

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063535.D
 Acq On : 18 Jul 2025 11:50
 Operator : MD/SY
 Sample : VU0718WBS02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0718WBS02

Quant Time: Jul 18 23:49:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	20233	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	7909	1.032	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	7416	1.047	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	11517	1.930	ug/l	97
3) Chloromethane	1.518	50	11598	2.091	ug/l	99
4) Vinyl Chloride	1.599	62	14856	2.103	ug/l	99
5) Bromomethane	1.846	94	12510	2.349	ug/l	98
6) Chloroethane	1.923	64	9455	2.217	ug/l	98
7) Trichlorofluoromethane	2.129	101	21982	2.168	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	11650	2.198	ug/l	99
9) 1,1-Dichloroethene	2.570	96	11469	2.183	ug/l	99
10) Iodomethane	2.711	142	8386	1.886	ug/l	97
11) Allyl Chloride	2.910	41	15179	2.000	ug/l	92
12) Acrylonitrile	3.306	53	5284	4.022	ug/l	97
13) Acetone	2.618	43	10707	10.172	ug/l	99
14) Carbon Disulfide	2.779	76	29884	1.761	ug/l	97
15) Methylene Chloride	3.029	84	13588	2.197	ug/l	97
16) trans-1,2-Dichloroethene	3.335	96	12679	2.125	ug/l	96
17) 1,1-Dichloroethane	3.849	63	24826	2.245	ug/l	98
18) 2-Butanone	4.717	43	17869	10.962	ug/l	100
19) Cyclohexane	5.357	56	20151	2.152	ug/l	99
20) Methylcyclohexane	6.743	83	16656	1.830	ug/l	99
21) 2,2-Dichloropropane	4.644	77	19201	2.039	ug/l	100
22) cis-1,2-Dichloroethene	4.647	96	14551	2.248	ug/l	99
23) Diethyl Ether	2.370	59	9066	2.265	ug/l	94
24) tert-Butyl Alcohol	3.190	59	9981	20.656	ug/l	98
25) Methyl tert-Butyl Ether	3.361	73	30621	2.233	ug/l	95
26) Bromochloromethane	4.952	128	6006	2.222	ug/l	93
27) Chloroform	5.068	83	25415	2.252	ug/l	95
28) 1,1,1-Trichloroethane	5.293	97	19854	2.073	ug/l	96
29) 1,1-Dichloropropene	5.502	75	19114	2.155	ug/l	98
30) Carbon Tetrachloride	5.496	117	15127	1.963	ug/l	96
31) Isopropyl Ether	3.988	45	38568	2.311	ug/l	97
32) Ethyl-t-butyl ether	4.502	59	33853	2.192	ug/l	99
33) Tert-Amyl methyl ether	5.942	73	23163	1.728	ug/l	98
34) Propionitrile	4.775	54	5508	11.090	ug/l	# 95
35) Benzene	5.756	78	43678	1.832	ug/l	96
36) 1,2-Dichloroethane	5.779	62	13615	1.838	ug/l	100
37) Trichloroethene	6.528	130	11322	1.862	ug/l	90
38) 1,2-Dichloropropane	6.782	63	10377	1.860	ug/l	91
39) Methacrylonitrile	4.975	41	4501	2.039	ug/l	99
40) Methyl acrylate	4.853	55	6736	2.087	ug/l	98
41) Tetrahydrofuran	5.058	42	5573	4.799	ug/l	88
42) 1-Chlorobutane	5.438	56	23868	2.024	ug/l	99
43) Dibromomethane	6.910	93	5720	1.979	ug/l	92
44) Bromodichloromethane	7.097	83	11850	1.818	ug/l	90

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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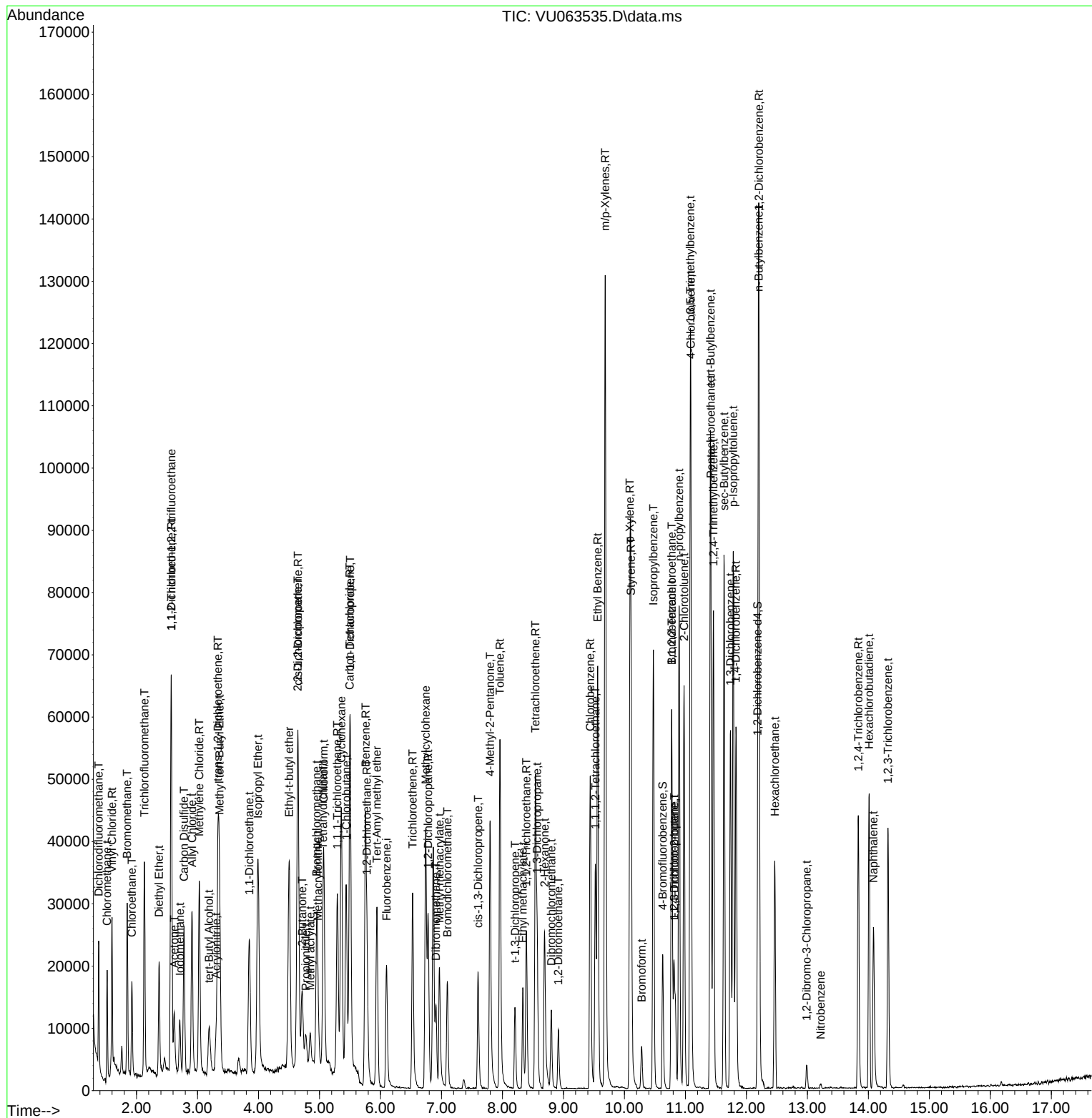
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45) 4-Methyl-2-Pentanone	7.798	43	31197	10.474	ug/l	97
46) t-1,4-Dichloro-2-butene	10.817	75	9990	8.935	ug/l #	56
47) Methyl methacrylate	6.968	69	8996	3.707	ug/l	93
48) Ethyl methacrylate	8.335	69	9290	2.006	ug/l	99
49) Toluene	7.958	92	25746	1.978	ug/l	98
50) t-1,3-Dichloropropene	8.206	75	7896	1.544	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	11136	1.623	ug/l	95
52) 1,1,2-Trichloroethane	8.393	97	8183	2.103	ug/l	97
53) 1,3-Dichloropropane	8.569	76	13909	2.071	ug/l	99
54) 2-Hexanone	8.692	43	19855	10.036	ug/l	98
55) Dibromochloromethane	8.801	129	6602	1.606	ug/l	99
56) 1,2-Dibromoethane	8.917	107	6737	1.935	ug/l	99
58) Tetrachloroethene	8.540	164	10524	1.891	ug/l	94
59) Chlorobenzene	9.441	112	29416	1.968	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	8208	1.708	ug/l	97
61) Pentachloroethane	11.418	117	6154	1.812	ug/l	89
62) Hexachloroethane	12.466	117	5086	1.512	ug/l	93
63) Ethyl Benzene	9.560	91	50124	1.949	ug/l	97
64) m/p-Xylenes	9.685	106	38644	3.865	ug/l	94
65) o-Xylene	10.090	106	18729	1.950	ug/l	96
66) Styrene	10.110	104	30077	1.964	ug/l	98
67) Bromoform	10.283	173	3032	1.436	ug/l #	94
69) Isopropylbenzene	10.476	105	46030	1.982	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	9398	1.985	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	9990	2.598	ug/l #	88
72) Bromobenzene	10.775	156	11376	1.898	ug/l	78
73) n-propylbenzene	10.897	120	13872	1.984	ug/l	94
74) 2-Chlorotoluene	10.978	126	11750	1.902	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	42877	1.933	ug/l	99
76) 4-Chlorotoluene	11.090	126	12663	2.018	ug/l	99
77) tert-Butylbenzene	11.412	119	41361	1.951	ug/l	97
78) 1,2,4-Trimethylbenzene	11.460	105	43519	1.977	ug/l	98
79) sec-Butylbenzene	11.634	105	57444	2.009	ug/l	98
80) Nitrobenzene	13.219	77	614	8.625	ug/l #	52
81) p-Isopropyltoluene	11.785	119	47010	1.969	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	23706	1.977	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	24286	2.023	ug/l	99
84) n-Butylbenzene	12.203	91	44796	2.024	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	23077	2.048	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.987	75	1197	1.944	ug/l	86
87) 1,2,4-Trichlorobenzene	13.836	180	13513	1.929	ug/l	97
88) Hexachlorobutadiene	14.013	225	7537	1.894	ug/l	96
89) Naphthalene	14.084	128	25302	2.015	ug/l	98
90) 1,2,3-Trichlorobenzene	14.322	180	12842	1.983	ug/l	99

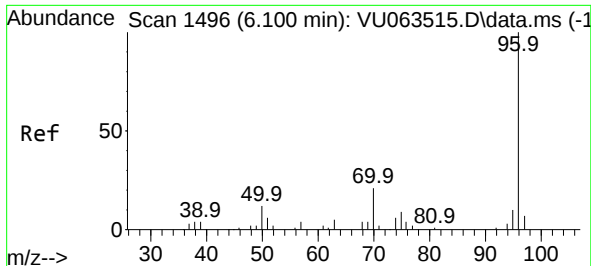
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 ClientSampleId :
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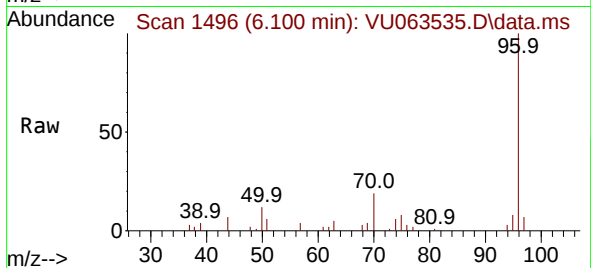
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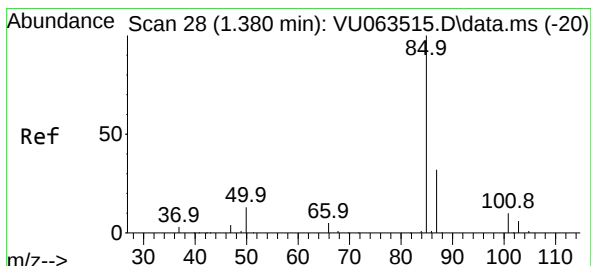
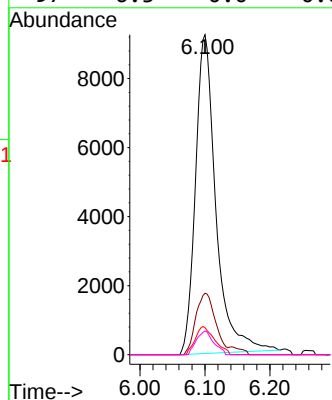
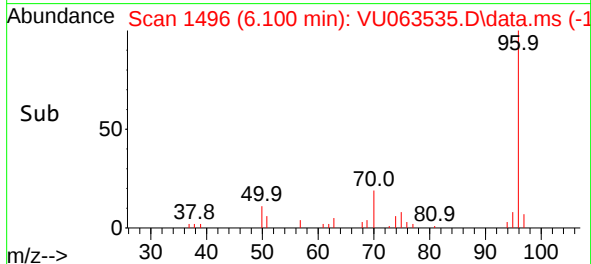


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

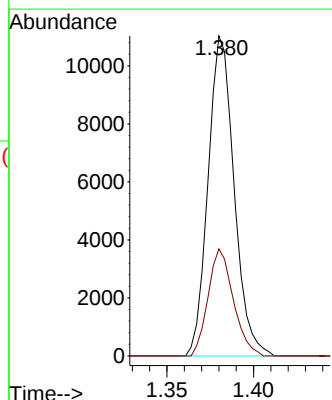
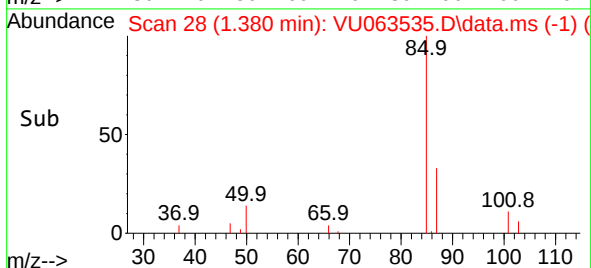
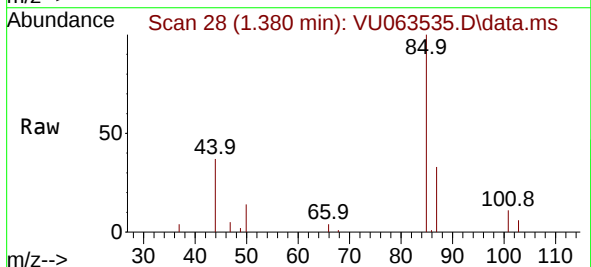


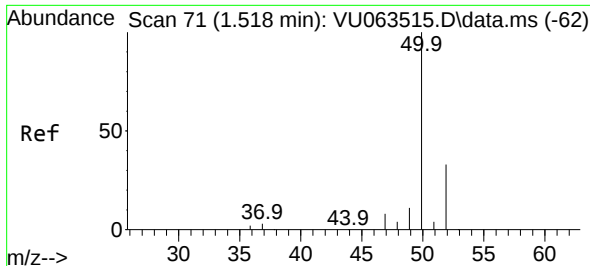
Tgt Ion: 96 Resp: 20233
Ion Ratio Lower Upper
96 100
70 16.5 15.0 22.4
95 8.3 7.4 11.0
97 6.3 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.930 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 85 Resp: 11517
Ion Ratio Lower Upper
85 100
87 33.5 16.0 47.9

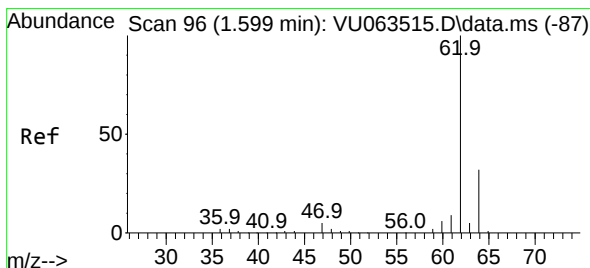
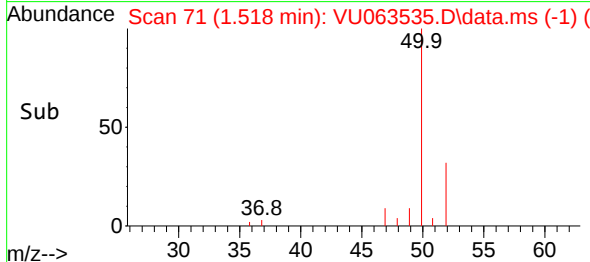
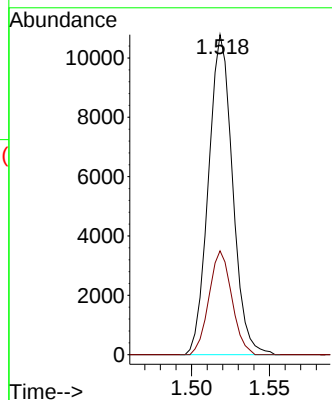
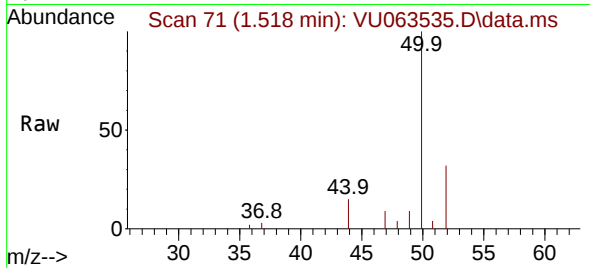




#3
Chloromethane
Concen: 2.091 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

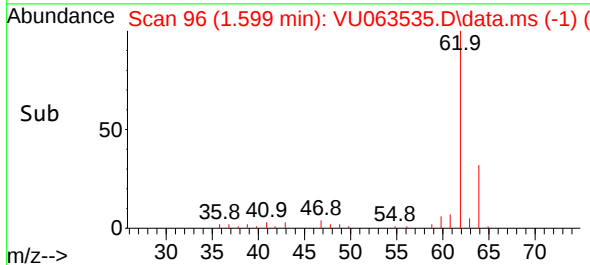
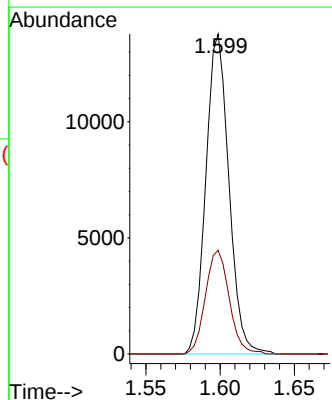
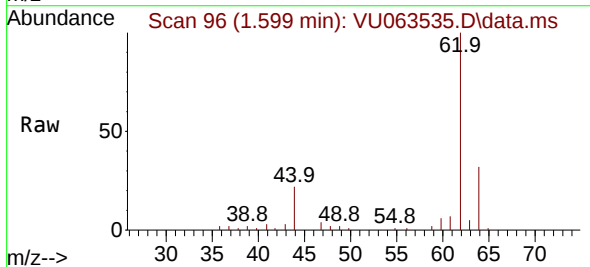
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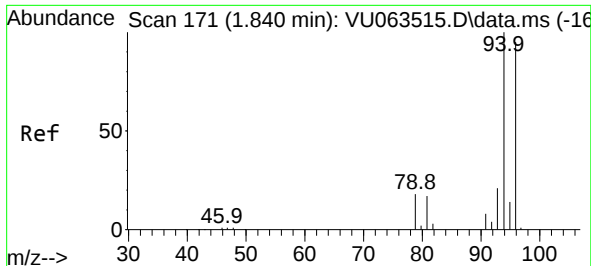
Tgt Ion: 50 Resp: 11598
Ion Ratio Lower Upper
50 100
52 32.5 26.3 39.5



#4
Vinyl Chloride
Concen: 2.103 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 62 Resp: 14856
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5

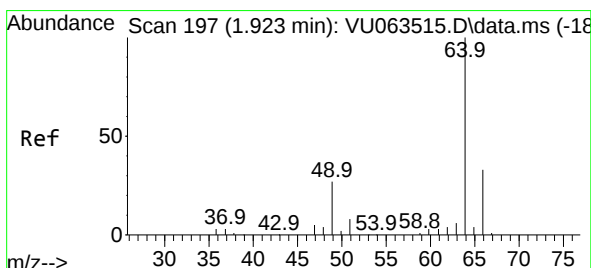
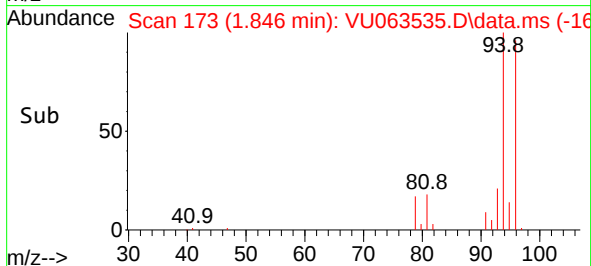
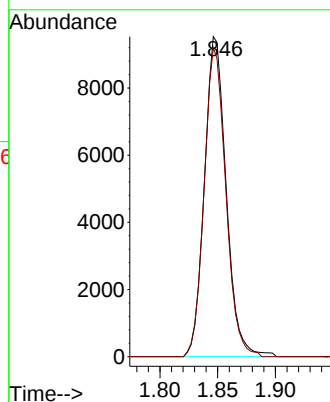
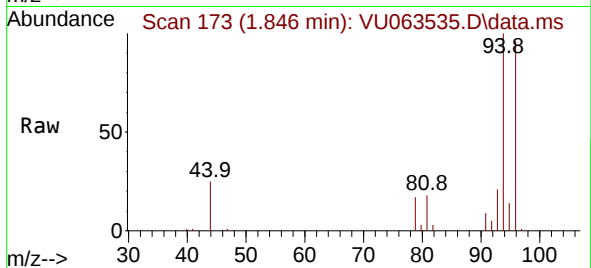




#5
Bromomethane
Concen: 2.349 ug/l
RT: 1.846 min Scan# 171
Delta R.T. 0.006 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

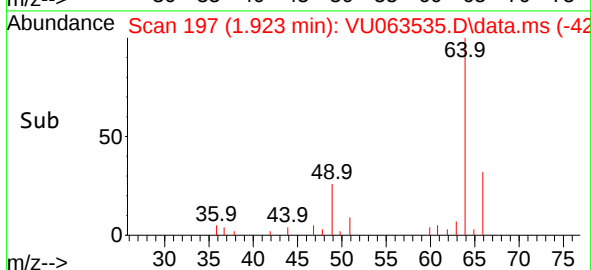
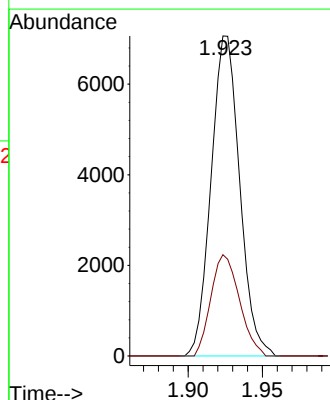
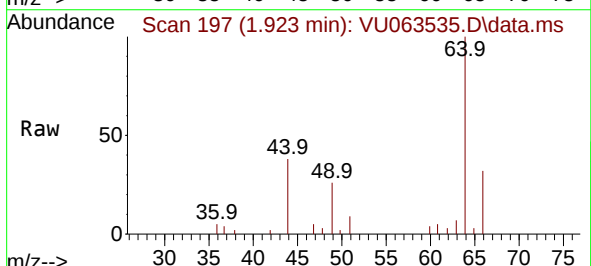
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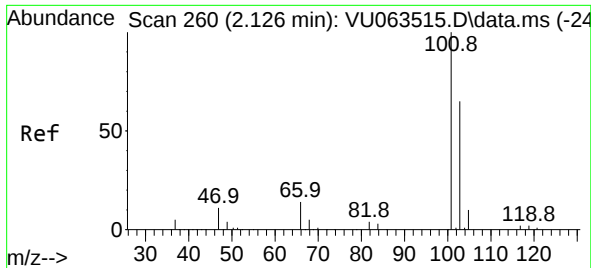
Tgt Ion: 94 Resp: 12510
Ion Ratio Lower Upper
94 100
96 96.5 75.8 113.6



#6
Chloroethane
Concen: 2.217 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 64 Resp: 9455
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.4

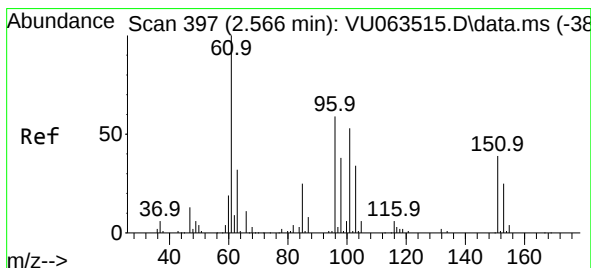
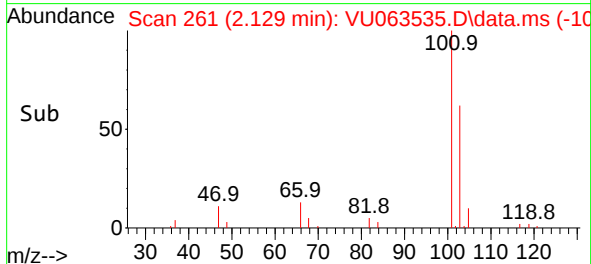
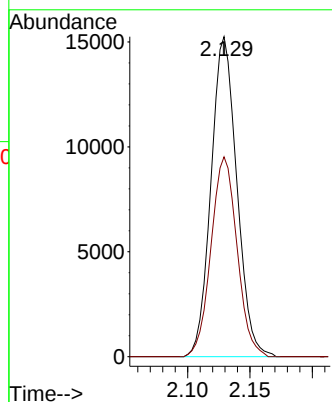
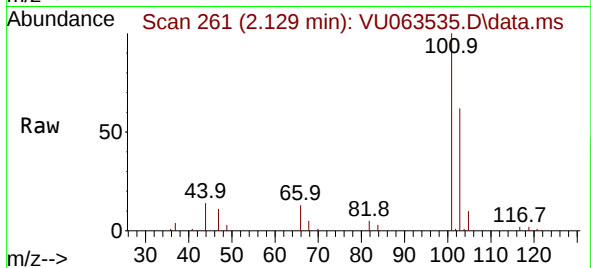




#7
 Trichlorofluoromethane
 Concen: 2.168 ug/l
 RT: 2.129 min Scan# 21982
 Delta R.T. 0.003 min
 Lab File: VU063535.D
 Acq: 18 Jul 2025 11:50

