

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015889.D
 Acq On : 23 Apr 2020 14:45
 Operator : JC/SP
 Sample : L2380-16DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW089-200421DL

Quant Time: Apr 24 03:30:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	838824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1268034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1271651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	706929	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	472516	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.06%		
35) Dibromofluoromethane	5.47	113	370568	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.26%		
50) Toluene-d8	8.70	98	1526389	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.60%		
62) 4-Bromofluorobenzene	11.12	95	664338	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	109.92%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	5536	2.840	ug/l #	73
13) Acrolein	2.28	56	478	0.414	ug/l #	15
16) Acetone	2.42	43	3280	0.790	ug/l #	86
17) Carbon Disulfide	2.56	76	12491	0.468	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	432049	16.657	ug/l	94
20) Methylene Chloride	2.84	84	2078	0.246	ug/l #	63
25) 2-Butanone	4.65	43	2147	0.327	ug/l #	51
29) Tetrahydrofuran	5.11	42	3474	0.800	ug/l #	64
31) Cyclohexane	5.55	56	33986	2.438	ug/l #	87
36) 1,1-Dichloropropene	5.63	75	58691	5.221	ug/l #	53
38) Carbon Tetrachloride	5.63	117	75750	6.841	ug/l #	16
39) Methylcyclohexane	7.24	83	4430	0.311	ug/l	94
40) Benzene	6.12	78	425943	12.581	ug/l	99
42) 1,2-Dichloroethane	6.11	62	5557	0.456	ug/l	93
48) Methyl methacrylate	7.72	41	3584	0.323	ug/l #	60
49) 1,4-Dioxane	7.73	88	528	2.517	ug/l #	42
55) 1,1,2-Trichloroethane	9.15	97	10878	1.284	ug/l #	20
56) Ethyl methacrylate	9.14	69	3313	0.231	ug/l #	1
59) 2-Hexanone	9.49	43	3545	0.357	ug/l	70
67) Ethyl Benzene	10.24	91	3712071	83.127	ug/l	97
68) m/p-Xylenes	10.35	106	55101	3.287	ug/l #	1
69) o-Xylene	10.68	106	102383	6.207	ug/l	97
70) Styrene	10.68	104	6557	0.230	ug/l #	1
73) Isopropylbenzene	11.00	105	549316	12.235	ug/l	100
76) 1,2,3-Trichloropropane	11.12	75	324508	24.140	ug/l #	35
78) n-propylbenzene	11.34	91	633772	12.323	ug/l	99
79) 2-Chlorotoluene	11.34	91	633772	20.514	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	203706	5.321	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	324508	58.069	ug/l #	12
82) 4-Chlorotoluene	11.49	91	21801	0.594	ug/l #	52
83) tert-Butylbenzene	11.76	119	7721	0.227	ug/l	91
84) 1,2,4-Trimethylbenzene	11.79	105	277678	6.987	ug/l	99
85) sec-Butylbenzene	11.93	105	37432	0.836	ug/l	97
86) p-Isopropyltoluene	12.22	119	33007	0.789	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

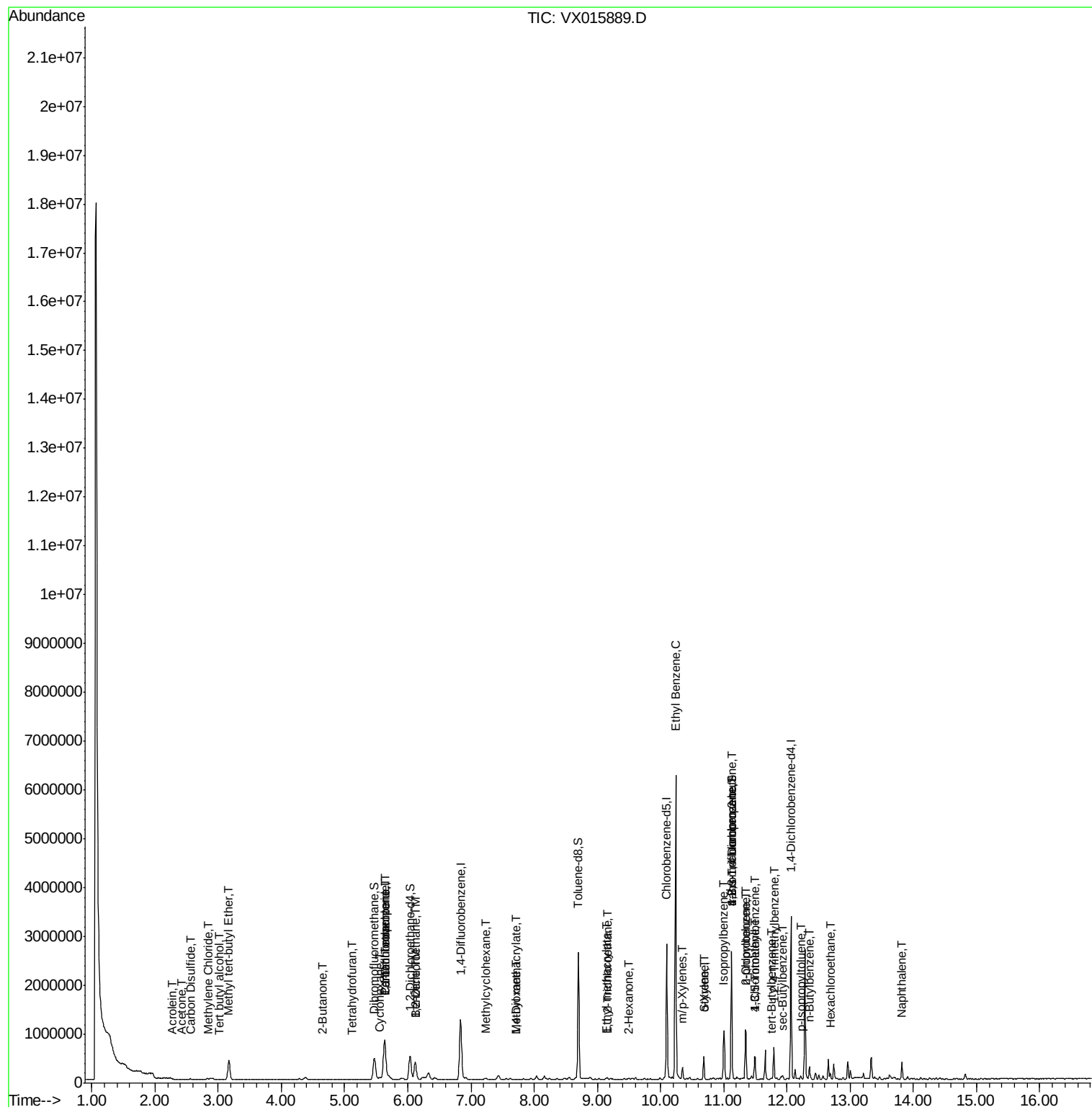
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.35	91	34356	0.918	ug/l #	22
90) Hexachloroethane	12.68	117	46121	10.430	ug/l #	4
95) Naphthalene	13.82	128	209989	4.337	ug/l	99

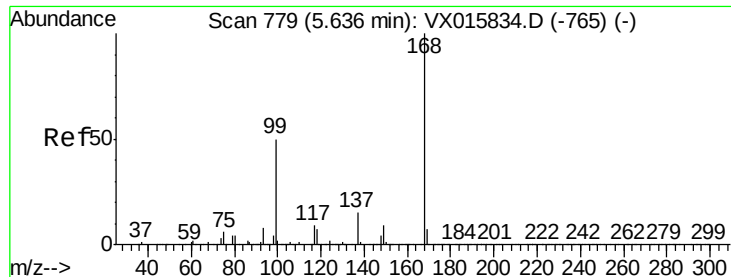
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.00 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

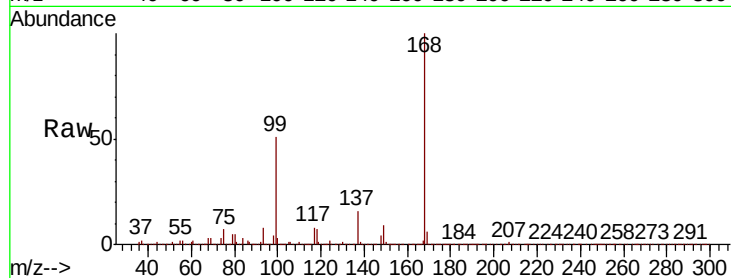
KY001IW089-200421DL

Tot Ion:168 Resp: 838824

Ion Ratio Lower Upper

168 100

99 51.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

300000

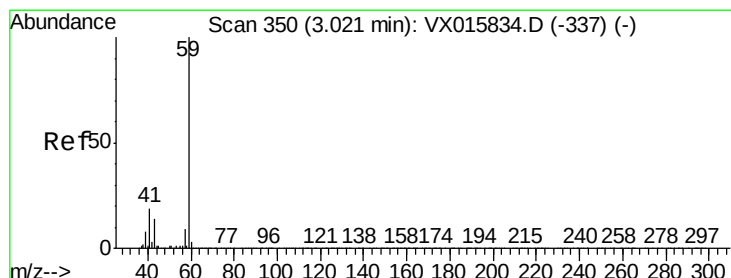
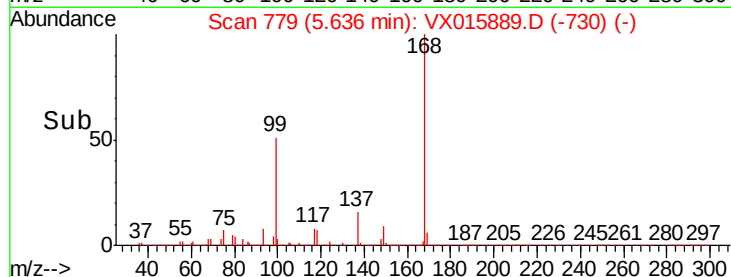
200000

100000

0

Time-->

5.50 5.60 5.70



#11

Tert butyl alcohol

Concen: 2.840 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015889.D

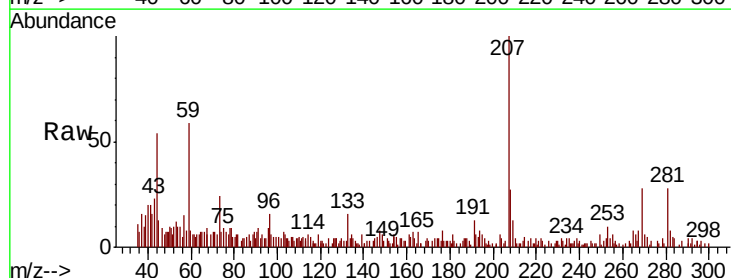
Acq: 23 Apr 2020 14:45

Tgt Ion: 59 Resp: 5536

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3000

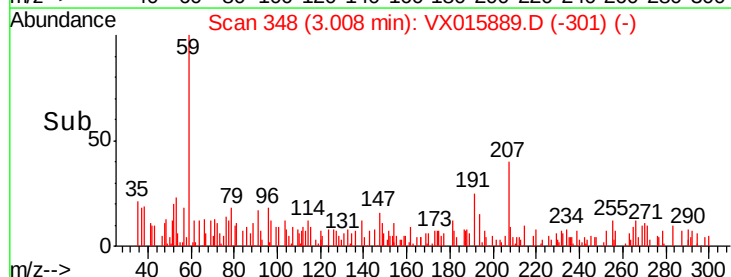
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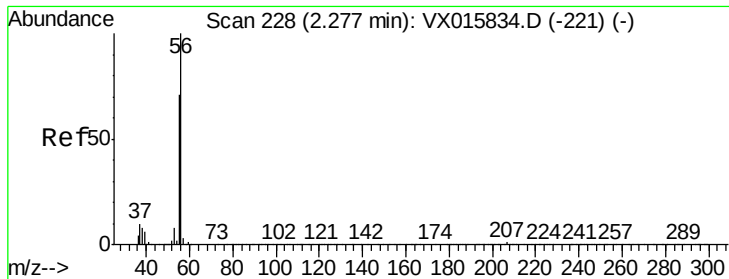
1000

0

Time-->

2.95 3.00 3.05 3.10





#13

Acrolein

Concen: 0.414 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

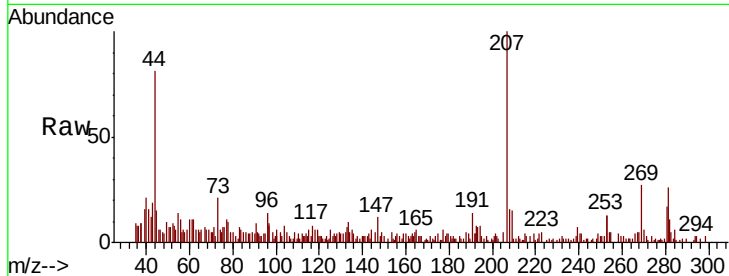
KY001IW089-200421DL

Tot Ion: 56 Resp: 478

Ion Ratio Lower Upper

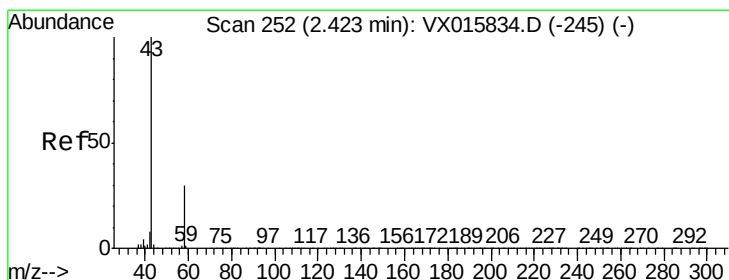
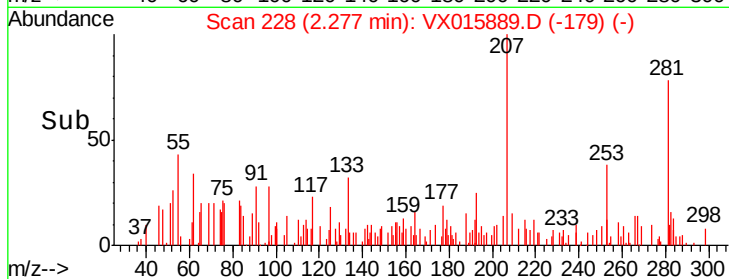
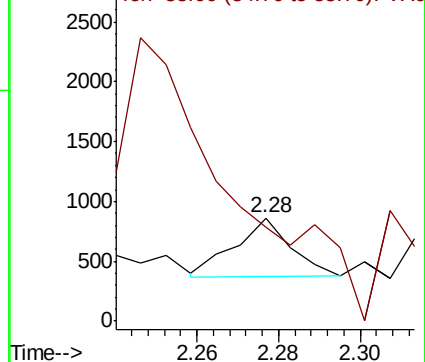
56 100

55 0.0 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.790 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015889.D

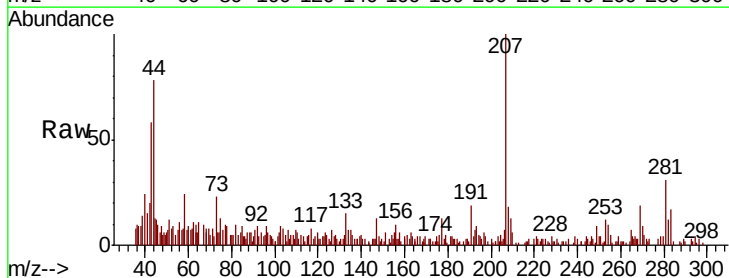
Acq: 23 Apr 2020 14:45

Tgt Ion: 43 Resp: 3280

Ion Ratio Lower Upper

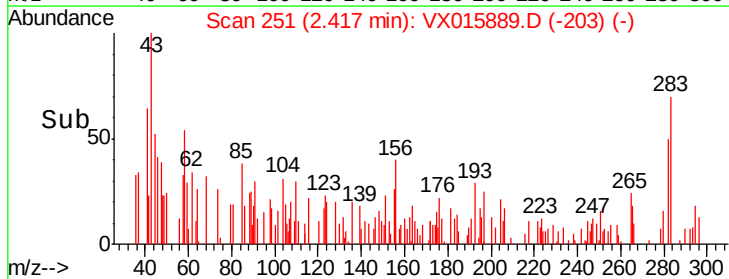
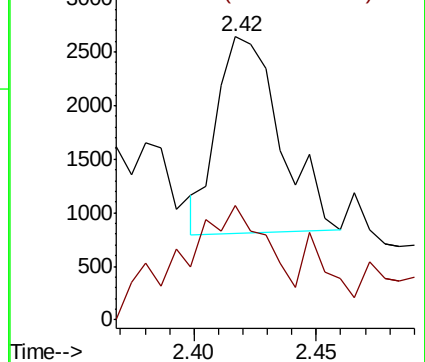
43 100

