

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
 Data File : VU063700.D
 Acq On : 11 Nov 2025 12:08
 Operator : MD/SY
 Sample : VU1111WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBL01

Quant Time: Nov 12 02:10:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:41:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.344	168	222016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.222	114	358861	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	332447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	173387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.672	65	171373	52.253	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	104.500%	
35) Dibromofluoromethane	5.258	113	141570	56.325	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	112.640%	
50) Toluene-d8	7.872	98	451293	49.979	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	99.960%	
62) 4-Bromofluorobenzene	10.611	95	198616	53.173	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	106.340%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.592	62	85	0.052	ug/l #	38
6) Chloroethane	1.920	64	155	0.124	ug/l #	42
12) 1,1-Dichloroethene	2.557	96	154	0.089	ug/l #	61
14) Allyl chloride	2.910	41	464	0.144	ug/l #	41
21) trans-1,2-Dichloroethene	3.319	96	21	0.012	ug/l #	50
23) Vinyl Acetate	4.164	43	20	0.004	ug/l #	71
25) 2-Butanone	4.849	43	49	0.022	ug/l #	47
27) cis-1,2-Dichloroethene	4.637	96	130	0.050	ug/l #	25
28) Bromochloromethane	4.962	49	70	0.043	ug/l #	10
29) Tetrahydrofuran	5.081	42	72	0.055	ug/l #	29
37) Ethyl Acetate	4.849	43	49	0.014	ug/l #	69
40) Benzene	5.743	78	138	0.017	ug/l #	52
41) Methacrylonitrile	4.955	41	56	0.030	ug/l #	35
42) 1,2-Dichloroethane	5.766	62	78	0.024	ug/l #	75
43) Isopropyl Acetate	5.936	43	42	0.008	ug/l #	60
44) Trichloroethene	6.521	130	343	0.148	ug/l	50
45) 1,2-Dichloropropane	6.582	63	73	0.033	ug/l #	44
46) Dibromomethane	6.897	93	67	0.040	ug/l #	40
47) Bromodichloromethane	7.071	83	40	0.012	ug/l #	24
48) Methyl methacrylate	6.975	41	40	0.015	ug/l #	10
52) Toluene	7.949	92	384	0.072	ug/l	79
53) t-1,3-Dichloropropene	8.196	75	310	0.108	ug/l #	48
54) cis-1,3-Dichloropropene	7.586	75	217	0.067	ug/l #	34
56) Ethyl methacrylate	8.377	69	39	0.011	ug/l #	25
57) 1,3-Dichloropropane	8.557	76	79	0.020	ug/l #	42
60) Dibromochloromethane	8.798	129	42	0.016	ug/l #	6
61) 1,2-Dibromoethane	8.901	107	110	0.046	ug/l #	21
64) Tetrachloroethene	8.528	164	153	0.071	ug/l	95
65) Chlorobenzene	9.425	112	980	0.151	ug/l #	66
67) Ethyl Benzene	9.553	91	1181	0.109	ug/l	100
68) m/p-Xylenes	9.675	106	750	0.188	ug/l #	71
69) o-Xylene	10.084	106	64	0.016	ug/l #	1
70) Styrene	10.116	104	760	0.115	ug/l #	85
71) Bromoform	10.280	173	180	0.101	ug/l #	29
73) Isopropylbenzene	10.460	105	776	0.071	ug/l #	49
74) N-amyl acetate	10.341	43	546	0.144	ug/l #	43

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VU1111WBL01

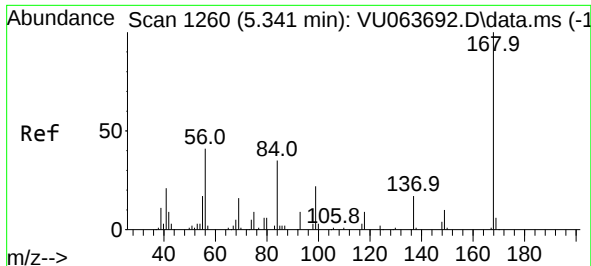
Quant Time: Nov 12 02:10:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 01:41:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	10.608	83	96	0.023	ug/l #	1
78) n-propylbenzene	10.888	91	2118	0.169	ug/l	80
79) 2-Chlorotoluene	10.962	91	984	0.122	ug/l	85
80) 1,3,5-Trimethylbenzene	11.068	105	697	0.076	ug/l	79
82) 4-Chlorotoluene	11.087	91	1819	0.198	ug/l	90
83) tert-Butylbenzene	11.402	119	603	0.063	ug/l #	85
84) 1,2,4-Trimethylbenzene	11.447	105	707	0.079	ug/l #	65
85) sec-Butylbenzene	11.621	105	1583	0.132	ug/l	91
86) p-Isopropyltoluene	11.769	119	1346	0.140	ug/l #	54

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

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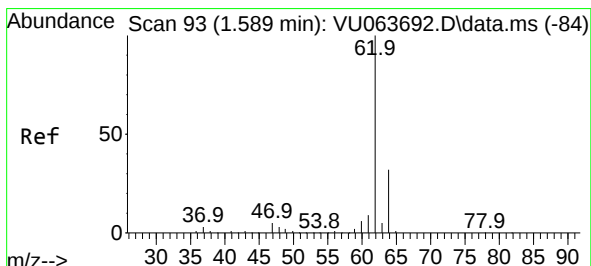
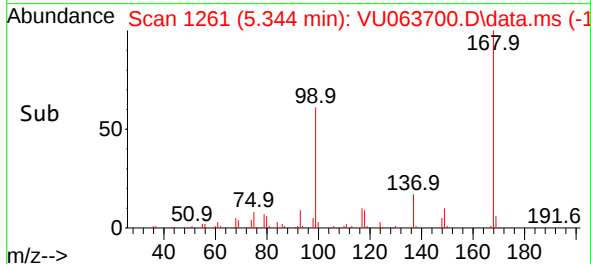
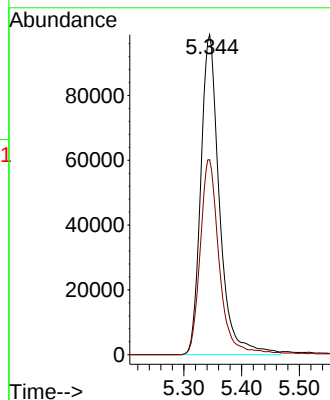
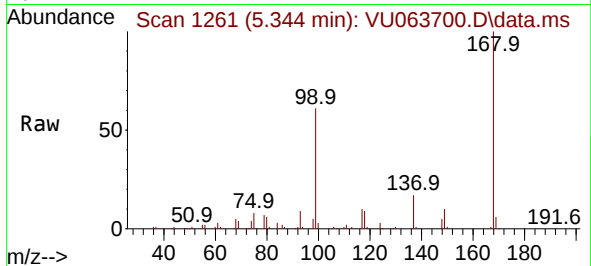




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.344 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

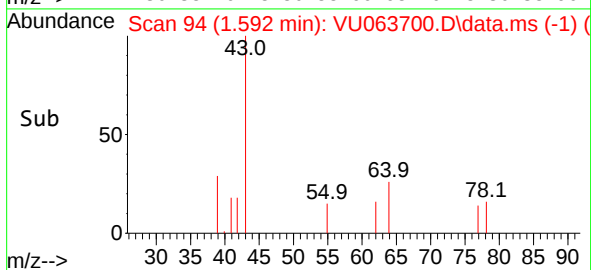
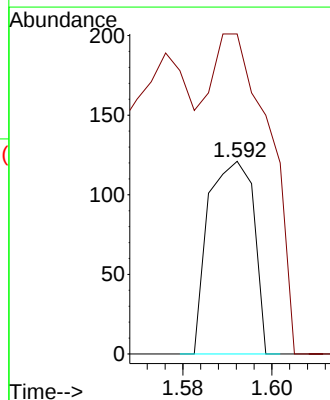
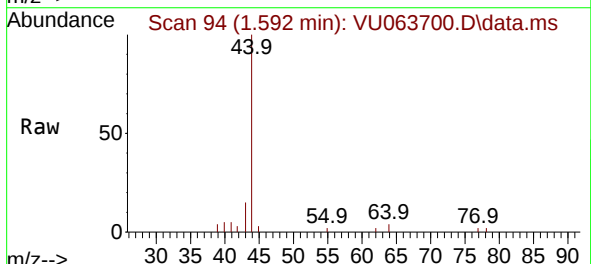
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

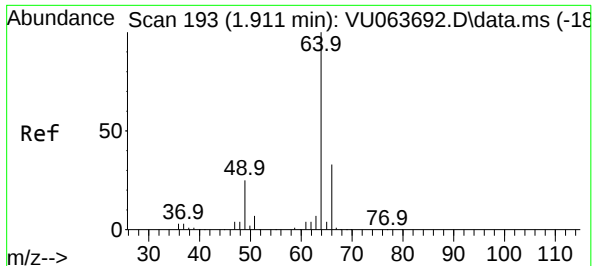
Tgt Ion:168 Resp: 222016
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#4
Vinyl Chloride
Concen: 0.052 ug/l
RT: 1.592 min Scan# 94
Delta R.T. 0.003 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion: 62 Resp: 85
Ion Ratio Lower Upper
62 100
64 66.9 25.9 38.9#

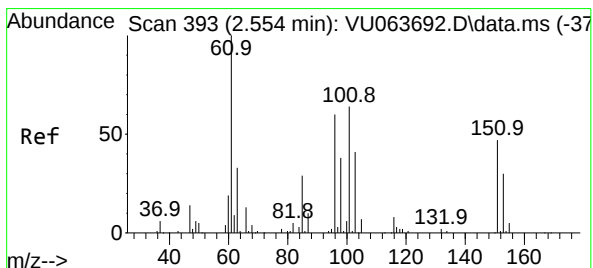
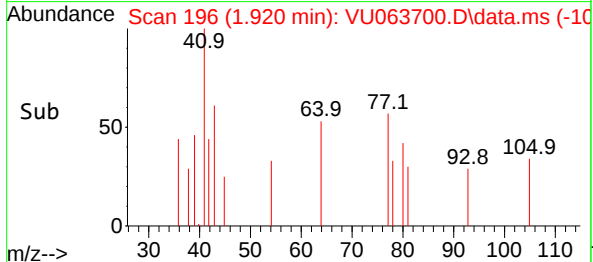
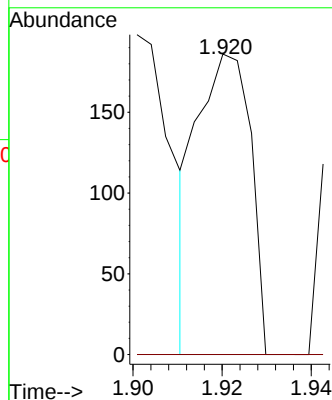
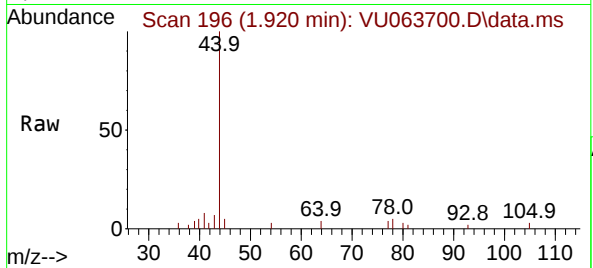




#6
Chloroethane
Concen: 0.124 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.009 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

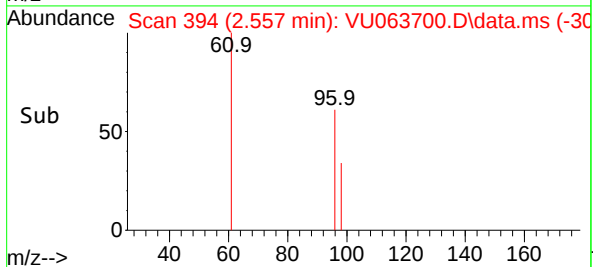
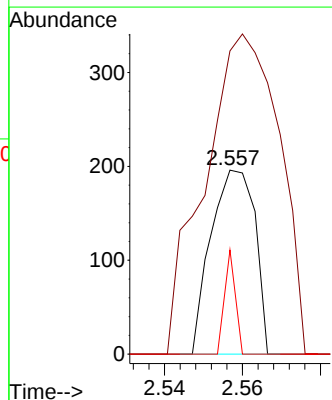
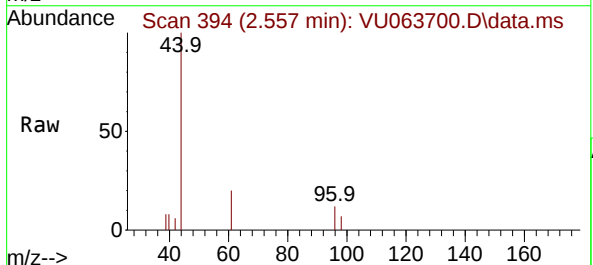
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

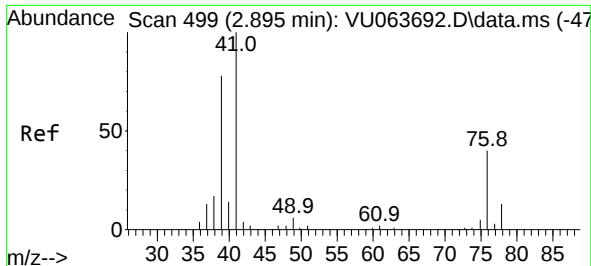
Tgt Ion: 64 Resp: 155
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#12
1,1-Dichloroethene
Concen: 0.089 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion: 96 Resp: 154
Ion Ratio Lower Upper
96 100
61 97.4 133.1 199.7#
98 56.6 50.7 76.1

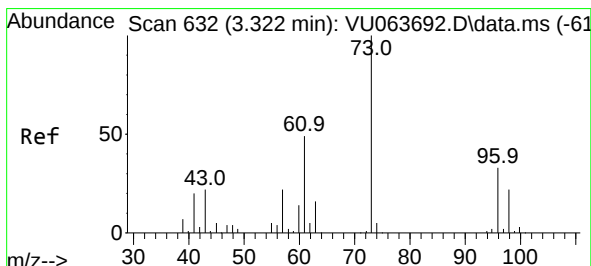
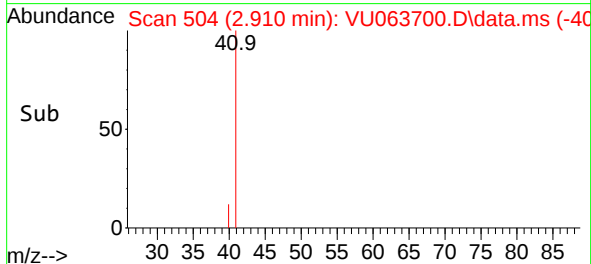
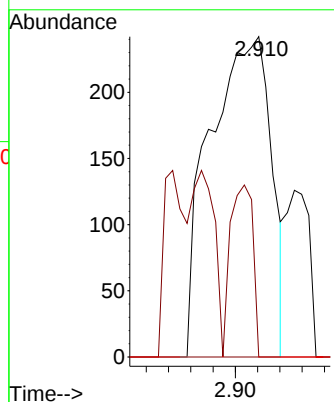
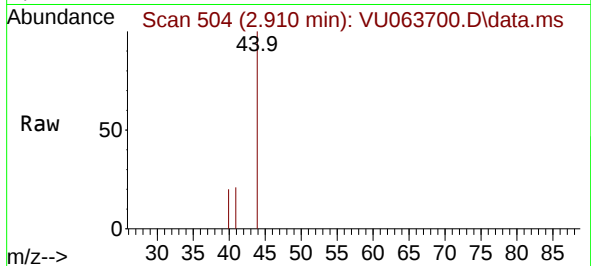




