

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062325\
 Data File : VU063428.D
 Acq On : 23 Jun 2025 17:06
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU062325

Quant Time: Jun 24 05:15:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 05:06:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	53991	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	21711	1.095	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	19353	0.972	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	139260	6.715	ug/l	100
3) Chloromethane	1.518	50	215850	7.901	ug/l	99
4) Vinyl Chloride	1.599	62	181031	7.739	ug/l	100
5) Bromomethane	1.846	94	90863	8.107	ug/l	99
6) Chloroethane	1.924	64	103919	7.500	ug/l	99
7) Trichlorofluoromethane	2.126	101	231086	8.663	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	133844	9.419	ug/l	96
9) 1,1-Dichloroethene	2.567	96	141497	9.980	ug/l	95
10) Iodomethane	2.708	142	142863	12.484	ug/l	100
11) Allyl Chloride	2.907	41	252314	9.992	ug/l	95
12) Acrylonitrile	3.306	53	217383	53.073	ug/l	97
13) Acetone	2.621	43	138370	36.130	ug/l	99
14) Carbon Disulfide	2.776	76	489327	9.898	ug/l	99
15) Methylene Chloride	3.026	84	161001	8.959	ug/l	94
16) trans-1,2-Dichloroethene	3.335	96	163517	10.251	ug/l	97
17) 1,1-Dichloroethane	3.846	63	349345	10.430	ug/l	99
18) 2-Butanone	4.718	43	263073	46.022	ug/l	99
19) Cyclohexane	5.361	56	275187	10.860	ug/l	99
20) Methylcyclohexane	6.747	83	272693	11.591	ug/l	97
21) 2,2-Dichloropropane	4.644	77	239263	10.051	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	188959	10.853	ug/l	98
23) Diethyl Ether	2.370	59	105170	8.222	ug/l	93
24) tert-Butyl Alcohol	3.197	59	61846	45.896	ug/l	97
25) Methyl tert-Butyl Ether	3.361	73	414660	10.755	ug/l	100
26) Bromochloromethane	4.956	128	70583	10.416	ug/l	87
27) Chloroform	5.071	83	333435	10.619	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	269917	10.602	ug/l	99
29) 1,1-Dichloropropene	5.505	75	232683	10.004	ug/l	98
30) Carbon Tetrachloride	5.502	117	219911	10.815	ug/l	100
31) Isopropyl Ether	3.994	45	559450	10.692	ug/l #	1
33) Tert-Amyl methyl ether	5.756	73	11759	0.370	ug/l #	1
34) Propionitrile	4.779	54	167842	101.506	ug/l	99
35) Benzene	5.756	78	758740	10.784	ug/l	99
36) 1,2-Dichloroethane	5.785	62	199524	9.701	ug/l	100
37) Trichloroethene	6.531	130	164983	9.923	ug/l	98
38) 1,2-Dichloropropane	6.782	63	201756	10.383	ug/l	100
39) Methacrylonitrile	4.972	41	57586	8.371	ug/l	94
40) Methyl acrylate	4.849	55	104375	10.805	ug/l #	97
41) Tetrahydrofuran	5.065	42	157958	42.681	ug/l	95
42) 1-Chlorobutane	5.438	56	343249	10.403	ug/l	100
43) Dibromomethane	6.907	93	93959	10.351	ug/l	100
44) Bromodichloromethane	7.097	83	238860	10.803	ug/l	100
45) 4-Methyl-2-Pentanone	7.795	43	538372	55.253	ug/l	99

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 ALS Vial : 11 Sample Multiplier: 1

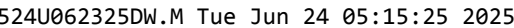
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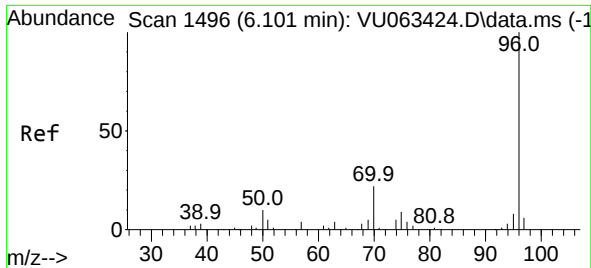
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 05:06:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.814	75	144568	45.137	ug/l #	34
47) Methyl methacrylate	6.965	69	80534	9.804	ug/l	96
48) Ethyl methacrylate	8.332	69	153677	10.000	ug/l	98
49) Toluene	7.962	92	455660	11.797	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	189158	11.863	ug/l	98
51) cis-1,3-Dichloropropene	7.599	75	241787	11.290	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	131028	9.874	ug/l	99
53) 1,3-Dichloropropane	8.566	76	232289	10.175	ug/l	99
54) 2-Hexanone	8.685	43	356851	47.244	ug/l	99
55) Dibromochloromethane	8.801	129	150766	11.013	ug/l	98
56) 1,2-Dibromoethane	8.917	107	109284	10.159	ug/l	99
58) Tetrachloroethene	8.544	164	170952	10.482	ug/l	99
59) Chlorobenzene	9.441	112	471976	11.414	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	148493	9.976	ug/l	99
61) Pentachloroethane	11.418	117	126930	10.467	ug/l	99
62) Hexachloroethane	12.467	117	118081	10.828	ug/l	97
63) Ethyl Benzene	9.563	91	822553	12.408	ug/l	99
64) m/p-Xylenes	9.685	106	667167	21.238	ug/l	98
65) o-Xylene	10.094	106	308269	12.240	ug/l	99
66) Styrene	10.107	104	525060	10.412	ug/l	99
67) Bromoform	10.280	173	80048	10.701	ug/l	99
69) Isopropylbenzene	10.476	105	816309	13.991	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	164306	9.680	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	144568	10.429	ug/l #	95
72) Bromobenzene	10.775	156	183543	11.207	ug/l	98
73) n-propylbenzene	10.897	120	220986	10.430	ug/l	95
74) 2-Chlorotoluene	10.978	126	193448	11.949	ug/l	94
75) 1,3,5-Trimethylbenzene	11.081	105	736912	10.587	ug/l	100
76) 4-Chlorotoluene	11.090	126	211375	12.465	ug/l	100
77) tert-Butylbenzene	11.412	119	643149	11.997	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	734002	10.383	ug/l	99
79) sec-Butylbenzene	11.634	105	927835	12.220	ug/l	100
80) Nitrobenzene	13.212	77	7053	10.100	ug/l #	98
81) p-Isopropyltoluene	11.785	119	766063	10.473	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	386661	11.397	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	399351	11.345	ug/l	99
84) n-Butylbenzene	12.200	91	767664	12.351	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	364173	11.216	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	24327	10.426	ug/l	96
87) 1,2,4-Trichlorobenzene	13.833	180	230949	12.757	ug/l	98
88) Hexachlorobutadiene	14.013	225	134947	10.514	ug/l	100
89) Naphthalene	14.081	128	392084	10.410	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	205894	11.438	ug/l	100

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

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QLast Update : Tue Jun 24 05:06:50 2025
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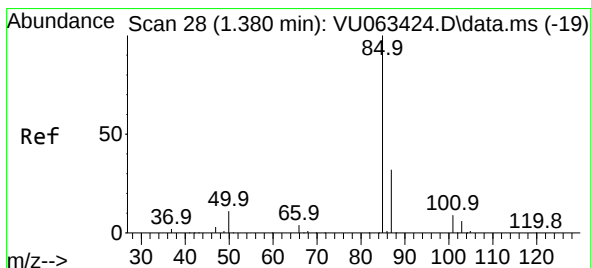
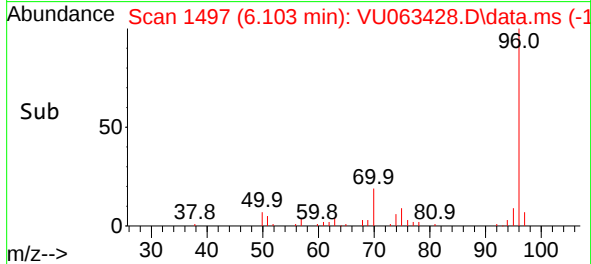
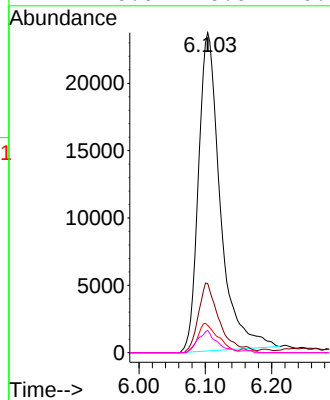
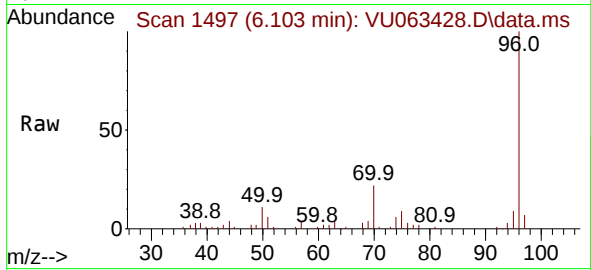




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 14
Delta R.T. 0.002 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

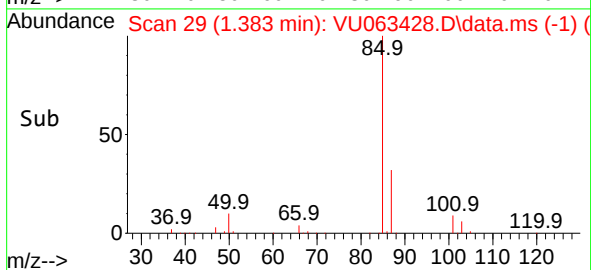
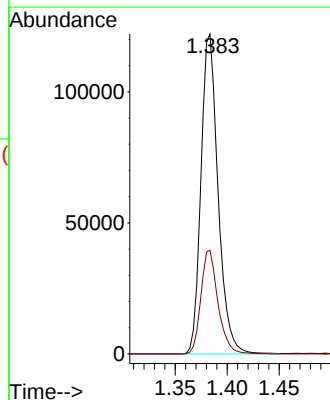
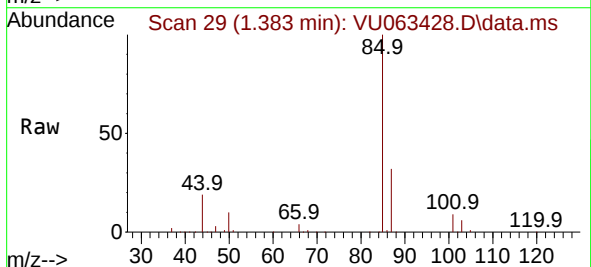
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

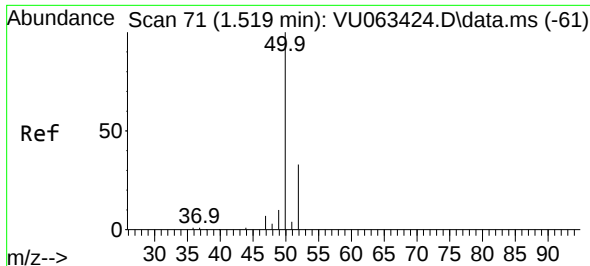
Tgt Ion: 96	Resp: 53991
Ion Ratio	Lower Upper
96 100	
70 18.4	16.4 24.6
95 8.0	6.2 9.2
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 6.715 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 85	Resp: 139260
Ion Ratio	Lower Upper
85 100	
87 32.5	16.2 48.5

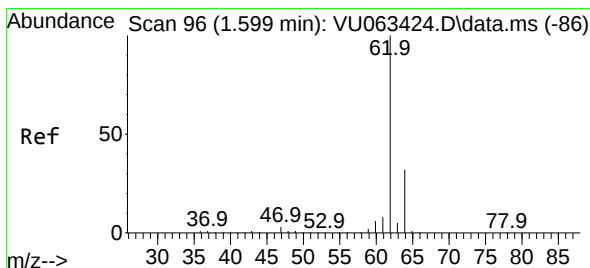
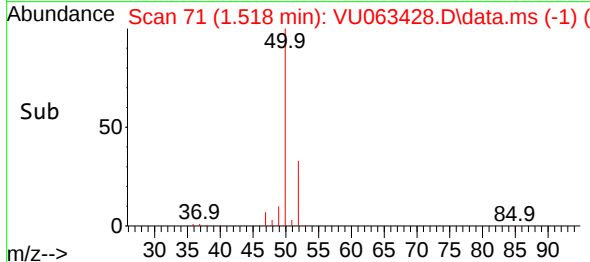
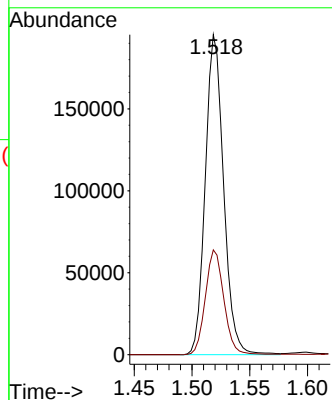
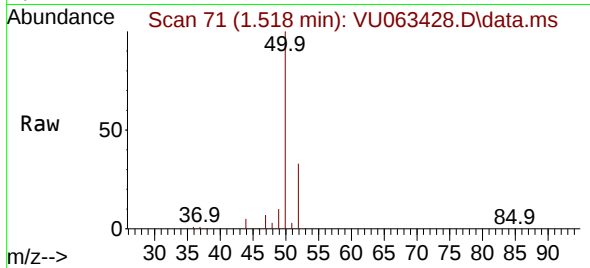




#3
Chloromethane
Concen: 7.901 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

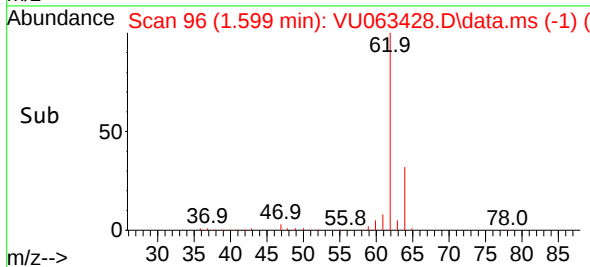
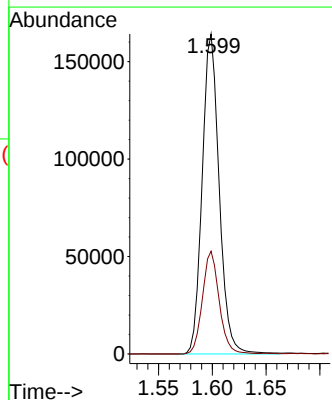
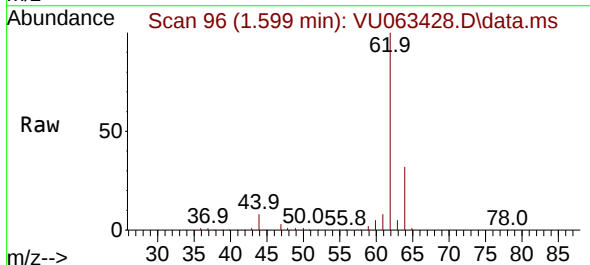
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ClientSampleId :
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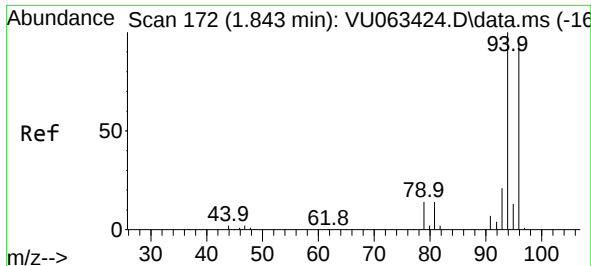
Tgt Ion: 50 Resp: 215850
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0



#4
Vinyl Chloride
Concen: 7.739 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 62 Resp: 181031
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5

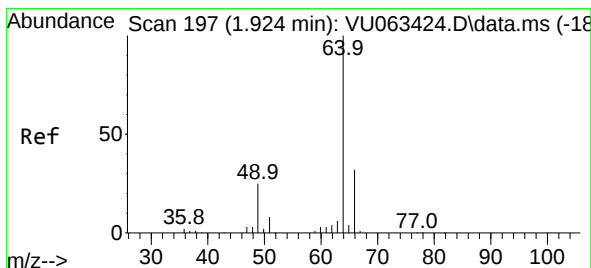
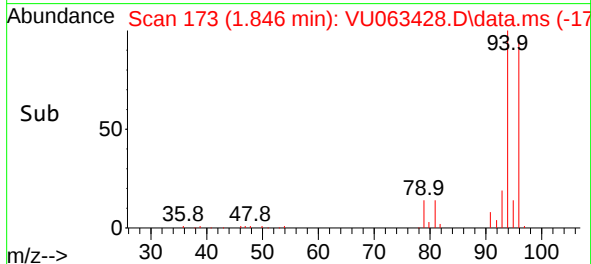
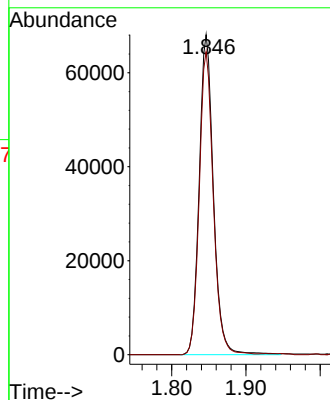
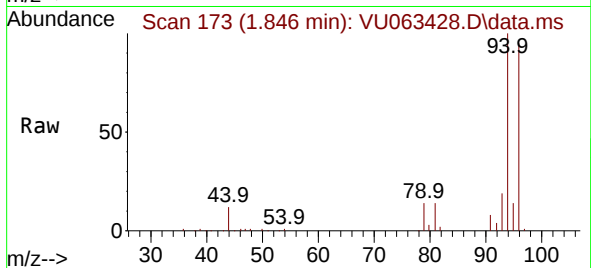




#5
Bromomethane
Concen: 8.107 ug/l
RT: 1.846 min Scan# 172
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

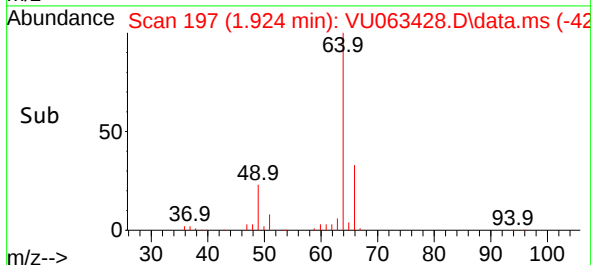
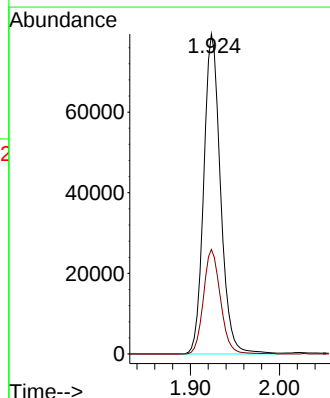
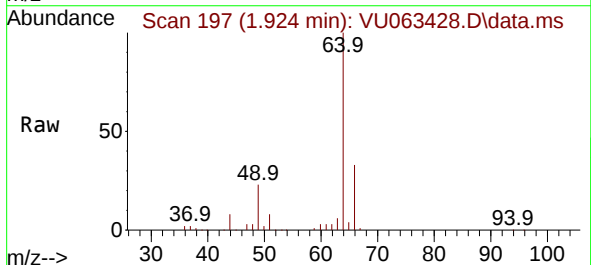
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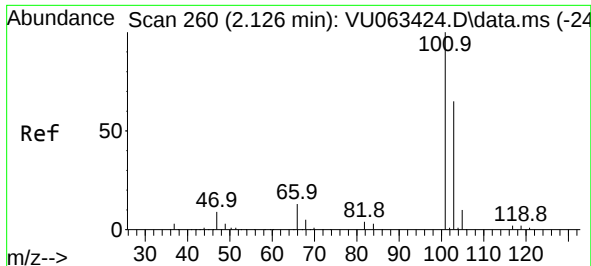
Tgt Ion: 94 Resp: 90863
Ion Ratio Lower Upper
94 100
96 94.7 74.8 112.2



#6
Chloroethane
Concen: 7.500 ug/l
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 64 Resp: 103919
Ion Ratio Lower Upper
64 100
66 32.6 25.7 38.5

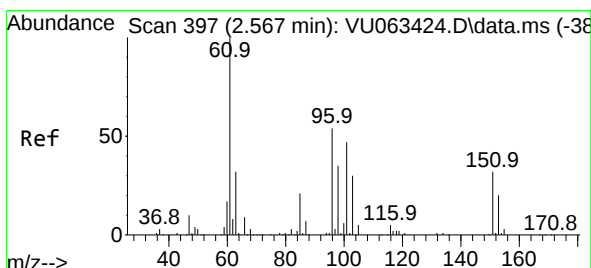
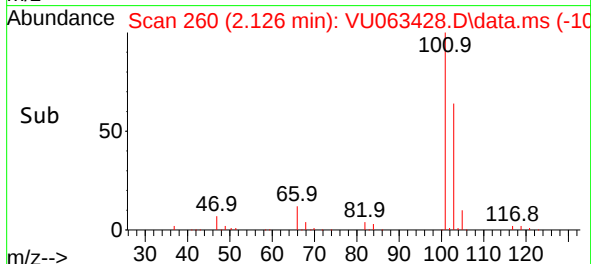
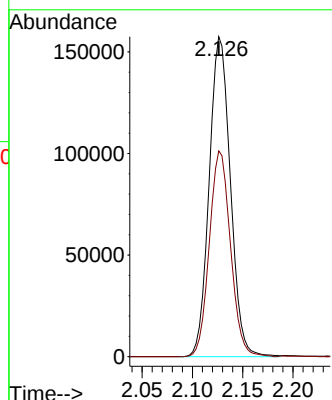
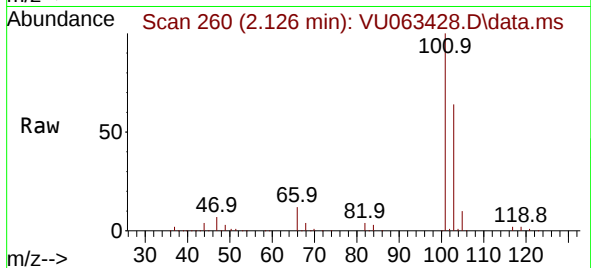




#7
 Trichlorofluoromethane
 Concen: 8.663 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU063428.D
 Acq: 23 Jun 2025 17:06

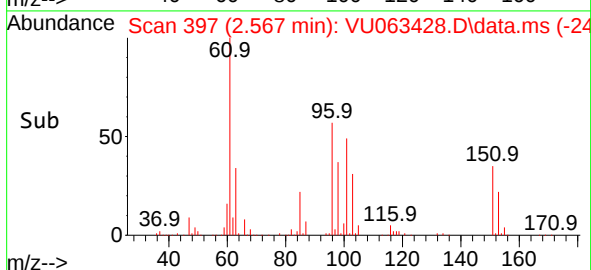
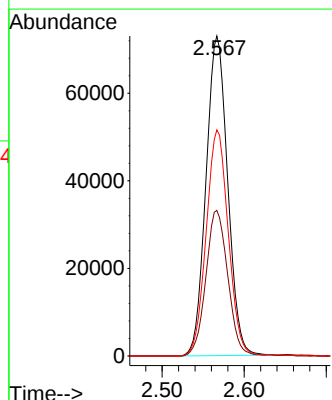
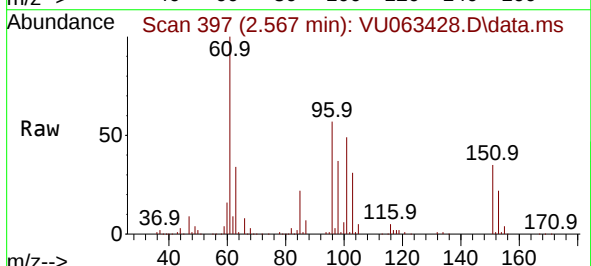
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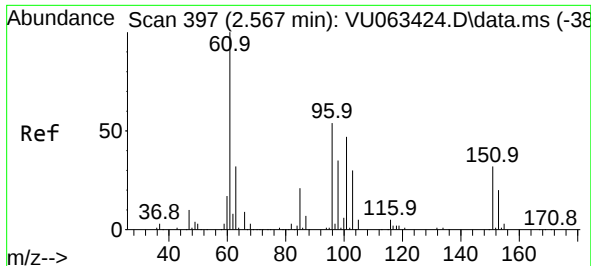
Tgt Ion:101 Resp: 231086
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.419 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063428.D
 Acq: 23 Jun 2025 17:06

Tgt Ion:101 Resp: 133844
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.7 55.1
 151 72.7 53.9 80.9

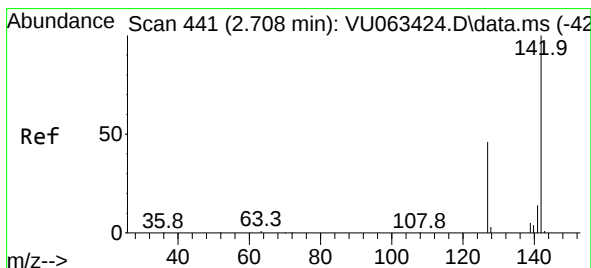
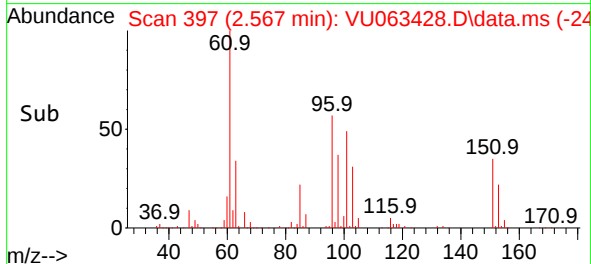
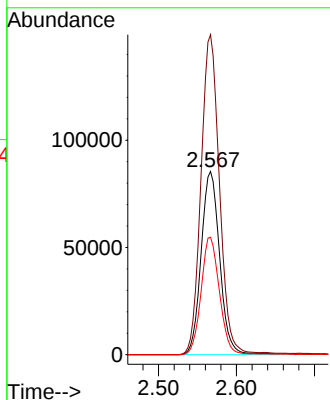
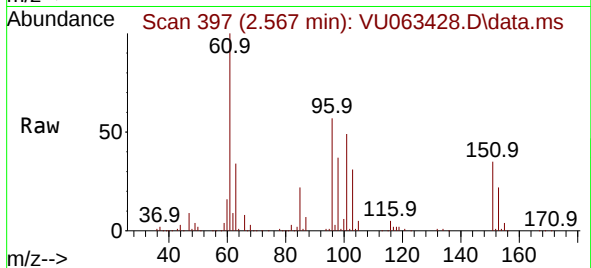




