

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
 Data File : VU063478.D
 Acq On : 10 Jul 2025 14:11
 Operator : MD/SY
 Sample : MDL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Quant Time: Jul 11 04:53:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 11 04:42:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	116474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	204271	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	189403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	96138	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	73119	49.203	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.400%
35) Dibromofluoromethane	5.277	113	57442	46.651	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.300%
50) Toluene-d8	7.888	98	183253	45.657	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.320%#
62) 4-Bromofluorobenzene	10.627	95	81949	46.678	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.360%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	446	0.481	ug/l	96
3) Chloromethane	1.518	50	852	0.755	ug/l	89
4) Vinyl Chloride	1.595	62	931	0.744	ug/l #	85
5) Bromomethane	1.846	94	986	1.125	ug/l	88
6) Chloroethane	1.927	64	857	0.945	ug/l #	88
7) Trichlorofluoromethane	2.126	101	1086	0.538	ug/l	93
8) Diethyl Ether	2.367	74	527	0.627	ug/l	70
9) 1,1,2-Trichlorotrifluo...	2.573	101	698	0.585	ug/l #	90
10) Methyl Iodide	2.708	142	983	0.788	ug/l #	77
11) Tert butyl alcohol	3.197	59	2536	5.090	ug/l #	78
12) 1,1-Dichloroethene	2.563	96	1075	0.967	ug/l	80
13) Acrolein	2.470	56	114	1.621	ug/l #	28
14) Allyl chloride	2.911	41	2166	0.819	ug/l #	91
15) Acrylonitrile	3.309	53	3718	3.484	ug/l	90
16) Acetone	2.624	43	7401	5.937	ug/l #	89
17) Carbon Disulfide	2.779	76	2581	0.972	ug/l #	74
18) Methyl Acetate	2.946	43	2882	0.898	ug/l	92
19) Methyl tert-butyl Ether	3.361	73	2543	0.531	ug/l #	85
20) Methylene Chloride	3.029	84	2633	1.449	ug/l #	89
21) trans-1,2-Dichloroethene	3.329	96	1169	0.979	ug/l #	82
22) Diisopropyl ether	3.994	45	2743	0.609	ug/l #	72
23) Vinyl Acetate	3.972	43	7969	2.280	ug/l #	92
24) 1,1-Dichloroethane	3.856	63	1517	0.593	ug/l #	82
25) 2-Butanone	4.746	43	1504	1.075	ug/l	91
26) 2,2-Dichloropropane	4.640	77	570	0.256	ug/l #	52
27) cis-1,2-Dichloroethene	4.660	96	1049	0.666	ug/l	78
28) Bromochloromethane	4.959	49	365	0.304	ug/l #	99
29) Tetrahydrofuran	5.071	42	3450	3.908	ug/l #	75
30) Chloroform	5.078	83	1803	0.668	ug/l	99
31) Cyclohexane	5.361	56	4401	2.142	ug/l #	28
32) 1,1,1-Trichloroethane	5.293	97	1152	0.501	ug/l #	50
36) 1,1-Dichloropropene	5.512	75	471	0.282	ug/l #	69
37) Ethyl Acetate	4.843	43	217	0.080	ug/l #	70
38) Carbon Tetrachloride	5.508	117	1282	0.695	ug/l #	57
39) Methylcyclohexane	6.746	83	1340	0.663	ug/l #	88
40) Benzene	5.766	78	2638	0.505	ug/l	92

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 ClientSampleId :
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Quant Time: Jul 11 04:53:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 11 04:42:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.004	41	480	0.375	ug/l #	52
42) 1,2-Dichloroethane	5.801	62	1330	0.677	ug/l #	76
43) Isopropyl Acetate	5.898	43	168	0.047	ug/l #	61
44) Trichloroethene	6.537	130	899	0.643	ug/l	78
45) 1,2-Dichloropropane	6.782	63	798	0.549	ug/l	91
46) Dibromomethane	6.910	93	664	0.642	ug/l #	78
47) Bromodichloromethane	7.094	83	1052	0.490	ug/l #	86
48) Methyl methacrylate	6.939	41	69	0.041	ug/l #	1
49) 1,4-Dioxane	6.978	88	486	13.314	ug/l #	57
51) 4-Methyl-2-Pentanone	7.795	43	10198	3.915	ug/l	91
52) Toluene	7.968	92	1888	0.552	ug/l	100
53) t-1,3-Dichloropropene	8.213	75	835	0.444	ug/l #	83
54) cis-1,3-Dichloropropene	7.611	75	1052	0.500	ug/l #	72
55) 1,1,2-Trichloroethane	8.396	97	643	0.443	ug/l #	88
56) Ethyl methacrylate	8.344	69	1111	0.475	ug/l #	61
57) 1,3-Dichloropropane	8.566	76	1265	0.529	ug/l	89
59) 2-Hexanone	8.695	43	7843	3.981	ug/l	97
60) Dibromochloromethane	8.804	129	793	0.488	ug/l	99
61) 1,2-Dibromoethane	8.920	107	671	0.471	ug/l #	76
64) Tetrachloroethene	8.550	164	934	0.662	ug/l #	74
65) Chlorobenzene	9.438	112	2639	0.670	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	9.528	131	618	0.457	ug/l #	61
67) Ethyl Benzene	9.566	91	4191	0.619	ug/l #	88
68) m/p-Xylenes	9.698	106	2924	1.131	ug/l	78
69) o-Xylene	10.103	106	1365	0.519	ug/l	87
70) Styrene	10.119	104	2355	0.564	ug/l #	87
71) Bromoform	10.290	173	649	0.551	ug/l #	72
73) Isopropylbenzene	10.476	105	4148	0.634	ug/l	99
74) N-amyl acetate	10.331	43	1189	0.405	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	10.778	83	1404	0.583	ug/l	94
76) 1,2,3-Trichloropropane	10.817	75	1790	0.703	ug/l #	81
77) Bromobenzene	10.782	156	816	0.509	ug/l #	7
78) n-propylbenzene	10.904	91	5263	0.694	ug/l	98
79) 2-Chlorotoluene	10.984	91	3304	0.694	ug/l	97
80) 1,3,5-Trimethylbenzene	11.084	105	3440	0.601	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.624	75	44400	86.927	ug/l #	12
82) 4-Chlorotoluene	11.097	91	4074	0.754	ug/l	89
83) tert-Butylbenzene	11.412	119	3457	0.630	ug/l	89
84) 1,2,4-Trimethylbenzene	11.466	105	3722	0.662	ug/l	96
85) sec-Butylbenzene	11.637	105	4851	0.670	ug/l	97
86) p-Isopropyltoluene	11.788	119	4250	0.724	ug/l	94
87) 1,3-Dichlorobenzene	11.746	146	2245	0.727	ug/l	97
88) 1,4-Dichlorobenzene	11.746	146	2245	0.713	ug/l	97
89) n-Butylbenzene	12.216	91	4902	0.902	ug/l	96
90) Hexachloroethane	12.457	117	548	0.558	ug/l	95
91) 1,2-Dichlorobenzene	12.216	146	2157	0.716	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	13.000	75	291	0.510	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.846	180	1855	0.961	ug/l	90
94) Hexachlorobutadiene	14.019	225	545	0.661	ug/l	93
95) Naphthalene	14.097	128	9124	1.444	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.328	180	1975	1.041	ug/l	96

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ALS Vial : 14 Sample Multiplier: 1

