

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018341.D
 Acq On : 10 Sep 2020 16:03
 Operator : JC/SP
 Sample : L3952-08 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40556

Quant Time: Sep 11 06:53:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	424595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	691247	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	685313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	379665	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	301200	51.10	ug/l	0.00
Spiked Amount						
			Recovery	=	102.20%	
35) Dibromofluoromethane	5.46	113	234910	49.90	ug/l	0.00
Spiked Amount						
			Recovery	=	99.80%	
50) Toluene-d8	8.70	98	849296	48.44	ug/l	0.00
Spiked Amount						
			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.12	95	360791	52.30	ug/l	0.00
Spiked Amount						
			Recovery	=	104.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	1394	0.533	ug/l #	32
6) Chloroethane	1.70	64	602	0.207	ug/l #	48
10) Methyl Iodide	2.50	142	1704	5.643	ug/l #	42
11) Tert butyl alcohol	3.03	59	1504	1.312	ug/l #	85
13) Acrolein	2.32	56	519	1.092	ug/l #	55
16) Acetone	2.43	43	321559	140.000	ug/l	93
18) Methyl Acetate	2.76	43	3327	0.600	ug/l #	76
19) Methyl tert-butyl Ether	3.17	73	15336	1.078	ug/l	95
20) Methylene Chloride	2.82	84	2298	Below Cal	#	61
22) Diisopropyl ether	3.82	45	5477	0.372	ug/l #	76
25) 2-Butanone	4.65	43	11017	2.919	ug/l	98
36) 1,1-Dichloropropene	5.62	75	33287	5.221	ug/l #	53
37) Ethyl Acetate	4.79	43	77592	10.478	ug/l	98
38) Carbon Tetrachloride	5.63	117	44927	6.253	ug/l #	17
40) Benzene	6.11	78	474497	25.328	ug/l	96
43) Isopropyl Acetate	6.20	43	44936	3.757	ug/l #	62
49) 1,4-Dioxane	7.71	88	136	1.261	ug/l #	23
52) Toluene	8.76	92	491482	41.373	ug/l	98
59) 2-Hexanone	9.56	43	1194	0.213	ug/l	87
67) Ethyl Benzene	10.23	91	97157	4.174	ug/l	100
68) m/p-Xylenes	10.34	106	134573	15.490	ug/l	97
69) o-Xylene	10.68	106	89970	10.683	ug/l	99
70) Styrene	10.68	104	6908	0.482	ug/l #	1
73) Isopropylbenzene	11.00	105	15820	0.632	ug/l	93
74) N-amyl acetate	10.80	43	3683	0.310	ug/l #	47
76) 1,2,3-Trichloropropane	11.12	75	187692	22.223	ug/l #	36
78) n-propylbenzene	11.34	91	51118	1.798	ug/l	99
79) 2-Chlorotoluene	11.42	91	28945	1.648	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	61628	2.995	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	187692	60.021	ug/l #	12
82) 4-Chlorotoluene	11.49	91	8250	0.395	ug/l #	58
83) tert-Butylbenzene	11.79	119	36378	1.791	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.79	105	283443	13.472	ug/l	98
85) sec-Butylbenzene	11.93	105	12208	0.529	ug/l #	77

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
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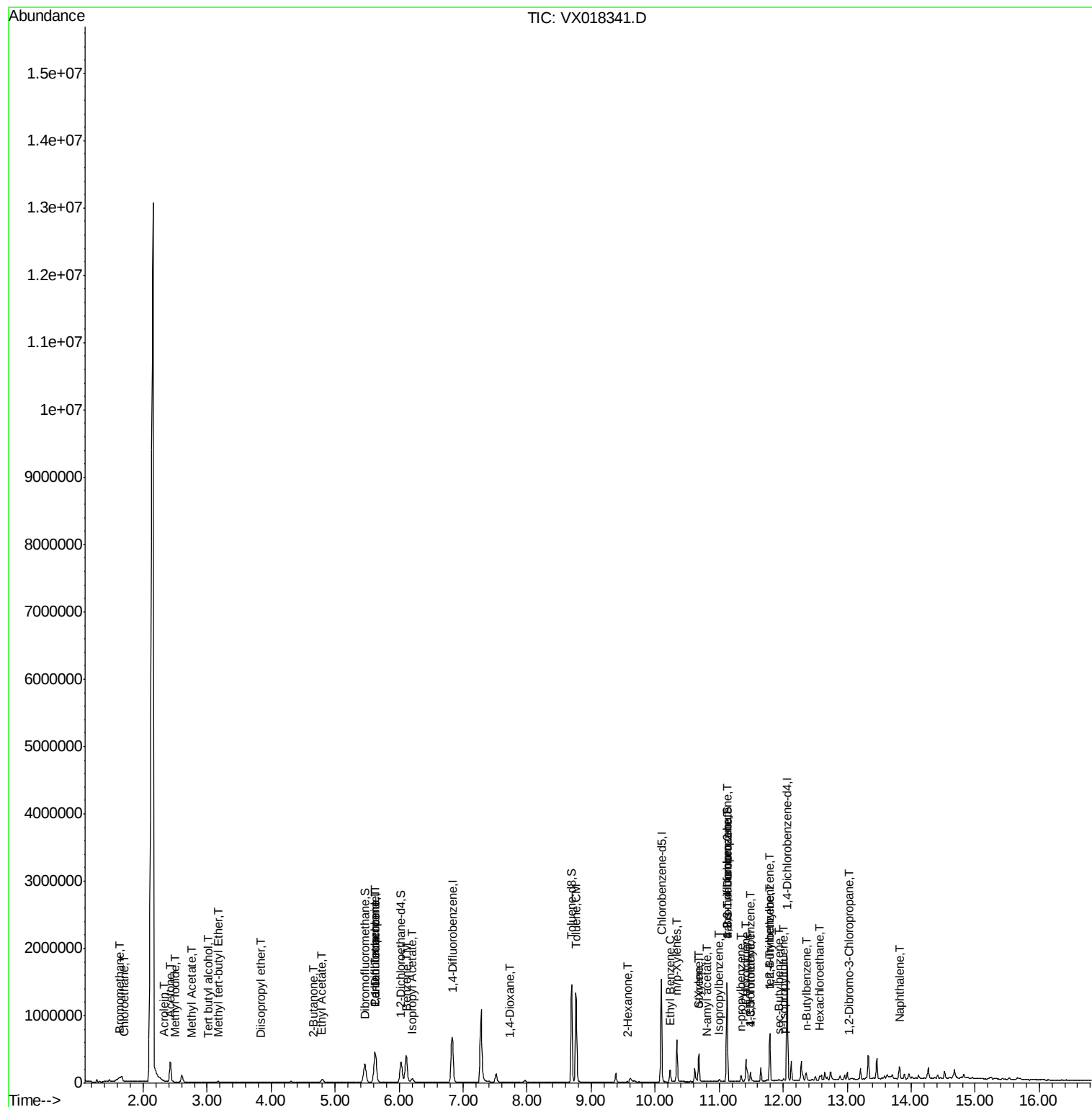
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.01	119	15279	0.720	ug/l	89
89) n-Butylbenzene	12.37	91	23599	1.219	ug/l #	45
90) Hexachloroethane	12.57	117	3137	0.752	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	13.03	75	472	0.214	ug/l	62
95) Naphthalene	13.82	128	110454	4.399	ug/l	96

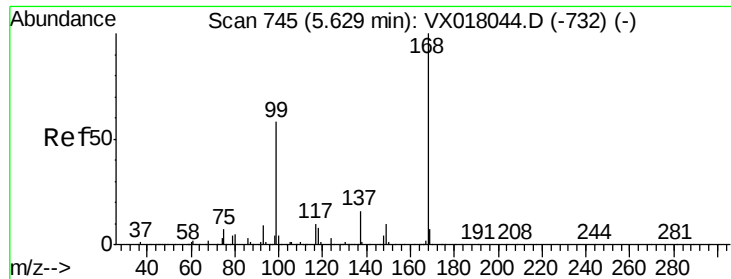
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

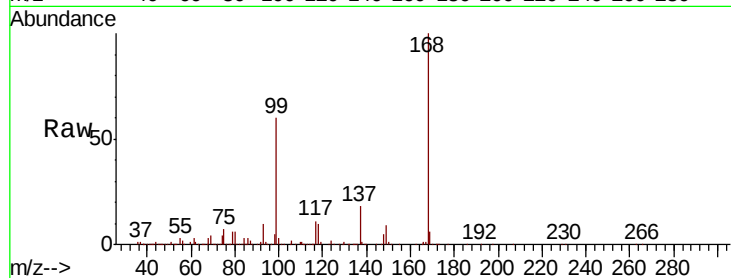
40556

Tot Ion:168 Resp: 424595

Ion Ratio Lower Upper

168 100

99 60.3 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

50000

0

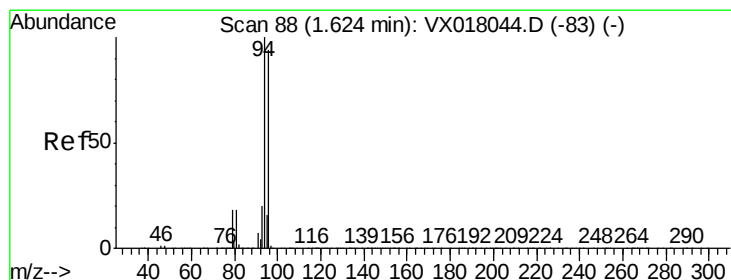
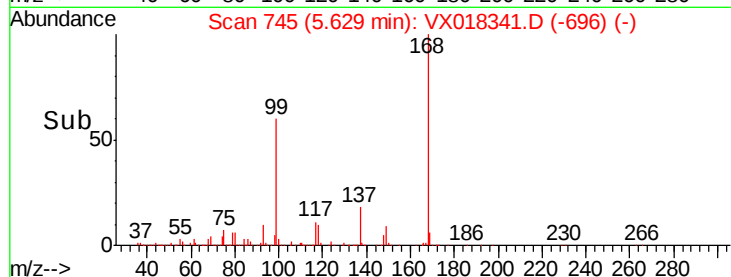
5.50

5.60

5.70

5.80

Time-->



#5

Bromomethane

Concen: 0.533 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018341.D

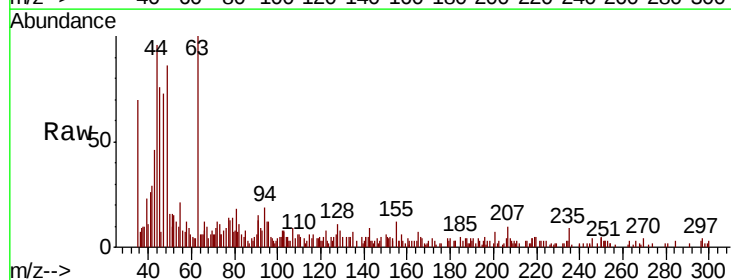
Acq: 10 Sep 2020 16:03

Tgt Ion: 94 Resp: 1394

Ion Ratio Lower Upper

94 100

96 27.9 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

800

600

400

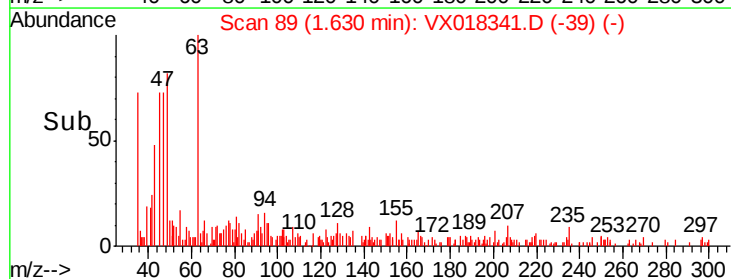
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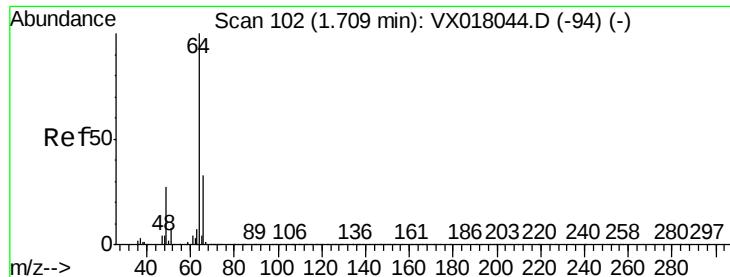
0

1.60

1.65

Time-->





#6

Chloroethane

Concen: 0.207 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampled :

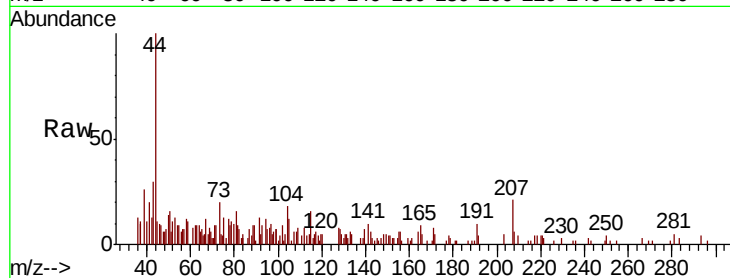
40556

Tot Ion: 64 Resp: 602

Ion Ratio Lower Upper

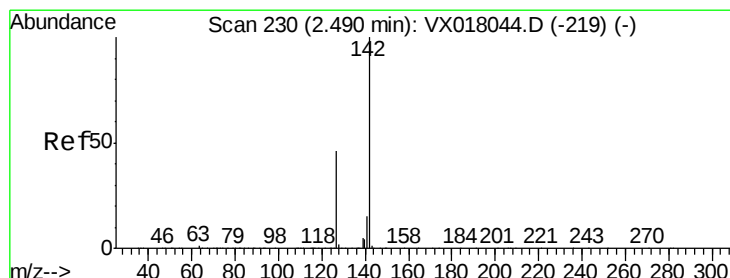
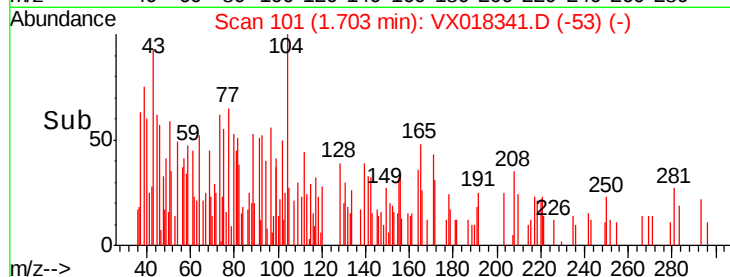
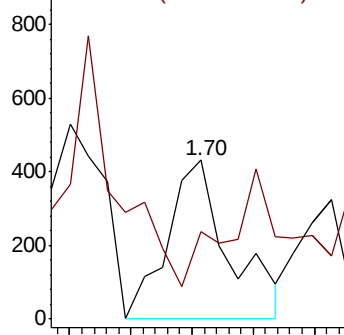
64 100

66 3.9 26.6 39.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 5.643 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

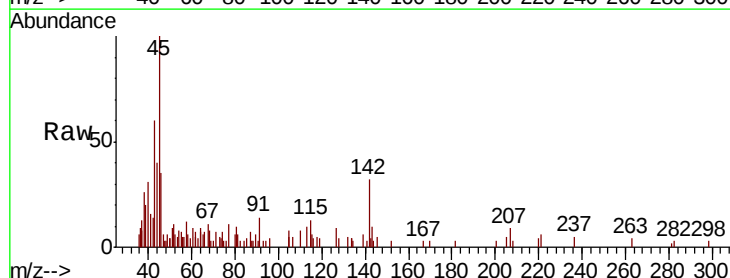
Tgt Ion: 142 Resp: 1704

Ion Ratio Lower Upper

142 100

127 0.0 37.0 55.6#

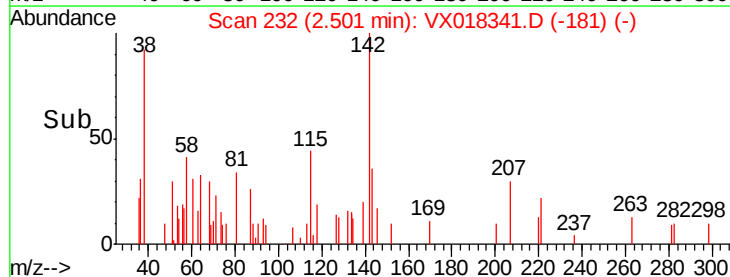
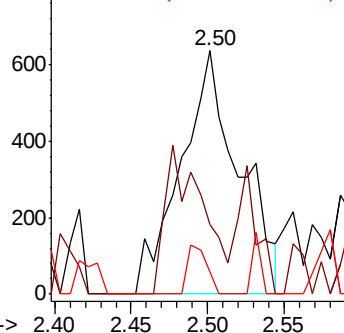
141 6.5 11.5 17.3#