#9
1,1-Dichloroethene
Concen: 9.980 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

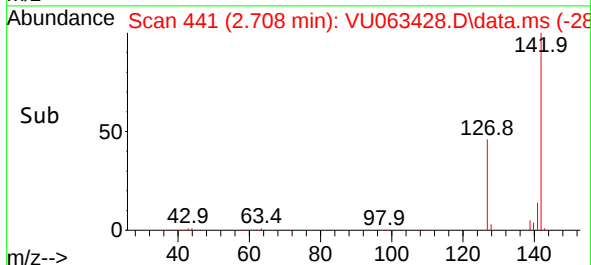
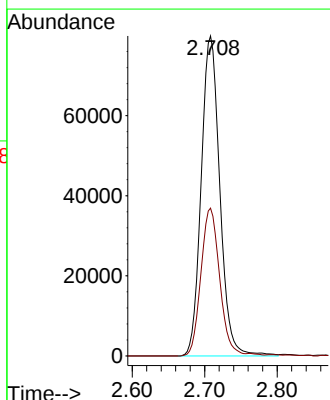
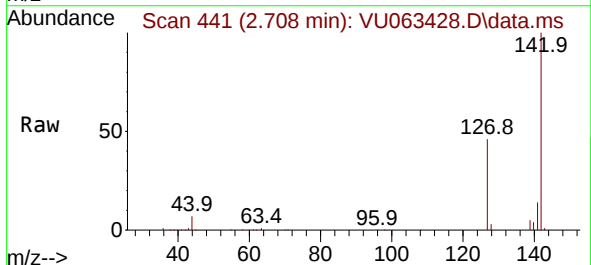
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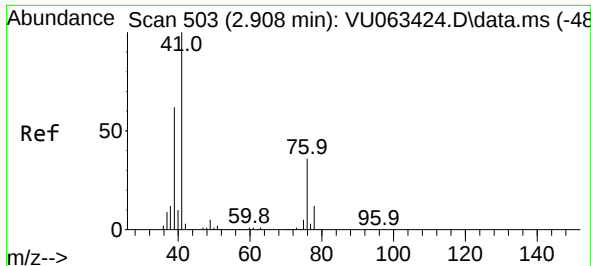
Tgt Ion: 96 Resp: 141497
Ion Ratio Lower Upper
96 100
61 174.7 0.0 552.0
98 64.1 0.0 128.4



#10
Iodomethane
Concen: 12.484 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion:142 Resp: 142863
Ion Ratio Lower Upper
142 100
127 46.2 36.9 55.3

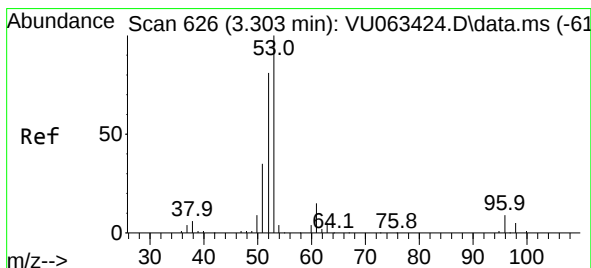
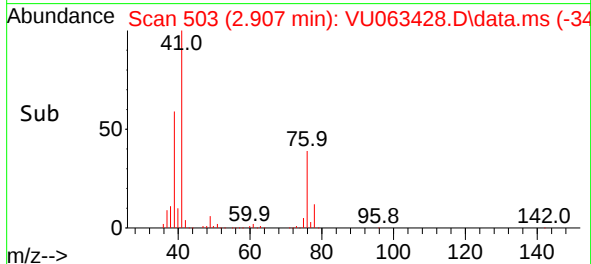
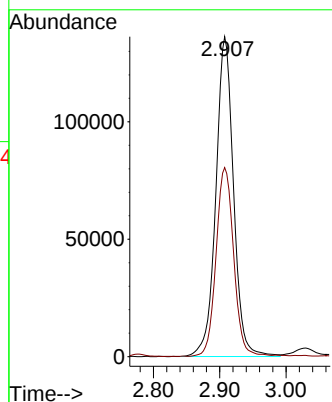
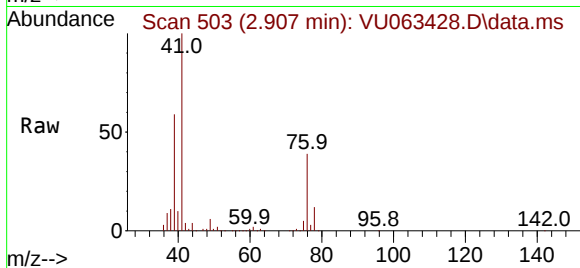




#11
 Allyl Chloride
 Concen: 9.992 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.001 min
 Lab File: VU063428.D
 Acq: 23 Jun 2025 17:06

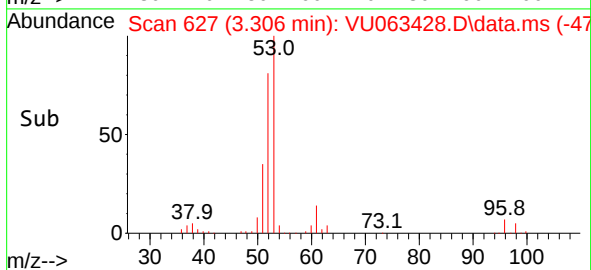
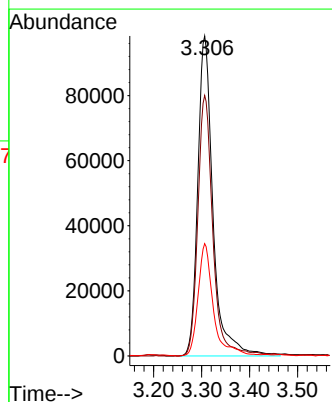
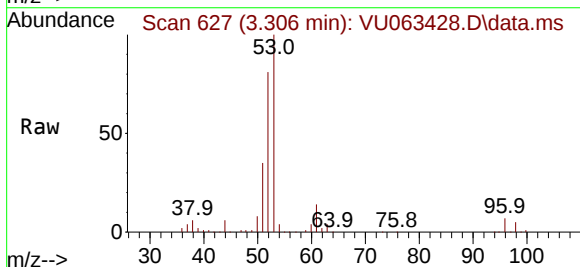
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU062325

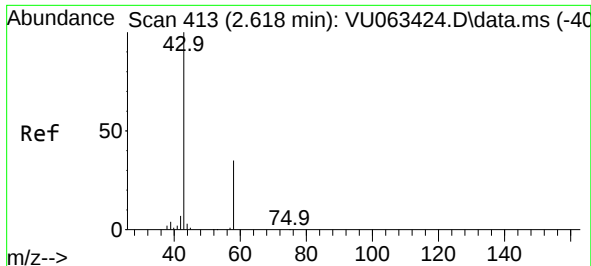
Tgt Ion: 41 Resp: 252314
 Ion Ratio Lower Upper
 41 100
 39 58.7 50.3 75.5



#12
 Acrylonitrile
 Concen: 53.073 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063428.D
 Acq: 23 Jun 2025 17:06

Tgt Ion: 53 Resp: 217383
 Ion Ratio Lower Upper
 53 100
 52 80.3 62.8 94.2
 51 35.4 26.2 39.4





#13

Acetone

Concen: 36.130 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

Instrument :

MSVOA_U

ClientSampleId :

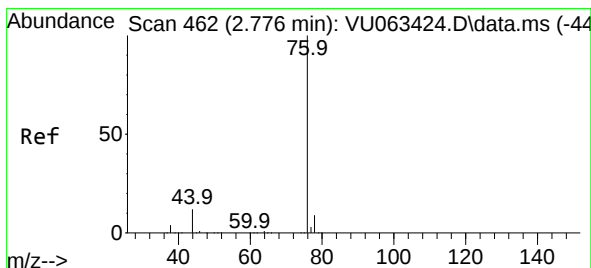
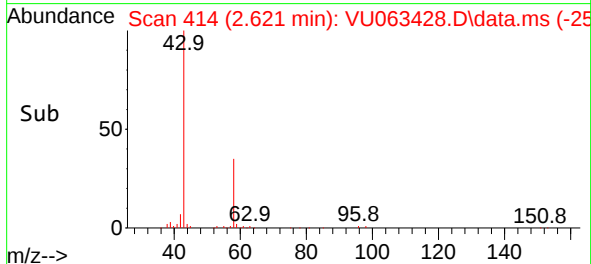
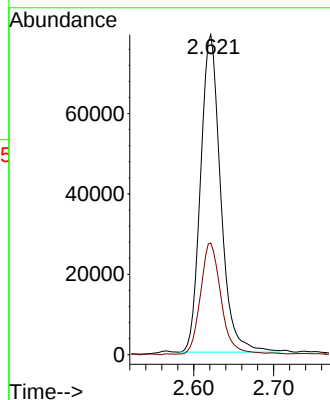
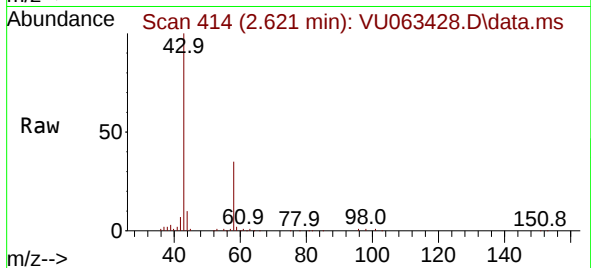
ICVVU062325

Tgt Ion: 43 Resp: 138370

Ion Ratio Lower Upper

43 100

58 34.9 28.3 42.5



#14

Carbon Disulfide

Concen: 9.898 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063428.D

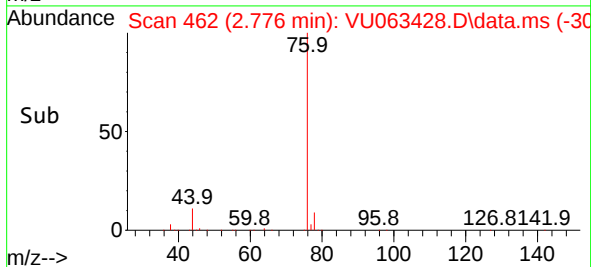
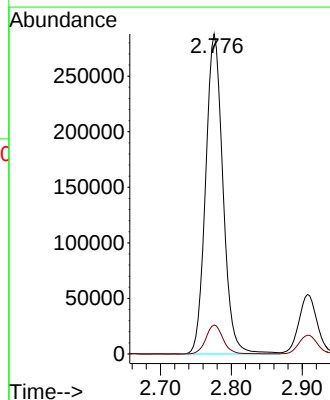
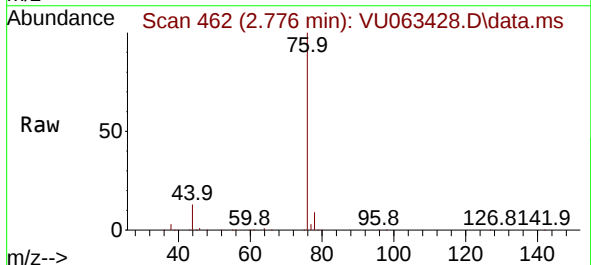
Acq: 23 Jun 2025 17:06

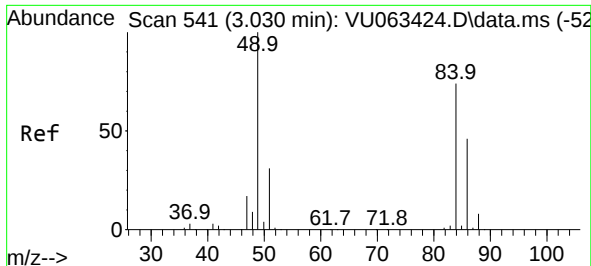
Tgt Ion: 76 Resp: 489327

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3

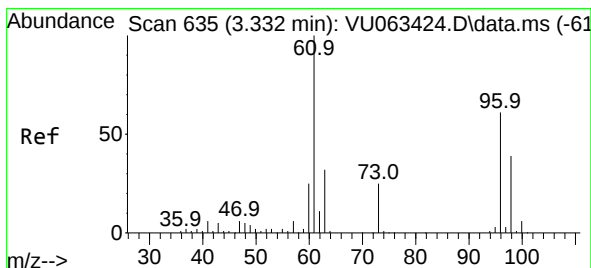
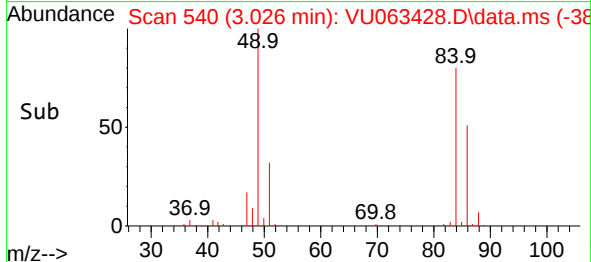
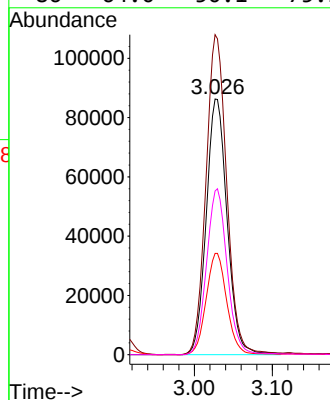
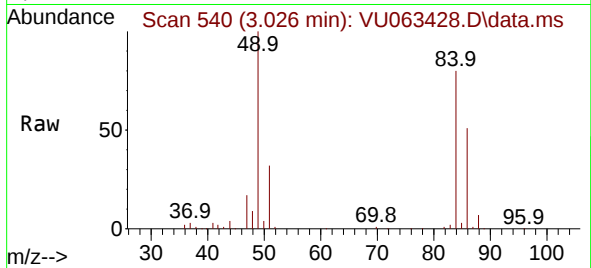




#15
Methylene Chloride
Concen: 8.959 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.004 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

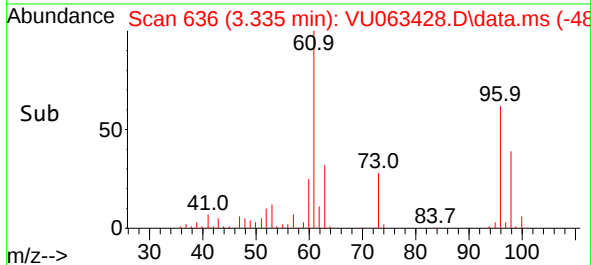
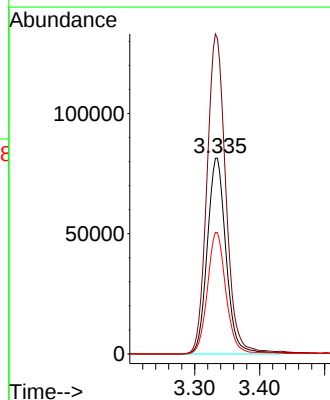
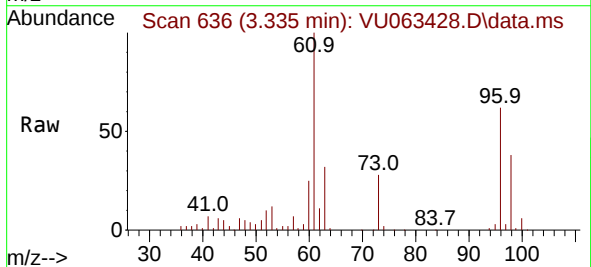
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

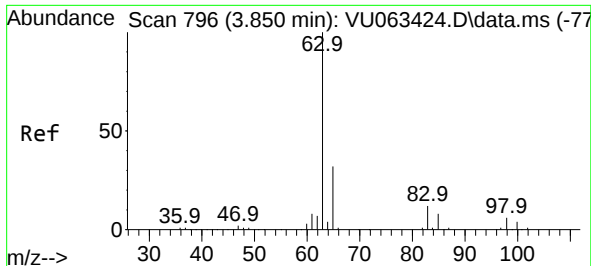
Tgt Ion: 84 Resp: 161001
Ion Ratio Lower Upper
84 100
49 125.1 108.7 163.1
51 39.6 0.0 83.8
86 64.0 50.1 75.1



#16
trans-1,2-Dichloroethene
Concen: 10.251 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 96 Resp: 163517
Ion Ratio Lower Upper
96 100
61 161.0 132.1 198.1
98 61.9 51.0 76.4



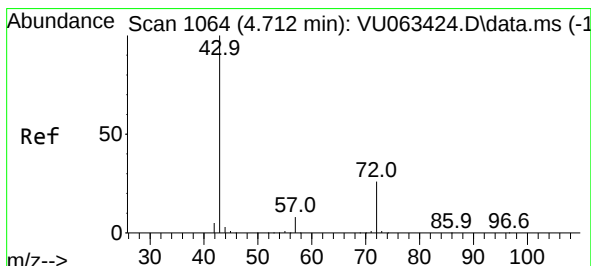
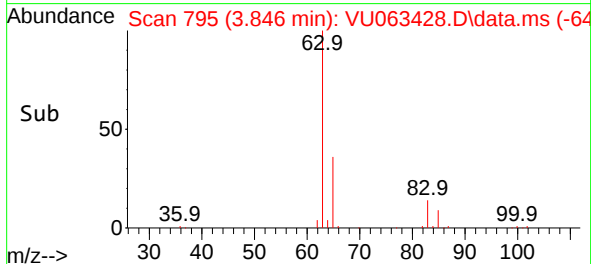
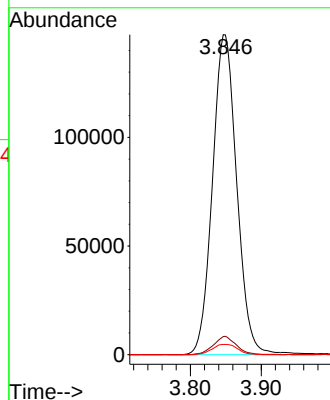
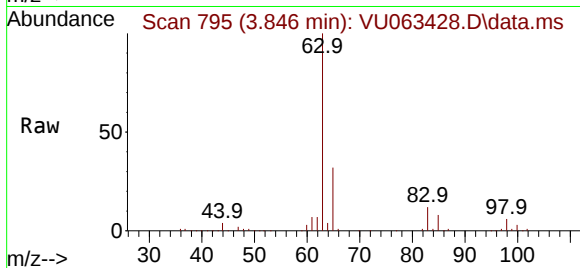


#17
 1,1-Dichloroethane
 Concen: 10.430 ug/l
 RT: 3.846 min Scan# 796
 Delta R.T. -0.004 min
 Lab File: VU063428.D
 Acq: 23 Jun 2025 17:06

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU062325

Tgt Ion: 63 Resp: 349345

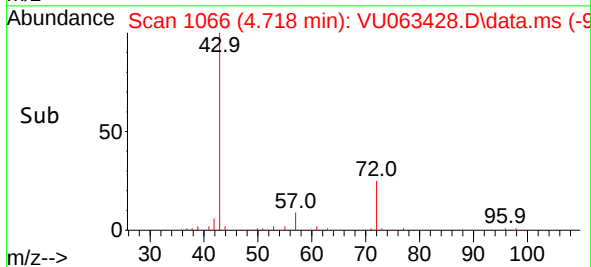
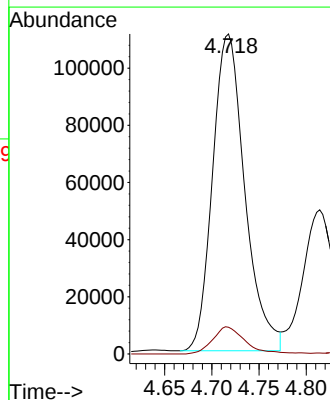
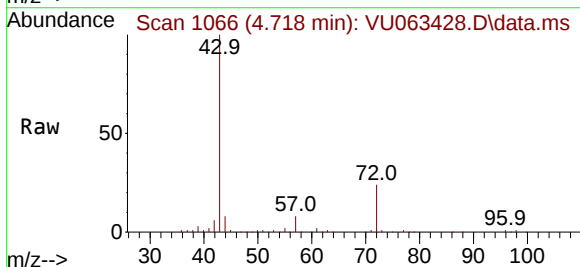
Ion	Ratio	Lower	Upper
63	100		
98	5.7	2.8	8.4
100	3.2	1.9	5.7

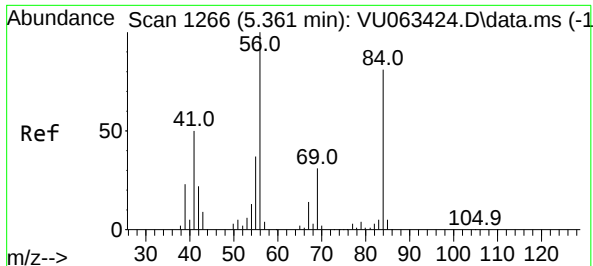


#18
 2-Butanone
 Concen: 46.022 ug/l
 RT: 4.718 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VU063428.D
 Acq: 23 Jun 2025 17:06

Tgt Ion: 43 Resp: 263073

Ion	Ratio	Lower	Upper
43	100		
57	8.4	0.0	16.0





#19

Cyclohexane

Concen: 10.860 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU062325

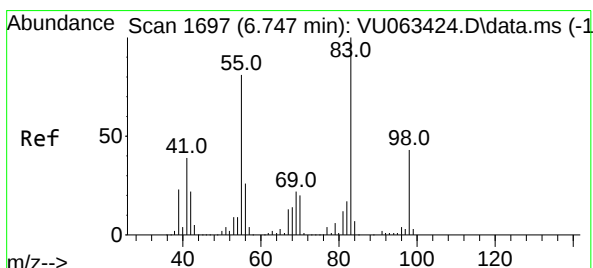
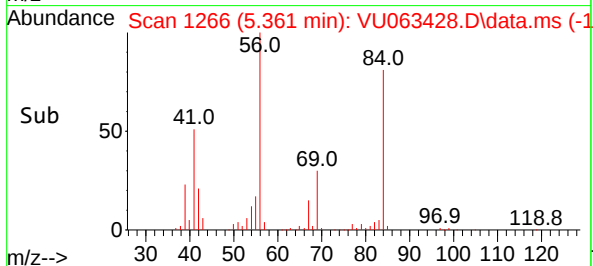
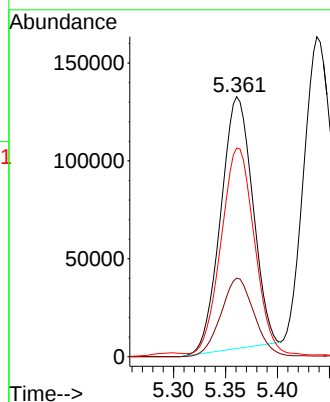
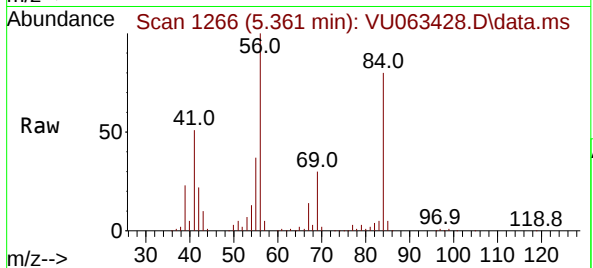
Tgt Ion: 56 Resp: 275187

Ion Ratio Lower Upper

56 100

69 32.3 26.4 39.6

84 85.0 68.6 102.8



#20

Methylcyclohexane

Concen: 11.591 ug/l

RT: 6.747 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

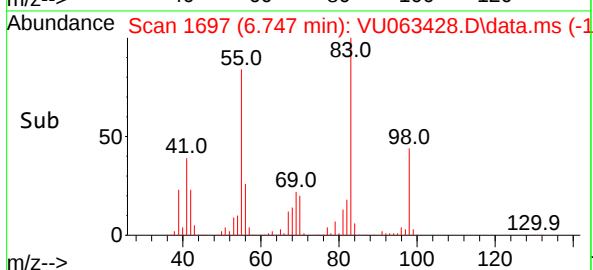
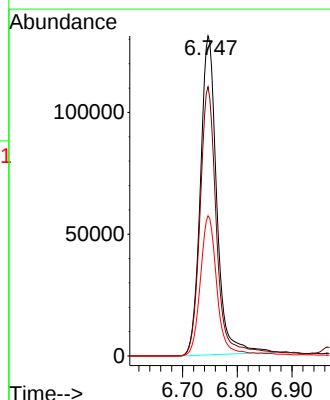
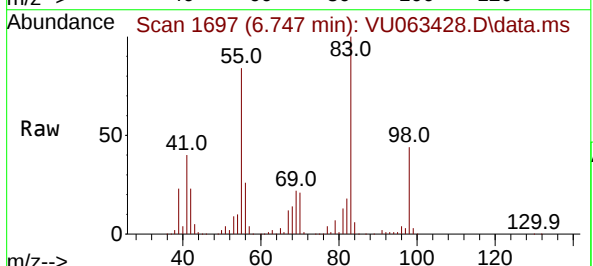
Tgt Ion: 83 Resp: 272693

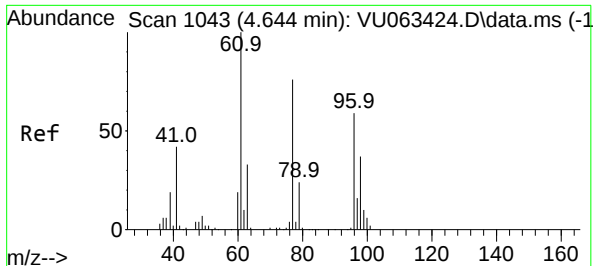
Ion Ratio Lower Upper

83 100

55 83.6 63.5 95.3

98 42.7 34.2 51.4





#21

2,2-Dichloropropane

Concen: 10.051 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

Instrument :