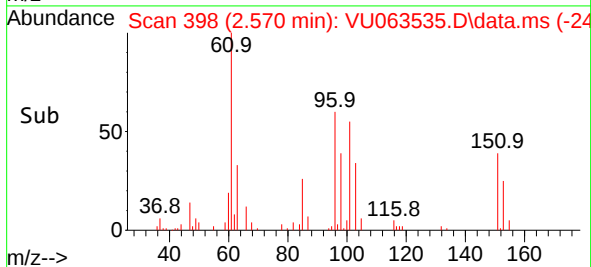
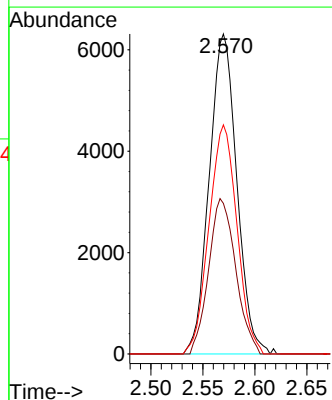
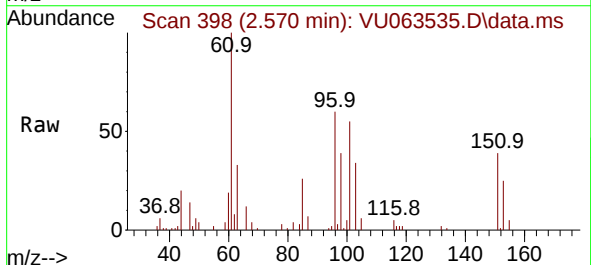
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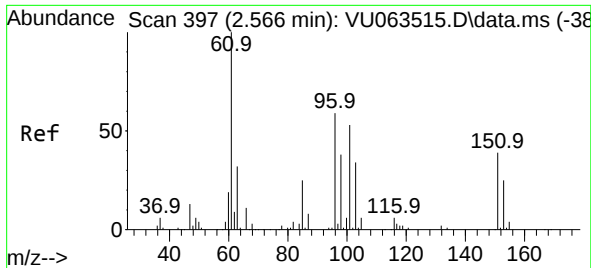
Tgt Ion:101 Resp: 21982
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.2 78.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.198 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063535.D
 Acq: 18 Jul 2025 11:50

Tgt Ion:101 Resp: 11650
 Ion Ratio Lower Upper
 101 100
 85 47.7 37.8 56.6
 151 72.7 59.2 88.8

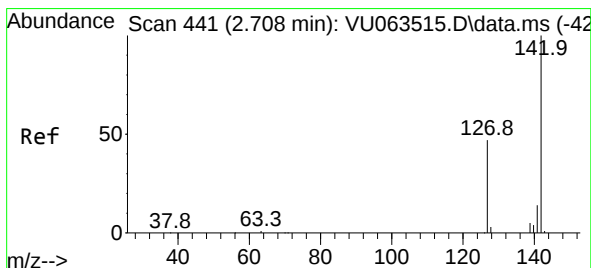
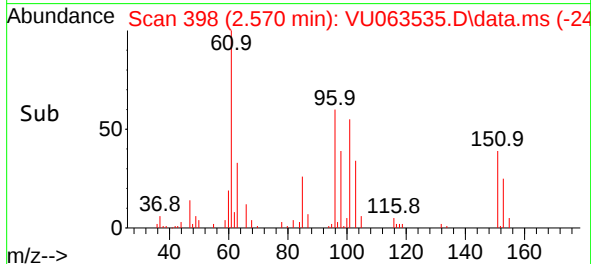
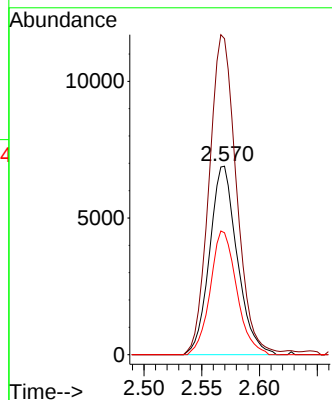
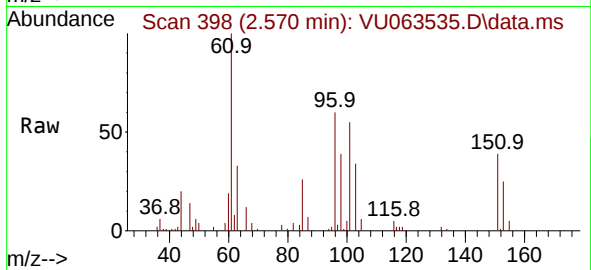




#9
1,1-Dichloroethene
Concen: 2.183 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063535.D
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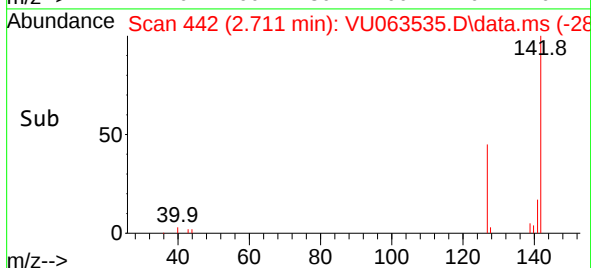
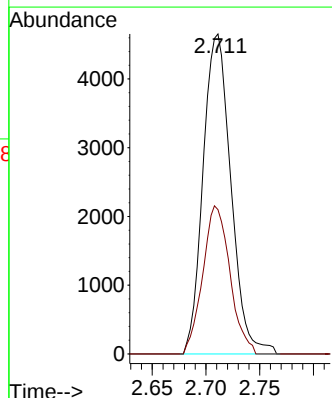
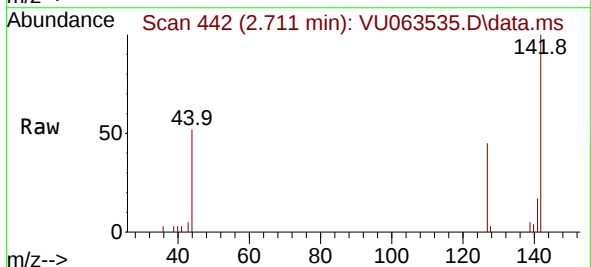
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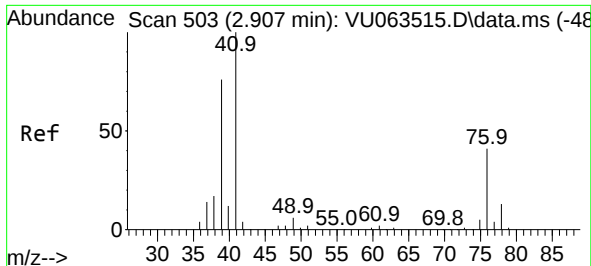
Tgt Ion:	96	Resp:	11469
Ion	Ratio	Lower	Upper
96	100		
61	167.6	0.0	504.3
98	64.7	0.0	126.8



#10
Iodomethane
Concen: 1.886 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion:	142	Resp:	8386
Ion	Ratio	Lower	Upper
142	100		
127	45.2	37.9	56.9

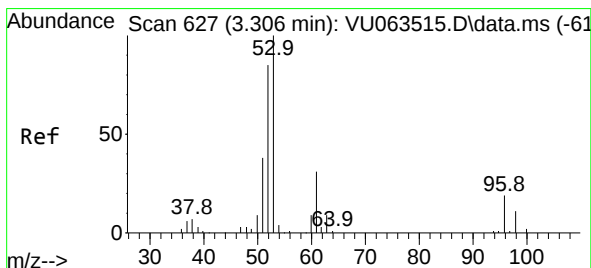
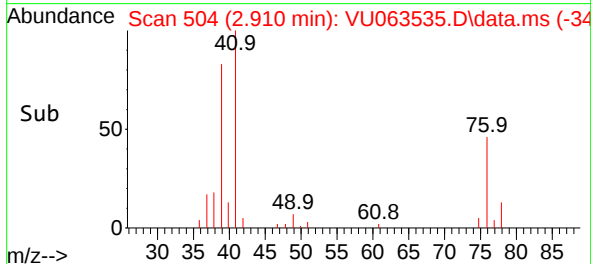
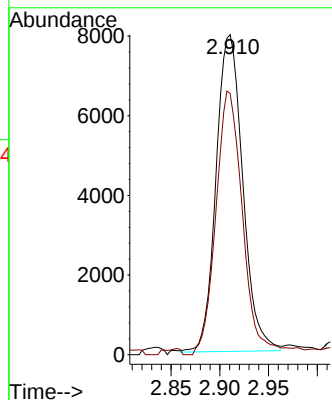
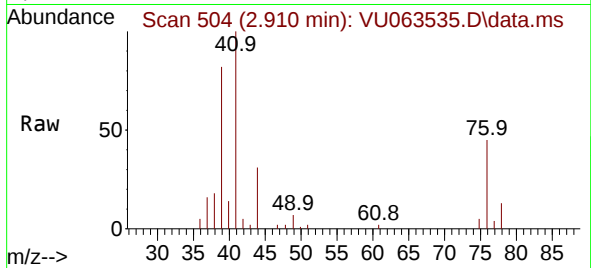




#11
 Allyl Chloride
 Concen: 2.000 ug/l
 RT: 2.910 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063535.D
 Acq: 18 Jul 2025 11:50

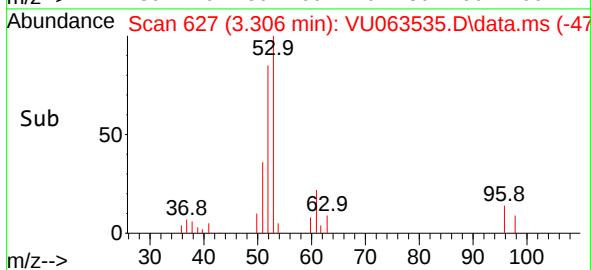
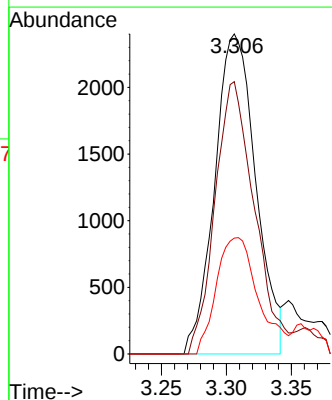
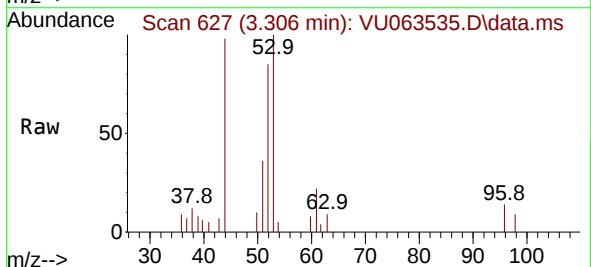
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0718WBS02

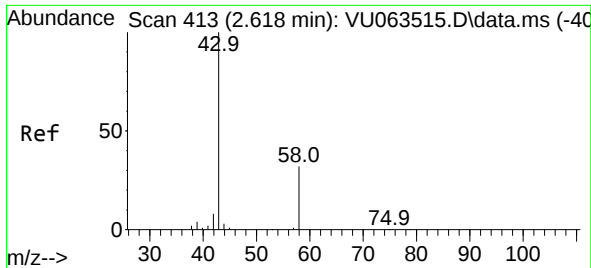
Tgt Ion: 41 Resp: 15179
 Ion Ratio Lower Upper
 41 100
 39 84.0 61.5 92.3



#12
 Acrylonitrile
 Concen: 4.022 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. -0.000 min
 Lab File: VU063535.D
 Acq: 18 Jul 2025 11:50

Tgt Ion: 53 Resp: 5284
 Ion Ratio Lower Upper
 53 100
 52 82.2 64.3 96.5
 51 37.2 27.8 41.8





#13

Acetone

Concen: 10.172 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

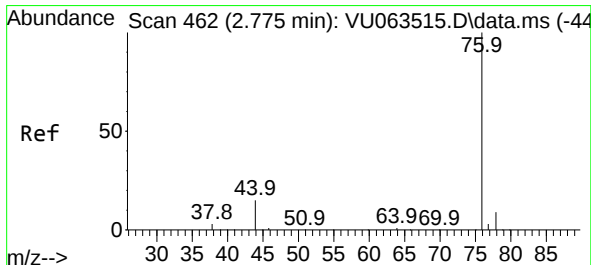
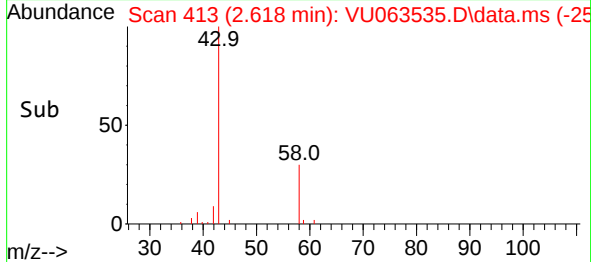
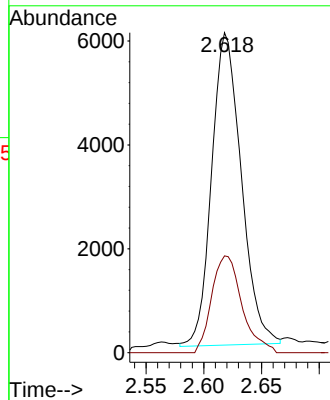
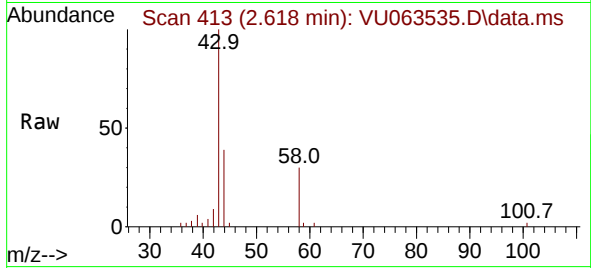
VU0718WBS02

Tgt Ion: 43 Resp: 10707

Ion Ratio Lower Upper

43 100

58 31.2 25.4 38.0



#14

Carbon Disulfide

Concen: 1.761 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063535.D

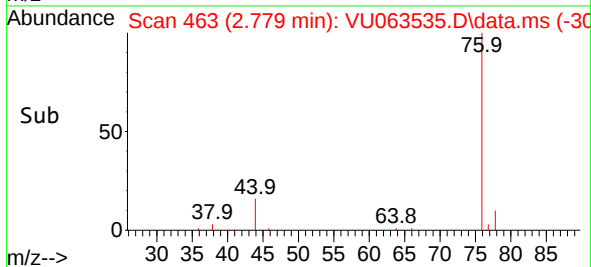
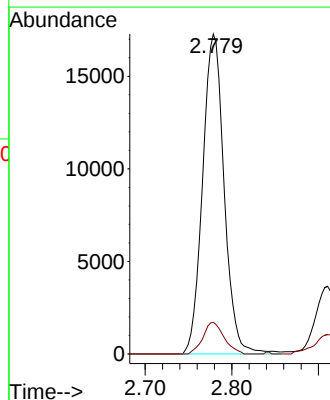
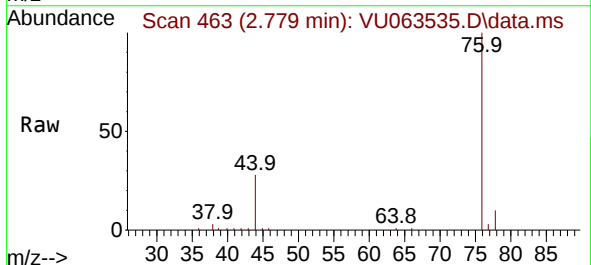
Acq: 18 Jul 2025 11:50

Tgt Ion: 76 Resp: 29884

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6



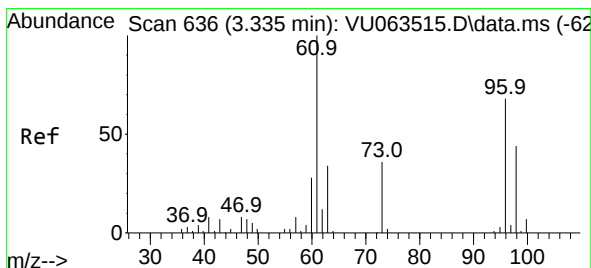
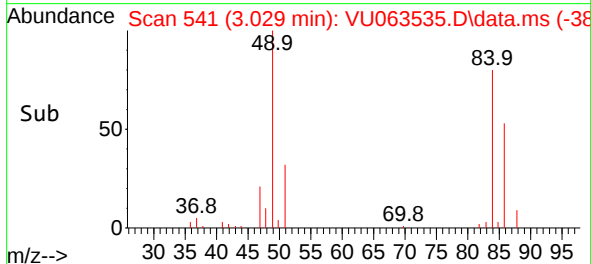
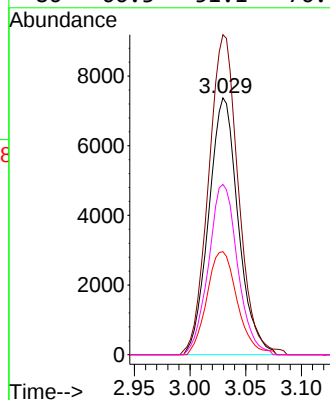
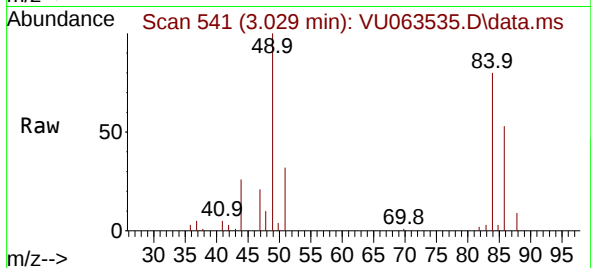


#15
Methylene Chloride
Concen: 2.197 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

Tgt Ion: 84 Resp: 13588

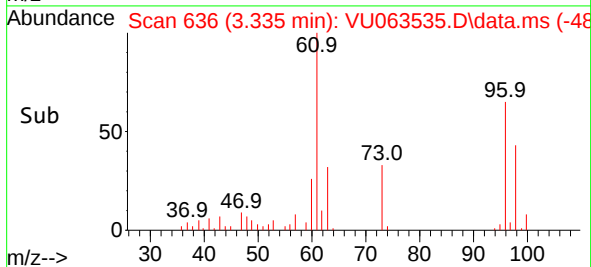
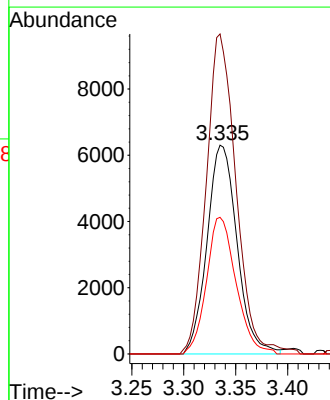
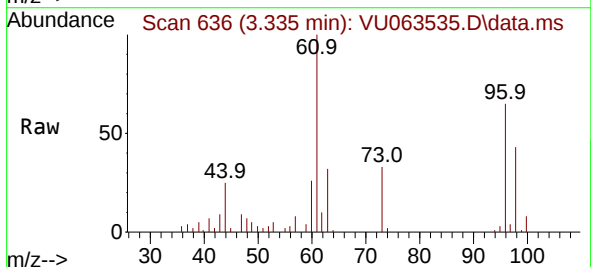
Ion	Ratio	Lower	Upper
84	100		
49	124.6	103.8	155.8
51	40.1	0.0	80.4
86	66.3	51.1	76.7

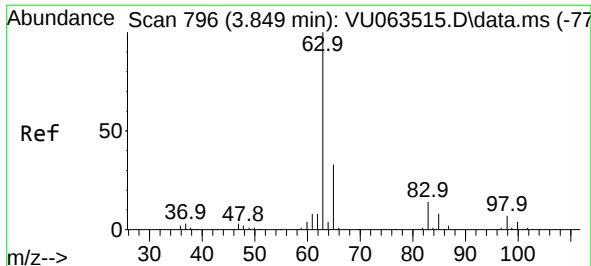


#16
trans-1,2-Dichloroethene
Concen: 2.125 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 96 Resp: 12679

Ion	Ratio	Lower	Upper
96	100		
61	153.3	117.2	175.8
98	65.4	51.4	77.2

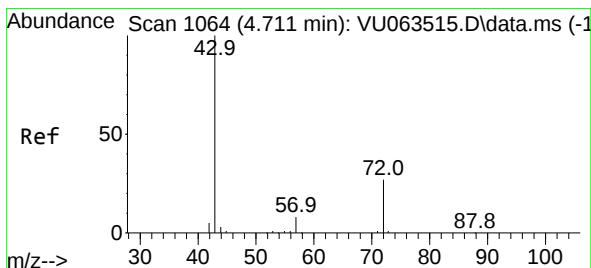
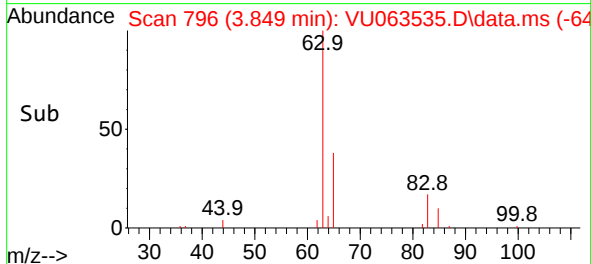
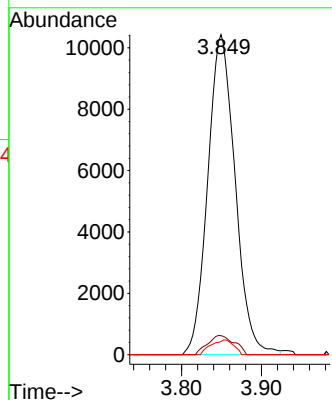
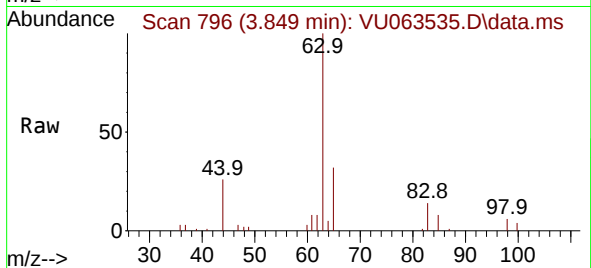




#17
 1,1-Dichloroethane
 Concen: 2.245 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063535.D
 Acq: 18 Jul 2025 11:50

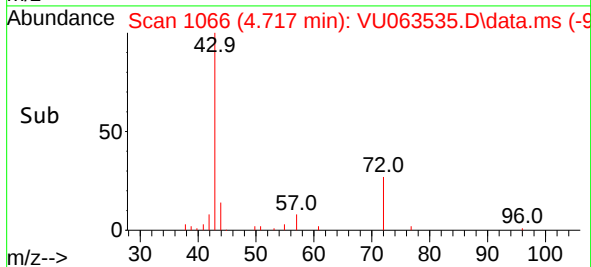
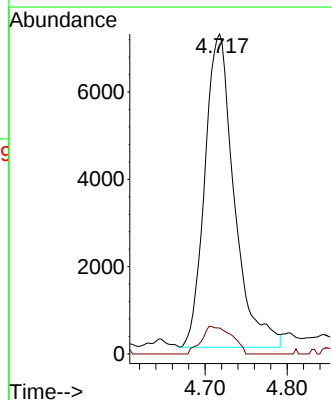
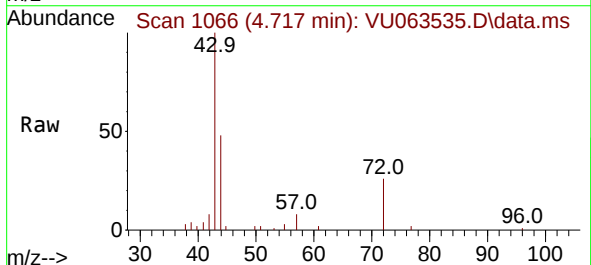
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0718WBS02

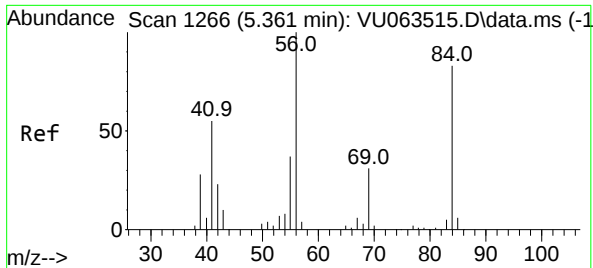
Tgt Ion: 63 Resp: 24826
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.4 10.2
 100 4.1 2.1 6.2



#18
 2-Butanone
 Concen: 10.962 ug/l
 RT: 4.717 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VU063535.D
 Acq: 18 Jul 2025 11:50

Tgt Ion: 43 Resp: 17869
 Ion Ratio Lower Upper
 43 100
 57 8.3 0.0 16.4





#19

Cyclohexane

Concen: 2.152 ug/l

RT: 5.357 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBS02

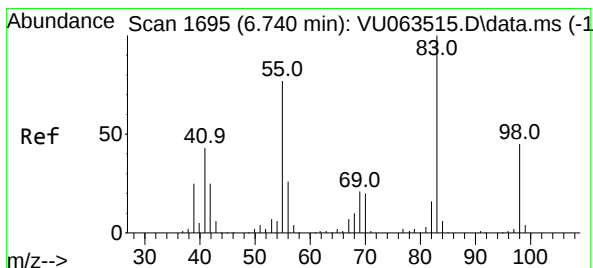
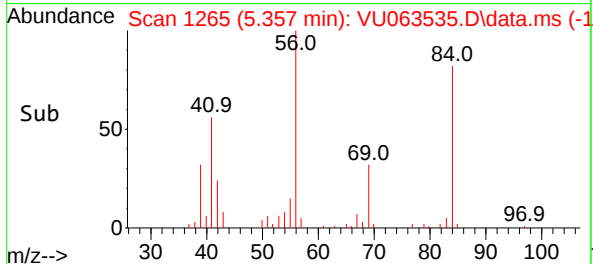
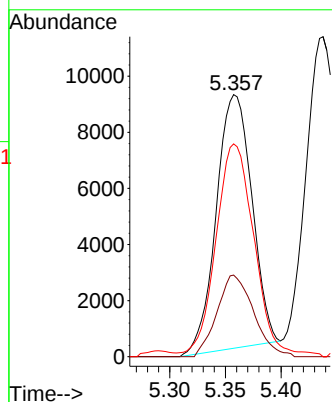
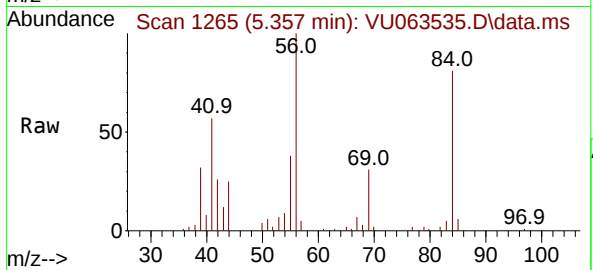
Tgt Ion: 56 Resp: 20151