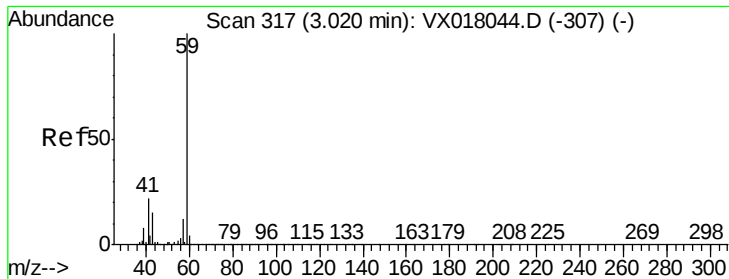


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

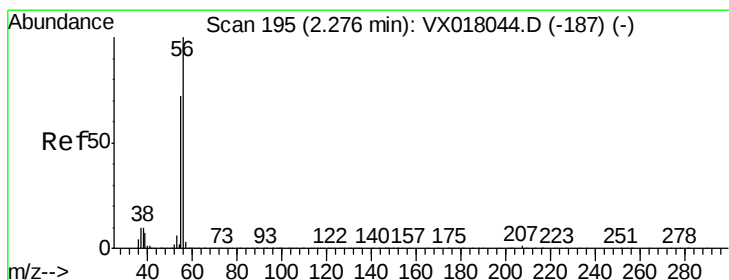
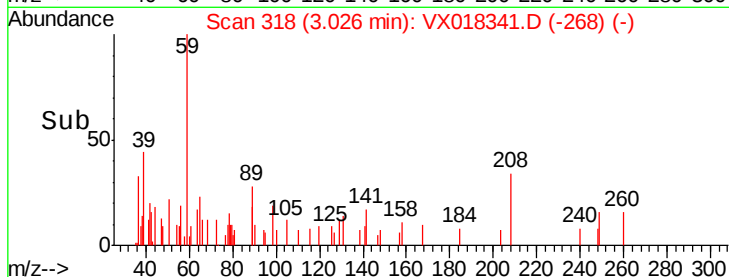
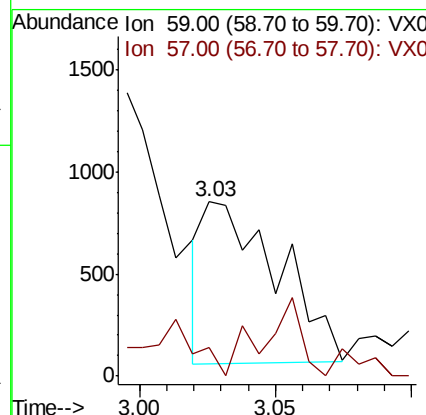
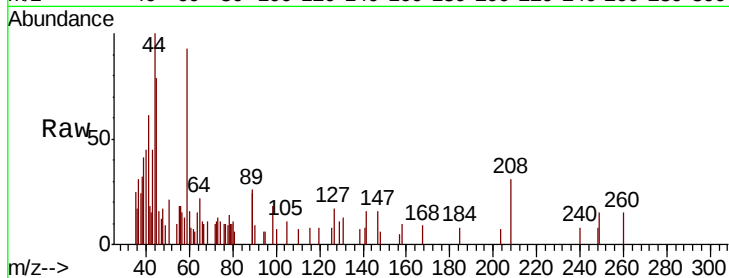




#11
Tert butyl alcohol
Concen: 1.312 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018341.D
Acq: 10 Sep 2020 16:03

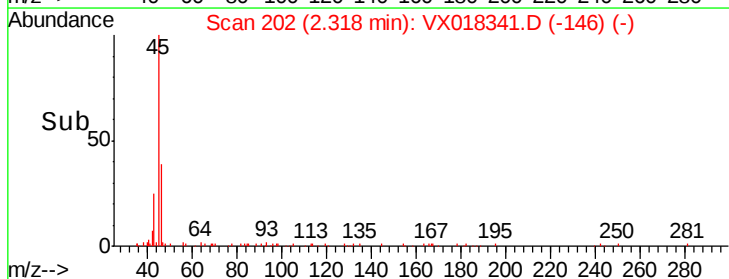
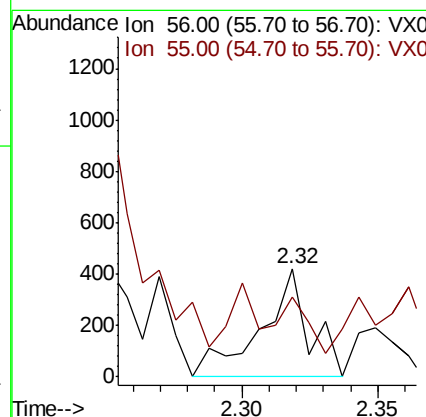
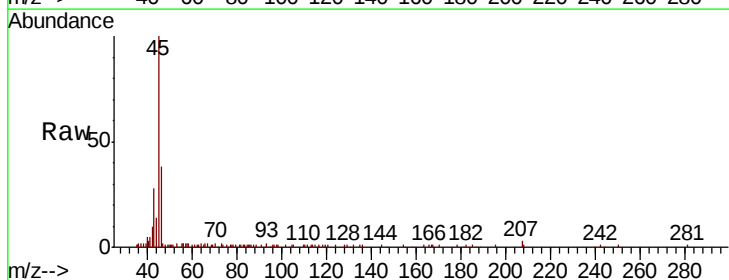
Instrument :
MSVOA_X
ClientSampled :
40556

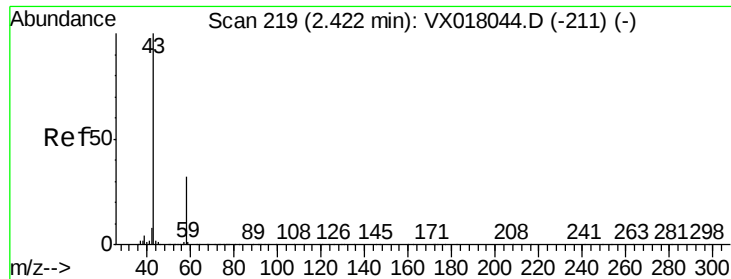
Tot Ion: 59 Resp: 1504
Ion Ratio Lower Upper
59 100
57 16.6 8.9 13.3#



#13
Acrolein
Concen: 1.092 ug/l
RT: 2.32 min Scan# 202
Delta R.T. 0.04 min
Lab File: VX018341.D
Acq: 10 Sep 2020 16:03

Tgt Ion: 56 Resp: 519
Ion Ratio Lower Upper
56 100
55 34.3 57.0 85.6#





#16

Acetone

Concen: 140.000 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

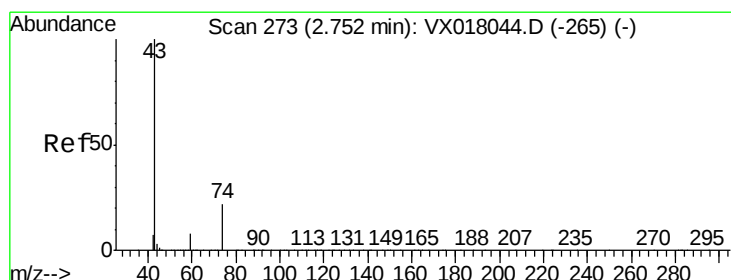
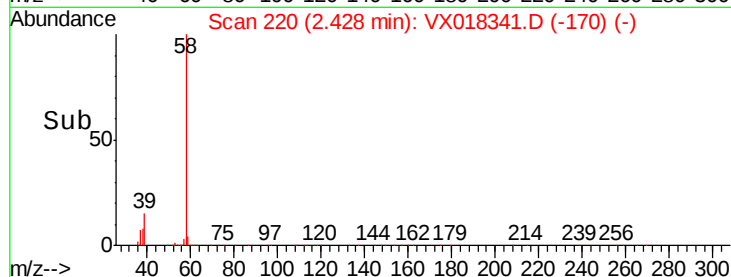
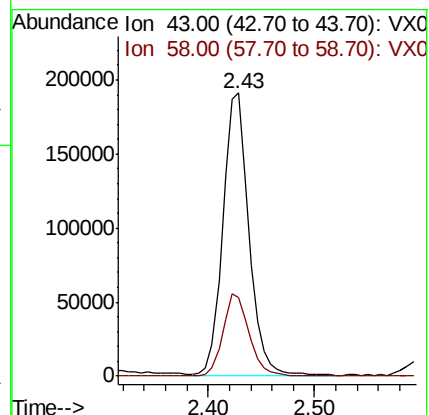
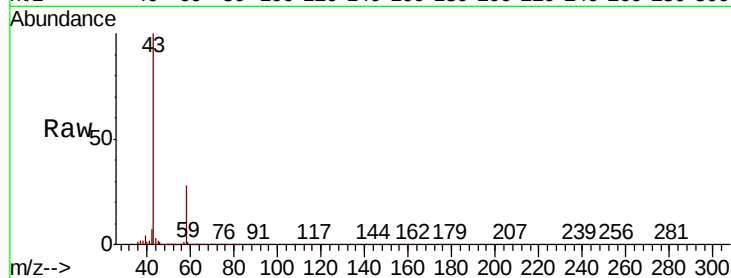
40556

Tot Ion: 43 Resp: 321559

Ion Ratio Lower Upper

43 100

58 27.9 25.5 38.3



#18

Methyl Acetate

Concen: 0.600 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX018341.D

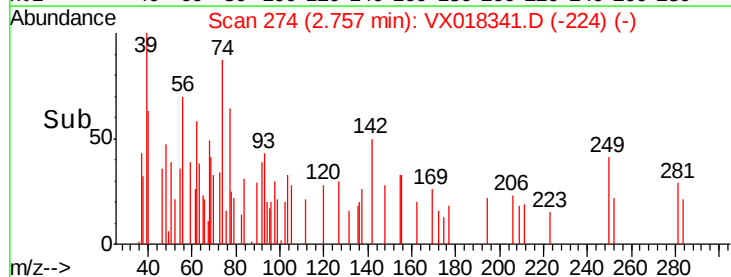
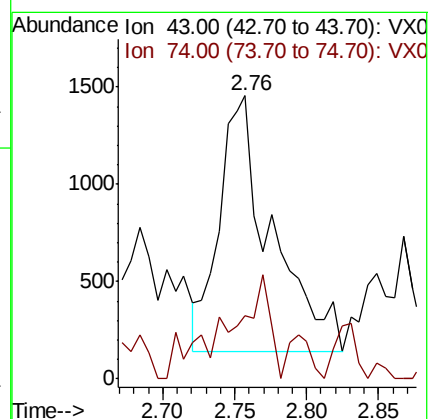
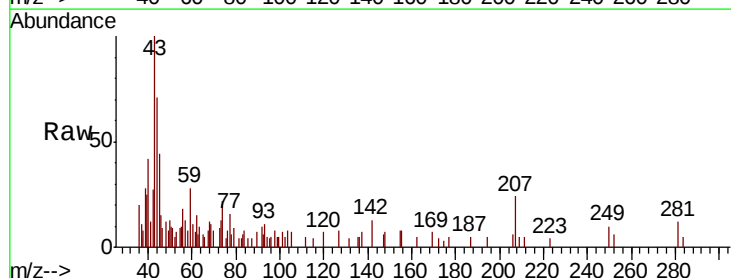
Acq: 10 Sep 2020 16:03

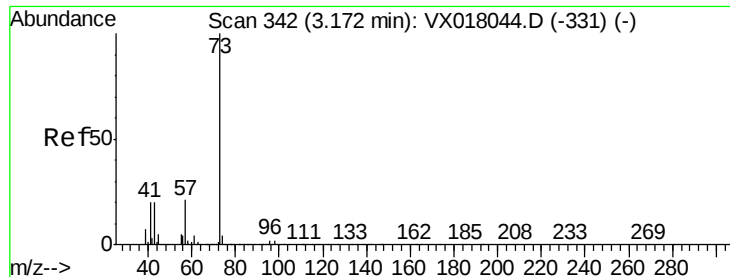
Tgt Ion: 43 Resp: 3327

Ion Ratio Lower Upper

43 100

74 34.5 18.2 27.4#

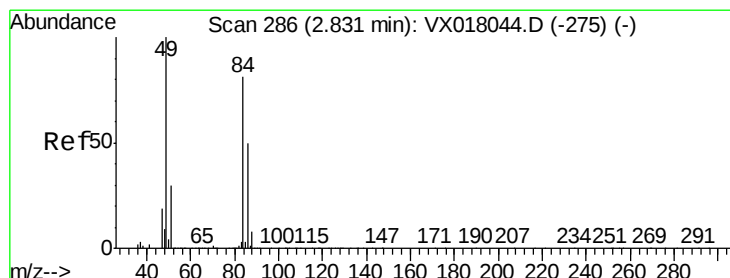
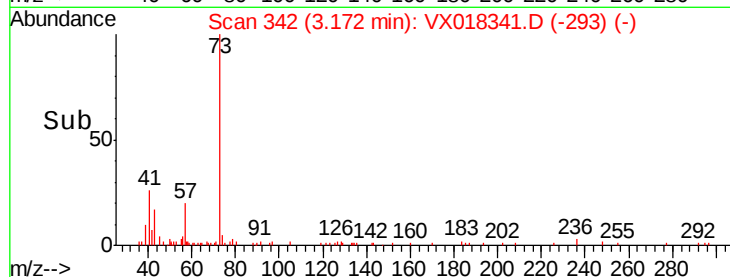
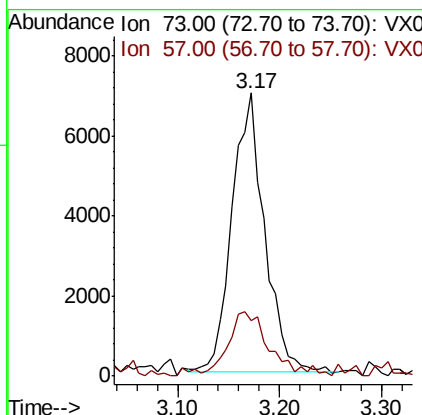
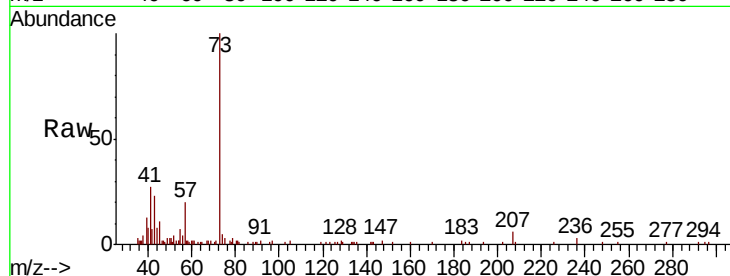




#19
Methyl tert-butyl Ether
Concen: 1.078 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018341.D
Acq: 10 Sep 2020 16:03

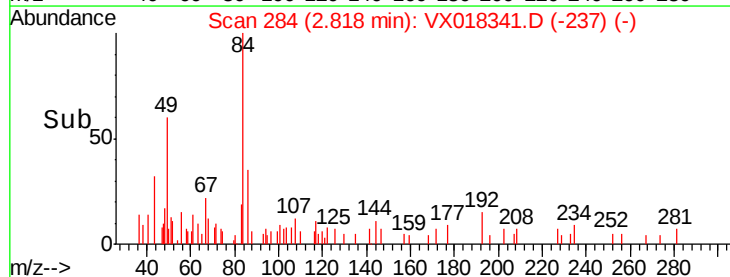
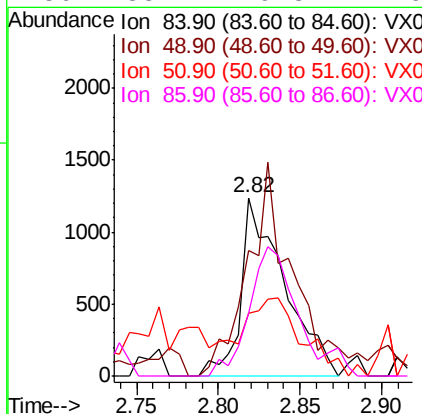
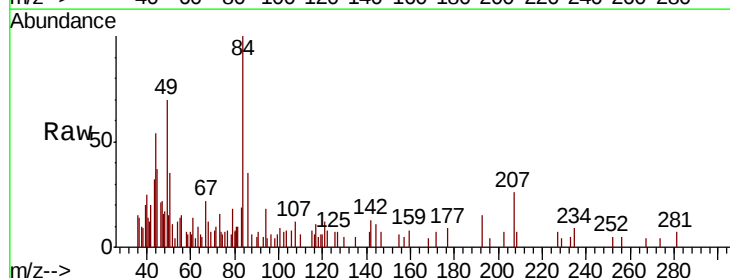
Instrument :
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ClientSampleId :
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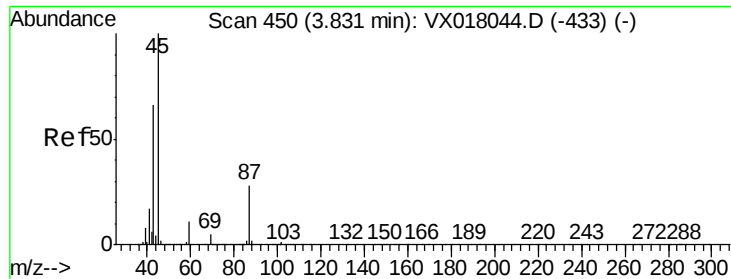
Tot Ion: 73 Resp: 15336
Ion Ratio Lower Upper
73 100
57 18.6 16.8 25.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.82 min Scan# 284
Delta R.T. -0.01 min
Lab File: VX018341.D
Acq: 10 Sep 2020 16:03