MSVOA_U

ClientSampleId :

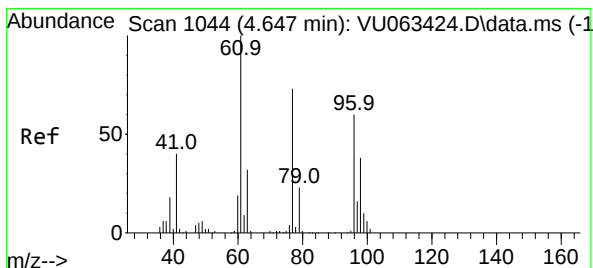
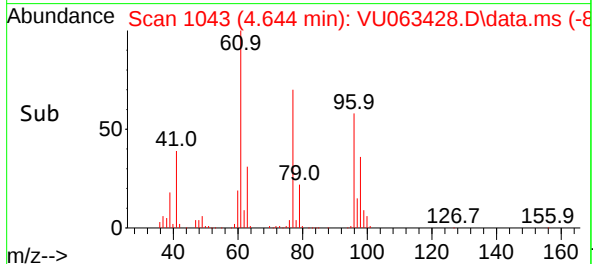
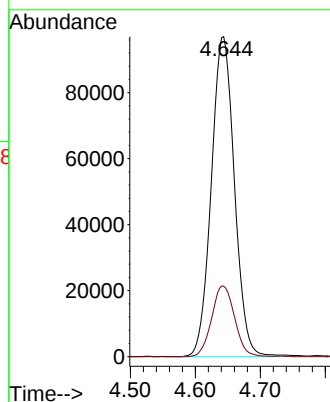
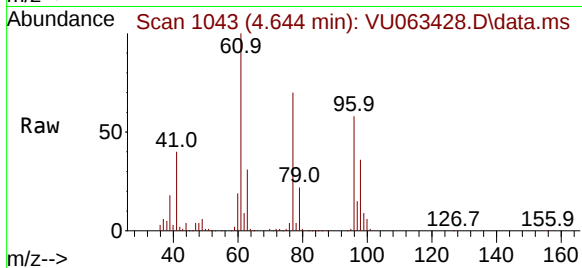
ICVVU062325

Tgt Ion: 77 Resp: 239263

Ion Ratio Lower Upper

77 100

97 22.0 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 10.853 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

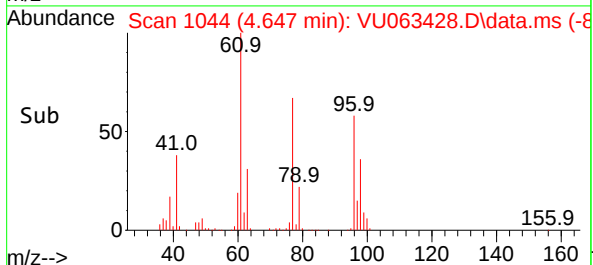
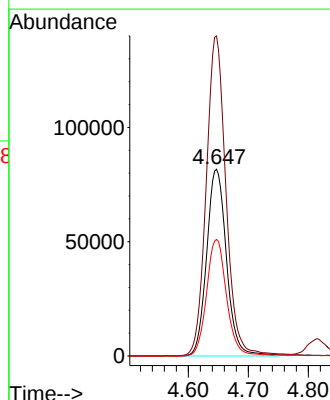
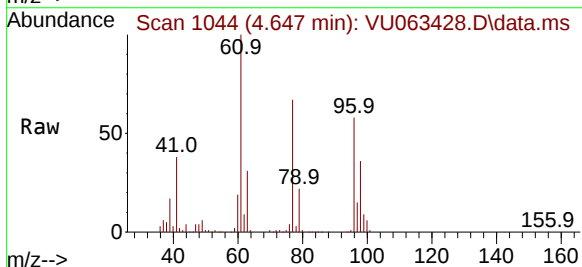
Tgt Ion: 96 Resp: 188959

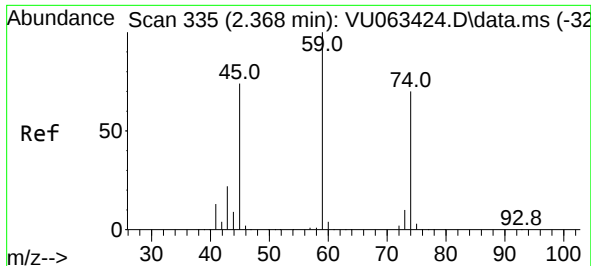
Ion Ratio Lower Upper

96 100

61 170.5 0.0 434.3

98 62.3 31.9 95.7

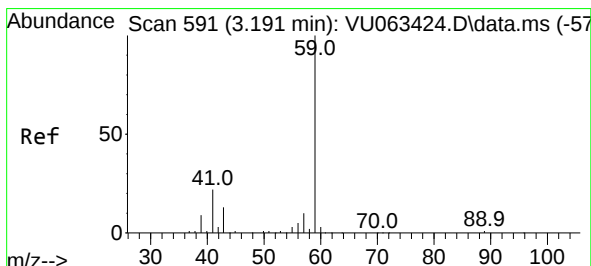
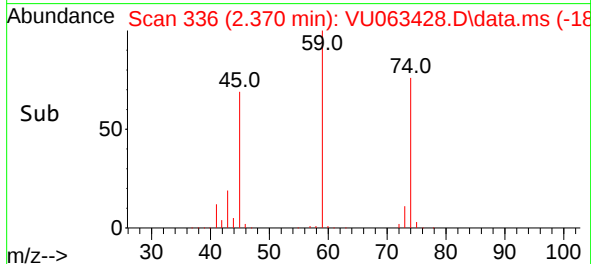
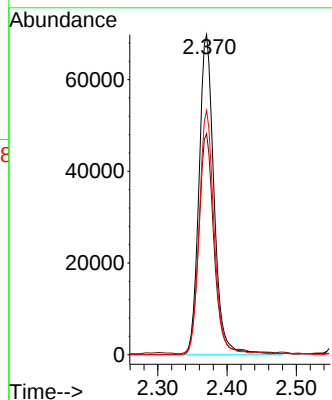
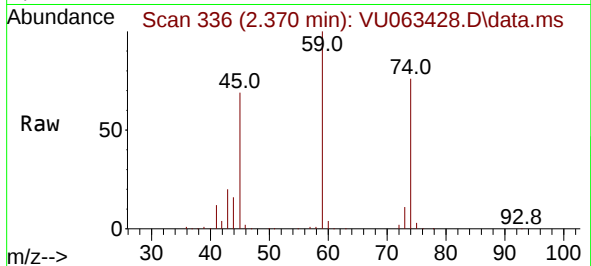




#23
Diethyl Ether
Concen: 8.222 ug/l
RT: 2.370 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

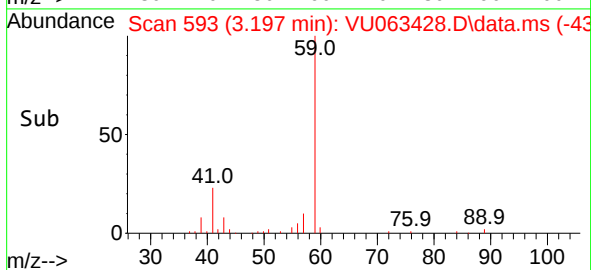
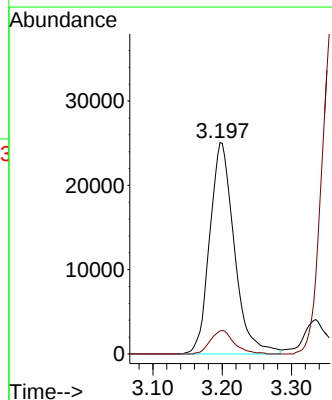
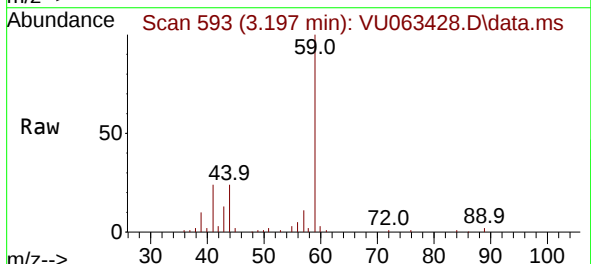
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

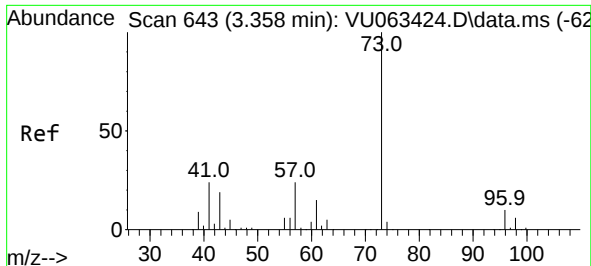
Tgt Ion: 59 Resp: 105170
Ion Ratio Lower Upper
59 100
45 69.2 60.7 91.1
74 75.6 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 45.896 ug/l
RT: 3.197 min Scan# 593
Delta R.T. 0.006 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 59 Resp: 61846
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8

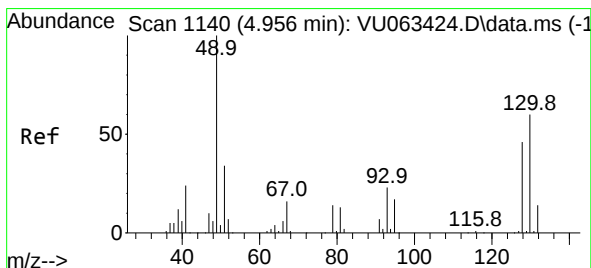
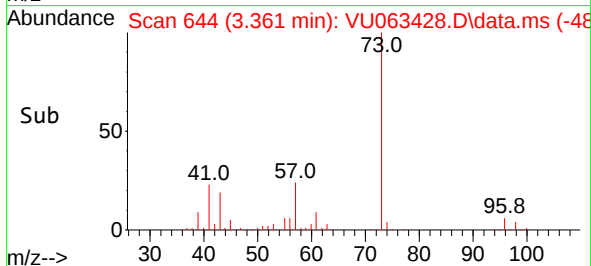
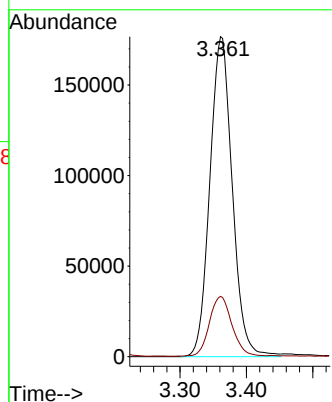
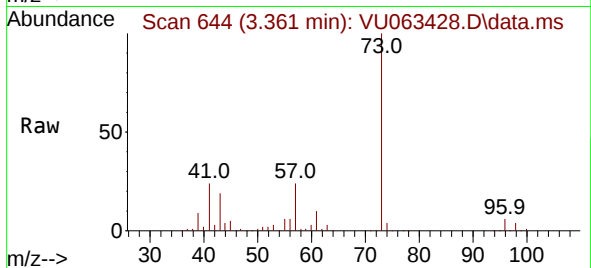




#25
Methyl tert-Butyl Ether
Concen: 10.755 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

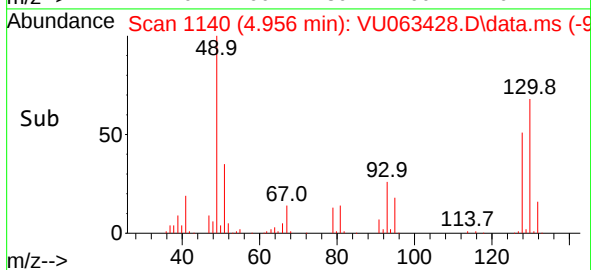
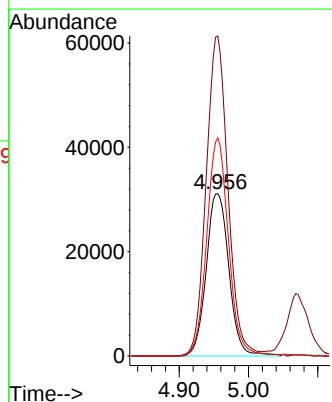
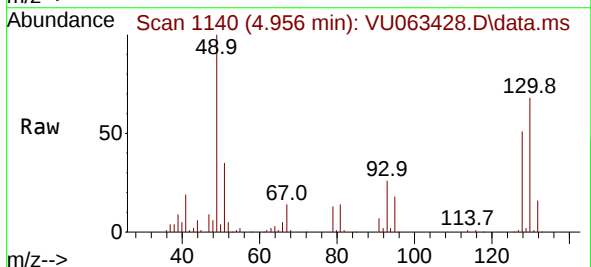
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

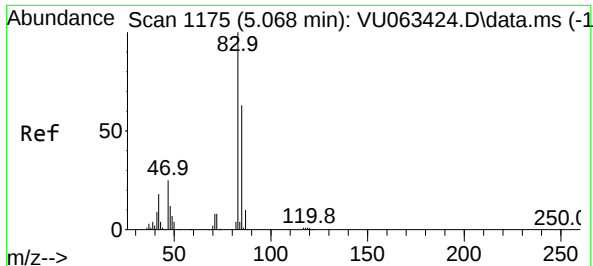
Tgt Ion: 73 Resp: 414660
Ion Ratio Lower Upper
73 100
43 18.8 15.1 22.7



#26
Bromochloromethane
Concen: 10.416 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 128 Resp: 70583
Ion Ratio Lower Upper
128 100
49 189.2 0.0 441.2
130 128.9 102.3 153.5





#27

Chloroform

Concen: 10.619 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

Instrument :

MSVOA_U

ClientSampleId :

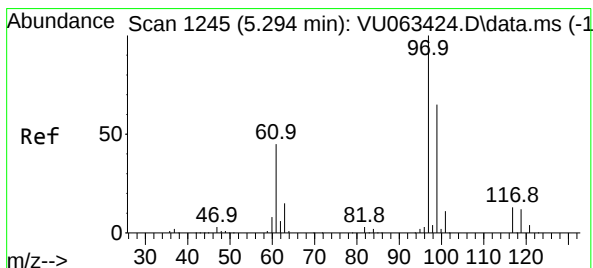
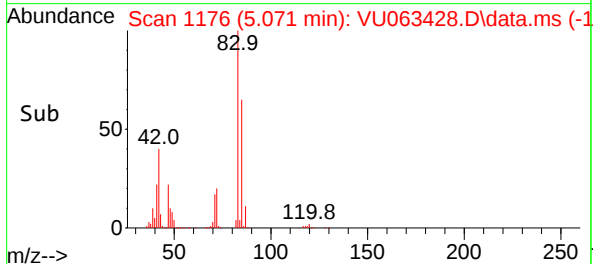
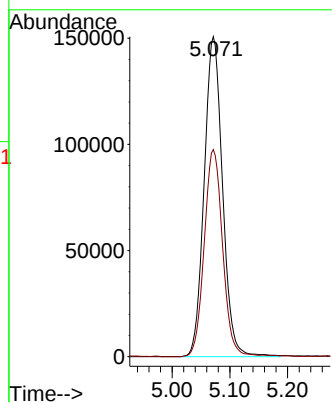
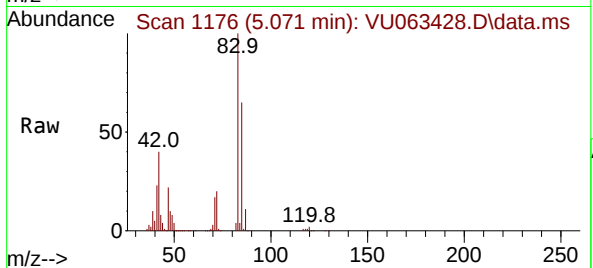
ICVVU062325

Tgt Ion: 83 Resp: 333435

Ion Ratio Lower Upper

83 100

85 64.7 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 10.602 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

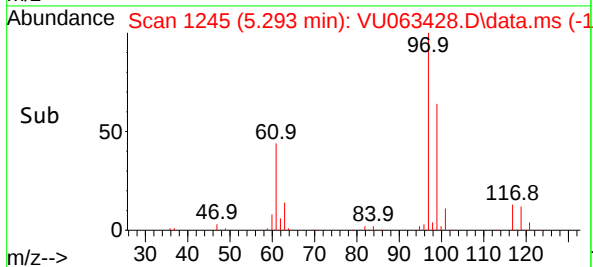
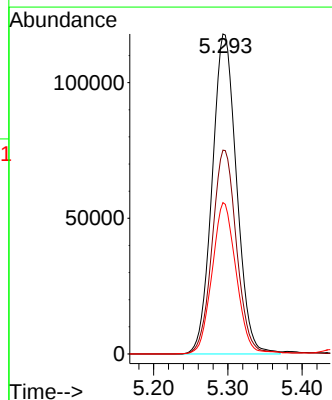
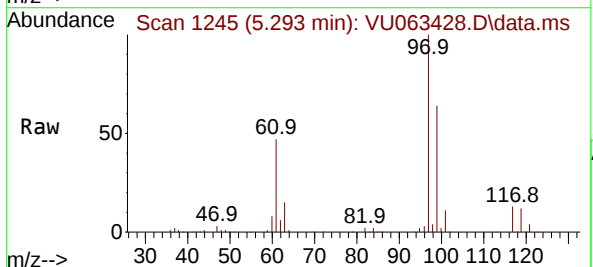
Tgt Ion: 97 Resp: 269917

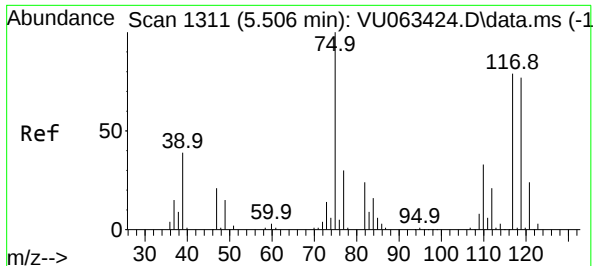
Ion Ratio Lower Upper

97 100

99 63.8 31.9 95.5

61 46.6 22.9 68.7





#29

1,1-Dichloropropene

Concen: 10.004 ug/l

RT: 5.505 min Scan# 1311

Delta R.T. -0.001 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU062325

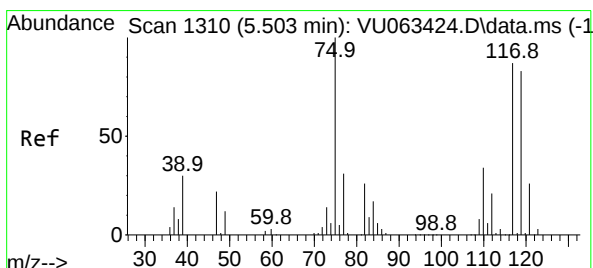
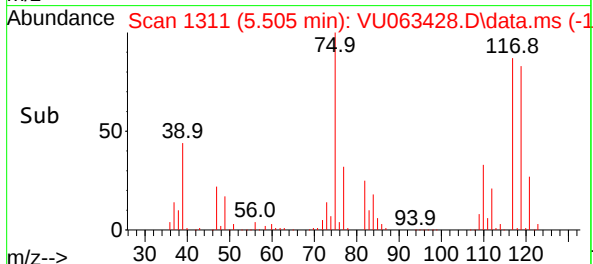
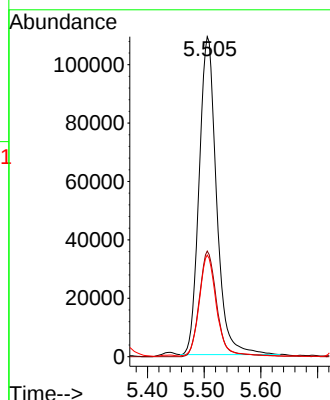
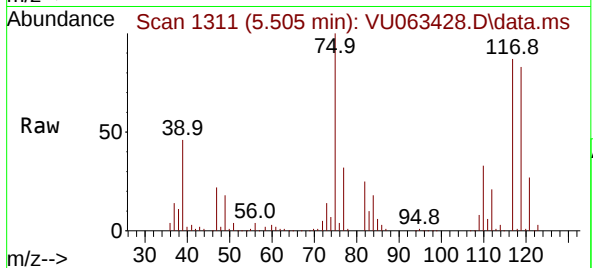
Tgt Ion: 75 Resp: 232683

Ion Ratio Lower Upper

75 100

110 33.4 17.4 52.2

77 31.1 25.4 38.0



#30

Carbon Tetrachloride

Concen: 10.815 ug/l

RT: 5.502 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

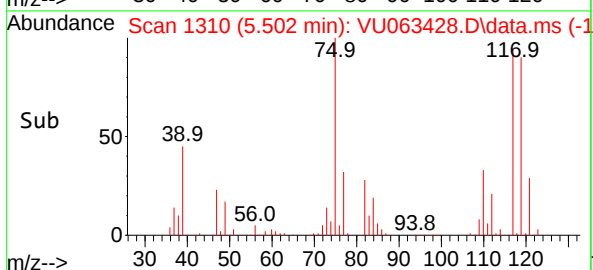
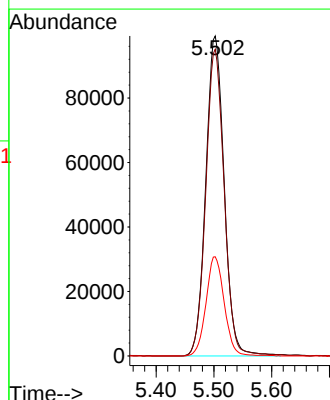
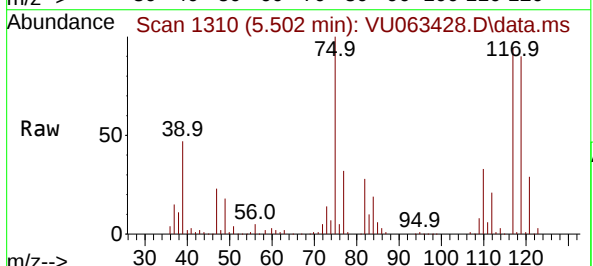
Tgt Ion: 117 Resp: 219911

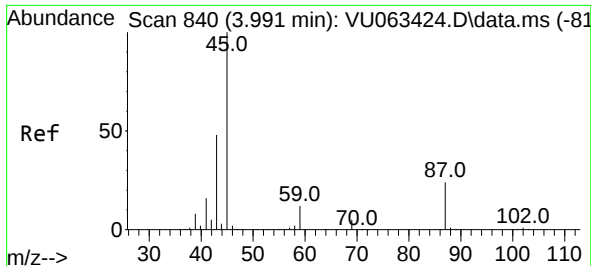
Ion Ratio Lower Upper

117 100

119 95.9 76.7 115.1

121 31.0 24.3 36.5

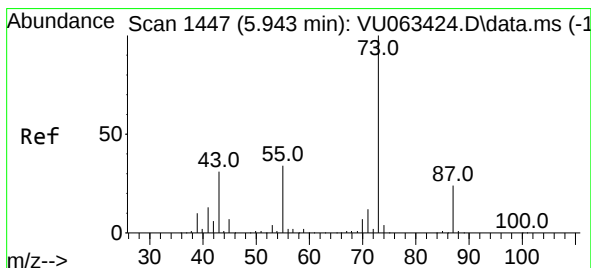
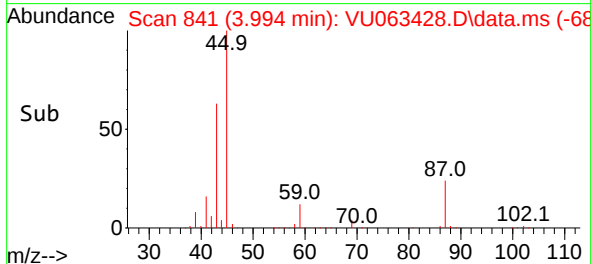
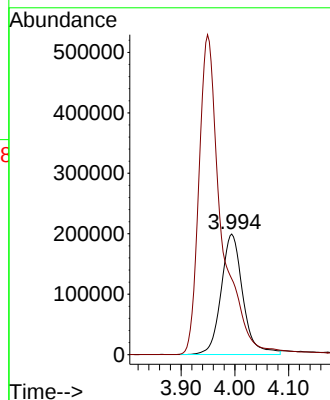
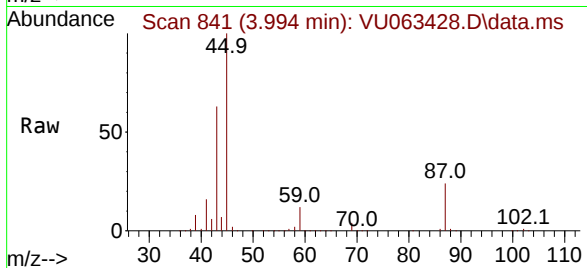




#31
Isopropyl Ether
Concen: 10.692 ug/l
RT: 3.994 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

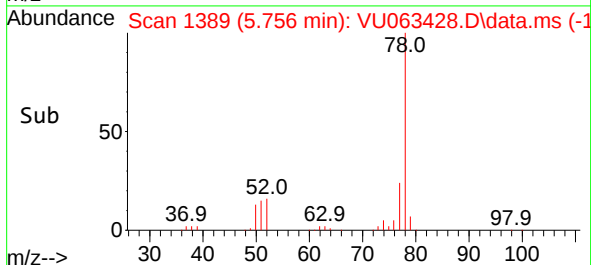
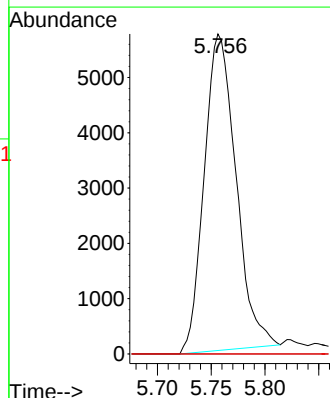
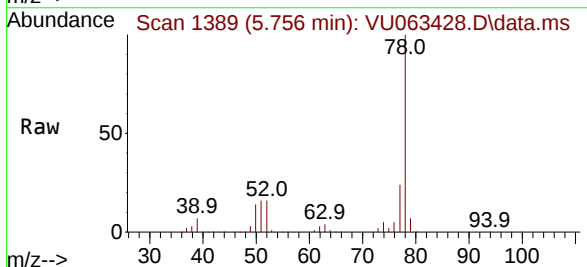
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

