

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072420\
 Data File : VX017538.D
 Acq On : 24 Jul 2020 13:28
 Operator : JC/SP
 Sample : L3362-05 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1754

Quant Time: Jul 25 01:49:03 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	468633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	748097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	809573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	445804	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	317519	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	
35) Dibromofluoromethane	5.47	113	259270	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
50) Toluene-d8	8.70	98	953874	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	11.12	95	413480	57.24	ug/l	0.00
Spiked Amount			Recovery	=	114.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	371	Below Cal		82
3) Chloromethane	1.32	50	820	0.507 ug/l #		1
5) Bromomethane	1.64	94	1108	Below Cal #		37
6) Chloroethane	1.71	64	532	Below Cal #		44
8) Diethyl Ether	2.17	74	12228	2.780 ug/l #		1
11) Tert butyl alcohol	3.01	59	10746	8.470 ug/l #		72
13) Acrolein	2.25	56	7759	12.026 ug/l #		1
16) Acetone	2.42	43	2640848	996.725 ug/l		99
17) Carbon Disulfide	2.55	76	3044	0.207 ug/l #		90
18) Methyl Acetate	2.82	43	27554	4.416 ug/l #		55
19) Methyl tert-butyl Ether	3.17	73	141135	8.424 ug/l #		47
20) Methylene Chloride	2.84	84	3027	Below Cal #		56
22) Diisopropyl ether	3.82	45	74285	4.597 ug/l #		87
23) Vinyl Acetate	3.82	43	38199	2.651 ug/l #		72
25) 2-Butanone	4.65	43	13496	3.586 ug/l		96
29) Tetrahydrofuran	5.10	42	628	0.269 ug/l #		12
31) Cyclohexane	5.56	56	89484	12.053 ug/l		89
36) 1,1-Dichloropropene	5.63	75	35125	4.896 ug/l #		41
37) Ethyl Acetate	4.80	43	6326	0.806 ug/l #		86
38) Carbon Tetrachloride	5.63	117	46604	5.349 ug/l #		18
39) Methylcyclohexane	7.44	83	76324	9.112 ug/l		96
40) Benzene	6.12	78	2527996	122.896 ug/l		98
42) 1,2-Dichloroethane	6.12	62	26419	3.139 ug/l #		77
43) Isopropyl Acetate	6.40	43	9468	0.731 ug/l #		29
44) Trichloroethene	7.19	130	1891	0.315 ug/l		62
48) Methyl methacrylate	7.71	41	6739	1.050 ug/l #		43
49) 1,4-Dioxane	7.73	88	958	7.782 ug/l #		40
51) 4-Methyl-2-Pentanone	8.70	43	3326	0.430 ug/l #		1
52) Toluene	8.77	92	7225378	547.708 ug/l		97
53) t-1,3-Dichloropropene	8.77	75	92762	10.219 ug/l #		1
56) Ethyl methacrylate	9.15	69	2671	0.323 ug/l #		31
59) 2-Hexanone	9.48	43	1493	0.257 ug/l		68
67) Ethyl Benzene	10.24	91	1432528	48.973 ug/l		99
68) m/p-Xylenes	10.34	106	1720493	151.828 ug/l		97

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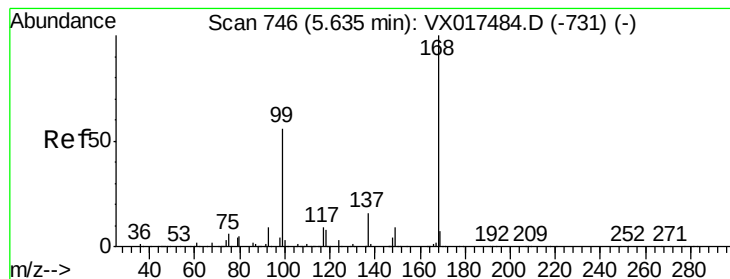
Instrument :
 MSVOA_X
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Quant Time: Jul 25 01:49:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) o-Xylene	10.68	106	834316	76.552	ug/l	98
70) Styrene	10.68	104	47264	2.549	ug/l #	1
73) Isopropylbenzene	11.00	105	64600	2.112	ug/l	97
76) 1,2,3-Trichloropropane	11.41	75	10046	1.095	ug/l #	1
78) n-propylbenzene	11.35	91	215662	6.252	ug/l	100
79) 2-Chlorotoluene	11.42	91	128660	6.021	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	289453	11.085	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	211356	58.075	ug/l #	11
82) 4-Chlorotoluene	11.49	91	34209	1.357	ug/l #	47
83) tert-Butylbenzene	11.79	119	151732	6.073	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.79	105	1247321	48.026	ug/l	100
85) sec-Butylbenzene	11.79	105	1247321	42.854	ug/l #	55
86) p-Isopropyltoluene	12.01	119	21105	0.761	ug/l	97
89) n-Butylbenzene	12.36	91	47627	1.928	ug/l #	28
90) Hexachloroethane	12.57	117	10051	1.839	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.96	75	1188	2.994	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.63	180	2085	0.211	ug/l #	38
95) Naphthalene	13.82	128	485937	16.506	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: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

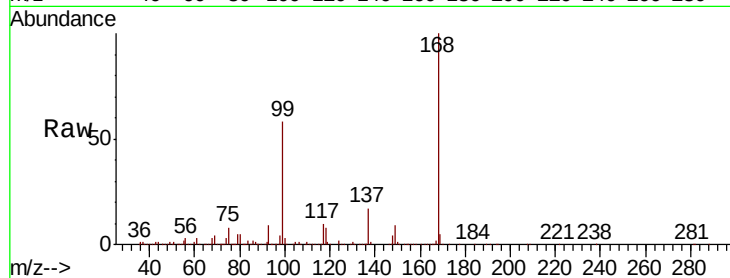
1754

Tot Ion:168 Resp: 468633

Ion Ratio Lower Upper

168 100

99 57.9 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

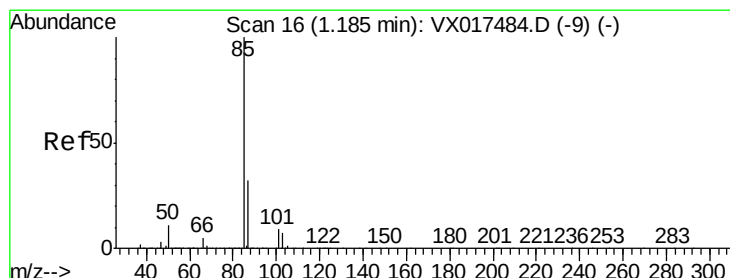
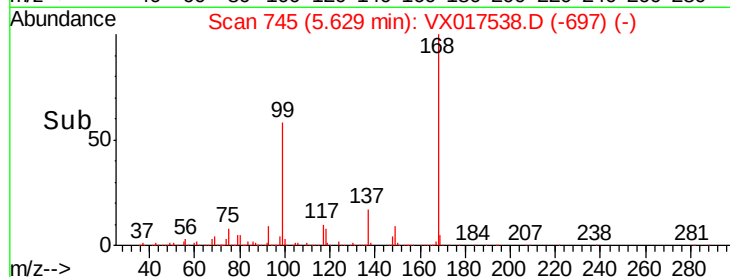
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017538.D

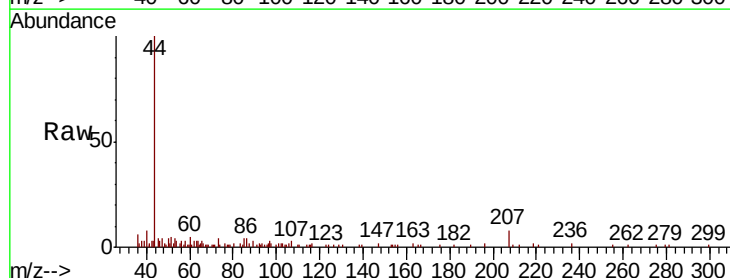
Acq: 24 Jul 2020 13:28

Tgt Ion: 85 Resp: 371

Ion Ratio Lower Upper

85 100

87 42.2 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

400

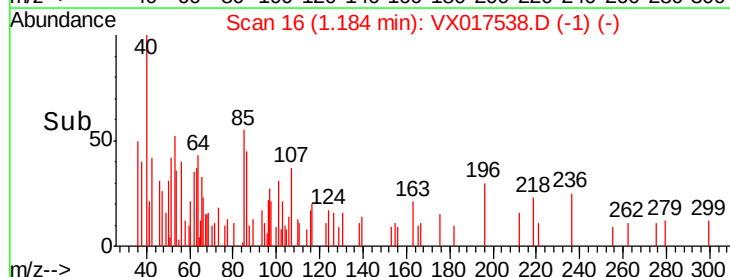
300

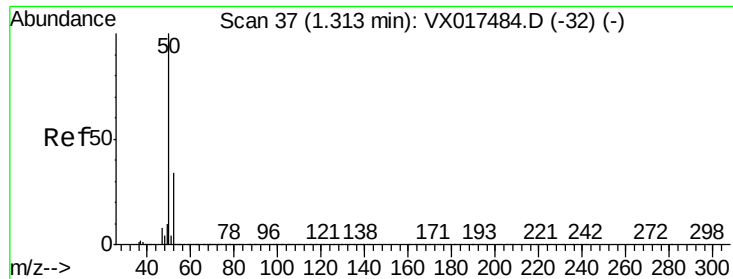
200

100

0

Time-->





#3

Chloromethane

Concen: 0.507 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

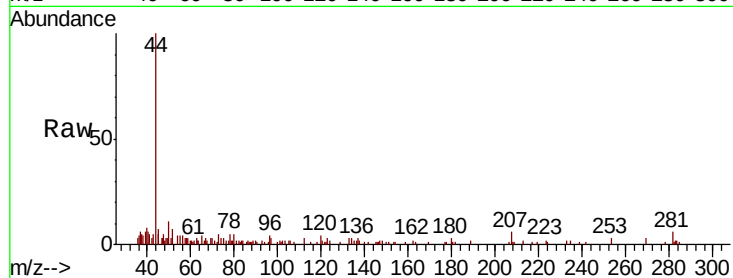
1754

Tot Ion: 50 Resp: 820

Ion Ratio Lower Upper

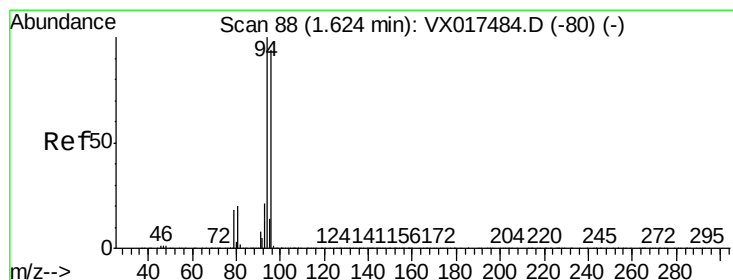
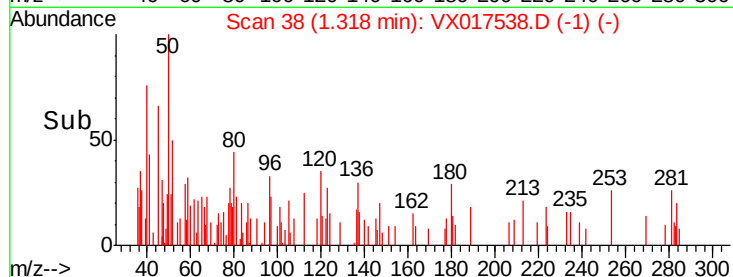
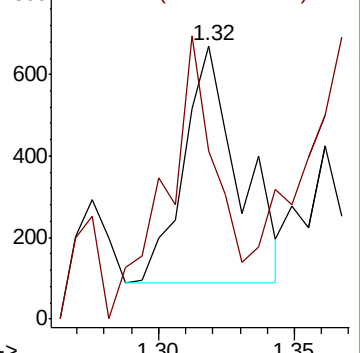
50 100

52 89.7 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017538.D

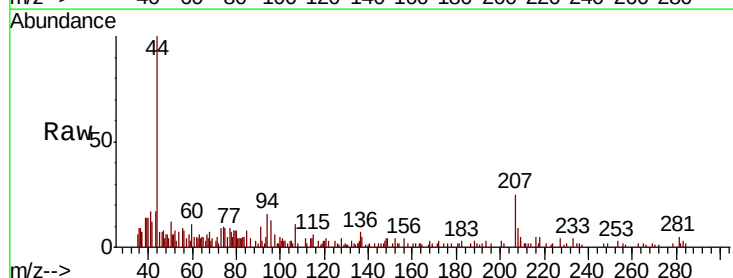
Acq: 24 Jul 2020 13:28

Tgt Ion: 94 Resp: 1108

Ion Ratio Lower Upper

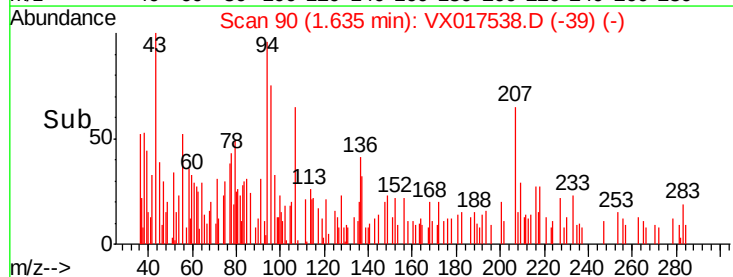
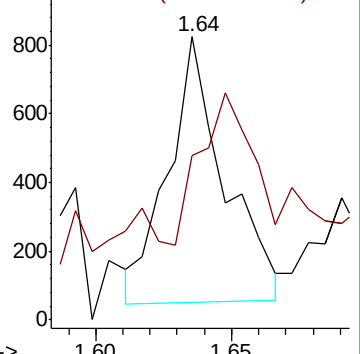
94 100

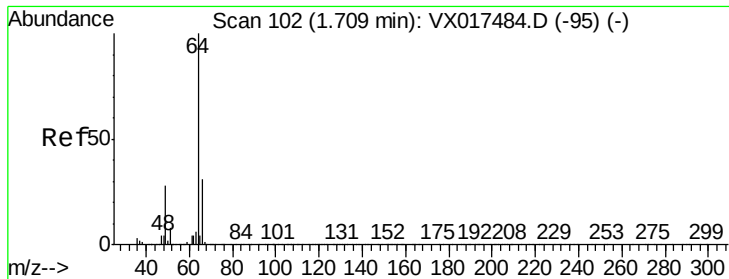
96 32.4 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampled :

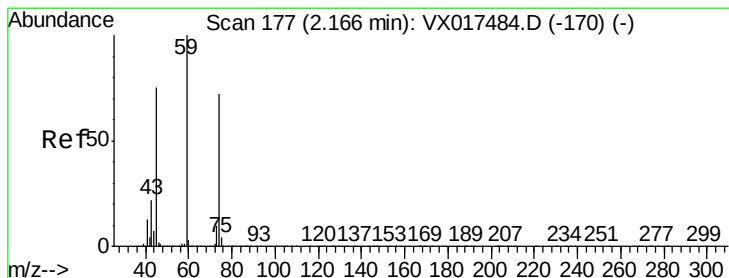
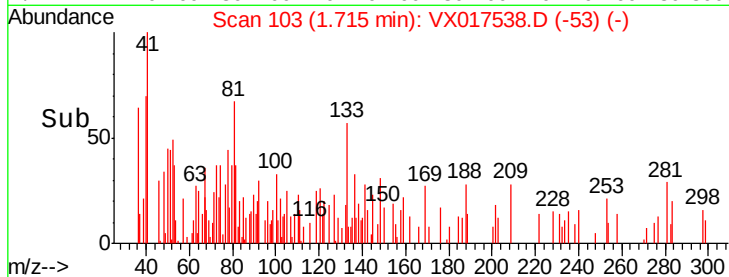
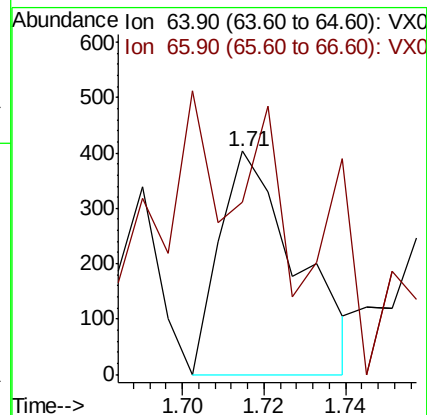
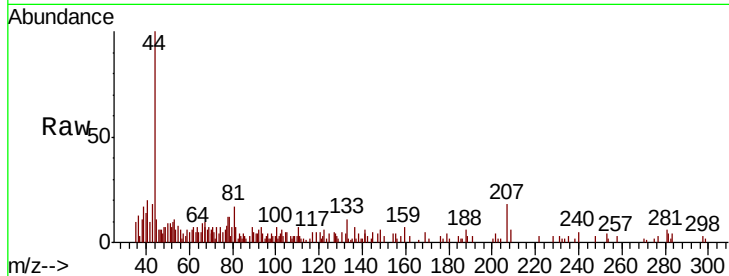
1754

Tot Ion: 64 Resp: 532

Ion Ratio Lower Upper

64 100

66 0.0 24.9 37.3#



#8

Diethyl Ether

Concen: 2.780 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX017538.D

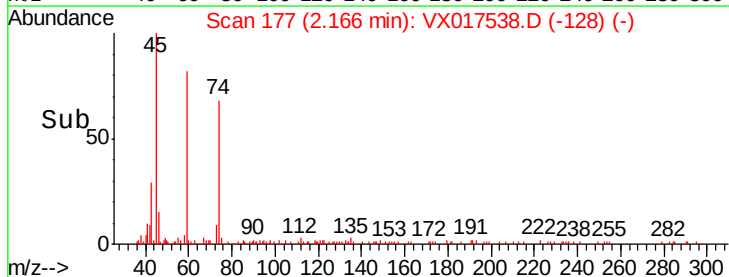
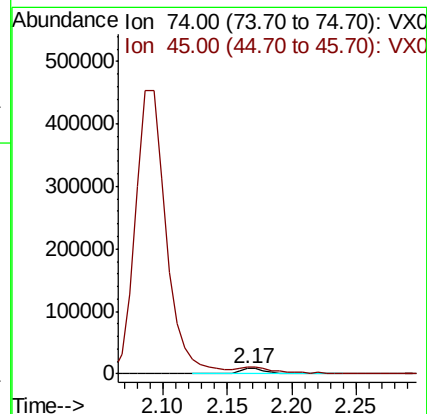
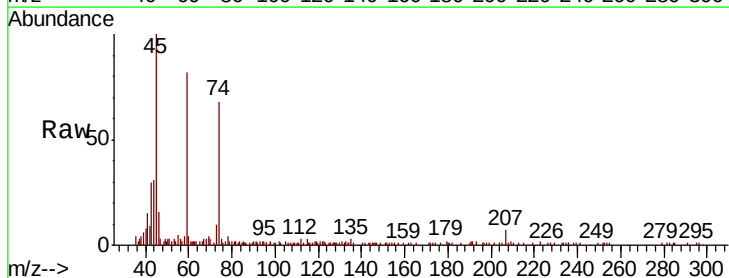
Acq: 24 Jul 2020 13:28

