

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048727.D
 Acq On : 28 May 2022 05:32
 Operator : SY/MD
 Sample : N3056-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: May 30 03:02:26 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	5.375	168	228760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	376970	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	397264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	222338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	166772	48.543	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.080%
35) Dibromofluoromethane	5.292	113	150244	55.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.740%
50) Toluene-d8	7.899	98	465241	48.259	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	10.632	95	215292	59.050	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.546	50	929	0.276	ug/l #	43
5) Bromomethane	1.806	94	21	Below Cal	#	3
6) Chloroethane	1.925	64	1396	Below Cal	#	51
11) Tert butyl alcohol	3.179	59	421	0.483	ug/l #	28
13) Acrolein	2.478	56	636	Below Cal	#	77
16) Acetone	2.626	43	4223	2.412	ug/l	97
17) Carbon Disulfide	2.800	76	3371	0.496	ug/l	98
31) Cyclohexane	5.375	56	7674	1.772	ug/l #	9
36) 1,1-Dichloropropene	5.375	75	18369	4.680	ug/l #	50
38) Carbon Tetrachloride	5.372	117	23255	5.164	ug/l #	18
39) Methylcyclohexane	6.764	83	150228	36.502	ug/l	98
40) Benzene	5.774	78	40377	3.484	ug/l	96
44) Trichloroethene	6.549	130	818	0.274	ug/l	89
45) 1,2-Dichloropropane	6.761	63	1659	0.569	ug/l #	1
48) Methyl methacrylate	6.983	41	6399	1.979	ug/l #	67
51) 4-Methyl-2-Pentanone	7.857	43	4299	0.919	ug/l #	34
52) Toluene	7.970	92	17293	2.495	ug/l	98
55) 1,1,2-Trichloroethane	8.372	97	23929	7.822	ug/l #	18
56) Ethyl methacrylate	8.369	69	7094	4.004	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.504	63	70	29.814	ug/l #	47
67) Ethyl Benzene	9.571	91	4447409	313.836	ug/l	98
68) m/p-Xylenes	9.697	106	188346	33.982	ug/l	98
69) o-Xylene	10.102	106	187394	34.414	ug/l	99
70) Styrene	10.102	104	13778	1.538	ug/l #	1
73) Isopropylbenzene	10.484	105	1581144	110.153	ug/l	99
74) N-amyl acetate	10.362	43	2549	2.800	ug/l #	1
76) 1,2,3-Trichloropropane	10.905	75	12012	1.676	ug/l #	1
78) n-propylbenzene	10.905	91	1943811	113.646	ug/l	99
79) 2-Chlorotoluene	11.024	91	110548	10.393	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.089	105	841641	67.425	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.484	75	18113	9.174	ug/l #	56
82) 4-Chlorotoluene	11.089	91	90495	7.374	ug/l #	46
83) tert-Butylbenzene	11.468	119	691400	57.711	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.468	105	5880630	427.937	ug/l	99
85) sec-Butylbenzene	11.468	105	5880630	392.356	ug/l #	58
86) p-Isopropyltoluene	11.745	119	424071	32.948	ug/l	98

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QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

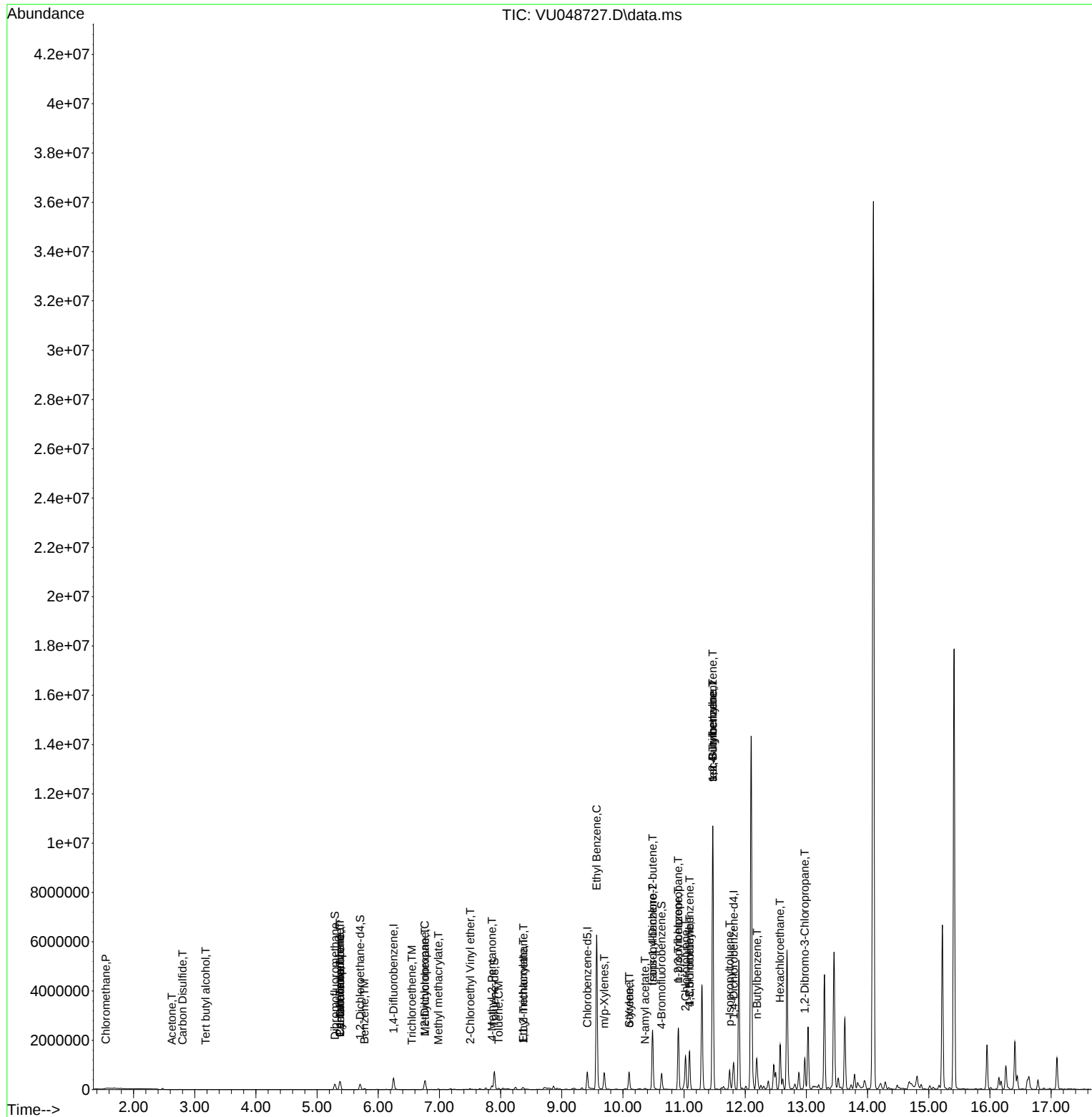
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.195	91	233374	19.508	ug/l #	25
90) Hexachloroethane	12.568	117	127458	48.522	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.973	75	5211	3.090	ug/l #	4

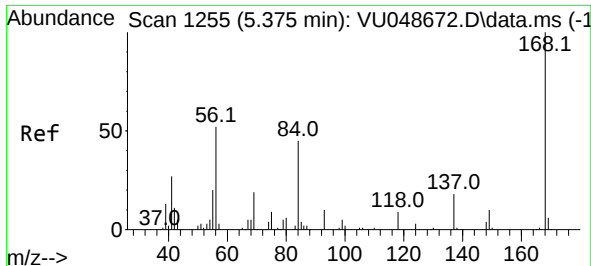
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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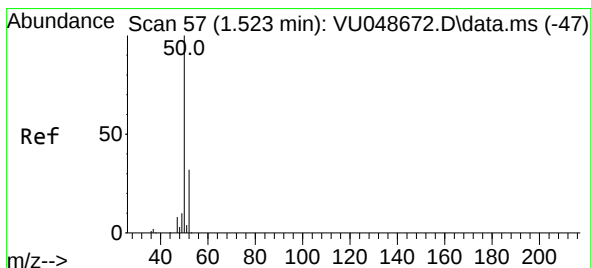
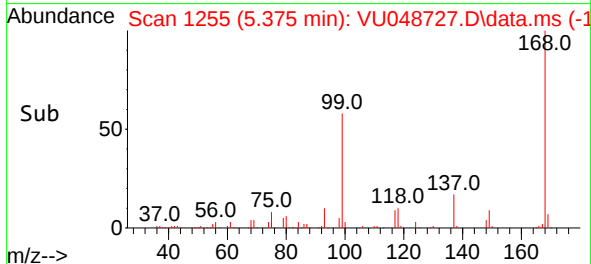
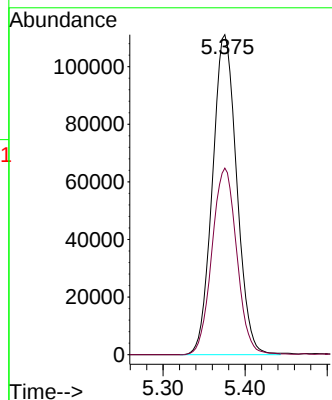
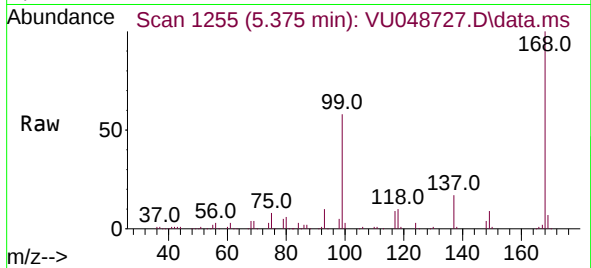




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

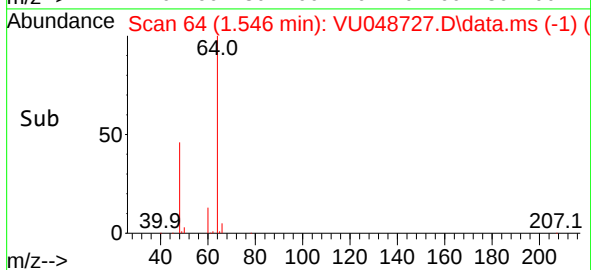
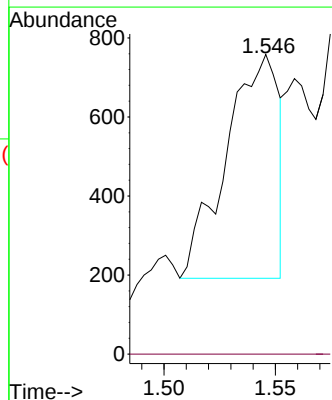
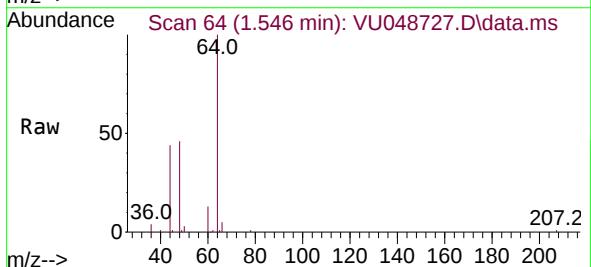
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

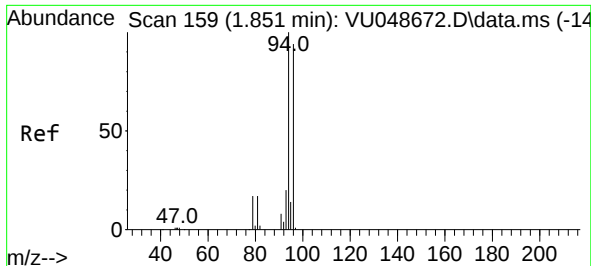
Tgt Ion:168 Resp: 228760
Ion Ratio Lower Upper
168 100
99 58.3 49.3 73.9



#3
Chloromethane
Concen: 0.276 ug/l
RT: 1.546 min Scan# 64
Delta R.T. 0.022 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion: 50 Resp: 929
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

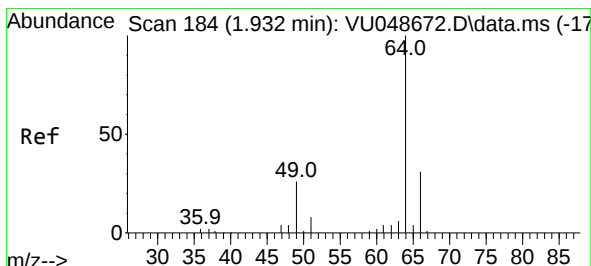
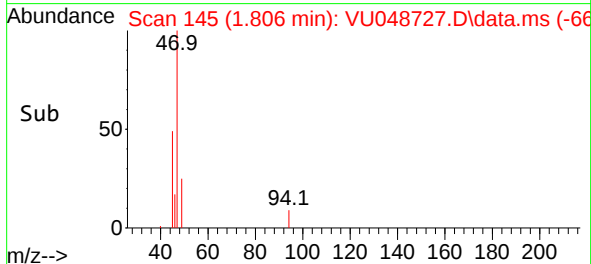
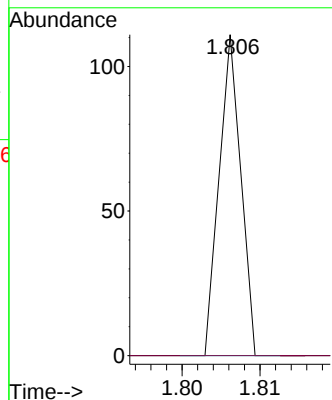
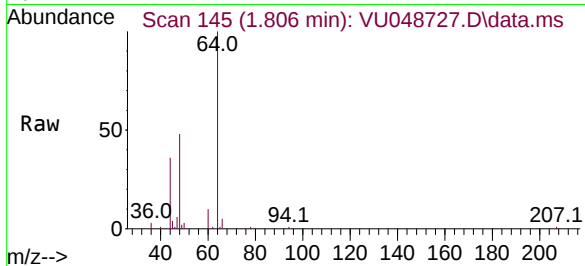




#5
Bromomethane
Concen: Below Cal
RT: 1.806 min Scan# 14
Delta R.T. -0.045 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