#14
 Allyl chloride
 Concen: 0.144 ug/l
 RT: 2.910 min Scan# 504
 Delta R.T. 0.016 min
 Lab File: VU063700.D
 Acq: 11 Nov 2025 12:08

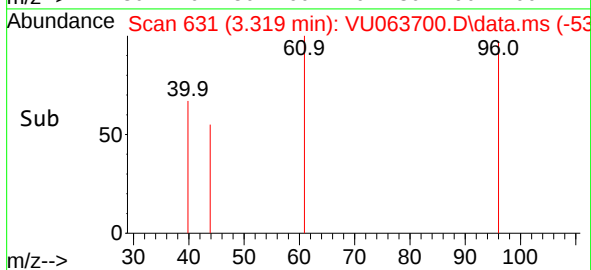
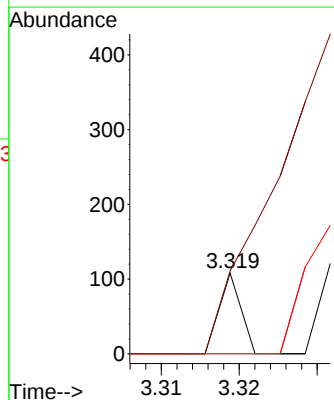
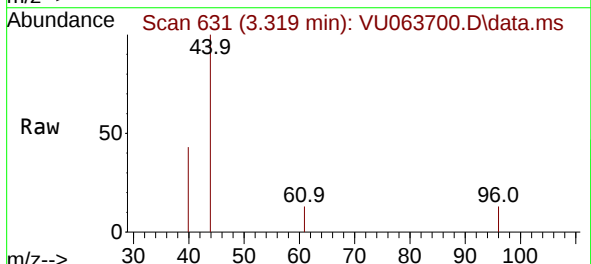
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBL01

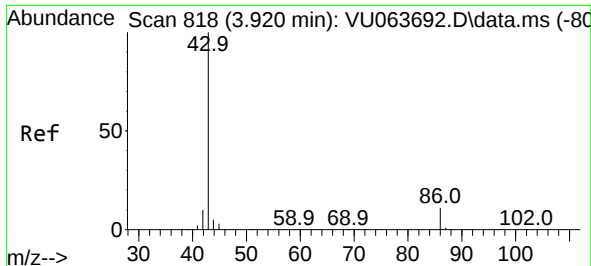
Tgt Ion:	41	Resp:	464
Ion	Ratio	Lower	Upper
41	100		
39	19.6	53.1	79.7#
76	0.0	26.4	39.6#



#21
 trans-1,2-Dichloroethene
 Concen: 0.012 ug/l
 RT: 3.319 min Scan# 631
 Delta R.T. -0.003 min
 Lab File: VU063700.D
 Acq: 11 Nov 2025 12:08

Tgt Ion:	96	Resp:	21
Ion	Ratio	Lower	Upper
96	100		
61	102.8	117.5	176.3#
98	0.0	52.7	79.1#

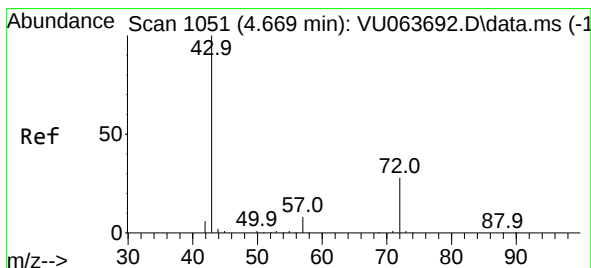
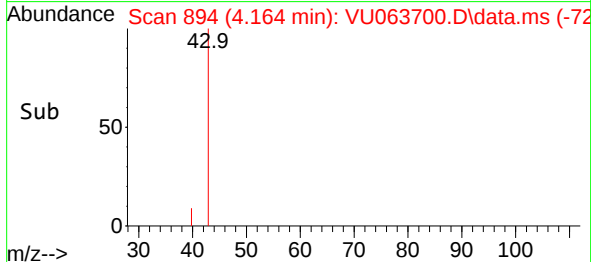
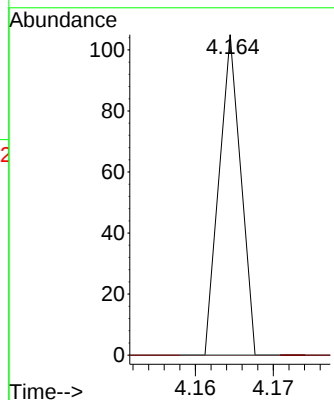
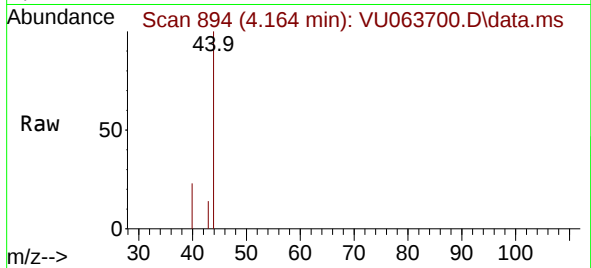




#23
Vinyl Acetate
Concen: 0.004 ug/l
RT: 4.164 min Scan# 81
Delta R.T. 0.244 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

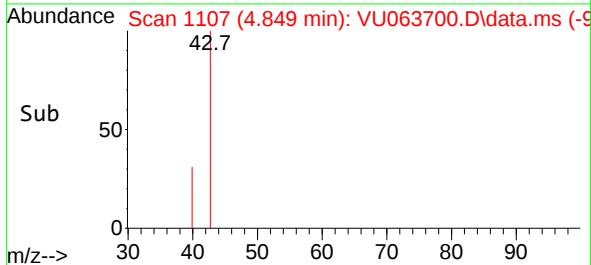
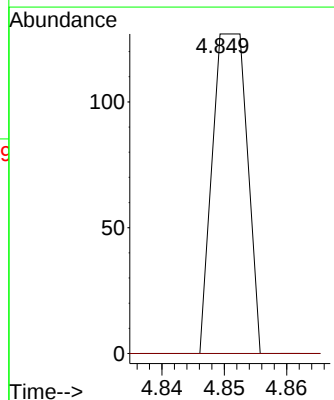
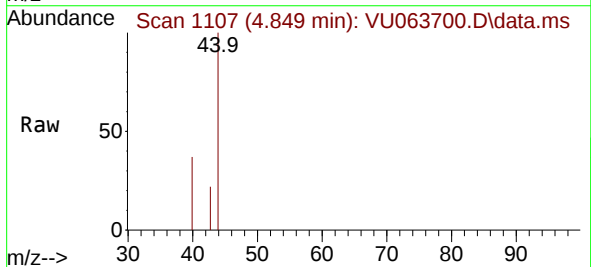
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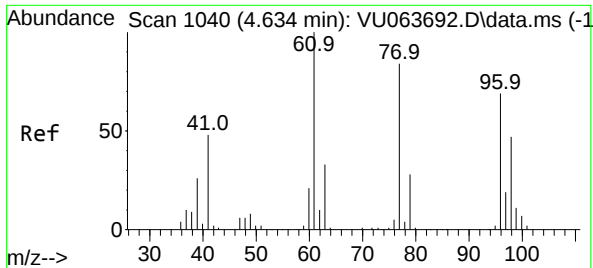
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
86 0.0 8.7 13.1#



#25
2-Butanone
Concen: 0.022 ug/l
RT: 4.849 min Scan# 1107
Delta R.T. 0.180 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#

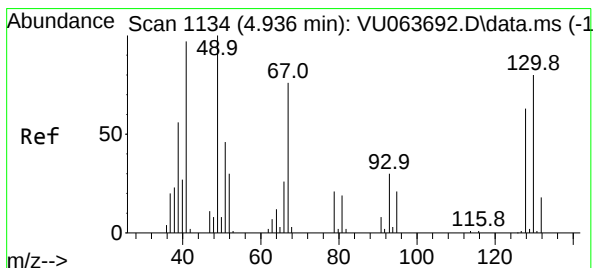
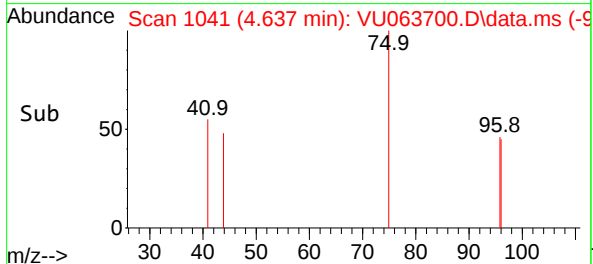
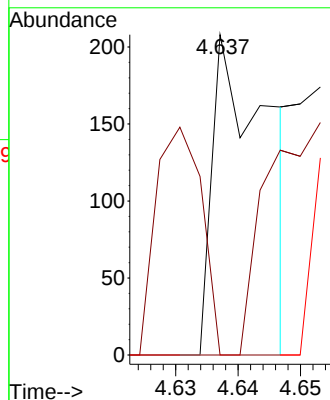
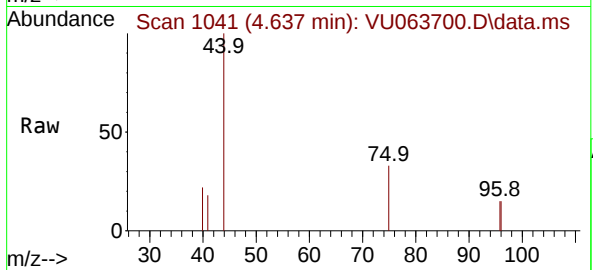




#27
cis-1,2-Dichloroethene
Concen: 0.050 ug/l
RT: 4.637 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

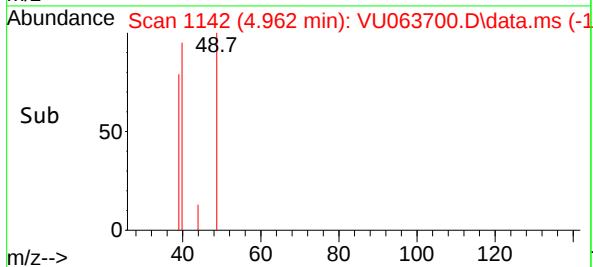
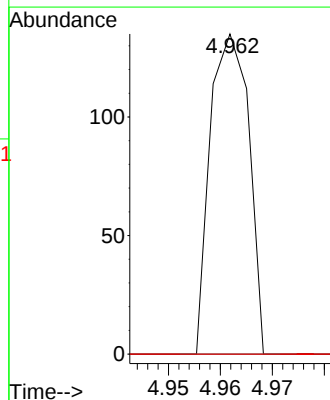
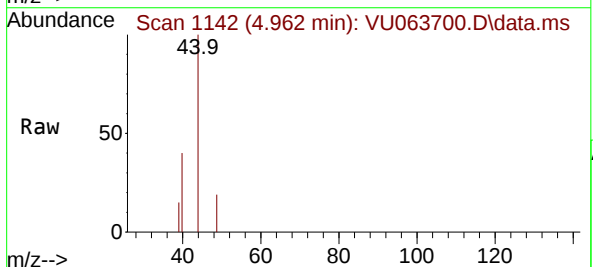
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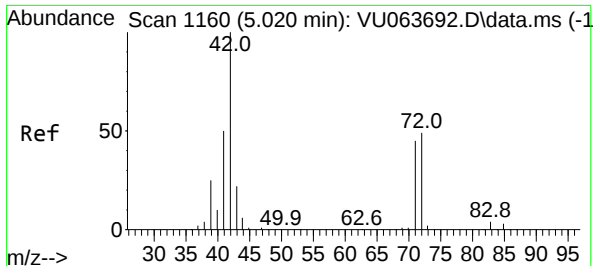
Tgt Ion: 96 Resp: 130
Ion Ratio Lower Upper
96 100
61 57.7 0.0 295.4
98 0.0 0.0 131.8



#28
Bromochloromethane
Concen: 0.043 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.026 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion: 49 Resp: 70
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 65.1 97.7#





#29

Tetrahydrofuran

Concen: 0.055 ug/l

RT: 5.081 min Scan# 1160

Delta R.T. 0.061 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBL01

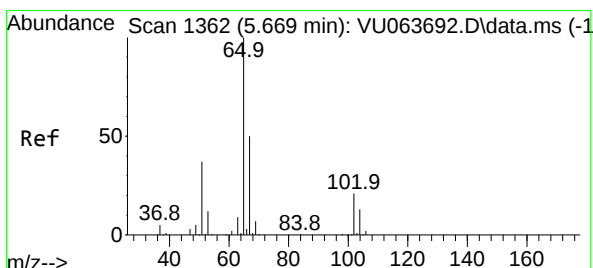
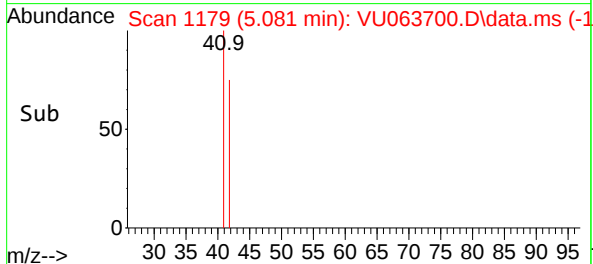
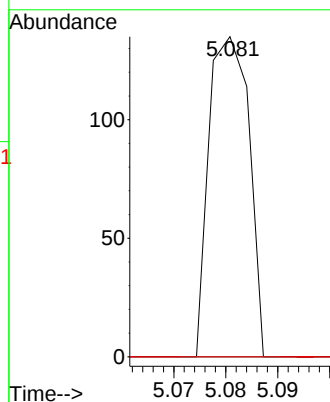
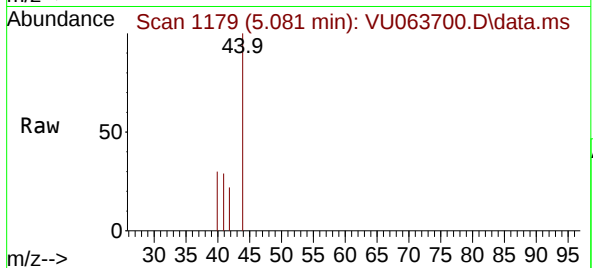
Tgt Ion: 42 Resp: 72

Ion Ratio Lower Upper

42 100

72 0.0 40.0 60.0#

71 0.0 37.4 56.0#



#33

1,2-Dichloroethane-d4

Concen: 52.253 ug/l

RT: 5.672 min Scan# 1363

Delta R.T. 0.003 min

Lab File: VU063700.D

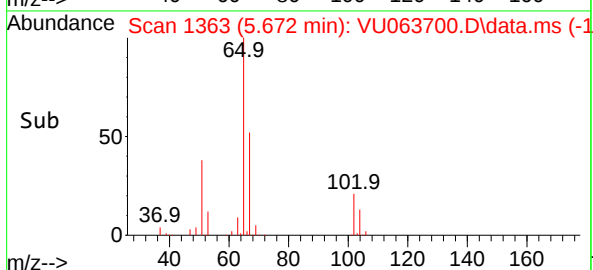
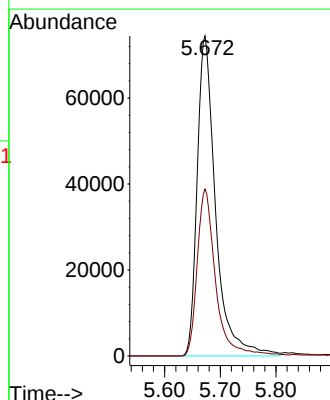
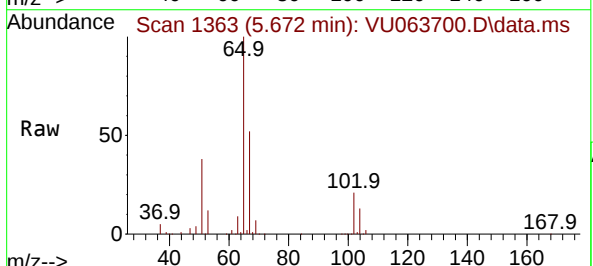
Acq: 11 Nov 2025 12:08