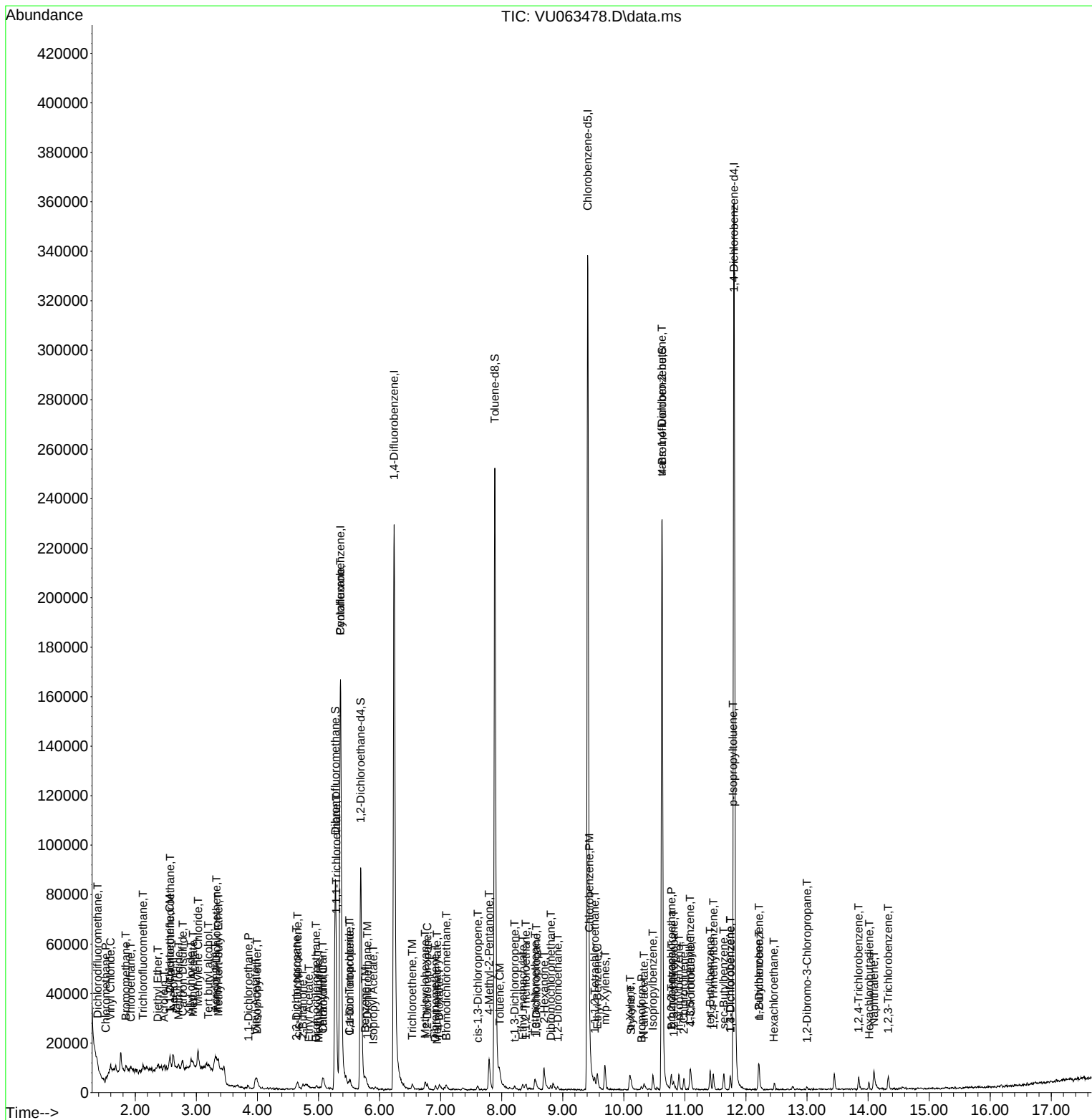
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ClientSampleId :
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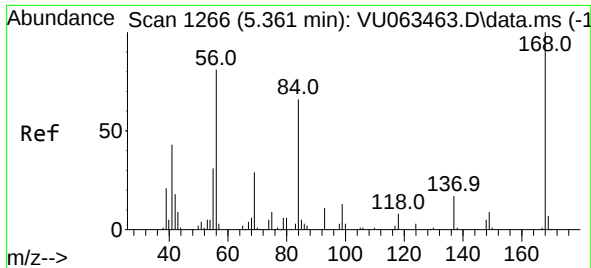
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 11 04:42:35 2025
Response via : Initial Calibration

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

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

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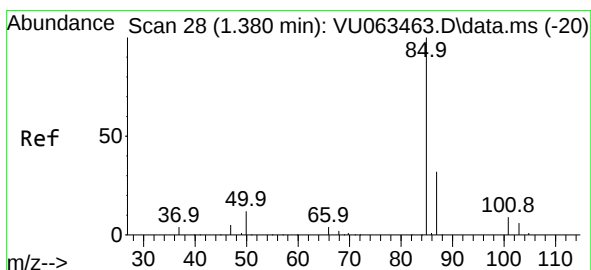
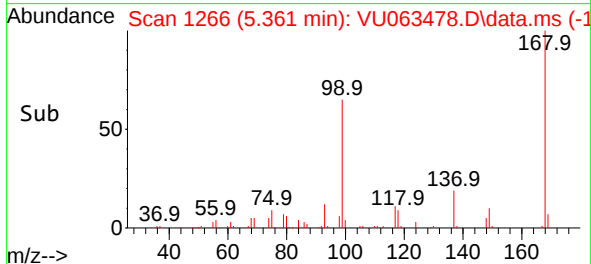
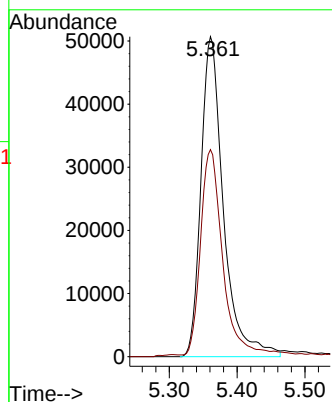
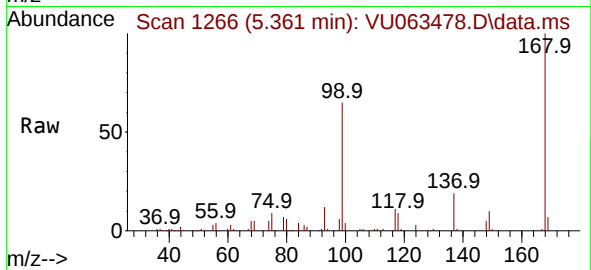




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

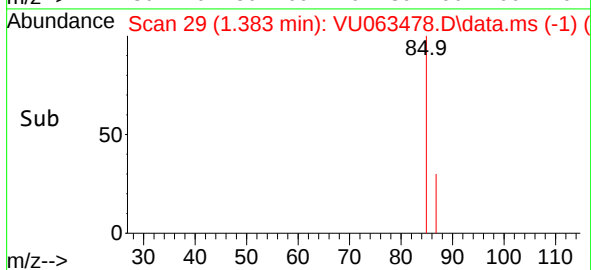
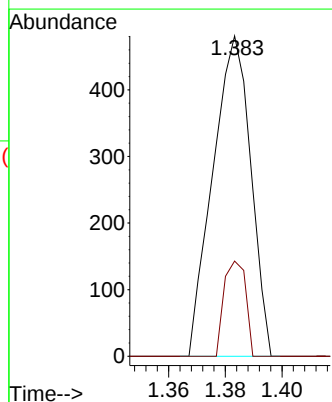
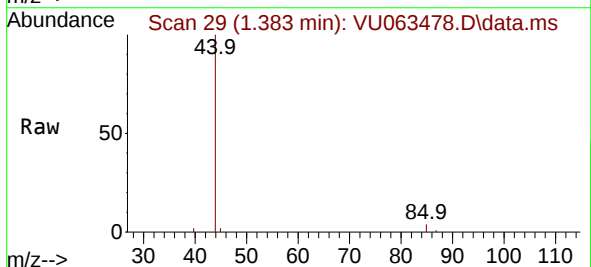
Instrument :
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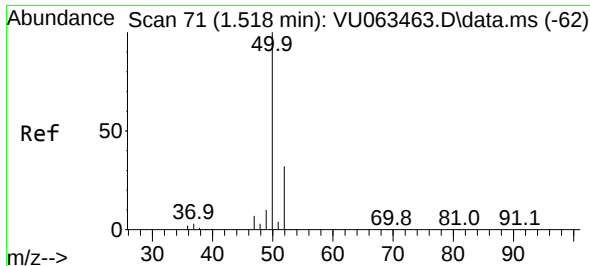
Tgt Ion:168 Resp: 116474
Ion Ratio Lower Upper
168 100
99 64.2 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 0.481 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 85 Resp: 446
Ion Ratio Lower Upper
85 100
87 29.7 16.1 48.2

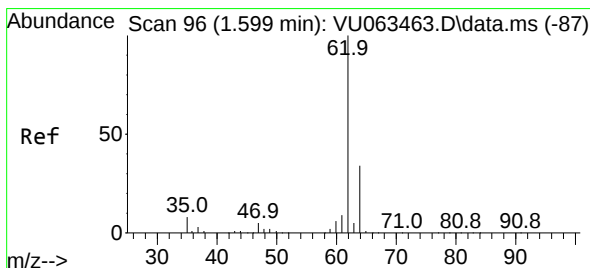
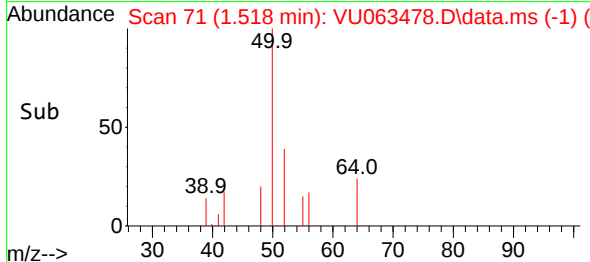
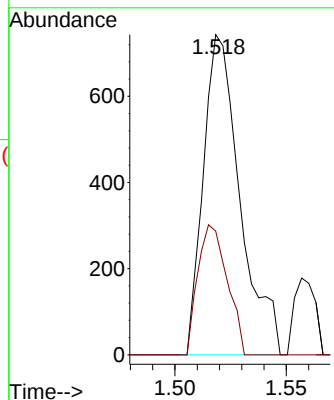
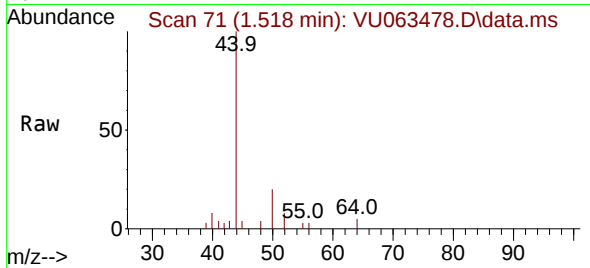