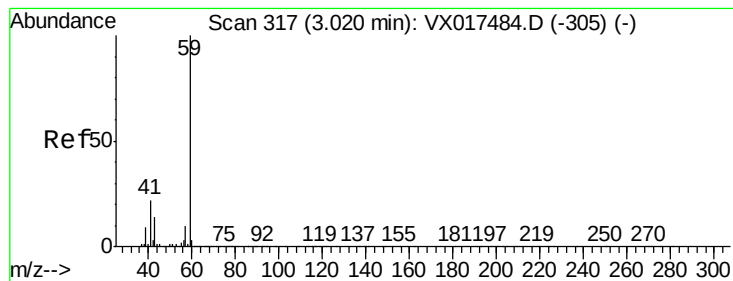
Tgt Ion: 74 Resp: 12228

Ion Ratio Lower Upper

74 100

45 0.0 50.8 152.5#



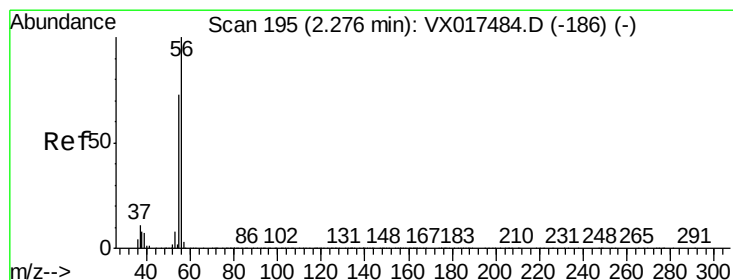
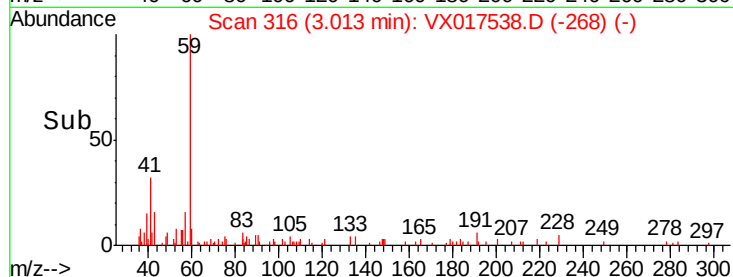
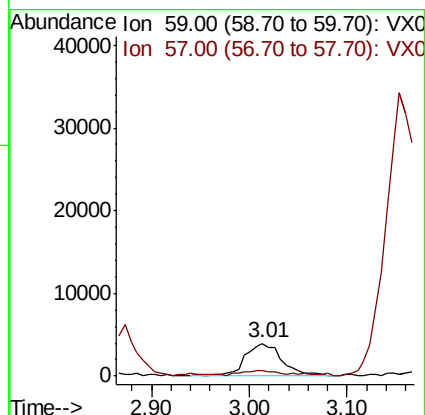
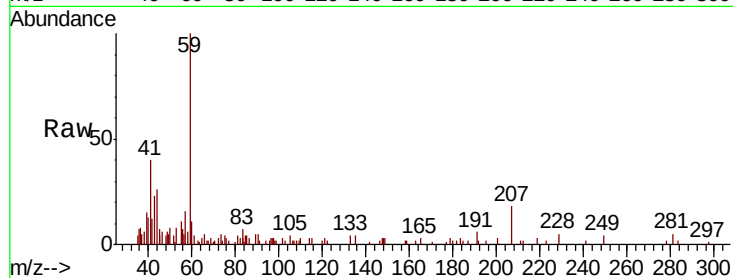


#11

Tert butyl alcohol
Concen: 8.470 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Instrument :
MSVOA_X
ClientSampleId :
1754

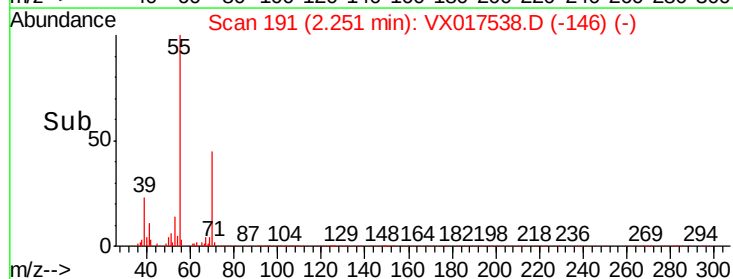
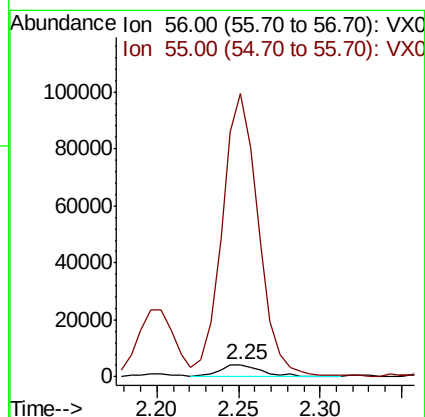
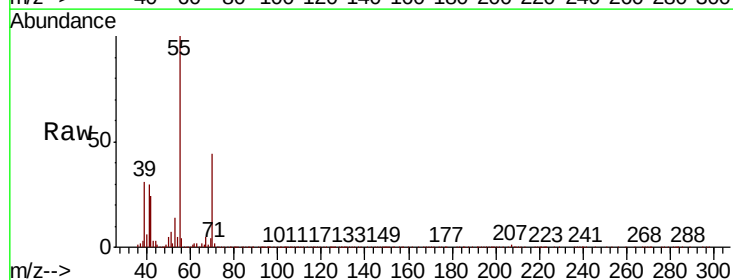
Tot Ion: 59 Resp: 10746
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

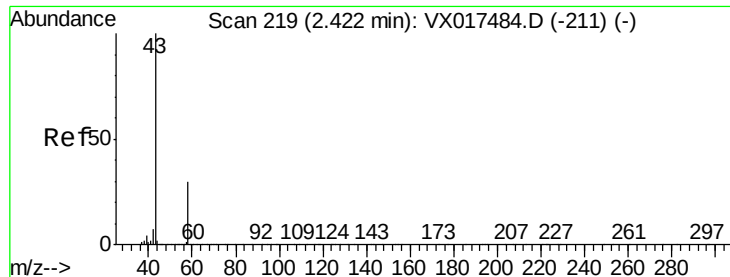


#13

Acrolein
Concen: 12.026 ug/l
RT: 2.25 min Scan# 191
Delta R.T. -0.02 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 56 Resp: 7759
Ion Ratio Lower Upper
56 100
55 1968.6 57.4 86.2#





#16

Acetone

Concen: 996.725 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

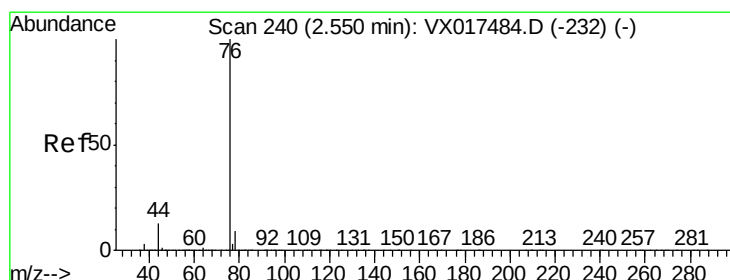
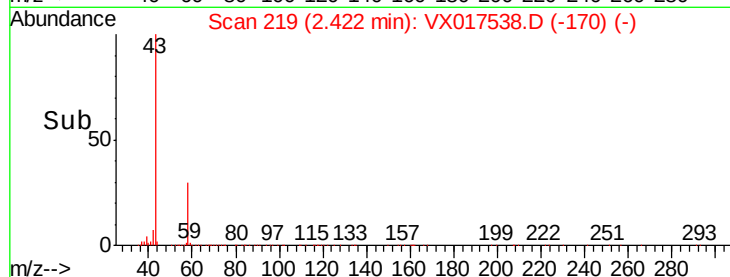
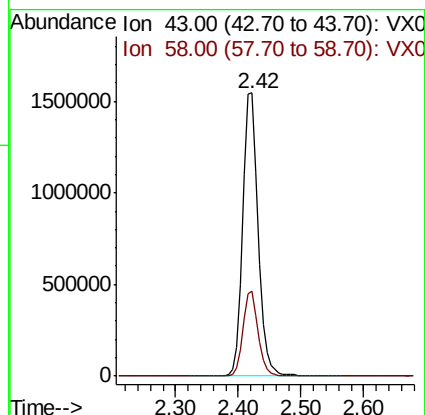
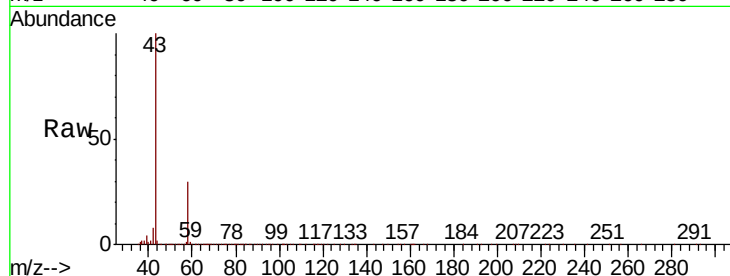
1754

Tot Ion: 43 Resp: 2640848

Ion Ratio Lower Upper

43 100

58 29.9 24.2 36.4



#17

Carbon Disulfide

Concen: 0.207 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017538.D

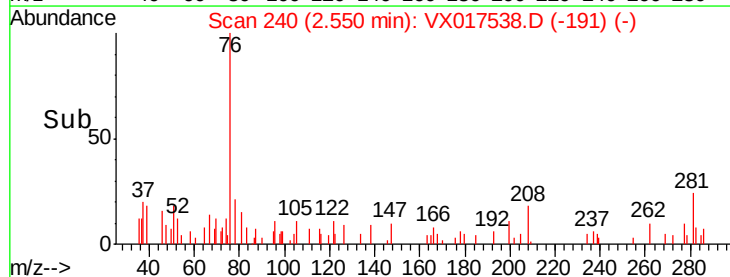
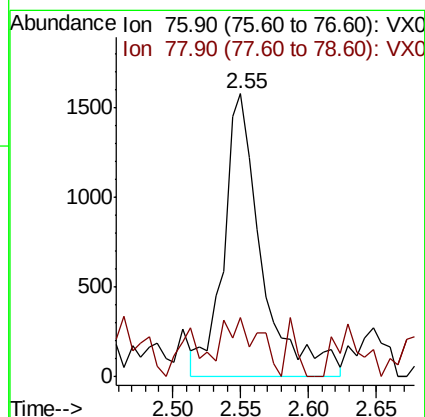
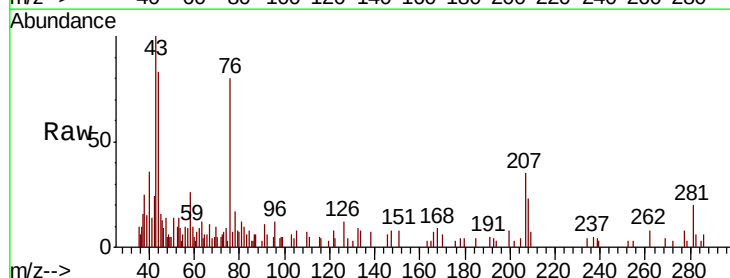
Acq: 24 Jul 2020 13:28

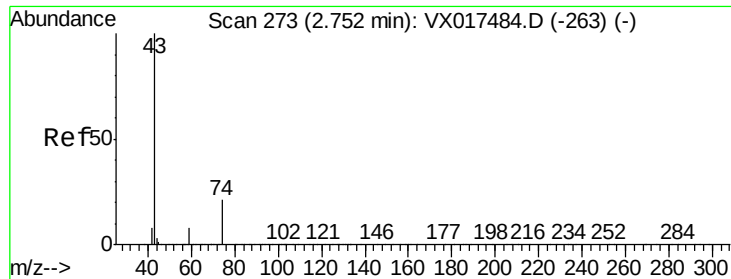
Tgt Ion: 76 Resp: 3044

Ion Ratio Lower Upper

76 100

78 13.0 7.5 11.3#

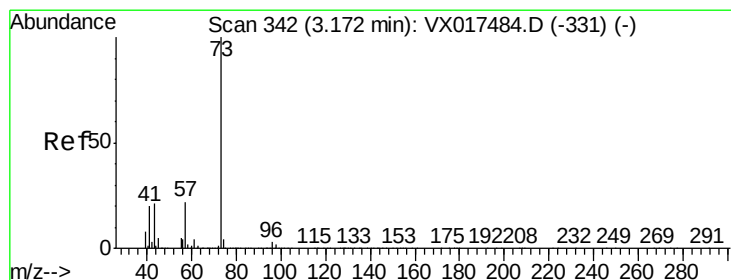
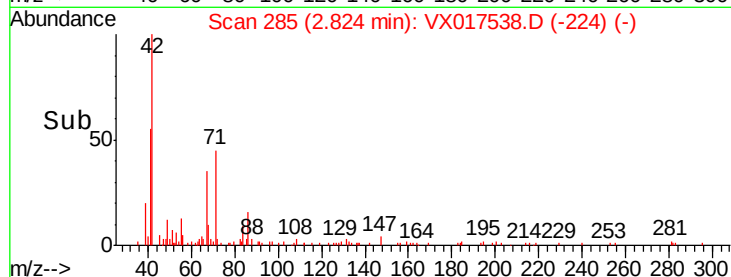
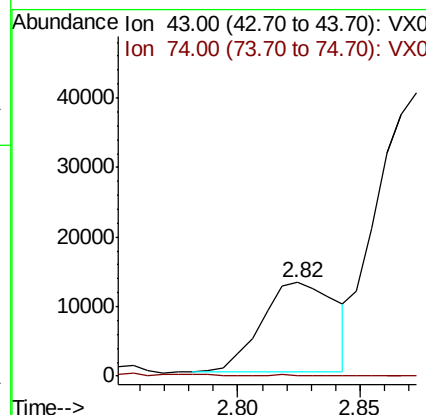
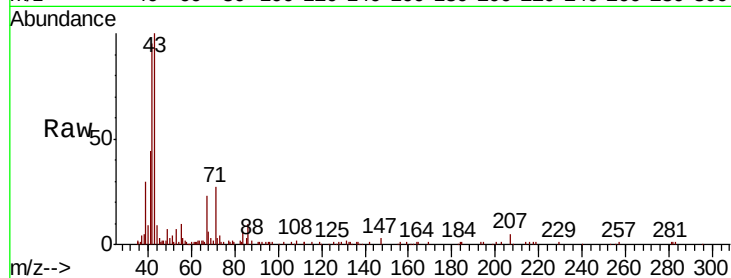




#18
Methyl Acetate
Concen: 4.416 ug/l
RT: 2.82 min Scan# 285
Delta R.T. 0.07 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

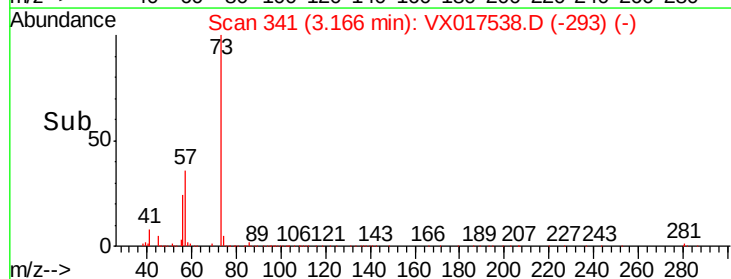
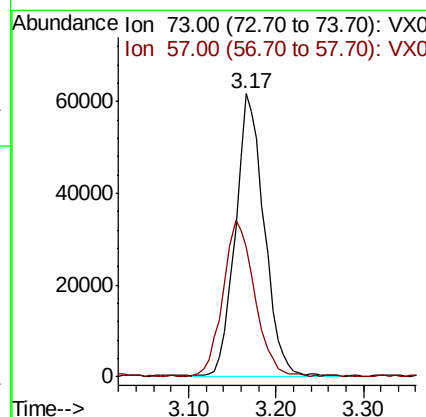
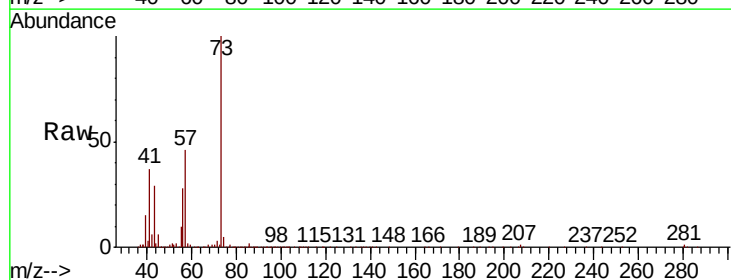
Instrument :
MSVOA_X
ClientSampleId :
1754

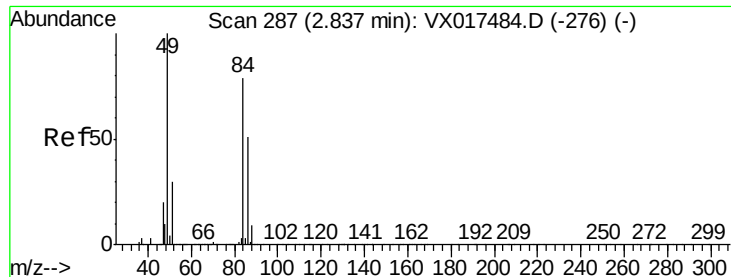
Tot Ion: 43 Resp: 27554
Ion Ratio Lower Upper
43 100
74 0.6 17.5 26.3#



#19
Methyl tert-butyl Ether
Concen: 8.424 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 73 Resp: 141135
Ion Ratio Lower Upper
73 100
57 45.9 17.0 25.4#

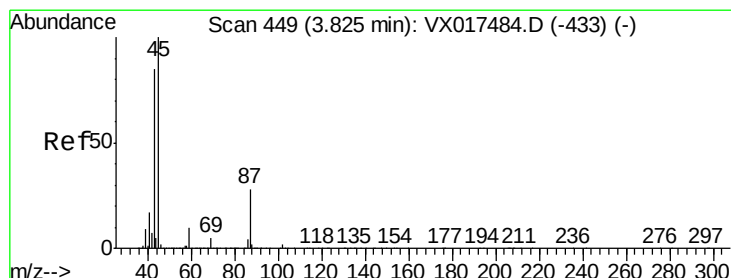
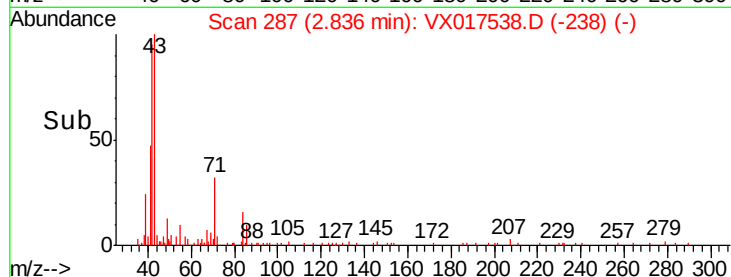
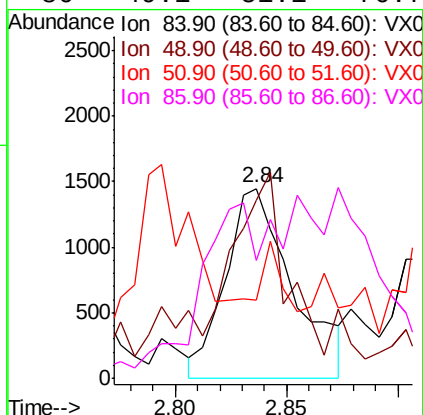
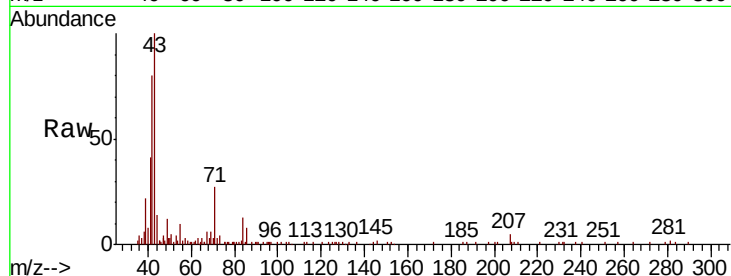




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

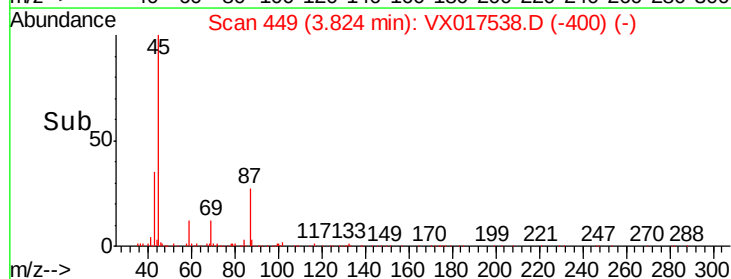
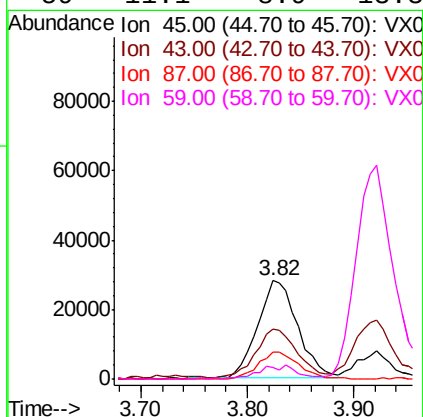
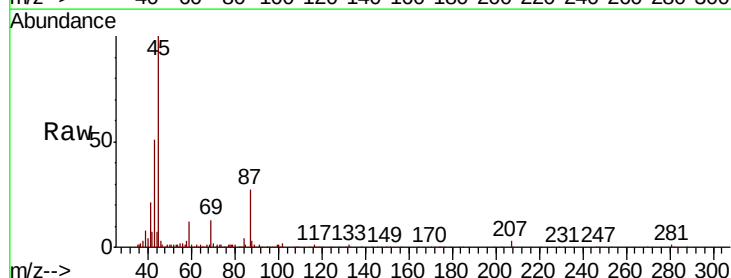
Instrument :
MSVOA_X
ClientSampleId :
1754

