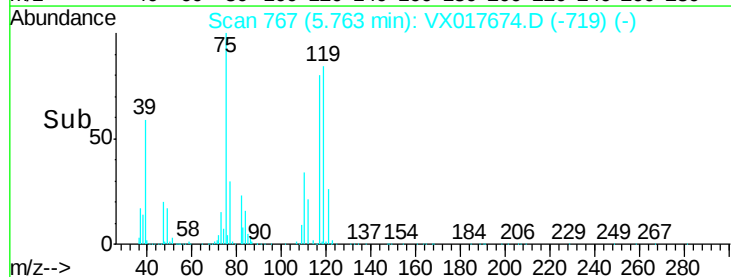
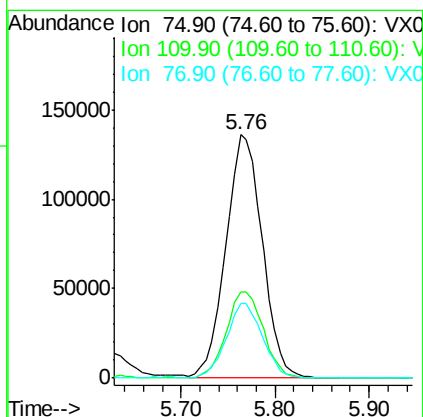
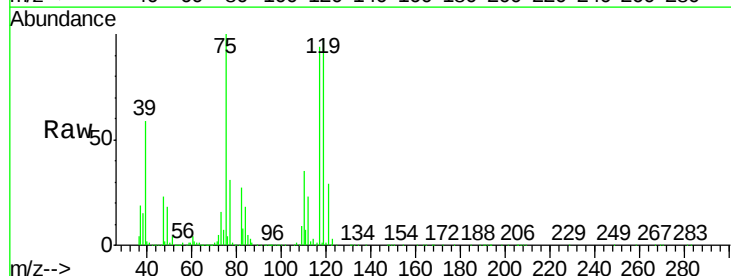
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

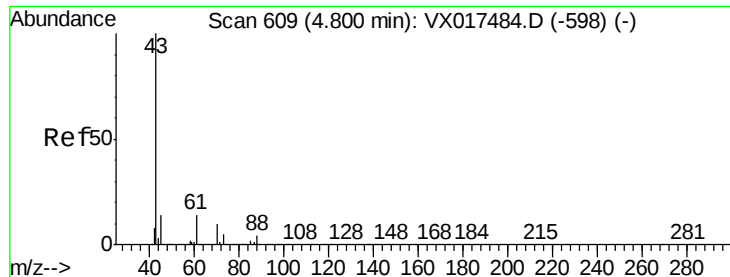
Tot Ion:113 Resp: 275680
Ion Ratio Lower Upper
113 100
111 100.8 80.7 121.1
192 21.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.663 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 75 Resp: 364032
Ion Ratio Lower Upper
75 100
110 36.4 18.1 54.3
77 30.3 24.6 37.0

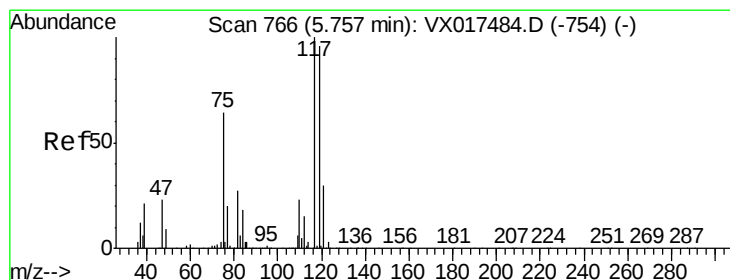
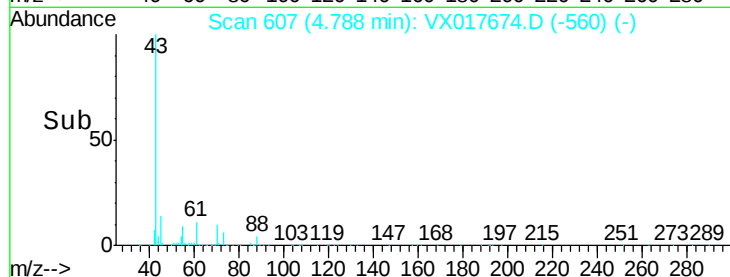
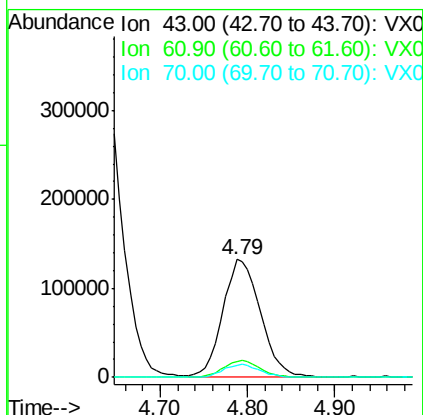
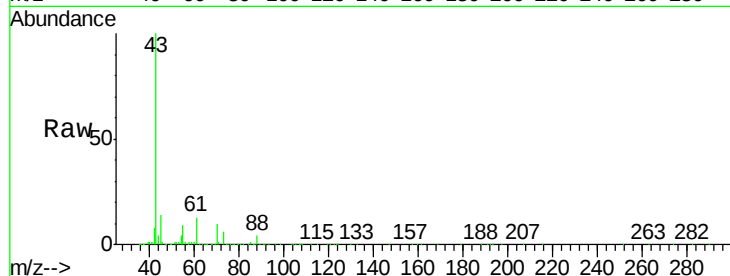




#37
Ethyl Acetate
Concen: 47.113 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

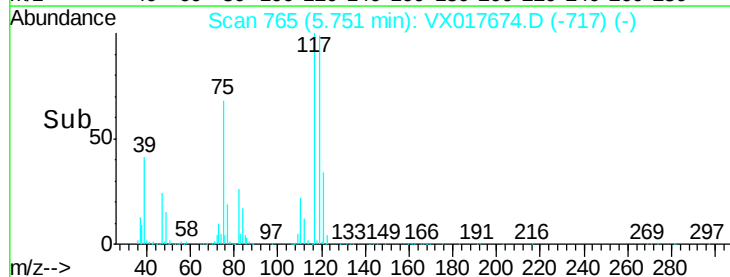
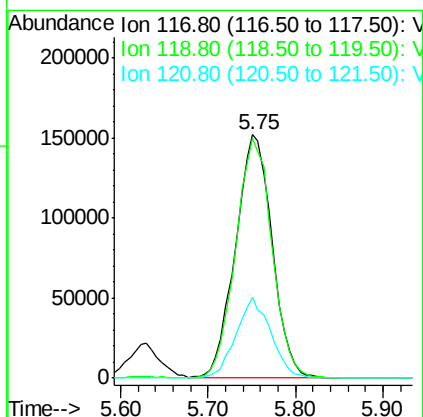
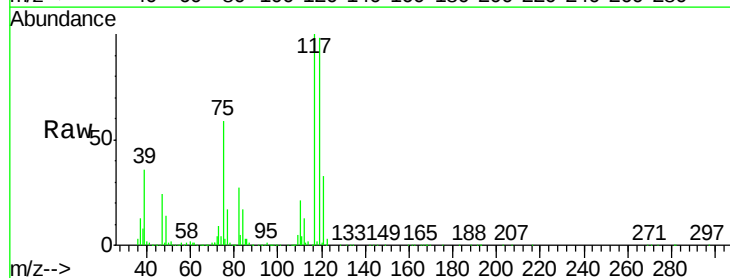
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

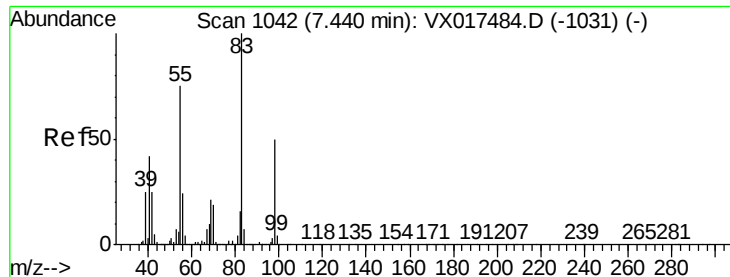
Tot Ion: 43 Resp: 393708
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 47.704 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 117 Resp: 442446
Ion Ratio Lower Upper
117 100
119 98.4 75.4 113.0
121 33.1 24.3 36.5

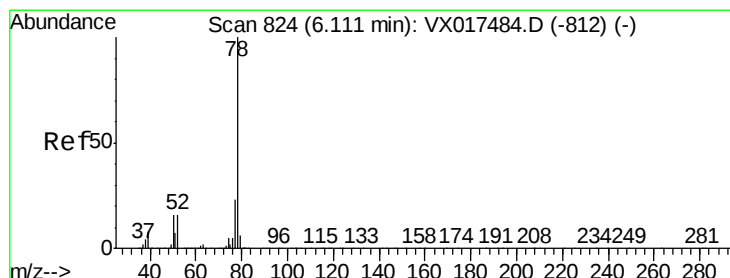
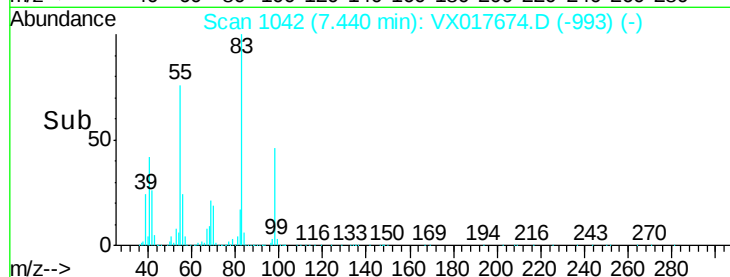
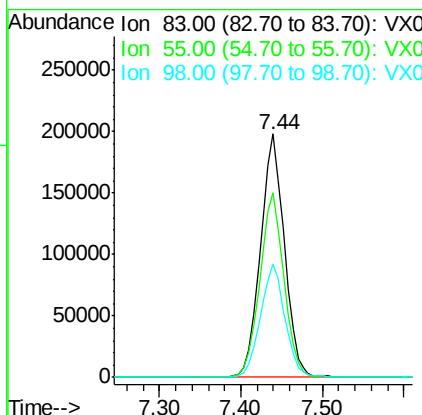
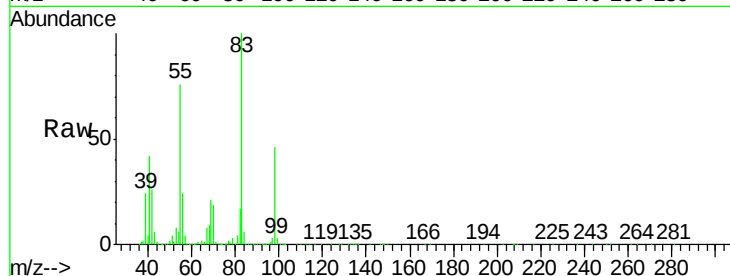




#39
Methvlcvclohexane
Concen: 45.524 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

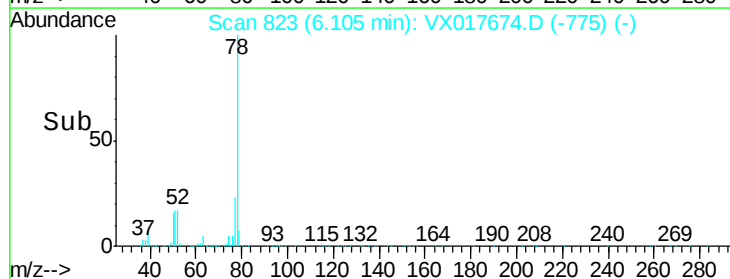
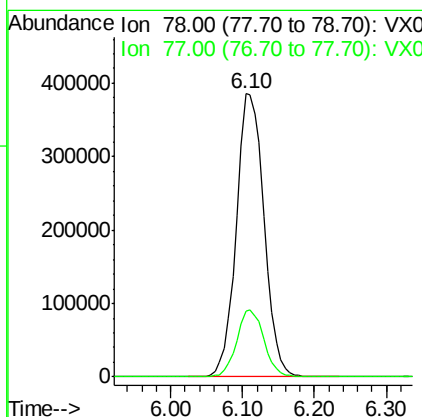
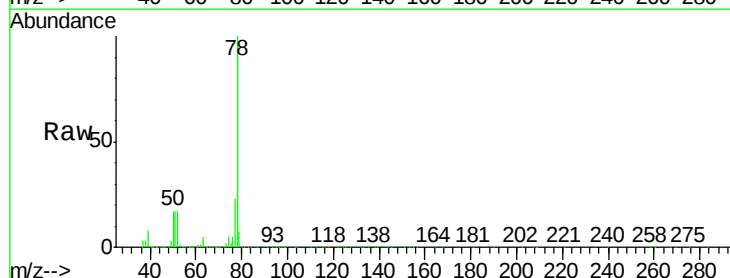
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

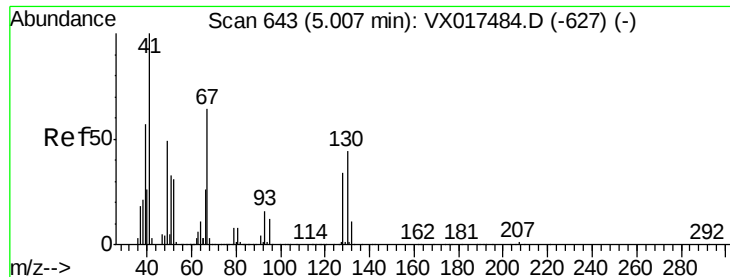
Tot Ion	83	Resp	405887
Ion Ratio	Lower	Upper	
83	100		
55	76.1	61.8	92.8
98	46.4	36.9	55.3



#40
Benzene
Concen: 47.027 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	78	Resp	1029750
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.4	29.2

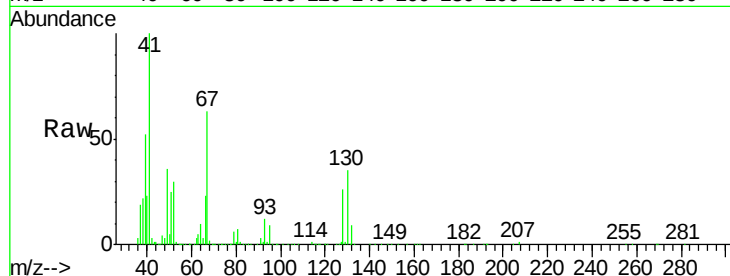




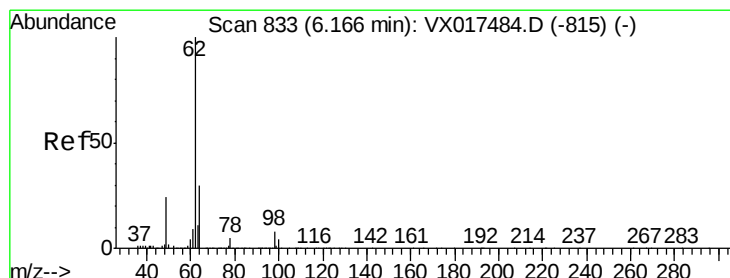
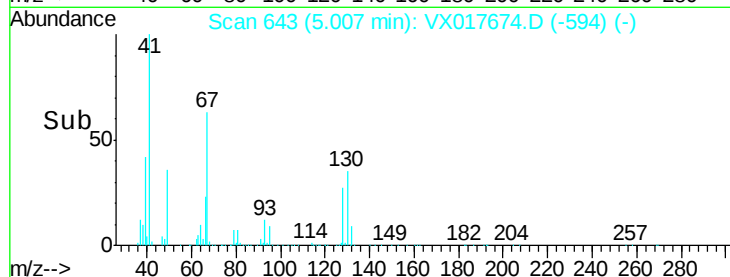
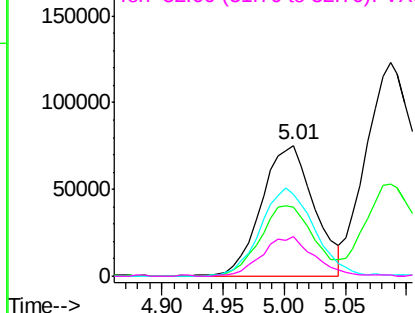
#41
Methacrylonitrile
Concen: 46.977 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	225019
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.9	65.9
67	68.7	54.0	81.0
52	30.0	23.0	34.6

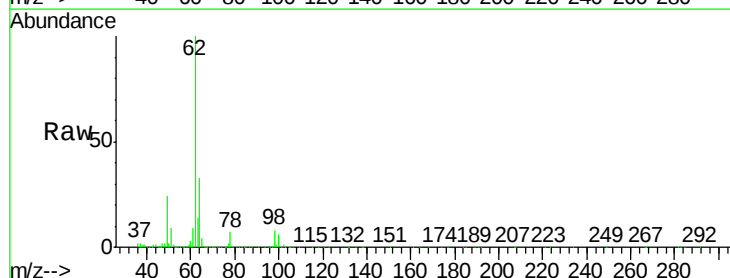


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

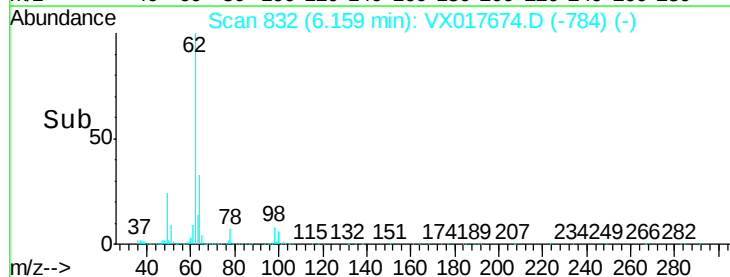
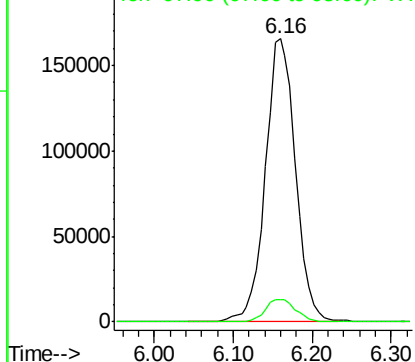


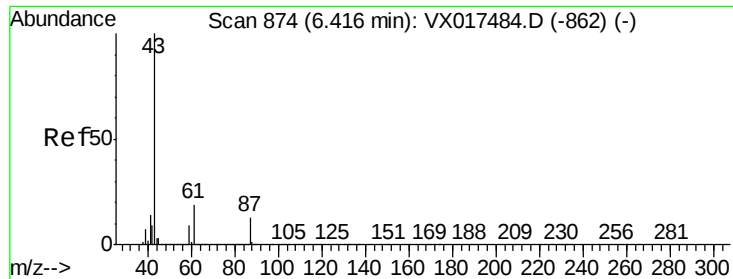
#42
1,2-Dichloroethane
Concen: 48.920 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion:	62	Resp:	438232
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0



