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 Data File : VU063592.D
 Acq On : 16 Sep 2025 13:40
 Operator : MD/SY
 Sample : Q2893-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 03:30:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Sep 17 03:28:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	30672	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	10850	0.950	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	10551	0.906	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	2835	0.280	ug/l	92
3) Chloromethane	1.518	50	3632	0.366	ug/l	92
4) Vinyl Chloride	1.596	62	3333	0.310	ug/l	95
5) Bromomethane	1.840	94	2745	0.414	ug/l	91
6) Chloroethane	1.920	64	2107	0.305	ug/l	95
7) Trichlorofluoromethane	2.126	101	4420	0.280	ug/l	92
8) 1,1,2-Trichloro-1,2,2-...	2.563	101	2360	0.267	ug/l #	84
9) 1,1-Dichloroethene	2.570	96	2264	0.283	ug/l	89
10) Iodomethane	2.708	142	3657	0.318	ug/l	99
11) Allyl Chloride	2.911	41	4313	0.325	ug/l	85
12) Acrylonitrile	3.306	53	1384	0.572	ug/l	88
13) Acetone	2.621	43	6342	1.852	ug/l	96
14) Carbon Disulfide	2.772	76	4193	0.251	ug/l #	88
15) Methylene Chloride	3.026	84	5352	0.507	ug/l	96
16) trans-1,2-Dichloroethene	3.332	96	2686	0.315	ug/l	95
17) 1,1-Dichloroethane	3.846	63	5854	0.300	ug/l #	87
18) 2-Butanone	4.718	43	5995	1.537	ug/l	86
19) Cyclohexane	5.361	56	4905	0.314	ug/l	99
20) Methylcyclohexane	6.740	83	3716	0.259	ug/l	91
21) 2,2-Dichloropropane	4.640	77	4266	0.296	ug/l #	72
22) cis-1,2-Dichloroethene	4.647	96	3109	0.297	ug/l	92
23) Diethyl Ether	2.367	59	2143	0.303	ug/l #	82
24) tert-Butyl Alcohol	3.184	59	3632	3.868	ug/l #	84
25) Methyl tert-Butyl Ether	3.361	73	7210	0.302	ug/l #	78
26) Bromochloromethane	4.946	128	589	0.139	ug/l #	1
27) Chloroform	5.074	83	6311	0.323	ug/l	94
28) 1,1,1-Trichloroethane	5.293	97	4167	0.278	ug/l	99
29) 1,1-Dichloropropene	5.502	75	4147	0.297	ug/l	95
30) Carbon Tetrachloride	5.499	117	3027	0.274	ug/l	95
31) Isopropyl Ether	3.997	45	10986	0.336	ug/l	99
32) Ethyl-t-butyl ether	4.505	59	8900	0.319	ug/l	97
33) Tert-Amyl methyl ether	5.946	73	7533	0.317	ug/l	96
34) Propionitrile	4.788	54	1528	1.675	ug/l #	69
35) Benzene	5.756	78	13408	0.334	ug/l	93
36) 1,2-Dichloroethane	5.782	62	4482	0.331	ug/l #	84
37) Trichloroethene	6.525	130	2701	0.270	ug/l	99
38) 1,2-Dichloropropane	6.785	63	3057	0.287	ug/l #	81
39) Methacrylonitrile	4.972	41	1890	0.439	ug/l #	70
40) Methyl acrylate	4.843	55	1184	0.201	ug/l #	78
41) Tetrahydrofuran	5.058	42	2041	0.909	ug/l	89
42) 1-Chlorobutane	5.438	56	6524	0.334	ug/l	98
43) Dibromomethane	6.904	93	1472	0.289	ug/l	89
44) Bromodichloromethane	7.094	83	2827	0.260	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091625\
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 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

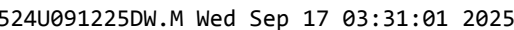
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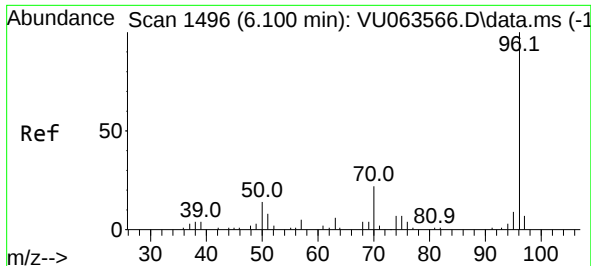
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Sep 17 03:28:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	9429	1.477	ug/l	95
46) t-1,4-Dichloro-2-butene	10.817	75	2772	1.160	ug/l #	62
47) Methyl methacrylate	6.972	69	2191	0.480	ug/l	84
48) Ethyl methacrylate	8.338	69	2137	0.253	ug/l	93
49) Toluene	7.962	92	6319	0.290	ug/l	93
50) t-1,3-Dichloropropene	8.203	75	1905	0.233	ug/l	97
51) cis-1,3-Dichloropropene	7.602	75	2775	0.256	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	2028	0.281	ug/l	93
53) 1,3-Dichloropropane	8.570	76	3488	0.278	ug/l	91
54) 2-Hexanone	8.695	43	6020	1.290	ug/l	99
55) Dibromochloromethane	8.804	129	1707	0.244	ug/l	87
56) 1,2-Dibromoethane	8.920	107	1526	0.245	ug/l	91
58) Tetrachloroethene	8.544	164	2803	0.285	ug/l #	82
59) Chlorobenzene	9.441	112	6800	0.271	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.528	131	2112	0.258	ug/l	95
61) Pentachloroethane	11.418	117	1436	0.244	ug/l	98
62) Hexachloroethane	12.466	117	1163	0.228	ug/l	90
63) Ethyl Benzene	9.563	91	11596	0.271	ug/l	90
64) m/p-Xylenes	9.688	106	7911	0.480	ug/l	87
65) o-Xylene	10.094	106	4345	0.264	ug/l	95
66) Styrene	10.113	104	6321	0.240	ug/l	92
67) Bromoform	10.287	173	854	0.245	ug/l #	87
69) Isopropylbenzene	10.476	105	10265	0.257	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.775	83	2598	0.283	ug/l	90
71) 1,2,3-Trichloropropane	10.817	75	2772	0.407	ug/l #	86
72) Bromobenzene	10.778	156	2401	0.231	ug/l	60
73) n-propylbenzene	10.904	120	2802	0.242	ug/l	75
74) 2-Chlorotoluene	10.984	126	2556	0.244	ug/l	82
75) 1,3,5-Trimethylbenzene	11.081	105	9549	0.255	ug/l	96
76) 4-Chlorotoluene	11.094	126	2839	0.259	ug/l	98
77) tert-Butylbenzene	11.412	119	9338	0.258	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	9538	0.262	ug/l	95
79) sec-Butylbenzene	11.634	105	12826	0.262	ug/l	95
80) Nitrobenzene	13.241	77	202	1.601	ug/l #	42
81) p-Isopropyltoluene	11.788	119	9996	0.253	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	5578	0.267	ug/l	92
83) 1,4-Dichlorobenzene	11.836	146	6393	0.298	ug/l	97
84) n-Butylbenzene	12.203	91	11772	0.318	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	5581	0.277	ug/l	93
86) 1,2-Dibromo-3-Chloropr...	12.987	75	186	0.157	ug/l #	52
87) 1,2,4-Trichlorobenzene	13.839	180	4849	0.397	ug/l	98
88) Hexachlorobutadiene	14.016	225	2118	0.279	ug/l	92
89) Naphthalene	14.090	128	10335	0.479	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	4504	0.389	ug/l	97

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

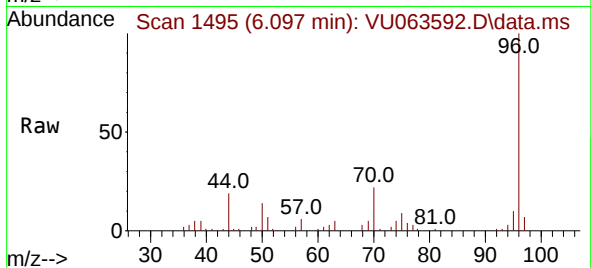
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 17 03:28:19 2025
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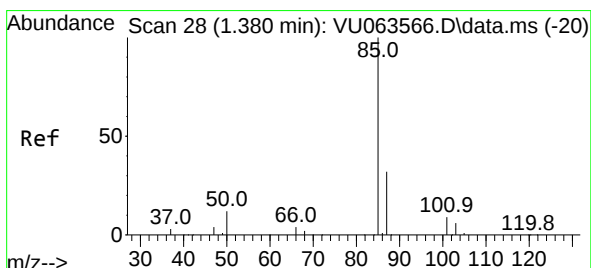
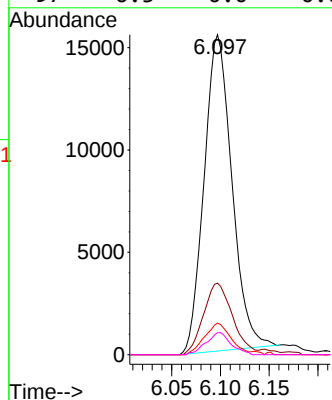
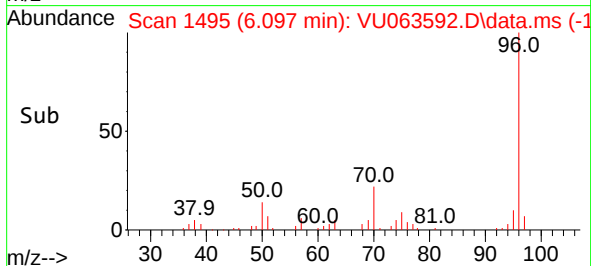


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Instrument :
MSVOA_U
ClientSampleId :

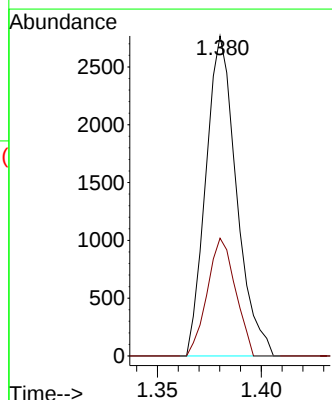
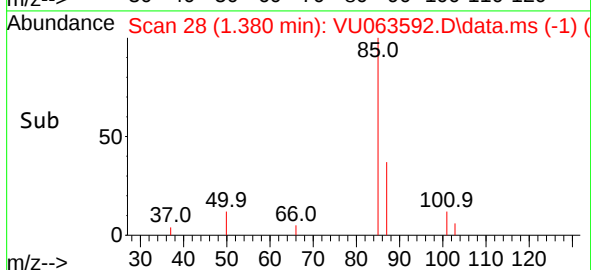
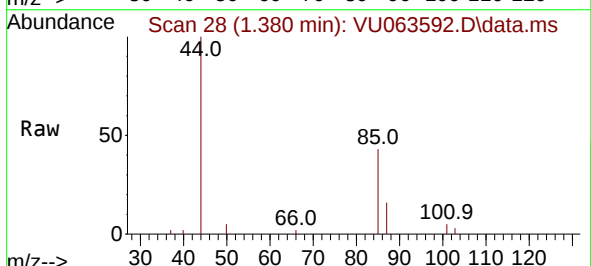


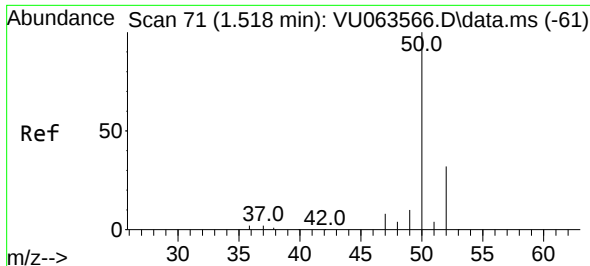
Tgt Ion: 96 Resp: 30672
Ion Ratio Lower Upper
96 100
70 22.0 15.5 23.3
95 9.7 7.7 11.5
97 6.3 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.280 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 85 Resp: 2835
Ion Ratio Lower Upper
85 100
87 36.8 16.1 48.2

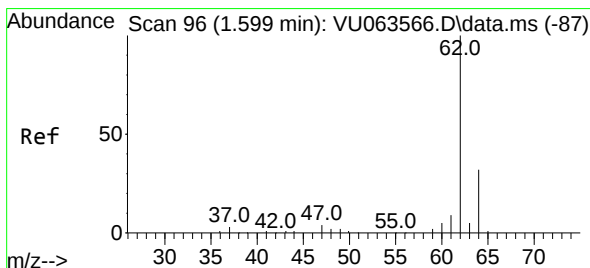
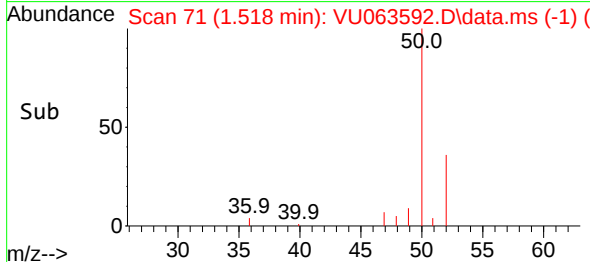
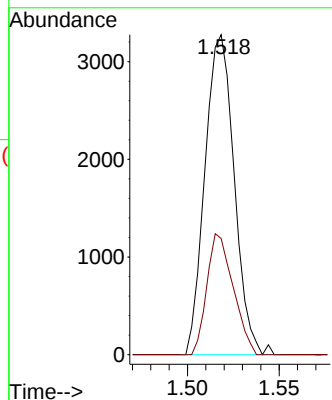
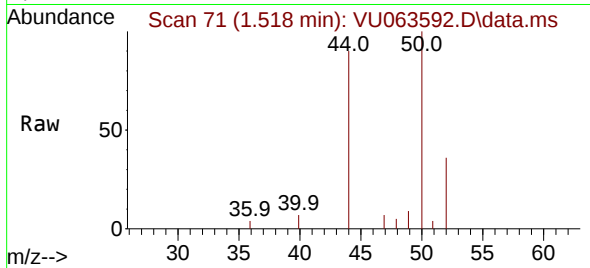




#3
Chloromethane
Concen: 0.366 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

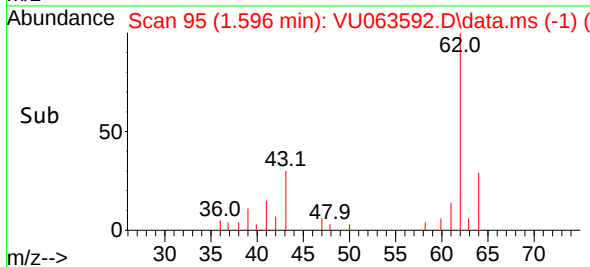
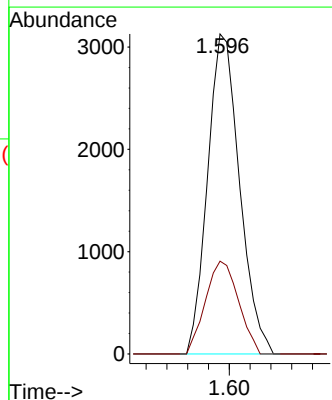
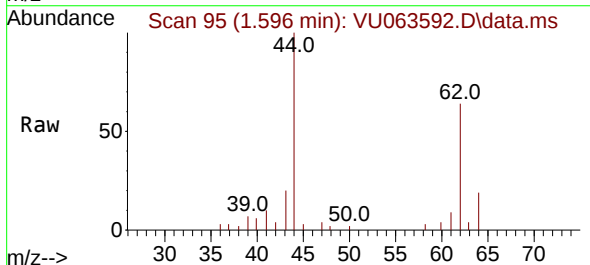
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ClientSampleId :

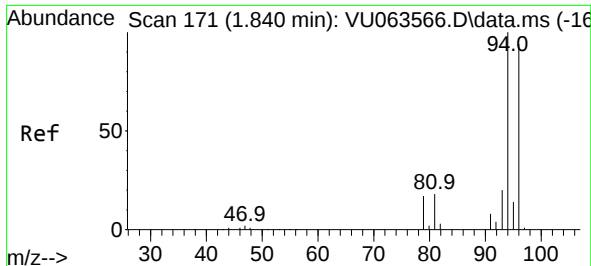
Tgt Ion: 50 Resp: 3632
Ion Ratio Lower Upper
50 100
52 36.3 25.6 38.4



#4
Vinyl Chloride
Concen: 0.310 ug/l
RT: 1.596 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 62 Resp: 3333
Ion Ratio Lower Upper
62 100
64 29.0 25.5 38.3

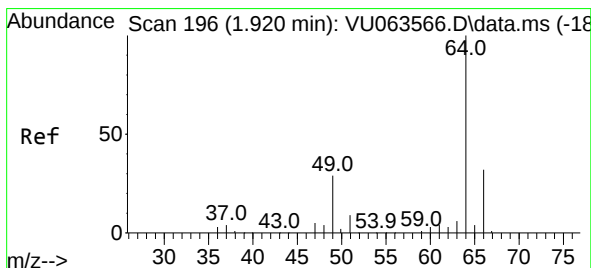
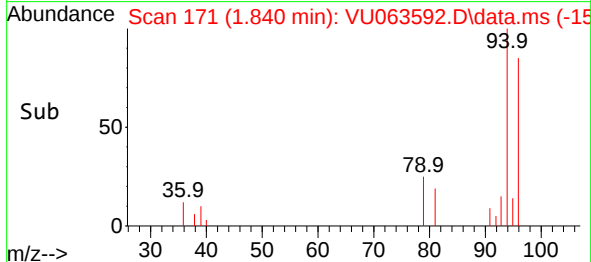
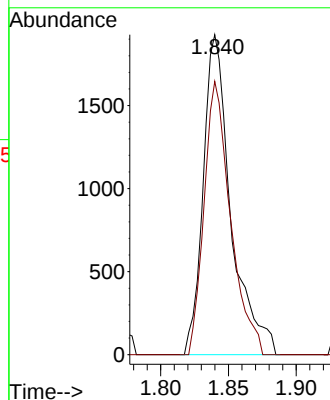
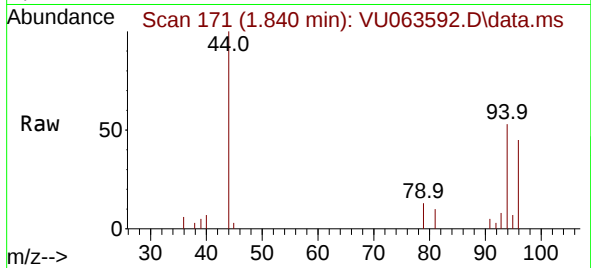




#5
Bromomethane
Concen: 0.414 ug/l
RT: 1.840 min Scan# 171
Delta R.T. 0.000 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

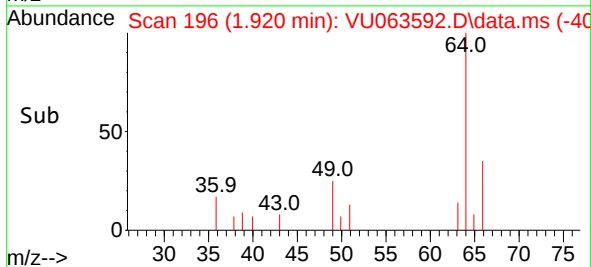
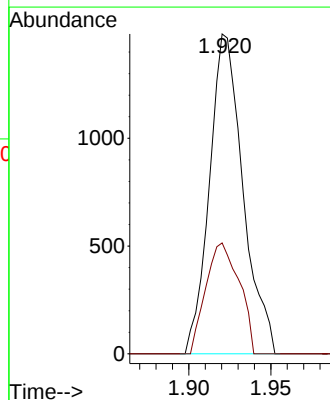
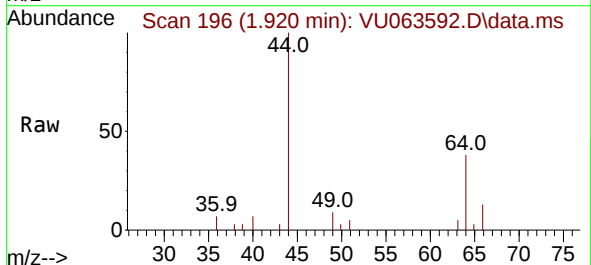
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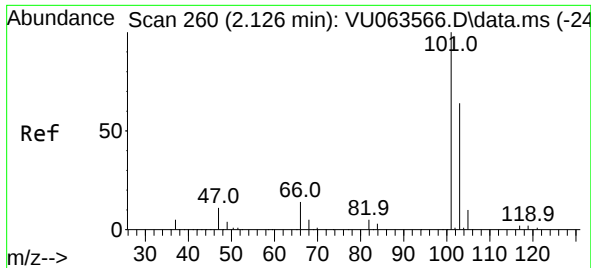
Tgt Ion: 94 Resp: 2745
Ion Ratio Lower Upper
94 100
96 85.4 75.1 112.7



#6
Chloroethane
Concen: 0.305 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 64 Resp: 2107
Ion Ratio Lower Upper
64 100
66 34.7 25.4 38.0

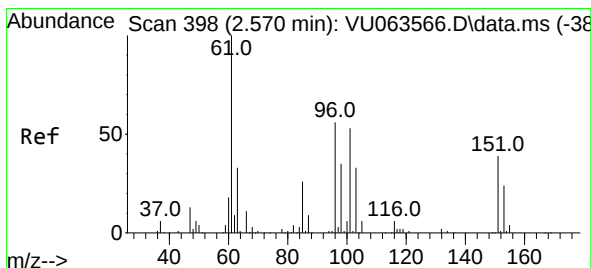
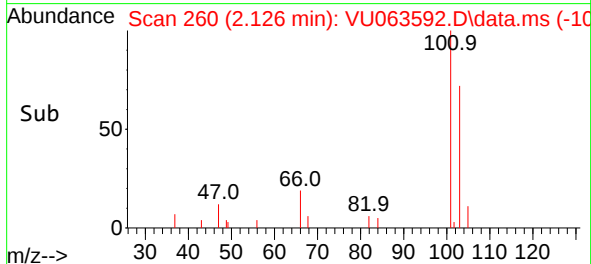
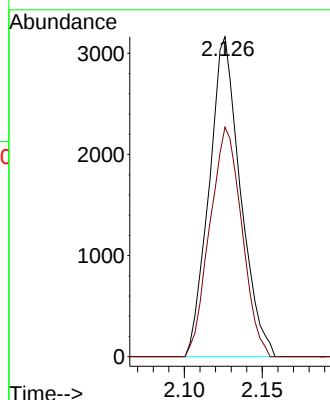
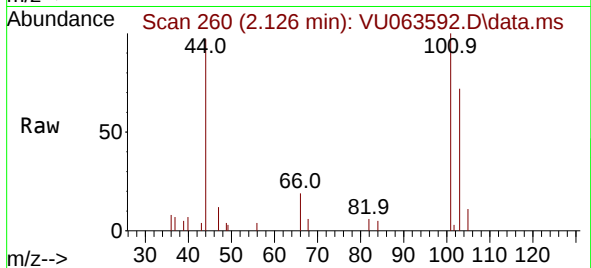




#7
 Trichlorofluoromethane
 Concen: 0.280 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VU063592.D
 Acq: 16 Sep 2025 13:40

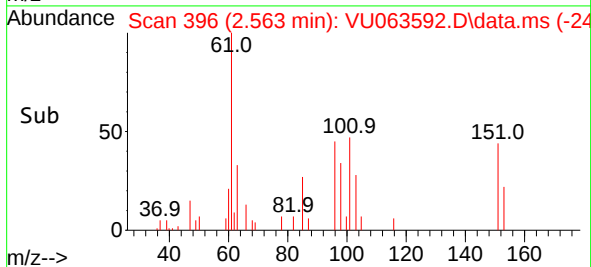
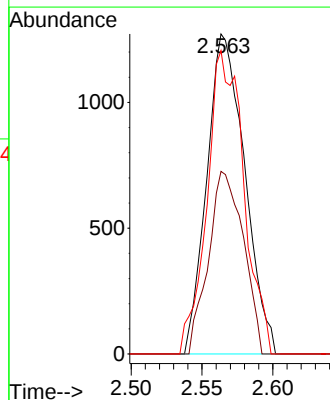
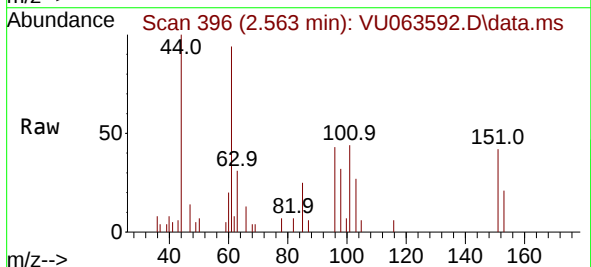
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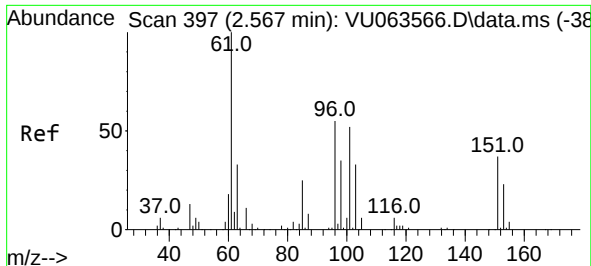
Tgt Ion:101 Resp: 4420
 Ion Ratio Lower Upper
 101 100
 103 69.5 50.8 76.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.267 ug/l
 RT: 2.563 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VU063592.D
 Acq: 16 Sep 2025 13:40

Tgt Ion:101 Resp: 2360
 Ion Ratio Lower Upper
 101 100
 85 52.7 38.7 58.1
 151 92.1 58.2 87.2#

