

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048827.D
 Acq On : 03 Jun 2022 01:17
 Operator : SY/MD
 Sample : N3120-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40031

Quant Time: Jun 03 04:04:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.372	168	330855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	531155	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	487458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	247439	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	222310	44.741	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.480%
35) Dibromofluoromethane	5.289	113	170351	44.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.900%
50) Toluene-d8	7.896	98	649796	47.837	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.680%
62) 4-Bromofluorobenzene	10.632	95	240642	46.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.680%

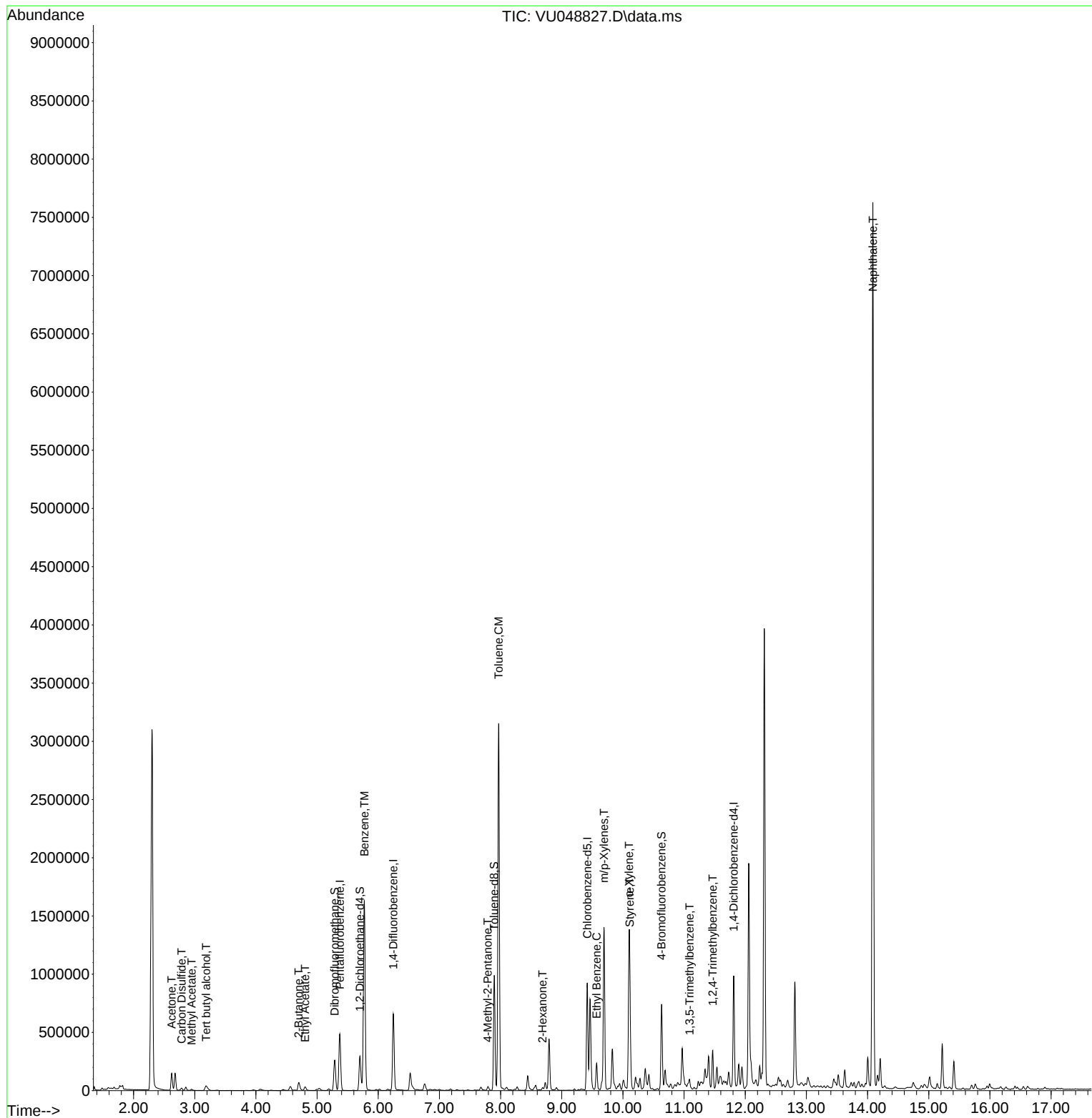
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.186	59	53330	42.334	ug/l #	41
16) Acetone	2.623	43	155993	61.603	ug/l	100
17) Carbon Disulfide	2.787	76	15854	1.613	ug/l	97
18) Methyl Acetate	2.948	43	12539	1.972	ug/l	98
25) 2-Butanone	4.700	43	101816	27.988	ug/l	100
37) Ethyl Acetate	4.803	43	42225	6.039	ug/l	97
40) Benzene	5.774	78	1523022	93.278	ug/l	100
51) 4-Methyl-2-Pentanone	7.790	43	18192	2.761	ug/l	97
52) Toluene	7.970	92	1305891	133.713	ug/l	99
59) 2-Hexanone	8.687	43	13116	2.425	ug/l	95
67) Ethyl Benzene	9.571	91	159983	9.201	ug/l	99
68) m/p-Xylenes	9.690	106	390257	57.384	ug/l	99
69) o-Xylene	10.099	106	284912	42.642	ug/l	100
70) Styrene	10.115	104	321082	29.216	ug/l	95
80) 1,3,5-Trimethylbenzene	11.089	105	45133	3.249	ug/l	96
84) 1,2,4-Trimethylbenzene	11.468	105	174052	12.536	ug/l	99
95) Naphthalene	14.086	128	5750518	282.827	ug/l	100

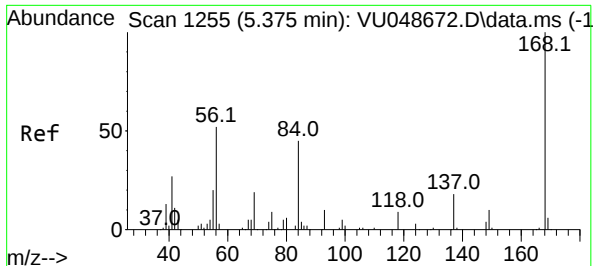
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
Data File : VU048827.D
Acq On : 03 Jun 2022 01:17
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
40031

Quant Time: Jun 03 04:04:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

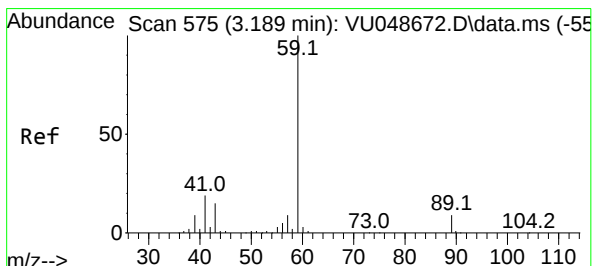
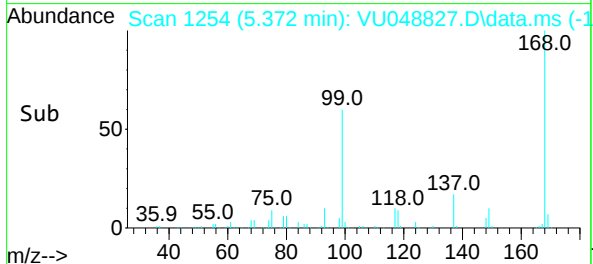
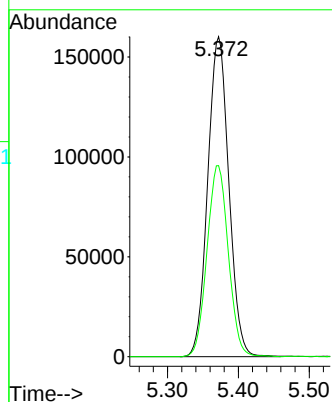
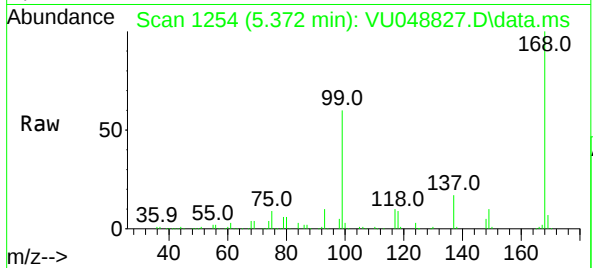