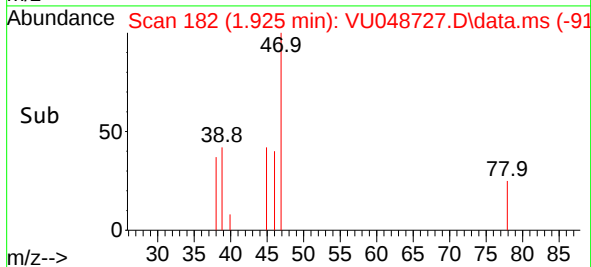
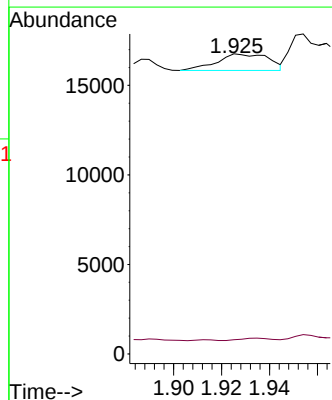
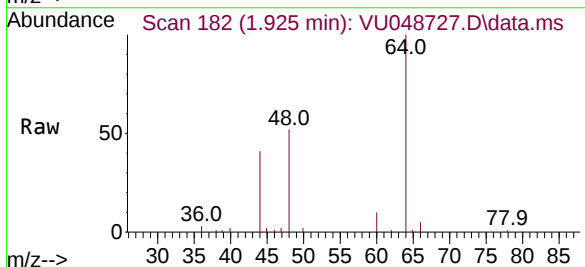
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

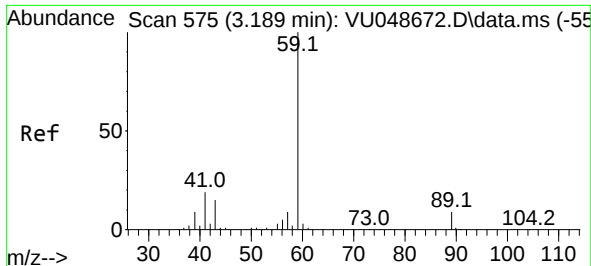
Tgt Ion: 94 Resp: 21
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.925 min Scan# 182
Delta R.T. -0.007 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion: 64 Resp: 1396
Ion Ratio Lower Upper
64 100
66 4.3 25.2 37.8#

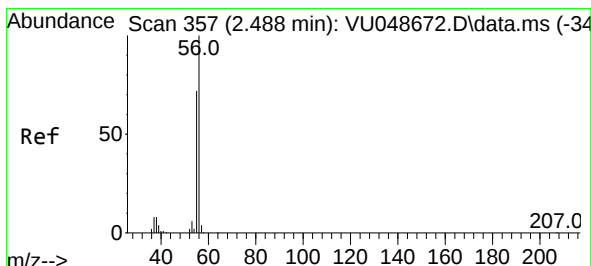
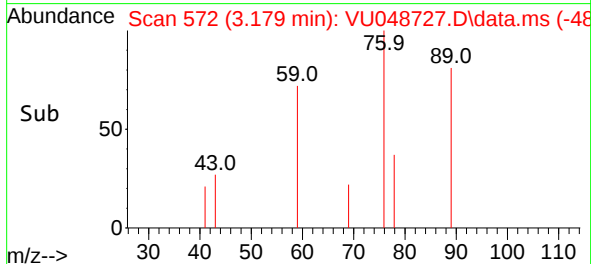
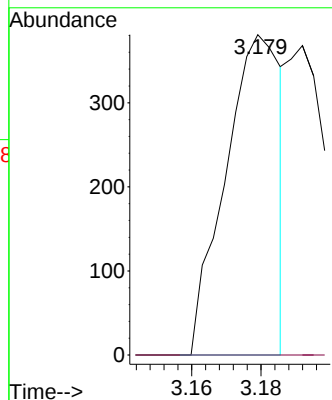
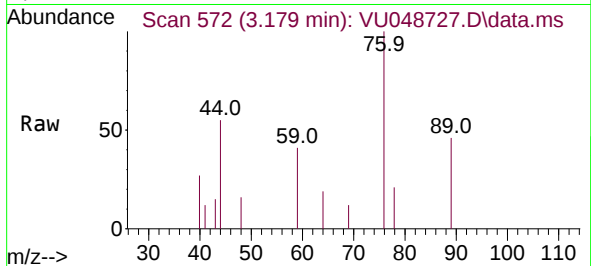




#11
Tert butyl alcohol
Concen: 0.483 ug/l
RT: 3.179 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

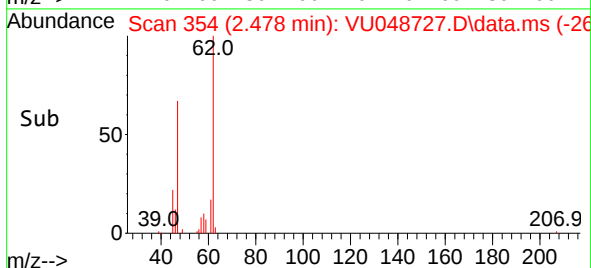
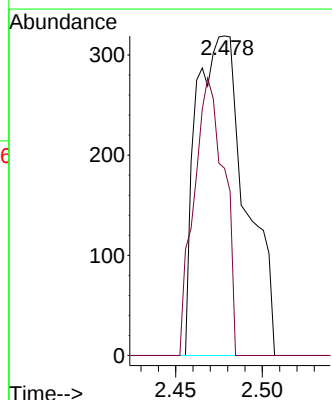
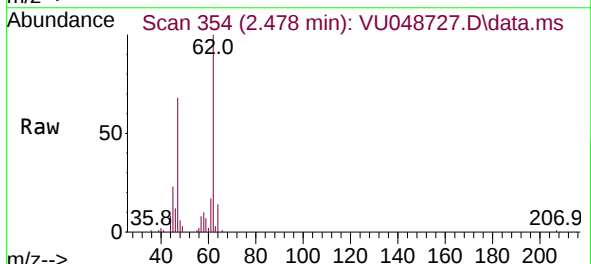
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

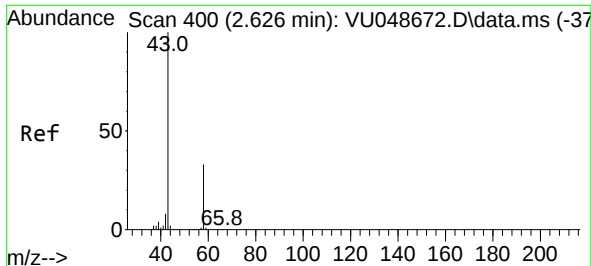
Tgt Ion: 59 Resp: 421
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#



#13
Acrolein
Concen: Below Cal
RT: 2.478 min Scan# 354
Delta R.T. -0.010 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion: 56 Resp: 636
Ion Ratio Lower Upper
56 100
55 52.7 57.7 86.5#





#16

Acetone

Concen: 2.412 ug/l

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU048727.D

Acq: 28 May 2022 05:32

Instrument :

MSVOA_U

ClientSampleId :

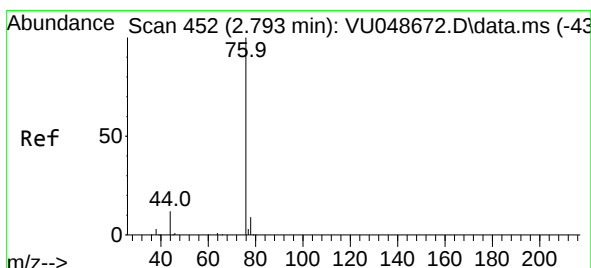
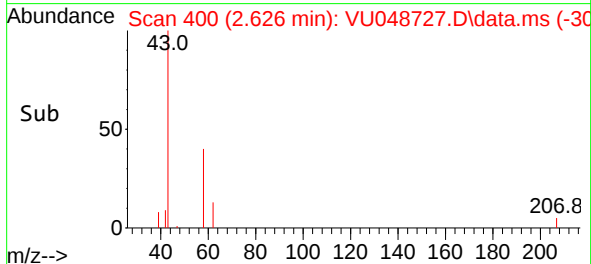
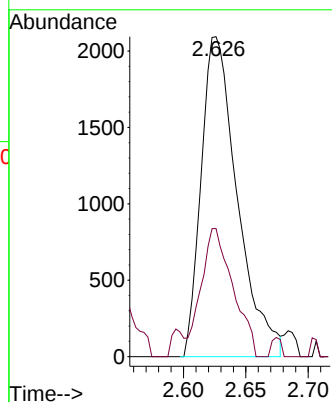
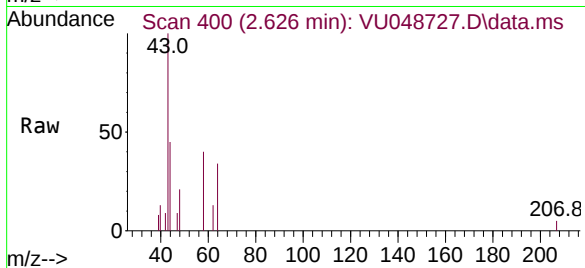
VIBLK

Tgt Ion: 43 Resp: 4223

Ion Ratio Lower Upper

43 100

58 34.7 26.3 39.5



#17

Carbon Disulfide

Concen: 0.496 ug/l

RT: 2.800 min Scan# 454

Delta R.T. 0.006 min

Lab File: VU048727.D

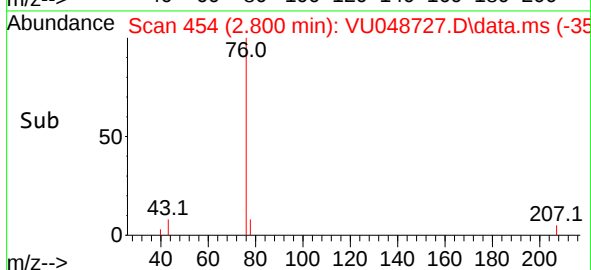
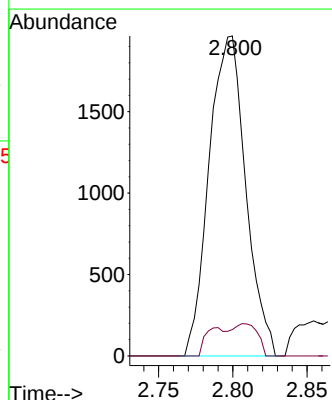
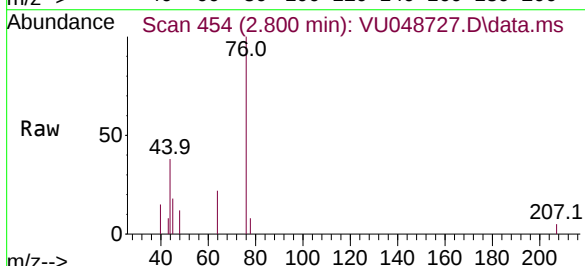
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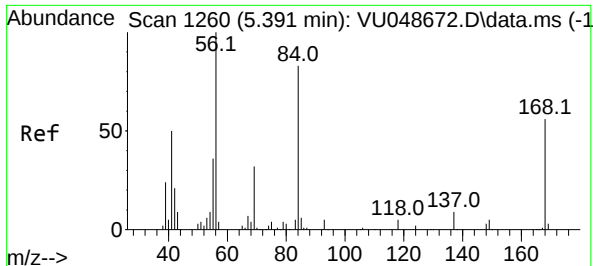
Tgt Ion: 76 Resp: 3371

Ion Ratio Lower Upper

76 100

78 8.2 7.3 10.9





#31

Cyclohexane

Concen: 1.772 ug/l

RT: 5.375 min Scan# 1

Delta R.T. -0.016 min

Lab File: VU048727.D

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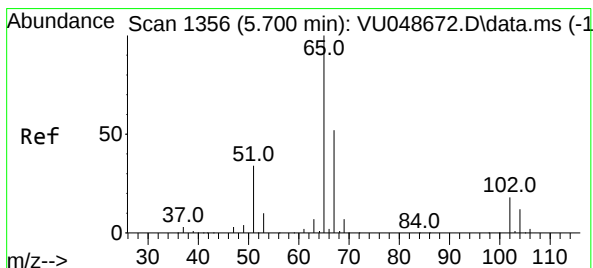
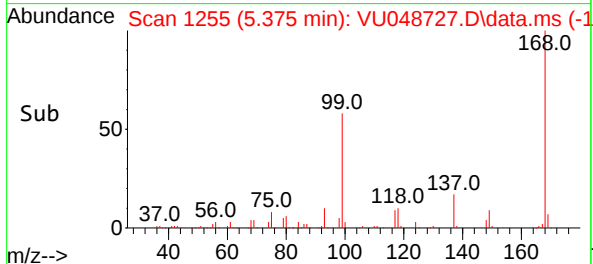
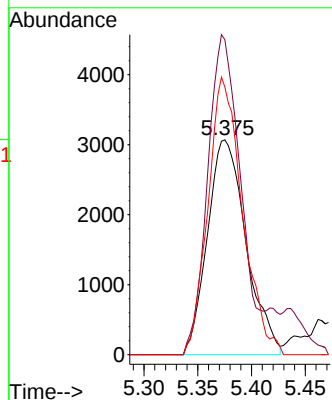
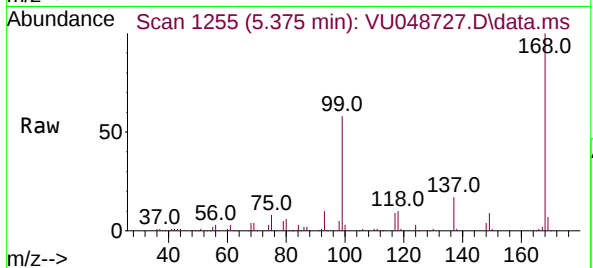
Tgt Ion: 56 Resp: 7674

Ion Ratio Lower Upper

56 100

69 146.6 25.6 38.4#

84 124.6 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 48.543 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048727.D