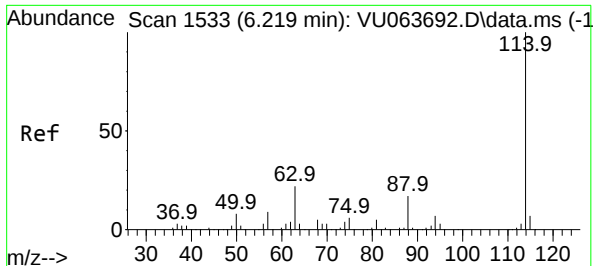
Tgt Ion: 65 Resp: 171373

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.222 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBL01

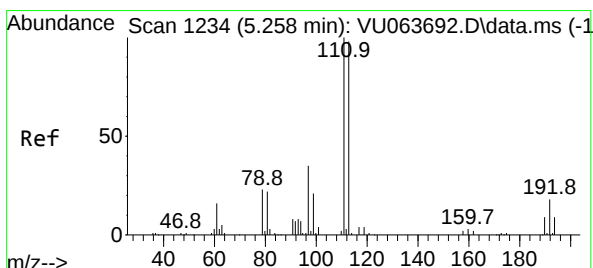
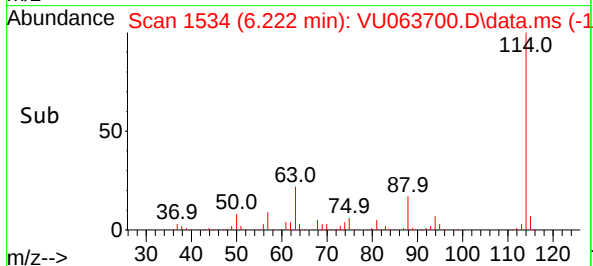
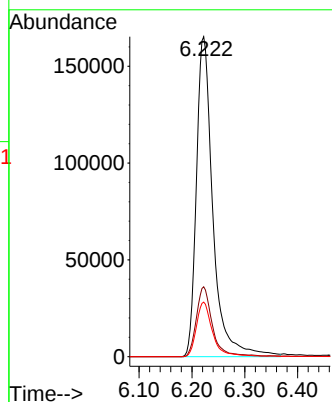
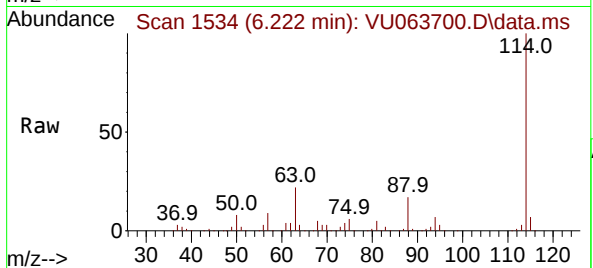
Tgt Ion:114 Resp: 358861

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.0

88 17.1 0.0 33.6



#35

Dibromofluoromethane

Concen: 56.325 ug/l

RT: 5.258 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

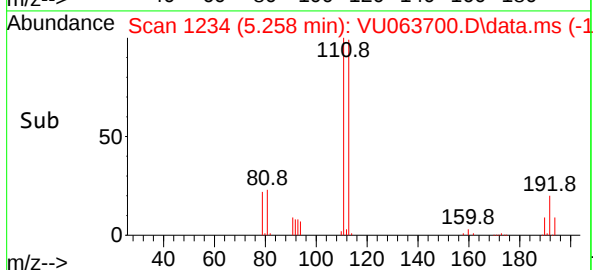
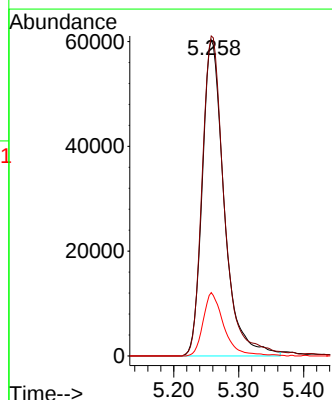
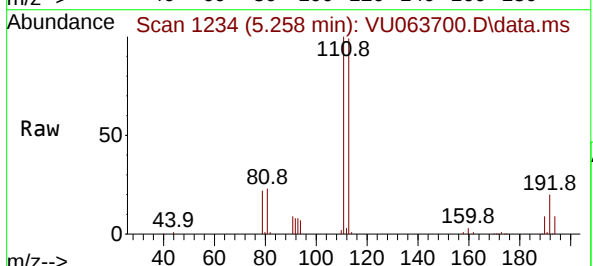
Tgt Ion:113 Resp: 141570

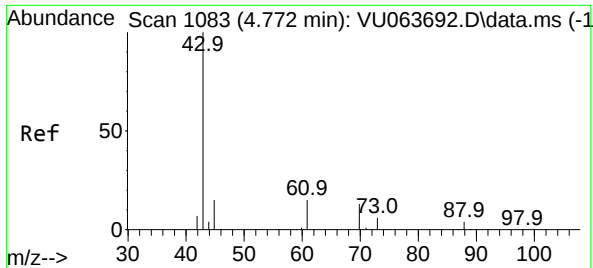
Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 18.8 15.4 23.0

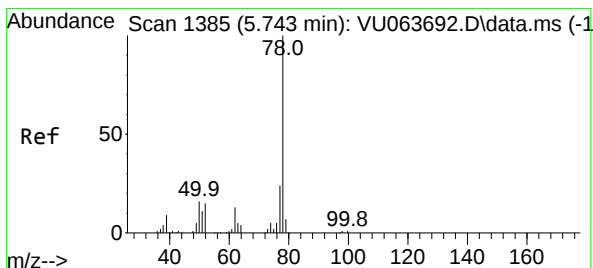
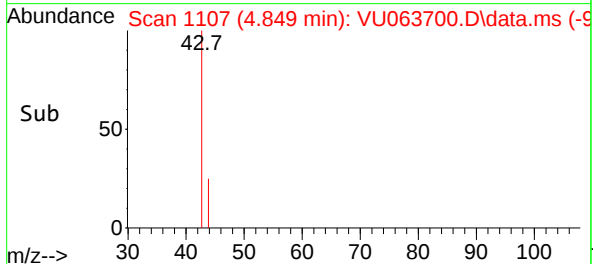
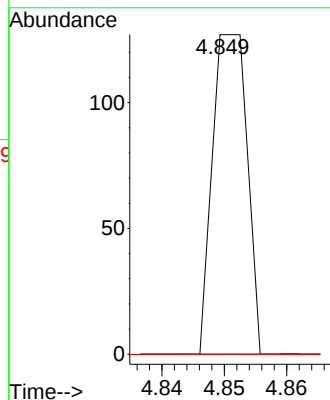
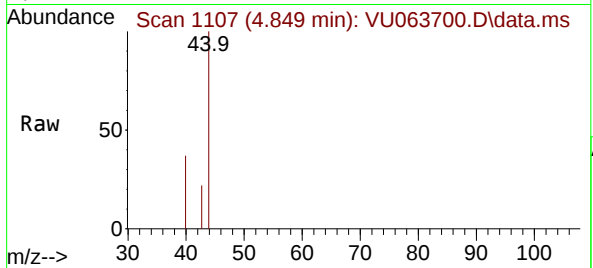




#37
Ethyl Acetate
Concen: 0.014 ug/l
RT: 4.849 min Scan# 1107
Delta R.T. 0.077 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

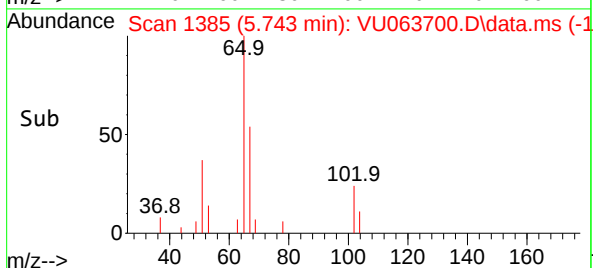
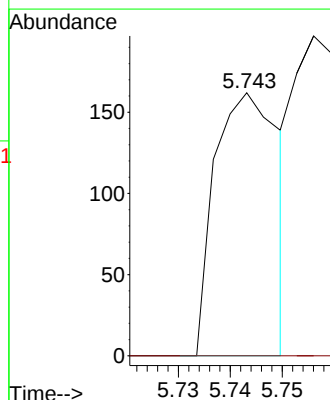
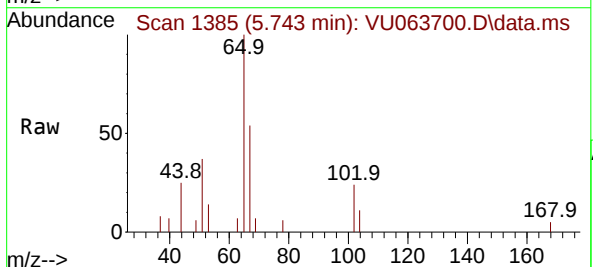
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

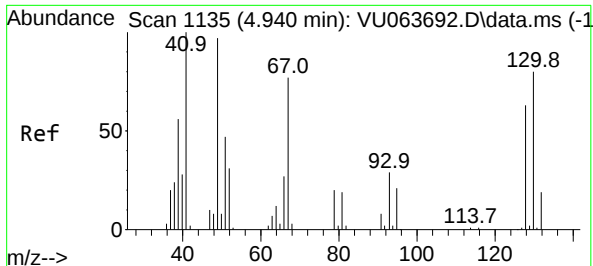
Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 8.9 13.3#



#40
Benzene
Concen: 0.017 ug/l
RT: 5.743 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion: 78 Resp: 138
Ion Ratio Lower Upper
78 100
77 0.0 18.9 28.3#

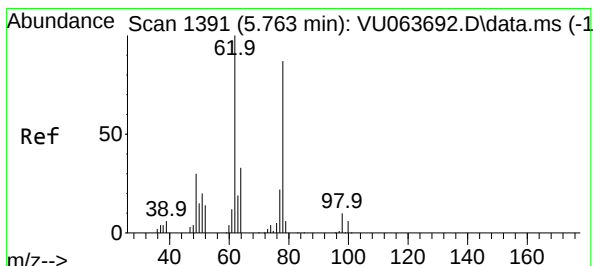
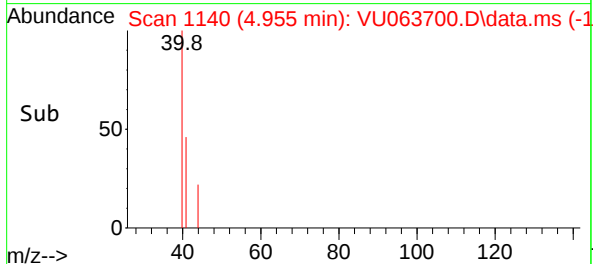
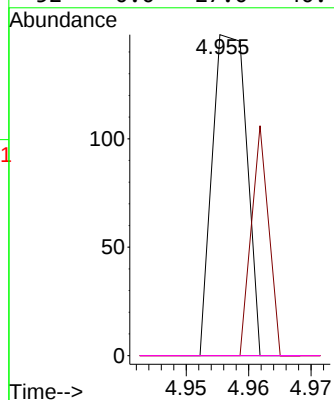
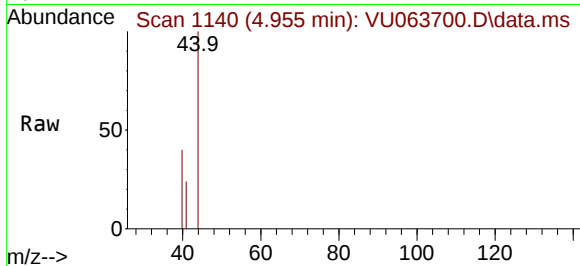




#41
Methacrylonitrile
Concen: 0.030 ug/l
RT: 4.955 min Scan# 1135
Delta R.T. 0.016 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

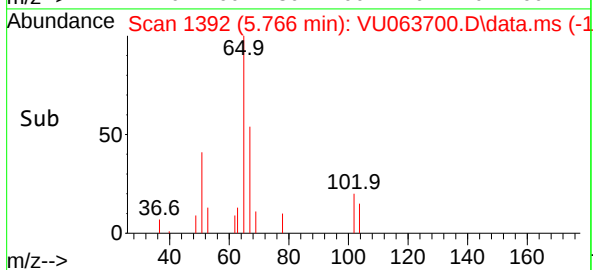
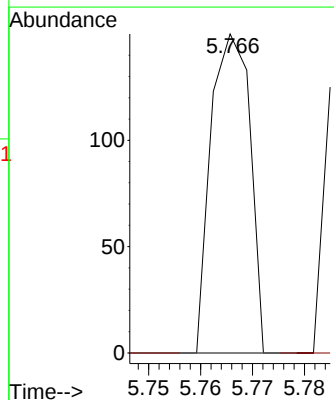
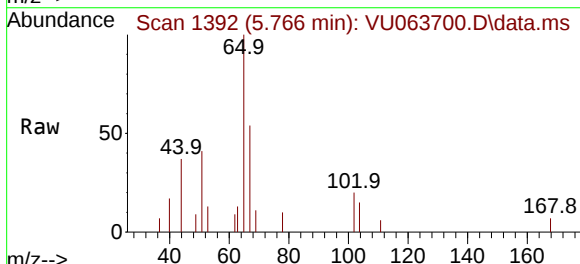
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

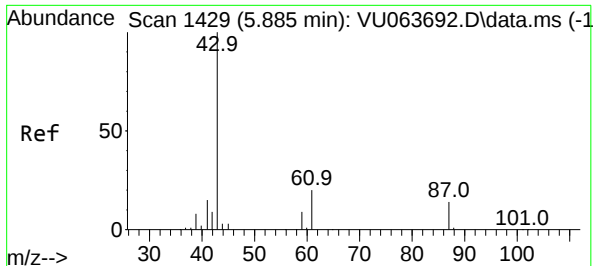
Tgt Ion: 41	Resp:	56	
Ion	Ratio	Lower	Upper
41	100		
39	35.7	44.7	67.1#
67	0.0	67.4	101.2#
52	0.0	27.0	40.4#



#42
1,2-Dichloroethane
Concen: 0.024 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion: 62	Resp:	78	
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 0.008 ug/l