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



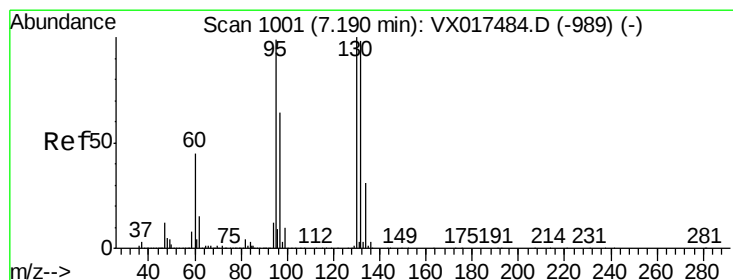
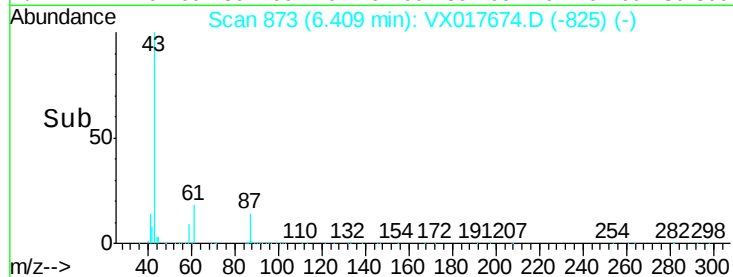
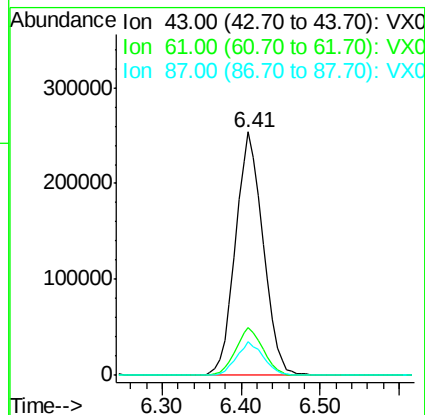
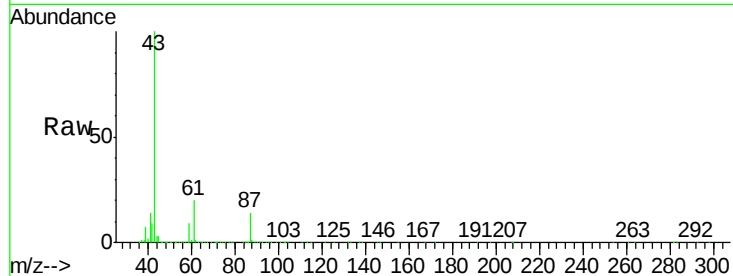


#43

Isopropyl Acetate
 Concen: 44.799 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

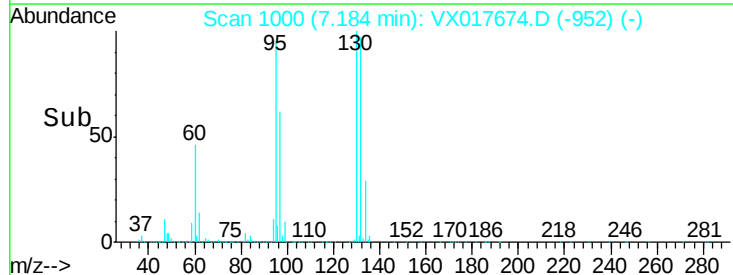
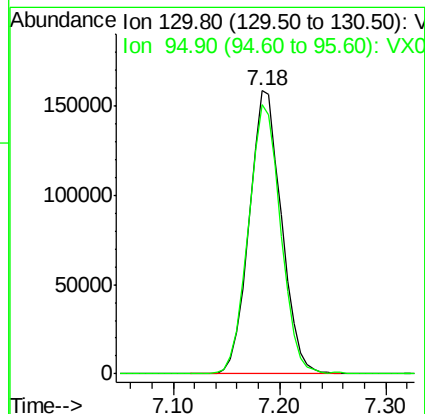
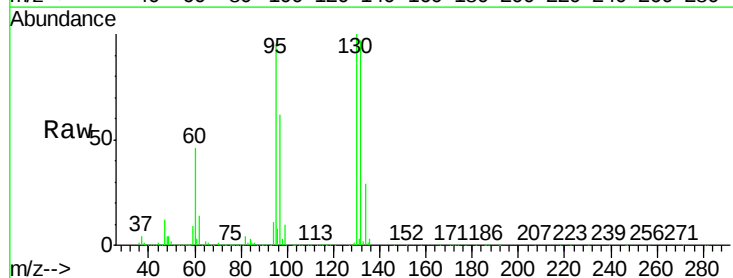
Tot Ion	43	Resp	617692
Ion Ratio	Lower	Upper	
43	100		
61	19.7	15.5	23.3
87	13.6	10.5	15.7

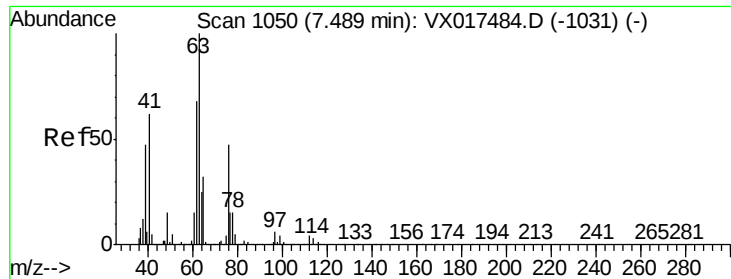


#44

Trichloroethene
 Concen: 52.825 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion	130	Resp	338032
Ion Ratio	Lower	Upper	
130	100		
95	95.1	0.0	189.0

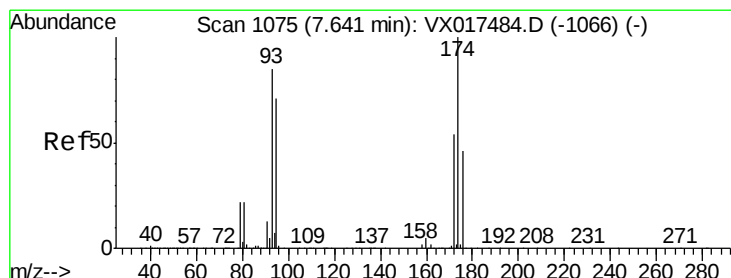
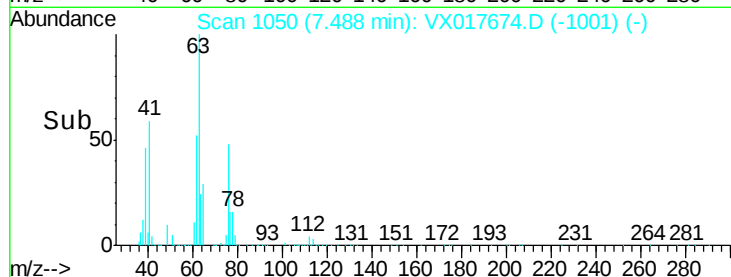
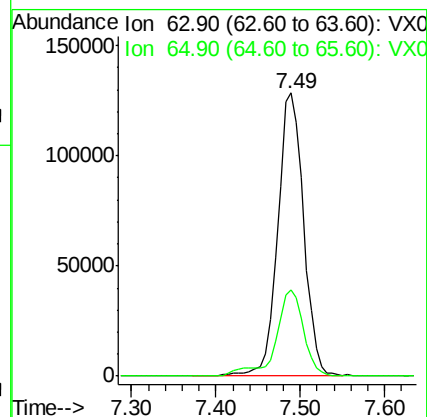
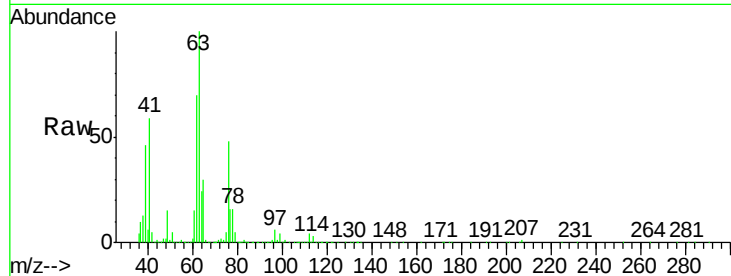




#45
 1,2-Dichloropropane
 Concen: 44.994 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

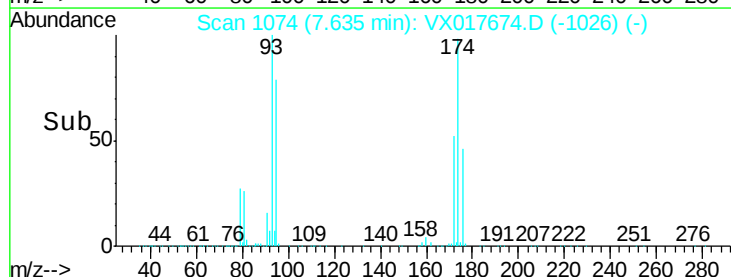
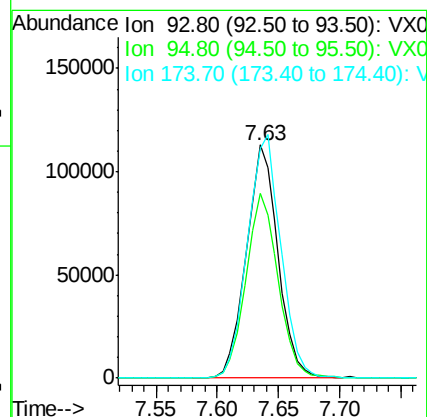
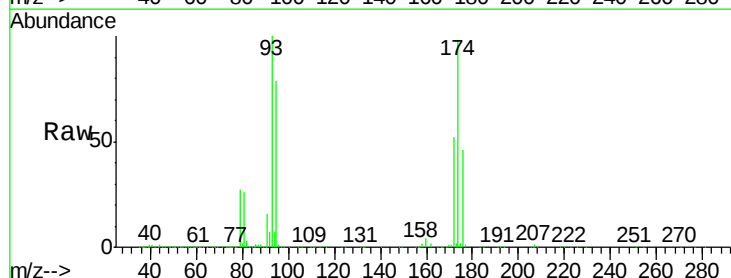
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

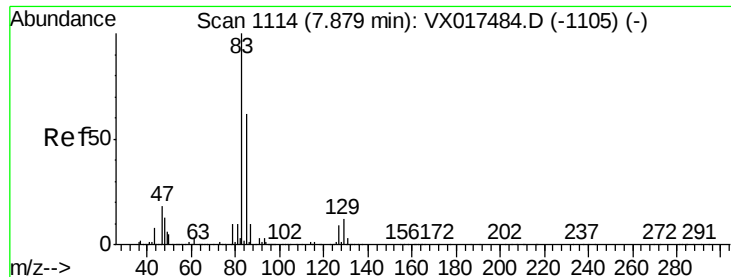
Tot Ion: 63 Resp: 273118
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.5 36.7



#46
 Dibromomethane
 Concen: 47.456 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion: 93 Resp: 203577
 Ion Ratio Lower Upper
 93 100
 95 80.3 66.6 99.8
 174 110.4 87.0 130.6





#47

Bromodichloromethane

Concen: 48.151 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

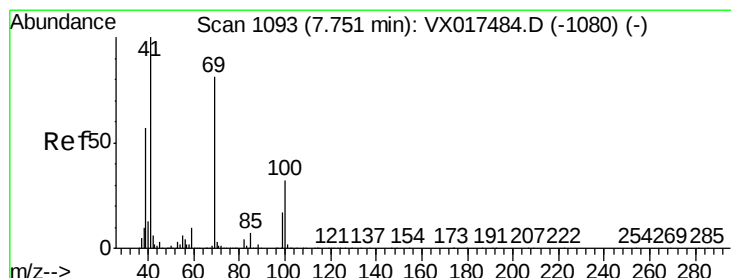
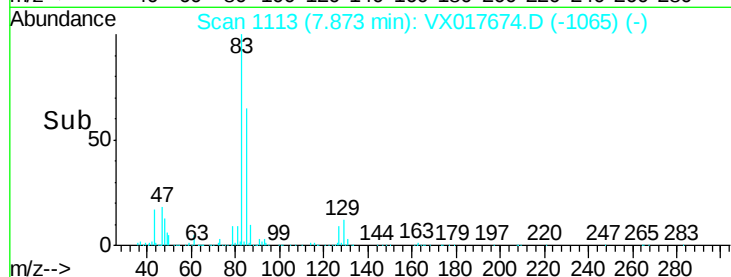
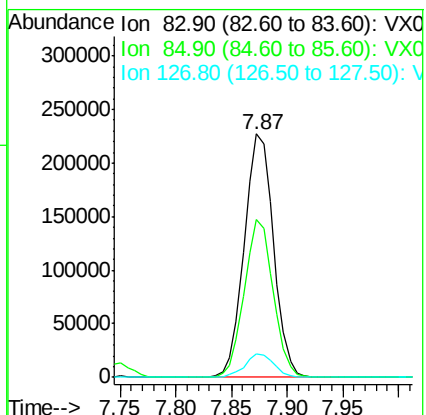
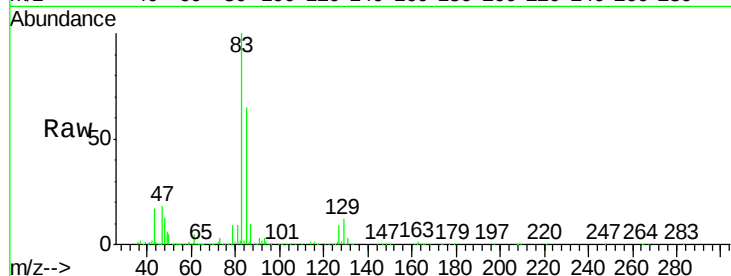
Tot Ion: 83 Resp: 415620

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.8

127 9.4 7.4 11.2



#48

Methyl methacrylate

Concen: 45.865 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

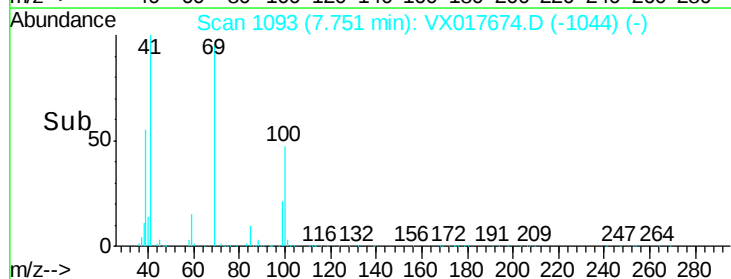
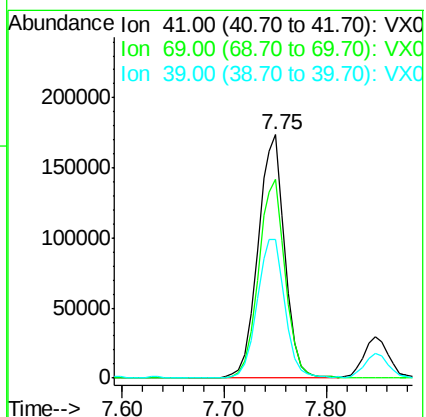
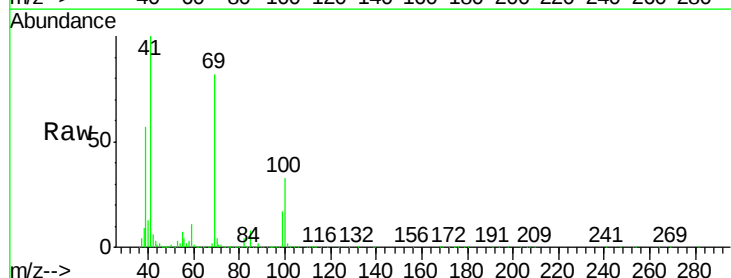
Tgt Ion: 41 Resp: 313474

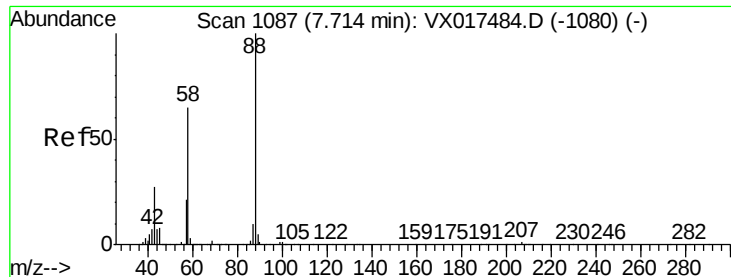
Ion Ratio Lower Upper

41 100

69 82.5 63.1 94.7

39 59.1 45.1 67.7





#49

1,4-Dioxane

Concen: 957.039 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

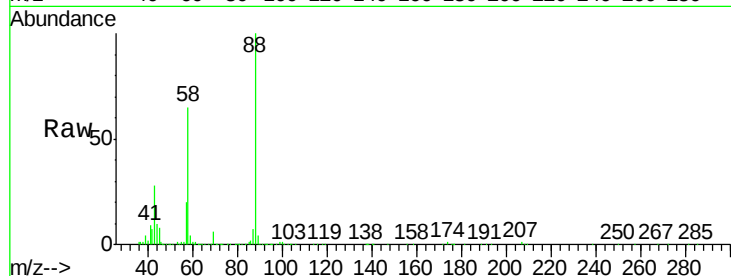
Tot Ion: 88 Resp: 125407

Ion Ratio Lower Upper

88 100

43 35.7 27.8 41.6

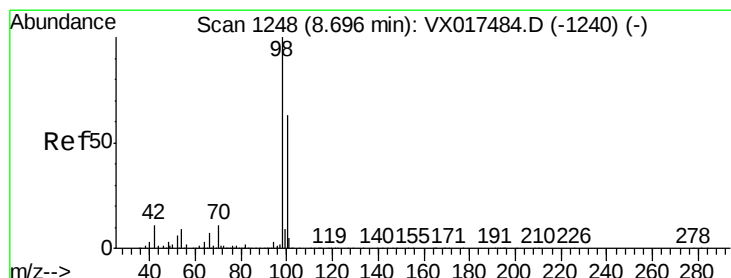
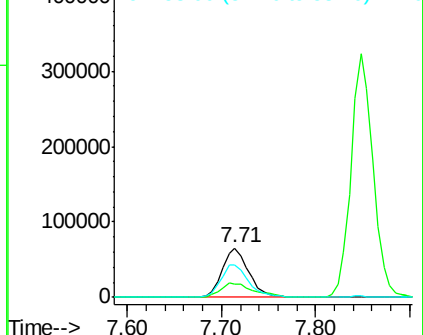
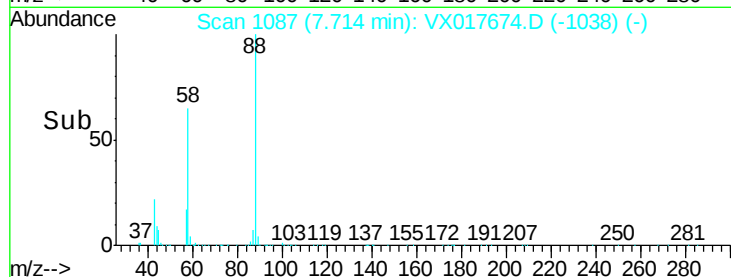
58 70.9 58.3 87.5



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: 46.934 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017674.D

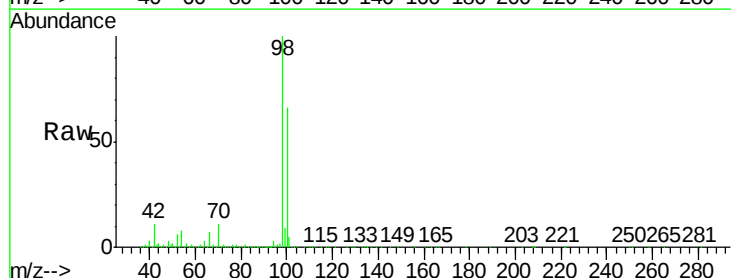
Acq: 30 Jul 2020 11:02

Tgt Ion: 98 Resp: 901766

Ion Ratio Lower Upper

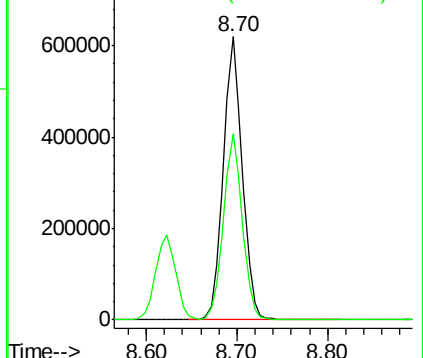
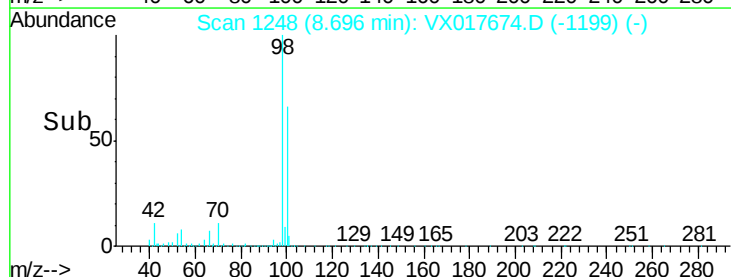
98 100