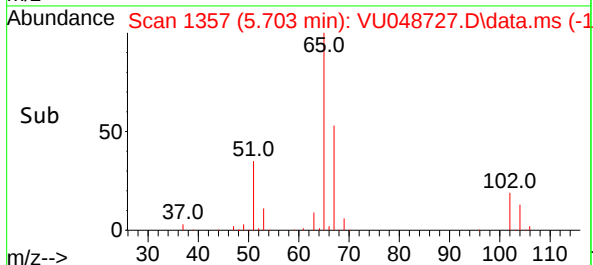
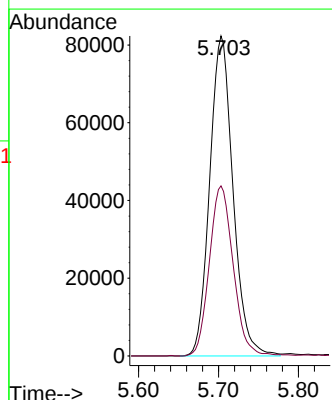
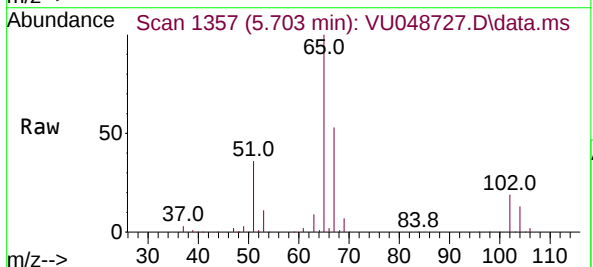
Acq: 28 May 2022 05:32

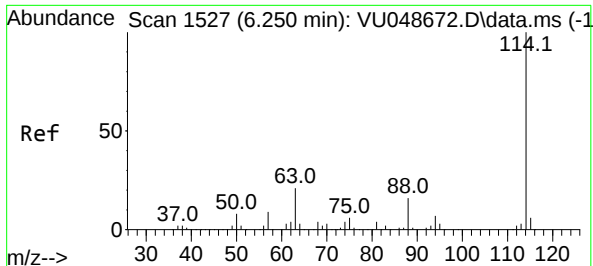
Tgt Ion: 65 Resp: 166772

Ion Ratio Lower Upper

65 100

67 54.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1

Delta R.T. -0.000 min

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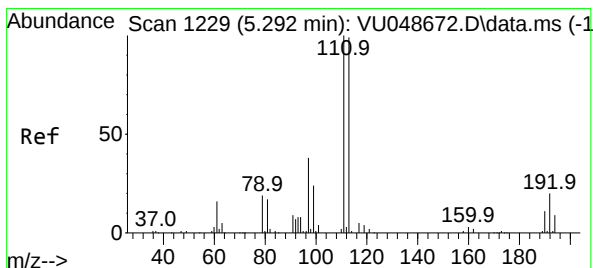
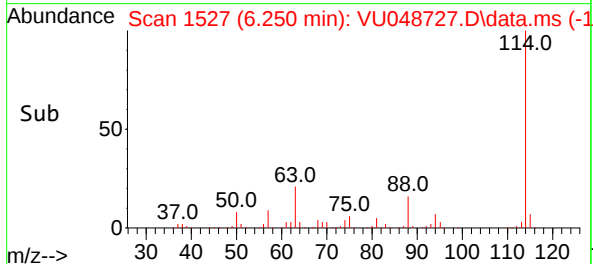
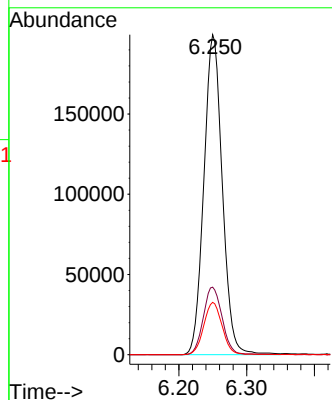
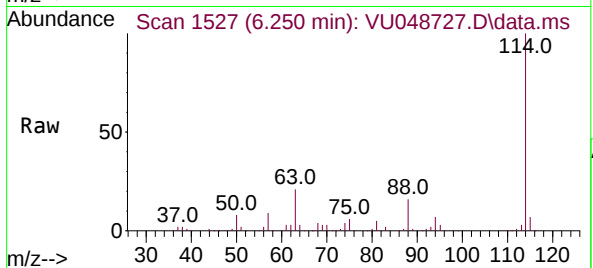
Tgt Ion:114 Resp: 376970

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

88 16.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.865 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU048727.D

Acq: 28 May 2022 05:32

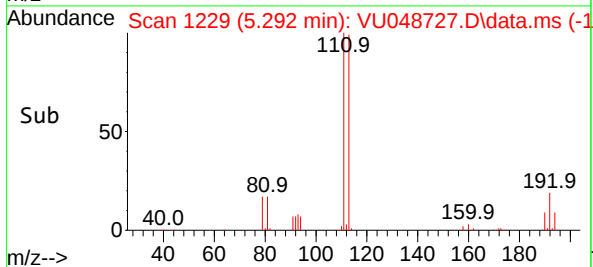
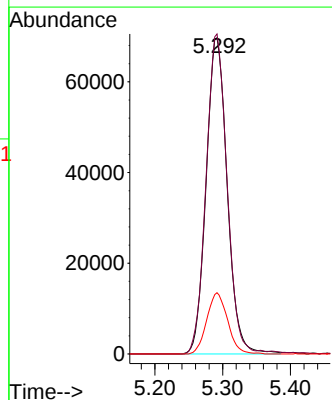
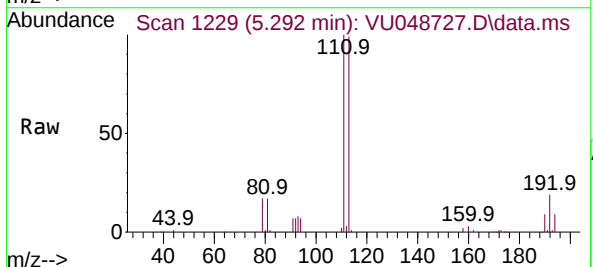
Tgt Ion:113 Resp: 150244

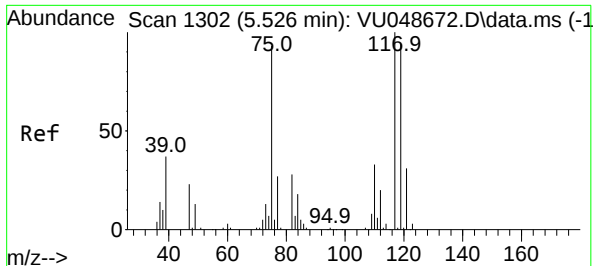
Ion Ratio Lower Upper

113 100

111 100.2 80.7 121.1

192 19.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.680 ug/l

RT: 5.375 min Scan# 1

Delta R.T. -0.151 min

Lab File: VU048727.D

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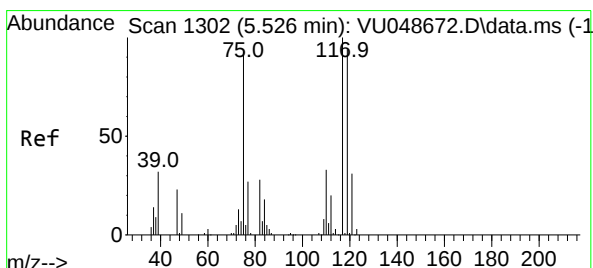
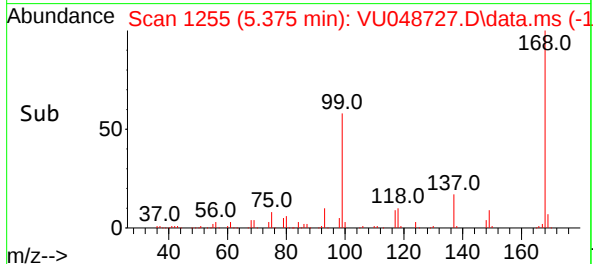
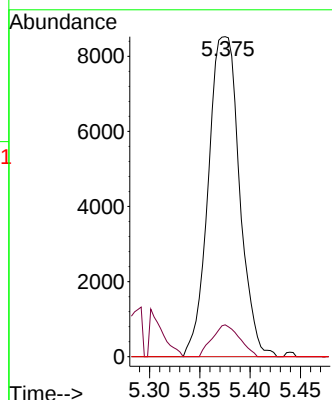
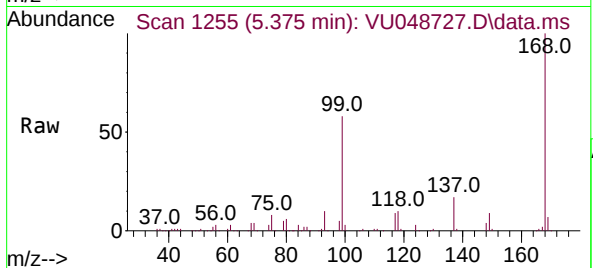
Tgt Ion: 75 Resp: 18369

Ion Ratio Lower Upper

75 100

110 8.7 17.4 52.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.164 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.154 min

Lab File: VU048727.D

Acq: 28 May 2022 05:32

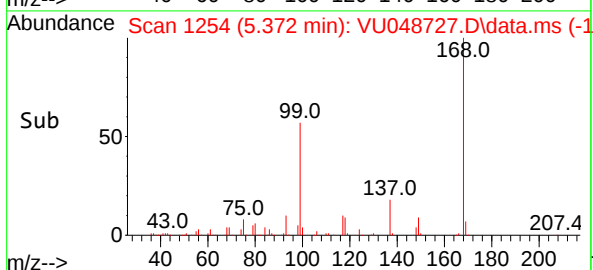
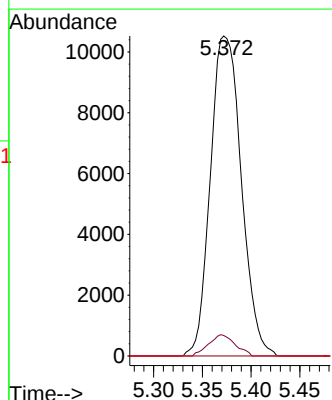
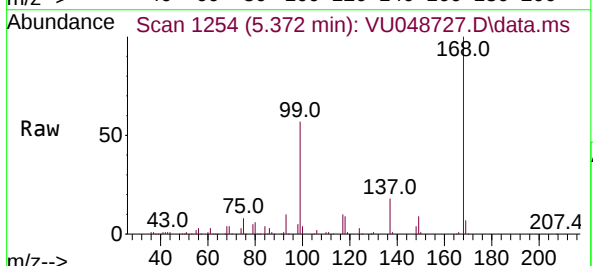
Tgt Ion: 117 Resp: 23255

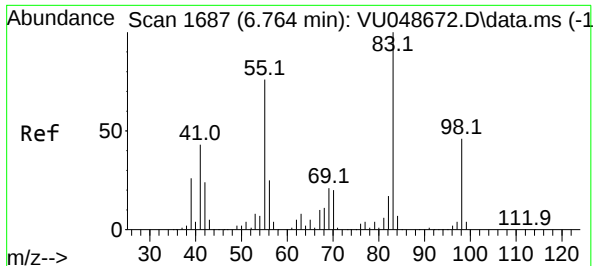
Ion Ratio Lower Upper

117 100

119 6.4 75.4 113.2#

121 0.0 24.6 36.8#





#39

Methylcyclohexane

Concen: 36.502 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048727.D

Acq: 28 May 2022 05:32

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

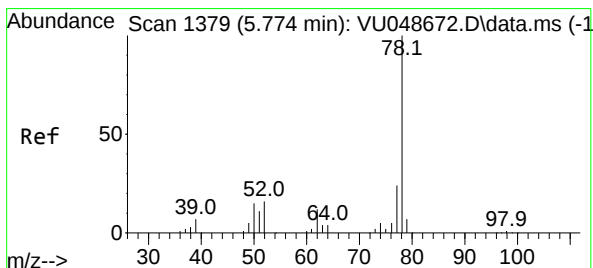
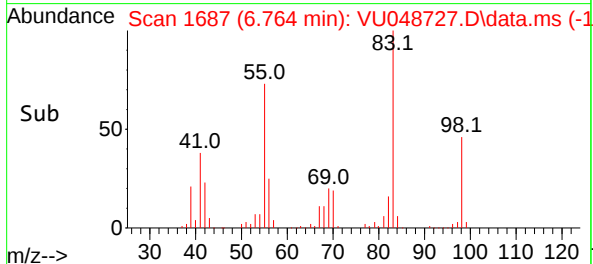
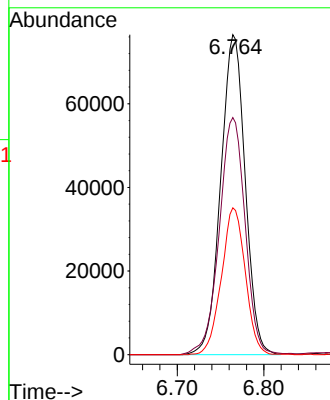
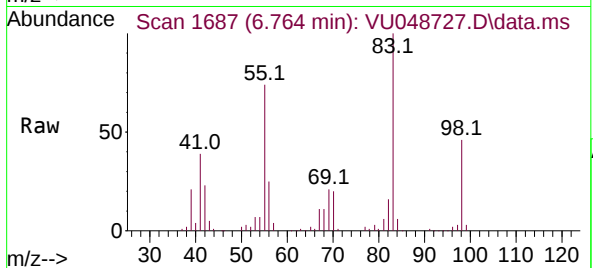
Tgt Ion: 83 Resp: 150228

Ion Ratio Lower Upper

83 100

55 74.1 61.0 91.6

98 45.9 36.8 55.2



#40

Benzene

Concen: 3.484 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048727.D

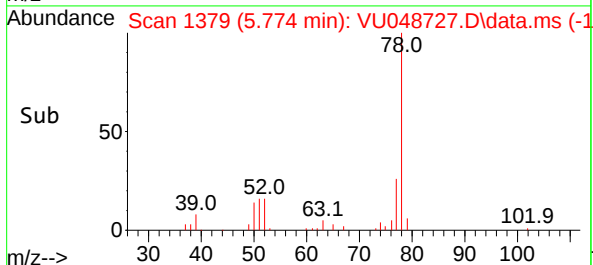
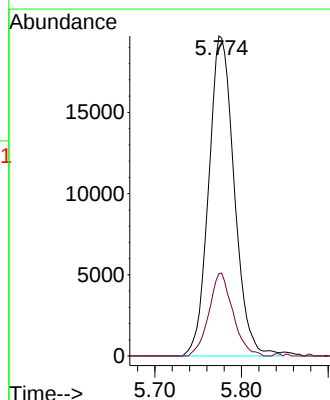
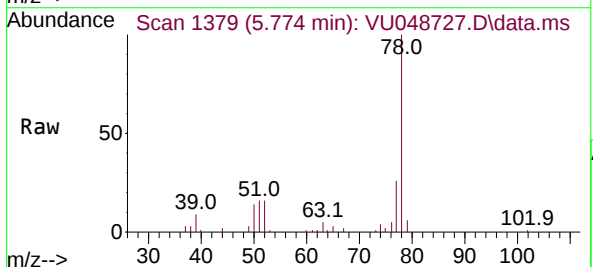
Acq: 28 May 2022 05:32