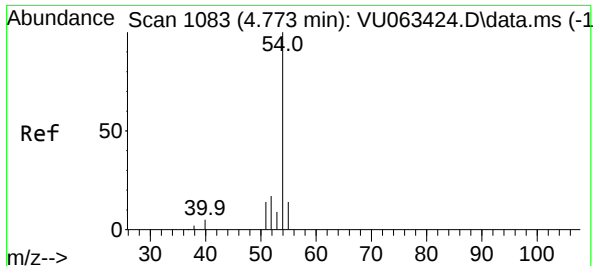
Tgt Ion: 45 Resp: 559450
Ion Ratio Lower Upper
45 100
43 275.5 23.8 71.5#



#33
Tert-Amyl methyl ether
Concen: 0.370 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. -0.187 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 73 Resp: 11759
Ion Ratio Lower Upper
73 100
87 199.4 18.1 27.1#
71 0.0 10.0 15.0#



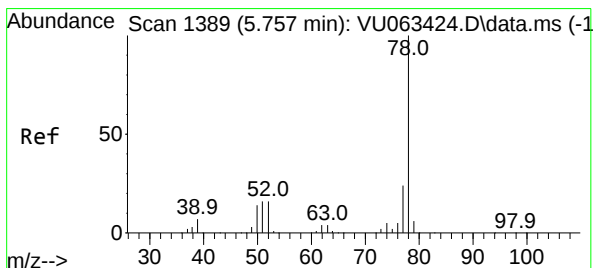
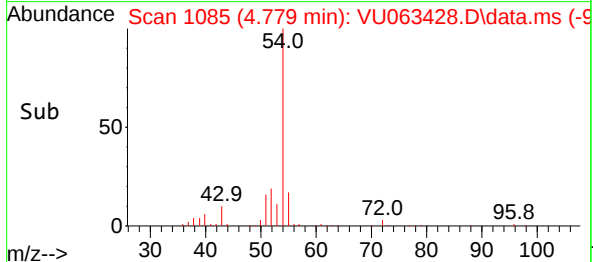
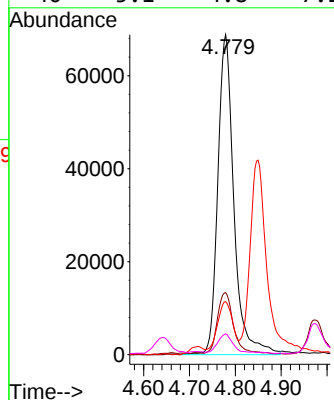
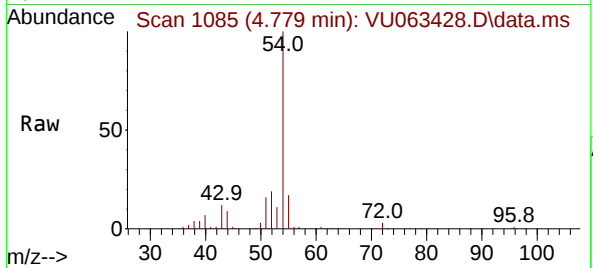


#34
Propionitrile
Concen: 101.506 ug/l
RT: 4.779 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

Tgt Ion: 54 Resp: 167842

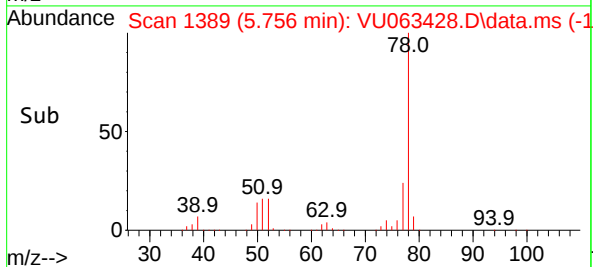
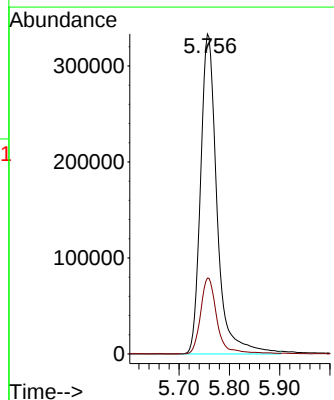
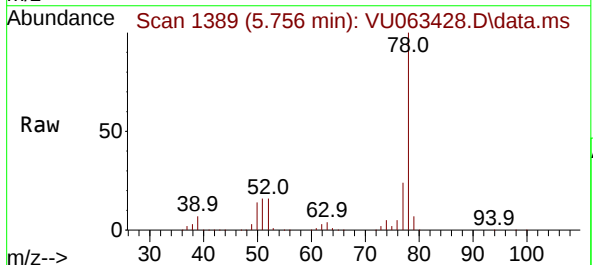
Ion	Ratio	Lower	Upper
54	100		
52	18.3	14.8	22.2
55	15.6	12.2	18.2
40	5.1	4.8	7.2

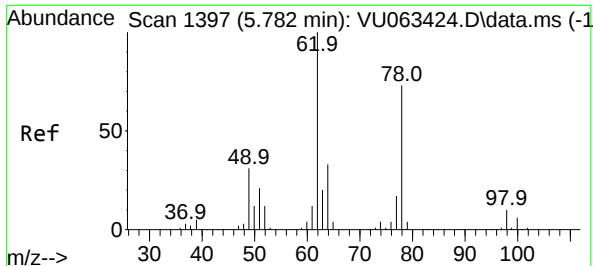


#35
Benzene
Concen: 10.784 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 78 Resp: 758740

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.2





#36

1,2-Dichloroethane

Concen: 9.701 ug/l

RT: 5.785 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

Instrument :

MSVOA_U

ClientSampleId :

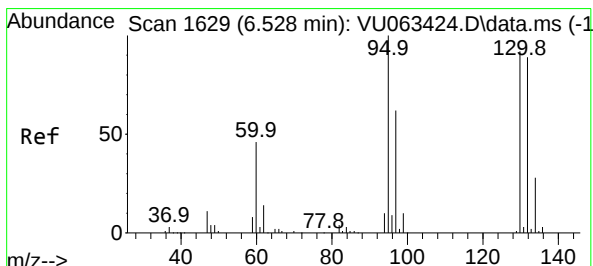
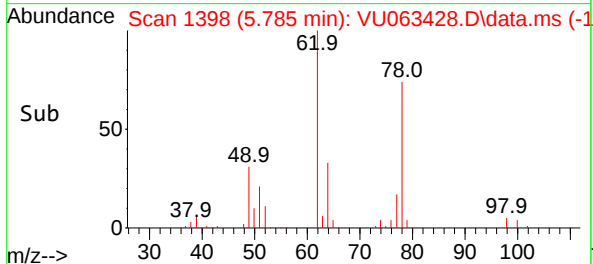
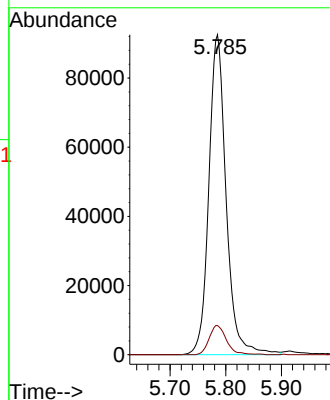
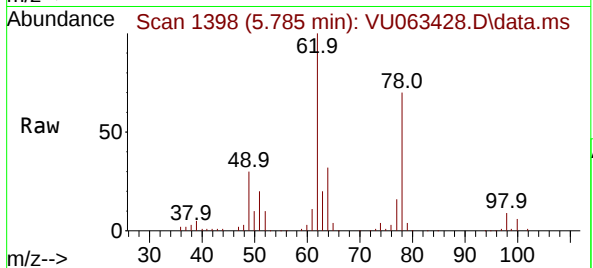
ICVVU062325

Tgt Ion: 62 Resp: 199524

Ion Ratio Lower Upper

62 100

98 9.1 7.1 10.7



#37

Trichloroethene

Concen: 9.923 ug/l

RT: 6.531 min Scan# 1630

Delta R.T. 0.003 min

Lab File: VU063428.D

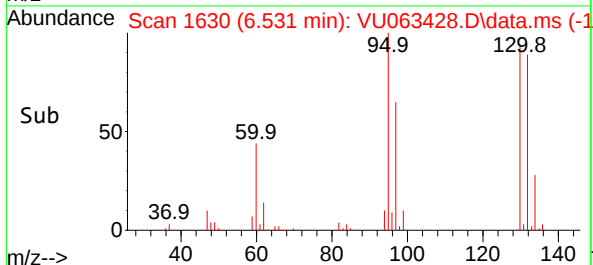
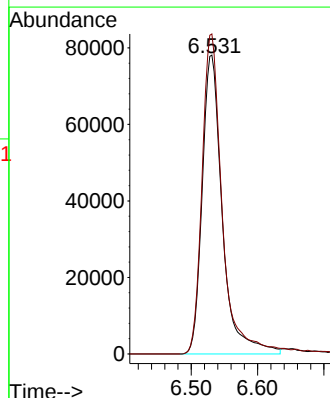
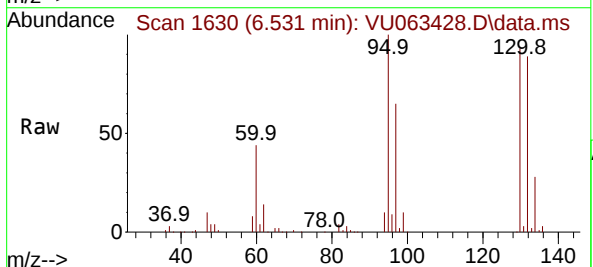
Acq: 23 Jun 2025 17:06

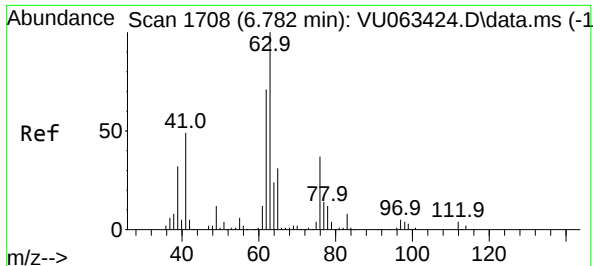
Tgt Ion:130 Resp: 164983

Ion Ratio Lower Upper

130 100

95 107.1 87.2 130.8

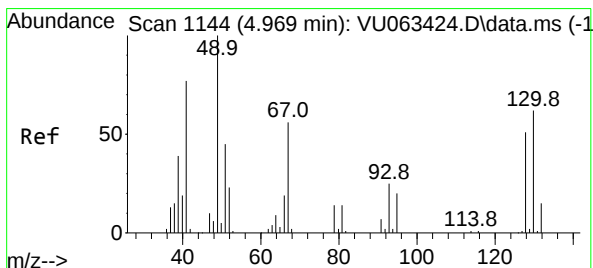
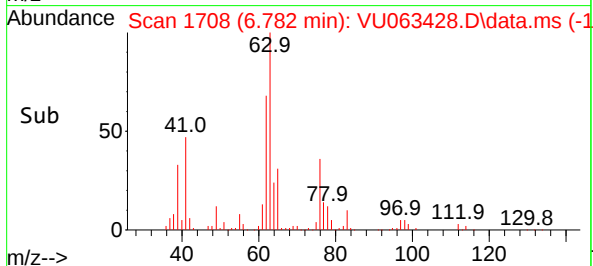
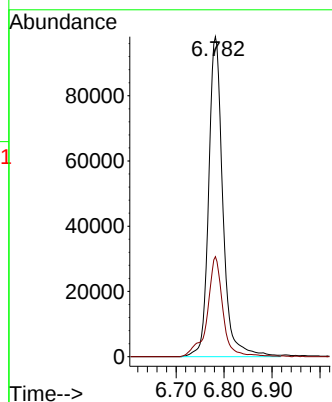
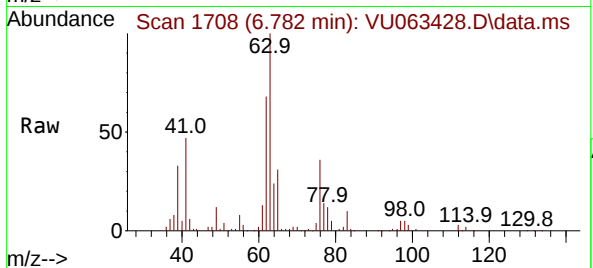




#38
1,2-Dichloropropane
Concen: 10.383 ug/l
RT: 6.782 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

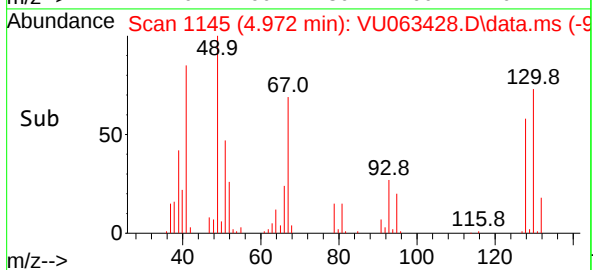
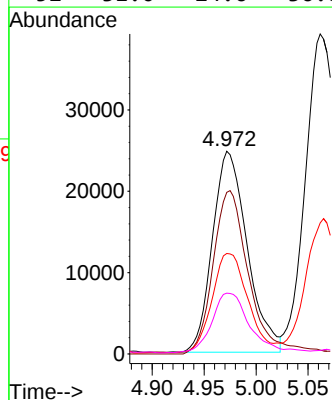
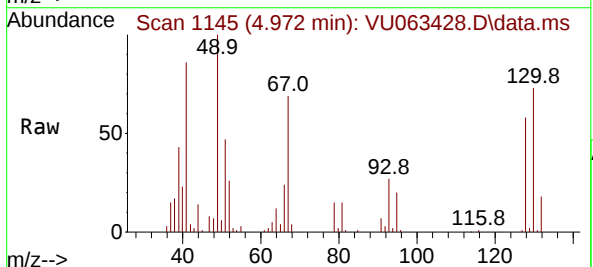
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

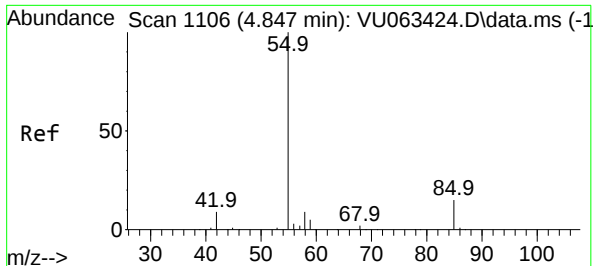
Tgt Ion: 63 Resp: 201756
Ion Ratio Lower Upper
63 100
65 31.2 25.0 37.6



#39
Methacrylonitrile
Concen: 8.371 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 41 Resp: 57586
Ion Ratio Lower Upper
41 100
67 83.9 59.8 89.8
39 50.3 40.7 61.1
52 31.0 24.6 36.8

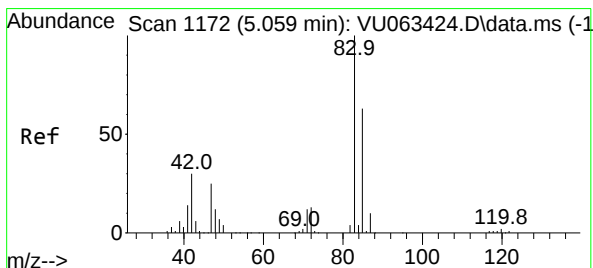
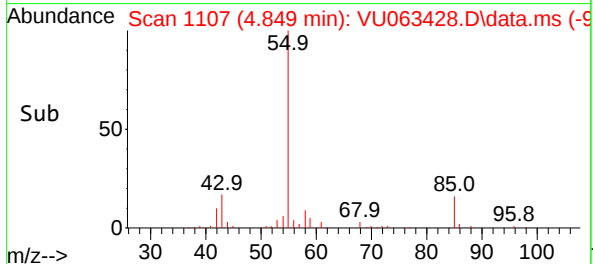
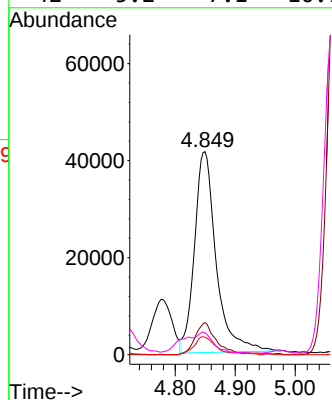
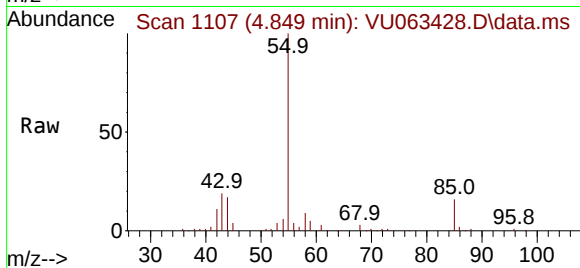




#40
Methyl acrylate
Concen: 10.805 ug/l
RT: 4.849 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

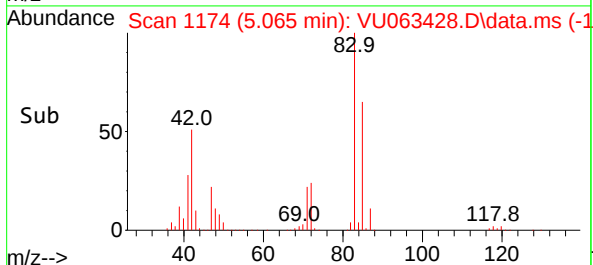
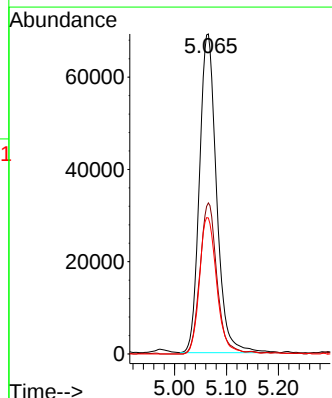
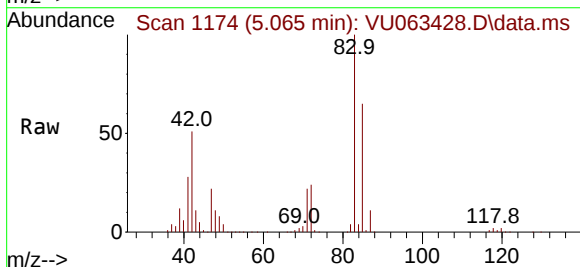
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

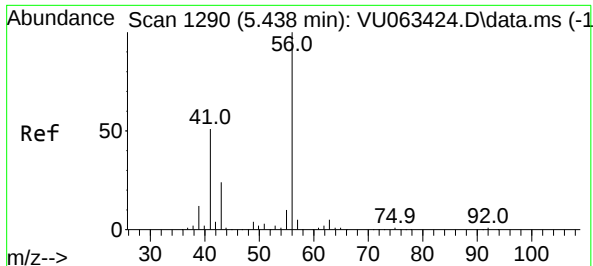
Tgt Ion: 55 Resp: 104375
Ion Ratio Lower Upper
55 100
85 15.6 12.6 19.0
58 8.9 6.9 10.3
42 5.2 7.1 10.7#



#41
Tetrahydrofuran
Concen: 42.681 ug/l
RT: 5.065 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 42 Resp: 157958
Ion Ratio Lower Upper
42 100
72 47.1 35.4 53.2
71 43.1 31.4 47.0





#42

1-Chlorobutane

Concen: 10.403 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

Instrument :

MSVOA_U

ClientSampleId :

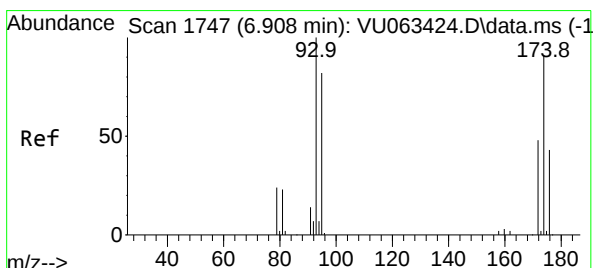
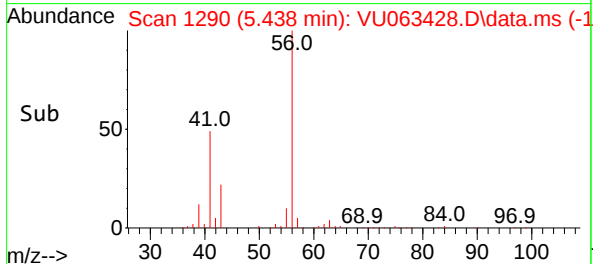
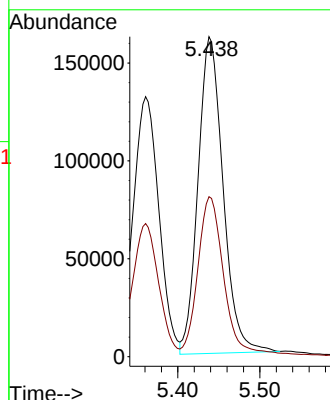
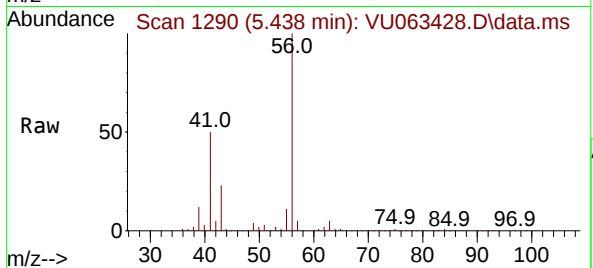
ICVVU062325

Tgt Ion: 56 Resp: 343249

Ion Ratio Lower Upper

56 100

41 52.8 26.4 79.0



#43

Dibromomethane

Concen: 10.351 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.001 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

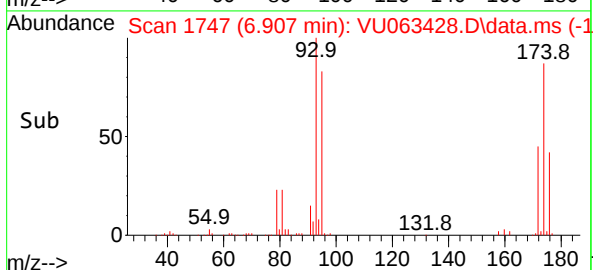
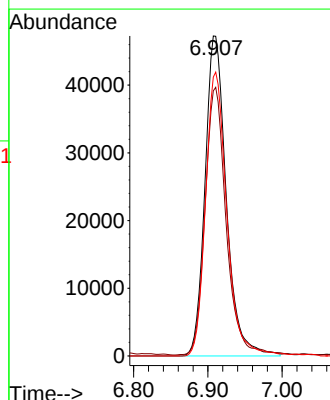
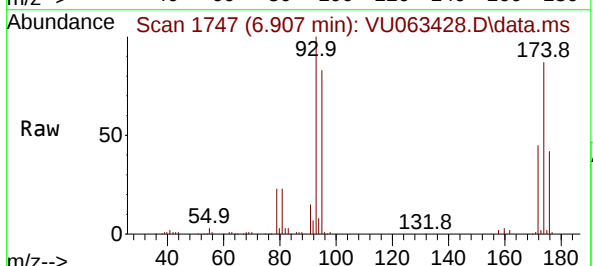
Tgt Ion: 93 Resp: 93959

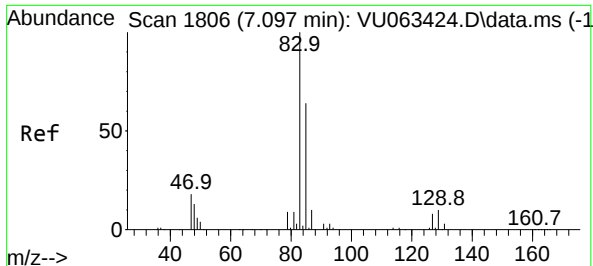
Ion Ratio Lower Upper

93 100

95 83.2 66.7 100.1

174 88.8 71.1 106.7

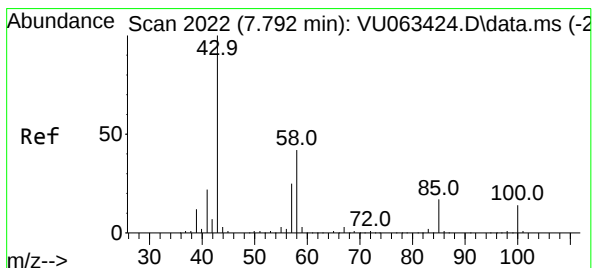
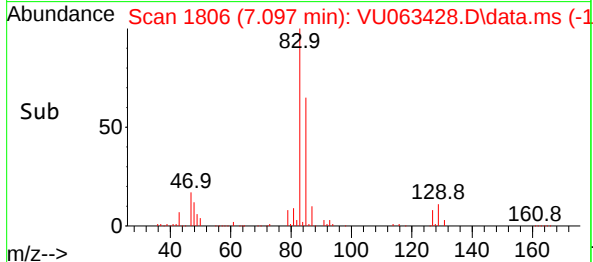
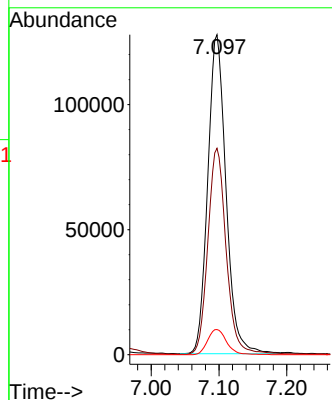
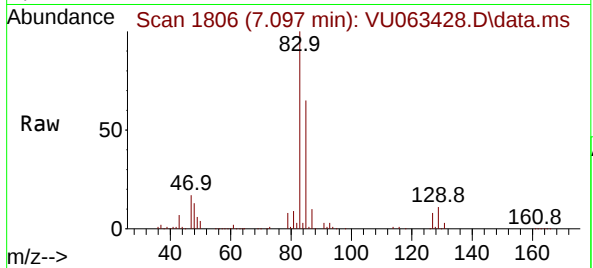