Tgt Ion: 84 Resp: 2298
Ion Ratio Lower Upper
84 100
49 70.4 98.6 148.0#
51 24.8 29.6 44.4#
86 35.1 49.8 74.6#

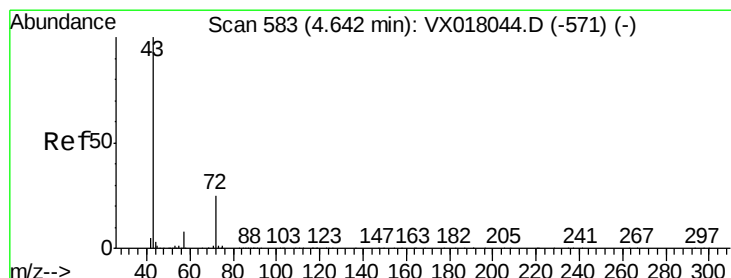
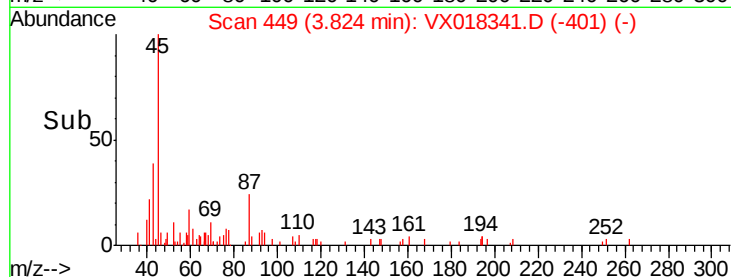
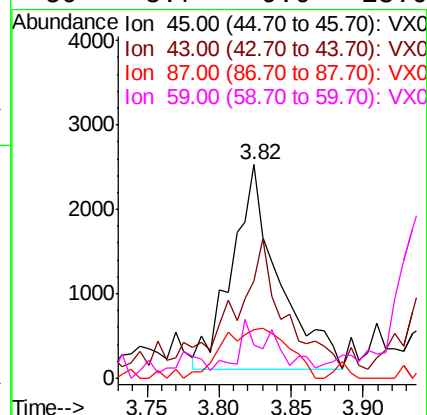
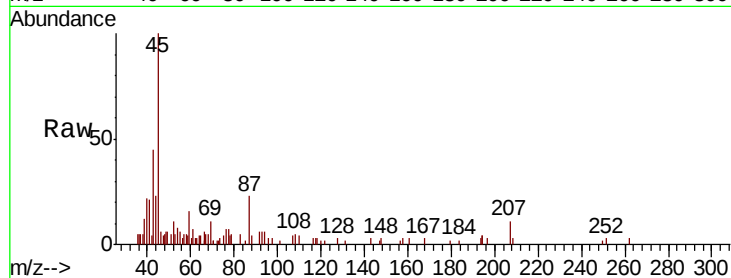




#22
Diisopropyl ether
Concen: 0.372 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX018341.D
Acq: 10 Sep 2020 16:03

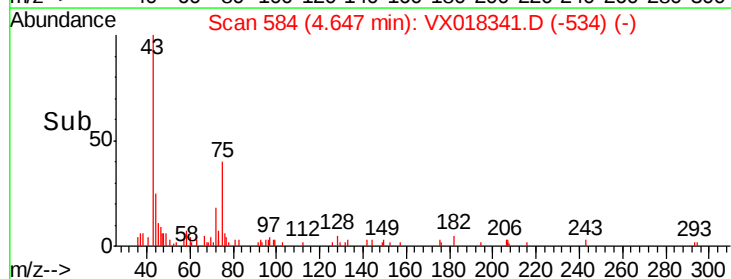
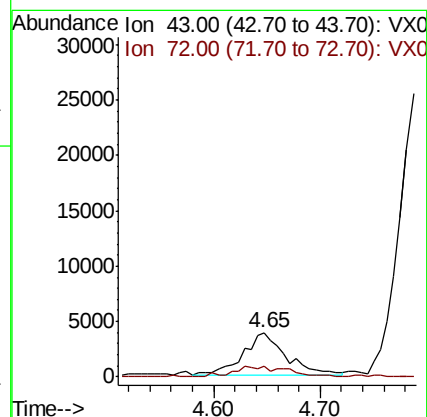
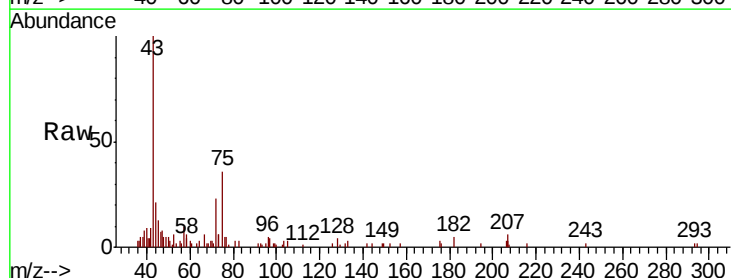
Instrument :
MSVOA_X
ClientSampleId :
40556

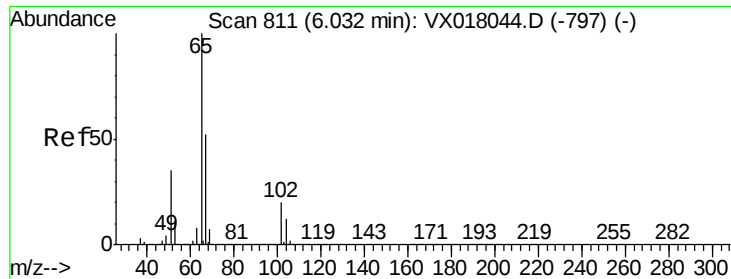
Tot Ion:	45	Resp:	5477
Ion	Ratio	Lower	Upper
45	100		
43	42.3	52.8	79.2#
87	20.7	22.5	33.7#
59	5.7	9.0	13.6#



#25
2-Butanone
Concen: 2.919 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX018341.D
Acq: 10 Sep 2020 16:03

Tgt Ion:	43	Resp:	11017
Ion	Ratio	Lower	Upper
43	100		
72	23.8	19.8	29.6





#33

1,2-Dichloroethane-d4

Concen: 51.099 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampled :

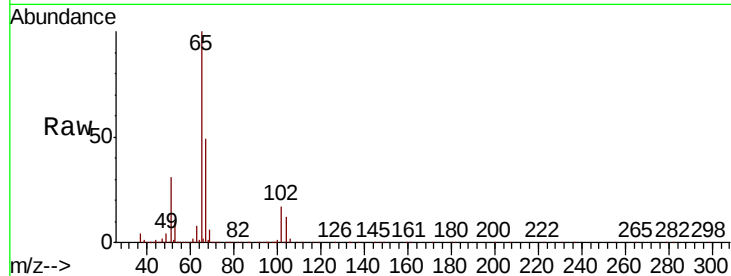
40556

Tot Ion: 65 Resp: 301200

Ion Ratio Lower Upper

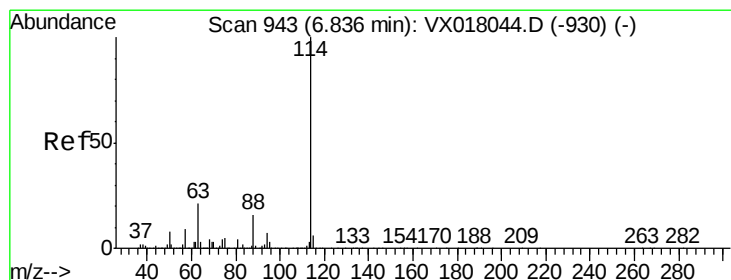
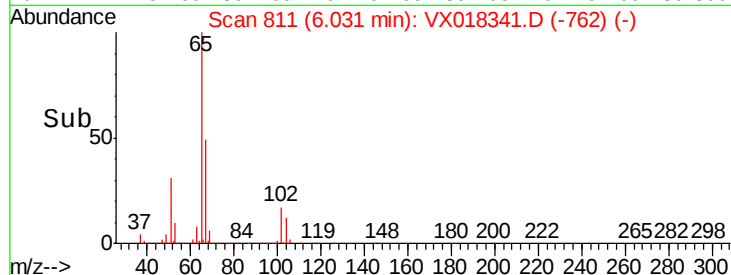
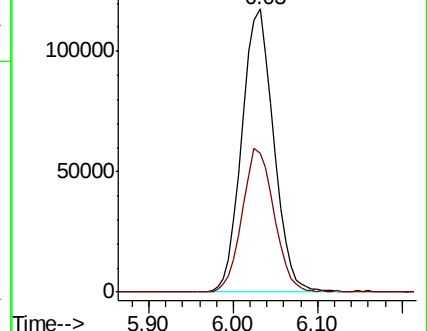
65 100

67 50.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

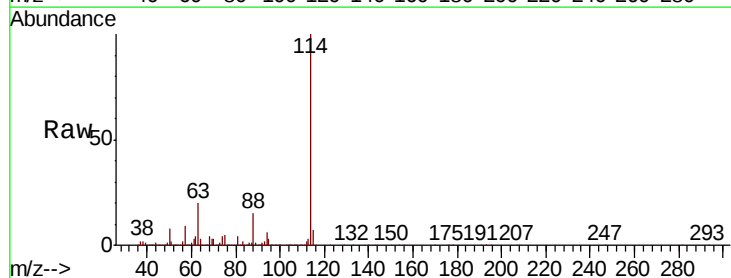
Tgt Ion: 114 Resp: 691247

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

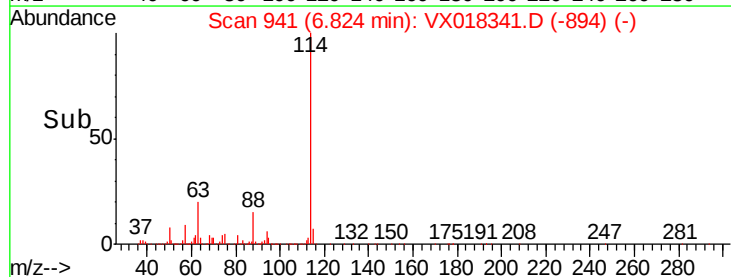
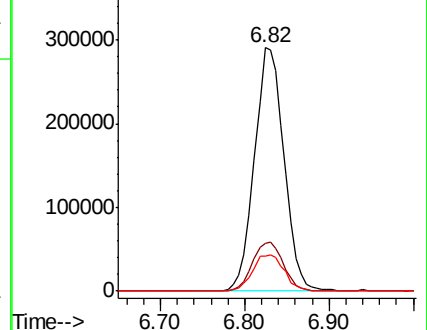
88 14.5 0.0 31.8

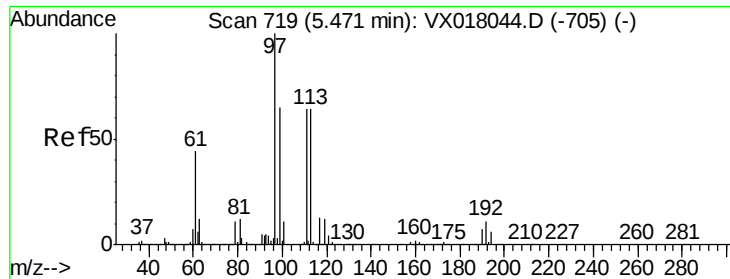


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

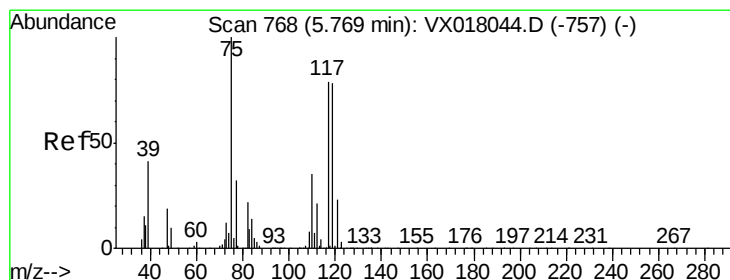
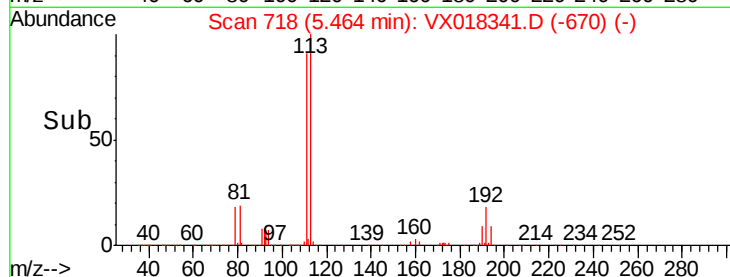
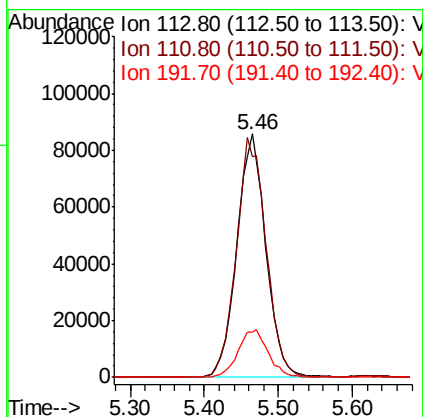
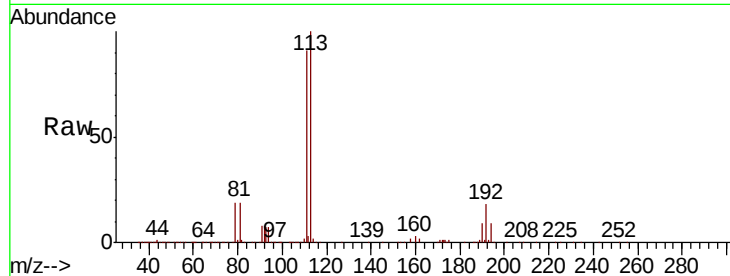




#35
 Dibromofluoromethane
 Concen: 49.899 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018341.D
 Acq: 10 Sep 2020 16:03

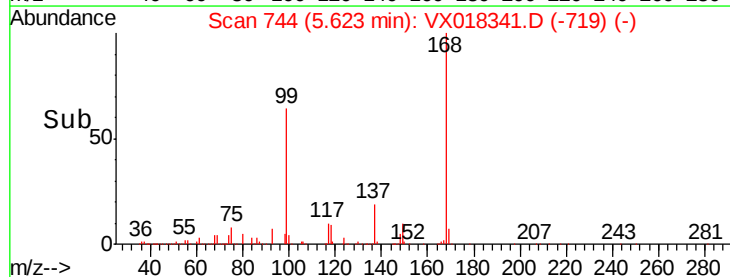
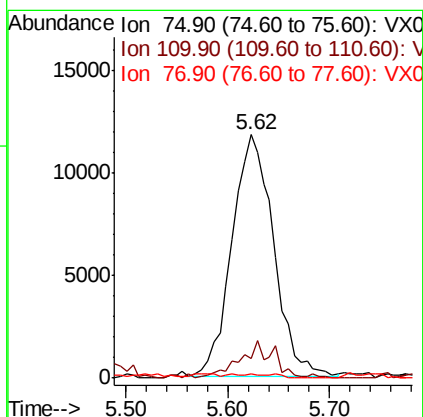
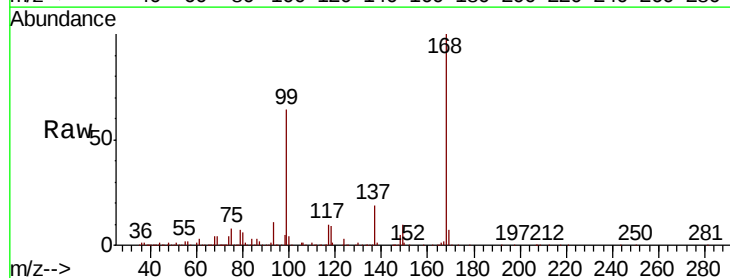
Instrument :
 MSVOA_X
 ClientSampleId :
 40556