#3
Chloromethane
Concen: 0.755 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

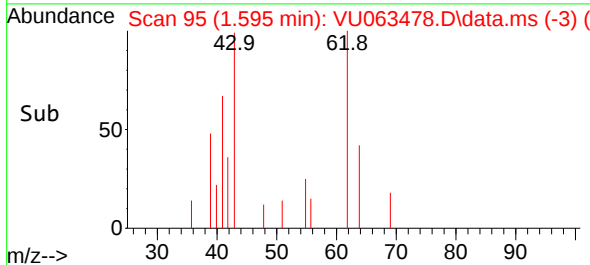
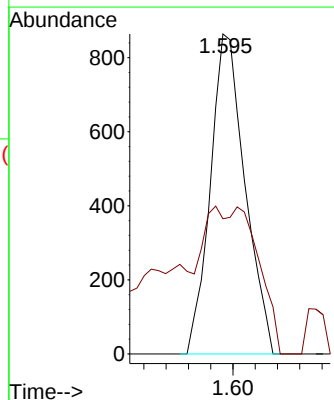
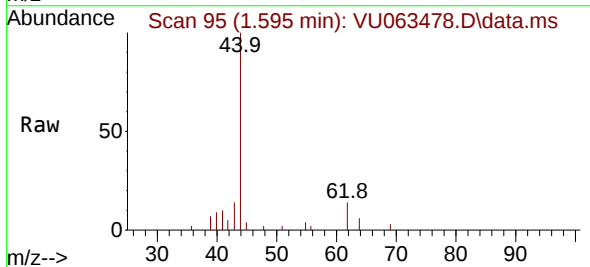
Instrument :
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ClientSampleId :
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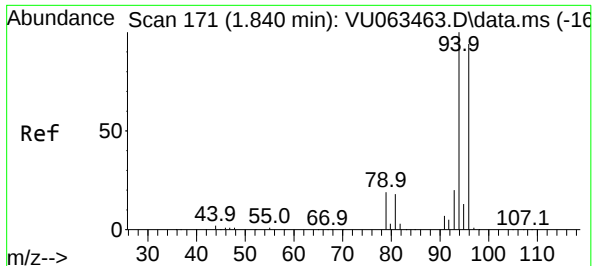
Tgt Ion: 50 Resp: 852
Ion Ratio Lower Upper
50 100
52 38.6 25.8 38.8



#4
Vinyl Chloride
Concen: 0.744 ug/l
RT: 1.595 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 62 Resp: 931
Ion Ratio Lower Upper
62 100
64 42.2 26.9 40.3#

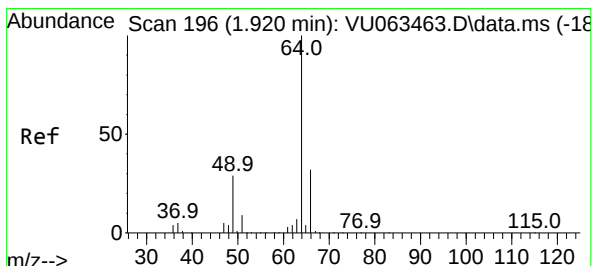
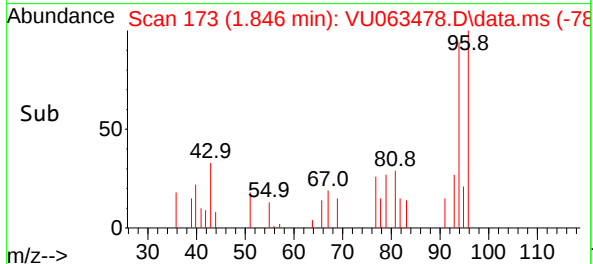
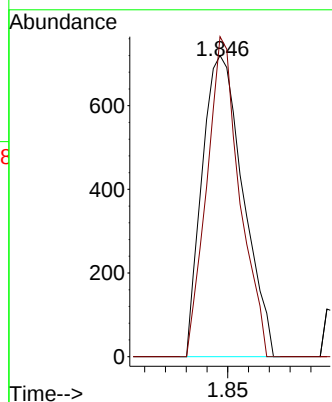
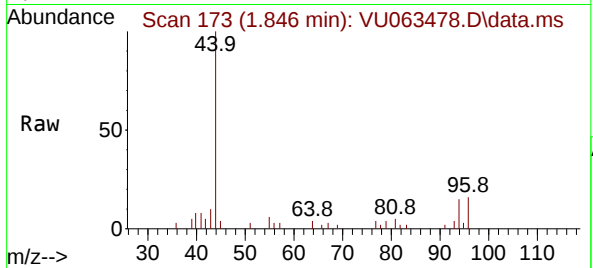




#5
Bromomethane
Concen: 1.125 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

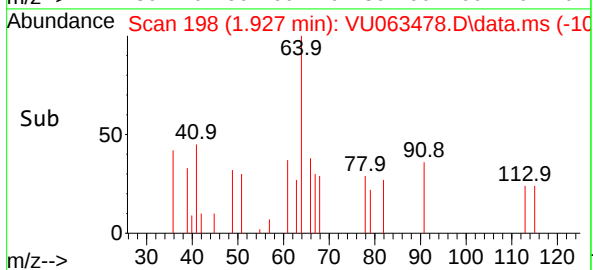
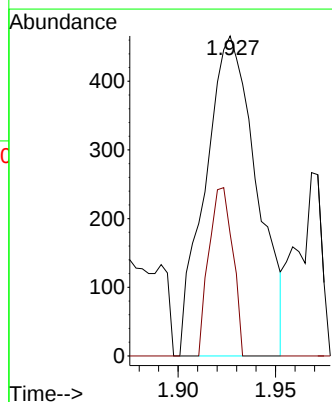
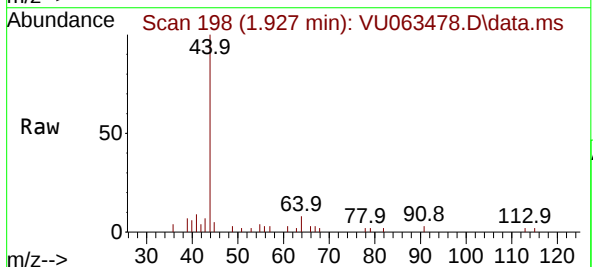
Instrument :
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Tgt Ion: 94 Resp: 986
Ion Ratio Lower Upper
94 100
96 106.3 75.5 113.3



#6
Chloroethane
Concen: 0.945 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.007 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 64 Resp: 857
Ion Ratio Lower Upper
64 100
66 38.2 25.3 37.9#

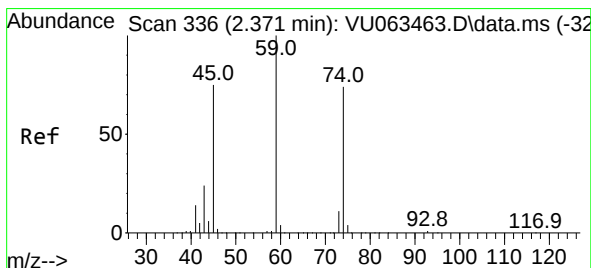
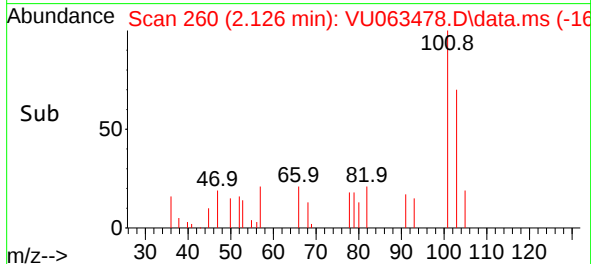
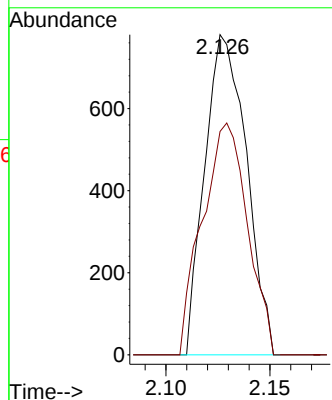
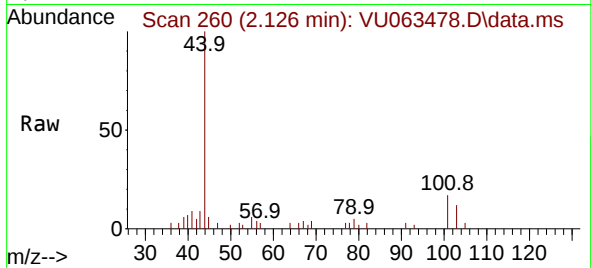