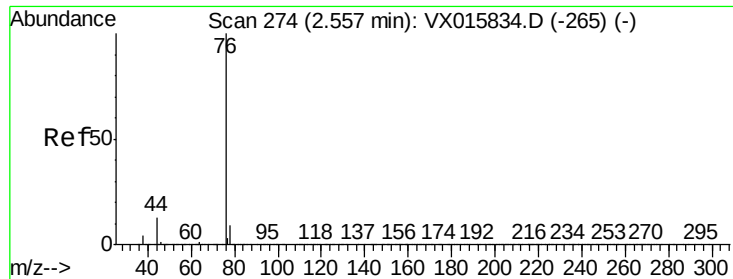
58 37.5 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

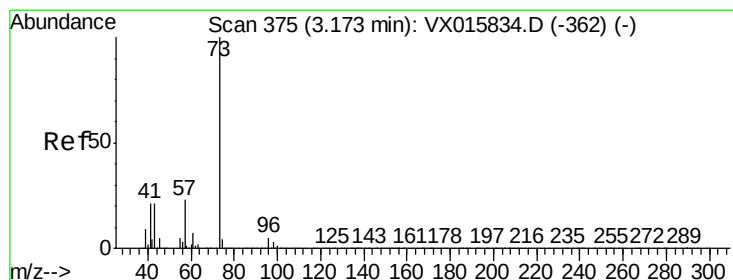
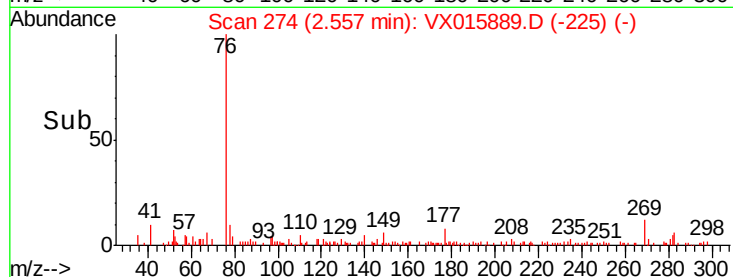
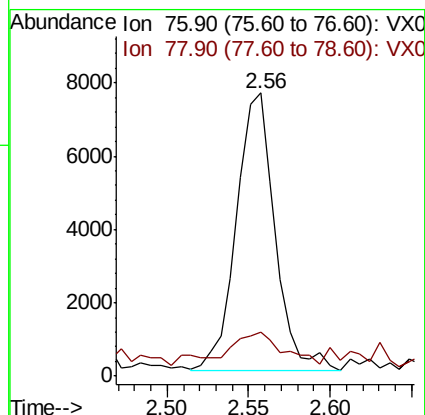
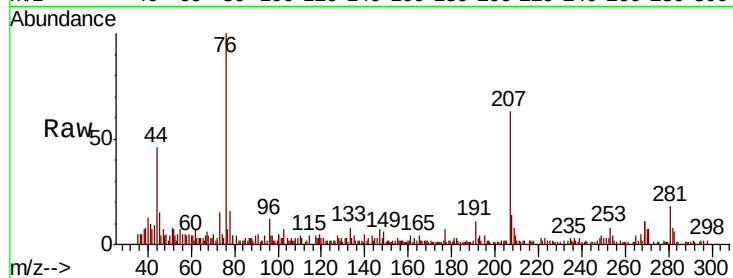




#17
Carbon Disulfide
Concen: 0.468 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

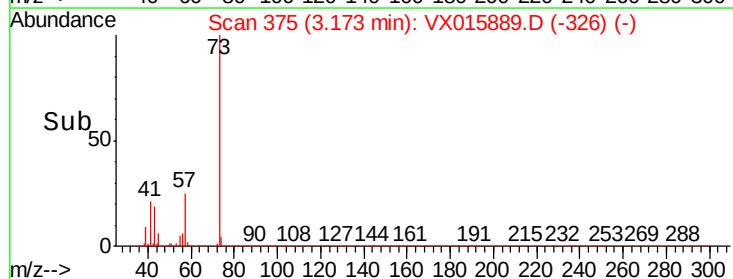
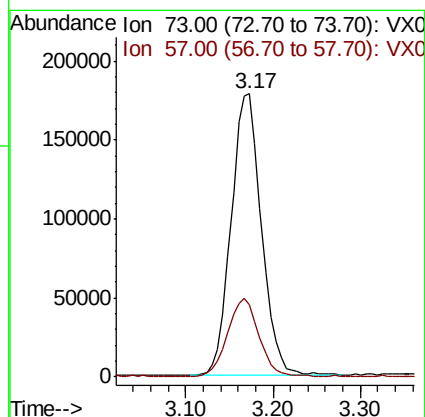
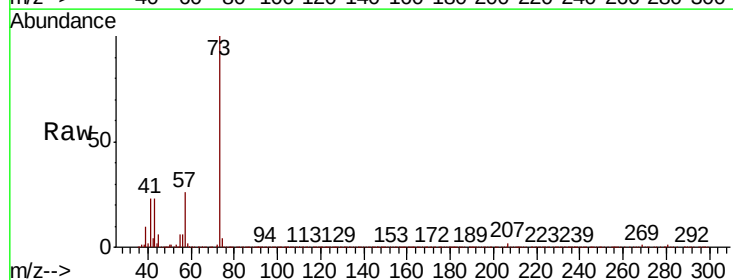
Instrument :
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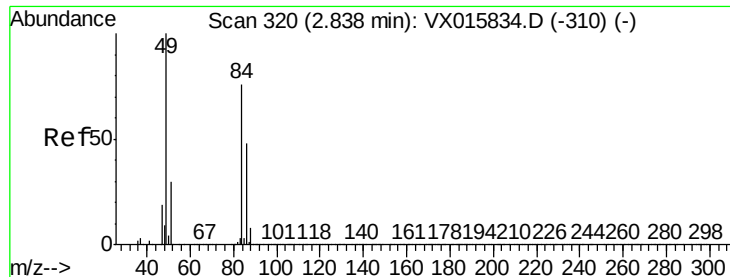
Tot Ion: 76 Resp: 12491
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.2



#19
Methyl tert-butyl Ether
Concen: 16.657 ug/l
RT: 3.17 min Scan# 375
Delta R.T. -0.00 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Tgt Ion: 73 Resp: 432049
Ion Ratio Lower Upper
73 100
57 25.6 18.1 27.1

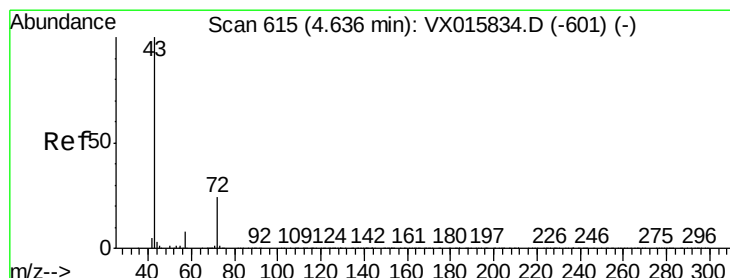
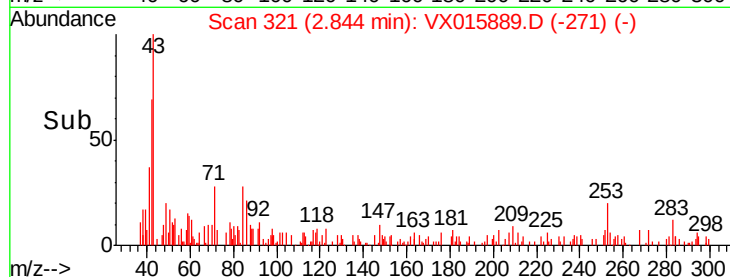
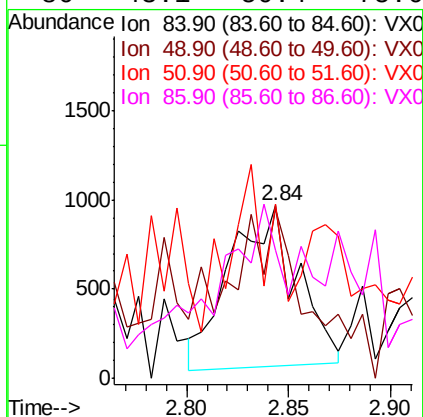
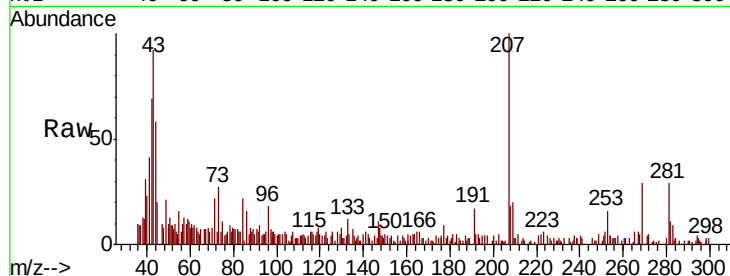




#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.01 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

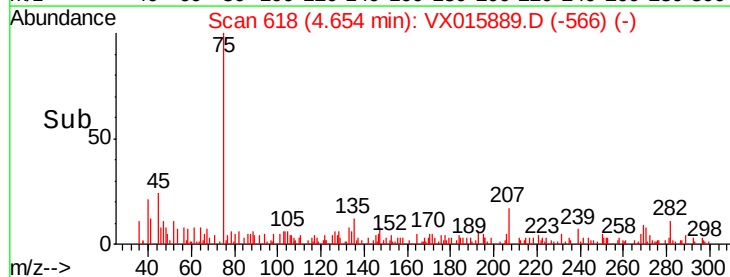
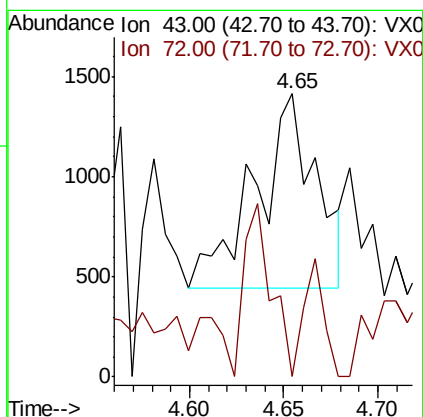
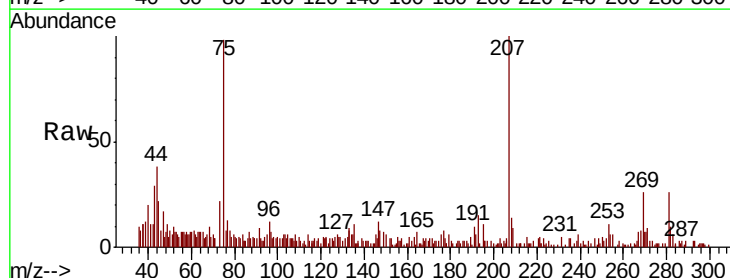
Instrument :
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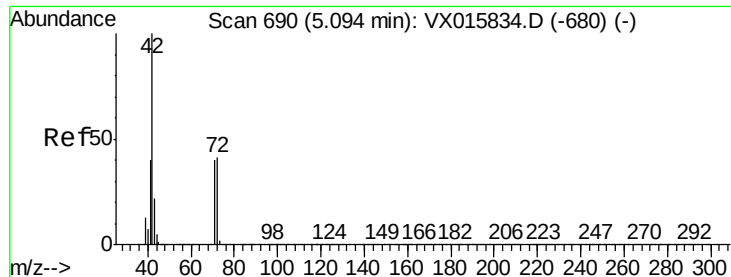
Tot Ion:	84	Resp:	2078
Ion	Ratio	Lower	Upper
84	100		
49	76.3	104.9	157.3#
51	54.4	32.0	48.0#
86	43.1	50.4	75.6#



#25
2-Butanone
Concen: 0.327 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.02 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Tgt Ion:	43	Resp:	2147
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#29

Tetrahydrofuran

Concen: 0.800 ug/l

RT: 5.11 min Scan# 692

Delta R.T. 0.01 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

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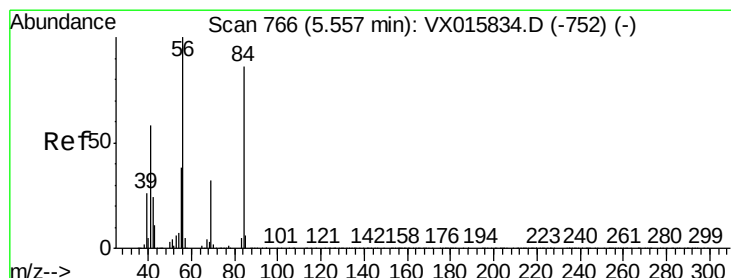
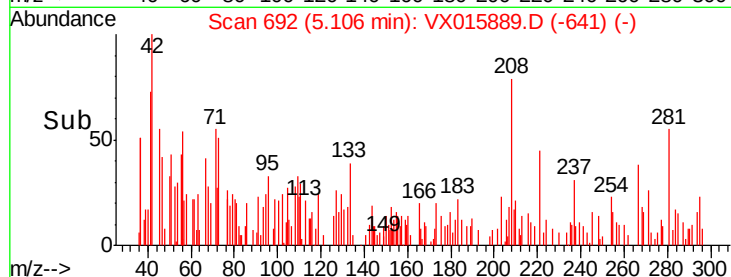
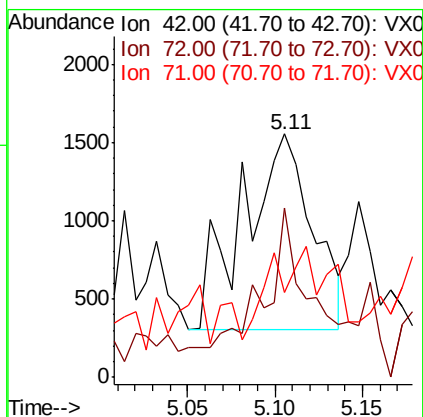
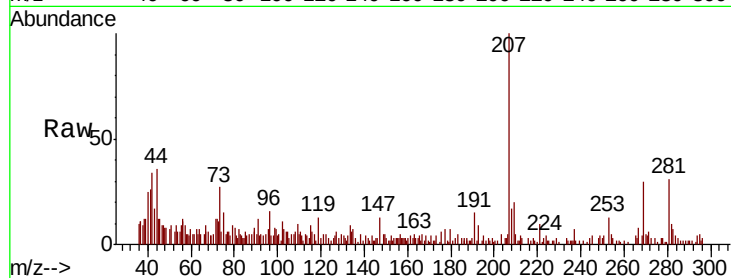
Tot Ion: 42 Resp: 3474