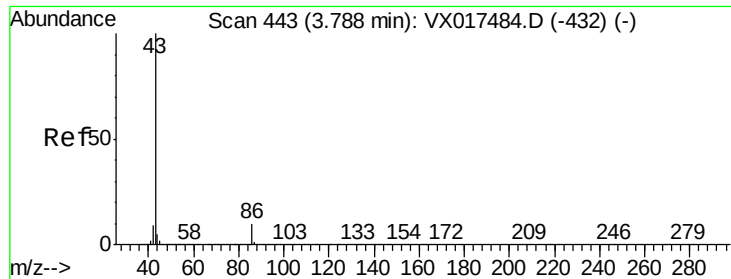
Tot Ion: 84 Resp: 3027
Ion Ratio Lower Upper
84 100
49 64.8 100.3 150.5#
51 4.5 30.5 45.7#
86 49.1 51.1 76.7#



#22
Diisopropyl ether
Concen: 4.597 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 45 Resp: 74285
Ion Ratio Lower Upper
45 100
43 48.8 52.0 78.0#
87 27.7 22.2 33.4
59 11.1 8.9 13.3





#23

Vinyl Acetate

Concen: 2.651 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.04 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

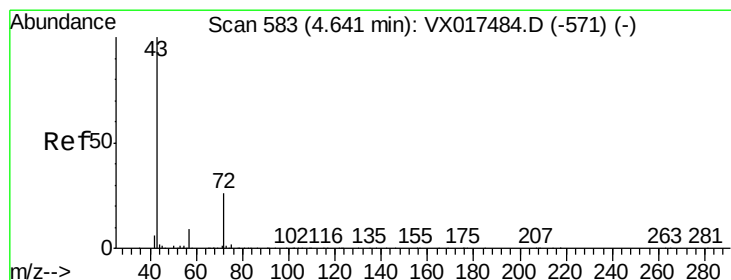
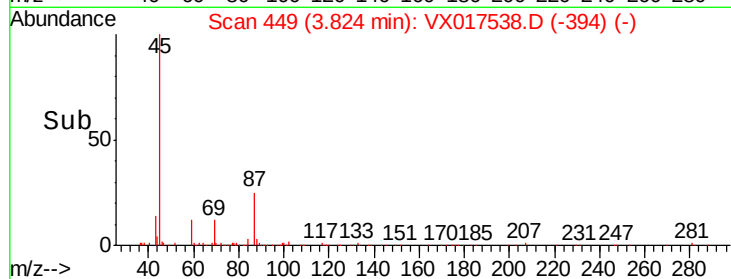
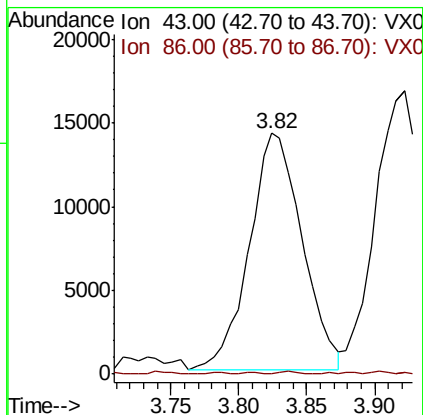
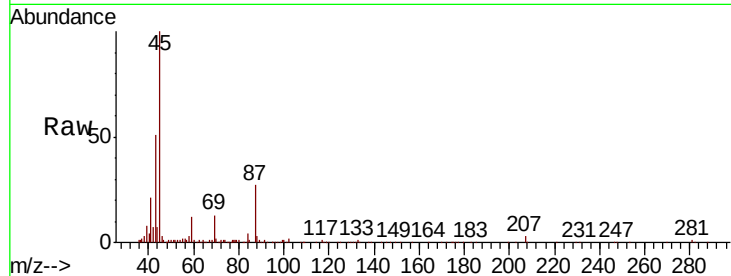
1754

Tot Ion: 43 Resp: 38199

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.4#



#25

2-Butanone

Concen: 3.586 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017538.D

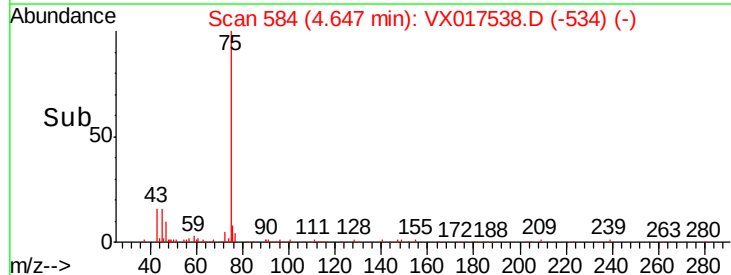
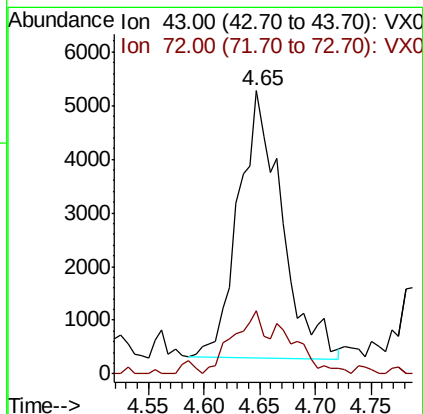
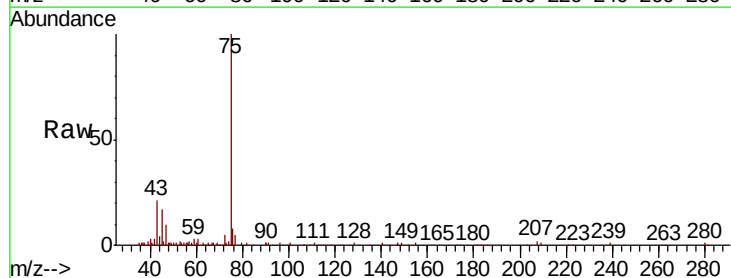
Acq: 24 Jul 2020 13:28

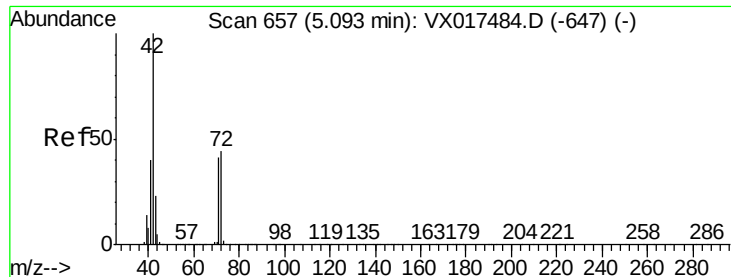
Tgt Ion: 43 Resp: 13496

Ion Ratio Lower Upper

43 100

72 21.8 19.0 28.4

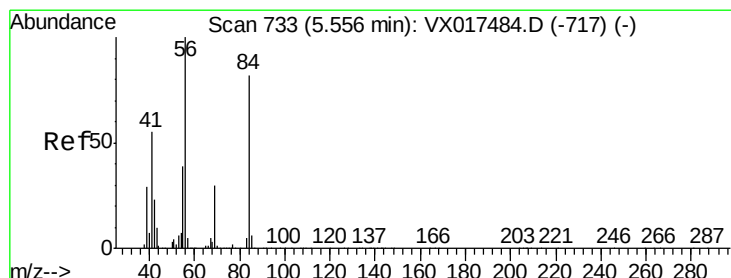
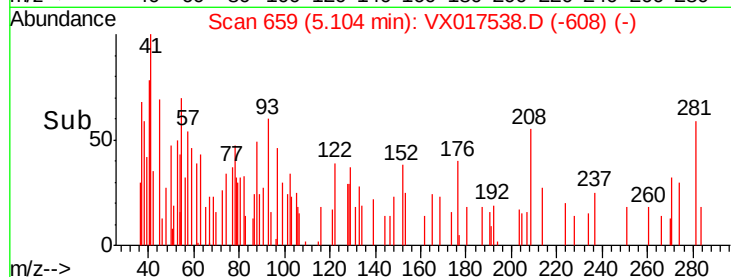
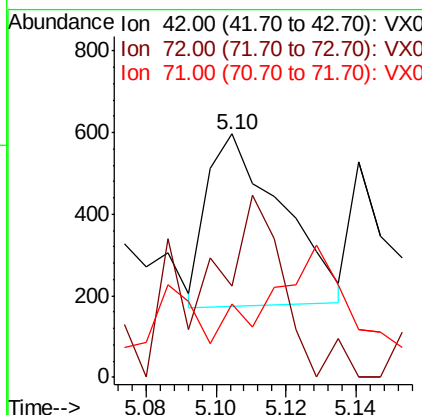
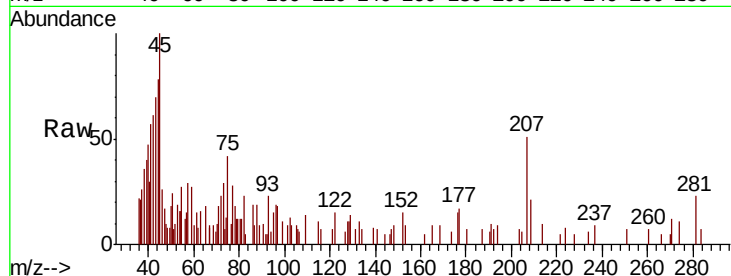




#29
Tetrahydrofuran
Concen: 0.269 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

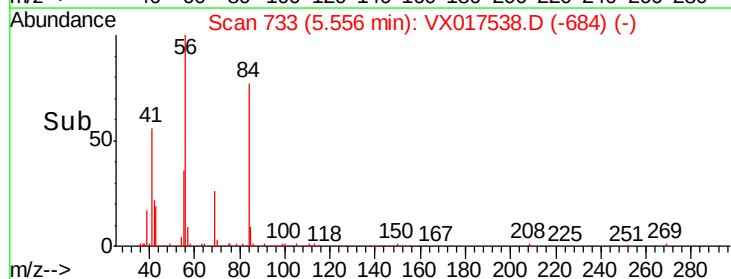
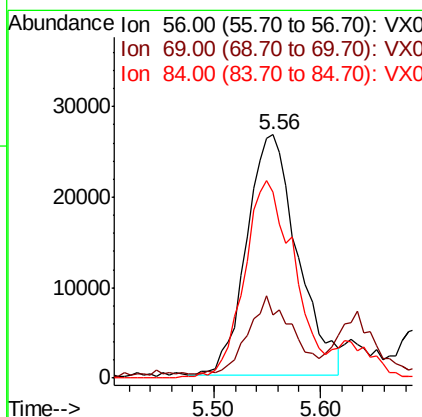
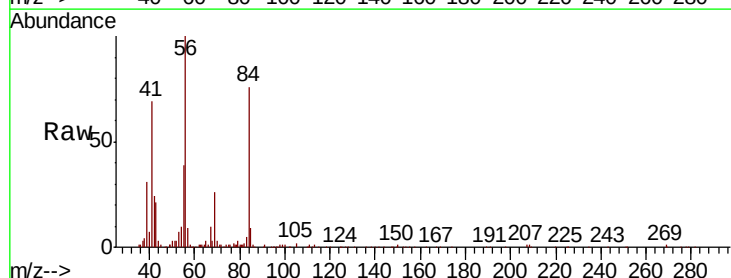
Instrument :
MSVOA_X
ClientSampled :
1754

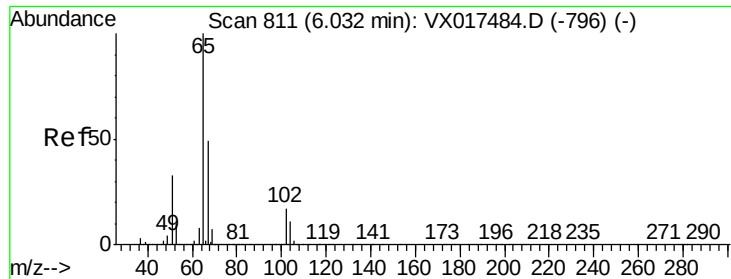
Tot Ion: 42 Resp: 628
Ion Ratio Lower Upper
42 100
72 115.0 35.5 53.3#
71 0.0 33.0 49.4#



#31
Cyclohexane
Concen: 12.053 ug/l
RT: 5.56 min Scan# 733
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 56 Resp: 89484
Ion Ratio Lower Upper
56 100
69 24.5 24.2 36.4
84 76.4 69.0 103.6

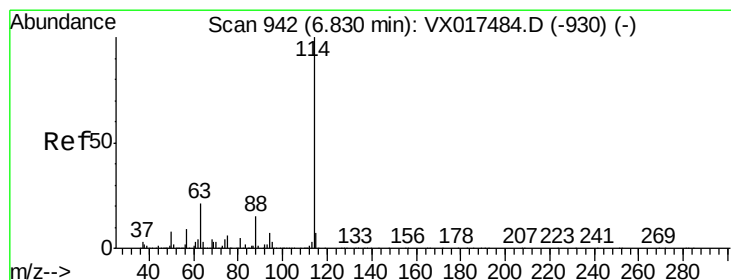
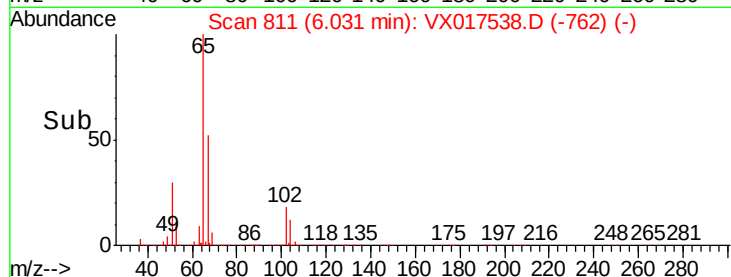
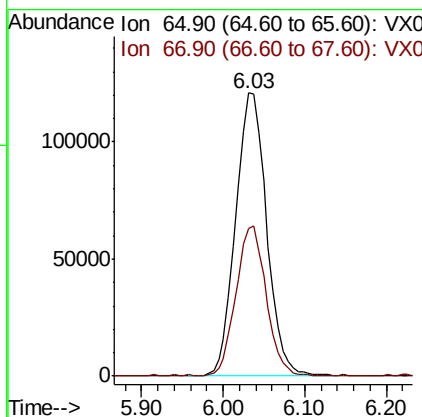
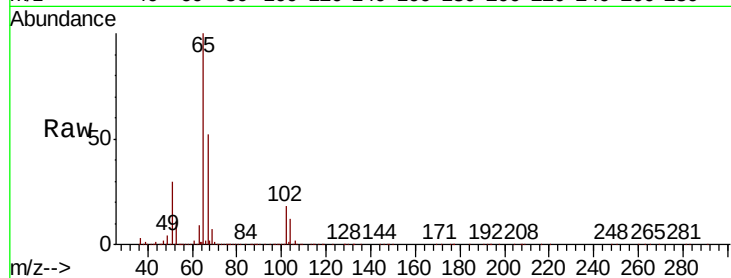




#33
 1,2-Dichloroethane-d4
 Concen: 52.746 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

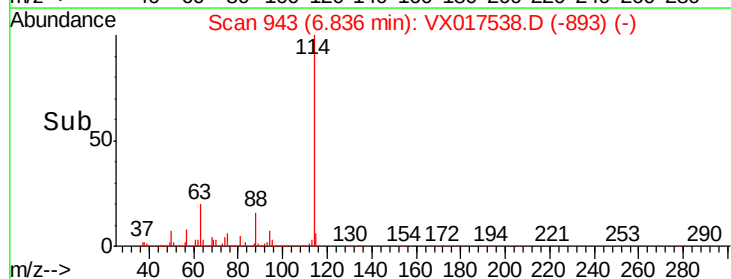
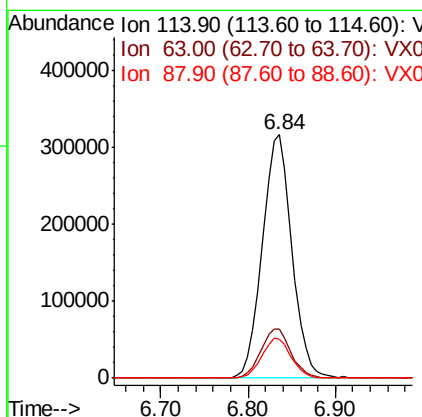
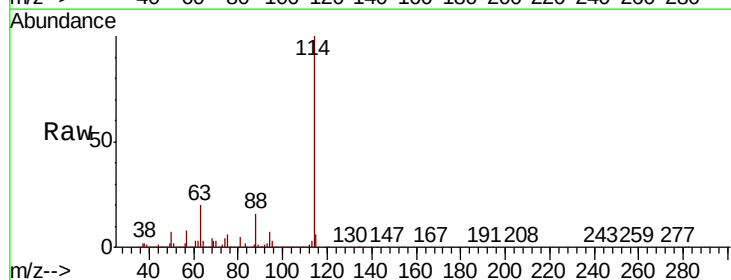
Instrument :
 MSVOA_X
 ClientSampled :
 1754

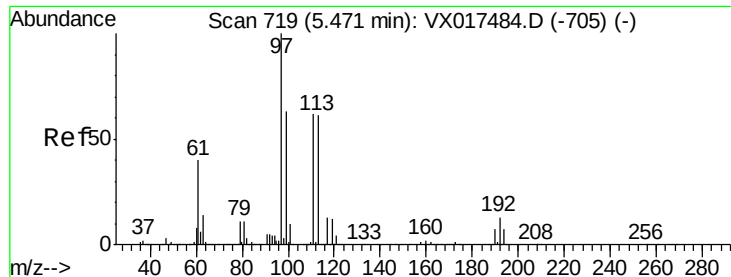
Tot Ion: 65 Resp: 317519
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

Tgt Ion: 114 Resp: 748097
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 15.8 0.0 33.4

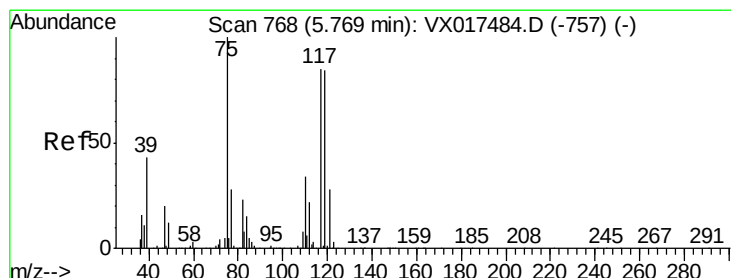
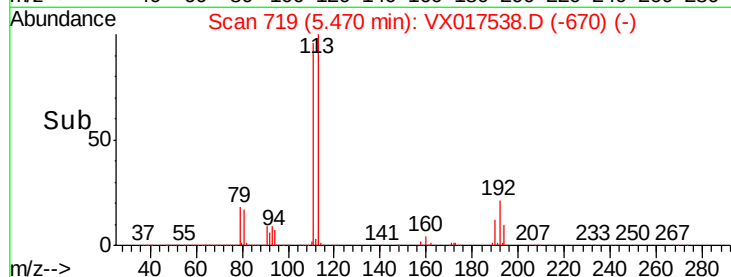
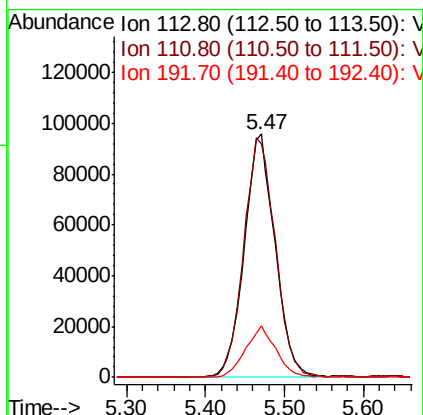
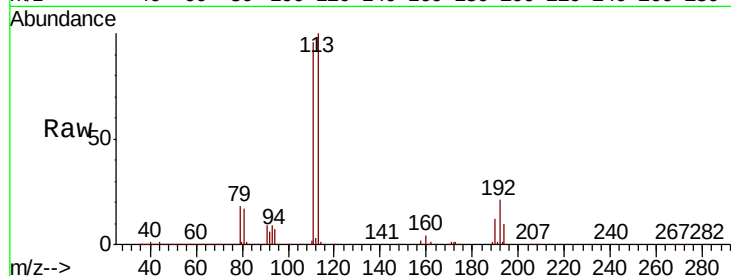




#35
Dibromofluoromethane
Concen: 51.820 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