100 65.5 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: 225.705 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

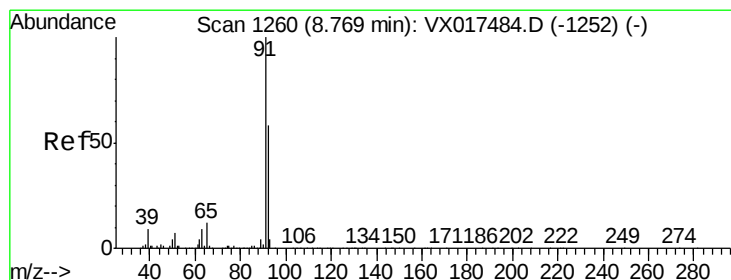
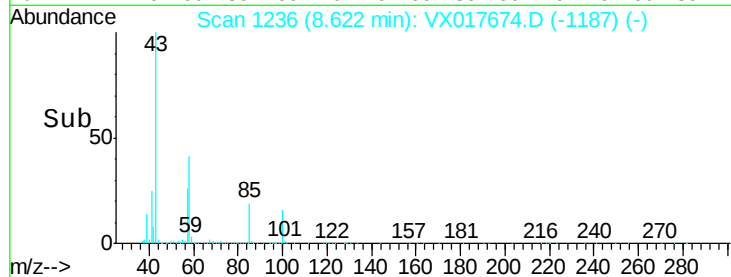
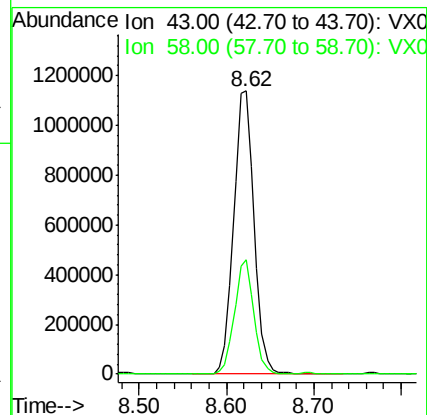
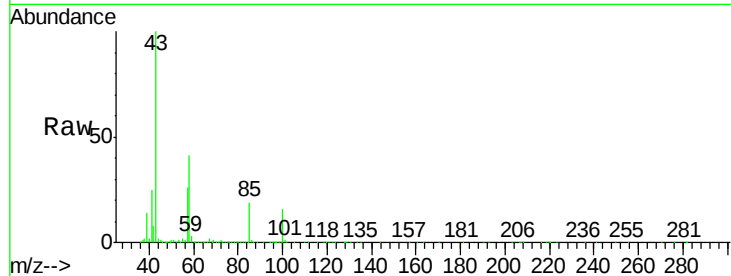
VSTDCCC050

Tot Ion: 43 Resp: 1856844

Ion Ratio Lower Upper

43 100

58 38.2 31.0 46.4



#52

Toluene

Concen: 44.928 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017674.D

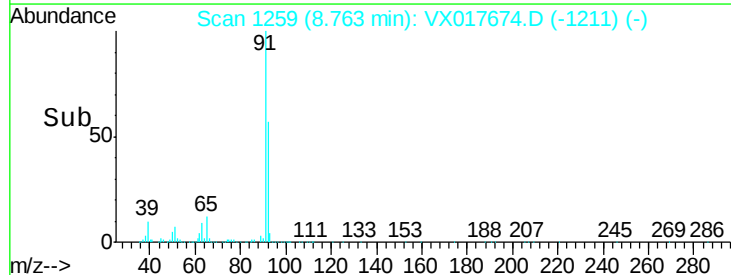
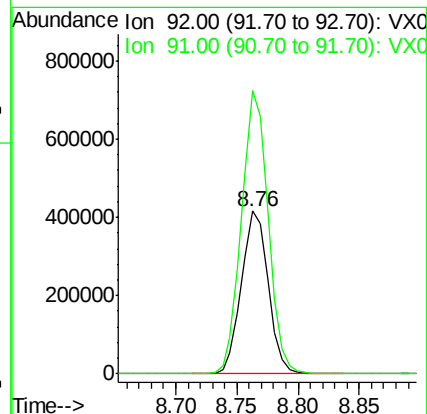
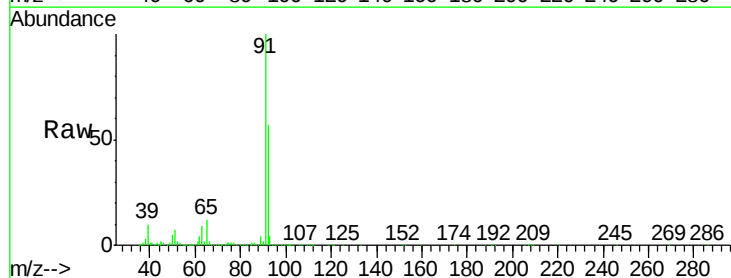
Acq: 30 Jul 2020 11:02

Tgt Ion: 92 Resp: 630917

Ion Ratio Lower Upper

92 100

91 173.6 137.6 206.4

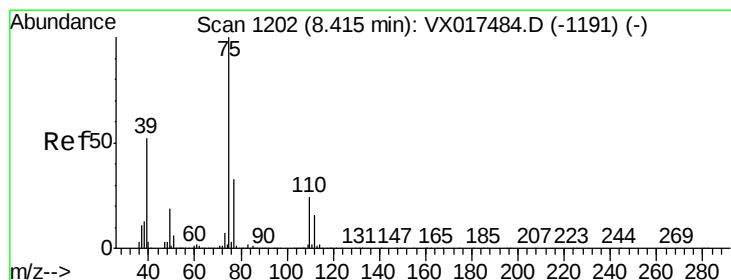
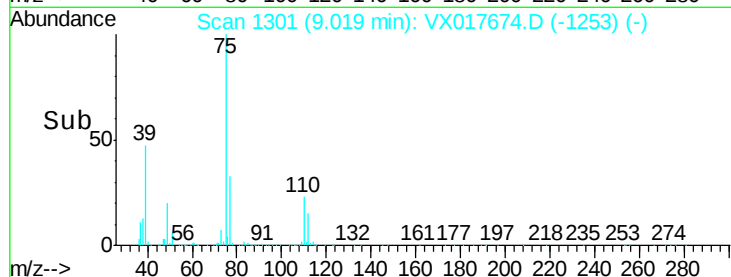
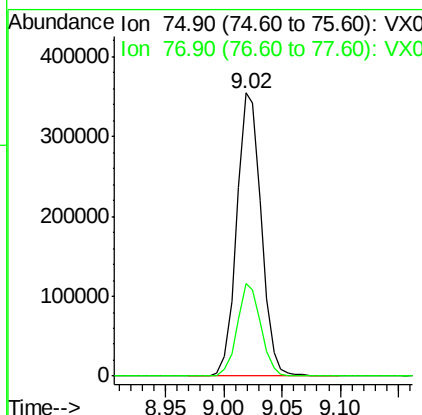
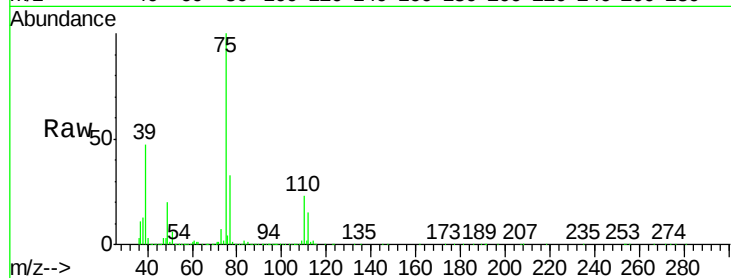




#53
 t-1,3-Dichloropropene
 Concen: 53.713 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

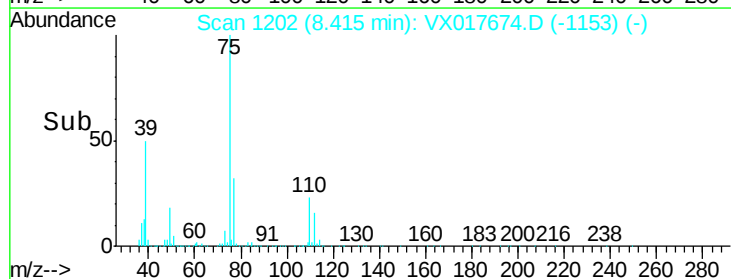
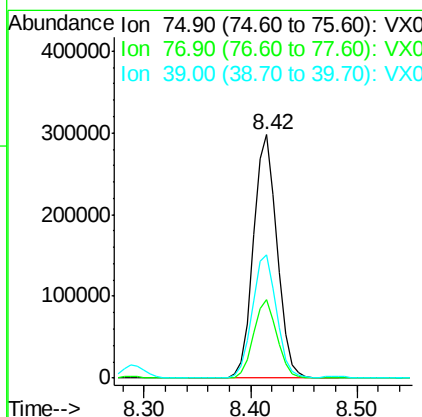
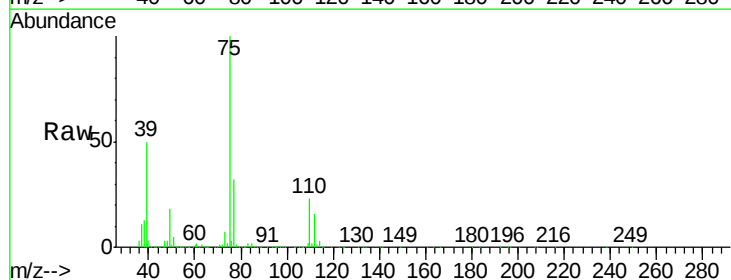
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

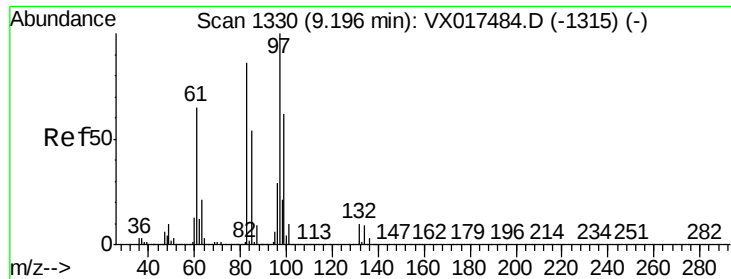
Tot Ion: 75 Resp: 518998
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 47.085 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion: 75 Resp: 464051
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3
 39 50.4 41.8 62.8

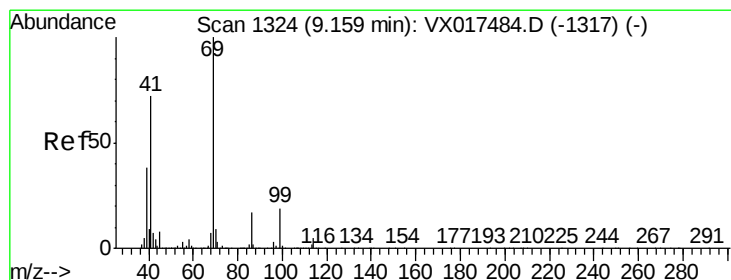
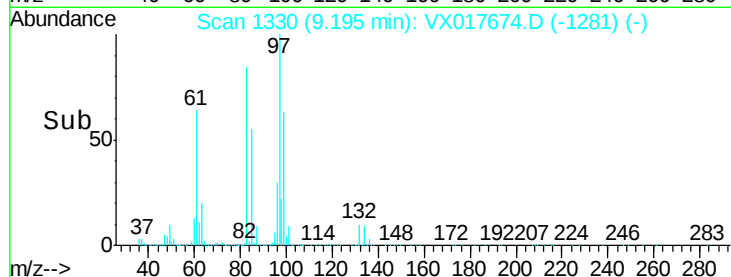
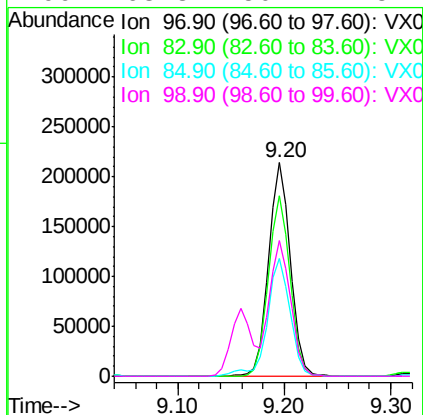
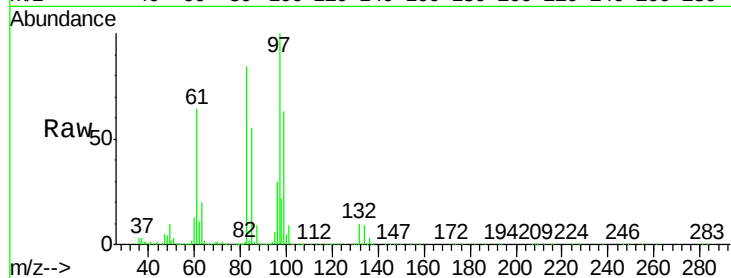




#55
 1,1,2-Trichloroethane
 Concen: 52.626 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

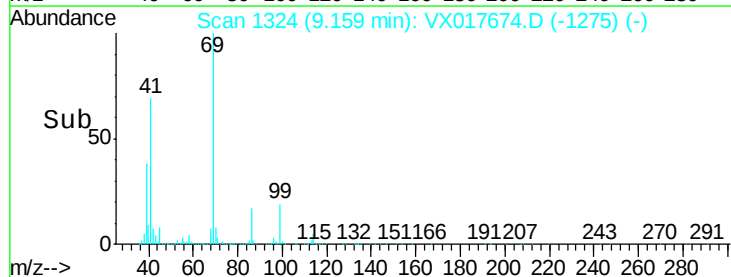
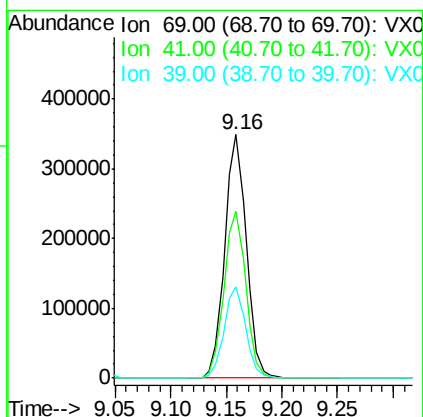
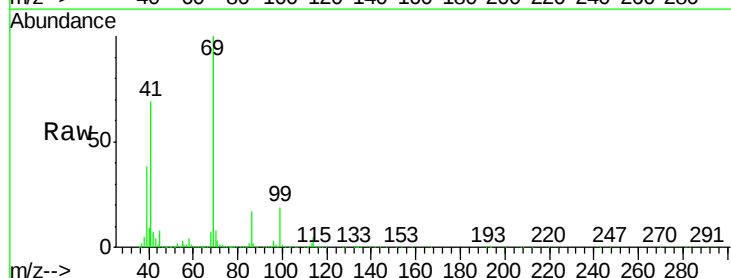
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

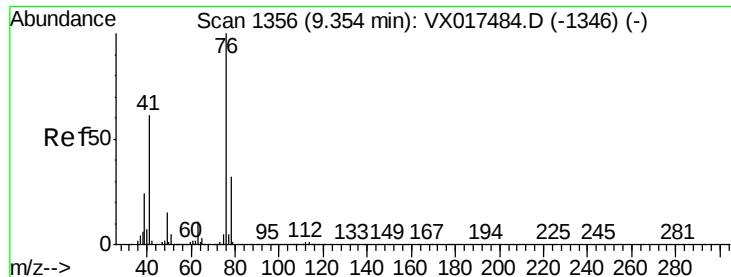
Tot Ion:	97	Resp:	307855
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.6	101.4
85	55.1	44.6	67.0
99	63.3	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 53.282 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion:	69	Resp:	469594
Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.0	82.6
39	37.6	30.0	45.0





#57

1,3-Dichloropropane

Concen: 52.126 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

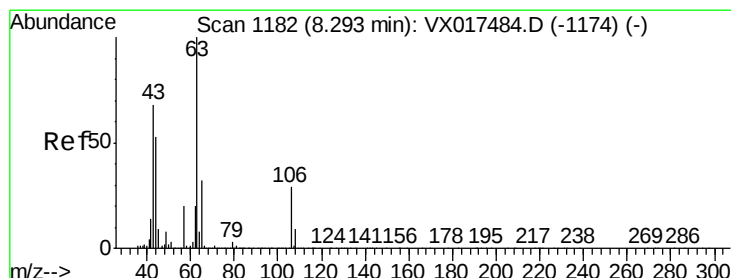
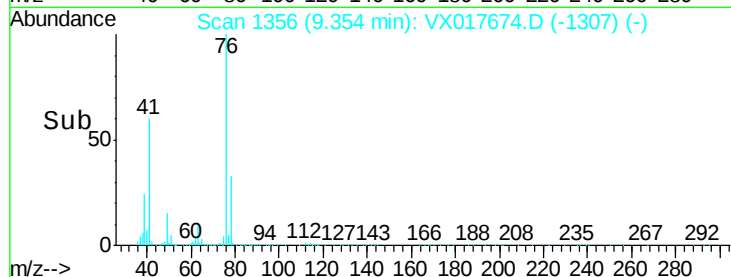
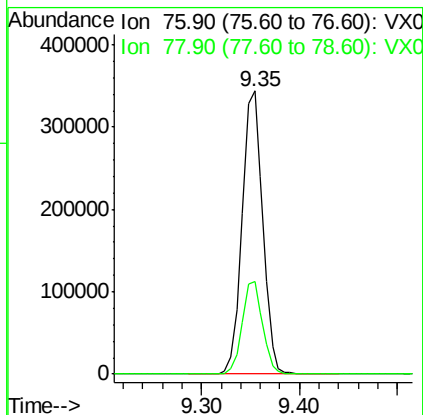
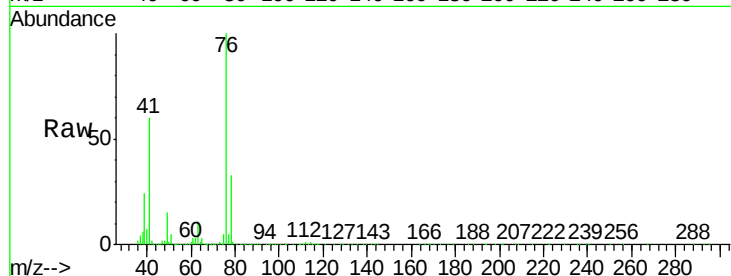
VSTDCCC050

Tot Ion: 76 Resp: 502105

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 236.336 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017674.D