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

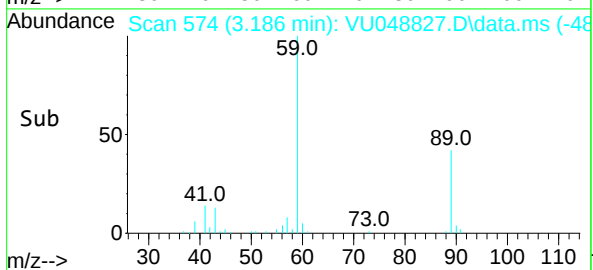
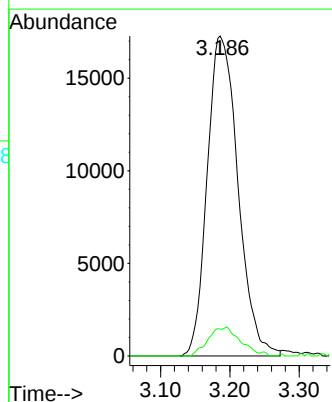
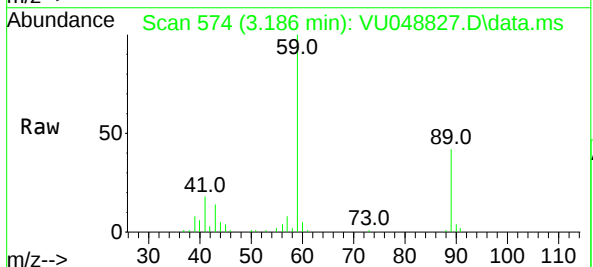
Instrument :
MSVOA_U
ClientSampleId :
40031

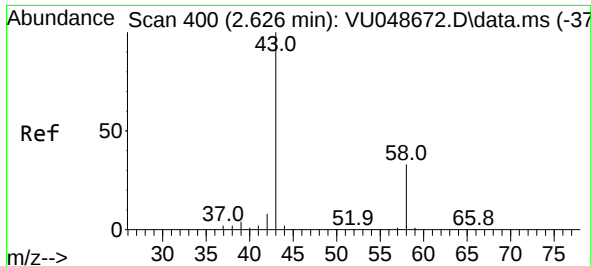
Tgt Ion:168 Resp: 330855
Ion Ratio Lower Upper
168 100
99 59.7 49.3 73.9



#11
Tert butyl alcohol
Concen: 42.334 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.003 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

Tgt Ion: 59 Resp: 53330
Ion Ratio Lower Upper
59 100
57 9.3 39.7 59.5#

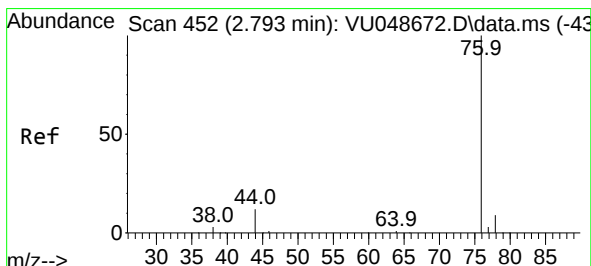
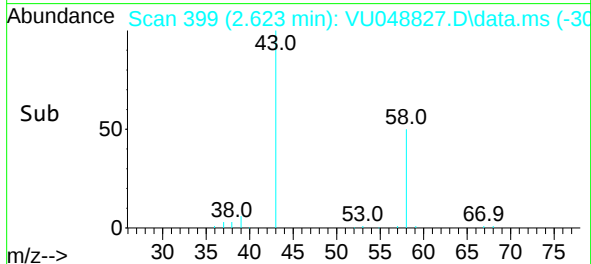
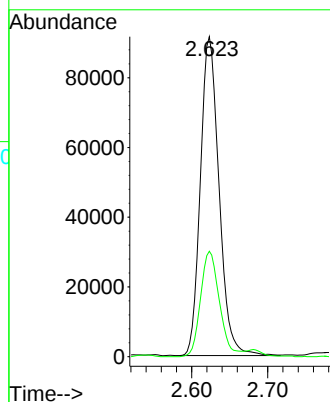
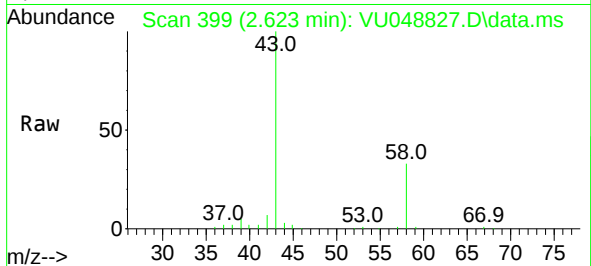




#16
Acetone
Concen: 61.603 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

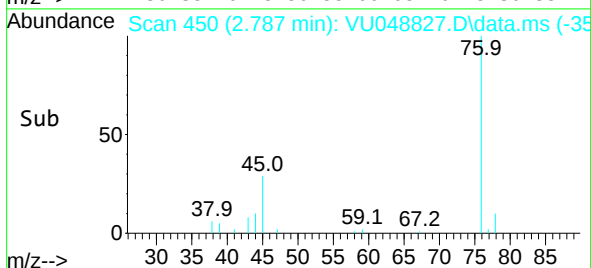
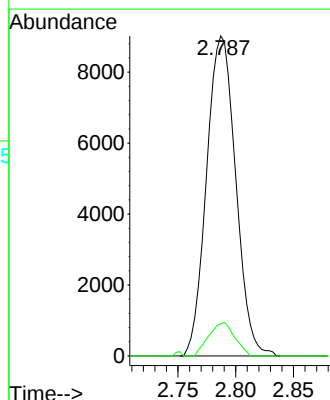
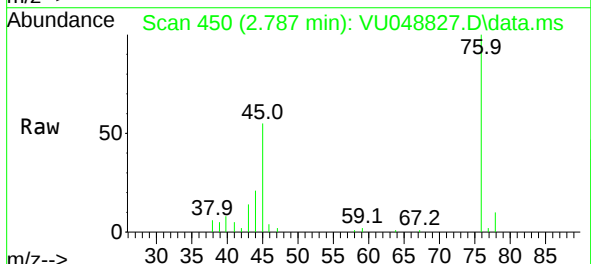
Instrument :
MSVOA_U
ClientSampleId :
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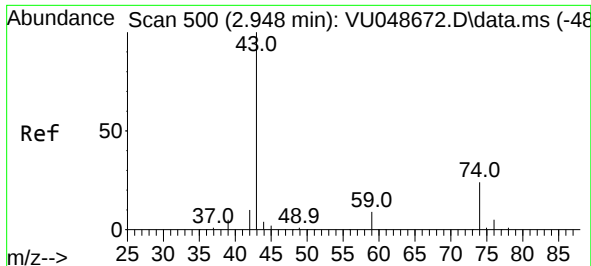
Tgt Ion: 43 Resp: 155993
Ion Ratio Lower Upper
43 100
58 33.1 26.3 39.5



#17
Carbon Disulfide
Concen: 1.613 ug/l
RT: 2.787 min Scan# 450
Delta R.T. -0.006 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