RT: 5.936 min Scan# 1445

Delta R.T. 0.051 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

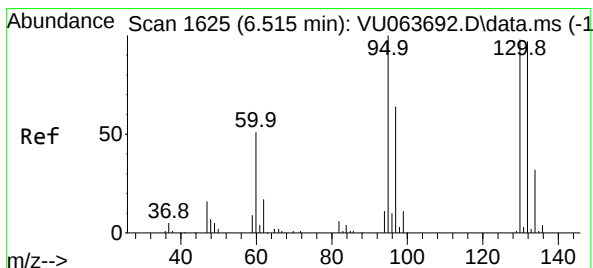
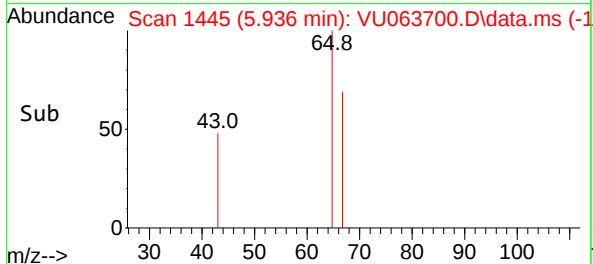
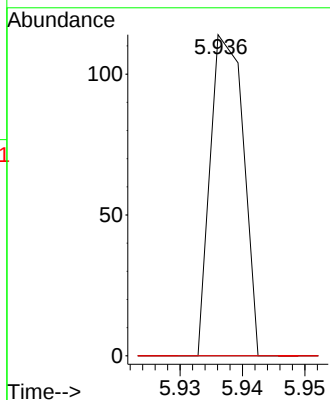
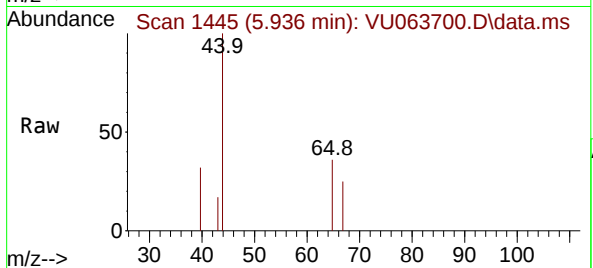
Instrument :

MSVOA_U

ClientSampleId :

VU1111WBL01

Tgt Ion: 43	Resp:	42
Ion Ratio	Lower	Upper
43	100	
61	0.0	15.9
87	0.0	11.0



#44

Trichloroethene

Concen: 0.148 ug/l

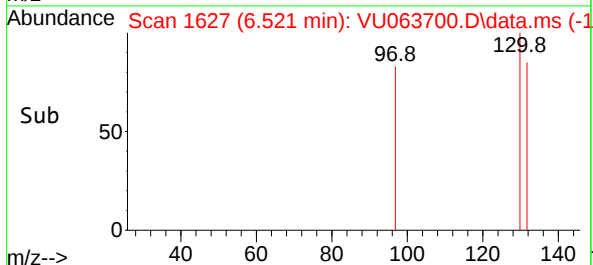
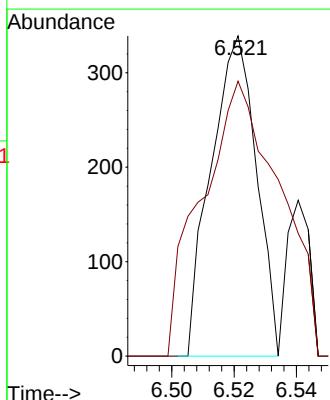
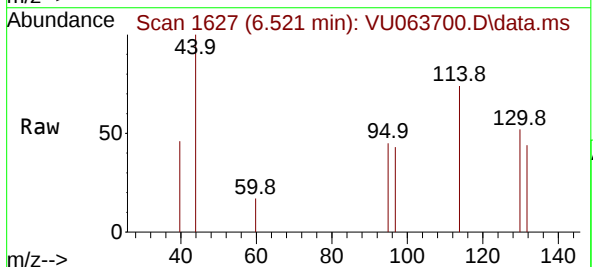
RT: 6.521 min Scan# 1627

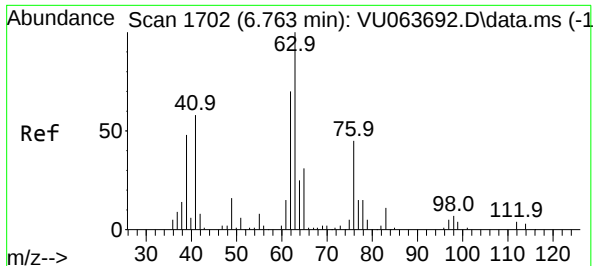
Delta R.T. 0.006 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

Tgt Ion: 130	Resp:	343
Ion Ratio	Lower	Upper
130	100	
95	51.6	0.0





#45

1,2-Dichloropropane

Concen: 0.033 ug/l

RT: 6.582 min Scan# 1

Delta R.T. -0.180 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

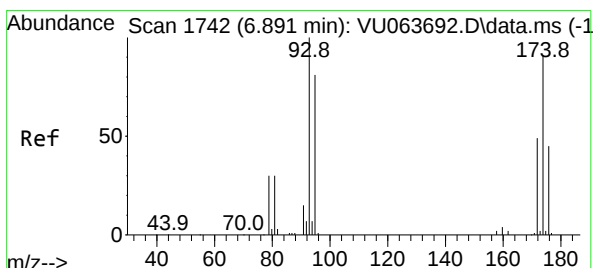
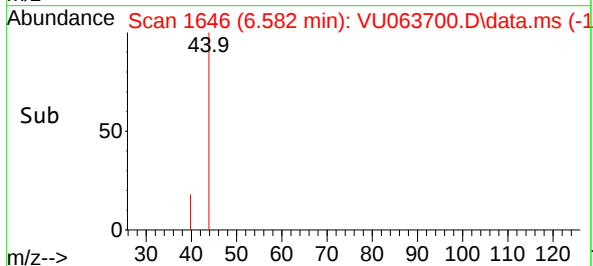
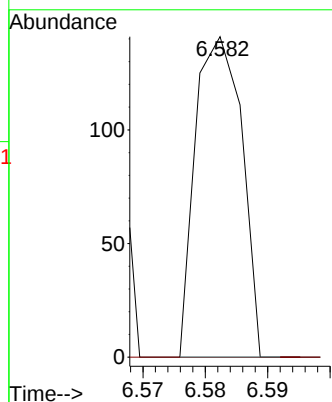
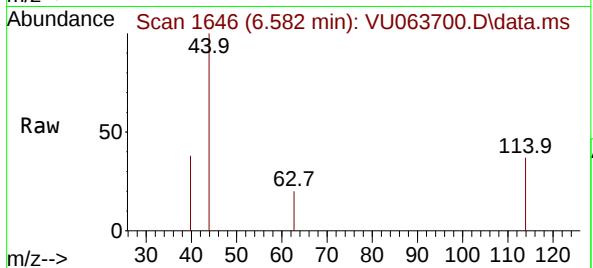
VU1111WBL01

Tgt Ion: 63 Resp: 73

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#46

Dibromomethane

Concen: 0.040 ug/l

RT: 6.897 min Scan# 1744

Delta R.T. 0.006 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

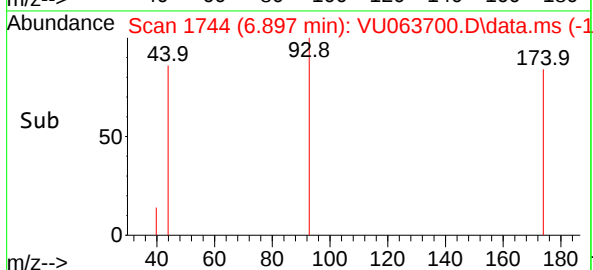
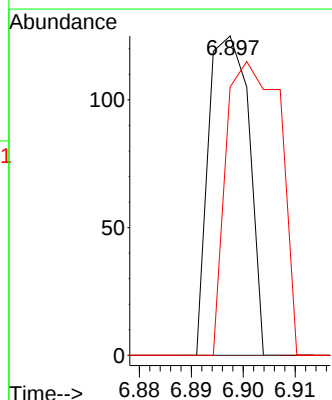
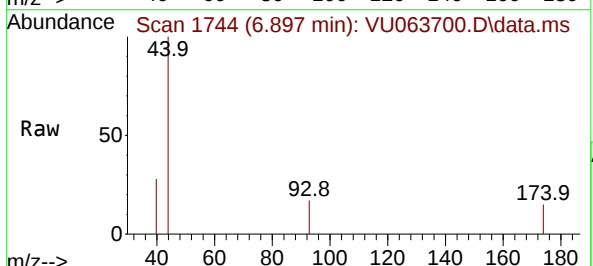
Tgt Ion: 93 Resp: 67

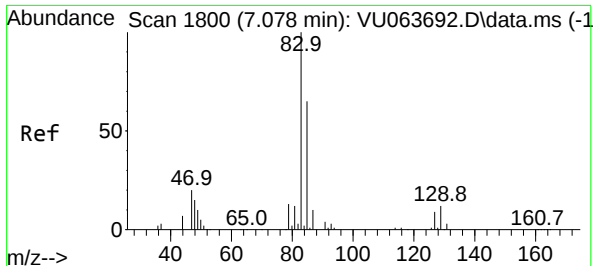
Ion Ratio Lower Upper

93 100

95 0.0 65.9 98.9#

174 123.9 74.9 112.3#





#47

Bromodichloromethane

Concen: 0.012 ug/l

RT: 7.071 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBL01

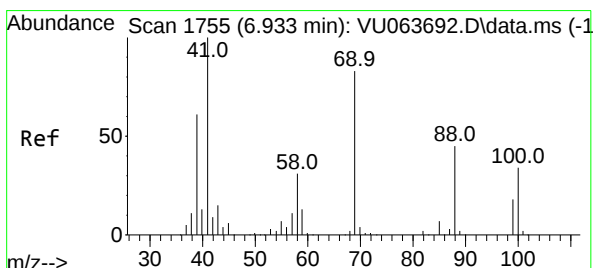
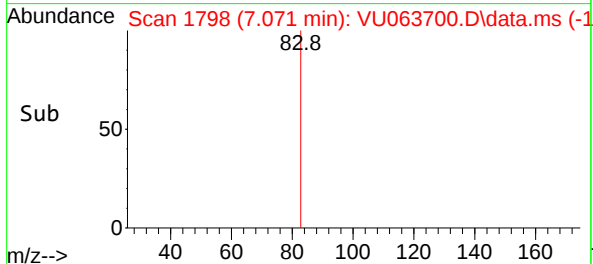
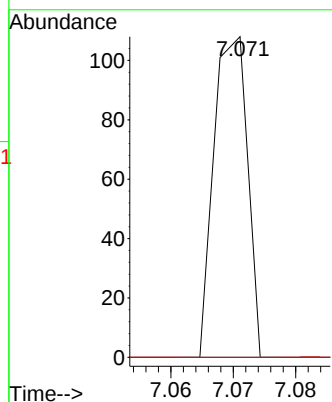
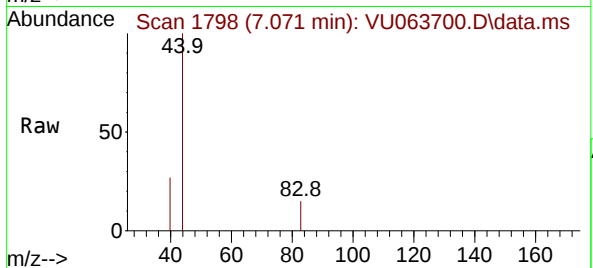
Tgt Ion: 83 Resp: 40

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

127 0.0 6.9 10.3#



#48

Methyl methacrylate

Concen: 0.015 ug/l

RT: 6.975 min Scan# 1768

Delta R.T. 0.042 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

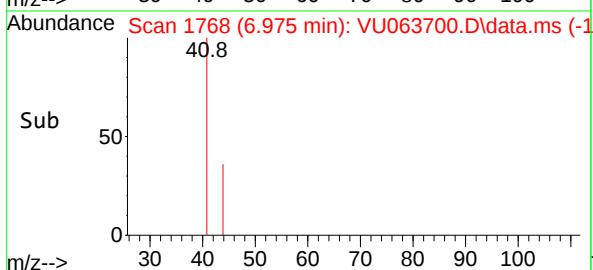
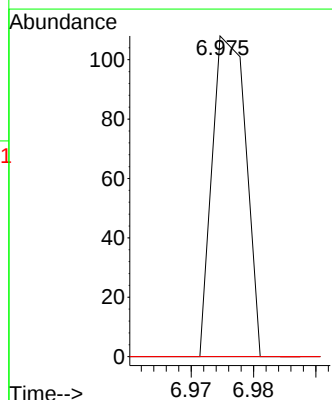
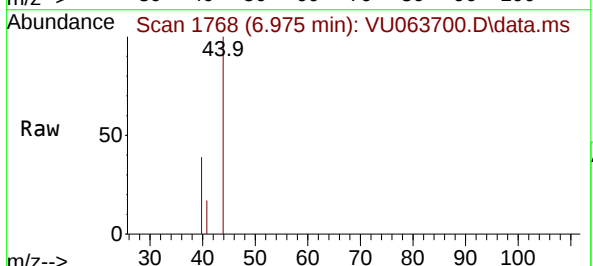
Tgt Ion: 41 Resp: 40

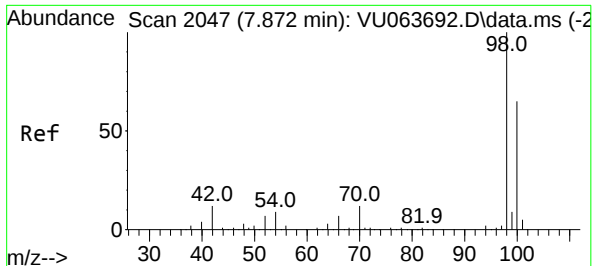
Ion Ratio Lower Upper

41 100

69 0.0 72.9 109.3#

39 0.0 51.0 76.4#

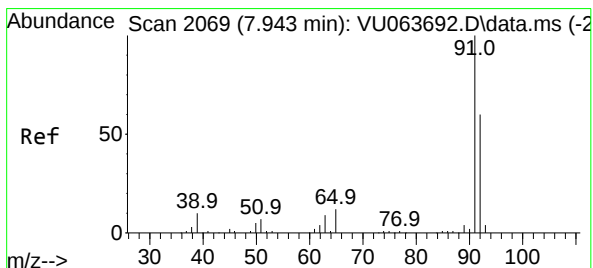
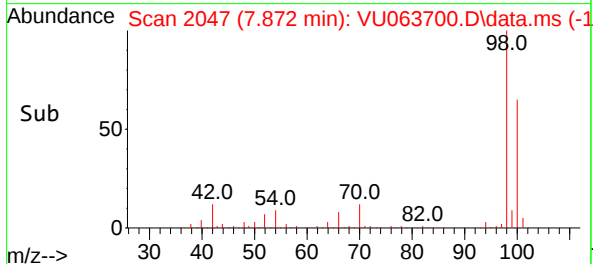
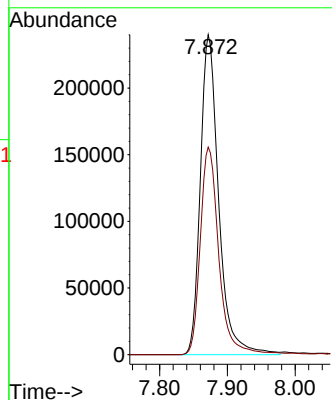
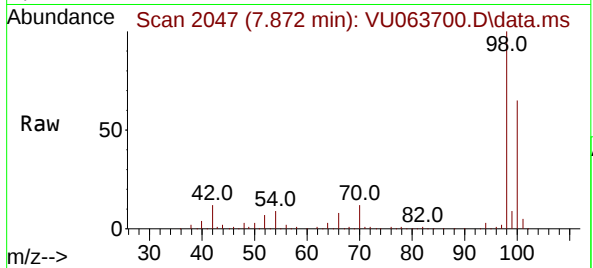




#50
Toluene-d8
Concen: 49.979 ug/l
RT: 7.872 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