Ion Ratio Lower Upper

56 100

69 33.0 26.6 39.8

84 87.8 71.0 106.4



#20

Methylcyclohexane

Concen: 1.830 ug/l

RT: 6.743 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

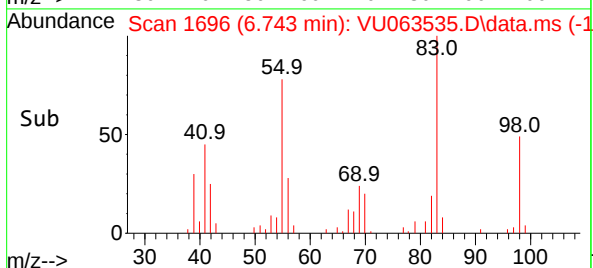
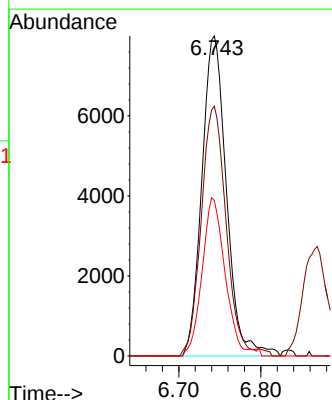
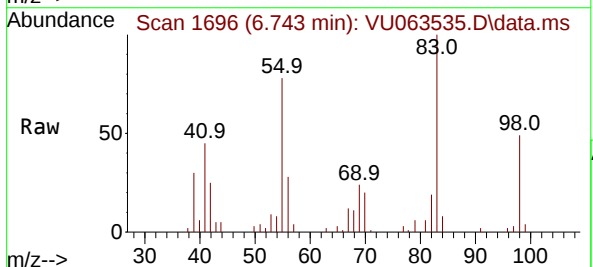
Tgt Ion: 83 Resp: 16656

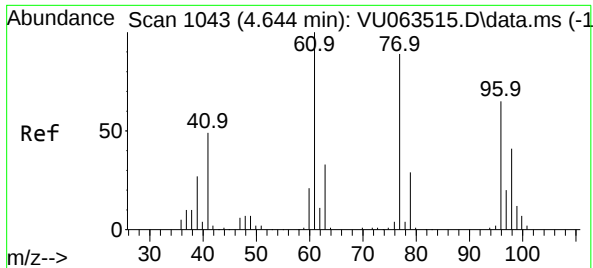
Ion Ratio Lower Upper

83 100

55 75.8 60.6 90.8

98 46.4 35.8 53.8

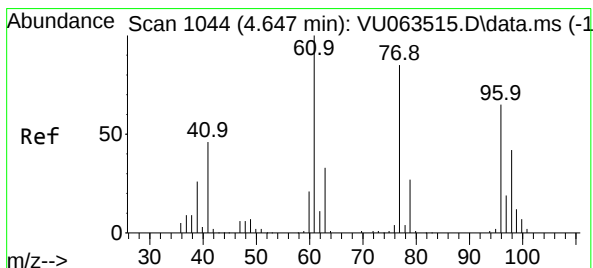
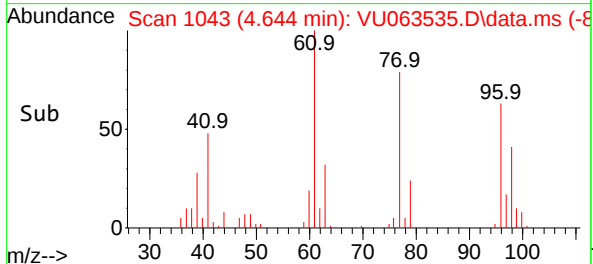
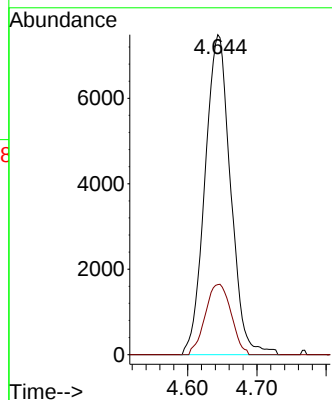
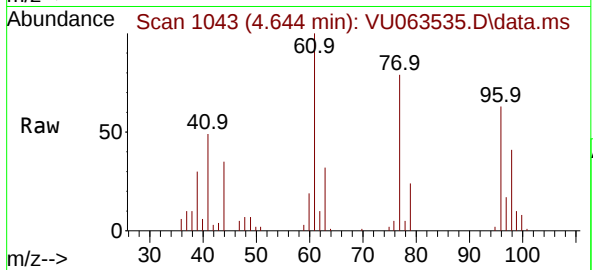




#21
2,2-Dichloropropane
Concen: 2.039 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

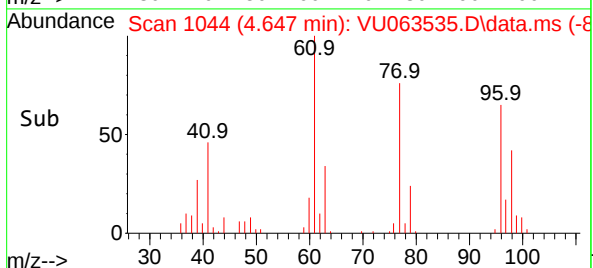
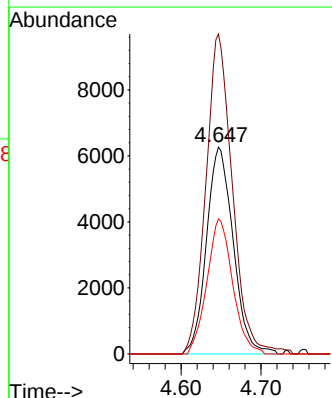
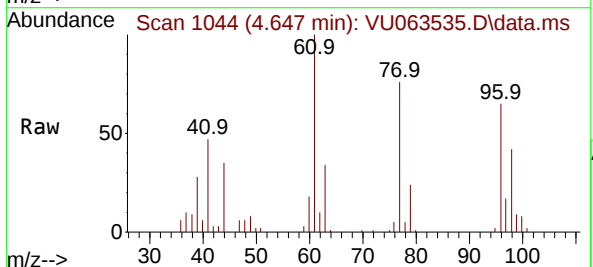
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

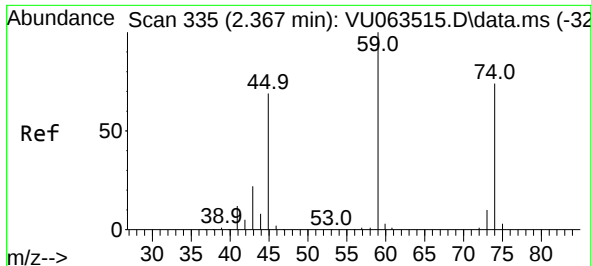
Tgt Ion: 77 Resp: 19201
Ion Ratio Lower Upper
77 100
97 22.2 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 2.248 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 96 Resp: 14551
Ion Ratio Lower Upper
96 100
61 153.3 0.0 384.7
98 62.8 32.1 96.3





#23

Diethyl Ether

Concen: 2.265 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBS02

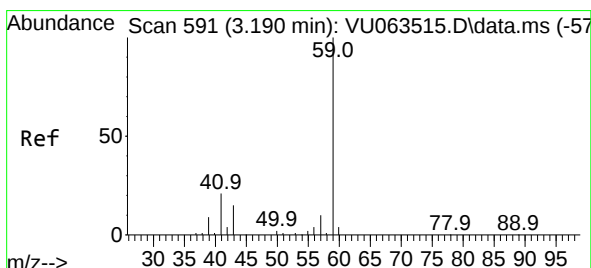
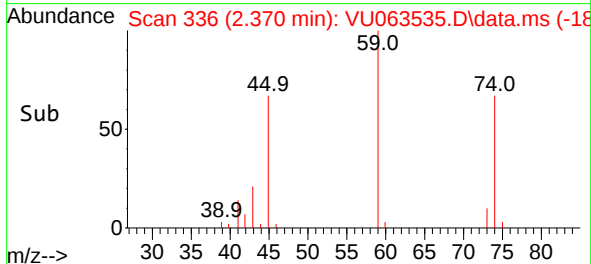
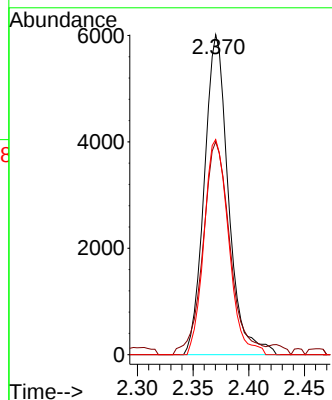
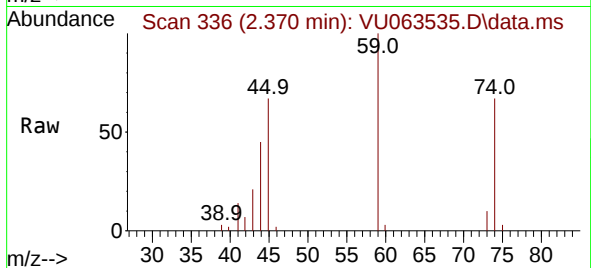
Tgt Ion: 59 Resp: 9066

Ion Ratio Lower Upper

59 100

45 74.1 55.1 82.7

74 68.5 58.2 87.4



#24

tert-Butyl Alcohol

Concen: 20.656 ug/l

RT: 3.190 min Scan# 591

Delta R.T. -0.000 min

Lab File: VU063535.D

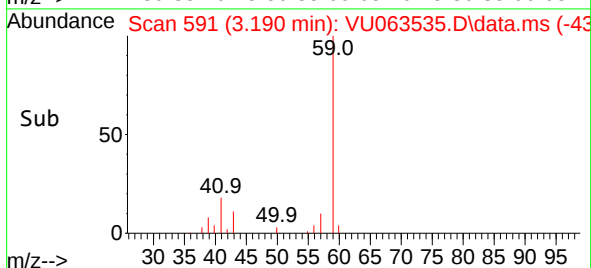
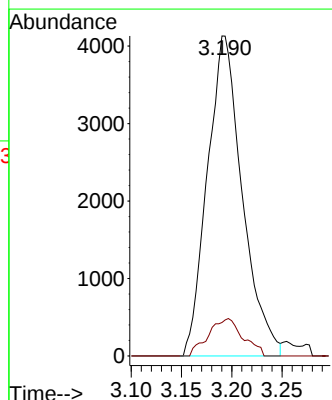
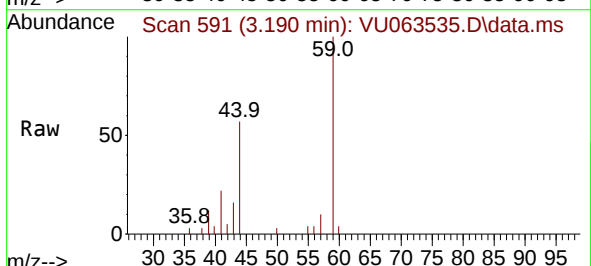
Acq: 18 Jul 2025 11:50

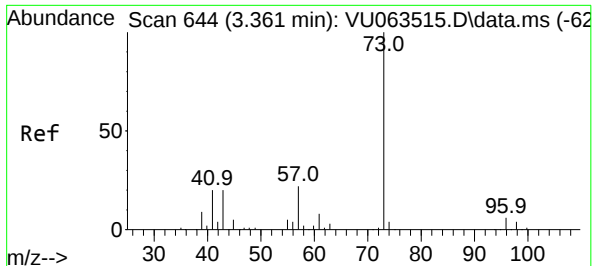
Tgt Ion: 59 Resp: 9981

Ion Ratio Lower Upper

59 100

57 11.6 8.6 12.8

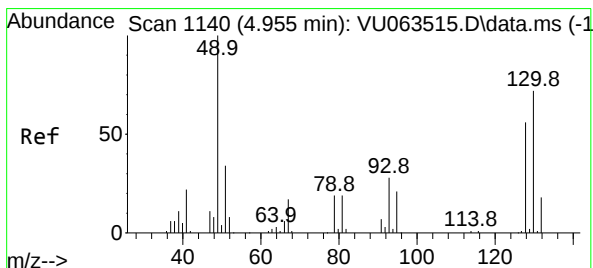
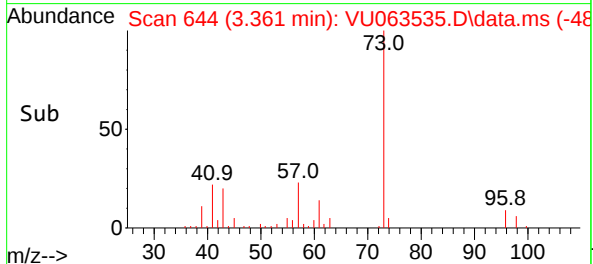
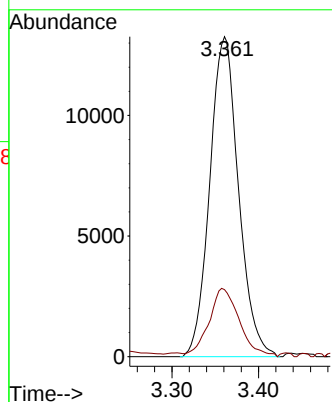
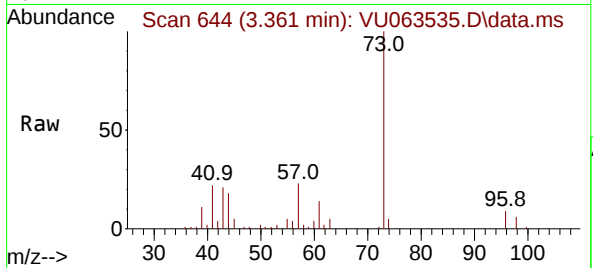




#25
Methyl tert-Butyl Ether
Concen: 2.233 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

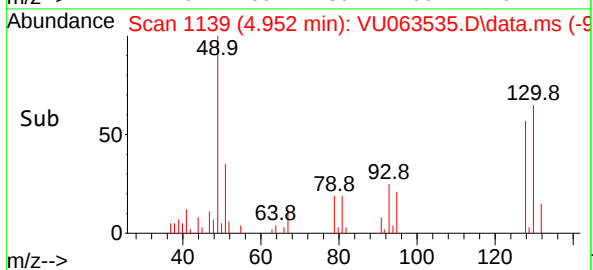
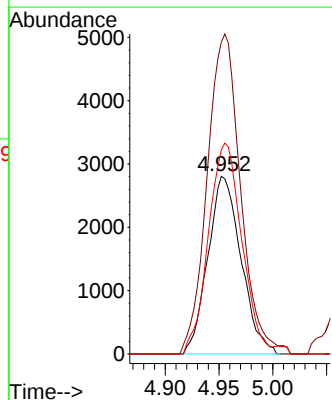
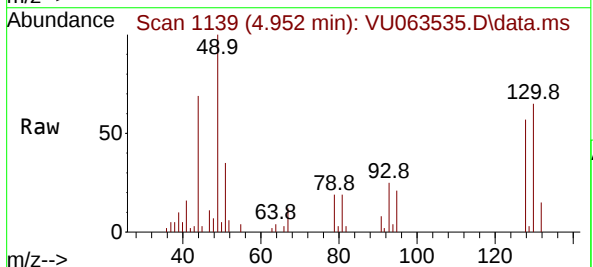
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

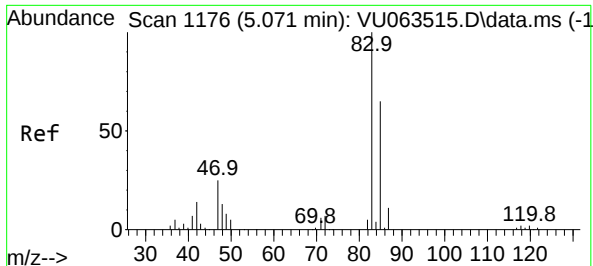
Tgt Ion: 73 Resp: 30621
Ion Ratio Lower Upper
73 100
43 22.6 16.2 24.2



#26
Bromochloromethane
Concen: 2.222 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 128 Resp: 6006
Ion Ratio Lower Upper
128 100
49 181.8 0.0 340.8
130 119.6 100.5 150.7





#27

Chloroform

Concen: 2.252 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

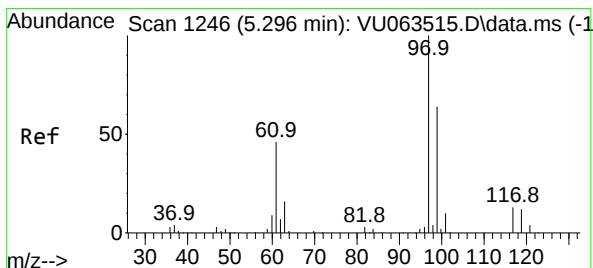
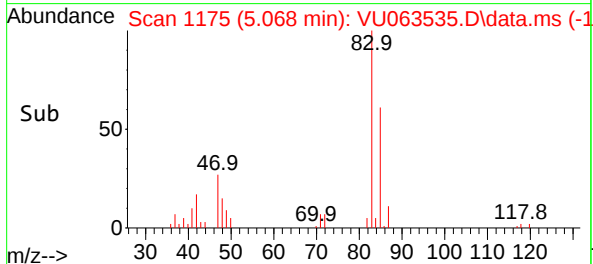
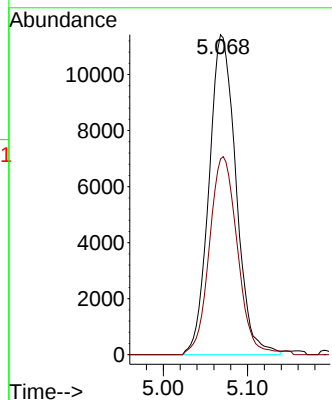
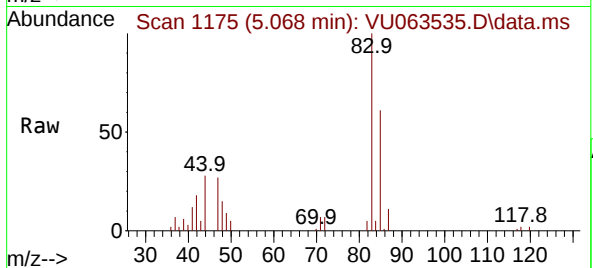
VU0718WBS02

Tgt Ion: 83 Resp: 25415

Ion Ratio Lower Upper

83 100

85 61.1 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 2.073 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

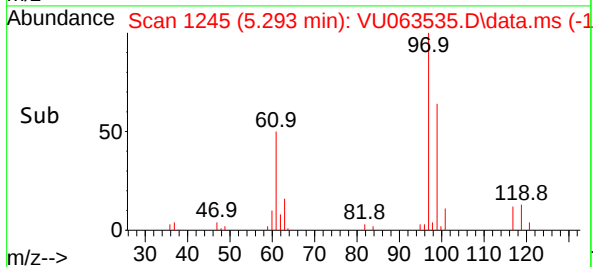
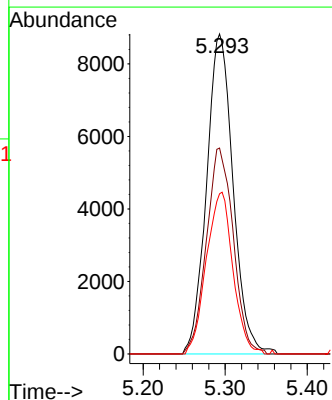
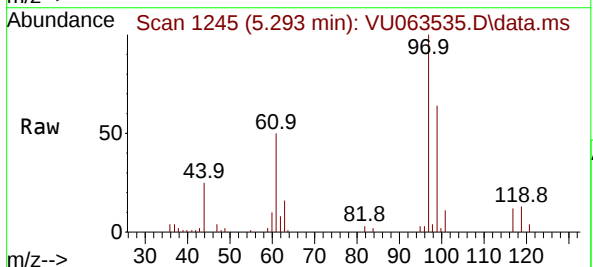
Tgt Ion: 97 Resp: 19854

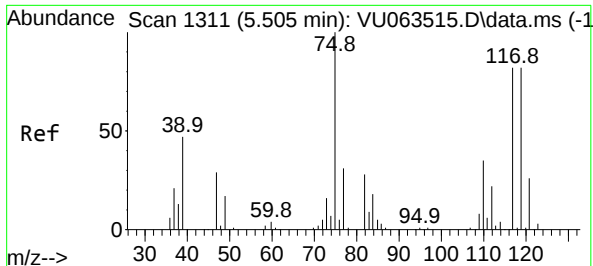
Ion Ratio Lower Upper

97 100

99 65.2 31.8 95.3

61 50.8 23.3 69.9

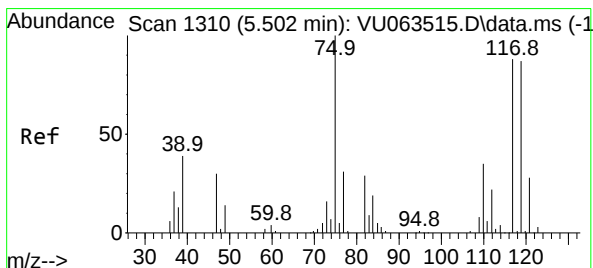
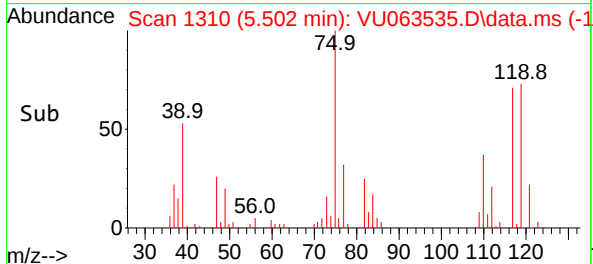
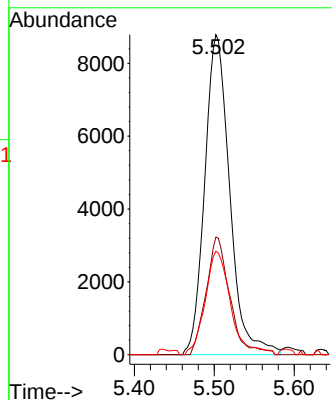
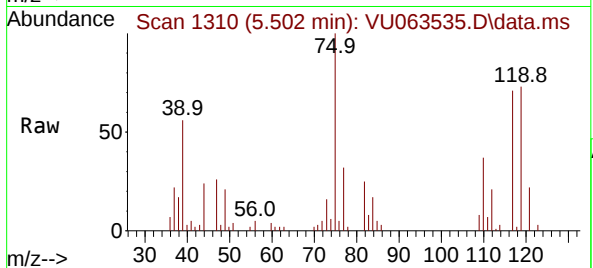




#29
1,1-Dichloropropene
Concen: 2.155 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

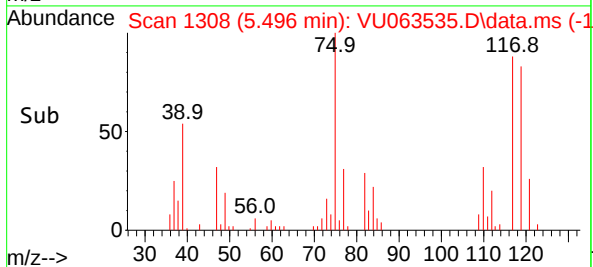
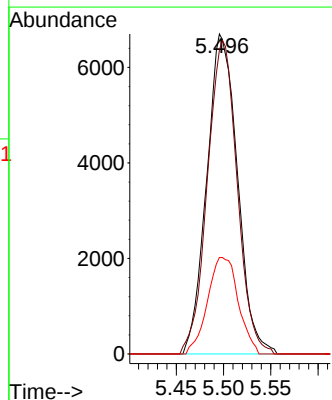
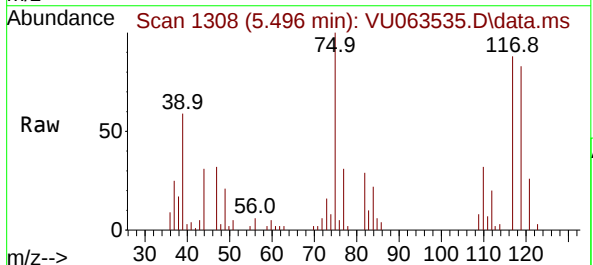
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

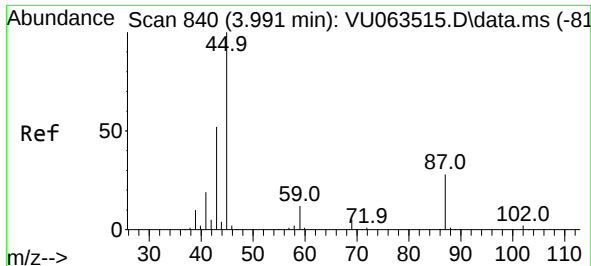
Tgt Ion: 75 Resp: 19114
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.4
77 32.8 24.6 37.0



#30
Carbon Tetrachloride
Concen: 1.963 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. -0.006 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 117 Resp: 15127
Ion Ratio Lower Upper
117 100
119 95.0 79.2 118.8
121 30.1 25.5 38.3

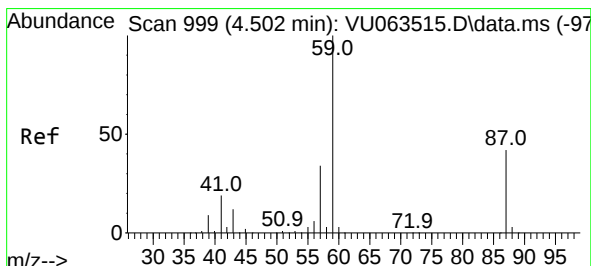
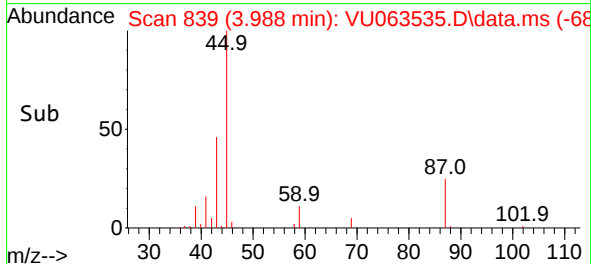
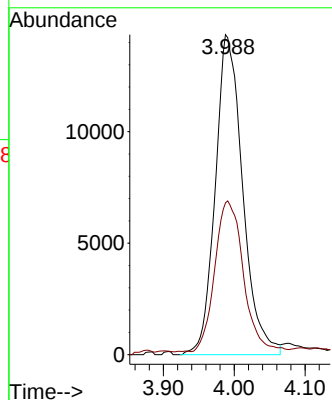
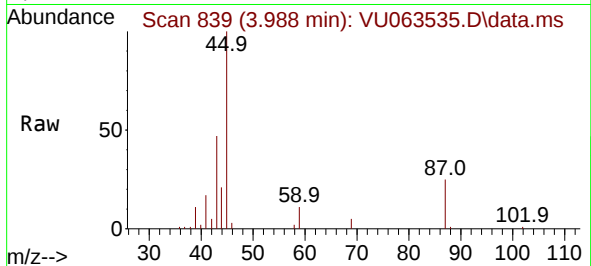