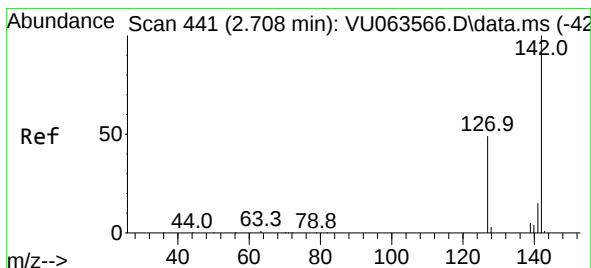
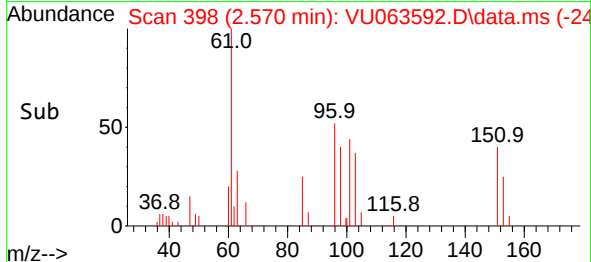
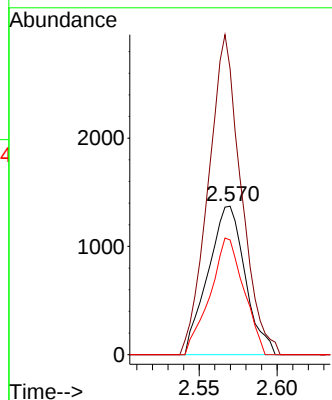
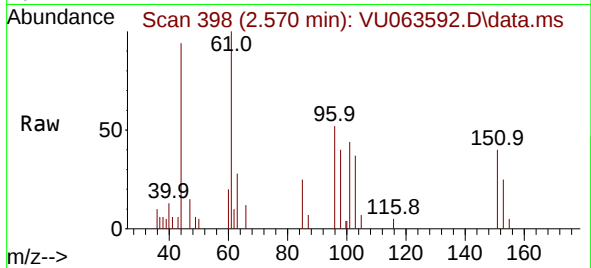




#9
1,1-Dichloroethene
Concen: 0.283 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

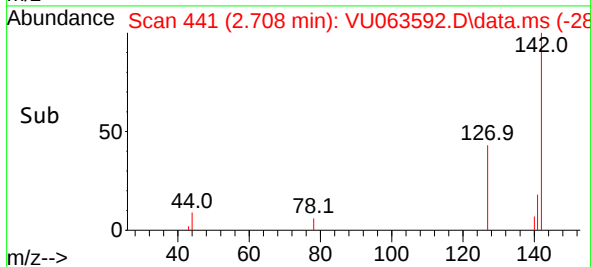
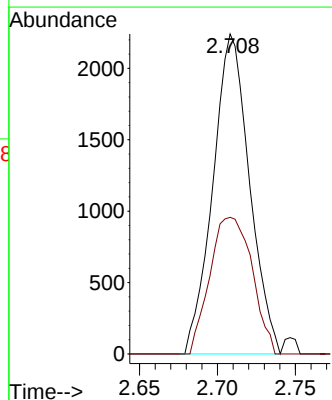
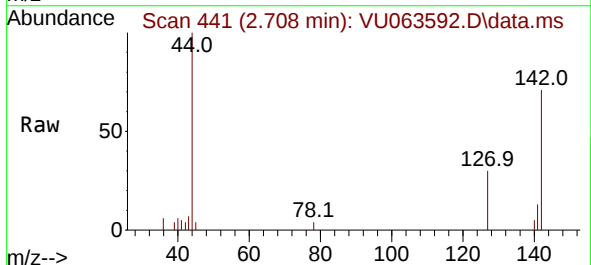
Instrument :
MSVOA_U
ClientSampleId :

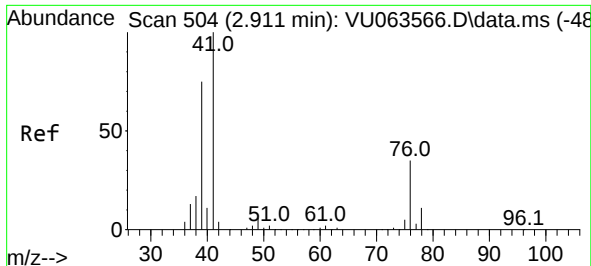
Tgt Ion: 96 Resp: 2264
Ion Ratio Lower Upper
96 100
61 192.4 0.0 543.9
98 77.3 0.0 125.8



#10
Iodomethane
Concen: 0.318 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 142 Resp: 3657
Ion Ratio Lower Upper
142 100
127 49.3 38.6 58.0

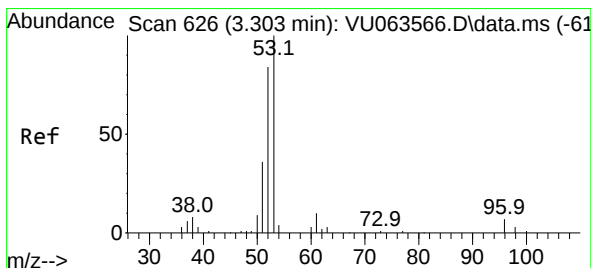
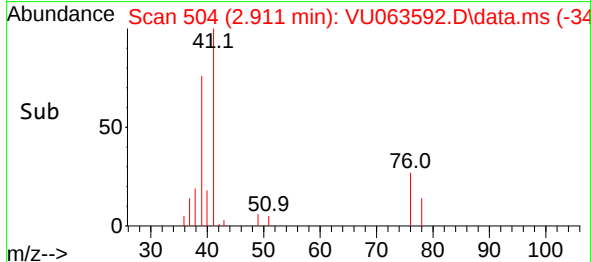
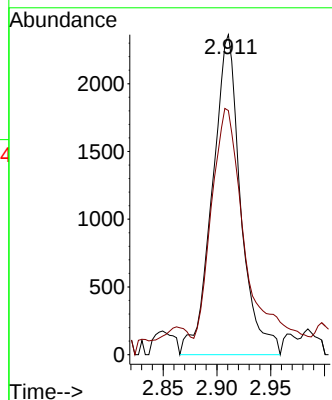
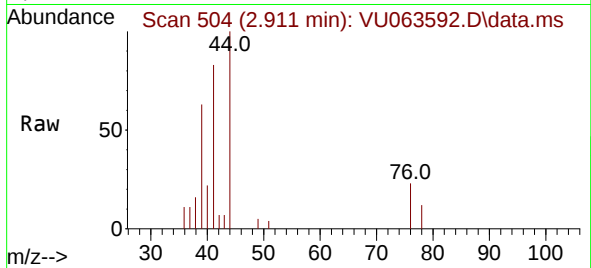




#11
 Allyl Chloride
 Concen: 0.325 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: VU063592.D
 Acq: 16 Sep 2025 13:40

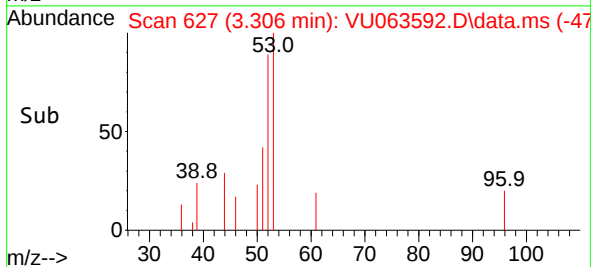
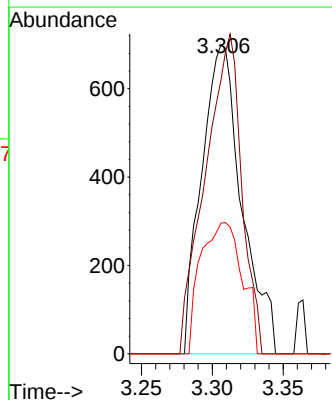
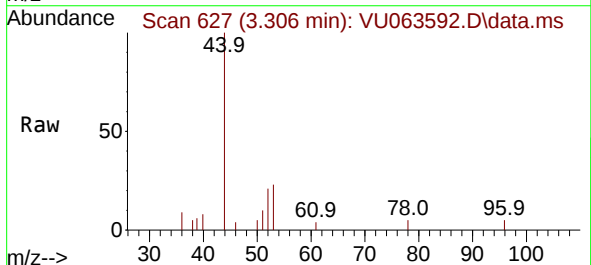
Instrument :
 MSVOA_U
 ClientSampleId :

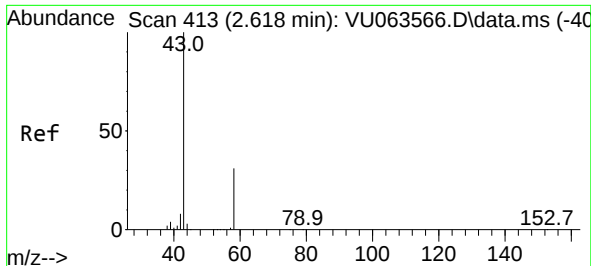
Tgt Ion: 41 Resp: 4313
 Ion Ratio Lower Upper
 41 100
 39 89.2 61.2 91.8



#12
 Acrylonitrile
 Concen: 0.572 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063592.D
 Acq: 16 Sep 2025 13:40

Tgt Ion: 53 Resp: 1384
 Ion Ratio Lower Upper
 53 100
 52 93.4 65.0 97.4
 51 43.9 31.2 46.8





#13

Acetone

Concen: 1.852 ug/l

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

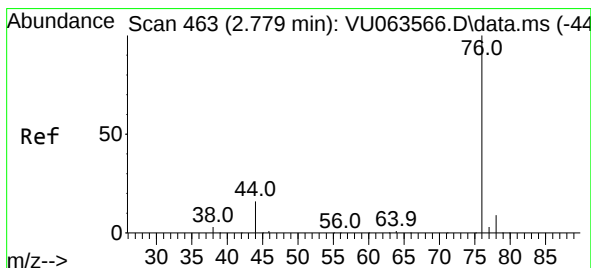
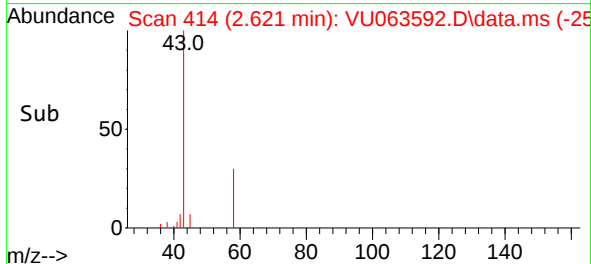
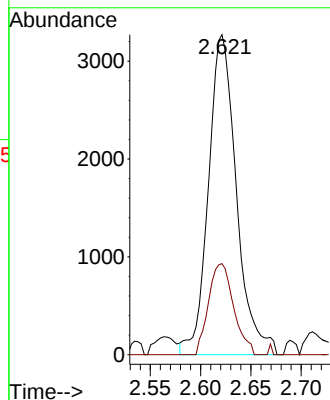
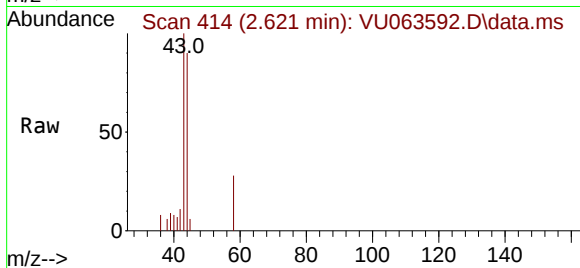
ClientSampleId :

Tgt Ion: 43 Resp: 6342

Ion Ratio Lower Upper

43 100

58 28.4 24.7 37.1



#14

Carbon Disulfide

Concen: 0.251 ug/l

RT: 2.772 min Scan# 461

Delta R.T. -0.006 min

Lab File: VU063592.D

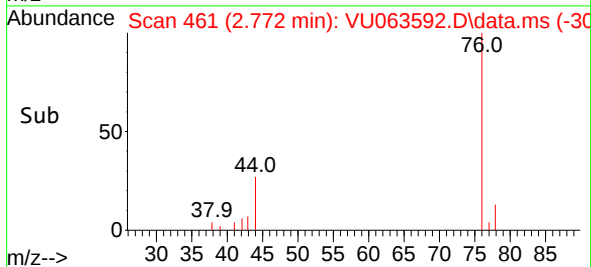
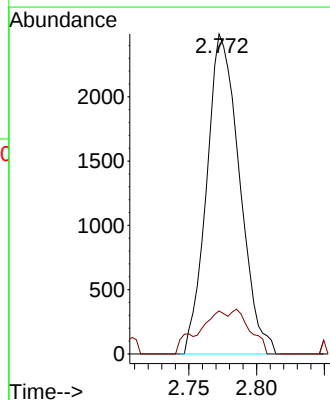
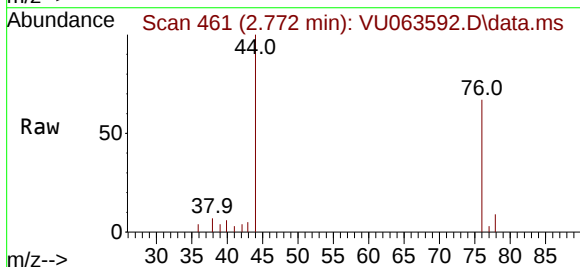
Acq: 16 Sep 2025 13:40

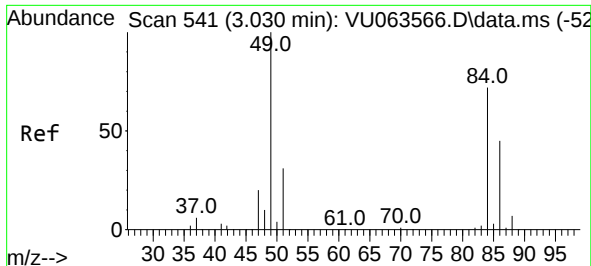
Tgt Ion: 76 Resp: 4193

Ion Ratio Lower Upper

76 100

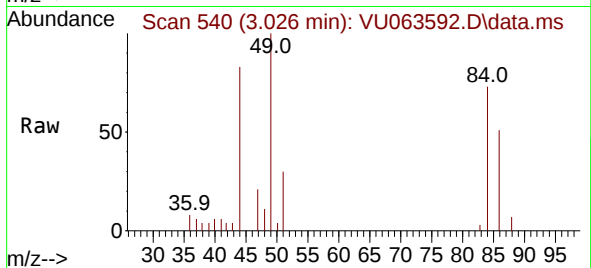
78 13.5 7.3 10.9#





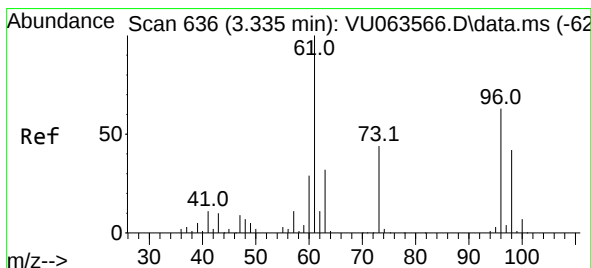
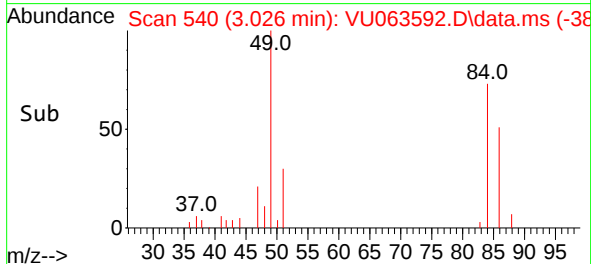
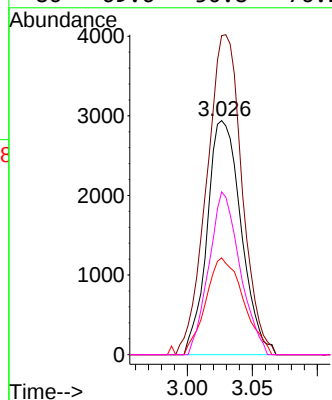
#15
Methylene Chloride
Concen: 0.507 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 5352

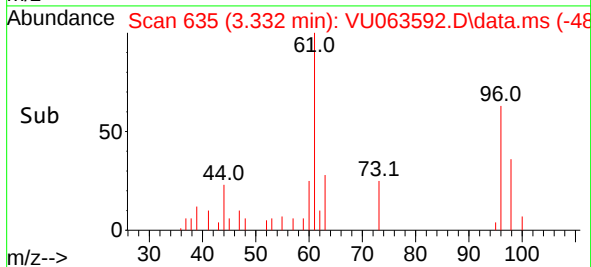
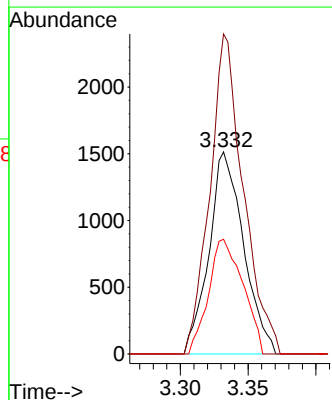
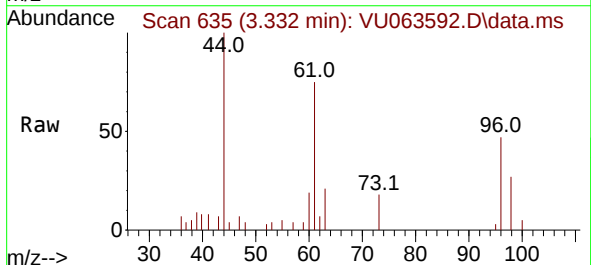
Ion	Ratio	Lower	Upper
84	100		
49	136.4	111.8	167.6
51	41.3	0.0	86.0
86	69.6	50.8	76.2

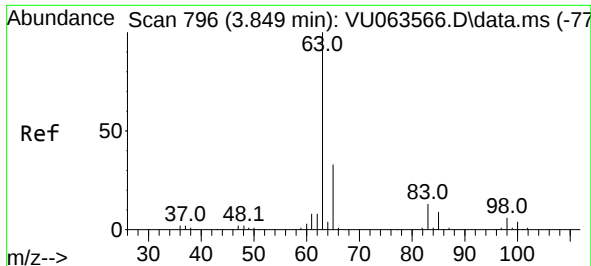


#16
trans-1,2-Dichloroethene
Concen: 0.315 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 96 Resp: 2686

Ion	Ratio	Lower	Upper
96	100		
61	158.4	127.8	191.6
98	56.8	53.8	80.8



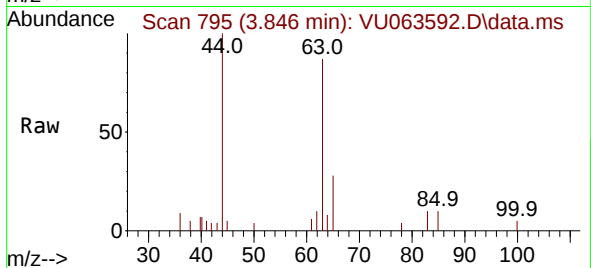


#17
 1,1-Dichloroethane
 Concen: 0.300 ug/l
 RT: 3.846 min Scan# 796
 Delta R.T. -0.003 min
 Lab File: VU063592.D
 Acq: 16 Sep 2025 13:40

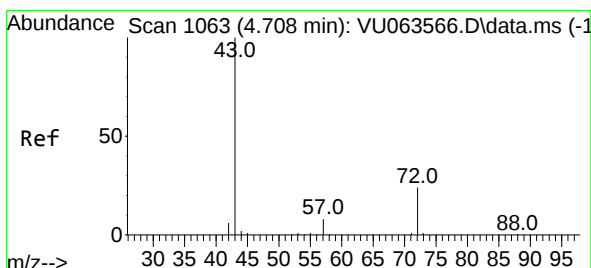
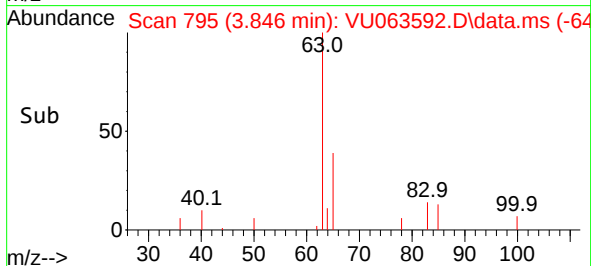
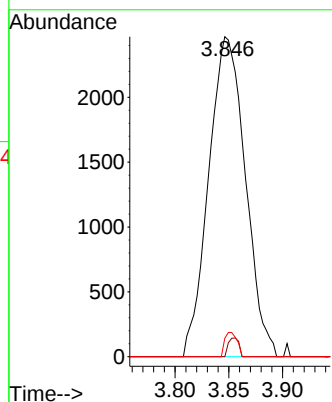
Instrument :

MSVOA_U

ClientSampleId :

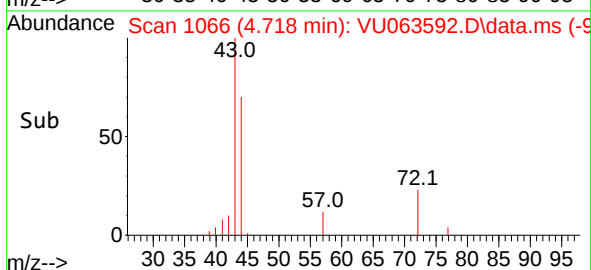
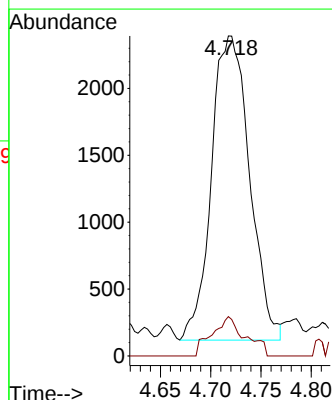
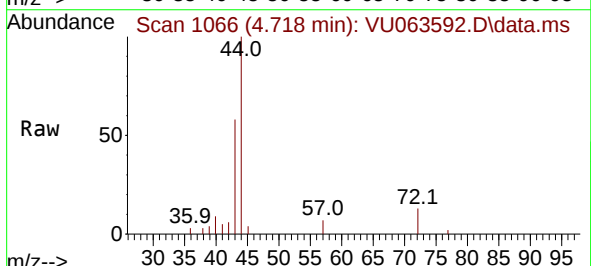


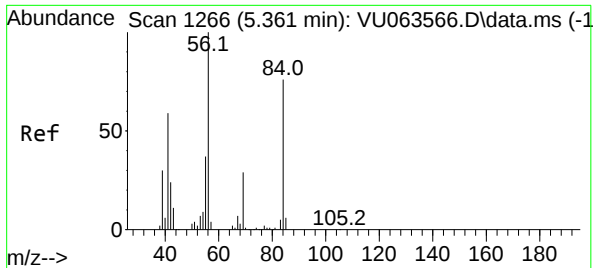
Tgt Ion: 63 Resp: 5854
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.8#
 100 5.8 2.0 5.8



#18
 2-Butanone
 Concen: 1.537 ug/l
 RT: 4.718 min Scan# 1066
 Delta R.T. 0.010 min
 Lab File: VU063592.D
 Acq: 16 Sep 2025 13:40

Tgt Ion: 43 Resp: 5995
 Ion Ratio Lower Upper
 43 100
 57 12.9 0.0 15.8





#19

Cyclohexane

Concen: 0.314 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. 0.000 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

ClientSampleId :

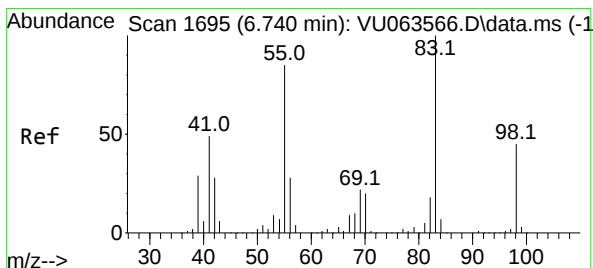
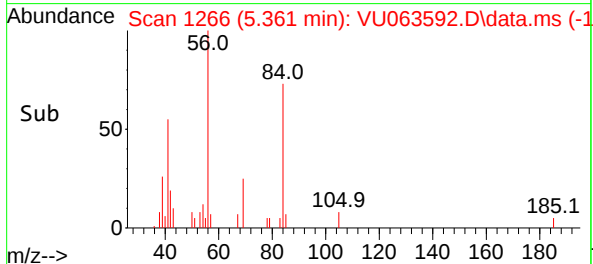
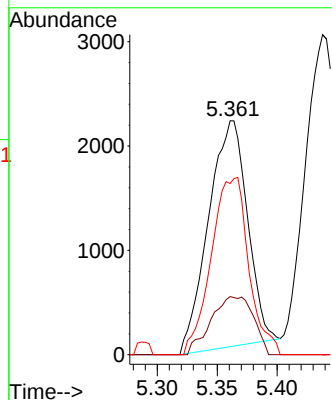
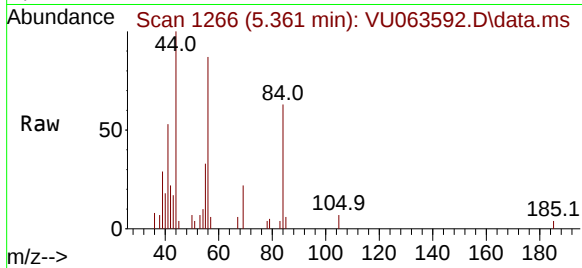
Tgt Ion: 56 Resp: 4905

Ion Ratio Lower Upper

56 100

69 28.0 22.7 34.1

84 75.3 59.4 89.0



#20

Methylcyclohexane

Concen: 0.259 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

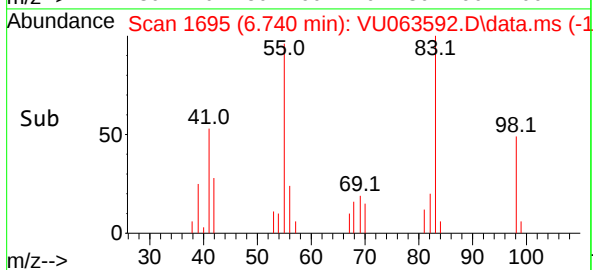
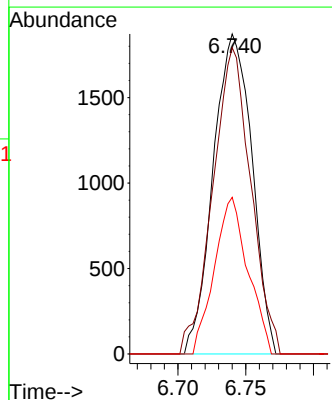
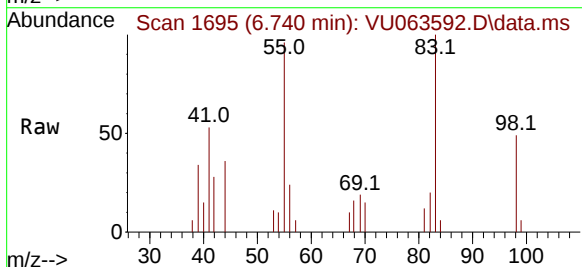
Tgt Ion: 83 Resp: 3716