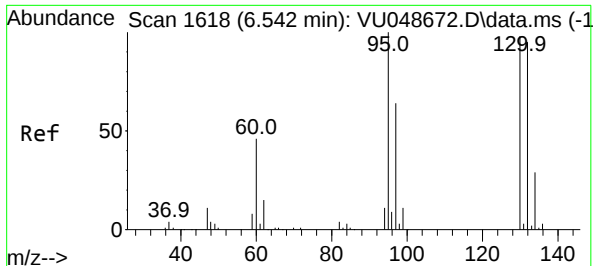
Tgt Ion: 78 Resp: 40377

Ion Ratio Lower Upper

78 100

77 25.7 19.0 28.6

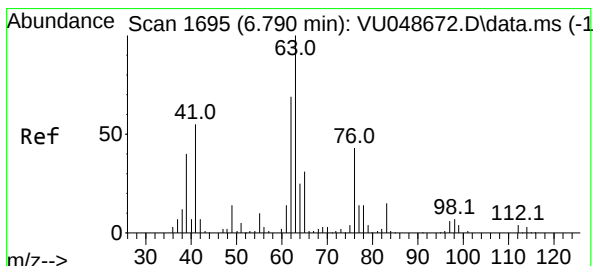
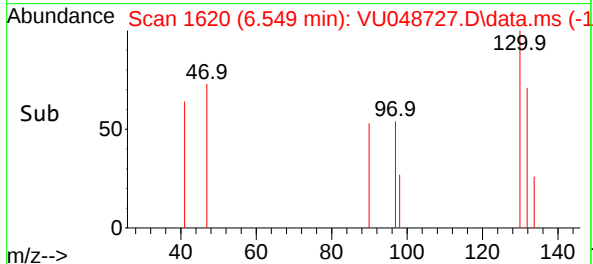
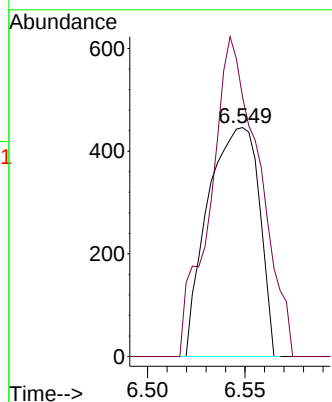
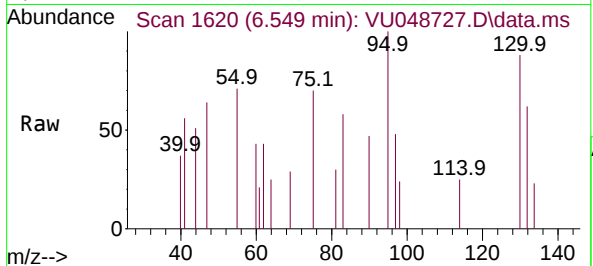




#44
Trichloroethene
Concen: 0.274 ug/l
RT: 6.549 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

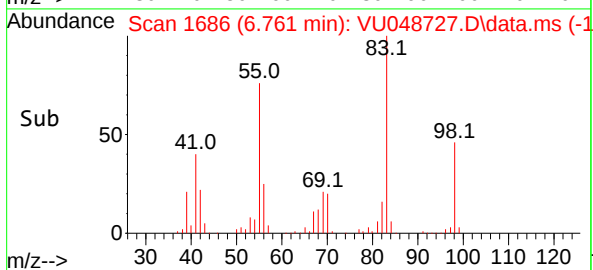
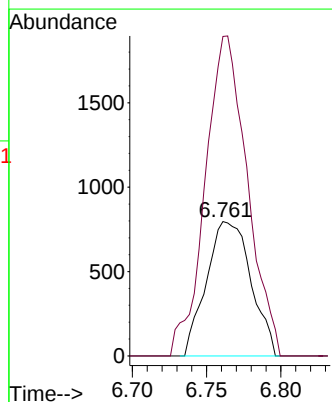
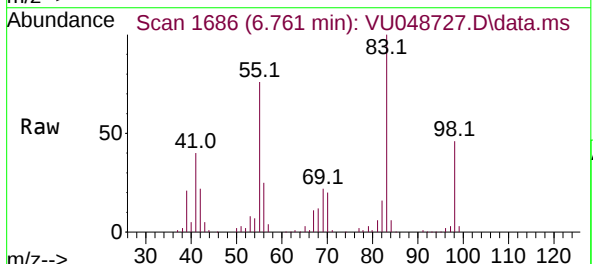
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

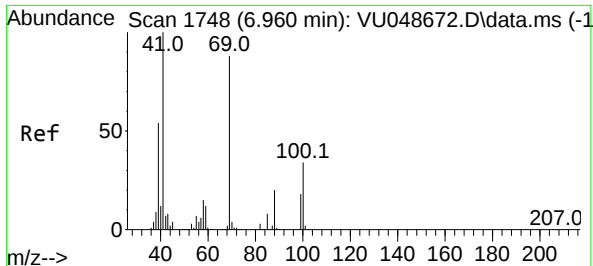
Tgt Ion:130 Resp: 818
Ion Ratio Lower Upper
130 100
95 113.2 0.0 204.8



#45
1,2-Dichloropropane
Concen: 0.569 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.029 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion: 63 Resp: 1659
Ion Ratio Lower Upper
63 100
65 237.8 24.8 37.2#

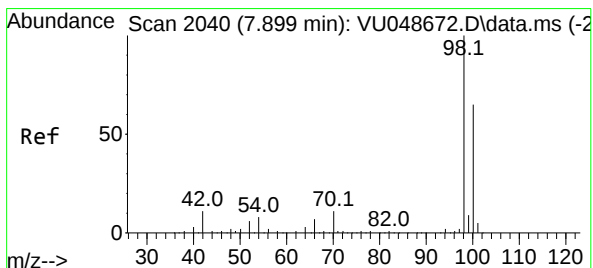
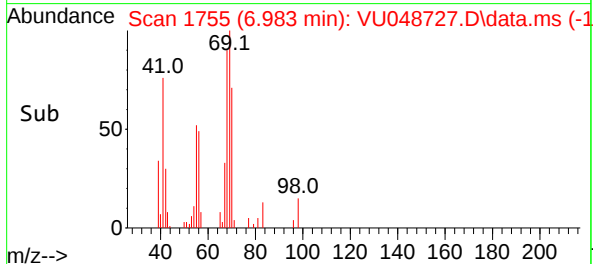
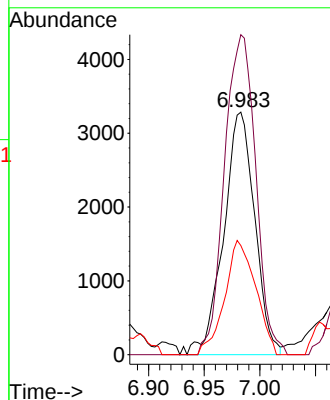
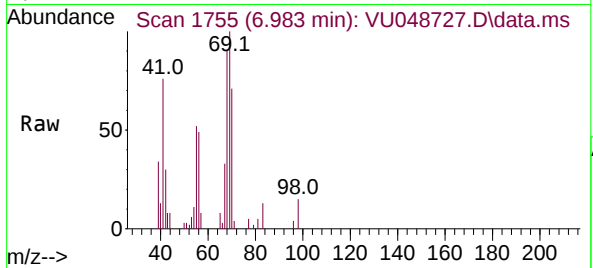




#48
Methyl methacrylate
Concen: 1.979 ug/l
RT: 6.983 min Scan# 1755
Delta R.T. 0.022 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

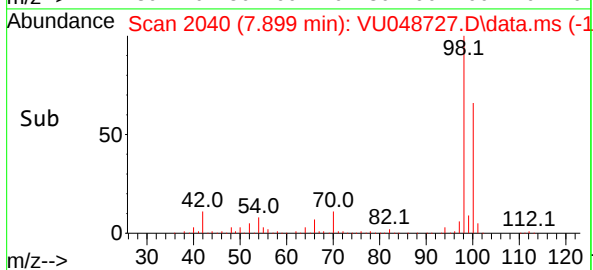
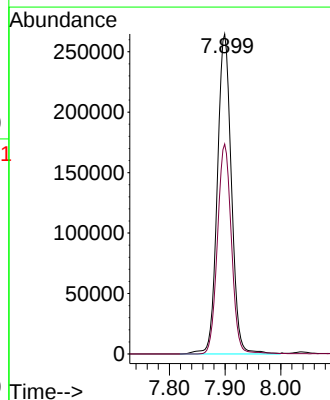
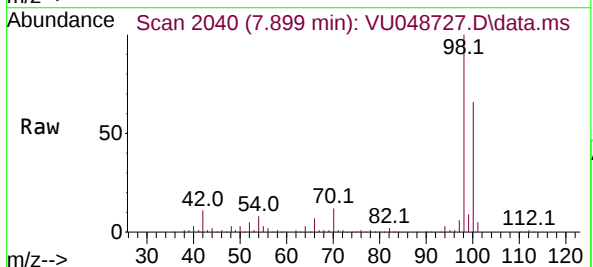
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

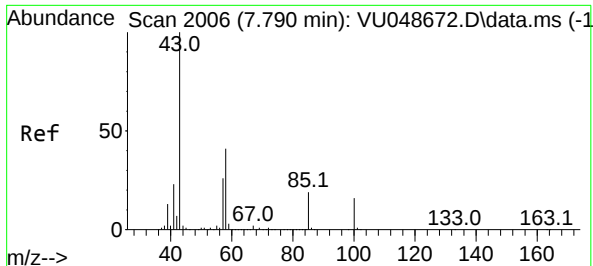
Tgt Ion: 41 Resp: 6399
Ion Ratio Lower Upper
41 100
69 132.6 70.7 106.1#
39 46.8 43.4 65.2



#50
Toluene-d8
Concen: 48.259 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion: 98 Resp: 465241
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

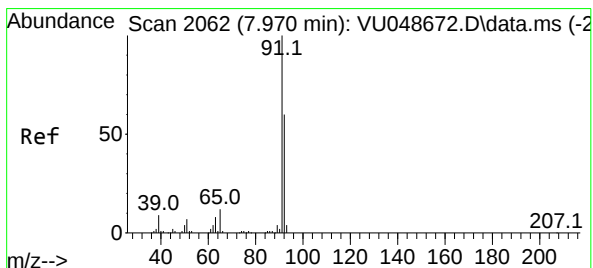
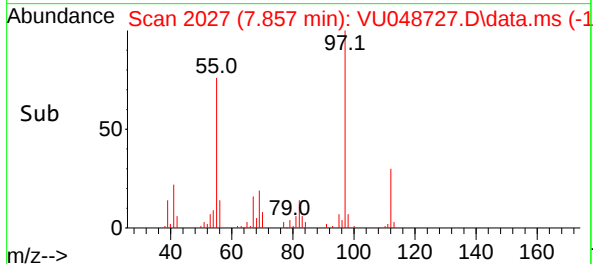
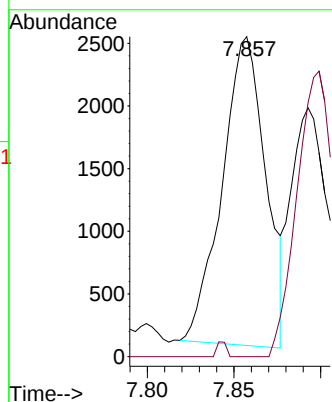
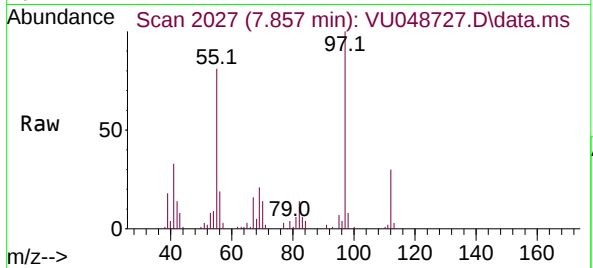




#51
4-Methyl-2-Pentanone
Concen: 0.919 ug/l
RT: 7.857 min Scan# 2006
Delta R.T. 0.067 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

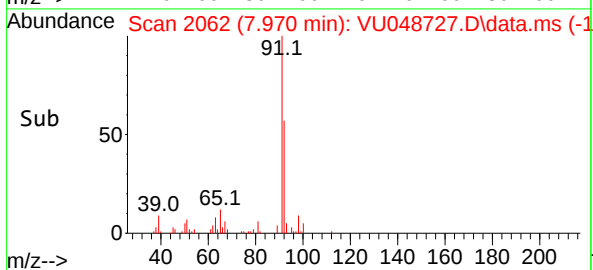
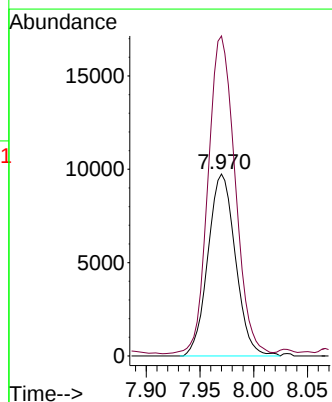
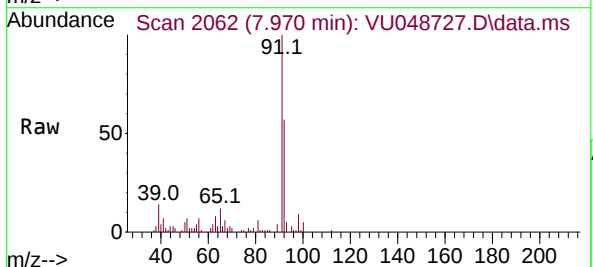
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