Tgt Ion: 76 Resp: 15854
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9

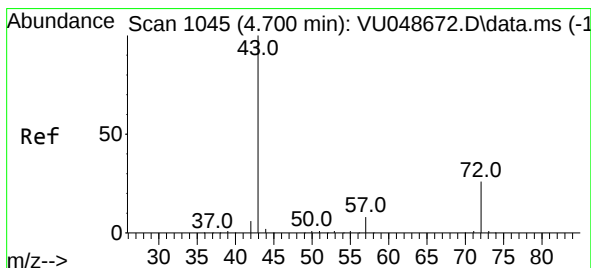
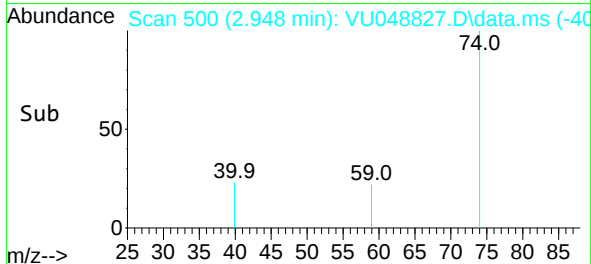
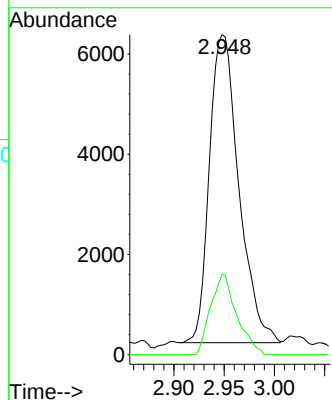
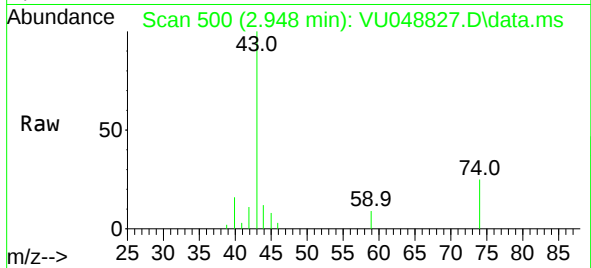




#18
Methyl Acetate
Concen: 1.972 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

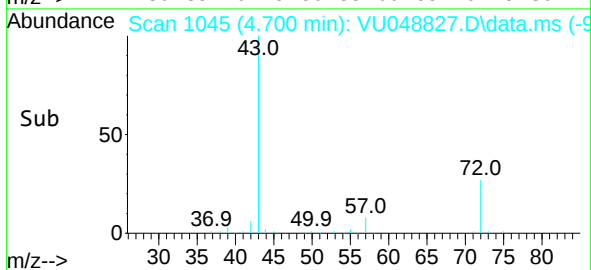
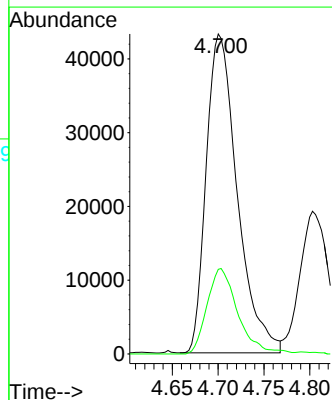
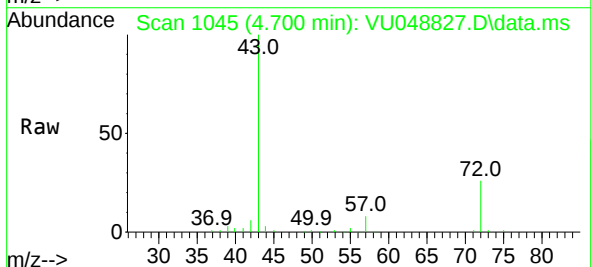
Instrument :
MSVOA_U
ClientSampleId :
40031

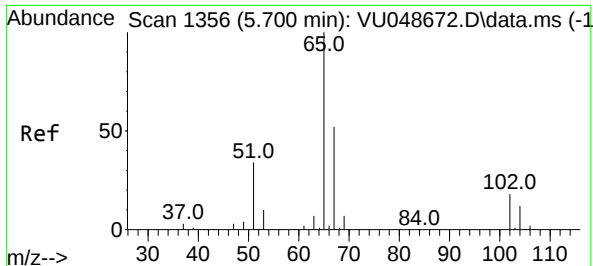
Tgt Ion: 43 Resp: 12539
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8



#25
2-Butanone
Concen: 27.988 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

Tgt Ion: 43 Resp: 101816
Ion Ratio Lower Upper
43 100
72 26.6 21.1 31.7





#33

1,2-Dichloroethane-d4

Concen: 44.741 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU048827.D

Acq: 03 Jun 2022 01:17

Instrument :

MSVOA_U

ClientSampleId :

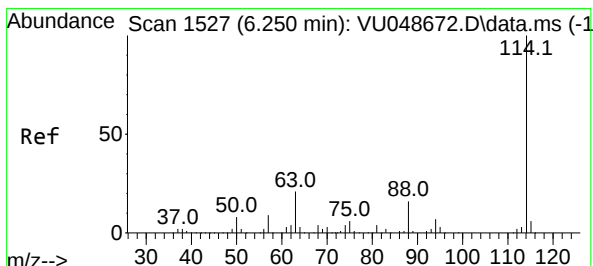
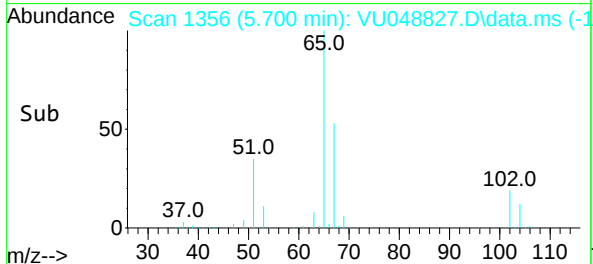
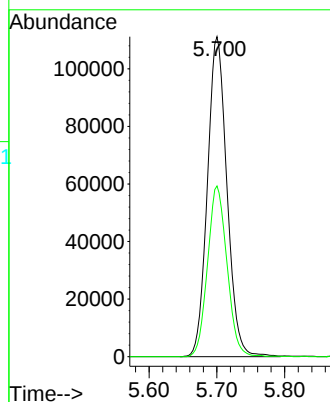
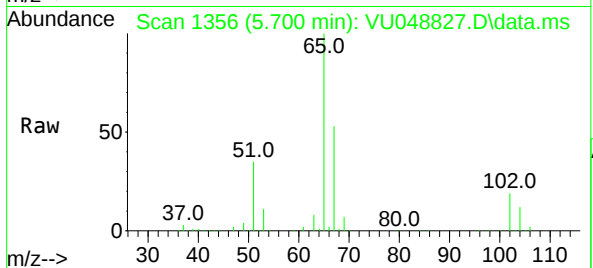
40031

Tgt Ion: 65 Resp: 222310

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048827.D

Acq: 03 Jun 2022 01:17

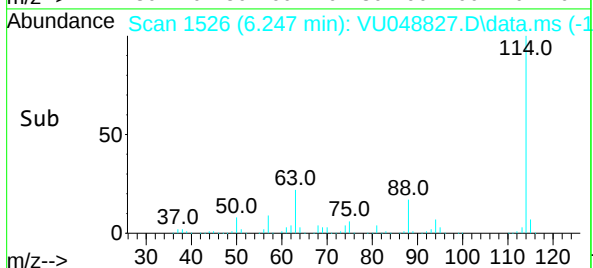
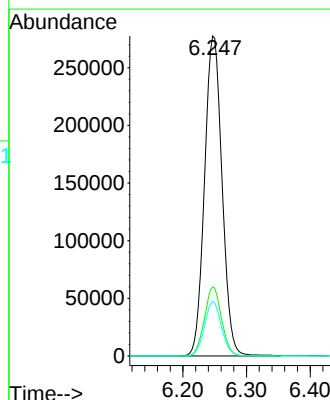
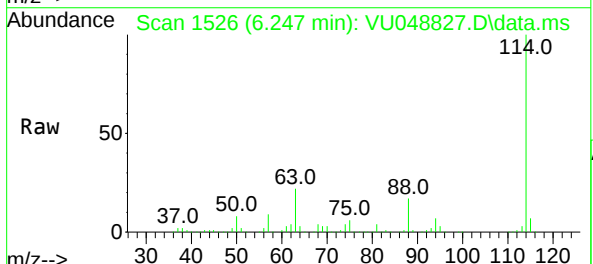
Tgt Ion: 114 Resp: 531155