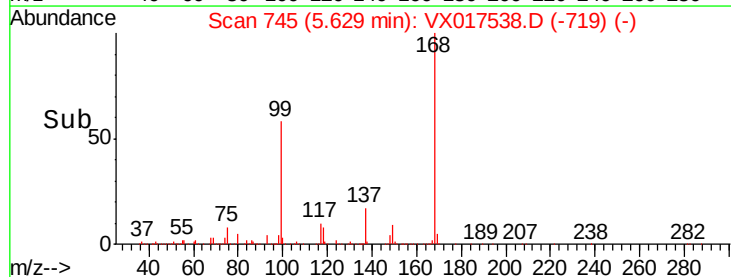
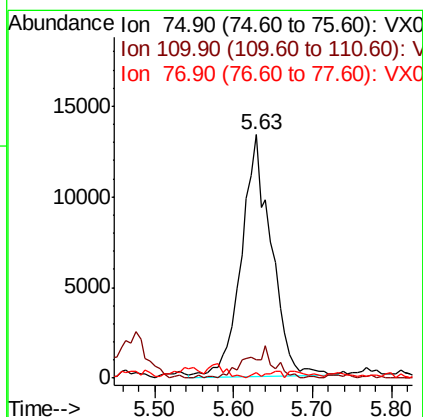
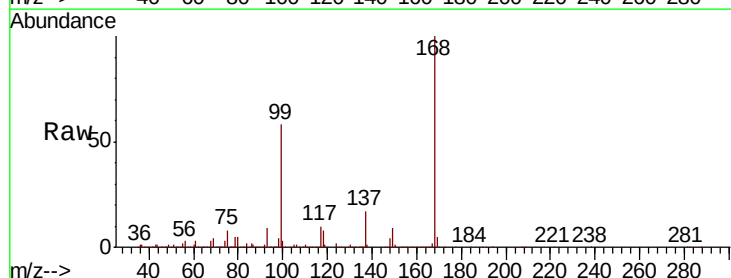
Instrument :
MSVOA_X
ClientSampleId :
1754

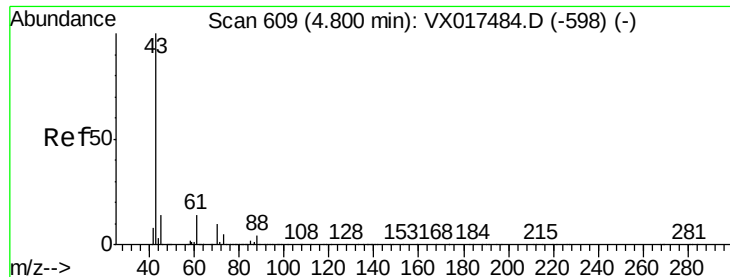
Tot Ion:113 Resp: 259270
Ion Ratio Lower Upper
113 100
111 101.5 80.7 121.1
192 20.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 75 Resp: 35125
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.3#
77 0.0 24.6 37.0#

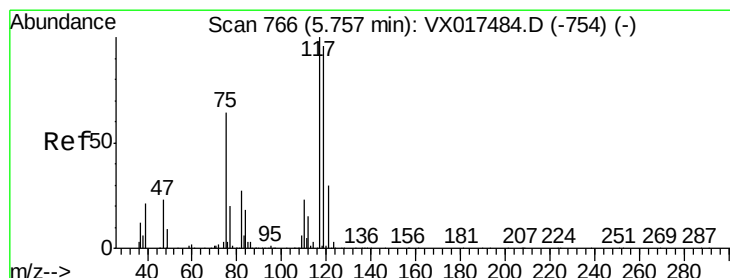
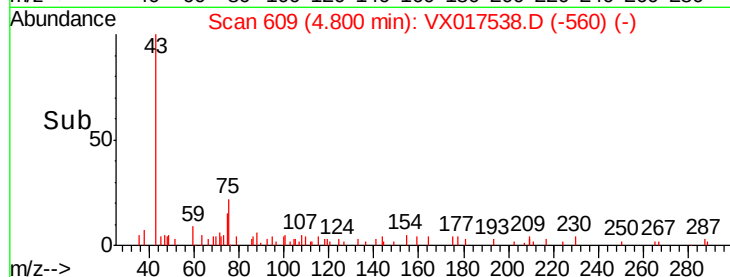
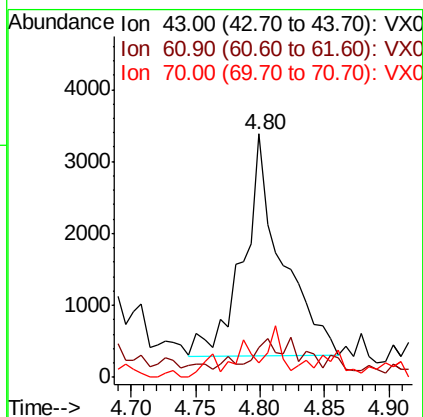
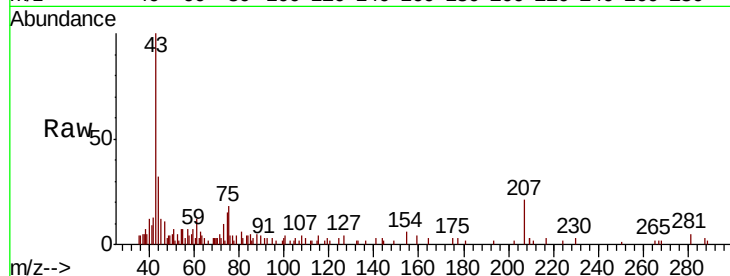




#37
Ethyl Acetate
Concen: 0.806 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

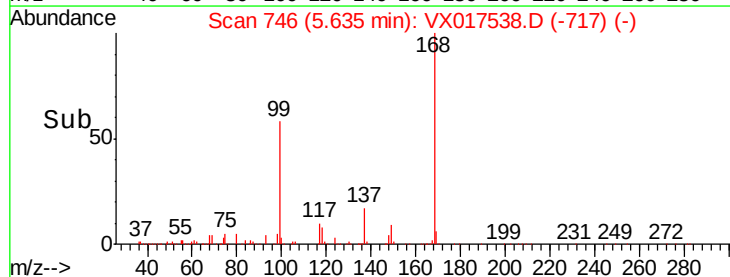
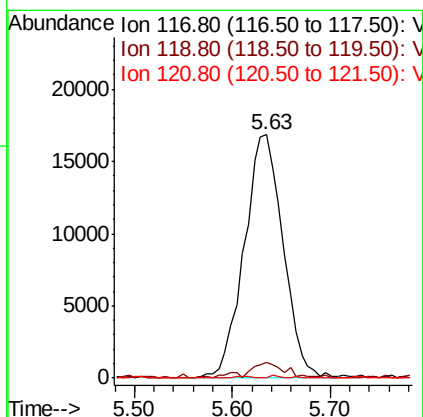
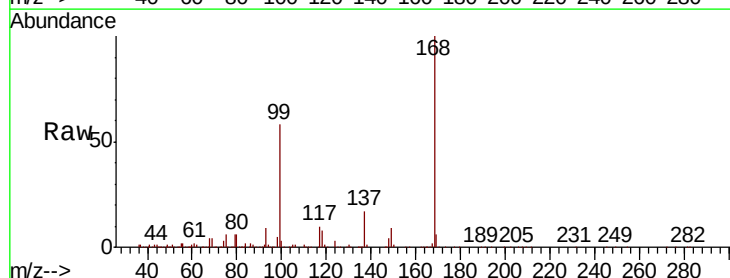
Instrument :
MSVOA_X
ClientSampled :
1754

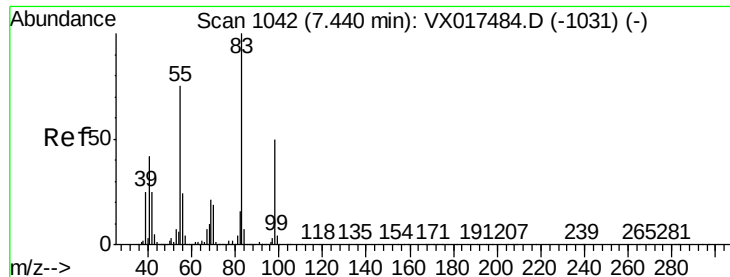
Tot Ion: 43 Resp: 6326
Ion Ratio Lower Upper
43 100
61 5.6 10.7 16.1#
70 8.2 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 5.349 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 117 Resp: 46604
Ion Ratio Lower Upper
117 100
119 6.4 75.4 113.0#
121 0.0 24.3 36.5#

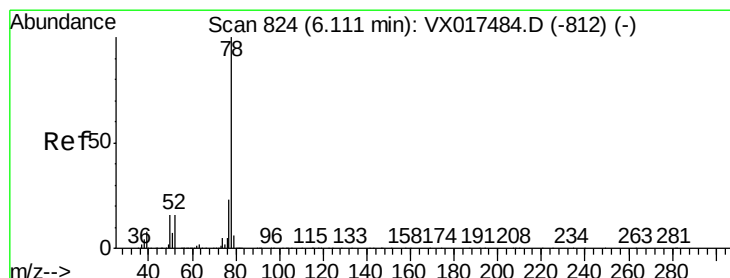
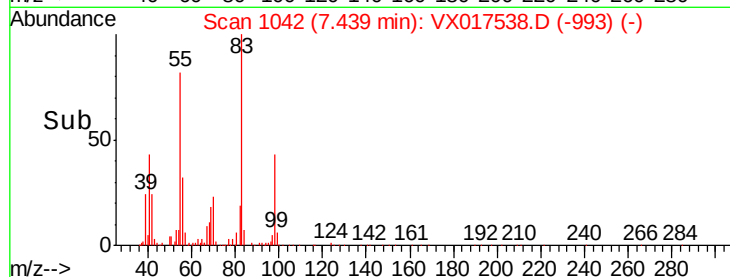
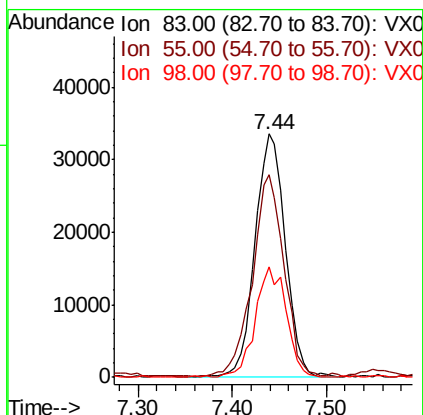
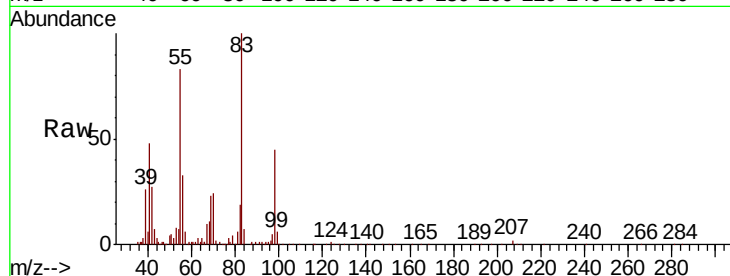




#39
Methylvlcyclohexane
Concen: 9.112 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

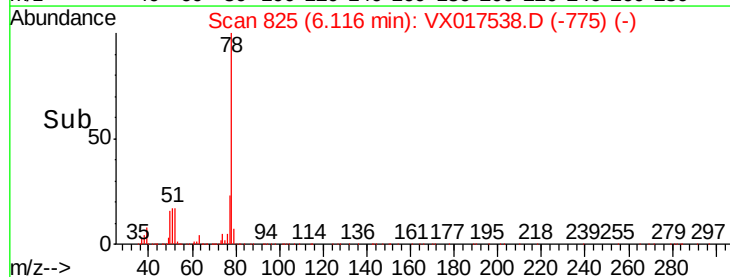
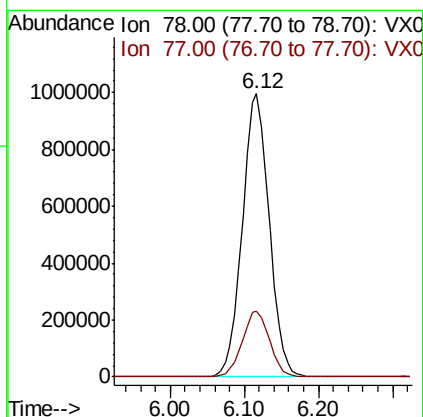
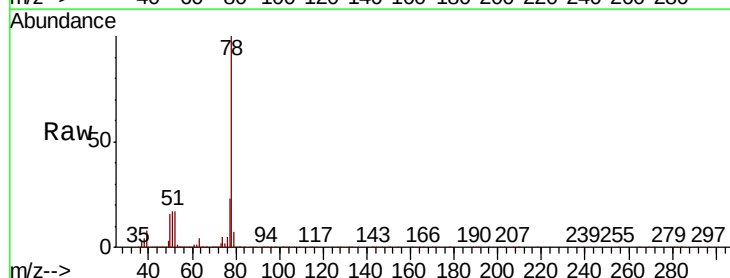
Instrument :
MSVOA_X
ClientSampleId :
1754

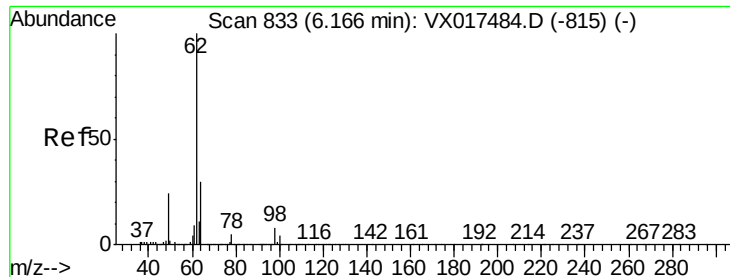
Tot Ion: 83 Resp: 76324
Ion Ratio Lower Upper
83 100
55 82.5 61.8 92.8
98 45.3 36.9 55.3



#40
Benzene
Concen: 122.896 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 78 Resp: 2527996
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.2





#42

1,2-Dichloroethane

Concen: 3.139 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.05 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampled :

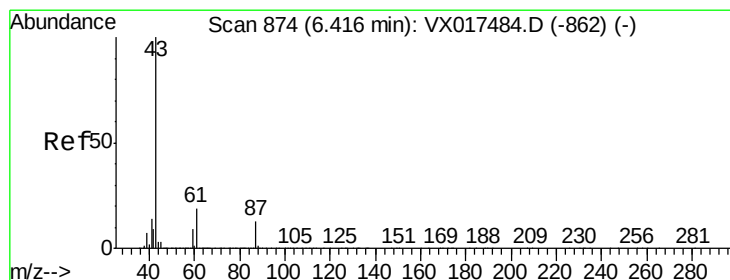
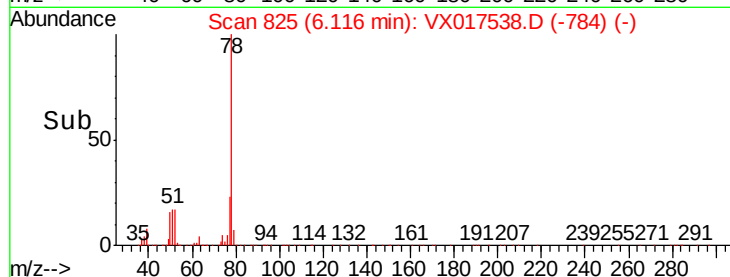
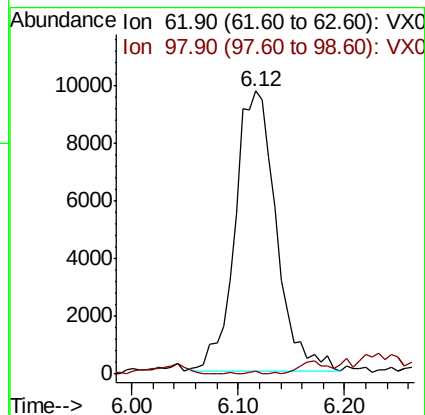
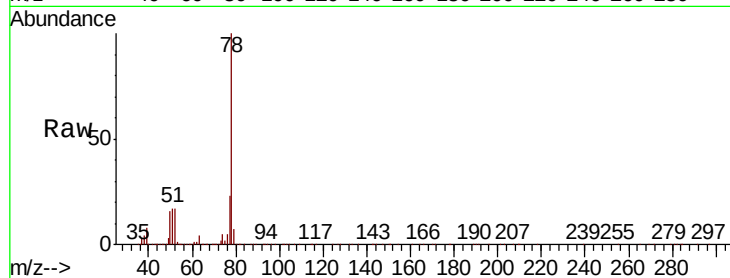
1754

Tot Ion: 62 Resp: 26419

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#43

Isopropyl Acetate

Concen: 0.731 ug/l

RT: 6.40 min Scan# 871

Delta R.T. -0.02 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

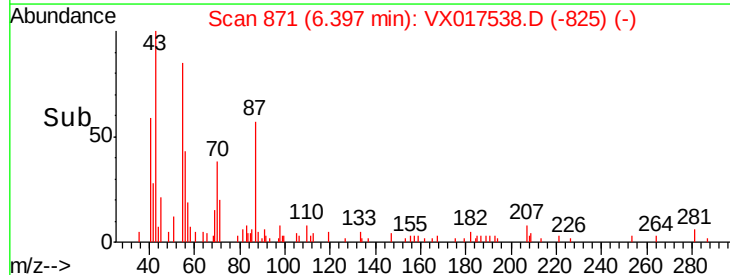
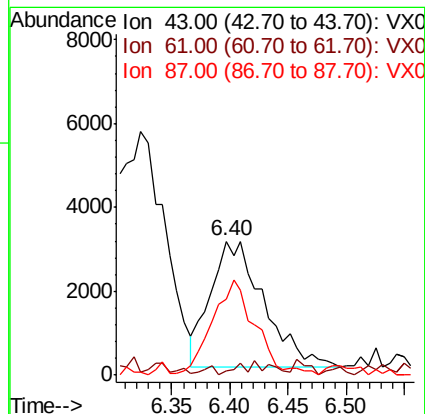
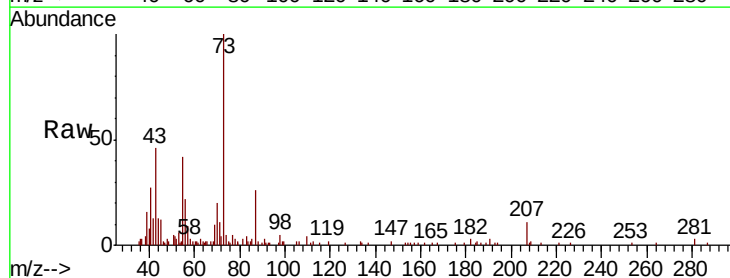
Tgt Ion: 43 Resp: 9468

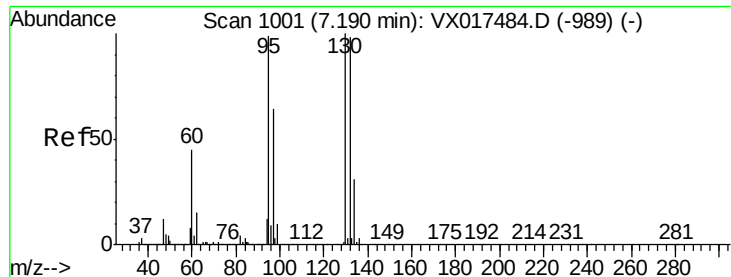
Ion Ratio Lower Upper

43 100

61 2.3 15.5 23.3#

87 61.3 10.5 15.7#





#44

Trichloroethene

Concen: 0.315 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampled :

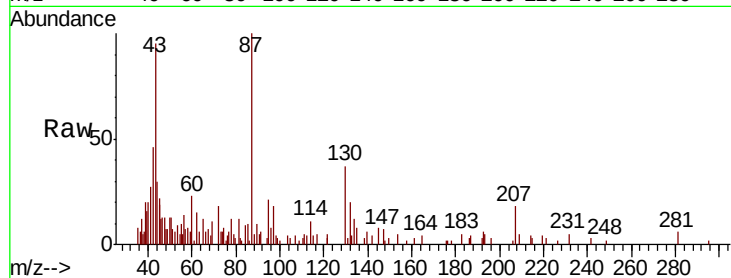
1754

Tot Ion:130 Resp: 1891

Ion Ratio Lower Upper

130 100

95 58.1 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

800

600

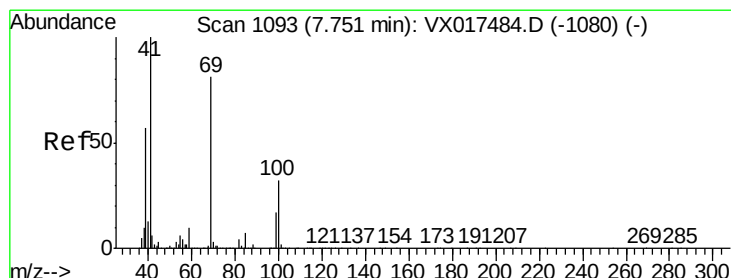
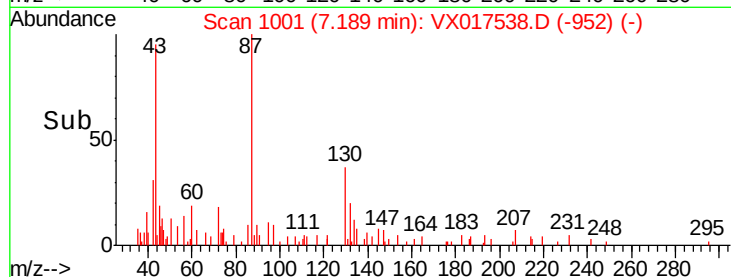
400