#31
Isopropyl Ether
Concen: 2.311 ug/l
RT: 3.988 min Scan# 840
Delta R.T. -0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

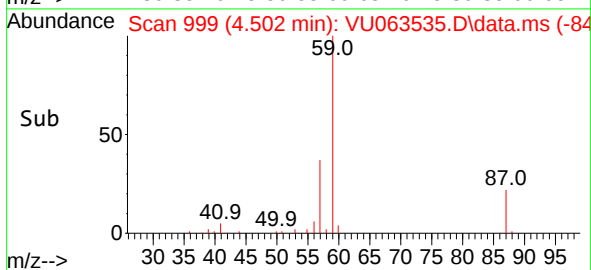
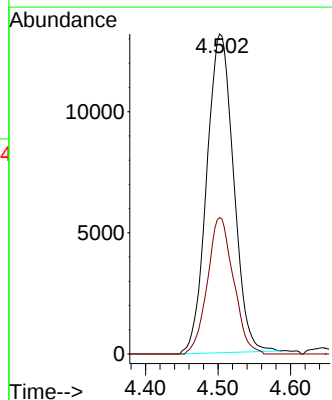
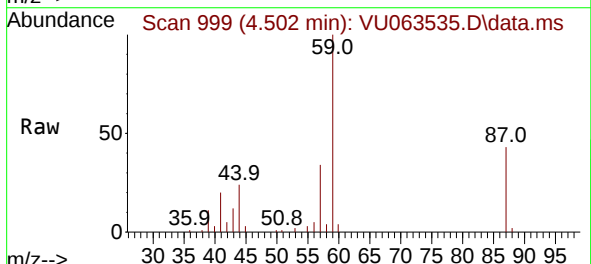
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

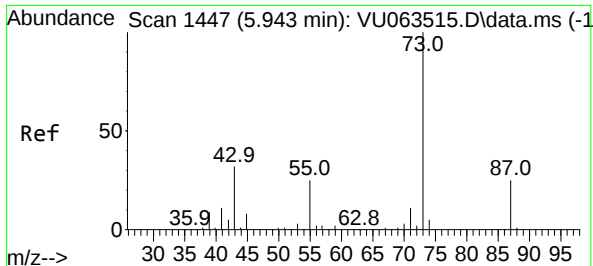
Tgt Ion: 45 Resp: 38568
Ion Ratio Lower Upper
45 100
43 49.0 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 2.192 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 59 Resp: 33853
Ion Ratio Lower Upper
59 100
87 41.5 32.6 49.0





#33

Tert-Amyl methyl ether

Concen: 1.728 ug/l

RT: 5.942 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBS02

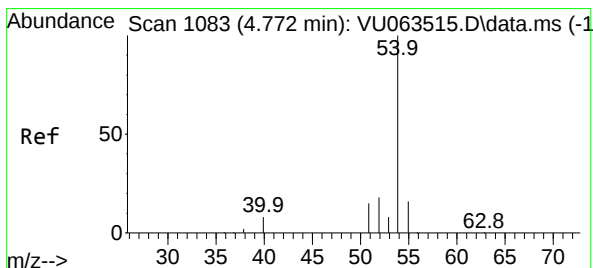
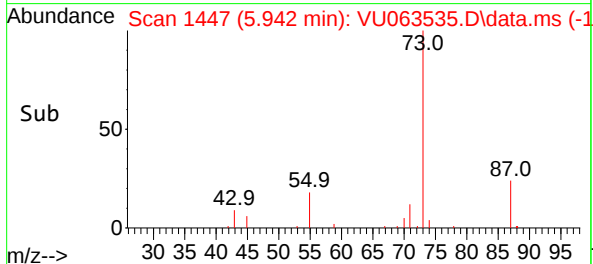
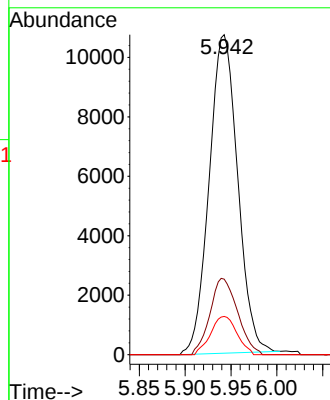
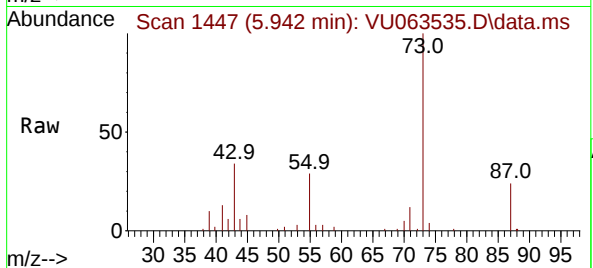
Tgt Ion: 73 Resp: 23163

Ion Ratio Lower Upper

73 100

87 23.2 19.4 29.2

71 11.1 8.9 13.3



#34

Propionitrile

Concen: 11.090 ug/l

RT: 4.775 min Scan# 1084

Delta R.T. 0.003 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Tgt Ion: 54 Resp: 5508

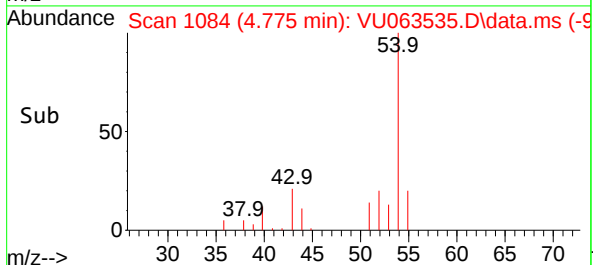
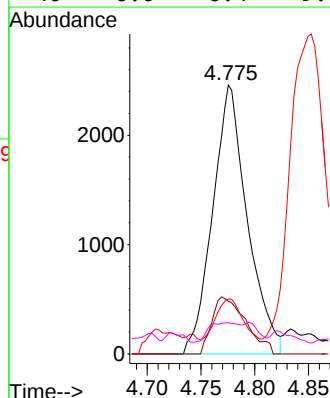
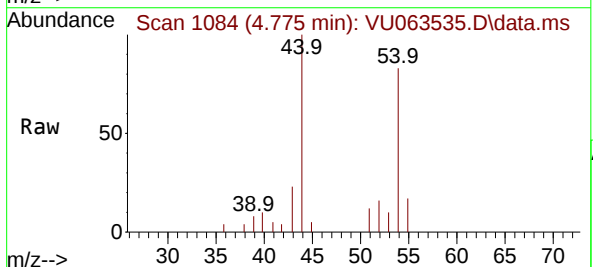
Ion Ratio Lower Upper

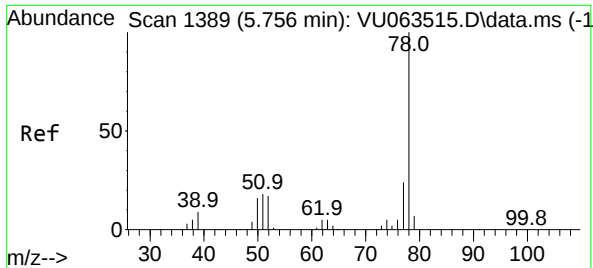
54 100

52 20.7 17.0 25.4

55 12.0 13.6 20.4#

40 6.6 6.4 9.6

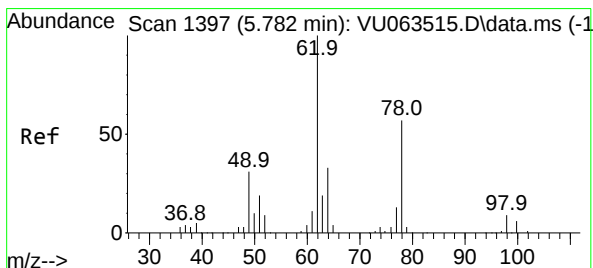
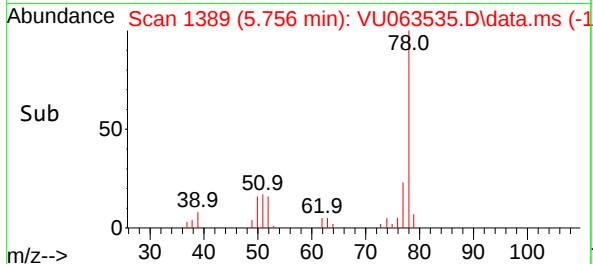
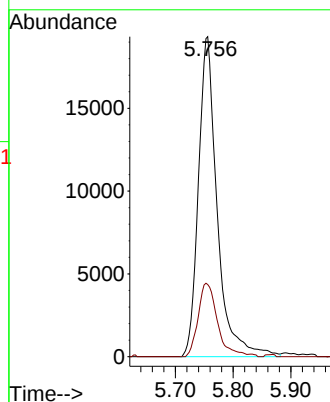
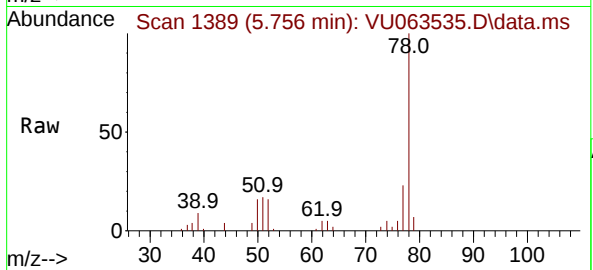




#35
Benzene
Concen: 1.832 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

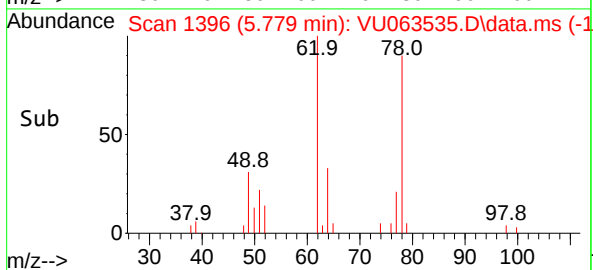
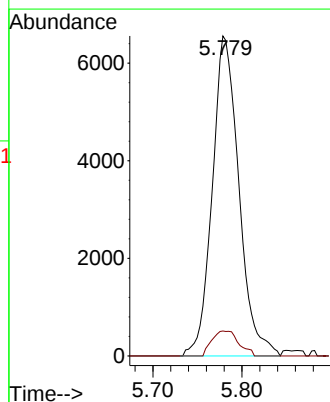
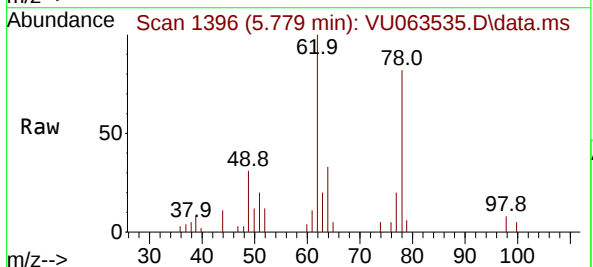
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

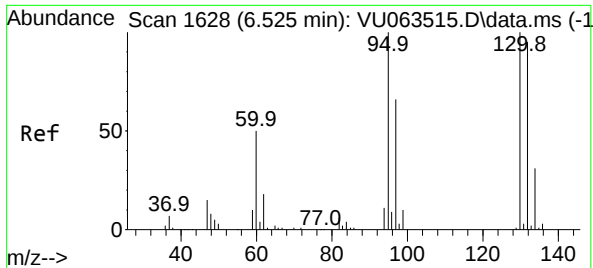
Tgt Ion: 78 Resp: 43678
Ion Ratio Lower Upper
78 100
77 22.5 19.4 29.2



#36
1,2-Dichloroethane
Concen: 1.838 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 62 Resp: 13615
Ion Ratio Lower Upper
62 100
98 7.8 6.4 9.6

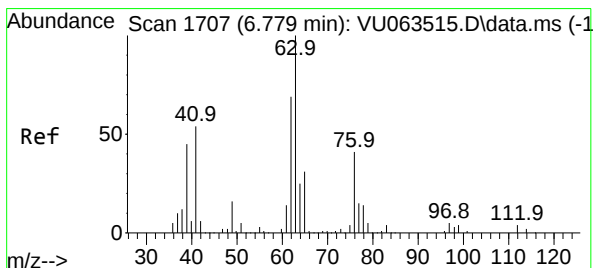
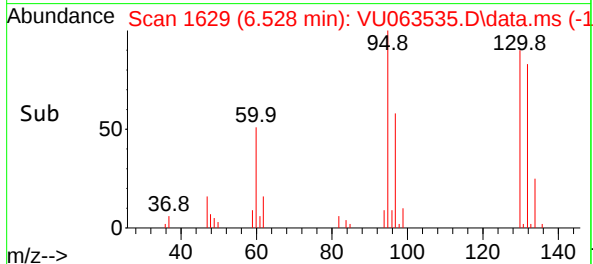
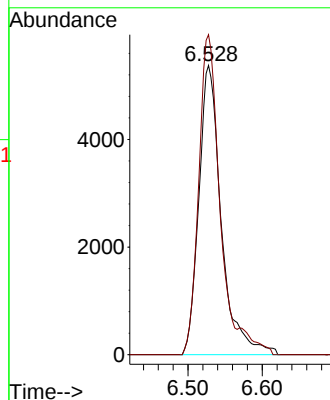
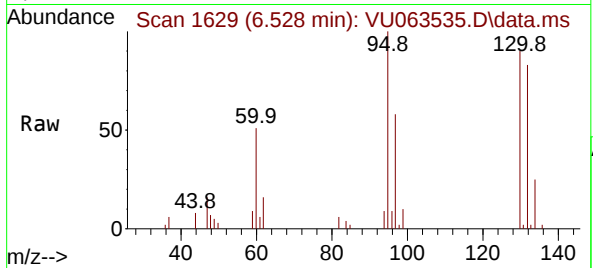




#37
Trichloroethene
Concen: 1.862 ug/l
RT: 6.528 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

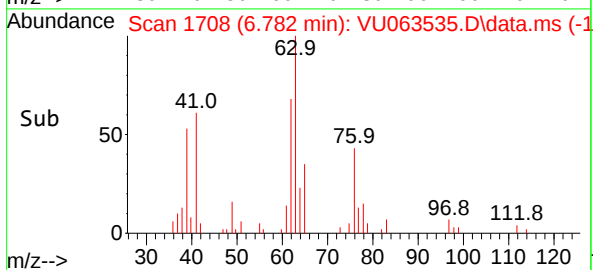
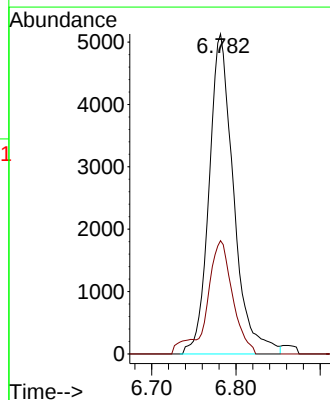
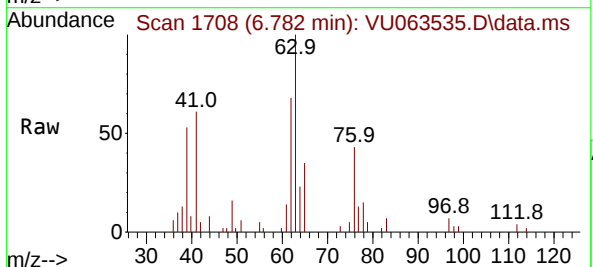
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

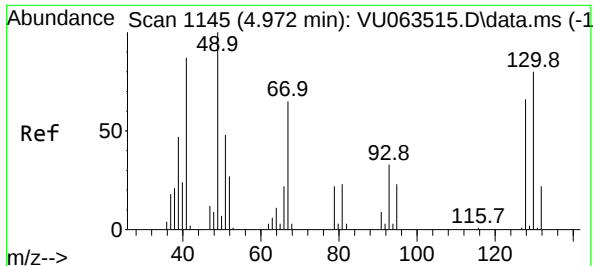
Tgt Ion:130 Resp: 11322
Ion Ratio Lower Upper
130 100
95 110.6 80.3 120.5



#38
1,2-Dichloropropane
Concen: 1.860 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 63 Resp: 10377
Ion Ratio Lower Upper
63 100
65 35.4 24.6 36.8





#39

Methacrylonitrile

Concen: 2.039 ug/l

RT: 4.975 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBS02

Tgt Ion: 41 Resp: 4501

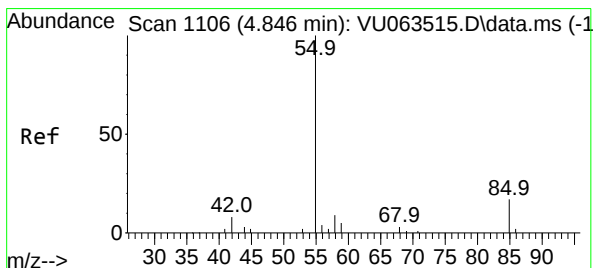
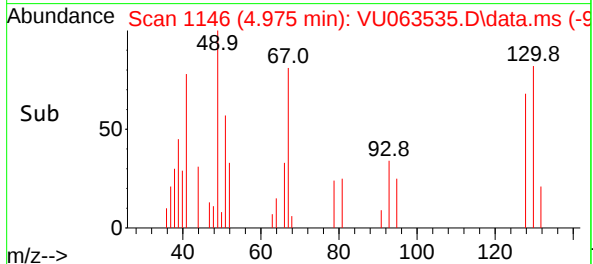
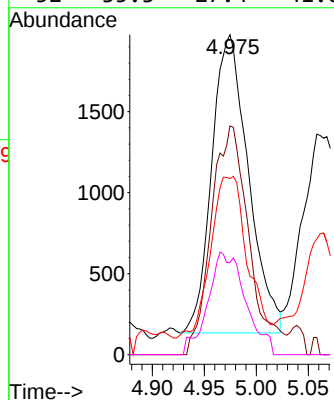
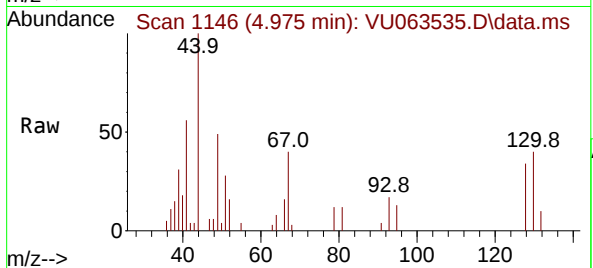
Ion Ratio Lower Upper

41 100

67 79.4 62.7 94.1

39 54.2 43.1 64.7

52 35.3 27.4 41.0



#40

Methyl acrylate

Concen: 2.087 ug/l

RT: 4.853 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Tgt Ion: 55 Resp: 6736

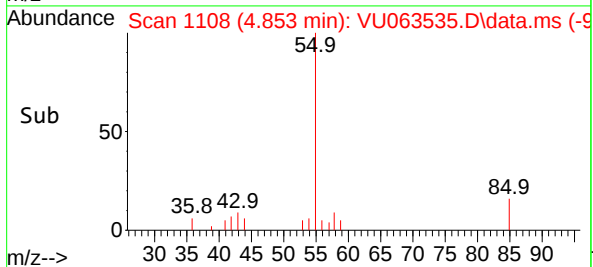
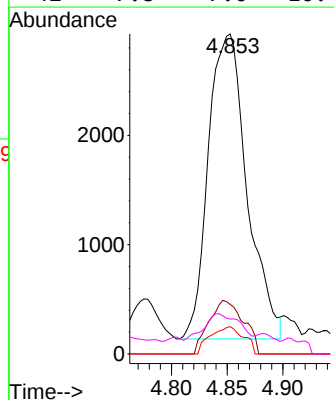
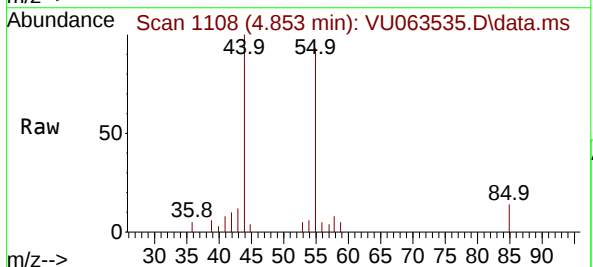
Ion Ratio Lower Upper

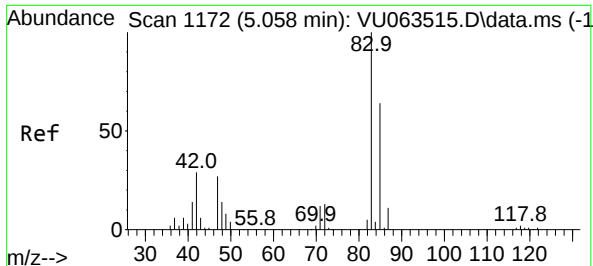
55 100

85 15.8 12.8 19.2

58 7.7 7.0 10.4

42 7.8 7.0 10.4





#41

Tetrahydrofuran

Concen: 4.799 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBS02

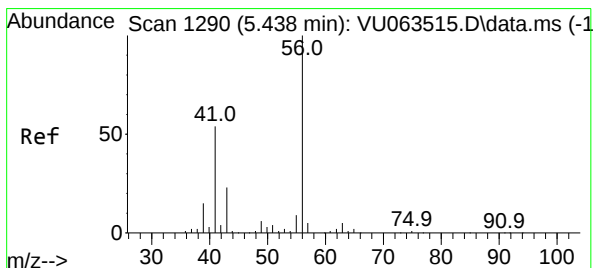
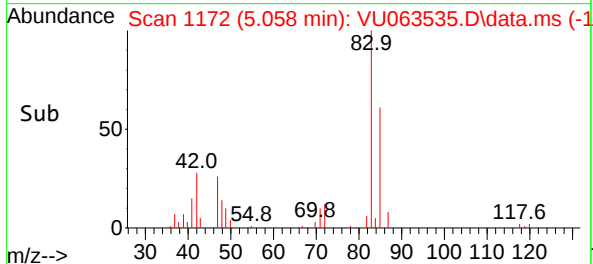
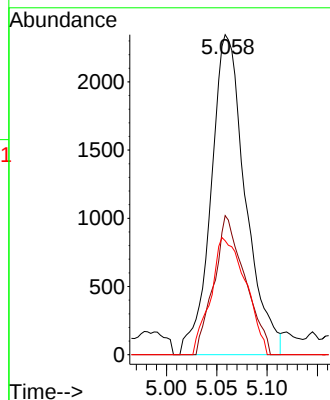
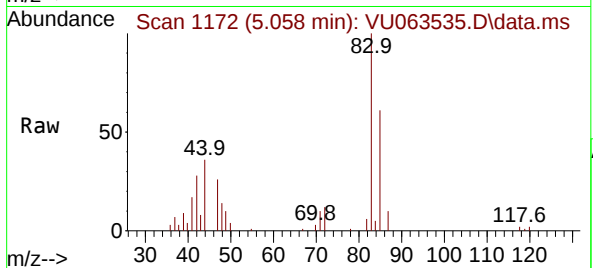
Tgt Ion: 42 Resp: 5573

Ion Ratio Lower Upper

42 100

72 39.3 39.2 58.8

71 37.1 34.8 52.2



#42

1-Chlorobutane

Concen: 2.024 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VU063535.D

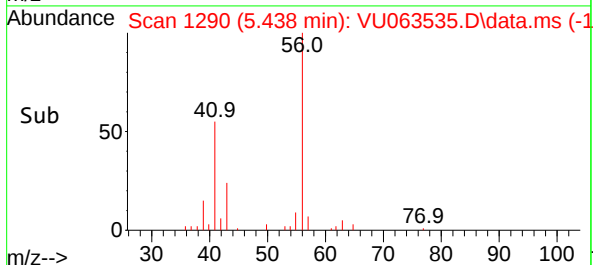
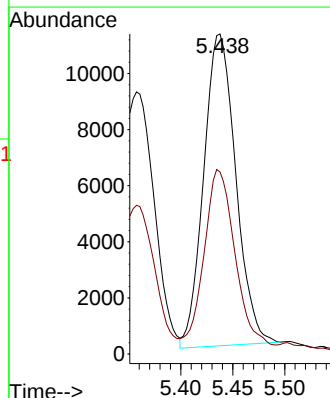
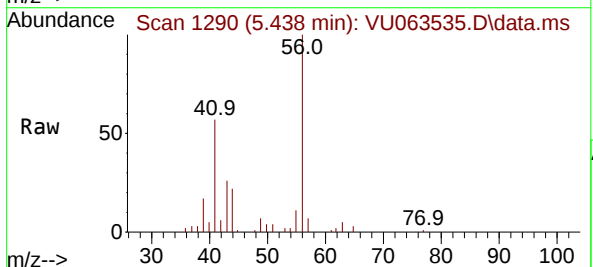
Acq: 18 Jul 2025 11:50

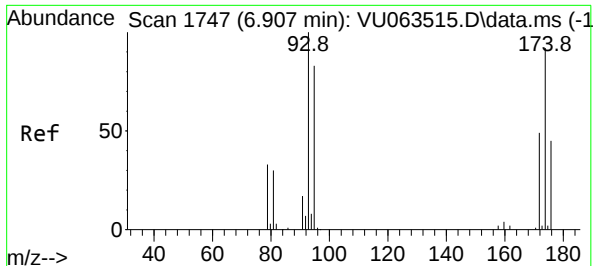
Tgt Ion: 56 Resp: 23868

Ion Ratio Lower Upper

56 100

41 53.9 26.7 80.0

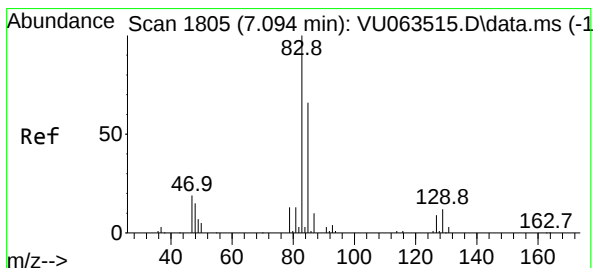
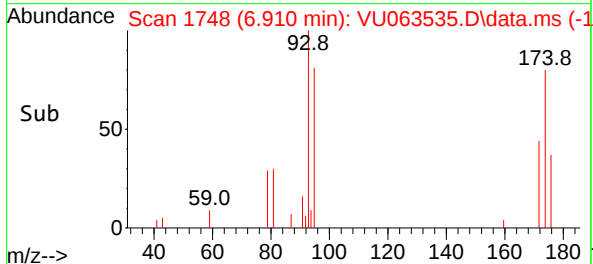
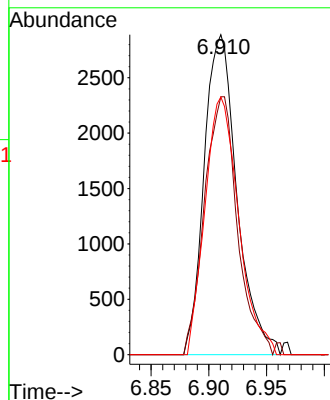
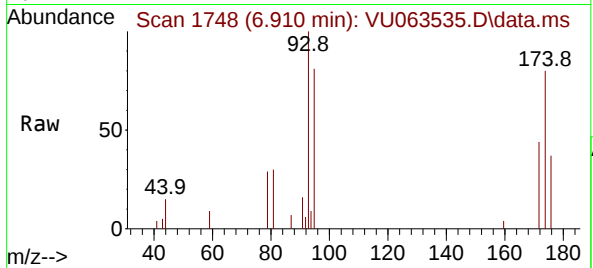