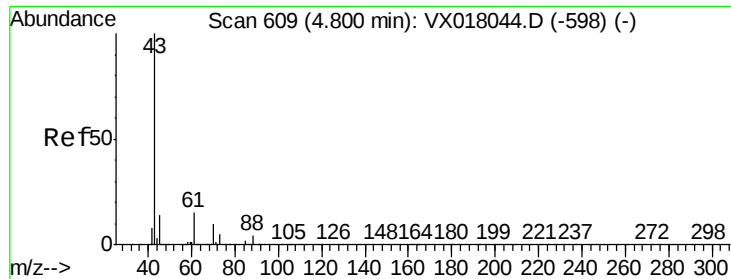
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.6	122.4
192	20.3	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 5.221 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX018341.D
 Acq: 10 Sep 2020 16:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.5	18.0	54.0#
77	0.0	24.4	36.6#

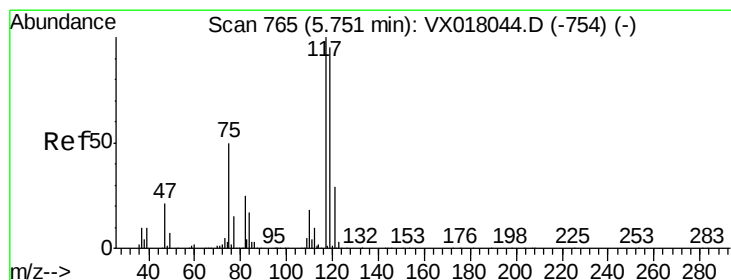
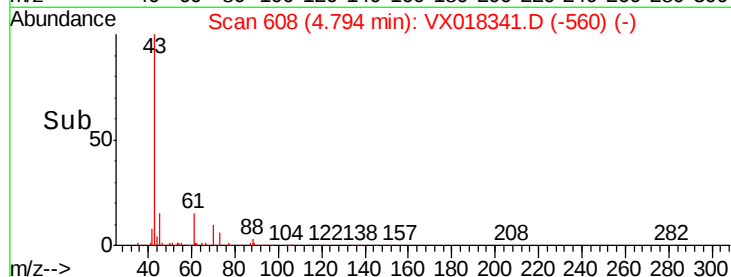
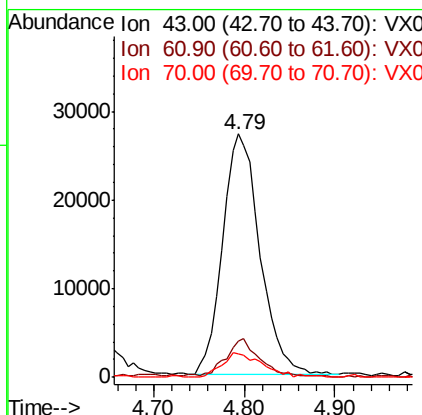
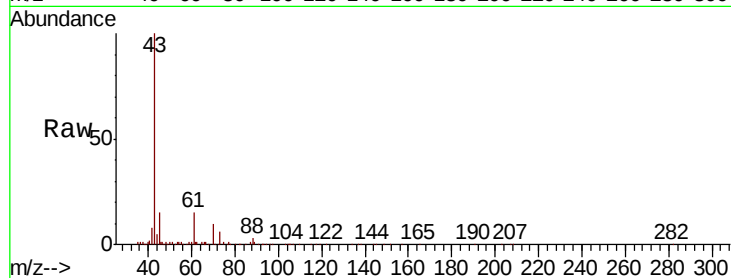




#37
Ethyl Acetate
Concen: 10.478 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018341.D
Acq: 10 Sep 2020 16:03

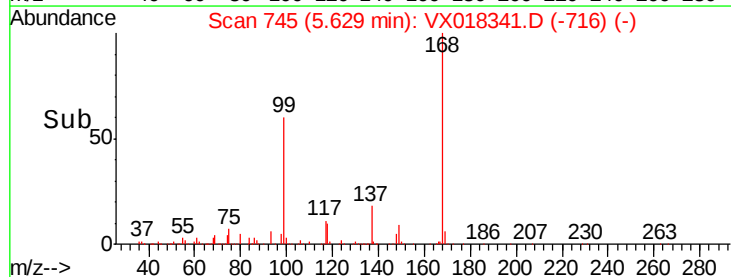
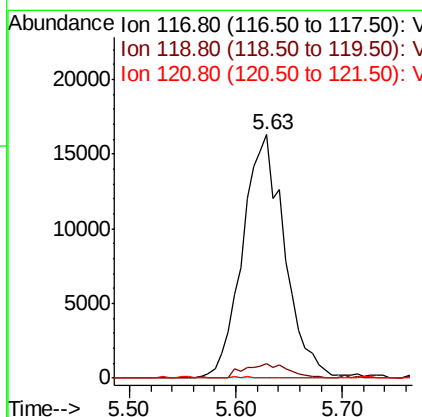
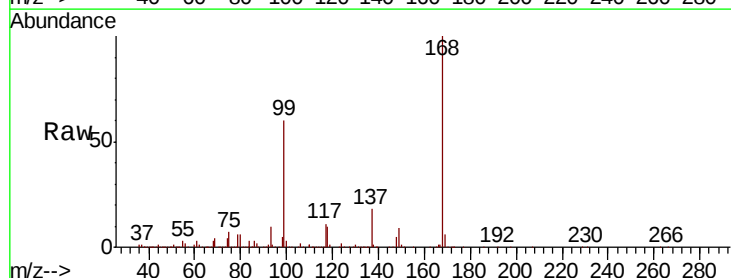
Instrument :
MSVOA_X
ClientSampleId :
40556

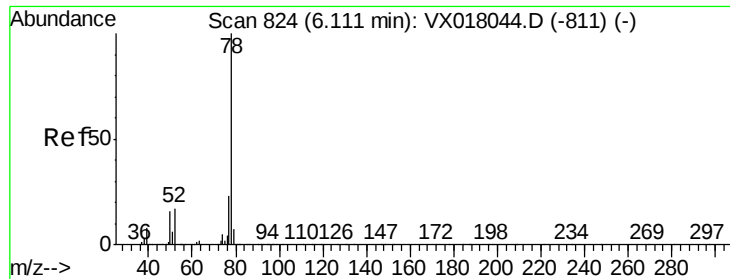
Tot Ion: 43 Resp: 77592
Ion Ratio Lower Upper
43 100
61 13.8 11.3 16.9
70 11.3 8.2 12.4



#38
Carbon Tetrachloride
Concen: 6.253 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX018341.D
Acq: 10 Sep 2020 16:03

Tgt Ion: 117 Resp: 44927
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 23.4 35.0#





#40

Benzene

Concen: 25.328 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

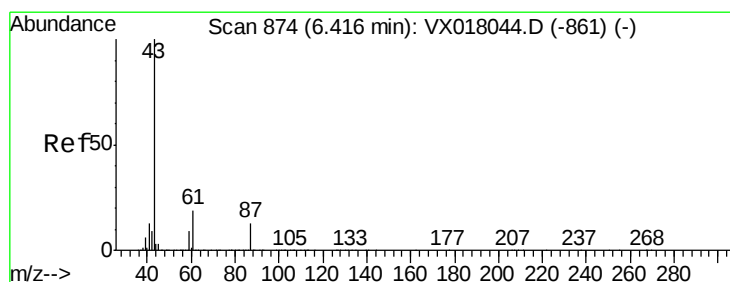
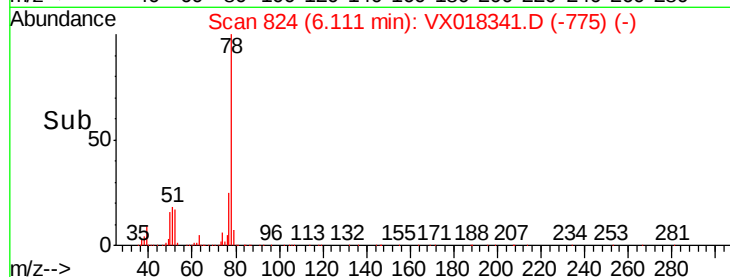
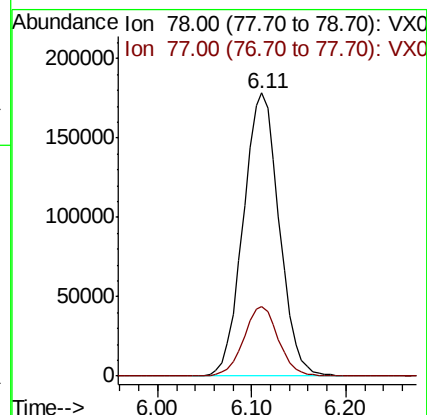
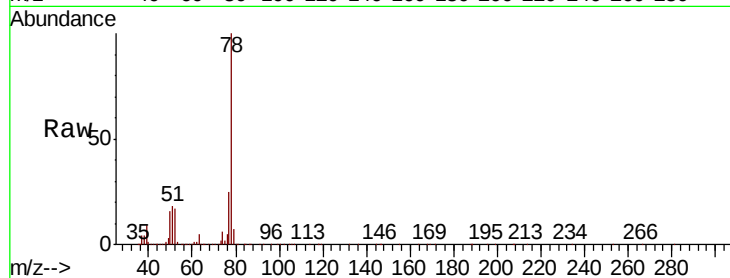
40556

Tot Ion: 78 Resp: 474497

Ion Ratio Lower Upper

78 100

77 24.7 18.2 27.2



#43

Isopropyl Acetate

Concen: 3.757 ug/l

RT: 6.20 min Scan# 839

Delta R.T. -0.21 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

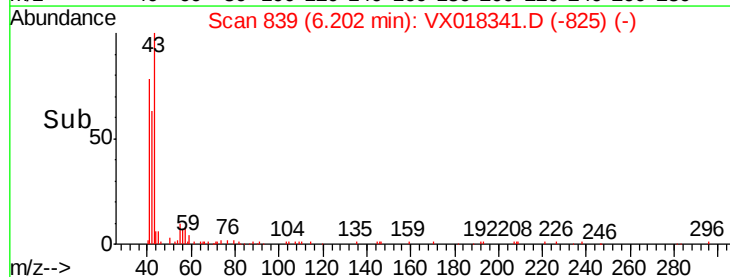
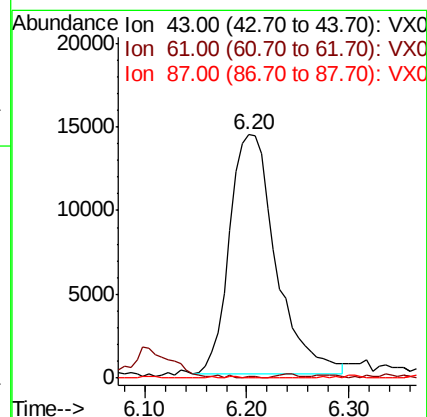
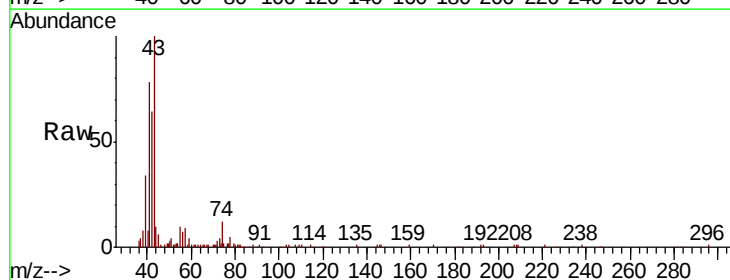
Tgt Ion: 43 Resp: 44936

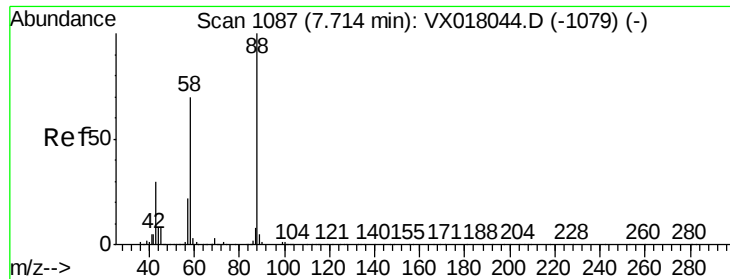
Ion Ratio Lower Upper

43 100

61 0.2 15.7 23.5#

87 0.2 10.3 15.5#





#49

1,4-Dioxane

Concen: 1.261 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

40556

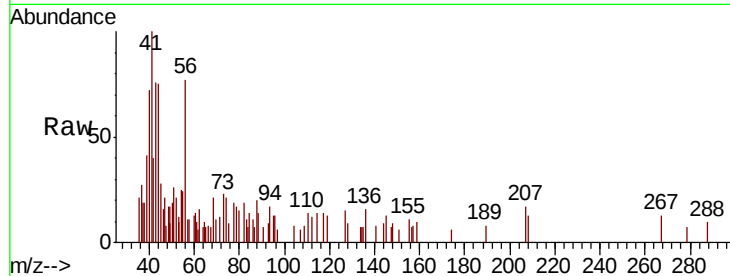
Tot Ion: 88 Resp: 136

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0#

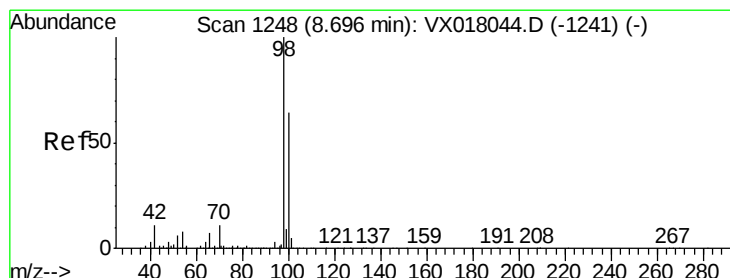
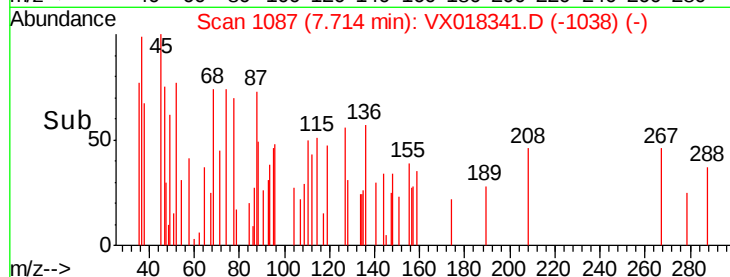
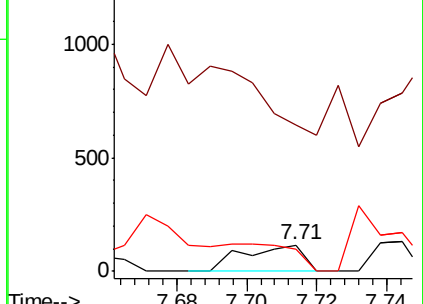
58 0.0 56.4 84.6#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.437 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018341.D

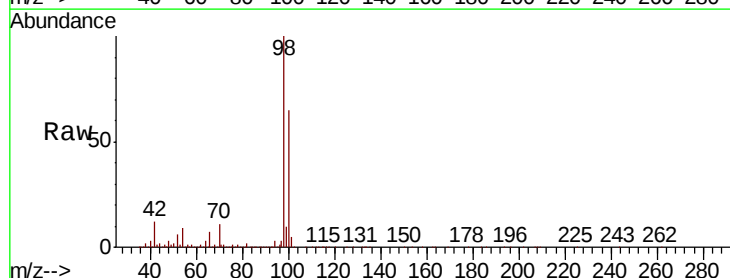
Acq: 10 Sep 2020 16:03

Tgt Ion: 98 Resp: 849296

Ion Ratio Lower Upper

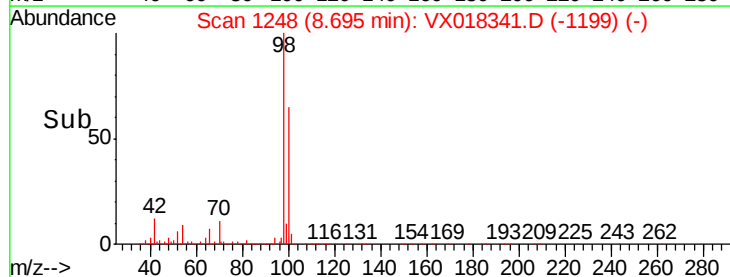
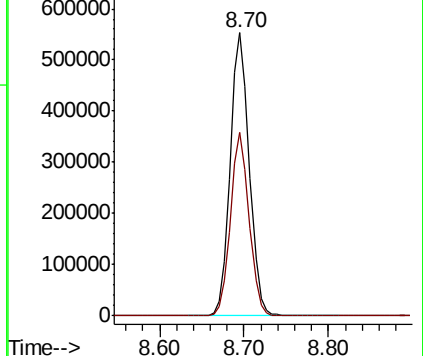
98 100