200

0

7.10 7.15 7.20 7.25

Time-->



#48

Methyl methacrylate

Concen: 1.050 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.04 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

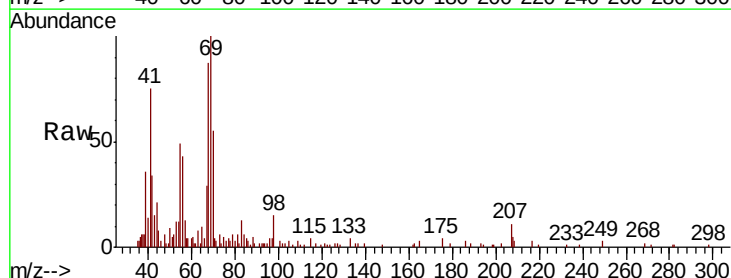
Tgt Ion: 41 Resp: 6739

Ion Ratio Lower Upper

41 100

69 161.4 63.1 94.7#

39 52.5 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

8000

6000

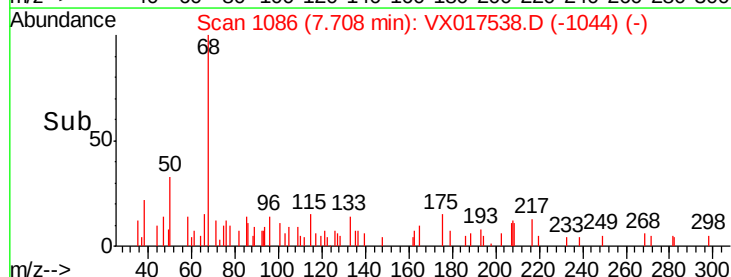
4000

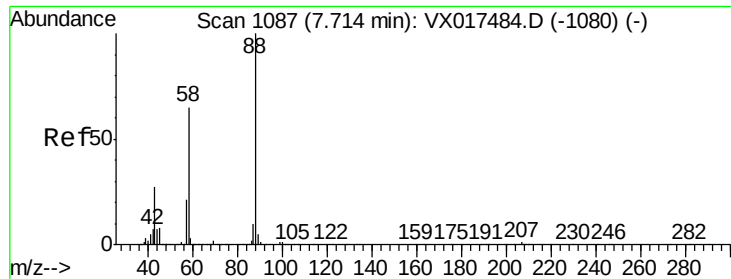
2000

0

7.65 7.70 7.75

Time-->

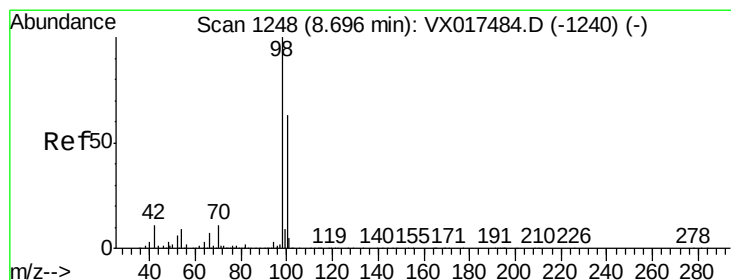
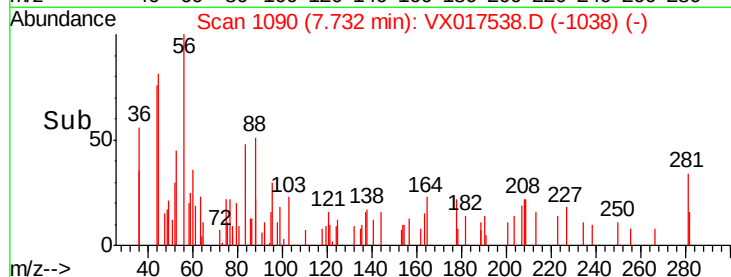
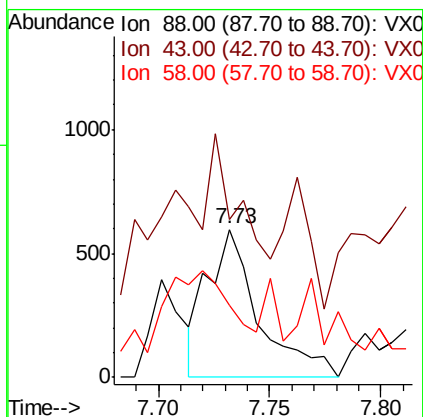
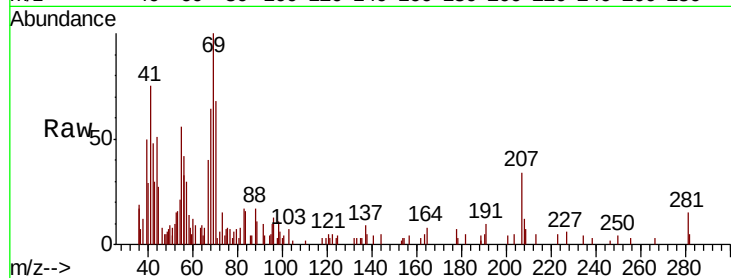




#49
1,4-Dioxane
Concen: 7.782 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

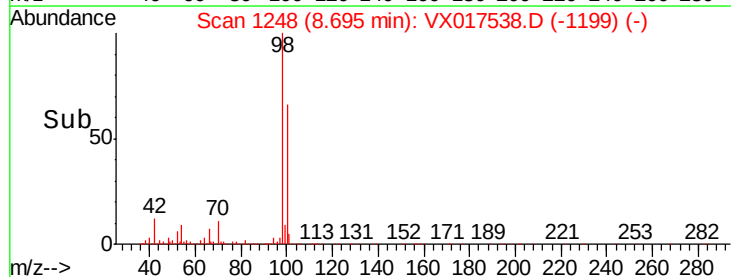
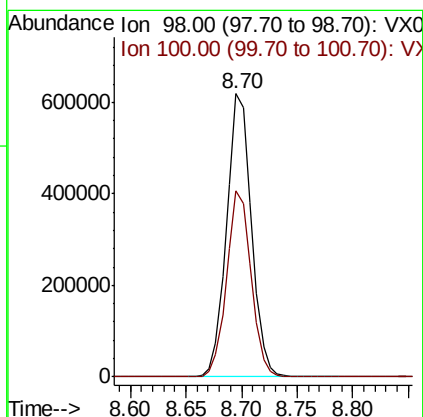
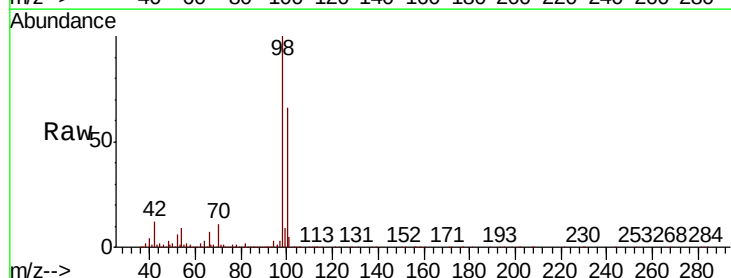
Instrument :
MSVOA_X
ClientSampled :
1754

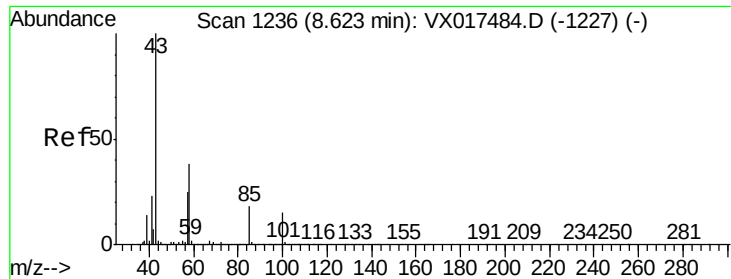
Tot Ion: 88 Resp: 958
Ion Ratio Lower Upper
88 100
43 137.4 27.8 41.6#
58 69.0 58.3 87.5



#50
Toluene-d8
Concen: 52.848 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 98 Resp: 953874
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

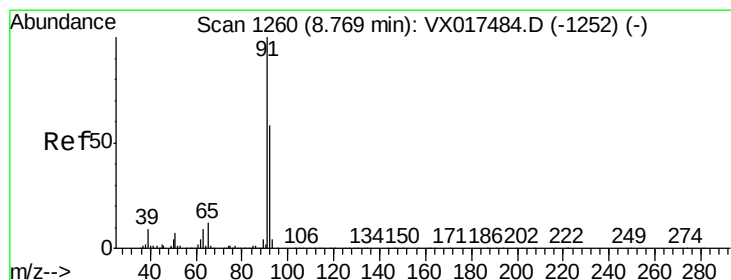
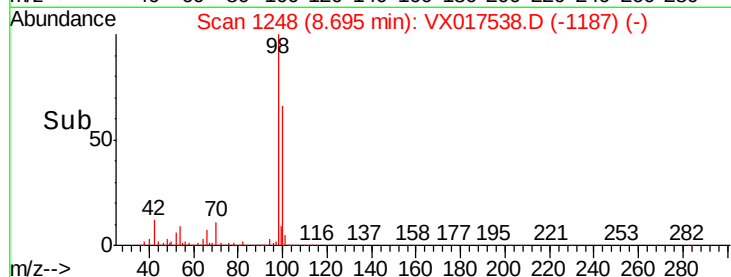
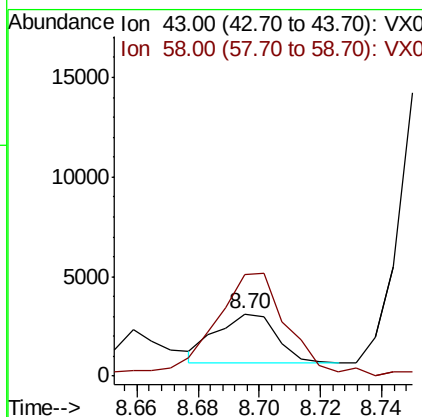
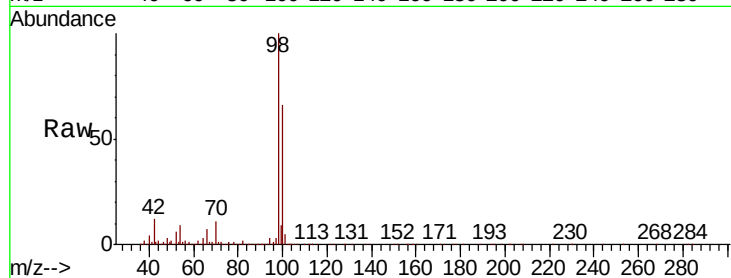




#51
4-Methyl-2-Pentanone
Concen: 0.430 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.07 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

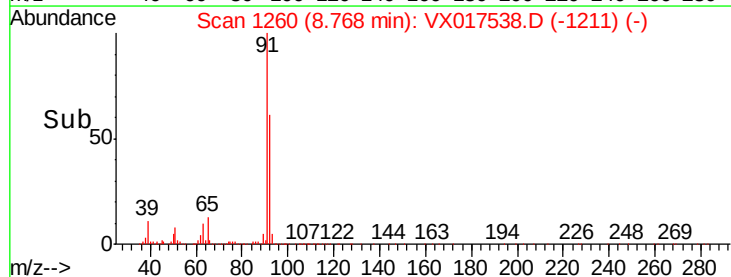
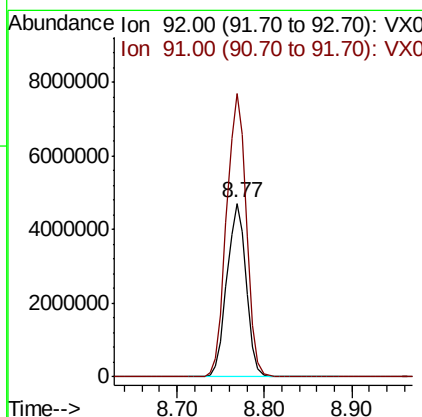
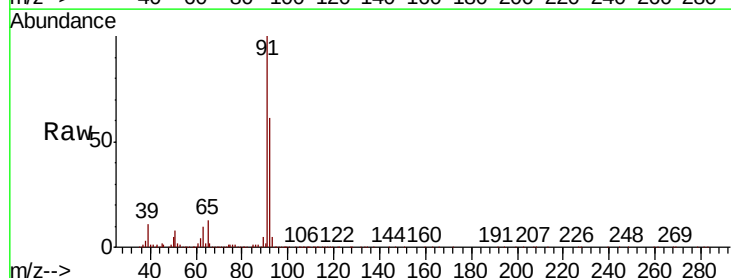
Instrument :
MSVOA_X
ClientSampleId :
1754

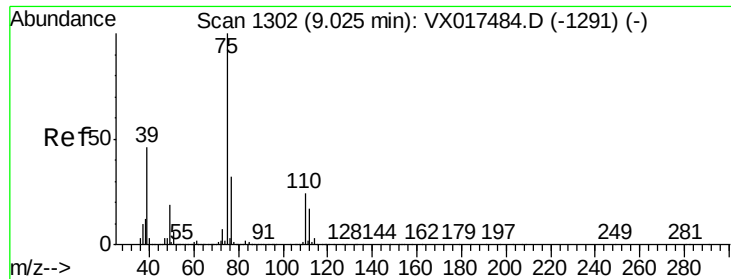
Tot Ion: 43 Resp: 3326
Ion Ratio Lower Upper
43 100
58 252.7 31.0 46.4#



#52
Toluene
Concen: 547.708 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 92 Resp: 7225378
Ion Ratio Lower Upper
92 100
91 167.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 10.219 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.26 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampled :

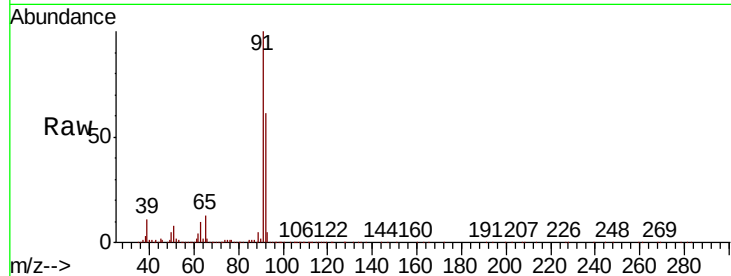
1754

Tot Ion: 75 Resp: 92762

Ion Ratio Lower Upper

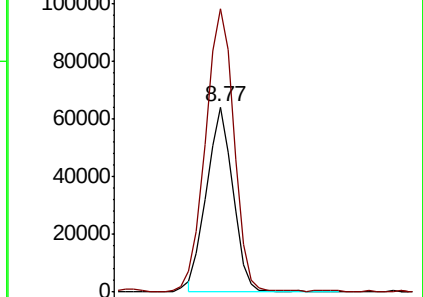
75 100

77 152.4 25.5 38.3#

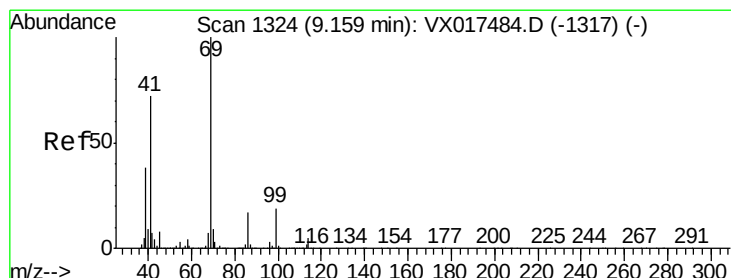
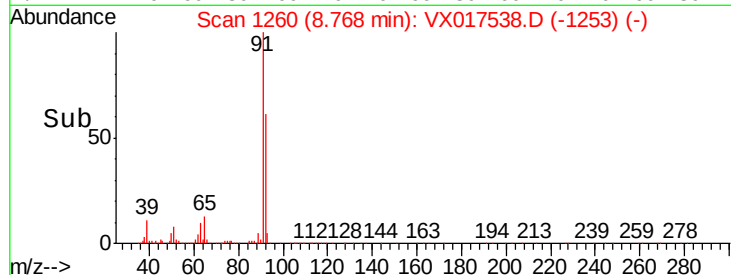


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->



#56

Ethyl methacrylate

Concen: 0.323 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

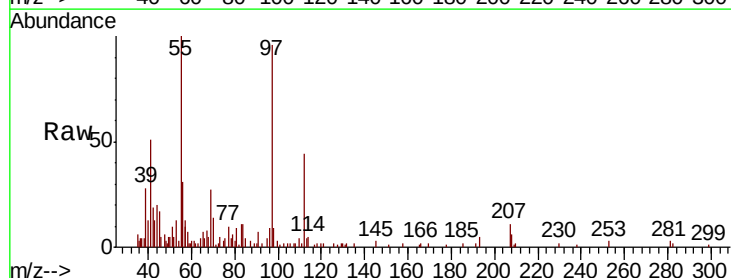
Tgt Ion: 69 Resp: 2671

Ion Ratio Lower Upper

69 100

41 121.7 55.0 82.6#

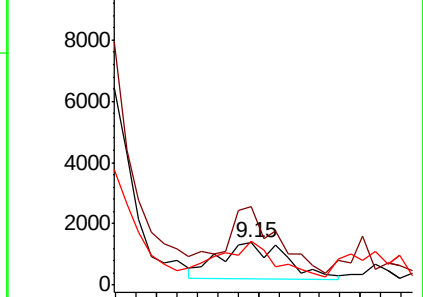
39 82.8 30.0 45.0#



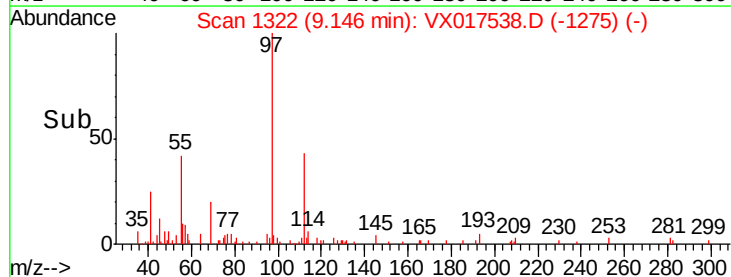
Abundance Ion 69.00 (68.70 to 69.70): VX0

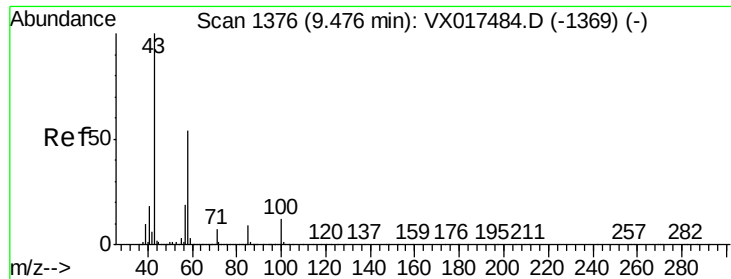
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->