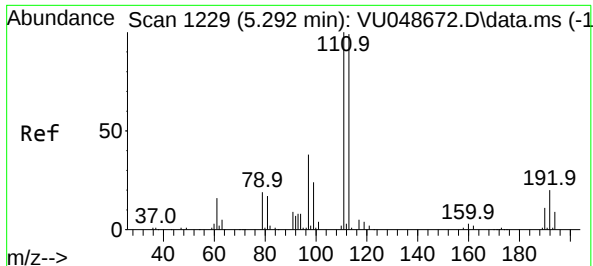
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.6

88 17.0 0.0 32.2

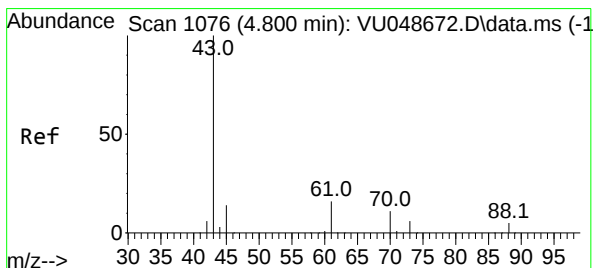
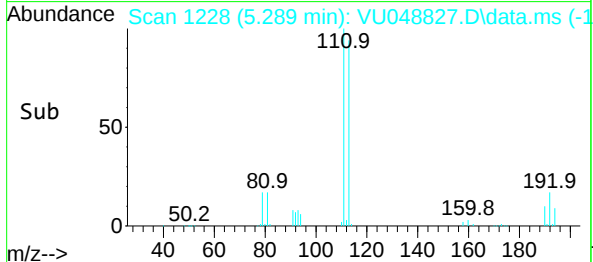
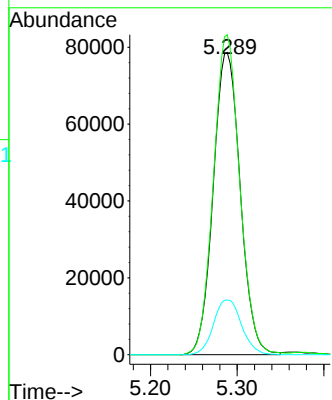
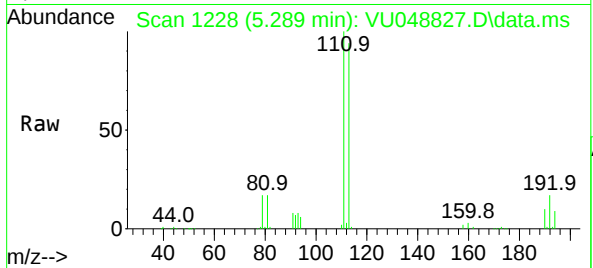




#35
Dibromofluoromethane
Concen: 44.955 ug/l
RT: 5.289 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

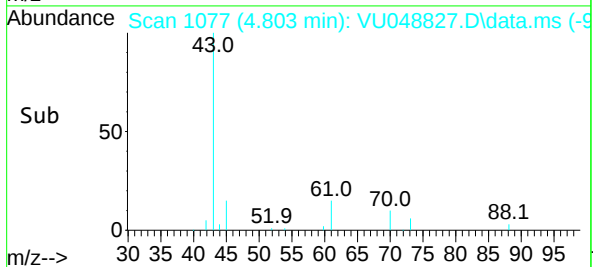
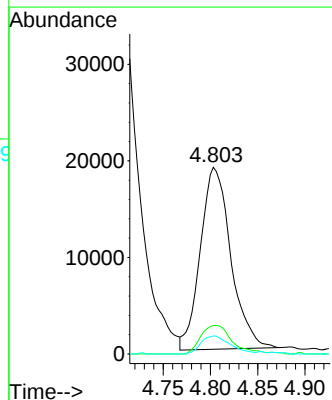
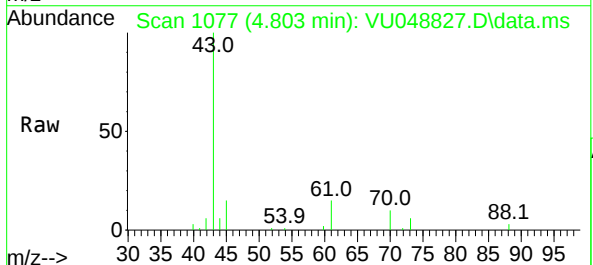
Instrument :
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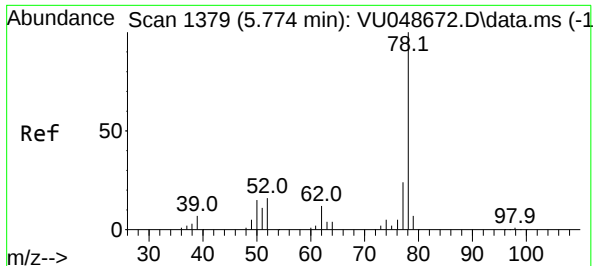
Tgt Ion:113 Resp: 170351
Ion Ratio Lower Upper
113 100
111 103.3 80.7 121.1
192 18.8 15.9 23.9



#37
Ethyl Acetate
Concen: 6.039 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

Tgt Ion: 43 Resp: 42225
Ion Ratio Lower Upper
43 100
61 16.1 11.7 17.5
70 9.5 8.4 12.6

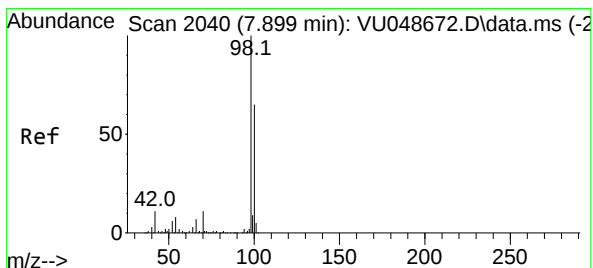
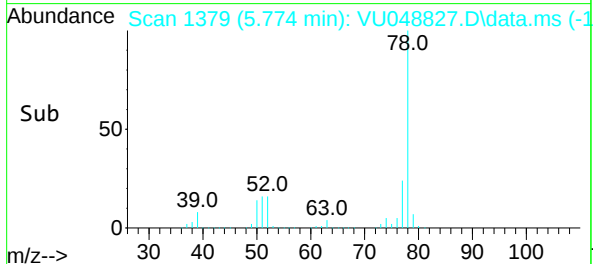
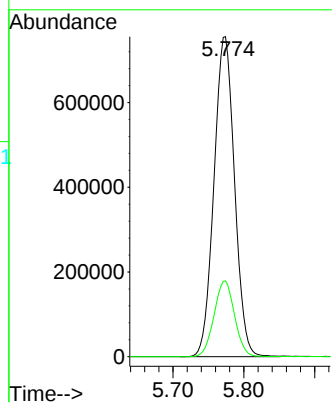
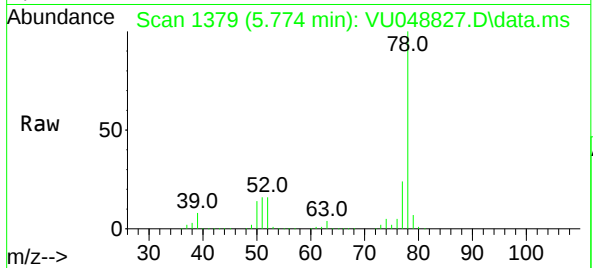