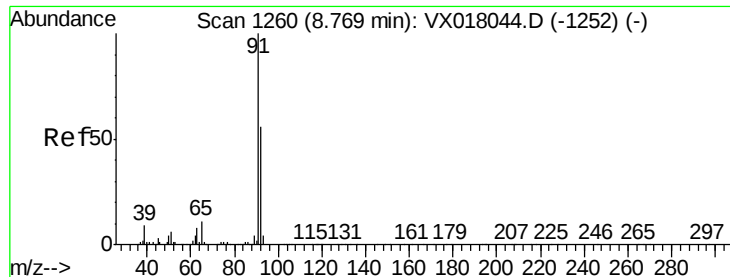
100 63.4 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 41.373 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

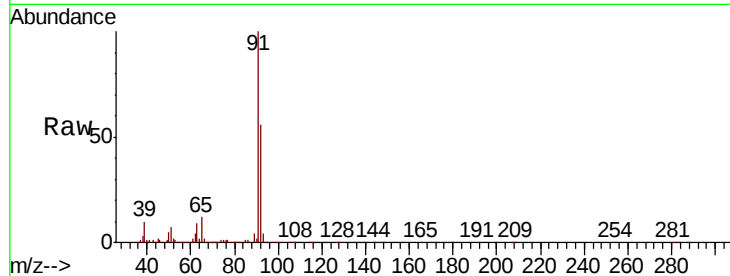
40556

Tot Ion: 92 Resp: 491482

Ion Ratio Lower Upper

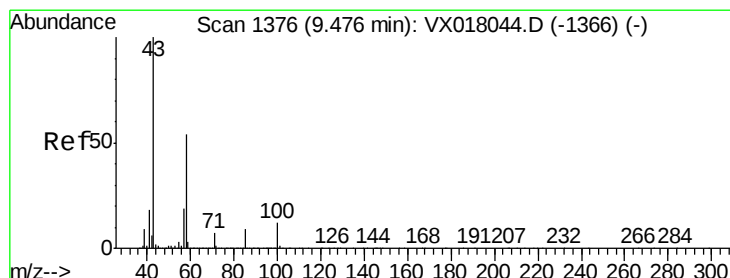
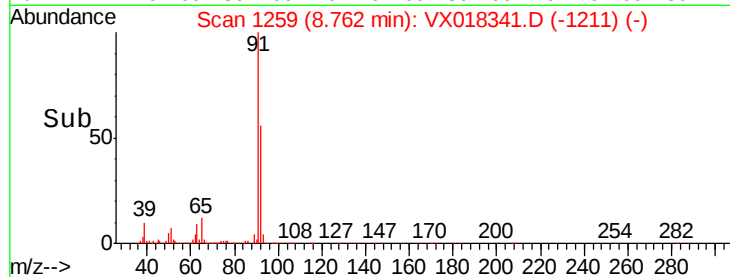
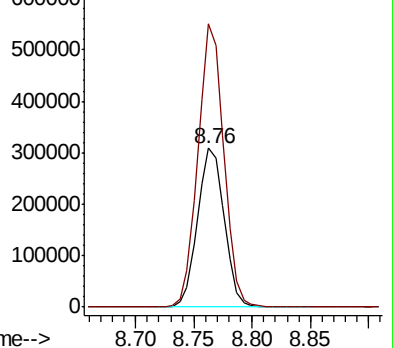
92 100

91 173.2 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 0.213 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.09 min

Lab File: VX018341.D

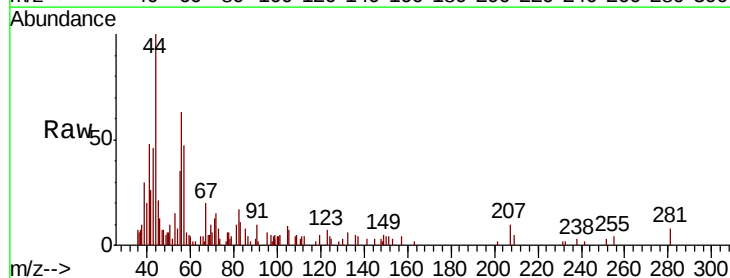
Acq: 10 Sep 2020 16:03

Tgt Ion: 43 Resp: 1194

Ion Ratio Lower Upper

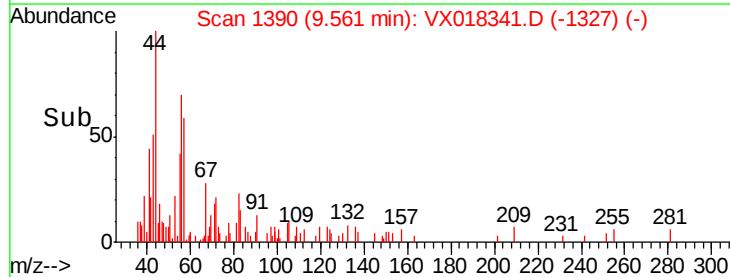
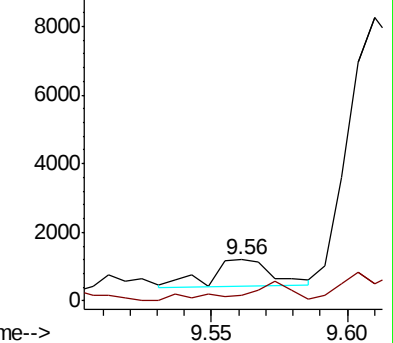
43 100

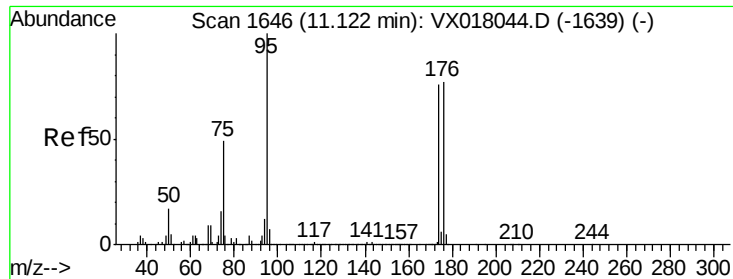
58 62.3 26.6 79.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.299 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

40556

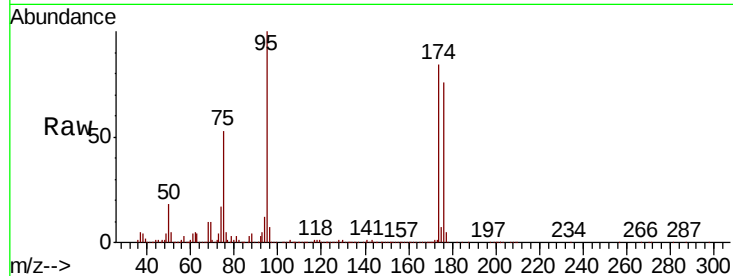
Tot Ion: 95 Resp: 360791

Ion Ratio Lower Upper

95 100

174 79.1 0.0 160.2

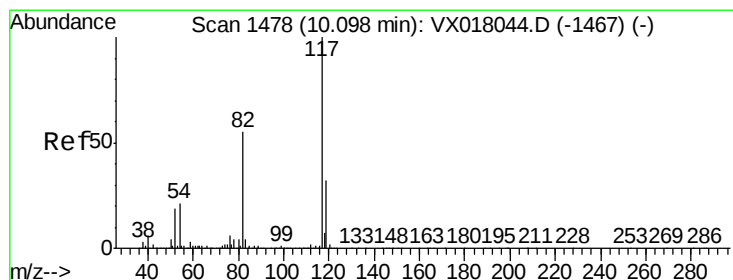
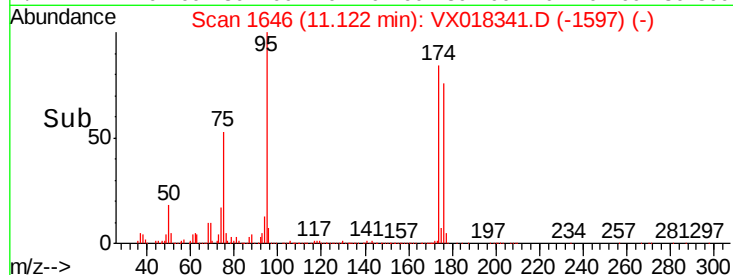
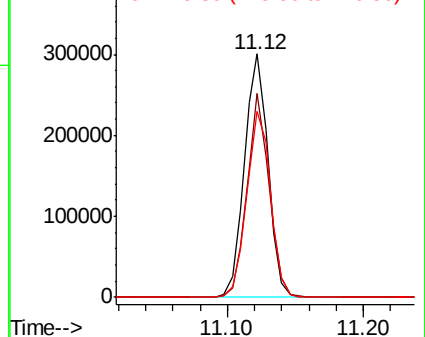
176 78.0 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018044.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018044.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018044.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

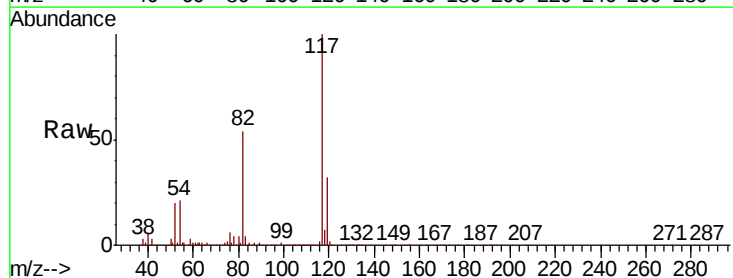
Tgt Ion: 117 Resp: 685313

Ion Ratio Lower Upper

117 100

82 54.2 44.2 66.2

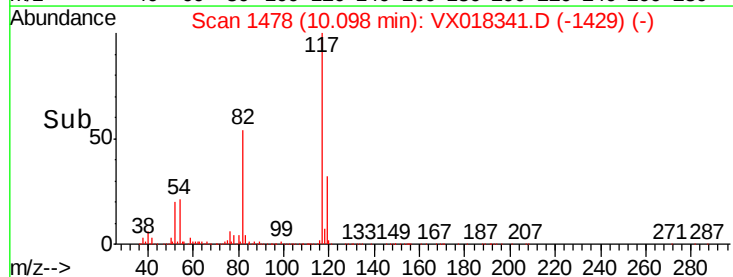
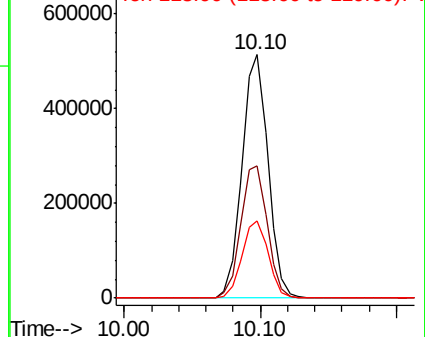
119 31.5 25.7 38.5

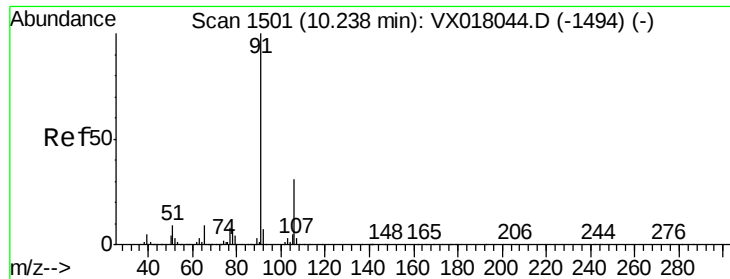


Abundance Ion 116.90 (116.60 to 117.60): VX018044.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX018044.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX018044.D (-1467) (-)

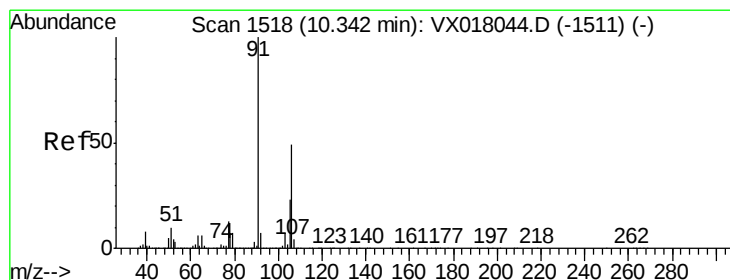
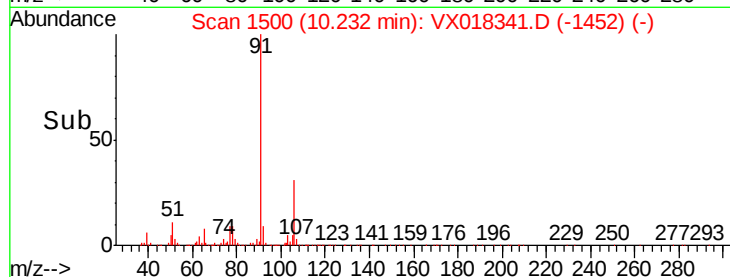
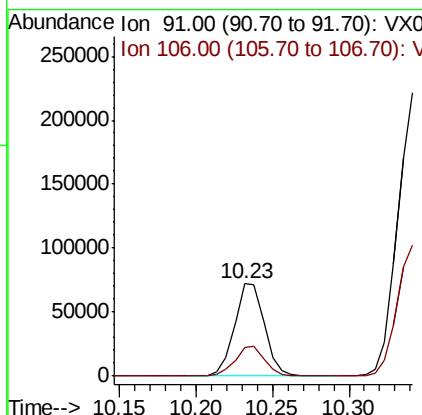
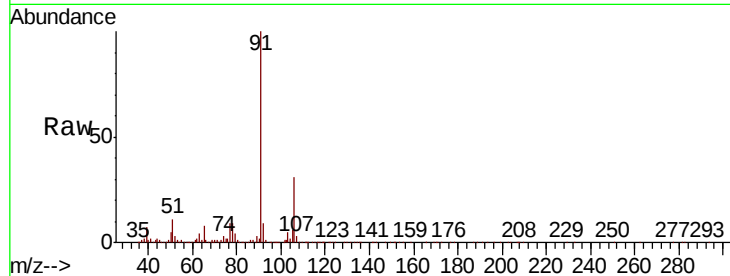




#67
Ethyl Benzene
Concen: 4.174 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018341.D
Acq: 10 Sep 2020 16:03

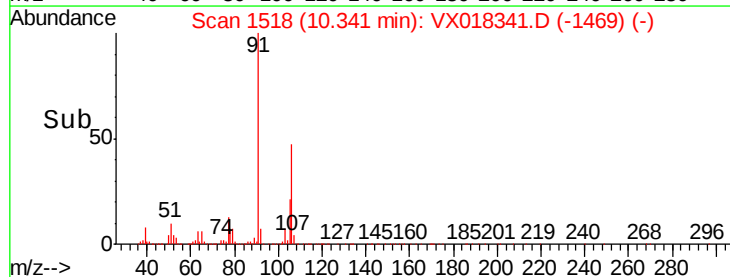
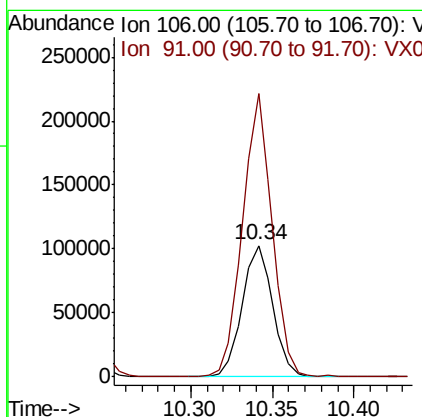
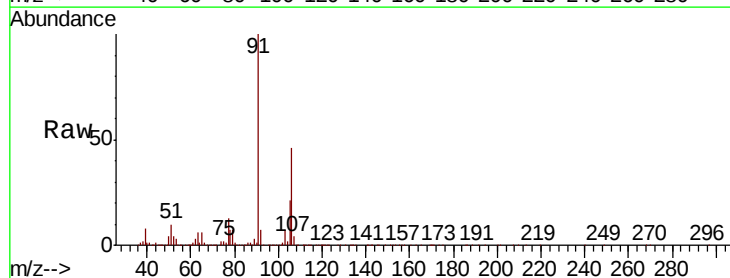
Instrument :
MSVOA_X
ClientSampleId :
40556

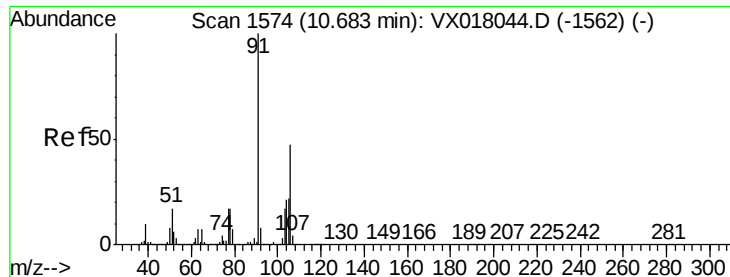
Tot Ion: 91 Resp: 97157
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 15.490 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018341.D
Acq: 10 Sep 2020 16:03