#44
Bromodichloromethane
Concen: 10.803 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

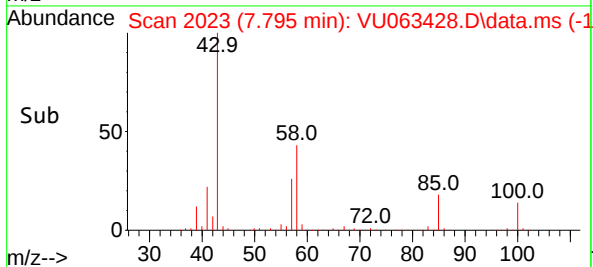
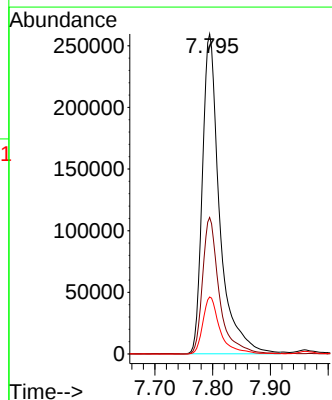
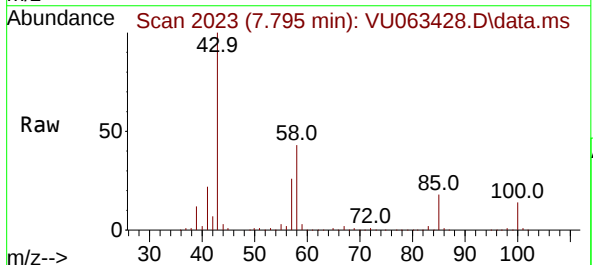
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

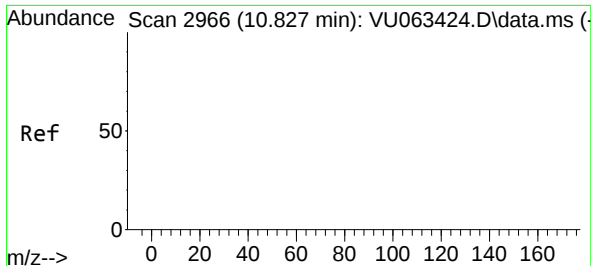
Tgt Ion: 83 Resp: 238860
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.2
127 7.9 6.6 10.0



#45
4-Methyl-2-Pentanone
Concen: 55.253 ug/l
RT: 7.795 min Scan# 2023
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 43 Resp: 538372
Ion Ratio Lower Upper
43 100
58 41.7 20.5 61.6
85 17.8 14.2 21.2

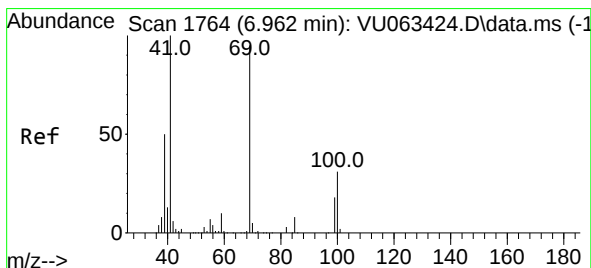
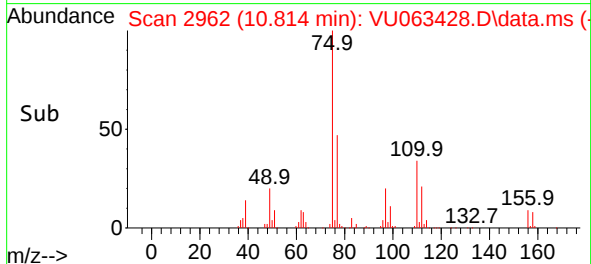
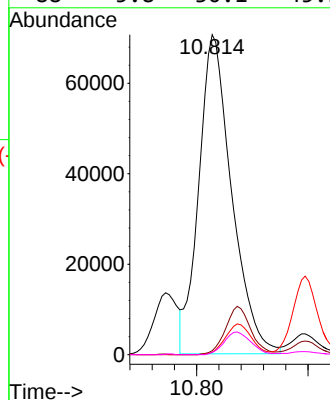
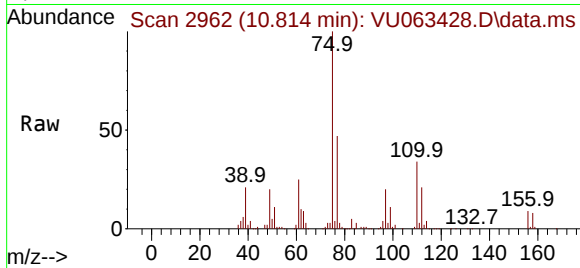




#46
t-1,4-Dichloro-2-butene
Concen: 45.137 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.013 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

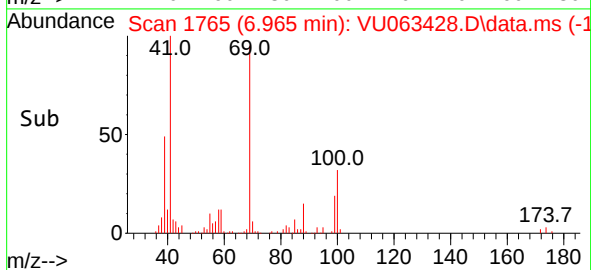
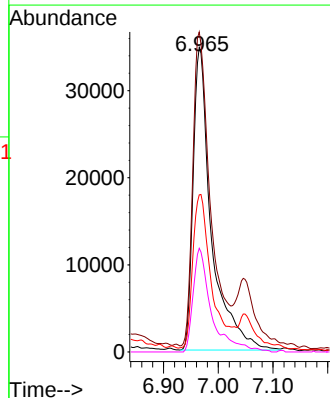
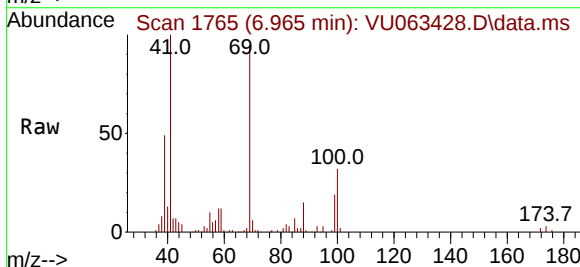
Instrument : MSVOA_U
ClientSampleId : ICVVU062325

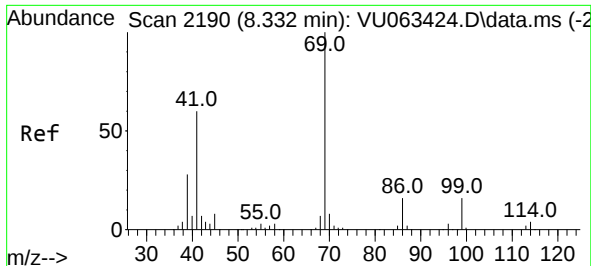
Tgt Ion:	75	Resp:	144568
Ion	Ratio	Lower	Upper
75	100		
53	11.7	61.4	92.2#
89	7.7	39.2	58.8#
88	5.8	30.1	45.1#



#47
Methyl methacrylate
Concen: 9.804 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion:	69	Resp:	80534
Ion	Ratio	Lower	Upper
69	100		
41	99.4	0.0	212.6
39	51.6	40.6	61.0
100	33.7	26.8	40.2





#48

Ethyl methacrylate

Concen: 10.000 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

Instrument :

MSVOA_U

ClientSampleId :

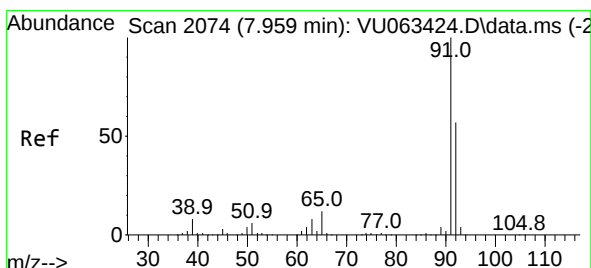
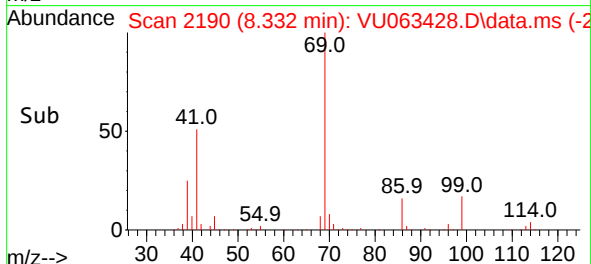
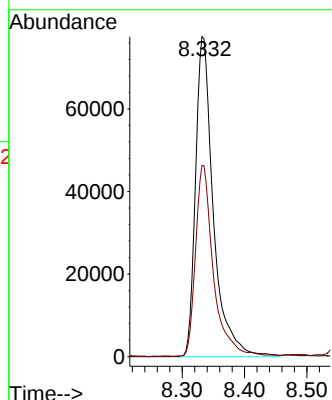
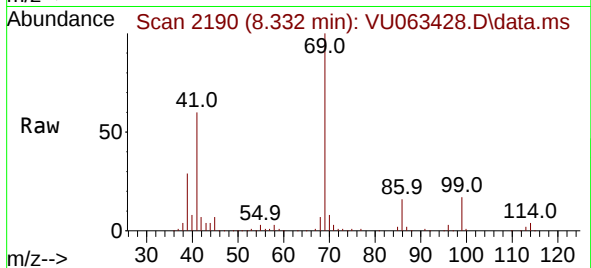
ICVVU062325

Tgt Ion: 69 Resp: 153677

Ion Ratio Lower Upper

69 100

41 59.5 30.6 92.0



#49

Toluene

Concen: 11.797 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063428.D

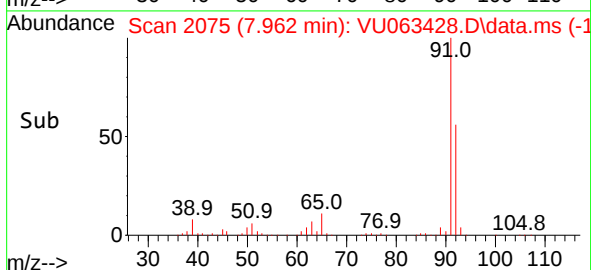
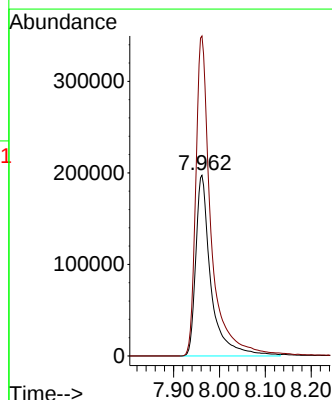
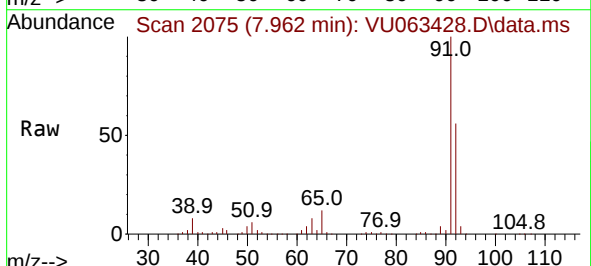
Acq: 23 Jun 2025 17:06

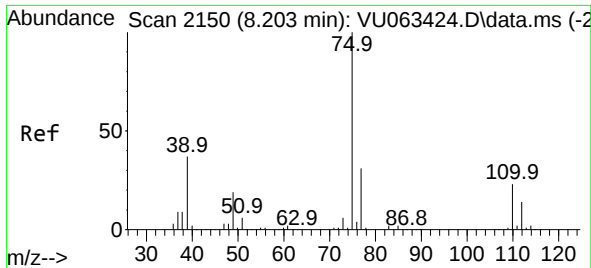
Tgt Ion: 92 Resp: 455660

Ion Ratio Lower Upper

92 100

91 177.5 142.0 213.0

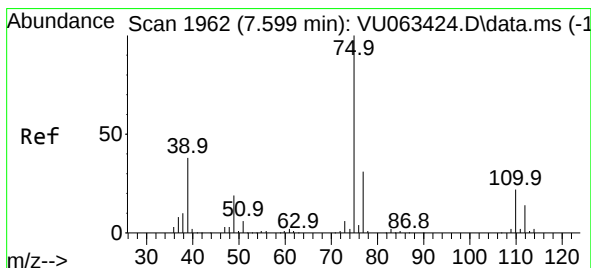
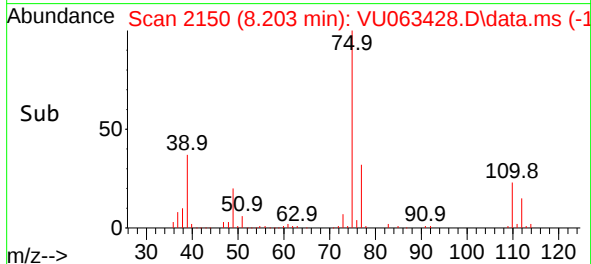
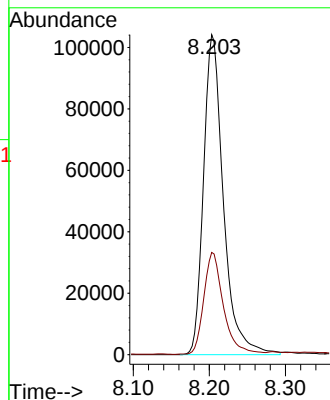
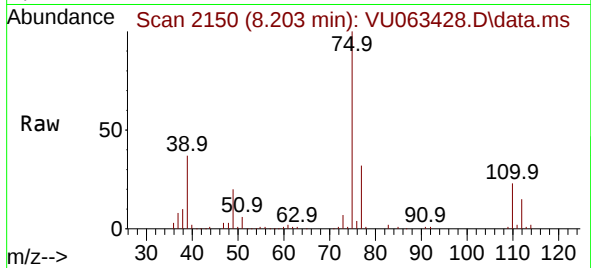




#50
 t-1,3-Dichloropropene
 Concen: 11.863 ug/l
 RT: 8.203 min Scan# 2150
 Delta R.T. 0.000 min
 Lab File: VU063428.D
 Acq: 23 Jun 2025 17:06

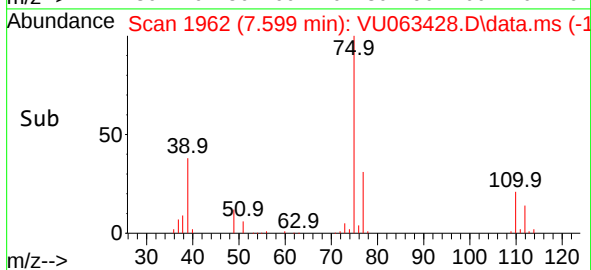
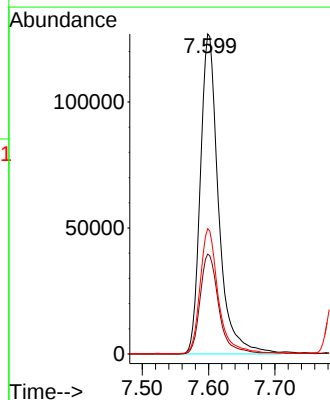
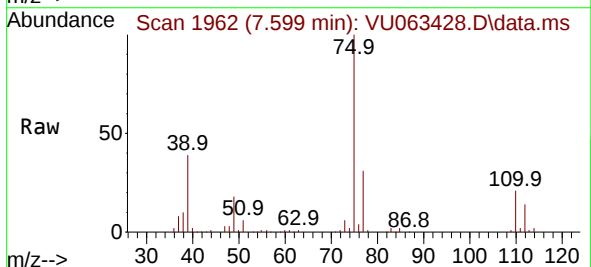
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU062325

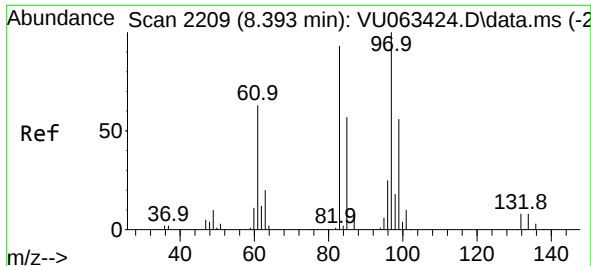
Tgt Ion: 75 Resp: 189158
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.5 36.7



#51
 cis-1,3-Dichloropropene
 Concen: 11.290 ug/l
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063428.D
 Acq: 23 Jun 2025 17:06

Tgt Ion: 75 Resp: 241787
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2
 39 39.0 30.7 46.1

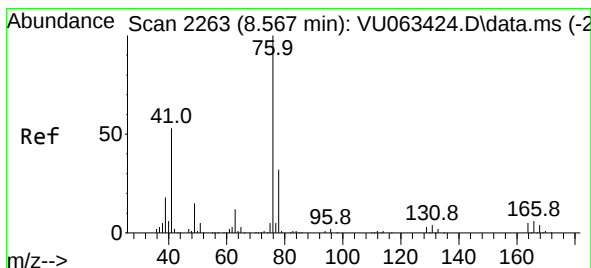
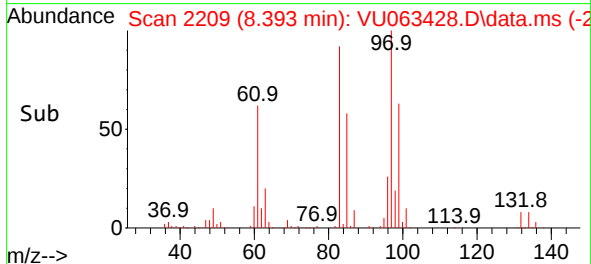
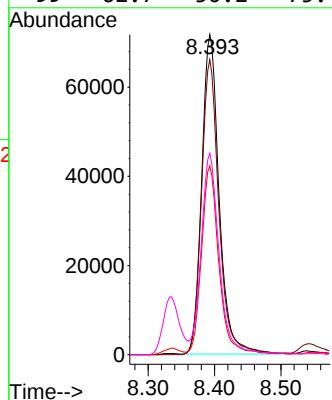
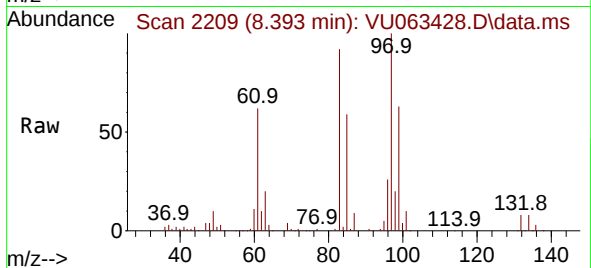




#52
1,1,2-Trichloroethane
Concen: 9.874 ug/l
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

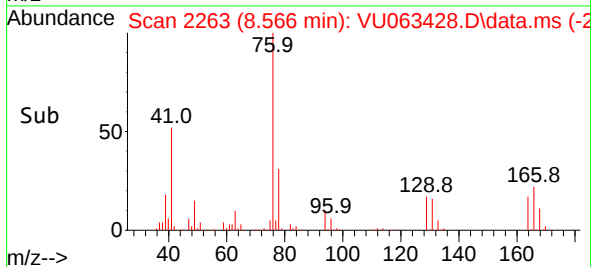
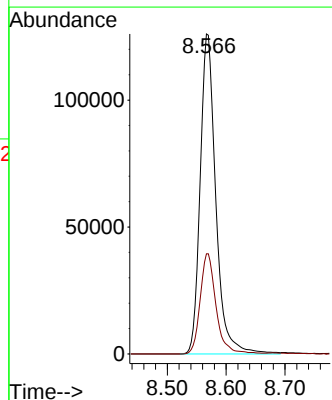
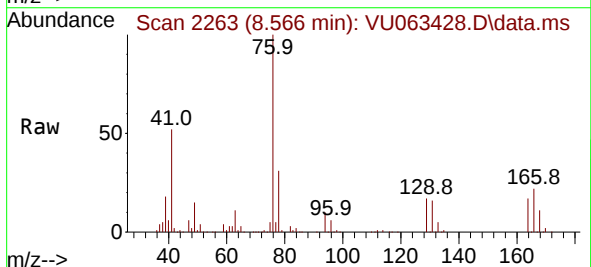
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

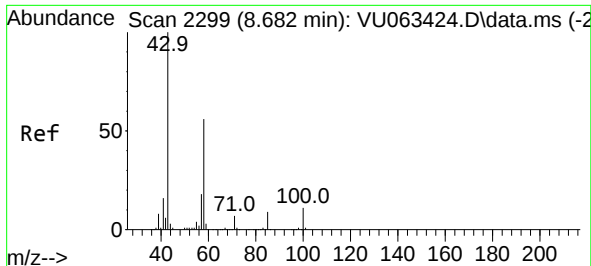
Tgt Ion:	97	Resp:	131028
Ion	Ratio	Lower	Upper
97	100		
83	92.4	74.1	111.1
85	58.8	45.8	68.8
99	62.7	50.2	75.4



#53
1,3-Dichloropropane
Concen: 10.175 ug/l
RT: 8.566 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion:	76	Resp:	232289
Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.7	38.5

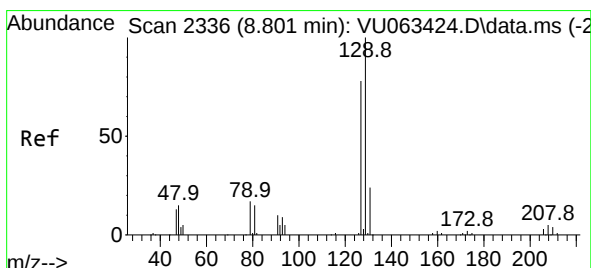
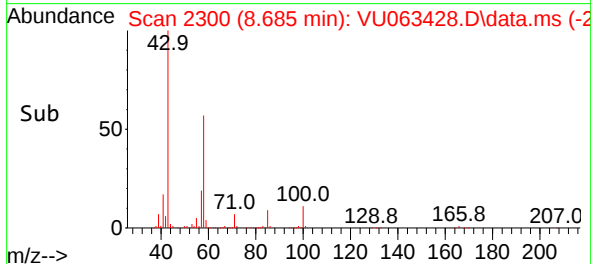
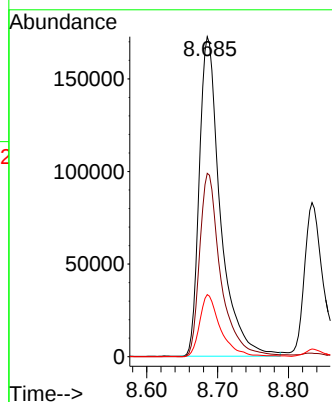
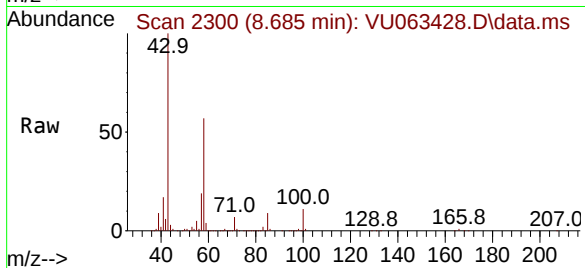




#54
2-Hexanone
Concen: 47.244 ug/l
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

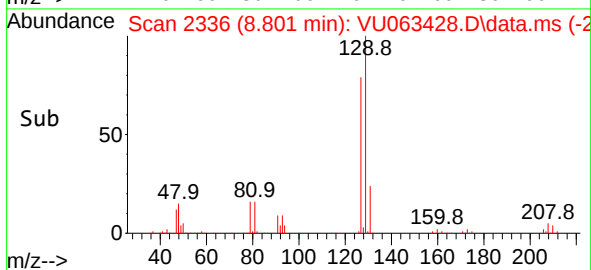
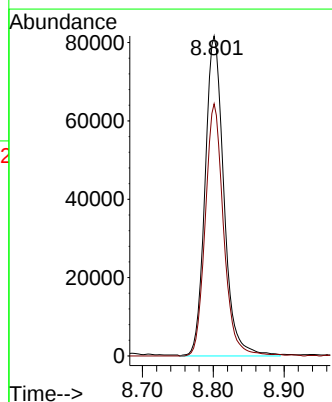
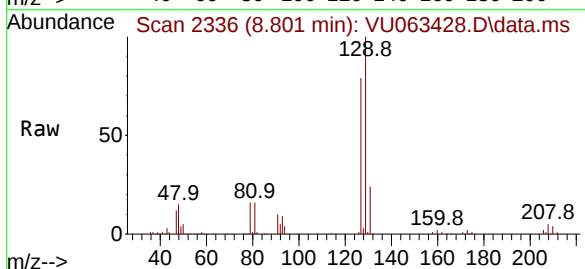
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

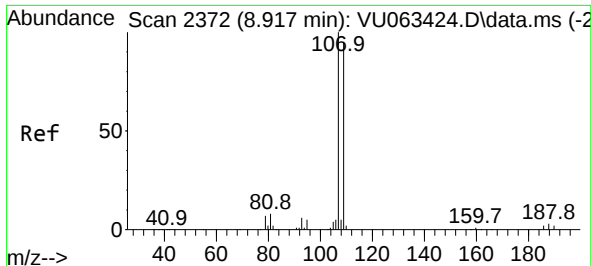
Tgt Ion: 43 Resp: 356851
Ion Ratio Lower Upper
43 100
58 57.6 36.9 76.9
57 19.1 0.0 38.8



#55
Dibromochloromethane
Concen: 11.013 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 129 Resp: 150766
Ion Ratio Lower Upper
129 100
127 76.4 62.6 93.8