#43
Dibromomethane
Concen: 1.979 ug/l
RT: 6.910 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

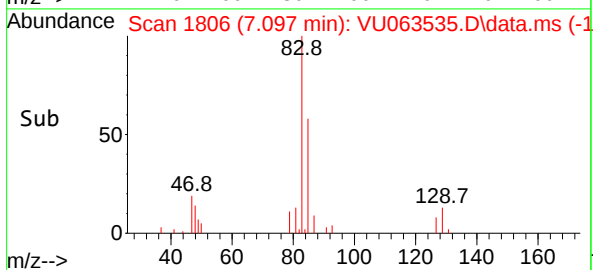
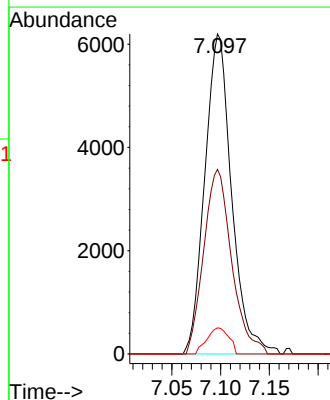
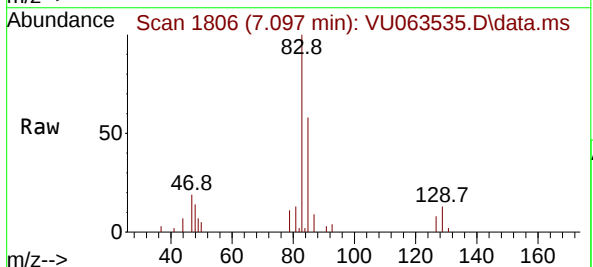
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

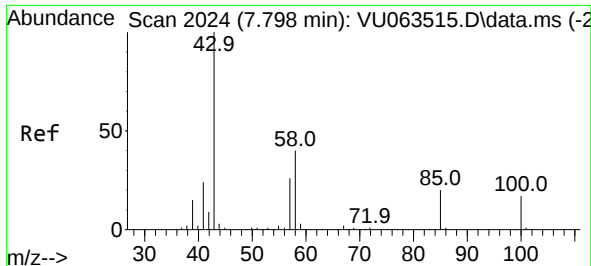
Tgt Ion: 93 Resp: 5720
Ion Ratio Lower Upper
93 100
95 80.8 67.9 101.9
174 82.6 74.6 111.8



#44
Bromodichloromethane
Concen: 1.818 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 83 Resp: 11850
Ion Ratio Lower Upper
83 100
85 57.7 52.7 79.1
127 8.1 8.1 12.1





#45

4-Methyl-2-Pentanone

Concen: 10.474 ug/l

RT: 7.798 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBS02

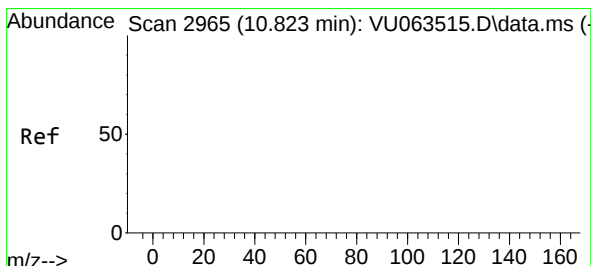
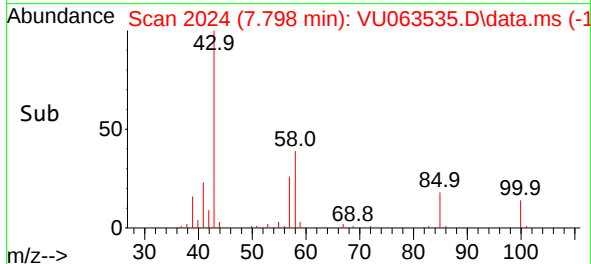
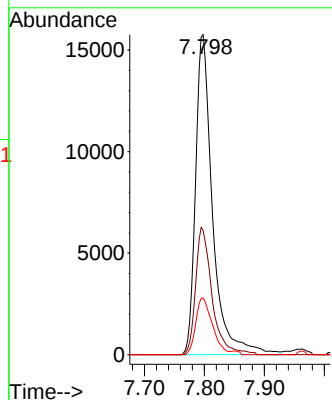
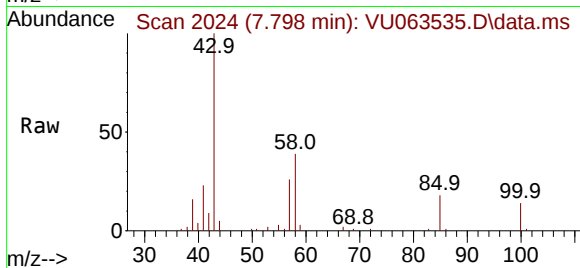
Tgt Ion: 43 Resp: 31197

Ion Ratio Lower Upper

43 100

58 38.5 20.0 60.0

85 17.3 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 8.935 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.006 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Tgt Ion: 75 Resp: 9990

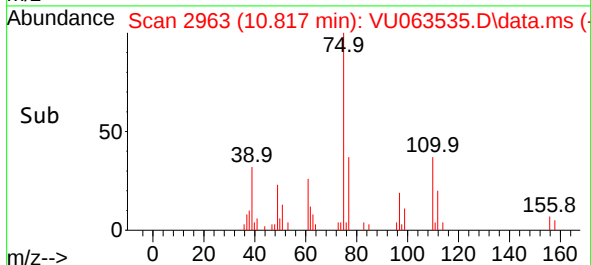
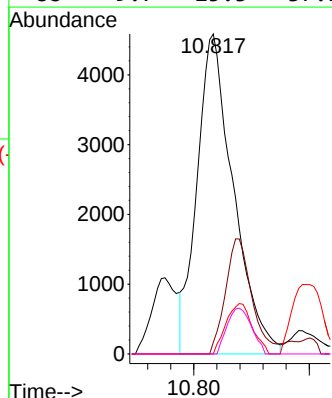
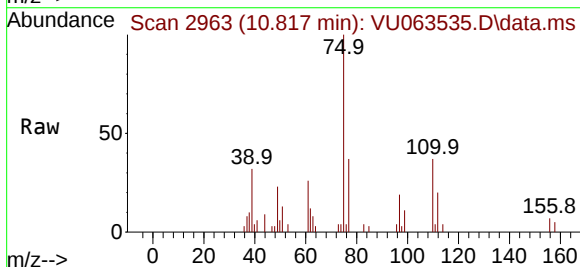
Ion Ratio Lower Upper

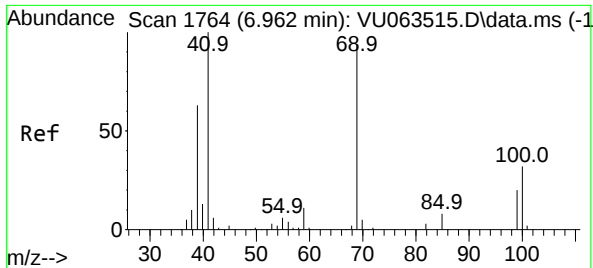
75 100

53 26.0 48.4 72.6#

89 11.4 30.6 45.8#

88 9.7 25.3 37.9#

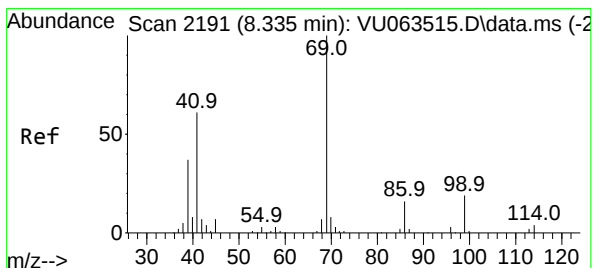
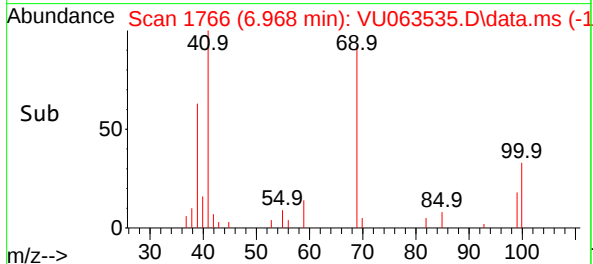
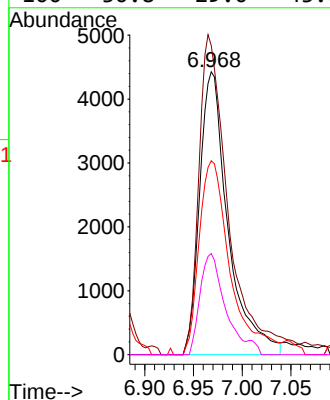
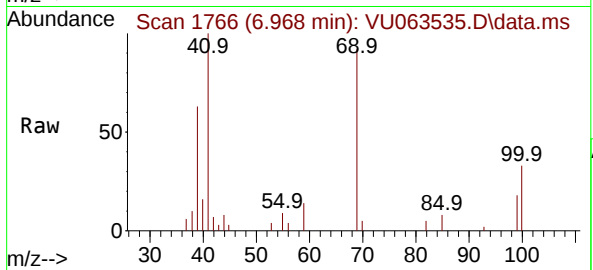




#47
Methyl methacrylate
Concen: 3.707 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

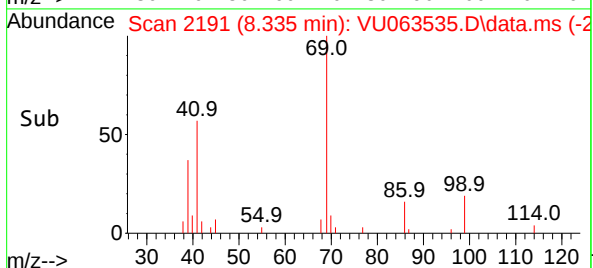
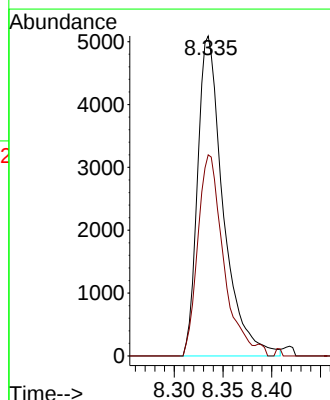
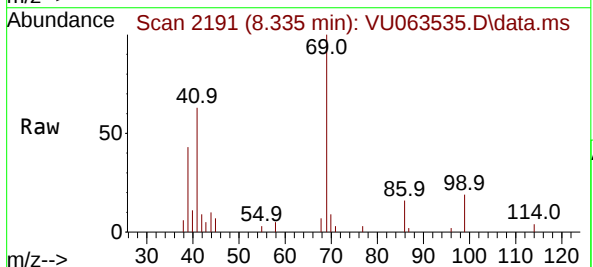
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

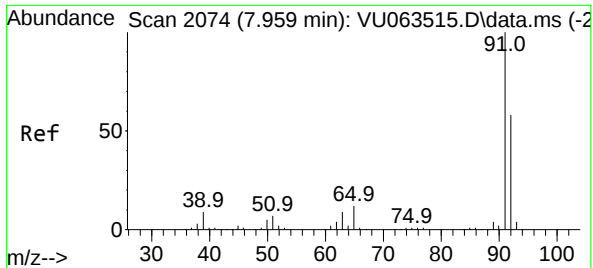
Tgt Ion:	69	Resp:	8996
Ion	Ratio	Lower	Upper
69	100		
41	118.1	0.0	224.0
39	74.7	55.3	82.9
100	30.8	29.0	43.6



#48
Ethyl methacrylate
Concen: 2.006 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion:	69	Resp:	9290
Ion	Ratio	Lower	Upper
69	100		
41	62.7	30.8	92.4

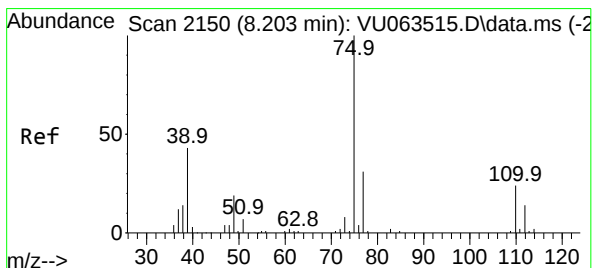
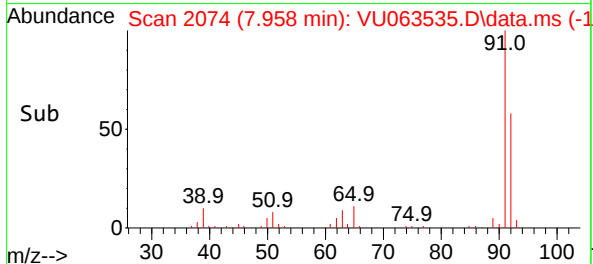
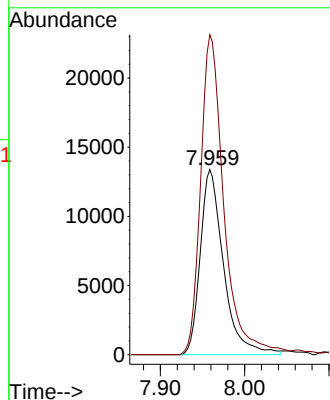
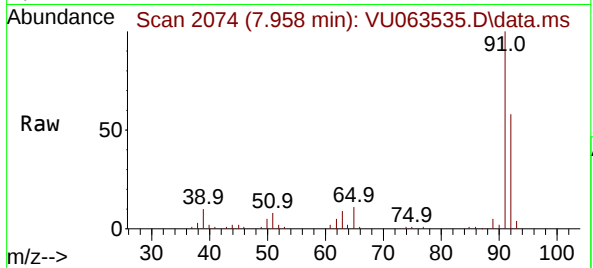




#49
Toluene
Concen: 1.978 ug/l
RT: 7.958 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

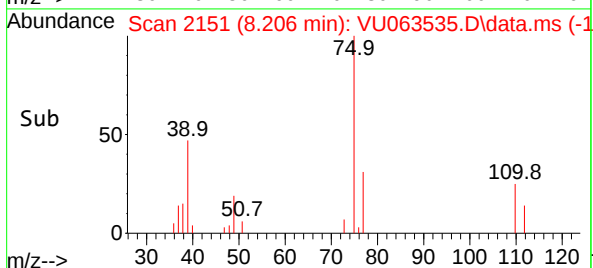
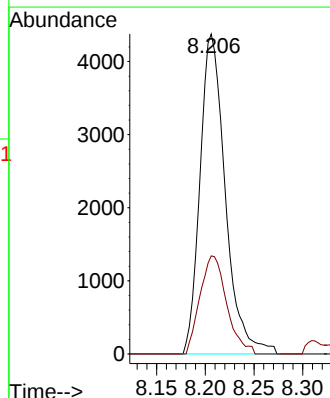
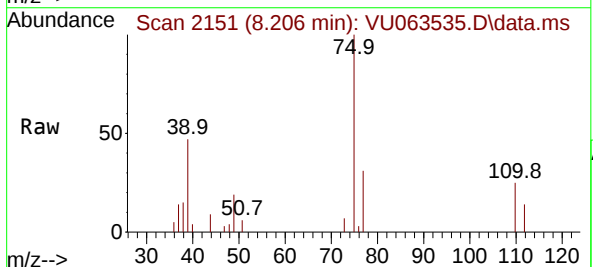
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

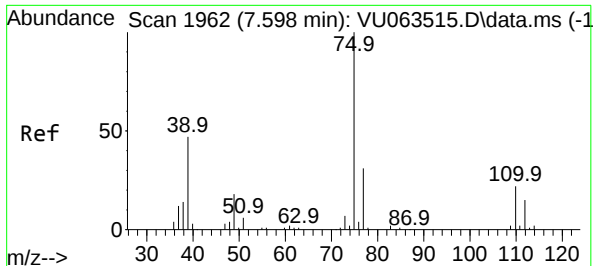
Tgt Ion: 92 Resp: 25746
Ion Ratio Lower Upper
92 100
91 172.8 140.4 210.6



#50
t-1,3-Dichloropropene
Concen: 1.544 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 75 Resp: 7896
Ion Ratio Lower Upper
75 100
77 30.7 24.9 37.3

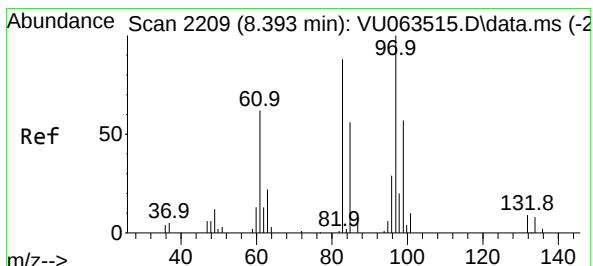
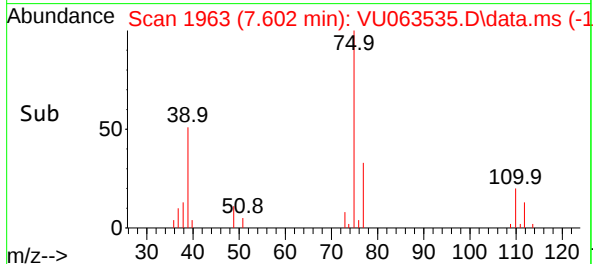
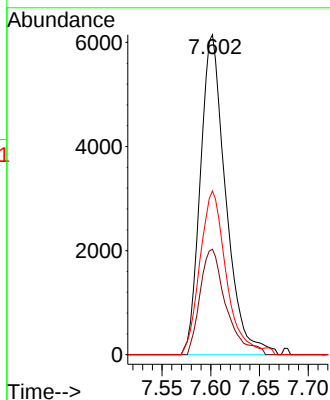
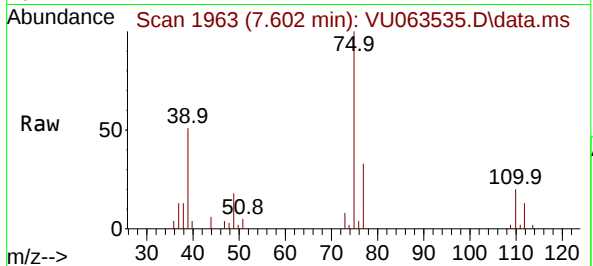




#51
 cis-1,3-Dichloropropene
 Concen: 1.623 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU063535.D
 Acq: 18 Jul 2025 11:50

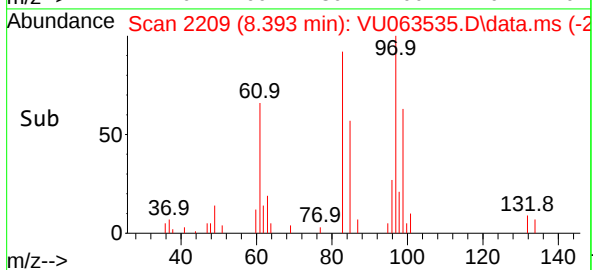
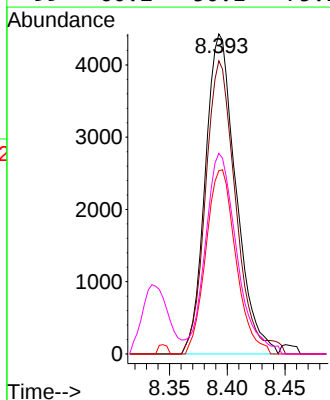
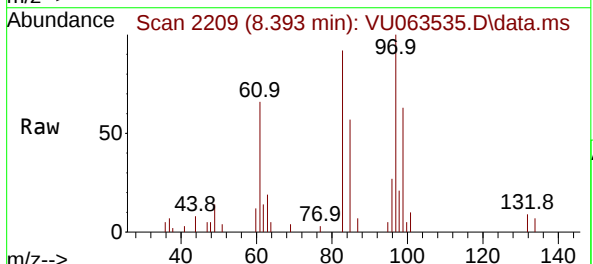
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0718WBS02

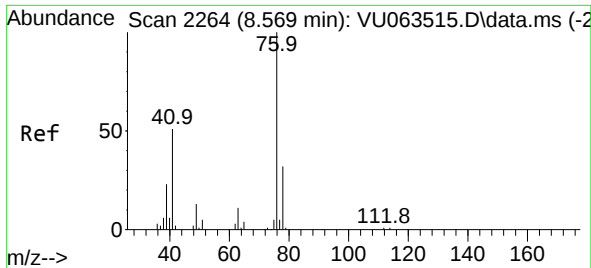
Tgt Ion:	75	Resp:	11136
Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.1	37.7
39	51.2	37.8	56.6



#52
 1,1,2-Trichloroethane
 Concen: 2.103 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063535.D
 Acq: 18 Jul 2025 11:50

Tgt Ion:	97	Resp:	8183
Ion	Ratio	Lower	Upper
97	100		
83	91.6	70.2	105.2
85	57.3	45.2	67.8
99	60.2	50.1	75.1

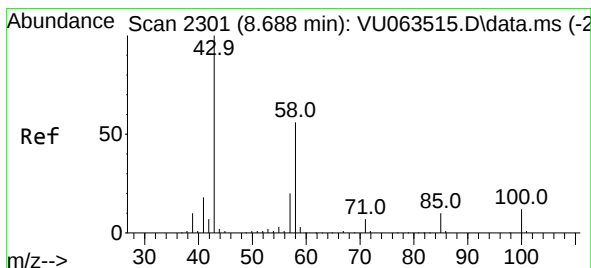
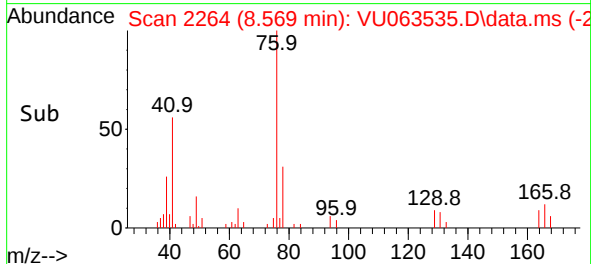
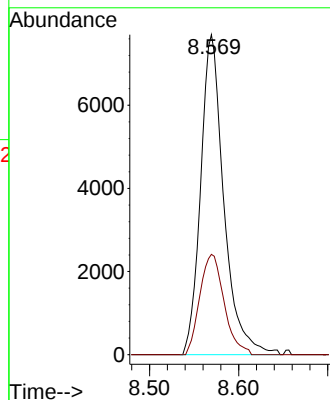
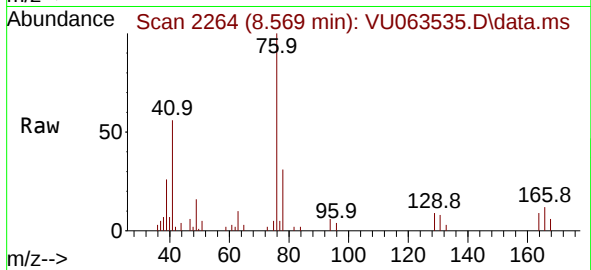




#53
1,3-Dichloropropane
Concen: 2.071 ug/l
RT: 8.569 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

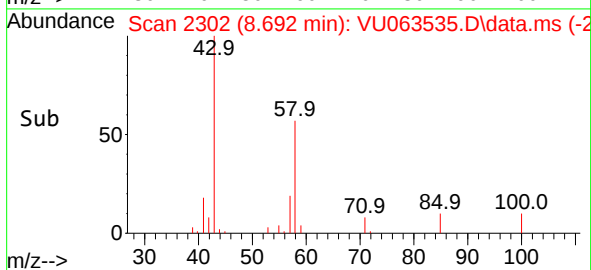
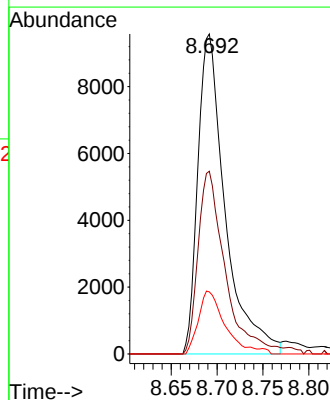
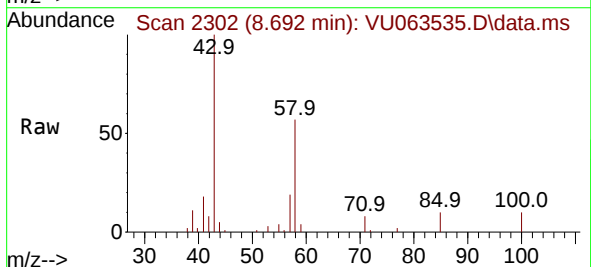
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

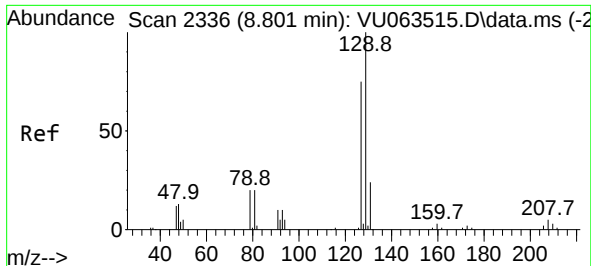
Tgt Ion: 76 Resp: 13909
Ion Ratio Lower Upper
76 100
78 32.8 26.0 39.0



#54
2-Hexanone
Concen: 10.036 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 43 Resp: 19855
Ion Ratio Lower Upper
43 100
58 56.5 34.8 74.8
57 19.3 0.0 39.5

