

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017693.D
 Acq On : 31 Jul 2020 11:57
 Operator : JC/SP
 Sample : VX0731WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Quant Time: Aug 01 02:42:32 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	5.63	168	533107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	783705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	731559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	401723	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	345791	50.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.00%	
35) Dibromofluoromethane	5.46	113	267854	51.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.20%	
50) Toluene-d8	8.70	98	977270	51.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.12	95	359918	47.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	90230	17.583	ug/l	97
3) Chloromethane	1.31	50	111742	17.200	ug/l	98
4) Vinyl Chloride	1.39	62	114745	17.104	ug/l	99
5) Bromomethane	1.63	94	83917	21.540	ug/l	97
6) Chloroethane	1.72	64	71404	18.826	ug/l	99
7) Trichlorofluoromethane	1.92	101	196874	18.658	ug/l	98
8) Diethyl Ether	2.17	74	66732	18.653	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107003	18.479	ug/l	98
10) Methyl Iodide	2.49	142	114401	15.443	ug/l	96
11) Tert butyl alcohol	3.01	59	121309	84.051	ug/l	99
12) 1,1-Dichloroethene	2.36	96	98433	17.876	ug/l	99
13) Acrolein	2.27	56	92456	86.661	ug/l	99
14) Allyl chloride	2.71	41	184774	18.377	ug/l	100
15) Acrylonitrile	3.11	53	271668	87.149	ug/l	99
16) Acetone	2.42	43	265099	87.955	ug/l	99
17) Carbon Disulfide	2.55	76	270460	16.160	ug/l	98
18) Methyl Acetate	2.75	43	135892	19.144	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	338696	17.771	ug/l	100
20) Methylene Chloride	2.84	84	114269	19.343	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	104728	17.754	ug/l	95
22) Diisopropyl ether	3.82	45	340503	18.521	ug/l	93
23) Vinyl Acetate	3.78	43	1480711	90.331	ug/l	99
24) 1,1-Dichloroethane	3.67	63	194224	18.340	ug/l	97
25) 2-Butanone	4.63	43	386324	90.225	ug/l	99
26) 2,2-Dichloropropane	4.55	77	186469	19.670	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	119039	18.579	ug/l	98
28) Bromochloromethane	4.98	49	91107	18.984	ug/l	96
29) Tetrahydrofuran	5.09	42	245663	92.625	ug/l	99
30) Chloroform	5.17	83	206789	19.110	ug/l	95
31) Cyclohexane	5.54	56	158208	18.733	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	196692	19.276	ug/l	99
36) 1,1-Dichloropropene	5.77	75	147087	19.569	ug/l	99
37) Ethyl Acetate	4.79	43	151081	18.370	ug/l	98
38) Carbon Tetrachloride	5.75	117	183395	20.092	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073120\
 Data File : VX017693.D
 Acq On : 31 Jul 2020 11:57
 Operator : JC/SP
 Sample : VX0731WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Quant Time: Aug 01 02:42:32 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)
39) Methylcyclohexane	7.44	83	163330	18.614	ug/l	99
40) Benzene	6.11	78	420243	19.501	ug/l	99
41) Methacrylonitrile	5.00	41	87927	18.652	ug/l	99
42) 1,2-Dichloroethane	6.16	62	174566	19.801	ug/l	98
43) Isopropyl Acetate	6.41	43	261730	19.288	ug/l	100
44) Trichloroethene	7.18	130	123926	19.678	ug/l	98
45) 1,2-Dichloropropane	7.49	63	113679	19.030	ug/l	100
46) Dibromomethane	7.63	93	80430	19.051	ug/l	96
47) Bromodichloromethane	7.87	83	178229	20.981	ug/l	98
48) Methyl methacrylate	7.74	41	120710	17.946	ug/l	97
49) 1,4-Dioxane	7.71	88	48432	375.566	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	820803	101.380	ug/l	98
52) Toluene	8.76	92	281468	20.367	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	179464	18.873	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	197923	20.406	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	111738	19.409	ug/l	99
56) Ethyl methacrylate	9.16	69	164328	18.946	ug/l	99
57) 1,3-Dichloropropane	9.35	76	182914	19.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	419225	91.743	ug/l	99
59) 2-Hexanone	9.47	43	573414	94.070	ug/l	98
60) Dibromochloromethane	9.57	129	139290	19.036	ug/l	98
61) 1,2-Dibromoethane	9.65	107	120598	19.676	ug/l	100
64) Tetrachloroethene	9.32	164	130856	19.929	ug/l	97
65) Chlorobenzene	10.12	112	294230	18.581	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	123225	19.282	ug/l	98
67) Ethyl Benzene	10.23	91	502290	19.003	ug/l	98
68) m/p-Xylenes	10.34	106	389343	38.022	ug/l	97
69) o-Xylene	10.68	106	181667	18.446	ug/l	99
70) Styrene	10.70	104	317699	18.960	ug/l	99
71) Bromoform	10.84	173	102681	18.545	ug/l	# 98
73) Isopropylbenzene	11.00	105	511652	18.566	ug/l	99
74) N-amyl acetate	10.88	43	204526	16.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	156779	18.226	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	198718	24.047	ug/l	83
77) Bromobenzene	11.24	156	143784	18.636	ug/l	100
78) n-propylbenzene	11.34	91	590021	18.983	ug/l	98
79) 2-Chlorotoluene	11.40	91	345620	17.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	432614	18.386	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	56860	17.338	ug/l	97
82) 4-Chlorotoluene	11.49	91	411608	18.123	ug/l	99
83) tert-Butylbenzene	11.76	119	423437	18.807	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	441458	18.863	ug/l	98
85) sec-Butylbenzene	11.93	105	508896	19.403	ug/l	99
86) p-Isopropyltoluene	12.05	119	493124	19.743	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	261083	19.706	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	258563	18.841	ug/l	98
89) n-Butylbenzene	12.37	91	406797	18.278	ug/l	98
90) Hexachloroethane	12.58	117	88807	18.035	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	241075	18.514	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	39535	17.991	ug/l	98

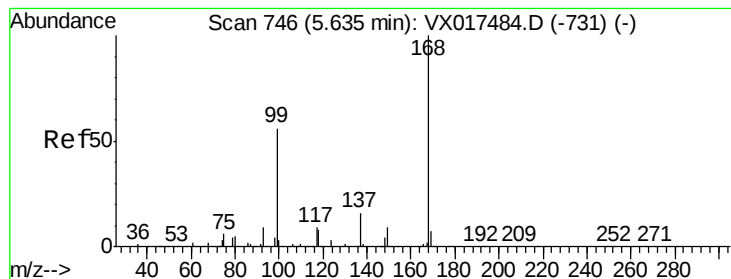
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
Data File : VX017693.D
Acq On : 31 Jul 2020 11:57
Operator : JC/SP
Sample : VX0731WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Quant Time: Aug 01 02:42:32 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)
93) 1,2,4-Trichlorobenzene	13.63	180	159366	17.933	ug/l	98
94) Hexachlorobutadiene	13.77	225	78104	19.093	ug/l	99
95) Naphthalene	13.82	128	480869	18.126	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	165828	18.898	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

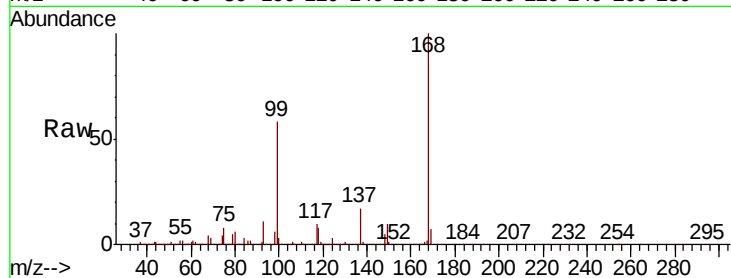
VX0731WBS01

Tot Ion:168 Resp: 533107

Ion Ratio Lower Upper

168 100

99 57.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

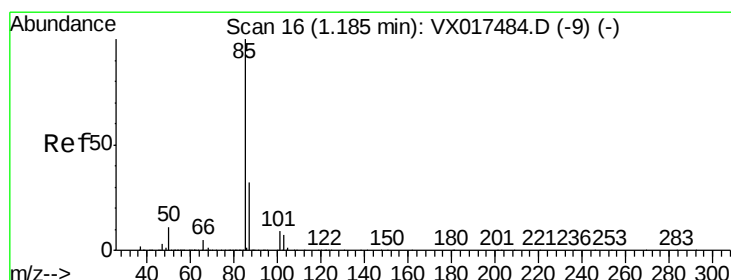
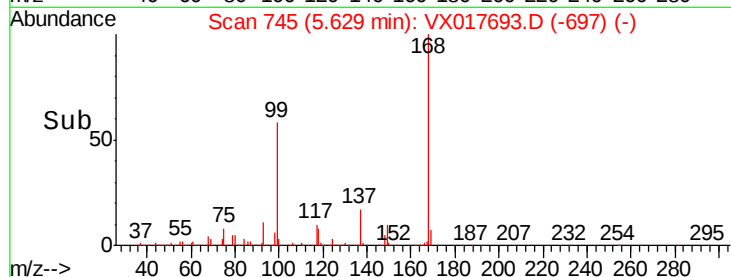
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.583 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017693.D

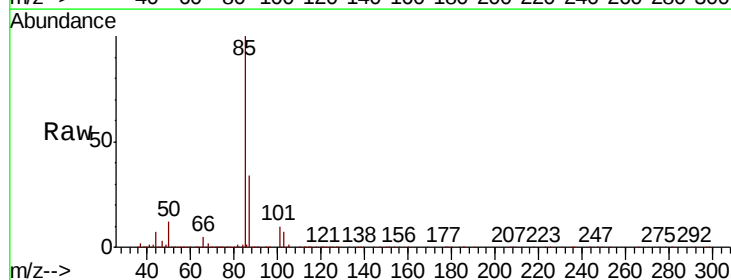
Acq: 31 Jul 2020 11:57

Tgt Ion: 85 Resp: 90230

Ion Ratio Lower Upper

85 100

87 33.8 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

120000

100000

80000

60000

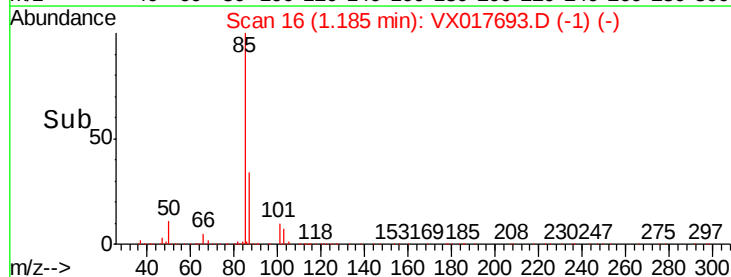
40000

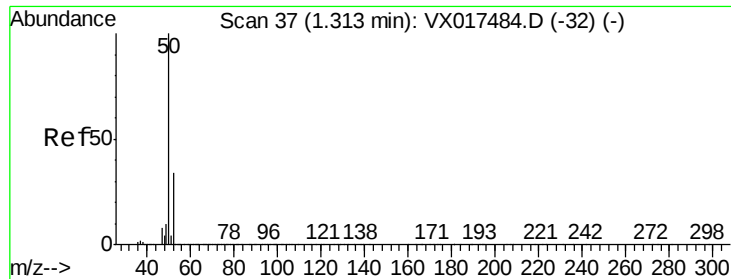
20000

0

1.10 1.15 1.20 1.25

Time-->

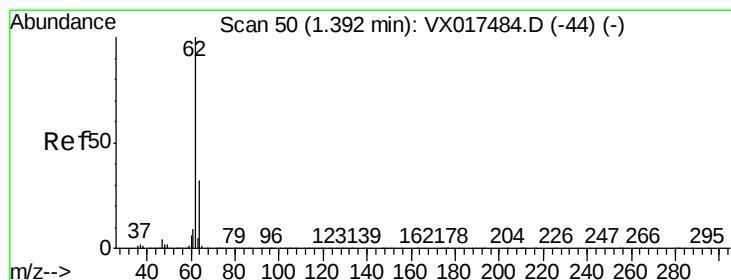
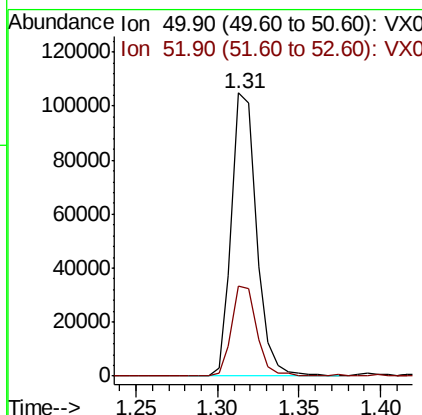
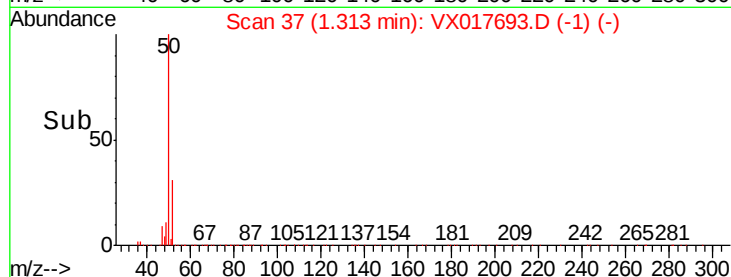
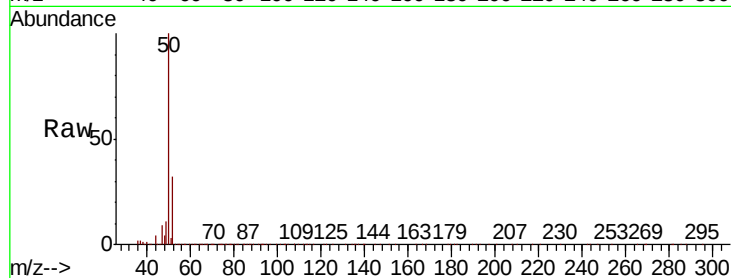




#3
Chloromethane
Concen: 17.200 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

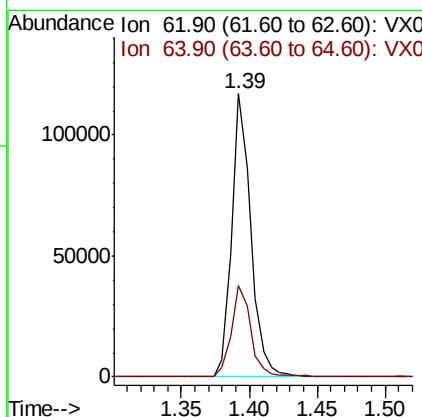
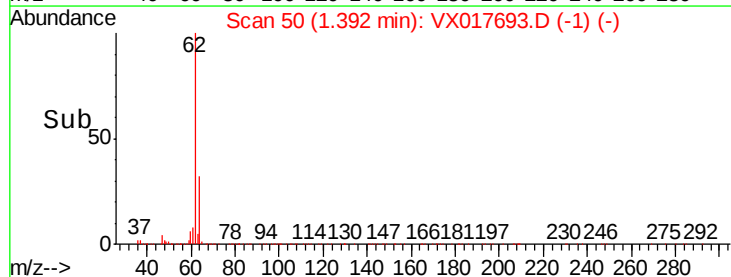
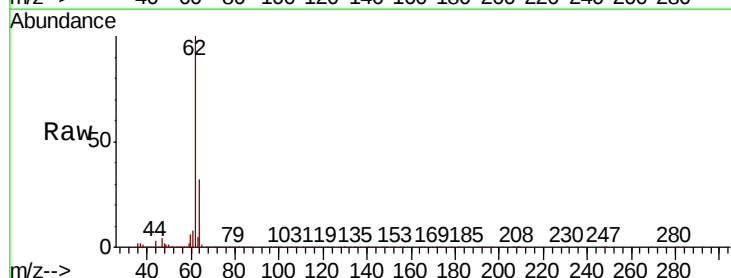
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

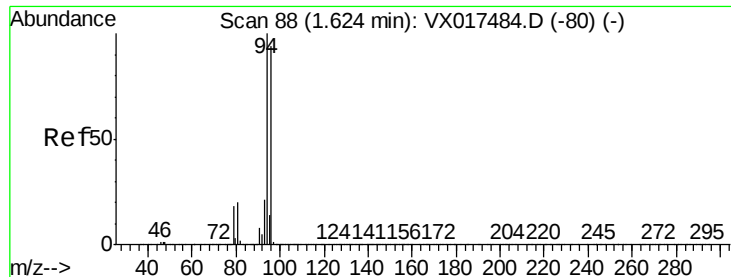
Tot Ion: 50 Resp: 111742
Ion Ratio Lower Upper
50 100
52 31.4 25.9 38.9



#4
Vinyl Chloride
Concen: 17.104 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion: 62 Resp: 114745
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8





#5

Bromomethane

Concen: 21.540 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

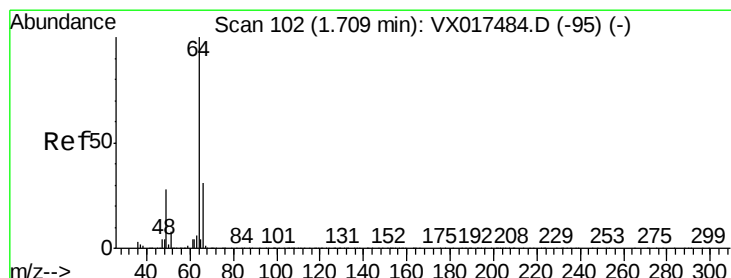
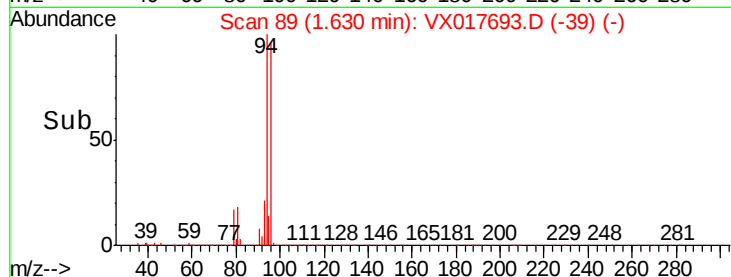
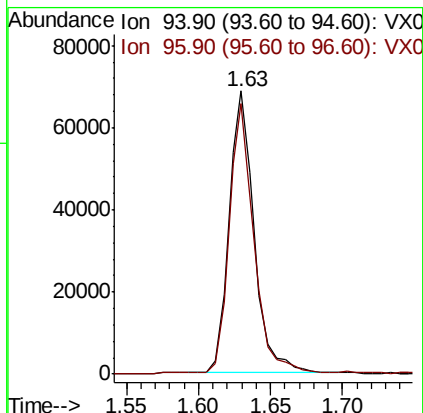
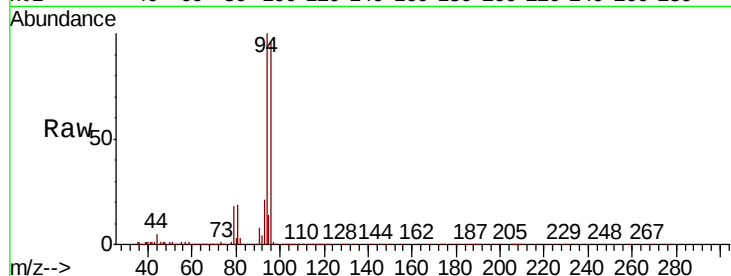
VX0731WBS01

Tot Ion: 94 Resp: 83917

Ion Ratio Lower Upper

94 100

96 95.5 74.1 111.1



#6

Chloroethane

Concen: 18.826 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017693.D

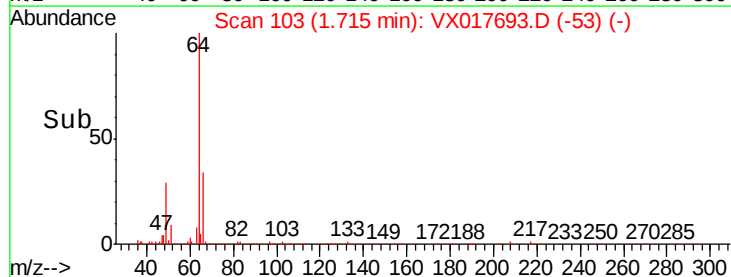
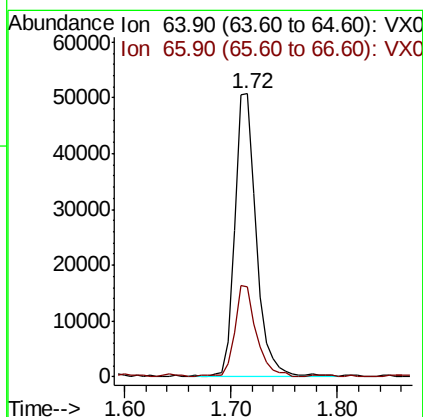
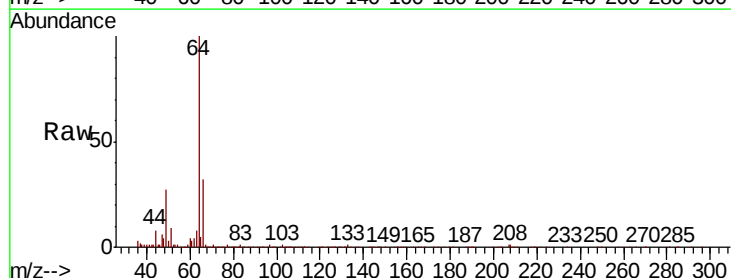
Acq: 31 Jul 2020 11:57

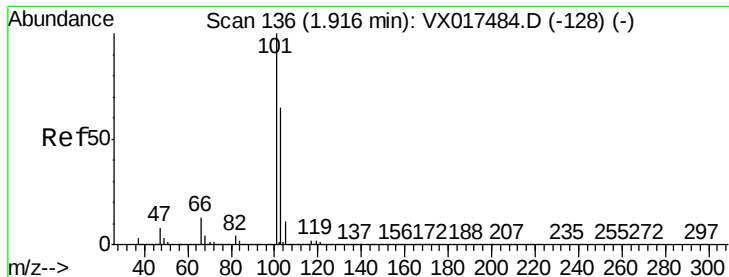
Tgt Ion: 64 Resp: 71404

Ion Ratio Lower Upper

64 100

66 31.9 24.9 37.3



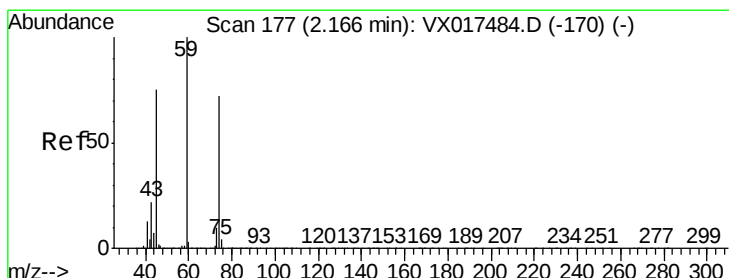
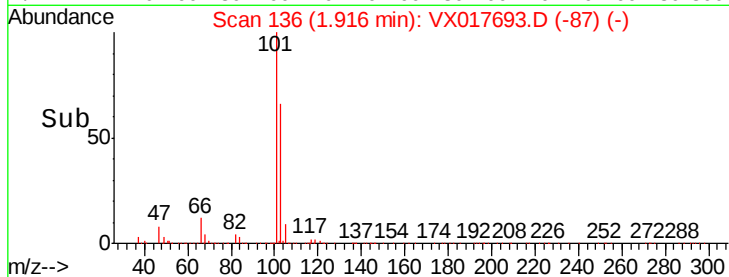
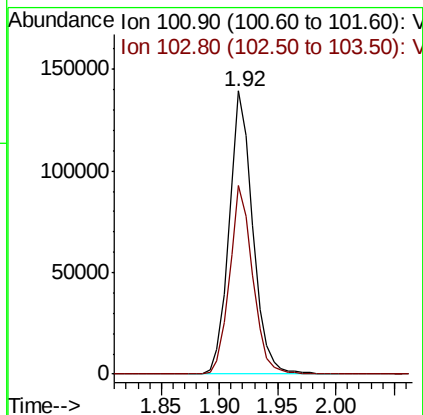
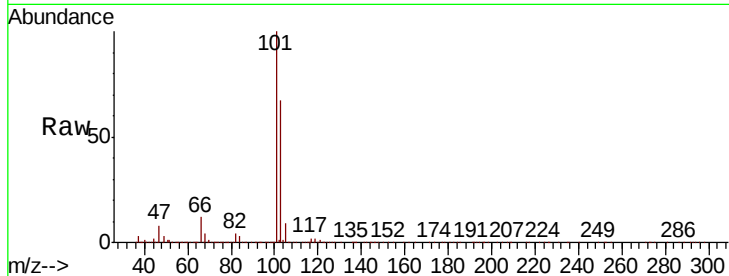


#7

Trichlorofluoromethane
 Concen: 18.658 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

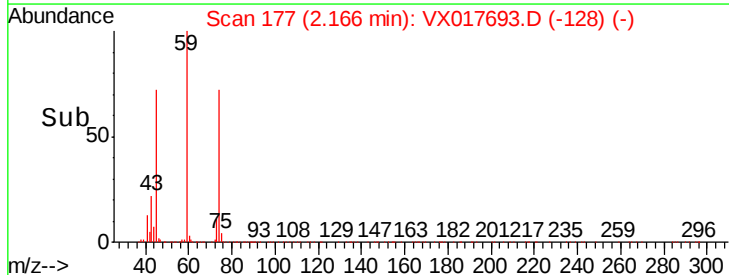
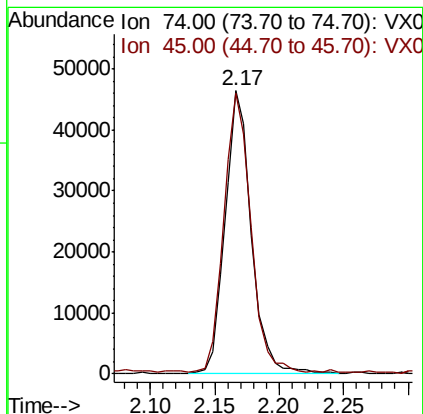
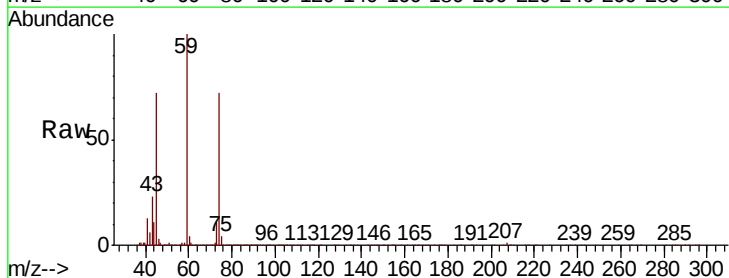
Tot Ion:101 Resp: 196874
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.8 77.8

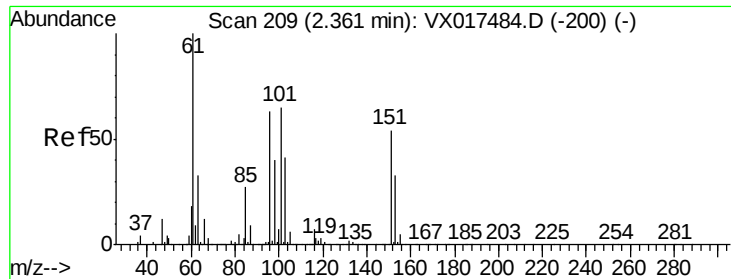


#8

Diethyl Ether
 Concen: 18.653 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion: 74 Resp: 66732
 Ion Ratio Lower Upper
 74 100
 45 99.7 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.479 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

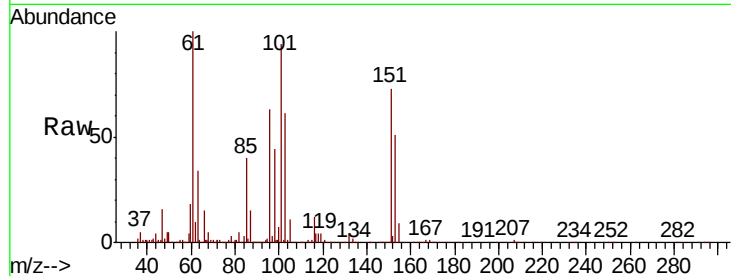
Tot Ion:101 Resp: 107003

Ion Ratio Lower Upper

101 100

85 44.9 34.8 52.2

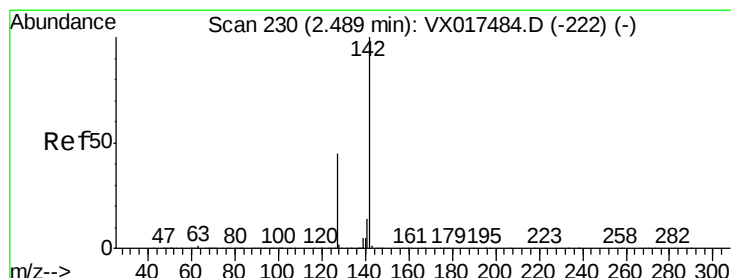
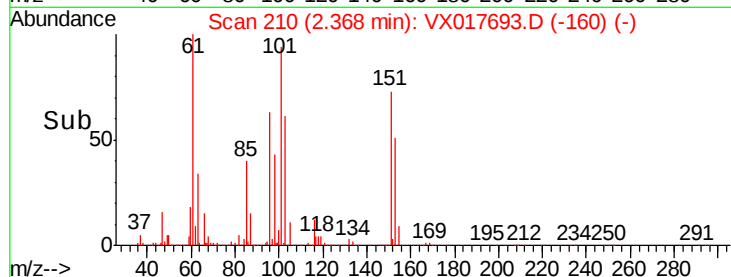
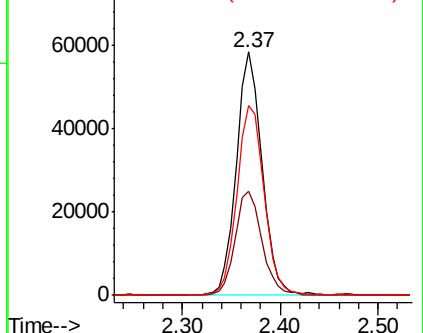
151 82.6 68.0 102.0



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: 15.443 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

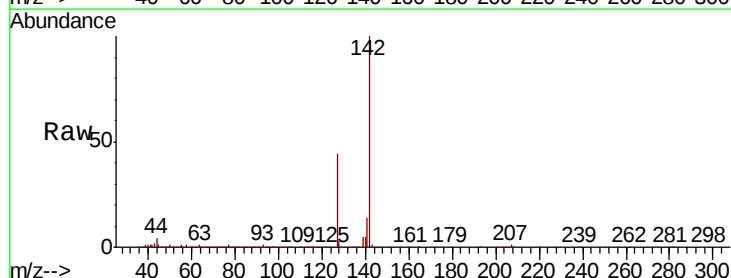
Tgt Ion:142 Resp: 114401

Ion Ratio Lower Upper

142 100

127 47.9 35.9 53.9

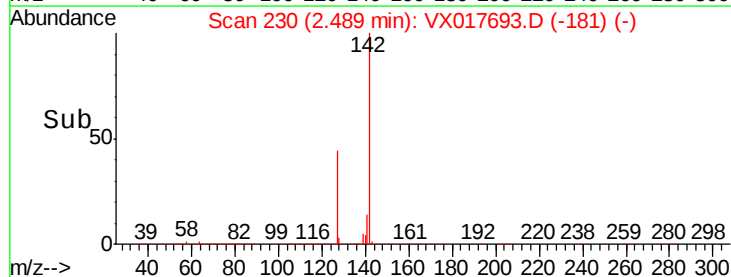
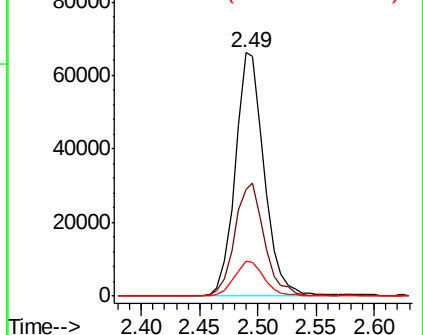
141 15.0 11.4 17.0