Ion Ratio Lower Upper

42 100

72 61.2 33.0 49.6#

71 14.0 30.6 45.8#



#31

Cyclohexane

Concen: 2.438 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

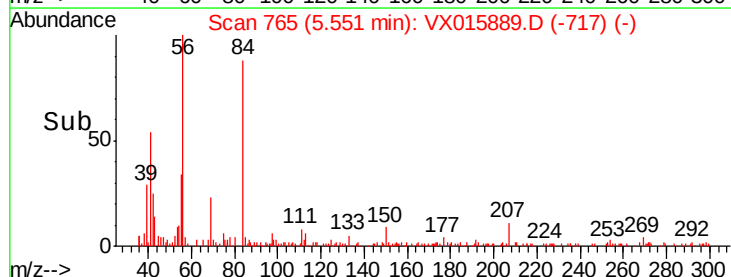
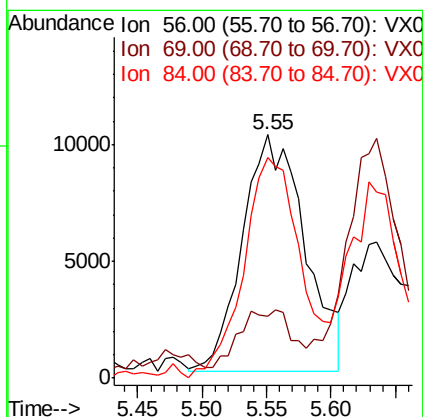
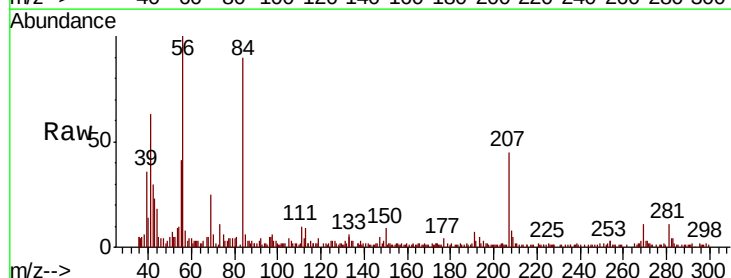
Tgt Ion: 56 Resp: 33986

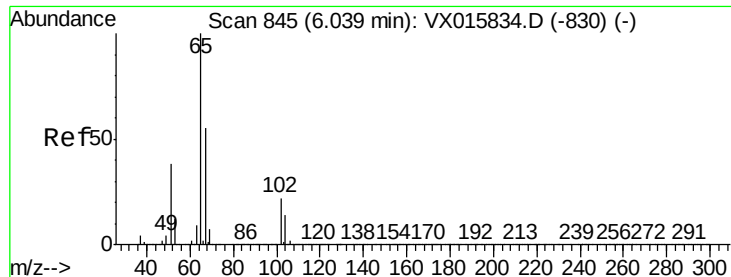
Ion Ratio Lower Upper

56 100

69 16.0 25.3 37.9#

84 93.9 69.1 103.7

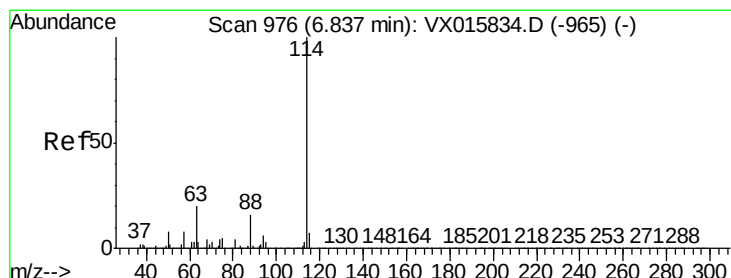
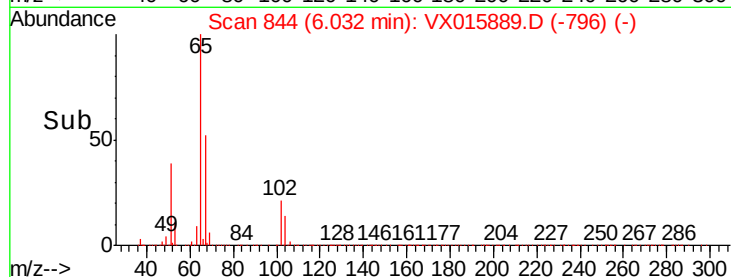
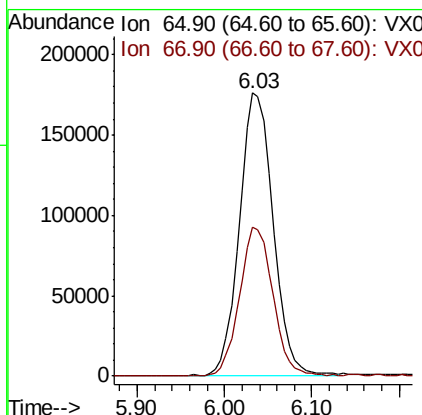
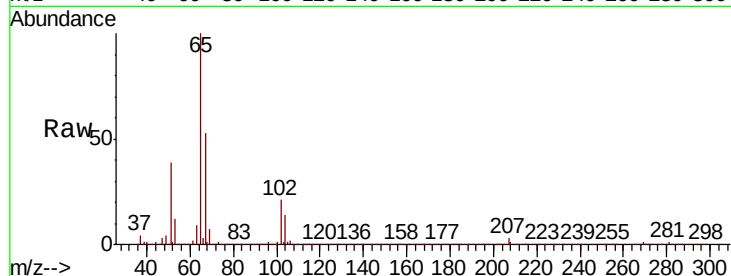




#33
 1,2-Dichloroethane-d4
 Concen: 49.528 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: VX015889.D
 Acq: 23 Apr 2020 14:45

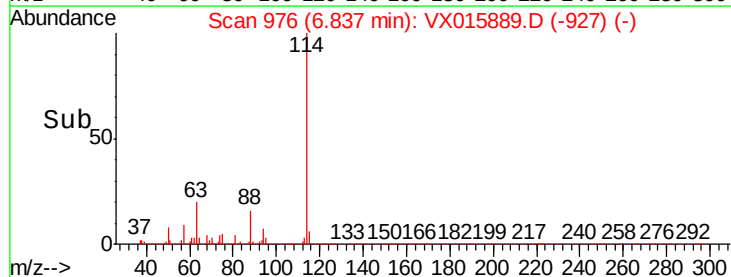
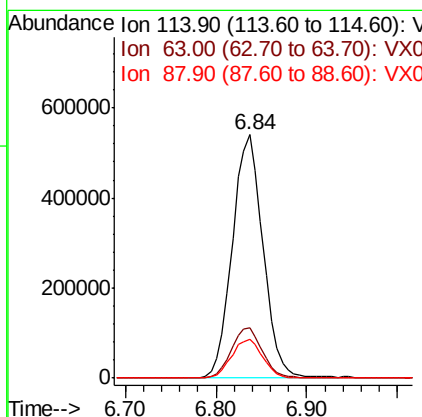
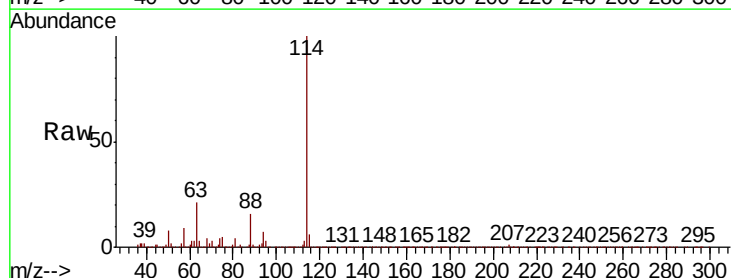
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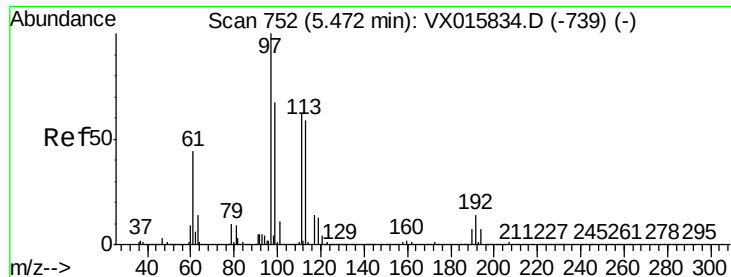
Tot Ion: 65 Resp: 472516
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015889.D
 Acq: 23 Apr 2020 14:45

Tgt Ion: 114 Resp: 1268034
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.6
 88 15.7 0.0 32.8

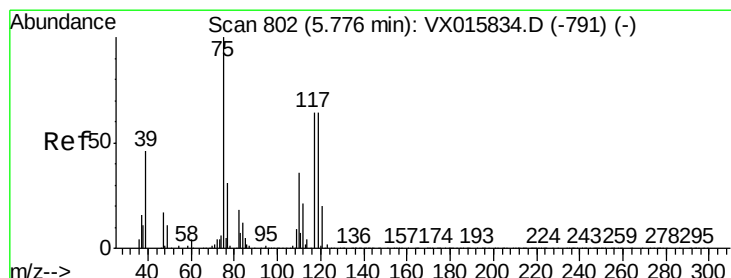
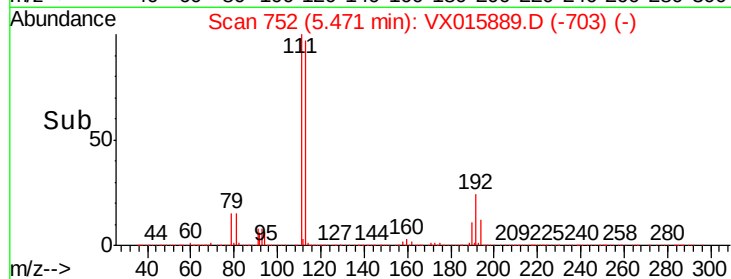
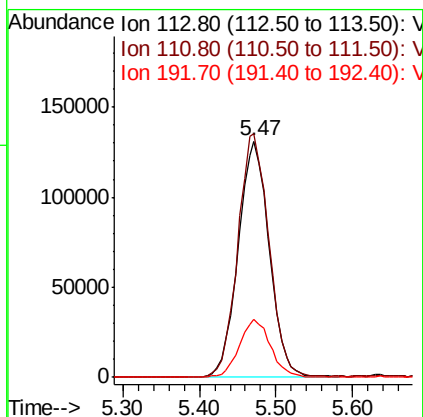
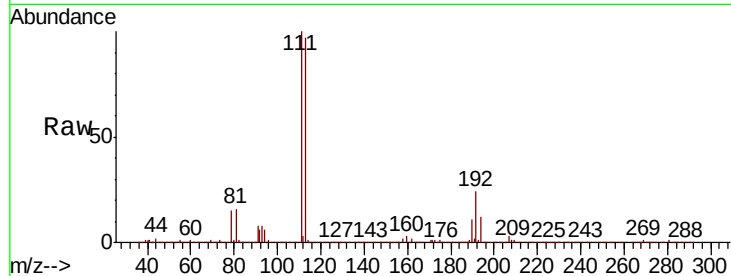




#35
Dibromofluoromethane
Concen: 50.628 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

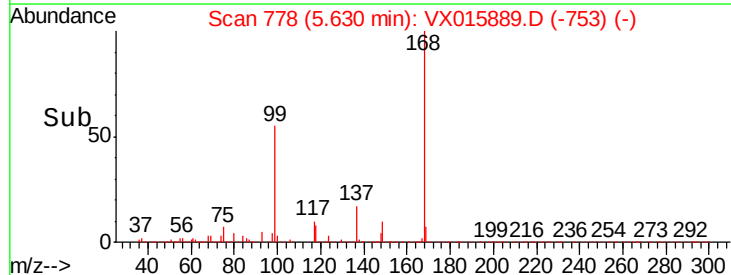
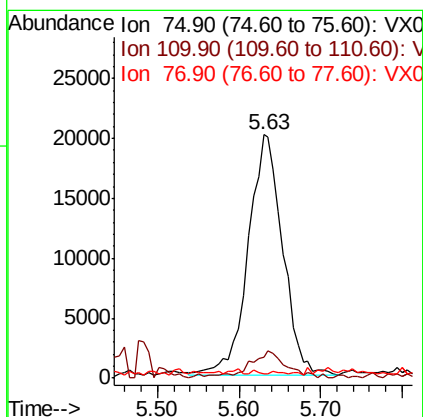
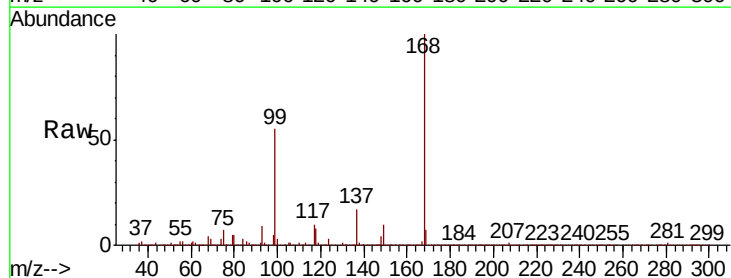
Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421DL

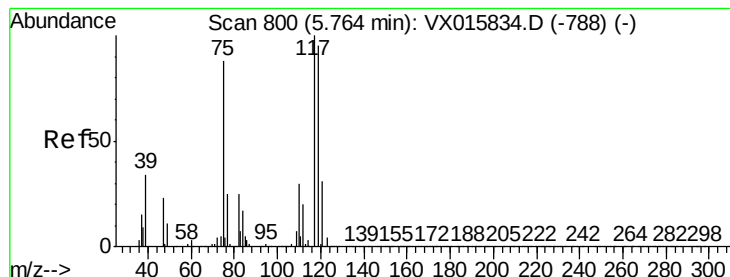
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	24.1	19.3	28.9



#36
1,1-Dichloropropene
Concen: 5.221 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.15 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.0	17.9	53.8#
77	0.4	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.841 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421DL

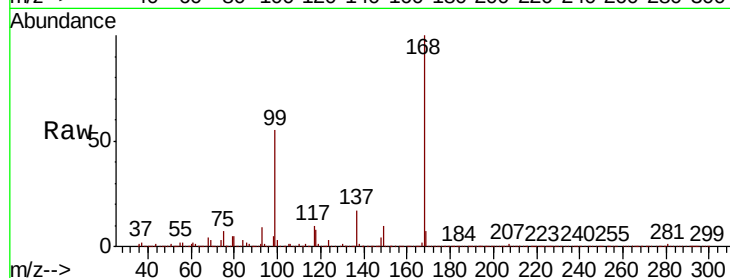
Tot Ion:117 Resp: 75750

Ion Ratio Lower Upper

117 100

119 5.0 75.7 113.5#

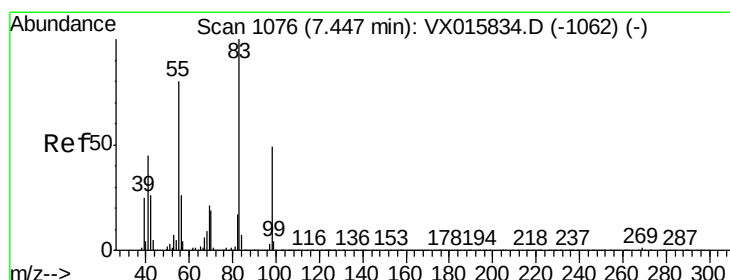
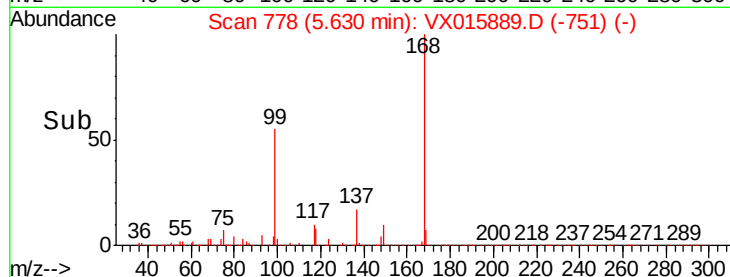
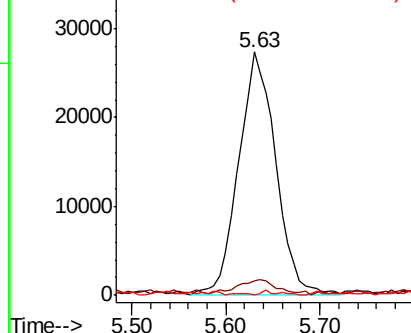
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.311 ug/l