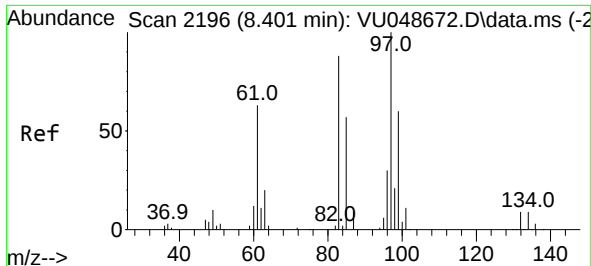
Tgt Ion: 43 Resp: 4299
Ion Ratio Lower Upper
43 100
58 0.0 32.7 49.1#



#52
Toluene
Concen: 2.495 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion: 92 Resp: 17293
Ion Ratio Lower Upper
92 100
91 171.8 135.0 202.4

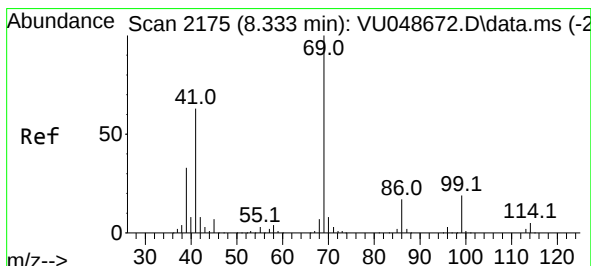
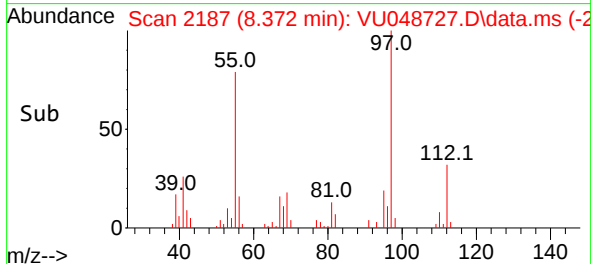
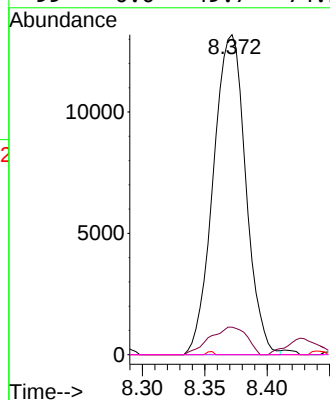
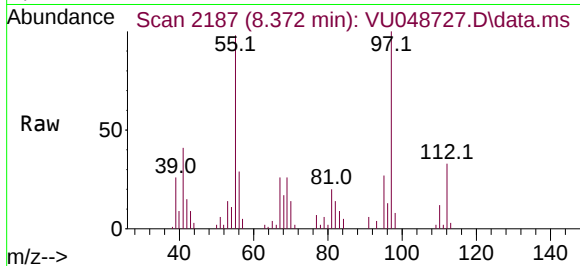




#55
 1,1,2-Trichloroethane
 Concen: 7.822 ug/l
 RT: 8.372 min Scan# 2196
 Delta R.T. -0.029 min
 Lab File: VU048727.D
 Acq: 28 May 2022 05:32

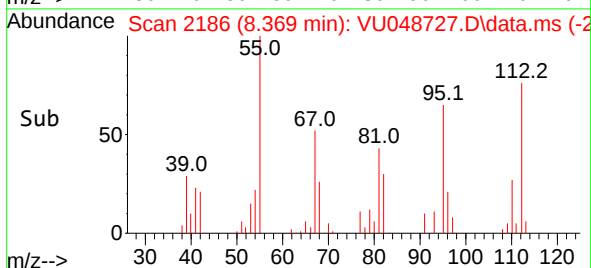
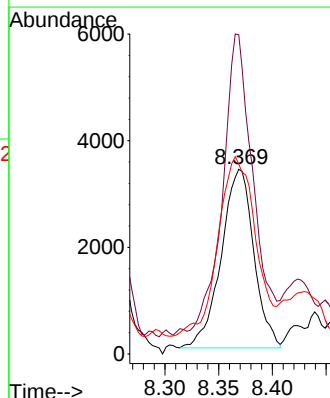
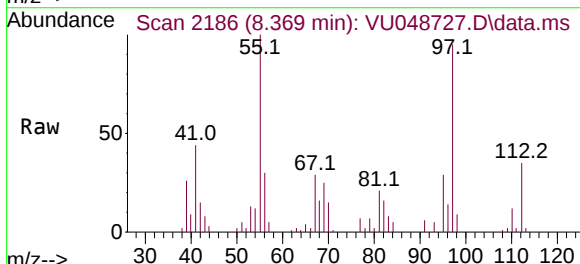
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

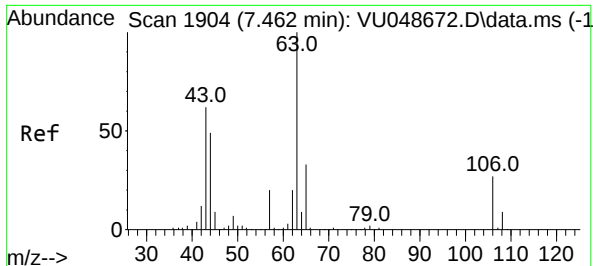
Tgt Ion:	97	Resp:	23929
Ion	Ratio	Lower	Upper
97	100		
83	8.6	70.2	105.4#
85	0.0	45.6	68.4#
99	0.0	49.7	74.5#



#56
 Ethyl methacrylate
 Concen: 4.004 ug/l
 RT: 8.369 min Scan# 2186
 Delta R.T. 0.036 min
 Lab File: VU048727.D
 Acq: 28 May 2022 05:32

Tgt Ion:	69	Resp:	7094
Ion	Ratio	Lower	Upper
69	100		
41	149.7	50.6	76.0#
39	113.9	26.6	40.0#

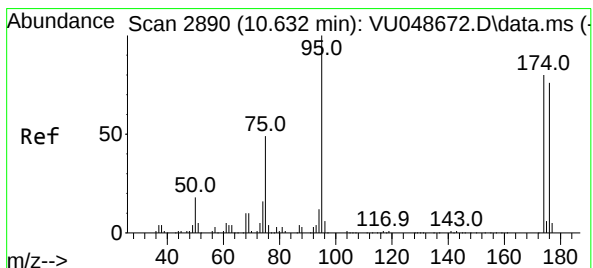
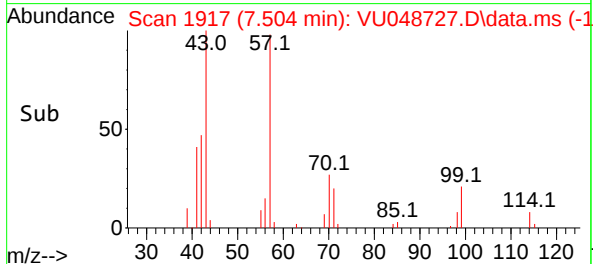
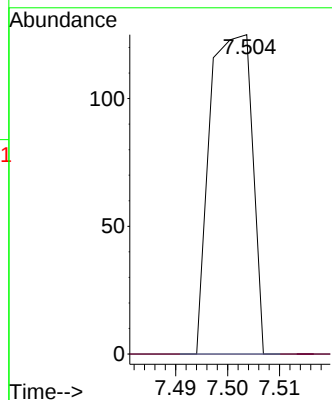
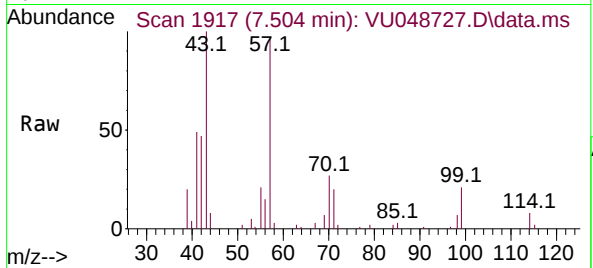




#58
2-Chloroethyl Vinyl ether
Concen: 29.814 ug/l
RT: 7.504 min Scan# 1904
Delta R.T. 0.042 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

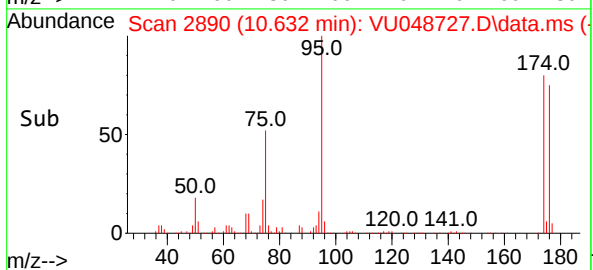
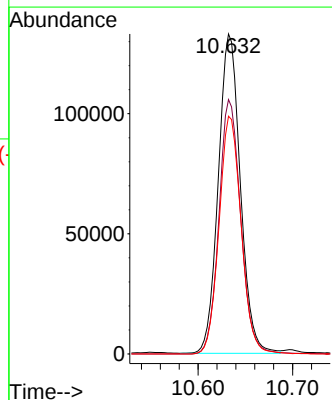
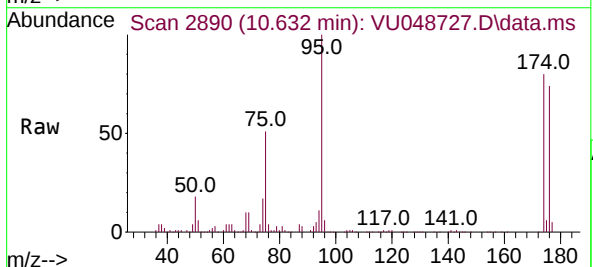
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

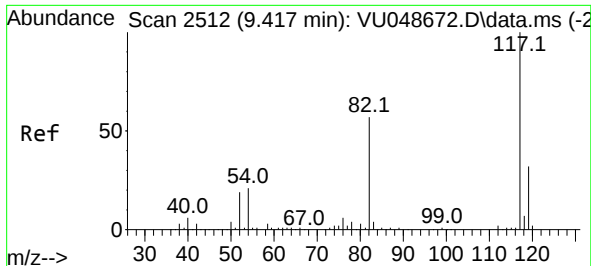
Tgt Ion: 63 Resp: 70
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#62
4-Bromofluorobenzene
Concen: 59.050 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion: 95 Resp: 215292
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.4
176 74.6 0.0 152.4

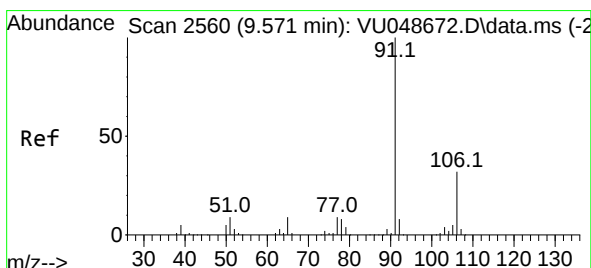
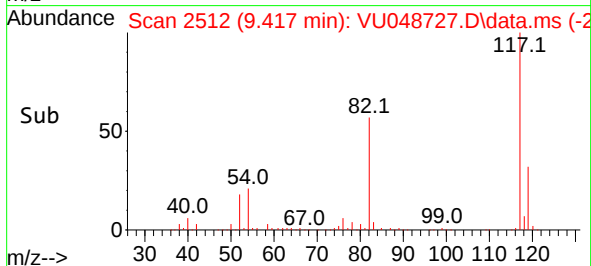
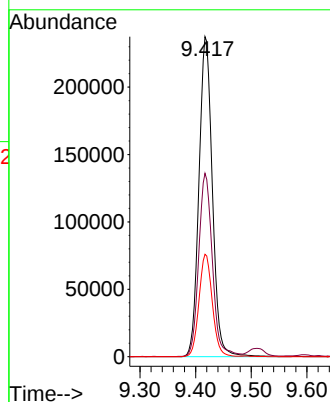
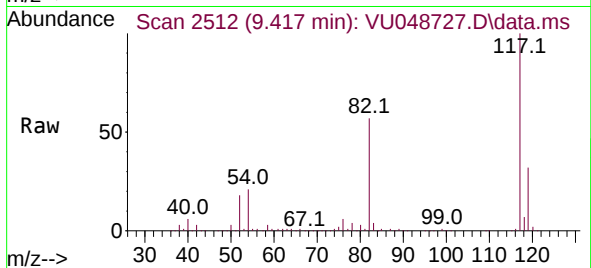




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

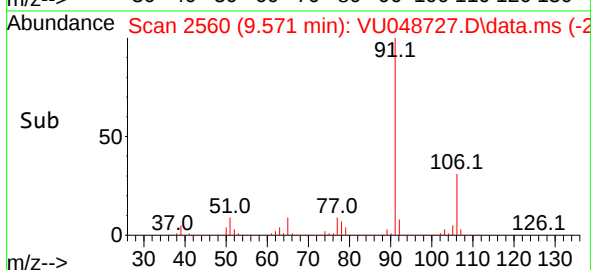
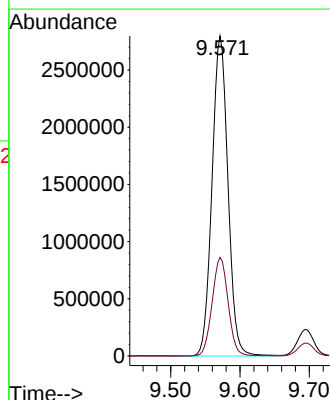
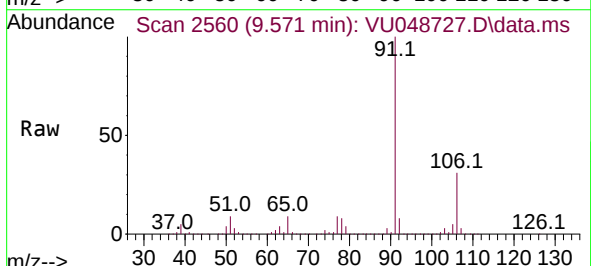
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