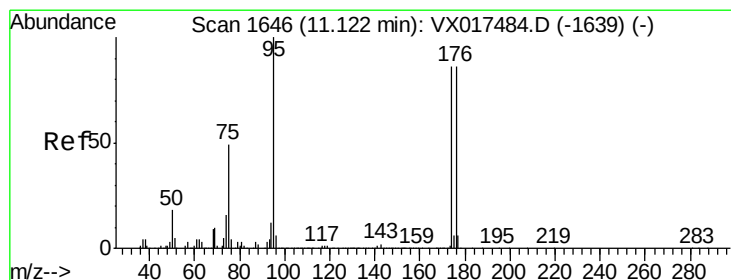
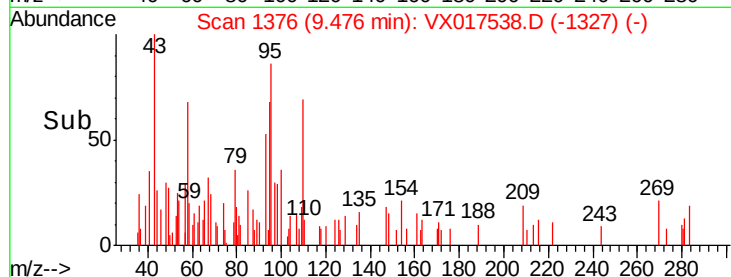
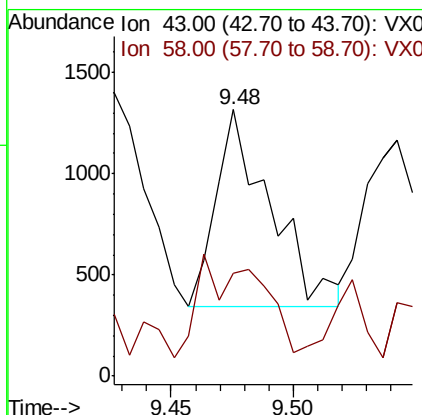
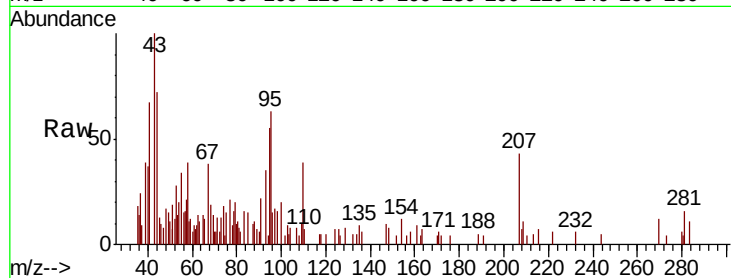




#59
2-Hexanone
Concen: 0.257 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

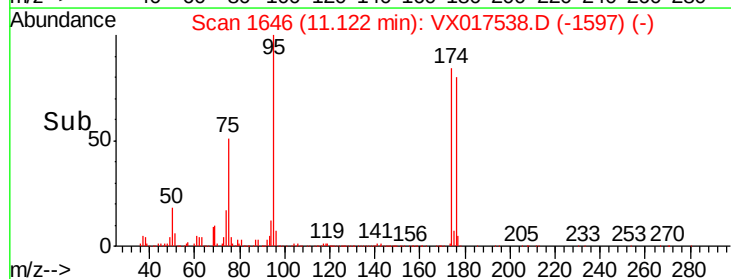
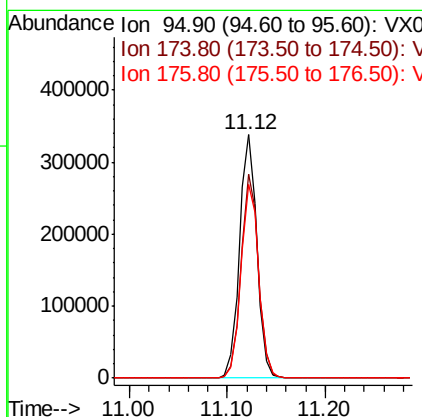
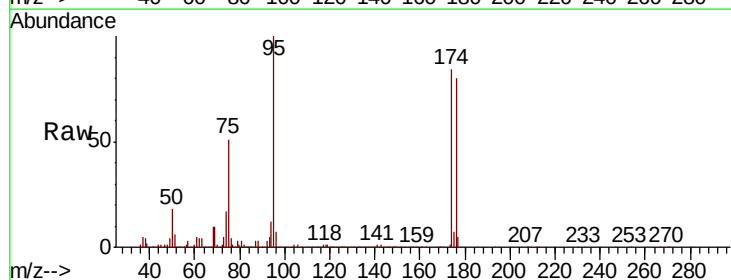
Instrument :
MSVOA_X
ClientSampled :
1754

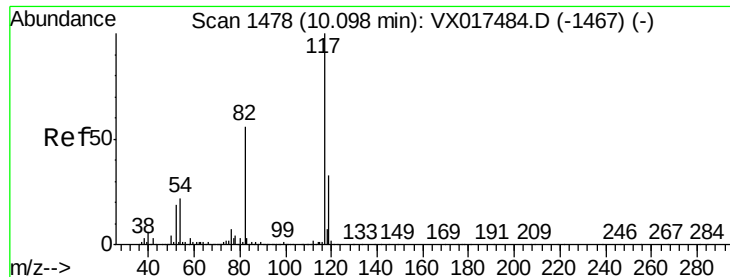
Tot Ion: 43 Resp: 1493
Ion Ratio Lower Upper
43 100
58 75.6 26.6 79.8



#62
4-Bromofluorobenzene
Concen: 57.242 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 95 Resp: 413480
Ion Ratio Lower Upper
95 100
174 84.0 0.0 169.0
176 81.9 0.0 161.0

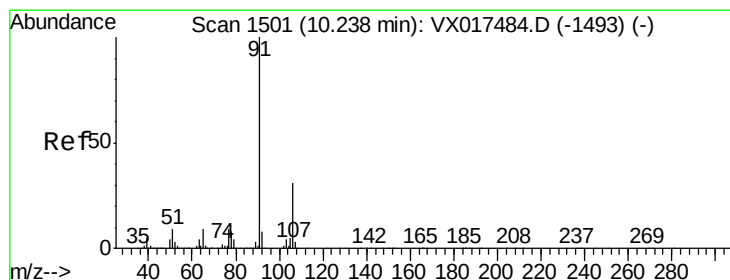
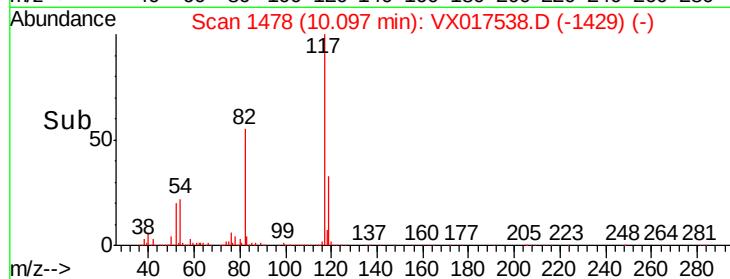
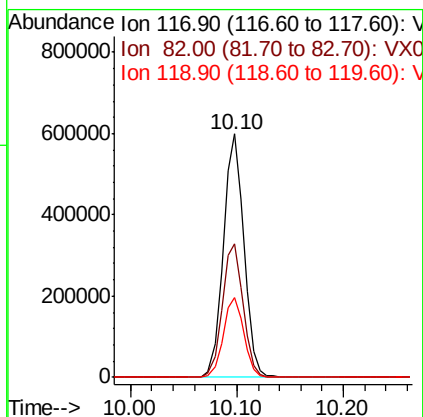
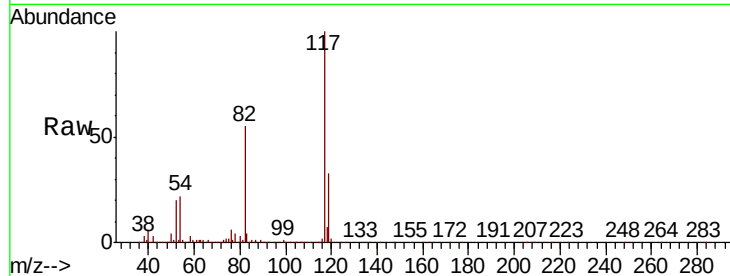




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

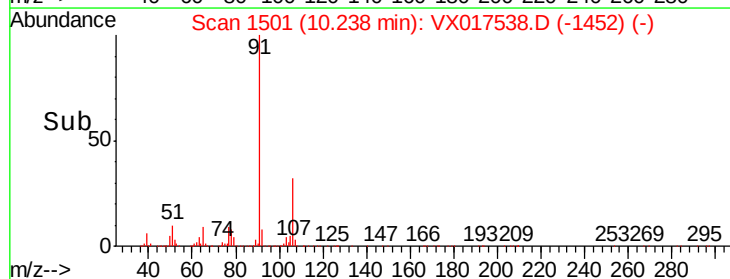
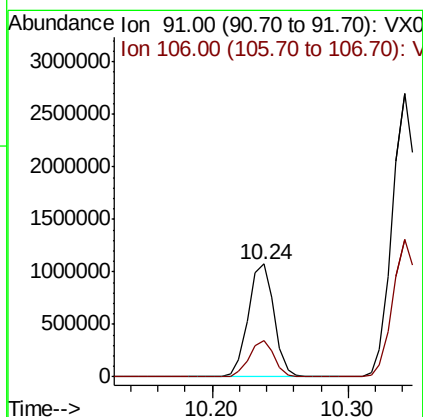
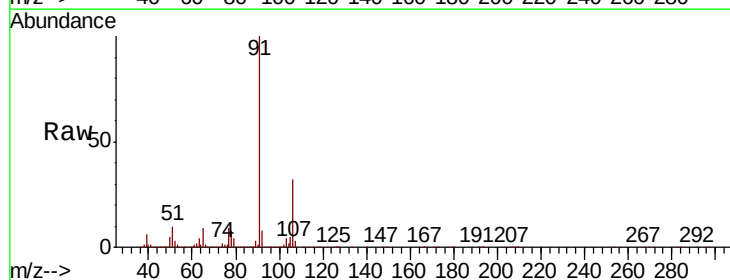
Instrument :
MSVOA_X
ClientSampleId :
1754

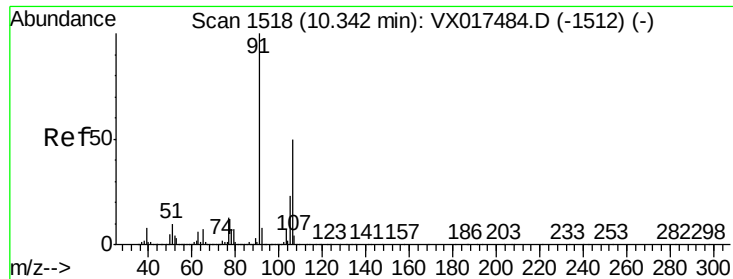
Tot Ion:117 Resp: 809573
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 32.6 25.4 38.0



#67
Ethyl Benzene
Concen: 48.973 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 91 Resp: 1432528
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.6





#68

m/p-Xylenes

Concen: 151.828 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampled :

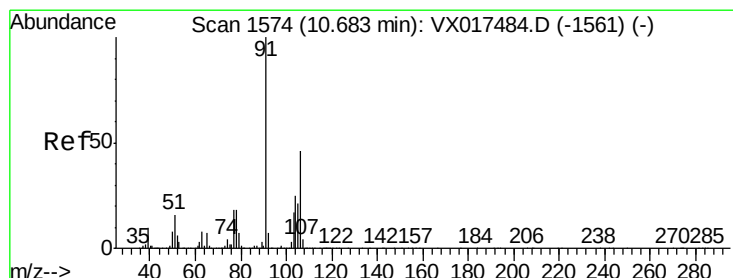
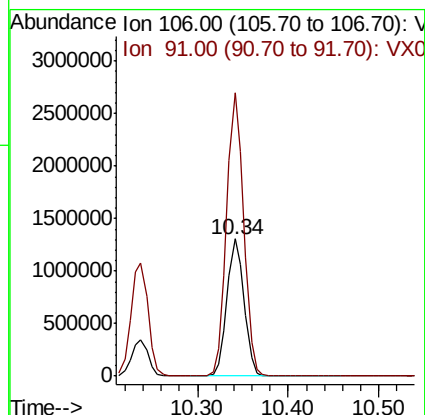
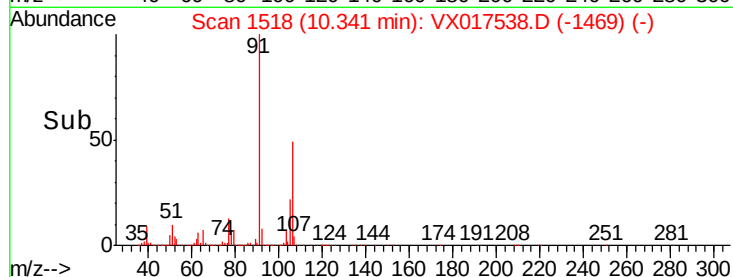
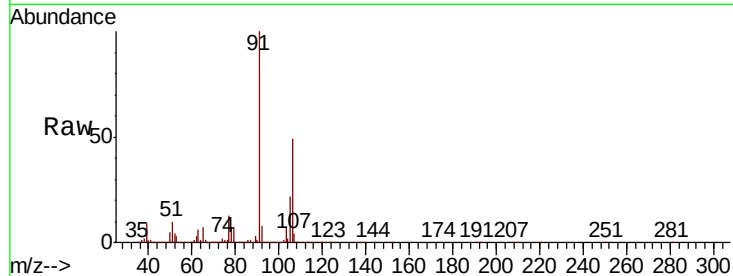
1754

Tot Ion:106 Resp: 1720493

Ion Ratio Lower Upper

106 100

91 205.7 160.9 241.3



#69

o-Xylene

Concen: 76.552 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017538.D

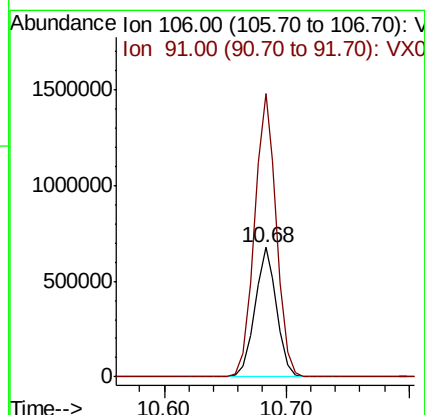
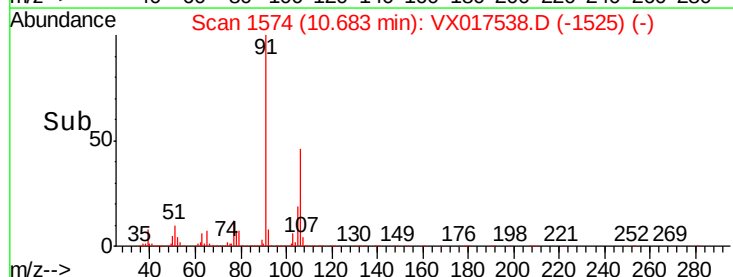
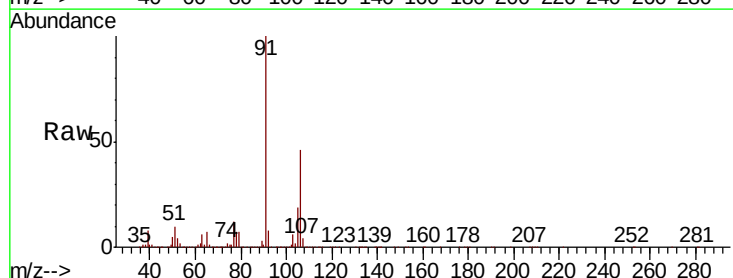
Acq: 24 Jul 2020 13:28

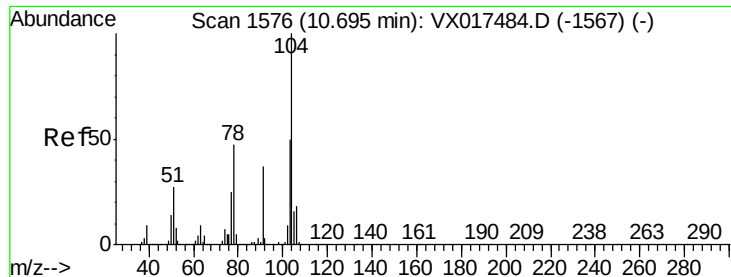
Tgt Ion:106 Resp: 834316

Ion Ratio Lower Upper

106 100

91 219.8 108.2 324.6





#70

Stvrene

Concen: 2.549 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampled :

1754

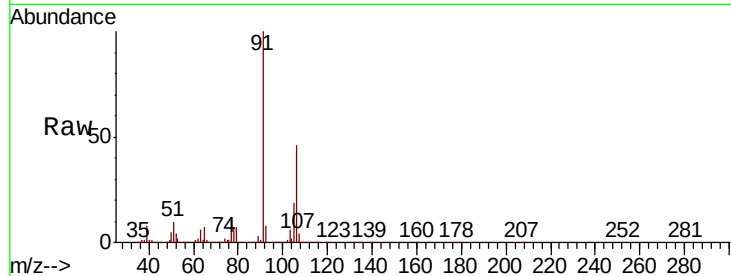
Tot Ion:104 Resp: 47264

Ion Ratio Lower Upper

104 100

78 283.2 42.5 63.7#

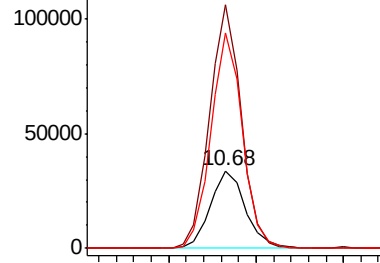
103 247.4 44.3 66.5#



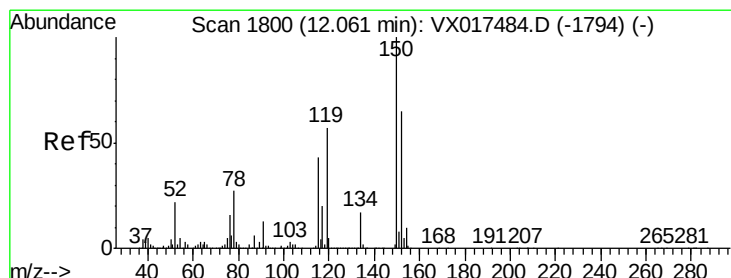
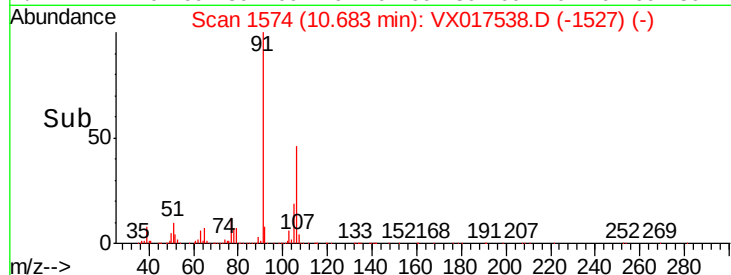
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

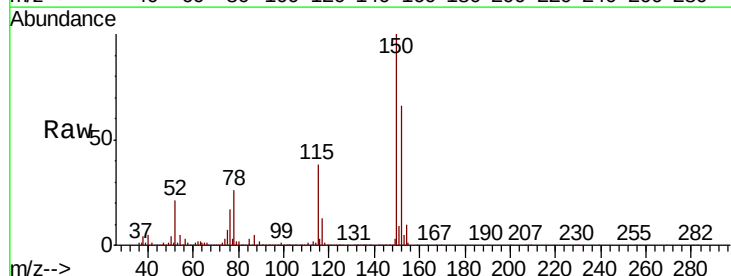
Tgt Ion:152 Resp: 445804

Ion Ratio Lower Upper

152 100

115 57.6 65.5 196.6#

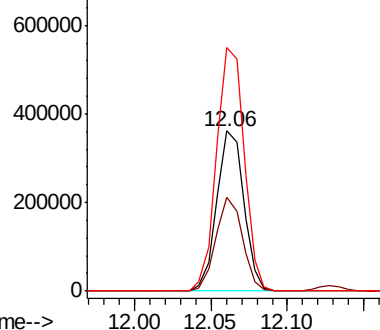
150 155.8 0.0 412.6



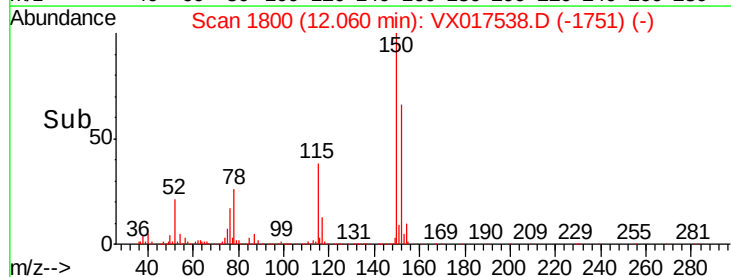
Abundance Ion 151.90 (151.60 to 152.60): V

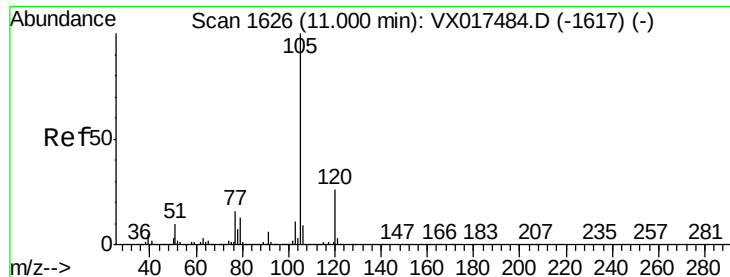
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: 2.112 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampled :

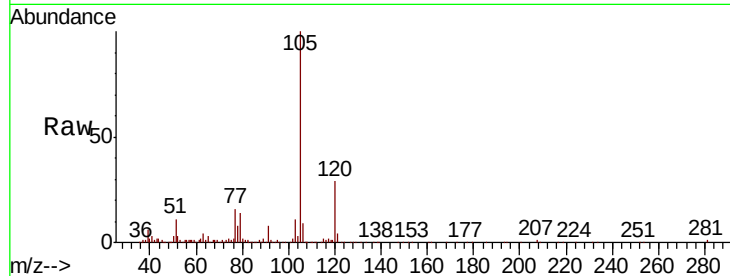
1754

Tot Ion:105 Resp: 64600

Ion Ratio Lower Upper

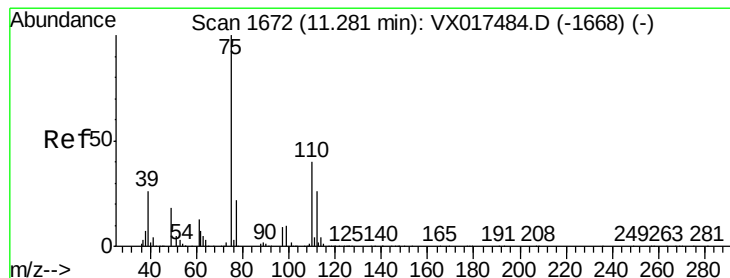
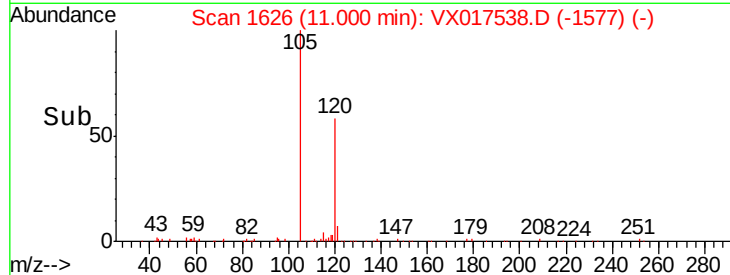
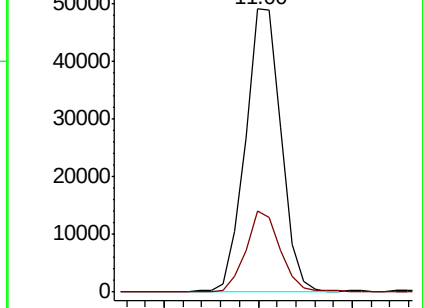
105 100

120 28.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 1.095 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. 0.13 min

Lab File: VX017538.D

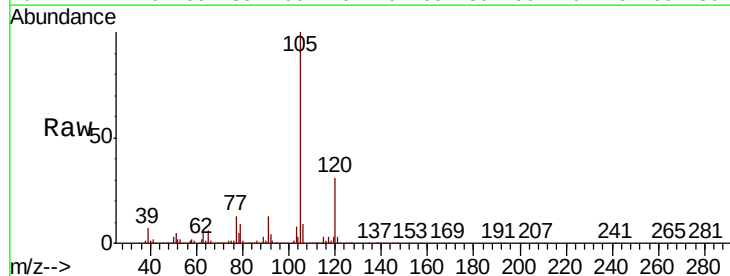
Acq: 24 Jul 2020 13:28

Tgt Ion: 75 Resp: 10046

Ion Ratio Lower Upper

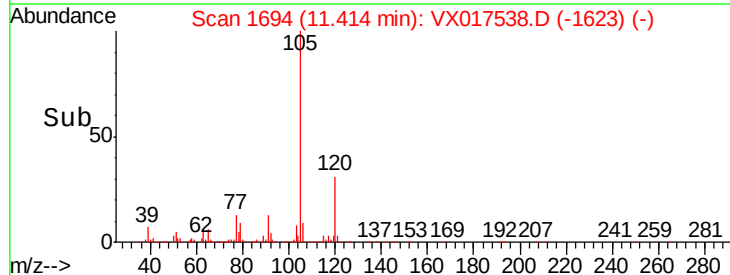
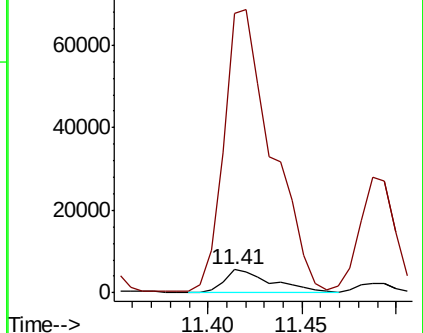
75 100

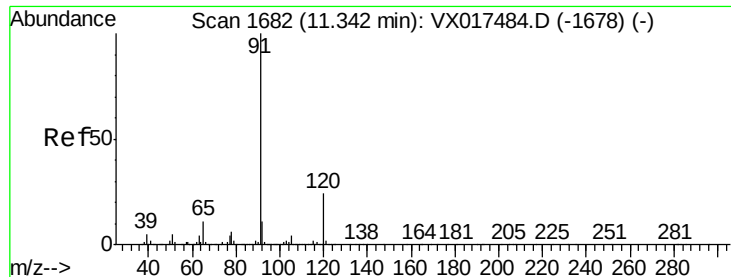
77 1209.1 21.8 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 6.252 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

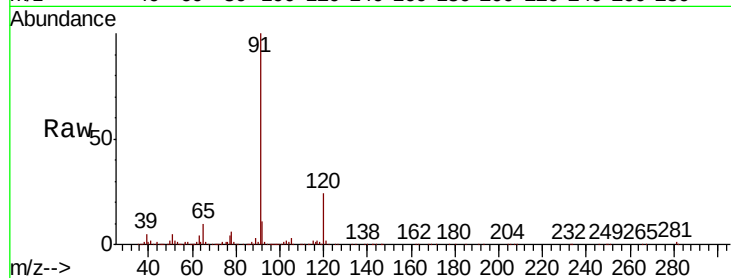
1754

Tot Ion: 91 Resp: 215662

Ion Ratio Lower Upper

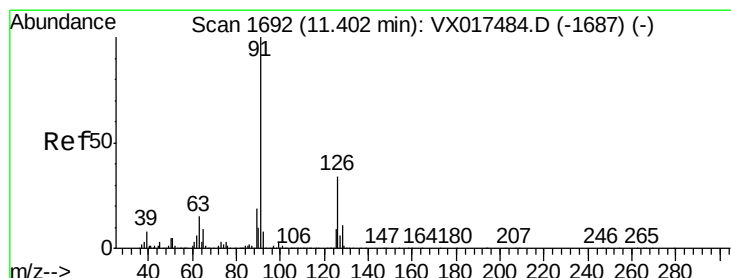
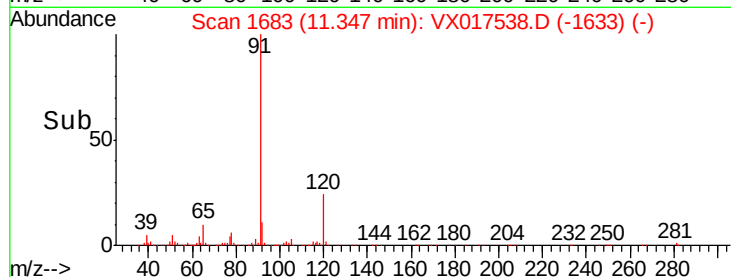
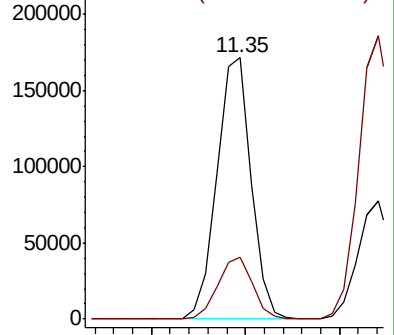
91 100

120 24.1 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: 6.021 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX017538.D

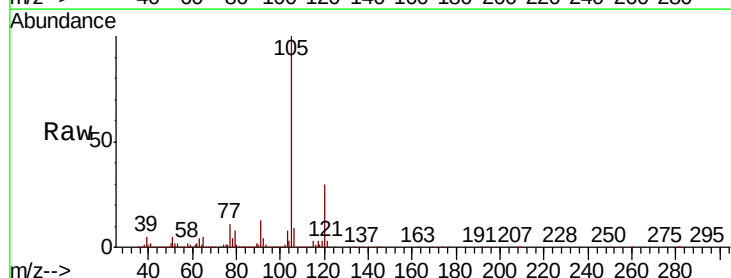
Acq: 24 Jul 2020 13:28

Tgt Ion: 91 Resp: 128660

Ion Ratio Lower Upper

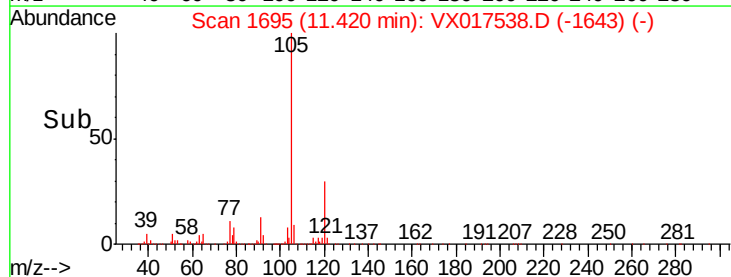
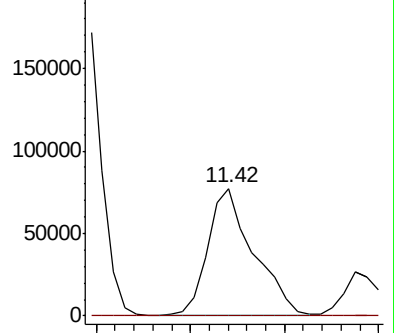
91 100

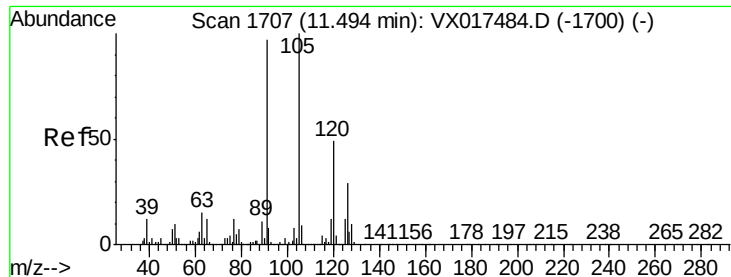
126 0.4 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

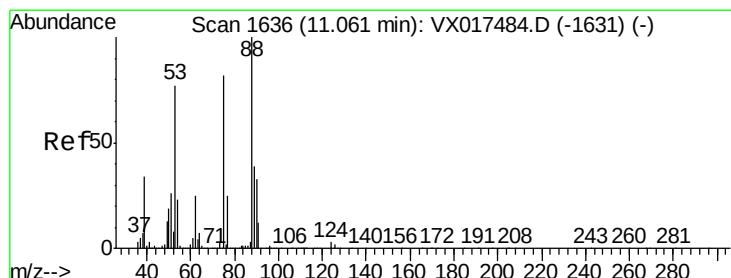
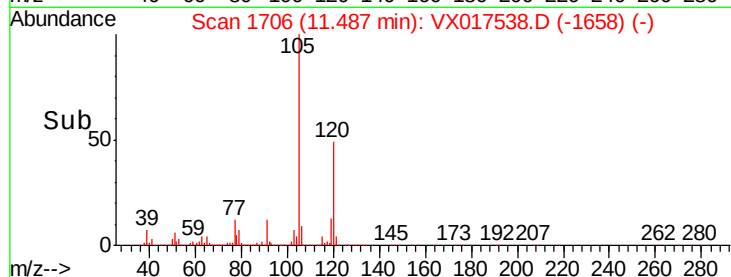
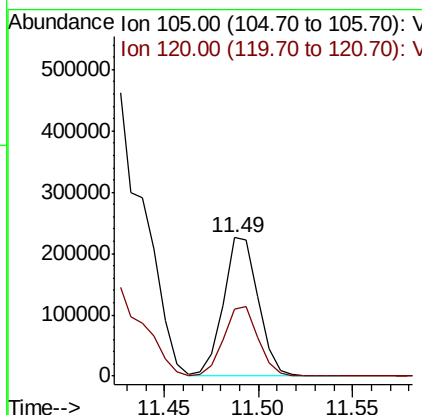
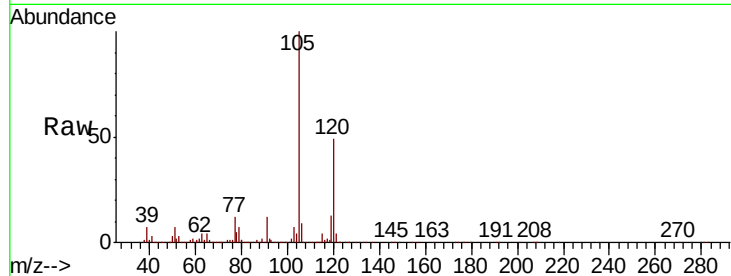




#80
 1,3,5-Trimethylbenzene
 Concen: 11.085 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

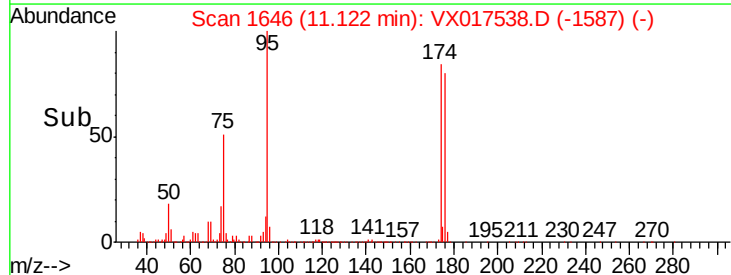
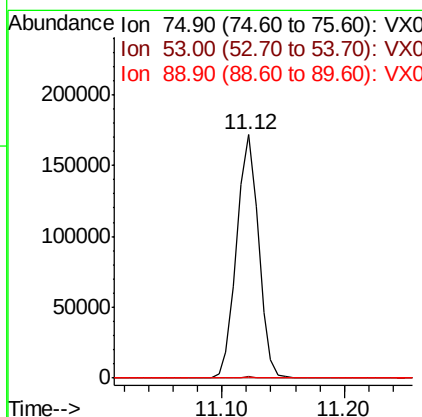
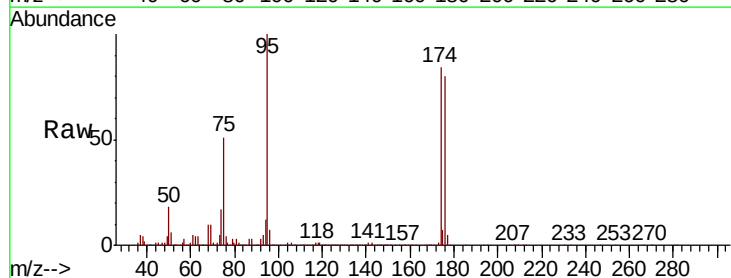
Instrument :
 MSVOA_X
 ClientSampled :
 1754

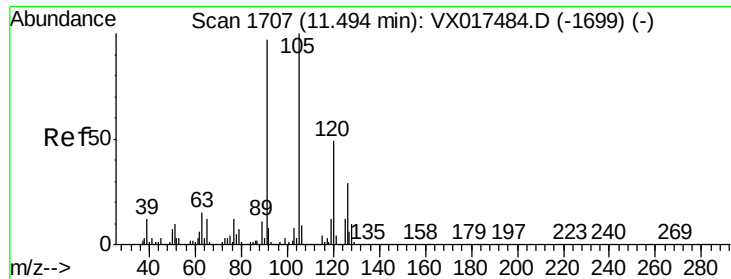
Tot Ion:105 Resp: 289453
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.075 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

Tgt Ion: 75 Resp: 211356
 Ion Ratio Lower Upper
 75 100
 53 0.3 75.9 113.9#
 89 0.0 37.8 56.6#





#82

4-Chlorotoluene

Concen: 1.357 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

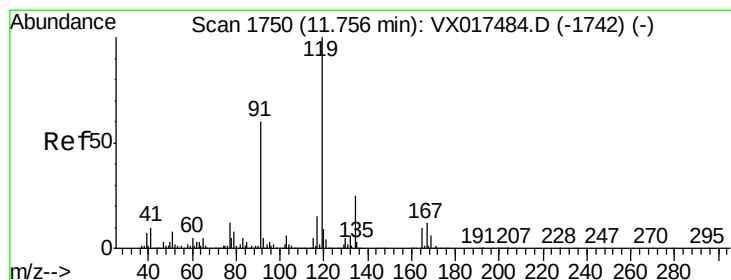
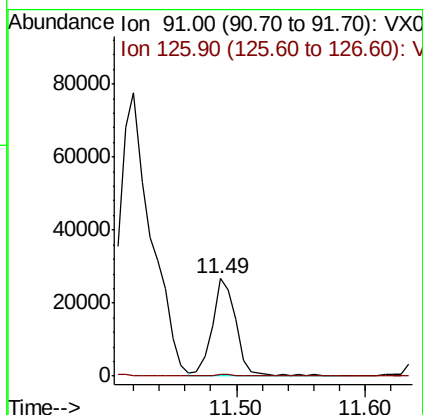
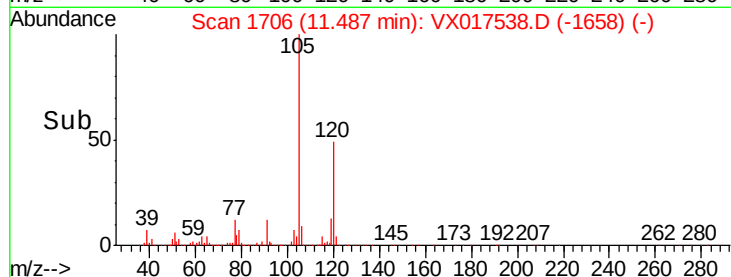
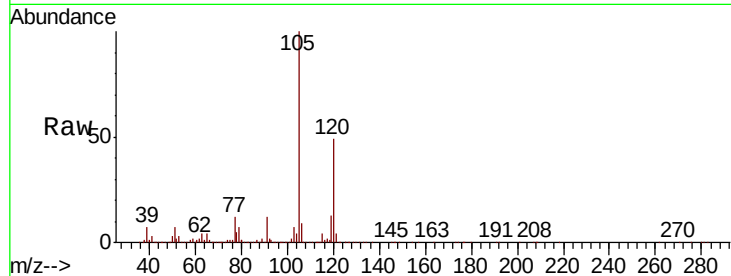
1754

Tot Ion: 91 Resp: 34209

Ion Ratio Lower Upper

91 100

126 1.3 15.2 45.6#



#83

tert-Butylbenzene

Concen: 6.073 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

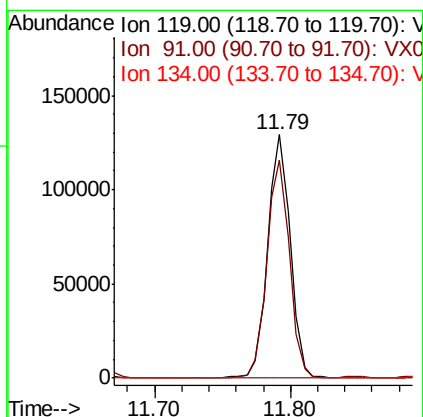
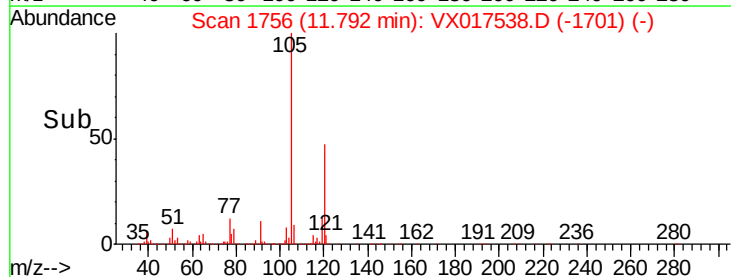
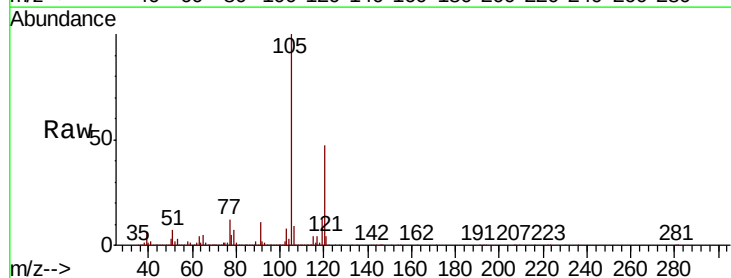
Tgt Ion: 119 Resp: 151732