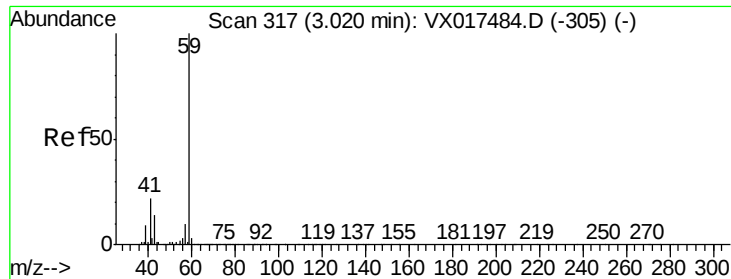


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

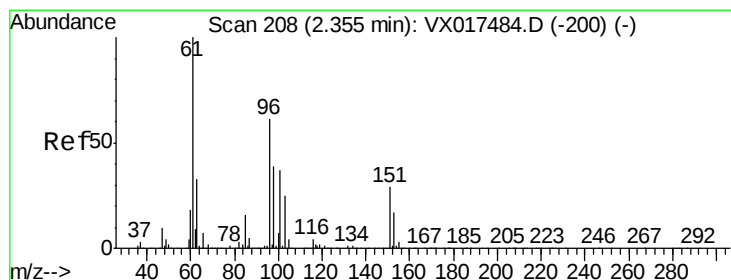
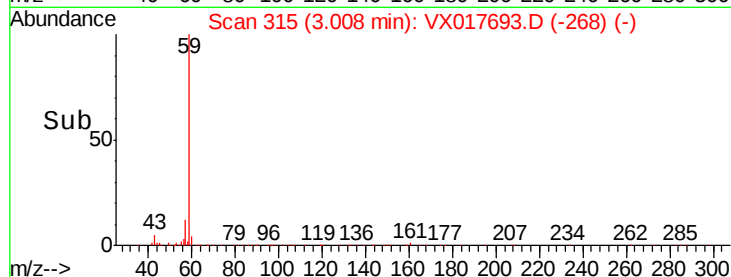
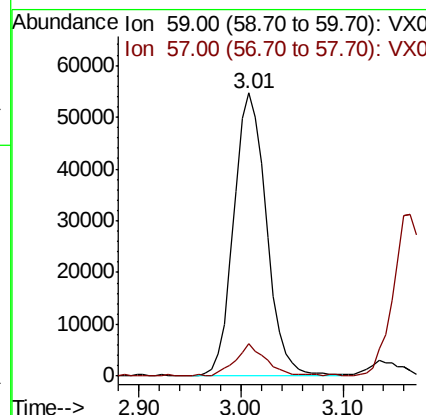
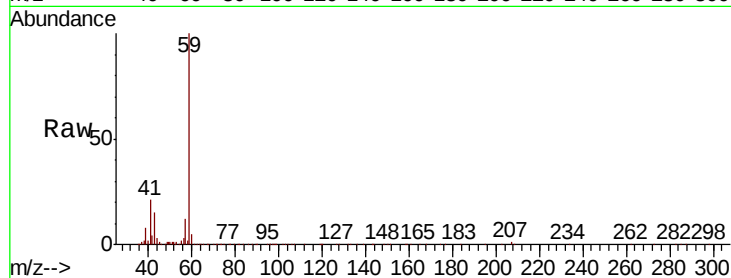




#11
Tert butyl alcohol
Concen: 84.051 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

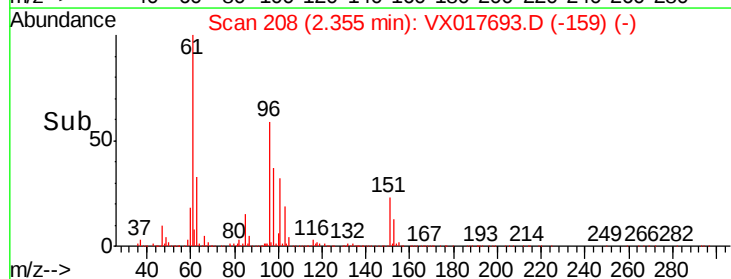
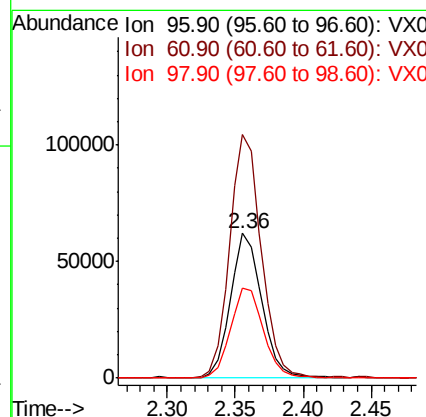
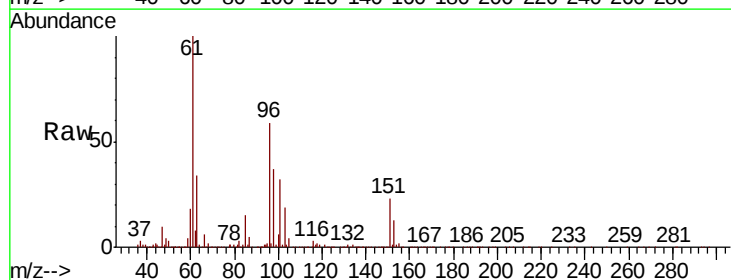
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

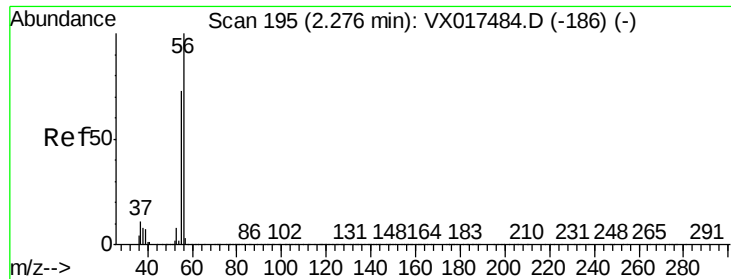
Tot Ion: 59 Resp: 121309
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 17.876 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion: 96 Resp: 98433
Ion Ratio Lower Upper
96 100
61 168.0 134.0 201.0
98 62.1 51.0 76.4





#13

Acrolein

Concen: 86.661 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

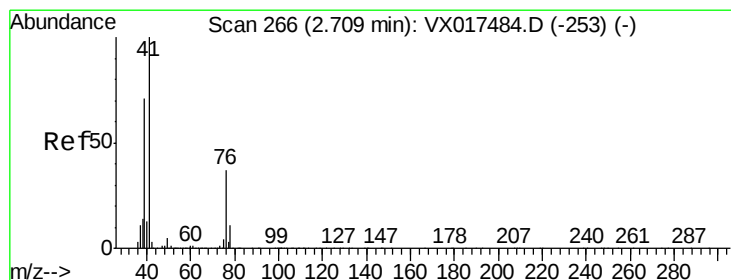
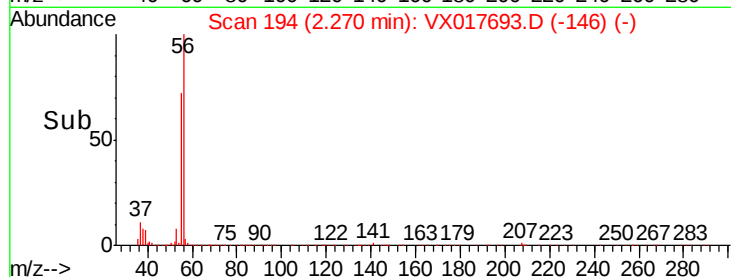
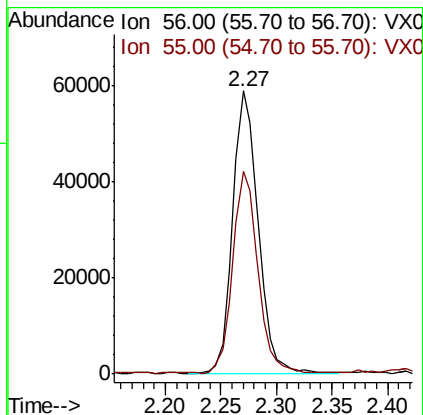
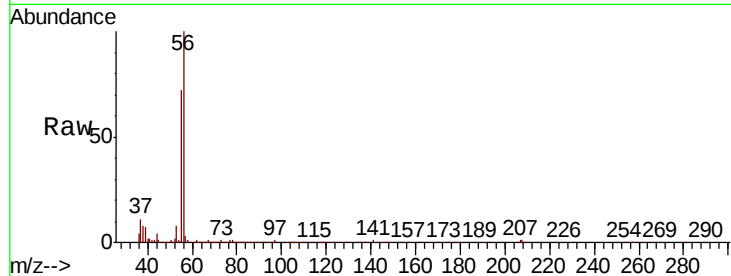
VX0731WBS01

Tot Ion: 56 Resp: 92456

Ion Ratio Lower Upper

56 100

55 71.4 57.4 86.2



#14

Allyl chloride

Concen: 18.377 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

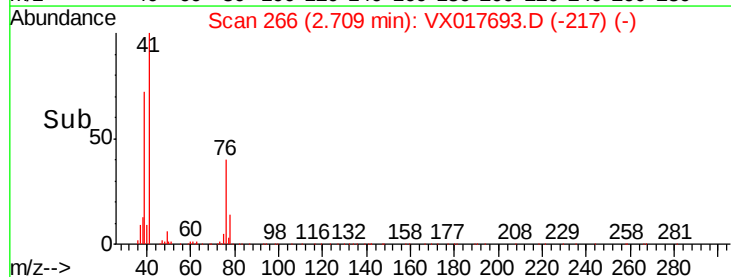
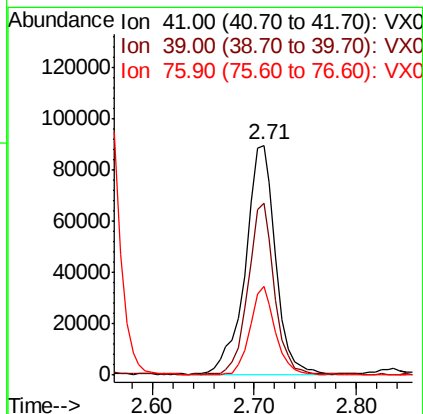
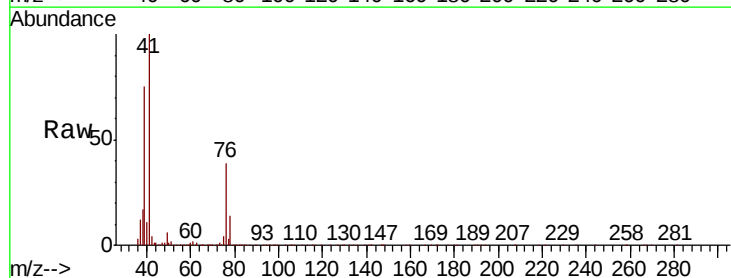
Tgt Ion: 41 Resp: 184774

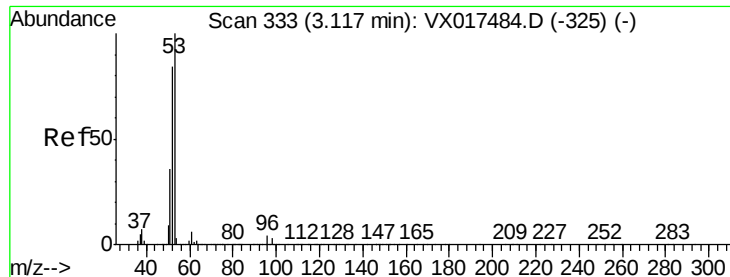
Ion Ratio Lower Upper

41 100

39 65.4 51.9 77.9

76 31.8 25.5 38.3





#15

Acrylonitrile

Concen: 87.149 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

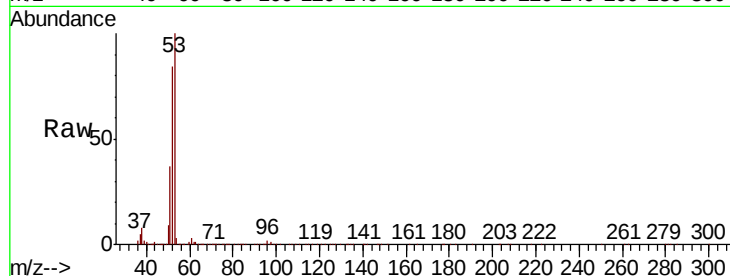
Tot Ion: 53 Resp: 271668

Ion Ratio Lower Upper

53 100

52 83.8 66.6 99.8

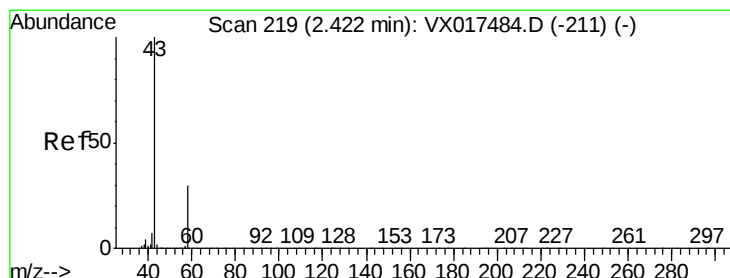
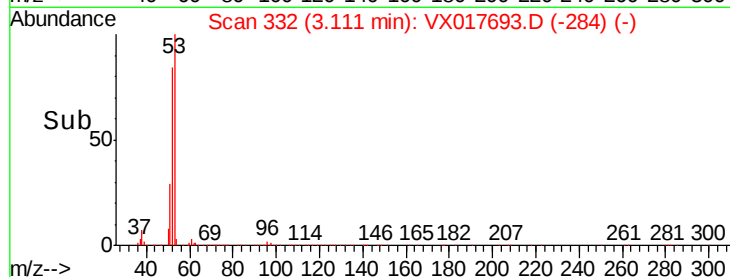
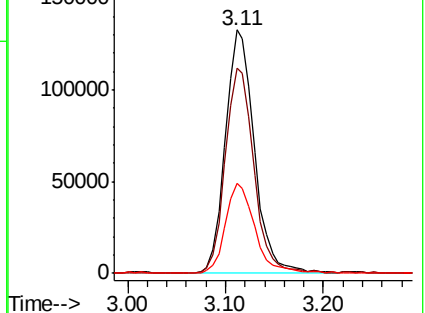
51 37.6 29.4 44.2



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



#16

Acetone

Concen: 87.955 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017693.D

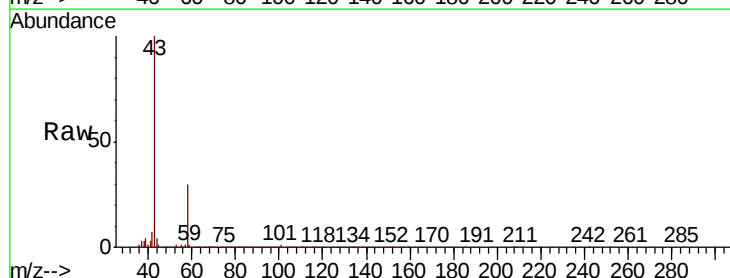
Acq: 31 Jul 2020 11:57

Tgt Ion: 43 Resp: 265099

Ion Ratio Lower Upper

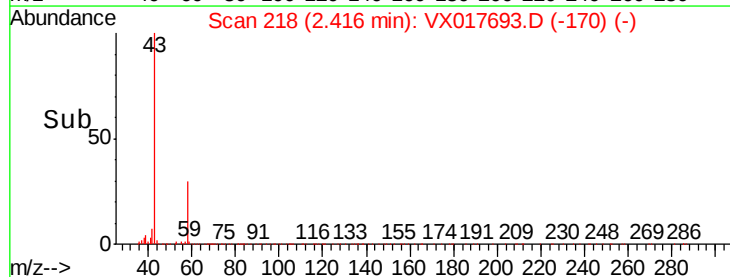
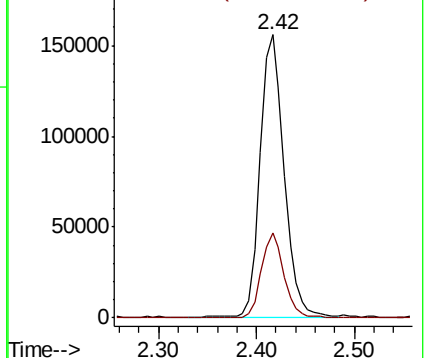
43 100

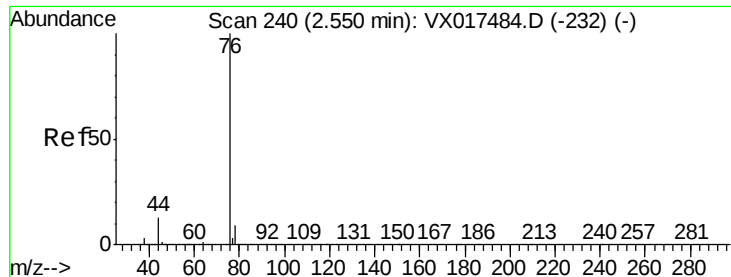
58 29.8 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.160 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

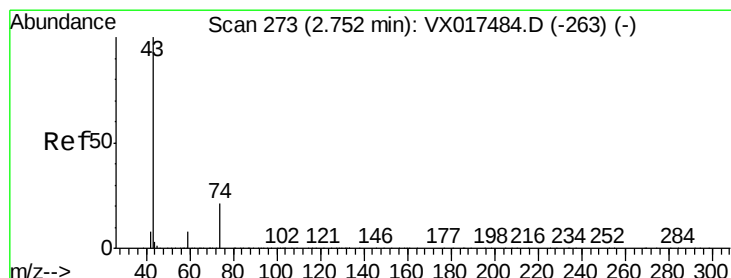
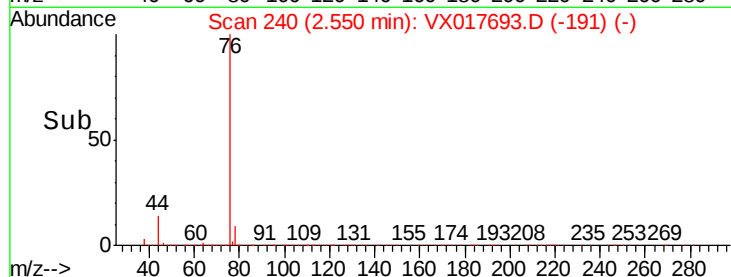
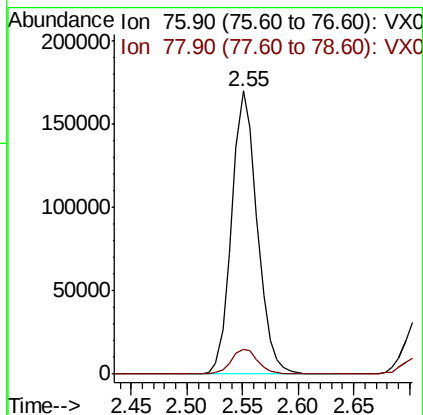
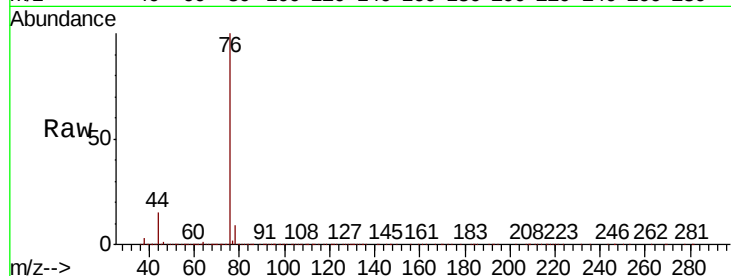
VX0731WBS01

Tot Ion: 76 Resp: 270460

Ion Ratio Lower Upper

76 100

78 8.5 7.5 11.3



#18

Methyl Acetate

Concen: 19.144 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017693.D

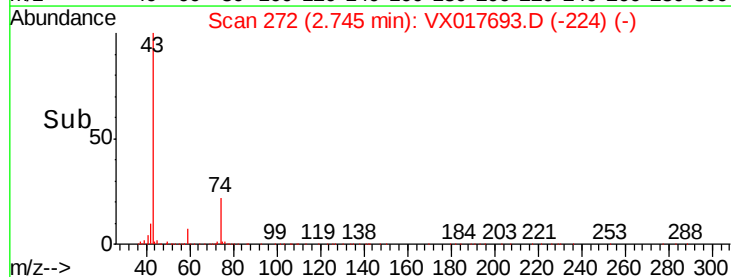
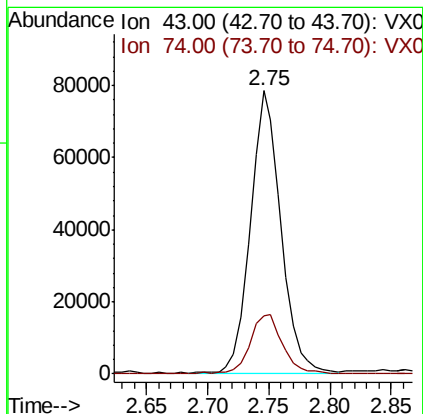
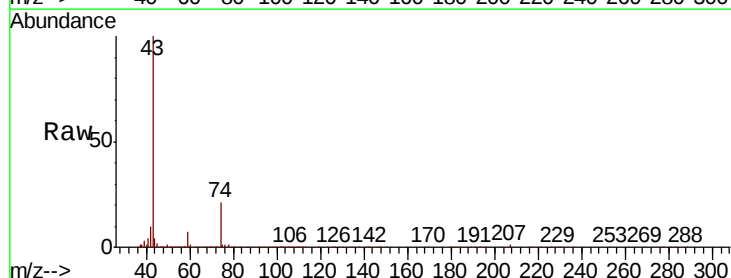
Acq: 31 Jul 2020 11:57

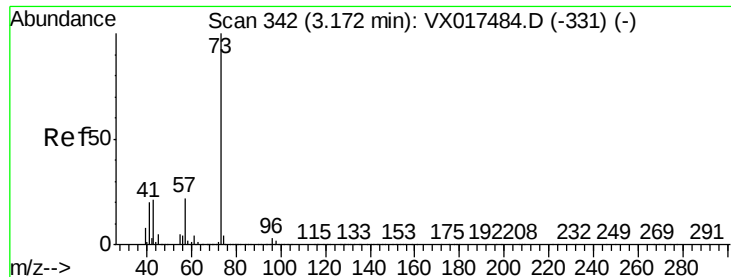
Tgt Ion: 43 Resp: 135892

Ion Ratio Lower Upper

43 100

74 22.0 17.5 26.3

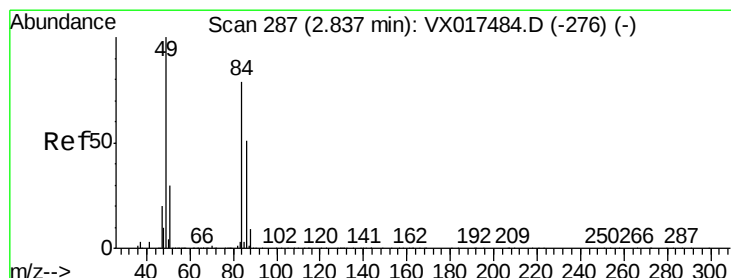
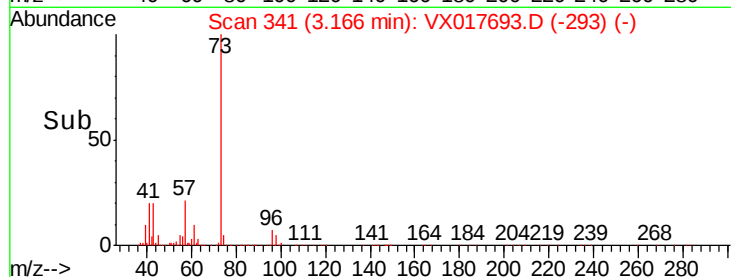
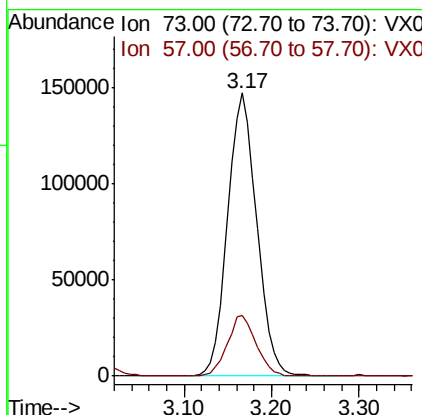
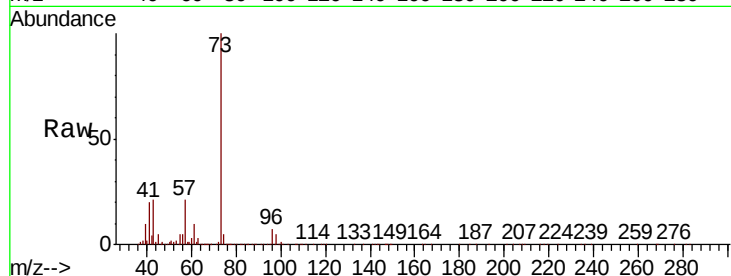




#19
Methyl tert-butyl Ether
Concen: 17.771 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

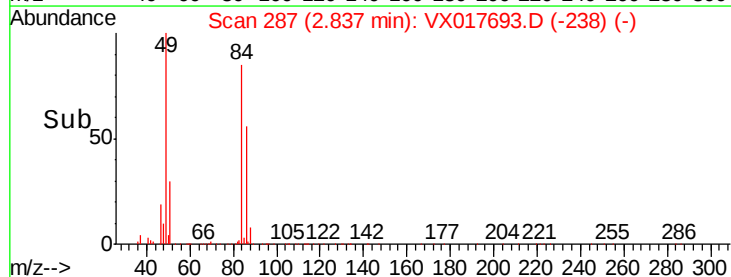
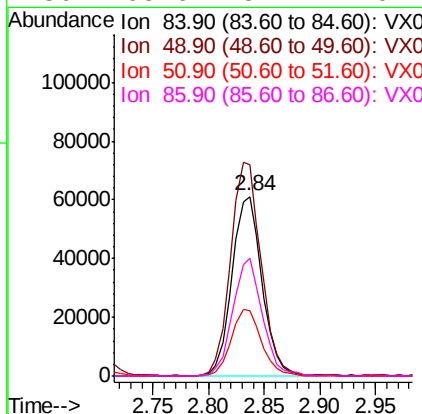
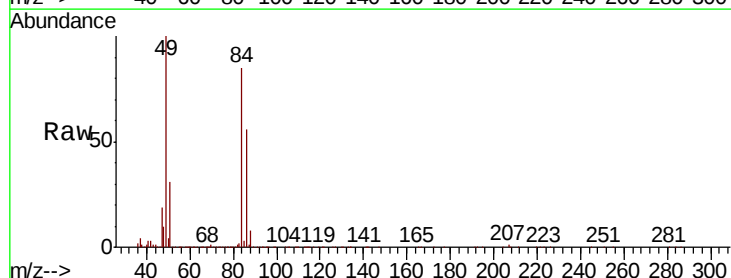
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

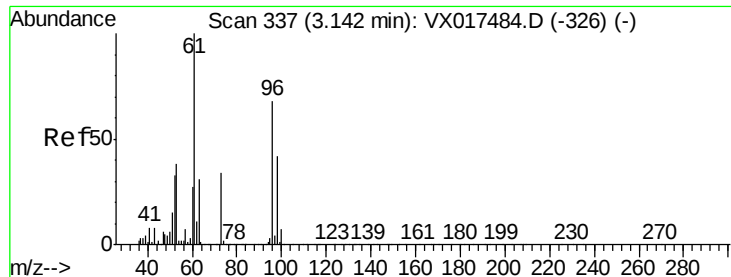
Tot Ion: 73 Resp: 338696
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.4



#20
Methylene Chloride
Concen: 19.343 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion: 84 Resp: 114269
Ion Ratio Lower Upper
84 100
49 117.6 100.3 150.5
51 35.9 30.5 45.7
86 65.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.754 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

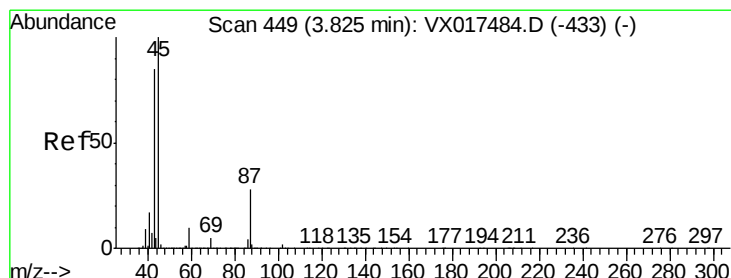
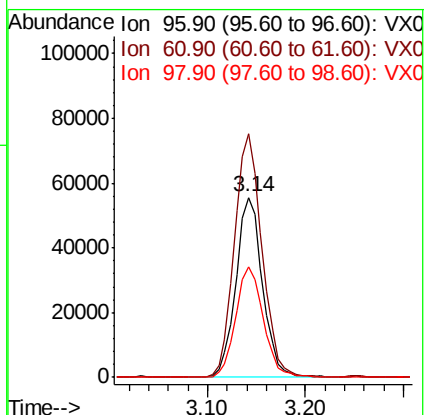
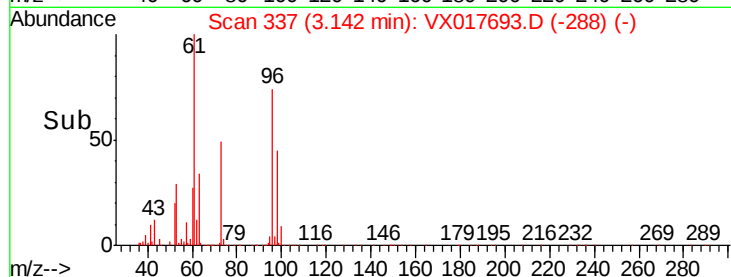
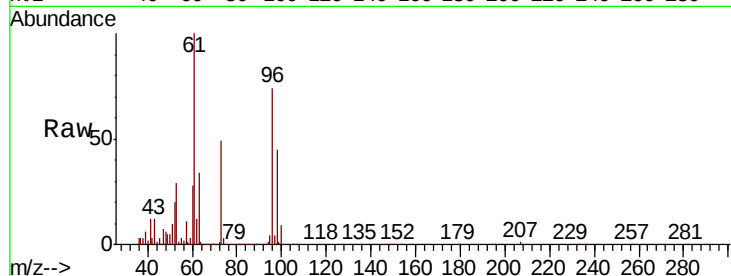
Tot Ion: 96 Resp: 104728

Ion Ratio Lower Upper

96 100

61 135.4 113.0 169.4

98 61.5 51.8 77.8



#22

Diisopropyl ether

Concen: 18.521 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Tgt Ion: 45 Resp: 340503