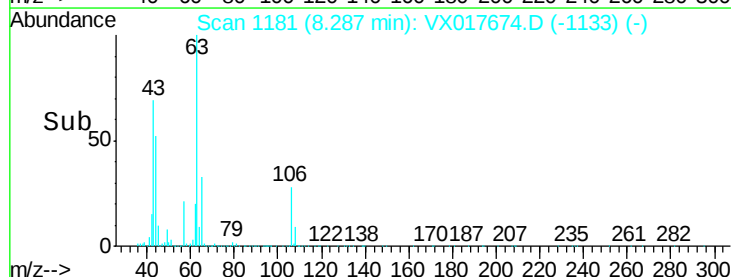
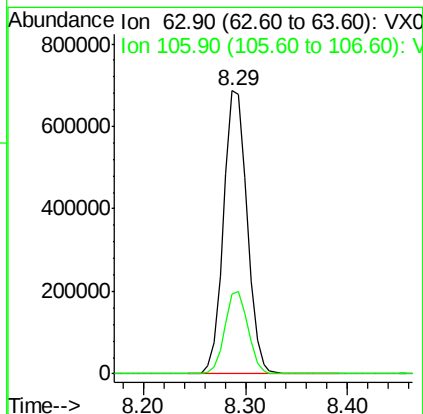
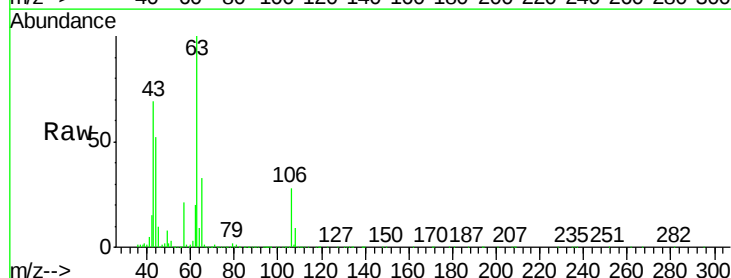
Acq: 30 Jul 2020 11:02

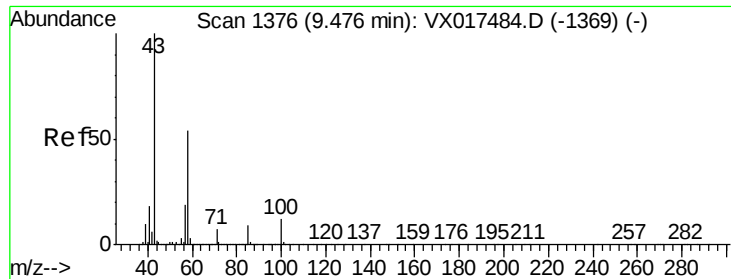
Tgt Ion: 63 Resp: 1097367

Ion Ratio Lower Upper

63 100

106 28.8 22.6 34.0

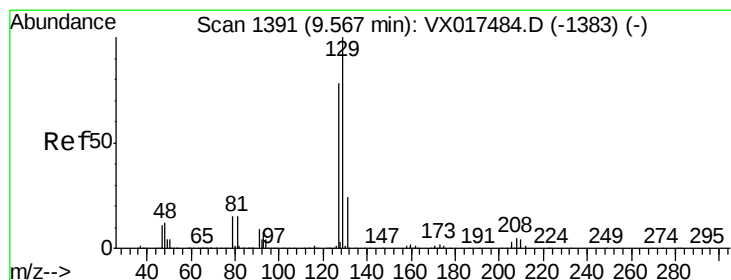
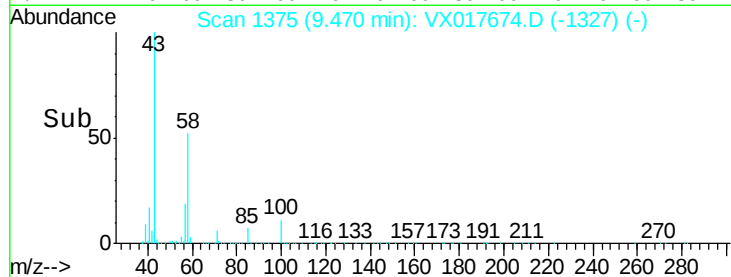
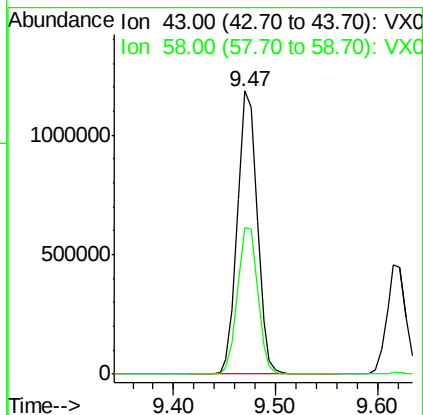
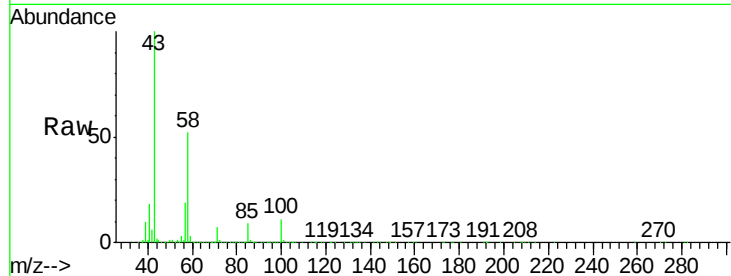




#59
2-Hexanone
Concen: 255.291 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

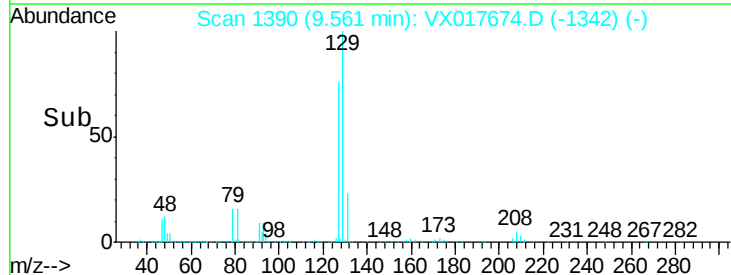
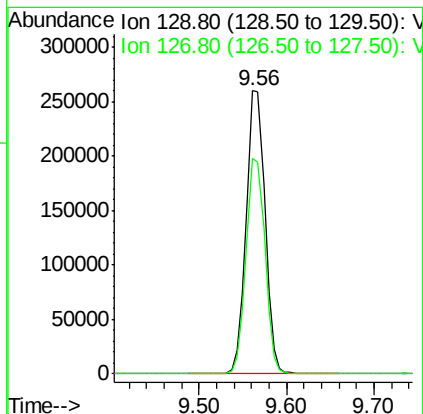
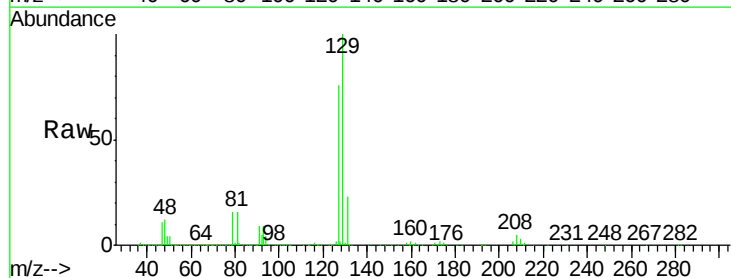
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

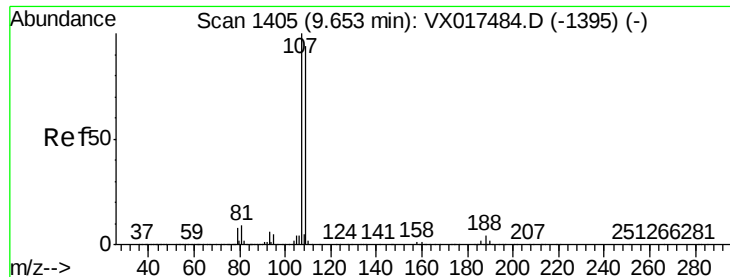
Tot Ion: 43 Resp: 1581242
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.8



#60
Dibromochloromethane
Concen: 52.263 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion:129 Resp: 388587
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 54.265 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

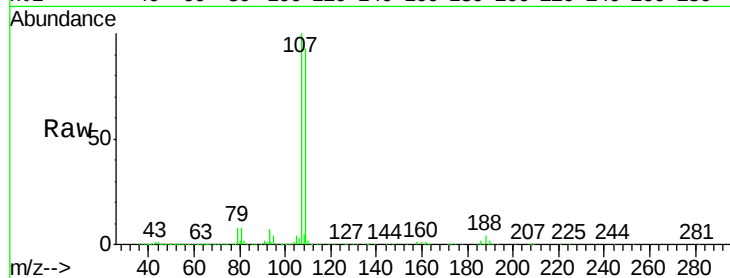
VSTDCCC050

Tot Ion:107 Resp: 337964

Ion Ratio Lower Upper

107 100

109 94.2 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

250000

200000

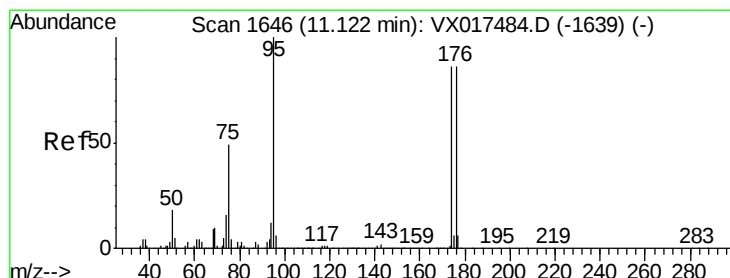
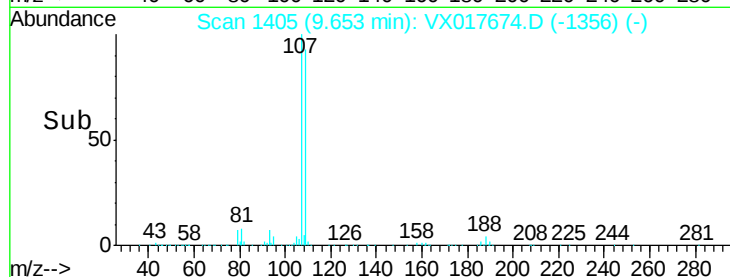
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.744 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

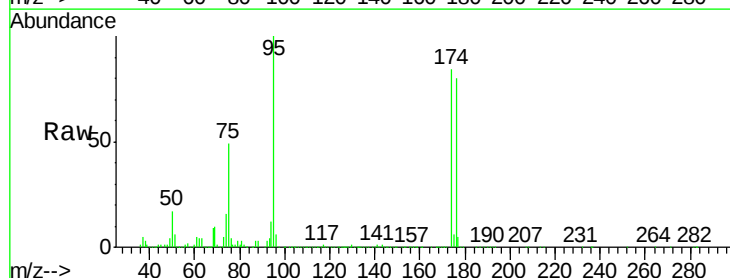
Tgt Ion: 95 Resp: 405559

Ion Ratio Lower Upper

95 100

174 83.6 0.0 169.0

176 80.0 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

400000

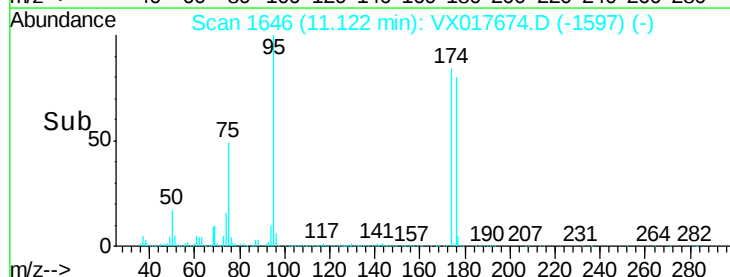
300000

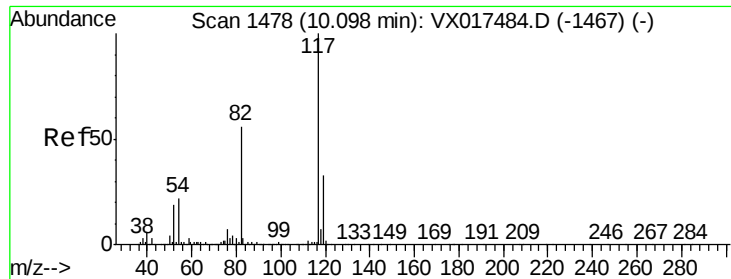
200000

100000

0

Time-->

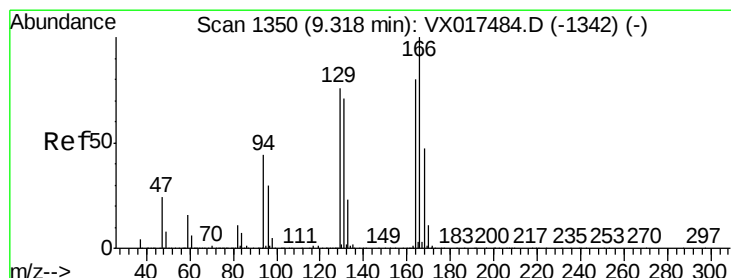
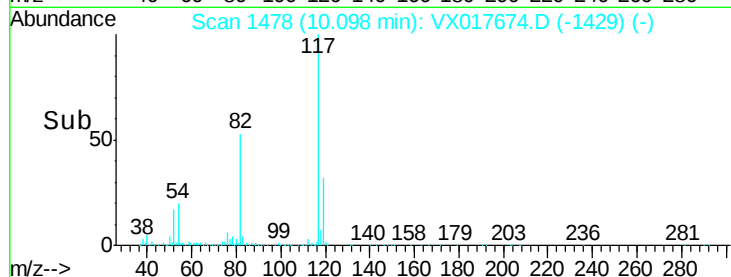
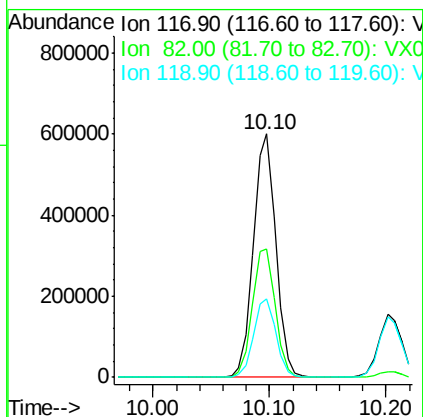
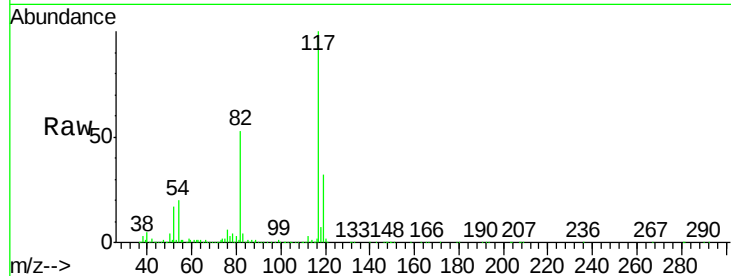




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

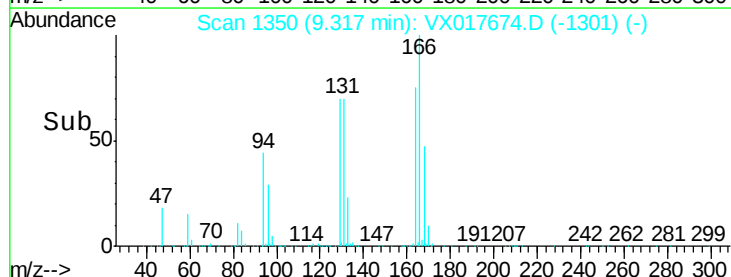
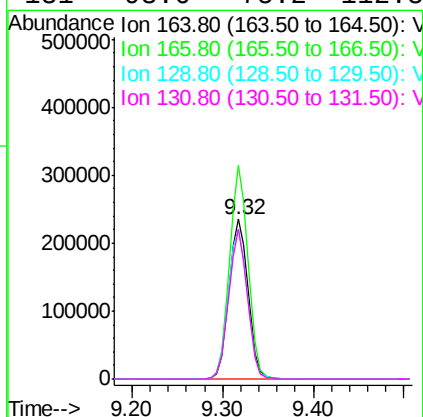
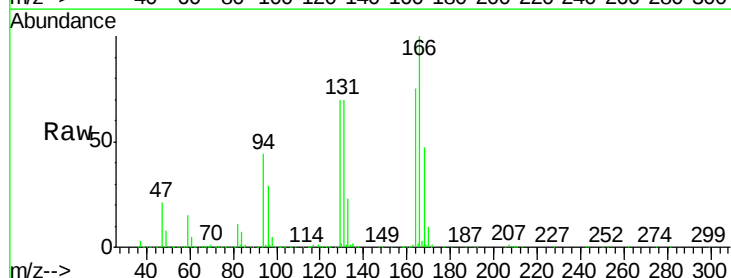
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

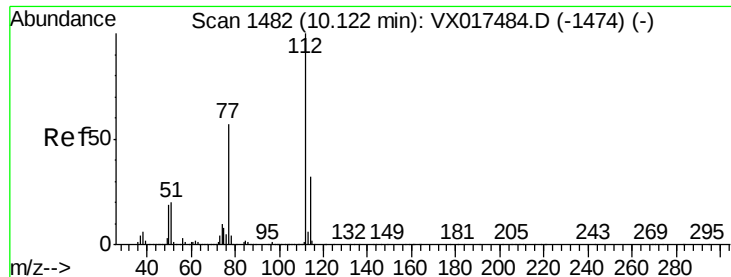
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	44.0	66.0
119	32.4	25.4	38.0



#64
Tetrachloroethene
Concen: 47.256 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.8	100.6	150.8
129	93.7	75.0	112.6
131	93.6	75.2	112.8





#65

Chlorobenzene

Concen: 46.854 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

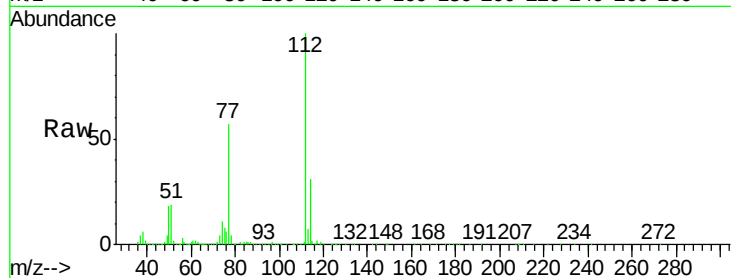
VSTDCCC050

Tot Ion:112 Resp: 819969

Ion Ratio Lower Upper

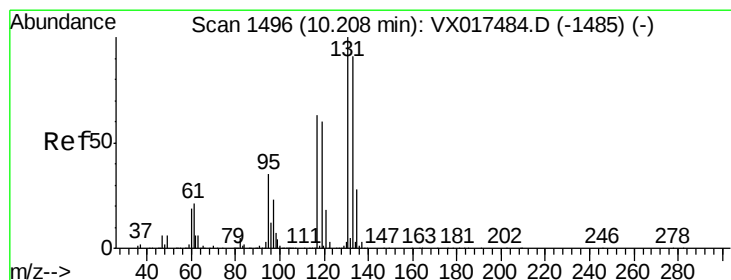
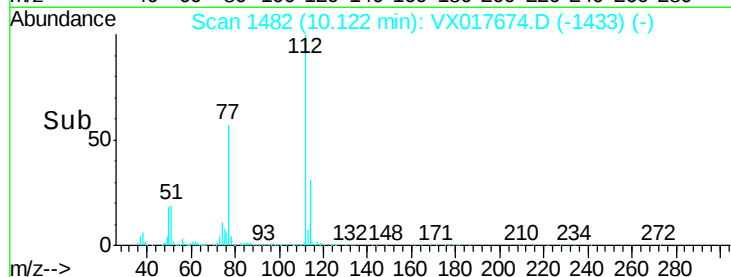
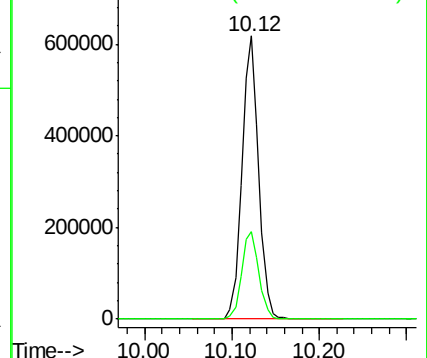
112 100