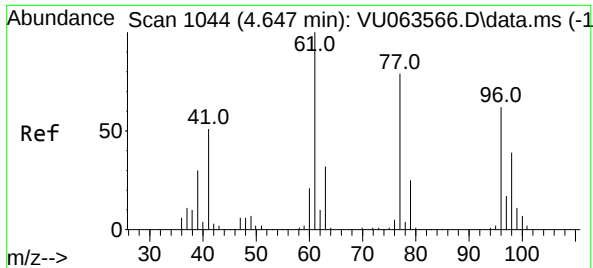
Ion Ratio Lower Upper

83 100

55 93.7 66.7 100.1

98 42.5 35.9 53.9

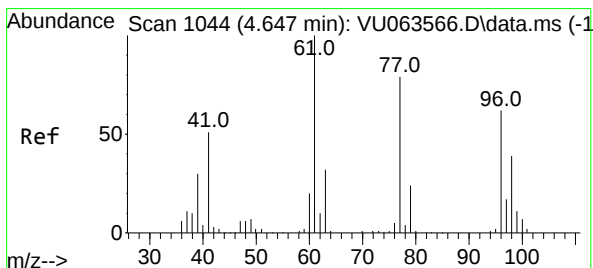
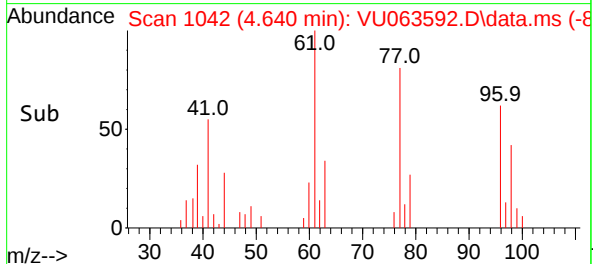
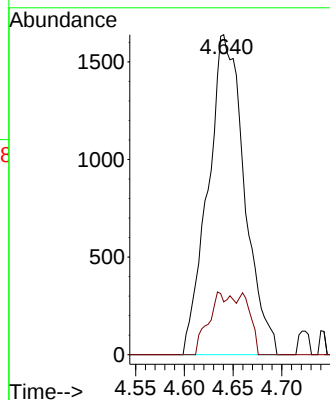
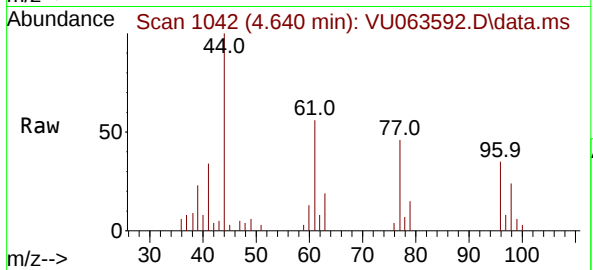




#21
2,2-Dichloropropane
Concen: 0.296 ug/l
RT: 4.640 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

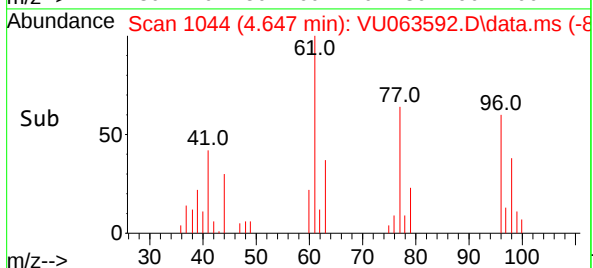
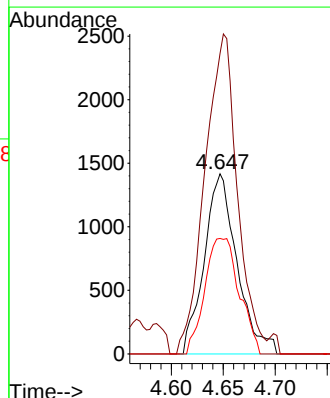
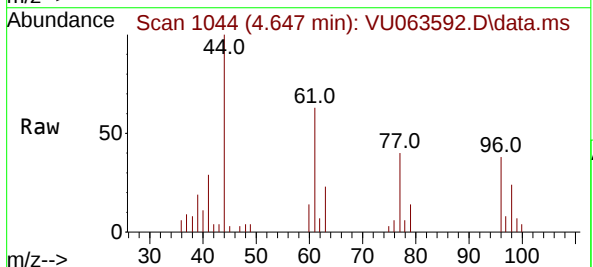
Instrument :
MSVOA_U
ClientSampleId :

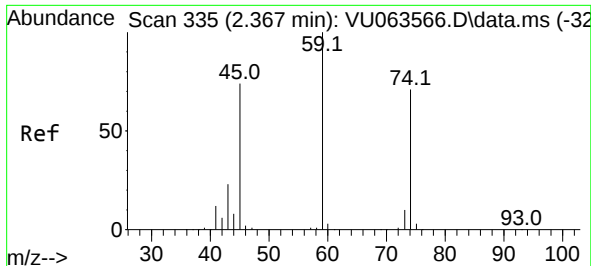
Tgt Ion: 77 Resp: 4266
Ion Ratio Lower Upper
77 100
97 8.5 17.5 26.3#



#22
cis-1,2-Dichloroethene
Concen: 0.297 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

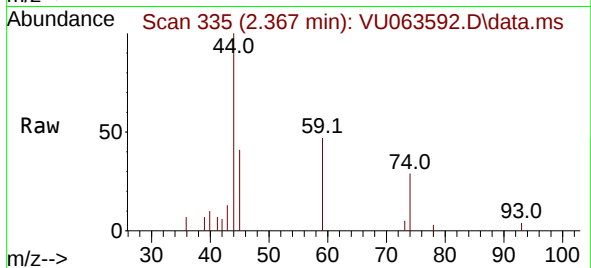
Tgt Ion: 96 Resp: 3109
Ion Ratio Lower Upper
96 100
61 176.1 0.0 411.0
98 67.3 31.9 95.9





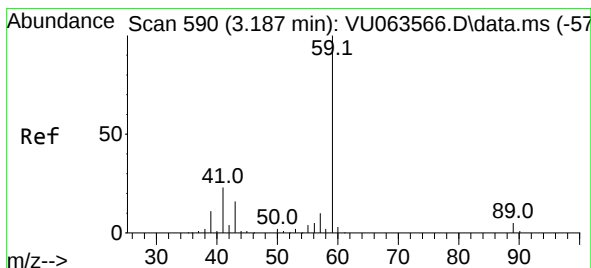
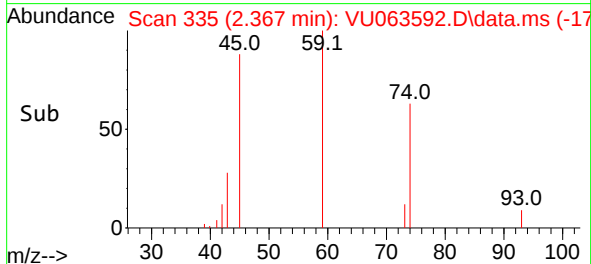
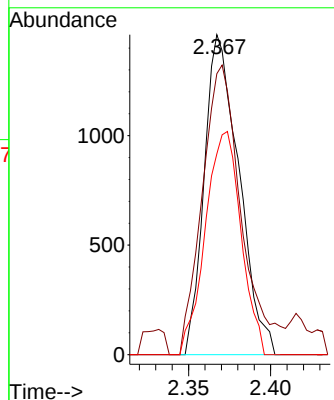
#23
Diethyl Ether
Concen: 0.303 ug/l
RT: 2.367 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 59 Resp: 2143

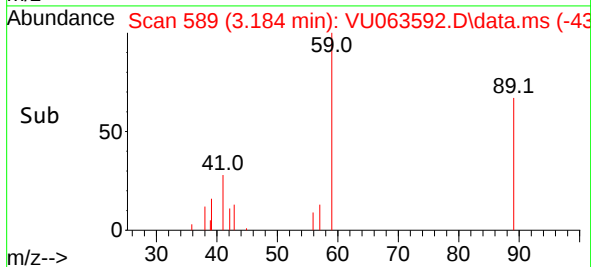
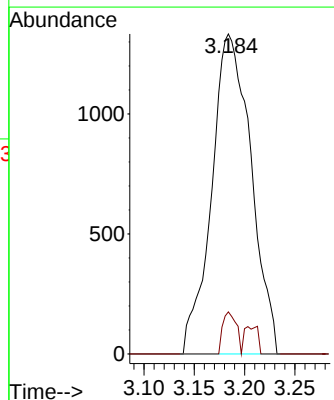
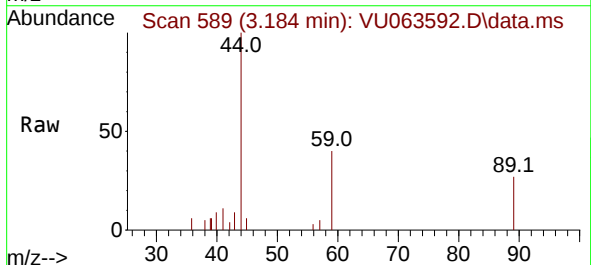
Ion	Ratio	Lower	Upper
59	100		
45	102.8	59.0	88.6#
74	71.7	57.8	86.6

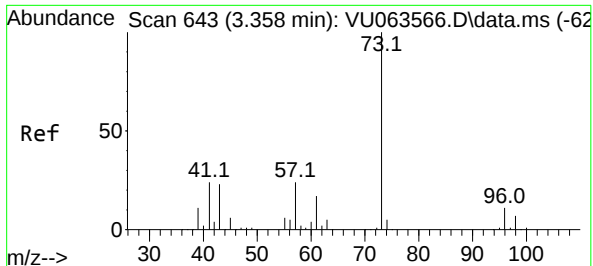


#24
tert-Butyl Alcohol
Concen: 3.868 ug/l
RT: 3.184 min Scan# 589
Delta R.T. -0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 59 Resp: 3632

Ion	Ratio	Lower	Upper
59	100		
57	4.5	8.6	12.8#

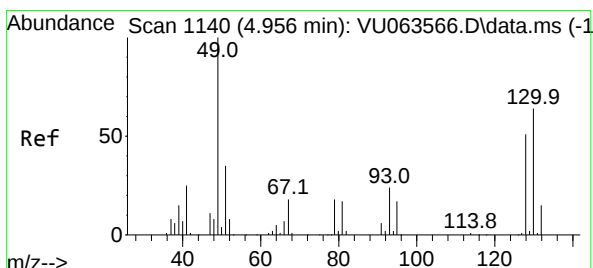
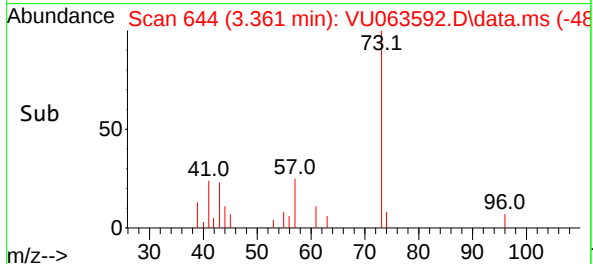
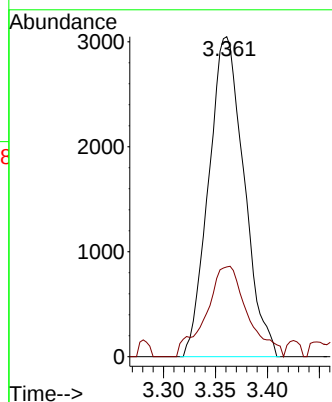
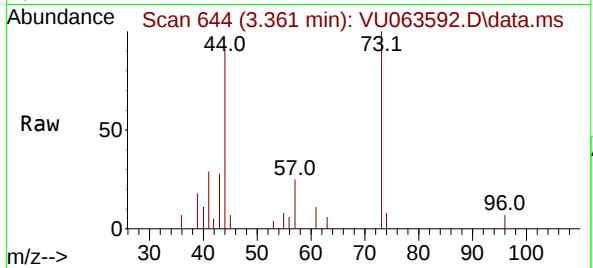




#25
Methyl tert-Butyl Ether
Concen: 0.302 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

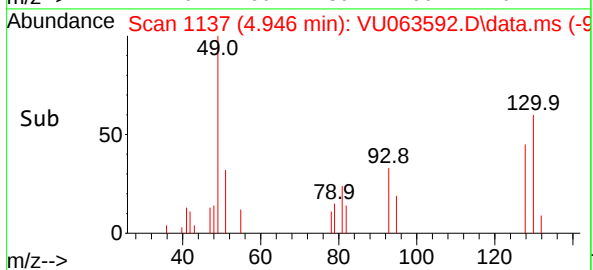
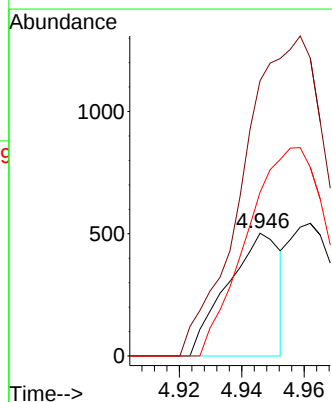
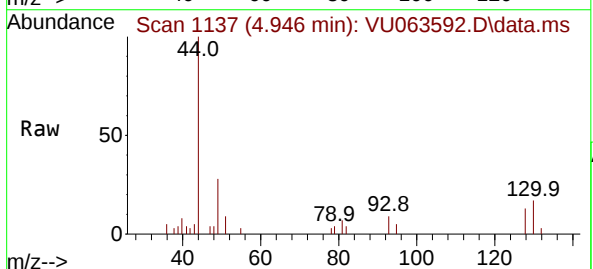
Instrument :
MSVOA_U
ClientSampleId :

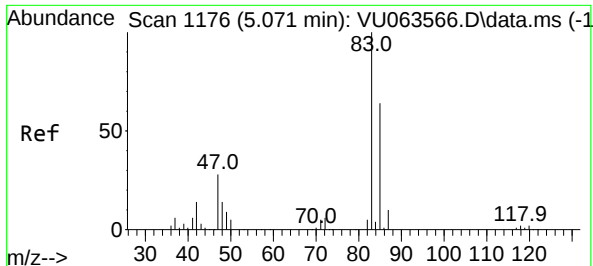
Tgt Ion: 73 Resp: 7210
Ion Ratio Lower Upper
73 100
43 33.0 18.1 27.1#



#26
Bromochloromethane
Concen: 0.139 ug/l
RT: 4.946 min Scan# 1137
Delta R.T. -0.010 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 128 Resp: 589
Ion Ratio Lower Upper
128 100
49 460.4 0.0 410.2#
130 272.3 103.4 155.0#





#27

Chloroform

Concen: 0.323 ug/l

RT: 5.074 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

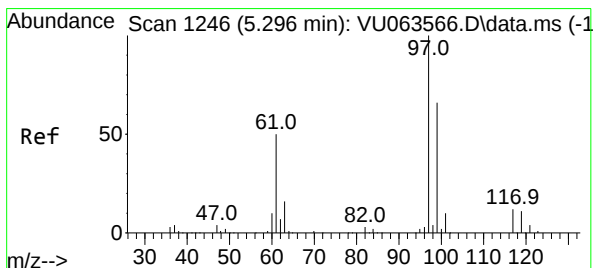
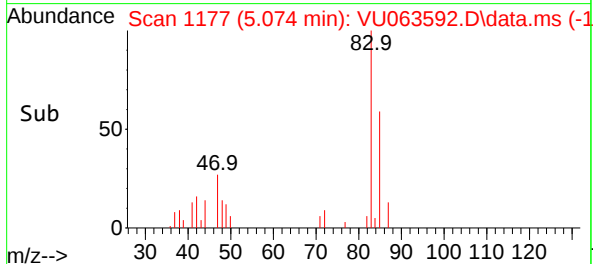
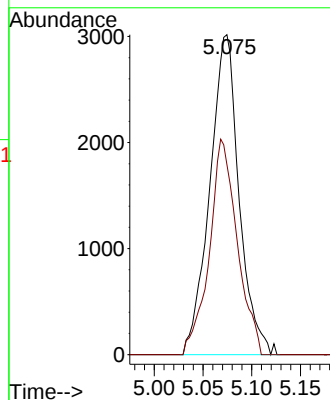
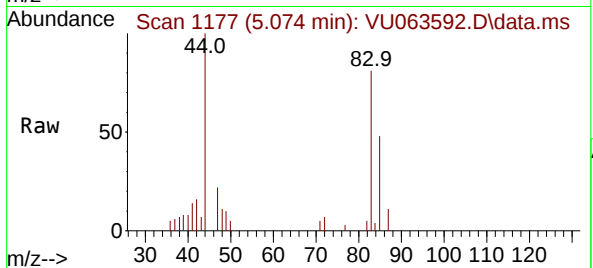
ClientSampleId :

Tgt Ion: 83 Resp: 6311

Ion Ratio Lower Upper

83 100

85 59.4 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 0.278 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

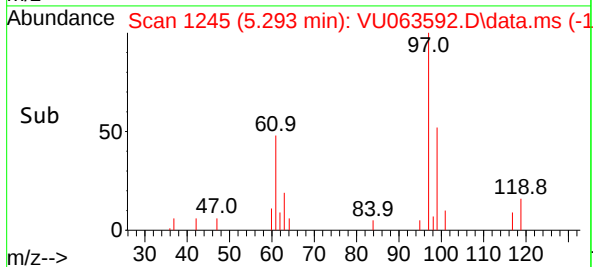
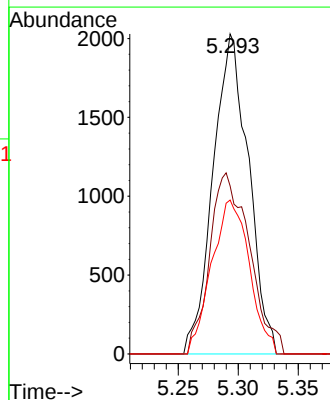
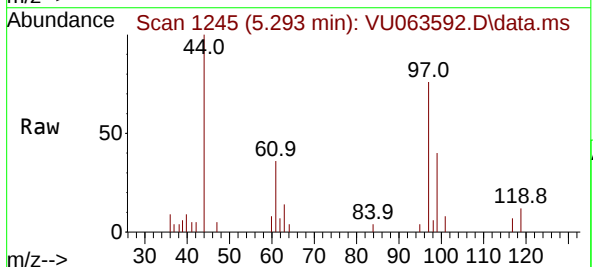
Tgt Ion: 97 Resp: 4167

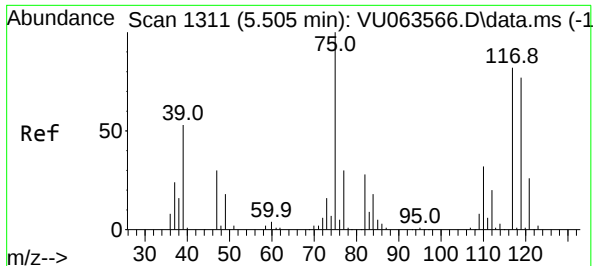
Ion Ratio Lower Upper

97 100

99 63.6 32.4 97.0

61 51.2 25.1 75.4

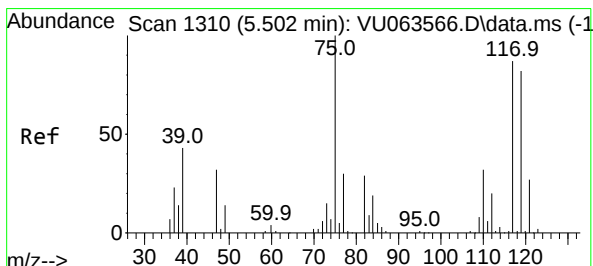
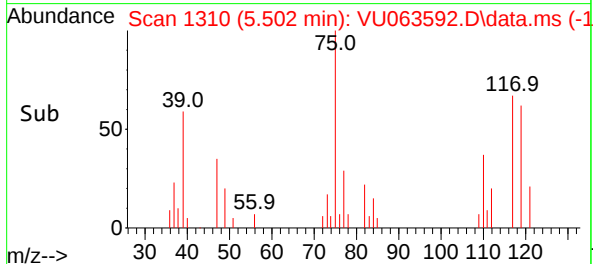
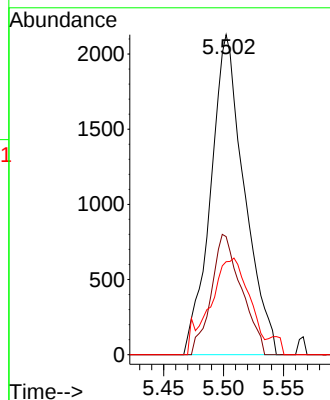
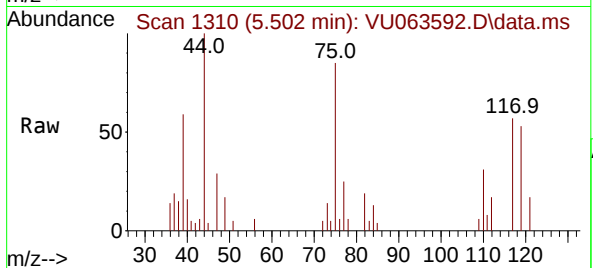




#29
1,1-Dichloropropene
Concen: 0.297 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

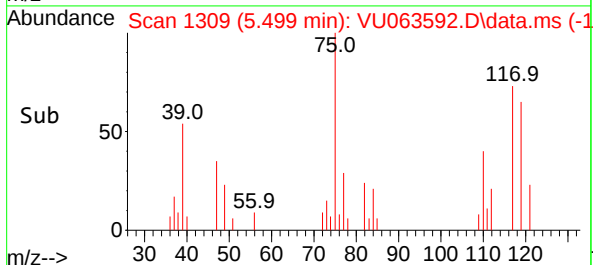
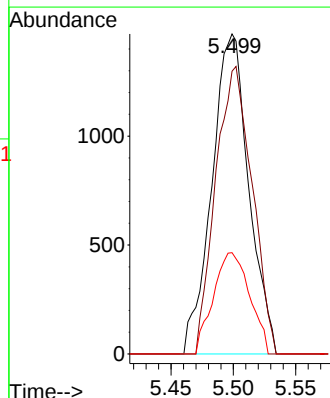
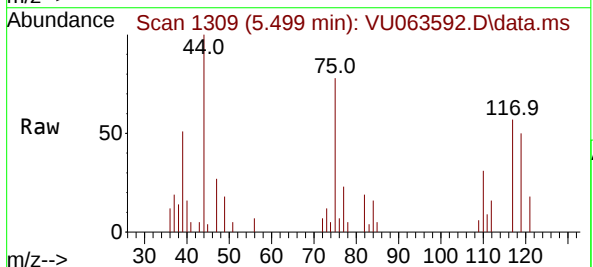
Instrument :
MSVOA_U
ClientSampleId :

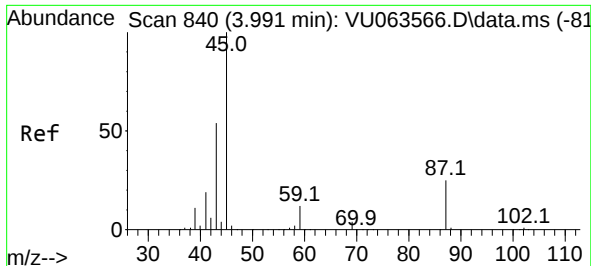
Tgt Ion: 75 Resp: 4147
Ion Ratio Lower Upper
75 100
110 33.8 16.4 49.4
77 35.8 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.274 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 117 Resp: 3027
Ion Ratio Lower Upper
117 100
119 88.4 75.7 113.5
121 31.7 25.4 38.0

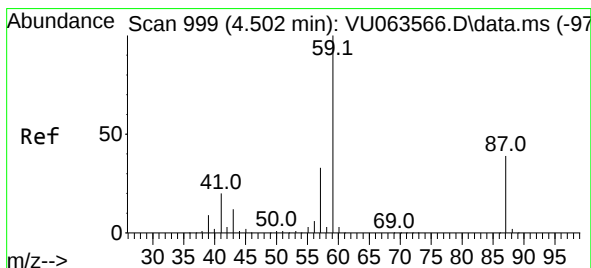
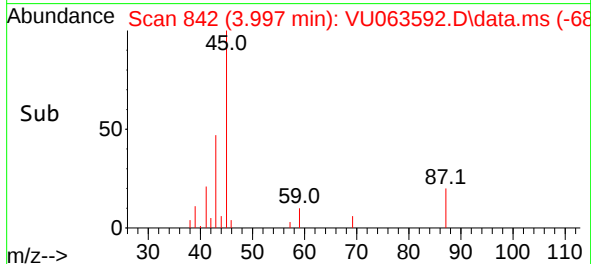
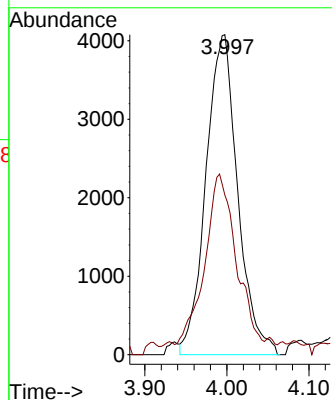
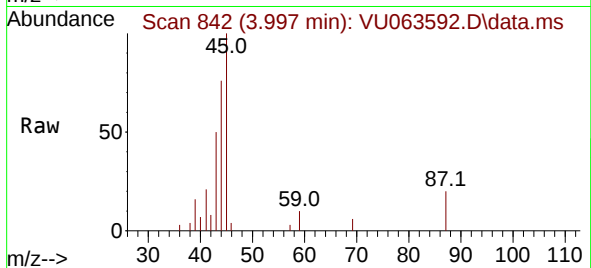




#31
Isopropyl Ether
Concen: 0.336 ug/l
RT: 3.997 min Scan# 840
Delta R.T. 0.006 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

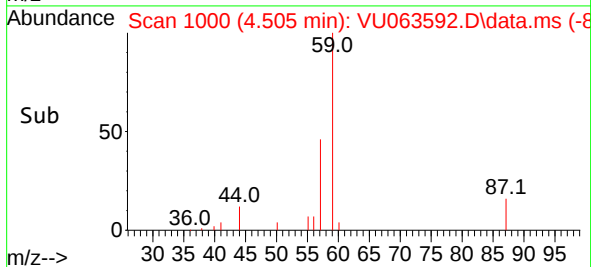
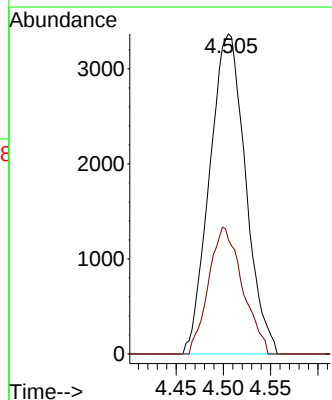
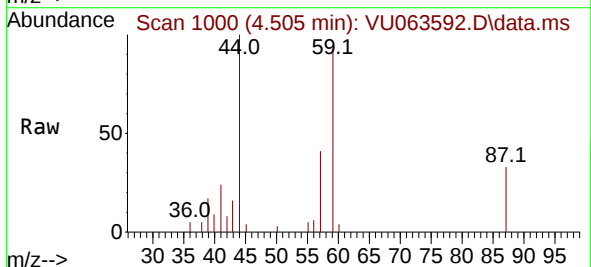
Instrument :
MSVOA_U
ClientSampleId :