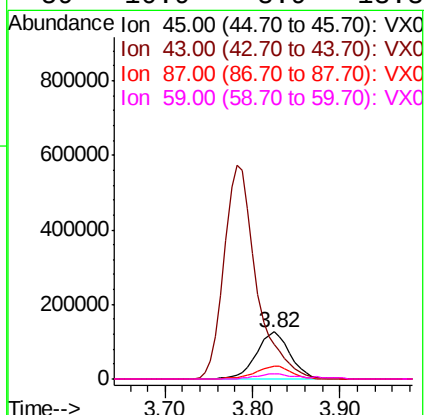
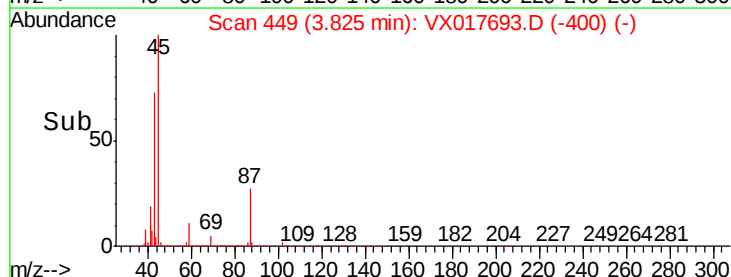
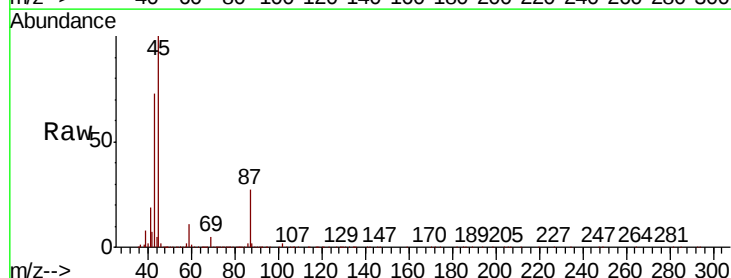
Ion Ratio Lower Upper

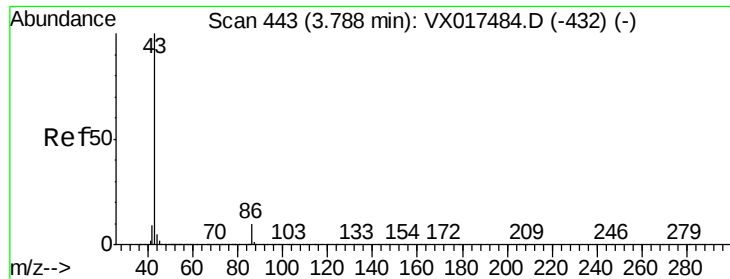
45 100

43 73.0 52.0 78.0

87 27.3 22.2 33.4

59 10.9 8.9 13.3





#23

Vinyl Acetate

Concen: 90.331 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

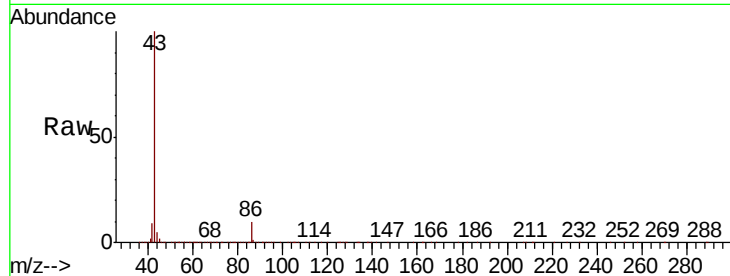
VX0731WBS01

Tot Ion: 43 Resp: 1480711

Ion Ratio Lower Upper

43 100

86 9.8 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

600000

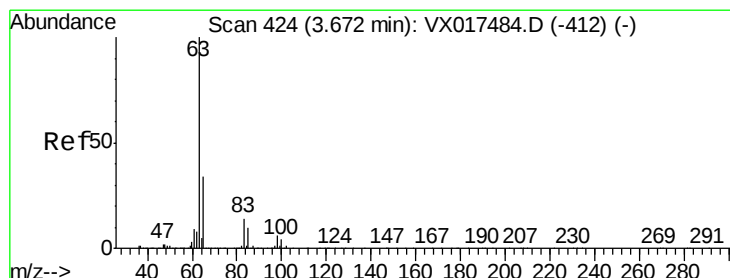
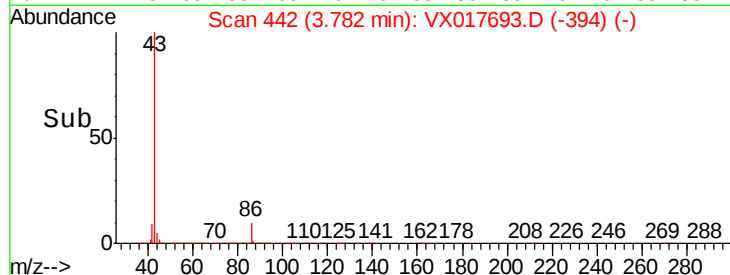
400000

200000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.340 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

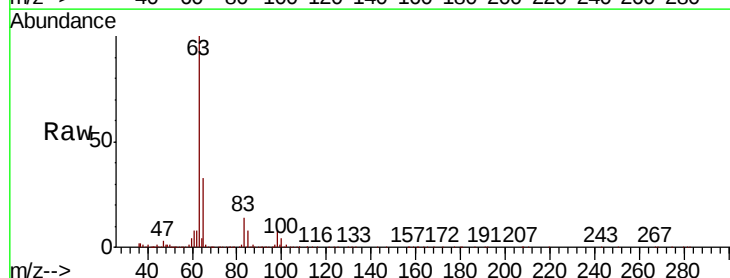
Tgt Ion: 63 Resp: 194224

Ion Ratio Lower Upper

63 100

98 8.3 3.4 10.1

100 4.3 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

60000

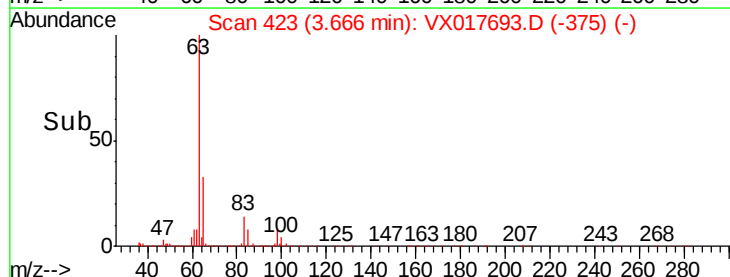
40000

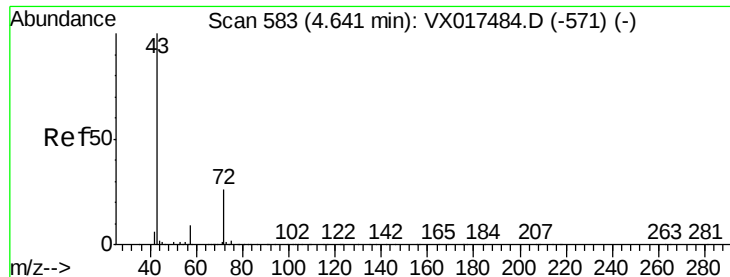
20000

0

3.60 3.70 3.80

Time-->

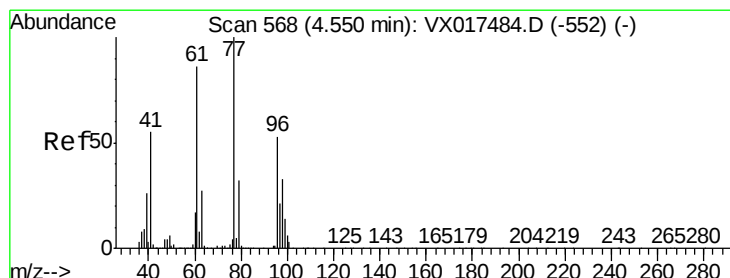
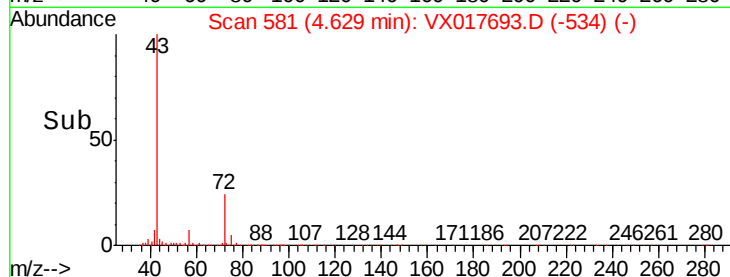
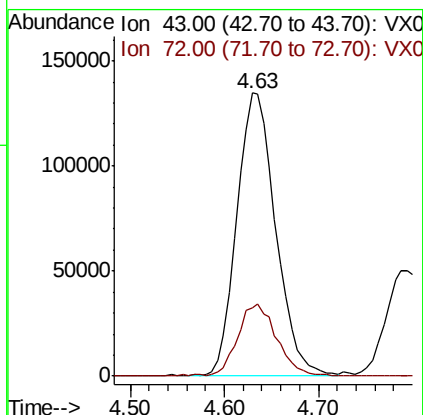
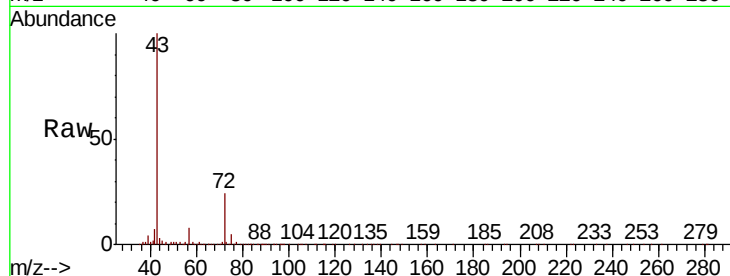




#25
2-Butanone
Concen: 90.225 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

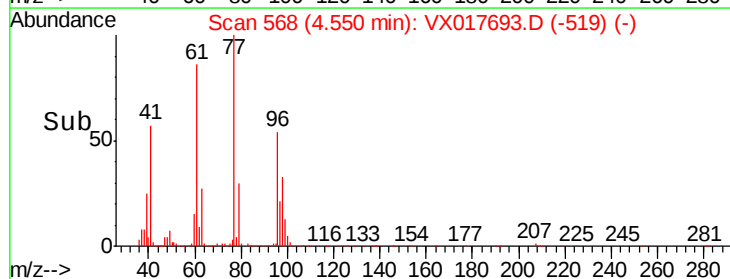
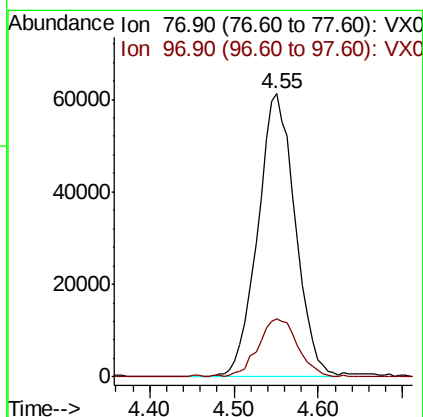
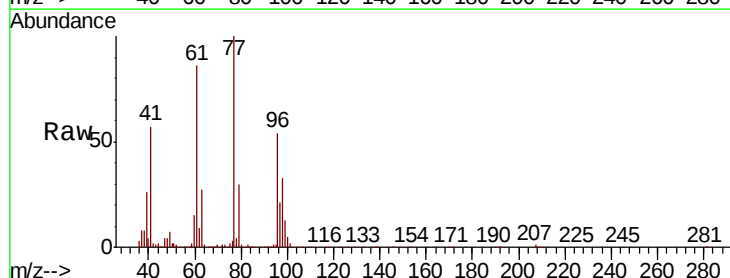
Instrument :
MSVOA_X
ClientSampled :
VX0731WBS01

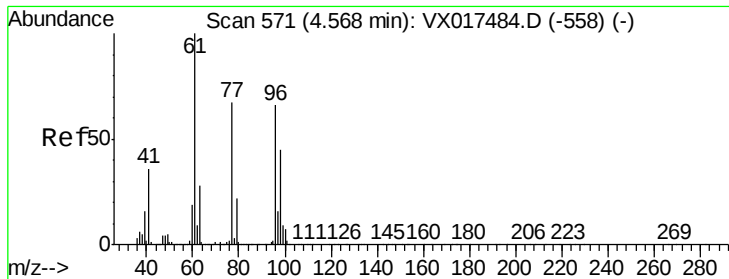
Tot Ion: 43 Resp: 386324
Ion Ratio Lower Upper
43 100
72 24.1 19.0 28.4



#26
2,2-Dichloropropane
Concen: 19.670 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion: 77 Resp: 186469
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9



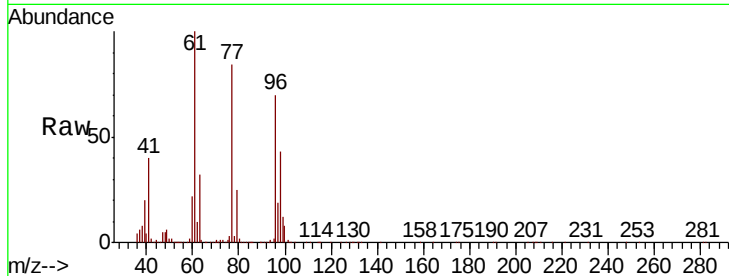


#27

cis-1,2-Dichloroethene
 Concen: 18.579 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	301.2
98	64.8	0.0	130.0

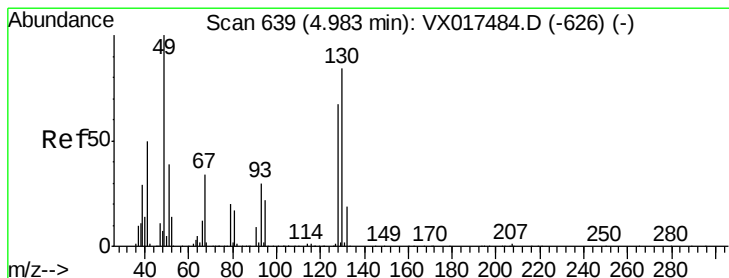
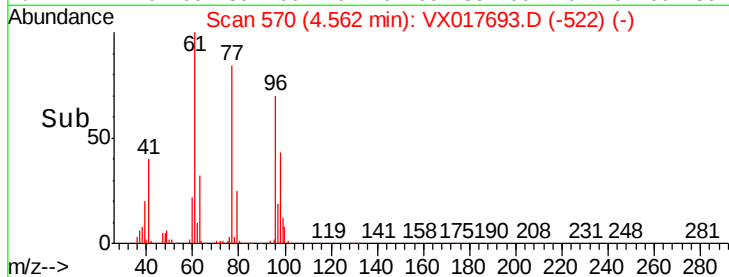
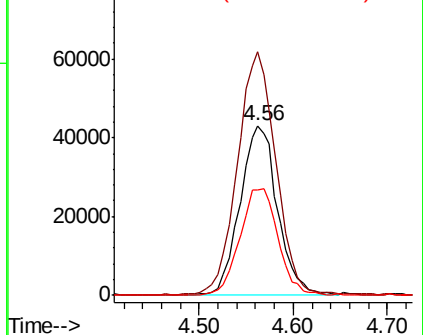


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

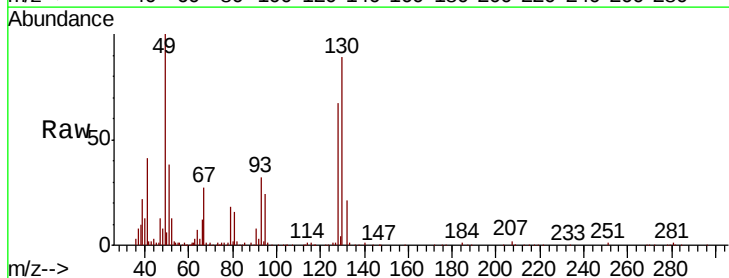
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 18.984 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	87.1	66.7	100.1

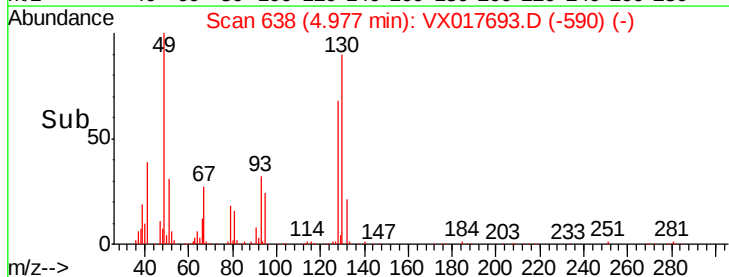
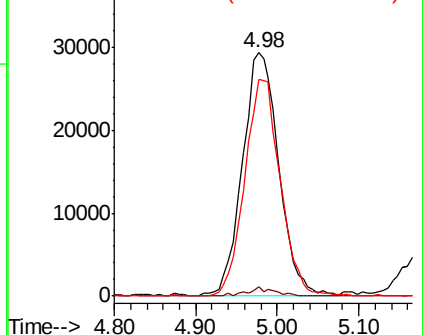


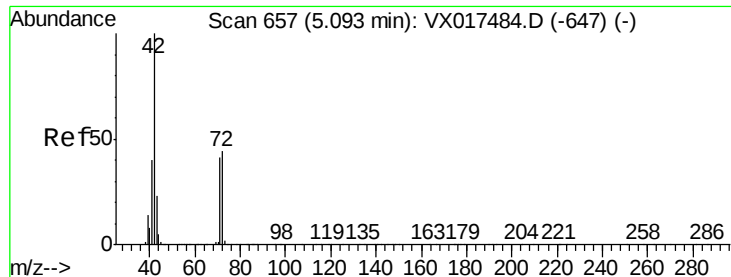
Abundance

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

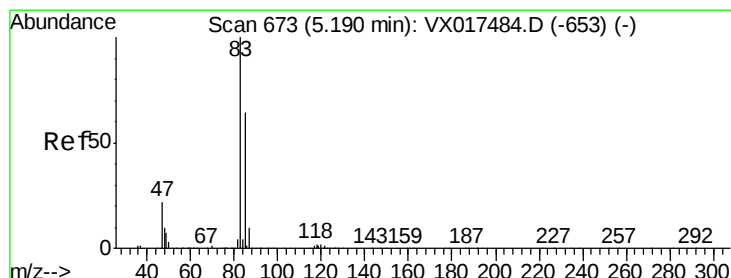
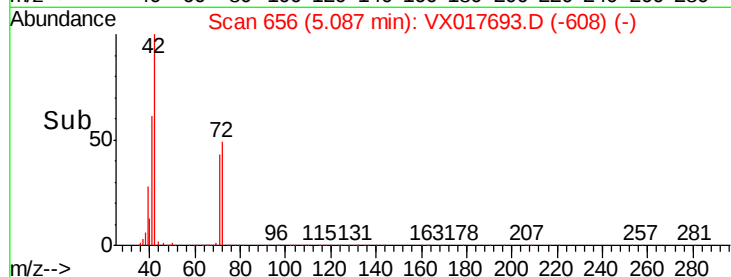
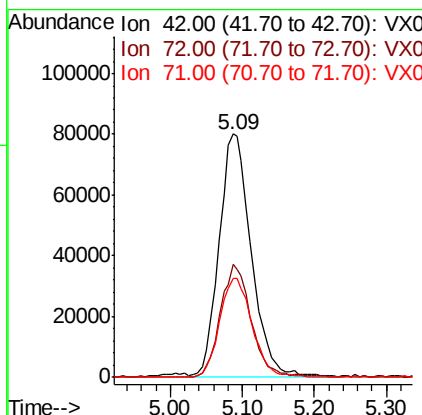
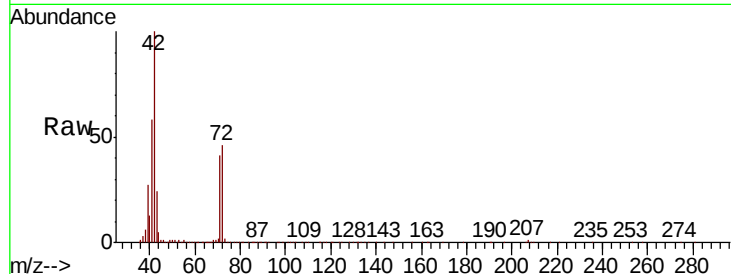




#29
Tetrahydrofuran
Concen: 92.625 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

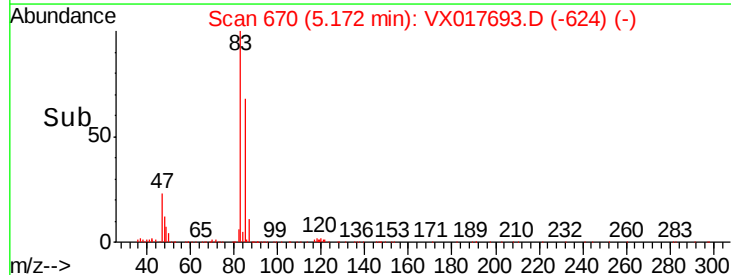
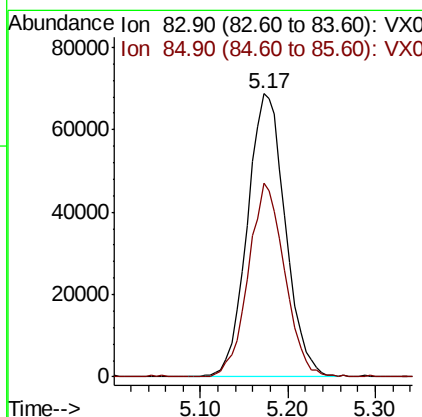
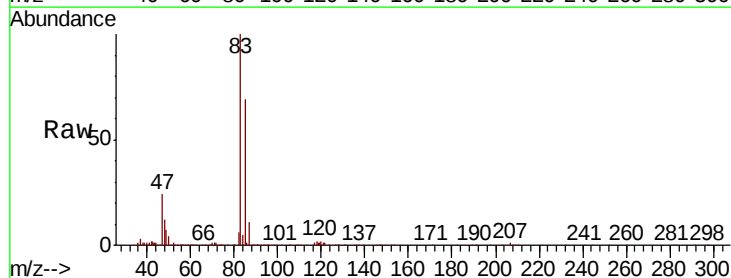
Instrument :
MSVOA_X
ClientSampled :
VX0731WBS01

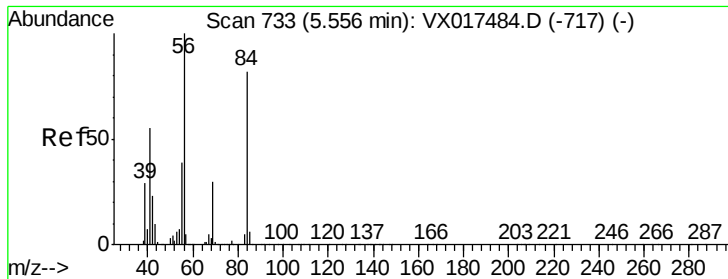
Tot Ion: 42 Resp: 245663
Ion Ratio Lower Upper
42 100
72 45.5 35.5 53.3
71 41.4 33.0 49.4



#30
Chloroform
Concen: 19.110 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion: 83 Resp: 206789
Ion Ratio Lower Upper
83 100
85 68.5 51.4 77.2





#31

Cyclohexane

Concen: 18.733 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

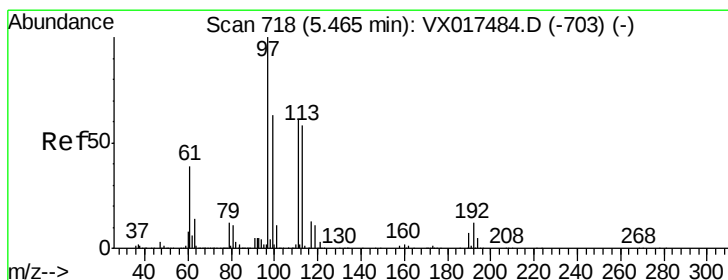
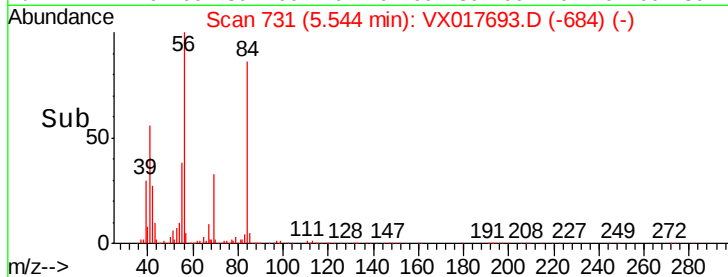
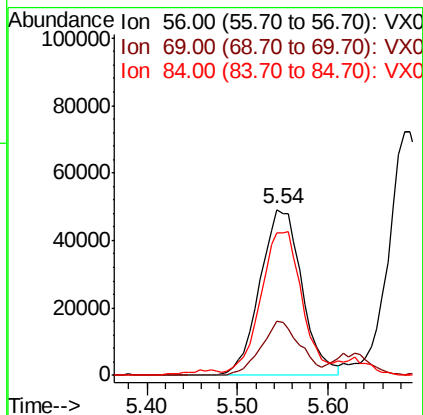
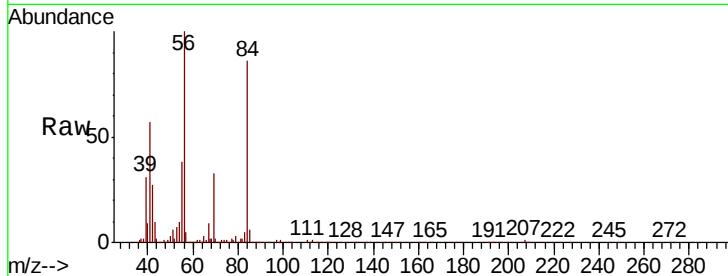
Tot Ion: 56 Resp: 158208

Ion Ratio Lower Upper

56 100

69 32.5 24.2 36.4

84 84.0 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 19.276 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

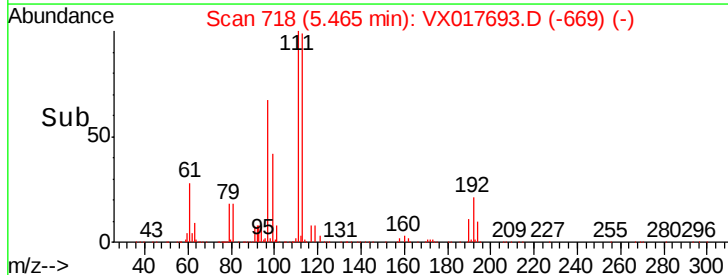
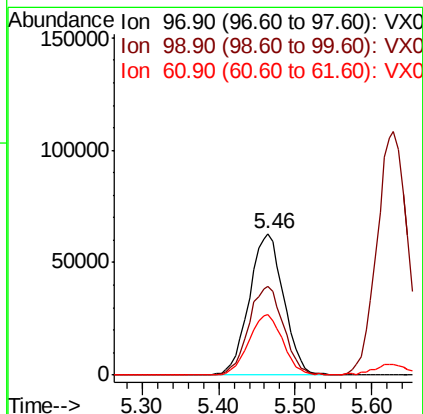
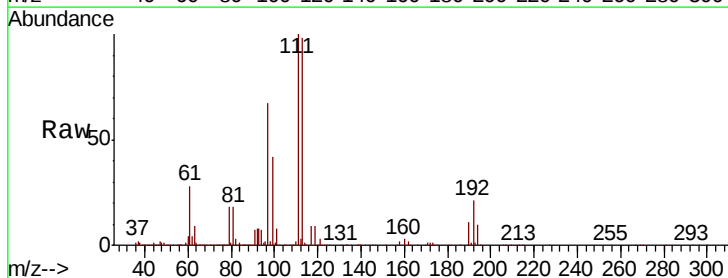
Tgt Ion: 97 Resp: 196692

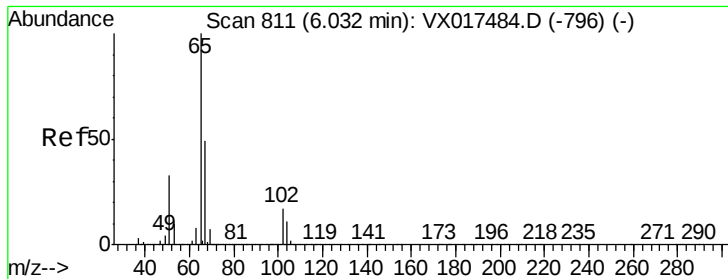
Ion Ratio Lower Upper

97 100

99 63.8 51.9 77.9

61 41.9 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 50.495 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

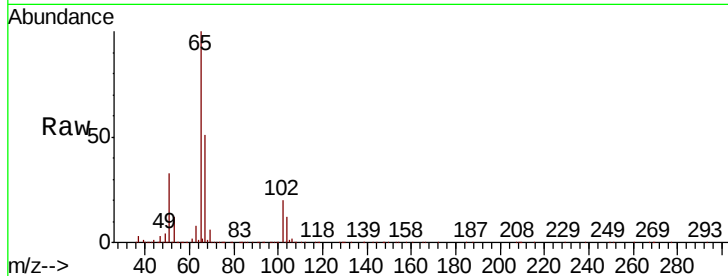
VX0731WBS01

Tot Ion: 65 Resp: 345791

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

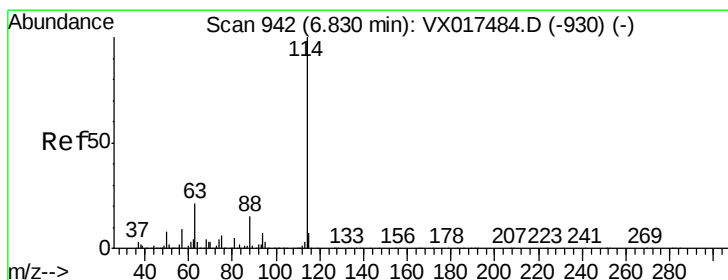
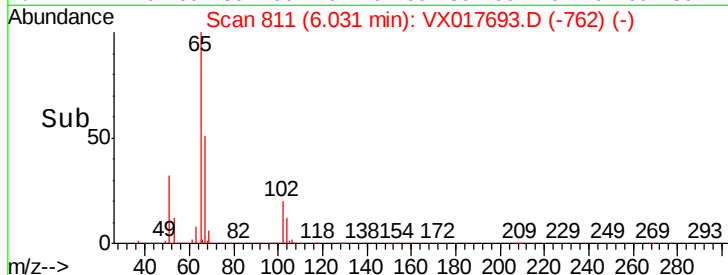
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