#40
Benzene
Concen: 93.278 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

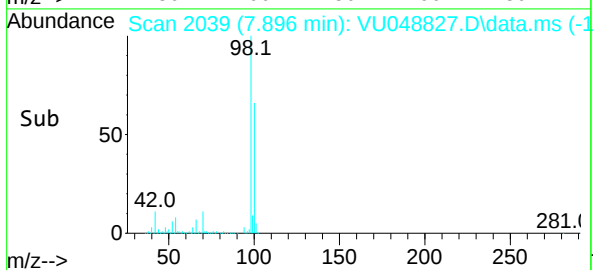
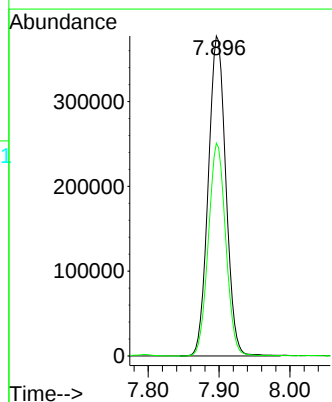
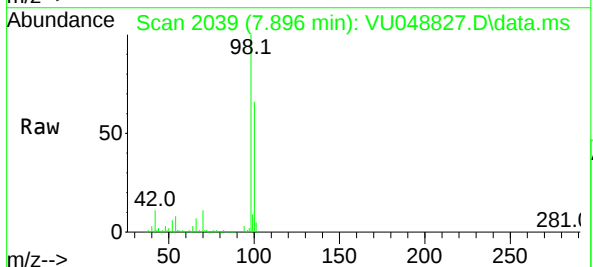
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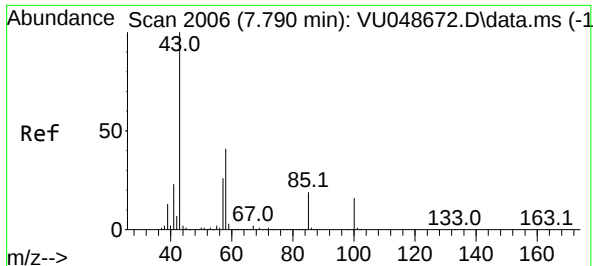
Tgt Ion: 78 Resp: 1523022
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



#50
Toluene-d8
Concen: 47.837 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

Tgt Ion: 98 Resp: 649796
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 2.761 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048827.D

Acq: 03 Jun 2022 01:17

Instrument :

MSVOA_U

ClientSampleId :

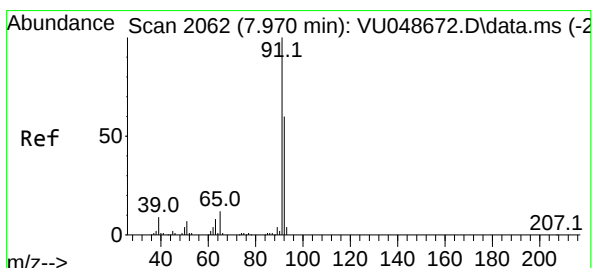
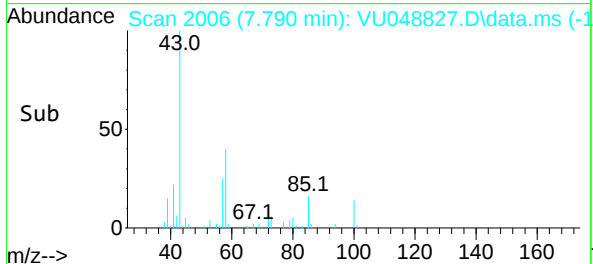
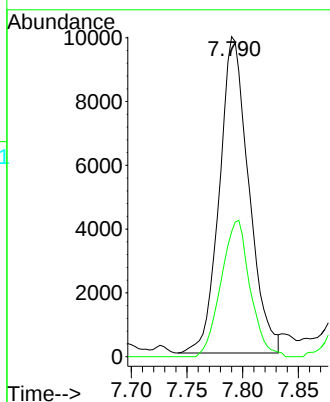
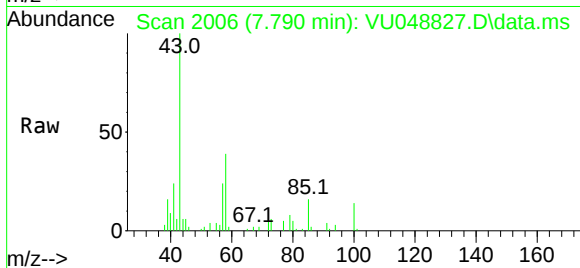
40031

Tgt Ion: 43 Resp: 18192

Ion Ratio Lower Upper

43 100

58 42.5 32.7 49.1



#52

Toluene

Concen: 133.713 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048827.D

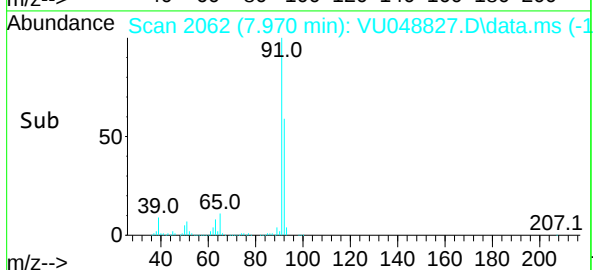
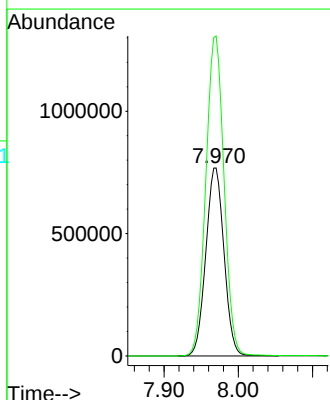
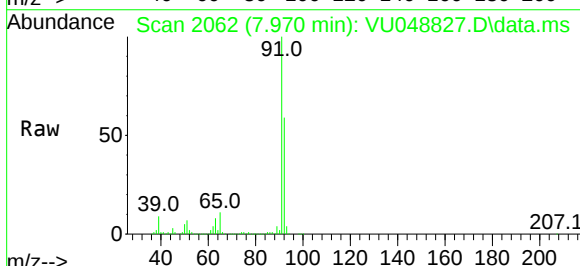
Acq: 03 Jun 2022 01:17

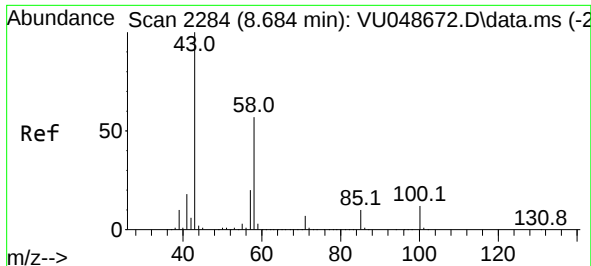
Tgt Ion: 92 Resp: 1305891

Ion Ratio Lower Upper

92 100

91 170.5 135.0 202.4





#59

2-Hexanone

Concen: 2.425 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048827.D

Acq: 03 Jun 2022 01:17

Instrument :

MSVOA_U

ClientSampleId :