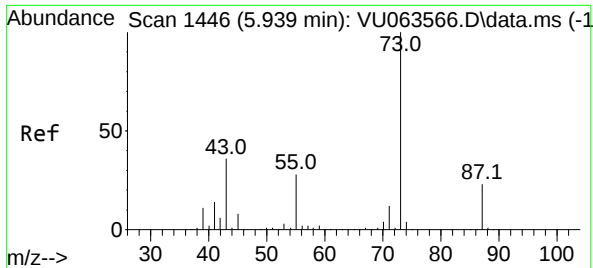
Tgt Ion: 45 Resp: 10986
Ion Ratio Lower Upper
45 100
43 51.5 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 0.319 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 59 Resp: 8900
Ion Ratio Lower Upper
59 100
87 37.3 31.2 46.8

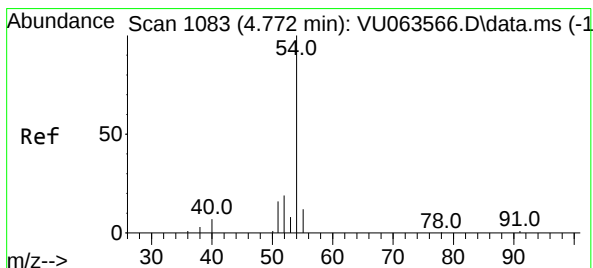
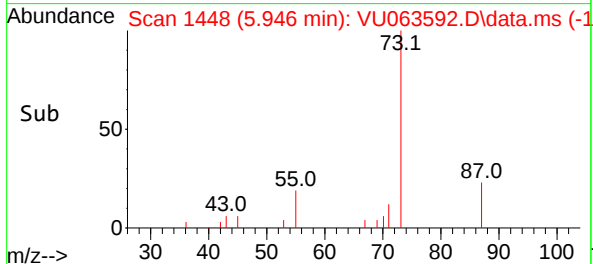
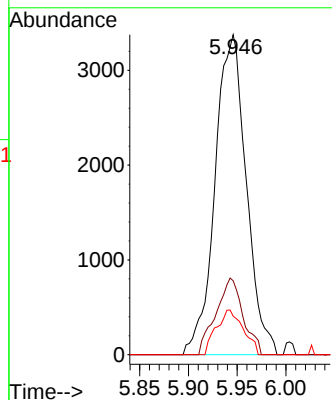
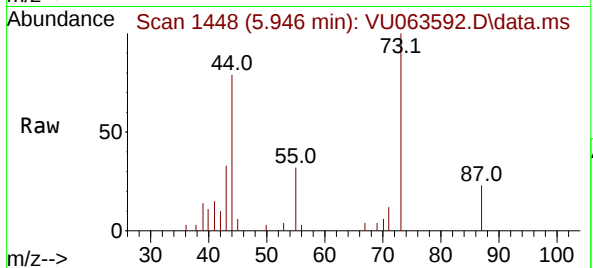




#33
Tert-Amyl methyl ether
Concen: 0.317 ug/l
RT: 5.946 min Scan# 1446
Delta R.T. 0.006 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

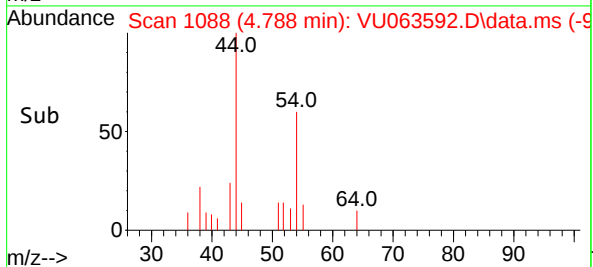
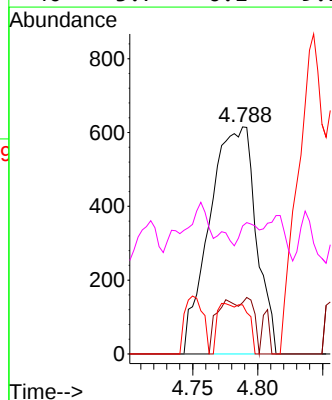
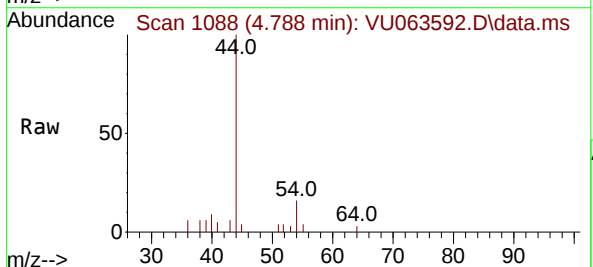
Instrument :
MSVOA_U
ClientSampleId :

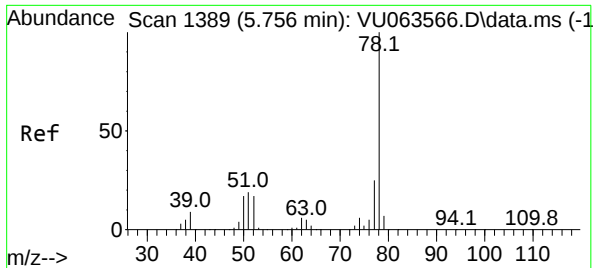
Tgt Ion: 73 Resp: 7533
Ion Ratio Lower Upper
73 100
87 20.8 19.0 28.6
71 12.0 9.4 14.2



#34
Propionitrile
Concen: 1.675 ug/l
RT: 4.788 min Scan# 1088
Delta R.T. 0.016 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 54 Resp: 1528
Ion Ratio Lower Upper
54 100
52 2.8 15.2 22.8#
55 0.0 11.7 17.5#
40 3.7 6.1 9.1#





#35

Benzene

Concen: 0.334 ug/l

RT: 5.756 min Scan# 1389

Delta R.T. 0.000 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

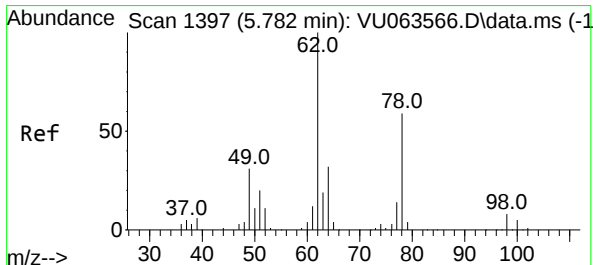
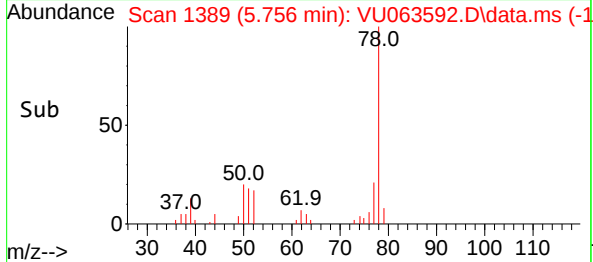
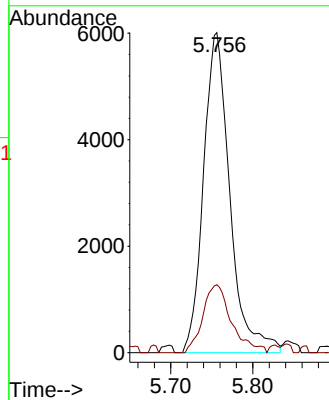
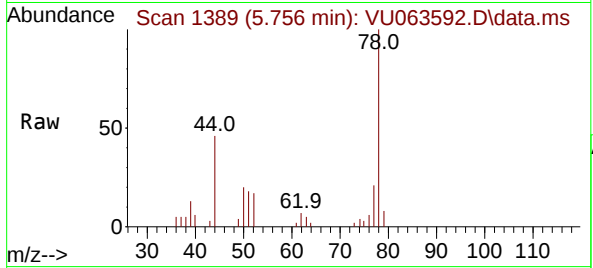
ClientSampleId :

Tgt Ion: 78 Resp: 13408

Ion Ratio Lower Upper

78 100

77 21.3 19.8 29.8



#36

1,2-Dichloroethane

Concen: 0.331 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU063592.D

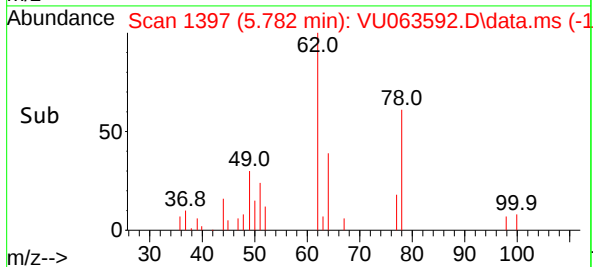
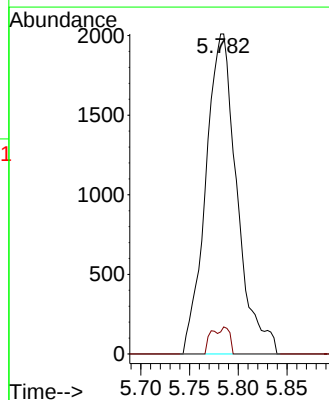
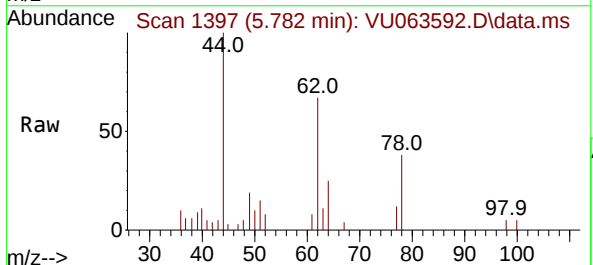
Acq: 16 Sep 2025 13:40

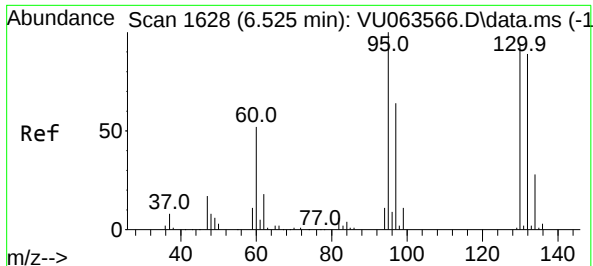
Tgt Ion: 62 Resp: 4482

Ion Ratio Lower Upper

62 100

98 2.3 6.3 9.5#





#37

Trichloroethene

Concen: 0.270 ug/l

RT: 6.525 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

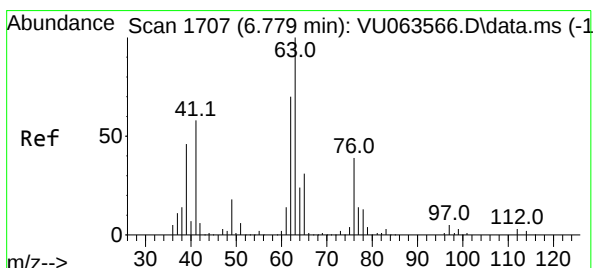
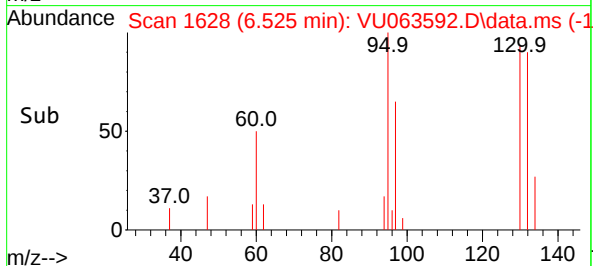
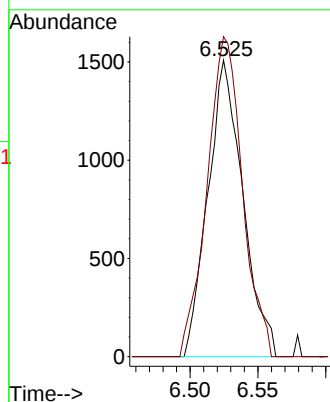
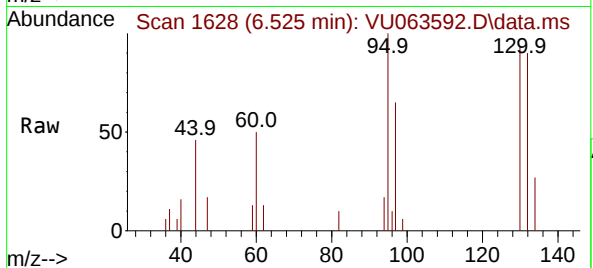
ClientSampleId :

Tgt Ion:130 Resp: 2701

Ion Ratio Lower Upper

130 100

95 108.0 85.4 128.2



#38

1,2-Dichloropropane

Concen: 0.287 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VU063592.D

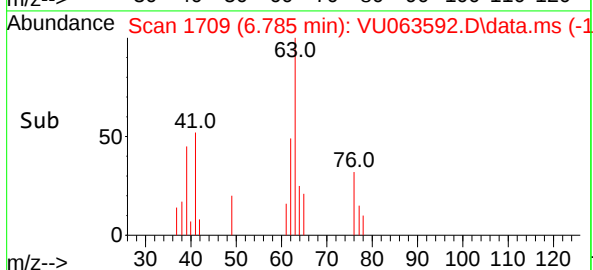
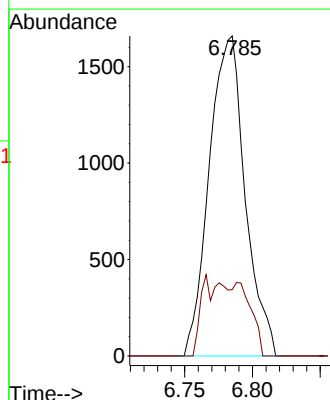
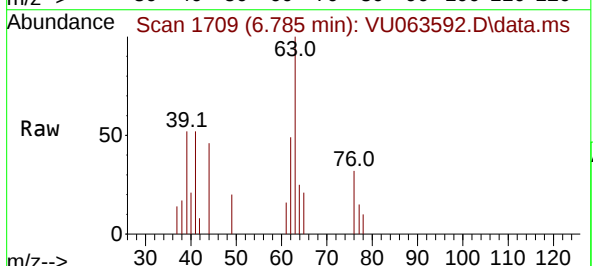
Acq: 16 Sep 2025 13:40

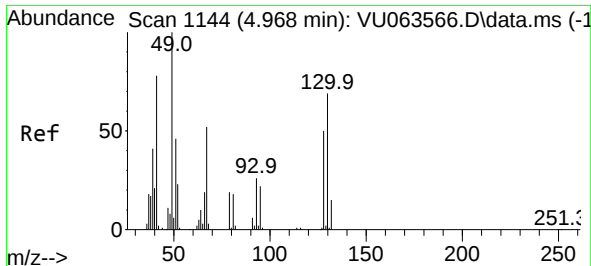
Tgt Ion: 63 Resp: 3057

Ion Ratio Lower Upper

63 100

65 20.7 24.9 37.3#





#39

Methacrylonitrile

Concen: 0.439 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

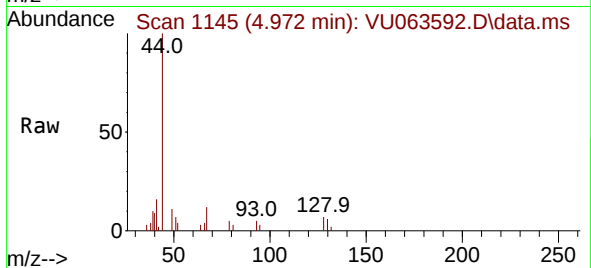
Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 1890

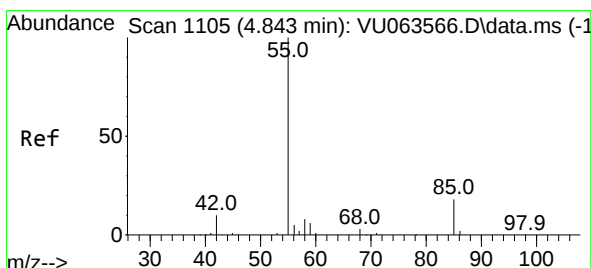
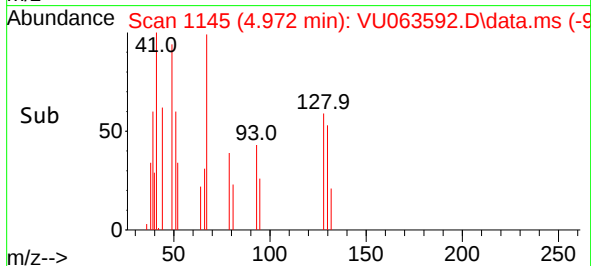
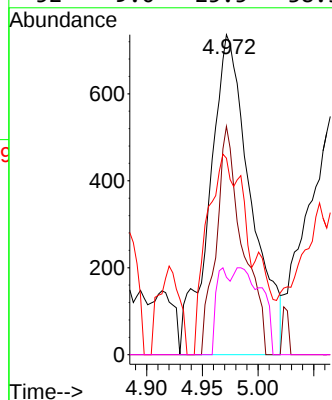
Ion Ratio Lower Upper

41 100

67 45.8 57.7 86.5#

39 39.2 44.6 67.0#

52 9.0 25.5 38.3#



#40

Methyl acrylate

Concen: 0.201 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Tgt Ion: 55 Resp: 1184

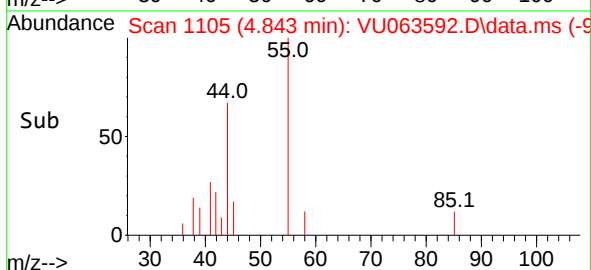
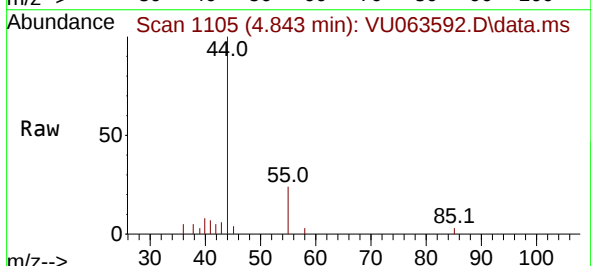
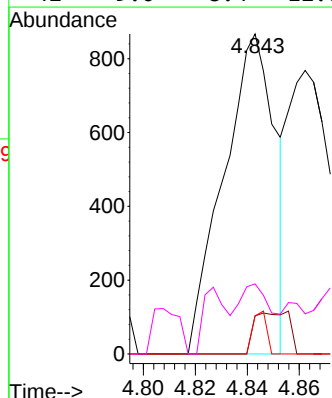
Ion Ratio Lower Upper

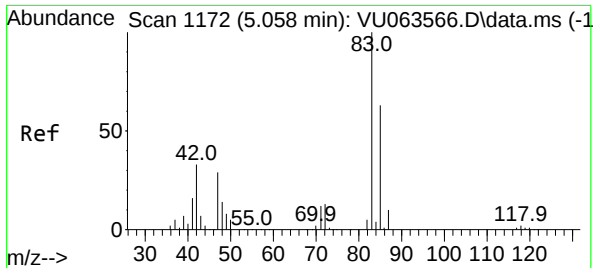
55 100

85 0.0 12.8 19.2#

58 3.5 6.6 10.0#

42 9.0 8.4 12.6

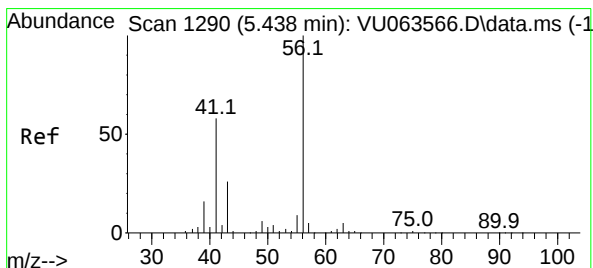
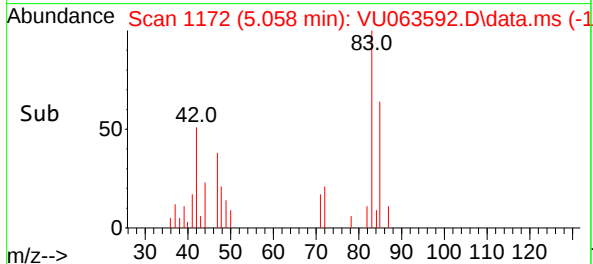
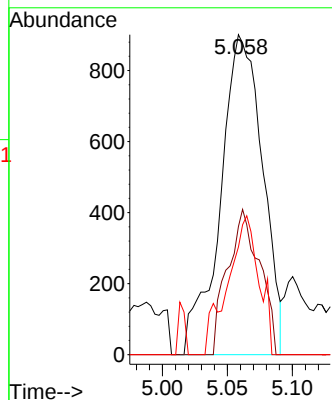
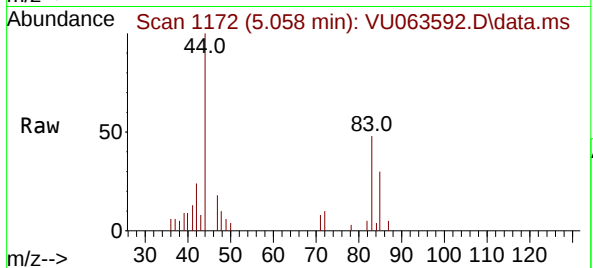




#41
Tetrahydrofuran
Concen: 0.909 ug/l
RT: 5.058 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

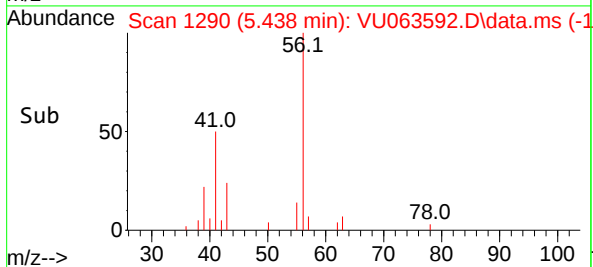
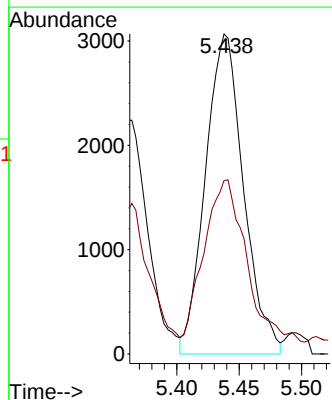
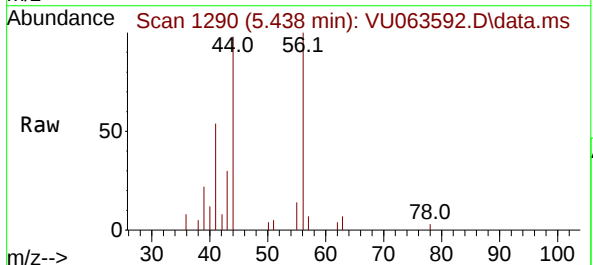
Instrument :
MSVOA_U
ClientSampleId :

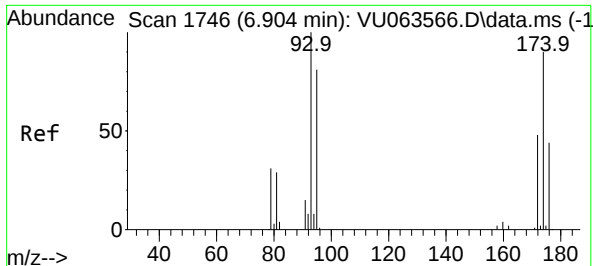
Tgt Ion: 42 Resp: 2041
Ion Ratio Lower Upper
42 100
72 34.4 34.1 51.1
71 32.0 29.9 44.9



#42
1-Chlorobutane
Concen: 0.334 ug/l
RT: 5.438 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 56 Resp: 6524
Ion Ratio Lower Upper
56 100
41 58.2 28.3 84.9

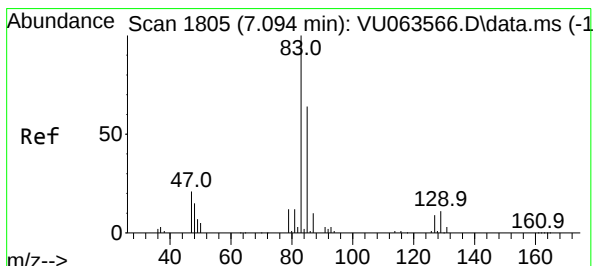
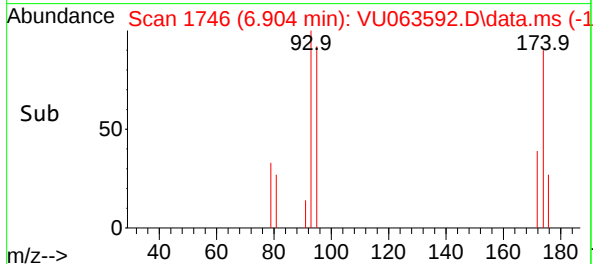
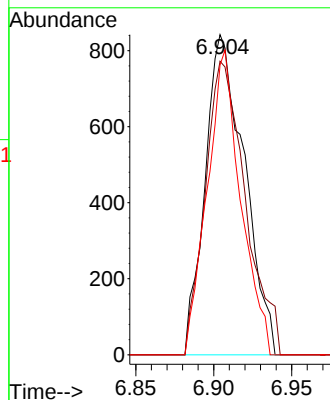
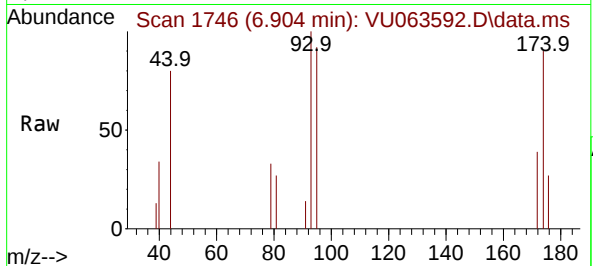




#43
Dibromomethane
Concen: 0.289 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