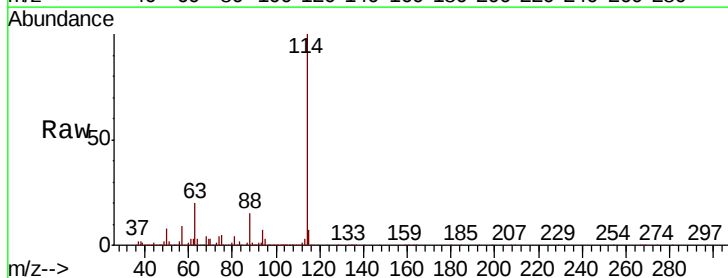
Tgt Ion: 114 Resp: 783705

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

88 15.2 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

400000

300000

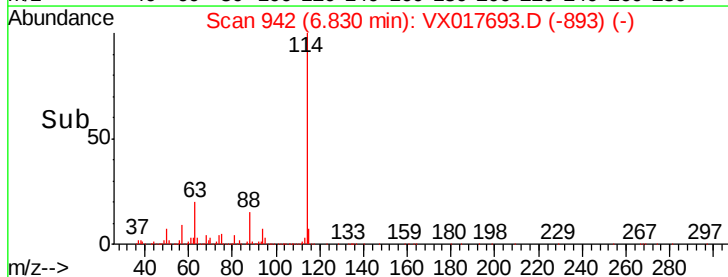
200000

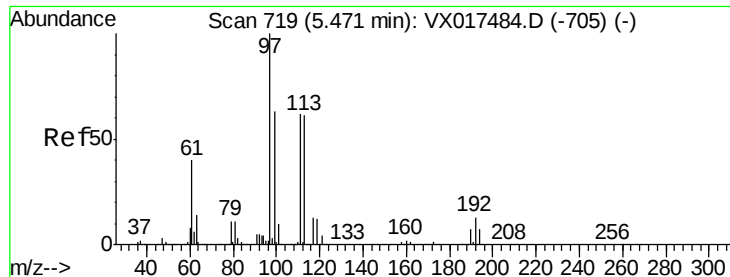
100000

0

Time-->

6.70 6.80 6.90 7.00

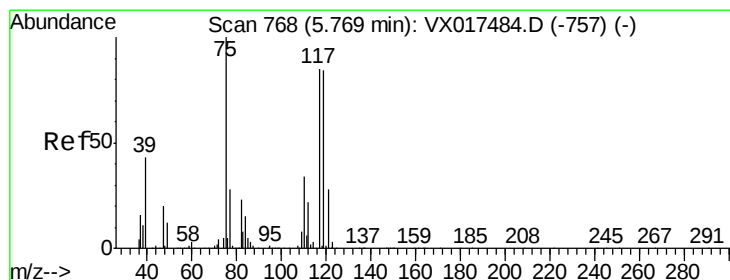
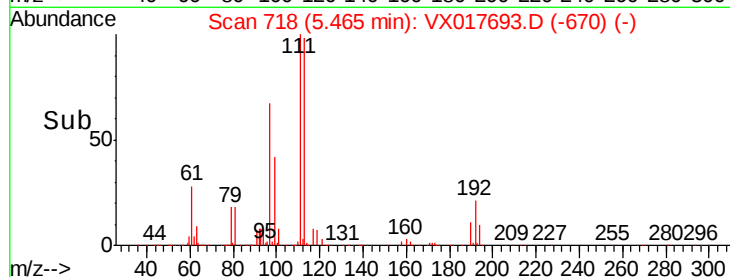
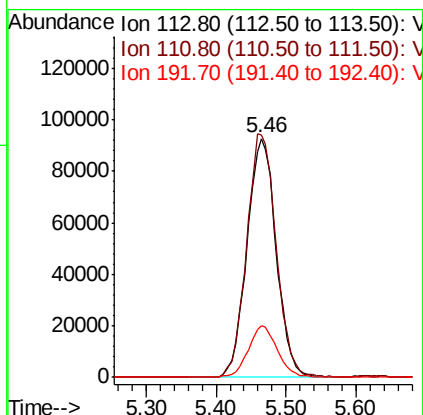
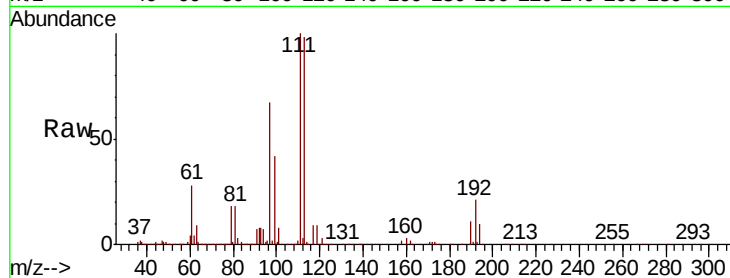




#35
Dibromofluoromethane
Concen: 51.103 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

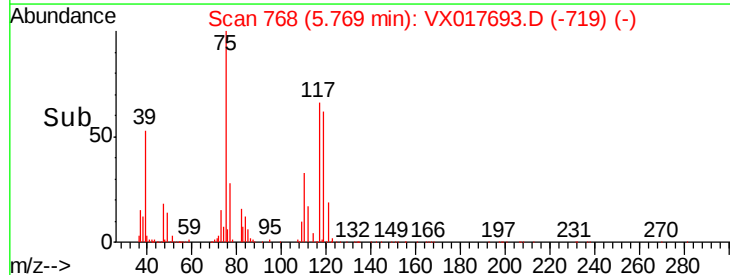
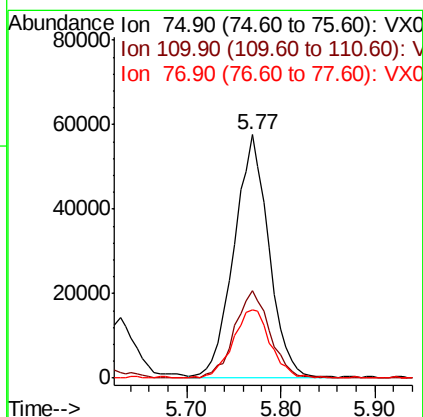
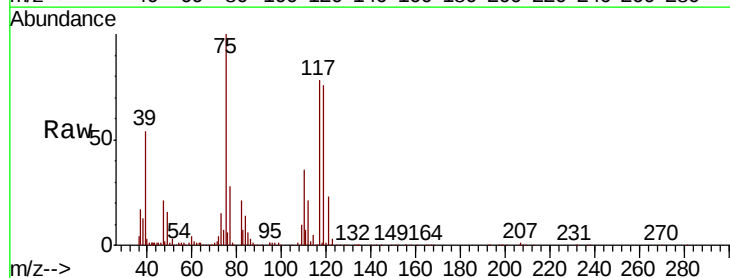
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

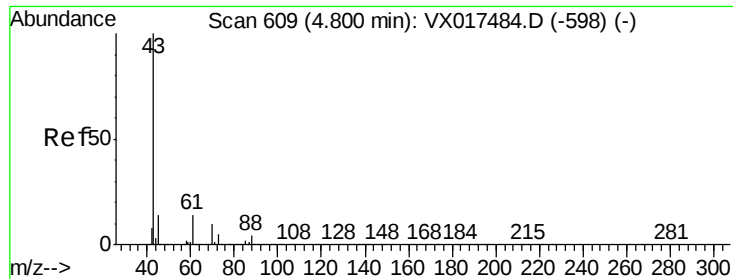
Tot Ion:113 Resp: 267854
Ion Ratio Lower Upper
113 100
111 103.1 80.7 121.1
192 21.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.569 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion: 75 Resp: 147087
Ion Ratio Lower Upper
75 100
110 36.9 18.1 54.3
77 30.0 24.6 37.0

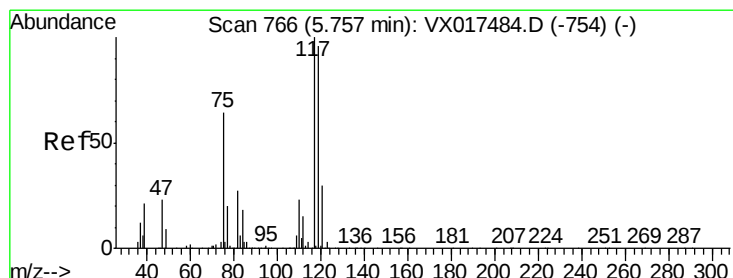
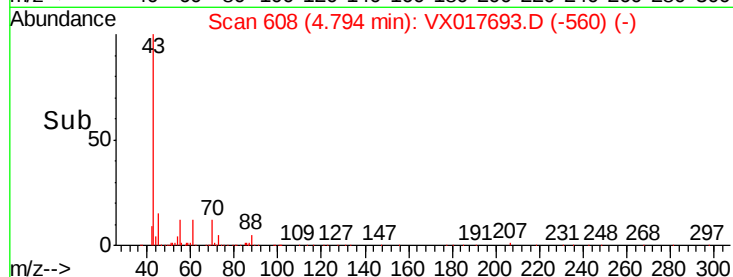
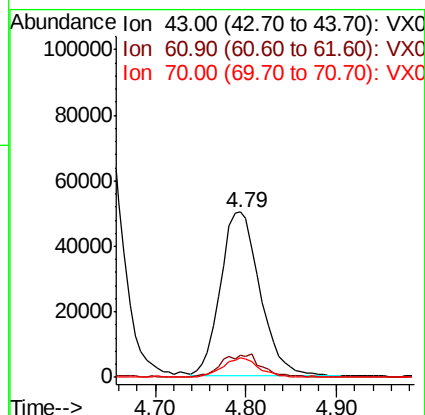
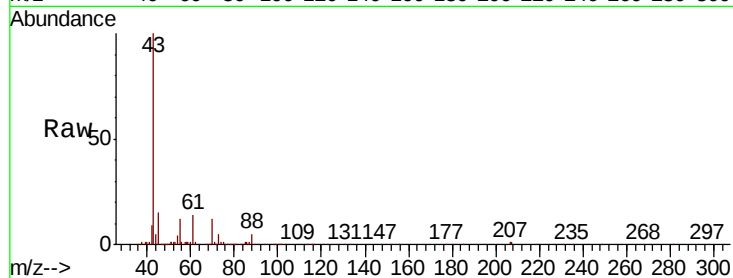




#37
Ethyl Acetate
Concen: 18.370 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

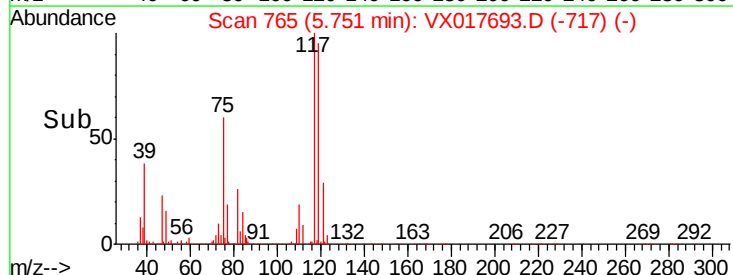
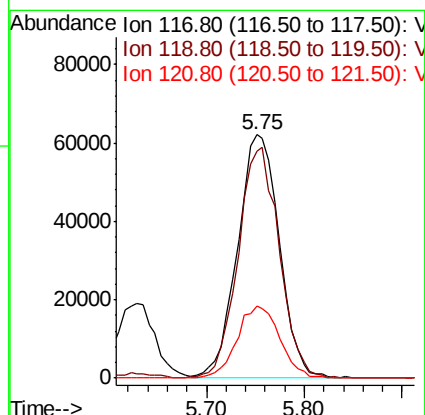
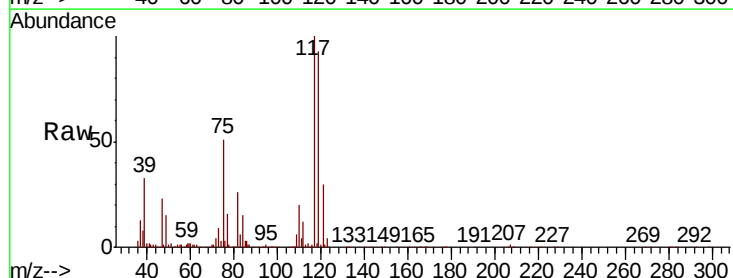
Instrument :
MSVOA_X
ClientSampled :
VX0731WBS01

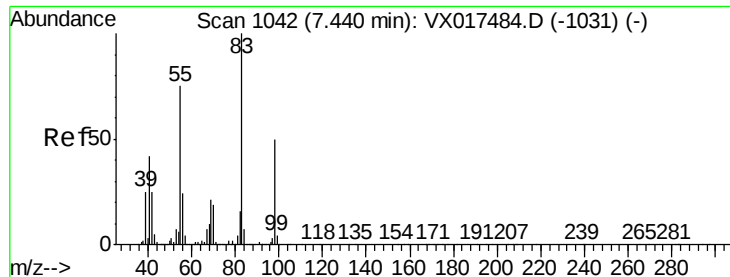
Tot Ion: 43 Resp: 151081
Ion Ratio Lower Upper
43 100
61 14.5 10.7 16.1
70 11.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.092 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion: 117 Resp: 183395
Ion Ratio Lower Upper
117 100
119 93.1 75.4 113.0
121 29.7 24.3 36.5

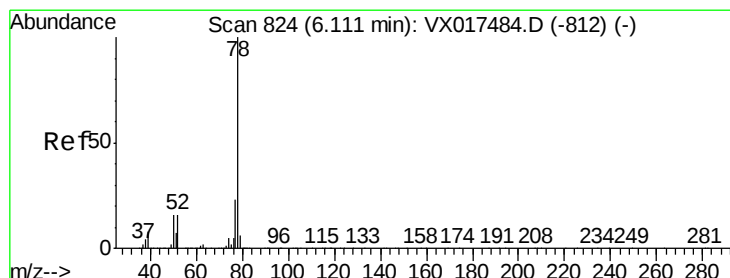
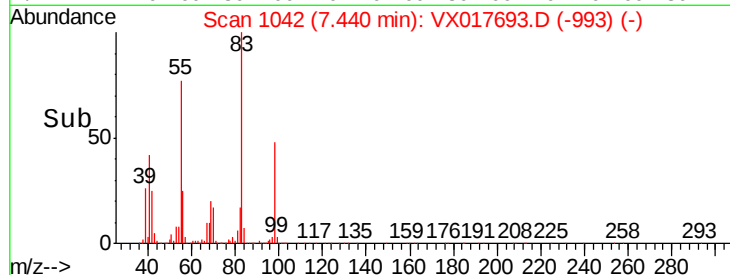
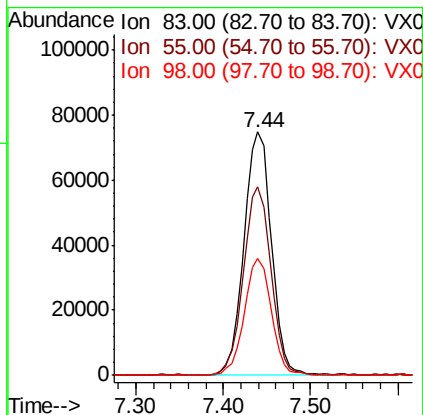
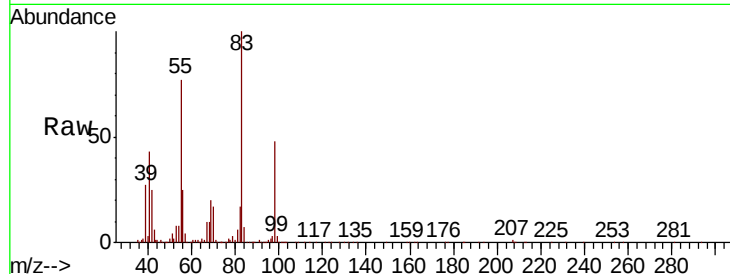




#39
Methvlcvclohexane
Concen: 18.614 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

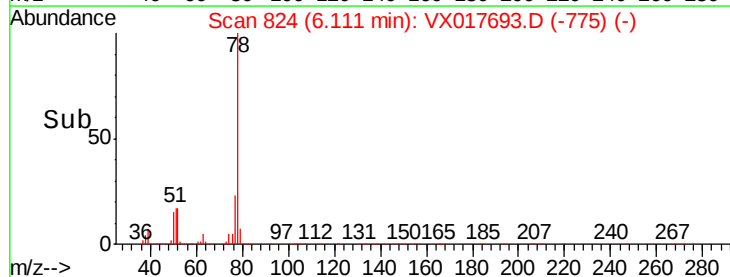
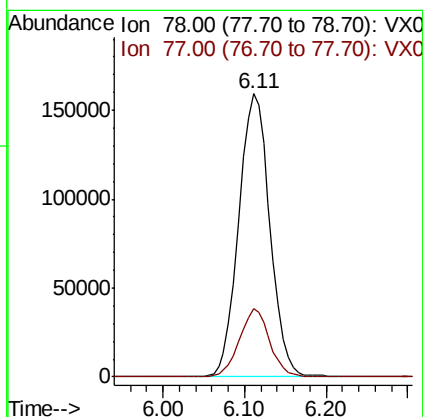
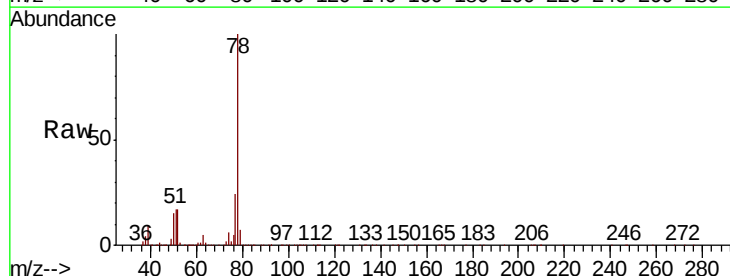
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

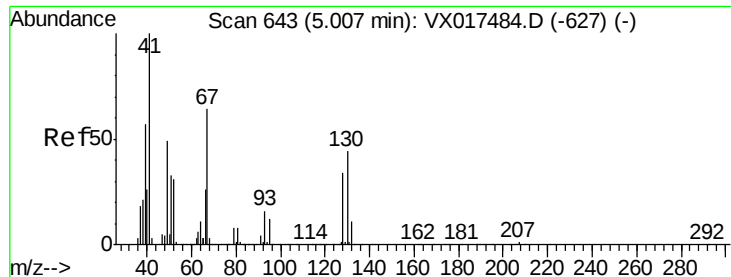
Tot Ion: 83 Resp: 163330
Ion Ratio Lower Upper
83 100
55 77.4 61.8 92.8
98 47.9 36.9 55.3



#40
Benzene
Concen: 19.501 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion: 78 Resp: 420243
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.2

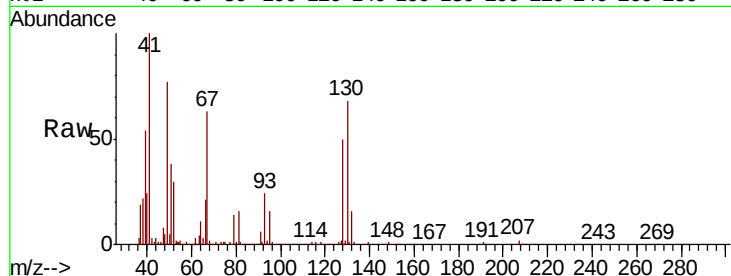




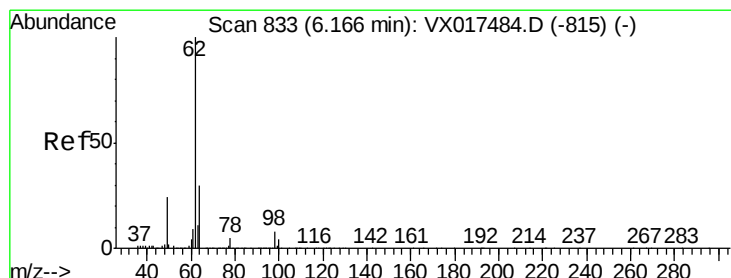
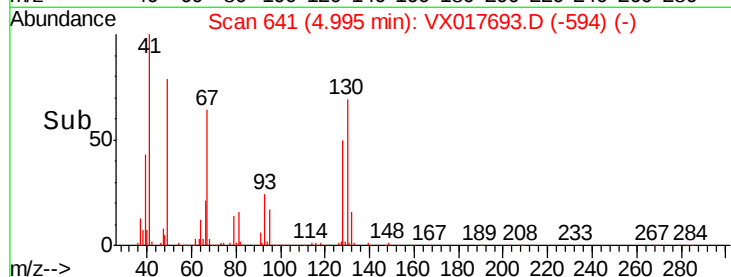
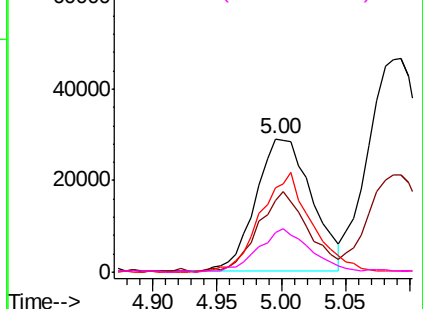
#41
Methacrylonitrile
Concen: 18.652 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampled :
VX0731WBS01

Tot Ion:	41	Resp:	87927
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.9	65.9
67	69.2	54.0	81.0
52	29.6	23.0	34.6

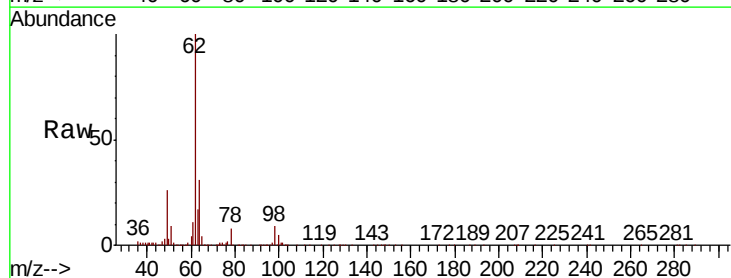


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

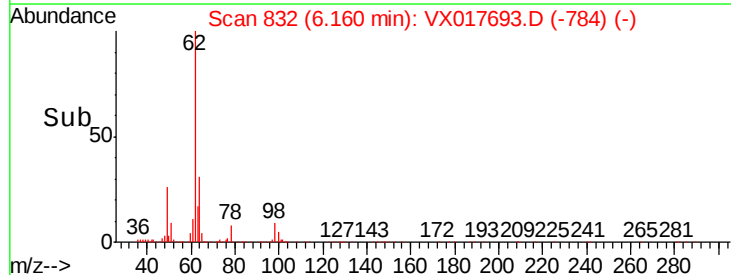
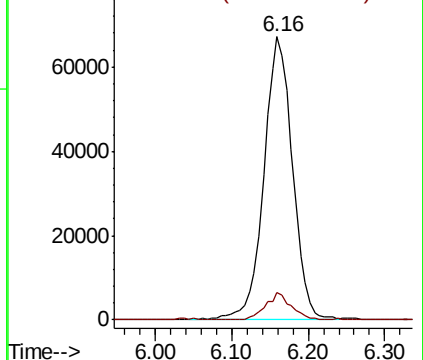


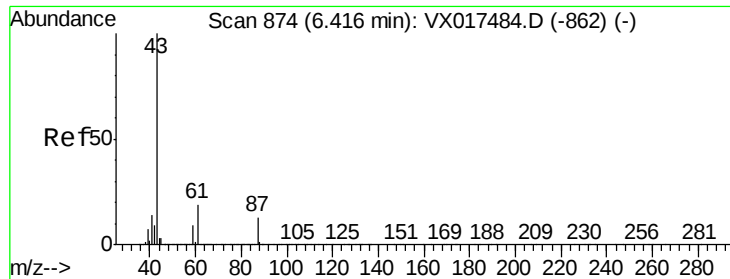
#42
1,2-Dichloroethane
Concen: 19.801 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion:	62	Resp:	174566
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.0



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



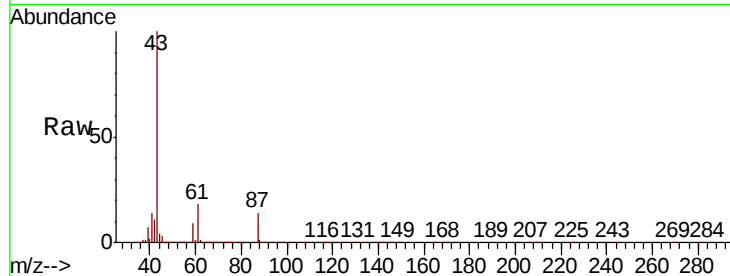


#43

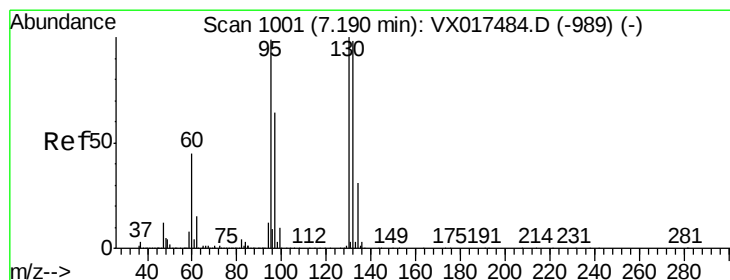
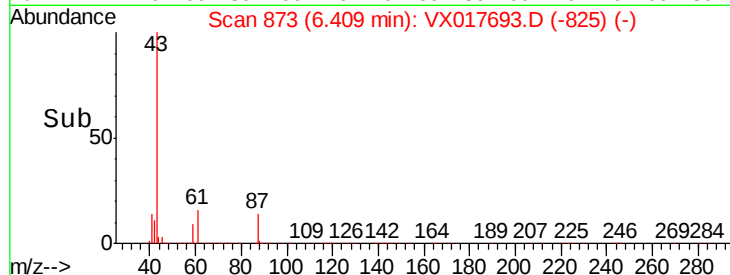
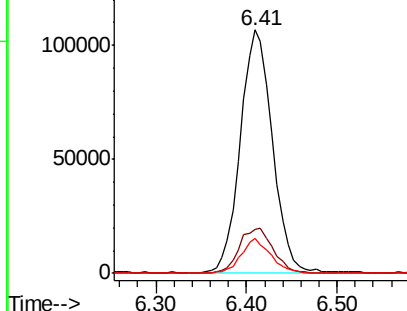
Isopropyl Acetate
 Concen: 19.288 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.5	23.3
87	13.2	10.5	15.7



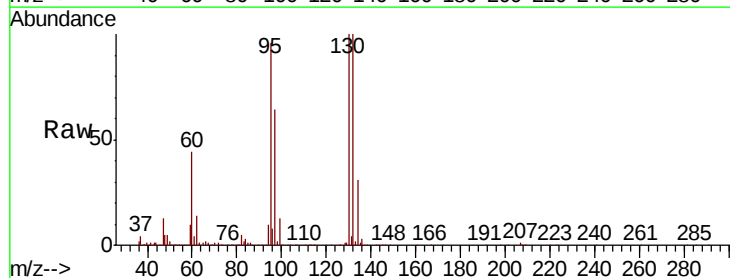
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



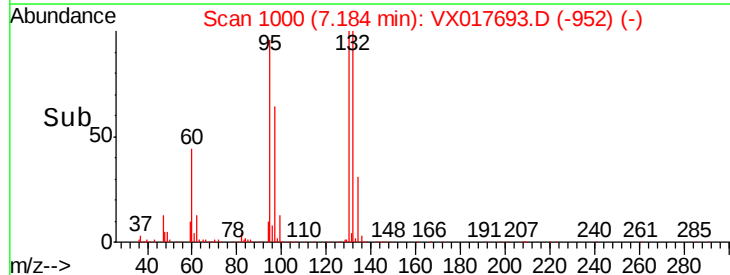
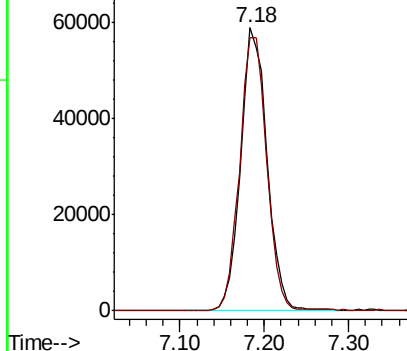
#44

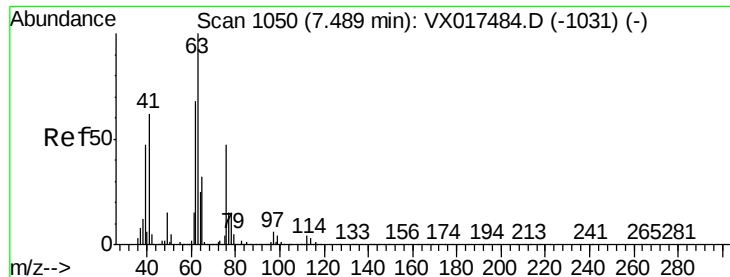
Trichloroethene
 Concen: 19.678 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	189.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.030 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

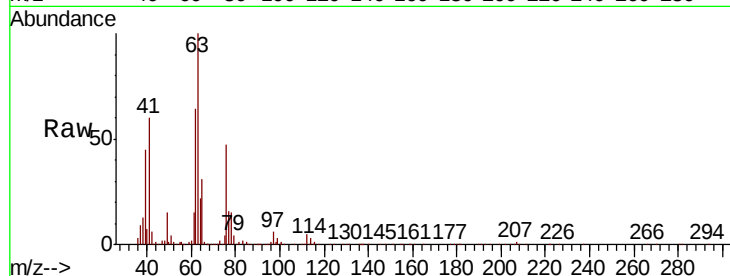
VX0731WBS01

Tot Ion: 63 Resp: 113679

Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

60000

50000

40000

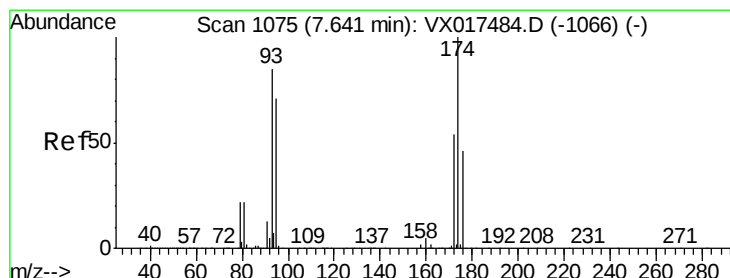
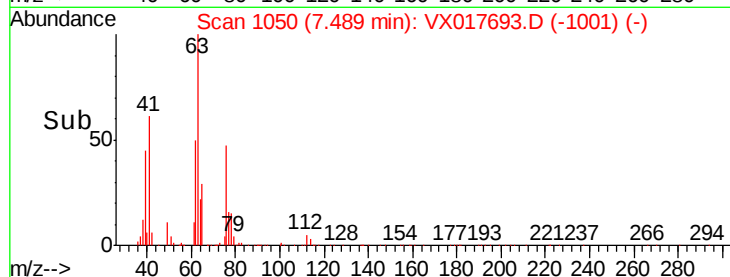
30000

20000

10000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 19.051 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

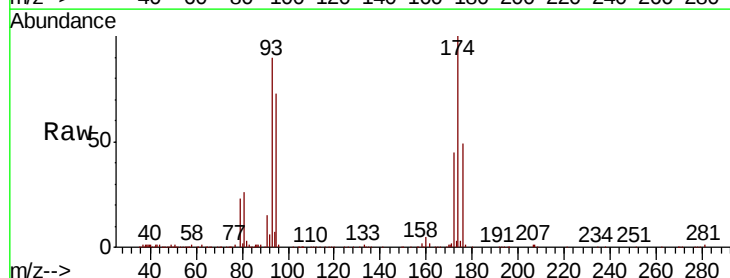
Tgt Ion: 93 Resp: 80430

Ion Ratio Lower Upper

93 100

95 79.4 66.6 99.8

174 112.1 87.0 130.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

50000

40000

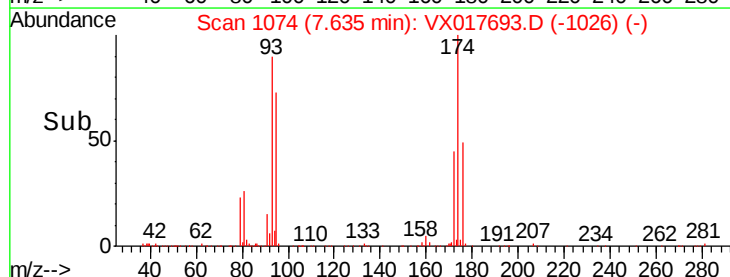
30000

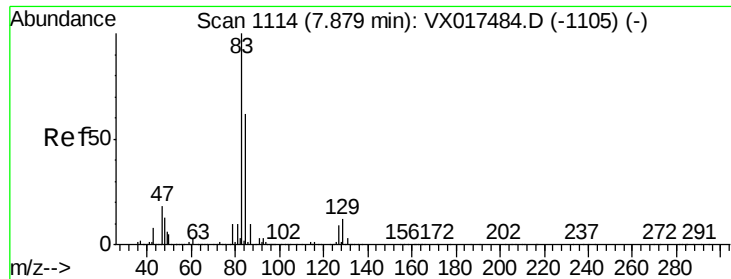
20000

10000

0

Time--> 7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 20.981 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