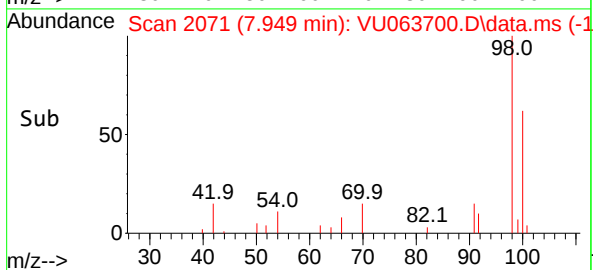
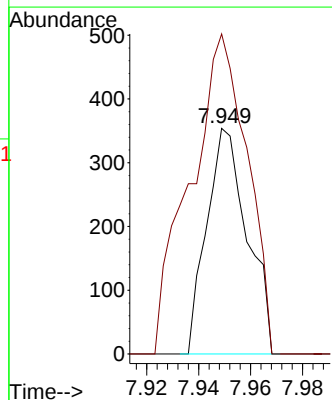
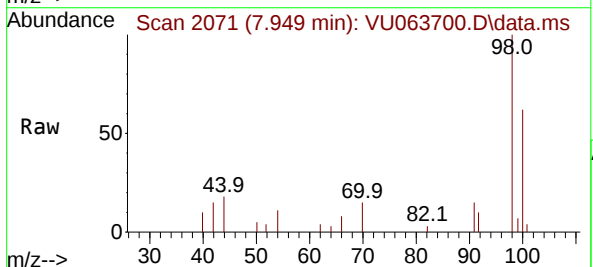
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

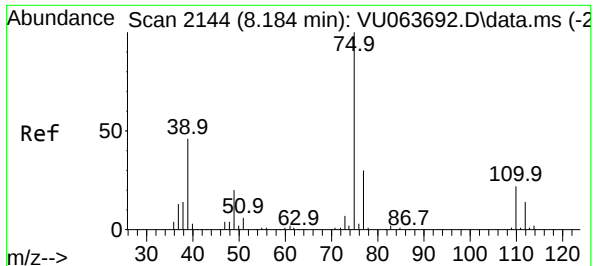
Tgt Ion: 98 Resp: 451293
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#52
Toluene
Concen: 0.072 ug/l
RT: 7.949 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion: 92 Resp: 384
Ion Ratio Lower Upper
92 100
91 199.2 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 0.108 ug/l

RT: 8.196 min Scan# 2148

Delta R.T. 0.013 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

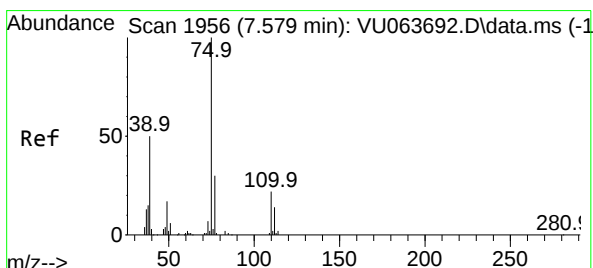
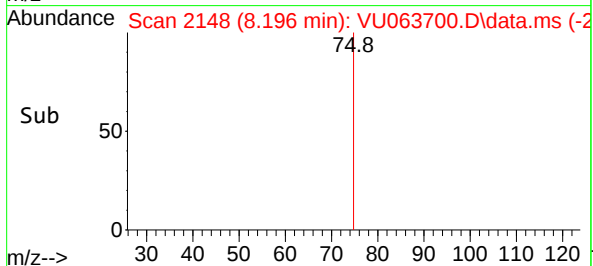
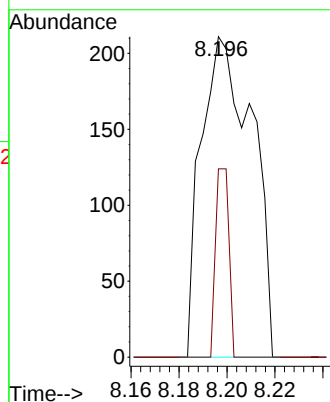
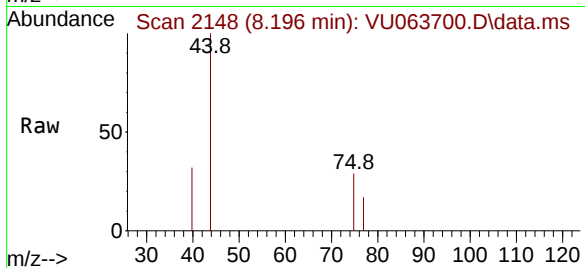
VU1111WBL01

Tgt Ion: 75 Resp: 310

Ion Ratio Lower Upper

75 100

77 58.8 24.3 36.5#



#54

cis-1,3-Dichloropropene

Concen: 0.067 ug/l

RT: 7.586 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

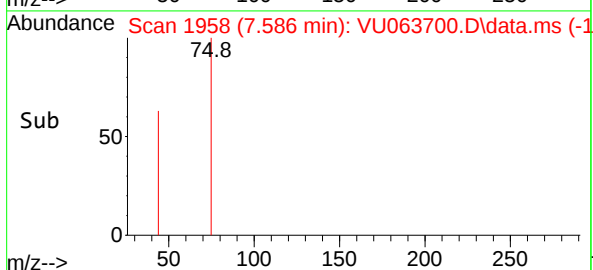
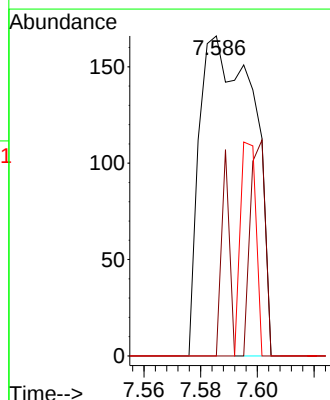
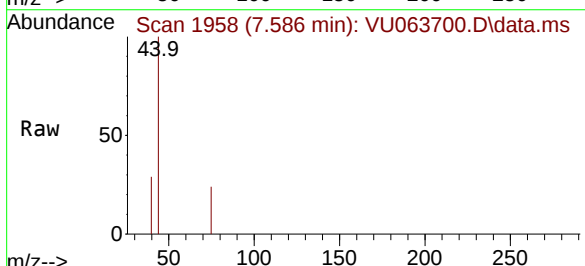
Tgt Ion: 75 Resp: 217

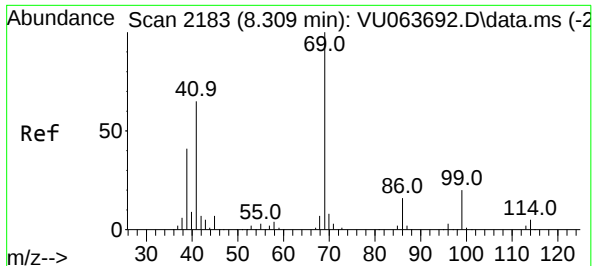
Ion Ratio Lower Upper

75 100

77 0.0 24.3 36.5#

39 0.0 40.2 60.2#

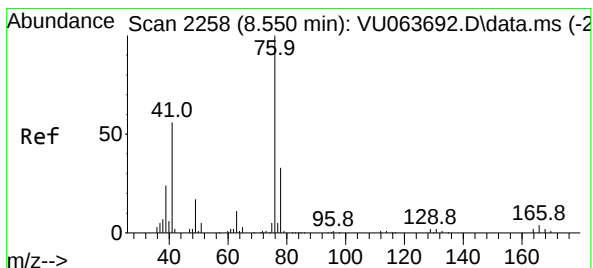
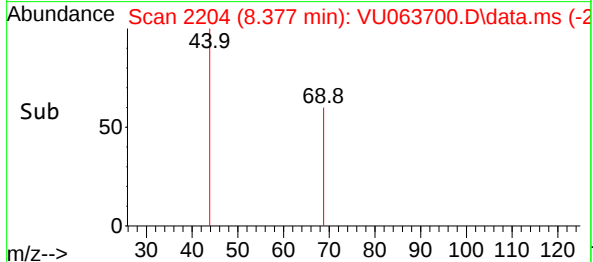
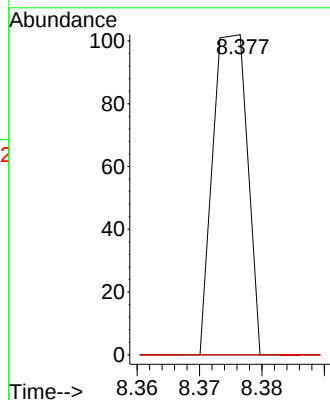
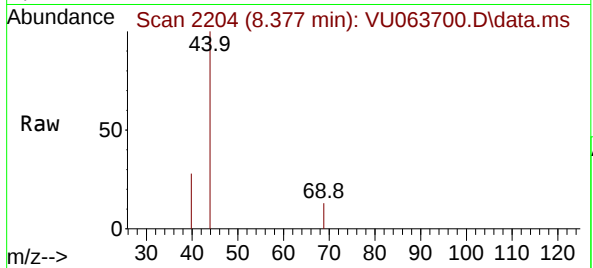




#56
Ethyl methacrylate
Concen: 0.011 ug/l
RT: 8.377 min Scan# 2183
Delta R.T. 0.067 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

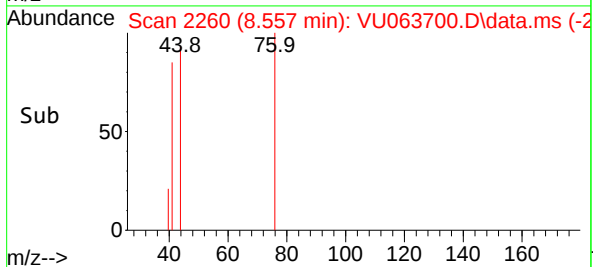
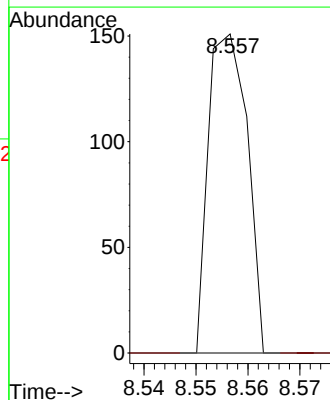
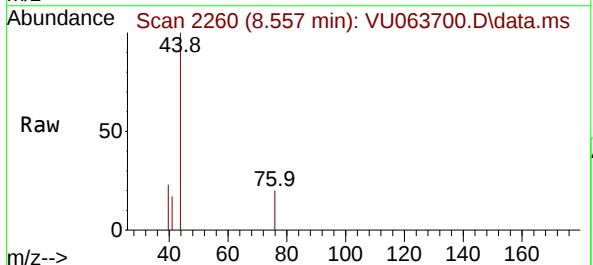
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

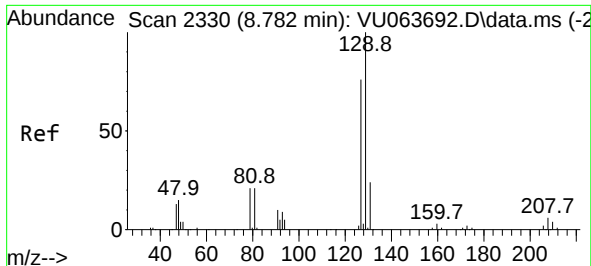
Tgt Ion: 69 Resp: 39
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.2#
39 0.0 32.2 48.4#



#57
1,3-Dichloropropane
Concen: 0.020 ug/l
RT: 8.557 min Scan# 2260
Delta R.T. 0.006 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion: 76 Resp: 79
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.4#

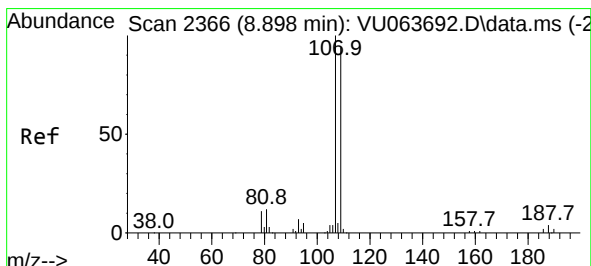
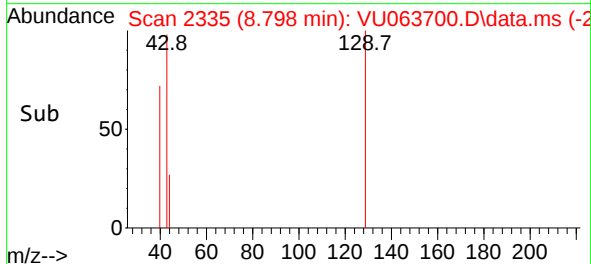
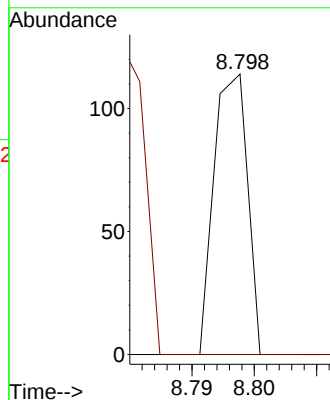
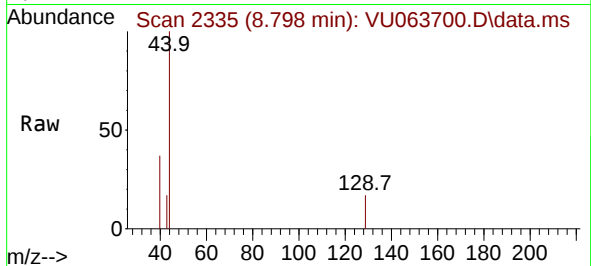




#60
Dibromochloromethane
Concen: 0.016 ug/l
RT: 8.798 min Scan# 211
Delta R.T. 0.016 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

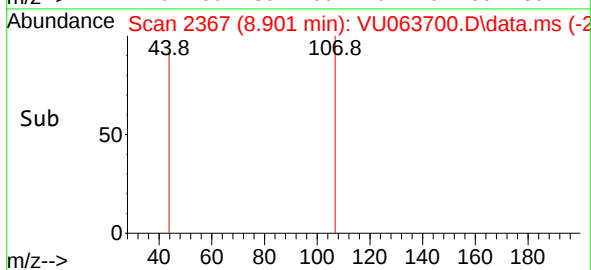
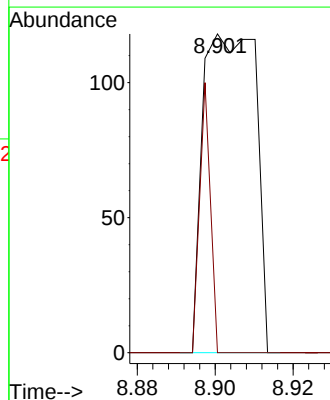
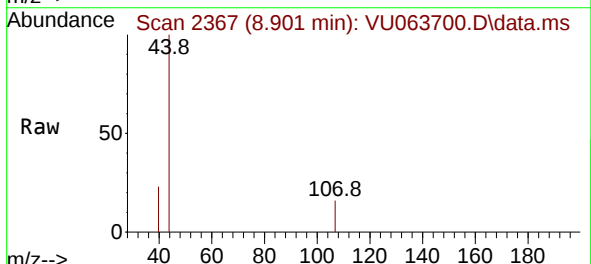
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

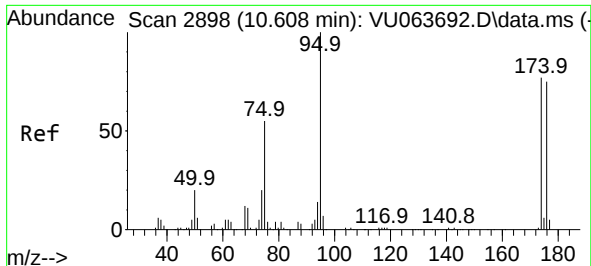
Tgt Ion:129 Resp: 42
Ion Ratio Lower Upper
129 100
127 157.1 38.2 114.6#