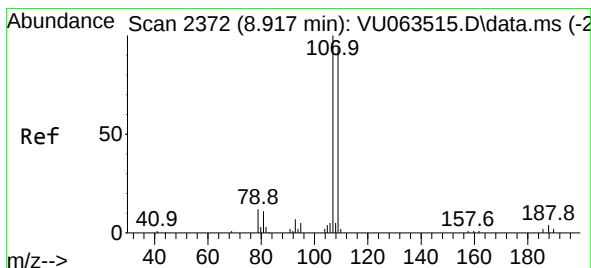
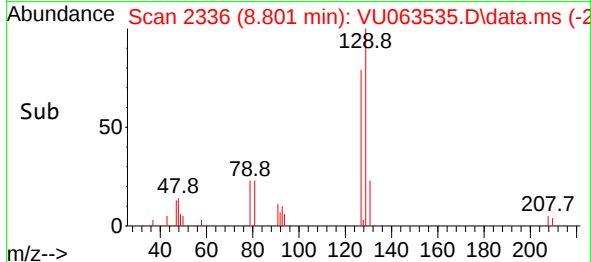
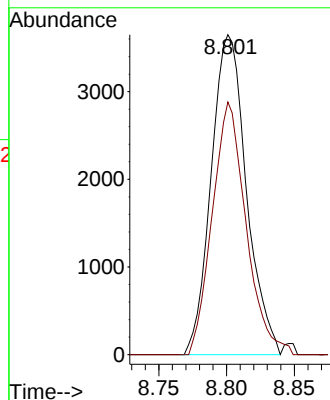
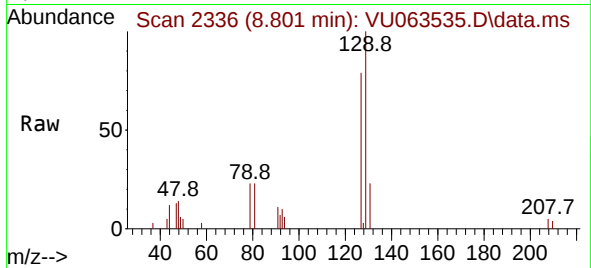




#55
Dibromochloromethane
Concen: 1.606 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

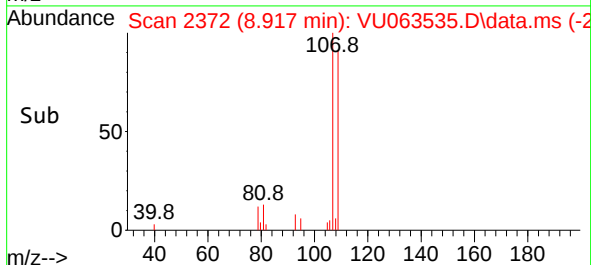
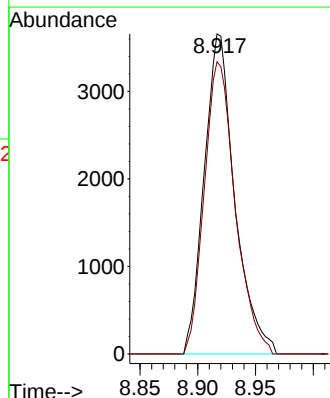
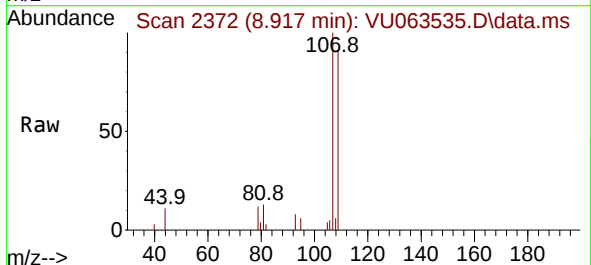
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

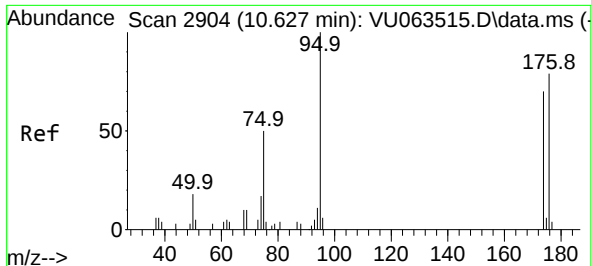
Tgt Ion:129 Resp: 6602
Ion Ratio Lower Upper
129 100
127 75.7 60.1 90.1



#56
1,2-Dibromoethane
Concen: 1.935 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion:107 Resp: 6737
Ion Ratio Lower Upper
107 100
109 92.4 0.0 186.4





#57

4-Bromofluorobenzene

Concen: 1.032 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBS02

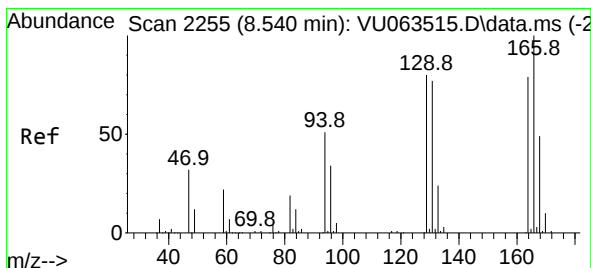
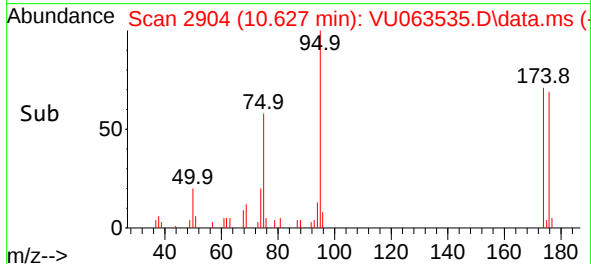
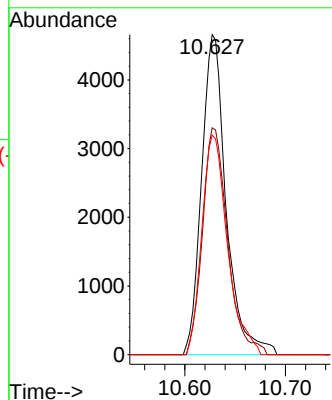
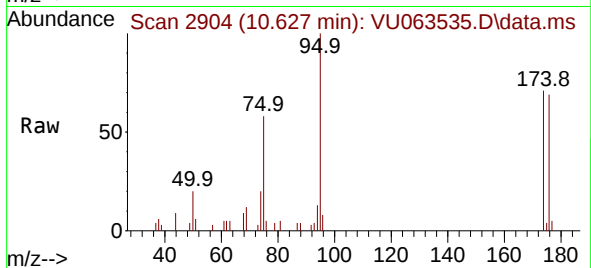
Tgt Ion: 95 Resp: 7909

Ion Ratio Lower Upper

95 100

174 72.3 59.8 89.8

176 71.5 61.8 92.8



#58

Tetrachloroethene

Concen: 1.891 ug/l

RT: 8.540 min Scan# 2255

Delta R.T. -0.000 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Tgt Ion: 164 Resp: 10524

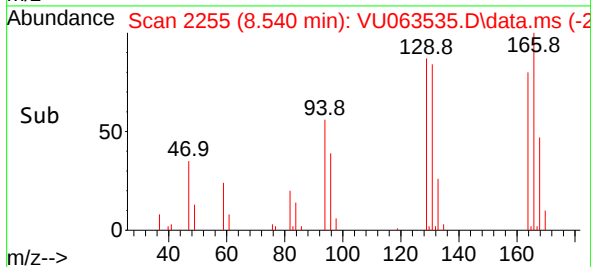
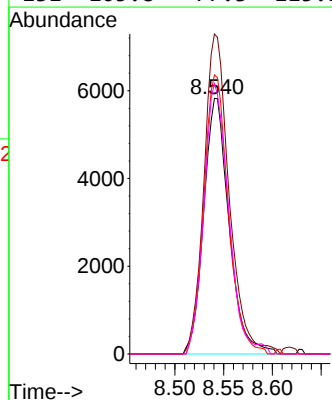
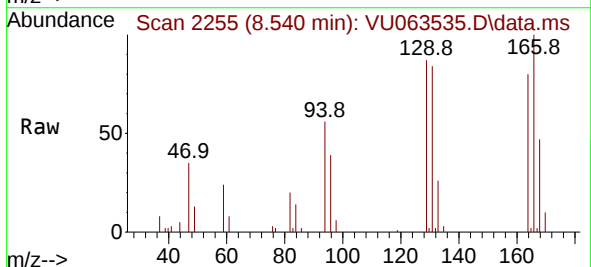
Ion Ratio Lower Upper

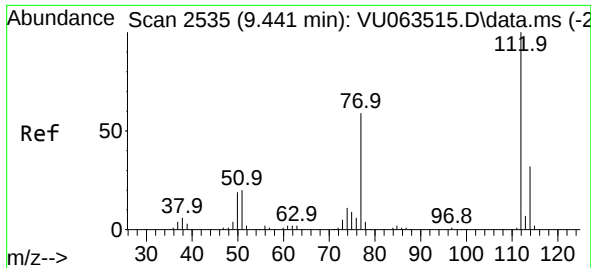
164 100

166 125.2 100.7 151.1

129 109.2 80.6 120.8

131 105.8 77.3 115.9

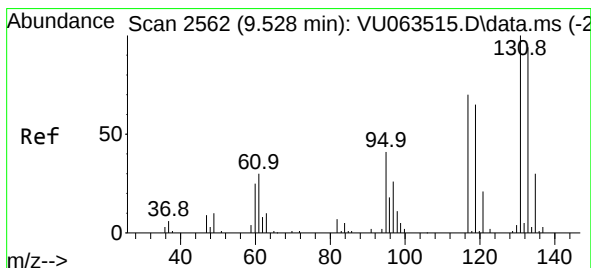
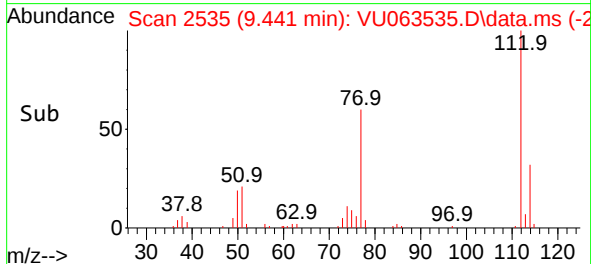
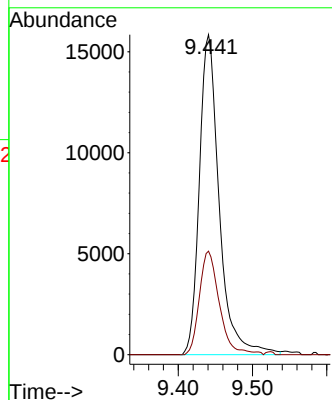
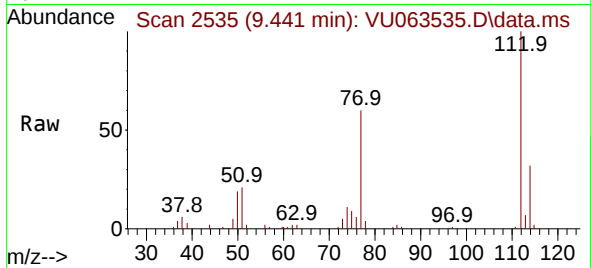




#59
Chlorobenzene
Concen: 1.968 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

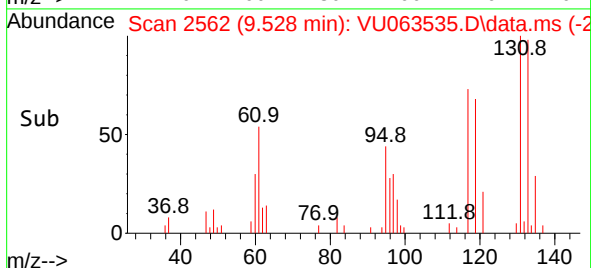
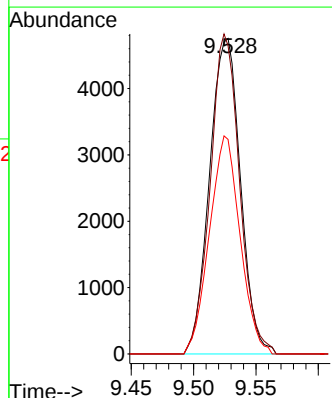
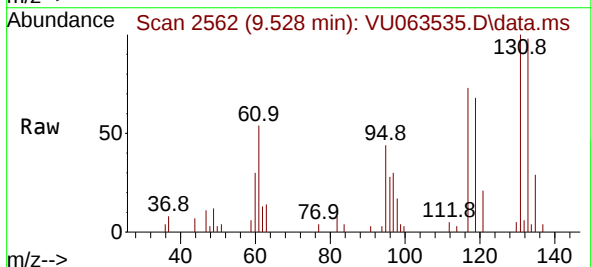
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

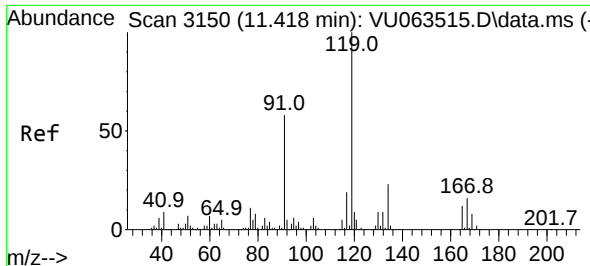
Tgt Ion:112 Resp: 29416
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 1.708 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion:131 Resp: 8208
Ion Ratio Lower Upper
131 100
133 96.5 74.7 112.1
119 68.6 53.0 79.4

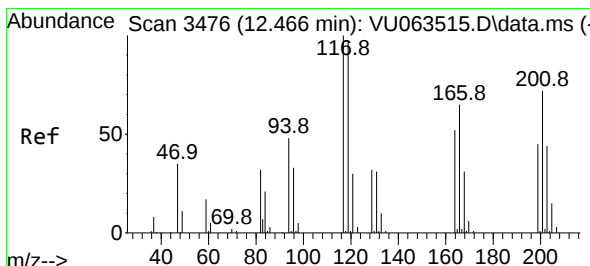
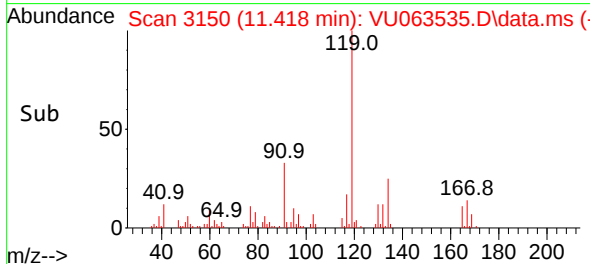
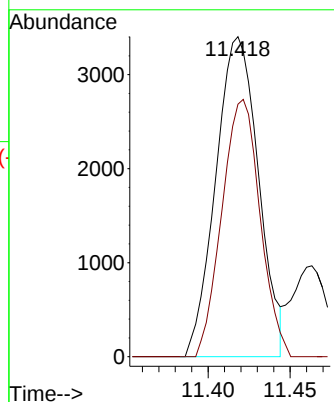
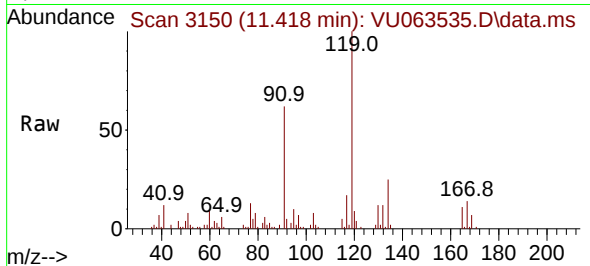




#61
 Pentachloroethane
 Concen: 1.812 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU063535.D
 Acq: 18 Jul 2025 11:50

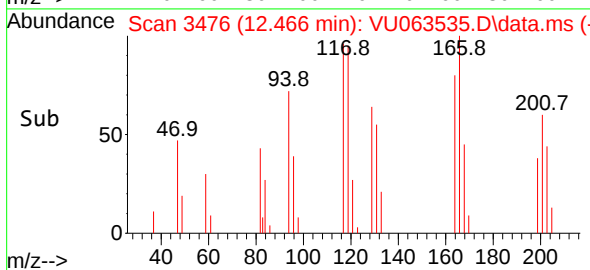
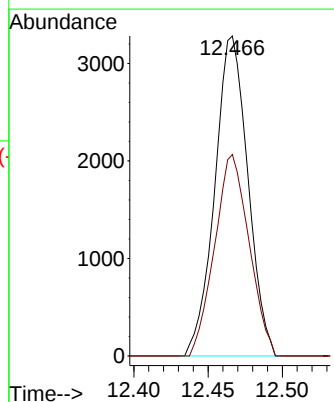
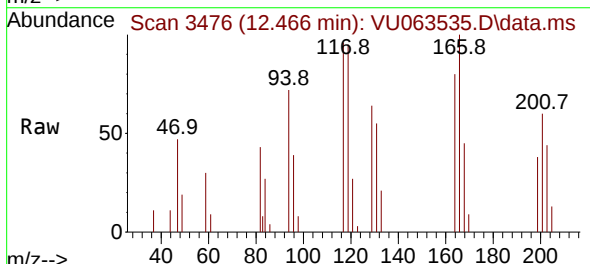
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0718WBS02

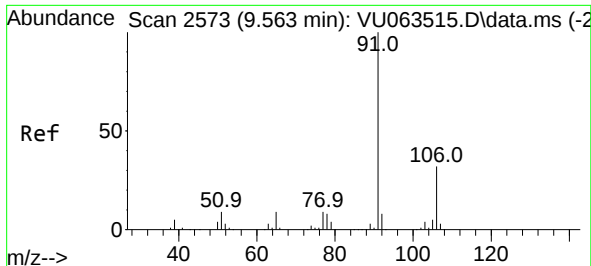
Tgt Ion:117 Resp: 6154
 Ion Ratio Lower Upper
 117 100
 167 71.8 65.0 97.6



#62
 Hexachloroethane
 Concen: 1.512 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU063535.D
 Acq: 18 Jul 2025 11:50

Tgt Ion:117 Resp: 5086
 Ion Ratio Lower Upper
 117 100
 201 65.6 57.4 86.0

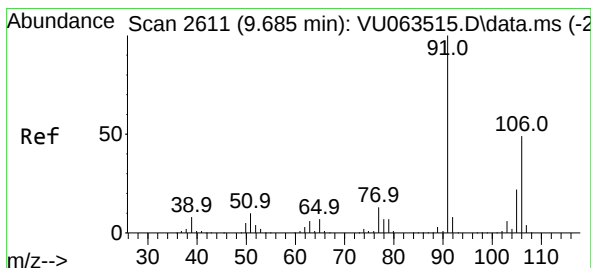
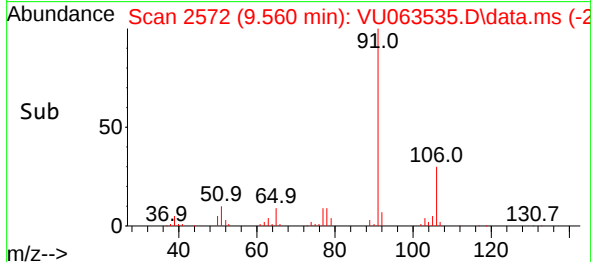
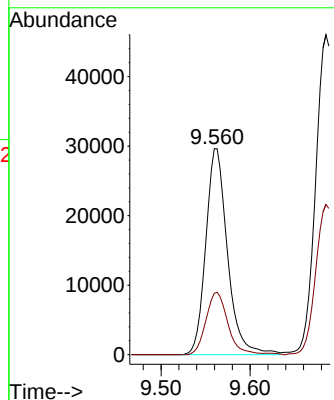
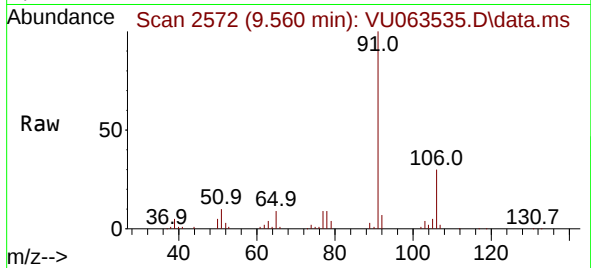




#63
Ethyl Benzene
Concen: 1.949 ug/l
RT: 9.560 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

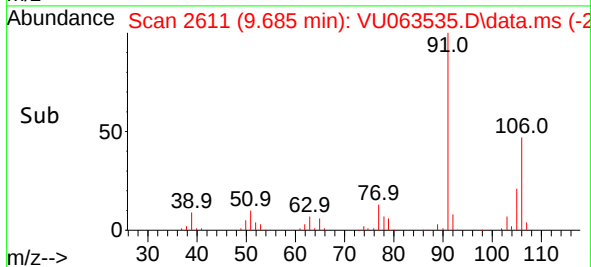
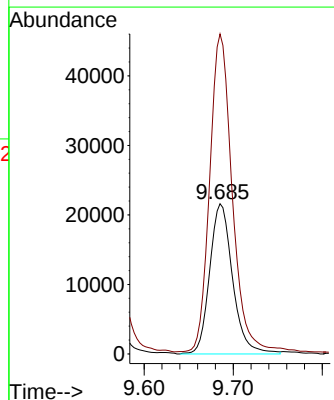
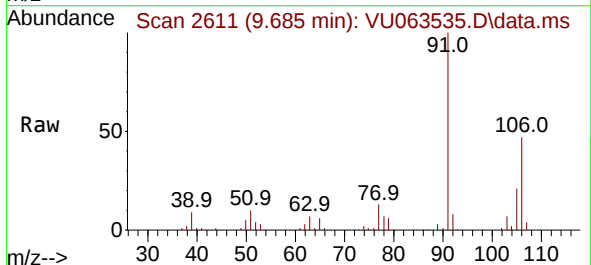
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

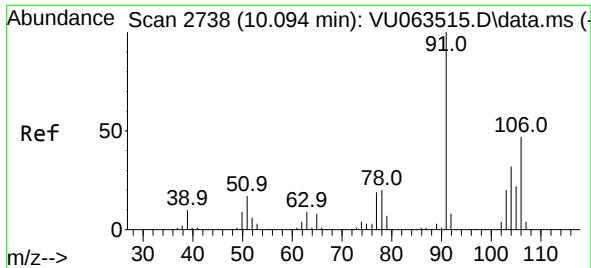
Tgt Ion: 91 Resp: 50124
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.0



#64
m/p-Xylenes
Concen: 3.865 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion:106 Resp: 38644
Ion Ratio Lower Upper
106 100
91 213.0 163.6 245.4

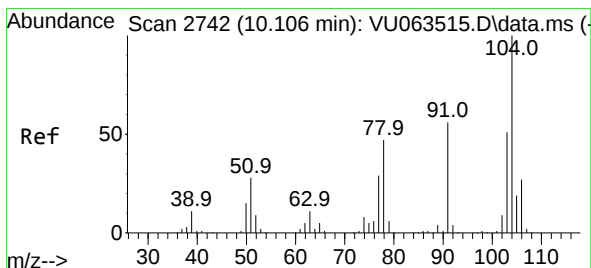
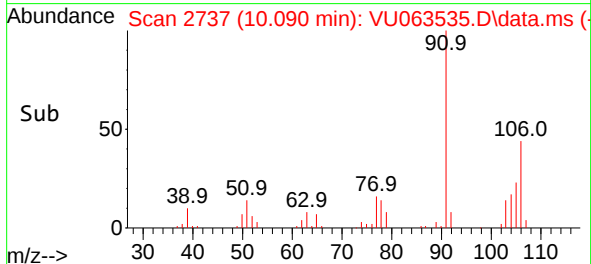
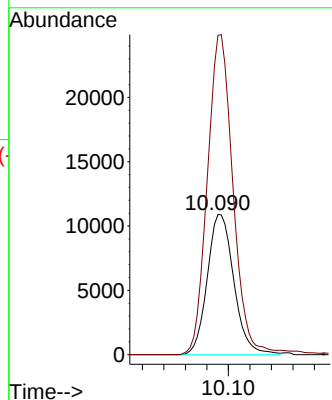
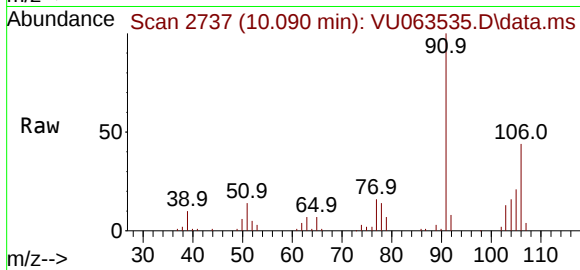




#65
o-Xylene
Concen: 1.950 ug/l
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

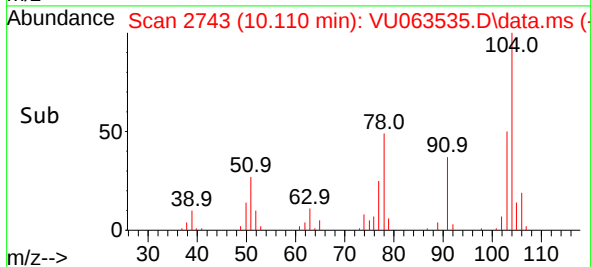
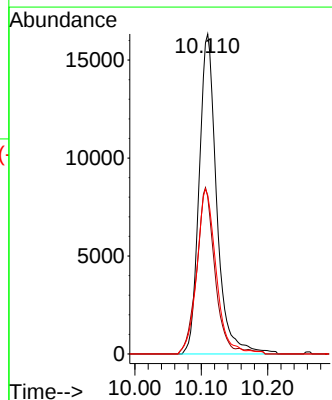
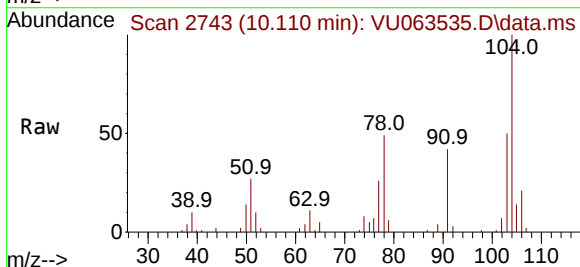
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

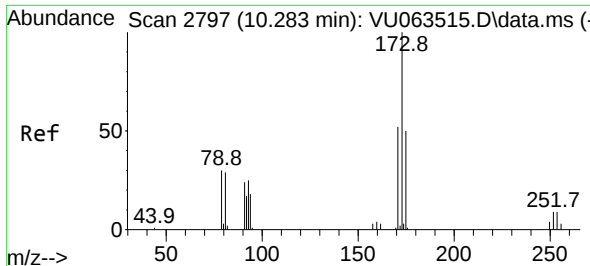
Tgt Ion:106 Resp: 18729
Ion Ratio Lower Upper
106 100
91 222.2 108.1 324.4