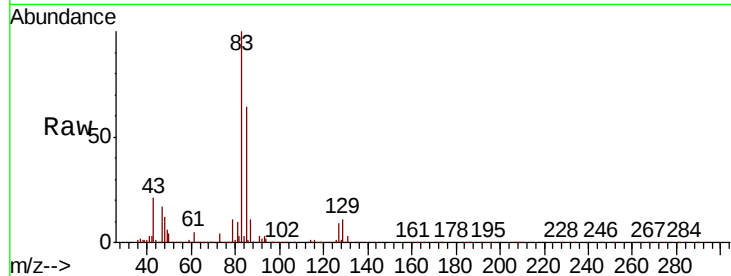
Tot Ion: 83 Resp: 178229

Ion Ratio Lower Upper

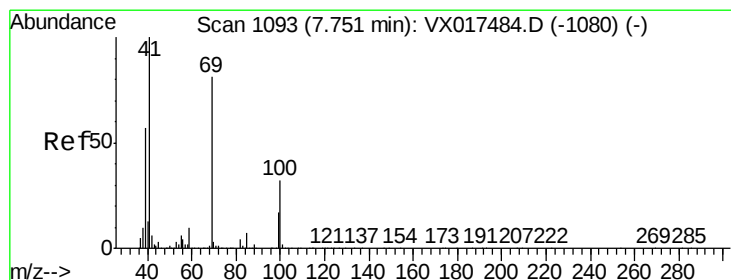
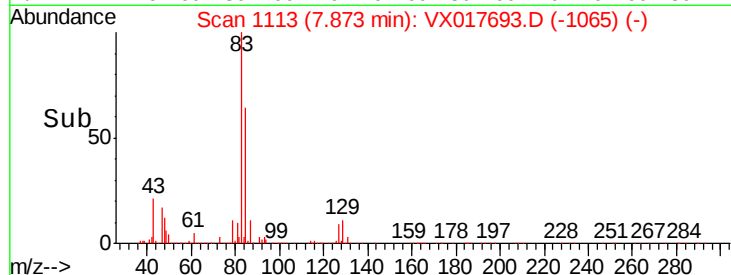
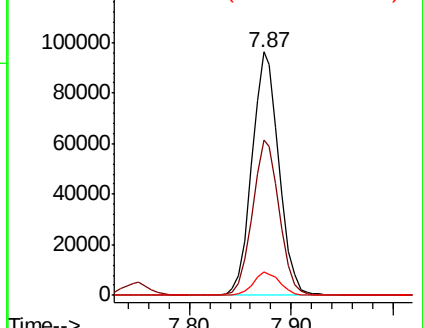
83 100

85 63.4 51.8 77.8

127 9.4 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.946 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

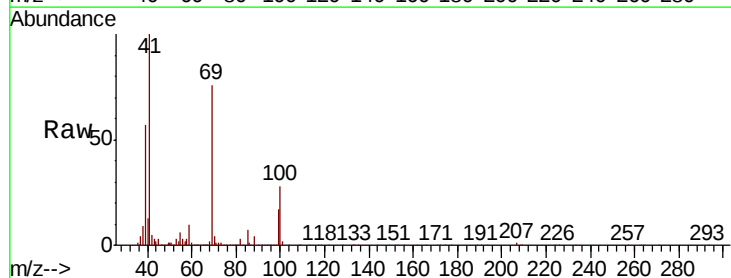
Tgt Ion: 41 Resp: 120710

Ion Ratio Lower Upper

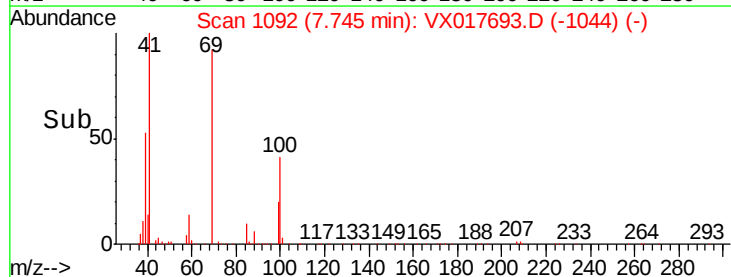
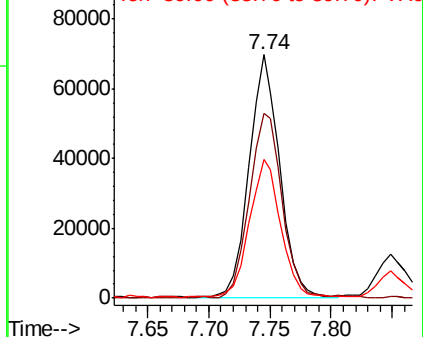
41 100

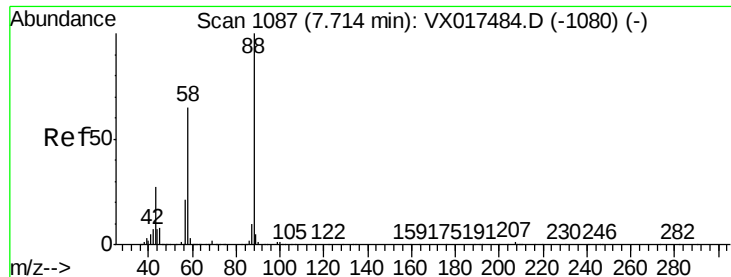
69 81.2 63.1 94.7

39 58.8 45.1 67.7



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





#49

1,4-Dioxane

Concen: 375.566 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

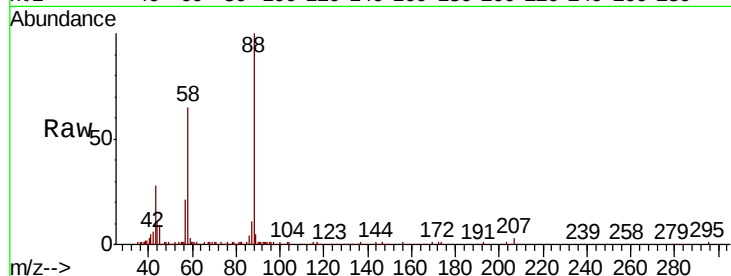
Tot Ion: 88 Resp: 48432

Ion Ratio Lower Upper

88 100

43 40.9 27.8 41.6

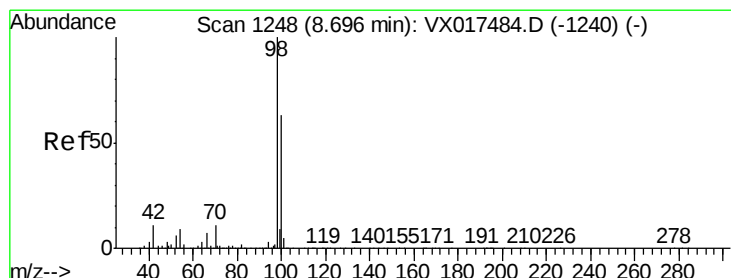
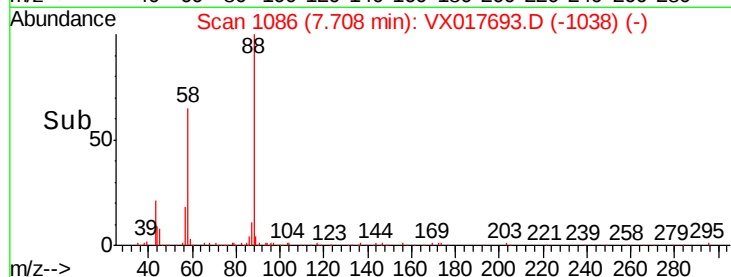
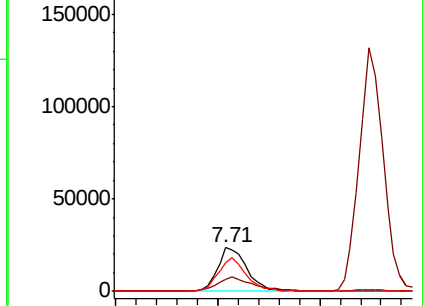
58 69.5 58.3 87.5



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: 51.684 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017693.D

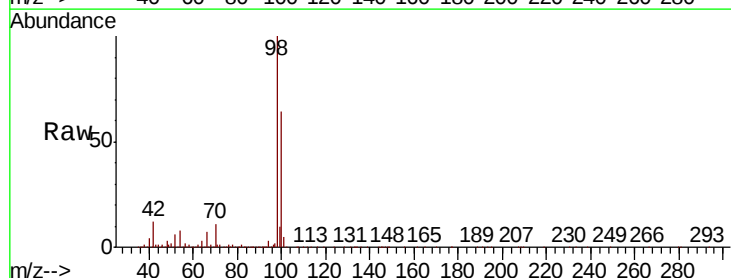
Acq: 31 Jul 2020 11:57

Tgt Ion: 98 Resp: 977270

Ion Ratio Lower Upper

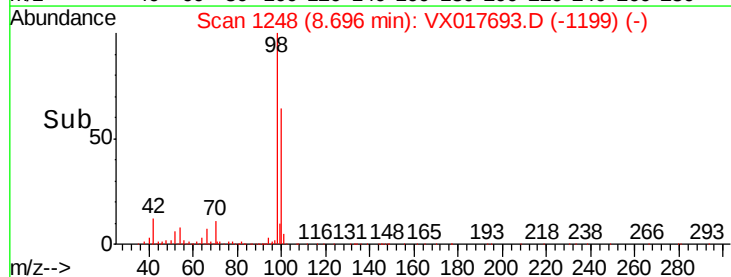
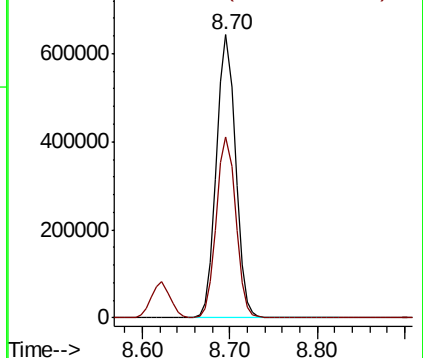
98 100

100 64.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 101.380 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

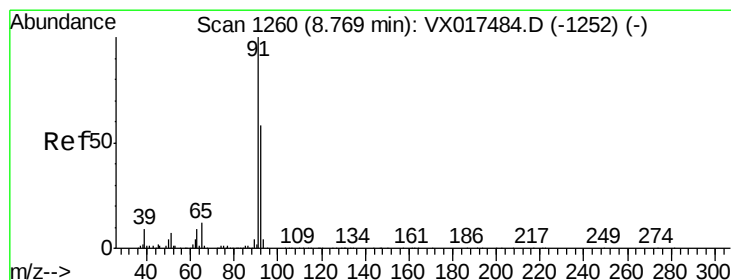
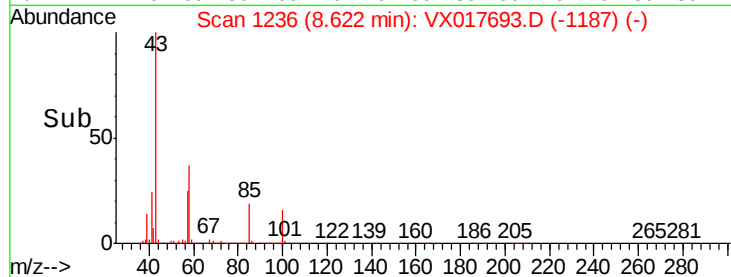
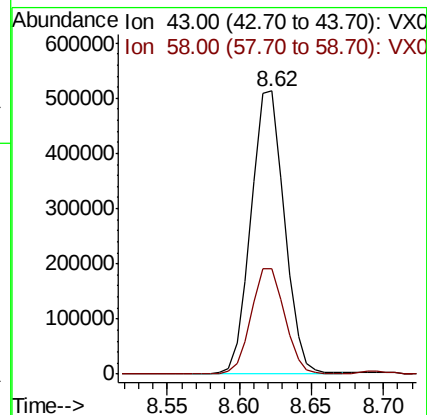
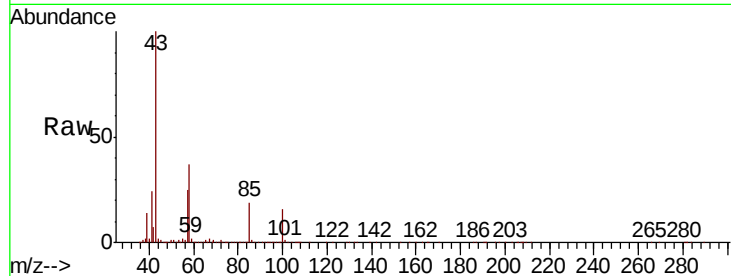
VX0731WBS01

Tot Ion: 43 Resp: 820803

Ion Ratio Lower Upper

43 100

58 37.6 31.0 46.4



#52

Toluene

Concen: 20.367 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017693.D

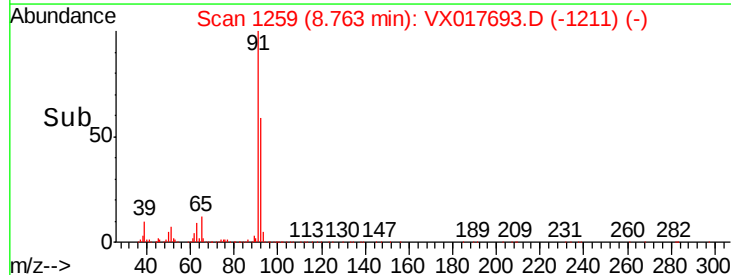
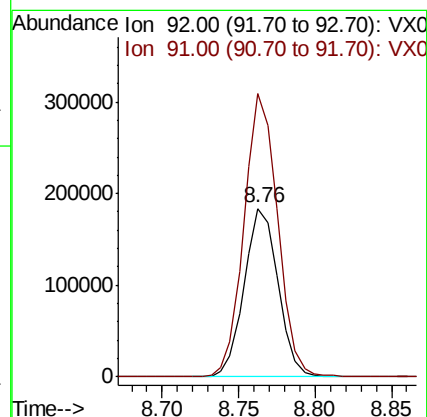
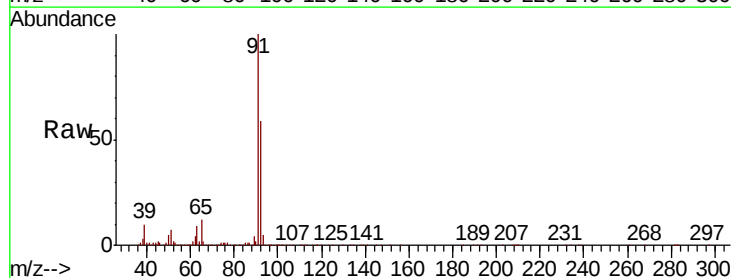
Acq: 31 Jul 2020 11:57

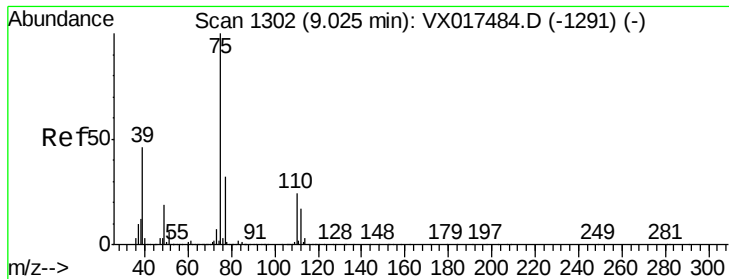
Tgt Ion: 92 Resp: 281468

Ion Ratio Lower Upper

92 100

91 167.9 137.6 206.4

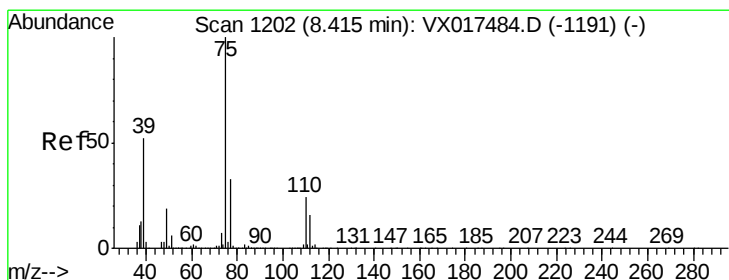
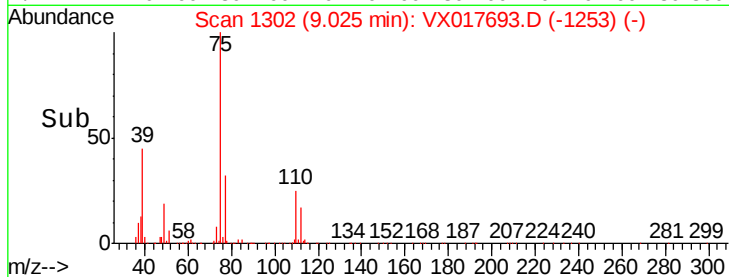
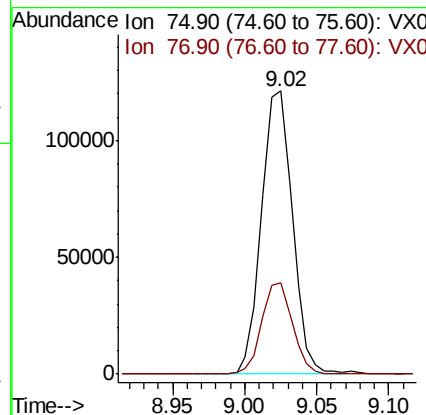
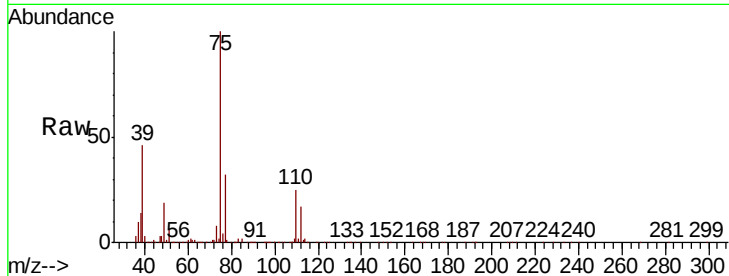




#53
t-1,3-Dichloropropene
Concen: 18.873 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

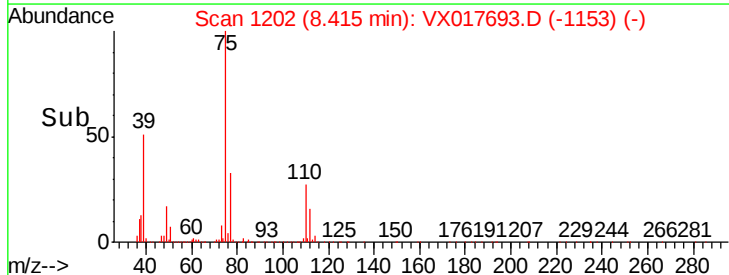
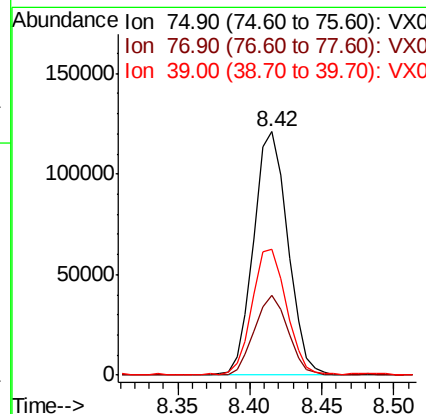
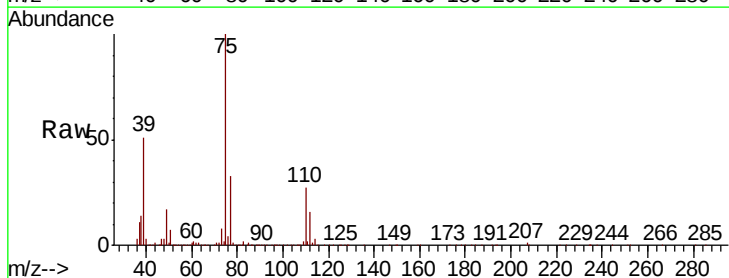
Instrument :
MSVOA_X
ClientSampled :
VX0731WBS01

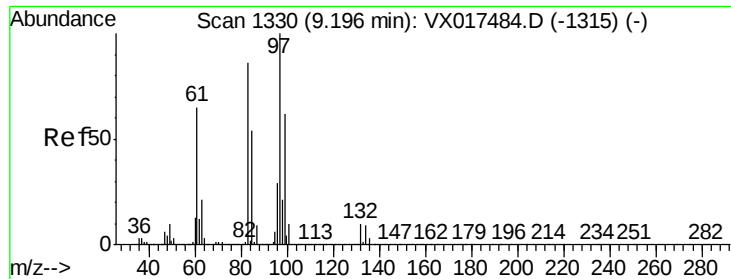
Tot Ion: 75 Resp: 179464
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 20.406 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion: 75 Resp: 197923
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
39 51.4 41.8 62.8

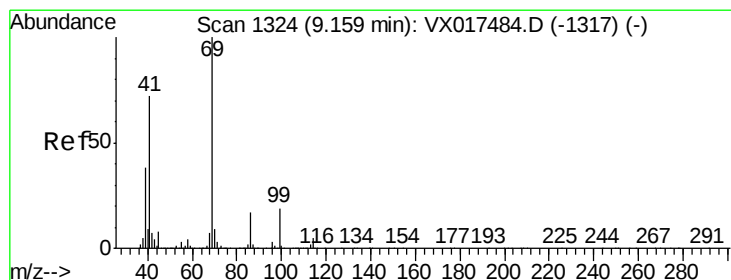
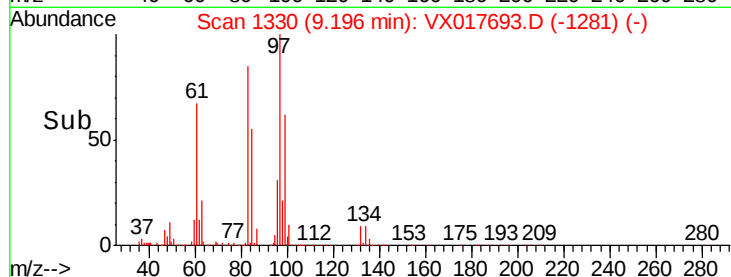
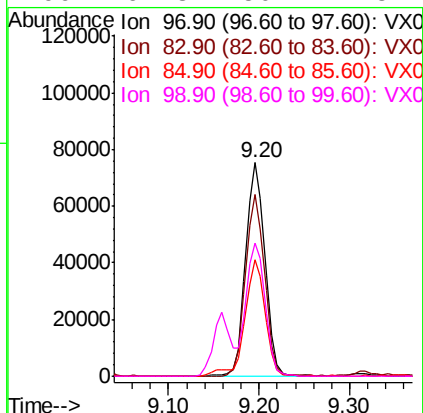
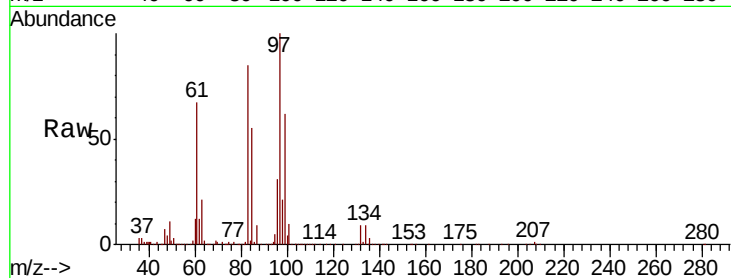




#55
 1,1,2-Trichloroethane
 Concen: 19.409 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

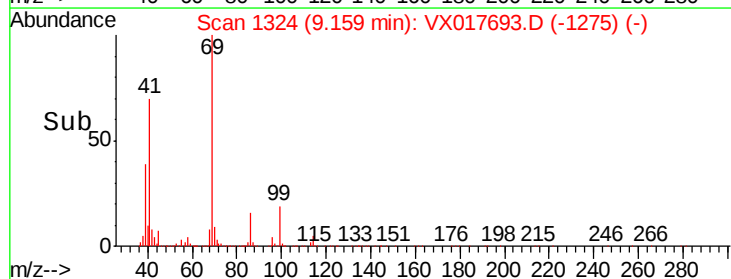
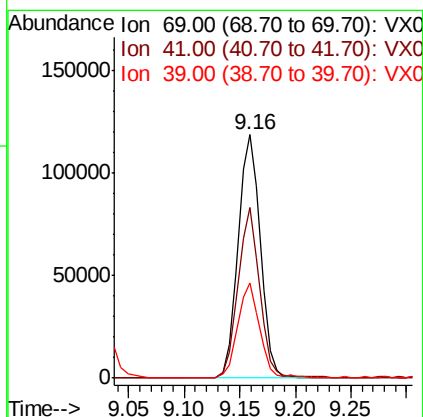
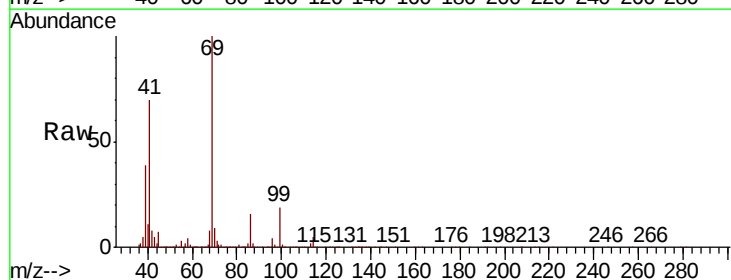
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

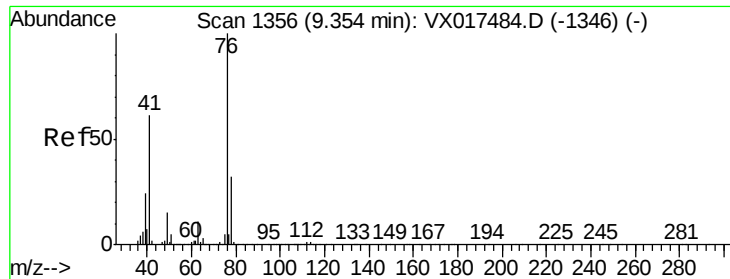
Tot Ion:	97	Resp:	111738
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.6	101.4
85	54.8	44.6	67.0
99	62.3	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 18.946 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion:	69	Resp:	164328
Ion	Ratio	Lower	Upper
69	100		
41	67.4	55.0	82.6
39	38.0	30.0	45.0





#57

1,3-Dichloropropane

Concen: 19.295 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

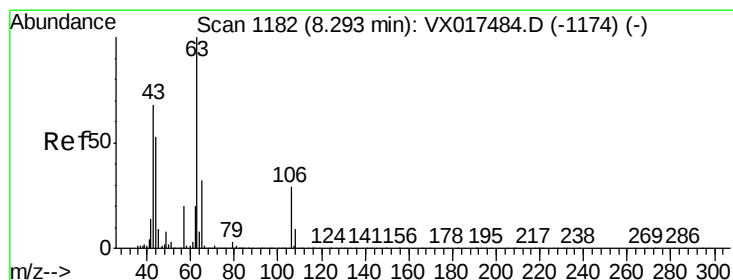
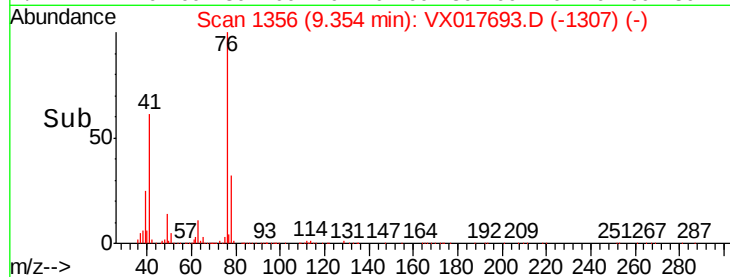
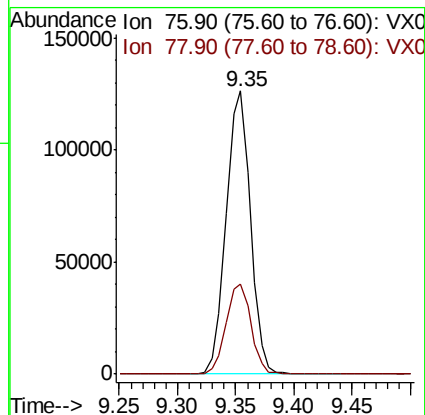
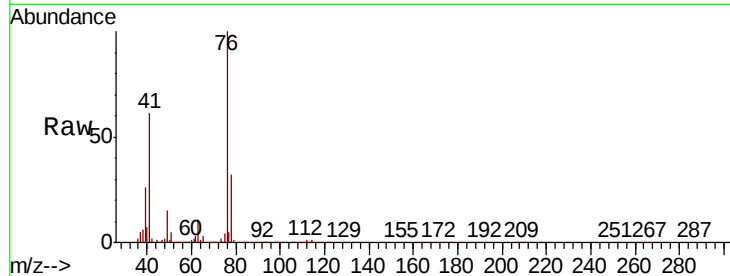
VX0731WBS01

Tot Ion: 76 Resp: 182914

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 91.743 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017693.D

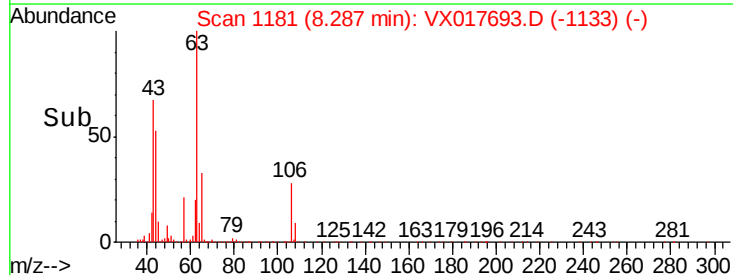
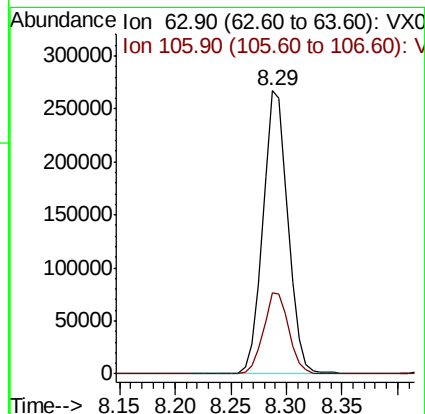
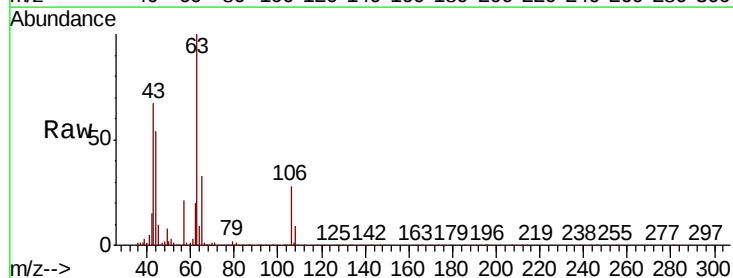
Acq: 31 Jul 2020 11:57

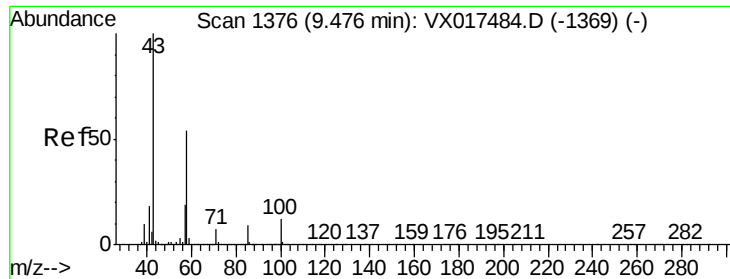
Tgt Ion: 63 Resp: 419225

Ion Ratio Lower Upper

63 100

106 29.1 22.6 34.0

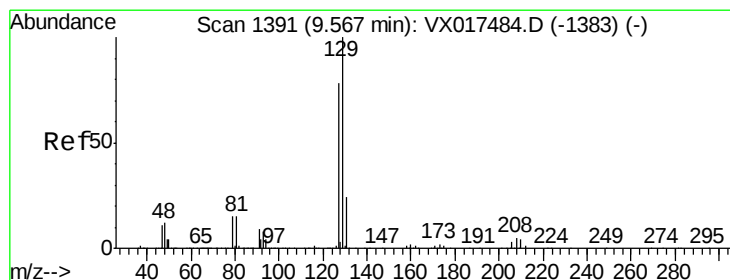
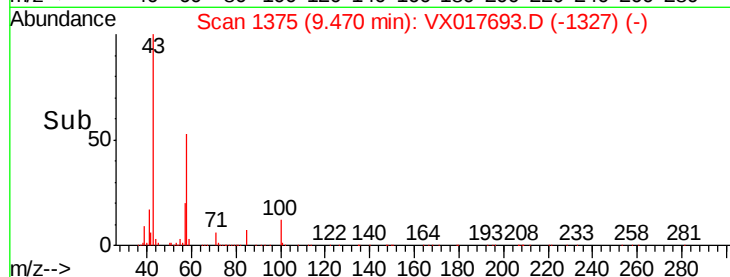
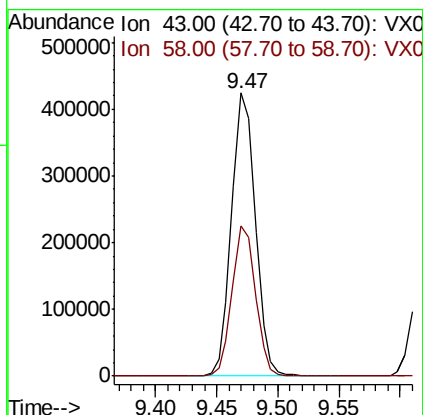
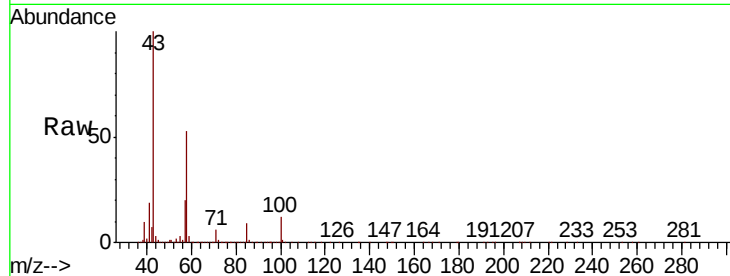