RT: 7.24 min Scan# 1042

Delta R.T. -0.21 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

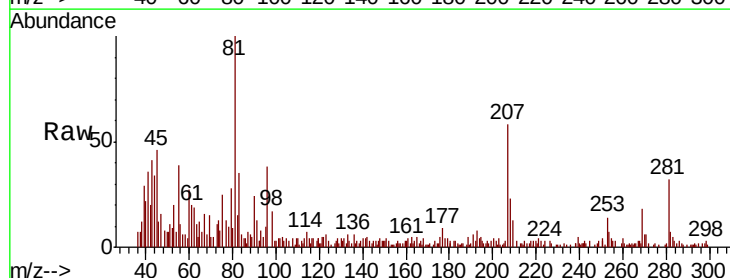
Tgt Ion: 83 Resp: 4430

Ion Ratio Lower Upper

83 100

55 82.3 64.2 96.4

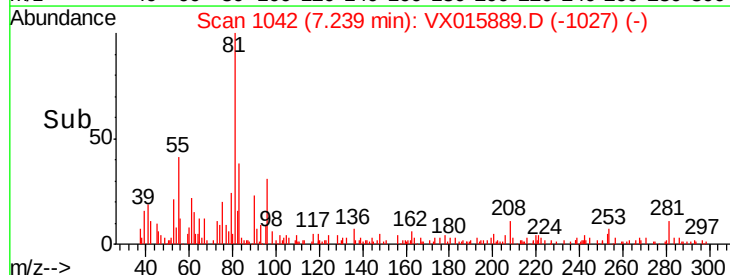
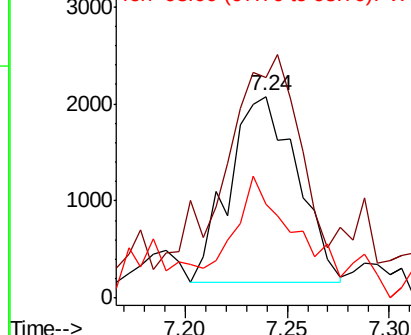
98 40.1 39.3 58.9

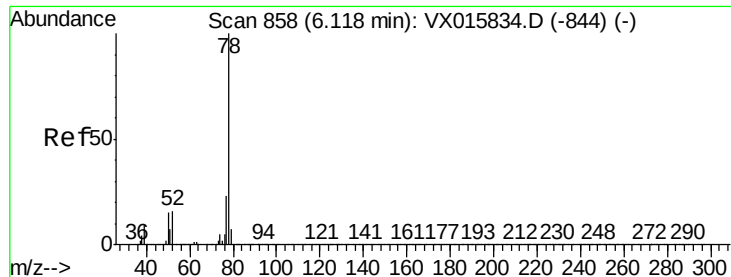


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 12.581 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.00 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

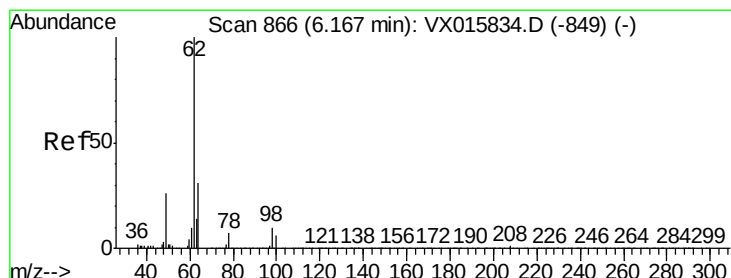
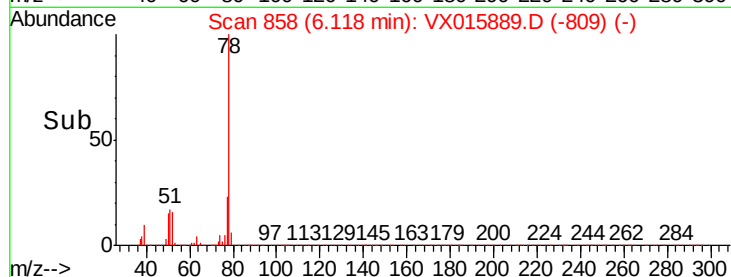
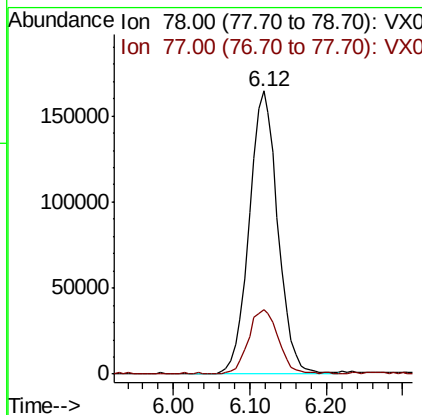
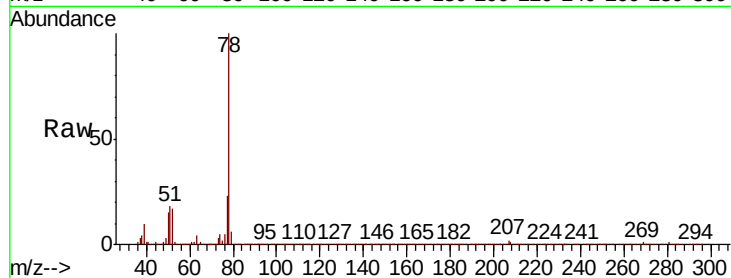
KY001IW089-200421DL

Tot Ion: 78 Resp: 425943

Ion Ratio Lower Upper

78 100

77 22.6 18.6 27.8



#42

1,2-Dichloroethane

Concen: 0.456 ug/l

RT: 6.11 min Scan# 857

Delta R.T. -0.06 min

Lab File: VX015889.D

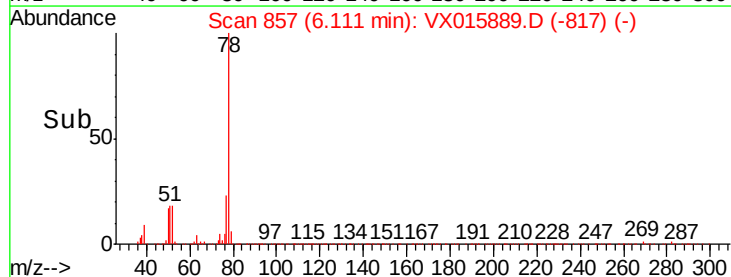
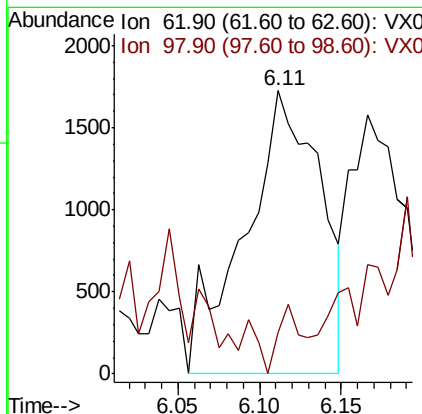
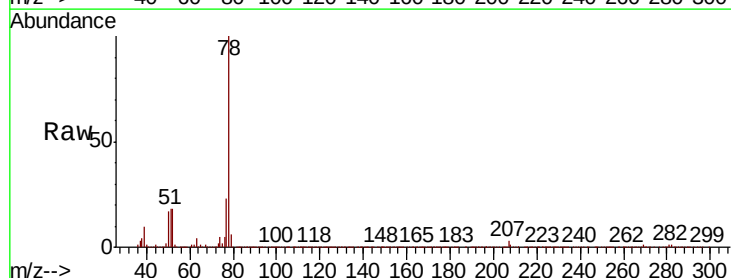
Acq: 23 Apr 2020 14:45

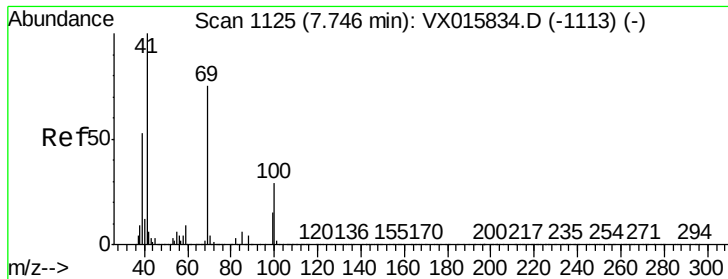
Tgt Ion: 62 Resp: 5557

Ion Ratio Lower Upper

62 100

98 7.5 0.0 20.0

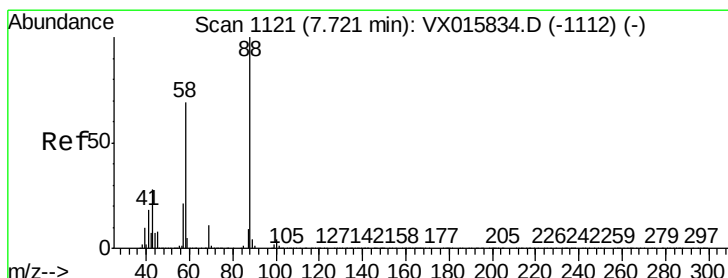
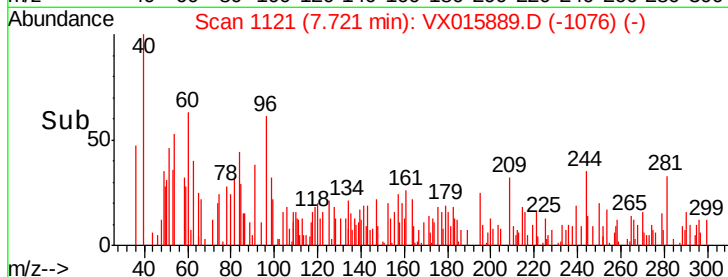
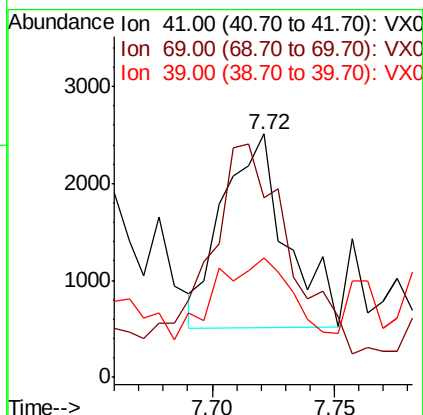
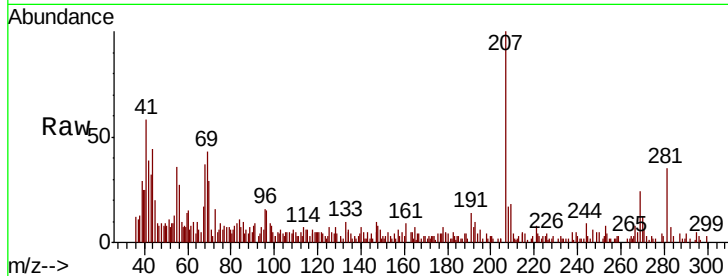




#48
Methvl methacrylate
Concen: 0.323 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.02 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

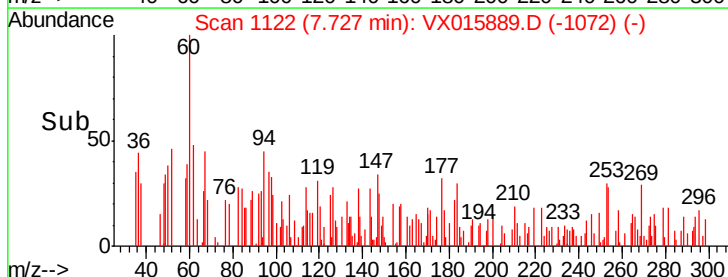
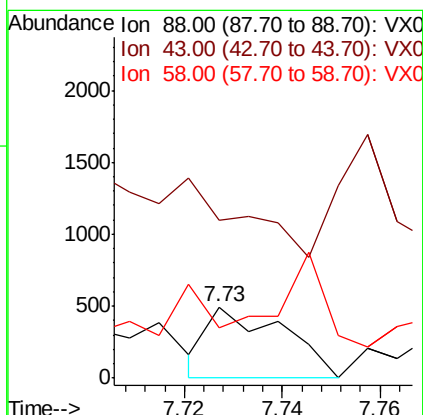
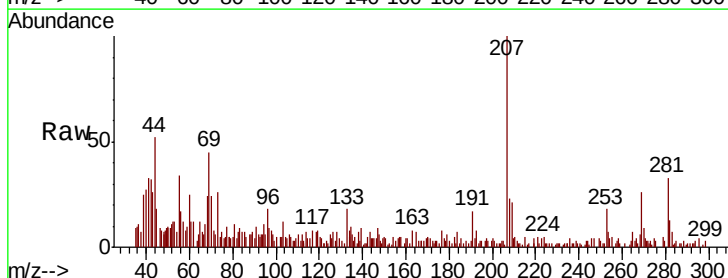
Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421DL

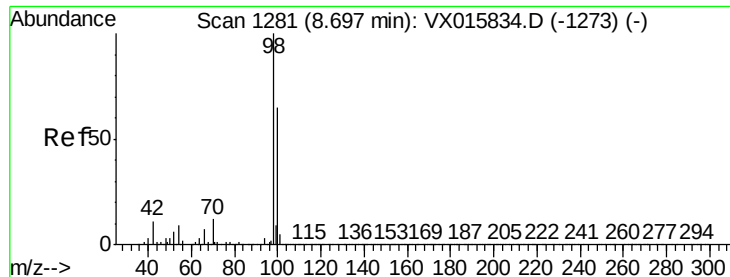
Tot Ion: 41 Resp: 3584
Ion Ratio Lower Upper
41 100
69 132.7 60.5 90.7#
39 51.0 42.1 63.1



#49
1,4-Dioxane
Concen: 2.517 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.01 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Tgt Ion: 88 Resp: 528
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 26.1 58.9 88.3#





#50

Toluene-d8

Concen: 51.803 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

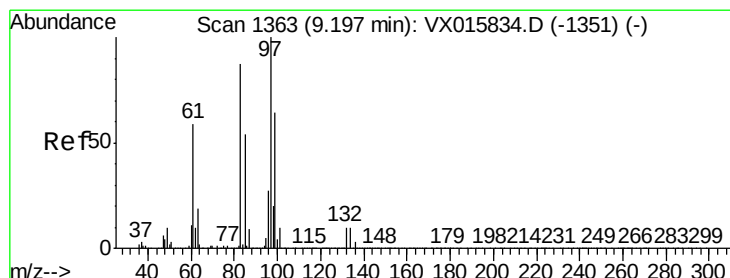
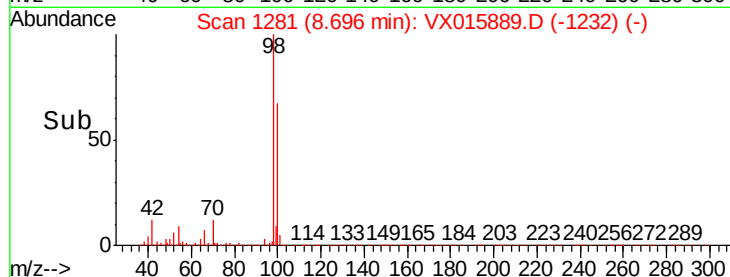
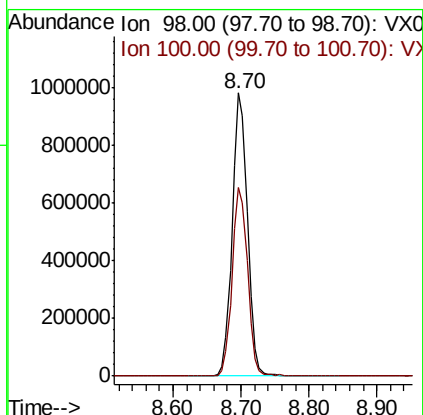
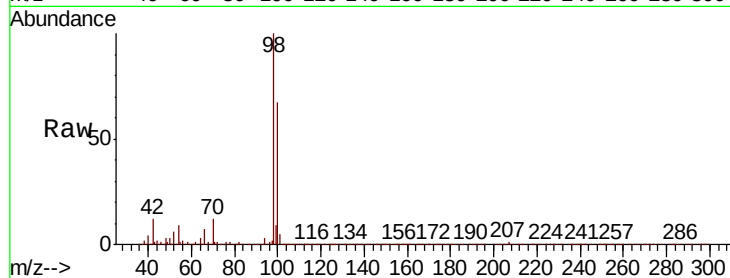
KY001IW089-200421DL