114 31.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.763 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

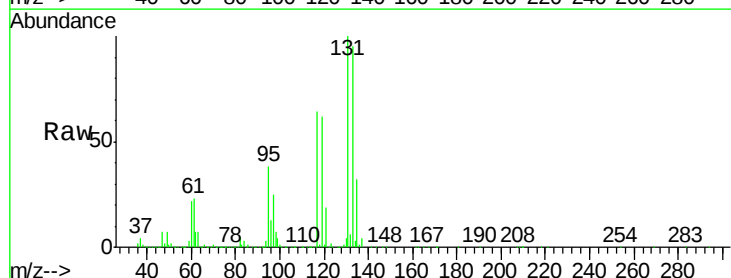
Tgt Ion:131 Resp: 337350

Ion Ratio Lower Upper

131 100

133 96.4 47.9 143.6

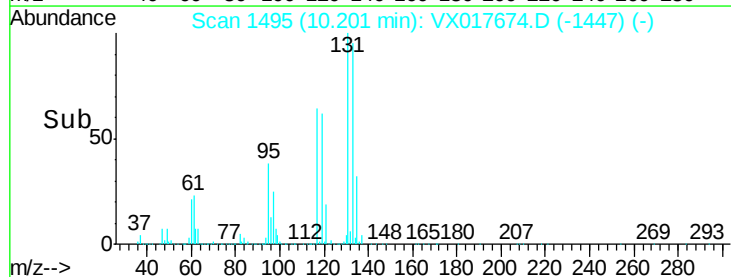
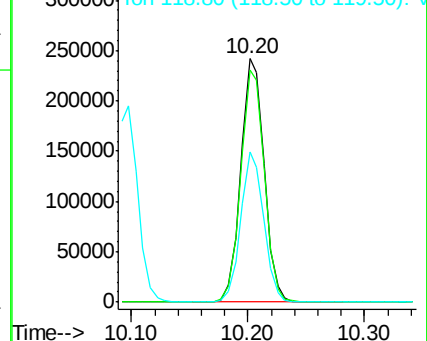
119 60.8 31.1 93.3

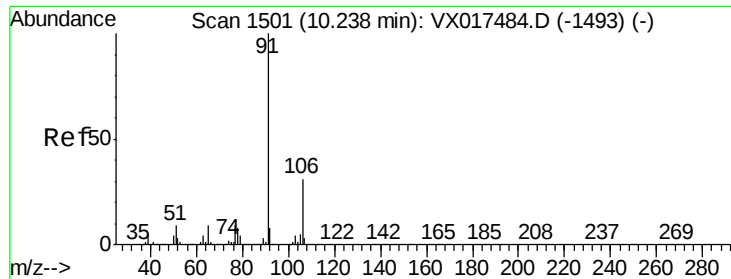


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

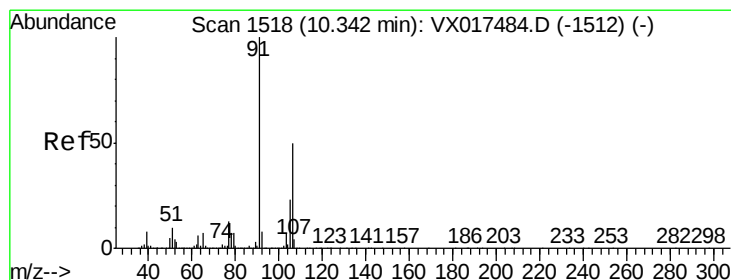
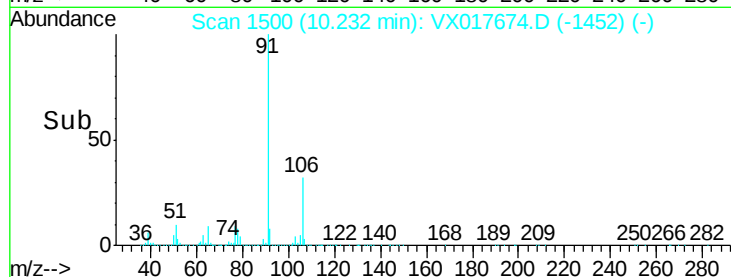
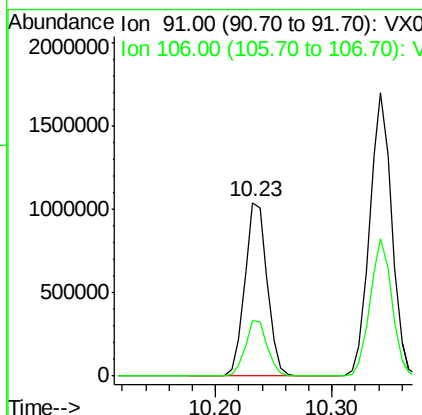
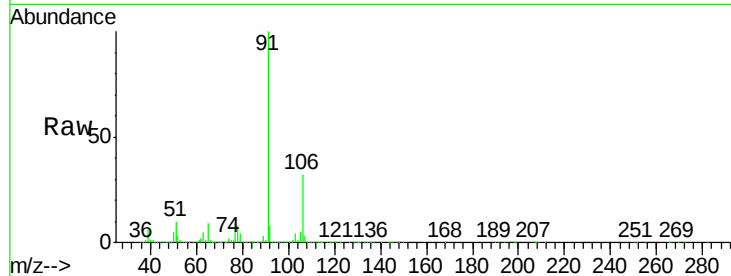




#67
Ethyl Benzene
Concen: 48.036 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

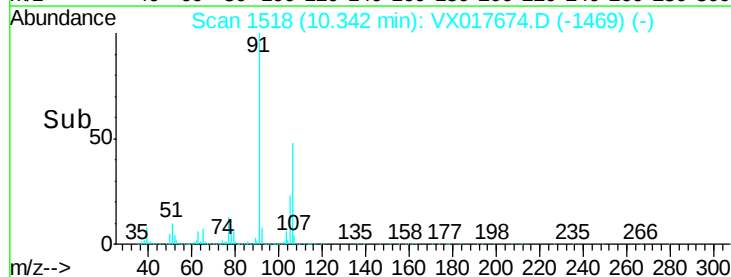
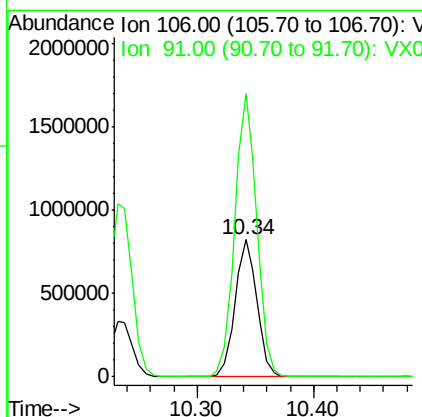
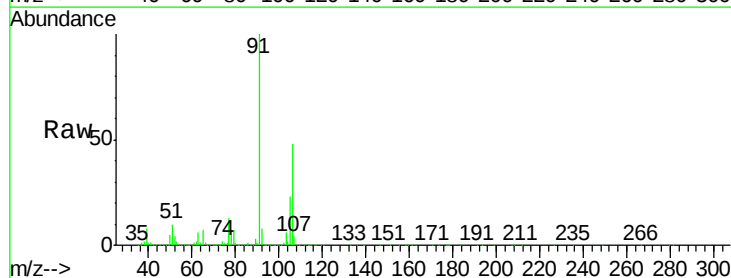
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

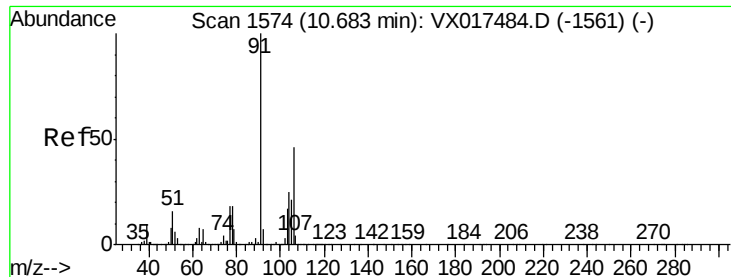
Tot Ion: 91 Resp: 1403259
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.6



#68
m/p-Xylenes
Concen: 94.758 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 106 Resp: 1072376
Ion Ratio Lower Upper
106 100
91 207.9 160.9 241.3

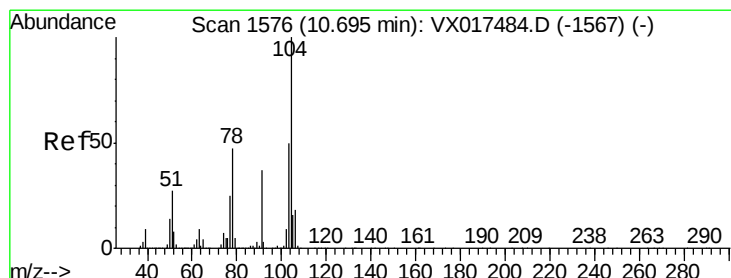
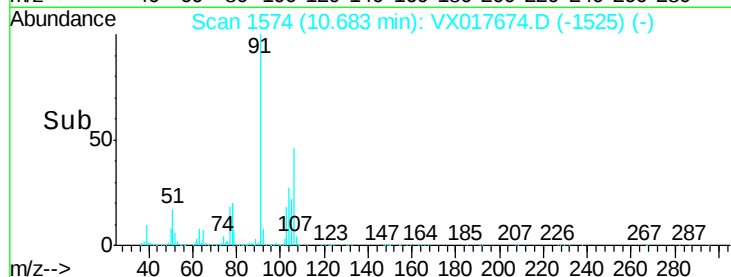
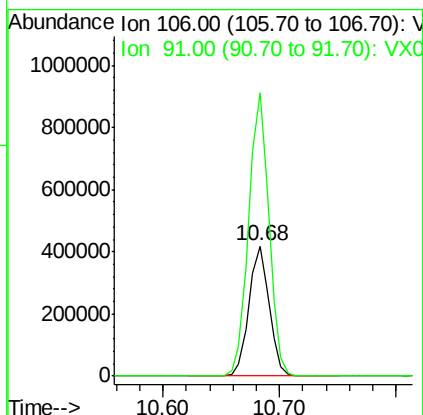
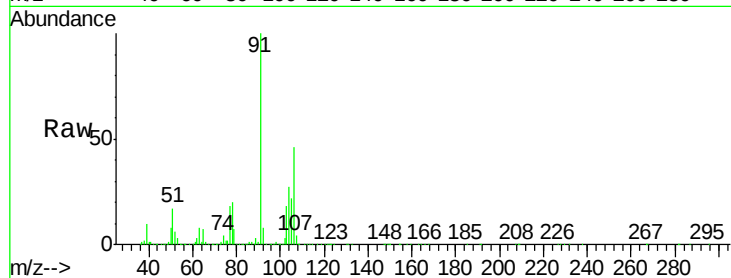




#69
o-Xylene
Concen: 47.060 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

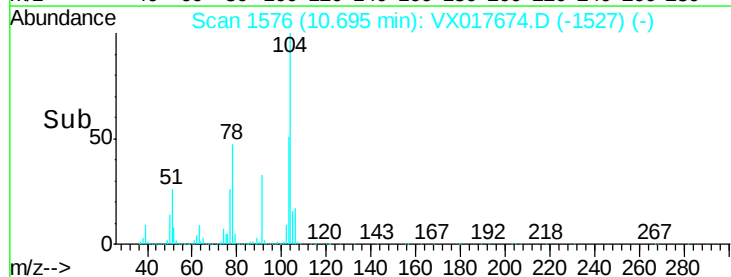
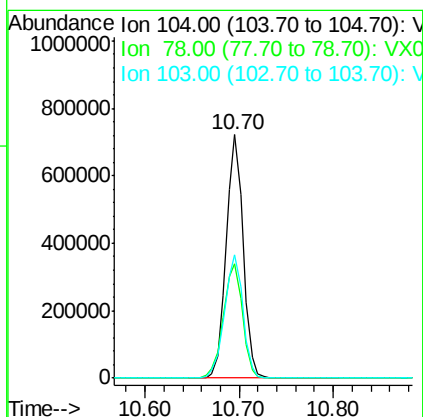
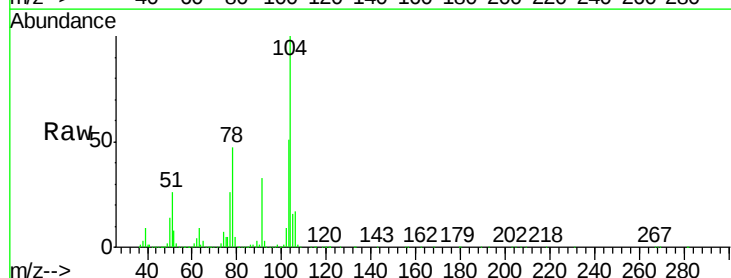
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 512223
Ion Ratio Lower Upper
106 100
91 217.6 108.2 324.6



#70
Styrene
Concen: 48.755 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion:104 Resp: 902879
Ion Ratio Lower Upper
104 100
78 53.2 42.5 63.7
103 55.0 44.3 66.5





#71

Bromoform

Concen: 47.064 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

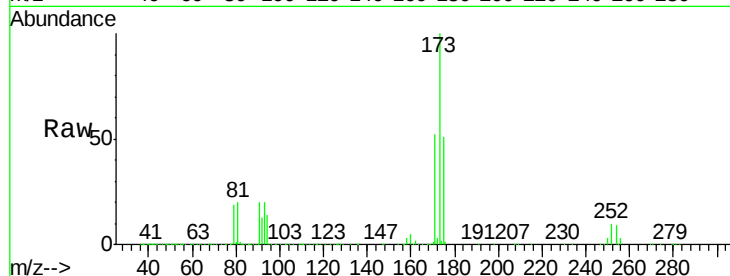
Tot Ion:173 Resp: 287994

Ion Ratio Lower Upper

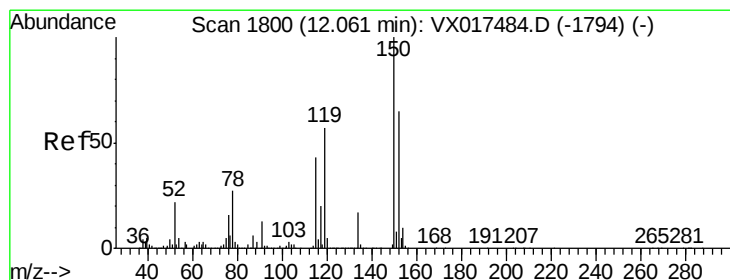
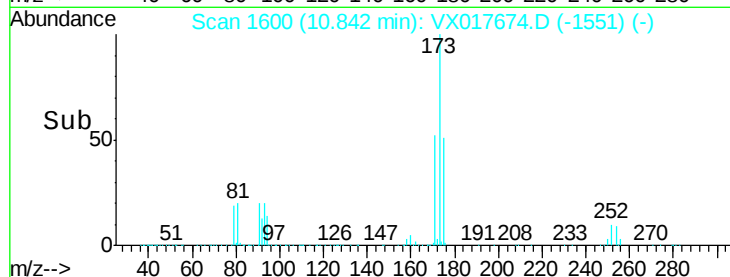
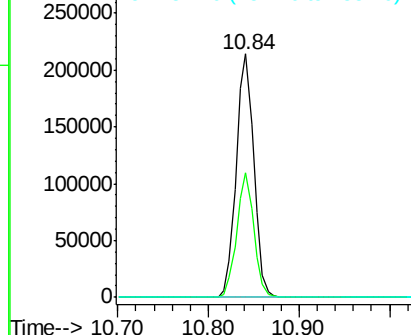
173 100

175 49.7 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: VX017674.D

Acq: 30 Jul 2020 11:02

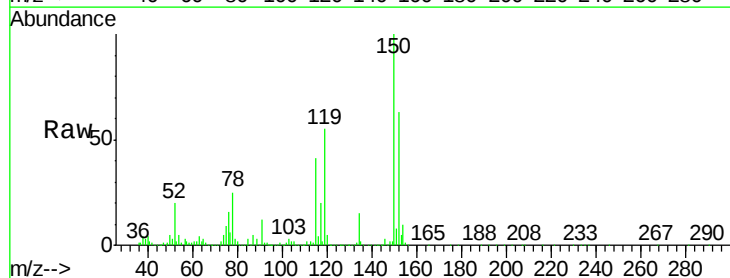
Tgt Ion:152 Resp: 431647

Ion Ratio Lower Upper

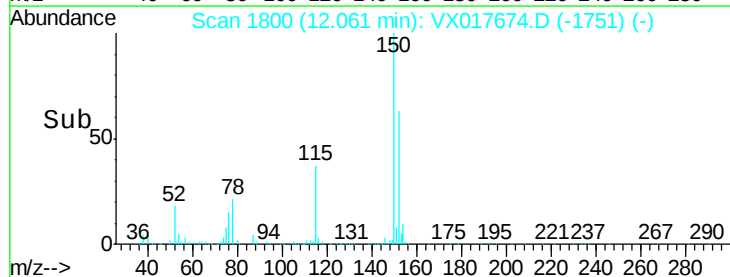
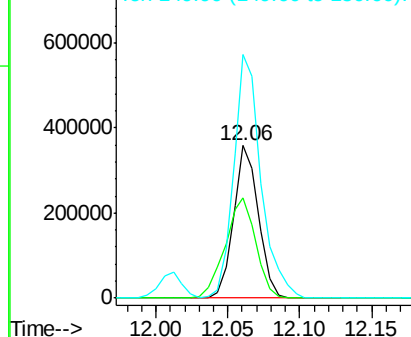
152 100

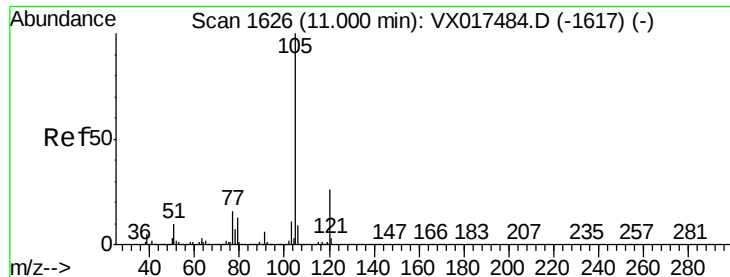
115 80.7 65.5 196.6

150 175.4 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: 47.563 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