#7
 Trichlorofluoromethane
 Concen: 0.538 ug/l
 RT: 2.126 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

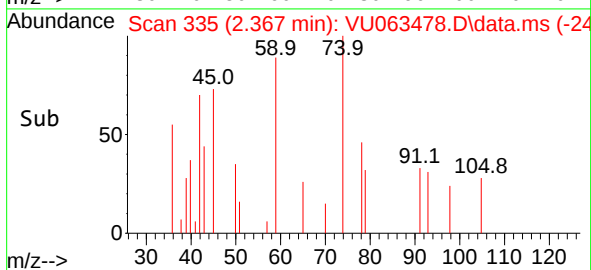
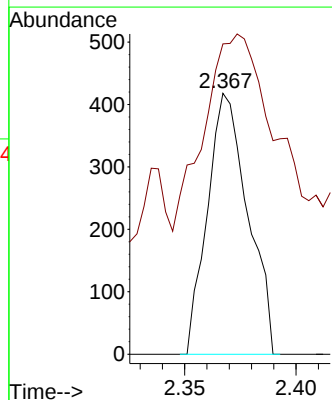
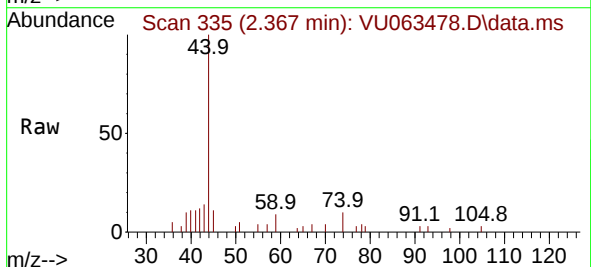
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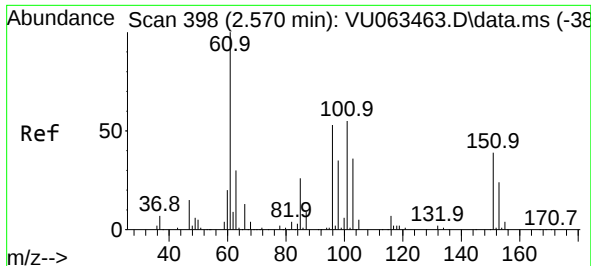
Tgt Ion:101 Resp: 1086
 Ion Ratio Lower Upper
 101 100
 103 69.7 51.1 76.7



#8
 Diethyl Ether
 Concen: 0.627 ug/l
 RT: 2.367 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

Tgt Ion: 74 Resp: 527
 Ion Ratio Lower Upper
 74 100
 45 129.2 49.7 149.1

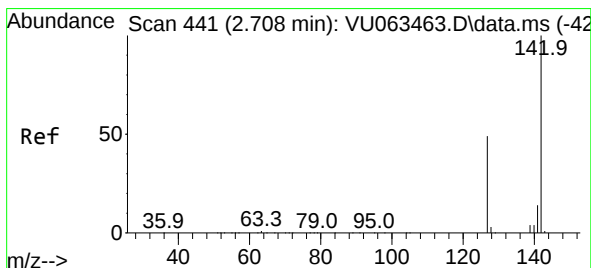
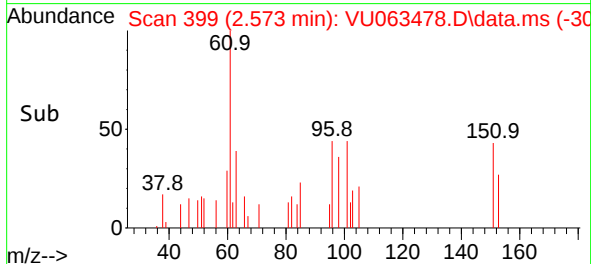
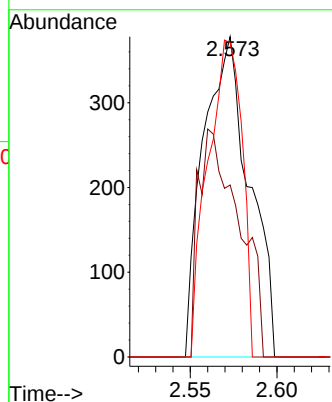
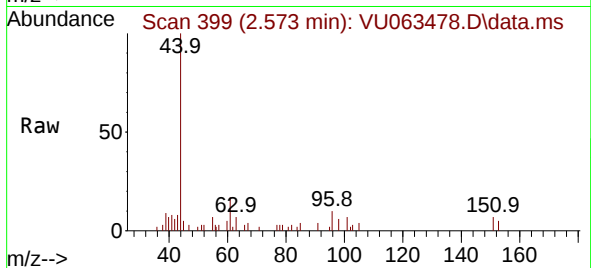




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.585 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU063478.D
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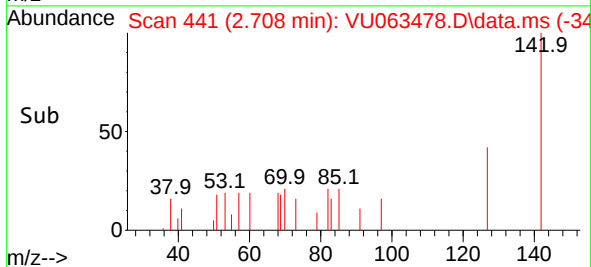
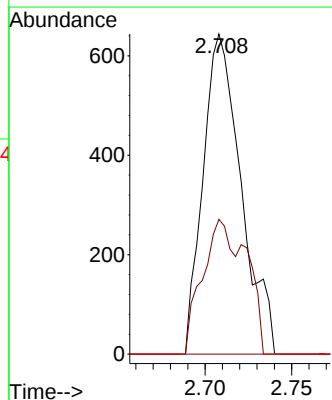
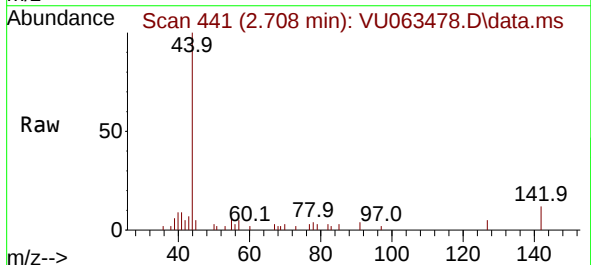
Instrument :
MSVOA_U
ClientSampleId :
MDL01

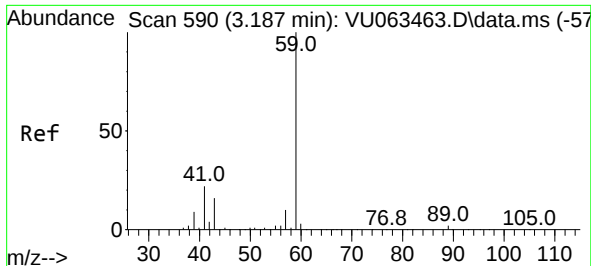
Tgt Ion:101 Resp: 698
Ion Ratio Lower Upper
101 100
85 62.9 39.6 59.4#
151 73.8 57.2 85.8



#10
Methyl Iodide
Concen: 0.788 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion:142 Resp: 983
Ion Ratio Lower Upper
142 100
127 34.2 38.2 57.4#
141 0.0 11.1 16.7#





#11

Tert butyl alcohol

Concen: 5.090 ug/l

RT: 3.197 min Scan# 590

Delta R.T. 0.009 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

Instrument :

MSVOA_U

ClientSampleId :