#66
Styrene
Concen: 1.964 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion:104 Resp: 30077
Ion Ratio Lower Upper
104 100
78 53.0 41.3 61.9
103 56.0 43.6 65.4

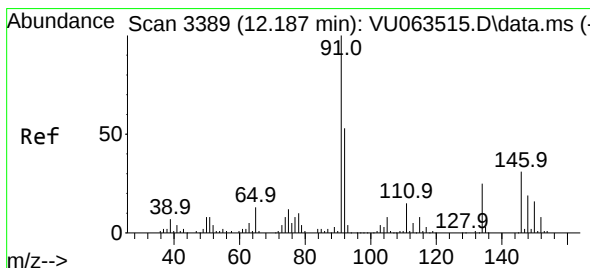
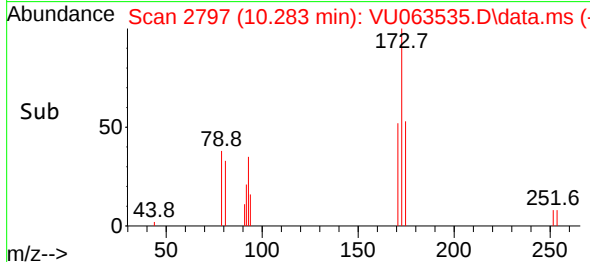
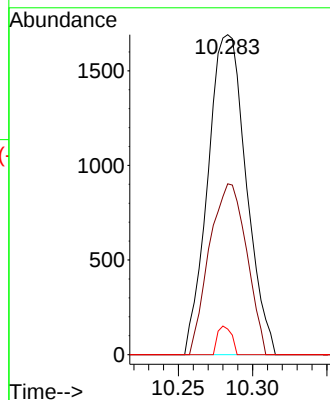
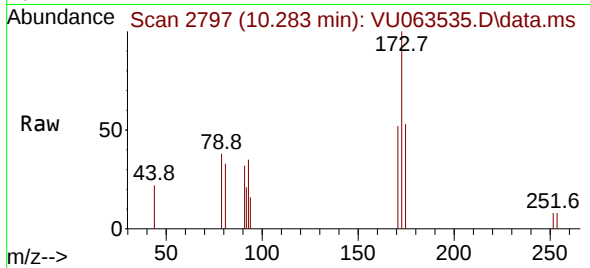




#67
Bromoform
Concen: 1.436 ug/l
RT: 10.283 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

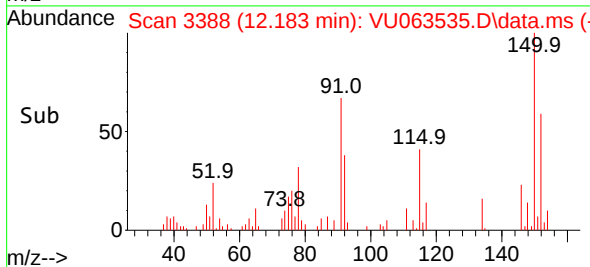
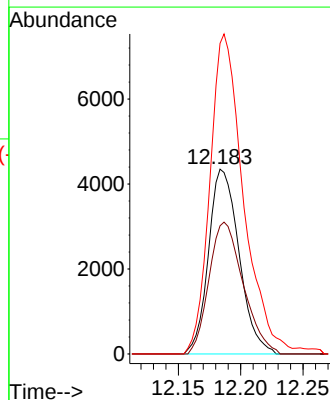
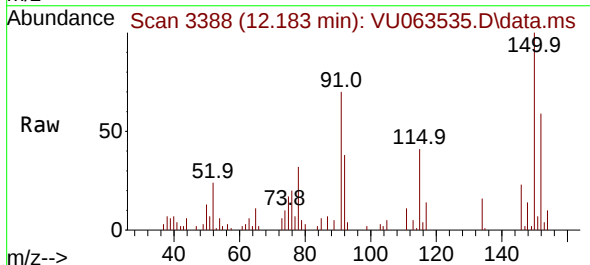
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

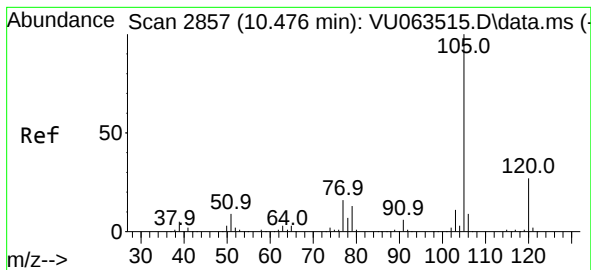
Tgt Ion:173 Resp: 3032
Ion Ratio Lower Upper
173 100
175 51.8 39.0 58.4
254 3.3 6.5 9.7#



#68
1,2-Dichlorobenzene-d4
Concen: 1.047 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion:152 Resp: 7416
Ion Ratio Lower Upper
152 100
115 79.8 0.0 262.2
150 191.8 0.0 651.2





#69

Isopropylbenzene

Concen: 1.982 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

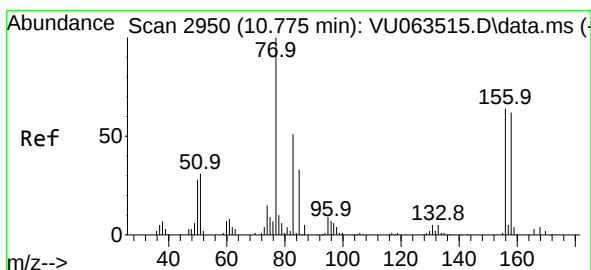
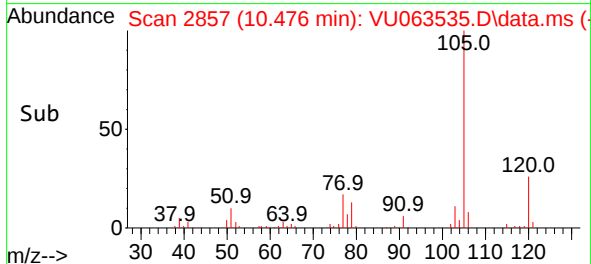
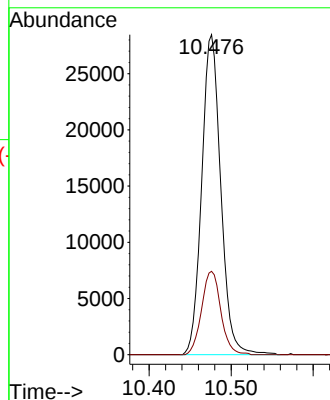
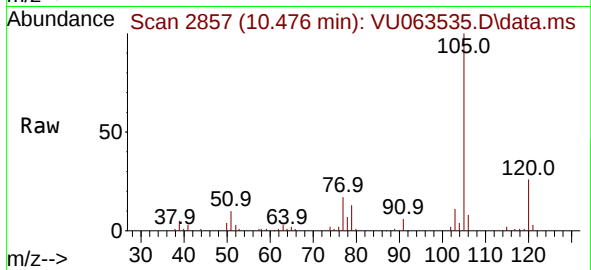
VU0718WBS02

Tgt Ion:105 Resp: 46030

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 1.985 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

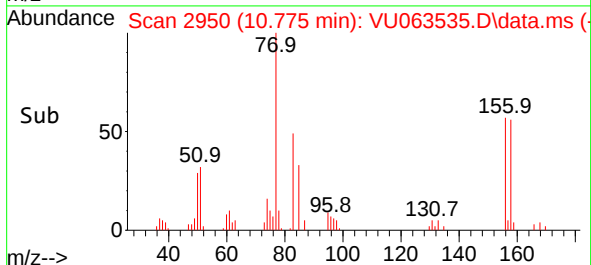
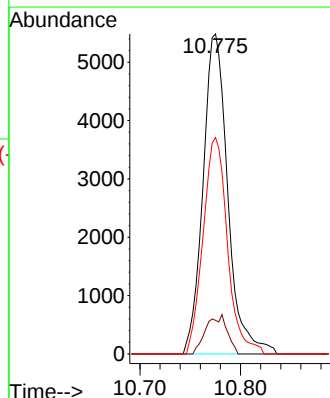
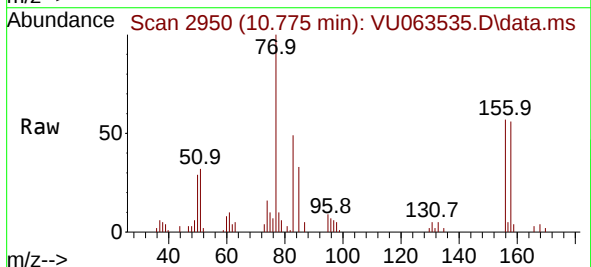
Tgt Ion: 83 Resp: 9398

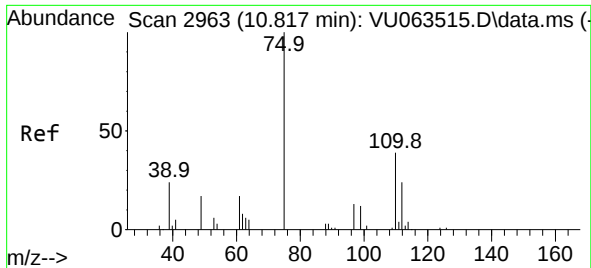
Ion Ratio Lower Upper

83 100

131 10.5 8.4 12.6

85 66.4 51.9 77.9

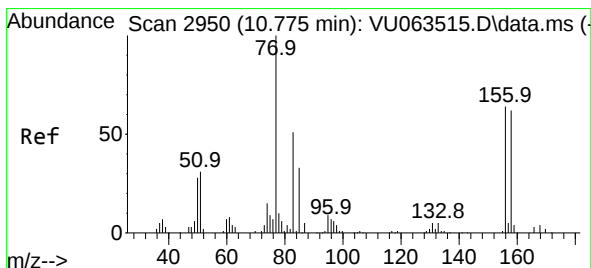
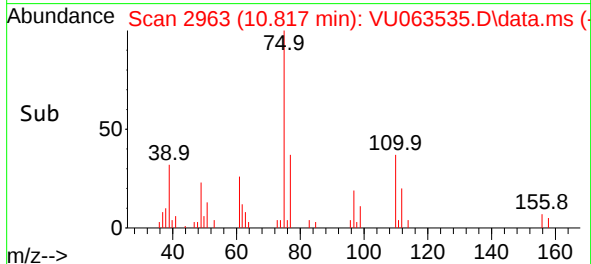
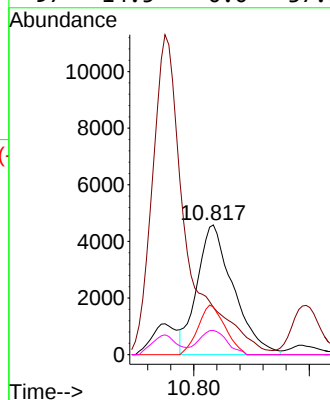
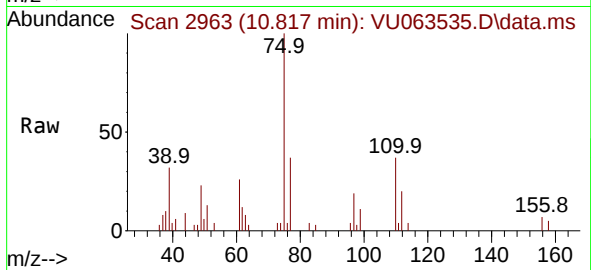




#71
1,2,3-Trichloropropane
Concen: 2.598 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

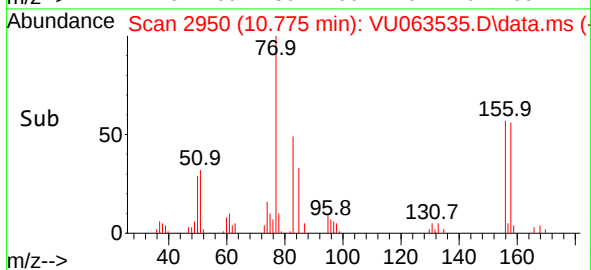
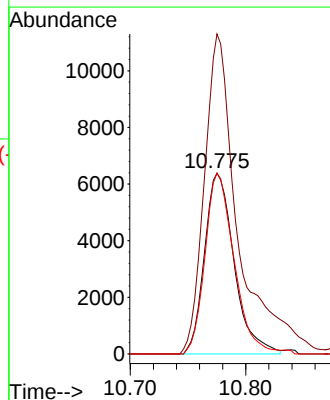
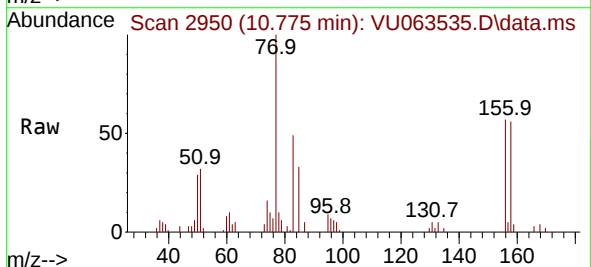
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

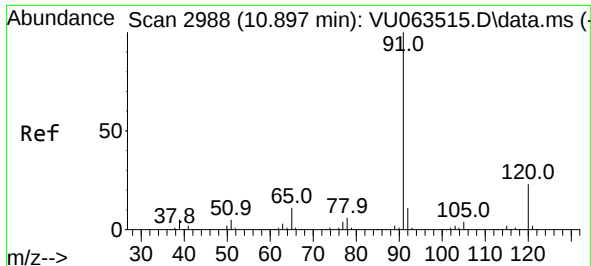
Tgt Ion:	75	Resp:	9990
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	28.4	0.0	73.2
97	14.5	0.0	37.6



#72
Bromobenzene
Concen: 1.898 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion:	156	Resp:	11376
Ion	Ratio	Lower	Upper
156	100		
77	202.7	0.0	315.2
158	98.5	0.0	195.4

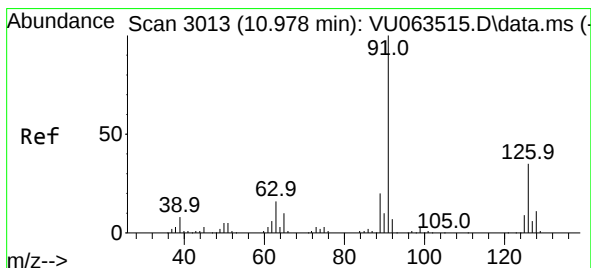
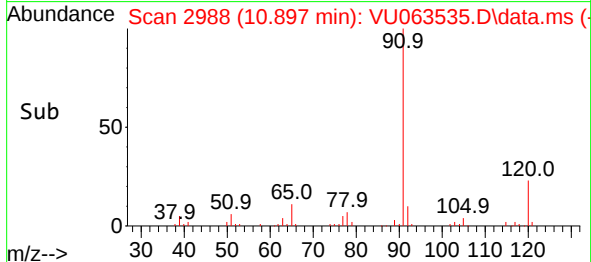
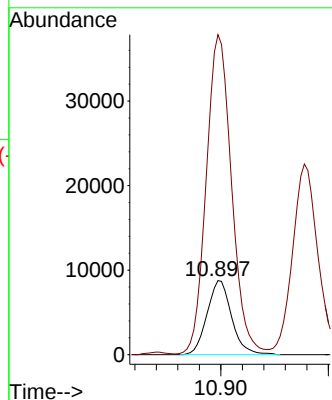
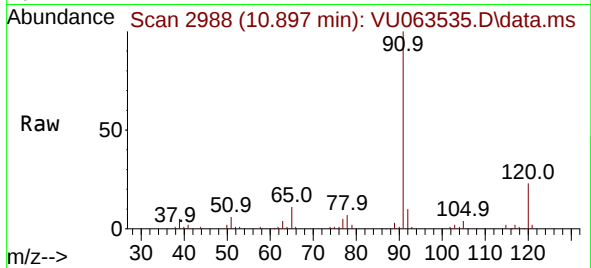




#73
n-propylbenzene
Concen: 1.984 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

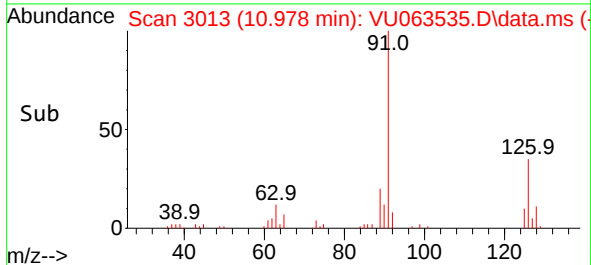
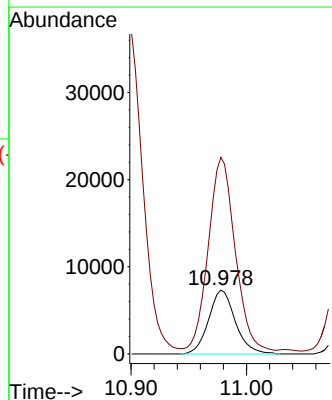
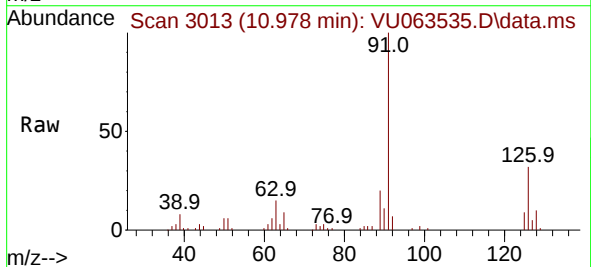
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

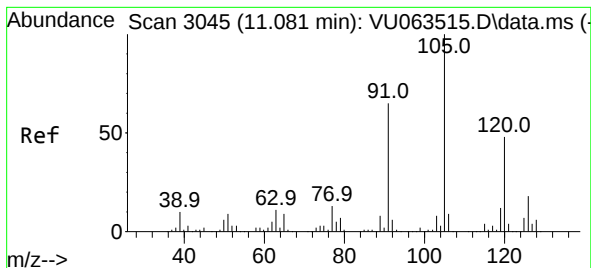
Tgt Ion:120 Resp: 13872
Ion Ratio Lower Upper
120 100
91 443.3 343.1 514.7



#74
2-Chlorotoluene
Concen: 1.902 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion:126 Resp: 11750
Ion Ratio Lower Upper
126 100
91 304.0 0.0 606.0





#75

1,3,5-Trimethylbenzene

Concen: 1.933 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

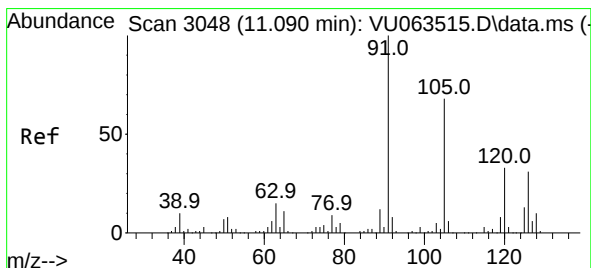
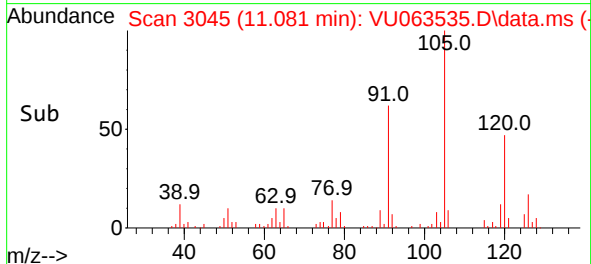
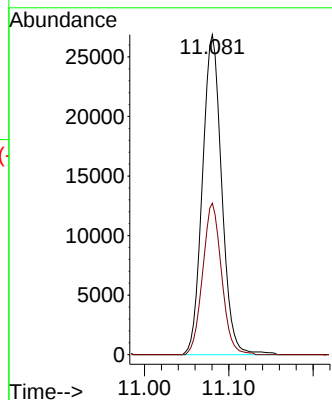
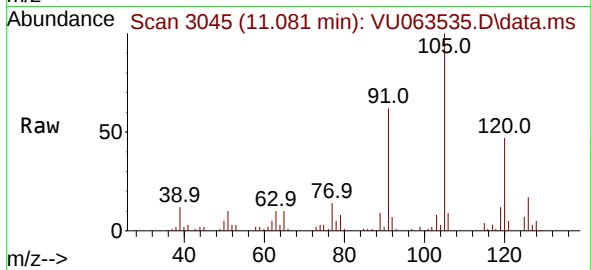
VU0718WBS02

Tgt Ion:105 Resp: 42877

Ion Ratio Lower Upper

105 100

120 46.3 37.8 56.8



#76

4-Chlorotoluene

Concen: 2.018 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VU063535.D

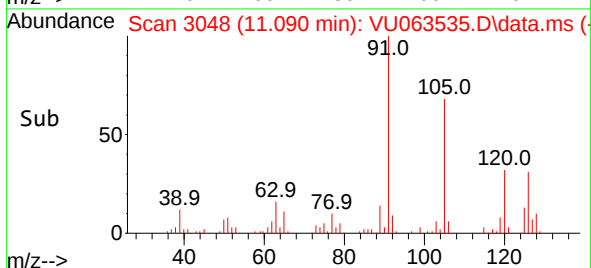
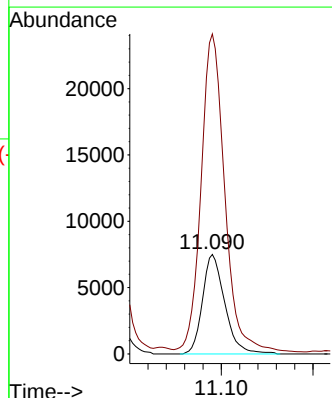
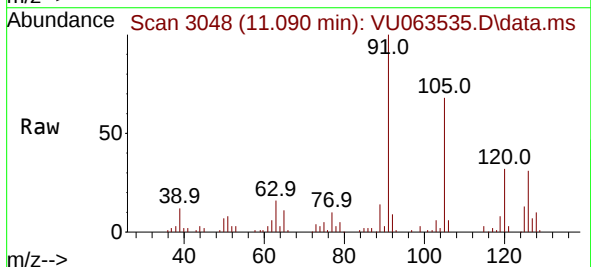
Acq: 18 Jul 2025 11:50

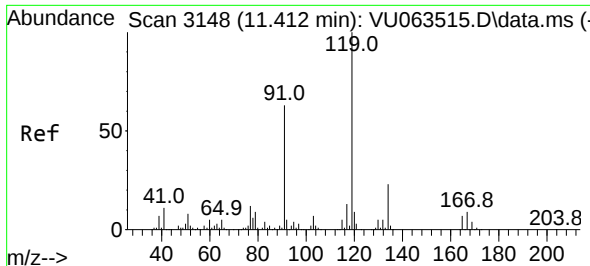
Tgt Ion:126 Resp: 12663

Ion Ratio Lower Upper

126 100

91 338.0 0.0 682.2

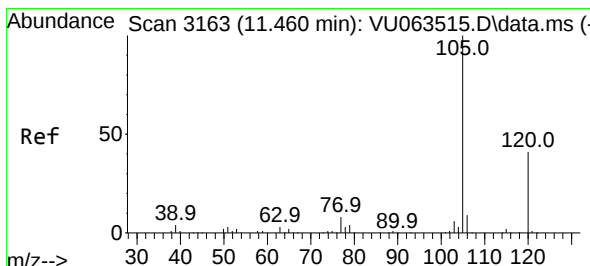
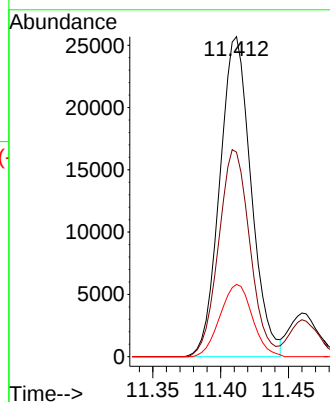
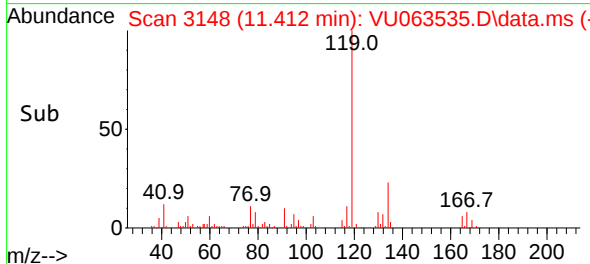
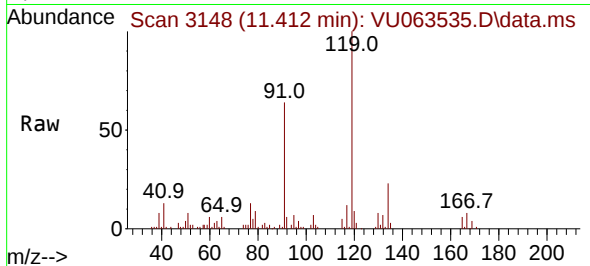




#77
tert-Butylbenzene
Concen: 1.951 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

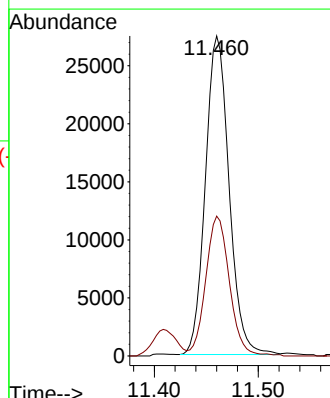
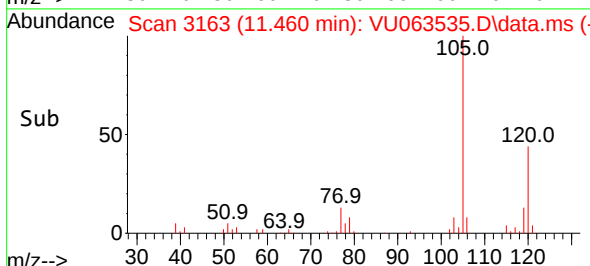
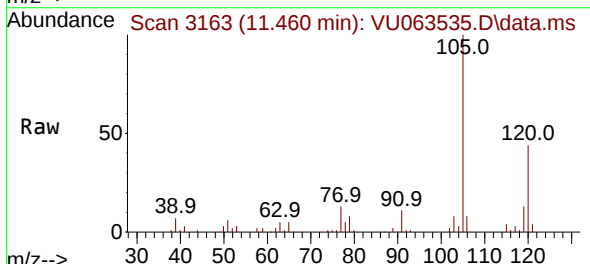
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