#59
2-Hexanone
Concen: 94.070 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

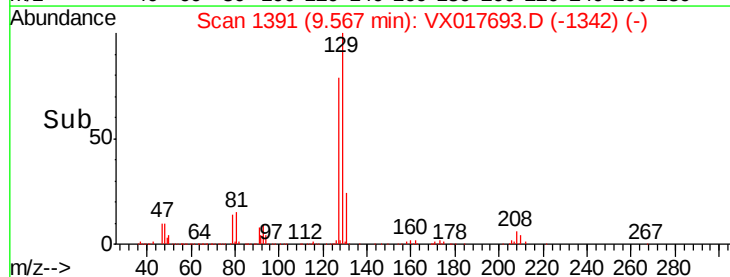
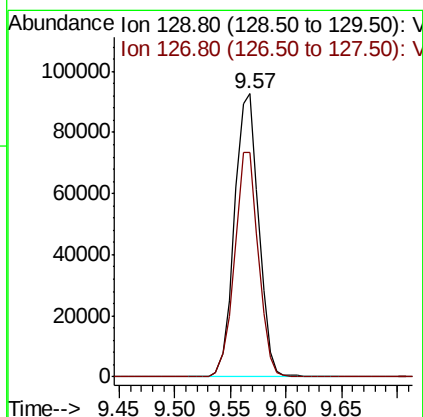
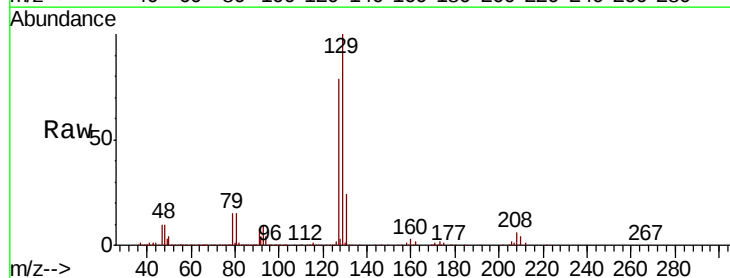
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

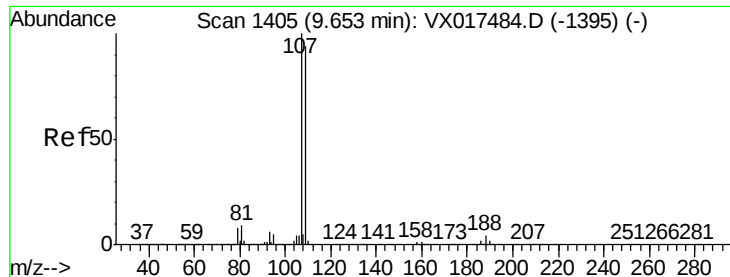
Tot Ion: 43 Resp: 573414
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.8



#60
Dibromochloromethane
Concen: 19.036 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion:129 Resp: 139290
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.676 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

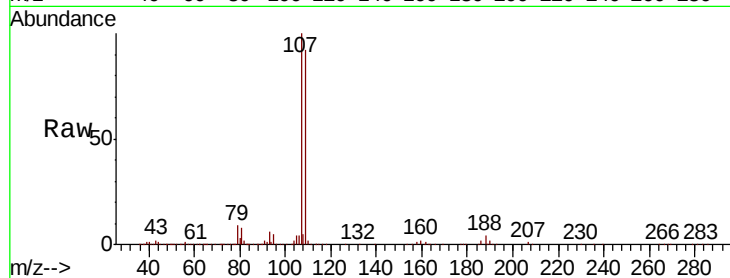
VX0731WBS01

Tot Ion:107 Resp: 120598

Ion Ratio Lower Upper

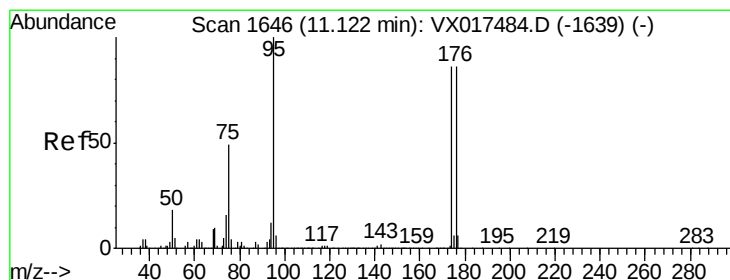
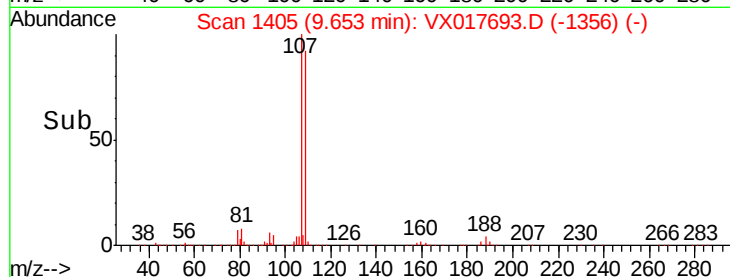
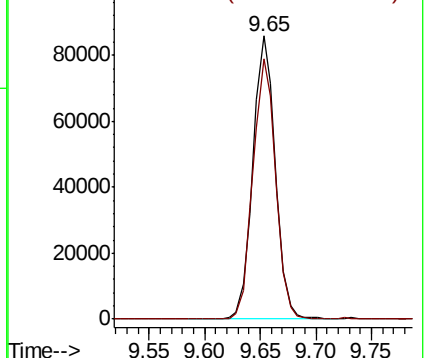
107 100

109 93.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.563 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

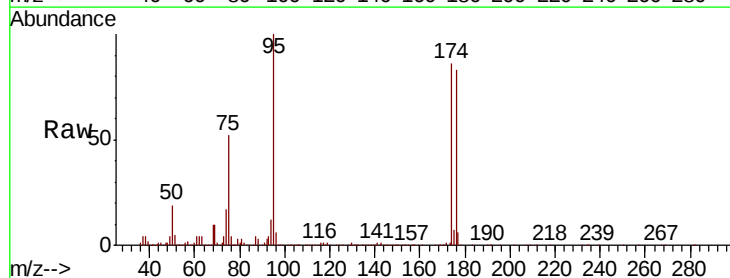
Tgt Ion: 95 Resp: 359918

Ion Ratio Lower Upper

95 100

174 84.0 0.0 169.0

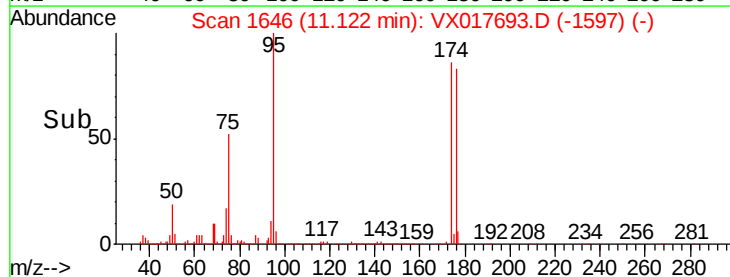
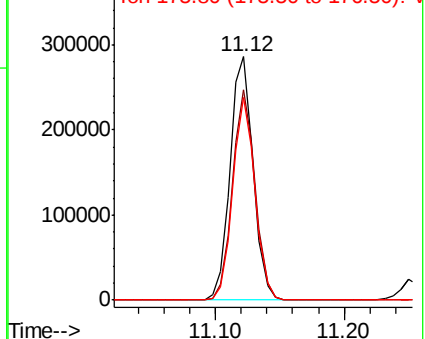
176 80.1 0.0 161.0



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

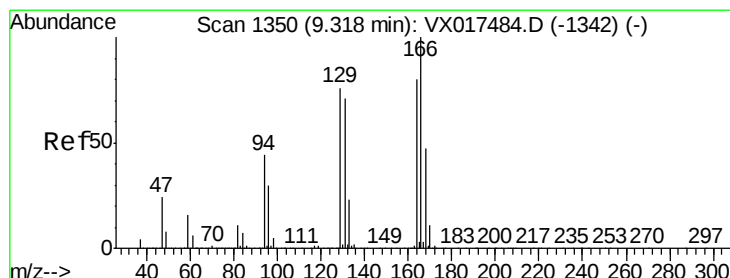
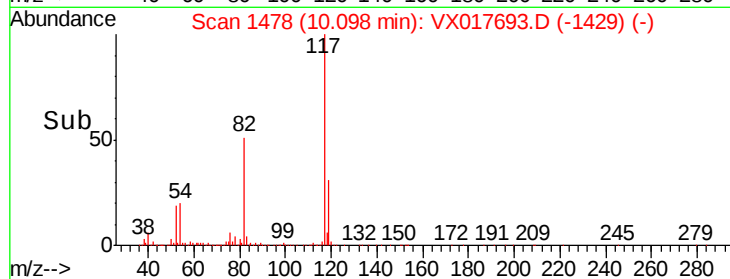
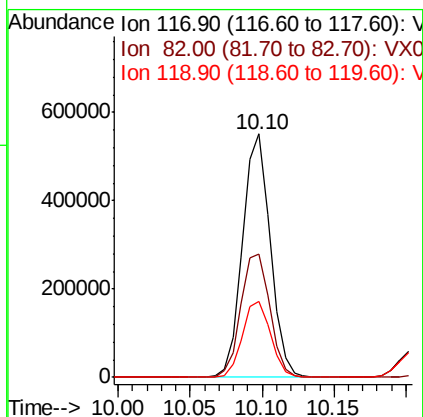
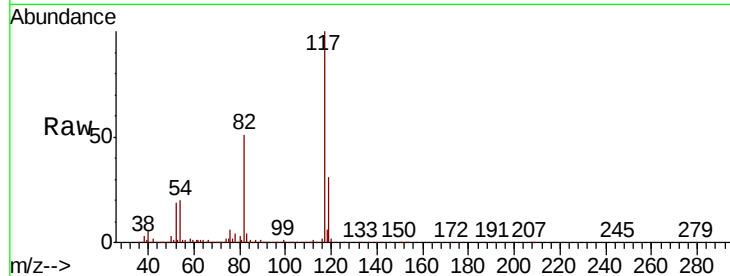




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

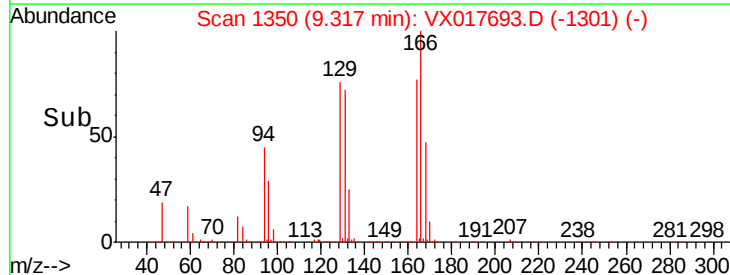
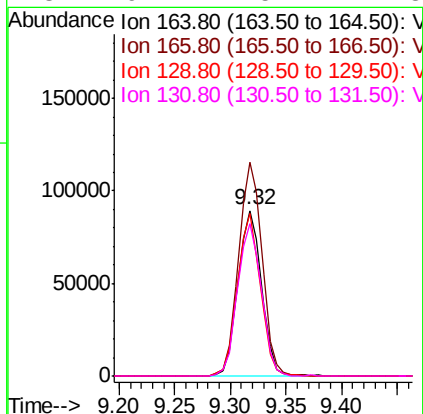
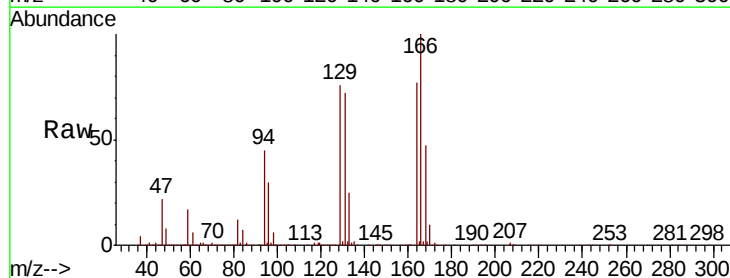
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

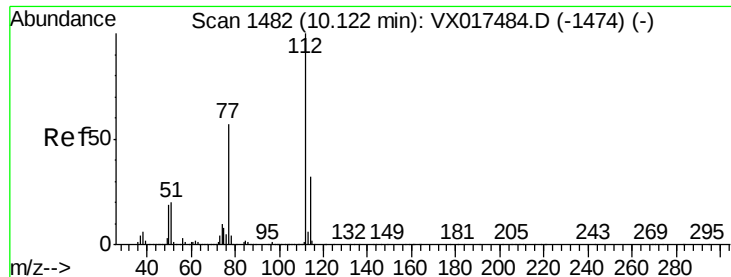
Tot Ion:117 Resp: 731559
Ion Ratio Lower Upper
117 100
82 50.8 44.0 66.0
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 19.929 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion:164 Resp: 130856
Ion Ratio Lower Upper
164 100
166 129.0 100.6 150.8
129 98.4 75.0 112.6
131 92.4 75.2 112.8

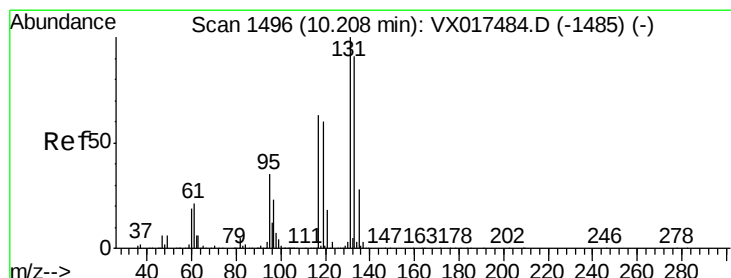
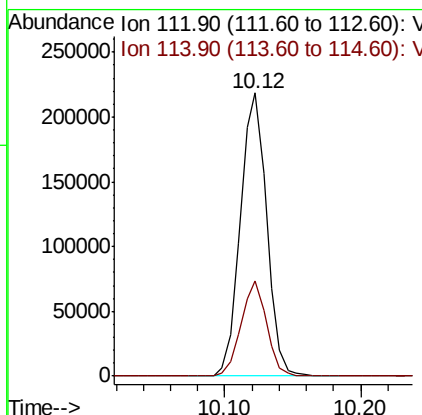
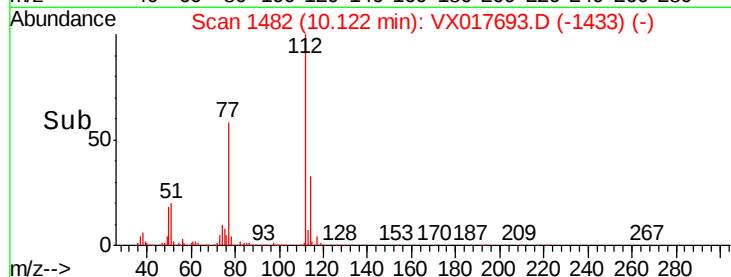
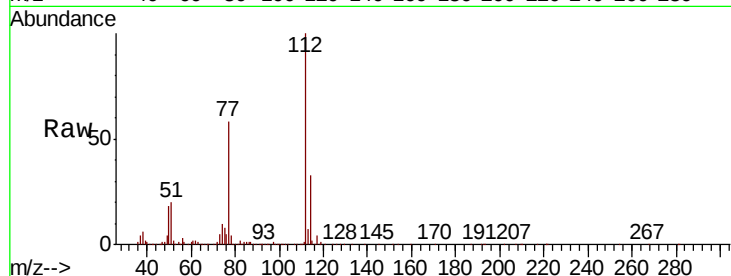




#65
Chlorobenzene
Concen: 18.581 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

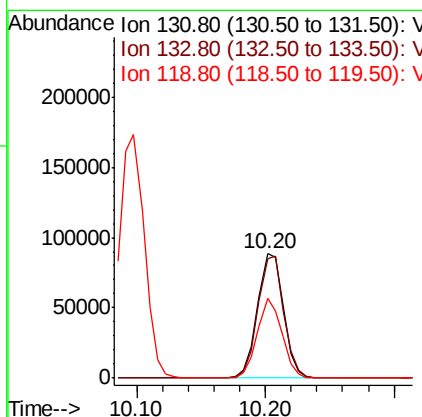
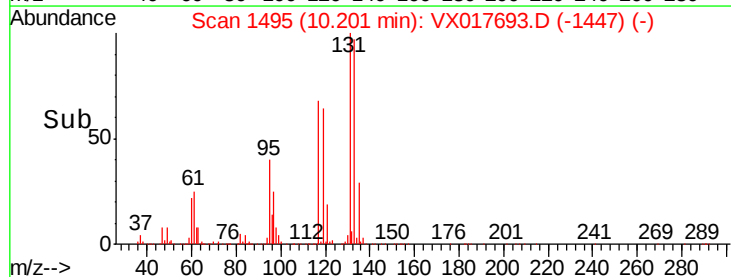
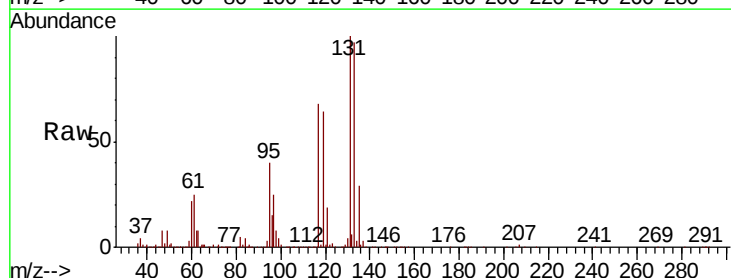
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

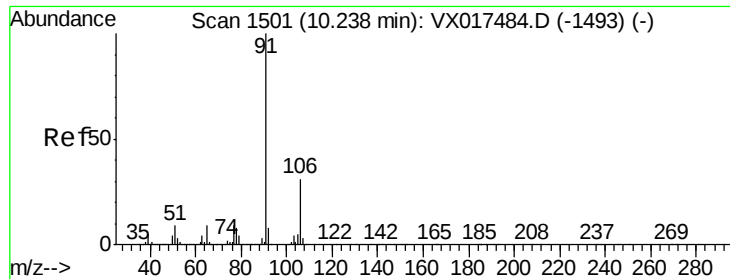
Tot Ion:112 Resp: 294230
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.282 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion:131 Resp: 123225
Ion Ratio Lower Upper
131 100
133 97.3 47.9 143.6
119 61.0 31.1 93.3





#67

Ethyl Benzene

Concen: 19.003 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

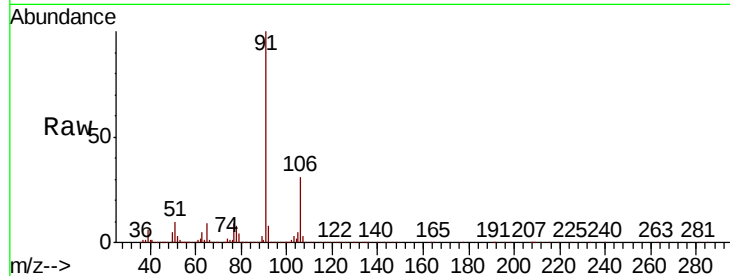
VX0731WBS01

Tot Ion: 91 Resp: 502290

Ion Ratio Lower Upper

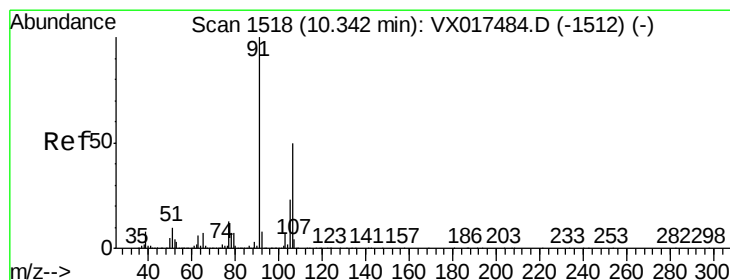
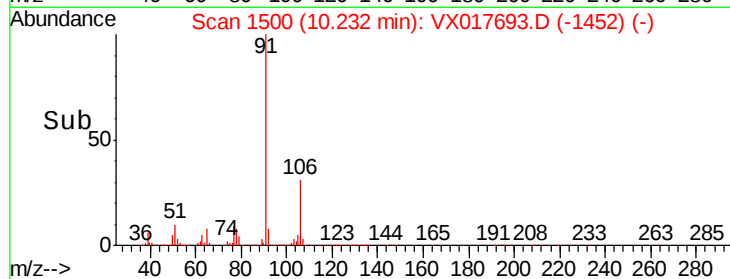
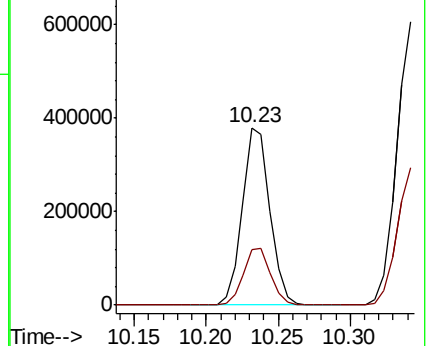
91 100

106 31.3 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.022 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017693.D

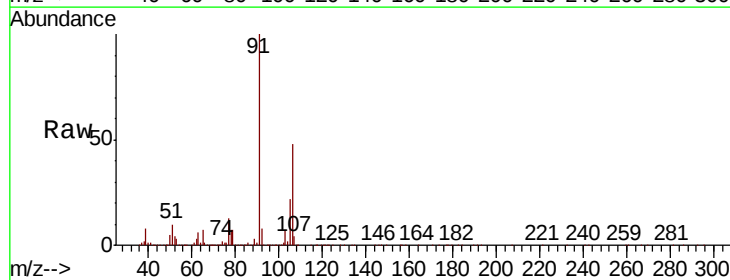
Acq: 31 Jul 2020 11:57

Tgt Ion: 106 Resp: 389343

Ion Ratio Lower Upper

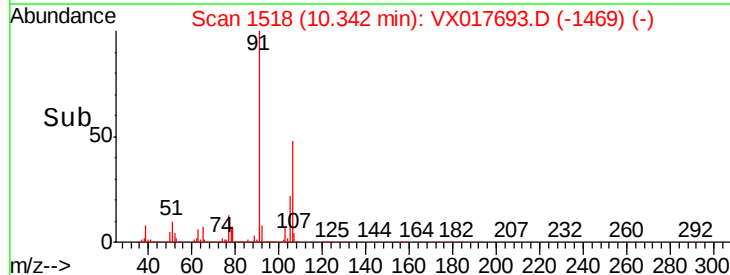
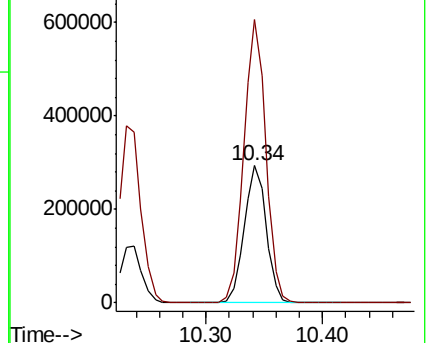
106 100

91 205.1 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

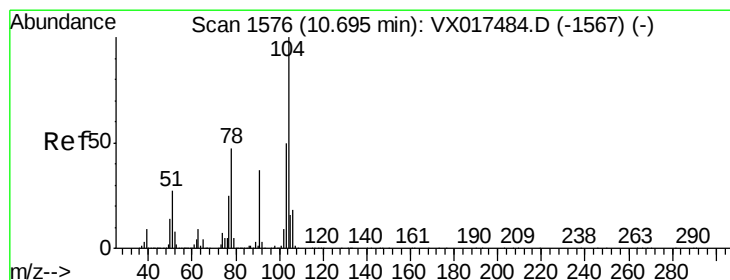
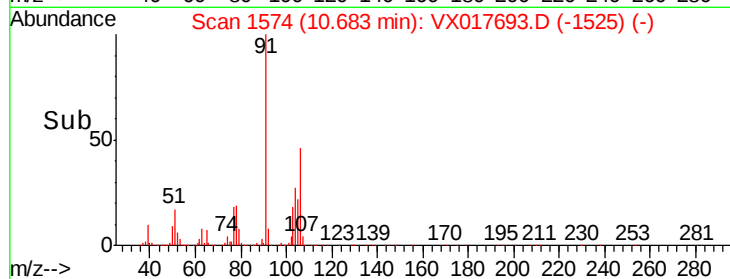
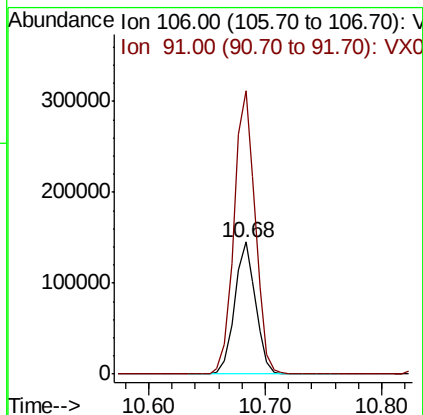
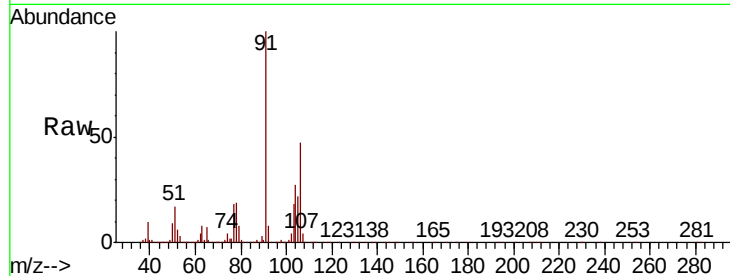




#69
o-Xylene
Concen: 18.446 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

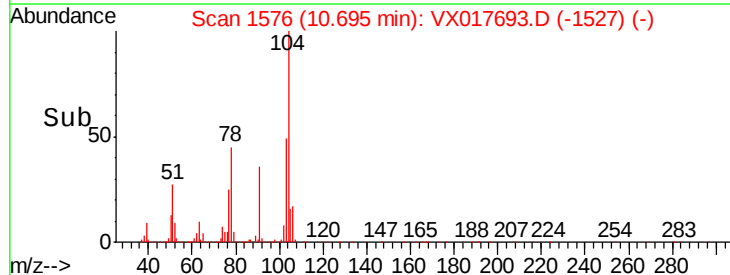
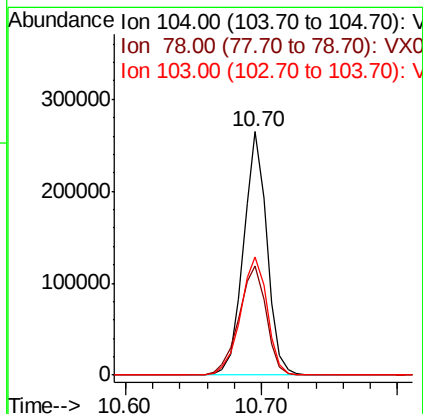
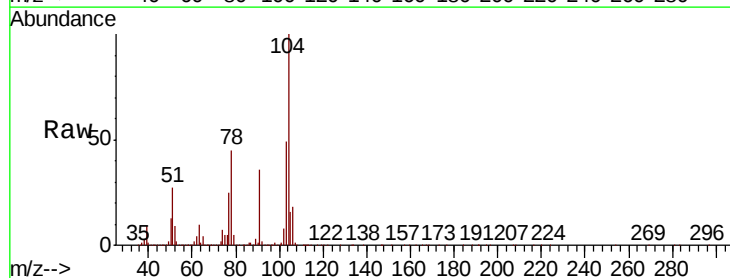
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion:106 Resp: 181667
Ion Ratio Lower Upper
106 100
91 217.8 108.2 324.6



#70
Styrene
Concen: 18.960 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion:104 Resp: 317699
Ion Ratio Lower Upper
104 100
78 52.5 42.5 63.7
103 55.7 44.3 66.5





#71

Bromoform

Concen: 18.545 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0731WBS01

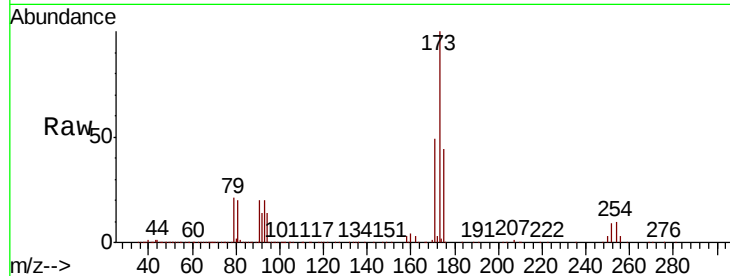
Tot Ion:173 Resp: 102681

Ion Ratio Lower Upper

173 100

175 46.1 23.8 71.5

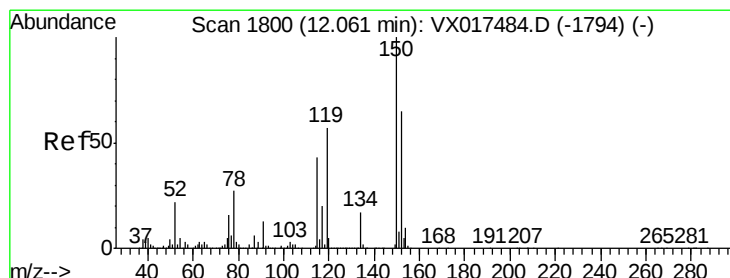
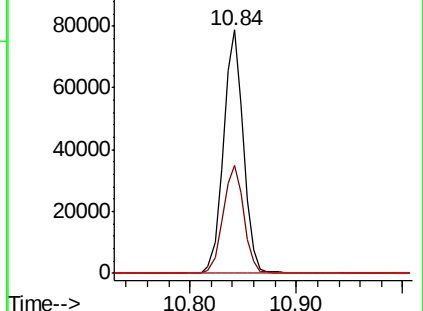
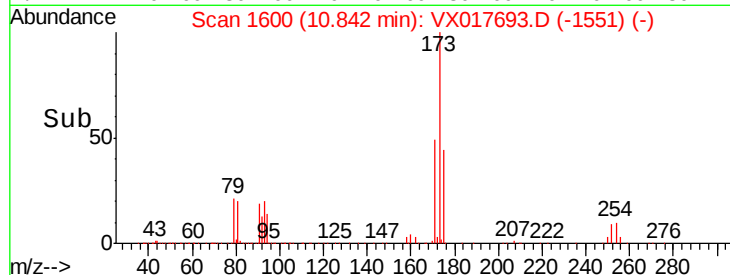
254 0.0 0.1 0.1#