#61
1,2-Dibromoethane
Concen: 0.046 ug/l
RT: 8.901 min Scan# 2367
Delta R.T. 0.003 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion:107 Resp: 110
Ion Ratio Lower Upper
107 100
109 17.3 73.8 110.8#

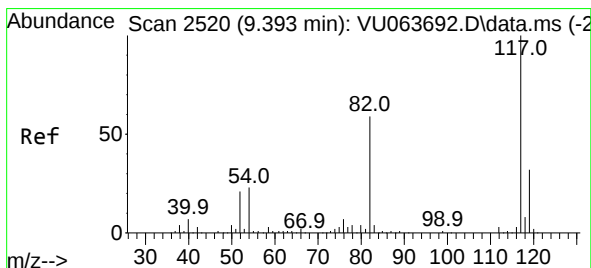
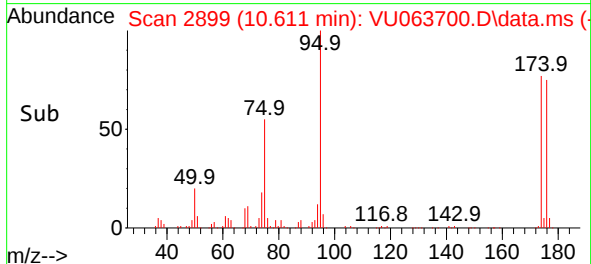
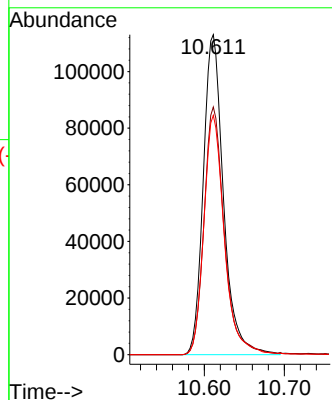
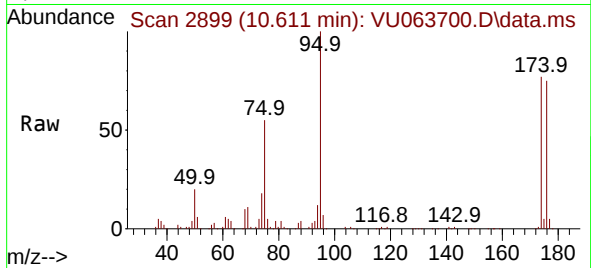




#62
4-Bromofluorobenzene
Concen: 53.173 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

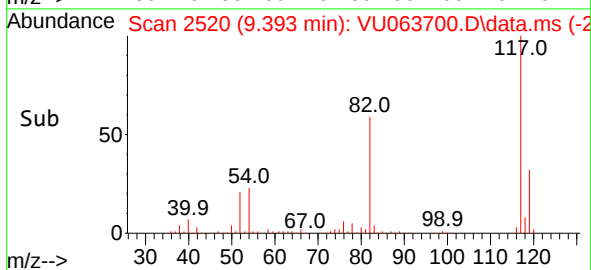
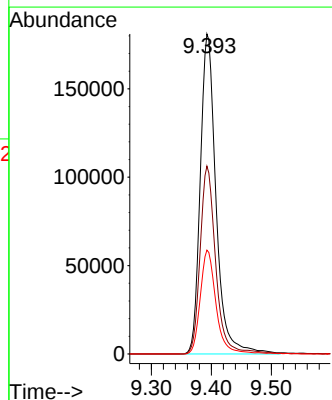
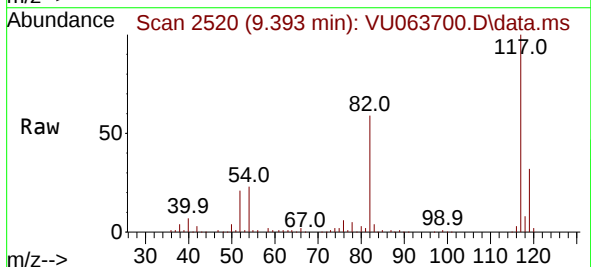
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

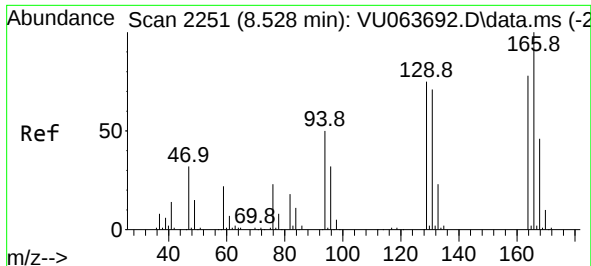
Tgt Ion: 95 Resp: 198616
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 76.1 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion: 117 Resp: 332447
Ion Ratio Lower Upper
117 100
82 58.7 46.9 70.3
119 32.5 25.8 38.8

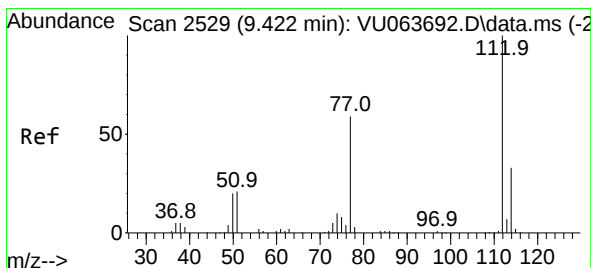
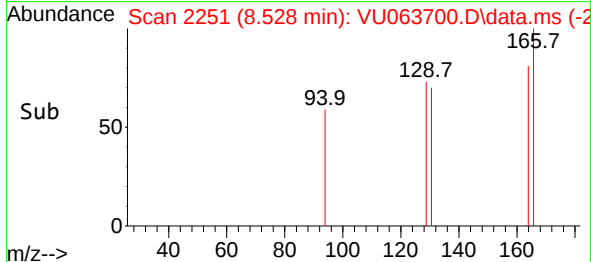
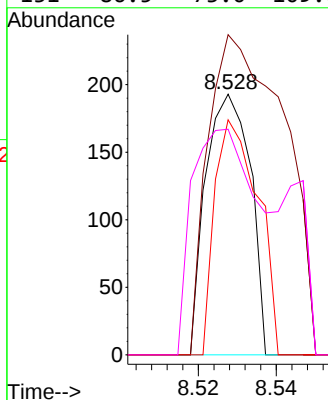
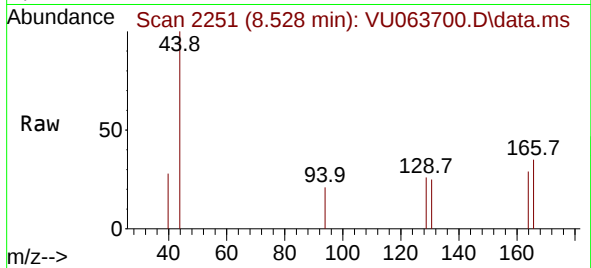




#64
Tetrachloroethene
Concen: 0.071 ug/l
RT: 8.528 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

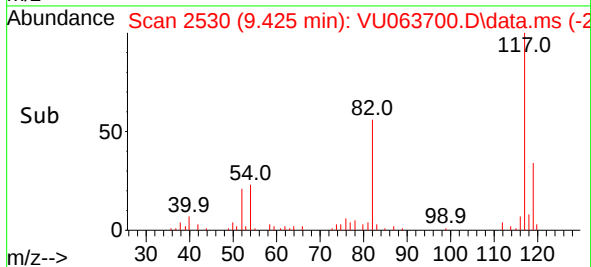
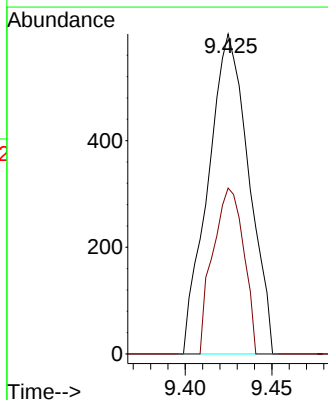
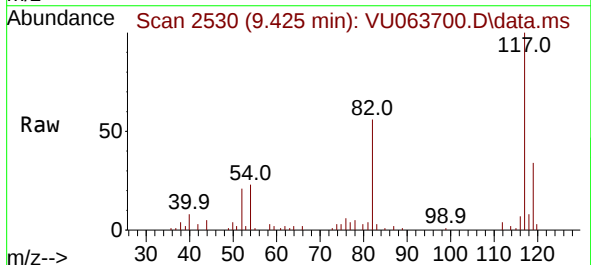
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

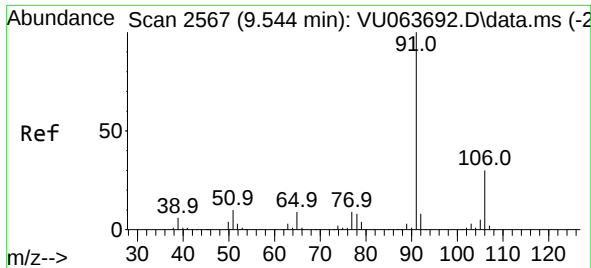
Tgt Ion:164	Resp:	153
Ion	Ratio	Lower Upper
164	100	
166	122.8	102.5 153.7
129	90.2	77.1 115.7
131	86.5	73.0 109.6



#65
Chlorobenzene
Concen: 0.151 ug/l
RT: 9.425 min Scan# 2530
Delta R.T. 0.003 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion:112	Resp:	980
Ion	Ratio	Lower Upper
112	100	
114	51.8	26.2 39.2#

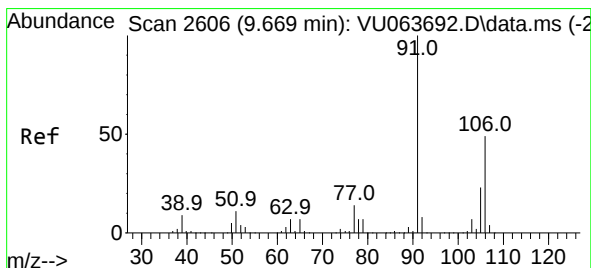
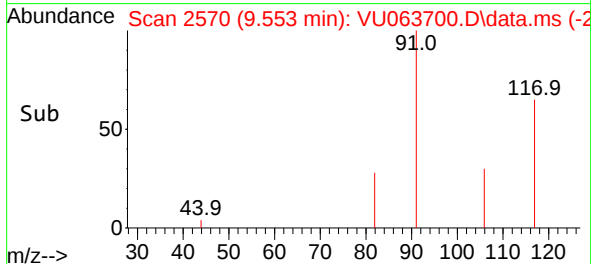
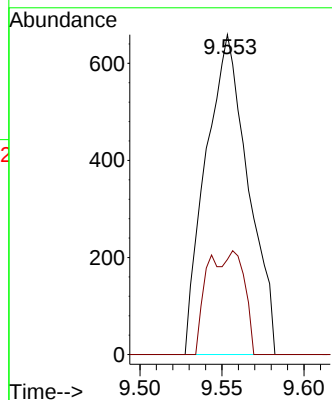
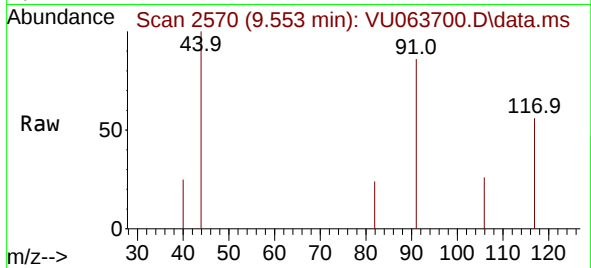




#67
Ethyl Benzene
Concen: 0.109 ug/l
RT: 9.553 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

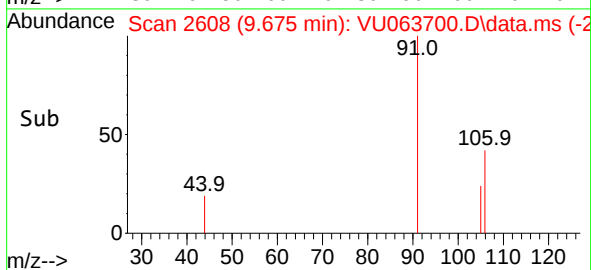
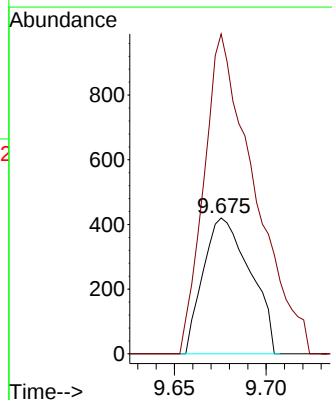
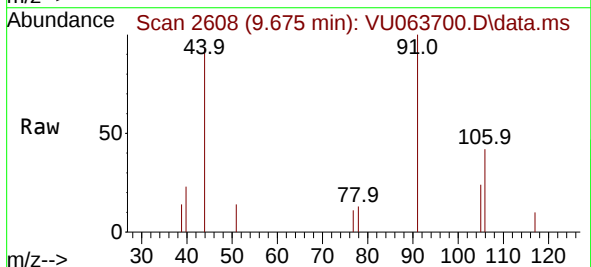
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

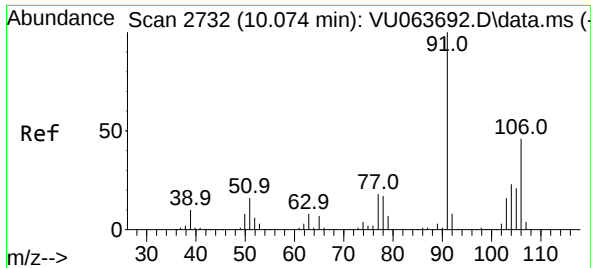
Tgt Ion: 91 Resp: 1181
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.8



#68
m/p-Xylenes
Concen: 0.188 ug/l
RT: 9.675 min Scan# 2608
Delta R.T. 0.006 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion: 106 Resp: 750
Ion Ratio Lower Upper
106 100
91 251.9 165.7 248.5#

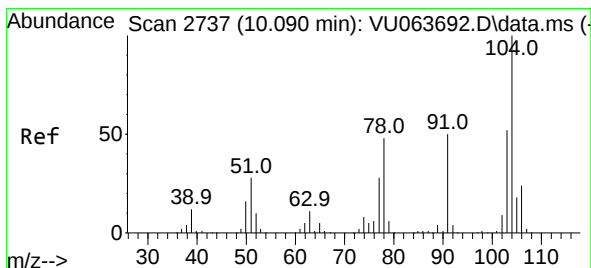
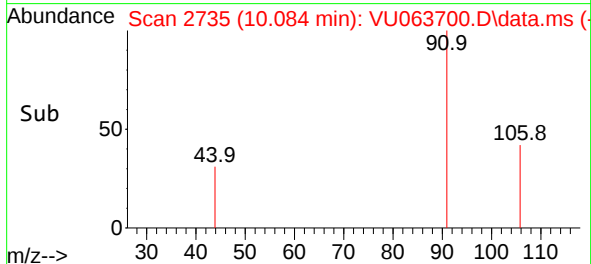
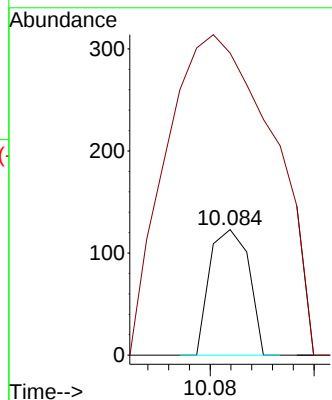
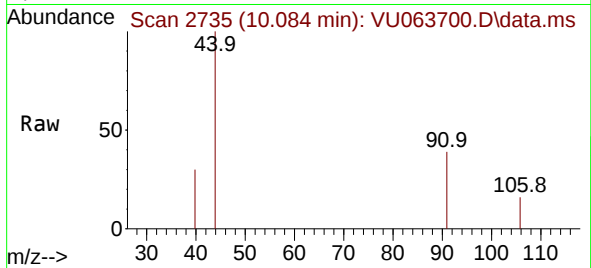