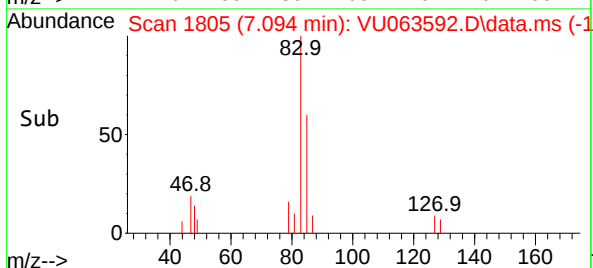
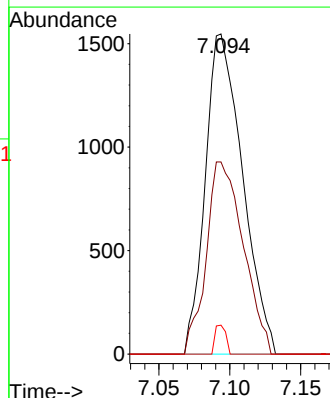
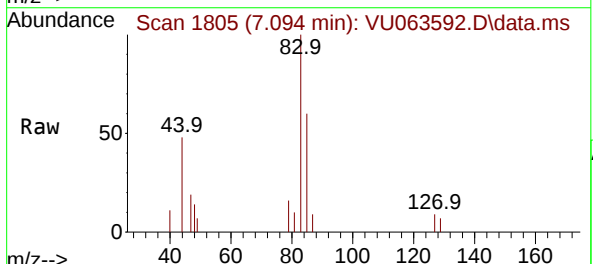
Instrument :
MSVOA_U
ClientSampleId :

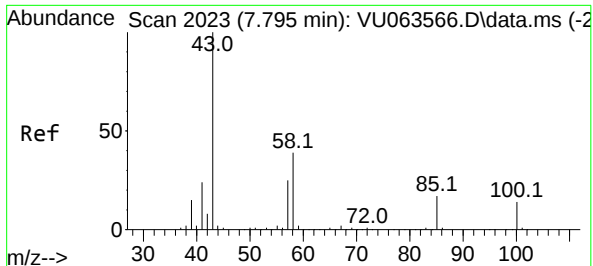
Tgt Ion: 93 Resp: 1472
Ion Ratio Lower Upper
93 100
95 94.2 66.6 100.0
174 81.4 72.7 109.1



#44
Bromodichloromethane
Concen: 0.260 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 83 Resp: 2827
Ion Ratio Lower Upper
83 100
85 60.0 51.2 76.8
127 9.0 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 1.477 ug/l

RT: 7.801 min Scan# 2023

Delta R.T. 0.006 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

ClientSampleId :

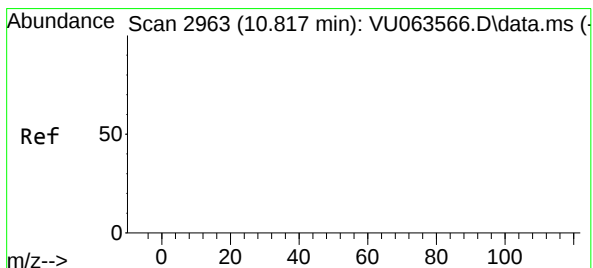
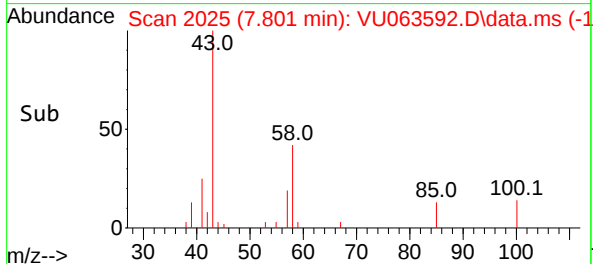
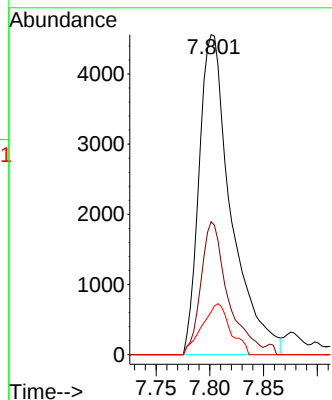
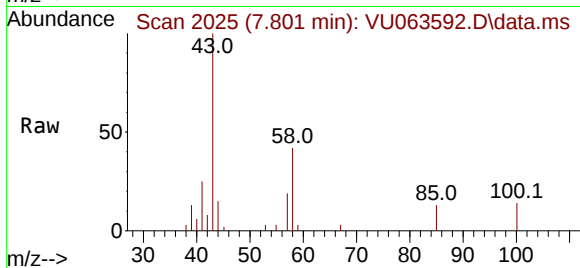
Tgt Ion: 43 Resp: 9429

Ion Ratio Lower Upper

43 100

58 34.9 18.9 56.9

85 14.2 13.3 19.9



#46

t-1,4-Dichloro-2-butene

Concen: 1.160 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Tgt Ion: 75 Resp: 2772

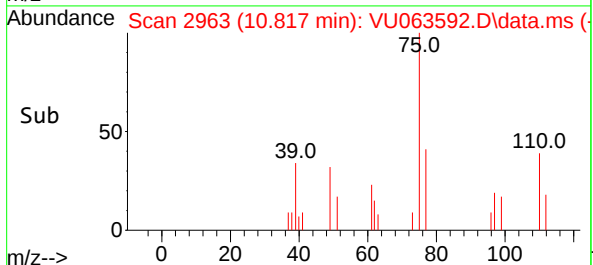
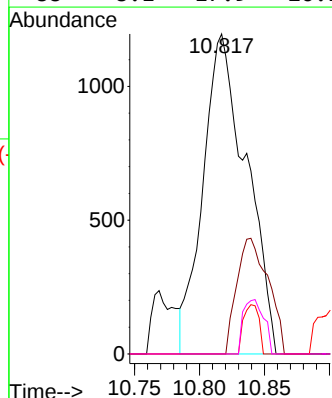
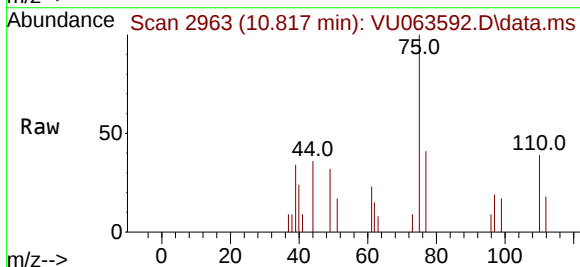
Ion Ratio Lower Upper

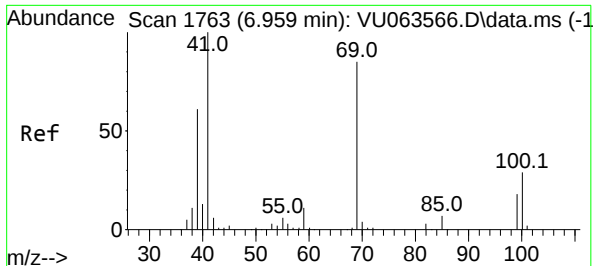
75 100

53 26.1 43.2 64.8#

89 5.5 21.9 32.9#

88 8.1 17.9 26.9#





#47

Methyl methacrylate

Concen: 0.480 ug/l

RT: 6.972 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 2191

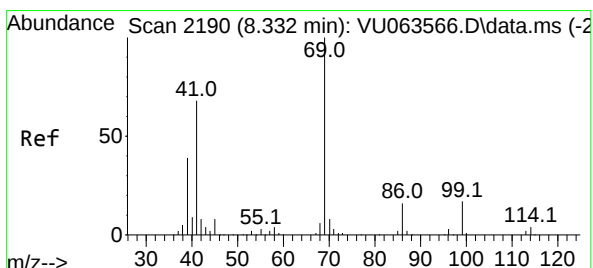
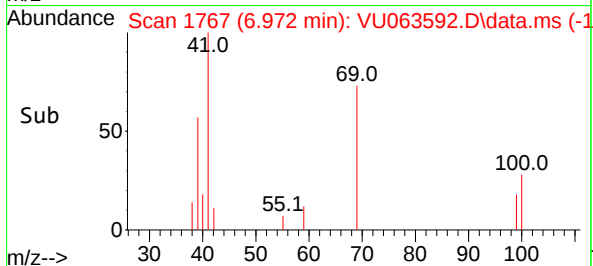
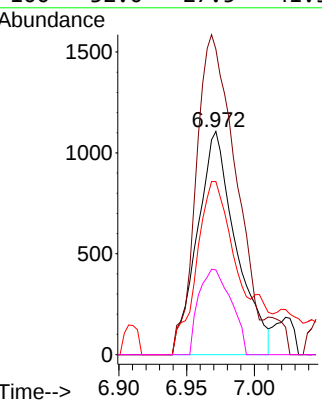
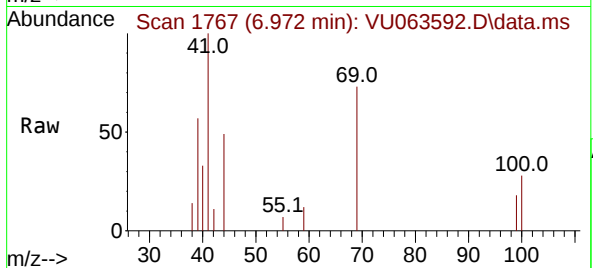
Ion Ratio Lower Upper

69 100

41 148.0 0.0 236.8

39 75.9 57.8 86.6

100 32.0 27.5 41.3



#48

Ethyl methacrylate

Concen: 0.253 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.006 min

Lab File: VU063592.D

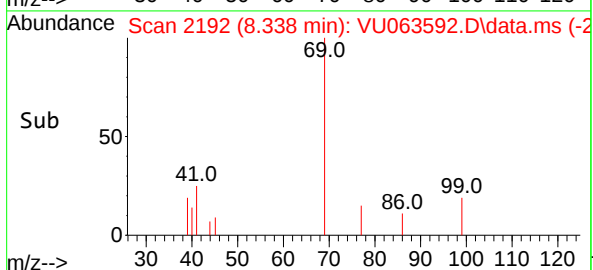
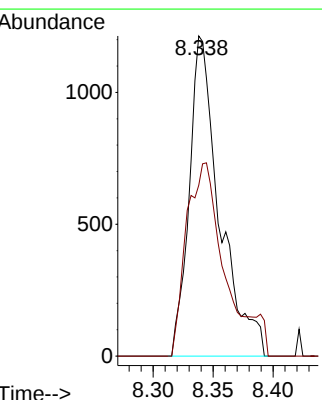
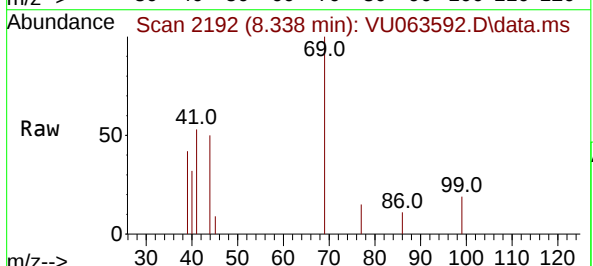
Acq: 16 Sep 2025 13:40

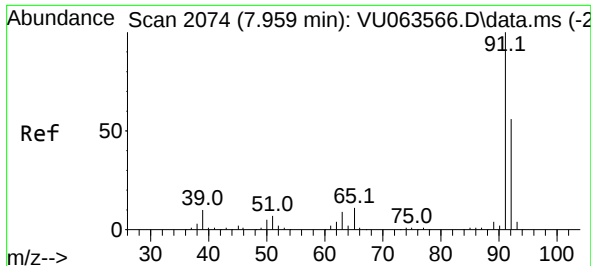
Tgt Ion: 69 Resp: 2137

Ion Ratio Lower Upper

69 100

41 72.9 33.7 101.1





#49

Toluene

Concen: 0.290 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

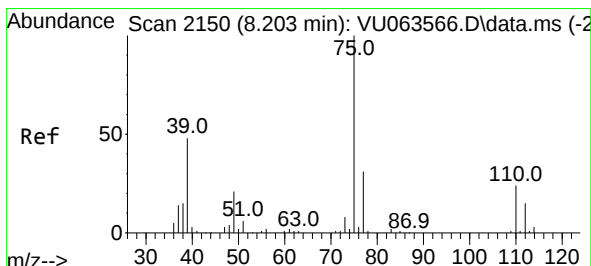
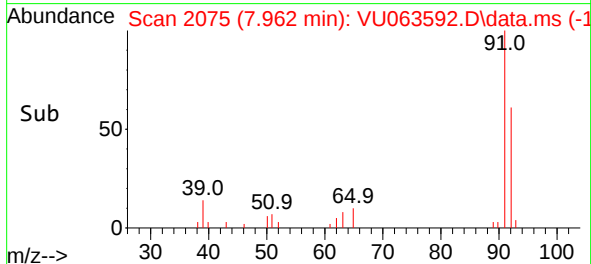
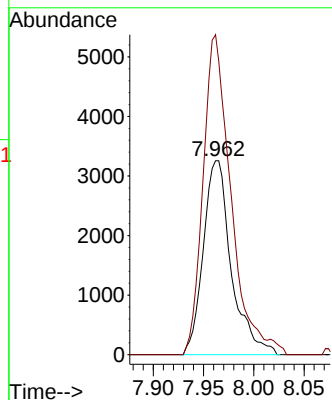
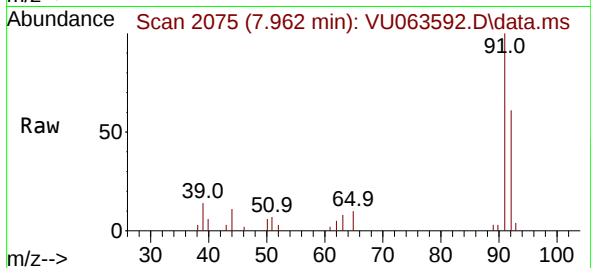
ClientSampleId :

Tgt Ion: 92 Resp: 6319

Ion Ratio Lower Upper

92 100

91 164.3 139.4 209.2



#50

t-1,3-Dichloropropene

Concen: 0.233 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU063592.D

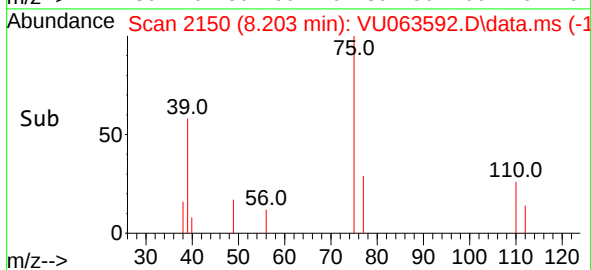
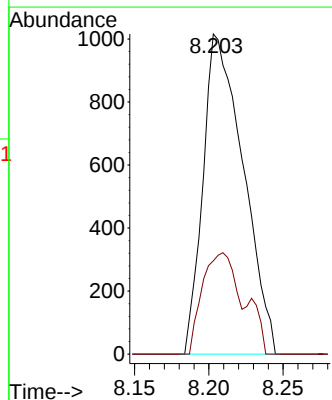
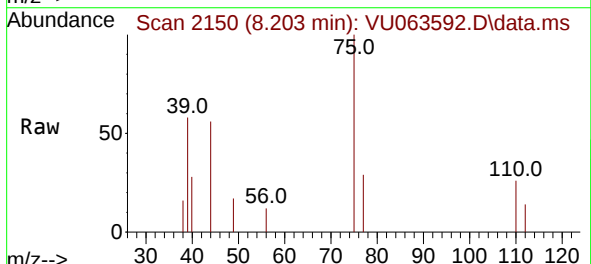
Acq: 16 Sep 2025 13:40

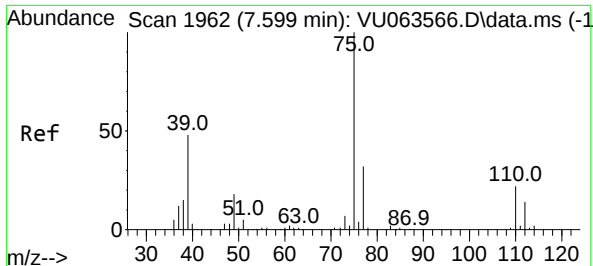
Tgt Ion: 75 Resp: 1905

Ion Ratio Lower Upper

75 100

77 29.1 24.8 37.2





#51

cis-1,3-Dichloropropene

Concen: 0.256 ug/l

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

ClientSampleId :

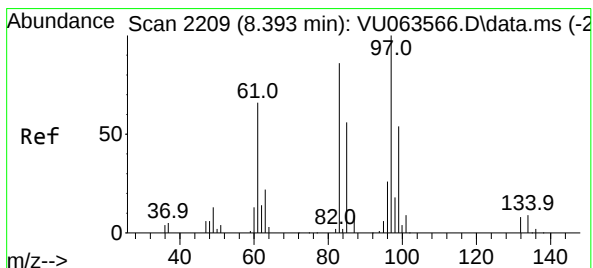
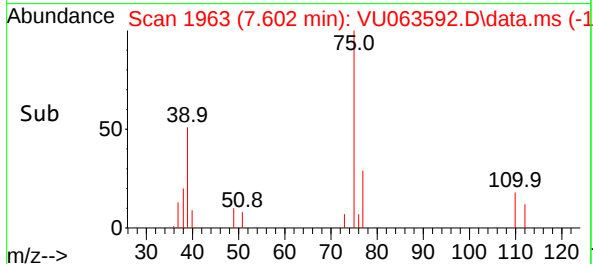
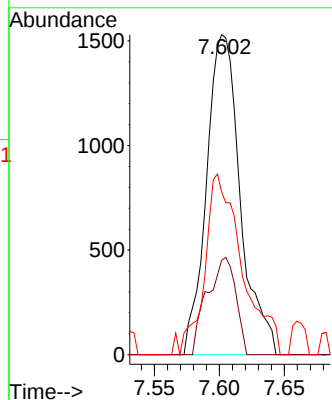
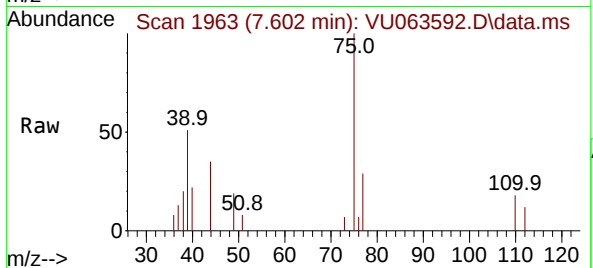
Tgt Ion: 75 Resp: 2775

Ion Ratio Lower Upper

75 100

77 29.5 25.2 37.8

39 50.8 38.8 58.2



#52

1,1,2-Trichloroethane

Concen: 0.281 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Tgt Ion: 97 Resp: 2028

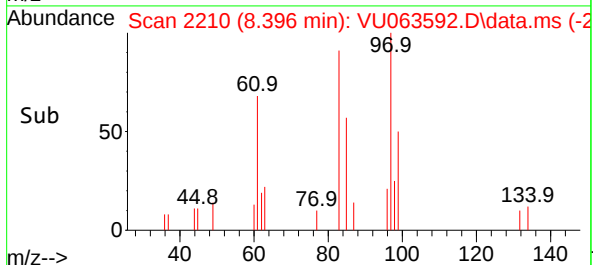
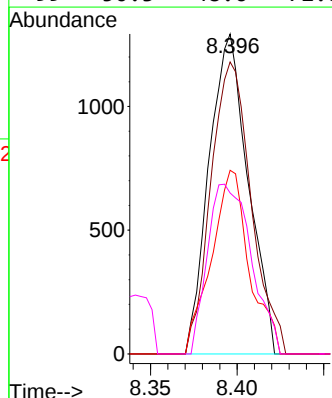
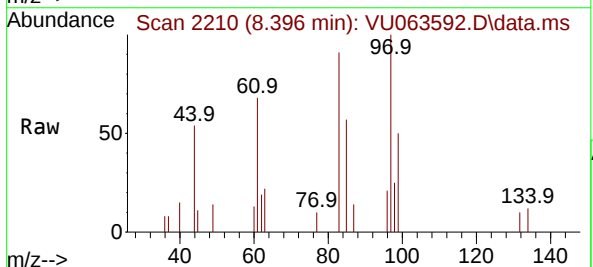
Ion Ratio Lower Upper

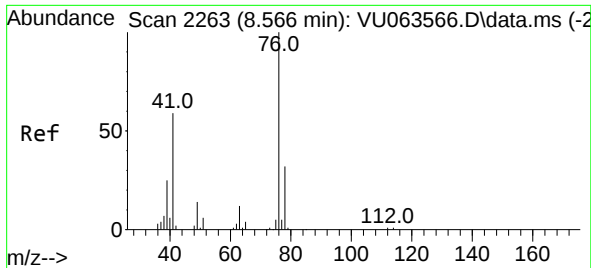
97 100

83 91.3 68.5 102.7

85 57.4 45.0 67.6

99 50.3 48.6 72.8

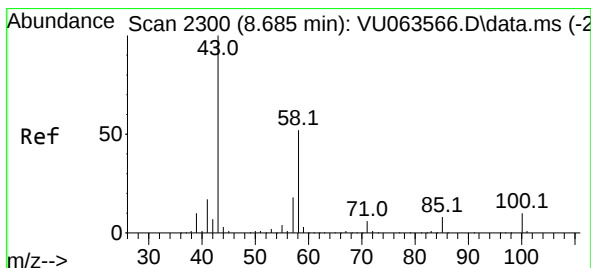
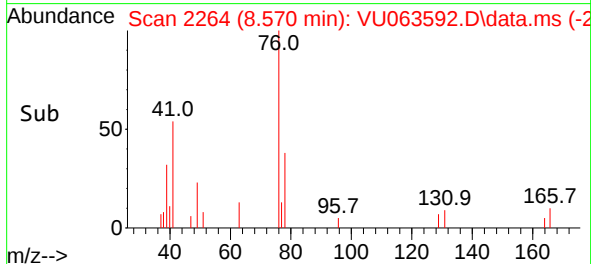
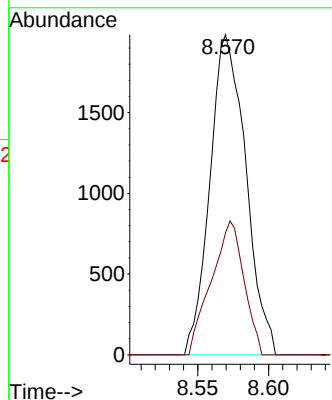
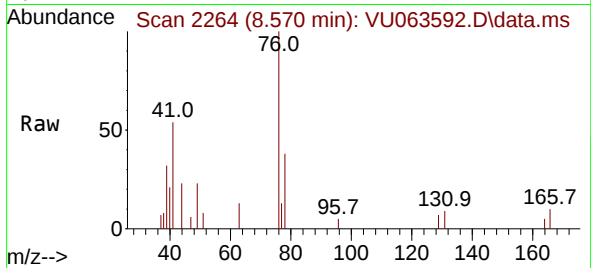




#53
1,3-Dichloropropane
Concen: 0.278 ug/l
RT: 8.570 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

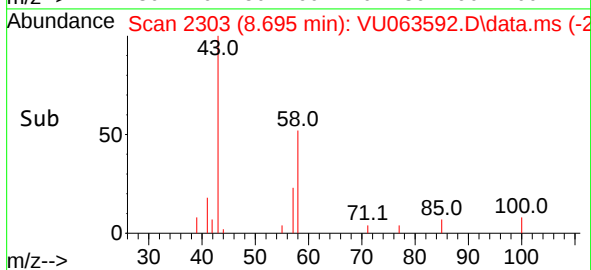
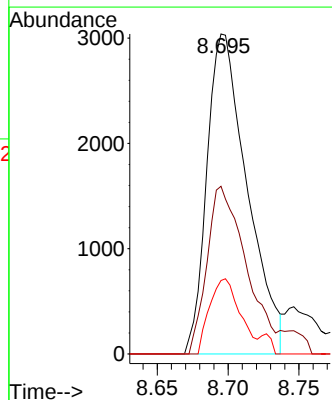
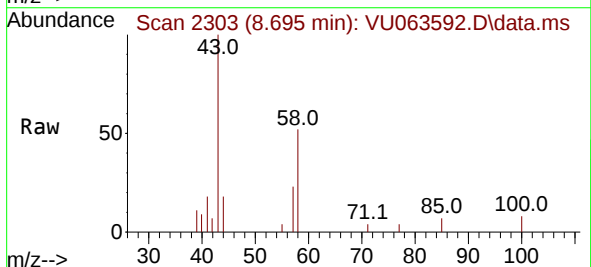
Instrument :
MSVOA_U
ClientSampleId :

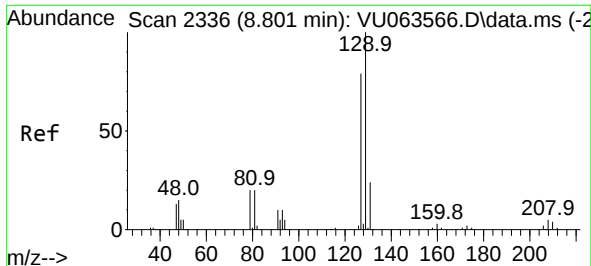
Tgt Ion: 76 Resp: 3488
Ion Ratio Lower Upper
76 100
78 38.0 26.2 39.2



#54
2-Hexanone
Concen: 1.290 ug/l
RT: 8.695 min Scan# 2303
Delta R.T. 0.010 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 43 Resp: 6020
Ion Ratio Lower Upper
43 100
58 52.1 32.7 72.7
57 17.9 0.0 38.2

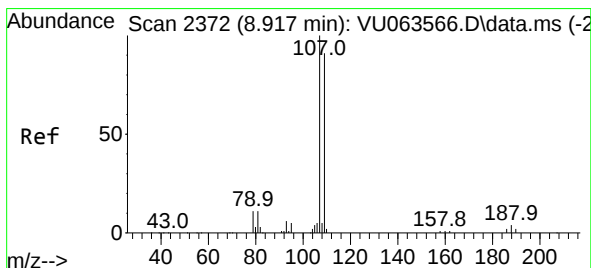
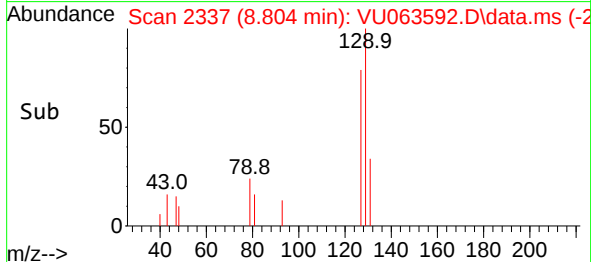
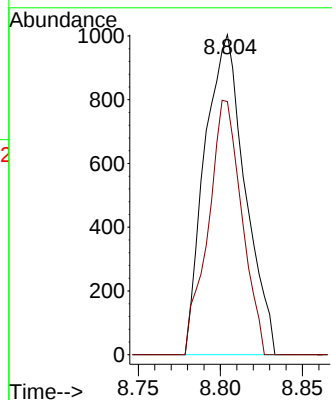
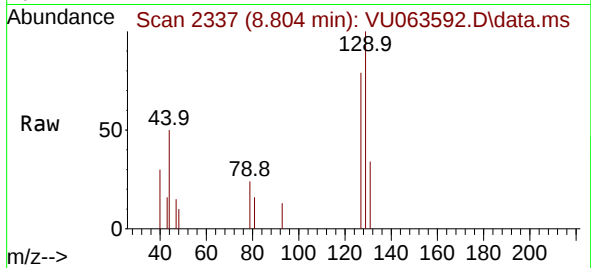