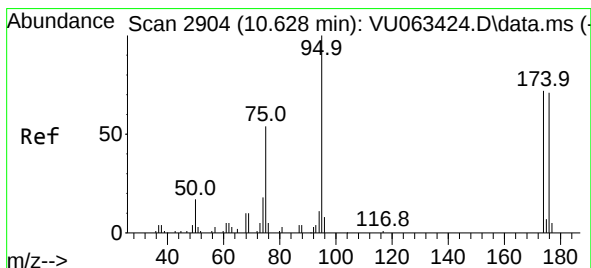
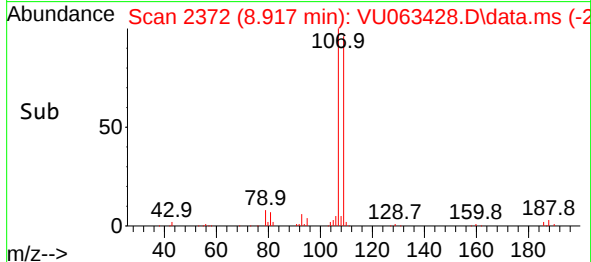
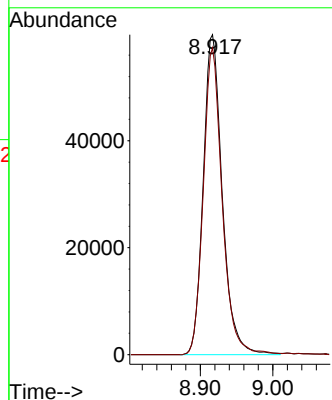
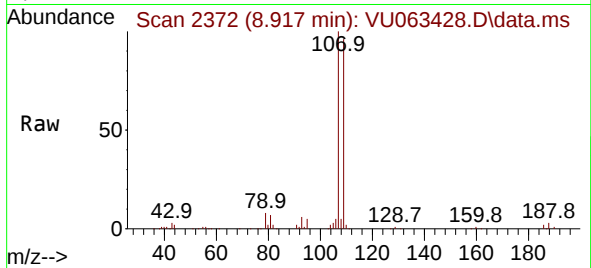




#56
1,2-Dibromoethane
Concen: 10.159 ug/l
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

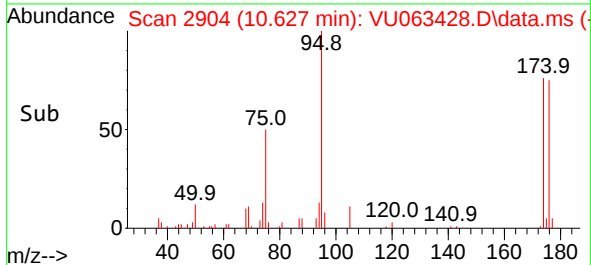
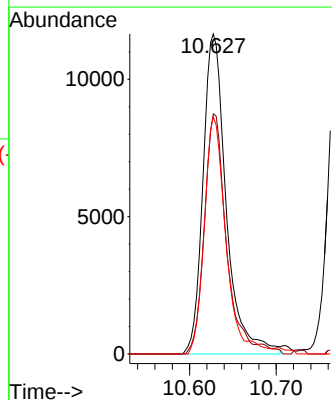
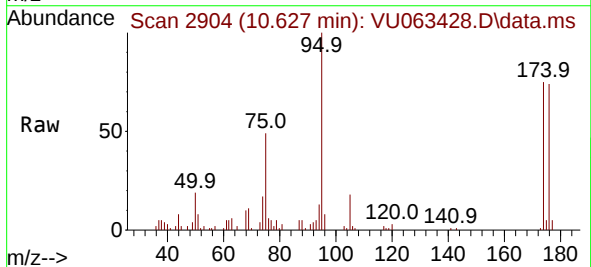
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

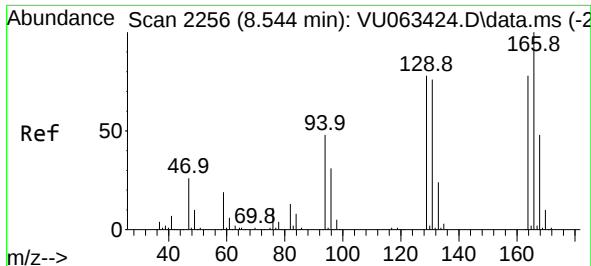
Tgt Ion:107 Resp: 109284
Ion Ratio Lower Upper
107 100
109 94.6 0.0 188.0



#57
4-Bromofluorobenzene
Concen: 1.095 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 95 Resp: 21711
Ion Ratio Lower Upper
95 100
174 69.8 59.4 89.2
176 68.7 57.8 86.6

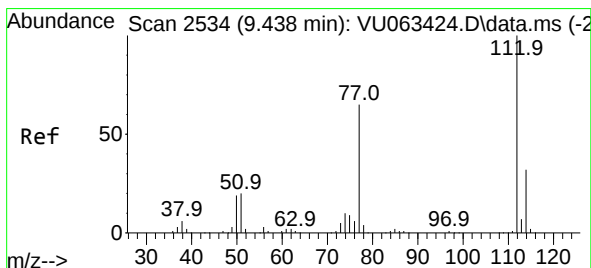
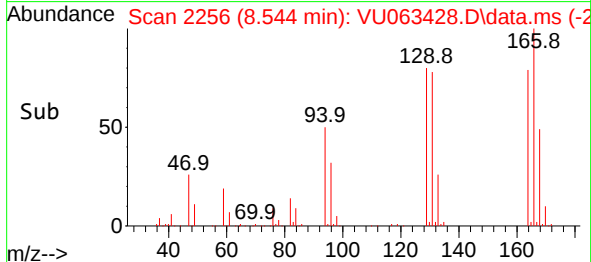
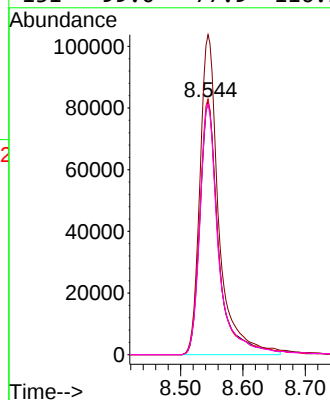
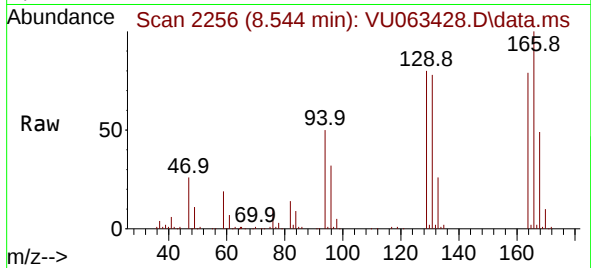




#58
Tetrachloroethene
Concen: 10.482 ug/l
RT: 8.544 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

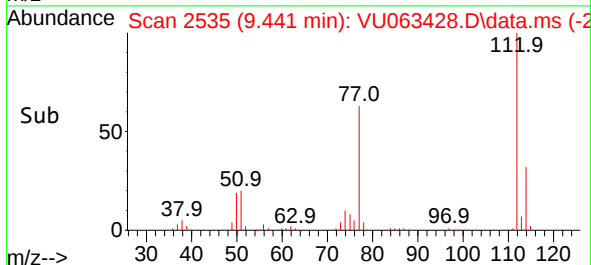
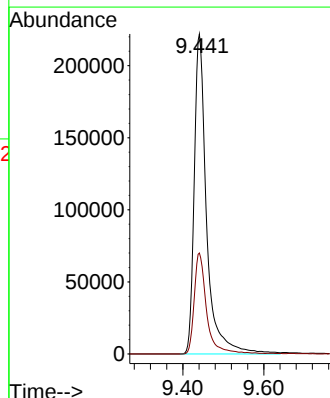
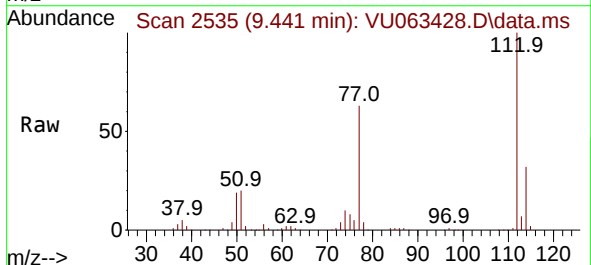
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

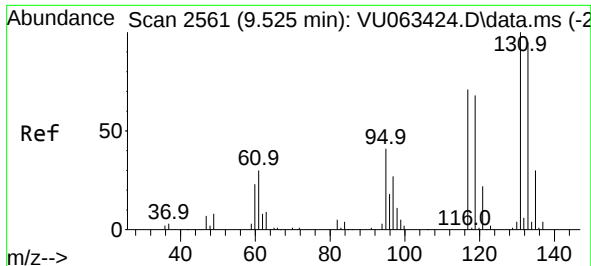
Tgt Ion:164 Resp: 170952
Ion Ratio Lower Upper
164 100
166 126.5 102.8 154.2
129 101.0 80.2 120.2
131 99.0 77.9 116.9



#59
Chlorobenzene
Concen: 11.414 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion:112 Resp: 471976
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

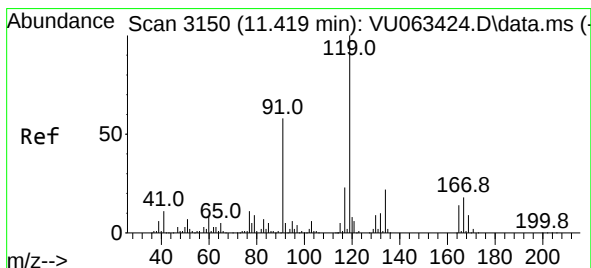
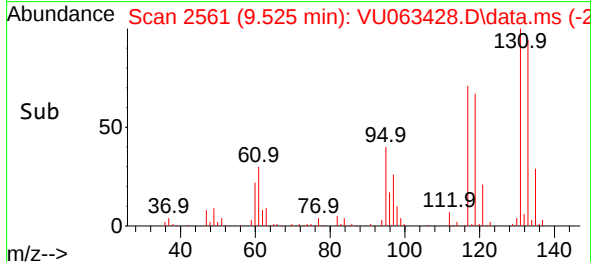
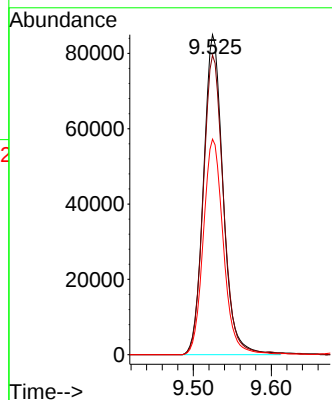
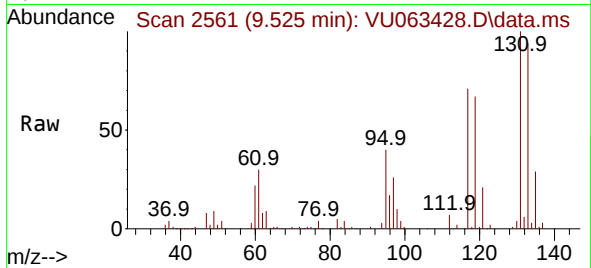




#60
1,1,1,2-Tetrachloroethane
Concen: 9.976 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

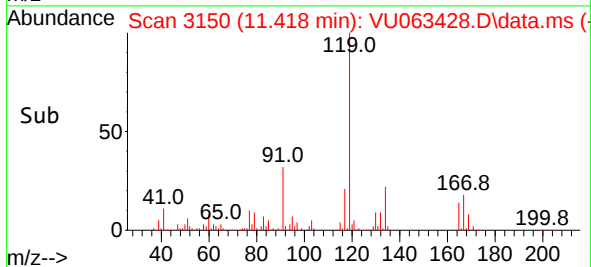
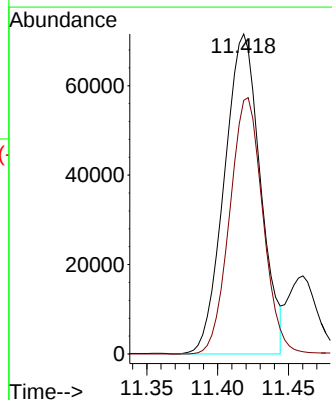
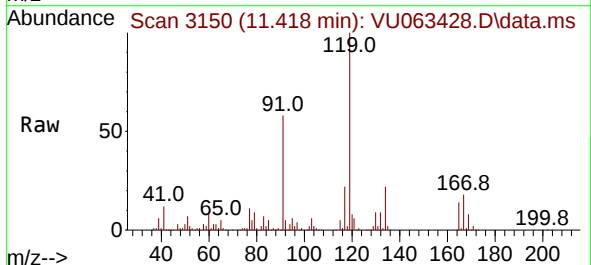
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

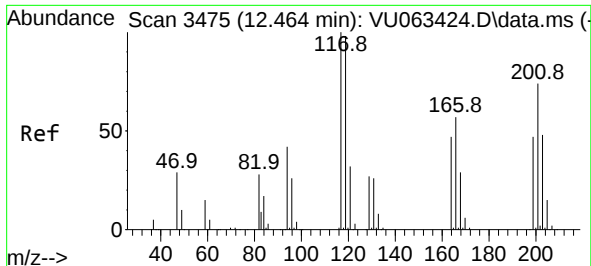
Tgt Ion:131 Resp: 148493
Ion Ratio Lower Upper
131 100
133 95.5 76.1 114.1
119 68.6 53.7 80.5



#61
Pentachloroethane
Concen: 10.467 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion:117 Resp: 126930
Ion Ratio Lower Upper
117 100
167 73.8 58.1 87.1

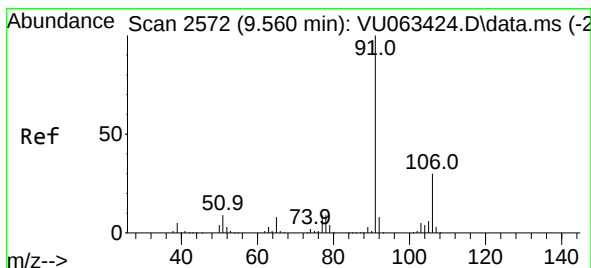
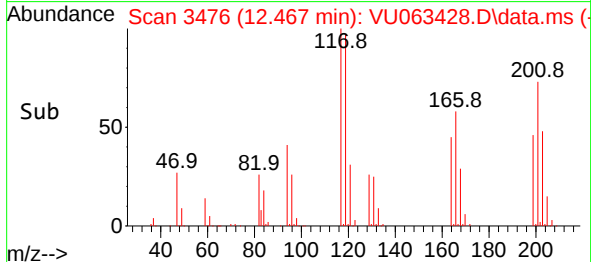
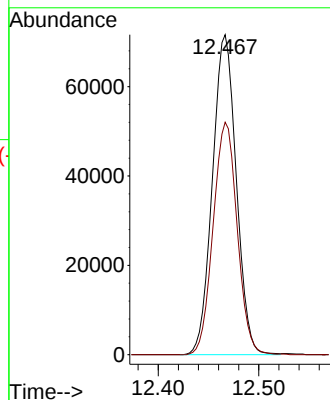
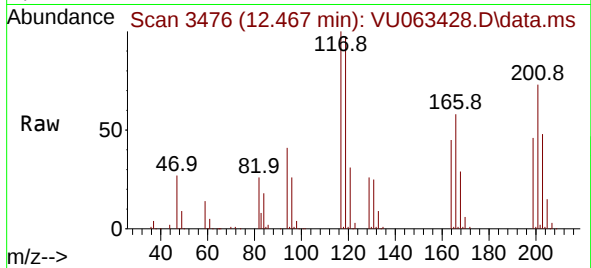




#62
Hexachloroethane
Concen: 10.828 ug/l
RT: 12.467 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

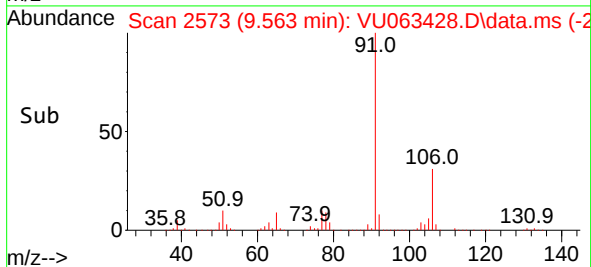
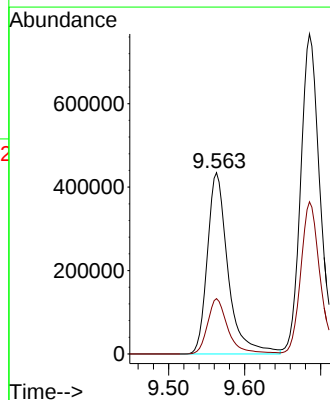
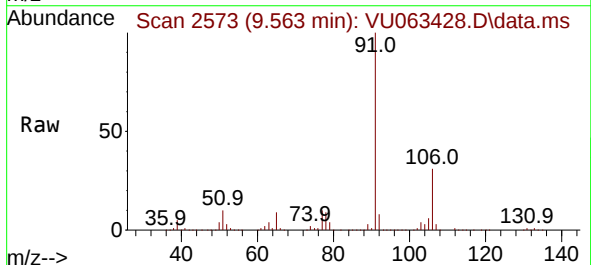
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

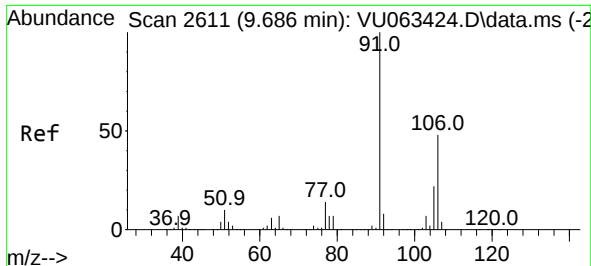
Tgt Ion:117 Resp: 118081
Ion Ratio Lower Upper
117 100
201 73.1 60.4 90.6



#63
Ethyl Benzene
Concen: 12.408 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 91 Resp: 822553
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.2

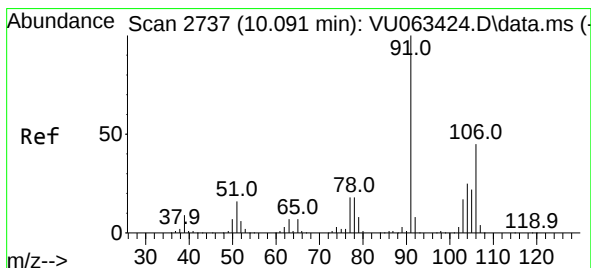
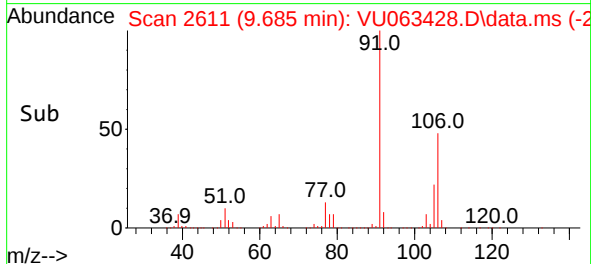
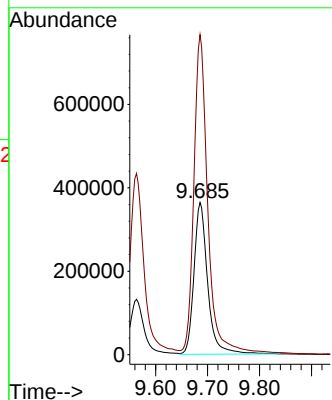
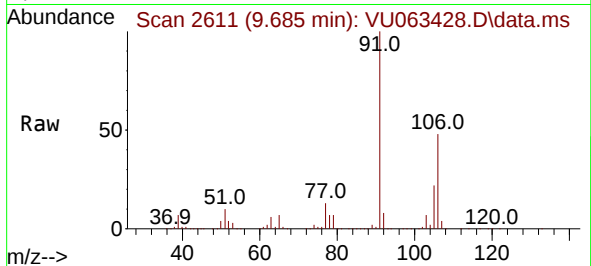




#64
m/p-Xylenes
Concen: 21.238 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.001 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

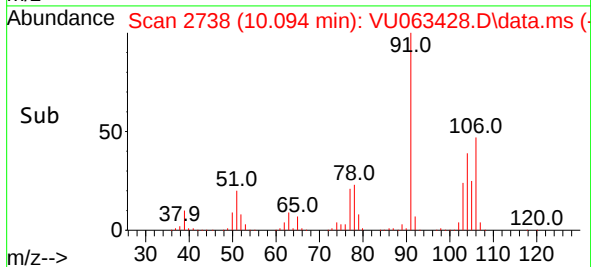
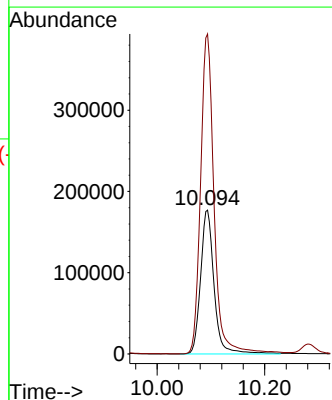
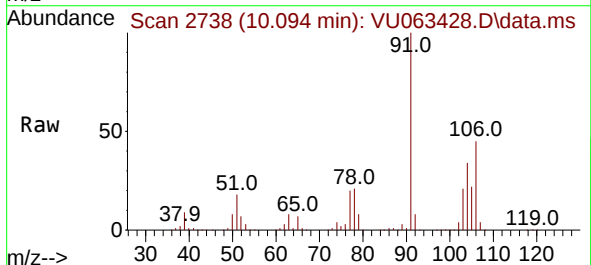
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

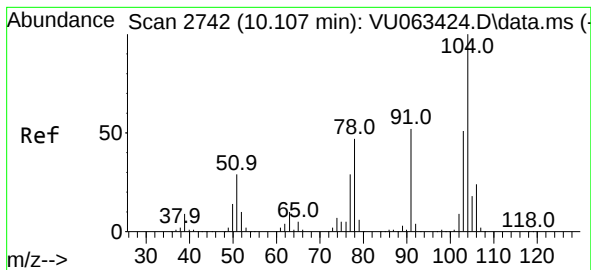
Tgt Ion:106 Resp: 667167
Ion Ratio Lower Upper
106 100
91 216.2 169.9 254.9



#65
o-Xylene
Concen: 12.240 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion:106 Resp: 308269
Ion Ratio Lower Upper
106 100
91 222.6 110.8 332.3





#66

Styrene

Concen: 10.412 ug/l

RT: 10.107 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU062325

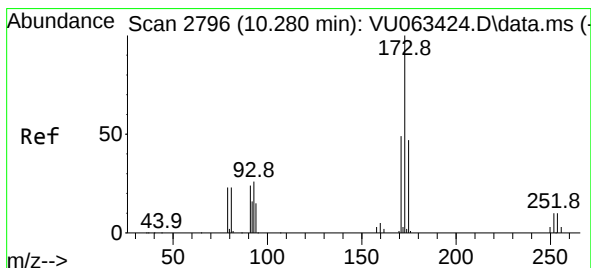
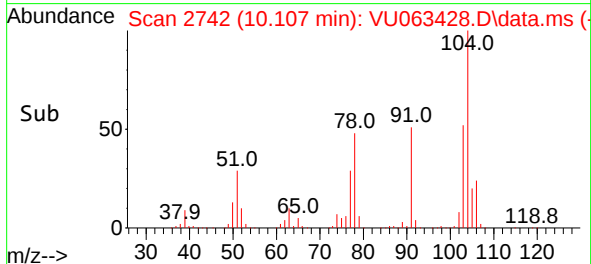
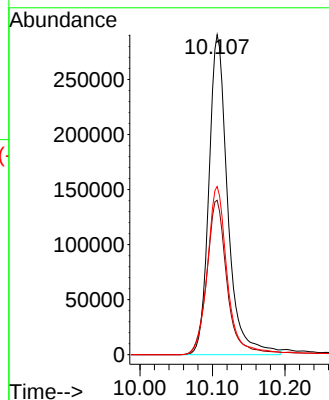
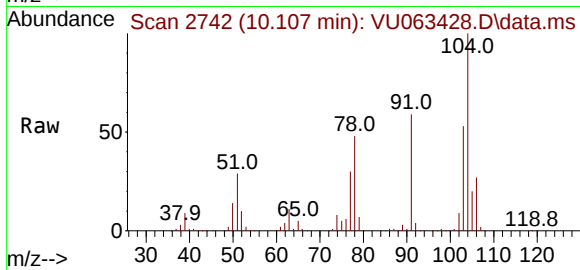
Tgt Ion:104 Resp: 525060

Ion Ratio Lower Upper

104 100

78 52.7 41.6 62.4

103 55.7 44.6 67.0



#67

Bromoform

Concen: 10.701 ug/l

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

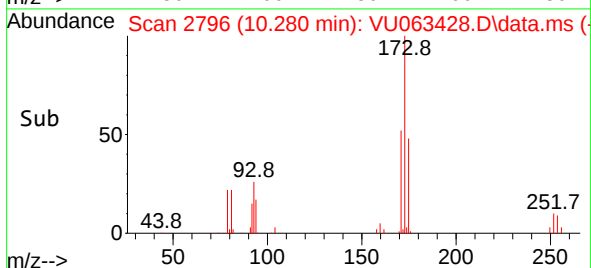
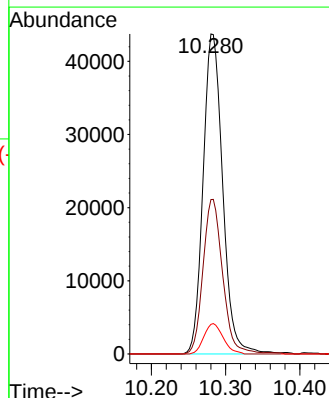
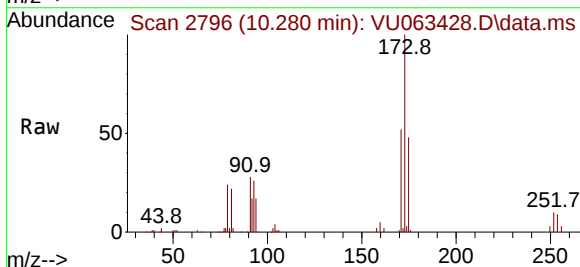
Tgt Ion:173 Resp: 80048