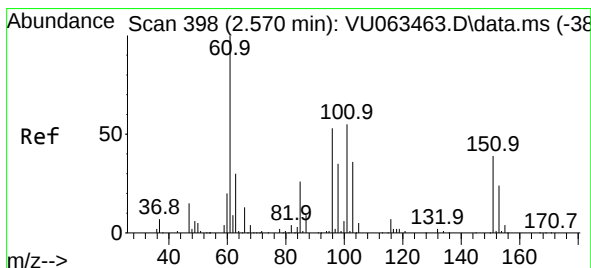
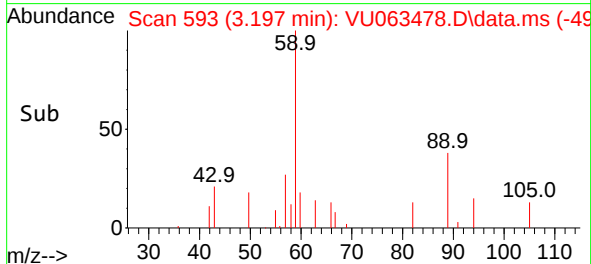
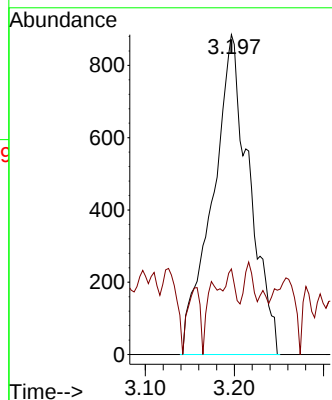
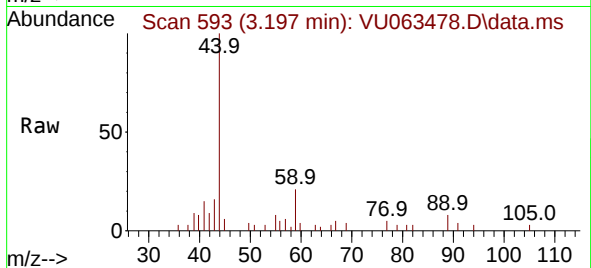
MDL01

Tgt Ion: 59 Resp: 2536

Ion Ratio Lower Upper

59 100

57 2.6 8.8 13.2#



#12

1,1-Dichloroethene

Concen: 0.967 ug/l

RT: 2.563 min Scan# 396

Delta R.T. -0.007 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

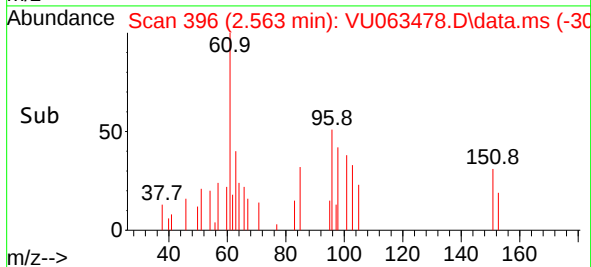
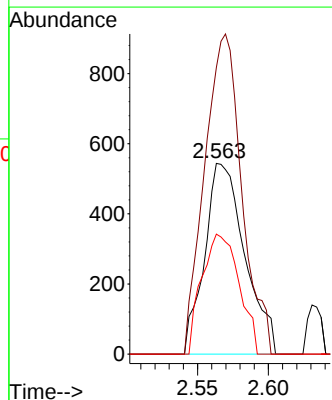
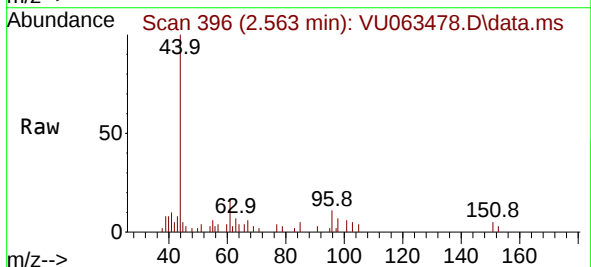
Tgt Ion: 96 Resp: 1075

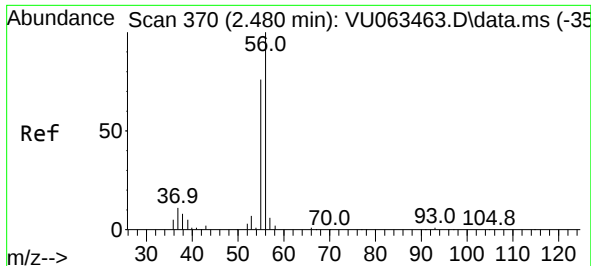
Ion Ratio Lower Upper

96 100

61 150.2 149.6 224.4

98 62.9 52.0 78.0





#13

Acrolein

Concen: 1.621 ug/l

RT: 2.470 min Scan# 3

Delta R.T. -0.010 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

Instrument :

MSVOA_U

ClientSampleId :

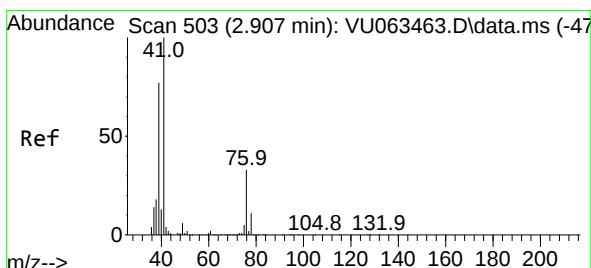
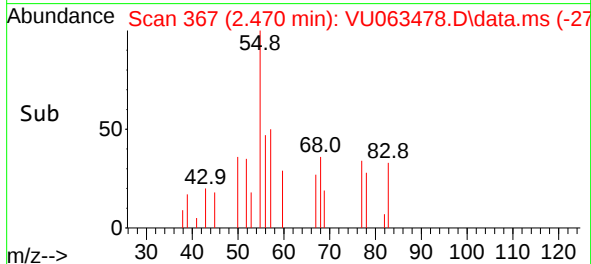
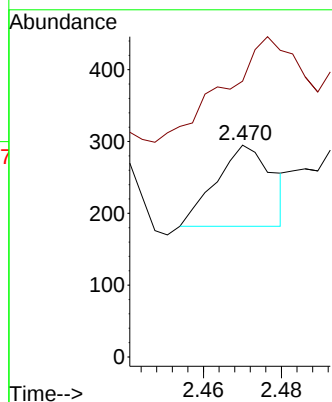
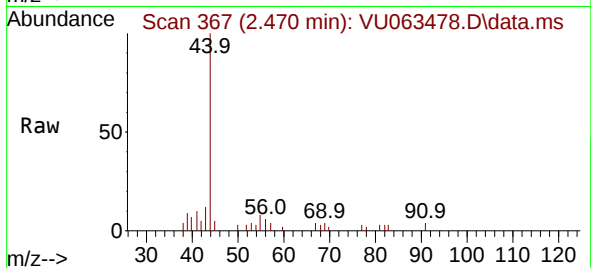
MDL01

Tgt Ion: 56 Resp: 114

Ion Ratio Lower Upper

56 100

55 136.8 60.2 90.2#



#14

Allyl chloride

Concen: 0.819 ug/l

RT: 2.911 min Scan# 504

Delta R.T. 0.003 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

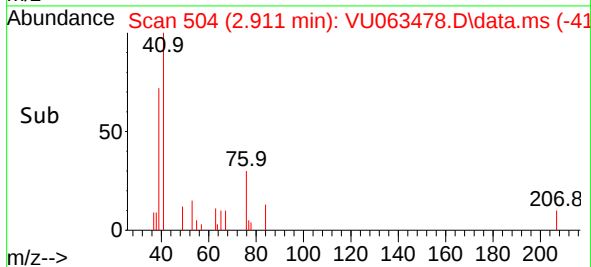
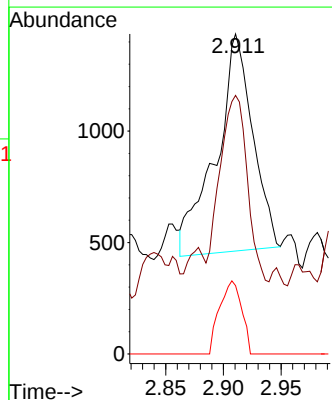
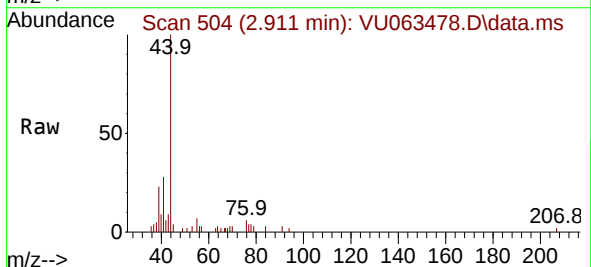
Tgt Ion: 41 Resp: 2166