Tot Ion: 98 Resp: 1526389

Ion Ratio Lower Upper

98 100

100 67.7 53.8 80.6



#55

1,1,2-Trichloroethane

Concen: 1.284 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.05 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Tgt Ion: 97 Resp: 10878

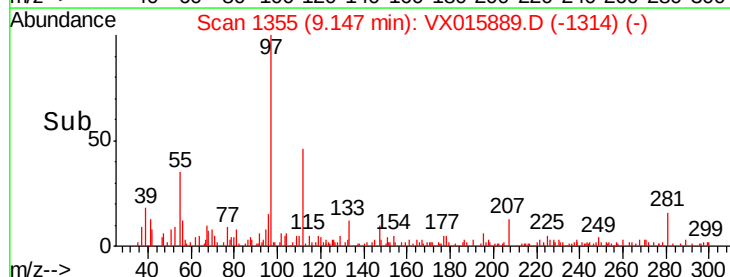
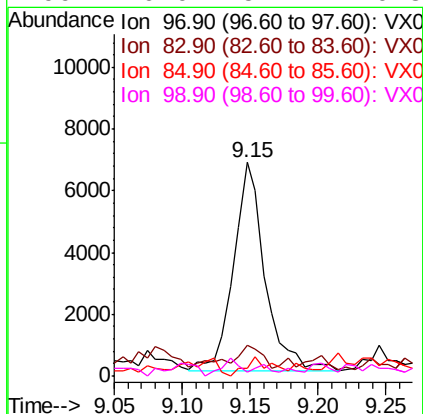
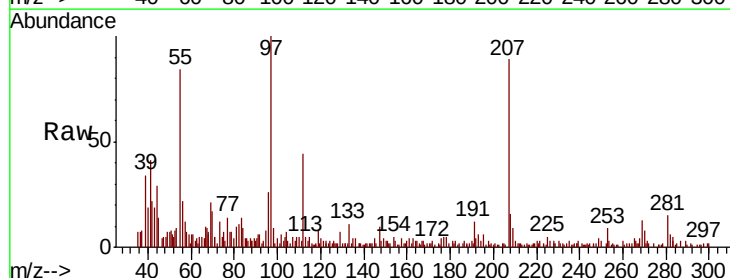
Ion Ratio Lower Upper

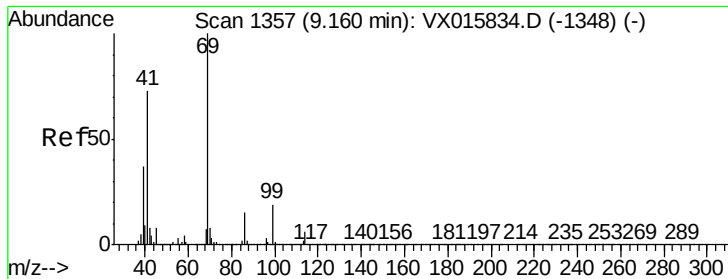
97 100

83 11.3 69.8 104.8#

85 0.0 43.4 65.2#

99 0.0 51.2 76.8#





#56

Ethyl methacrylate

Concen: 0.231 ug/l

RT: 9.14 min Scan# 1354

Delta R.T. -0.02 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421DL

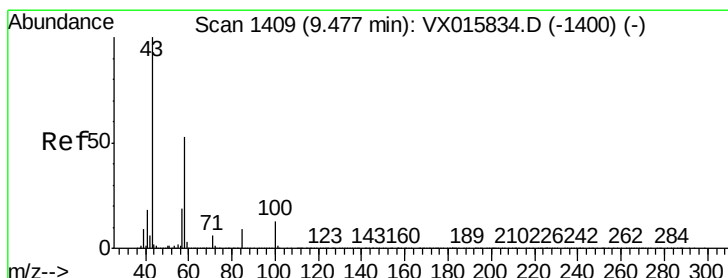
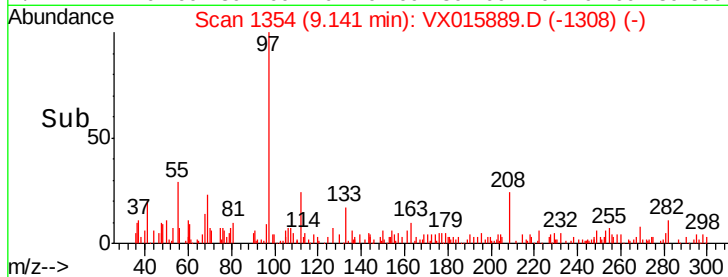
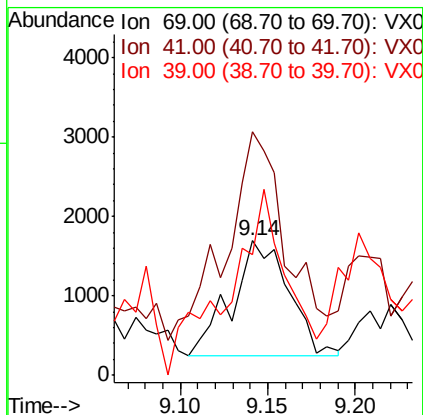
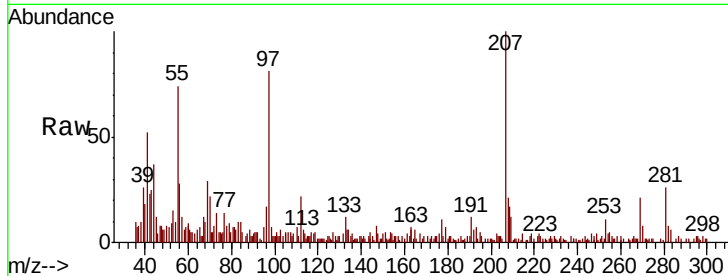
Tot Ion: 69 Resp: 3313

Ion Ratio Lower Upper

69 100

41 185.7 57.4 86.2#

39 169.3 29.7 44.5#



#59

2-Hexanone

Concen: 0.357 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX015889.D

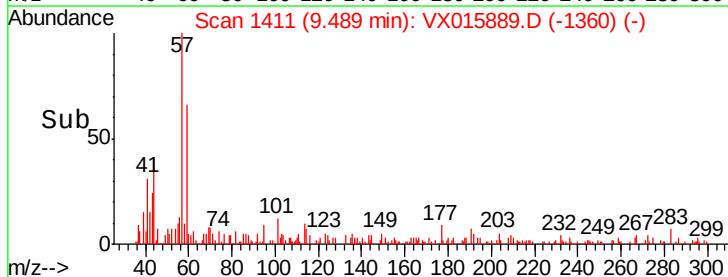
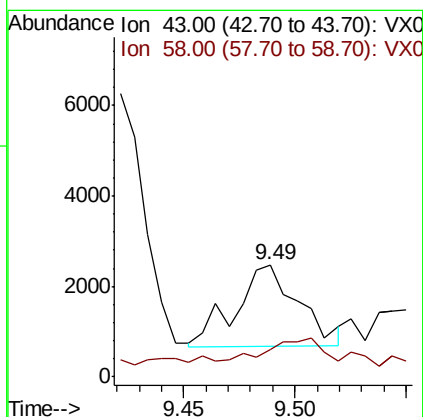
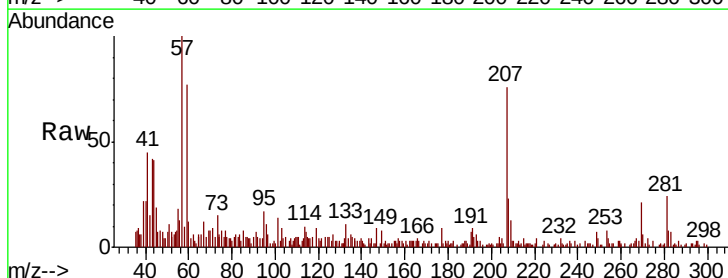
Acq: 23 Apr 2020 14:45

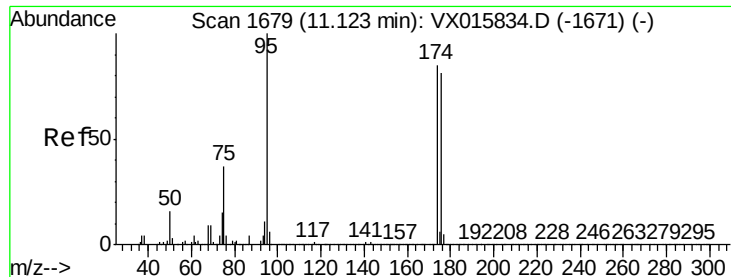
Tgt Ion: 43 Resp: 3545

Ion Ratio Lower Upper

43 100

58 31.5 26.5 79.4





#62

4-Bromofluorobenzene

Concen: 54.961 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421DL

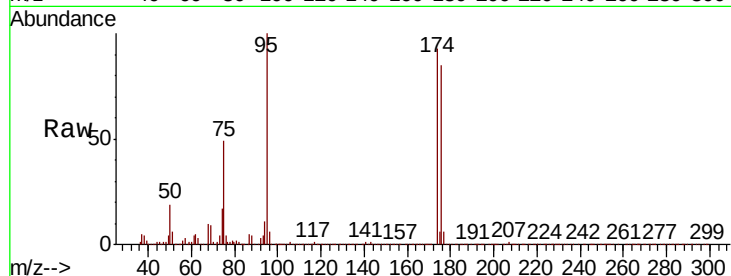
Tot Ion: 95 Resp: 664338

Ion Ratio Lower Upper

95 100

174 88.0 0.0 172.4

176 85.4 0.0 167.0

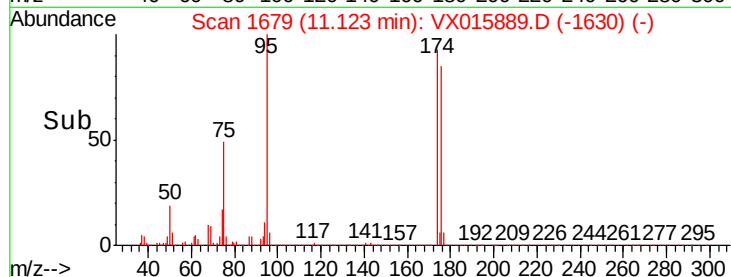


Abundance Ion 94.90 (94.60 to 95.60): VX015889.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015889.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015889.D (-1630) (-)

Time--> 11.00 11.10 11.20

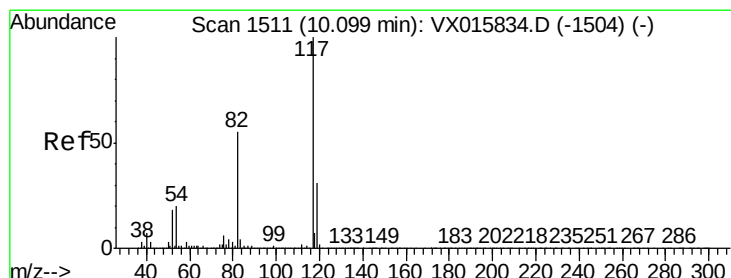


Abundance Ion 94.90 (94.60 to 95.60): VX015889.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015889.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015889.D (-1630) (-)

Time--> 11.00 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

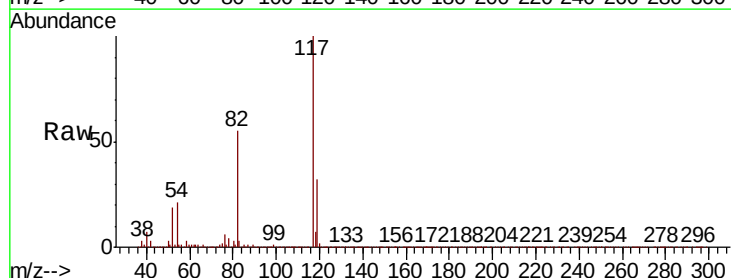
Tgt Ion: 117 Resp: 1271651

Ion Ratio Lower Upper

117 100

82 55.3 43.9 65.9

119 32.1 25.1 37.7

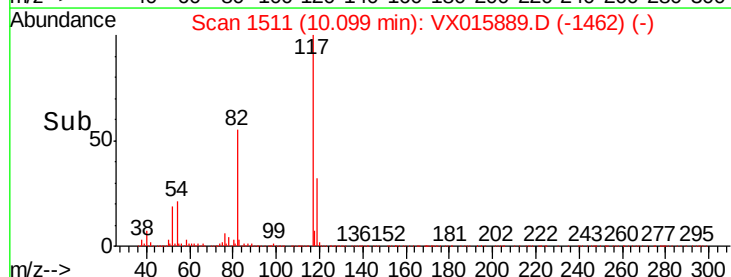


Abundance Ion 116.90 (116.60 to 117.60): VX015889.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015889.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015889.D (-1462) (-)

Time--> 10.00 10.10 10.20

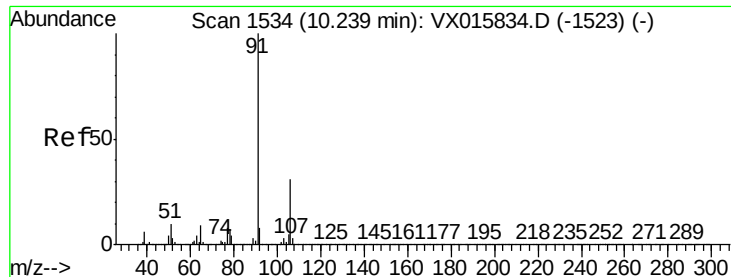


Abundance Ion 116.90 (116.60 to 117.60): VX015889.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015889.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015889.D (-1462) (-)

Time--> 10.00 10.10 10.20



#67

Ethyl Benzene

Concen: 83.127 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

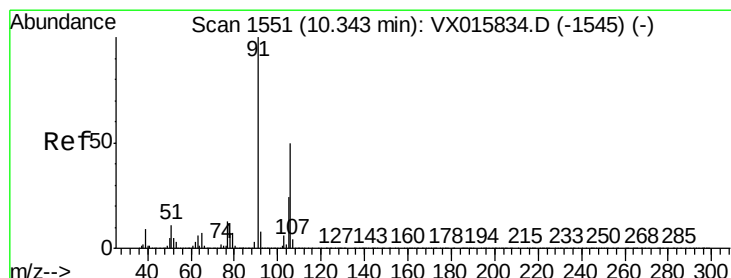
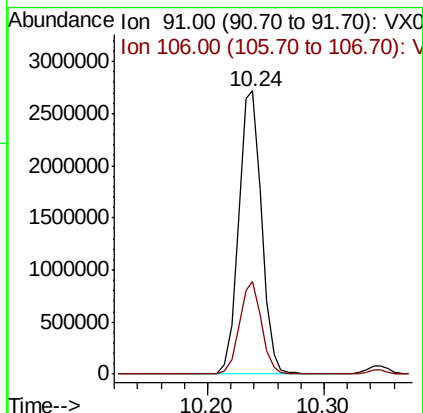
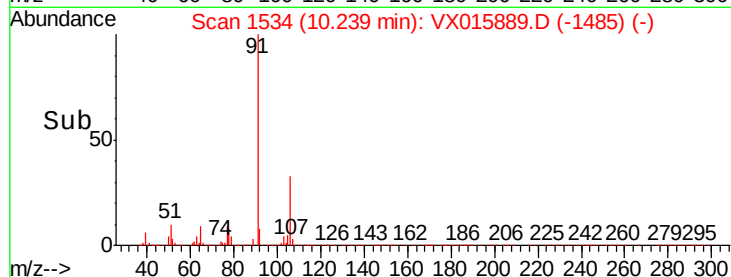
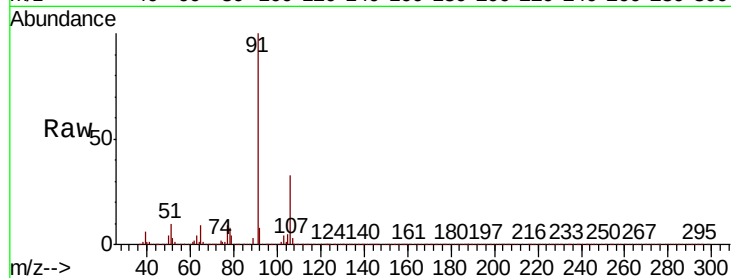
KY001IW089-200421DL