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: VX017693.D

Acq: 31 Jul 2020 11:57

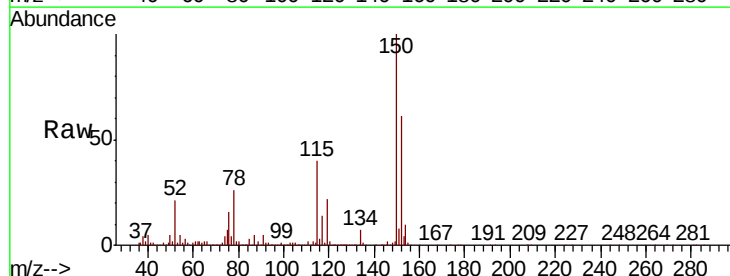
Tgt Ion:152 Resp: 401723

Ion Ratio Lower Upper

152 100

115 69.1 65.5 196.6

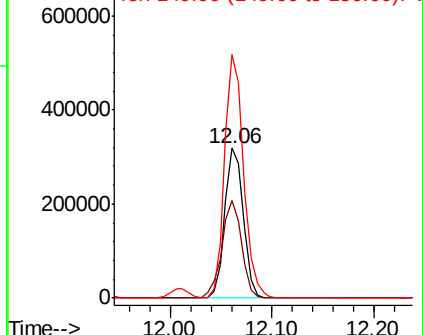
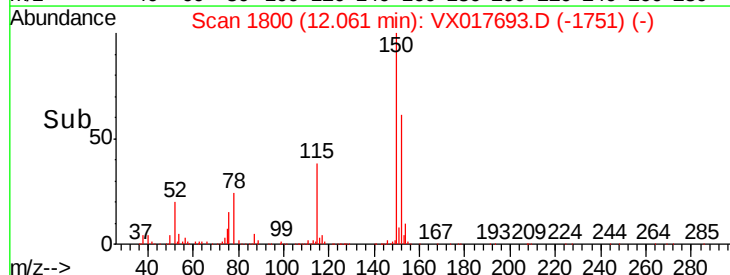
150 166.1 0.0 412.6

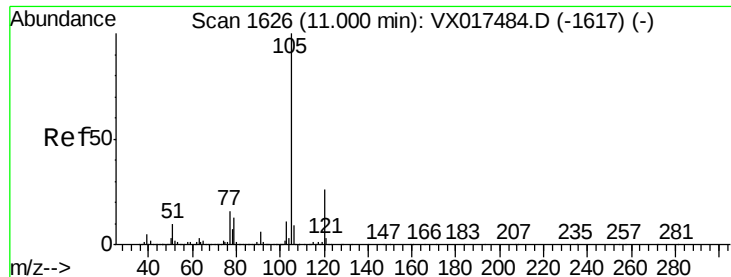


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.566 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

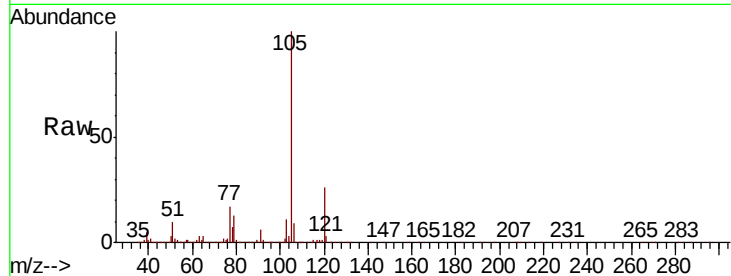
VX0731WBS01

Tot Ion:105 Resp: 511652

Ion Ratio Lower Upper

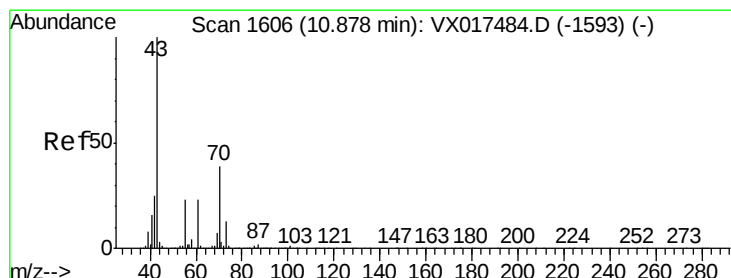
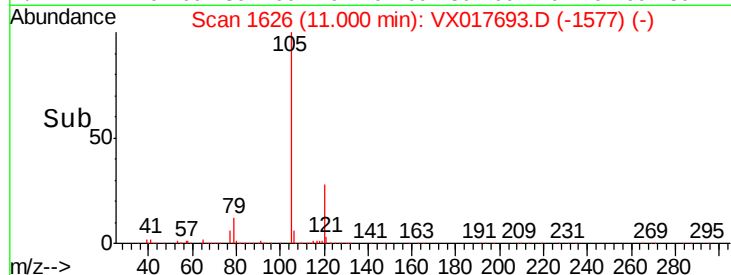
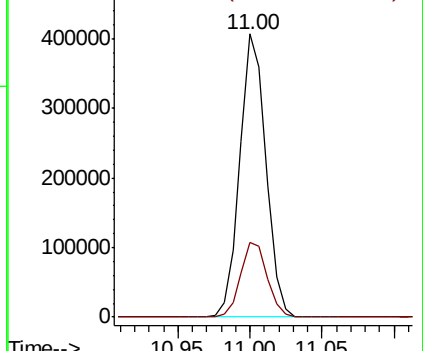
105 100

120 26.9 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: 16.703 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Tgt Ion: 43 Resp: 204526

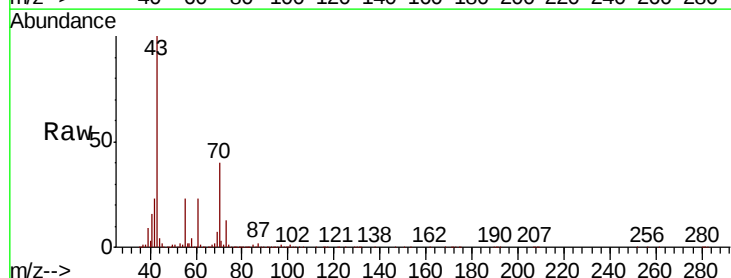
Ion Ratio Lower Upper

43 100

70 40.1 32.3 48.5

55 23.9 18.4 27.6

61 23.9 18.6 28.0

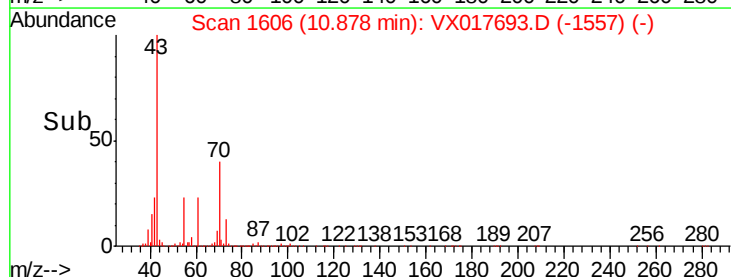
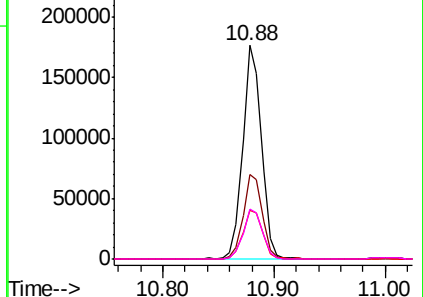


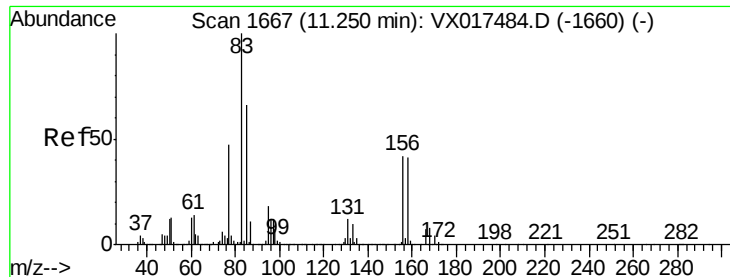
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.226 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

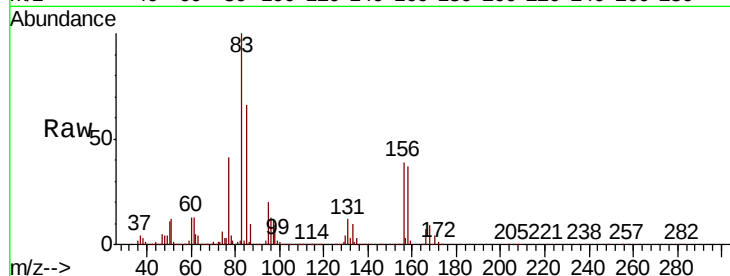
Tot Ion: 83 Resp: 156779

Ion Ratio Lower Upper

83 100

131 12.0 5.5 16.5

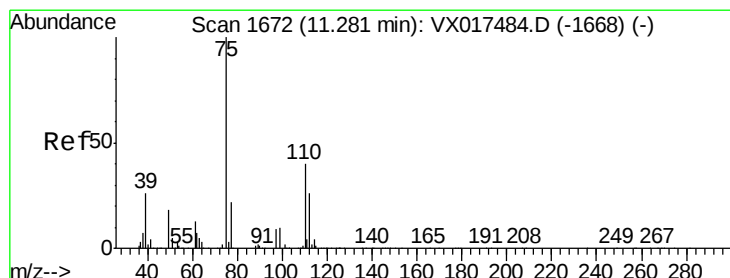
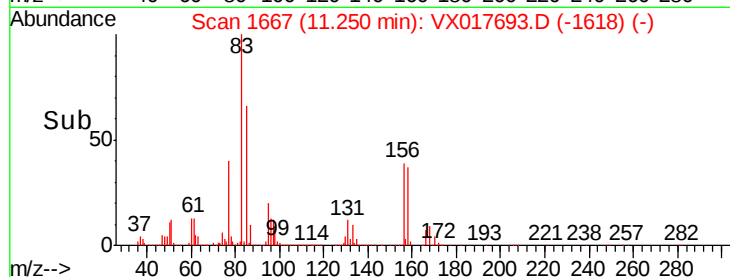
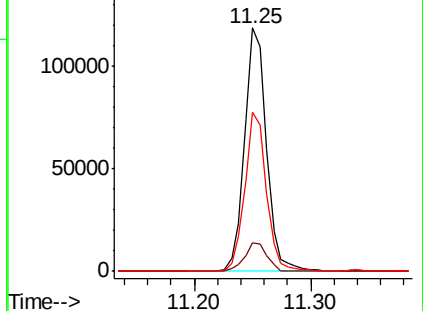
85 64.8 32.1 96.3



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: 24.047 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017693.D

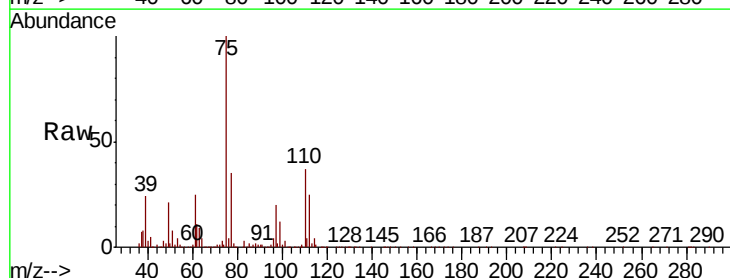
Acq: 31 Jul 2020 11:57

Tgt Ion: 75 Resp: 198718

Ion Ratio Lower Upper

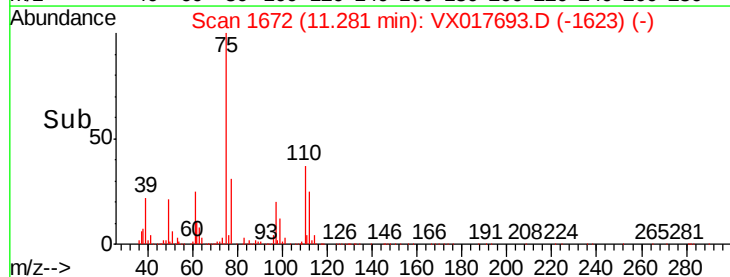
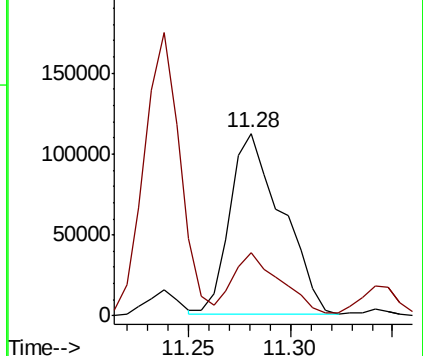
75 100

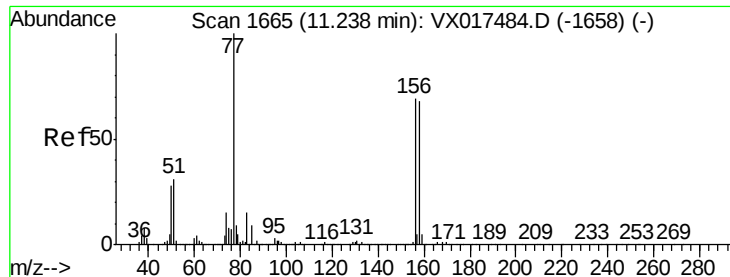
77 32.3 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.636 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

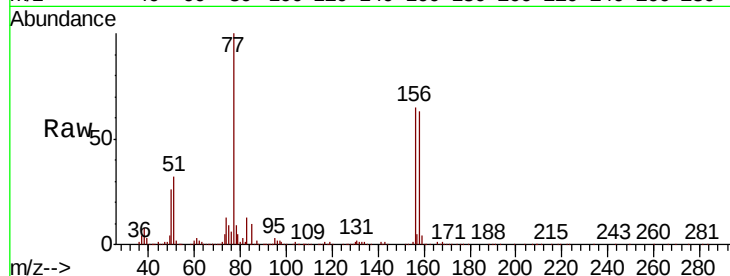
Tot Ion:156 Resp: 143784

Ion Ratio Lower Upper

156 100

77 149.8 75.0 225.0

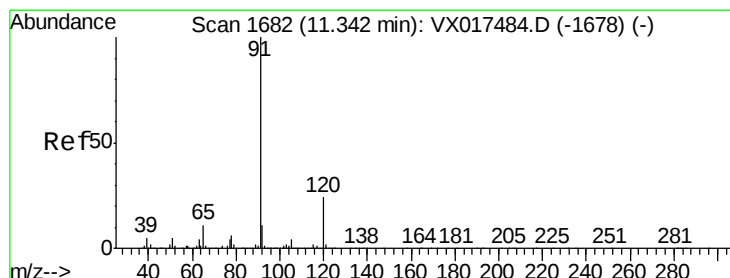
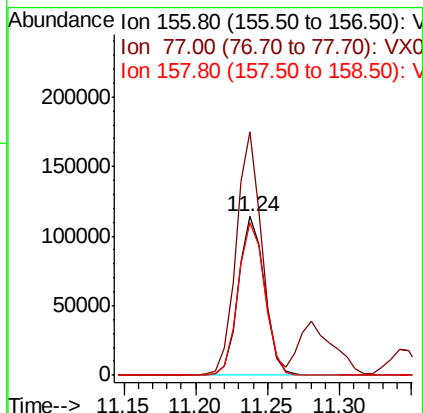
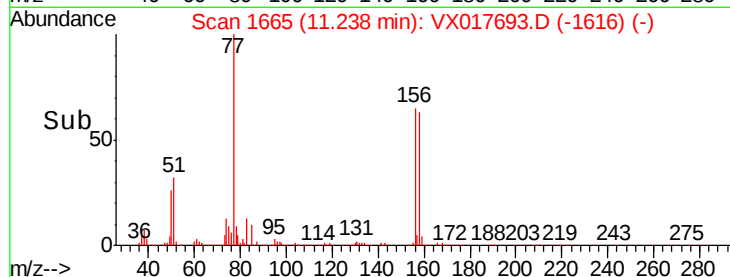
158 98.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.983 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017693.D

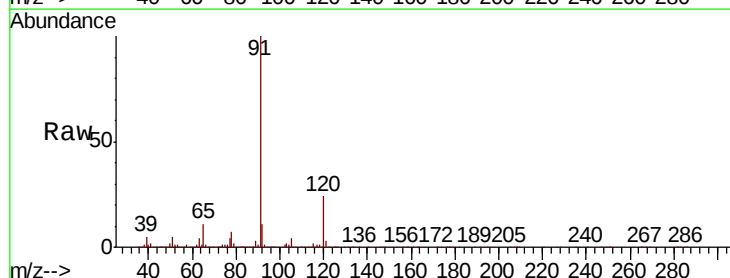
Acq: 31 Jul 2020 11:57

Tgt Ion: 91 Resp: 590021

Ion Ratio Lower Upper

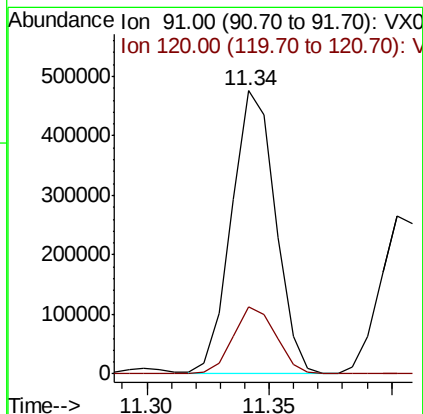
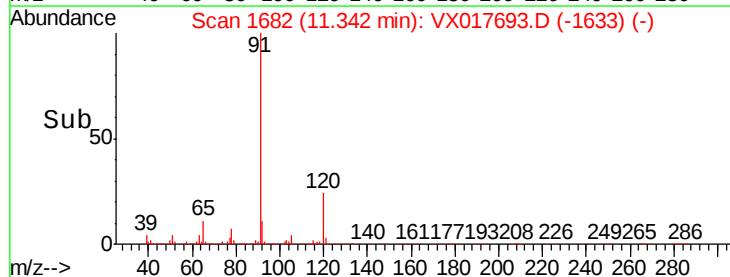
91 100

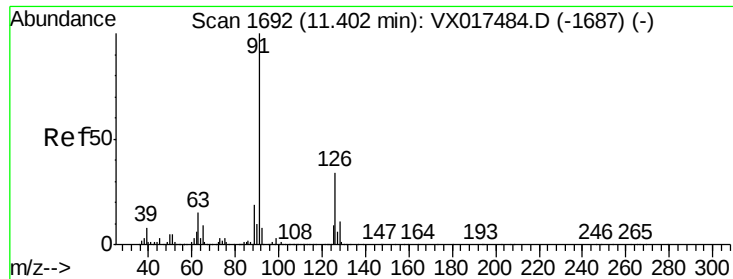
120 23.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.950 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

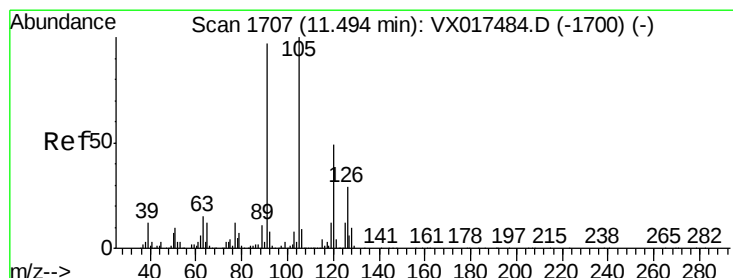
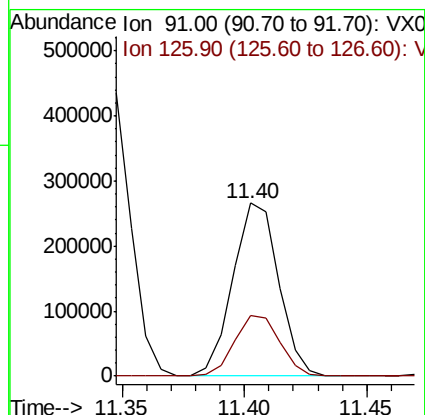
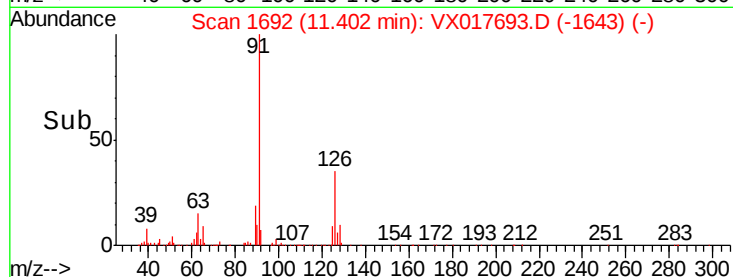
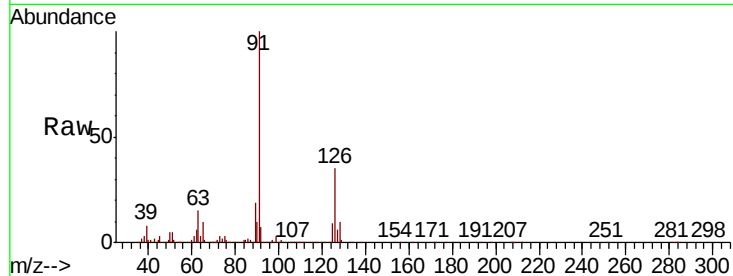
VX0731WBS01

Tot Ion: 91 Resp: 345620

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 18.386 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017693.D

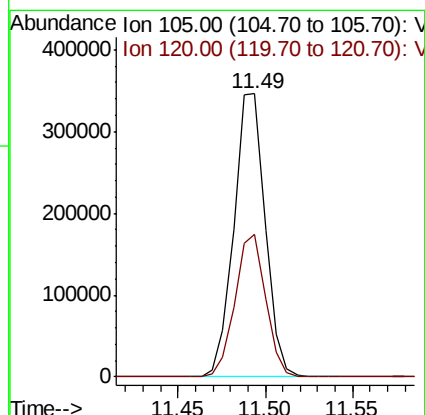
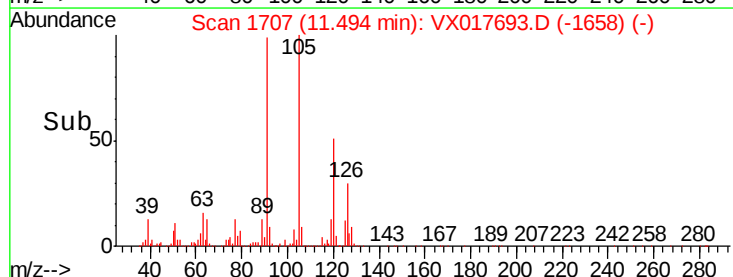
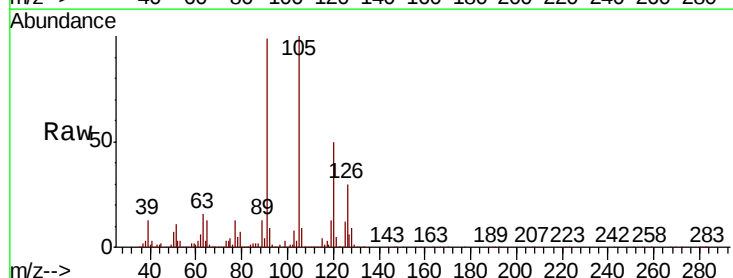
Acq: 31 Jul 2020 11:57

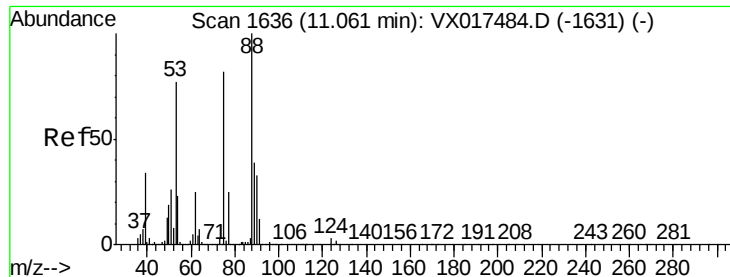
Tgt Ion: 105 Resp: 432614

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.338 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

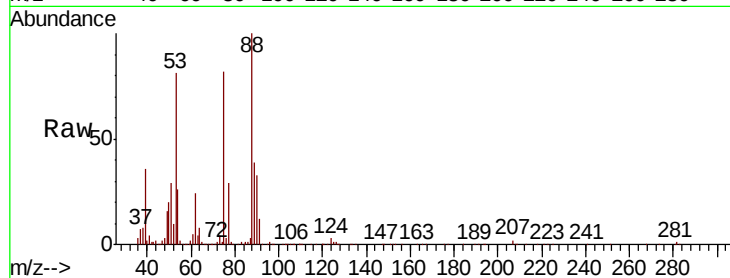
Tot Ion: 75 Resp: 56860

Ion Ratio Lower Upper

75 100

53 97.4 75.9 113.9

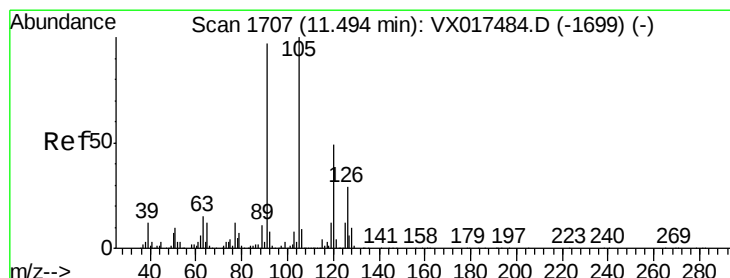
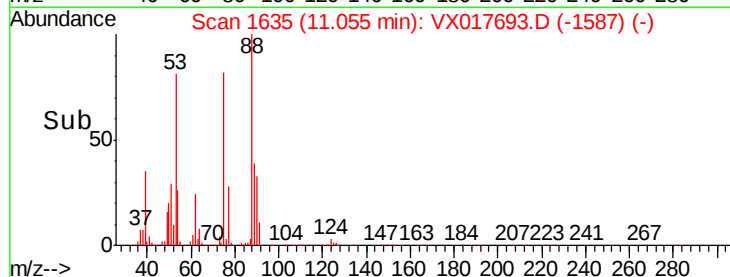
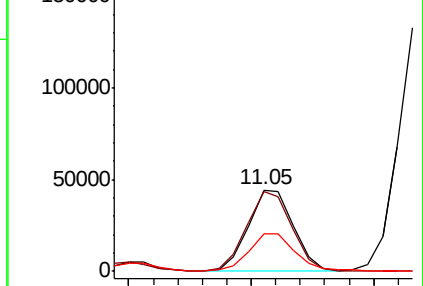
89 49.2 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.123 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017693.D

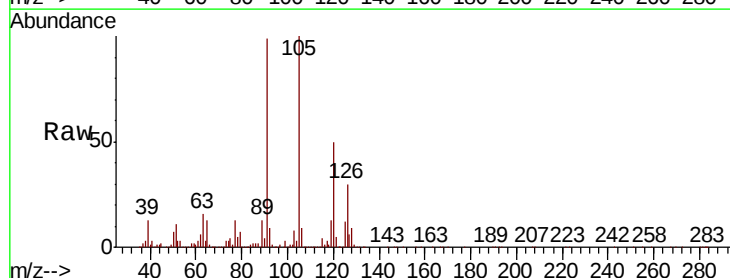
Acq: 31 Jul 2020 11:57

Tgt Ion: 91 Resp: 411608

Ion Ratio Lower Upper

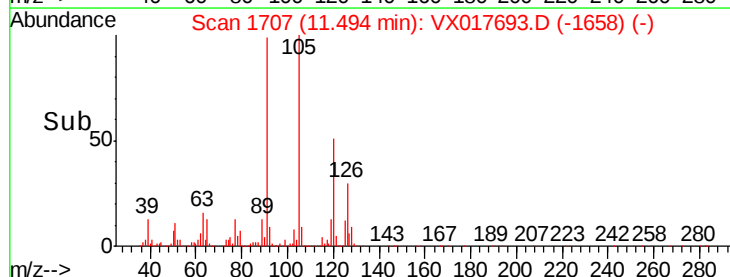
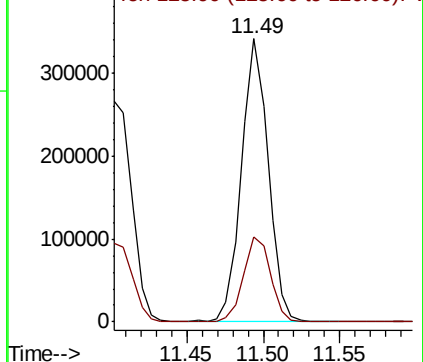
91 100

126 30.8 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

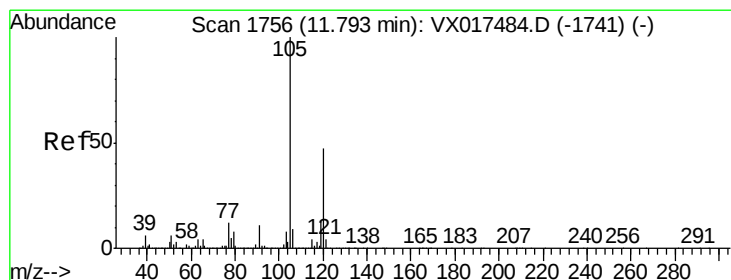
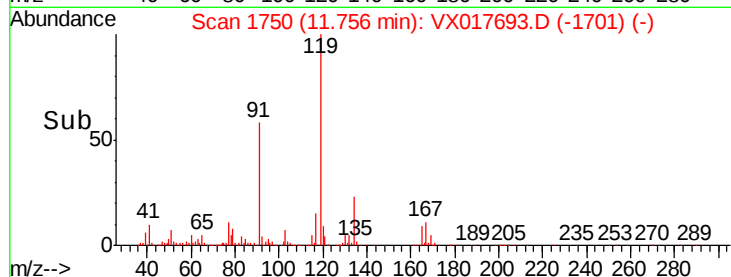
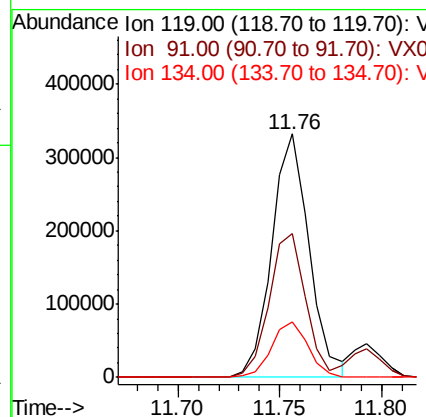
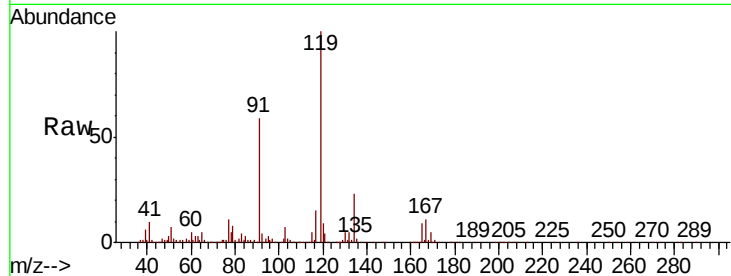




#83
 tert-Butylbenzene
 Concen: 18.807 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

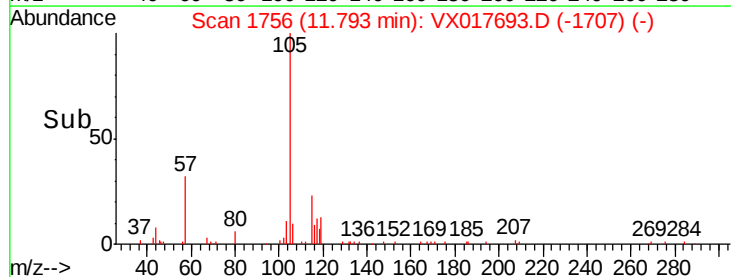
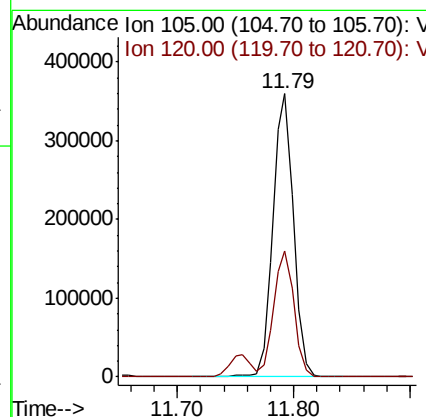
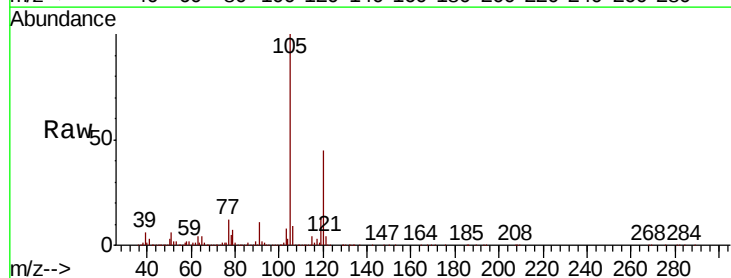
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