#55
Dibromochloromethane
Concen: 0.244 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

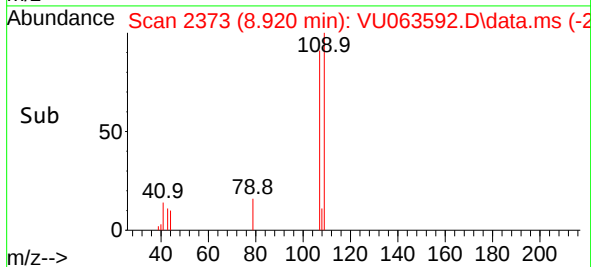
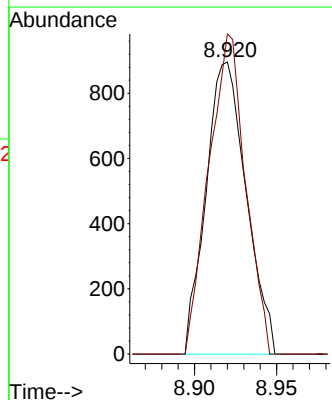
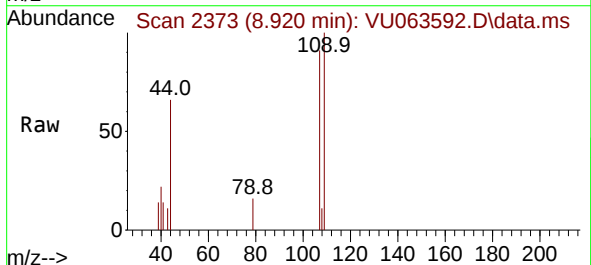
Instrument :
MSVOA_U
ClientSampleId :

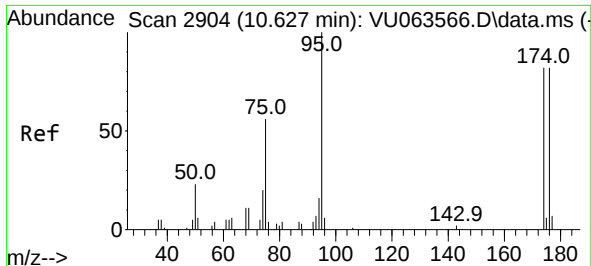
Tgt Ion:129 Resp: 1707
Ion Ratio Lower Upper
129 100
127 66.5 61.9 92.9



#56
1,2-Dibromoethane
Concen: 0.245 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion:107 Resp: 1526
Ion Ratio Lower Upper
107 100
109 99.9 0.0 183.6

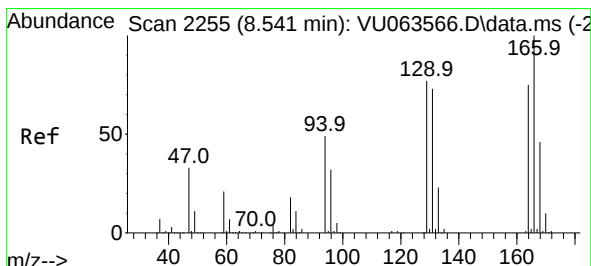
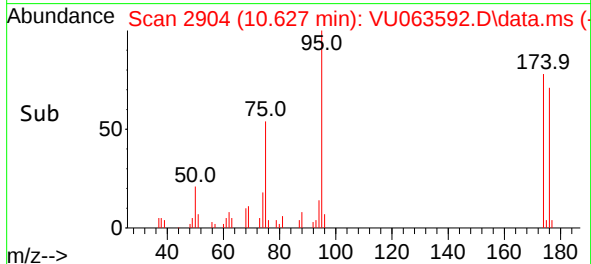
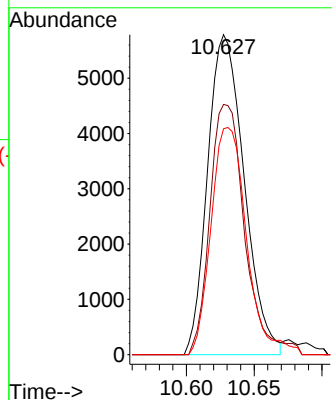
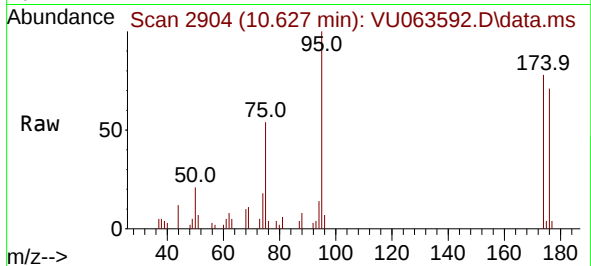




#57
4-Bromofluorobenzene
Concen: 0.950 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

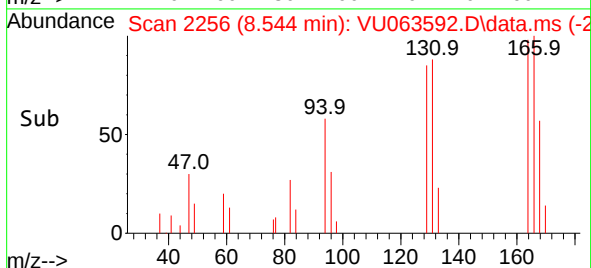
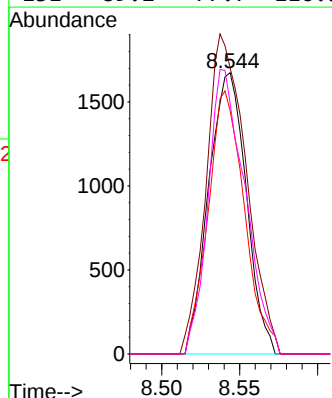
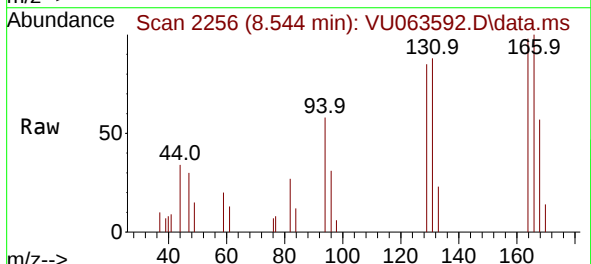
Instrument :
MSVOA_U
ClientSampleId :

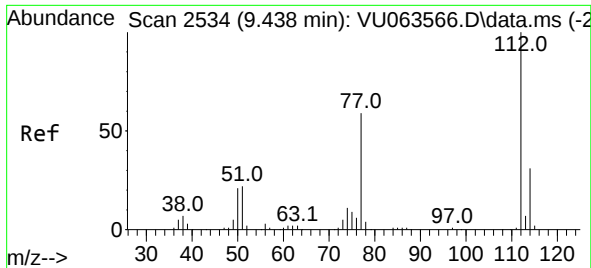
Tgt Ion: 95 Resp: 10850
Ion Ratio Lower Upper
95 100
174 74.7 64.7 97.1
176 69.1 66.2 99.4



#58
Tetrachloroethene
Concen: 0.285 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 164 Resp: 2803
Ion Ratio Lower Upper
164 100
166 101.7 106.4 159.6#
129 86.4 81.4 122.2
131 89.2 77.7 116.5

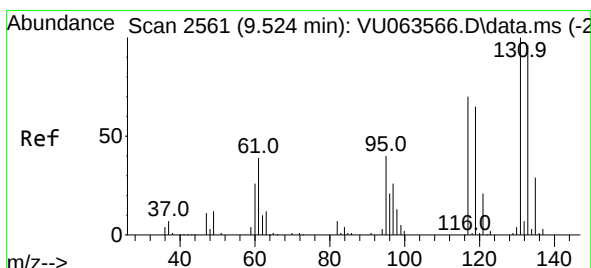
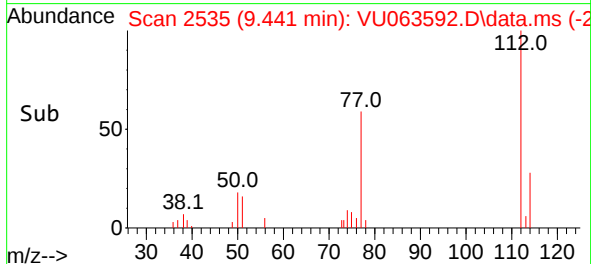
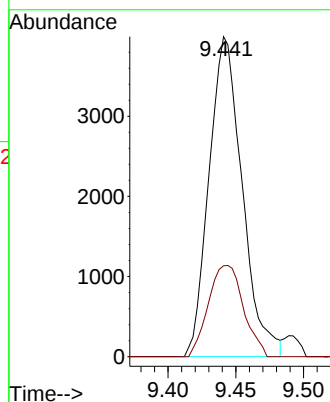
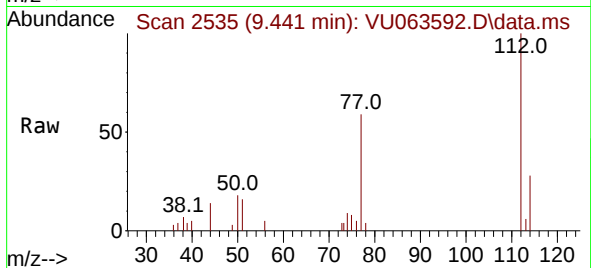




#59
Chlorobenzene
Concen: 0.271 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

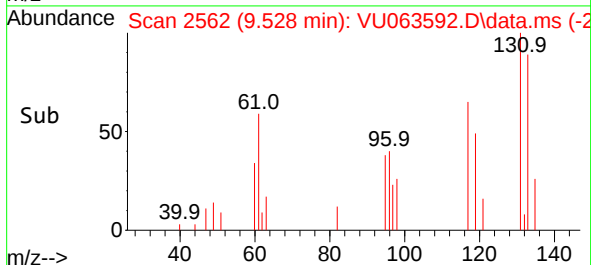
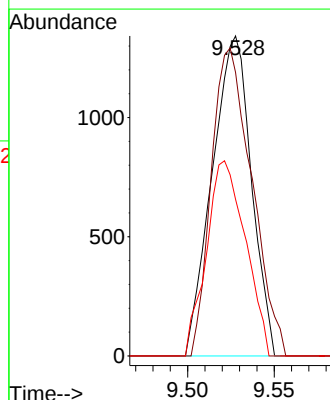
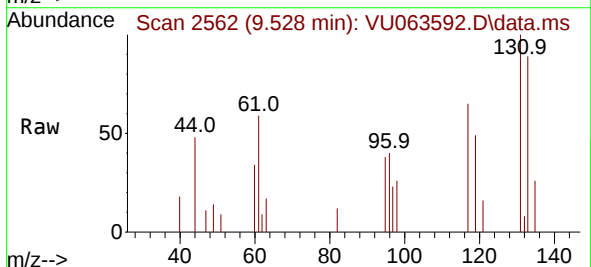
Instrument :
MSVOA_U
ClientSampleId :

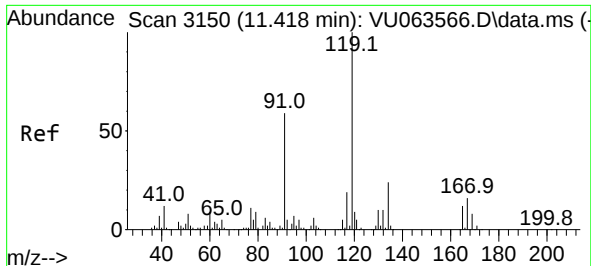
Tgt Ion:112 Resp: 6800
Ion Ratio Lower Upper
112 100
114 28.4 25.0 37.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.258 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion:131 Resp: 2112
Ion Ratio Lower Upper
131 100
133 99.3 75.8 113.8
119 60.6 51.8 77.6

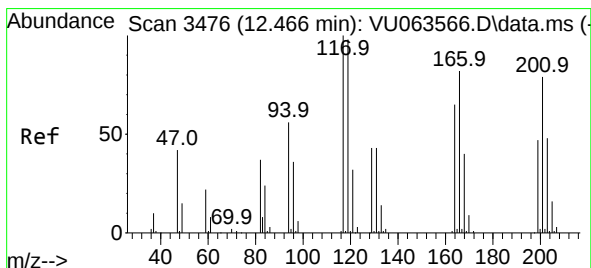
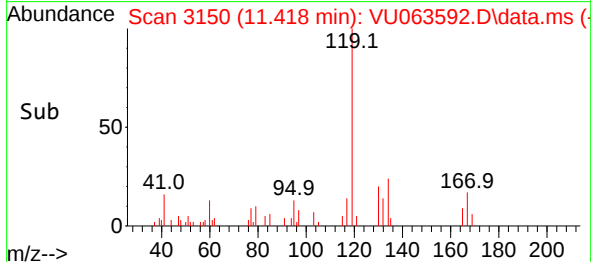
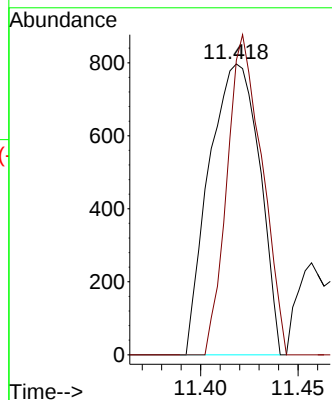
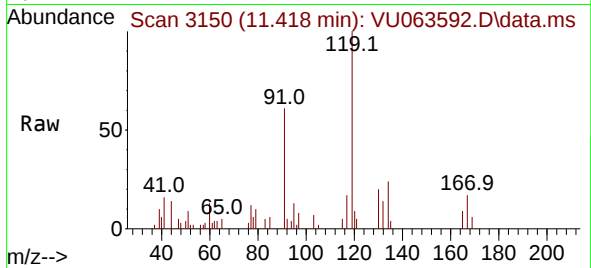




#61
 Pentachloroethane
 Concen: 0.244 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU063592.D
 Acq: 16 Sep 2025 13:40

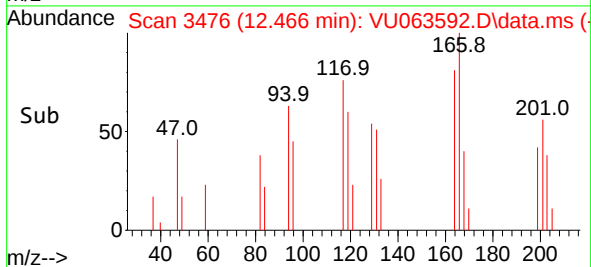
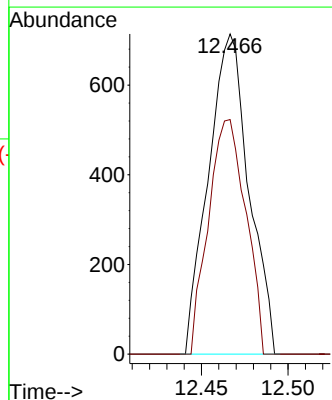
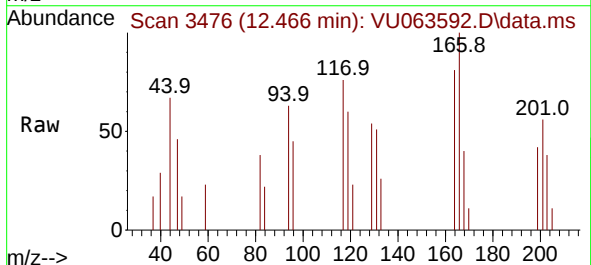
Instrument :
 MSVOA_U
 ClientSampleId :

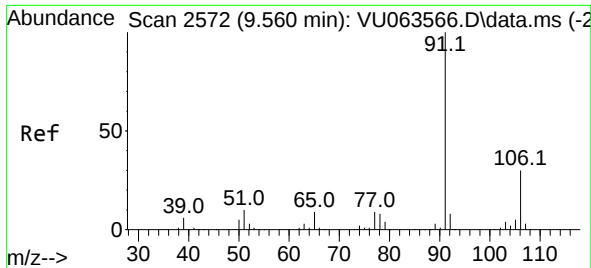
Tgt Ion:117 Resp: 1436
 Ion Ratio Lower Upper
 117 100
 167 76.3 62.6 93.8



#62
 Hexachloroethane
 Concen: 0.228 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU063592.D
 Acq: 16 Sep 2025 13:40

Tgt Ion:117 Resp: 1163
 Ion Ratio Lower Upper
 117 100
 201 67.4 61.0 91.6

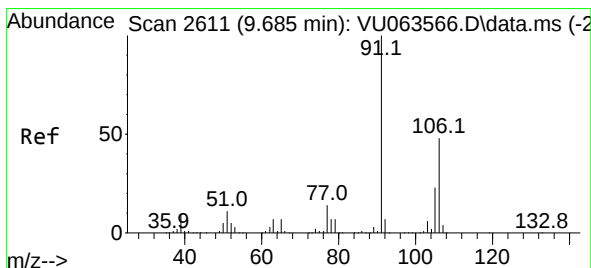
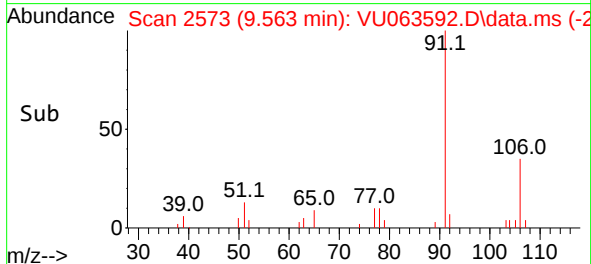
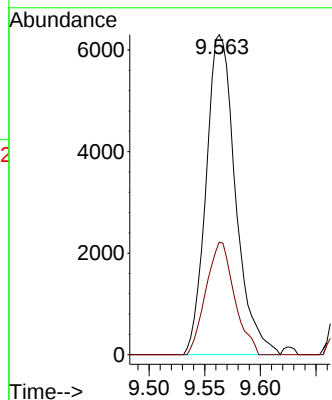
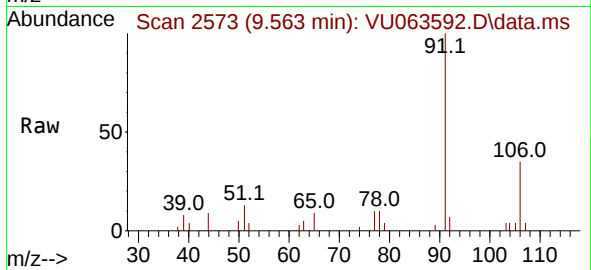




#63
Ethyl Benzene
Concen: 0.271 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

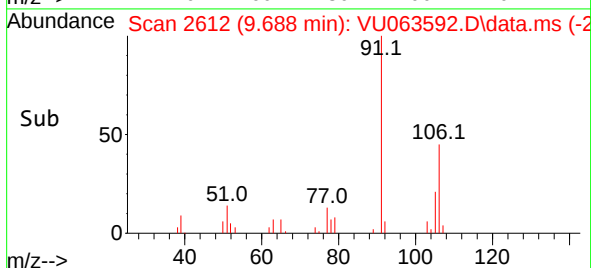
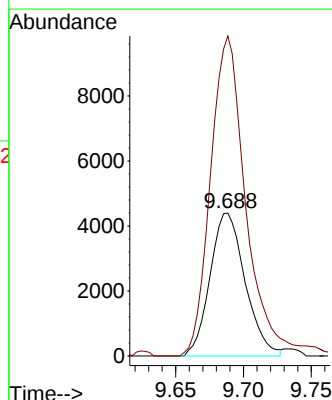
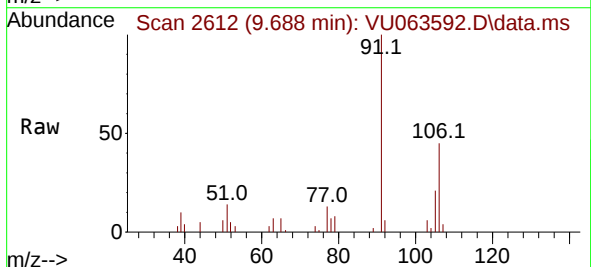
Instrument :
MSVOA_U
ClientSampleId :

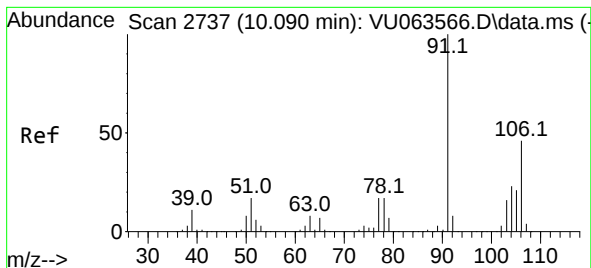
Tgt Ion: 91 Resp: 11596
Ion Ratio Lower Upper
91 100
106 35.2 23.8 35.8



#64
m/p-Xylenes
Concen: 0.480 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion:106 Resp: 7911
Ion Ratio Lower Upper
106 100
91 228.2 167.0 250.4





#65

o-Xylene

Concen: 0.264 ug/l

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

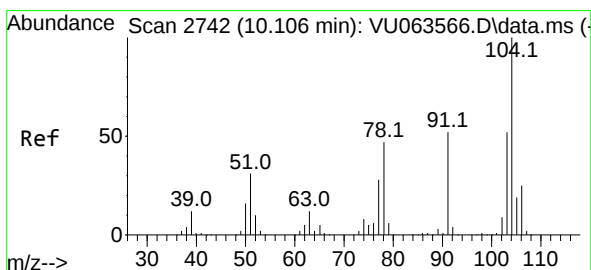
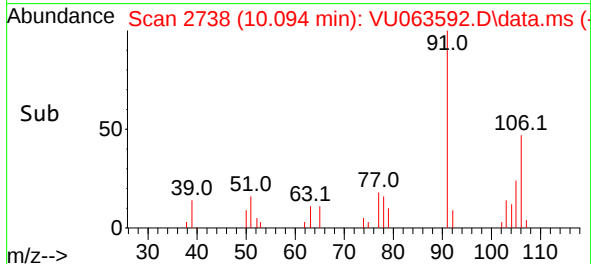
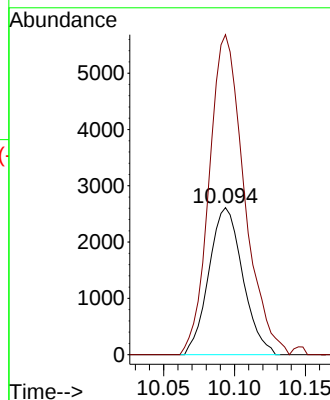
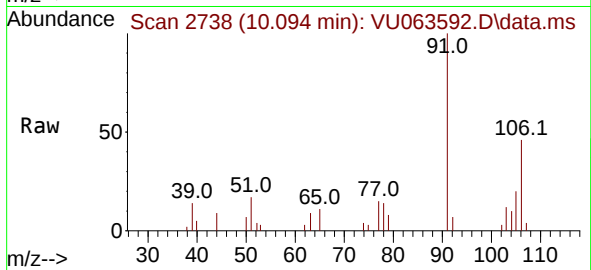
ClientSampleId :

Tgt Ion:106 Resp: 4345

Ion Ratio Lower Upper

106 100

91 225.3 108.7 326.1



#66

Styrene

Concen: 0.240 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

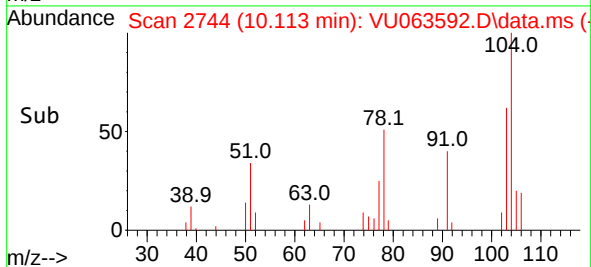
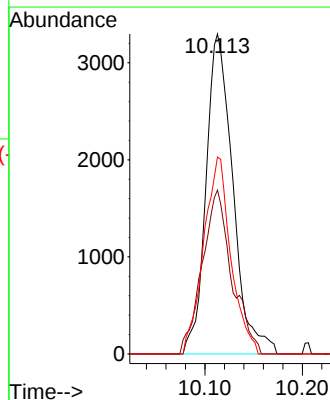
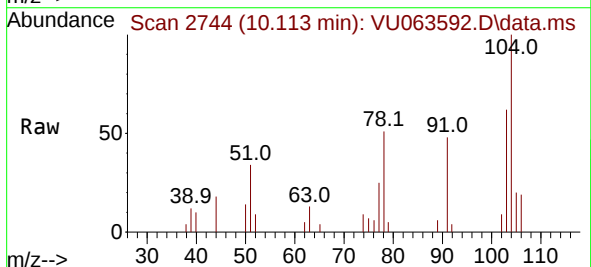
Tgt Ion:104 Resp: 6321