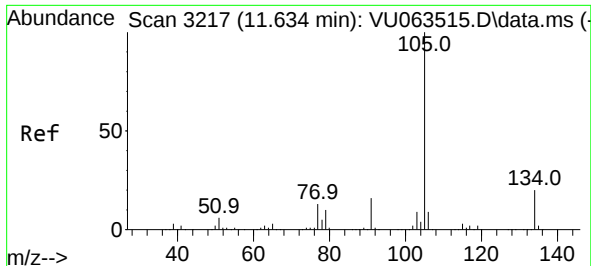
Tgt Ion:	119	Resp:	41361
Ion Ratio	Lower	Upper	
119	100		
91	64.3	30.7	92.1
134	23.1	18.5	27.7



#78
1,2,4-Trimethylbenzene
Concen: 1.977 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion:	105	Resp:	43519
Ion Ratio	Lower	Upper	
105	100		
120	44.0	22.7	68.0





#79

sec-Butylbenzene

Concen: 2.009 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

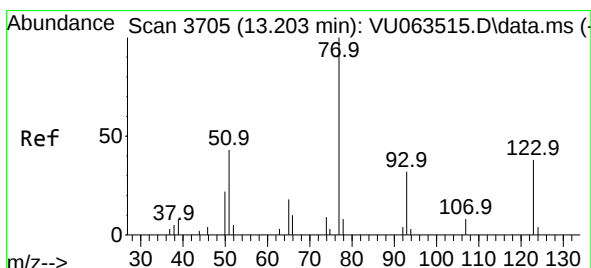
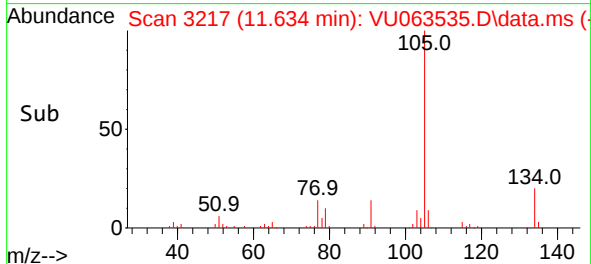
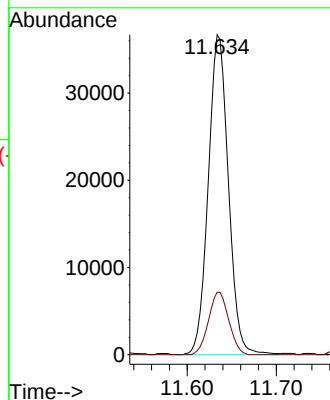
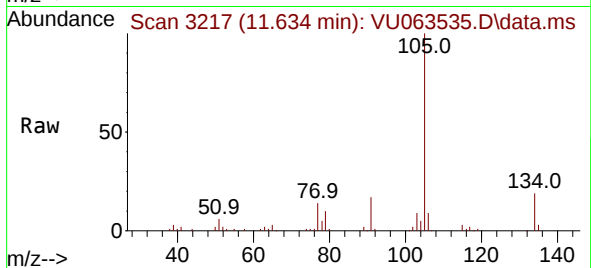
VU0718WBS02

Tgt Ion:105 Resp: 57444

Ion Ratio Lower Upper

105 100

134 19.6 16.2 24.4



#80

Nitrobenzene

Concen: 8.625 ug/l

RT: 13.219 min Scan# 3710

Delta R.T. 0.016 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

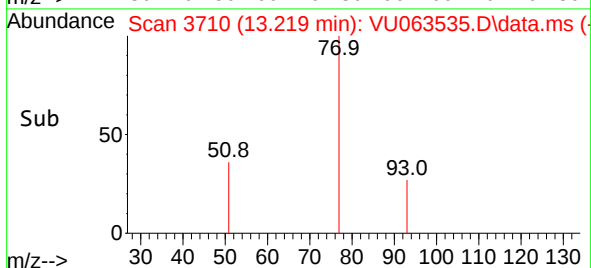
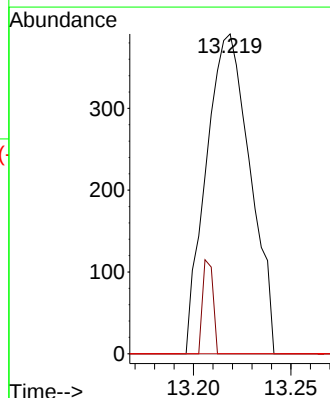
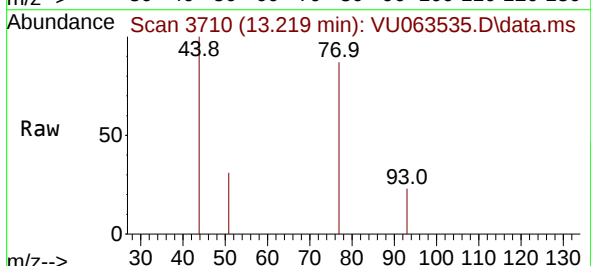
Tgt Ion: 77 Resp: 614

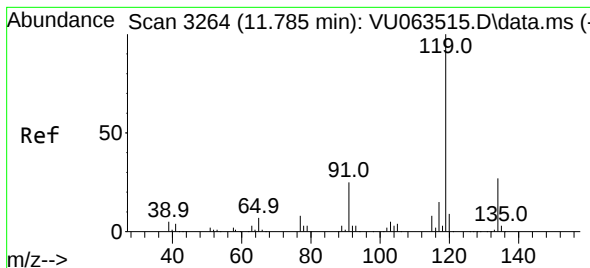
Ion Ratio Lower Upper

77 100

123 7.0 16.9 59.7#

65 0.0 16.5 20.9#





#81

p-Isopropyltoluene

Concen: 1.969 ug/l

RT: 11.785 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBS02

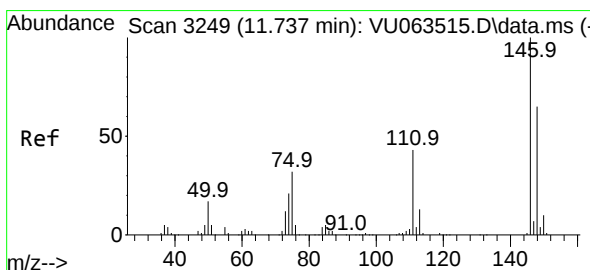
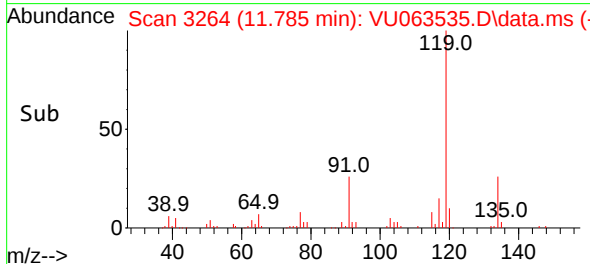
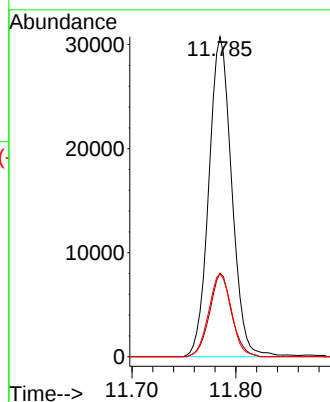
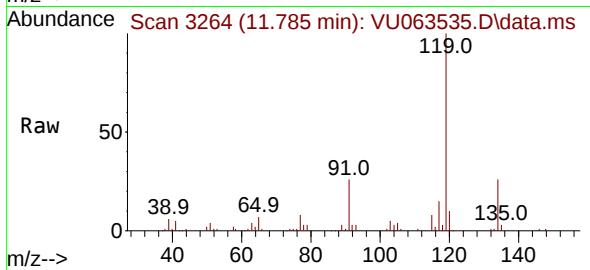
Tgt Ion:119 Resp: 47010

Ion Ratio Lower Upper

119 100

134 25.1 21.1 31.7

91 25.6 19.8 29.8



#82

1,3-Dichlorobenzene

Concen: 1.977 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

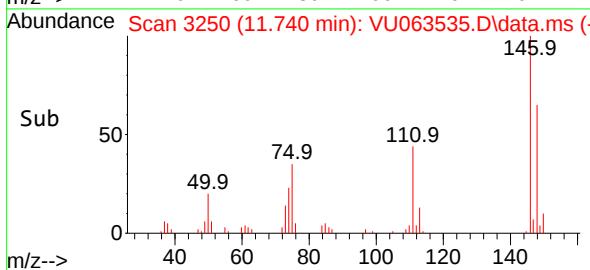
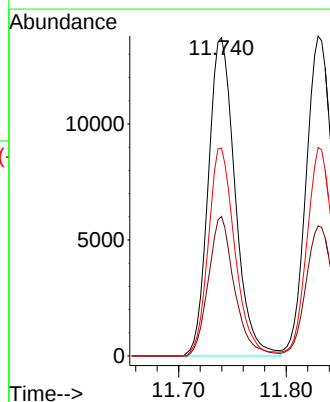
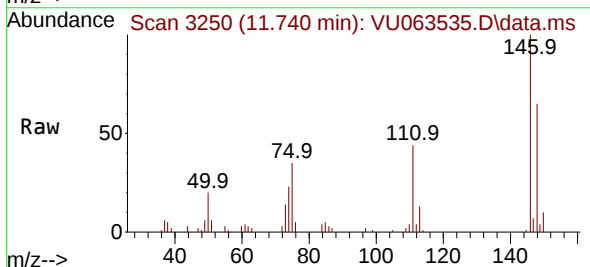
Tgt Ion:146 Resp: 23706

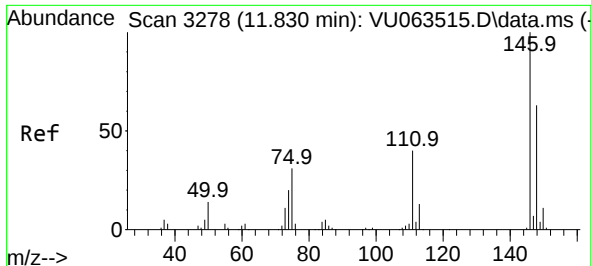
Ion Ratio Lower Upper

146 100

111 42.7 33.8 50.6

148 64.7 51.5 77.3

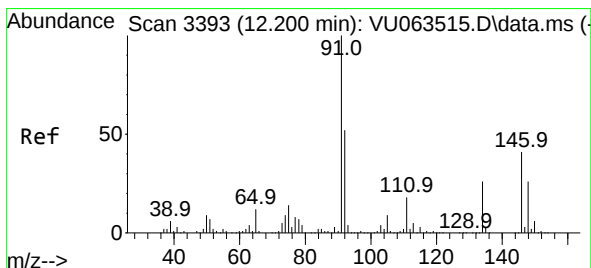
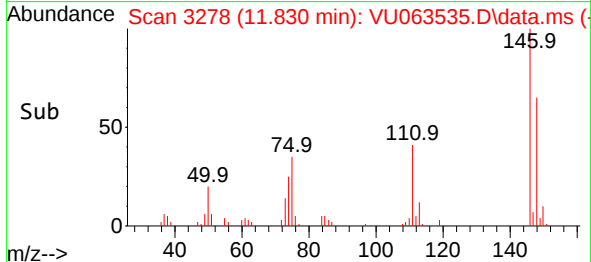
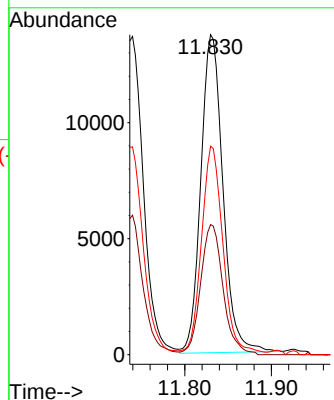
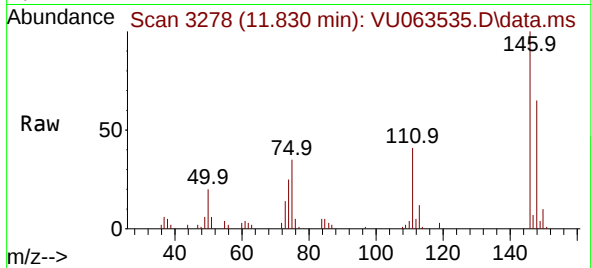




#83
1,4-Dichlorobenzene
Concen: 2.023 ug/l
RT: 11.830 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

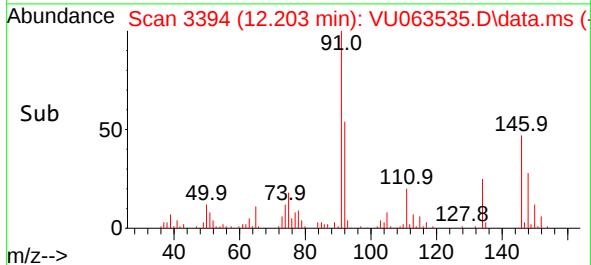
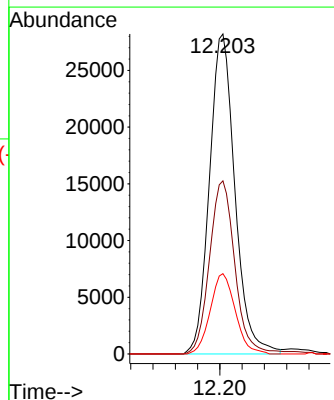
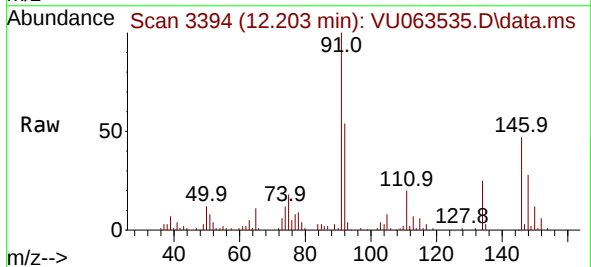
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

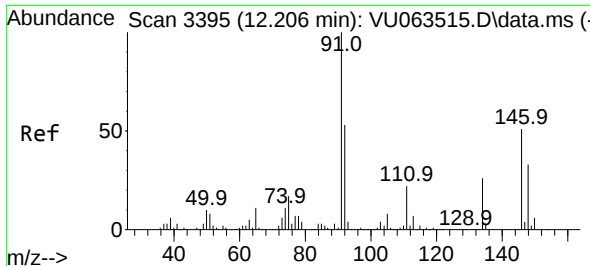
Tgt Ion:146 Resp: 24286
Ion Ratio Lower Upper
146 100
111 41.5 32.0 48.0
148 62.4 50.2 75.2



#84
n-Butylbenzene
Concen: 2.024 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion: 91 Resp: 44796
Ion Ratio Lower Upper
91 100
92 54.4 41.5 62.3
134 24.6 20.6 30.8

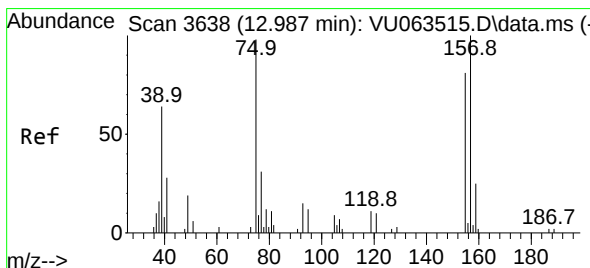
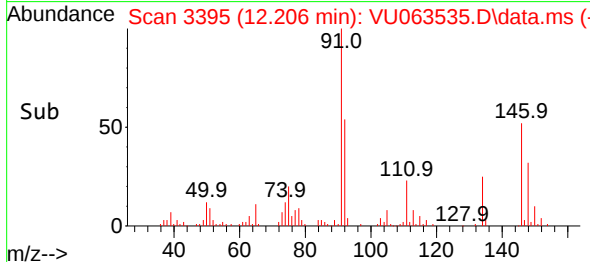
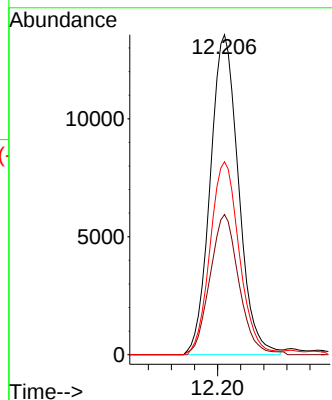
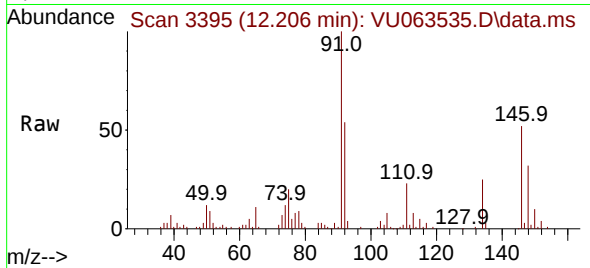




#85
 1,2-Dichlorobenzene
 Concen: 2.048 ug/l
 RT: 12.206 min Scan# 3395
 Delta R.T. -0.000 min
 Lab File: VU063535.D
 Acq: 18 Jul 2025 11:50

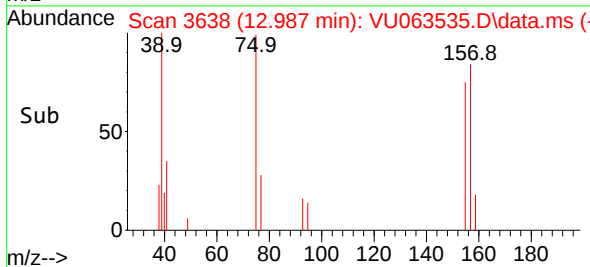
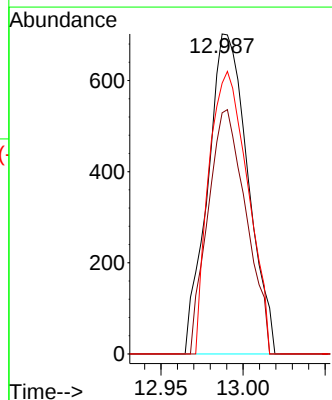
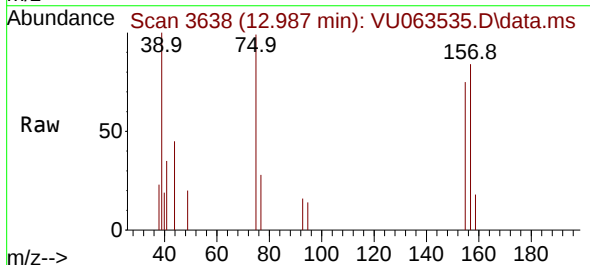
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0718WBS02

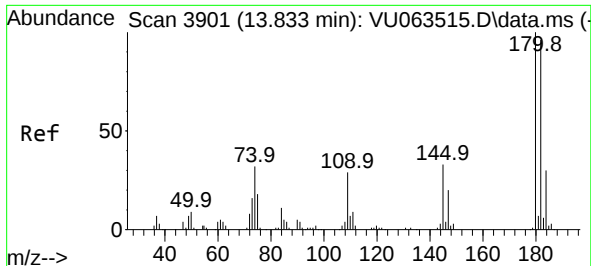
Tgt Ion:146 Resp: 23077
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.7 65.1
 148 62.3 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.944 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. 0.000 min
 Lab File: VU063535.D
 Acq: 18 Jul 2025 11:50

Tgt Ion: 75 Resp: 1197
 Ion Ratio Lower Upper
 75 100
 155 72.5 65.8 98.6
 157 85.3 81.4 122.2

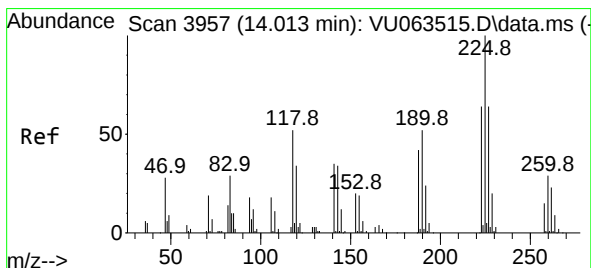
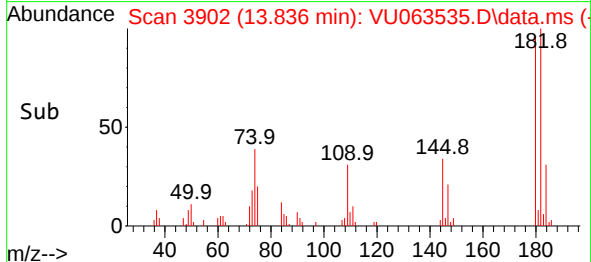
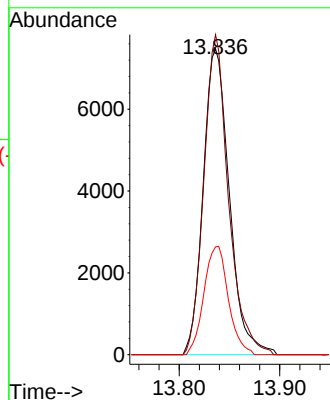
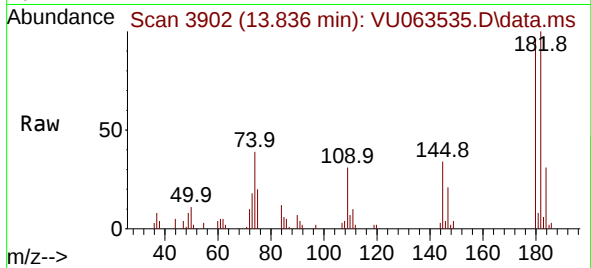




#87
1,2,4-Trichlorobenzene
Concen: 1.929 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

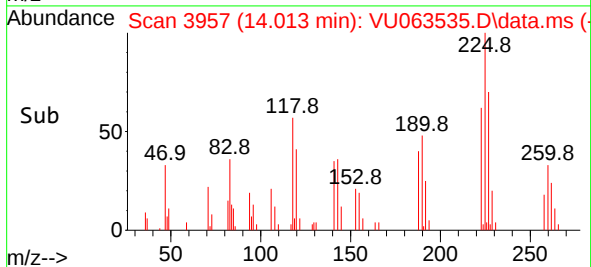
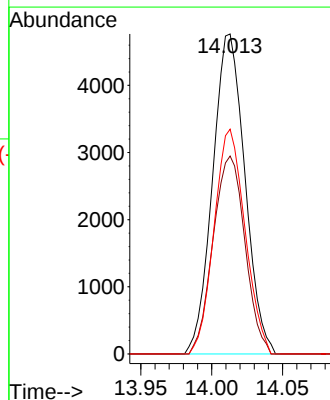
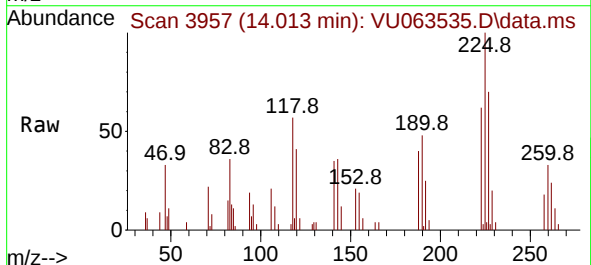
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBS02

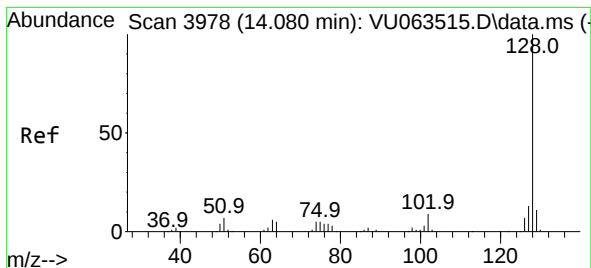
Tgt Ion:180 Resp: 13513
Ion Ratio Lower Upper
180 100
182 98.5 76.2 114.4
145 33.1 26.2 39.2



#88
Hexachlorobutadiene
Concen: 1.894 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063535.D
Acq: 18 Jul 2025 11:50

Tgt Ion:225 Resp: 7537
Ion Ratio Lower Upper
225 100
223 61.2 50.8 76.2
227 67.5 51.0 76.6





#89

Naphthalene

Concen: 2.015 ug/l

RT: 14.084 min Scan# 3978

Delta R.T. 0.004 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBS02

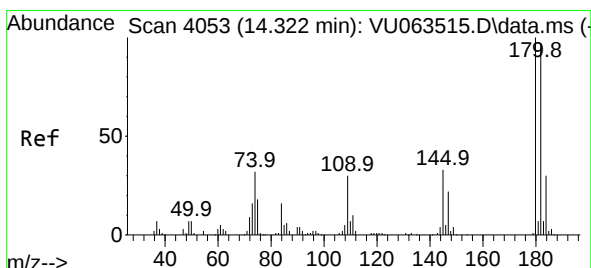
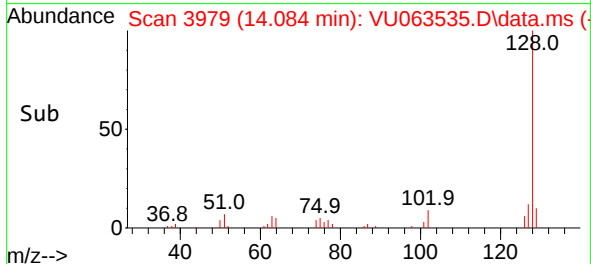
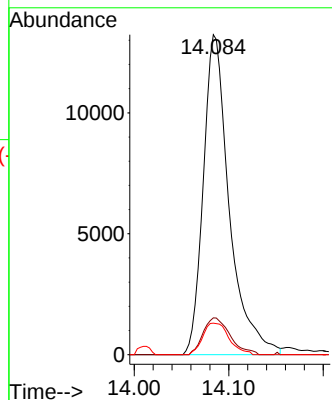
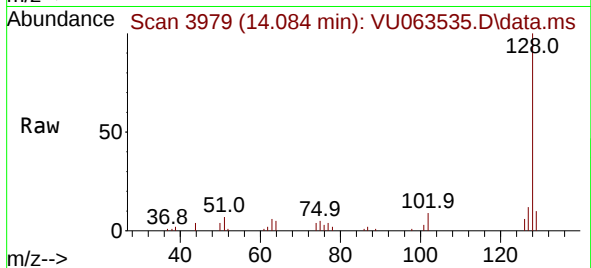
Tgt Ion:128 Resp: 25302

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.4

129 10.0 8.8 13.2



#90

1,2,3-Trichlorobenzene

Concen: 1.983 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063535.D

Acq: 18 Jul 2025 11:50

Tgt Ion:180 Resp: 12842

Ion Ratio Lower Upper

180 100

182 96.7 78.0 117.0

145 33.0 27.3 40.9