Tot Ion: 91 Resp: 3712071

Ion Ratio Lower Upper

91 100

106 32.8 25.0 37.4



#68

m/p-Xylenes

Concen: 3.287 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VX015889.D

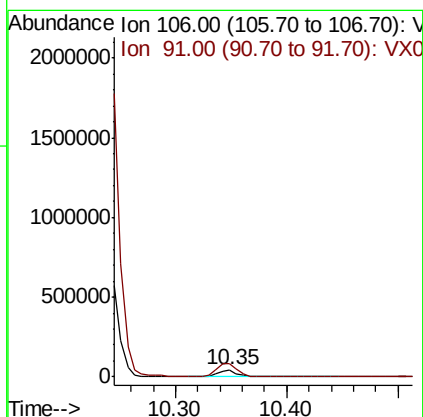
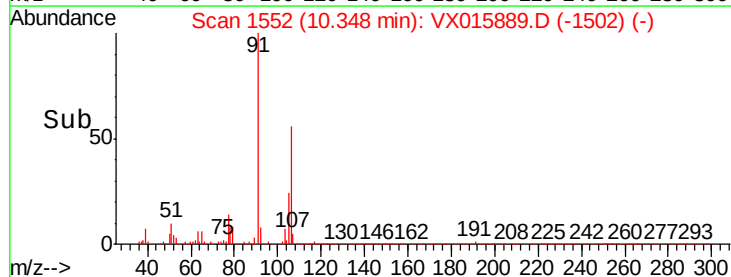
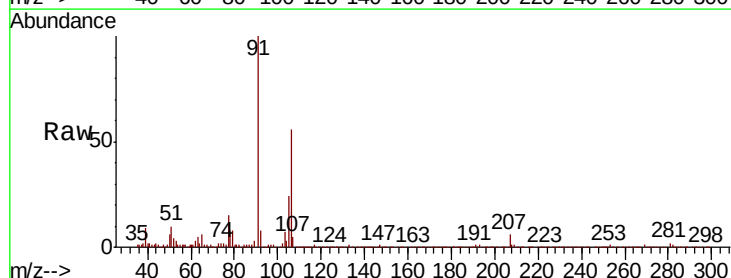
Acq: 23 Apr 2020 14:45

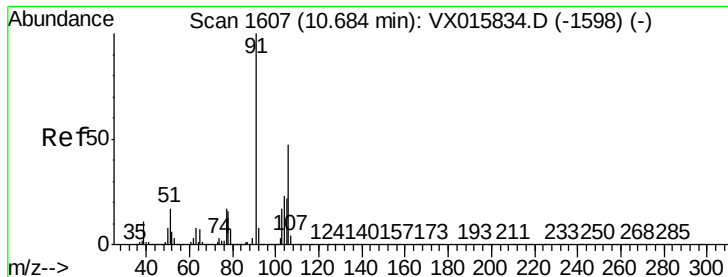
Tgt Ion: 106 Resp: 55101

Ion Ratio Lower Upper

106 100

91 0.0 161.1 241.7#

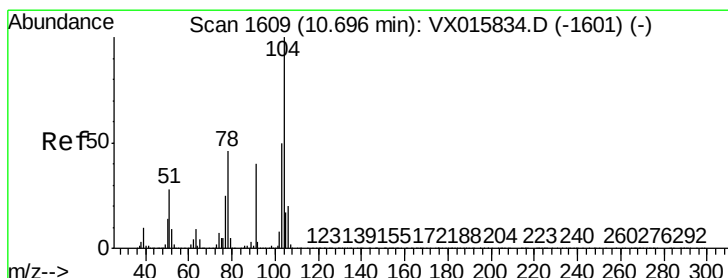
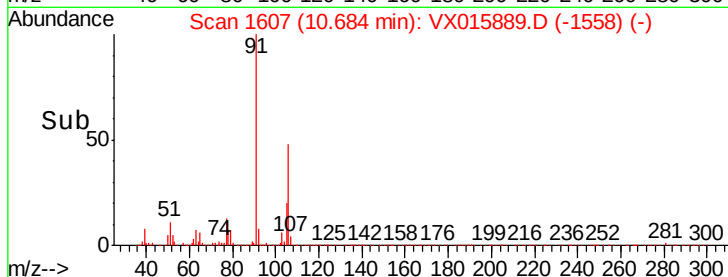
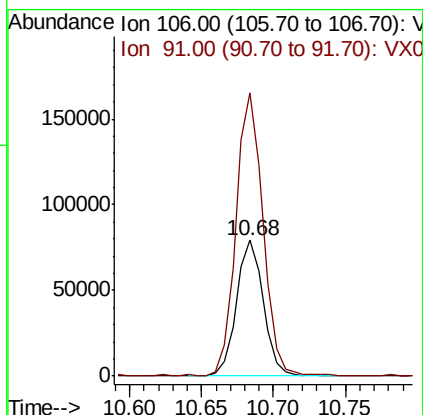
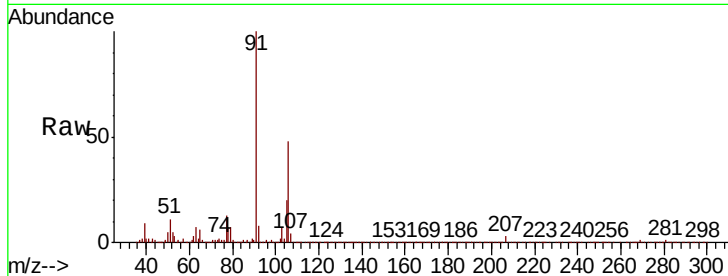




#69
o-Xylene
Concen: 6.207 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

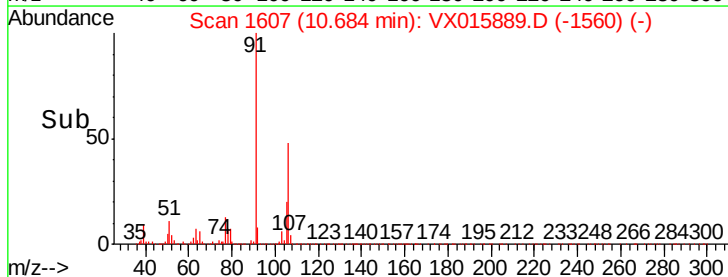
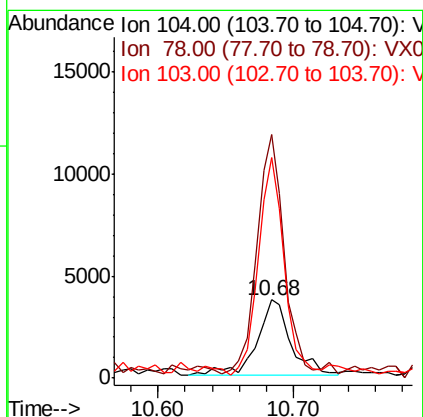
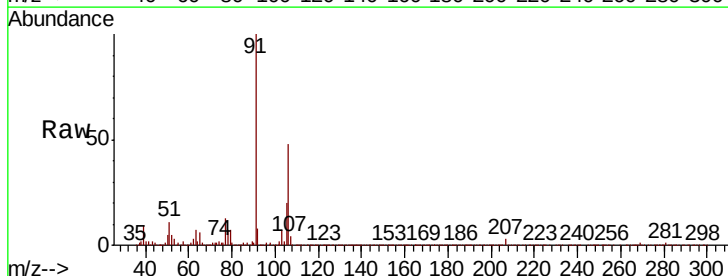
Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421DL

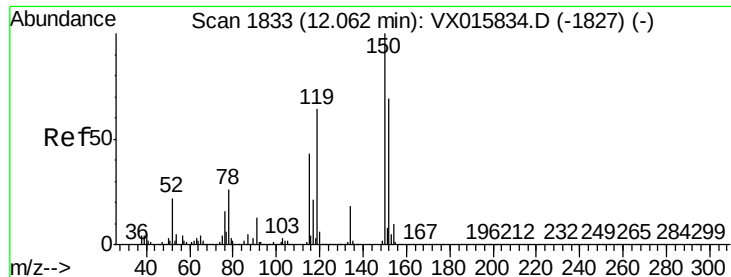
Tot Ion:106 Resp: 102383
Ion Ratio Lower Upper
106 100
91 209.3 107.1 321.3



#70
Styrene
Concen: 0.230 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.01 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Tgt Ion:104 Resp: 6557
Ion Ratio Lower Upper
104 100
78 248.5 40.1 60.1#
103 216.2 43.3 64.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421DL

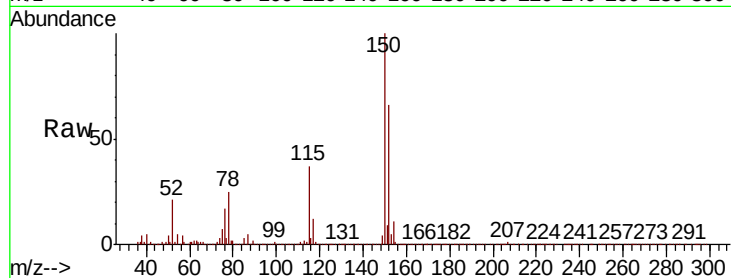
Tot Ion:152 Resp: 706929

Ion Ratio Lower Upper

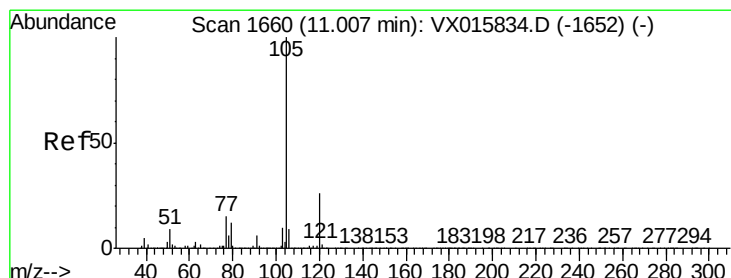
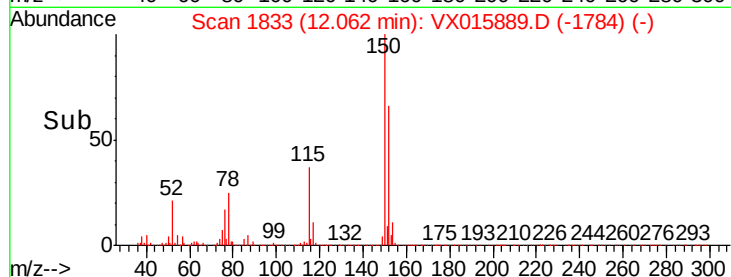
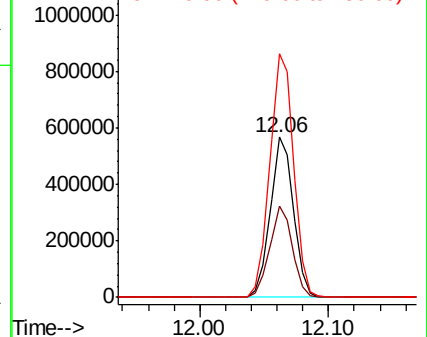
152 100

115 55.7 39.0 116.9

150 155.9 0.0 336.8



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: 12.235 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015889.D

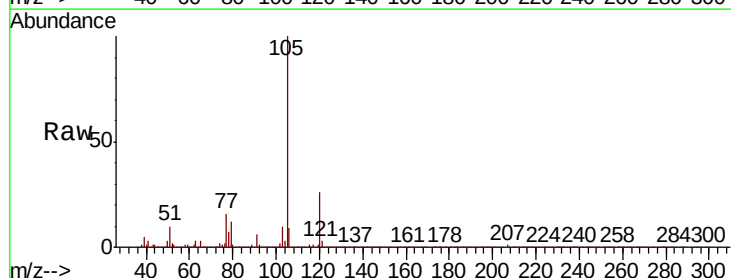
Acq: 23 Apr 2020 14:45

Tgt Ion:105 Resp: 549316

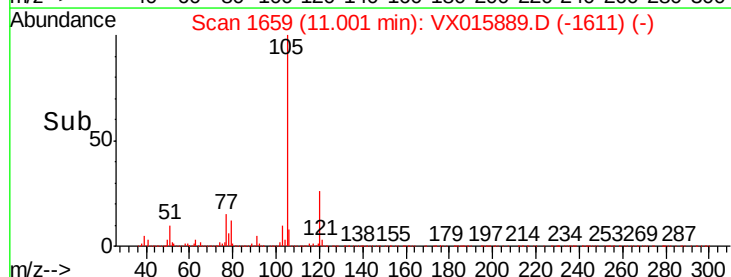
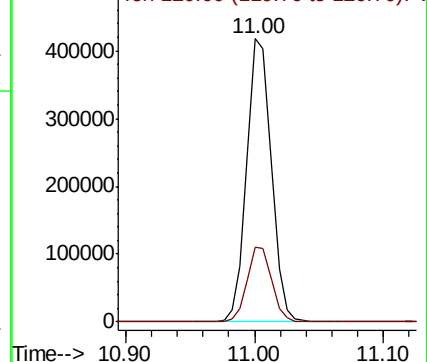
Ion Ratio Lower Upper

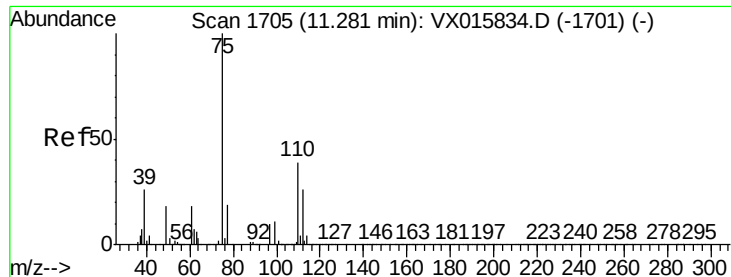
105 100

120 26.3 13.1 39.1



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

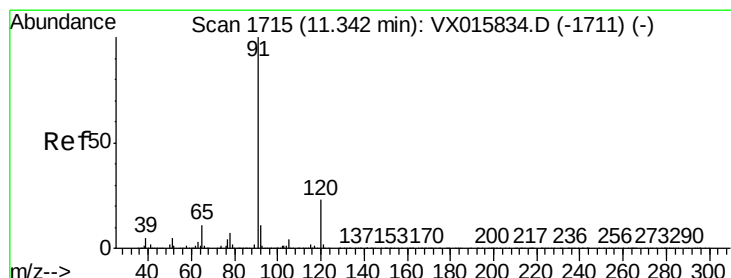
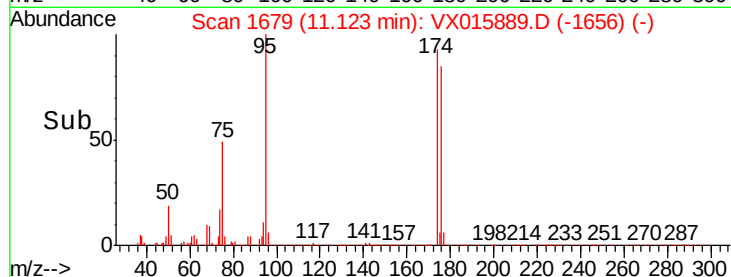
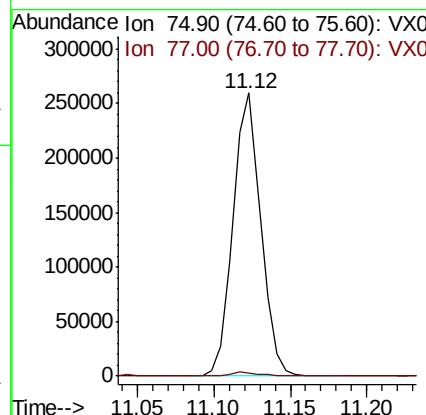
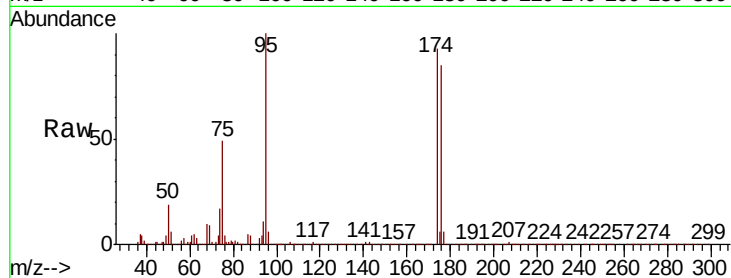