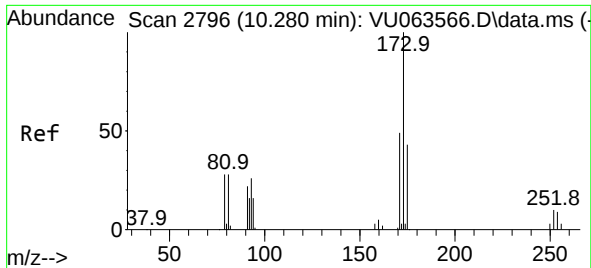
Ion Ratio Lower Upper

104 100

78 56.3 41.2 61.8

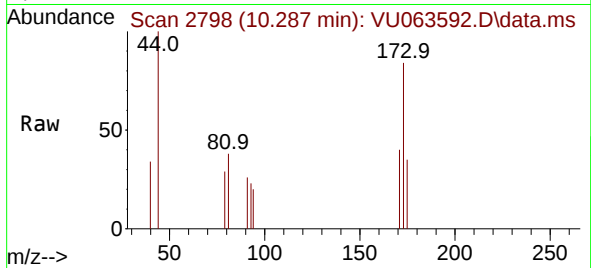
103 62.2 44.2 66.2



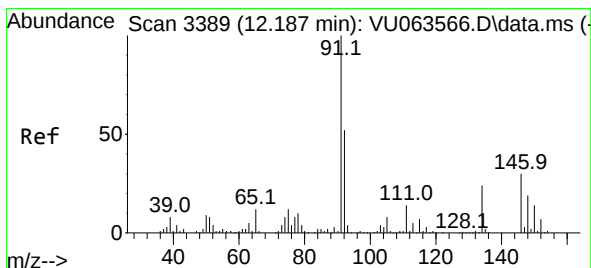
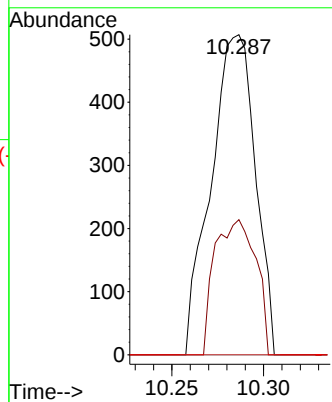
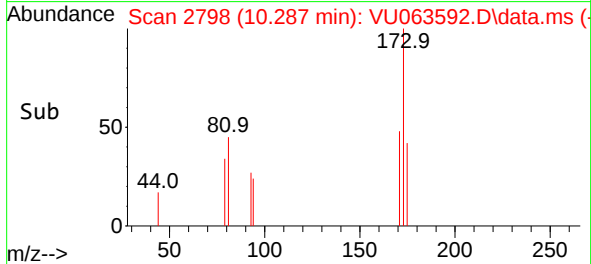


#67
Bromoform
Concen: 0.245 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

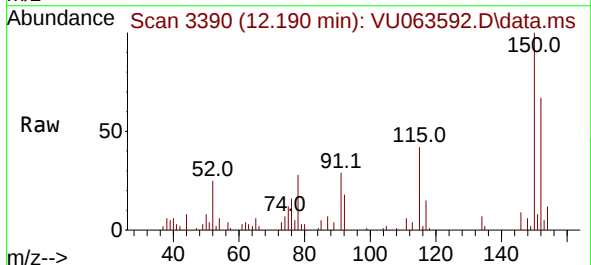
Instrument :
MSVOA_U
ClientSampleId :



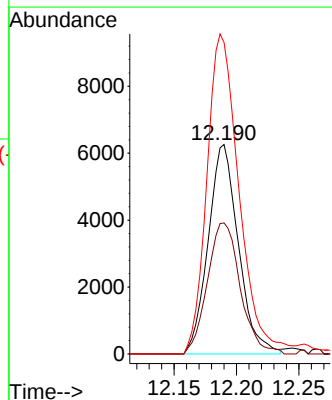
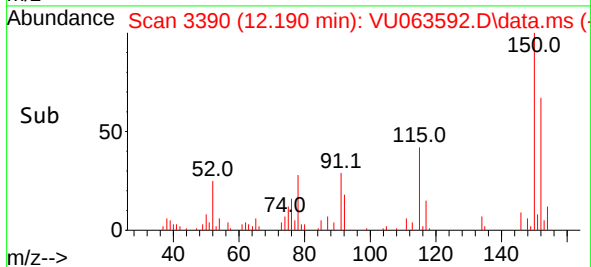
Tgt Ion:173 Resp: 854
Ion Ratio Lower Upper
173 100
175 39.1 37.0 55.6
254 0.0 7.1 10.7#

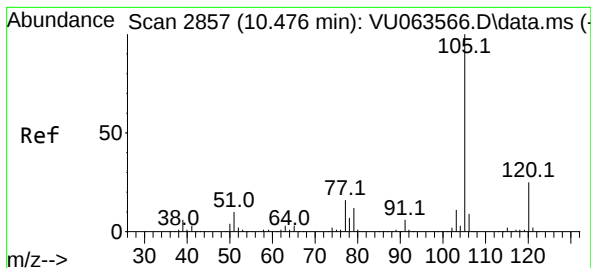


#68
1,2-Dichlorobenzene-d4
Concen: 0.906 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40



Tgt Ion:152 Resp: 10551
Ion Ratio Lower Upper
152 100
115 67.9 0.0 260.6
150 162.4 0.0 661.8





#69

Isopropylbenzene

Concen: 0.257 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

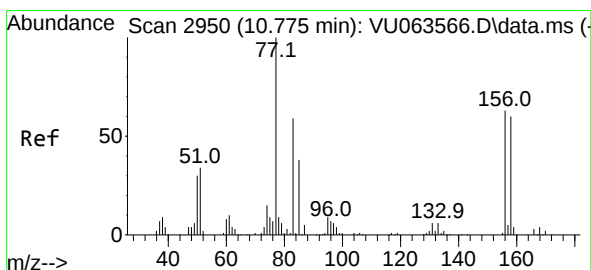
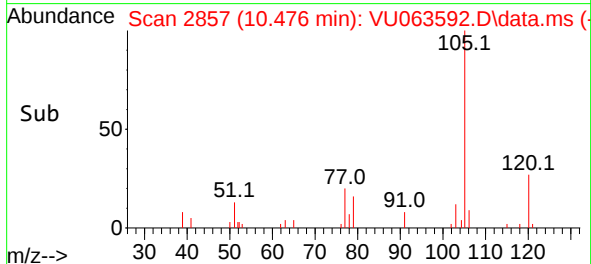
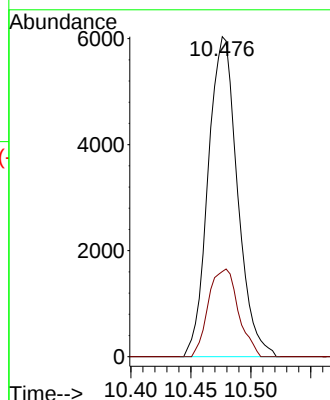
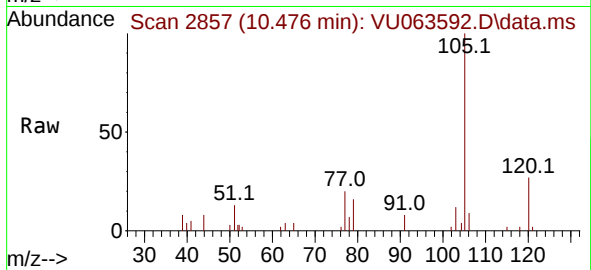
ClientSampleId :

Tgt Ion:105 Resp: 10265

Ion Ratio Lower Upper

105 100

120 27.8 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 0.283 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

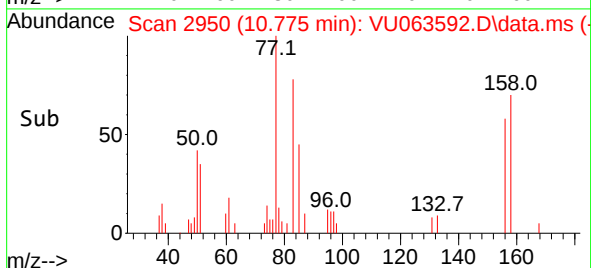
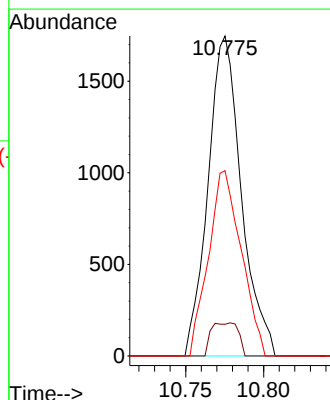
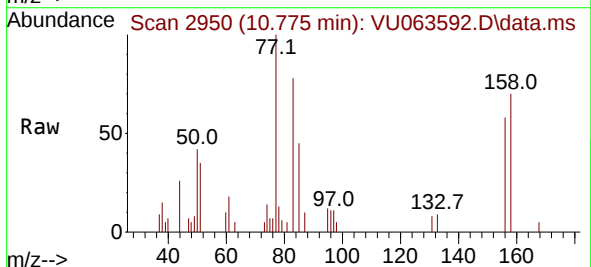
Tgt Ion: 83 Resp: 2598

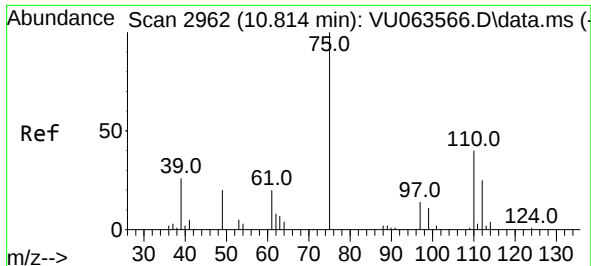
Ion Ratio Lower Upper

83 100

131 8.4 7.7 11.5

85 57.0 52.2 78.4

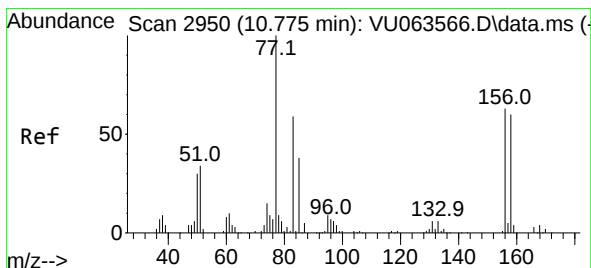
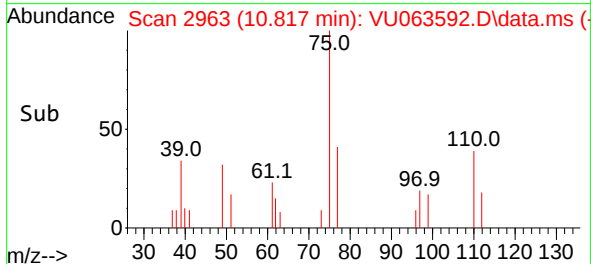
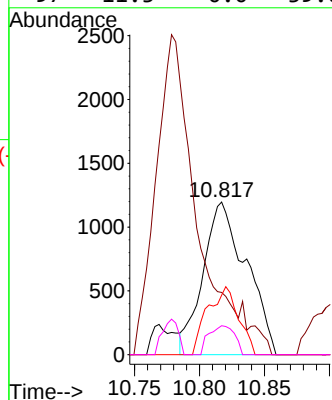
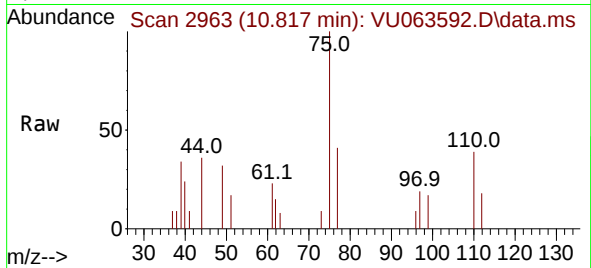




#71
1,2,3-Trichloropropane
Concen: 0.407 ug/l
RT: 10.817 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

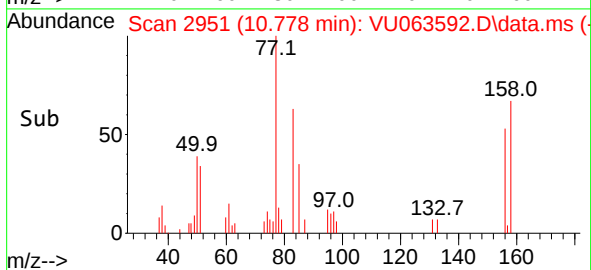
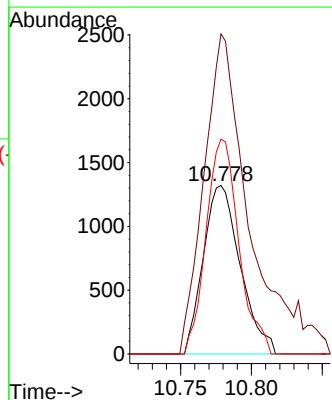
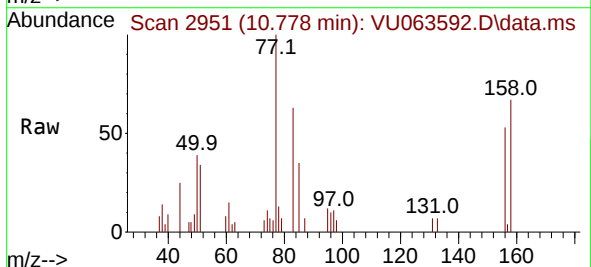
Instrument :
MSVOA_U
ClientSampleId :

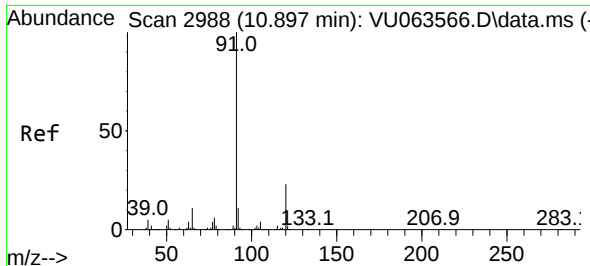
Tgt Ion: 75 Resp: 2772
Ion Ratio Lower Upper
75 100
77 27.5 0.0 0.0#
110 31.7 0.0 77.6
97 11.3 0.0 39.6



#72
Bromobenzene
Concen: 0.231 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 156 Resp: 2401
Ion Ratio Lower Upper
156 100
77 233.3 0.0 323.0
158 113.0 0.0 195.4

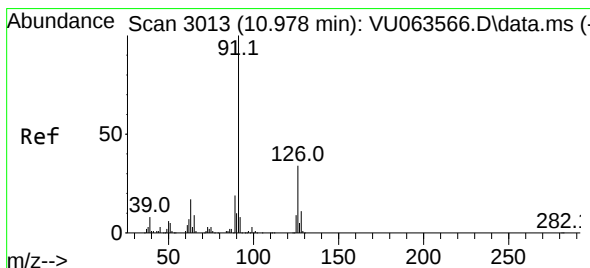
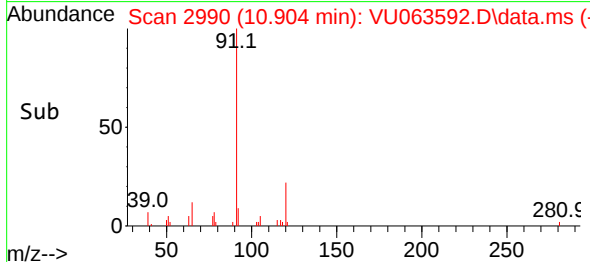
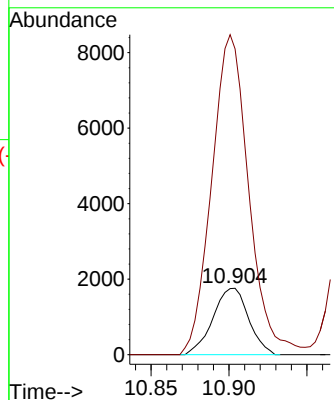
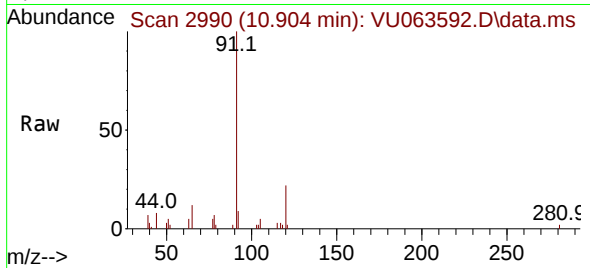




#73
n-propylbenzene
Concen: 0.242 ug/l
RT: 10.904 min Scan# 2988
Delta R.T. 0.006 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

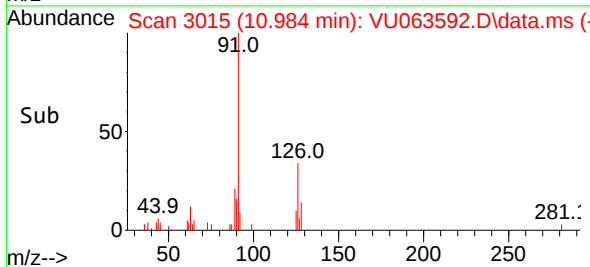
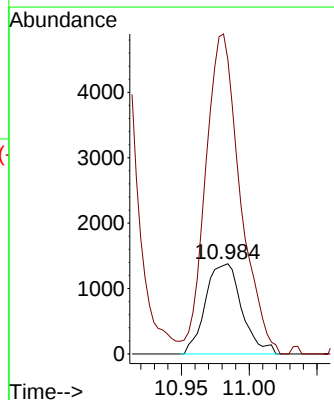
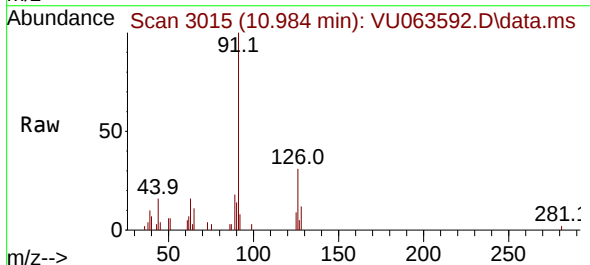
Instrument :
MSVOA_U
ClientSampleId :

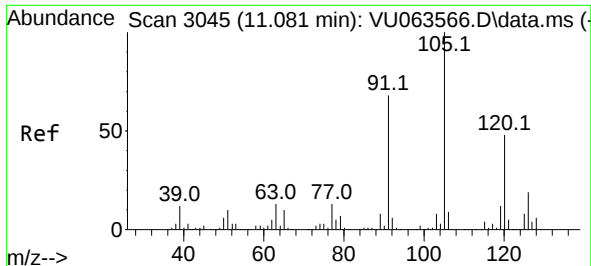
Tgt Ion:120 Resp: 2802
Ion Ratio Lower Upper
120 100
91 500.4 349.1 523.7



#74
2-Chlorotoluene
Concen: 0.244 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.006 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion:126 Resp: 2556
Ion Ratio Lower Upper
126 100
91 339.9 0.0 609.4

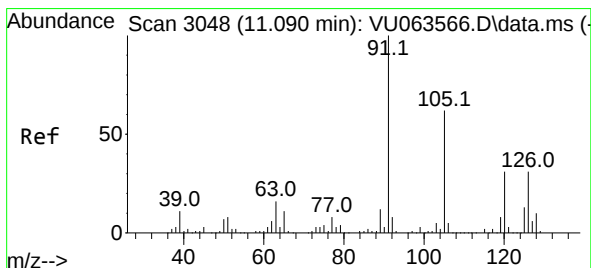
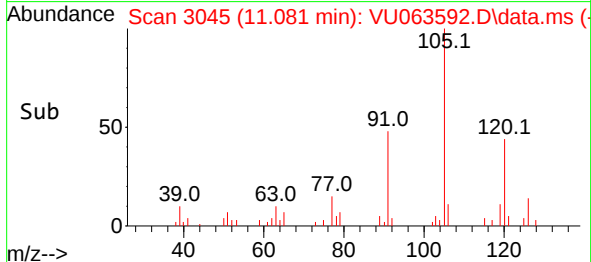
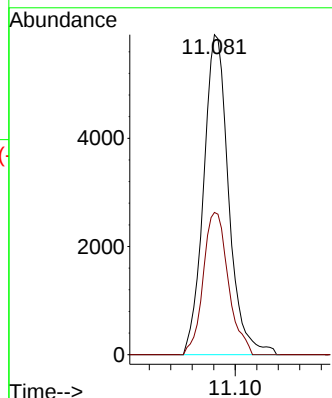
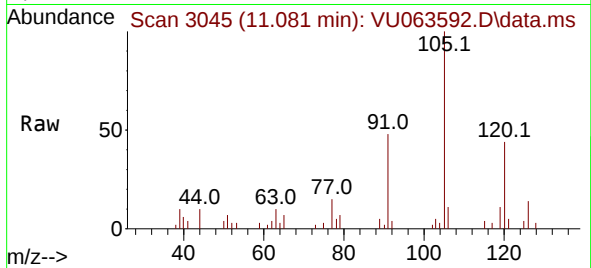




#75
1,3,5-Trimethylbenzene
Concen: 0.255 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

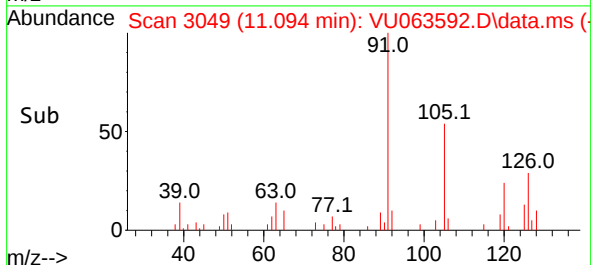
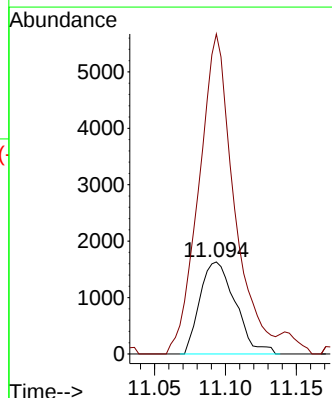
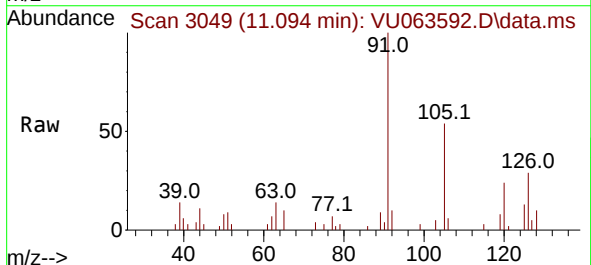
Instrument :
MSVOA_U
ClientSampleId :

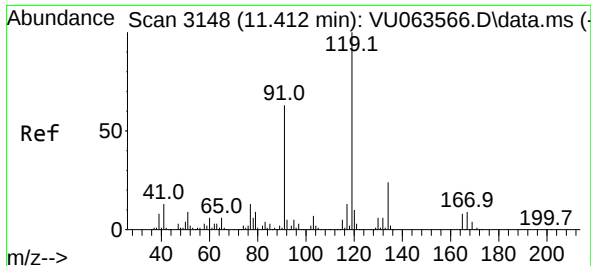
Tgt Ion:105 Resp: 9549
Ion Ratio Lower Upper
105 100
120 44.6 38.0 57.0



#76
4-Chlorotoluene
Concen: 0.259 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion:126 Resp: 2839
Ion Ratio Lower Upper
126 100
91 344.5 0.0 679.4





#77

tert-Butylbenzene

Concen: 0.258 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU063592.D

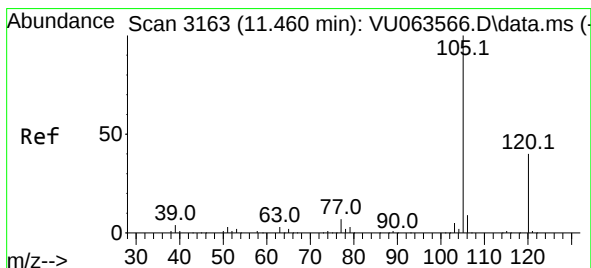
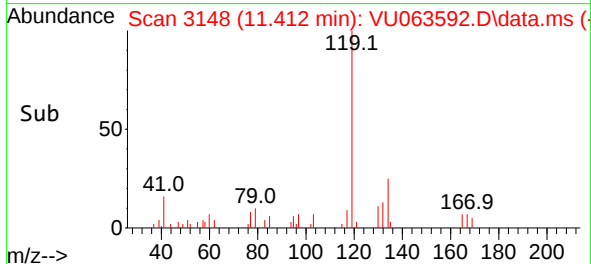
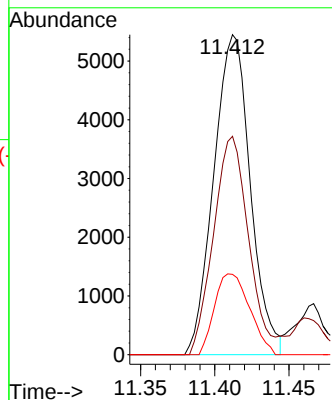
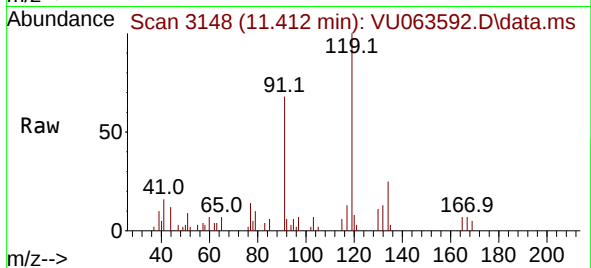
Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	119	Resp:	9338
Ion Ratio	Lower	Upper	
119	100		
91	65.2	31.0	93.0
134	24.2	19.0	28.6



#78

1,2,4-Trimethylbenzene

Concen: 0.262 ug/l

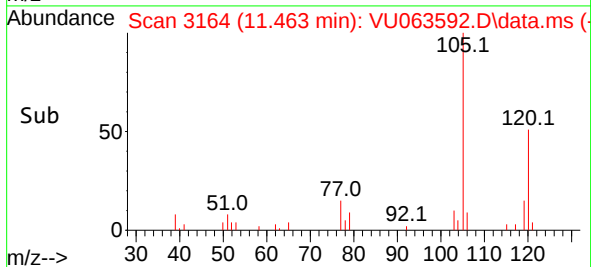
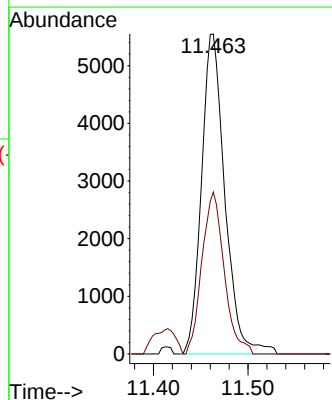
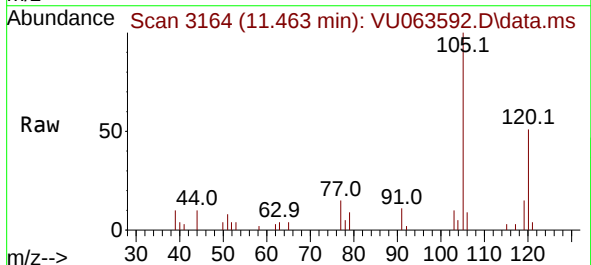
RT: 11.463 min Scan# 3164

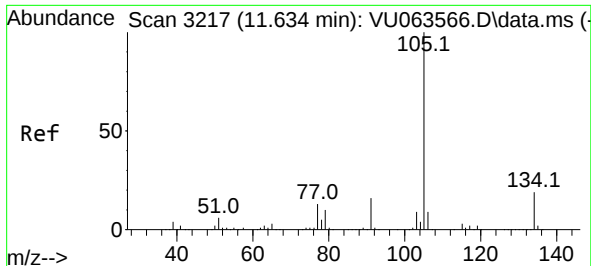
Delta R.T. 0.003 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