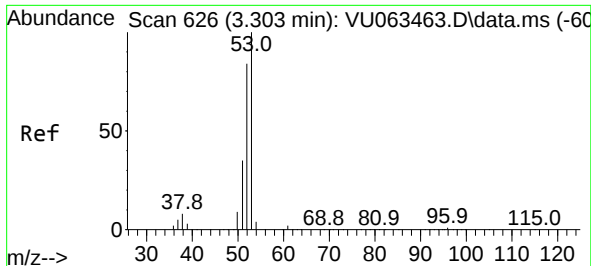
Ion Ratio Lower Upper

41 100

39 63.0 53.9 80.9

76 20.1 23.1 34.7#

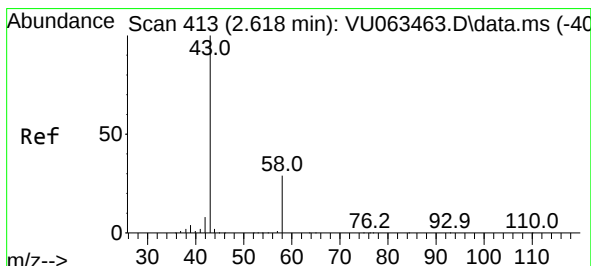
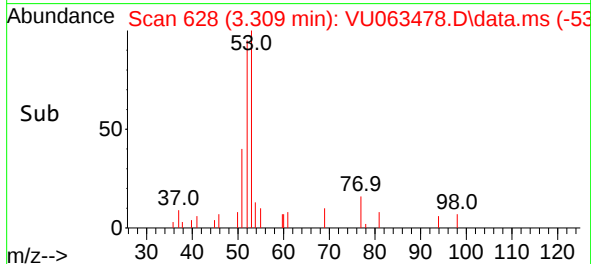
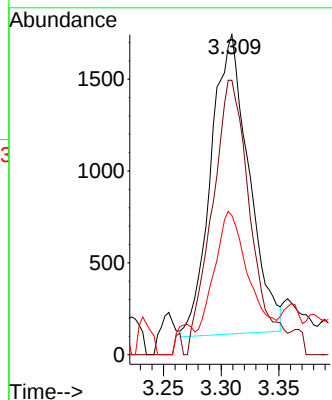
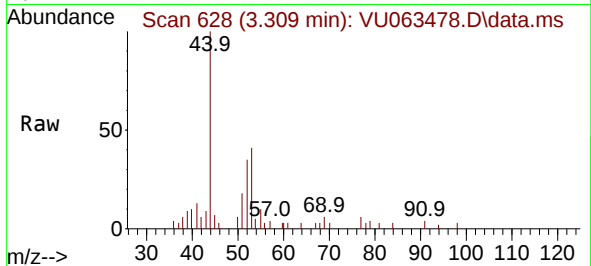




#15
Acrylonitrile
Concen: 3.484 ug/l
RT: 3.309 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

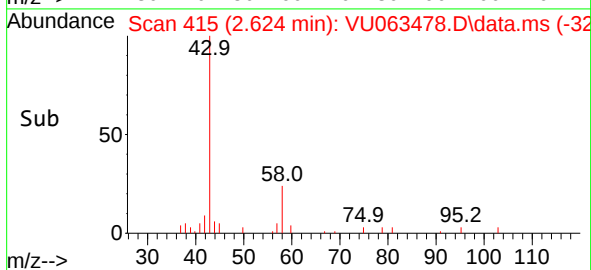
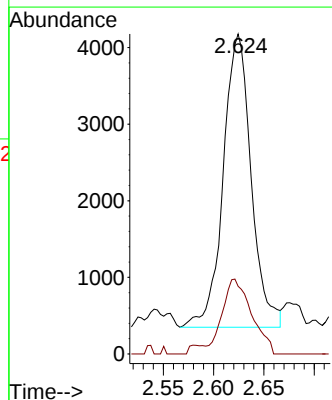
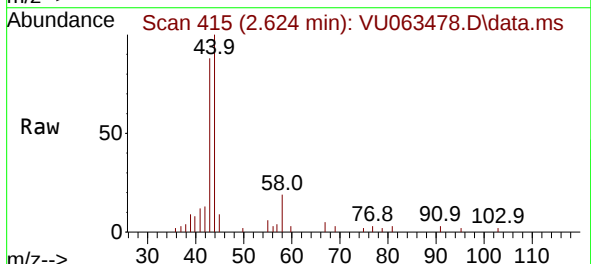
Instrument :
MSVOA_U
ClientSampleId :
MDL01

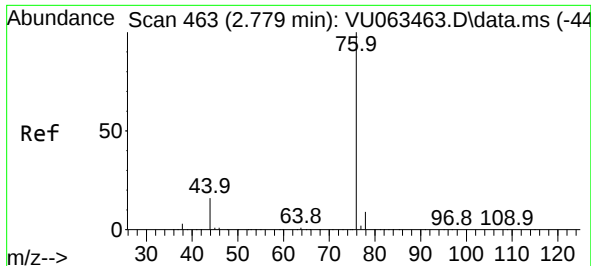
Tgt Ion: 53 Resp: 3718
Ion Ratio Lower Upper
53 100
52 93.0 65.0 97.4
51 33.8 28.8 43.2



#16
Acetone
Concen: 5.937 ug/l
RT: 2.624 min Scan# 415
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 43 Resp: 7401
Ion Ratio Lower Upper
43 100
58 23.1 23.1 34.7#

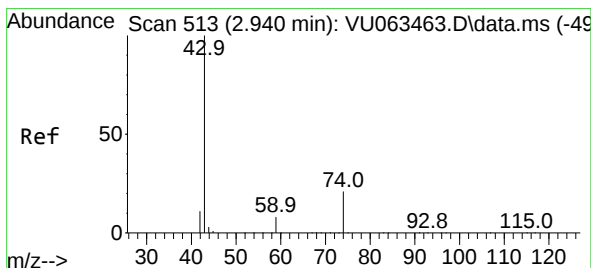
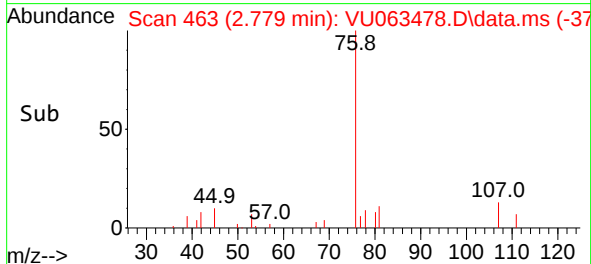
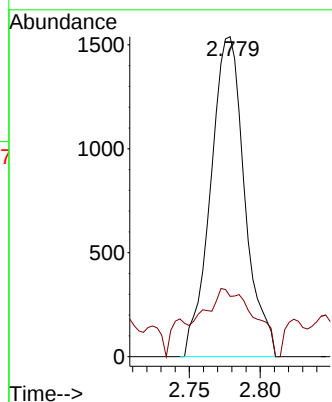
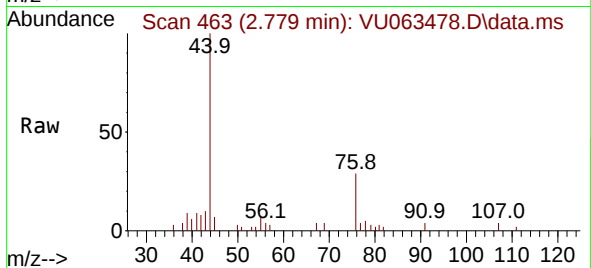




#17
Carbon Disulfide
Concen: 0.972 ug/l
RT: 2.779 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

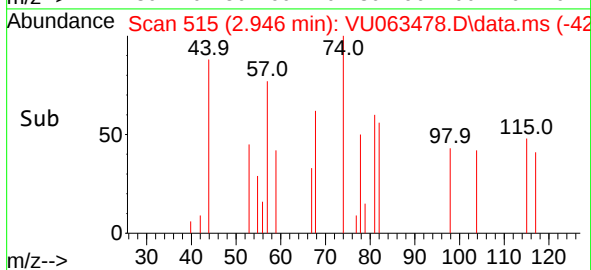
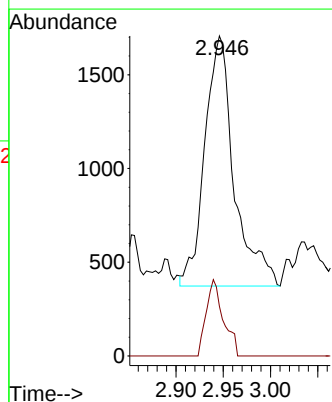
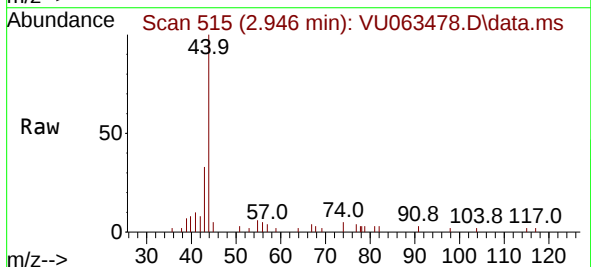
Instrument :
MSVOA_U
ClientSampleId :
MDL01