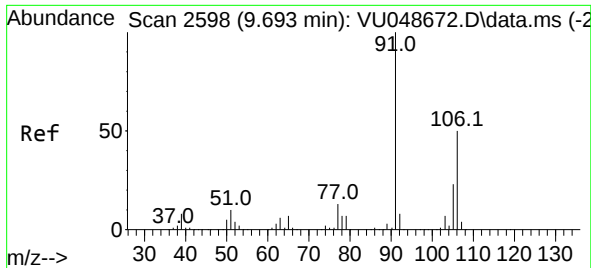
Tgt Ion:117 Resp: 397264
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 32.0 25.4 38.2



#67
Ethyl Benzene
Concen: 313.836 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion: 91 Resp: 4447409
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2

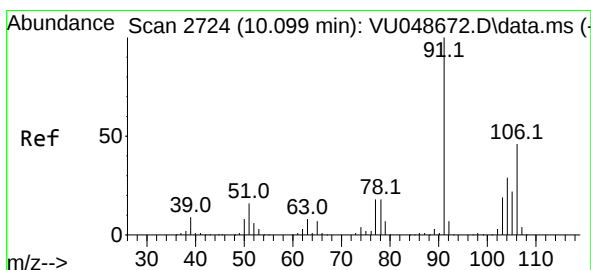
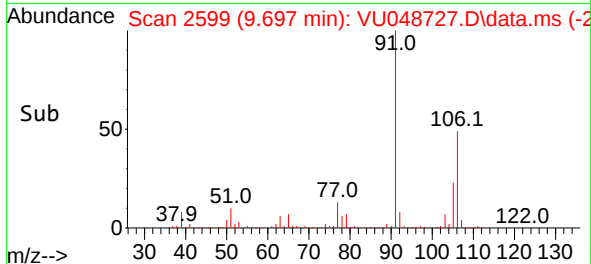
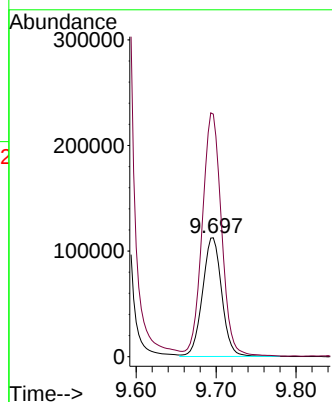
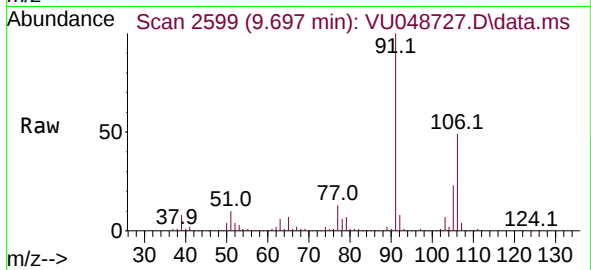




#68
m/p-Xylenes
Concen: 33.982 ug/l
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

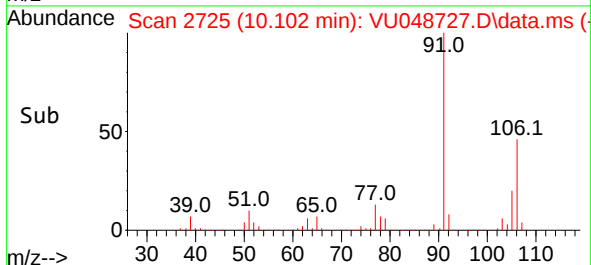
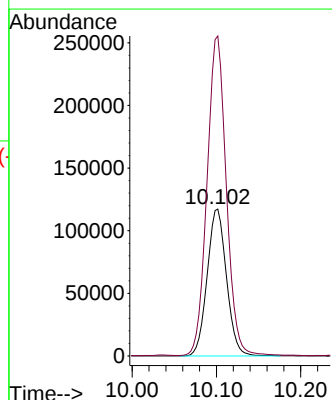
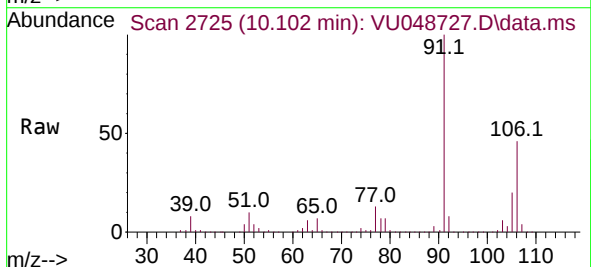
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

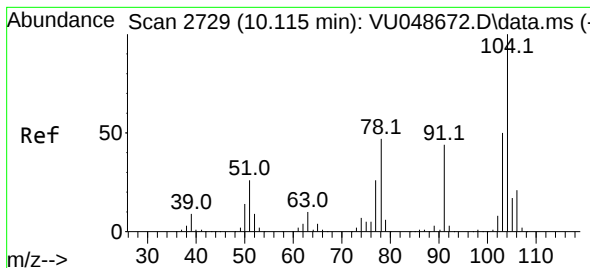
Tgt Ion:106 Resp: 188346
Ion Ratio Lower Upper
106 100
91 205.6 162.4 243.6



#69
o-Xylene
Concen: 34.414 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion:106 Resp: 187394
Ion Ratio Lower Upper
106 100
91 216.5 107.7 323.3





#70

Styrene

Concen: 1.538 ug/l

RT: 10.102 min Scan# 21

Delta R.T. -0.013 min

Lab File: VU048727.D

Acq: 28 May 2022 05:32

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

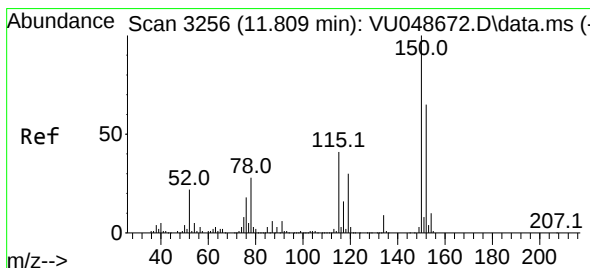
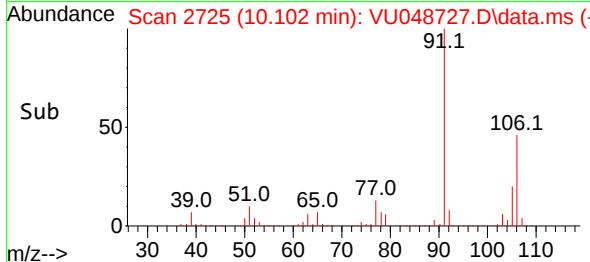
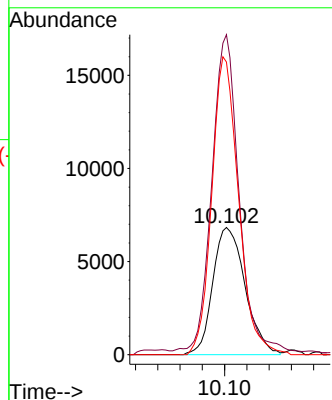
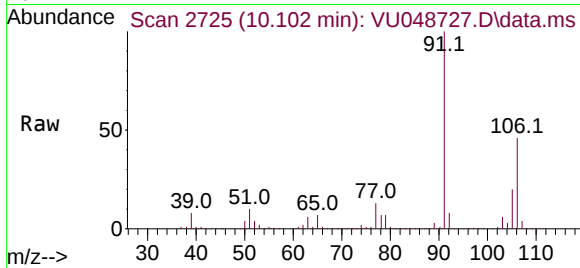
Tgt Ion:104 Resp: 13778

Ion Ratio Lower Upper

104 100

78 206.5 41.2 61.8#

103 194.1 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: VU048727.D

Acq: 28 May 2022 05:32

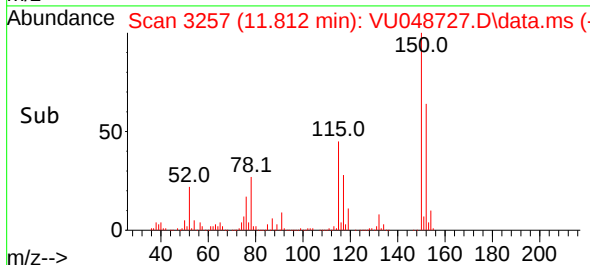
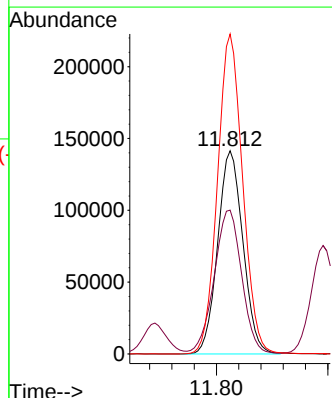
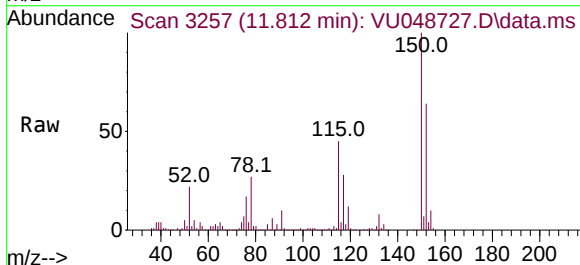
Tgt Ion:152 Resp: 222338

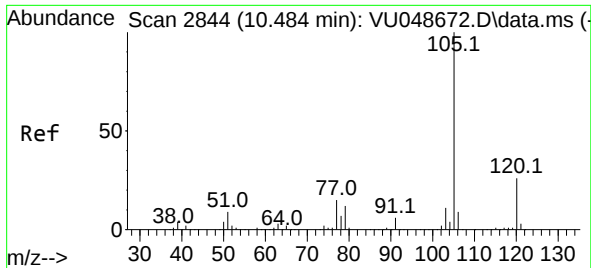
Ion Ratio Lower Upper

152 100

115 76.3 41.8 125.4

150 157.4 0.0 341.0

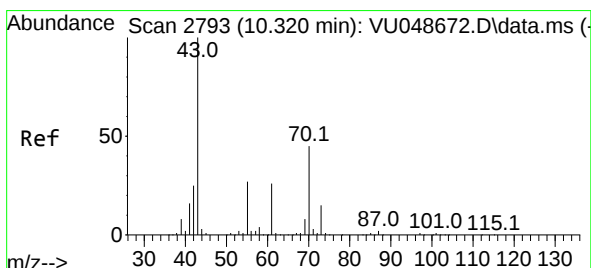
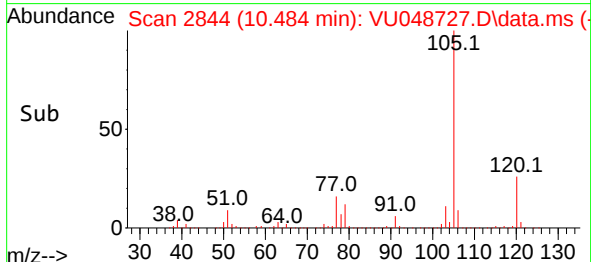
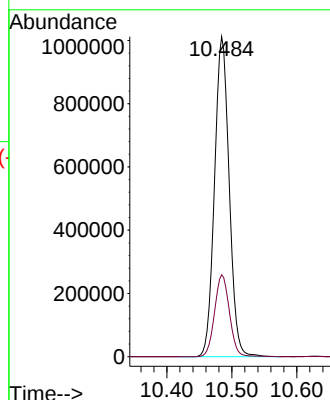
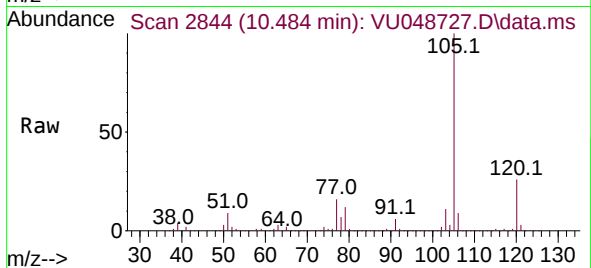




#73
Isopropylbenzene
Concen: 110.153 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

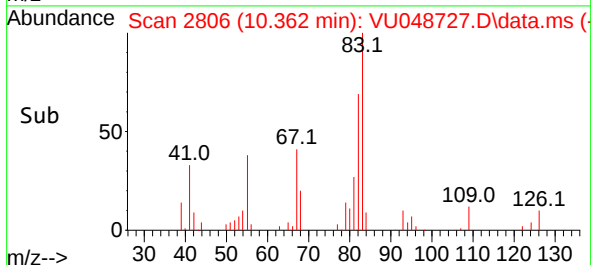
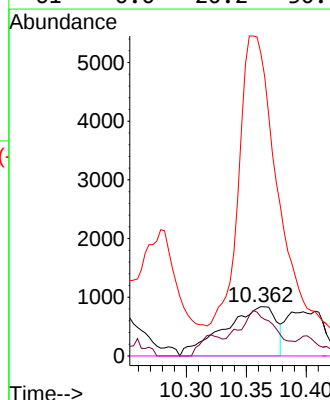
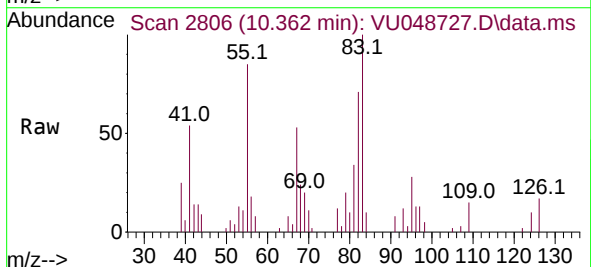
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

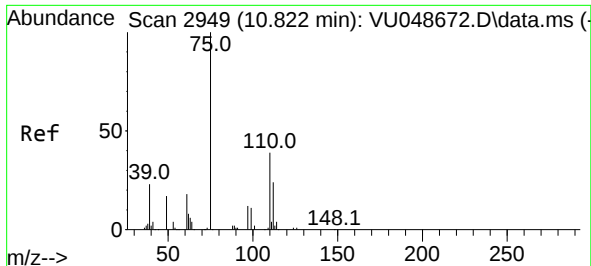
Tgt Ion:105 Resp: 1581144
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#74
N-ethyl acetate
Concen: 2.800 ug/l
RT: 10.362 min Scan# 2806
Delta R.T. 0.042 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion: 43 Resp: 2549
Ion Ratio Lower Upper
43 100
70 57.6 35.8 53.6#
55 461.9 21.1 31.7#
61 0.0 20.2 30.4#