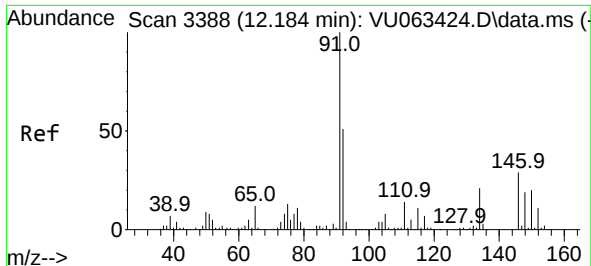
Ion Ratio Lower Upper

173 100

175 48.3 38.2 57.2

254 9.3 7.6 11.4

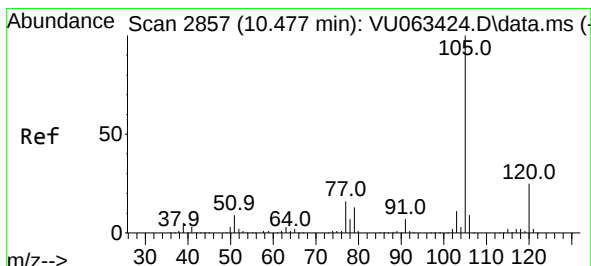
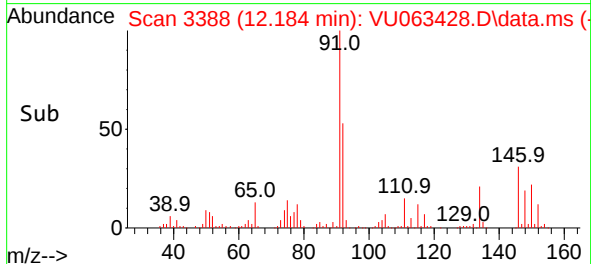
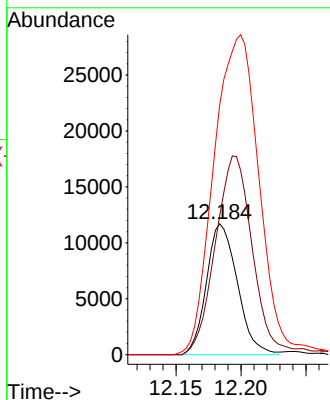
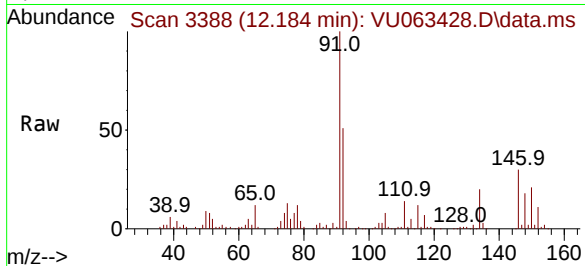




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.972 ug/l
 RT: 12.184 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU063428.D
 Acq: 23 Jun 2025 17:06

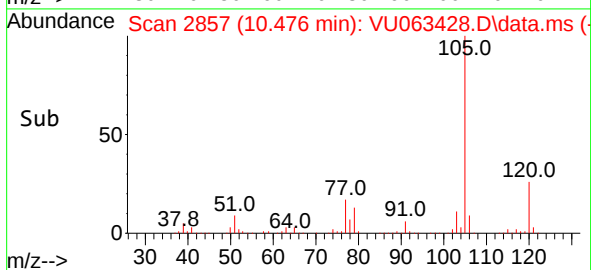
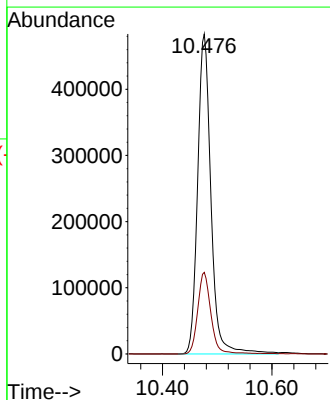
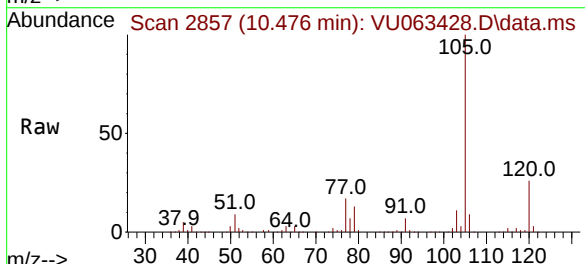
Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU062325

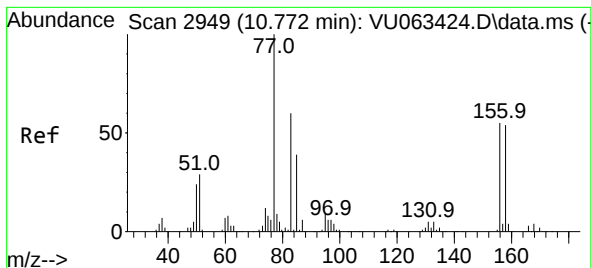
Tgt Ion:152 Resp: 19353
 Ion Ratio Lower Upper
 152 100
 115 184.4 0.0 327.6
 150 359.2 0.0 664.4



#69
 Isopropylbenzene
 Concen: 13.991 ug/l
 RT: 10.476 min Scan# 2857
 Delta R.T. -0.000 min
 Lab File: VU063428.D
 Acq: 23 Jun 2025 17:06

Tgt Ion:105 Resp: 816309
 Ion Ratio Lower Upper
 105 100
 120 25.5 12.7 38.1

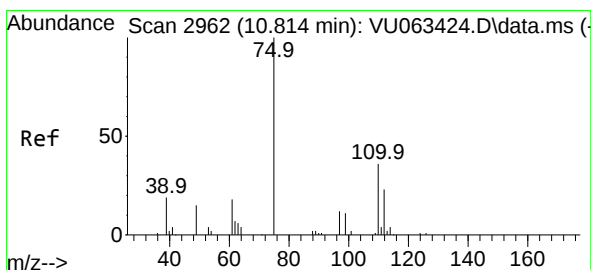
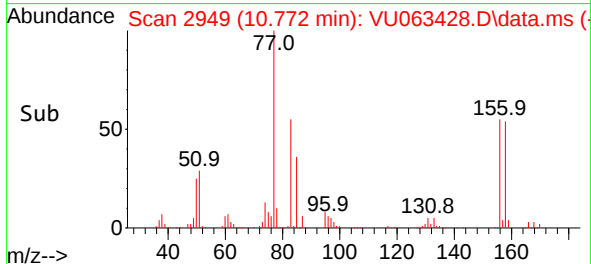
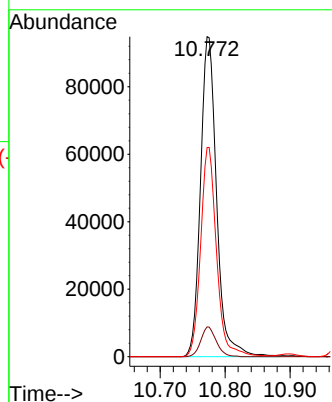
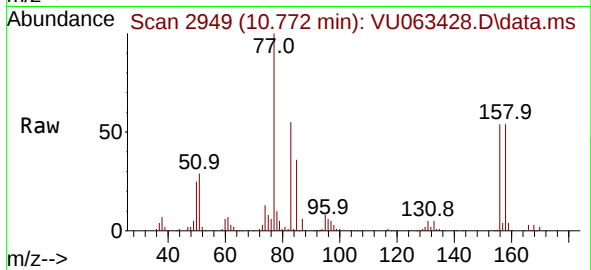




#70
 1,1,2-Tetrachloroethane
 Concen: 9.680 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063428.D
 Acq: 23 Jun 2025 17:06

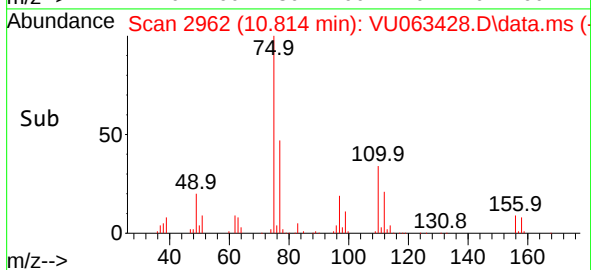
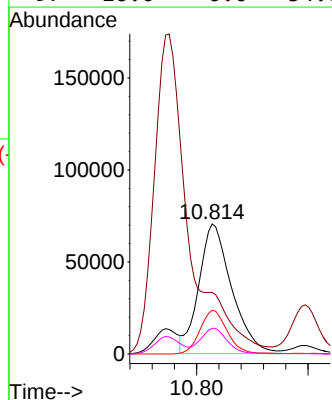
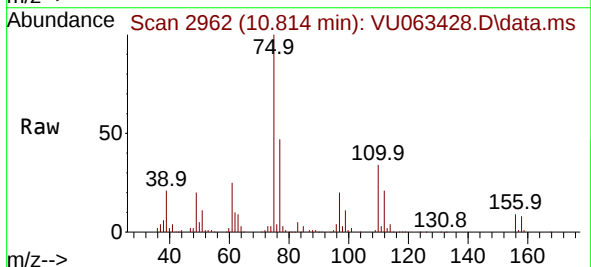
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU062325

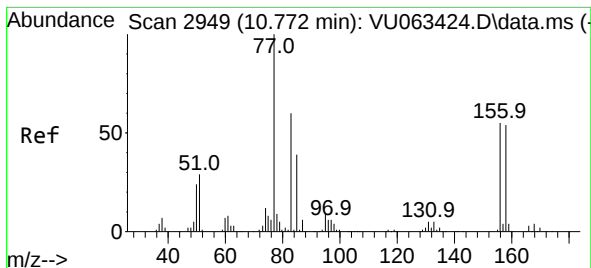
Tgt Ion: 83 Resp: 164306
 Ion Ratio Lower Upper
 83 100
 131 8.9 7.4 11.0
 85 64.5 51.3 76.9



#71
 1,2,3-Trichloropropane
 Concen: 10.429 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: VU063428.D
 Acq: 23 Jun 2025 17:06

Tgt Ion: 75 Resp: 144568
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0
 110 28.1 0.0 63.4
 97 16.0 0.0 34.0





#72

Bromobenzene

Concen: 11.207 ug/l

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU062325

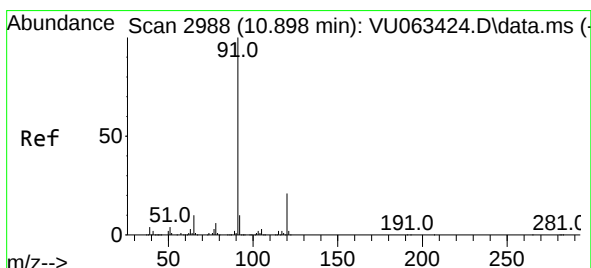
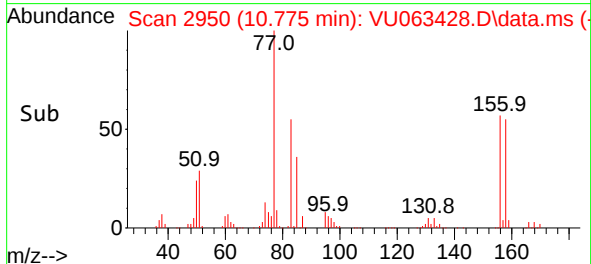
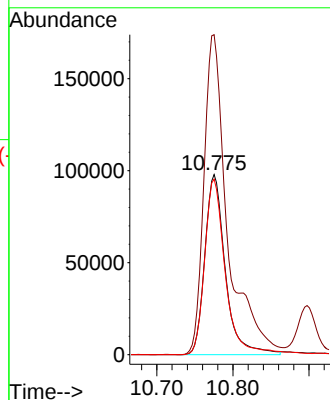
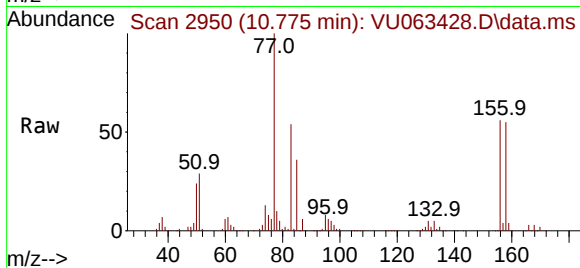
Tgt Ion:156 Resp: 183543

Ion Ratio Lower Upper

156 100

77 205.6 0.0 416.2

158 99.2 0.0 190.6



#73

n-propylbenzene

Concen: 10.430 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. -0.001 min

Lab File: VU063428.D

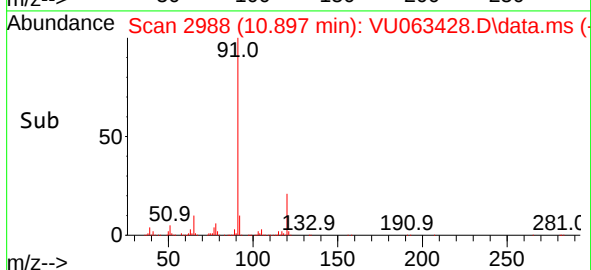
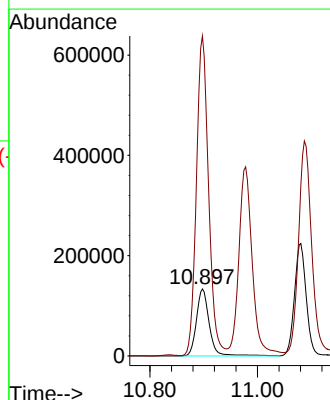
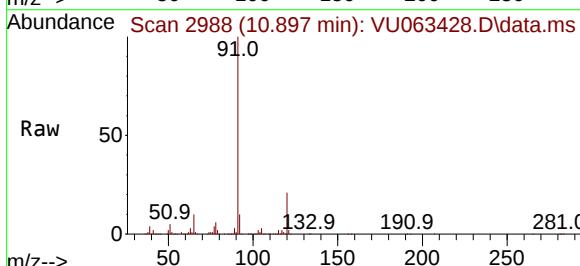
Acq: 23 Jun 2025 17:06

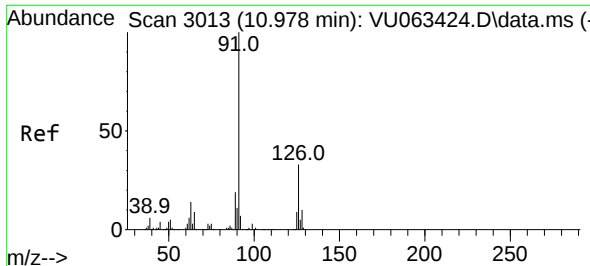
Tgt Ion:120 Resp: 220986

Ion Ratio Lower Upper

120 100

91 453.8 373.7 560.5

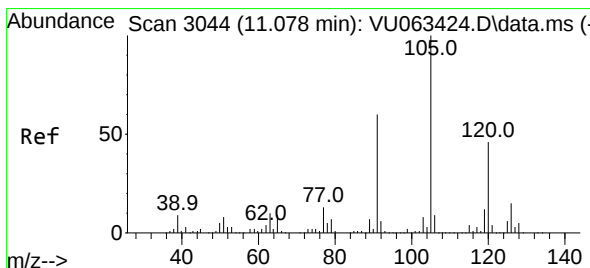
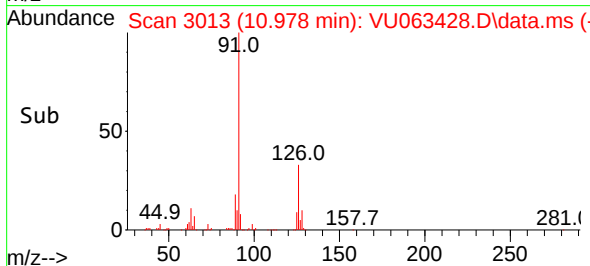
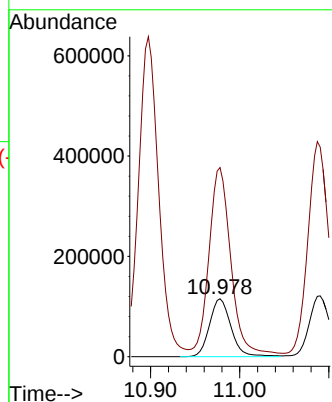
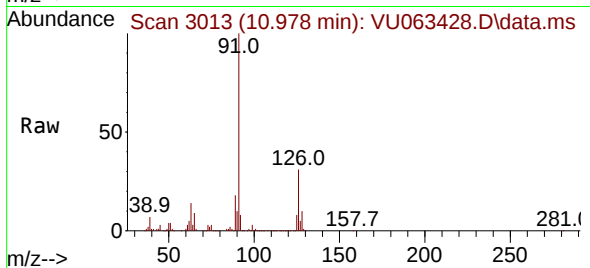




#74
2-Chlorotoluene
Concen: 11.949 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

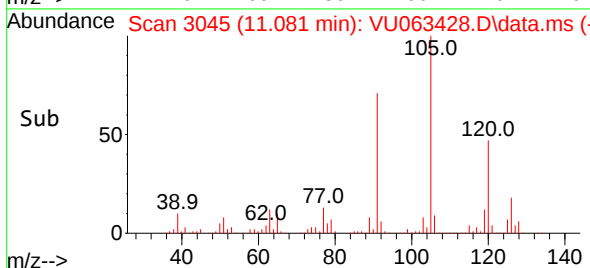
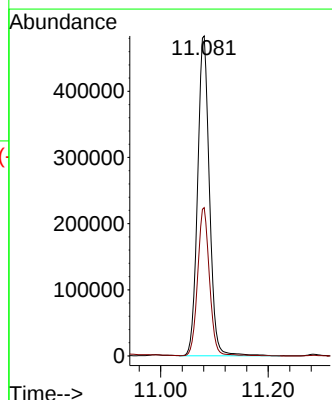
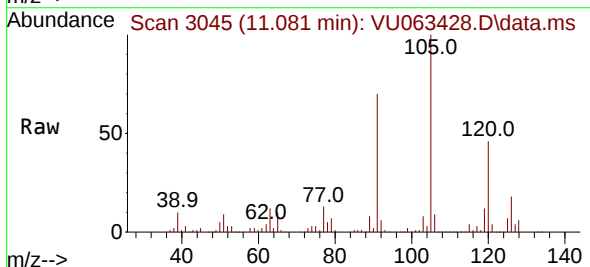
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

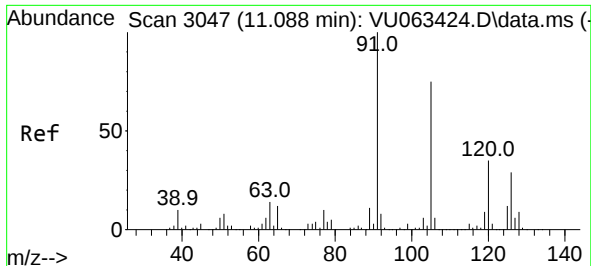
Tgt Ion:126 Resp: 193448
Ion Ratio Lower Upper
126 100
91 337.5 0.0 650.8



#75
1,3,5-Trimethylbenzene
Concen: 10.587 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion:105 Resp: 736912
Ion Ratio Lower Upper
105 100
120 45.9 37.0 55.4

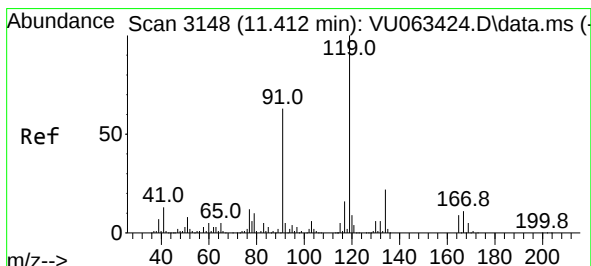
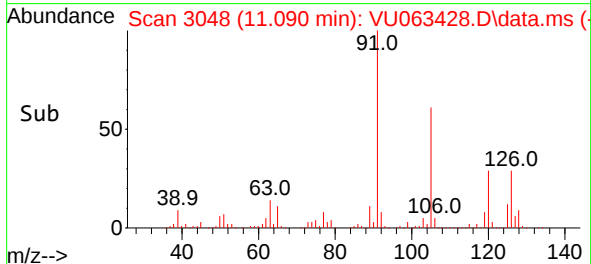
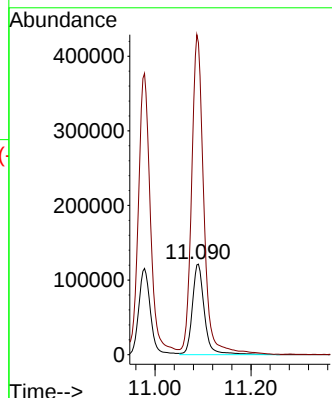
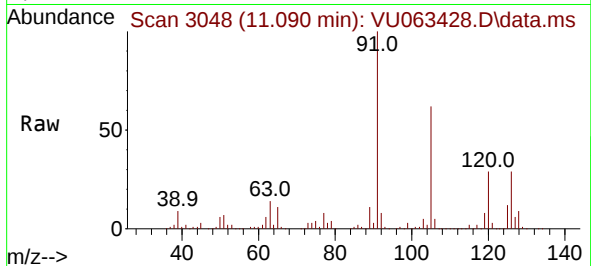




#76
4-Chlorotoluene
Concen: 12.465 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

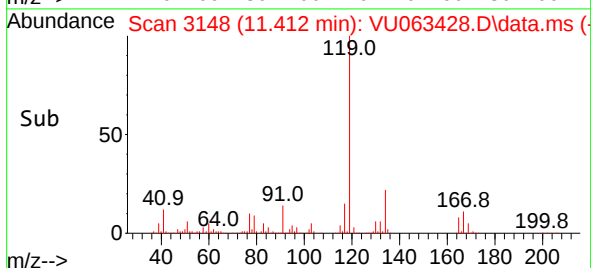
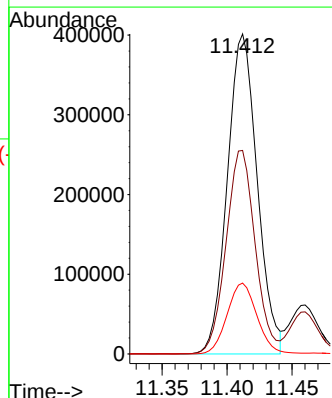
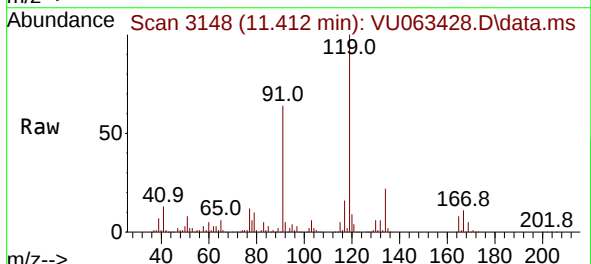
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

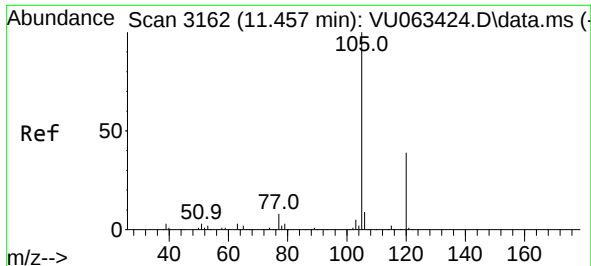
Tgt Ion:126 Resp: 211375
Ion Ratio Lower Upper
126 100
91 356.6 0.0 713.2



#77
tert-Butylbenzene
Concen: 11.997 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion:119 Resp: 643149
Ion Ratio Lower Upper
119 100
91 62.0 30.9 92.7
134 22.2 17.9 26.9

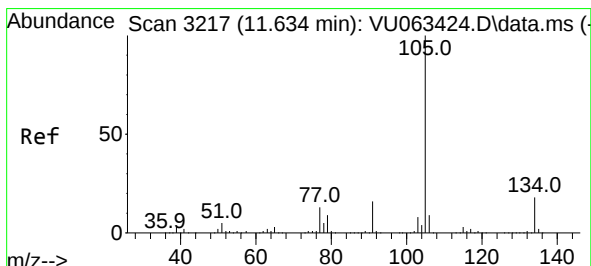
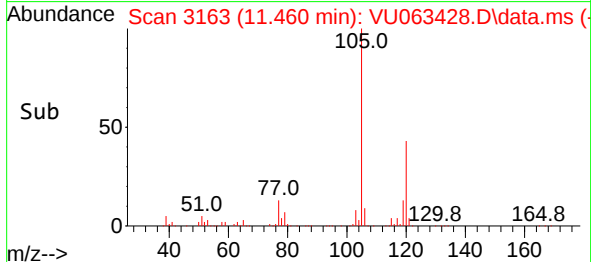
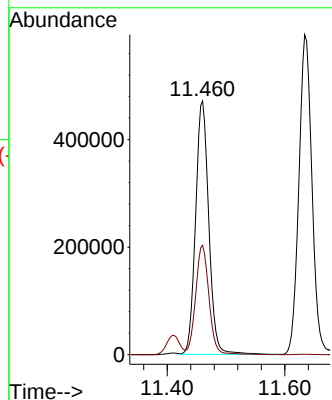
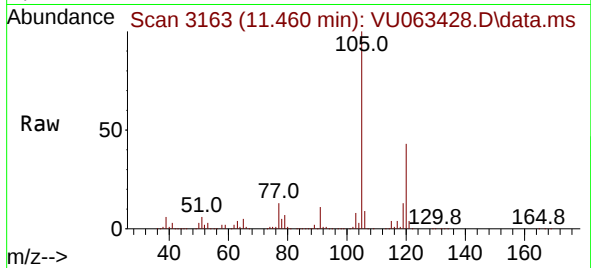




#78
1,2,4-Trimethylbenzene
Concen: 10.383 ug/l
RT: 11.460 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