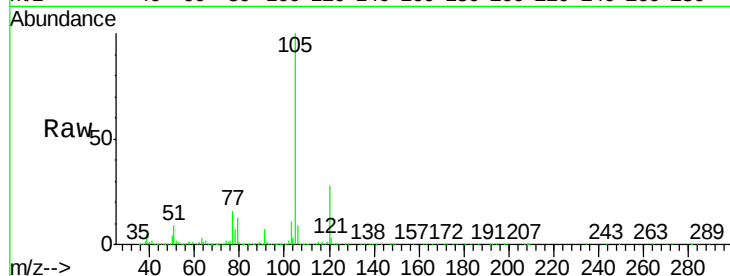
VSTDCCC050

Tot Ion:105 Resp: 1408425

Ion Ratio Lower Upper

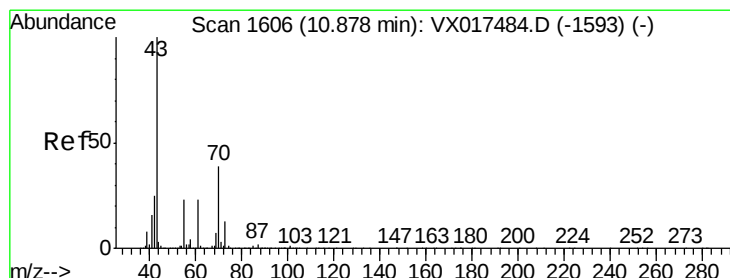
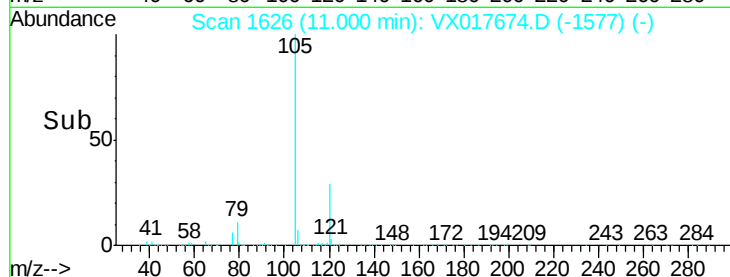
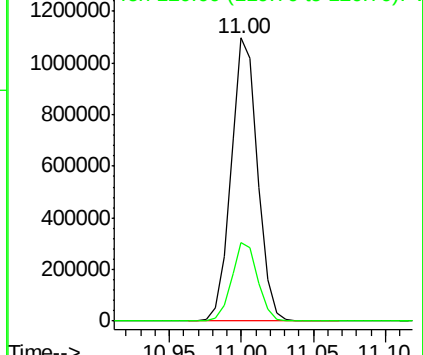
105 100

120 27.2 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: 45.979 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Tgt Ion: 43 Resp: 604932

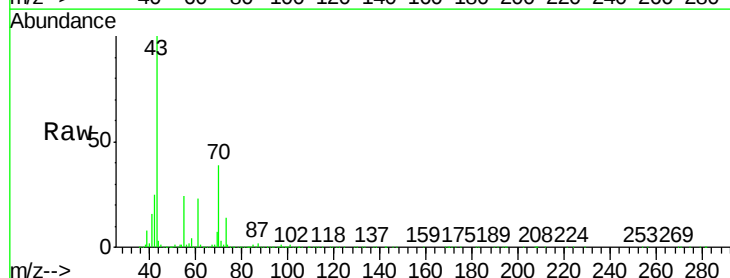
Ion Ratio Lower Upper

43 100

70 41.1 32.3 48.5

55 24.5 18.4 27.6

61 23.8 18.6 28.0

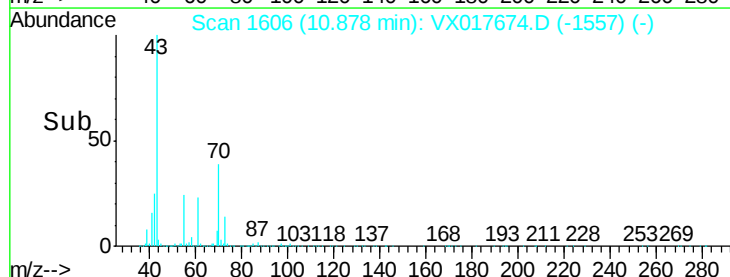
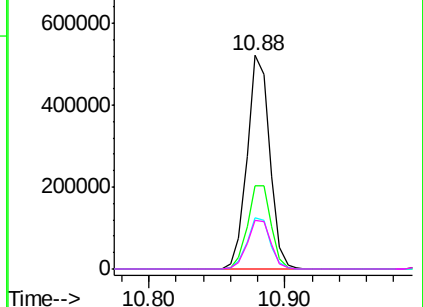


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.486 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

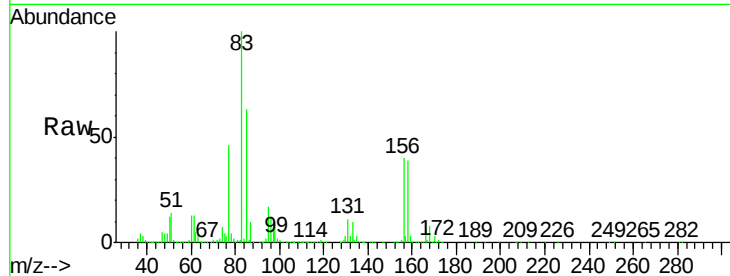
Tot Ion: 83 Resp: 411182

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.5

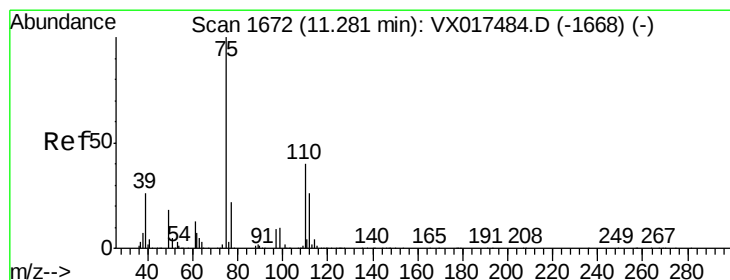
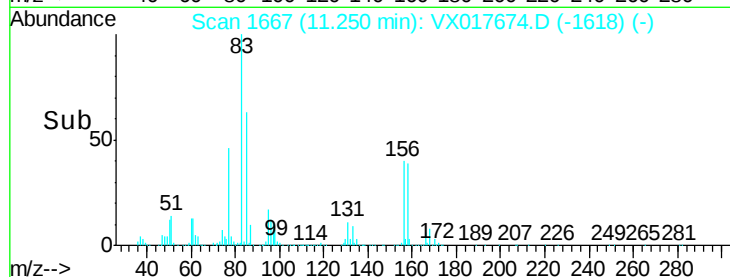
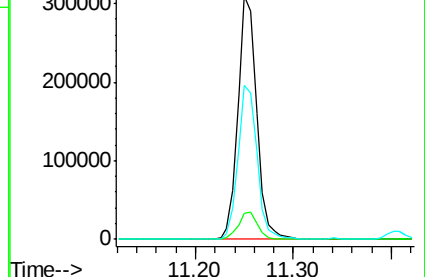
85 64.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 59.705 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017674.D

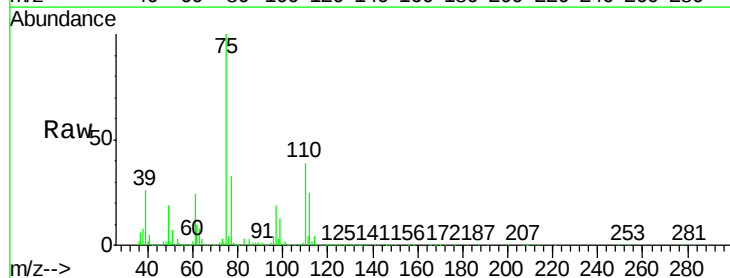
Acq: 30 Jul 2020 11:02

Tgt Ion: 75 Resp: 530130

Ion Ratio Lower Upper

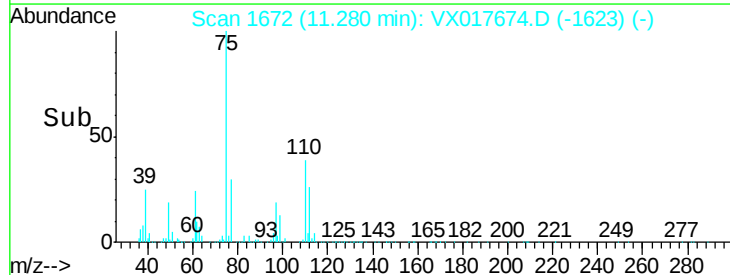
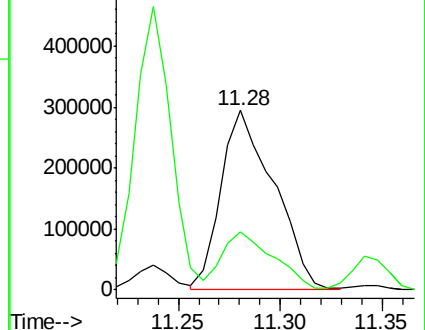
75 100

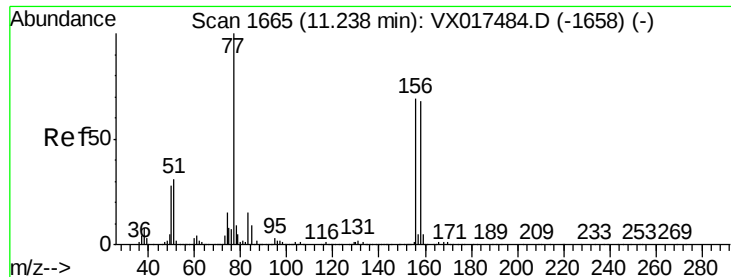
77 31.4 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.793 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

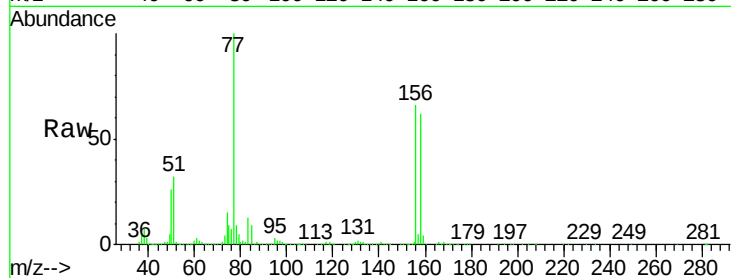
Tot Ion:156 Resp: 379620

Ion Ratio Lower Upper

156 100

77 150.4 75.0 225.0

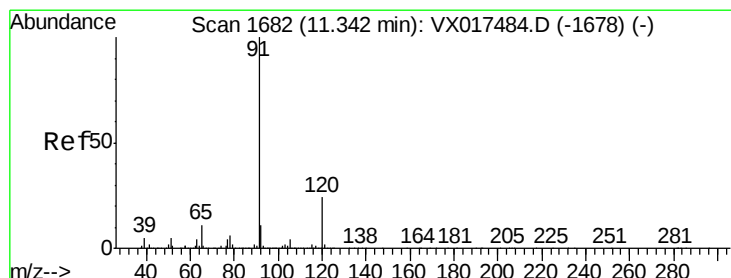
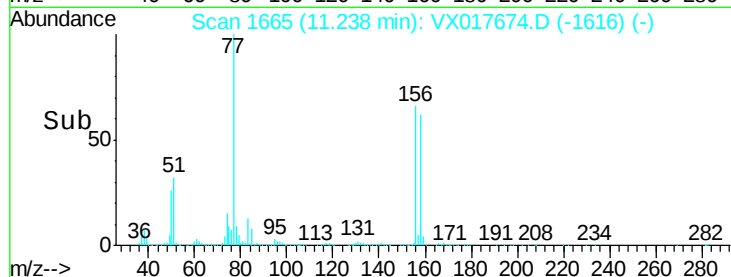
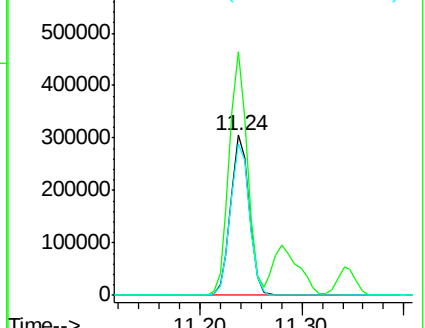
158 96.8 49.1 147.3



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: 48.708 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017674.D

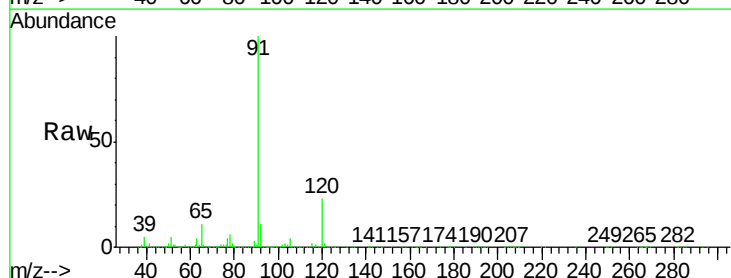
Acq: 30 Jul 2020 11:02

Tgt Ion: 91 Resp: 1626719

Ion Ratio Lower Upper

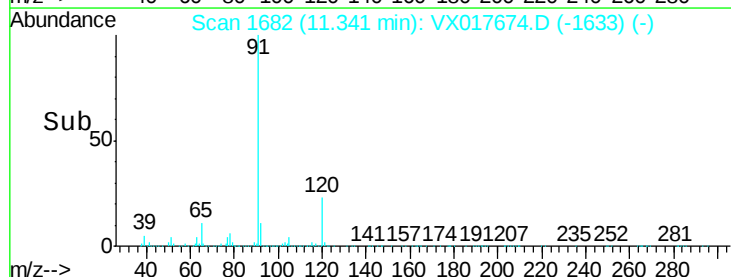
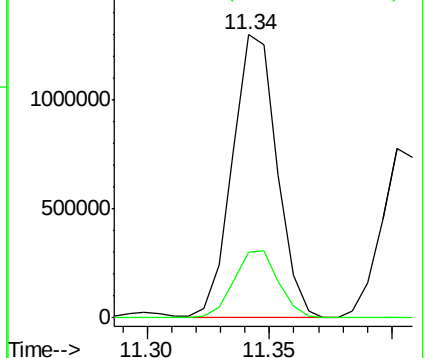
91 100

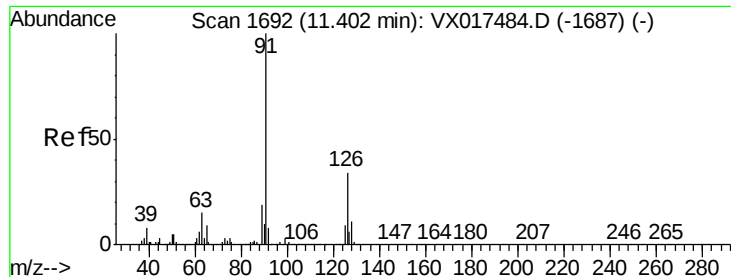
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.805 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

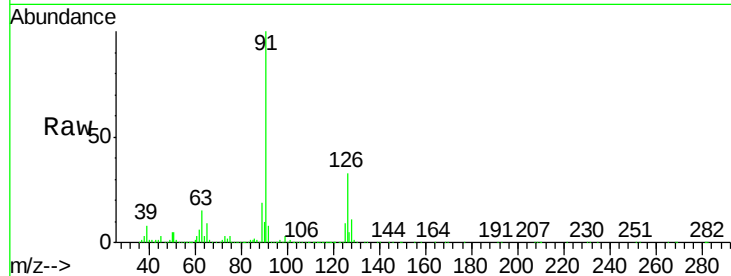
VSTDCCC050

Tot Ion: 91 Resp: 968310

Ion Ratio Lower Upper

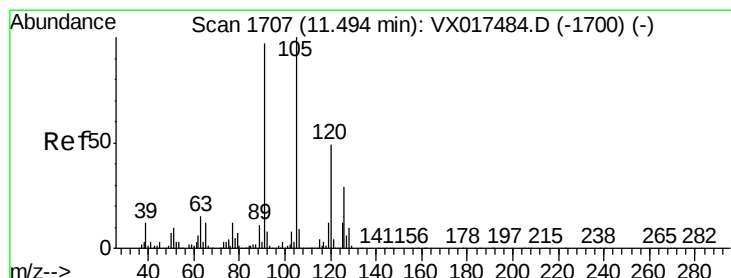
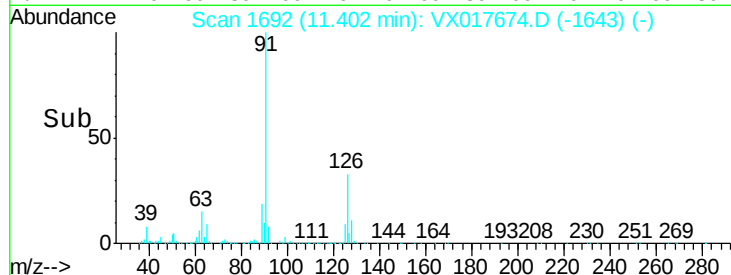
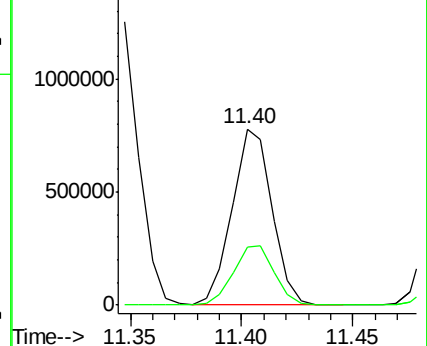
91 100

126 34.9 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX017674.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX017674.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.171 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017674.D

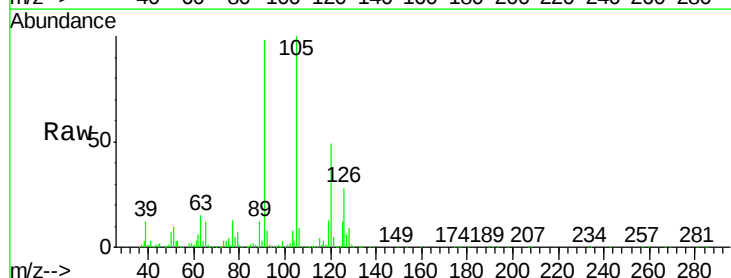
Acq: 30 Jul 2020 11:02

Tgt Ion: 105 Resp: 1217895

Ion Ratio Lower Upper

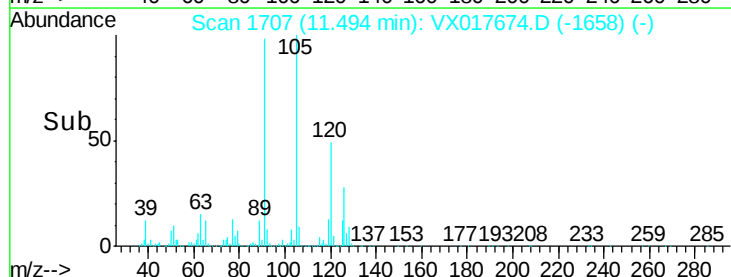
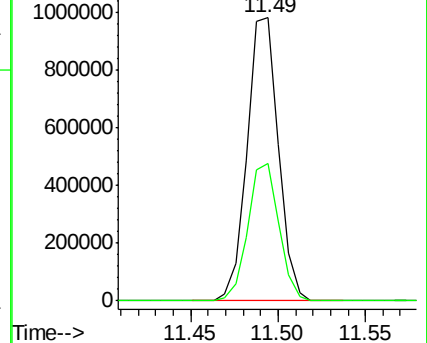
105 100

120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017674.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX017674.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.235 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