#69
o-Xylene
Concen: 0.016 ug/l
RT: 10.084 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

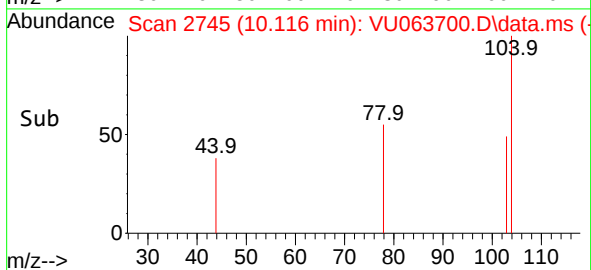
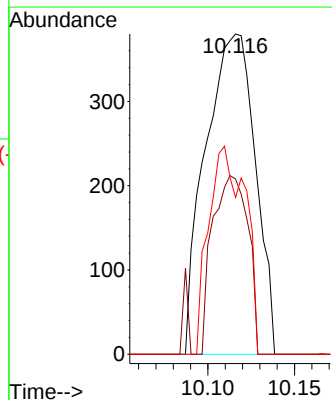
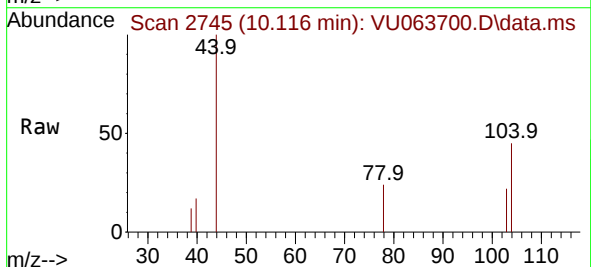
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

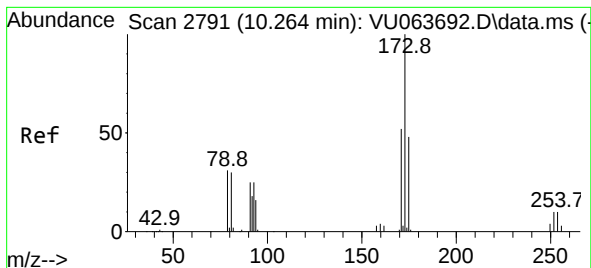
Tgt Ion:106 Resp: 64
Ion Ratio Lower Upper
106 100
91 698.4 108.7 325.9#



#70
Styrene
Concen: 0.115 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.026 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion:104 Resp: 760
Ion Ratio Lower Upper
104 100
78 39.7 42.7 64.1#
103 47.8 44.0 66.0





#71

Bromoform

Concen: 0.101 ug/l

RT: 10.280 min Scan# 21

Delta R.T. 0.016 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBL01

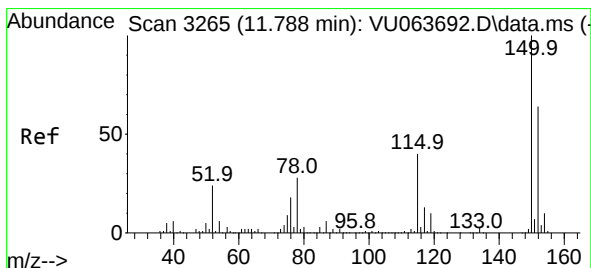
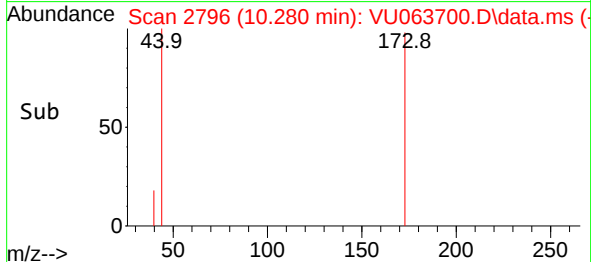
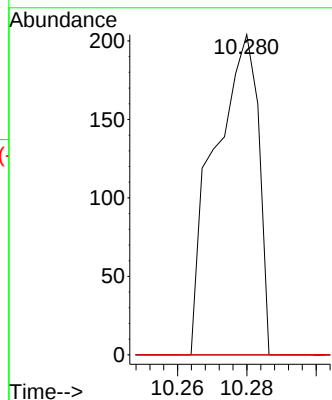
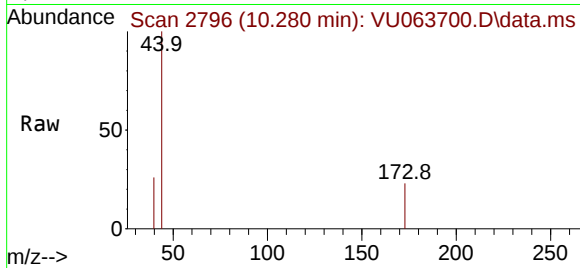
Tgt Ion:173 Resp: 180

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

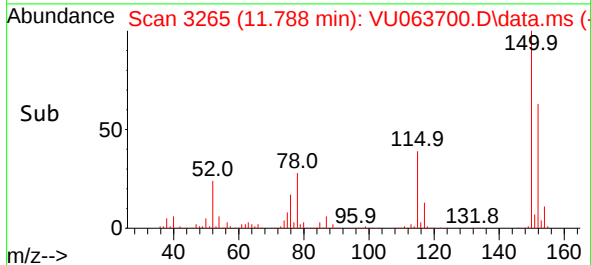
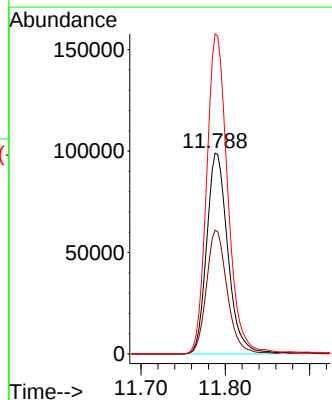
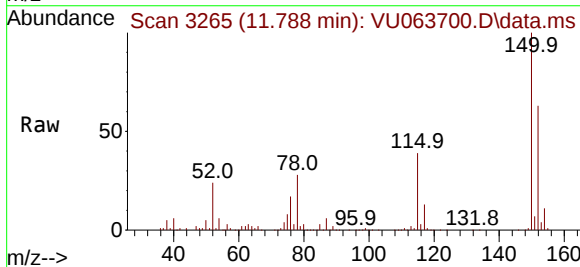
Tgt Ion:152 Resp: 173387

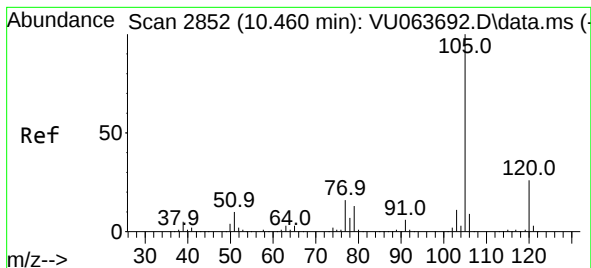
Ion Ratio Lower Upper

152 100

115 60.5 41.0 123.0

150 158.3 0.0 342.2





#73

Isopropylbenzene

Concen: 0.071 ug/l

RT: 10.460 min Scan# 2852

Delta R.T. -0.000 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

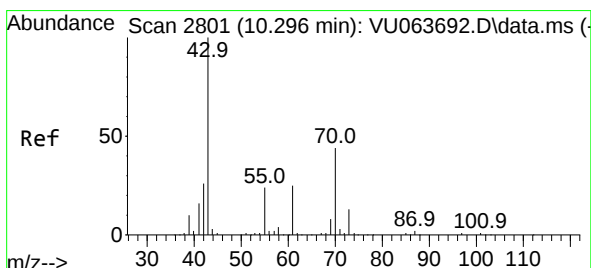
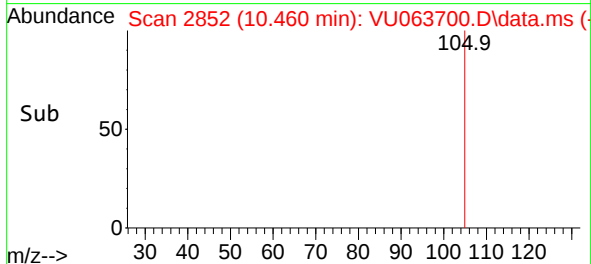
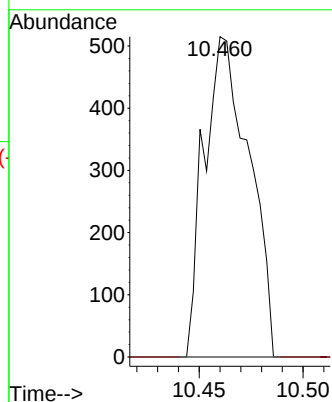
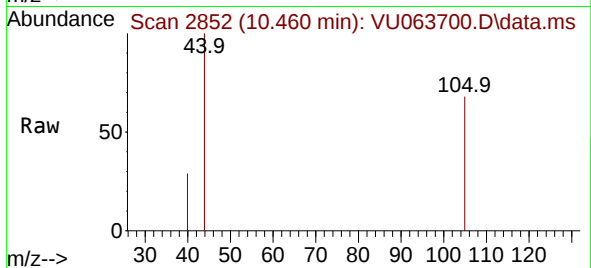
VU1111WBL01

Tgt Ion:105 Resp: 776

Ion Ratio Lower Upper

105 100

120 0.0 13.0 38.9#



#74

N-ethyl acetate

Concen: 0.144 ug/l

RT: 10.341 min Scan# 2815

Delta R.T. 0.045 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

Tgt Ion: 43 Resp: 546

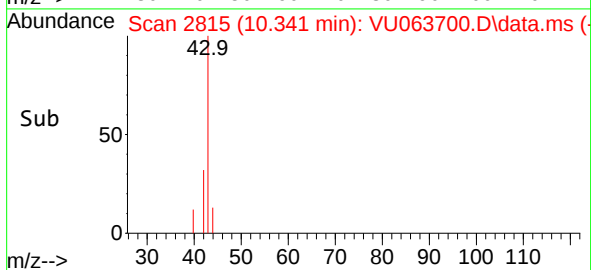
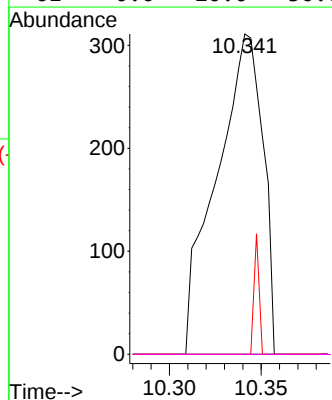
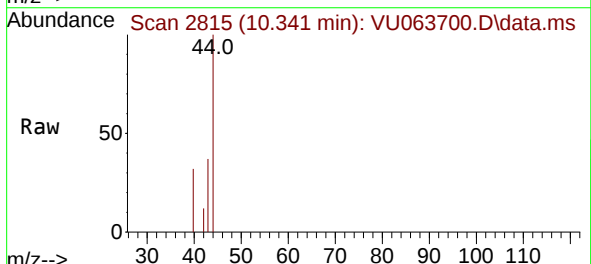
Ion Ratio Lower Upper

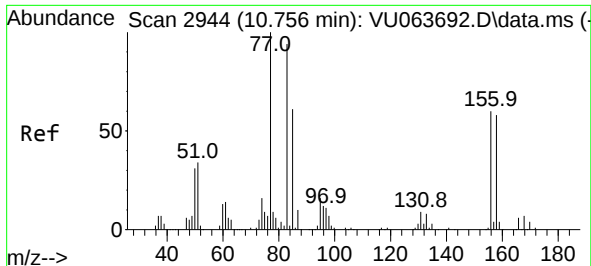
43 100

70 0.0 36.5 54.7#

55 4.2 20.6 30.8#

61 0.0 20.0 30.0#

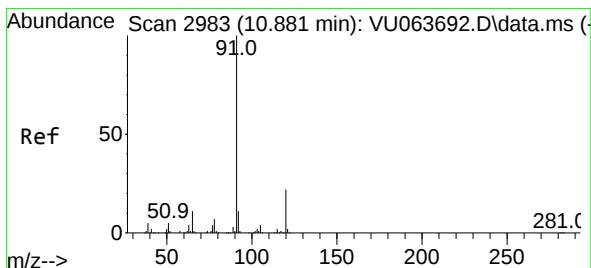
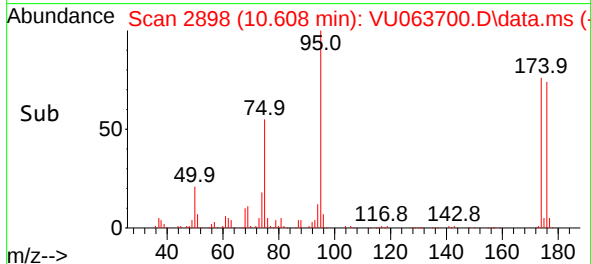
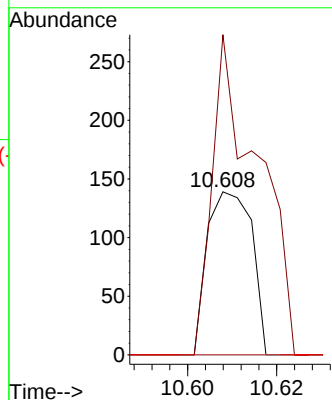
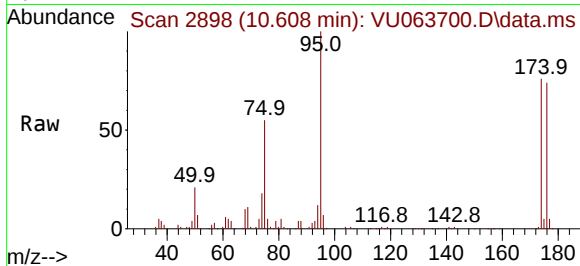




#75
1,1,2,2-Tetrachloroethane
Concen: 0.023 ug/l
RT: 10.608 min Scan# 21
Delta R.T. -0.148 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

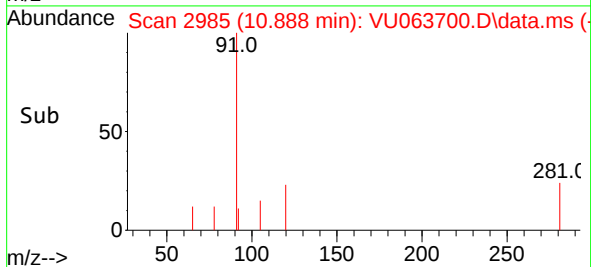
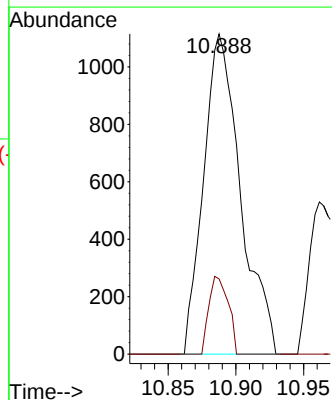
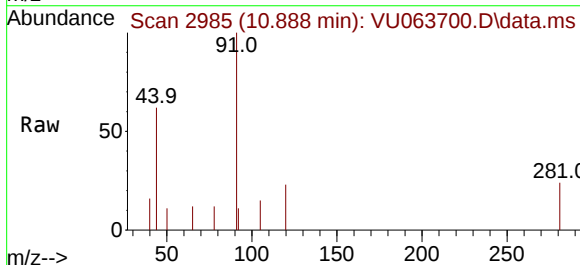
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