#76
 1,2,3-Trichloropropane
 Concen: 24.140 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.16 min
 Lab File: VX015889.D
 Acq: 23 Apr 2020 14:45

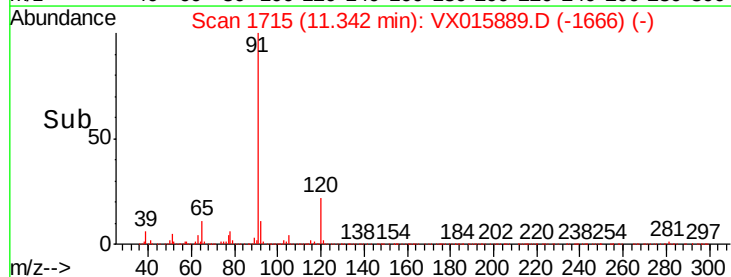
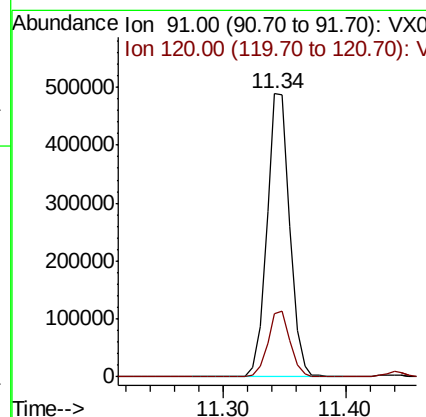
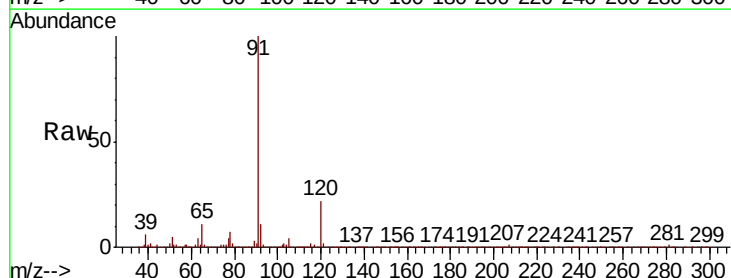
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW089-200421DL

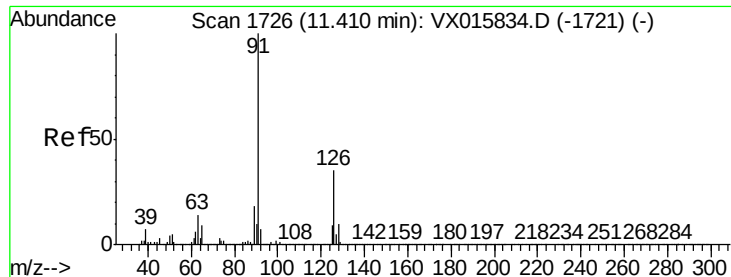
Tot Ion: 75 Resp: 324508
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.3 63.9#



#78
 n-propylbenzene
 Concen: 12.323 ug/l
 RT: 11.34 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: VX015889.D
 Acq: 23 Apr 2020 14:45

Tgt Ion: 91 Resp: 633772
 Ion Ratio Lower Upper
 91 100
 120 22.8 11.7 35.1





#79

2-Chlorotoluene

Concen: 20.514 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.07 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

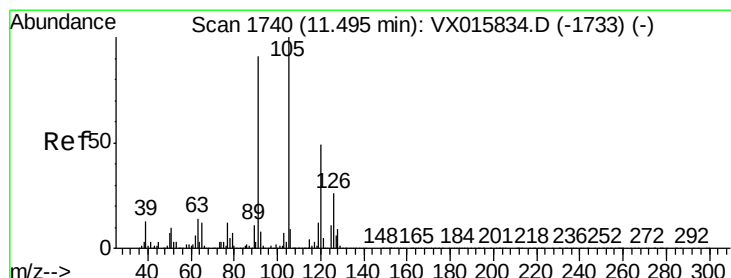
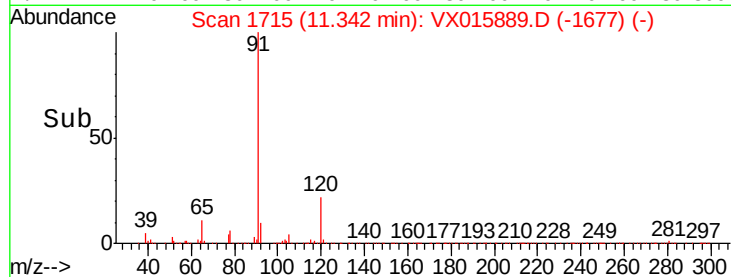
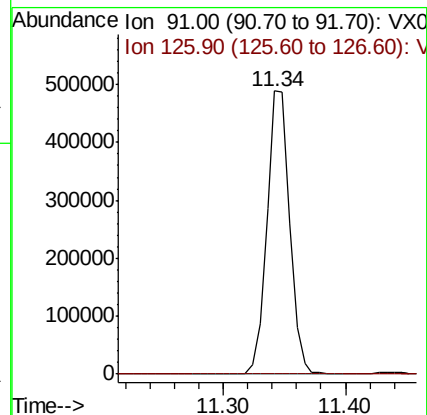
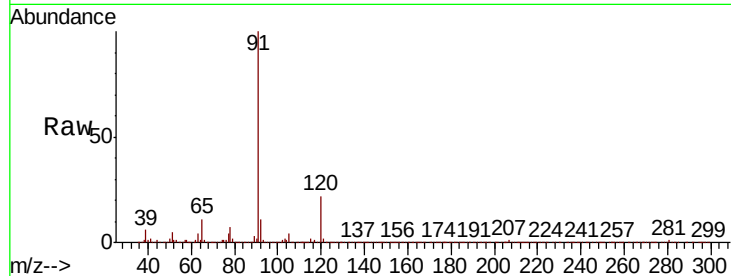
KY001IW089-200421DL

Tot Ion: 91 Resp: 633772

Ion Ratio Lower Upper

91 100

126 0.2 17.2 51.5#



#80

1,3,5-Trimethylbenzene

Concen: 5.321 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015889.D

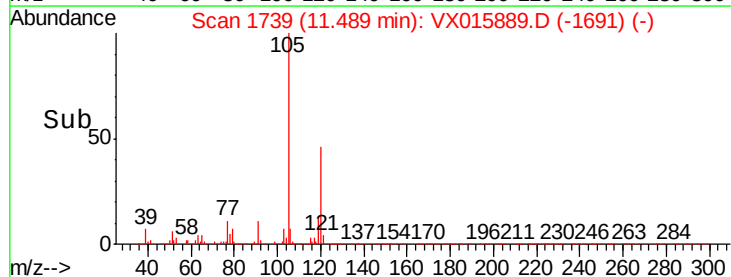
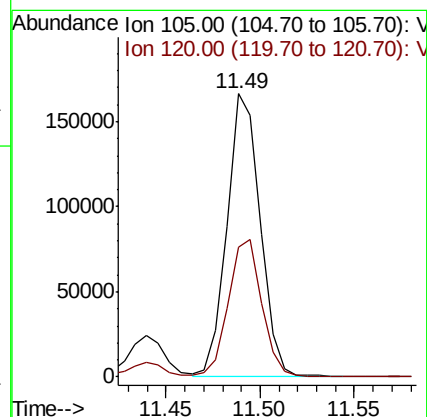
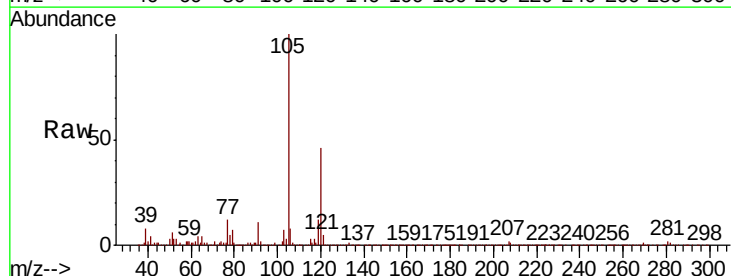
Acq: 23 Apr 2020 14:45

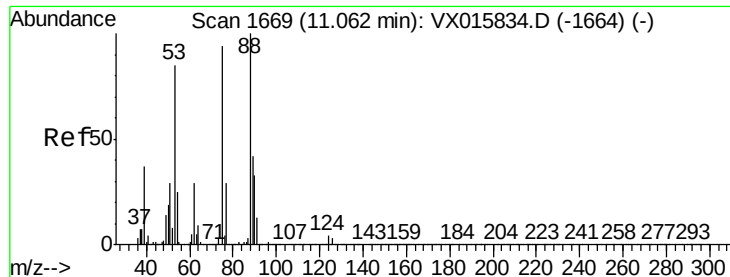
Tgt Ion: 105 Resp: 203706

Ion Ratio Lower Upper

105 100

120 48.6 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 58.069 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421DL

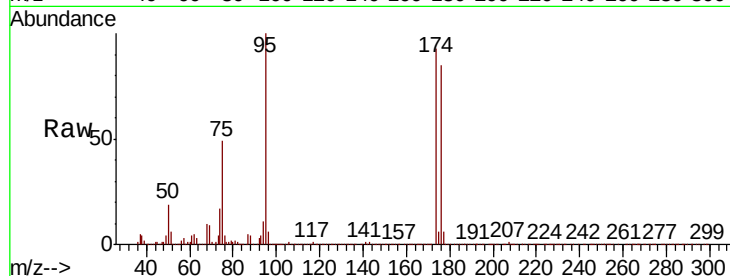
Tot Ion: 75 Resp: 324508

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.2#

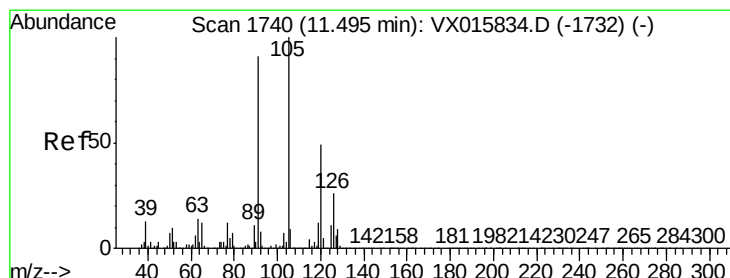
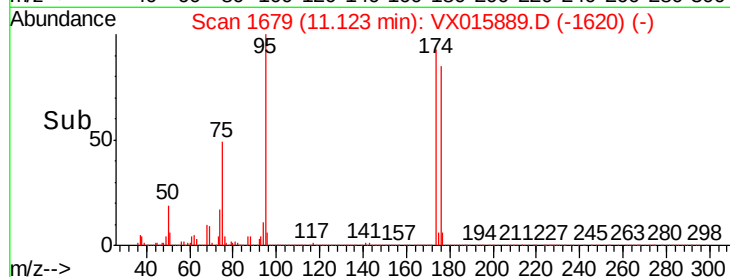
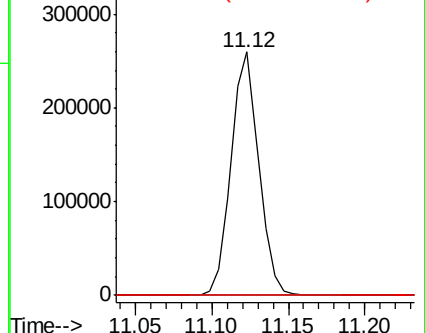
89 0.3 38.0 57.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.594 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015889.D

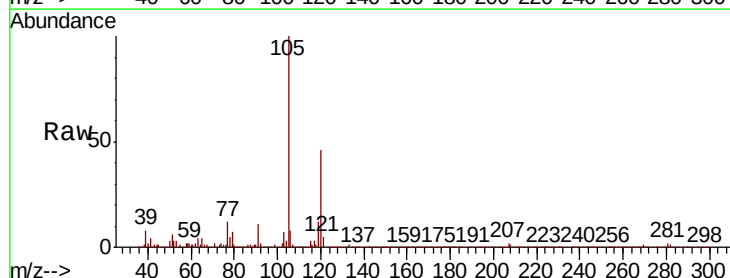
Acq: 23 Apr 2020 14:45

Tgt Ion: 91 Resp: 21801

Ion Ratio Lower Upper

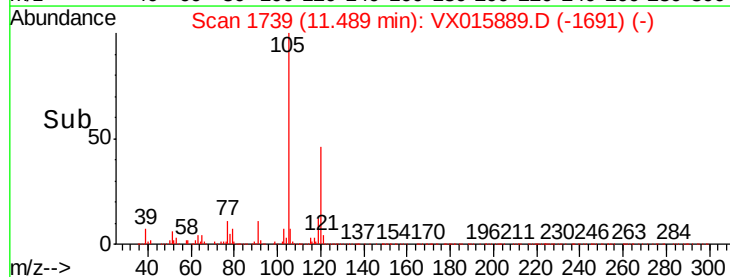
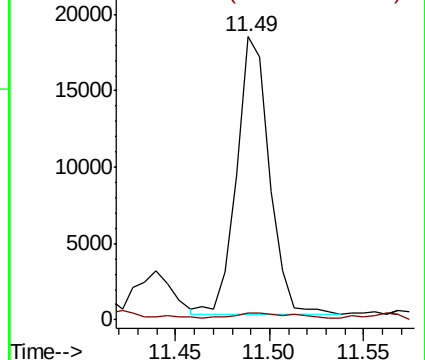
91 100

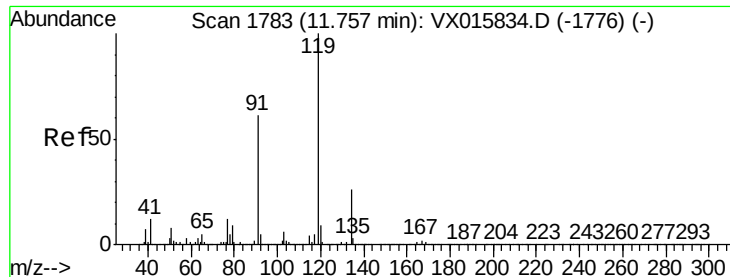
126 3.7 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.227 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421DL