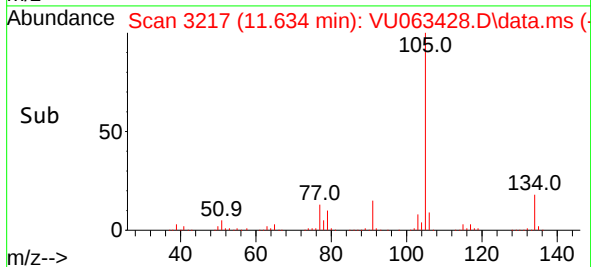
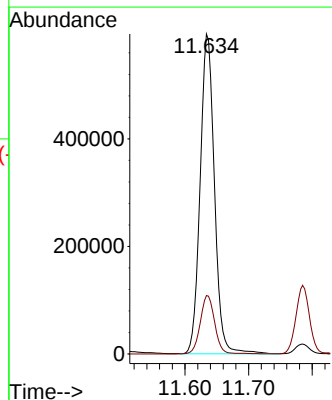
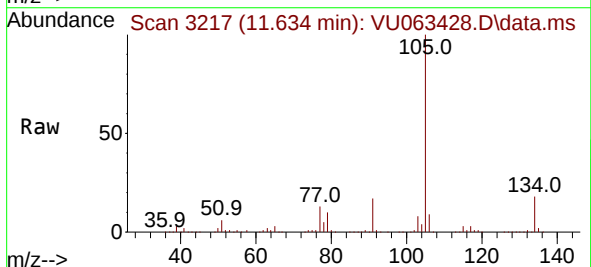
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

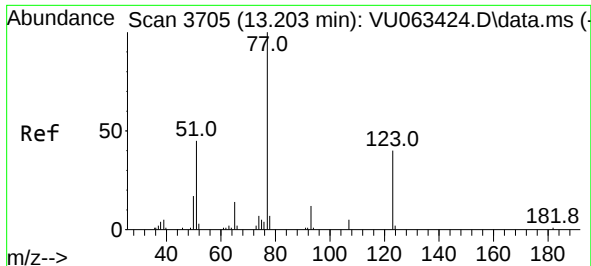
Tgt Ion:105 Resp: 734002
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.5



#79
sec-Butylbenzene
Concen: 12.220 ug/l
RT: 11.634 min Scan# 3217
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion:105 Resp: 927835
Ion Ratio Lower Upper
105 100
134 18.6 14.8 22.2

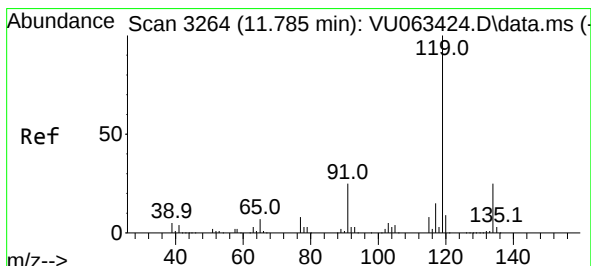
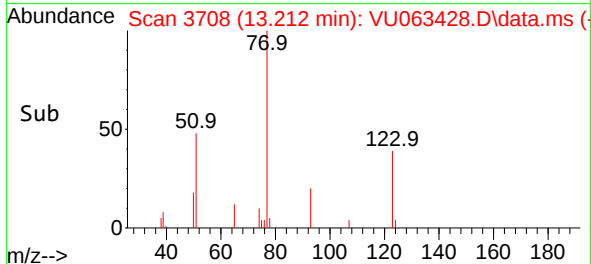
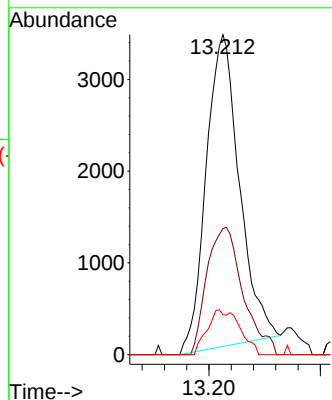
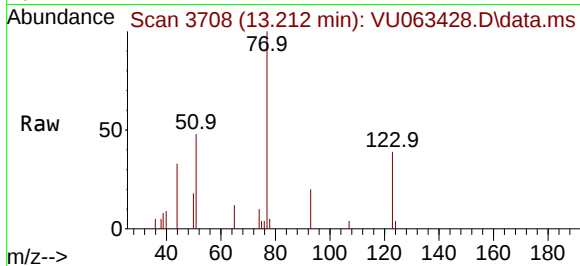




#80
Nitrobenzene
Concen: 10.100 ug/l
RT: 13.212 min Scan# 3708
Delta R.T. 0.009 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

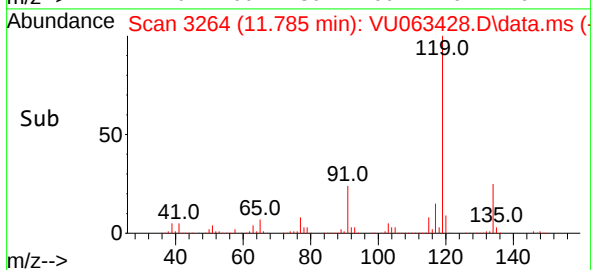
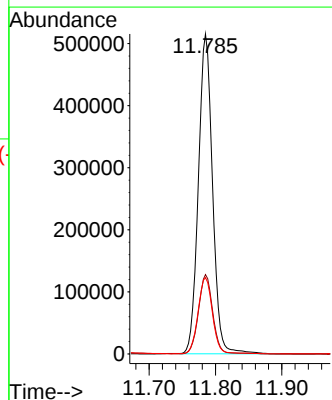
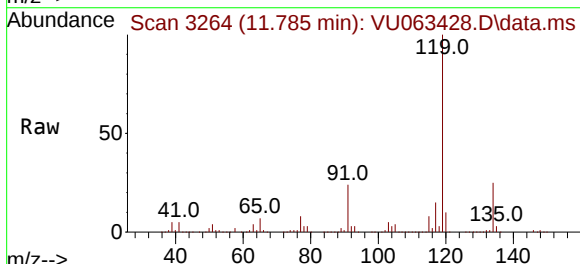
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

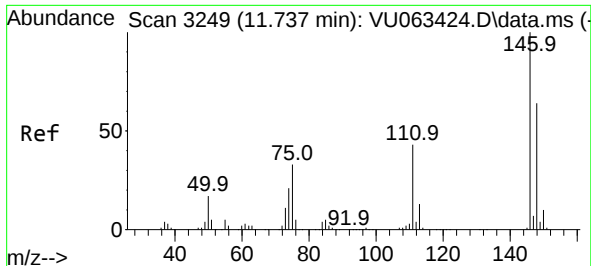
Tgt Ion: 77 Resp: 7053
Ion Ratio Lower Upper
77 100
123 44.2 19.6 69.6
65 14.0 10.6 13.4#



#81
p-Isopropyltoluene
Concen: 10.473 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion: 119 Resp: 766063
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.2
91 24.2 19.7 29.5





#82

1,3-Dichlorobenzene

Concen: 11.397 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU062325

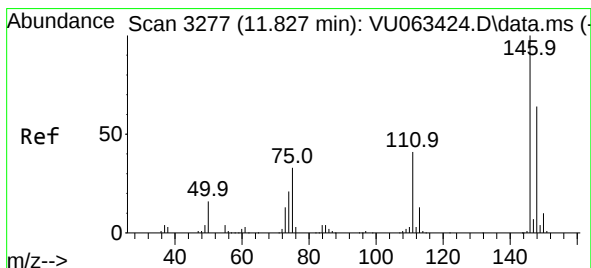
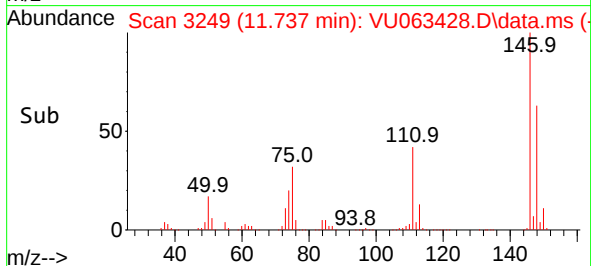
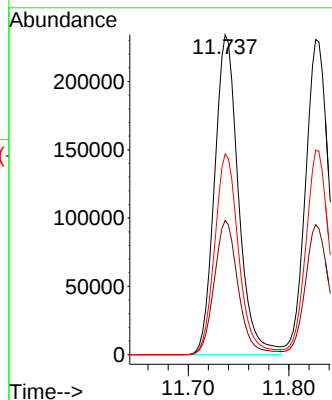
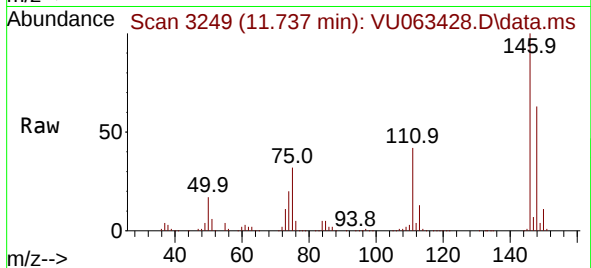
Tgt Ion:146 Resp: 386661

Ion Ratio Lower Upper

146 100

111 42.0 34.3 51.5

148 63.3 51.0 76.4



#83

1,4-Dichlorobenzene

Concen: 11.345 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

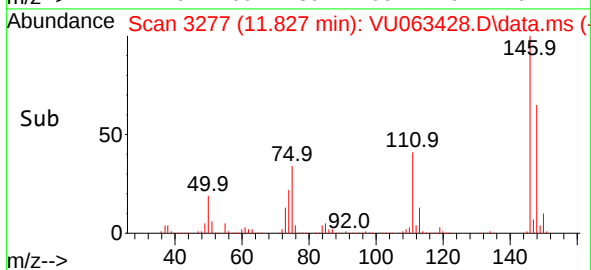
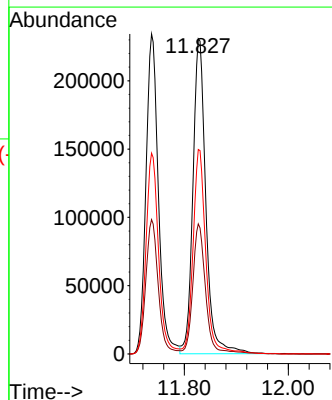
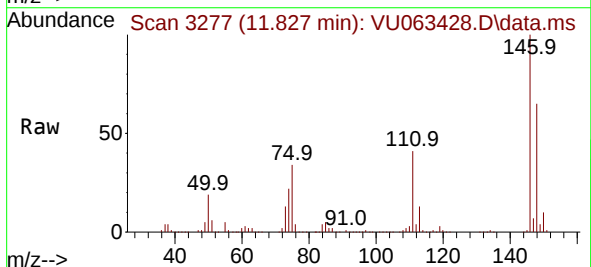
Tgt Ion:146 Resp: 399351

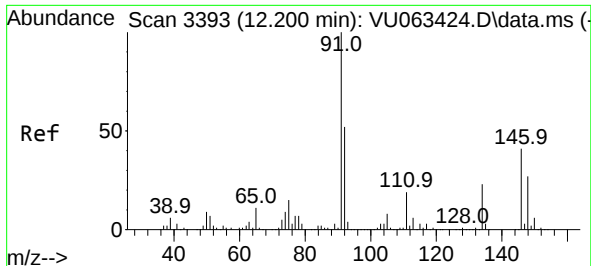
Ion Ratio Lower Upper

146 100

111 40.8 31.7 47.5

148 64.1 51.4 77.0

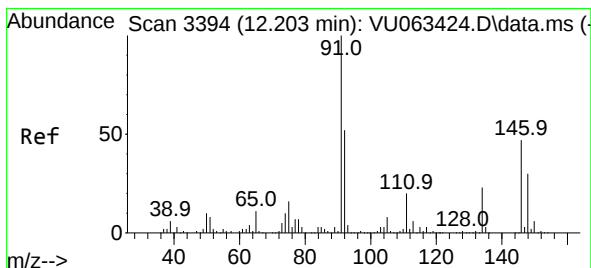
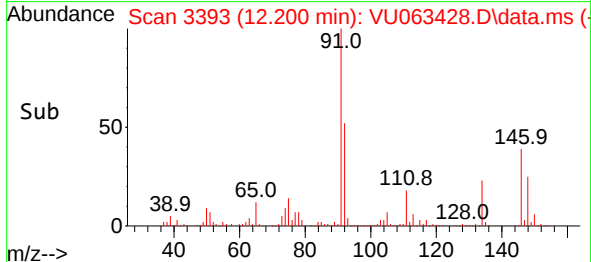
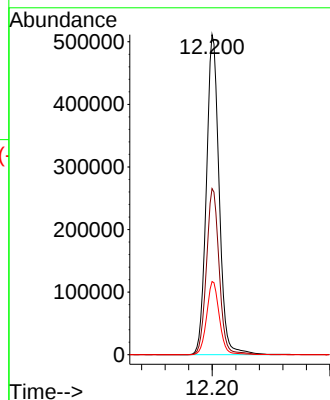
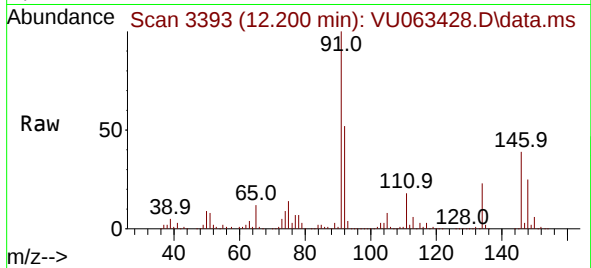




#84
n-Butylbenzene
Concen: 12.351 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

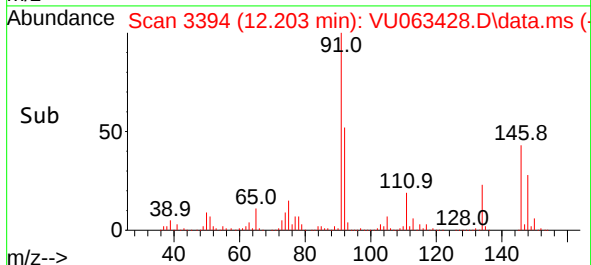
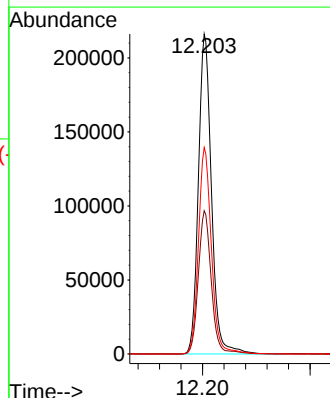
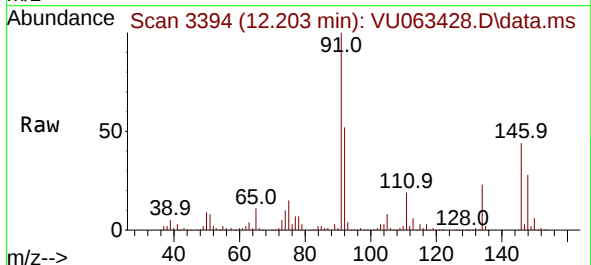
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

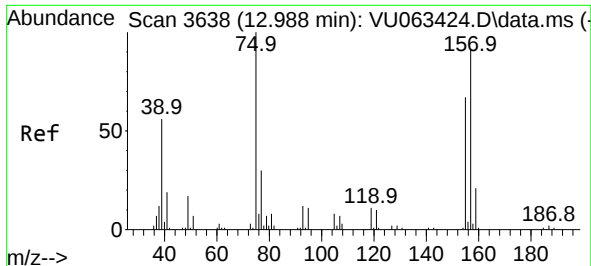
Tgt Ion: 91 Resp: 767664
Ion Ratio Lower Upper
91 100
92 52.0 41.0 61.6
134 22.8 18.5 27.7



#85
1,2-Dichlorobenzene
Concen: 11.216 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion:146 Resp: 364173
Ion Ratio Lower Upper
146 100
111 44.4 21.8 65.4
148 64.1 32.3 96.9

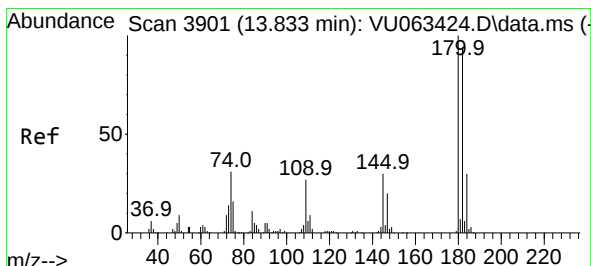
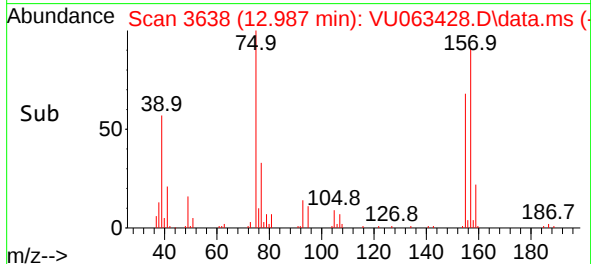
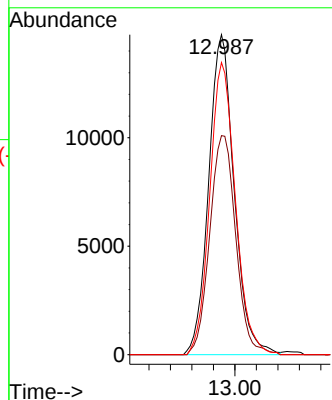
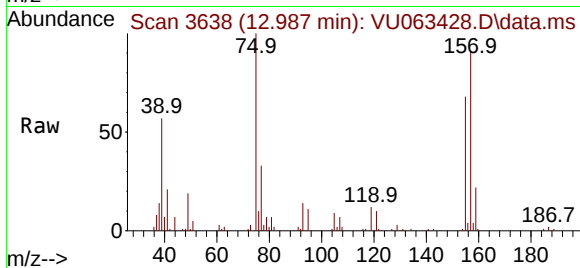




#86
1,2-Dibromo-3-Chloropropane
Concen: 10.426 ug/l
RT: 12.987 min Scan# 30
Delta R.T. -0.001 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

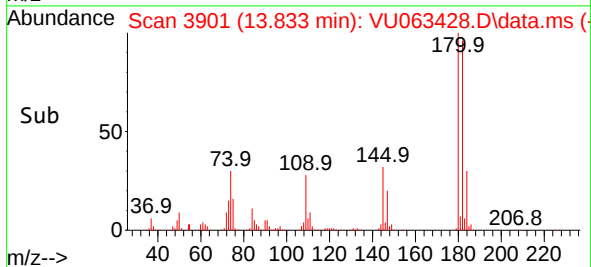
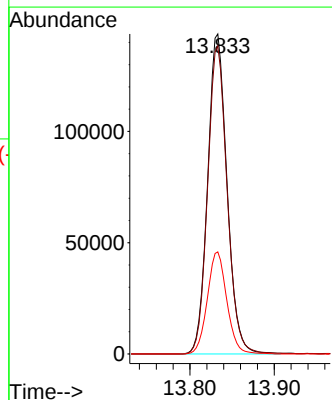
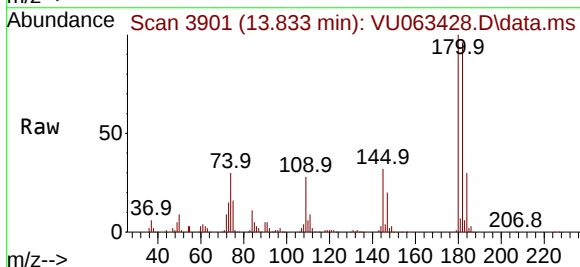
Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

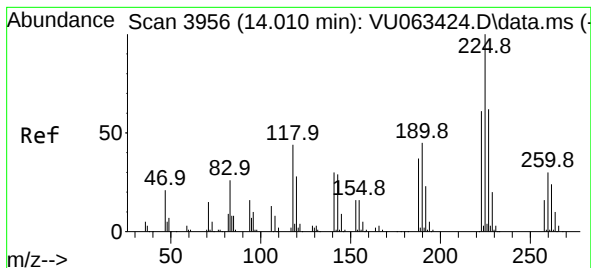
Tgt Ion: 75 Resp: 24327
Ion Ratio Lower Upper
75 100
155 69.9 59.7 89.5
157 91.5 75.0 112.4



#87
1,2,4-Trichlorobenzene
Concen: 12.757 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063428.D
Acq: 23 Jun 2025 17:06

Tgt Ion:180 Resp: 230949
Ion Ratio Lower Upper
180 100
182 96.7 75.6 113.4
145 32.0 24.6 36.8





#88

Hexachlorobutadiene

Concen: 10.514 ug/l

RT: 14.013 min Scan# 3956

Delta R.T. 0.003 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU062325

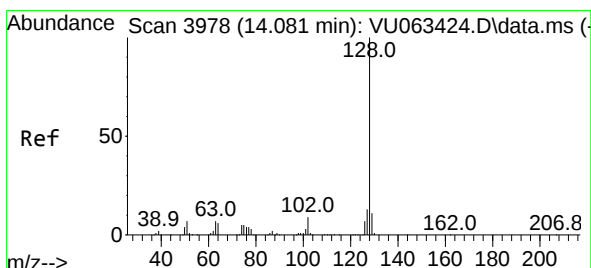
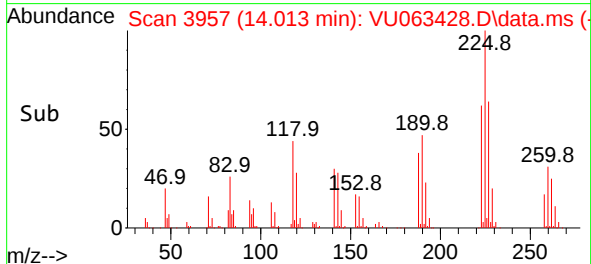
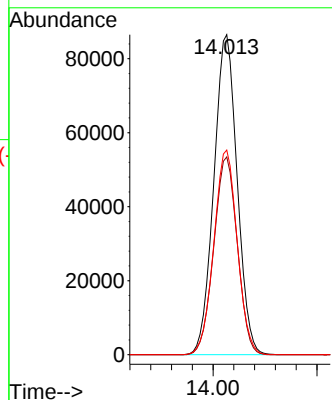
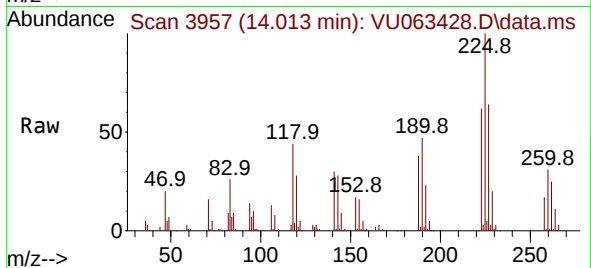
Tgt Ion:225 Resp: 134947

Ion Ratio Lower Upper

225 100

223 62.1 50.0 75.0

227 64.1 51.5 77.3



#89

Naphthalene

Concen: 10.410 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU063428.D

Acq: 23 Jun 2025 17:06

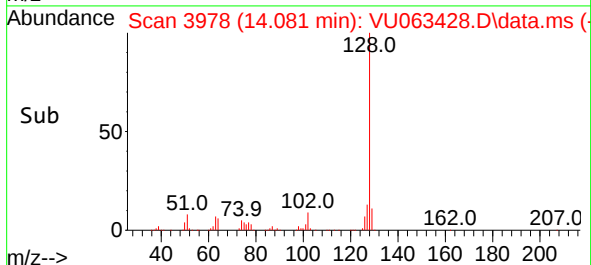
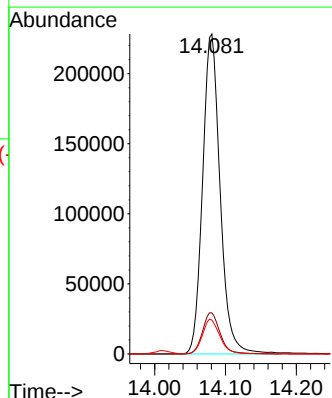
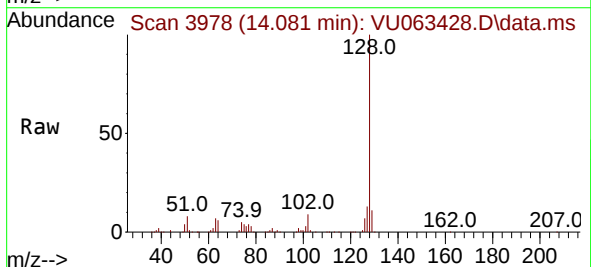
Tgt Ion:128 Resp: 392084

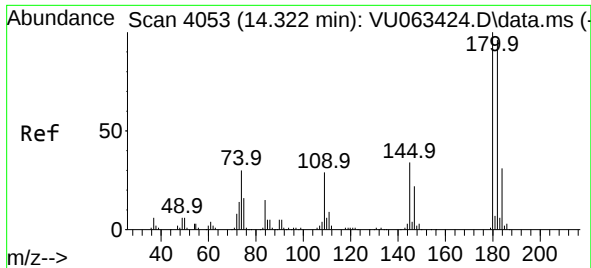
Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

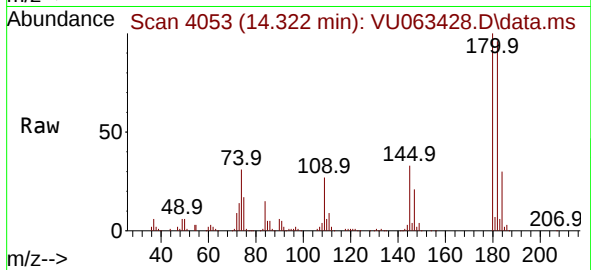
129 10.9 8.7 13.1





#90
 1,2,3-Trichlorobenzene
 Concen: 11.438 ug/l
 RT: 14.322 min Scan# 4053
 Delta R.T. -0.000 min
 Lab File: VU063428.D
 Acq: 23 Jun 2025 17:06

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU062325



Tgt Ion:180 Resp: 205894

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
145	33.4	27.4	41.2