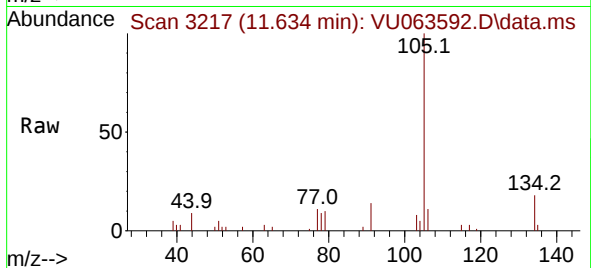
Tgt Ion:	105	Resp:	9538
Ion Ratio	Lower	Upper	
105	100		
120	48.1	22.4	67.3



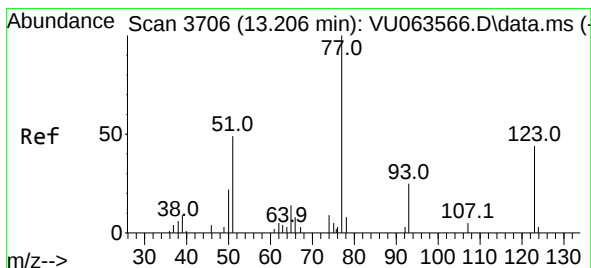
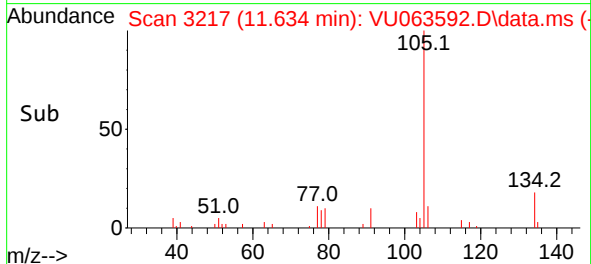
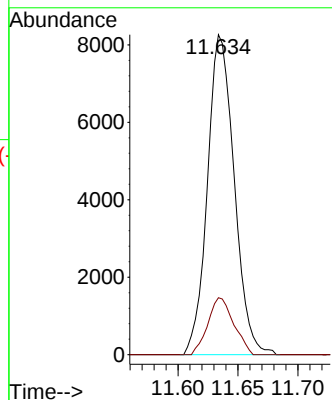


#79
 sec-Butylbenzene
 Concen: 0.262 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063592.D
 Acq: 16 Sep 2025 13:40

Instrument :
 MSVOA_U
 ClientSampleId :

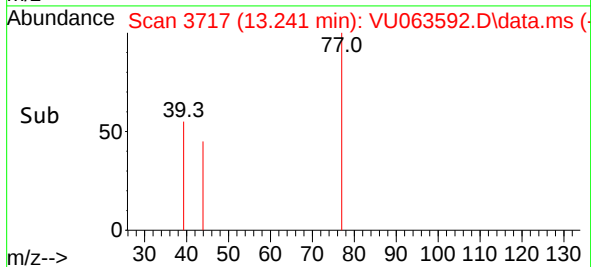
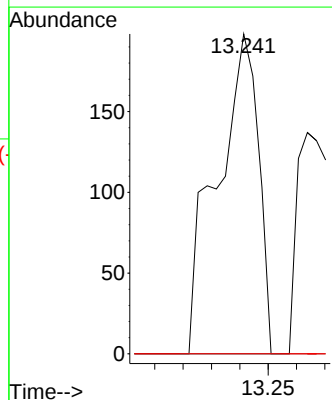
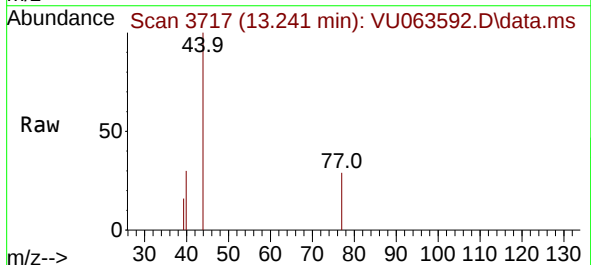


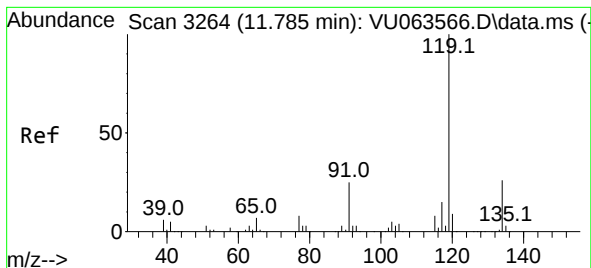
Tgt Ion:105 Resp: 12826
 Ion Ratio Lower Upper
 105 100
 134 17.1 15.6 23.4



#80
 Nitrobenzene
 Concen: 1.601 ug/l
 RT: 13.241 min Scan# 3717
 Delta R.T. 0.035 min
 Lab File: VU063592.D
 Acq: 16 Sep 2025 13:40

Tgt Ion: 77 Resp: 202
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.0 63.6#
 65 0.0 12.8 16.4#





#81

p-Isopropyltoluene

Concen: 0.253 ug/l

RT: 11.788 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063592.D

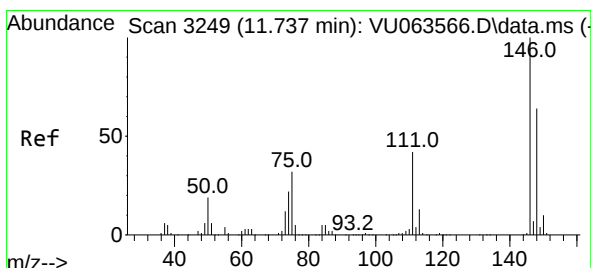
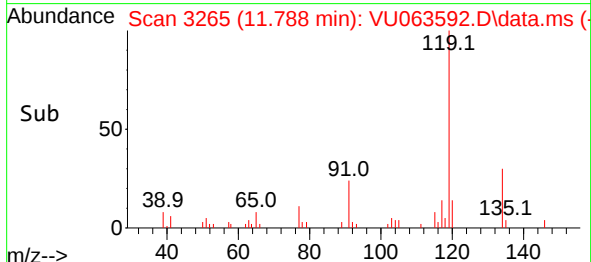
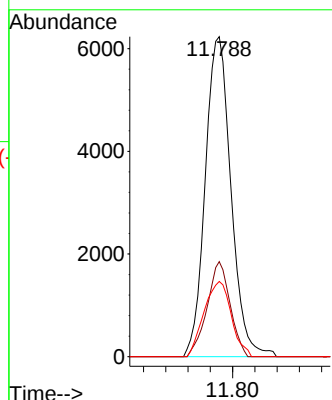
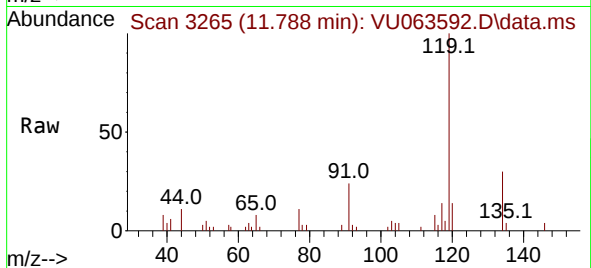
Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:119	Resp:	9996
Ion	Ratio	Lower Upper
119	100	
134	26.5	20.6 30.8
91	24.8	19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 0.267 ug/l

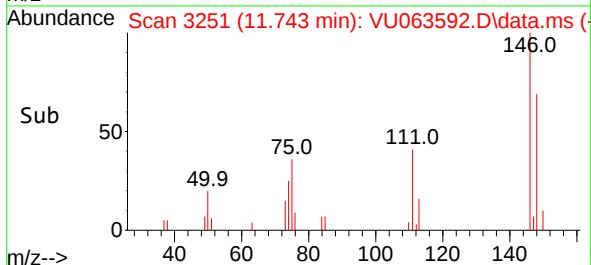
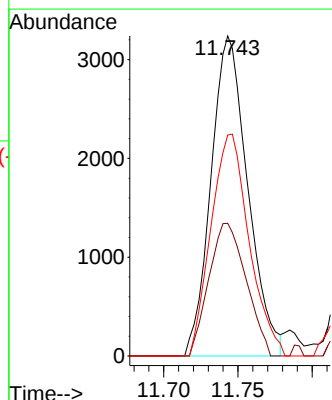
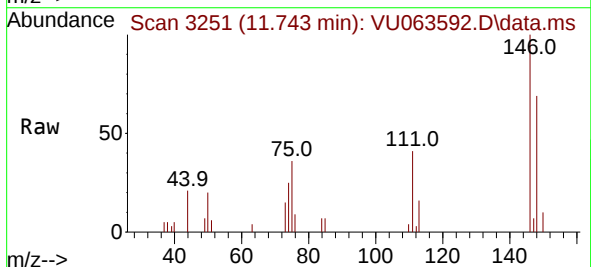
RT: 11.743 min Scan# 3251

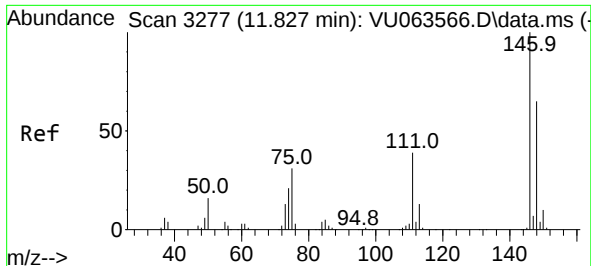
Delta R.T. 0.006 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

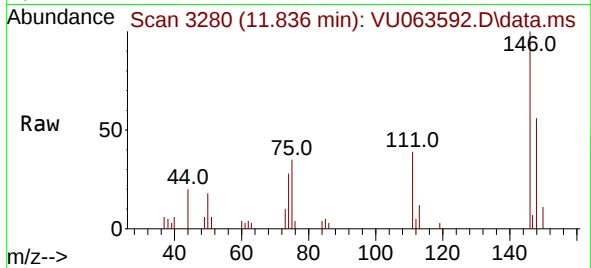
Tgt Ion:146	Resp:	5578
Ion	Ratio	Lower Upper
146	100	
111	42.0	32.7 49.1
148	71.8	50.4 75.6



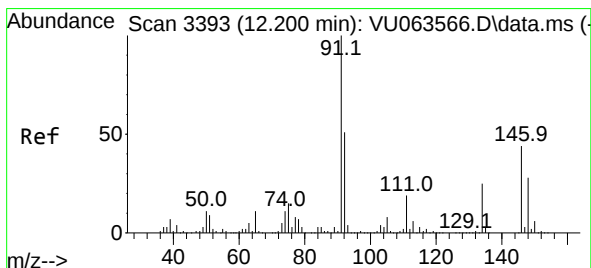
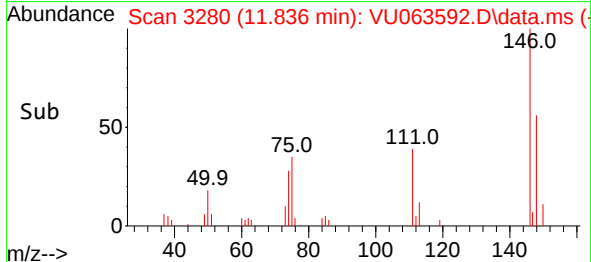
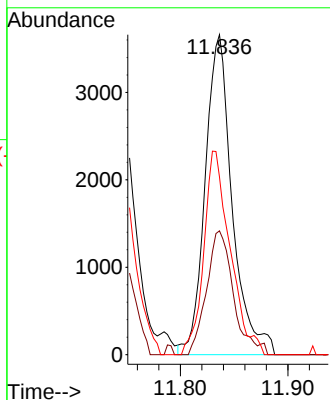


#83
1,4-Dichlorobenzene
Concen: 0.298 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.010 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Instrument :
MSVOA_U
ClientSampleId :

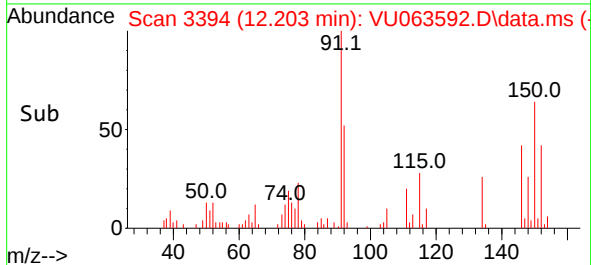
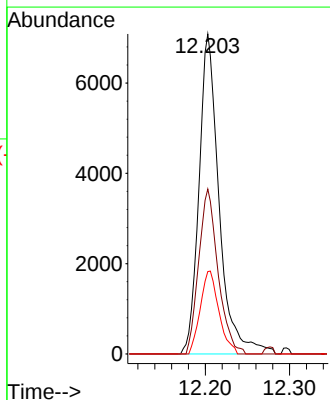
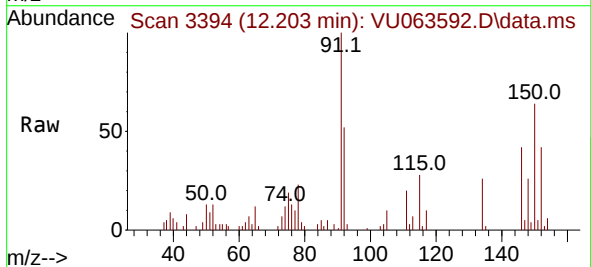


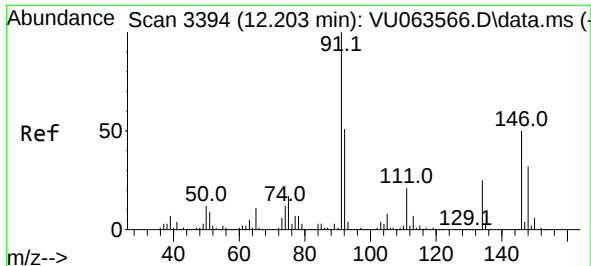
Tgt Ion:146 Resp: 6393
Ion Ratio Lower Upper
146 100
111 38.5 31.6 47.4
148 62.1 51.8 77.8



#84
n-Butylbenzene
Concen: 0.318 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion: 91 Resp: 11772
Ion Ratio Lower Upper
91 100
92 49.5 41.3 61.9
134 23.9 19.9 29.9

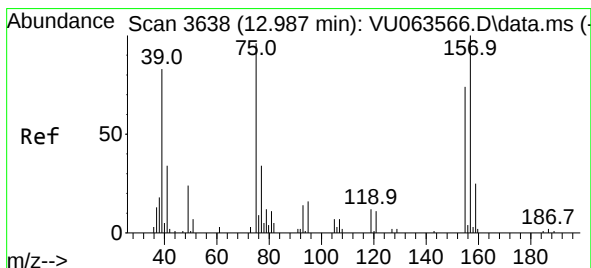
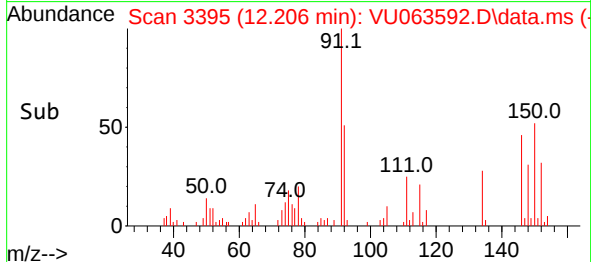
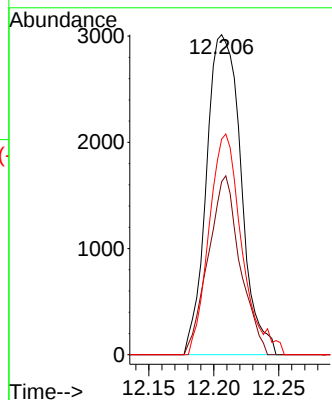
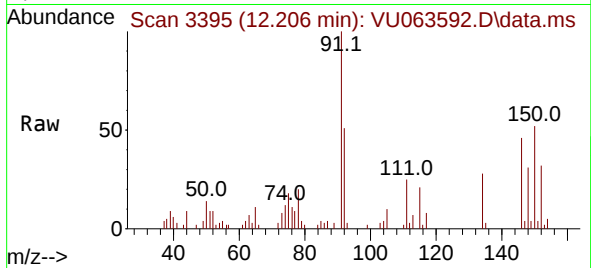




#85
 1,2-Dichlorobenzene
 Concen: 0.277 ug/l
 RT: 12.206 min Scan# 3394
 Delta R.T. 0.003 min
 Lab File: VU063592.D
 Acq: 16 Sep 2025 13:40

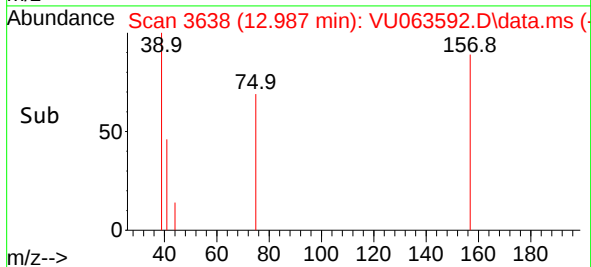
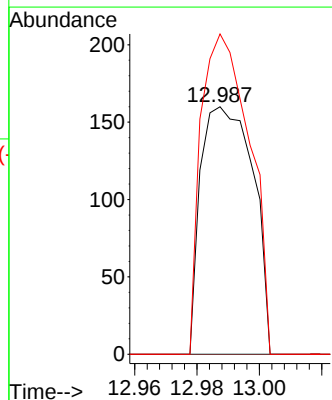
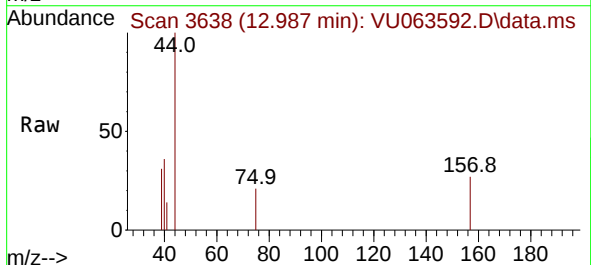
Instrument :
 MSVOA_U
 ClientSampleId :

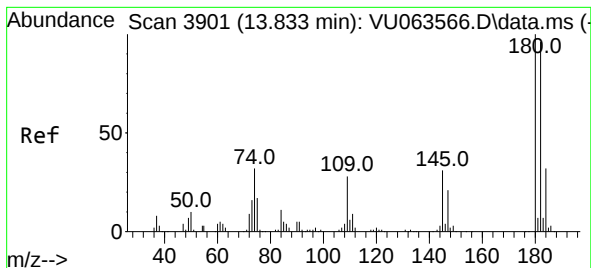
Tgt Ion:	146	Resp:	5581
Ion Ratio	Lower	Upper	
146	100		
111	51.4	21.0	63.0
148	65.5	31.8	95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.157 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. 0.000 min
 Lab File: VU063592.D
 Acq: 16 Sep 2025 13:40

Tgt Ion:	75	Resp:	186
Ion Ratio	Lower	Upper	
75	100		
155	0.0	64.1	96.1#
157	120.4	84.2	126.4





#87

1,2,4-Trichlorobenzene

Concen: 0.397 ug/l

RT: 13.839 min Scan# 3901

Delta R.T. 0.006 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

Instrument :

MSVOA_U

ClientSampleId :

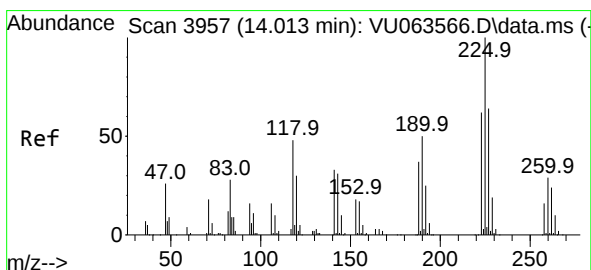
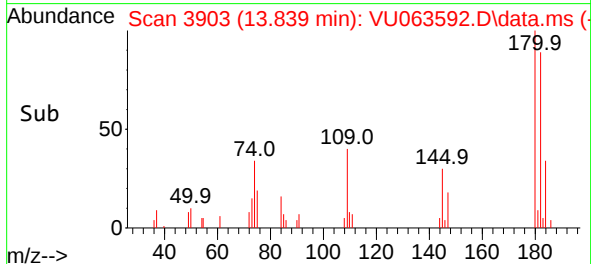
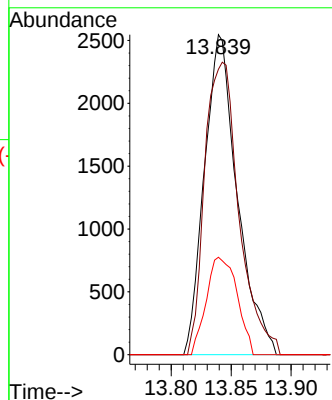
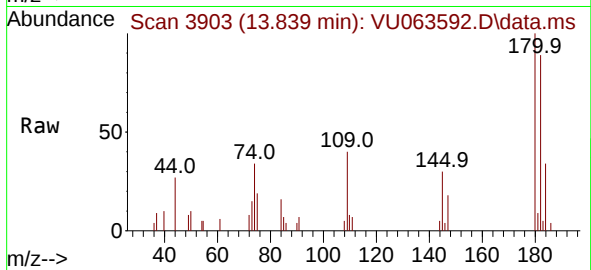
Tgt Ion:180 Resp: 4849

Ion Ratio Lower Upper

180 100

182 95.1 77.1 115.7

145 28.5 25.0 37.4



#88

Hexachlorobutadiene

Concen: 0.279 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.003 min

Lab File: VU063592.D

Acq: 16 Sep 2025 13:40

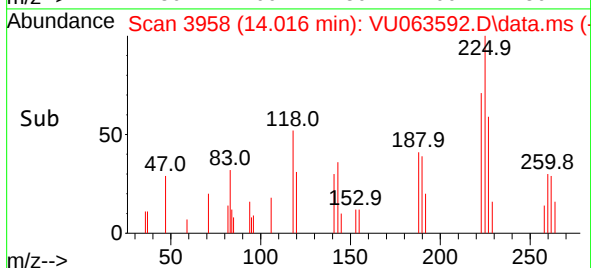
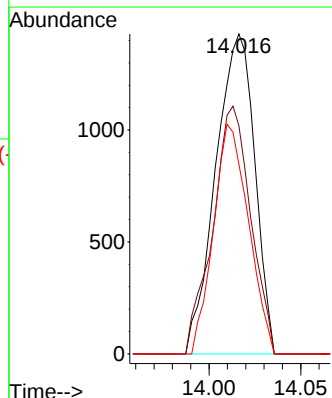
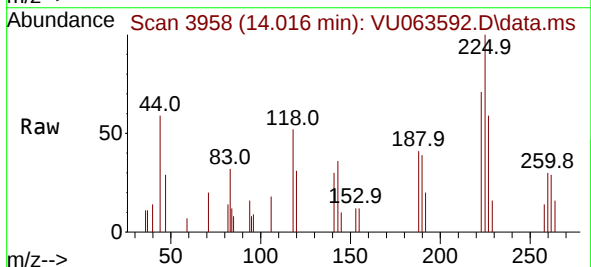
Tgt Ion:225 Resp: 2118

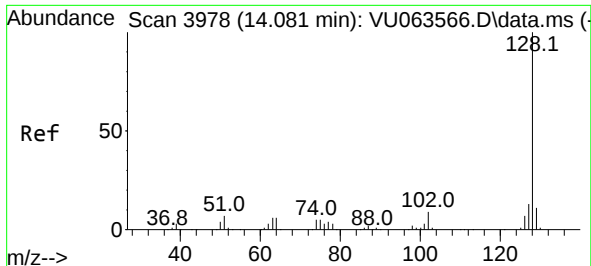
Ion Ratio Lower Upper

225 100

223 75.2 50.2 75.2

227 64.4 51.6 77.4

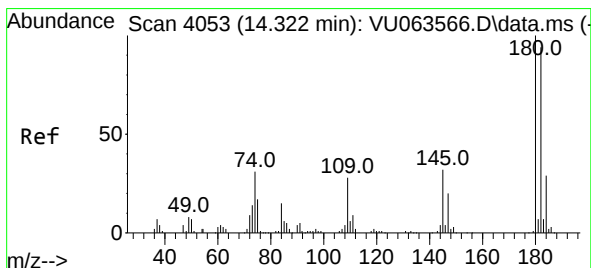
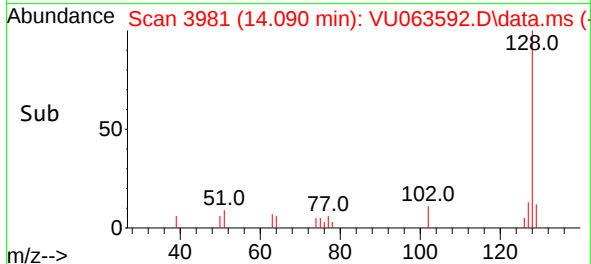
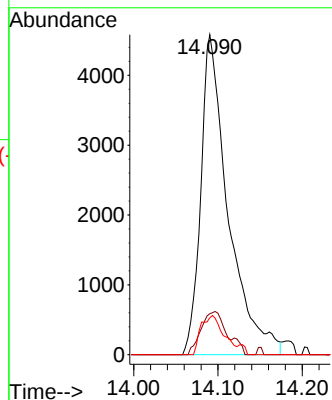
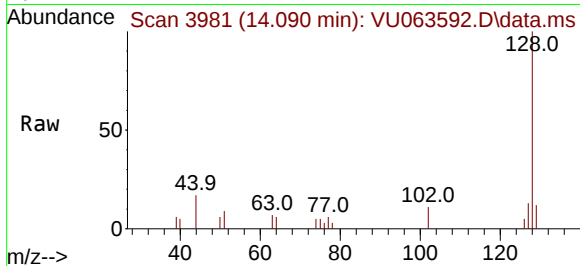




#89
Naphthalene
Concen: 0.479 ug/l
RT: 14.090 min Scan# 3978
Delta R.T. 0.010 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	10335
Ion Ratio	Lower	Upper
128	100	
127	11.6	10.2 15.4
129	10.2	8.6 13.0



#90
1,2,3-Trichlorobenzene
Concen: 0.389 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU063592.D
Acq: 16 Sep 2025 13:40

Tgt Ion:180	Resp:	4504
Ion Ratio	Lower	Upper
180	100	
182	92.3	76.8 115.2
145	34.3	26.6 40.0