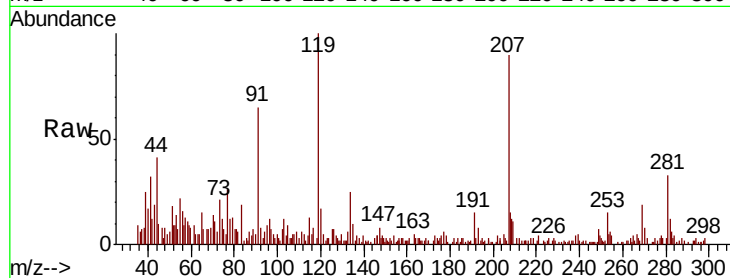
Tot Ion:119 Resp: 7721

Ion Ratio Lower Upper

119 100

91 55.5 30.9 92.7

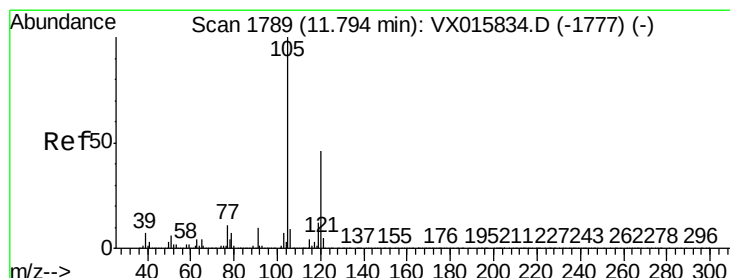
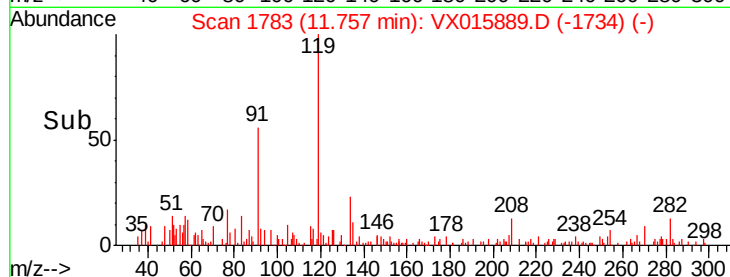
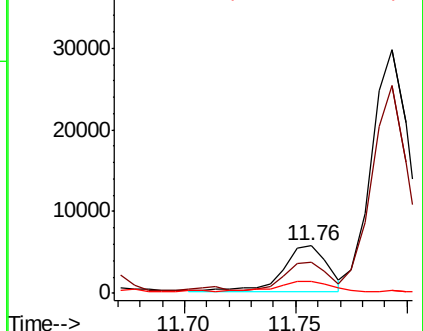
134 30.4 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 6.987 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015889.D

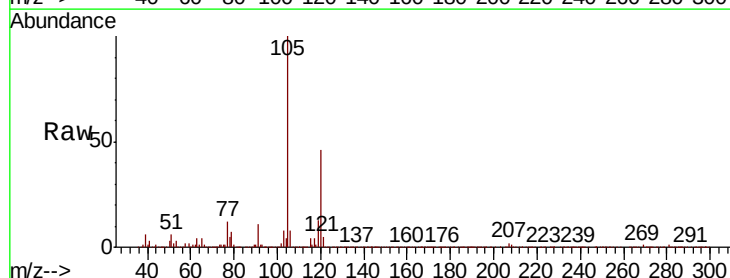
Acq: 23 Apr 2020 14:45

Tgt Ion:105 Resp: 277678

Ion Ratio Lower Upper

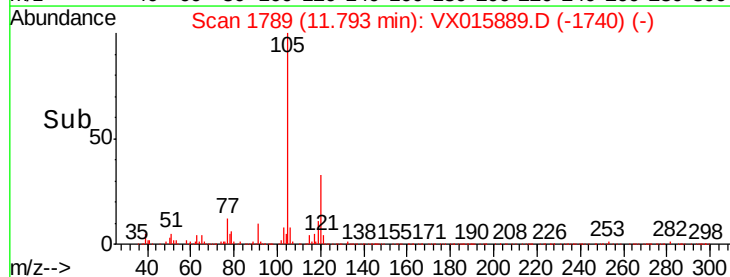
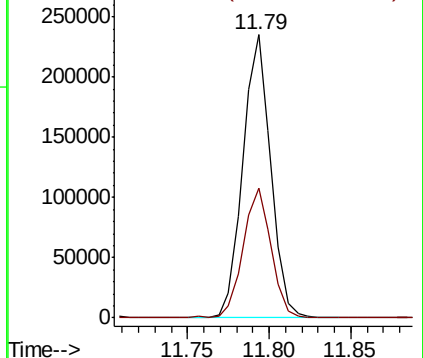
105 100

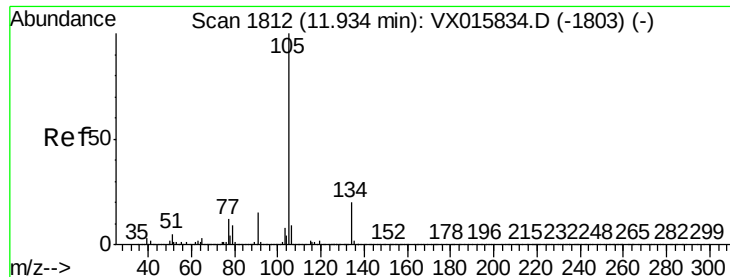
120 46.3 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.836 ug/l

RT: 11.93 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

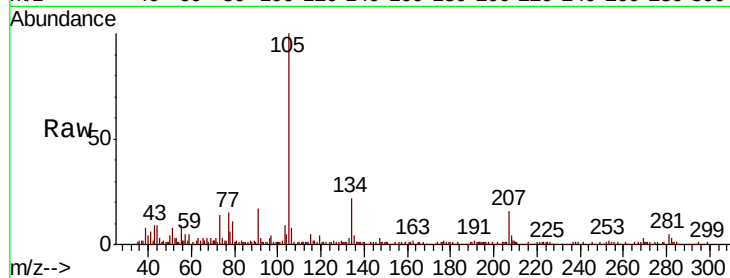
KY001IW089-200421DL

Tot Ion:105 Resp: 37432

Ion Ratio Lower Upper

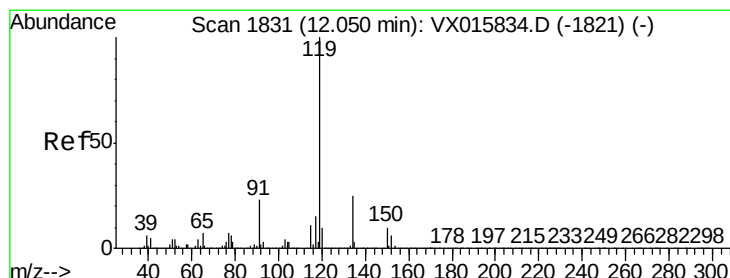
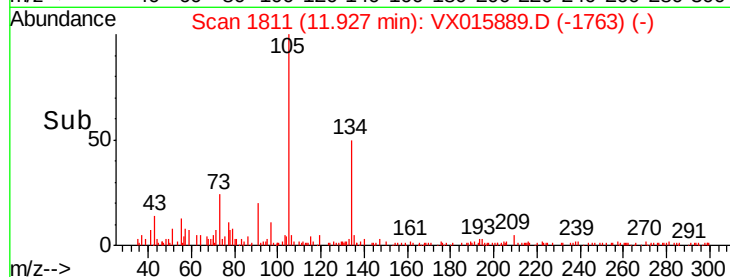
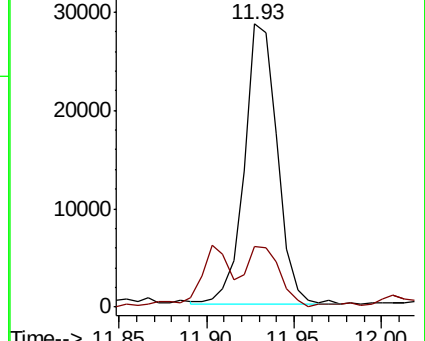
105 100

134 22.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.789 ug/l

RT: 12.22 min Scan# 1859

Delta R.T. 0.17 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

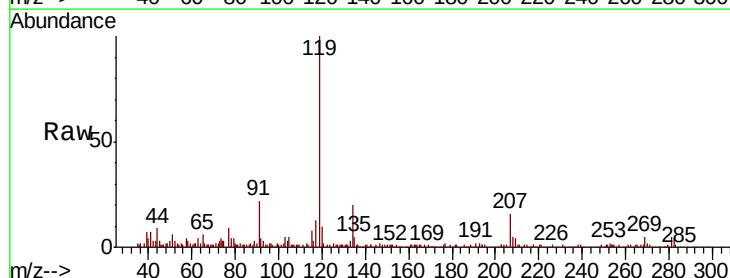
Tgt Ion:119 Resp: 33007

Ion Ratio Lower Upper

119 100

134 24.3 13.0 38.9

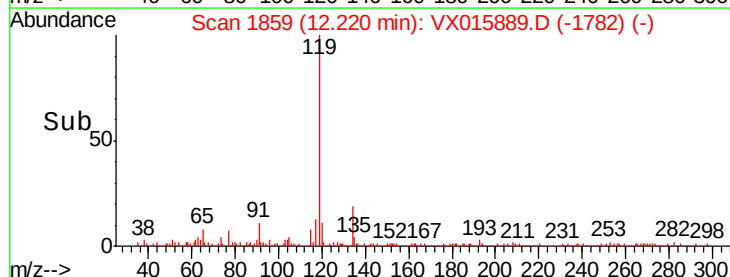
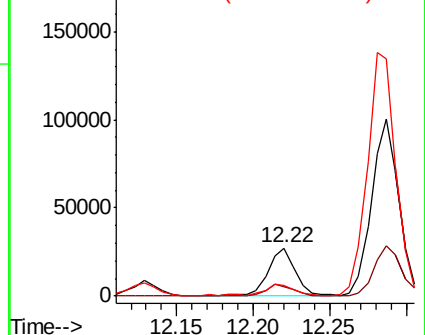
91 24.5 11.5 34.5

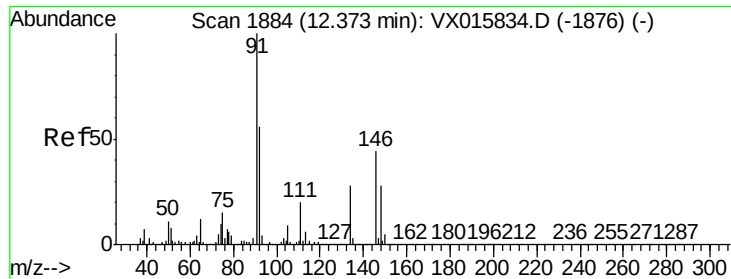


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

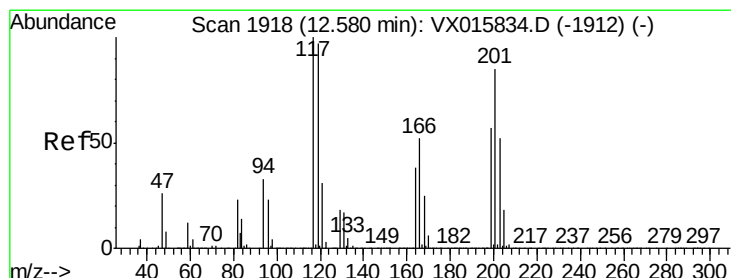
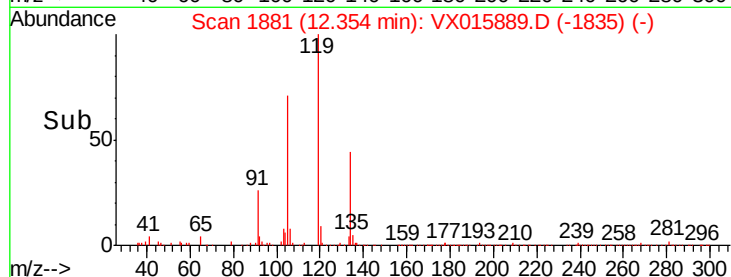
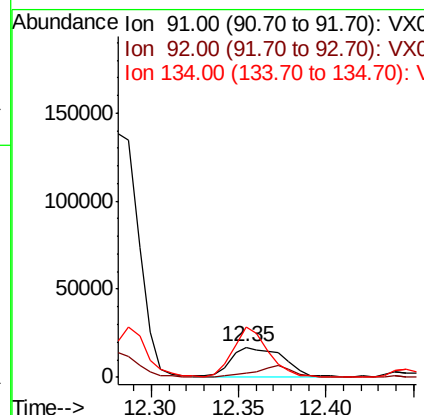
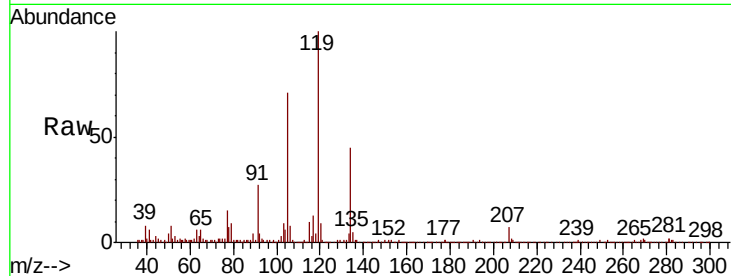




#89
n-Butylbenzene
Concen: 0.918 ug/l
RT: 12.35 min Scan# 1881
Delta R.T. -0.02 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

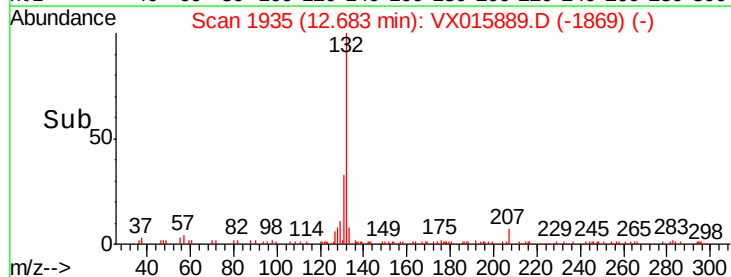
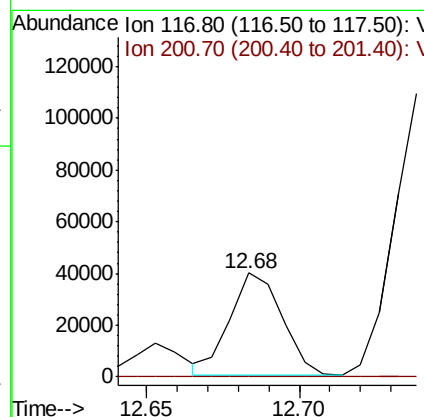
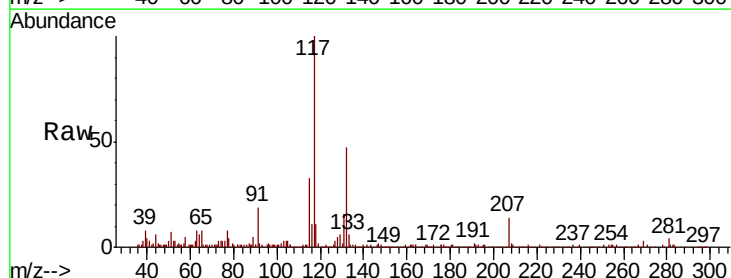
Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421DL

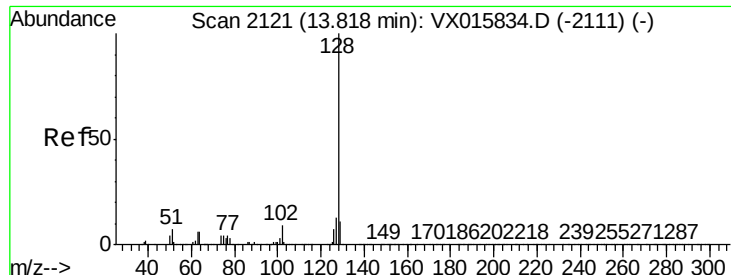
Tot Ion: 91 Resp: 34356
Ion Ratio Lower Upper
91 100
92 30.0 27.7 83.1
134 113.6 14.1 42.4#



#90
Hexachloroethane
Concen: 10.430 ug/l
RT: 12.68 min Scan# 1935
Delta R.T. 0.10 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Tgt Ion: 117 Resp: 46121
Ion Ratio Lower Upper
117 100
201 0.2 45.6 136.9#





#95
Naphthalene
Concen: 4.337 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.5	8.5	12.7