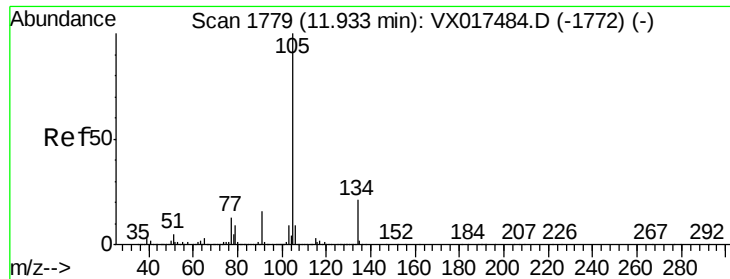
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	29.3	88.0
134	22.3	11.2	33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.863 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.7	68.0

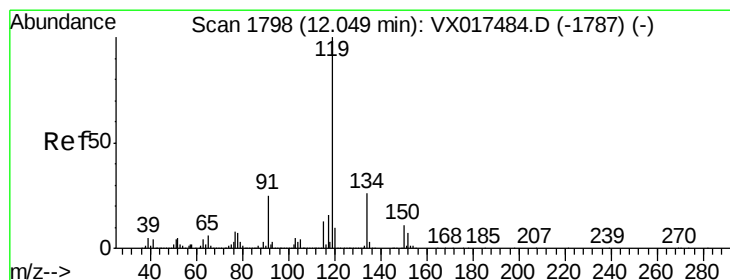
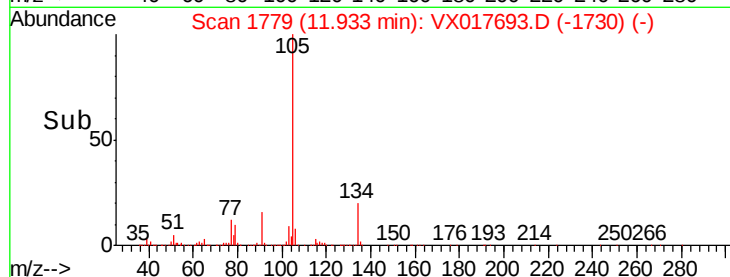
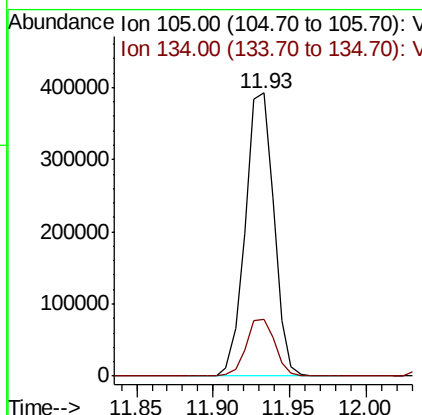
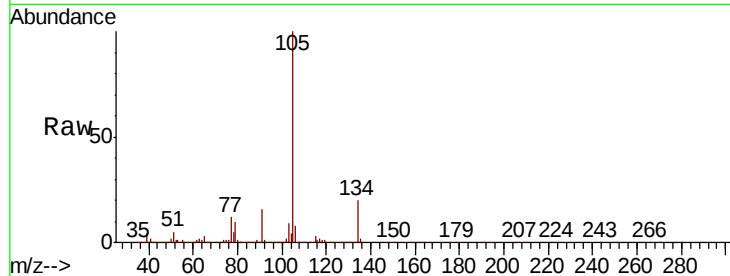




#85
 sec-Butylbenzene
 Concen: 19.403 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

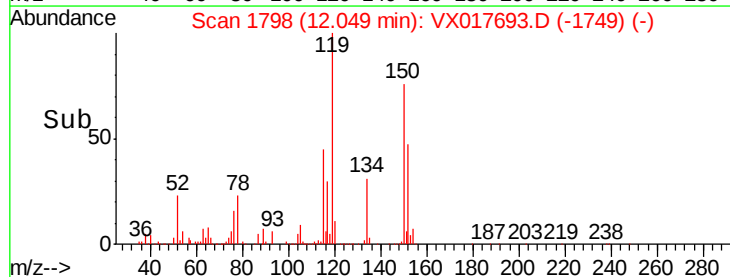
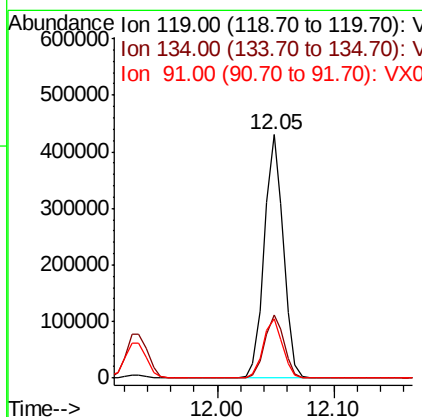
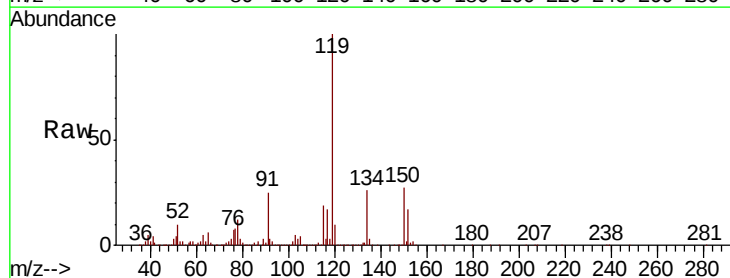
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

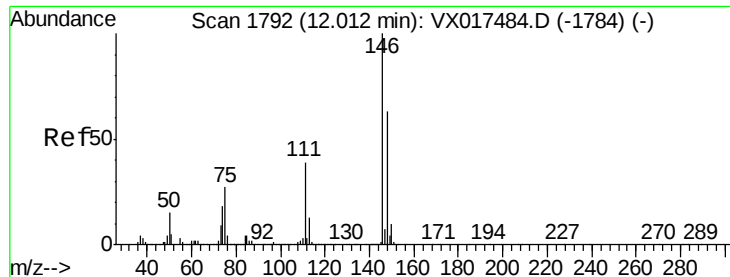
Tot Ion:105 Resp: 508896
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.743 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion:119 Resp: 493124
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 24.7 12.1 36.3

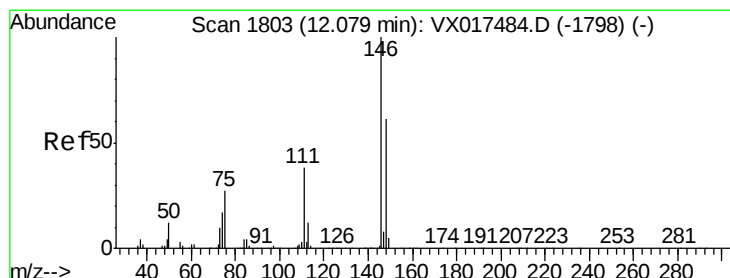
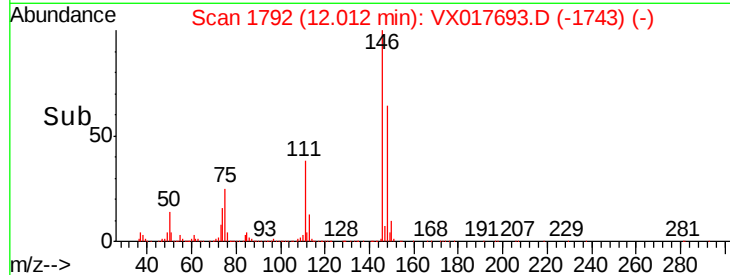
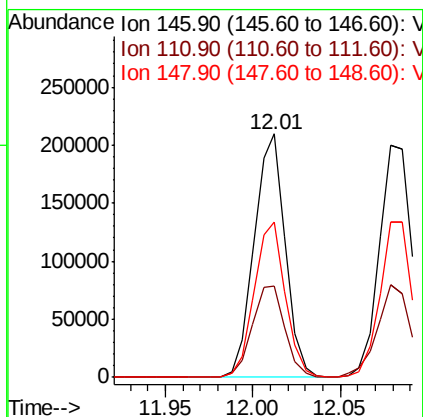
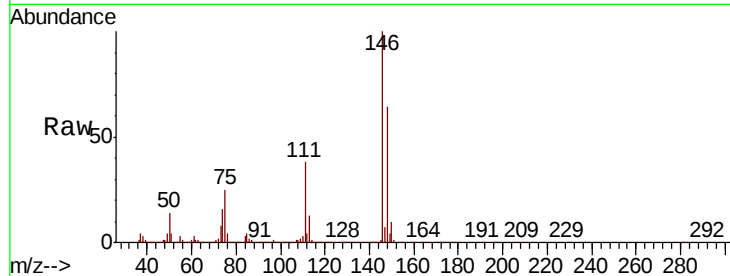




#87
 1,3-Dichlorobenzene
 Concen: 19.706 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

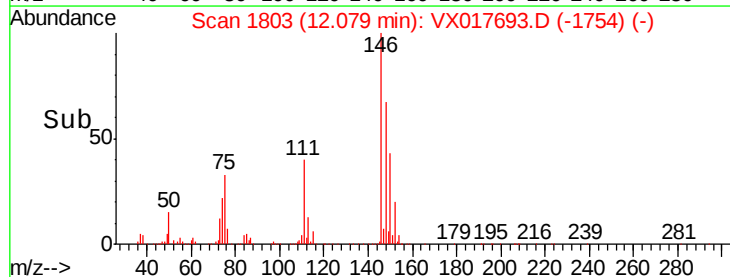
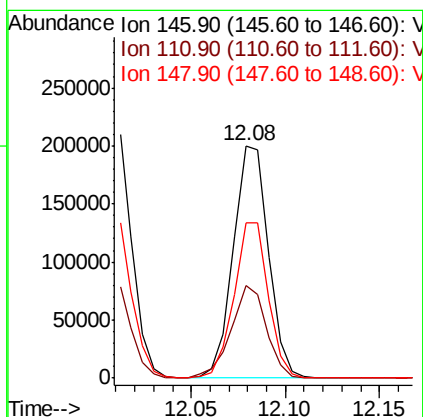
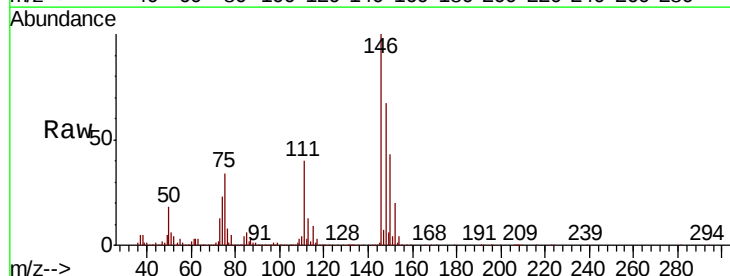
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

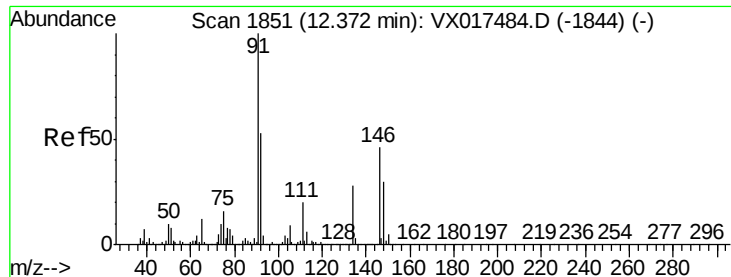
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	63.9	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.841 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.3	57.8
148	65.8	32.2	96.6





#89

n-Butylbenzene

Concen: 18.278 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

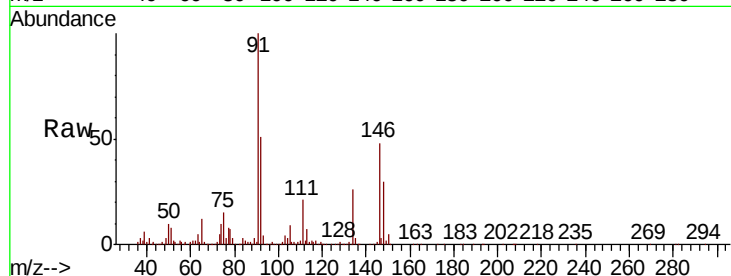
Tot Ion: 91 Resp: 406797

Ion Ratio Lower Upper

91 100

92 51.9 26.7 80.1

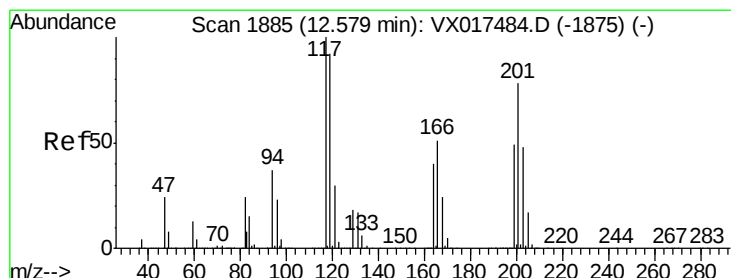
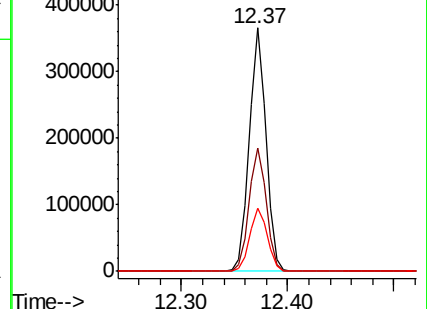
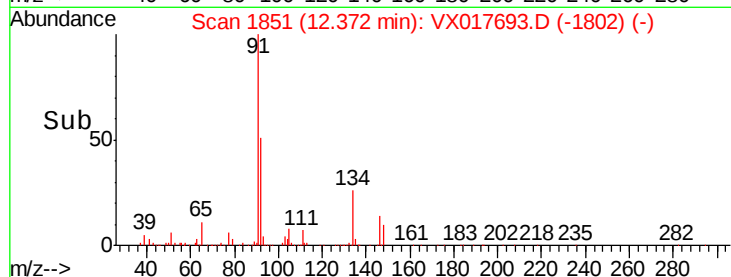
134 27.3 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX017484.D (-1844) (-)

Ion 92.00 (91.70 to 92.70): VX017484.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX017484.D (-1844) (-)



#90

Hexachloroethane

Concen: 18.035 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017693.D

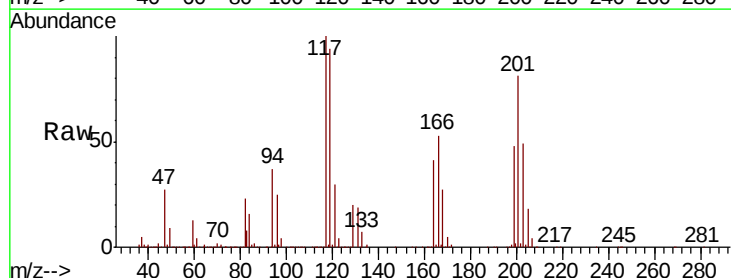
Acq: 31 Jul 2020 11:57

Tgt Ion: 117 Resp: 88807

Ion Ratio Lower Upper

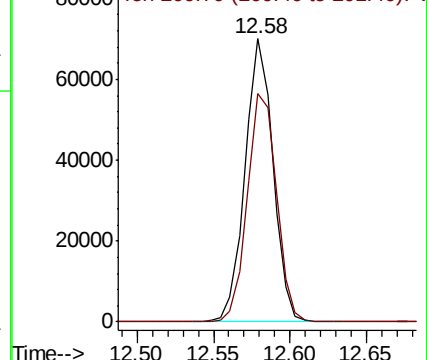
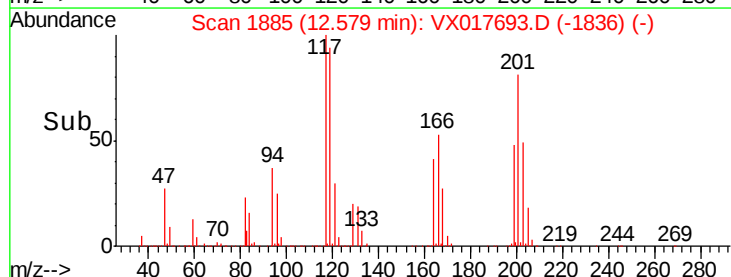
117 100

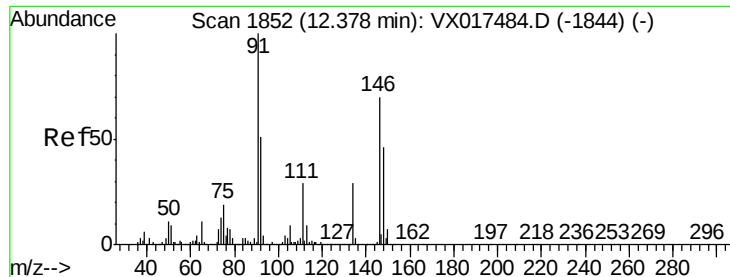
201 84.2 42.2 126.6



Abundance Ion 116.80 (116.50 to 117.50): VX017484.D (-1875) (-)

Ion 200.70 (200.40 to 201.40): VX017484.D (-1875) (-)





#91

1,2-Dichlorobenzene

Concen: 18.514 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

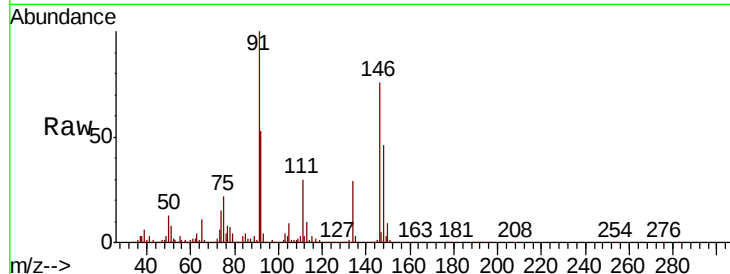
Tot Ion:146 Resp: 241075

Ion Ratio Lower Upper

146 100

111 40.6 20.9 62.8

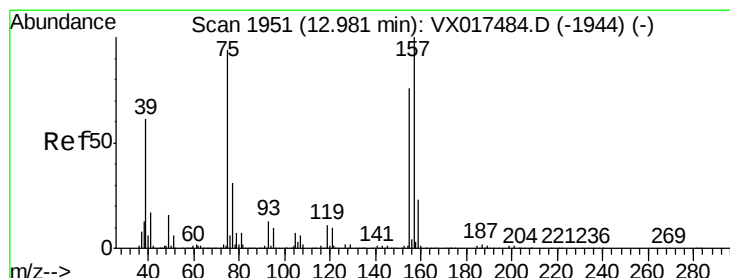
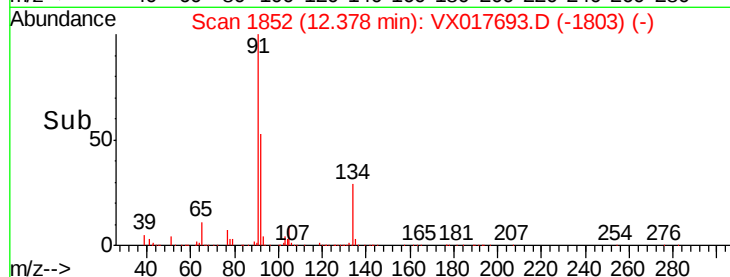
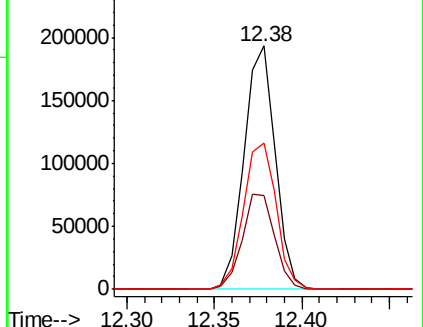
148 63.4 32.8 98.4



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: 17.991 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

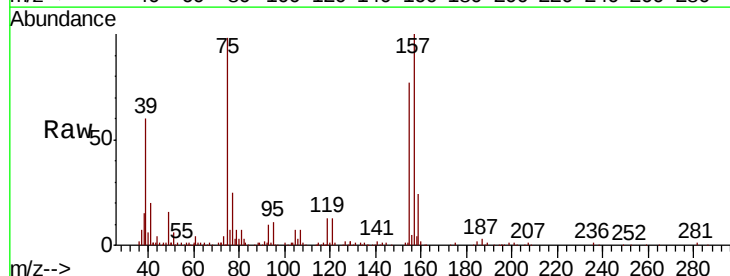
Tgt Ion: 75 Resp: 39535

Ion Ratio Lower Upper

75 100

155 84.5 42.3 126.8

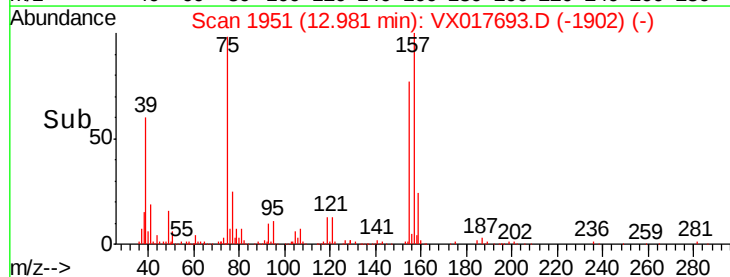
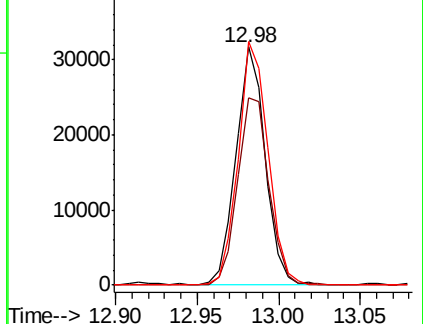
157 104.1 54.3 162.9

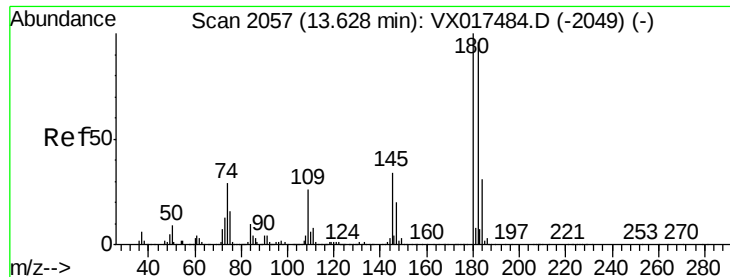


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

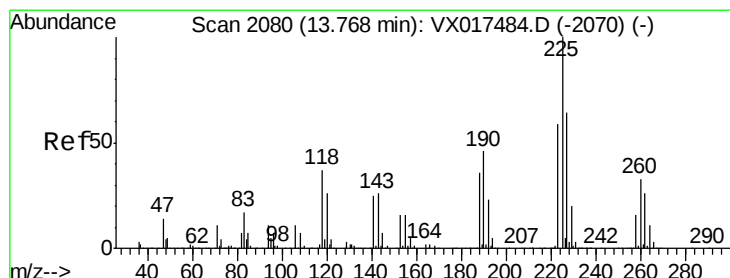
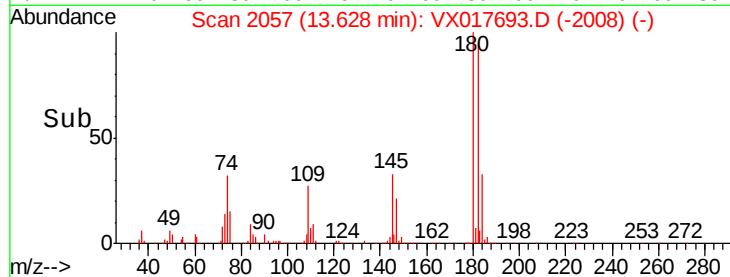
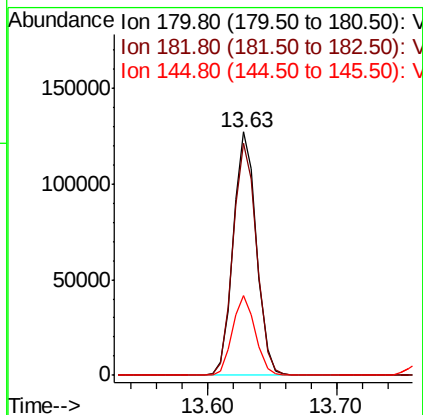
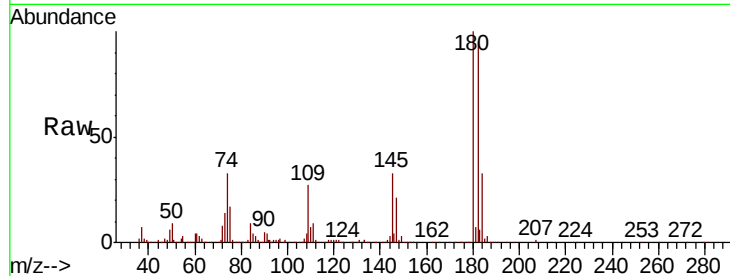




#93
 1,2,4-Trichlorobenzene
 Concen: 17.933 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

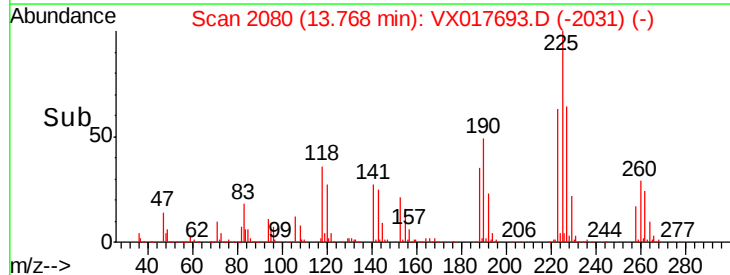
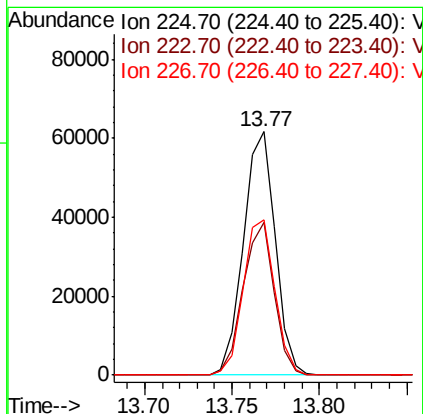
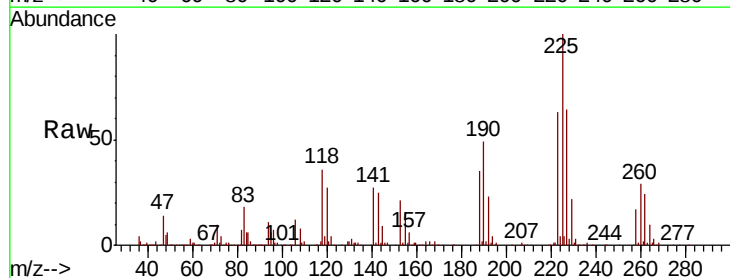
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

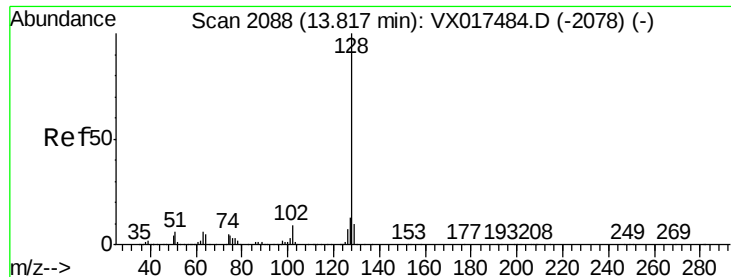
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.5	142.6
145	32.4	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 19.093 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	30.3	90.9
227	63.1	31.1	93.2





#95

Naphthalene

Concen: 18.126 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

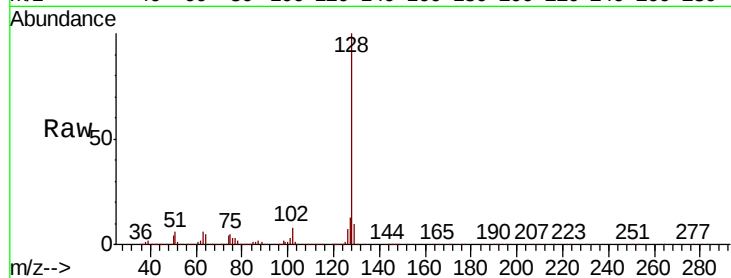
Tot Ion:128 Resp: 480869

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

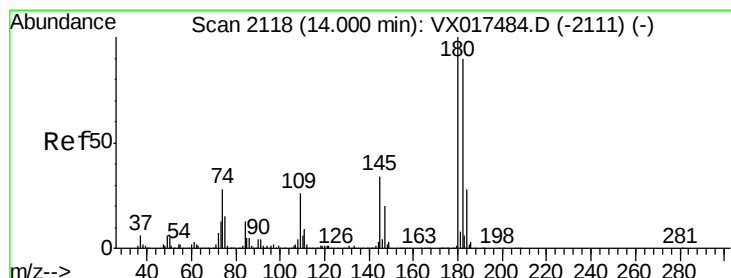
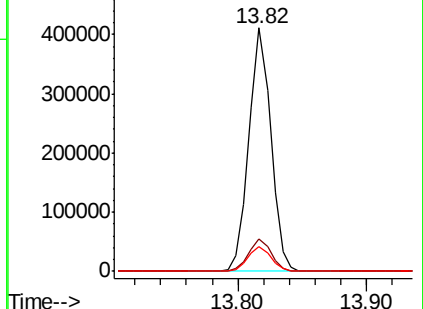
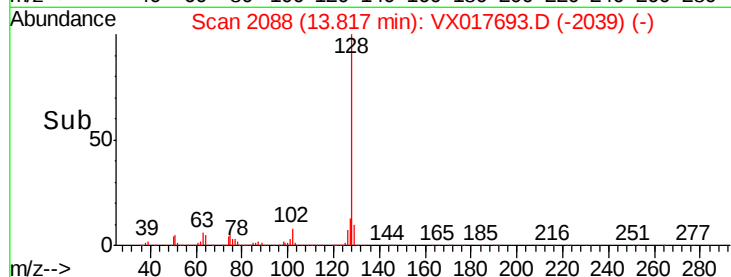
129 10.6 8.9 13.3



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: 18.898 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

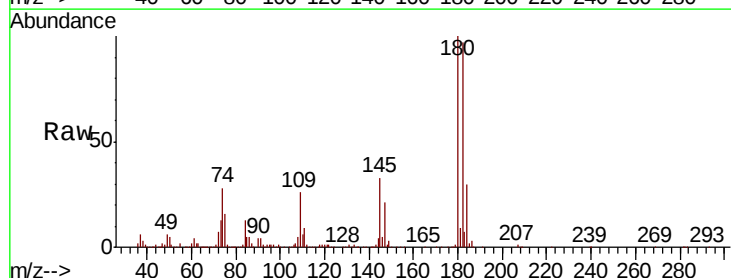
Tgt Ion:180 Resp: 165828

Ion Ratio Lower Upper

180 100

182 96.4 47.4 142.3

145 32.7 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