Tgt Ion: 106 Resp: 134573
Ion Ratio Lower Upper
106 100
91 206.6 162.2 243.2

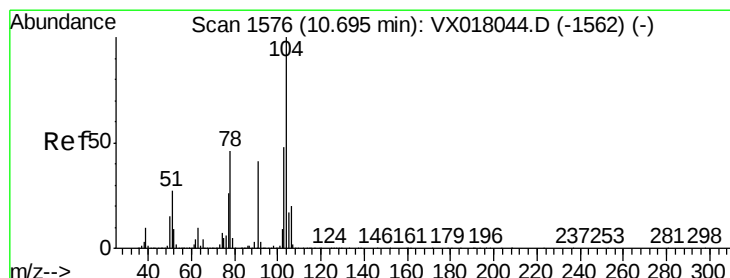
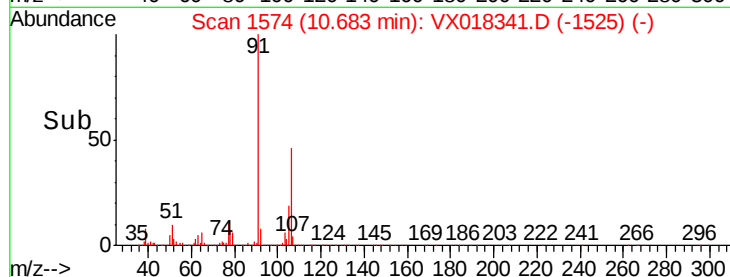
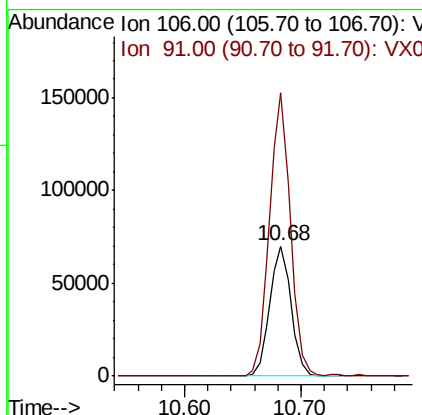
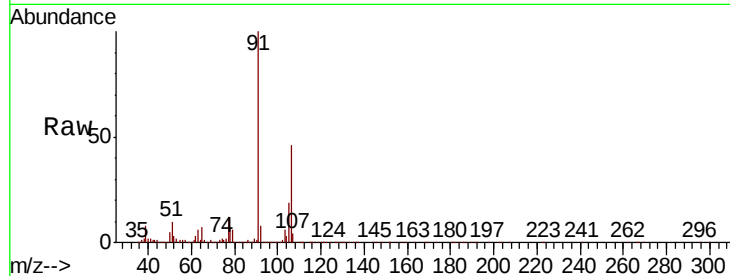




#69
o-Xylene
Concen: 10.683 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018341.D
Acq: 10 Sep 2020 16:03

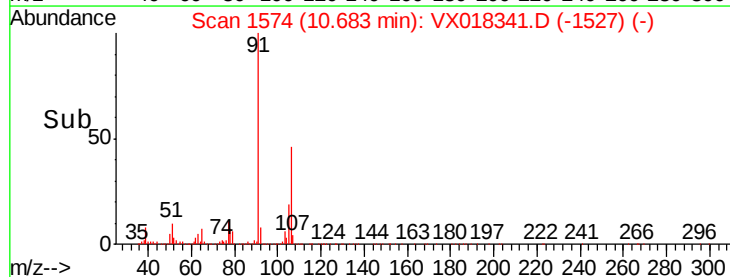
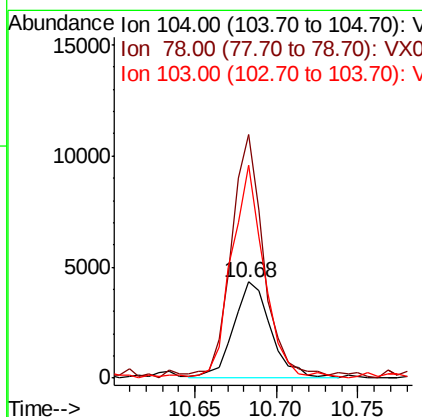
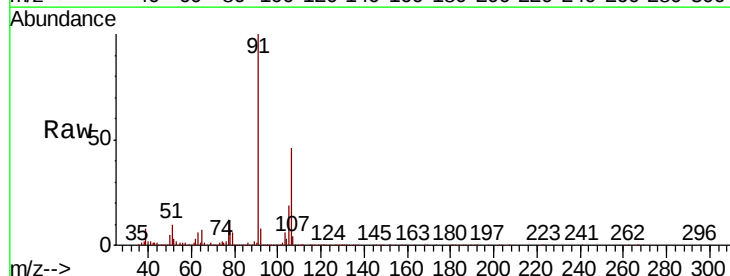
Instrument :
MSVOA_X
ClientSampleId :
40556

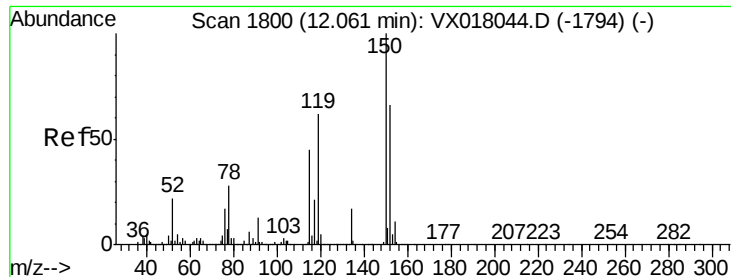
Tot Ion:106 Resp: 89970
Ion Ratio Lower Upper
106 100
91 212.0 107.1 321.3



#70
Styrene
Concen: 0.482 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX018341.D
Acq: 10 Sep 2020 16:03

Tgt Ion:104 Resp: 6908
Ion Ratio Lower Upper
104 100
78 214.1 40.9 61.3#
103 197.7 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

40556

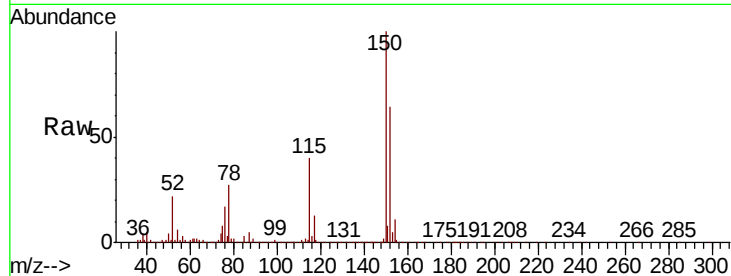
Tot Ion:152 Resp: 379665

Ion Ratio Lower Upper

152 100

115 60.1 41.5 124.5

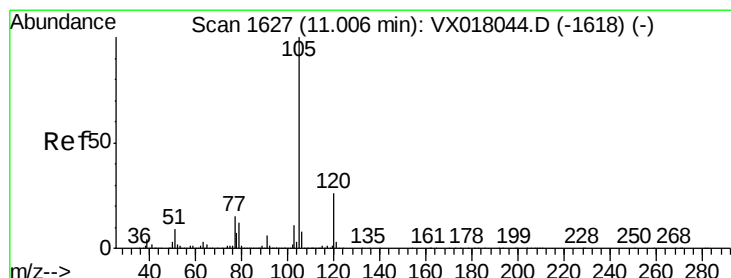
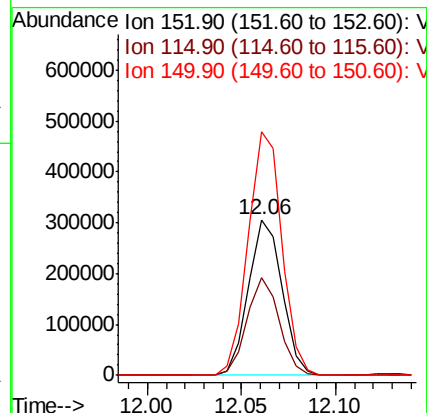
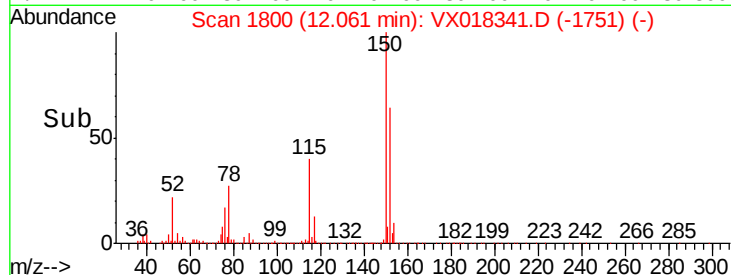
150 156.9 0.0 343.8



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: 0.632 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018341.D

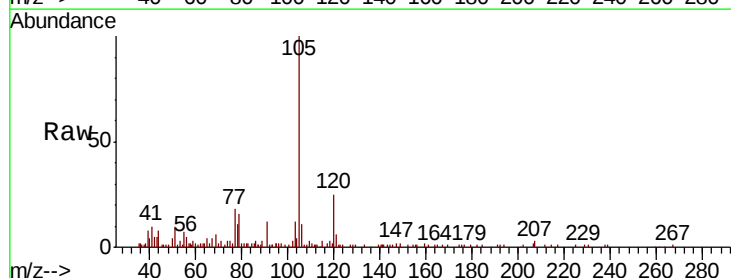
Acq: 10 Sep 2020 16:03

Tgt Ion:105 Resp: 15820

Ion Ratio Lower Upper

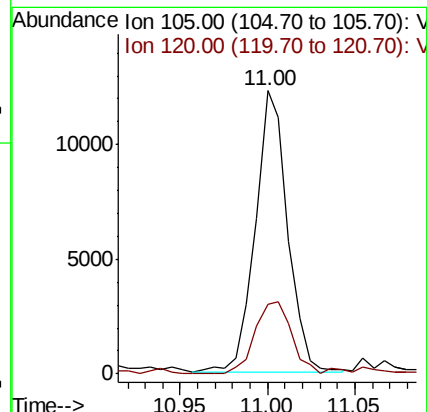
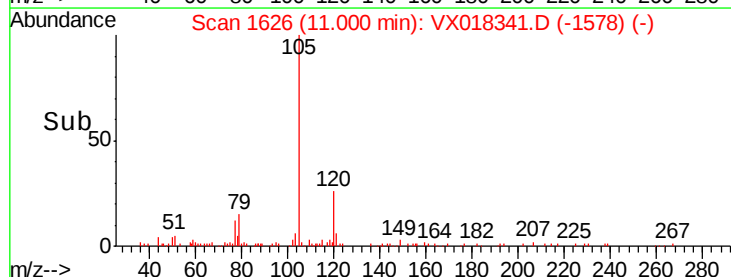
105 100

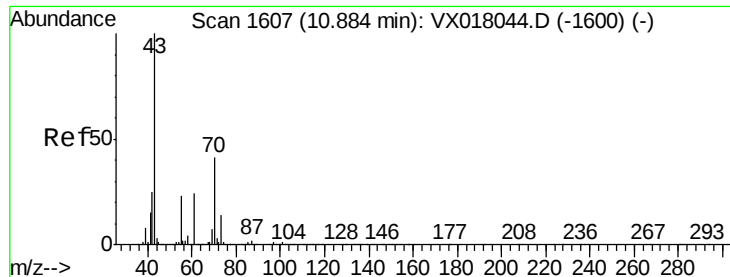
120 29.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.310 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.08 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampled :

40556

Tot Ion: 43 Resp: 3683

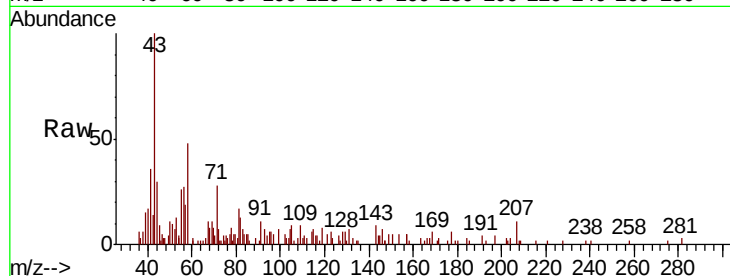
Ion Ratio Lower Upper

43 100

70 4.0 32.3 48.5#

55 0.0 18.2 27.2#

61 0.0 18.9 28.3#

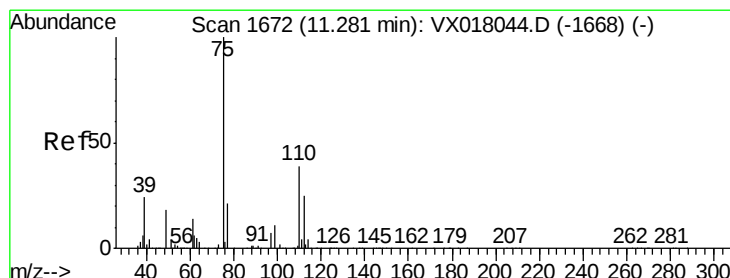
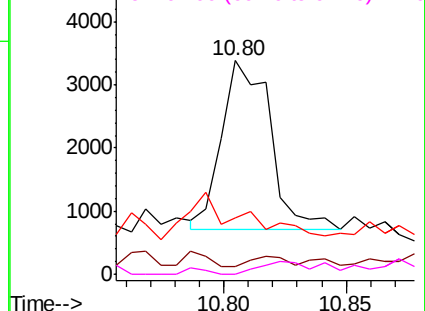
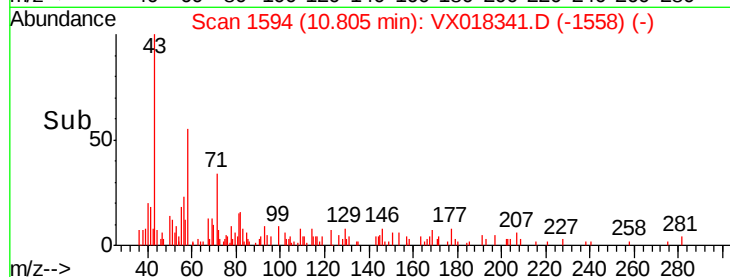


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 22.223 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018341.D

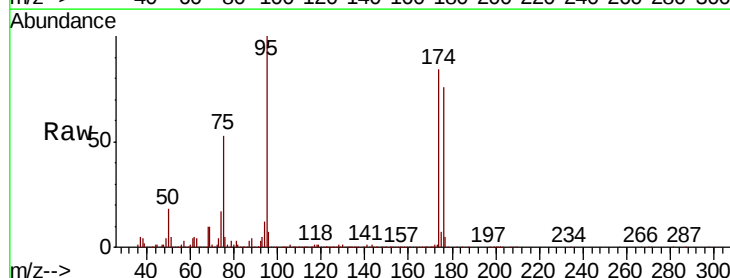
Acq: 10 Sep 2020 16:03

Tgt Ion: 75 Resp: 187692

Ion Ratio Lower Upper

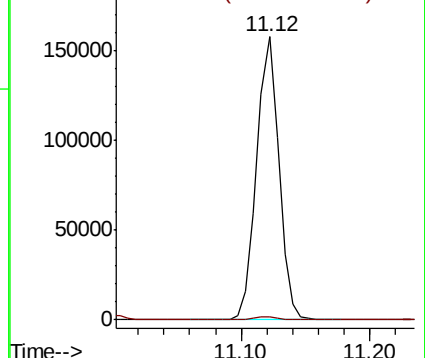
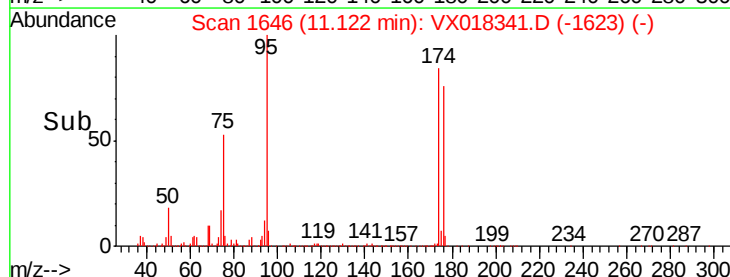
75 100

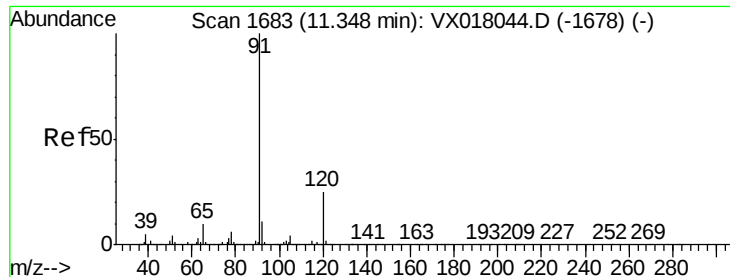
77 1.5 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.798 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