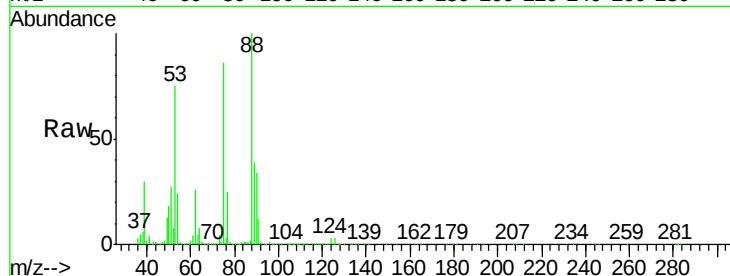
Tot Ion: 75 Resp: 159399

Ion Ratio Lower Upper

75 100

53 96.6 75.9 113.9

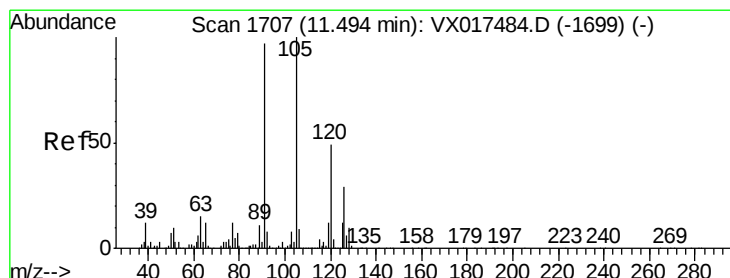
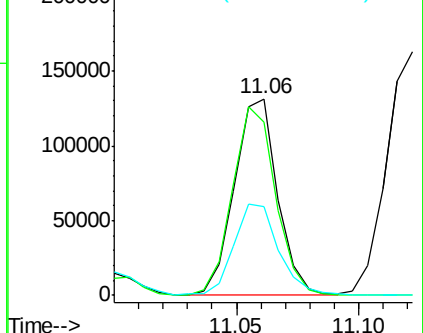
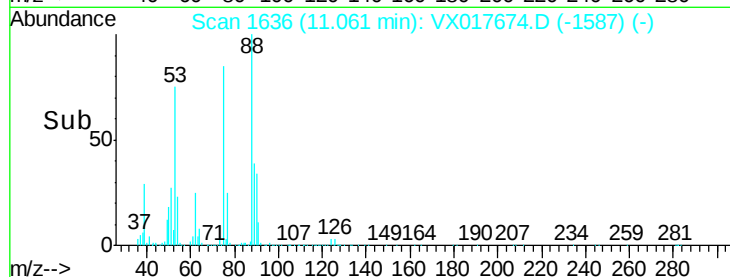
89 49.4 37.8 56.6



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: 47.825 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017674.D

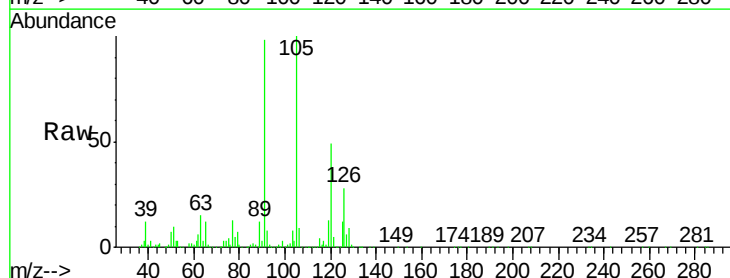
Acq: 30 Jul 2020 11:02

Tgt Ion: 91 Resp: 1167126

Ion Ratio Lower Upper

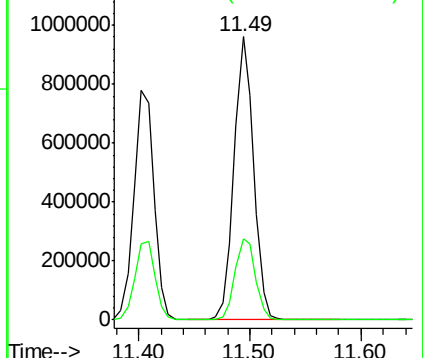
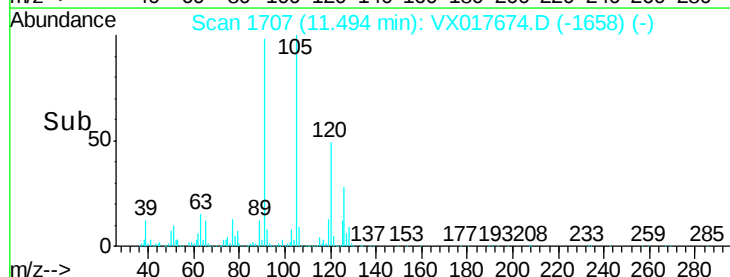
91 100

126 30.2 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

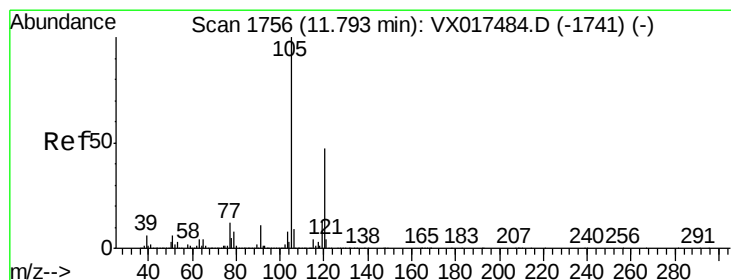
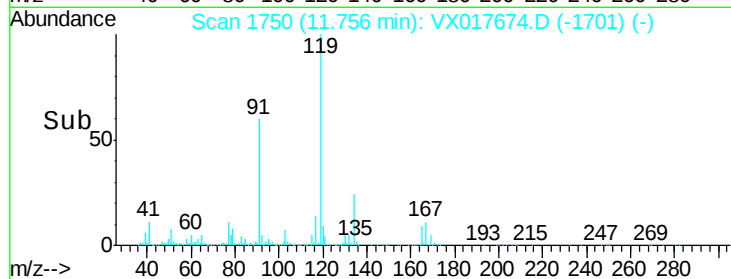
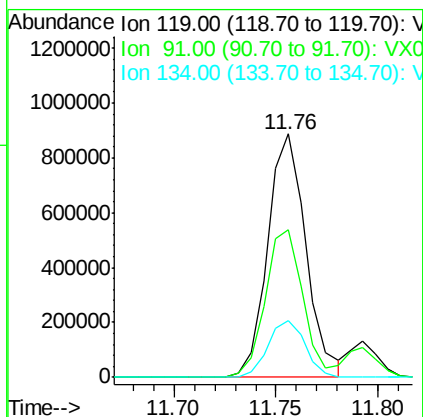
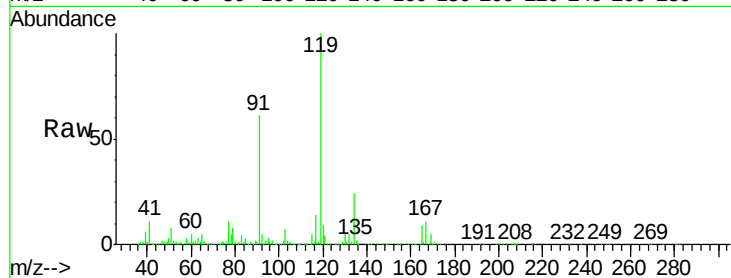




#83
tert-Butylbenzene
Concen: 47.864 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

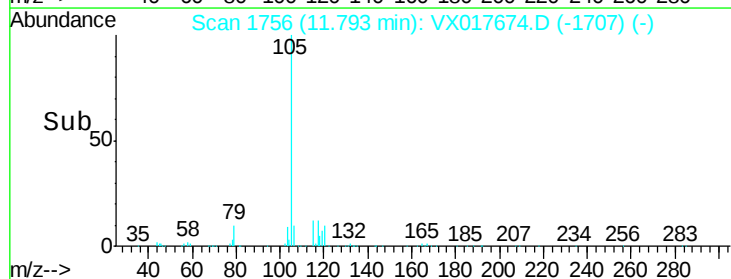
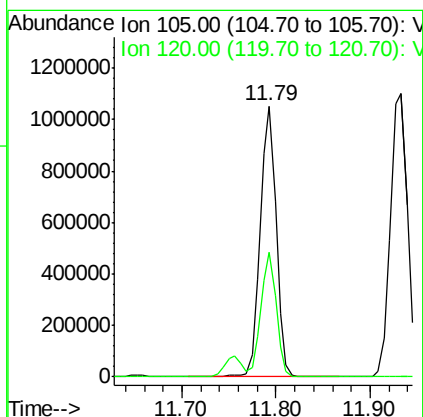
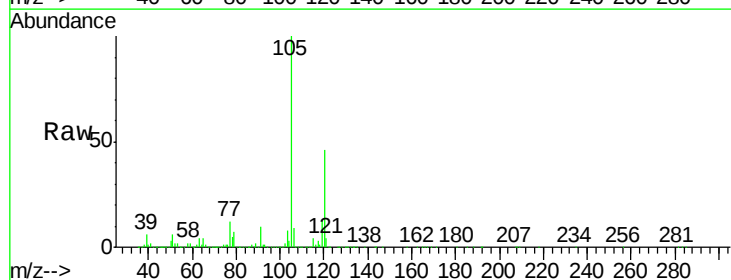
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

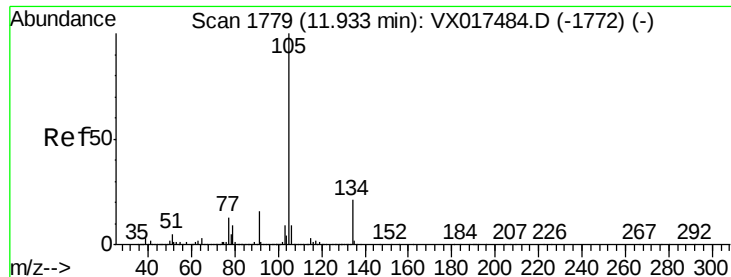
Tot Ion:119 Resp: 1157933
Ion Ratio Lower Upper
119 100
91 59.1 29.3 88.0
134 22.9 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 49.508 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion:105 Resp: 1244971
Ion Ratio Lower Upper
105 100
120 44.5 22.7 68.0

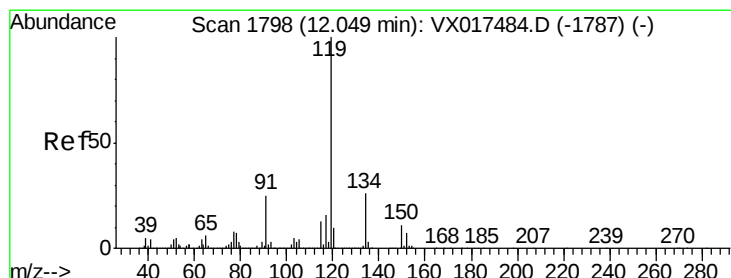
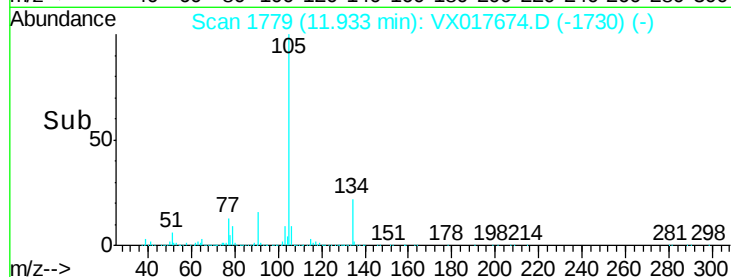
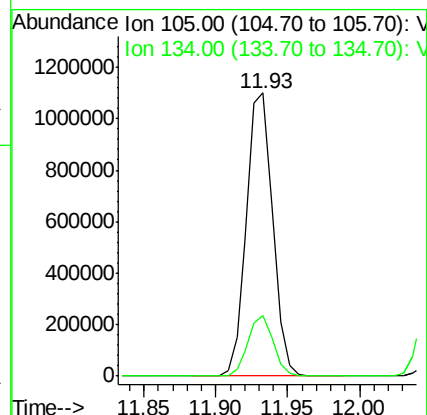
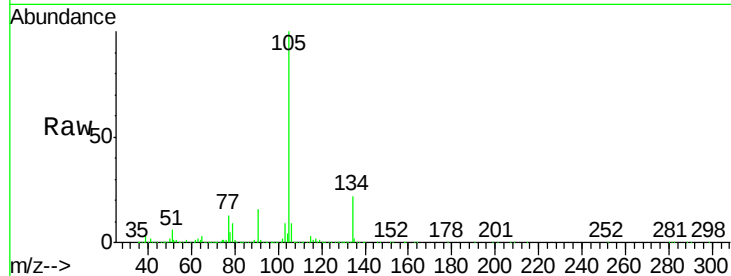




#85
 sec-Butylbenzene
 Concen: 49.132 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

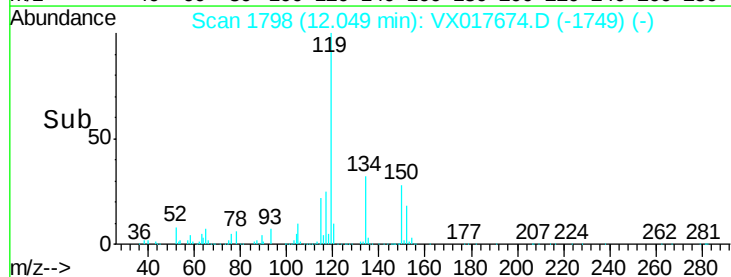
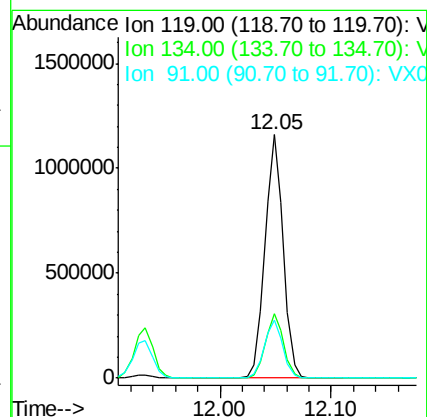
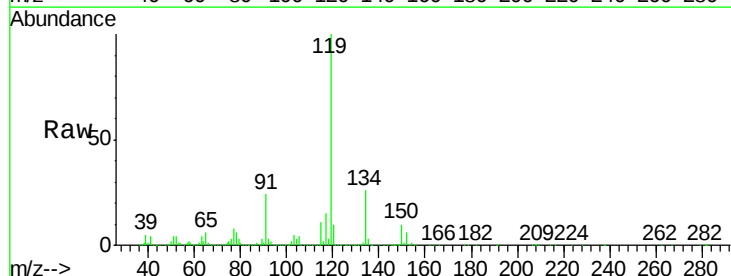
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

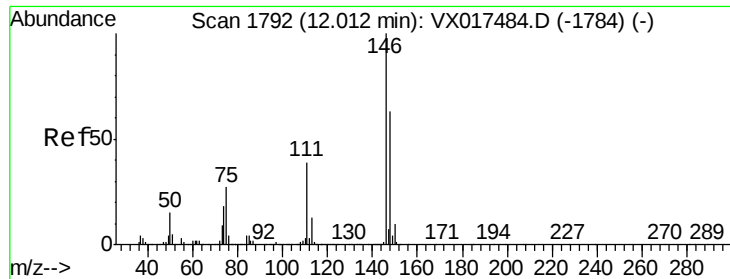
Tot Ion:105 Resp: 1384644
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 49.532 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion:119 Resp: 1329324
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.9 12.1 36.3

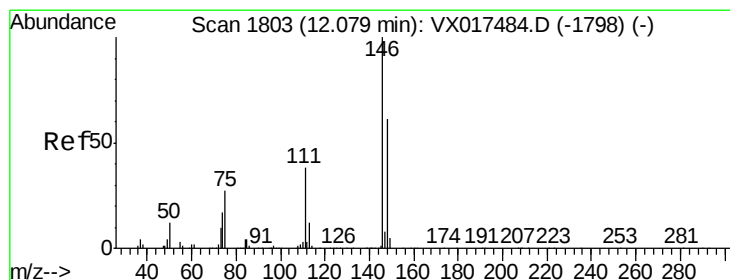
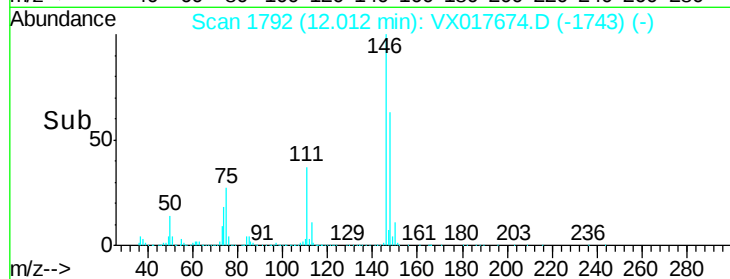
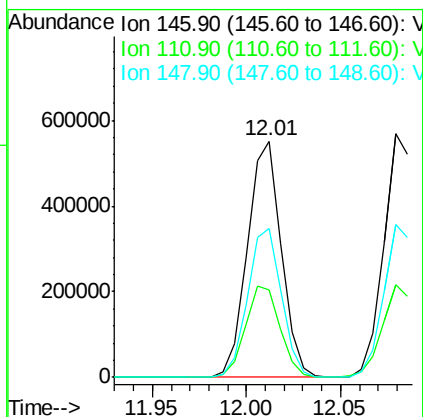
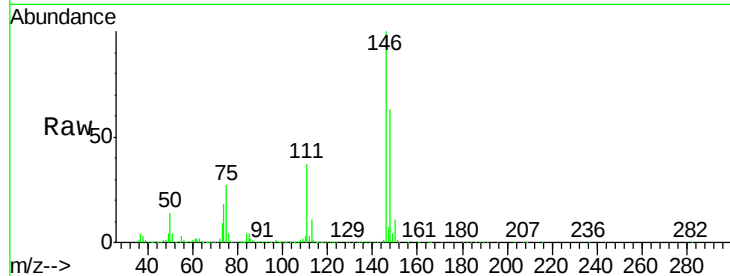




#87
 1,3-Dichlorobenzene
 Concen: 48.199 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

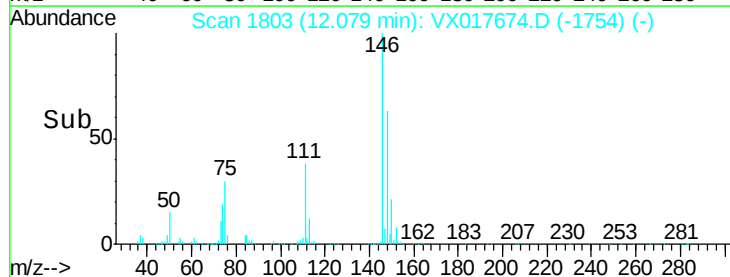
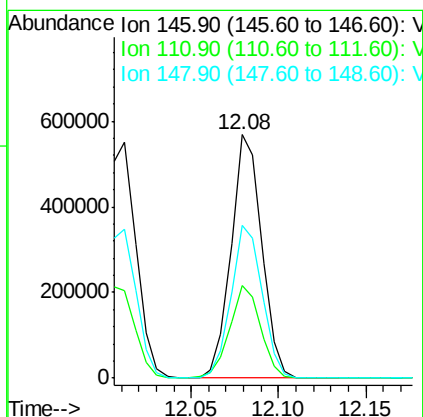
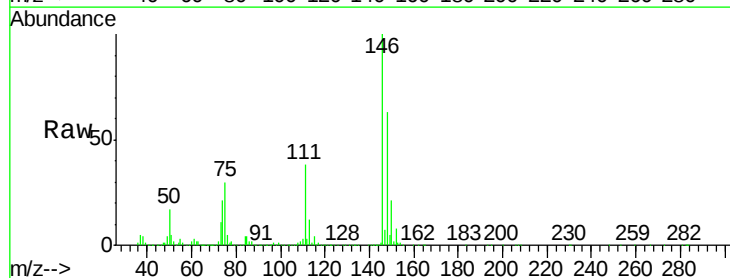
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

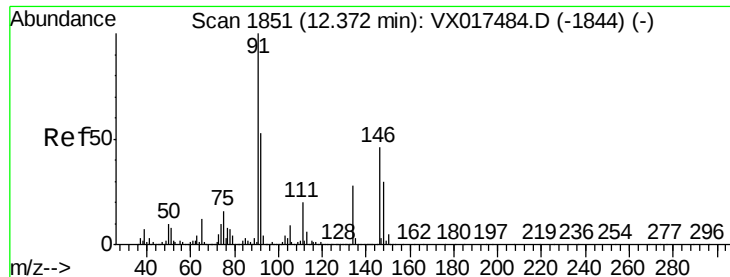
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.7
148	63.1	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 46.998 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.8
148	63.8	32.2	96.6