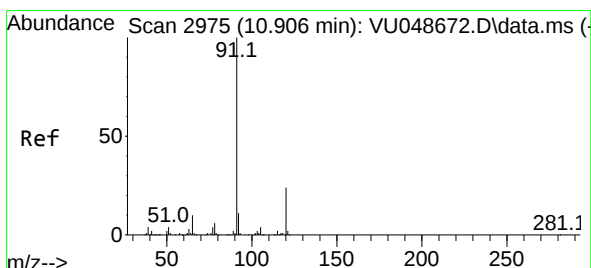
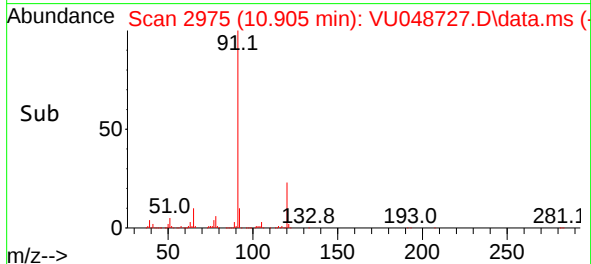
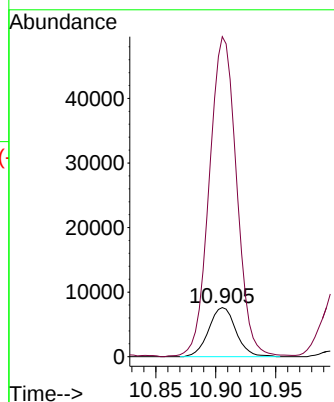
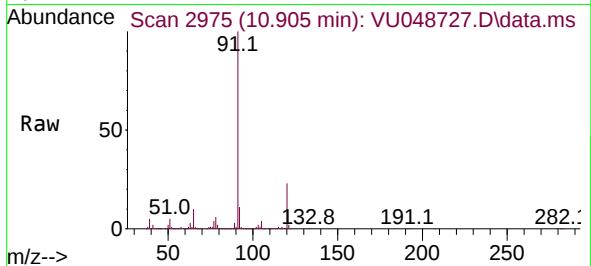




#76
1,2,3-Trichloropropane
Concen: 1.676 ug/l
RT: 10.905 min Scan# 2949
Delta R.T. 0.083 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

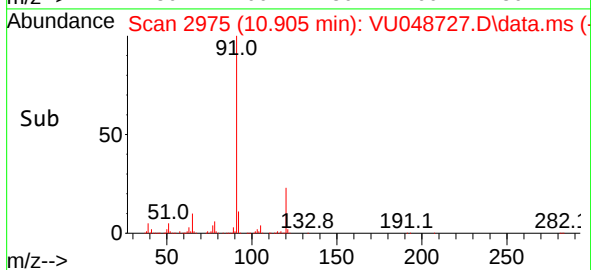
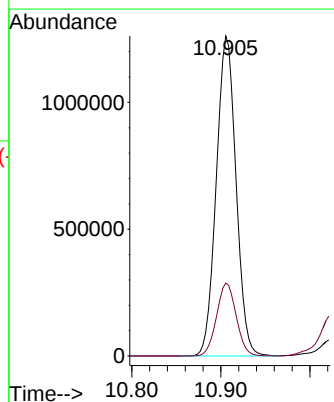
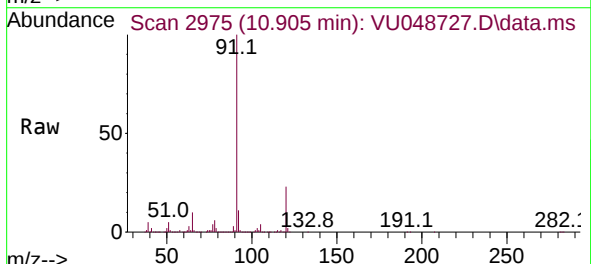
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

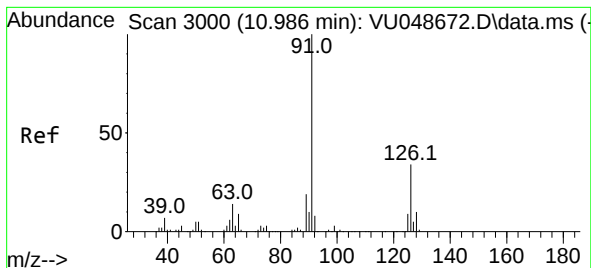
Tgt Ion: 75 Resp: 12012
Ion Ratio Lower Upper
75 100
77 654.3 14.8 44.3#



#78
n-propylbenzene
Concen: 113.646 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion: 91 Resp: 1943811
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7





#79

2-Chlorotoluene

Concen: 10.393 ug/l

RT: 11.024 min Scan# 3012

Delta R.T. 0.038 min

Lab File: VU048727.D

Acq: 28 May 2022 05:32

Instrument :

MSVOA_U

ClientSampleId :

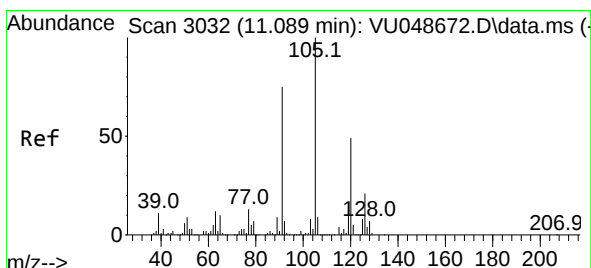
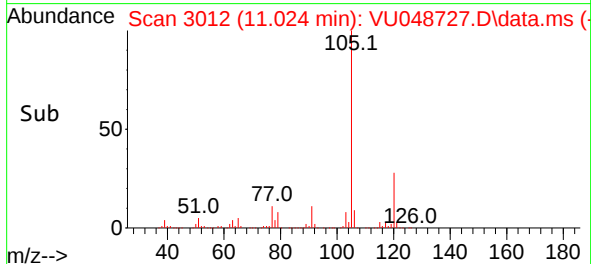
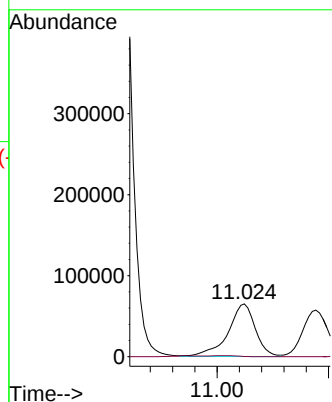
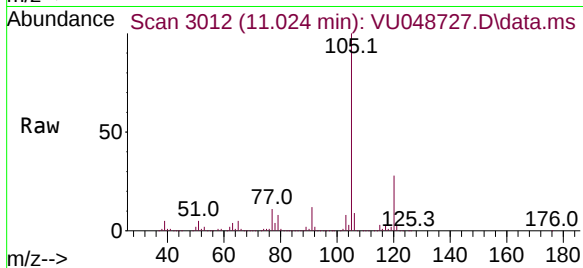
VIBLK

Tgt Ion: 91 Resp: 110548

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.0#



#80

1,3,5-Trimethylbenzene

Concen: 67.425 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU048727.D

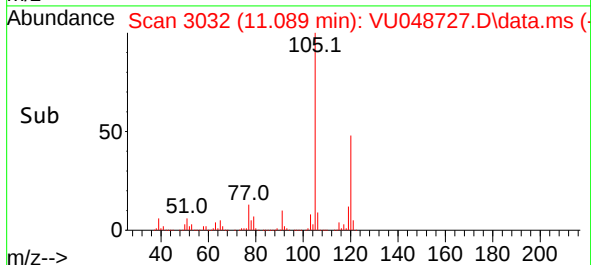
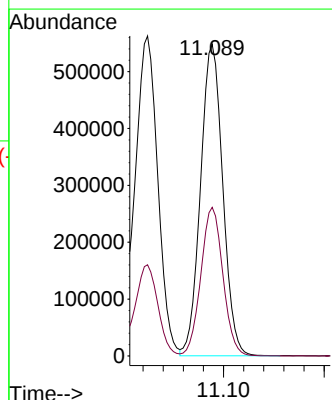
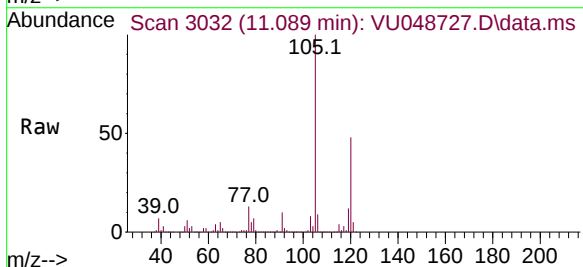
Acq: 28 May 2022 05:32

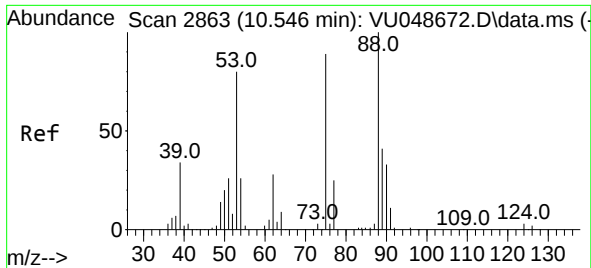
Tgt Ion:105 Resp: 841641

Ion Ratio Lower Upper

105 100

120 47.3 24.1 72.3

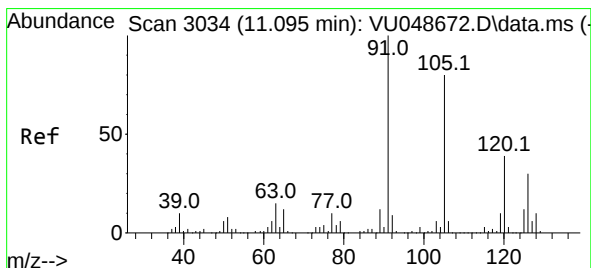
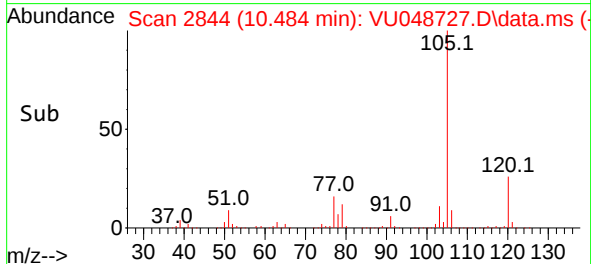
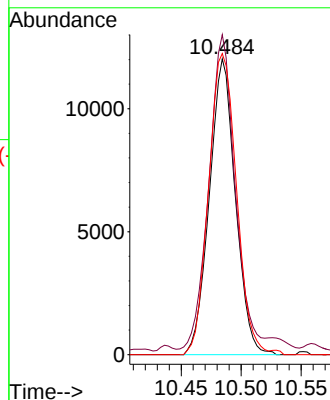
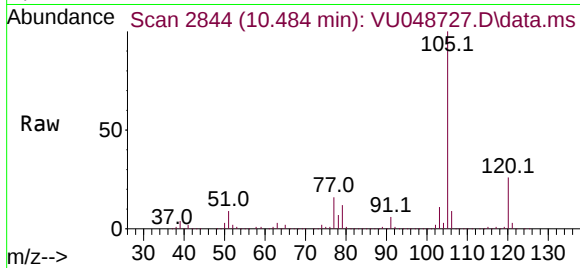




#81
trans-1,4-Dichloro-2-butene
Concen: 9.174 ug/l
RT: 10.484 min Scan# 2863
Delta R.T. -0.061 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

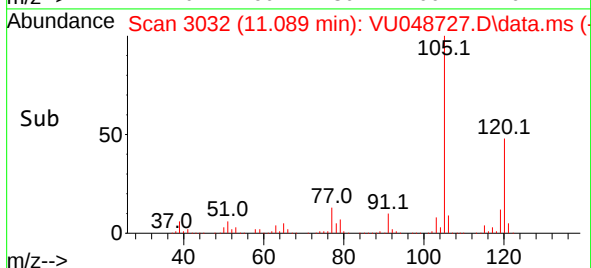
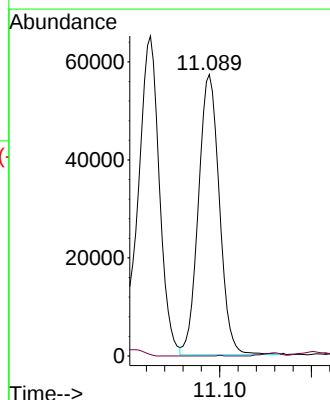
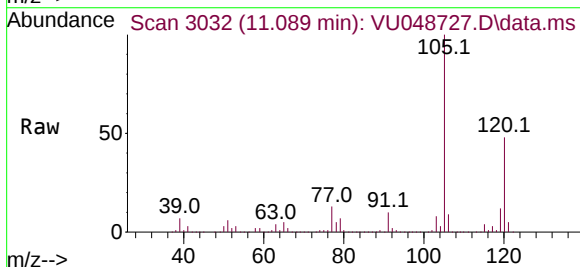
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

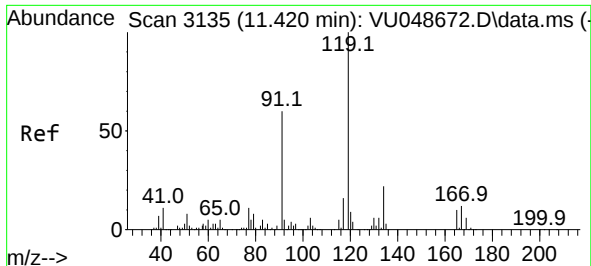
Tgt Ion: 75 Resp: 18113
Ion Ratio Lower Upper
75 100
53 107.2 72.5 108.7
89 109.4 37.0 55.4#



#82
4-Chlorotoluene
Concen: 7.374 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.007 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion: 91 Resp: 90495
Ion Ratio Lower Upper
91 100
126 0.0 14.4 43.2#