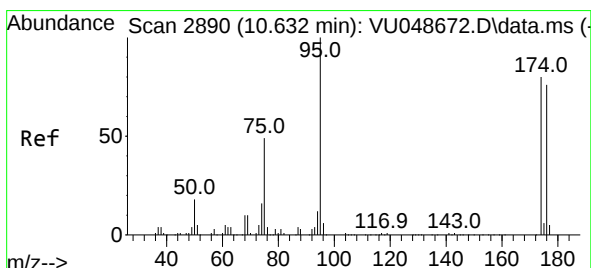
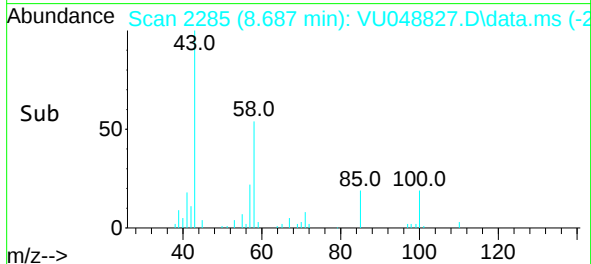
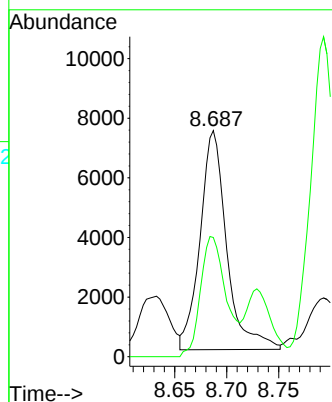
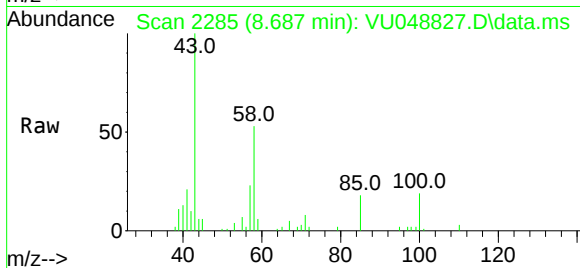
40031

Tgt Ion: 43 Resp: 13116

Ion Ratio Lower Upper

43 100

58 52.8 28.2 84.6



#62

4-Bromofluorobenzene

Concen: 46.843 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. 0.000 min

Lab File: VU048827.D

Acq: 03 Jun 2022 01:17

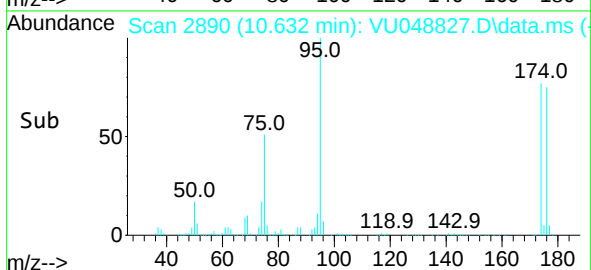
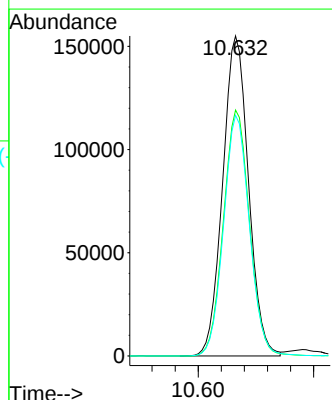
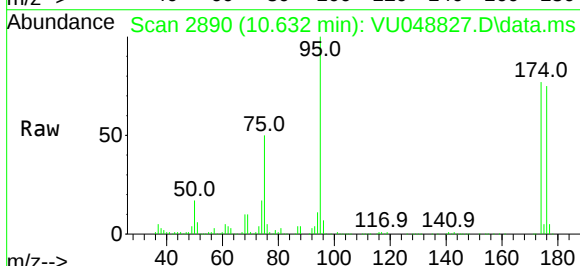
Tgt Ion: 95 Resp: 240642

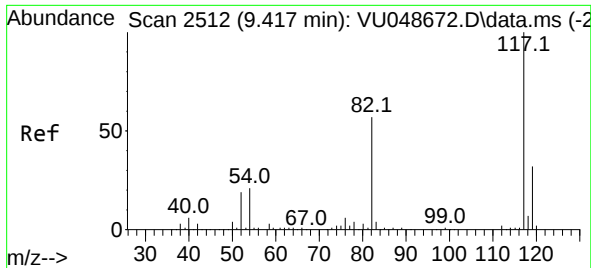
Ion Ratio Lower Upper

95 100

174 77.7 0.0 159.4

176 75.3 0.0 152.4

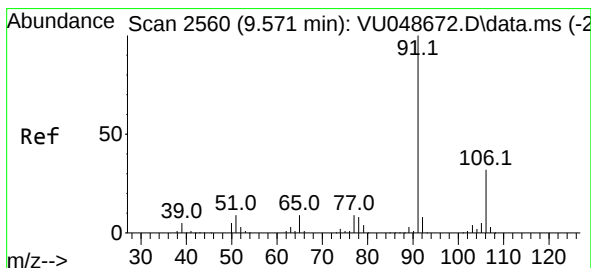
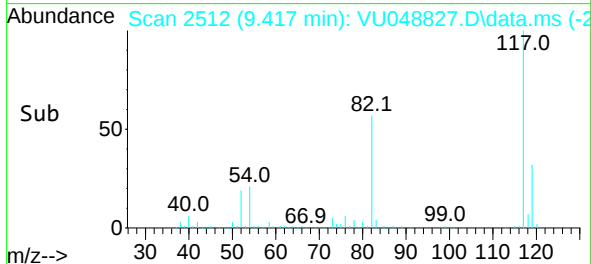
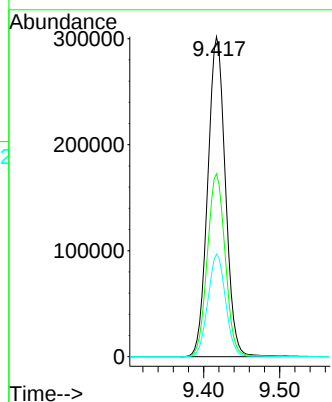
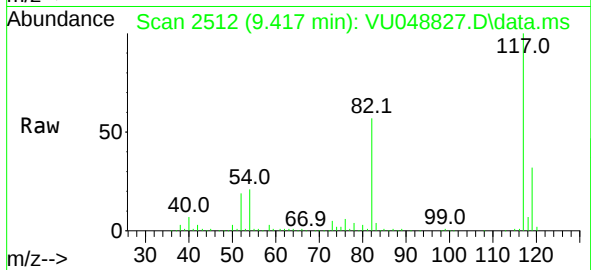




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

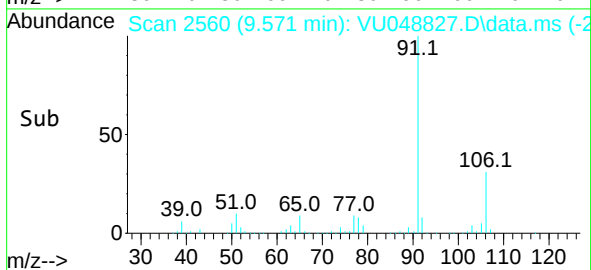
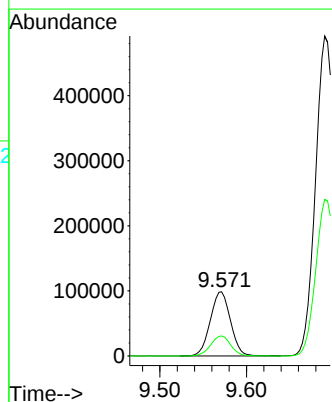
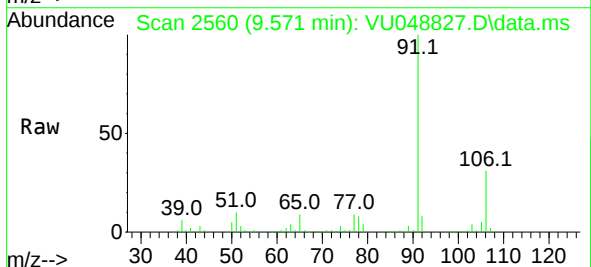
Instrument :
MSVOA_U
ClientSampleId :
40031