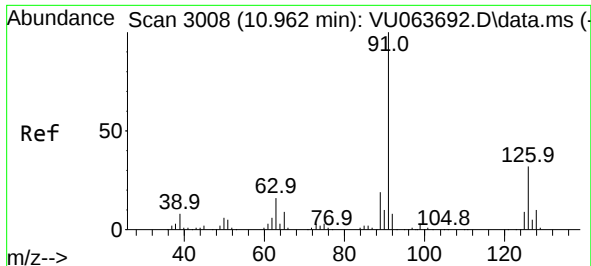
Tgt Ion: 83 Resp: 96
Ion Ratio Lower Upper
83 100
131 203.1 4.8 14.4#
85 0.0 31.9 95.7#



#78
n-propylbenzene
Concen: 0.169 ug/l
RT: 10.888 min Scan# 2985
Delta R.T. 0.006 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion: 91 Resp: 2118
Ion Ratio Lower Upper
91 100
120 12.7 11.2 33.6

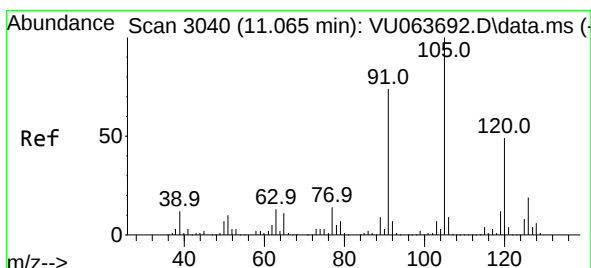
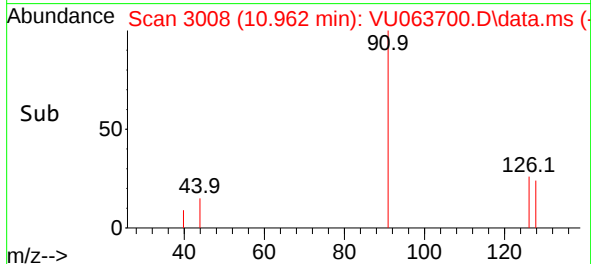
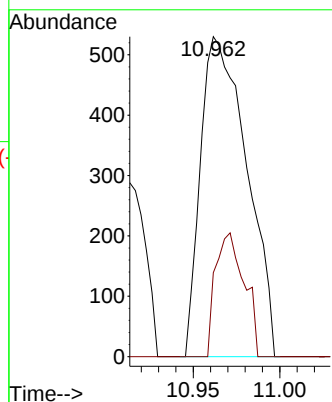
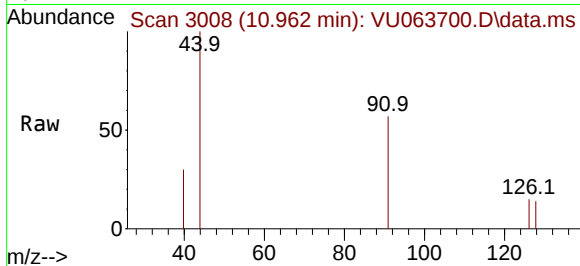




#79
2-Chlorotoluene
Concen: 0.122 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

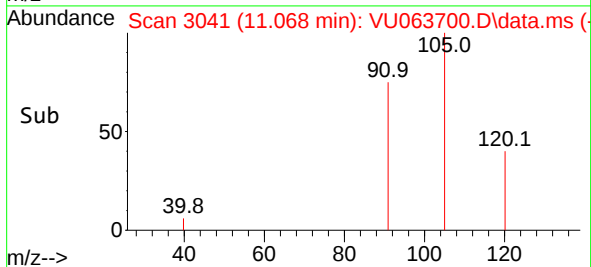
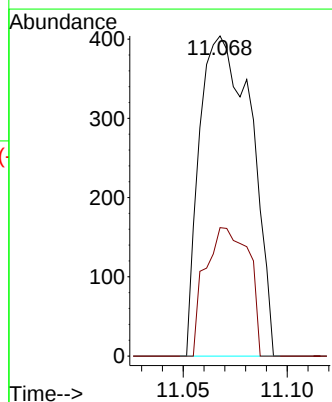
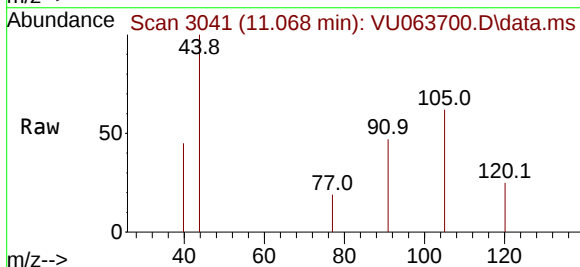
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

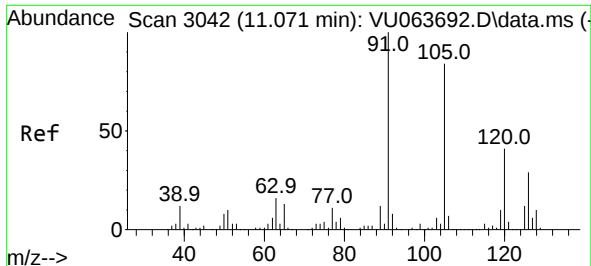
Tgt Ion: 91 Resp: 984
Ion Ratio Lower Upper
91 100
126 24.0 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 0.076 ug/l
RT: 11.068 min Scan# 3041
Delta R.T. 0.003 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion: 105 Resp: 697
Ion Ratio Lower Upper
105 100
120 33.7 24.1 72.2

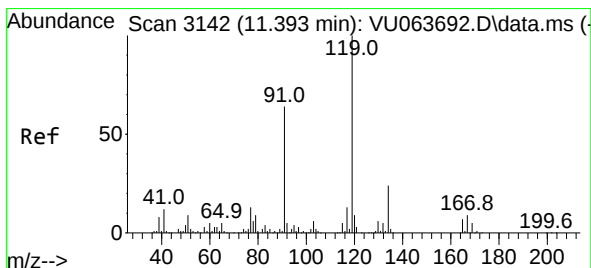
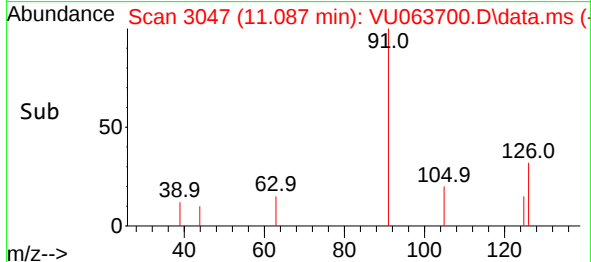
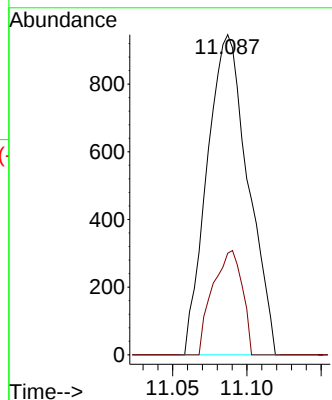
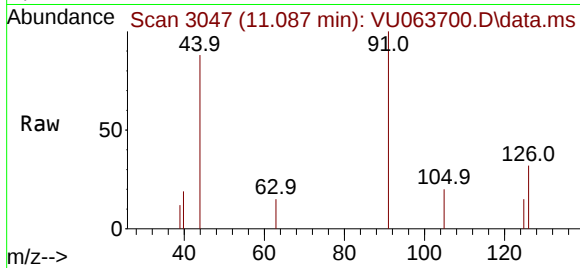




#82
4-Chlorotoluene
Concen: 0.198 ug/l
RT: 11.087 min Scan# 3042
Delta R.T. 0.016 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

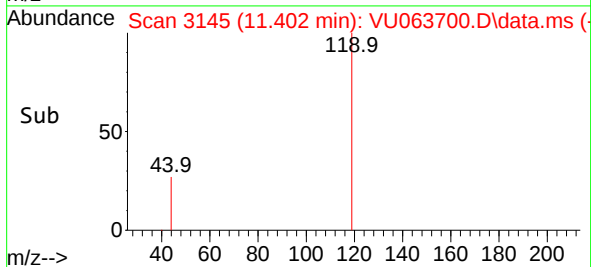
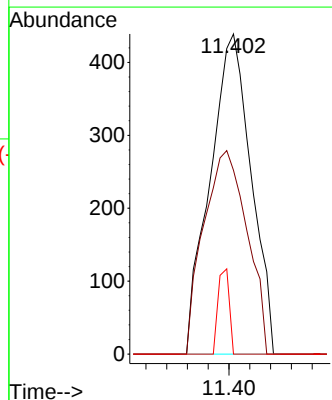
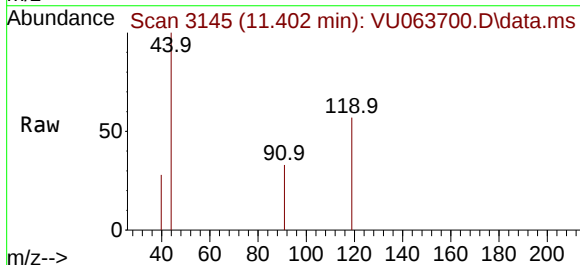
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

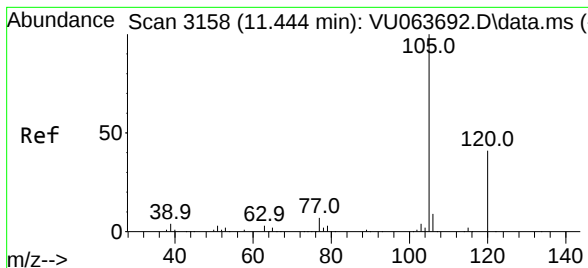
Tgt Ion: 91 Resp: 1819
Ion Ratio Lower Upper
91 100
126 23.3 14.2 42.8



#83
tert-Butylbenzene
Concen: 0.063 ug/l
RT: 11.402 min Scan# 3145
Delta R.T. 0.009 min
Lab File: VU063700.D
Acq: 11 Nov 2025 12:08

Tgt Ion: 119 Resp: 603
Ion Ratio Lower Upper
119 100
91 67.3 30.8 92.3
134 7.1 11.9 35.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.079 ug/l

RT: 11.447 min Scan# 3159

Delta R.T. 0.003 min

Lab File: VU063700.D

Acq: 11 Nov 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

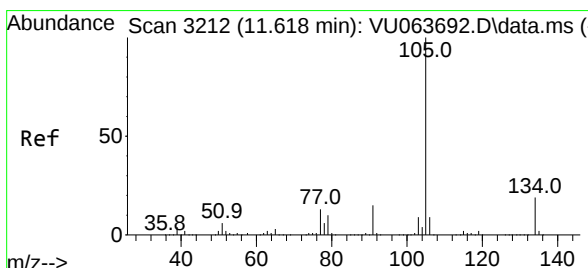
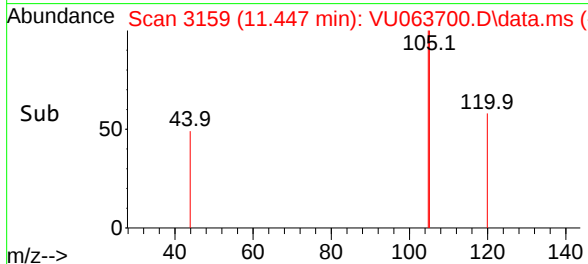
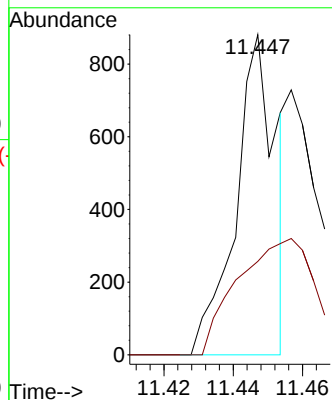
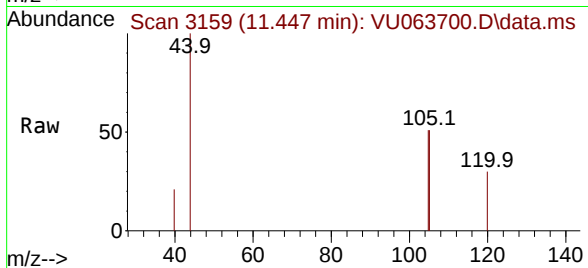
VU1111WBL01

Tgt Ion:105 Resp: 707

Ion Ratio Lower Upper

105 100

120 67.5 22.4 67.3#



#85

sec-Butylbenzene

Concen: 0.132 ug/l

RT: 11.621 min Scan# 3213

Delta R.T. 0.003 min

Lab File: VU063700.D

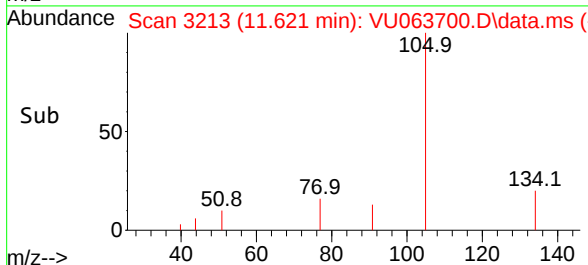
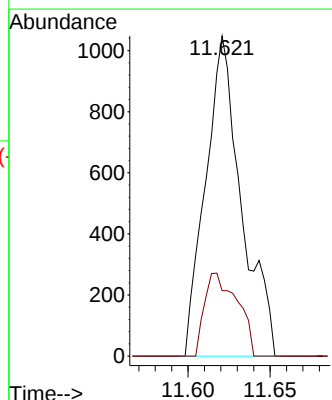
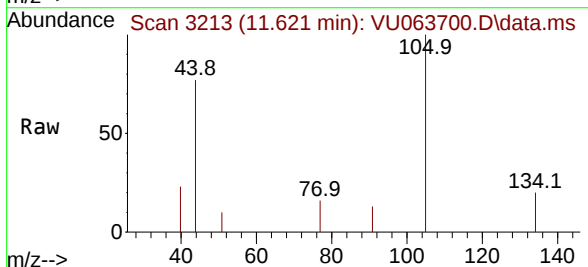
Acq: 11 Nov 2025 12:08

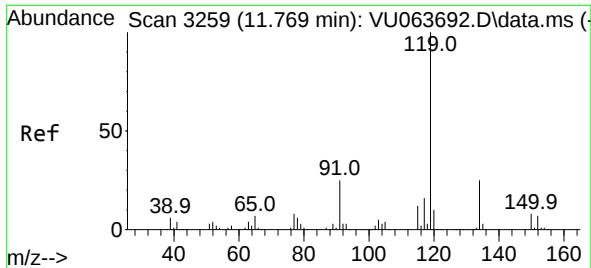
Tgt Ion:105 Resp: 1583

Ion Ratio Lower Upper

105 100

134 23.7 9.8 29.4





#86
 p-Isopropyltoluene
 Concen: 0.140 ug/l
 RT: 11.769 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063700.D
 Acq: 11 Nov 2025 12:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBL01

Tgt Ion:119 Resp: 1346
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.6 37.6#
 91 3.8 12.6 37.8#