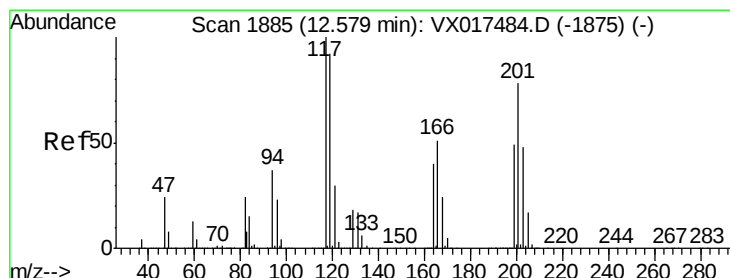
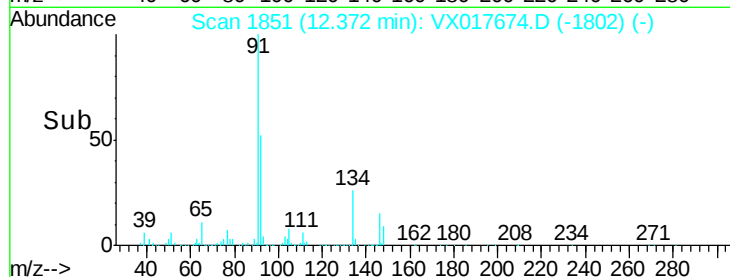
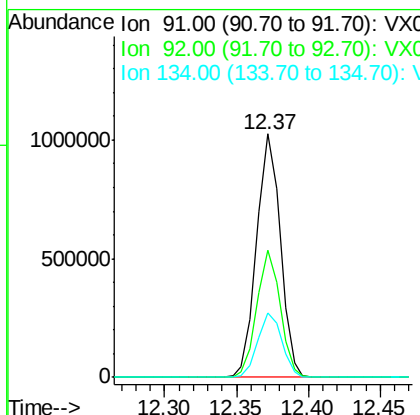
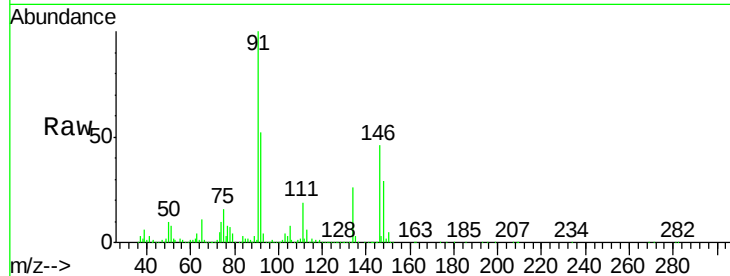




#89
n-Butylbenzene
Concen: 48.648 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

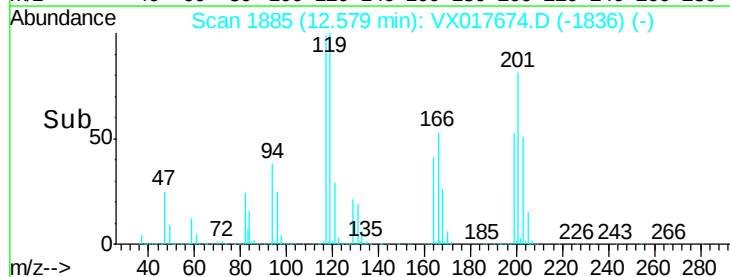
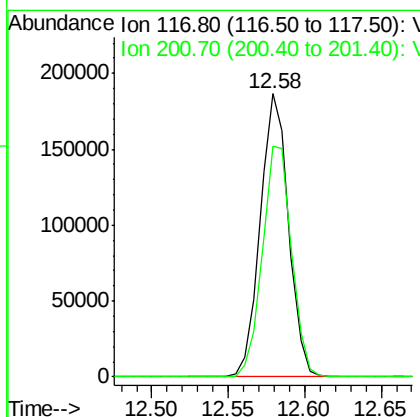
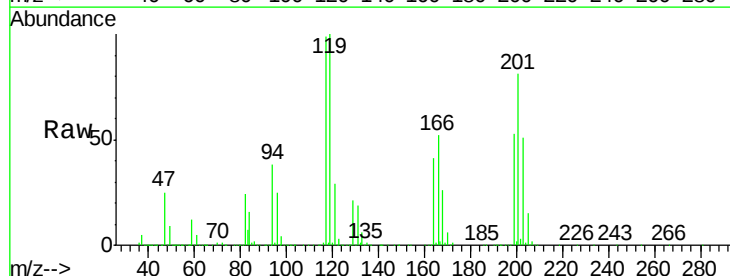
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

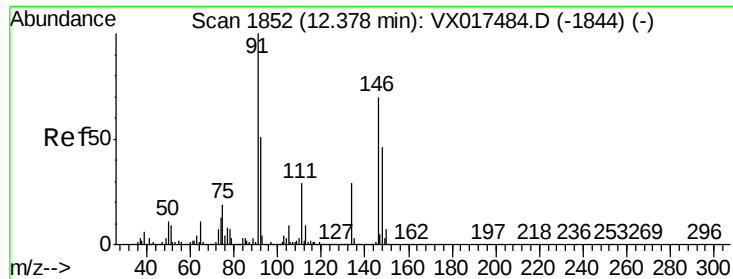
Tot Ion: 91 Resp: 1163381
Ion Ratio Lower Upper
91 100
92 51.6 26.7 80.1
134 26.8 13.6 40.7



#90
Hexachloroethane
Concen: 45.386 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 117 Resp: 240138
Ion Ratio Lower Upper
117 100
201 84.6 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 46.935 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

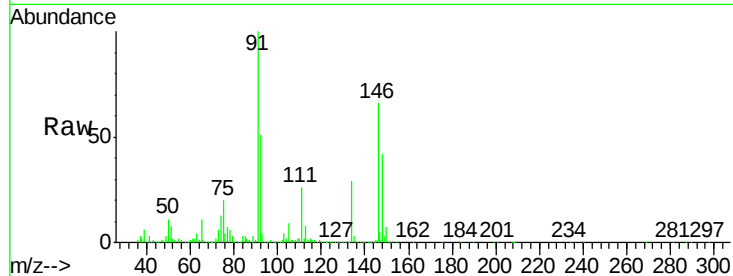
Tot Ion:146 Resp: 656686

Ion Ratio Lower Upper

146 100

111 40.4 20.9 62.8

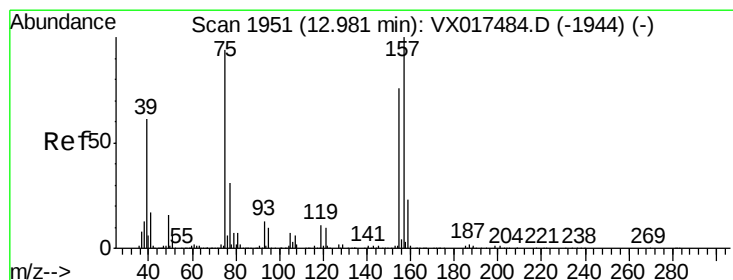
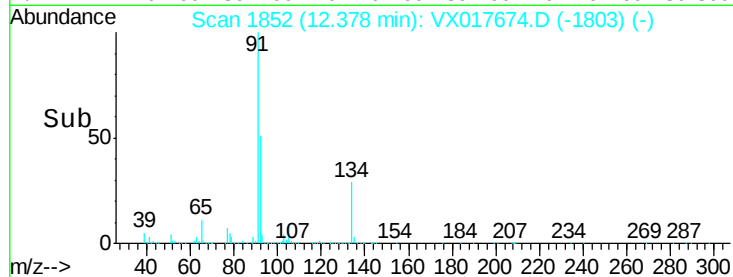
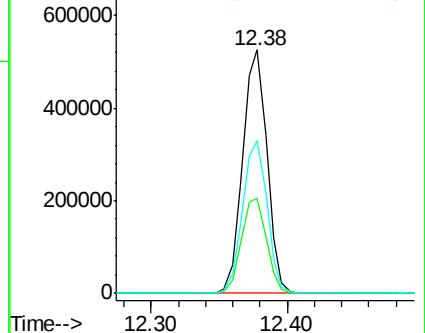
148 63.0 32.8 98.4



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: 42.497 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

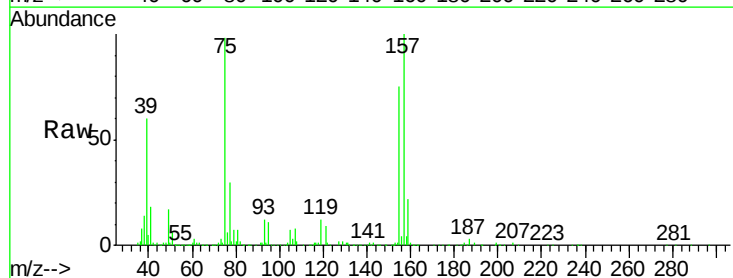
Tgt Ion: 75 Resp: 110016

Ion Ratio Lower Upper

75 100

155 83.3 42.3 126.8

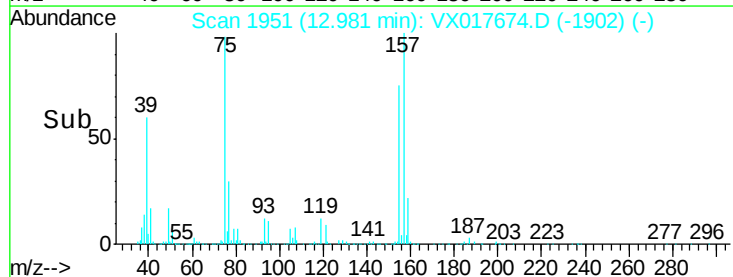
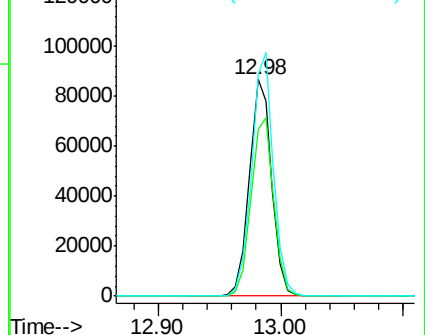
157 109.9 54.3 162.9

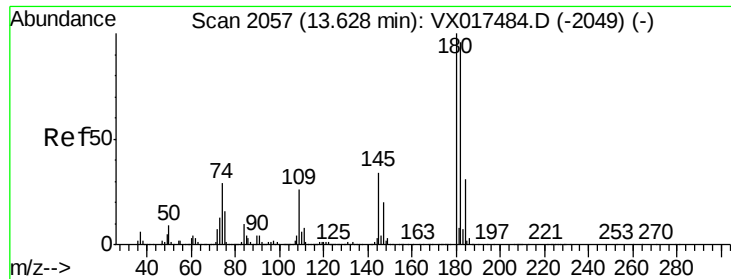


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

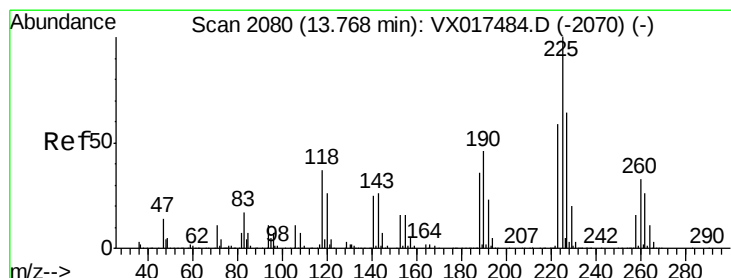
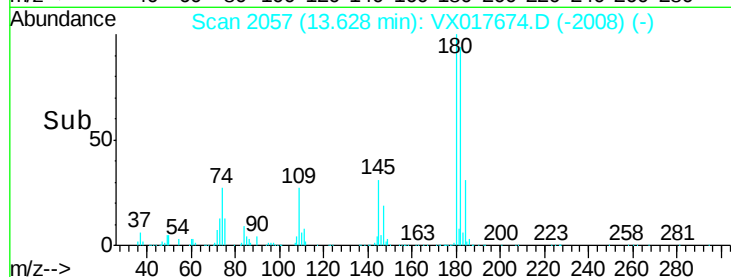
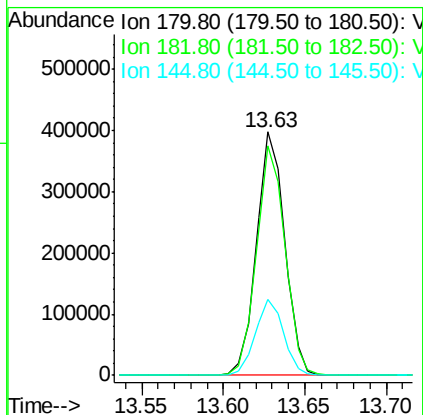
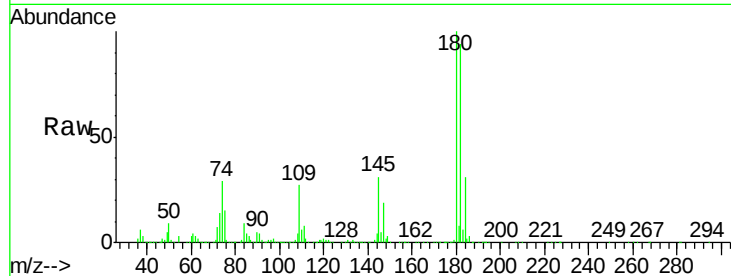




#93
 1,2,4-Trichlorobenzene
 Concen: 50.406 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

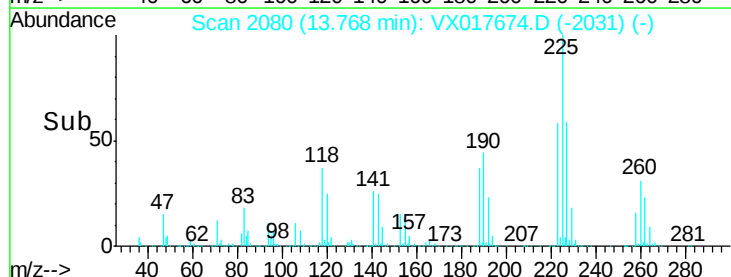
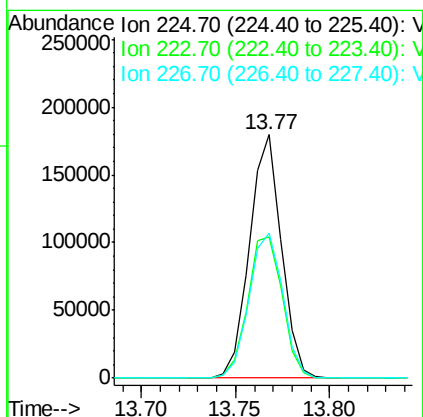
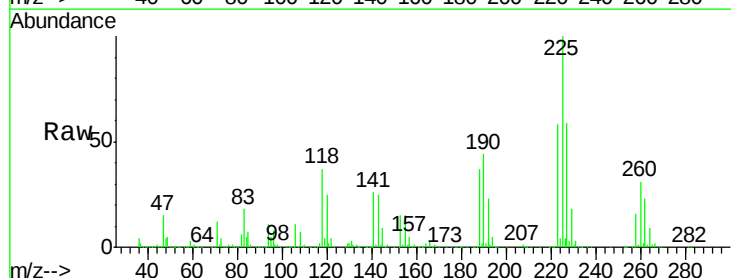
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

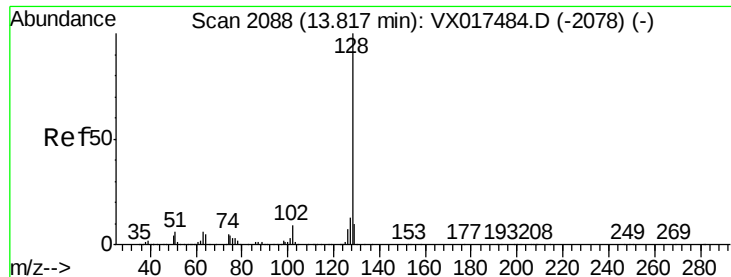
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	31.2	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 47.964 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.3	90.9
227	63.0	31.1	93.2





#95

Naphthalene

Concen: 49.391 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

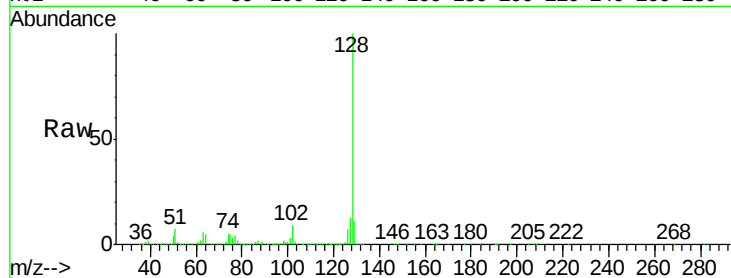
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1407918

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.9	13.3

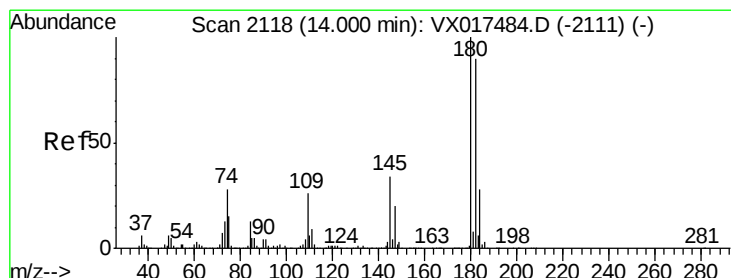
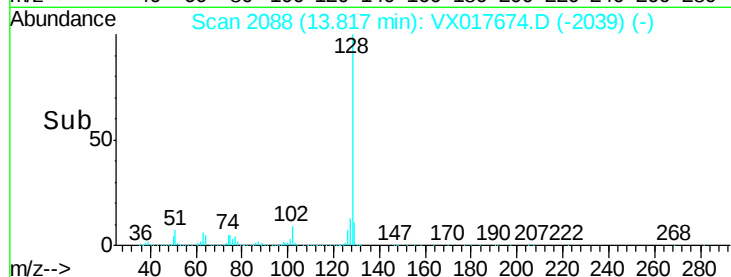
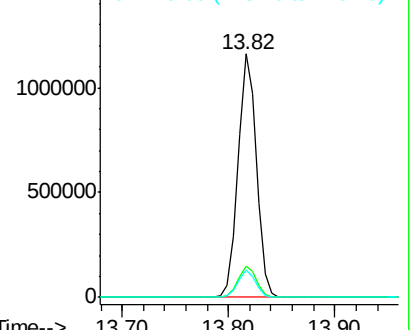


Abundance

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: 49.738 ug/l

RT: 14.01 min Scan# 2119

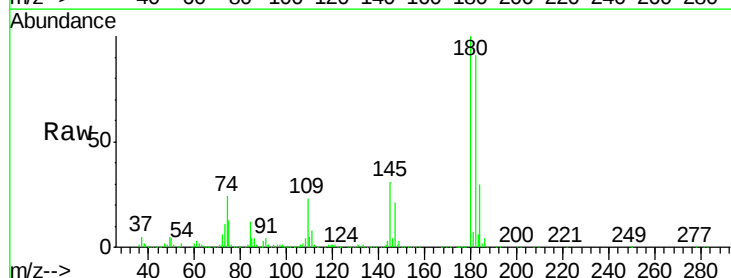
Delta R.T. 0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Tgt Ion:180 Resp: 468955

Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.4	142.3
145	32.6	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