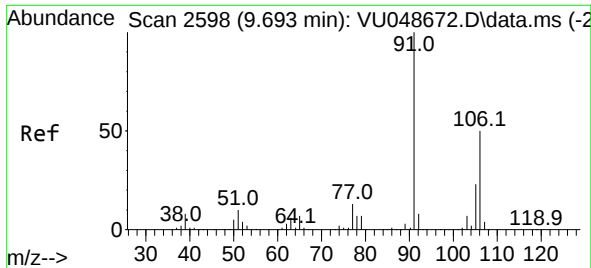
Tgt Ion:117 Resp: 487458
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 32.0 25.4 38.2



#67
Ethyl Benzene
Concen: 9.201 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

Tgt Ion: 91 Resp: 159983
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.2

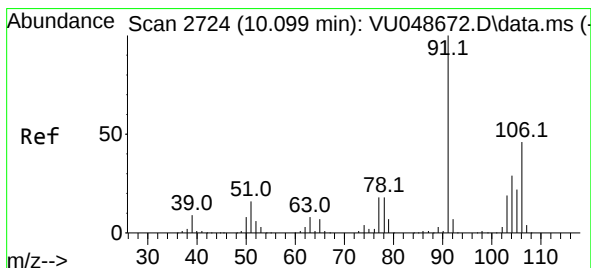
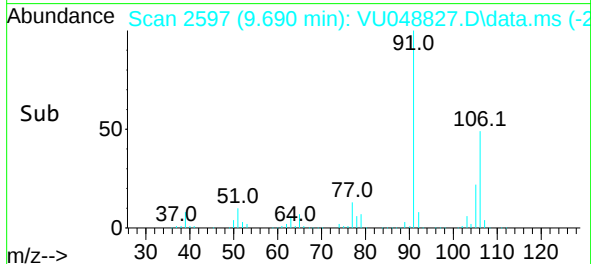
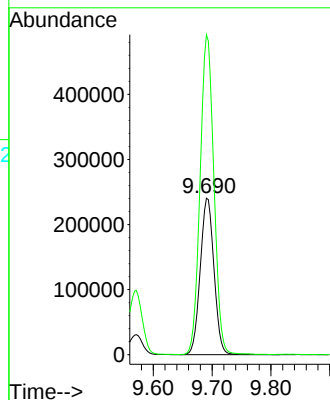
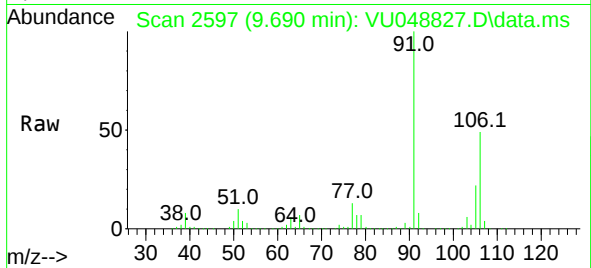




#68
m/p-Xylenes
Concen: 57.384 ug/l
RT: 9.690 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

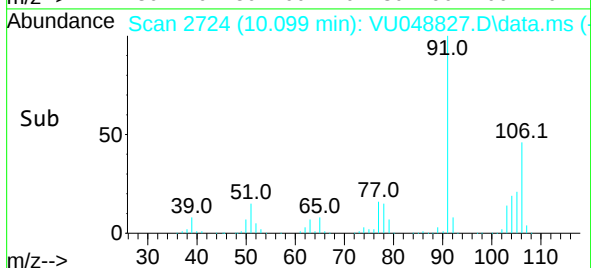
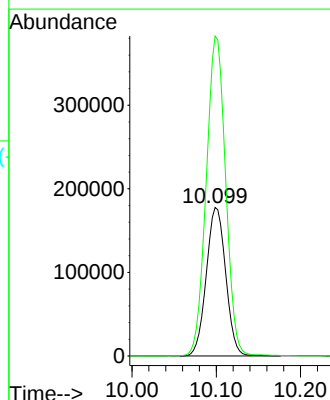
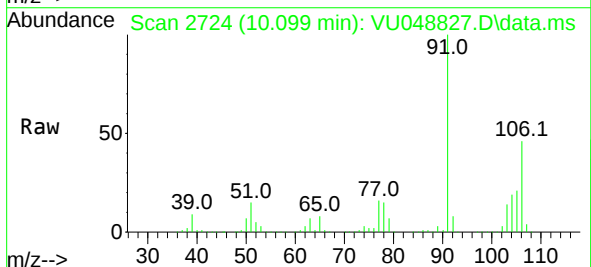
Instrument :
MSVOA_U
ClientSampleId :
40031

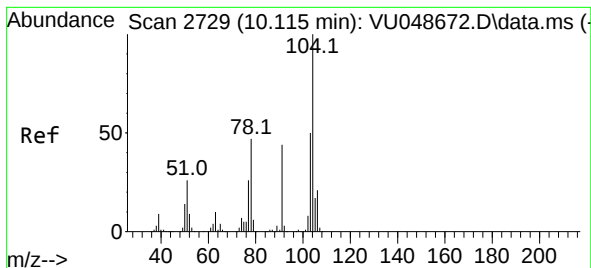
Tgt Ion:106 Resp: 390257
Ion Ratio Lower Upper
106 100
91 204.4 162.4 243.6



#69
o-Xylene
Concen: 42.642 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU048827.D
Acq: 03 Jun 2022 01:17

Tgt Ion:106 Resp: 284912
Ion Ratio Lower Upper
106 100
91 216.2 107.7 323.3





#70

Styrene

Concen: 29.216 ug/l

RT: 10.115 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048827.D

Acq: 03 Jun 2022 01:17

Instrument :

MSVOA_U

ClientSampleId :

40031

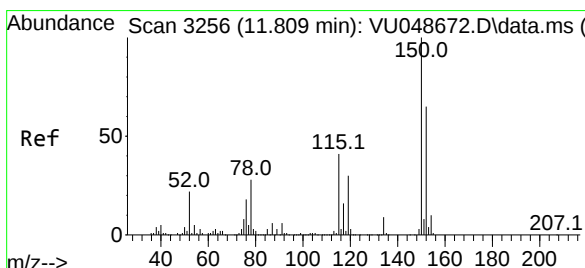
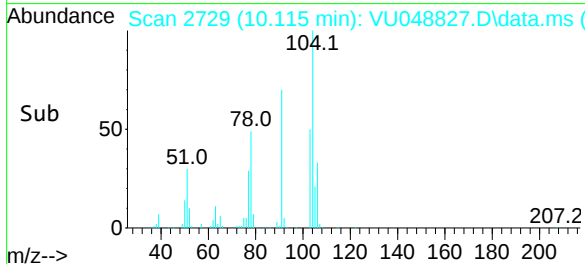
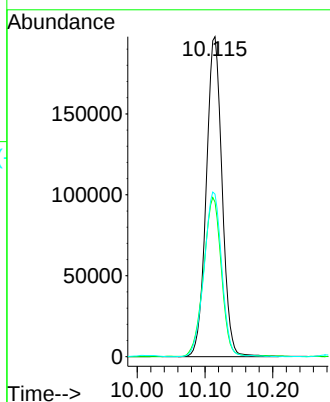
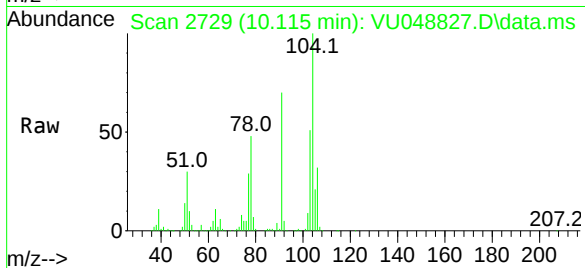
Tgt Ion:104 Resp: 321082