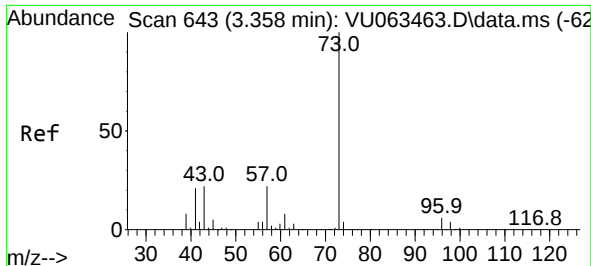
Tgt Ion: 76 Resp: 2581
Ion Ratio Lower Upper
76 100
78 18.8 7.5 11.3#



#18
Methyl Acetate
Concen: 0.898 ug/l
RT: 2.946 min Scan# 515
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 43 Resp: 2882
Ion Ratio Lower Upper
43 100
74 17.8 17.3 25.9

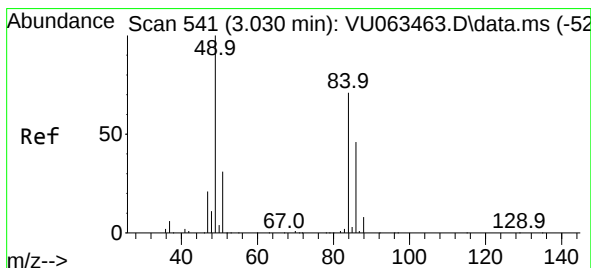
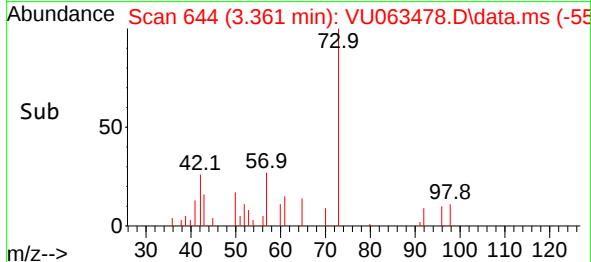
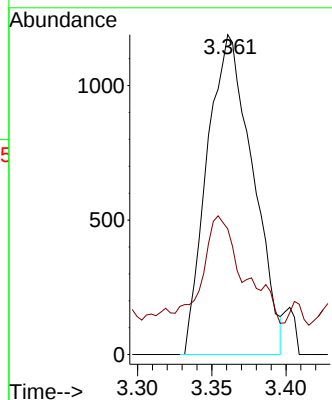
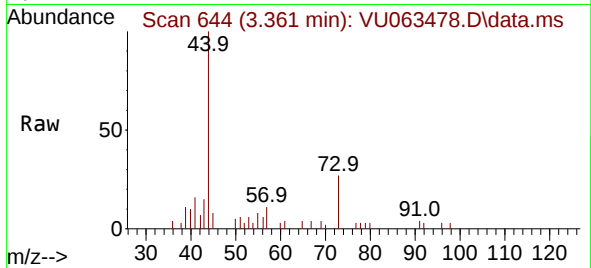




#19
Methyl tert-butyl Ether
Concen: 0.531 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

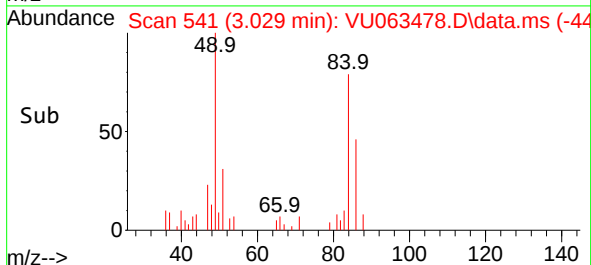
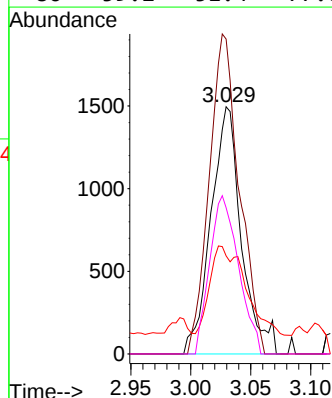
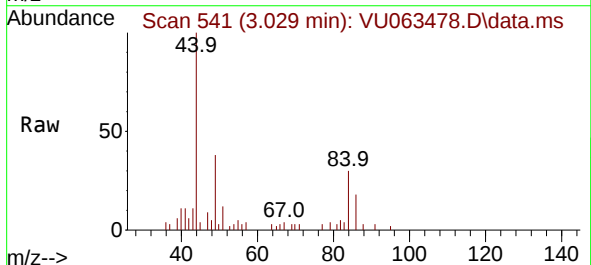
Instrument :
MSVOA_U
ClientSampleId :
MDL01

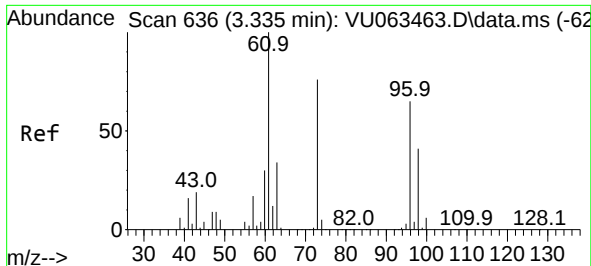
Tgt Ion: 73 Resp: 2543
Ion Ratio Lower Upper
73 100
57 29.5 17.8 26.6#



#20
Methylene Chloride
Concen: 1.449 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.001 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 84 Resp: 2633
Ion Ratio Lower Upper
84 100
49 127.3 112.1 168.1
51 31.4 34.4 51.6#
86 59.2 51.4 77.0

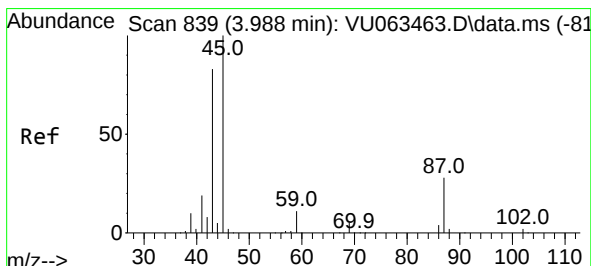
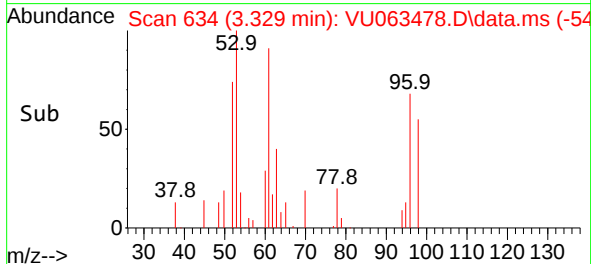
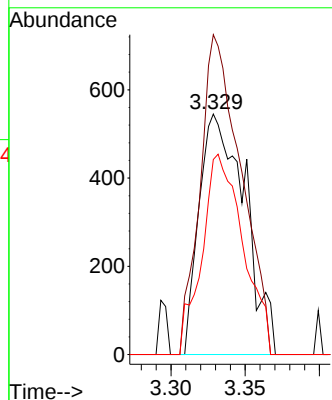
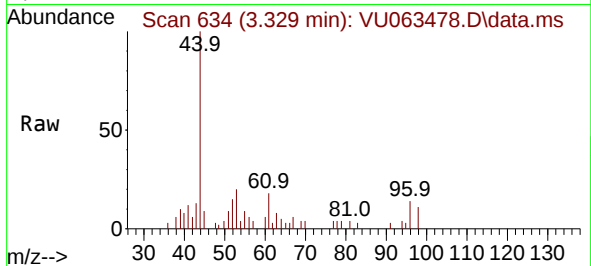




#21
trans-1,2-Dichloroethene
Concen: 0.979 ug/l
RT: 3.329 min Scan# 611
Delta R.T. -0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

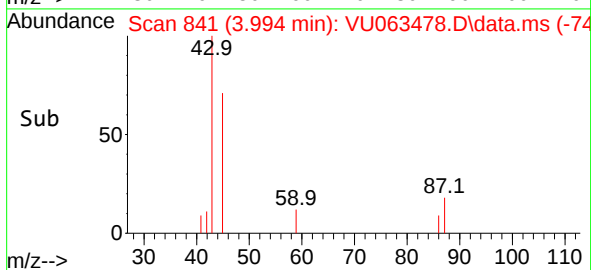
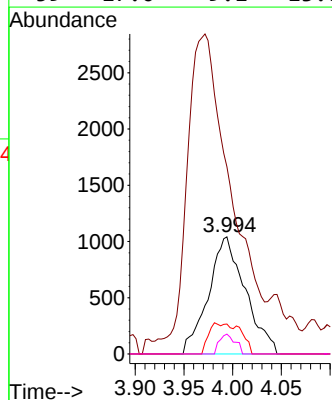
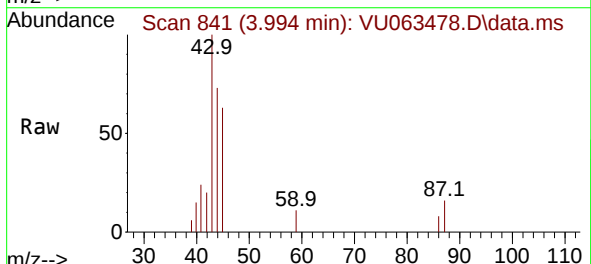
Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 96 Resp: 1169
Ion Ratio Lower Upper
96 100
61 133.0 122.2 183.4
98 81.1 49.9 74.9#