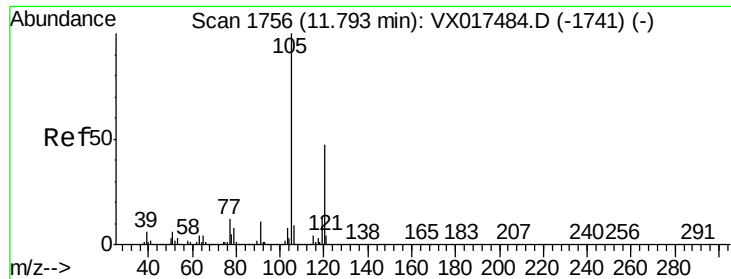
Ion Ratio Lower Upper

119 100

91 89.4 29.3 88.0#

134 0.0 11.2 33.6#

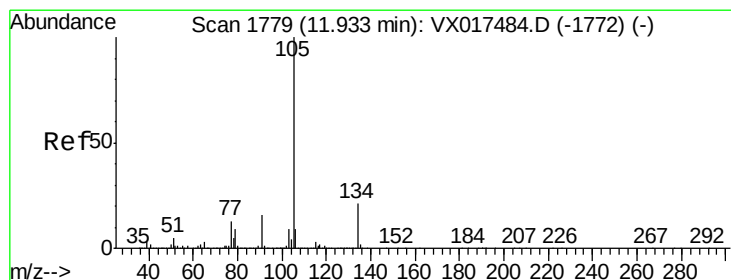
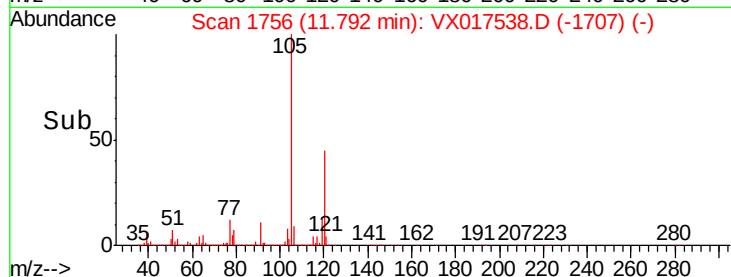
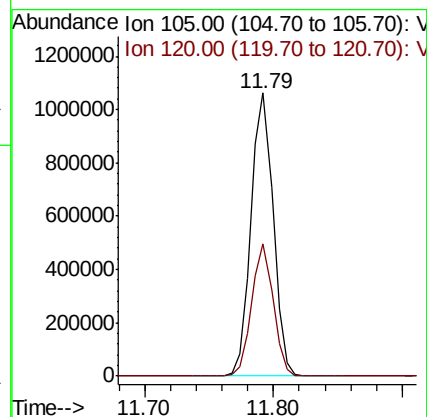
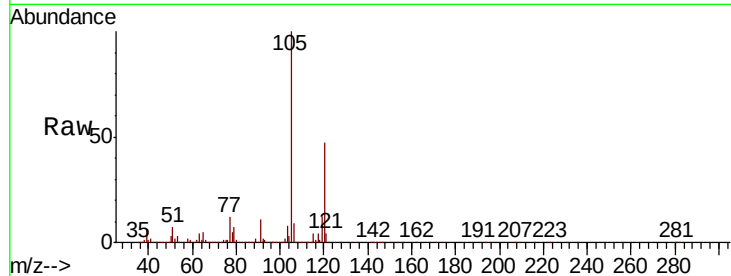




#84
 1,2,4-Trimethylbenzene
 Concen: 48.026 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

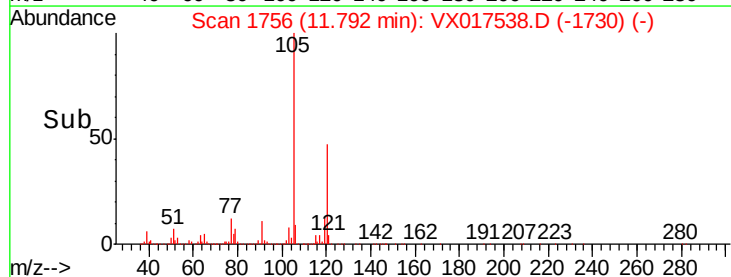
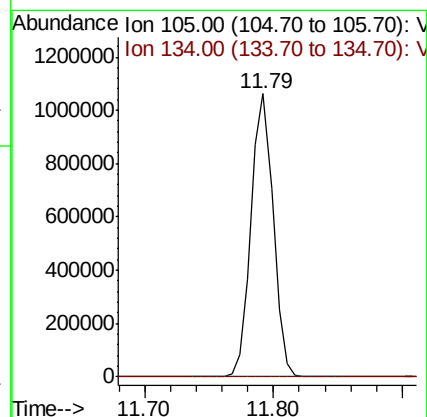
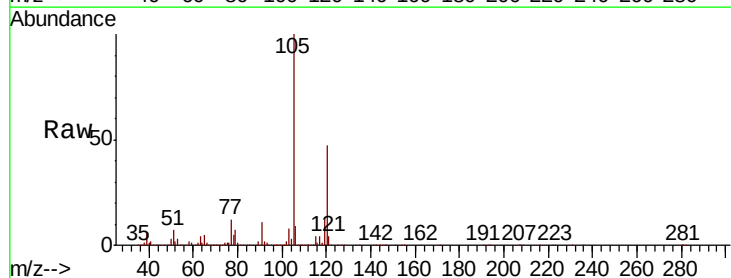
Instrument :
 MSVOA_X
 ClientSampleId :
 1754

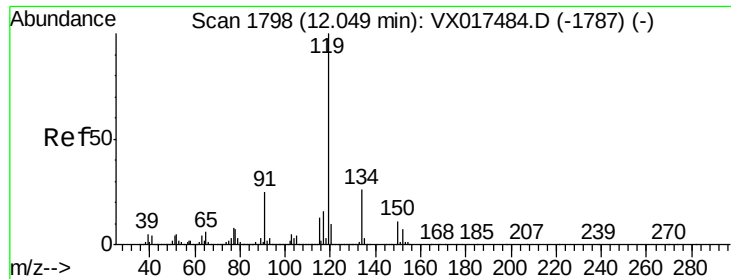
Tot Ion:105 Resp: 1247321
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.0



#85
 sec-Butylbenzene
 Concen: 42.854 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.14 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

Tgt Ion:105 Resp: 1247321
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#

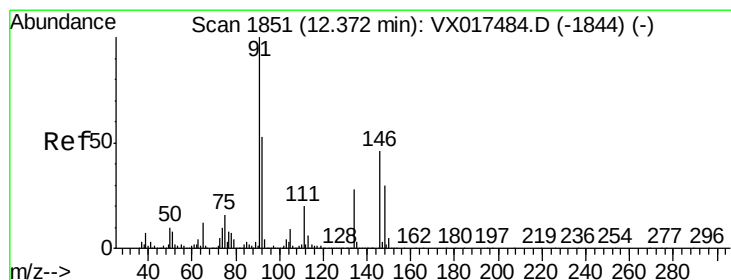
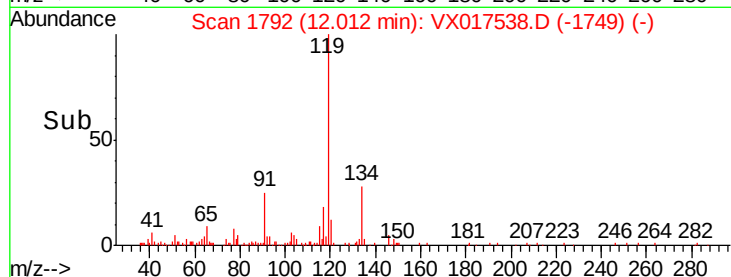
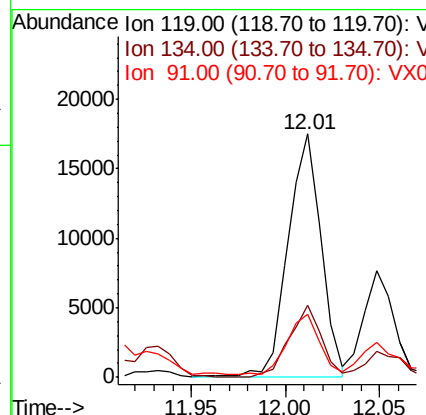
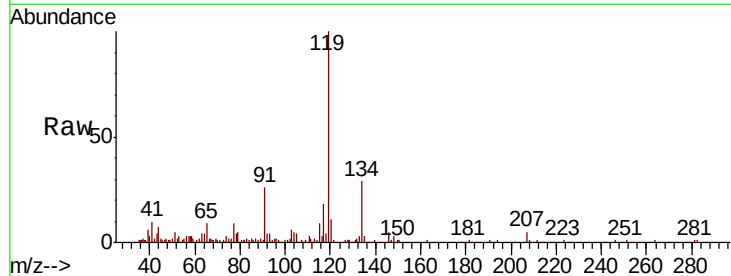




#86
 p-Isopropyltoluene
 Concen: 0.761 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.04 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

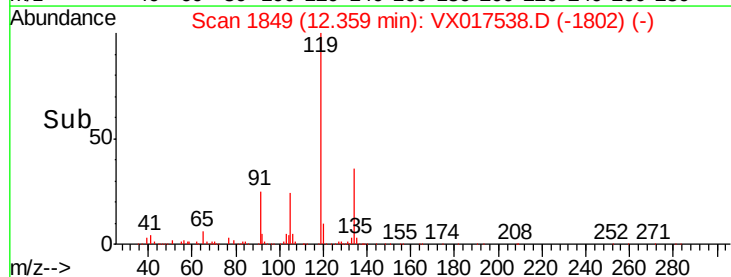
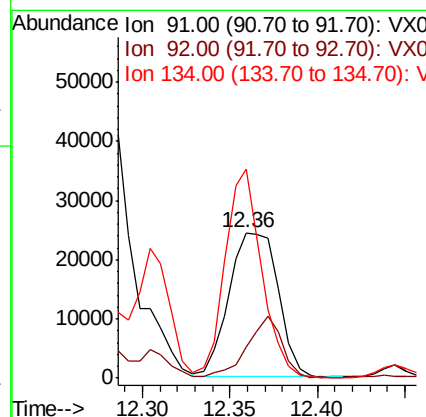
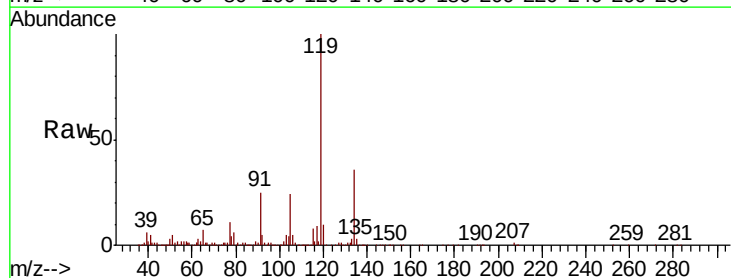
Instrument :
 MSVOA_X
 ClientSampleId :
 1754

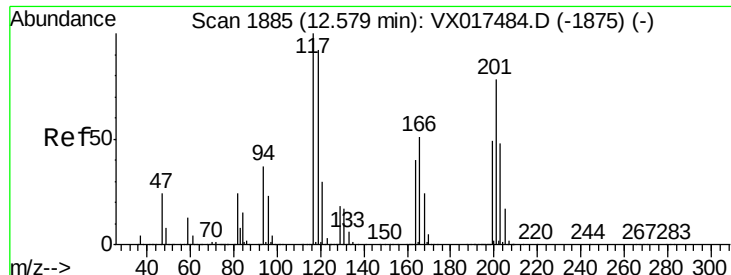
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.3	13.1	39.3
91	24.2	12.1	36.3



#89
 n-Butylbenzene
 Concen: 1.928 ug/l
 RT: 12.36 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	31.3	26.7	80.1
134	107.1	13.6	40.7#





#90

Hexachloroethane

Concen: 1.839 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

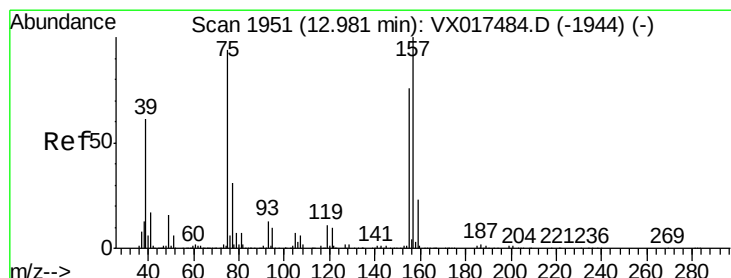
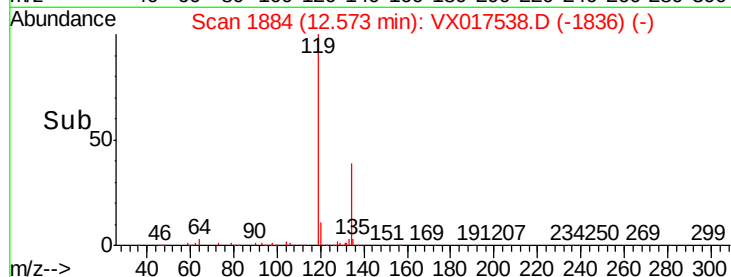
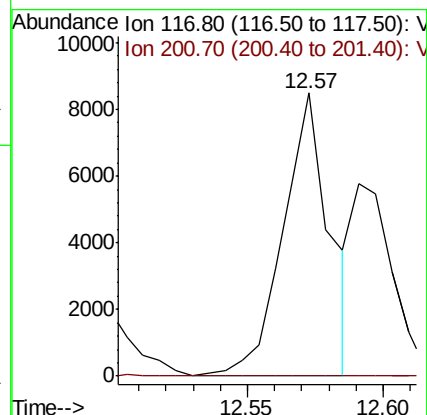
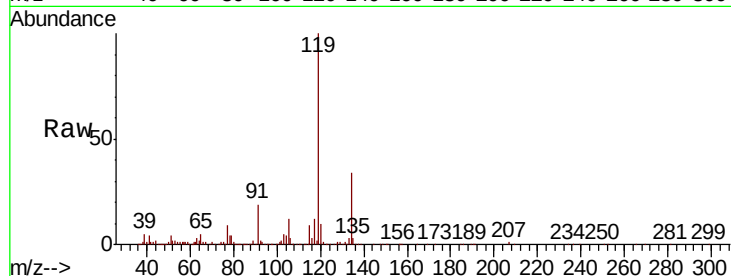
1754

Tot Ion:117 Resp: 10051

Ion Ratio Lower Upper

117 100

201 0.0 42.2 126.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.994 ug/l

RT: 12.96 min Scan# 1947

Delta R.T. -0.02 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

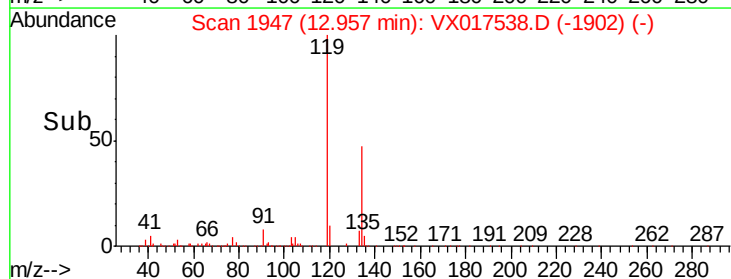
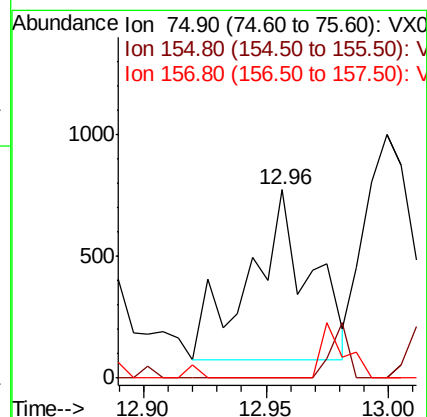
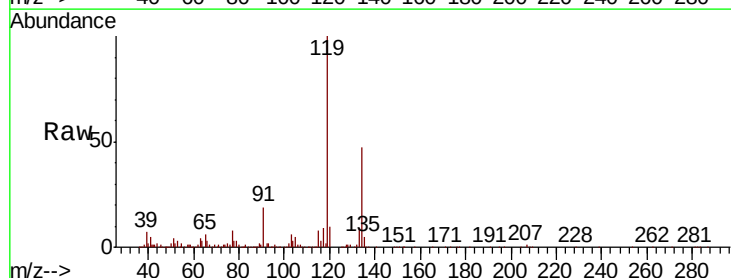
Tgt Ion: 75 Resp: 1188

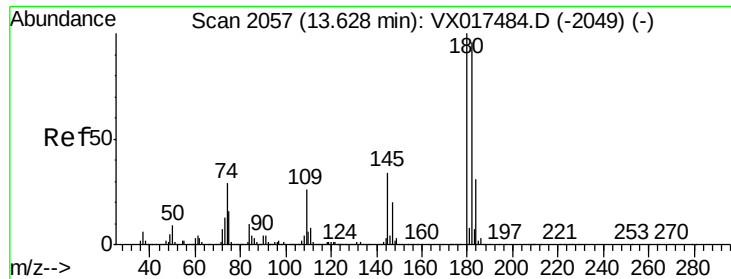
Ion Ratio Lower Upper

75 100

155 0.0 42.3 126.8#

157 0.0 54.3 162.9#

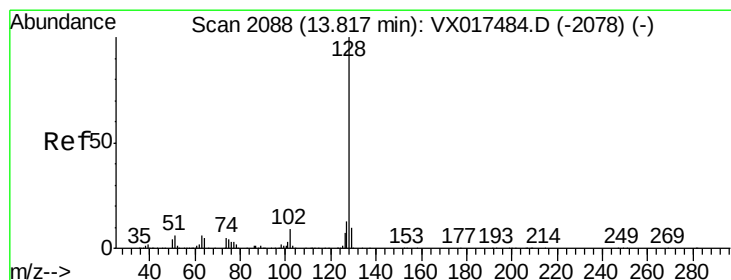
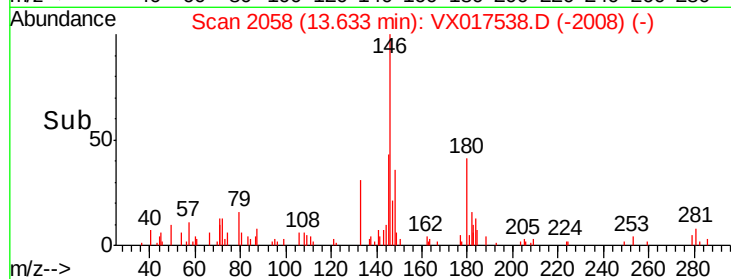
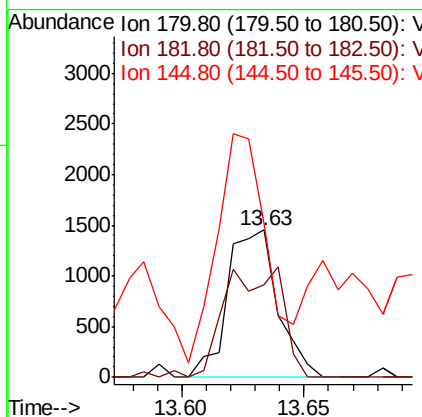
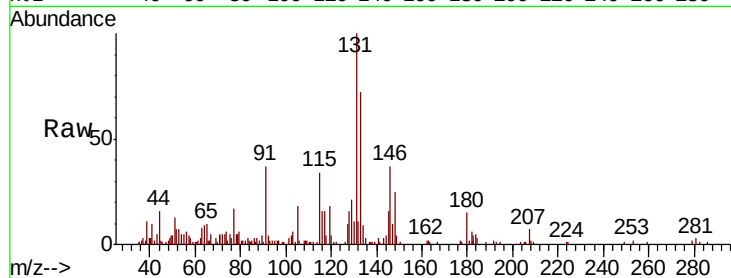




#93
 1,2,4-Trichlorobenzene
 Concen: 0.211 ug/l
 RT: 13.63 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 1754

Tot Ion	Ratio	Lower	Upper
180	100		
182	85.5	47.5	142.6
145	153.5	15.4	46.4#



#95
 Naphthalene
 Concen: 16.506 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	8.9	13.3