Ion Ratio Lower Upper

104 100

78 55.3 41.2 61.8

103 57.2 43.4 65.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048827.D

Acq: 03 Jun 2022 01:17

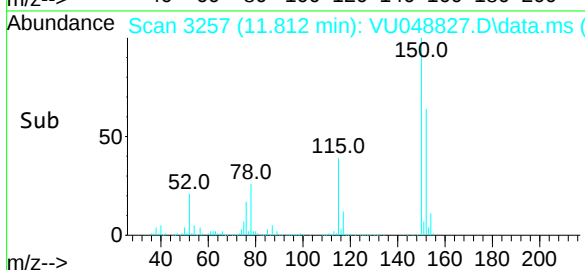
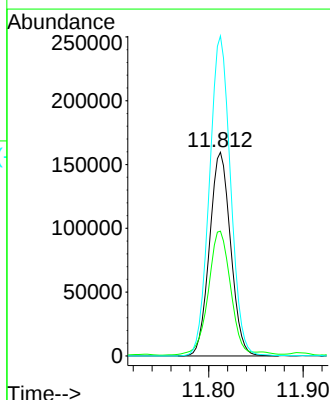
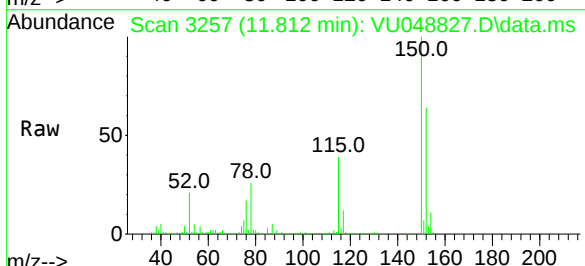
Tgt Ion:152 Resp: 247439

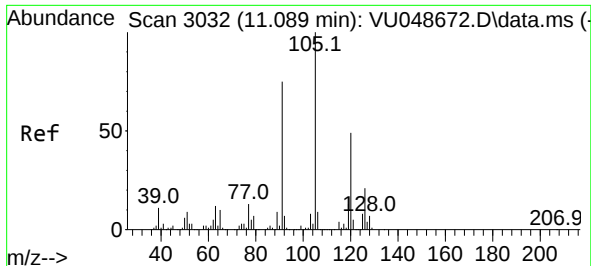
Ion Ratio Lower Upper

152 100

115 64.2 41.8 125.4

150 157.6 0.0 341.0

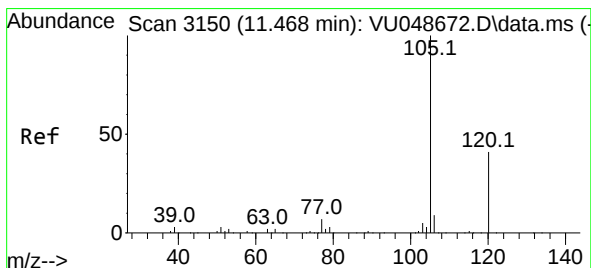
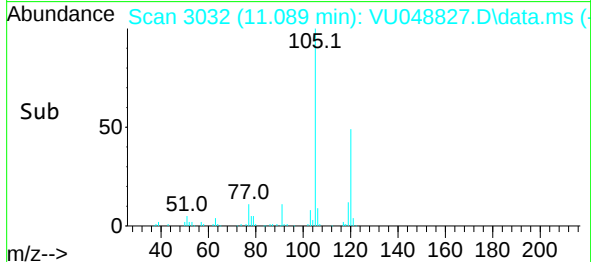
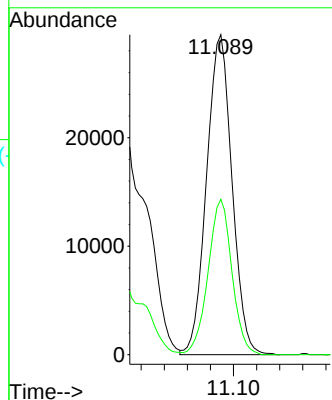
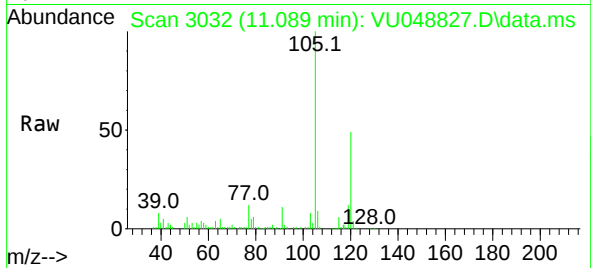




#80
 1,3,5-Trimethylbenzene
 Concen: 3.249 ug/l
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU048827.D
 Acq: 03 Jun 2022 01:17

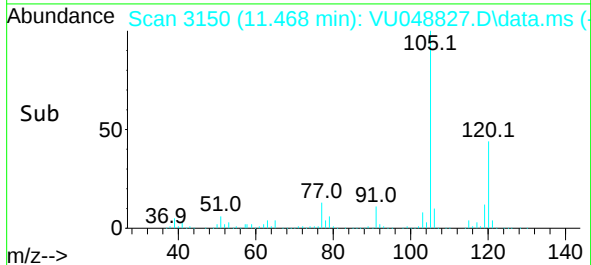
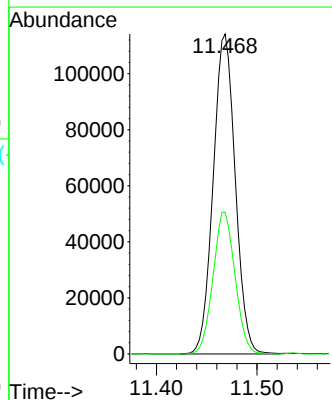
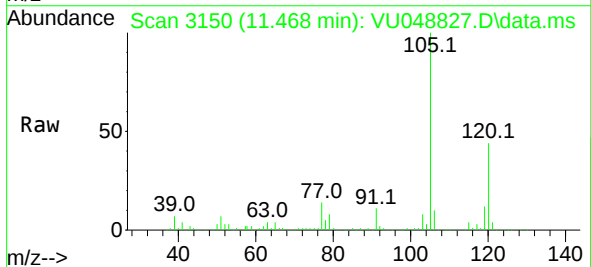
Instrument :
 MSVOA_U
 ClientSampleId :
 40031

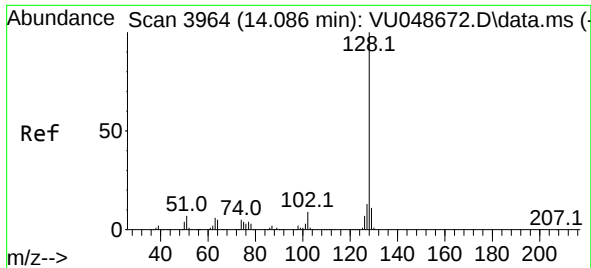
Tgt Ion:105 Resp: 45133
 Ion Ratio Lower Upper
 105 100
 120 45.5 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 12.536 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048827.D
 Acq: 03 Jun 2022 01:17

Tgt Ion:105 Resp: 174052
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.5 67.5





#95

Naphthalene

Concen: 282.827 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU048827.D

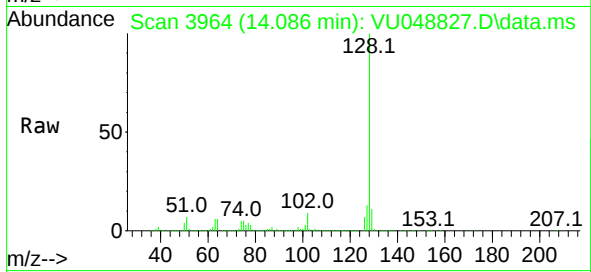
Acq: 03 Jun 2022 01:17

Instrument :

MSVOA_U

ClientSampleId :

40031



Tgt Ion:128 Resp: 5750518

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.7 13.1