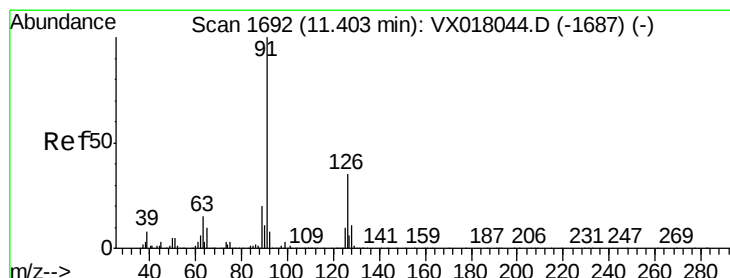
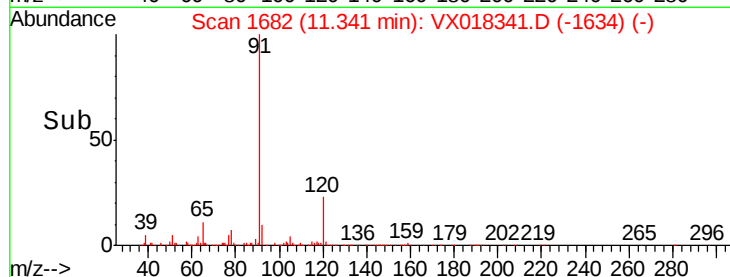
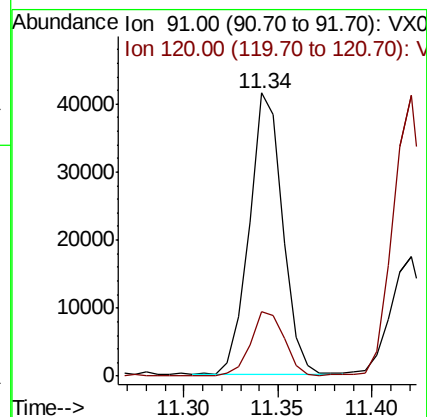
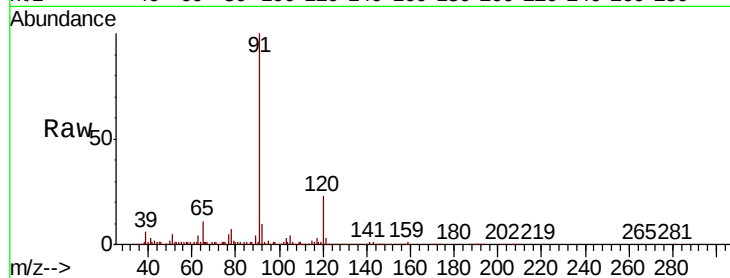
40556

Tot Ion: 91 Resp: 51118

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.9



#79

2-Chlorotoluene

Concen: 1.648 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX018341.D

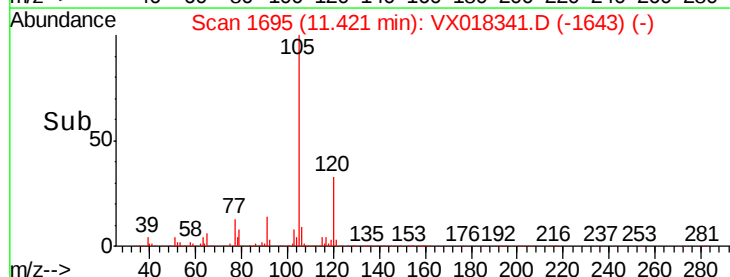
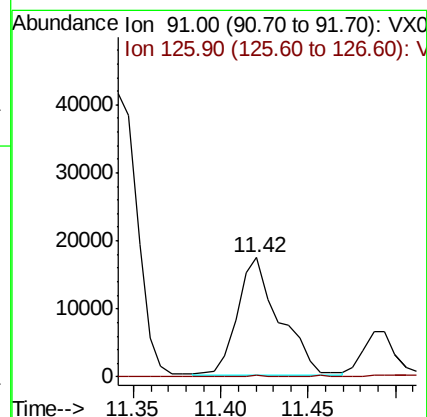
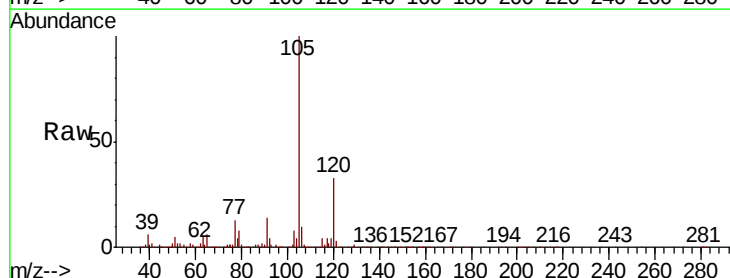
Acq: 10 Sep 2020 16:03

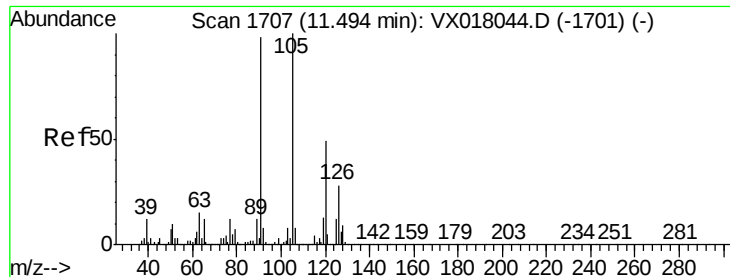
Tgt Ion: 91 Resp: 28945

Ion Ratio Lower Upper

91 100

126 0.9 17.4 52.2#

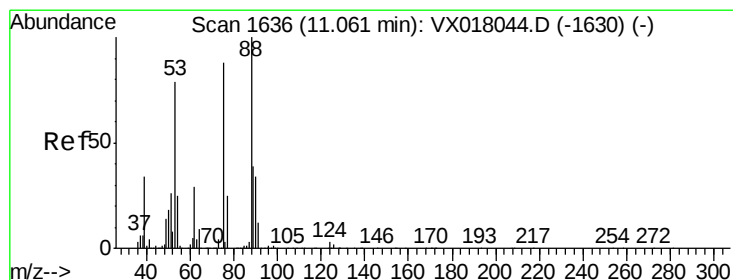
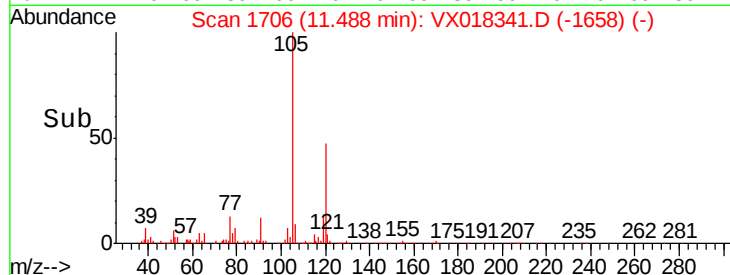
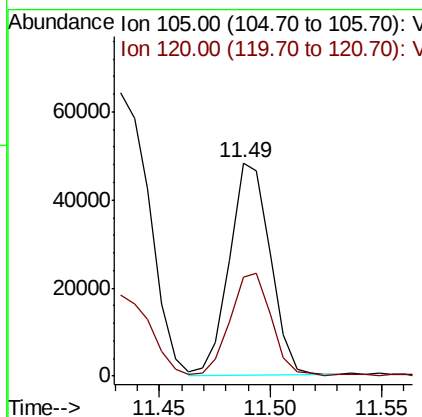
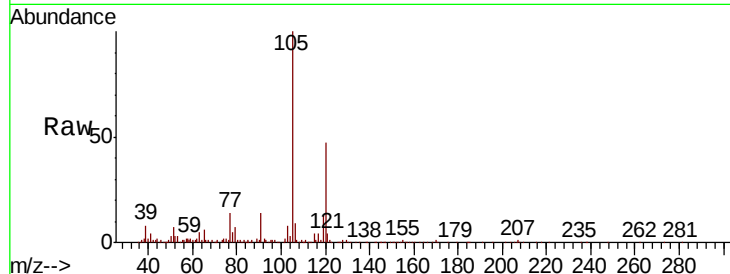




#80
 1,3,5-Trimethylbenzene
 Concen: 2.995 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018341.D
 Acq: 10 Sep 2020 16:03

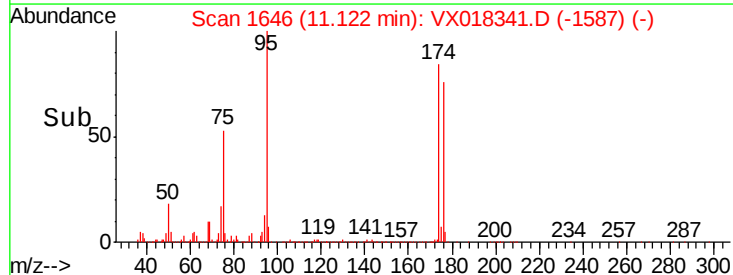
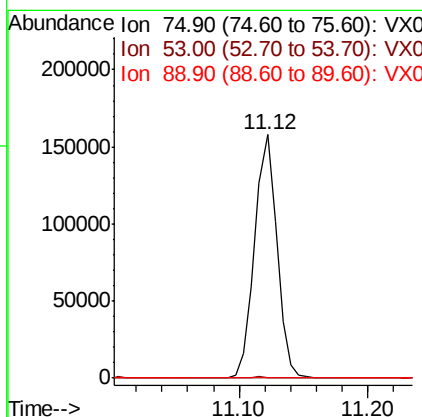
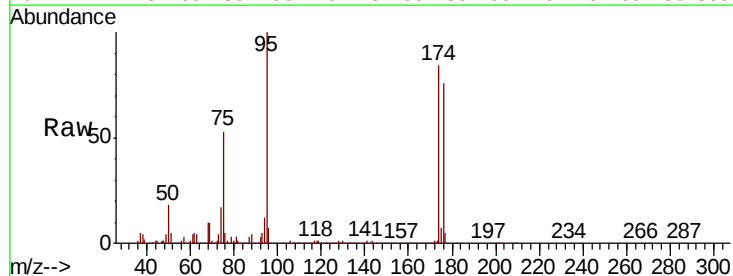
Instrument :
 MSVOA_X
 ClientSampleId :
 40556

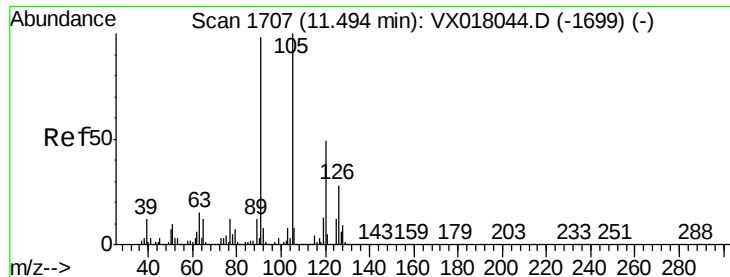
Tot Ion: 105 Resp: 61628
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.021 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX018341.D
 Acq: 10 Sep 2020 16:03

Tgt Ion: 75 Resp: 187692
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.7 112.1#
 89 0.1 36.6 54.8#





#82

4-Chlorotoluene

Concen: 0.395 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

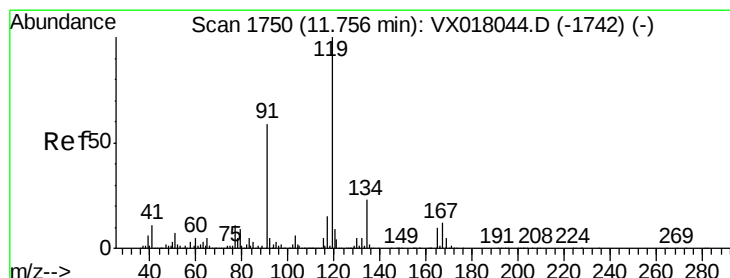
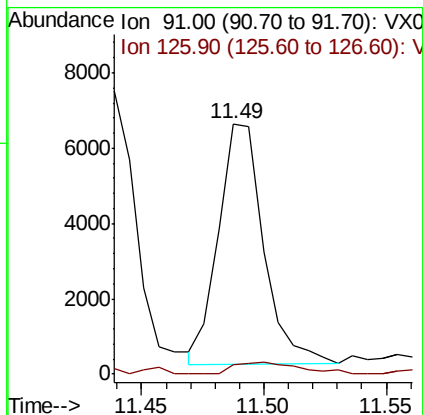
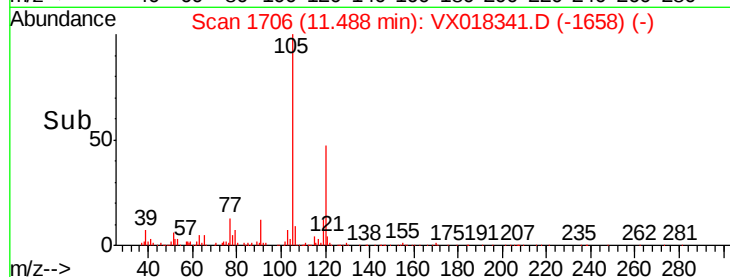
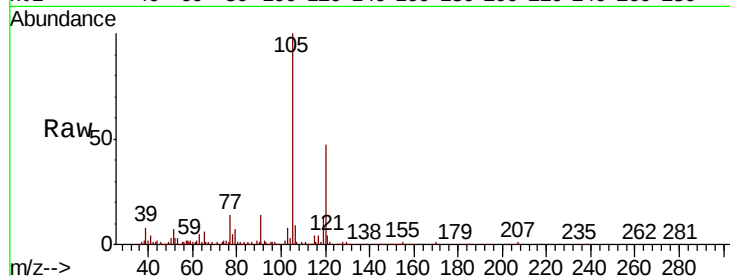
40556

Tot Ion: 91 Resp: 8250

Ion Ratio Lower Upper

91 100

126 7.2 15.1 45.3#



#83

tert-Butylbenzene

Concen: 1.791 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

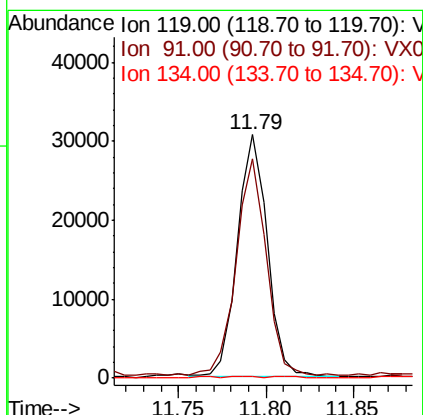
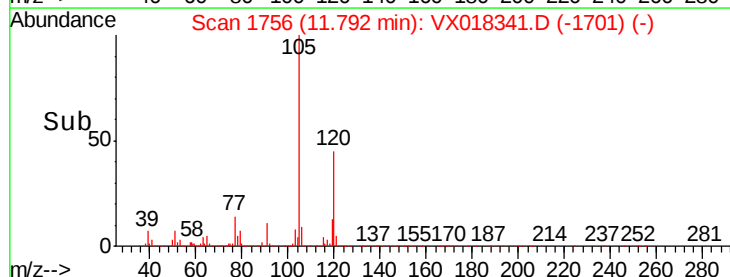
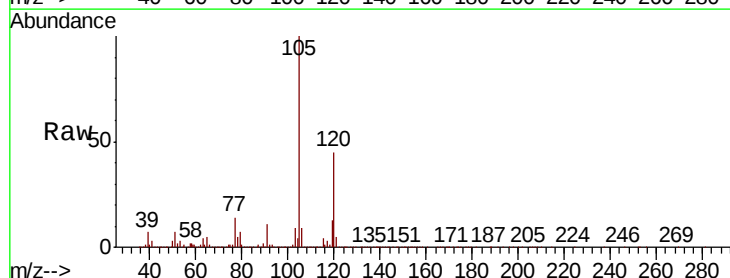
Tgt Ion: 119 Resp: 36378

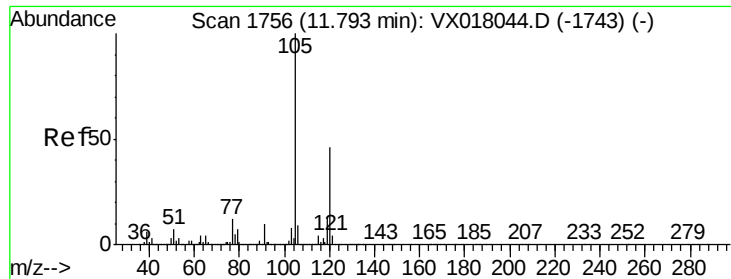
Ion Ratio Lower Upper

119 100

91 90.5 28.2 84.7#

134 0.7 11.3 33.8#





#84

1,2,4-Trimethylbenzene

Concen: 13.472 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampled :