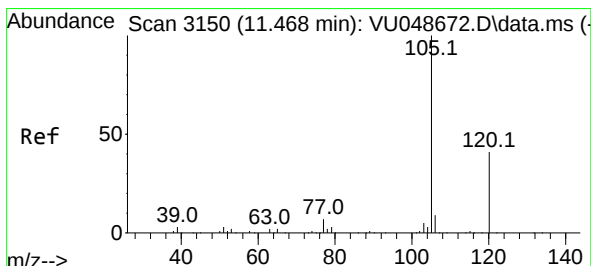
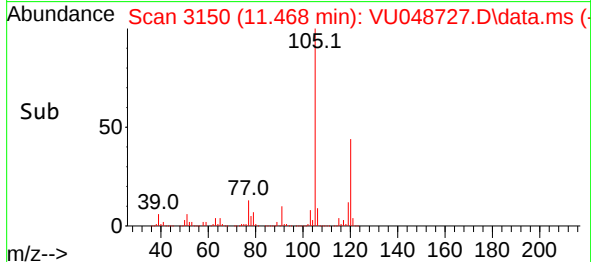
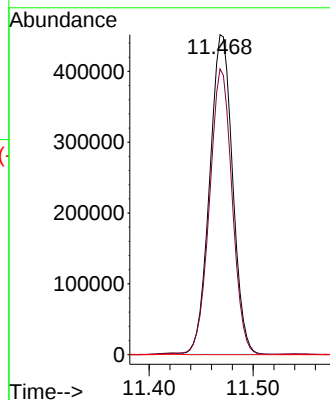
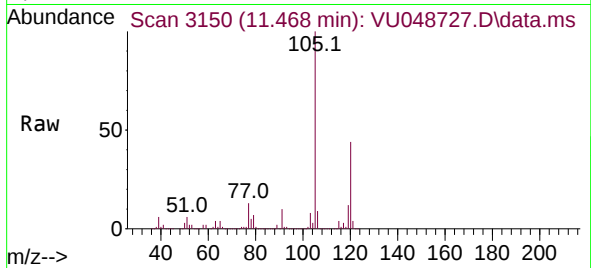




#83
tert-Butylbenzene
Concen: 57.711 ug/l
RT: 11.468 min Scan# 3135
Delta R.T. 0.048 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

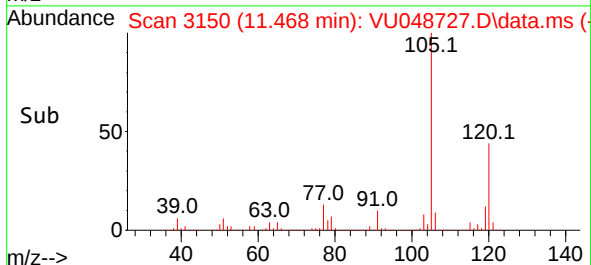
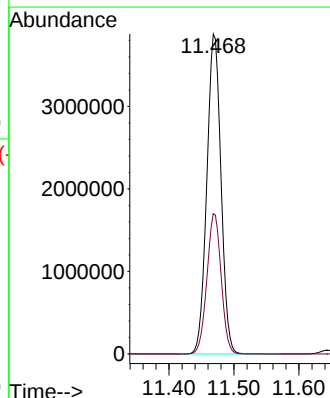
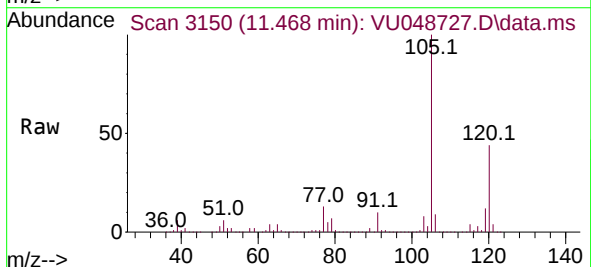
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

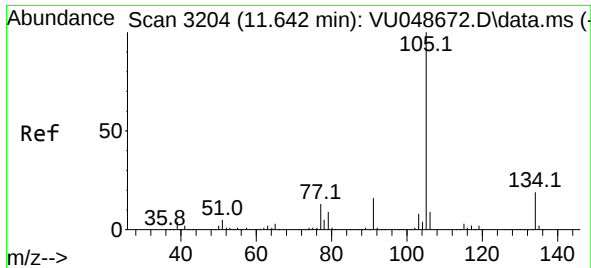
Tgt Ion:119 Resp: 691400
Ion Ratio Lower Upper
119 100
91 88.3 28.7 86.1#
134 0.0 10.8 32.4#



#84
1,2,4-Trimethylbenzene
Concen: 427.937 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion:105 Resp: 5880630
Ion Ratio Lower Upper
105 100
120 44.0 22.5 67.5

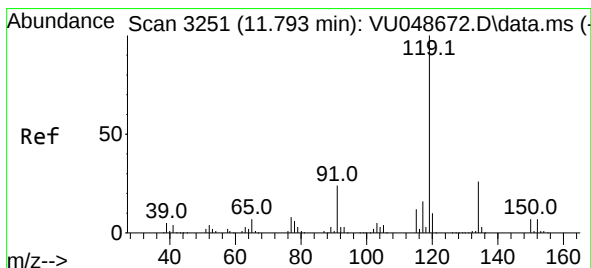
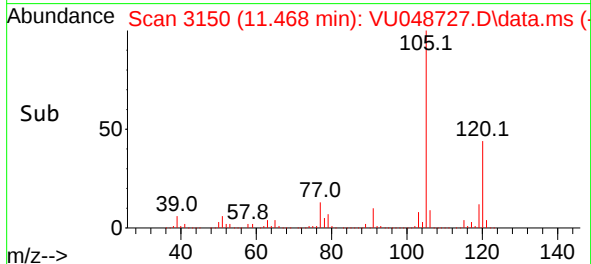
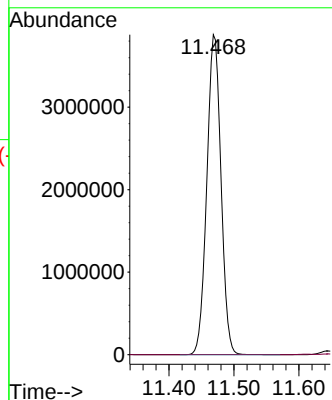
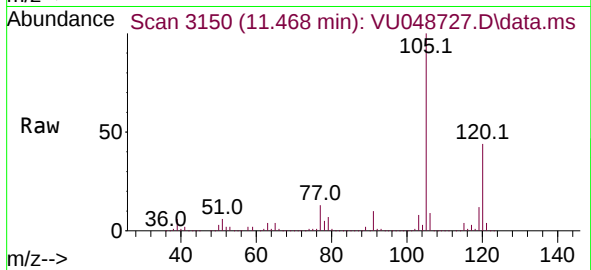




#85
 sec-Butylbenzene
 Concen: 392.356 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.174 min
 Lab File: VU048727.D
 Acq: 28 May 2022 05:32

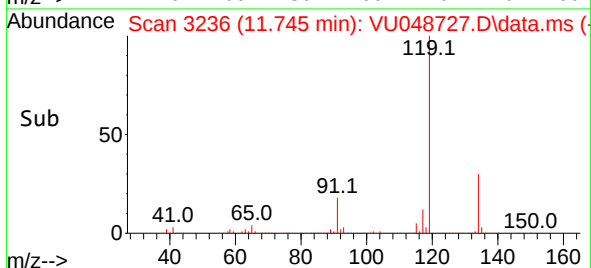
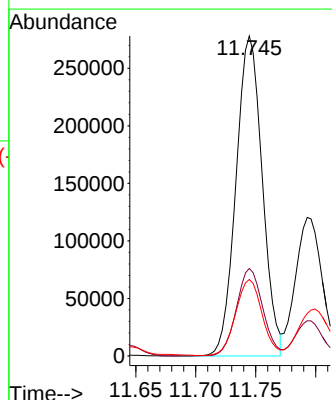
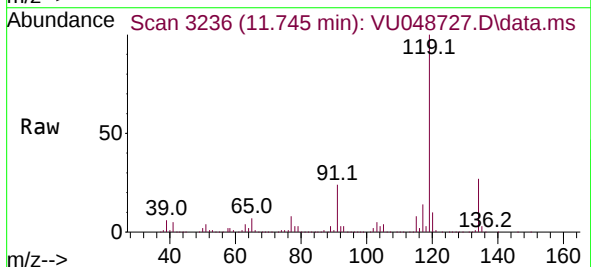
Instrument :
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 ClientSampleId :
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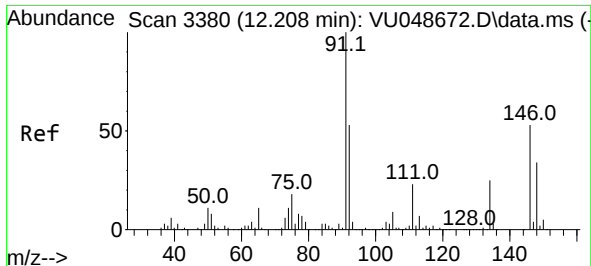
Tgt Ion:105 Resp: 5880630
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 32.948 ug/l
 RT: 11.745 min Scan# 3236
 Delta R.T. -0.048 min
 Lab File: VU048727.D
 Acq: 28 May 2022 05:32

Tgt Ion:119 Resp: 424071
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.8 38.4
 91 23.8 12.0 36.0





#89

n-Butylbenzene

Concen: 19.508 ug/l

RT: 12.195 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU048727.D

Acq: 28 May 2022 05:32

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

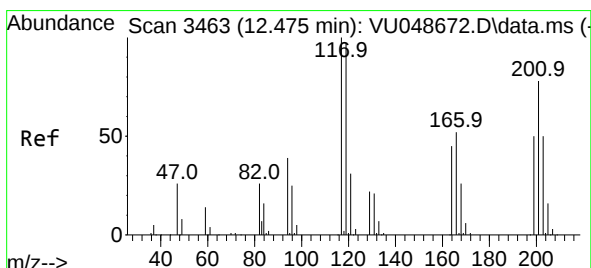
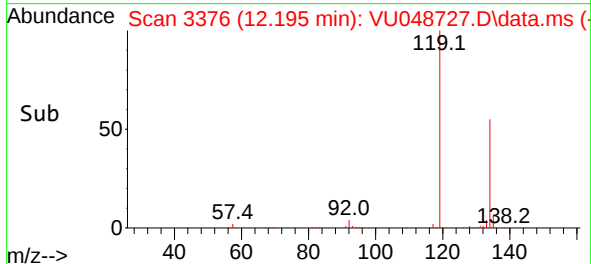
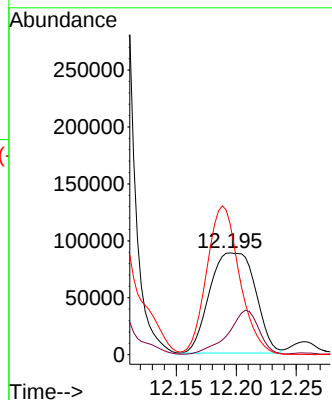
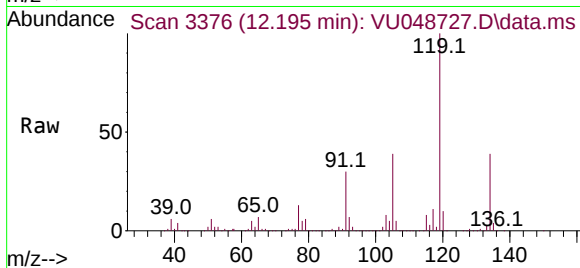
Tgt Ion: 91 Resp: 233374

Ion Ratio Lower Upper

91 100

92 29.7 25.9 77.8

134 107.3 12.5 37.5#



#90

Hexachloroethane

Concen: 48.522 ug/l

RT: 12.568 min Scan# 3492

Delta R.T. 0.093 min

Lab File: VU048727.D

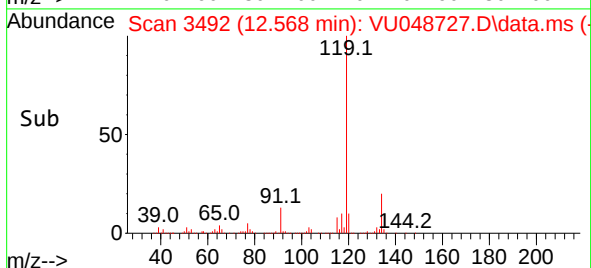
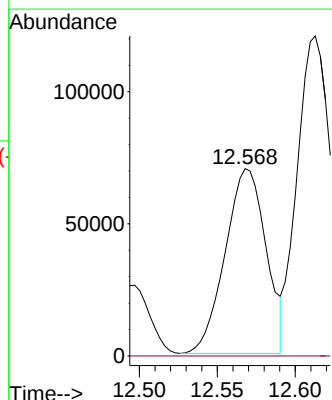
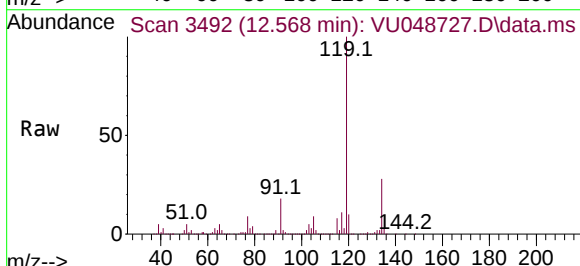
Acq: 28 May 2022 05:32

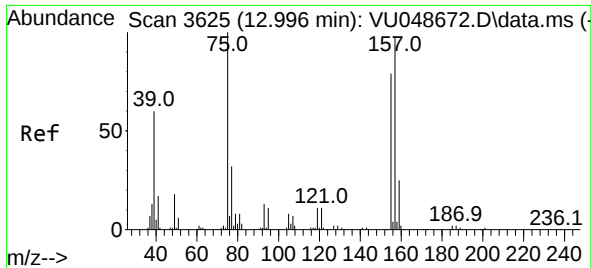
Tgt Ion:117 Resp: 127458

Ion Ratio Lower Upper

117 100

201 0.0 39.6 119.0#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.090 ug/l
 RT: 12.973 min Scan# 30
 Delta R.T. -0.023 min
 Lab File: VU048727.D
 Acq: 28 May 2022 05:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 5211
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.3 120.8#
 157 0.0 50.0 150.0#