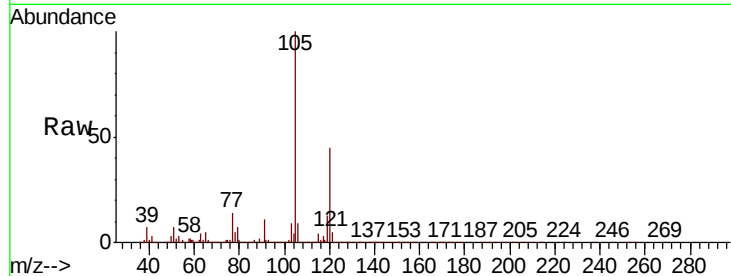
40556

Tot Ion:105 Resp: 283443

Ion Ratio Lower Upper

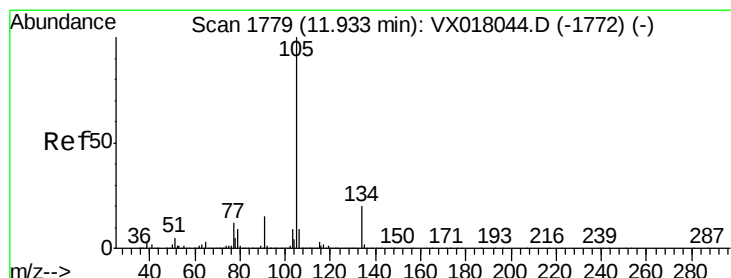
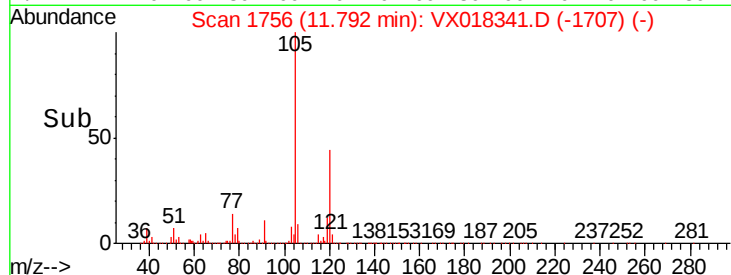
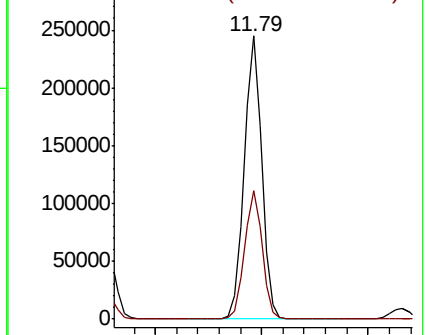
105 100

120 46.0 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.529 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018341.D

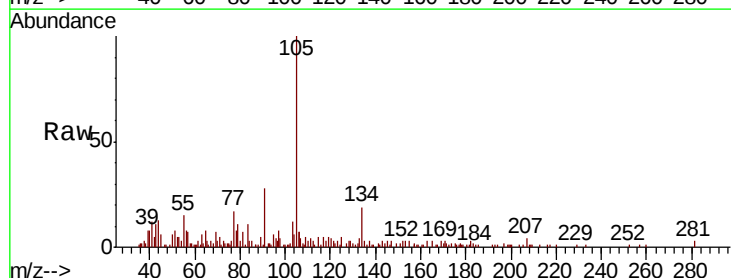
Acq: 10 Sep 2020 16:03

Tgt Ion:105 Resp: 12208

Ion Ratio Lower Upper

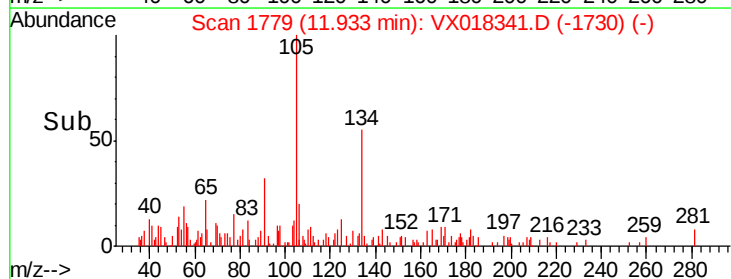
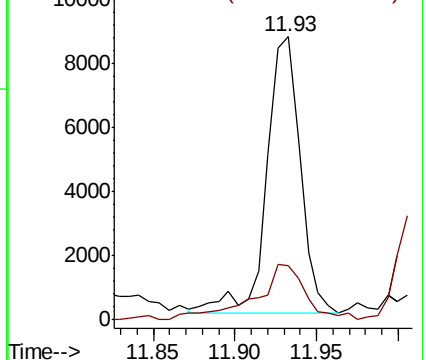
105 100

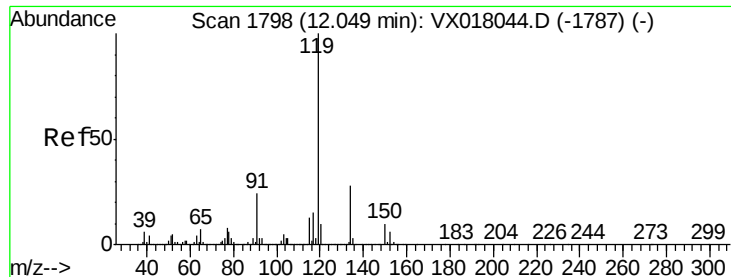
134 30.8 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

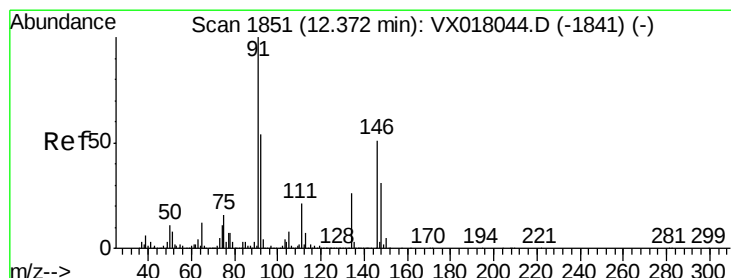
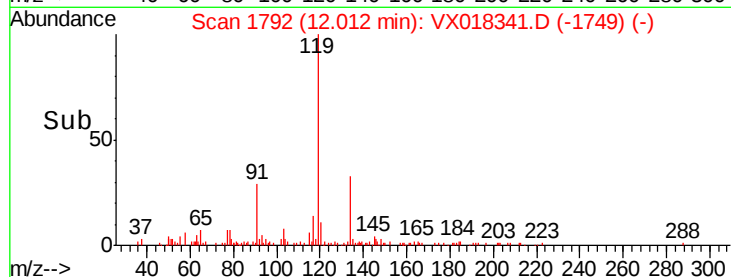
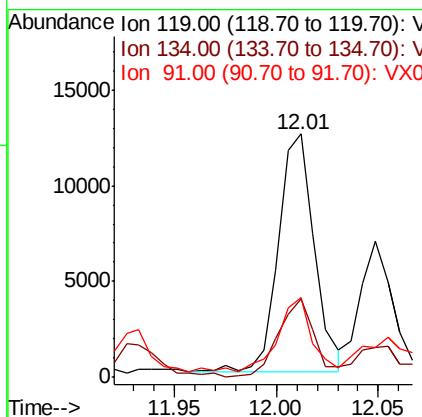
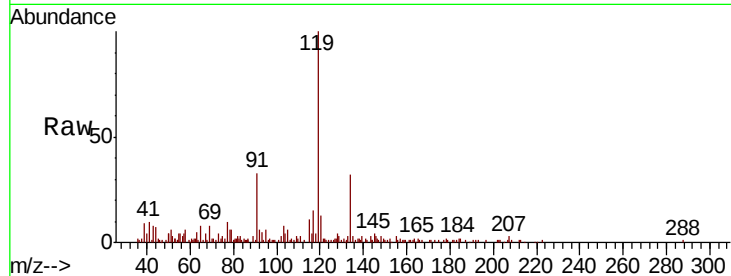




#86
 p-Isopropyltoluene
 Concen: 0.720 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.04 min
 Lab File: VX018341.D
 Acq: 10 Sep 2020 16:03

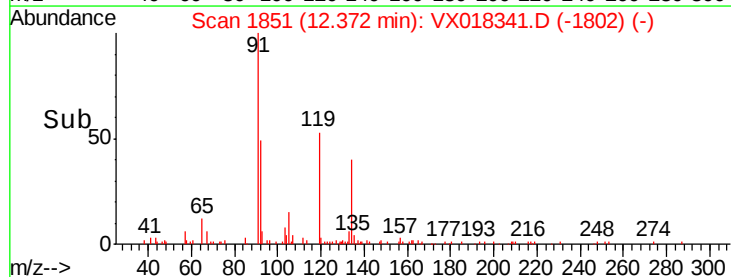
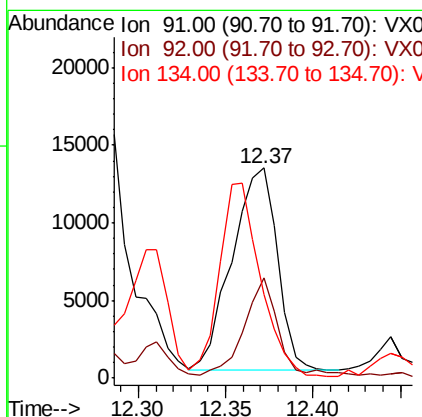
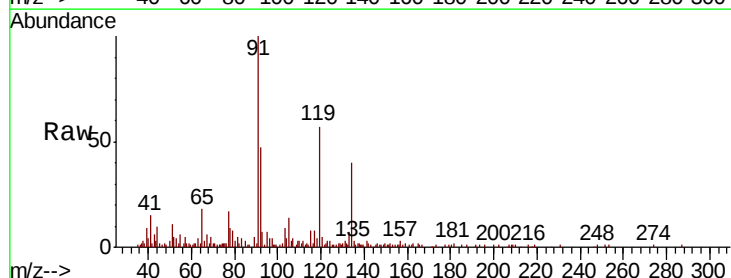
Instrument :
 MSVOA_X
 ClientSampleId :
 40556

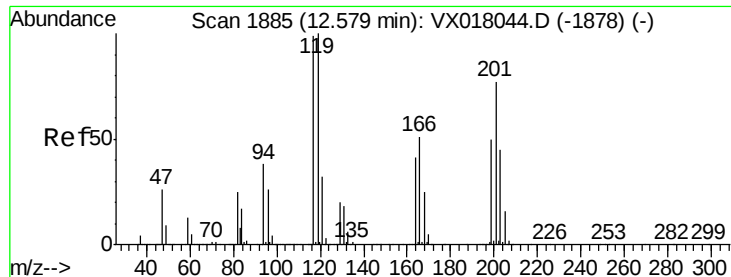
Tot Ion	Ratio	Lower	Upper
119	100		
134	33.4	13.2	39.5
91	27.6	11.8	35.4



#89
 n-Butylbenzene
 Concen: 1.219 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX018341.D
 Acq: 10 Sep 2020 16:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	35.9	26.4	79.2
134	86.3	12.9	38.7





#90

Hexachloroethane

Concen: 0.752 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

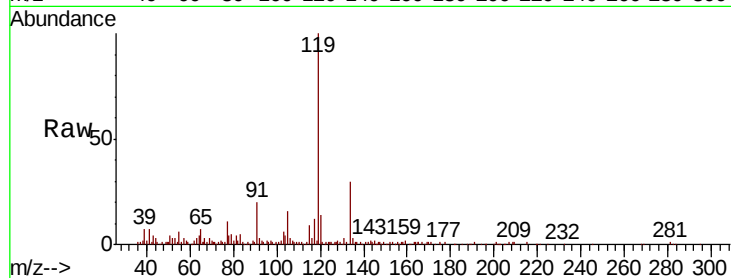
40556

Tot Ion:117 Resp: 3137

Ion Ratio Lower Upper

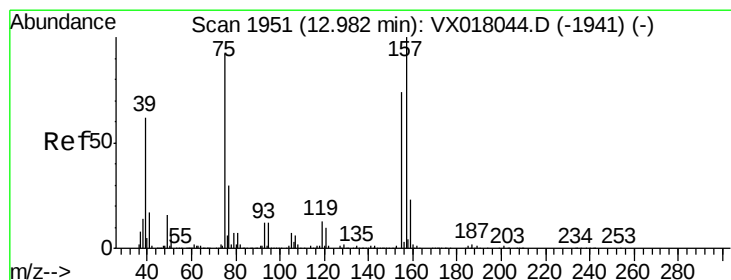
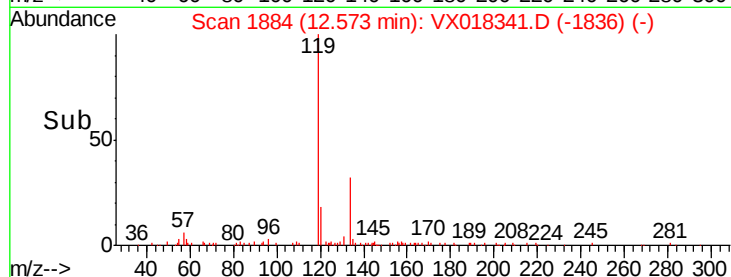
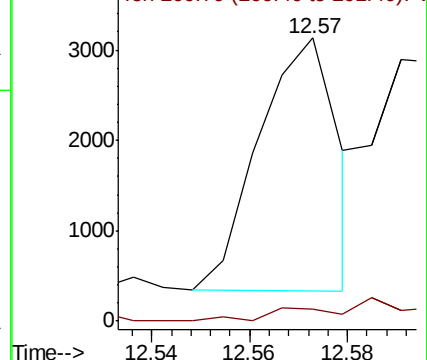
117 100

201 0.0 38.5 115.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.214 ug/l

RT: 13.03 min Scan# 1959

Delta R.T. 0.05 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

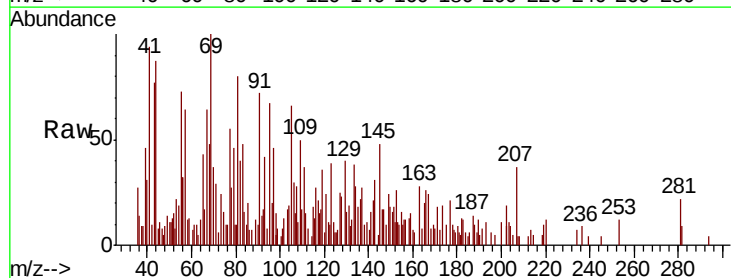
Tgt Ion: 75 Resp: 472

Ion Ratio Lower Upper

75 100

155 106.8 40.2 120.6

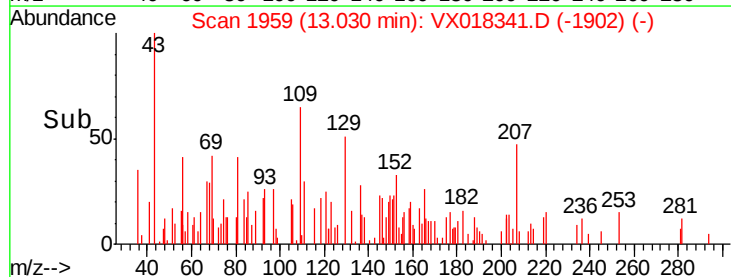
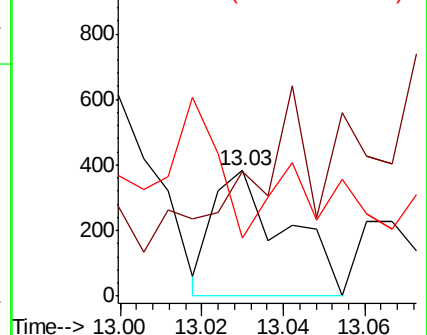
157 63.6 55.0 165.2

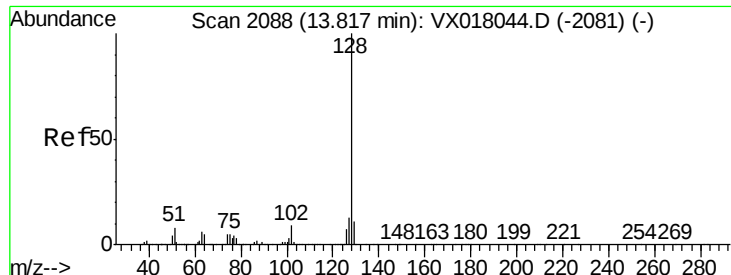


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 4.399 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018341.D

Acq: 10 Sep 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

40556

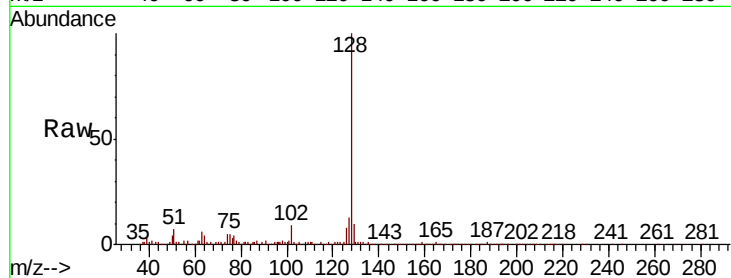
Tot Ion:128 Resp: 110454

Ion Ratio Lower Upper

128 100

127 15.1 10.2 15.2

129 11.9 8.7 13.1



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