#22
Diisopropyl ether
Concen: 0.609 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 45 Resp: 2743
Ion Ratio Lower Upper
45 100
43 116.9 66.5 99.7#
87 25.5 22.6 33.8
59 17.0 9.1 13.7#

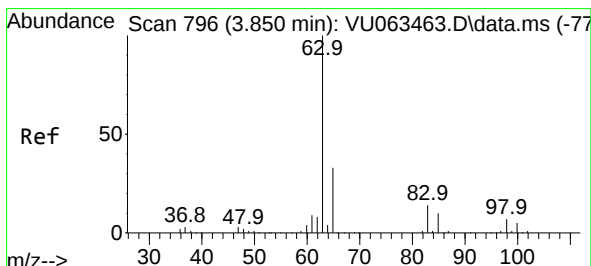
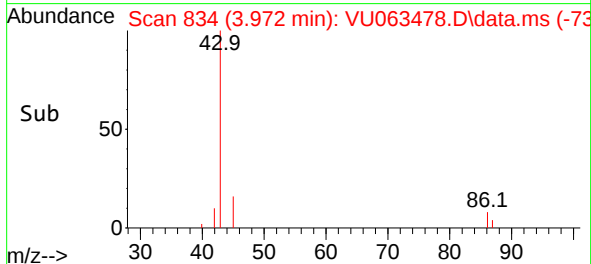
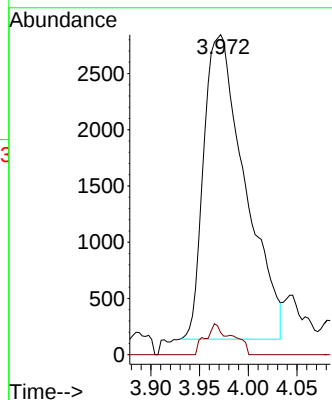
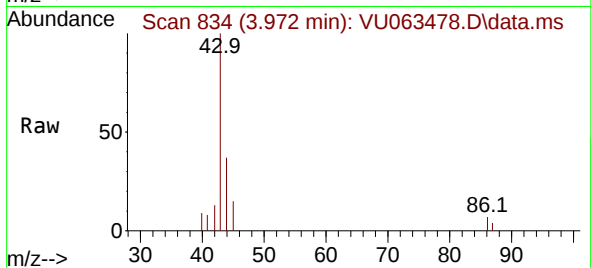




#23
 Vinyl Acetate
 Concen: 2.280 ug/l
 RT: 3.972 min Scan# 81
 Delta R.T. 0.026 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

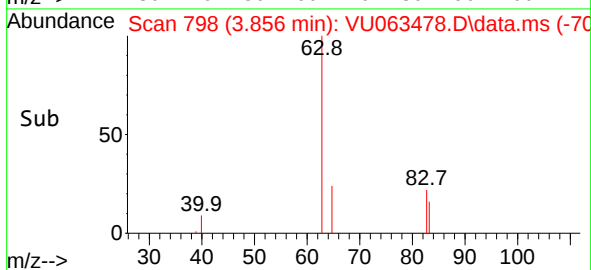
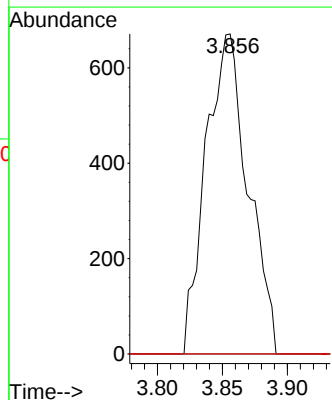
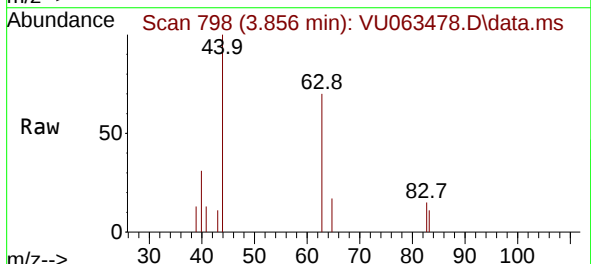
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

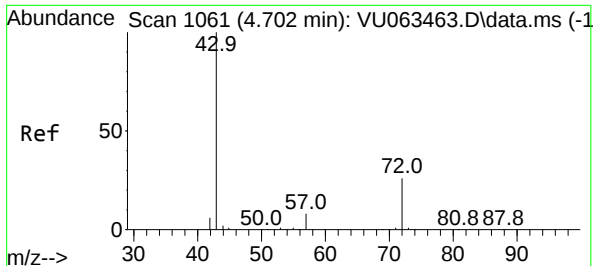
Tgt Ion: 43 Resp: 7969
 Ion Ratio Lower Upper
 43 100
 86 7.3 8.2 12.2#



#24
 1,1-Dichloroethane
 Concen: 0.593 ug/l
 RT: 3.856 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

Tgt Ion: 63 Resp: 1517
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.3 6.8#

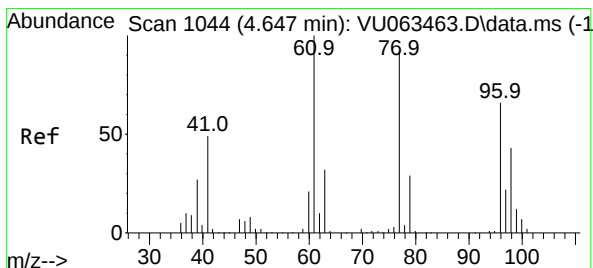
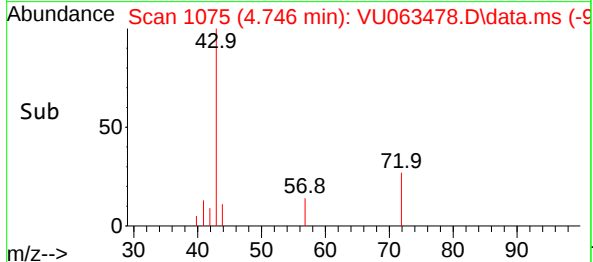
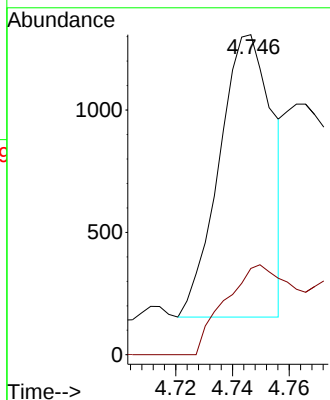
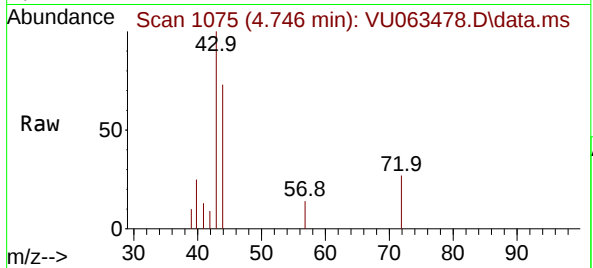




#25
2-Butanone
Concen: 1.075 ug/l
RT: 4.746 min Scan# 1075
Delta R.T. 0.045 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

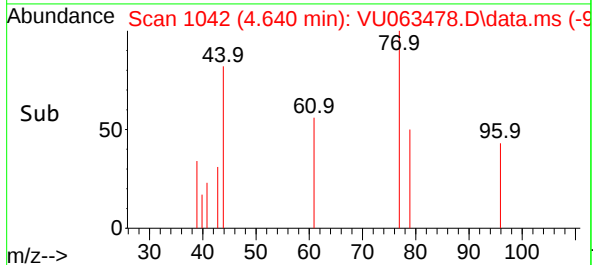
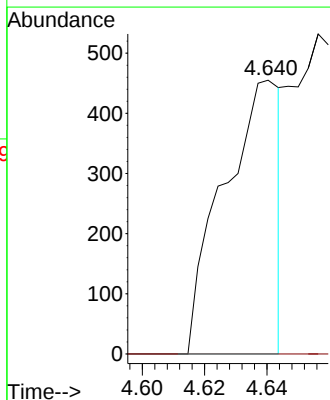
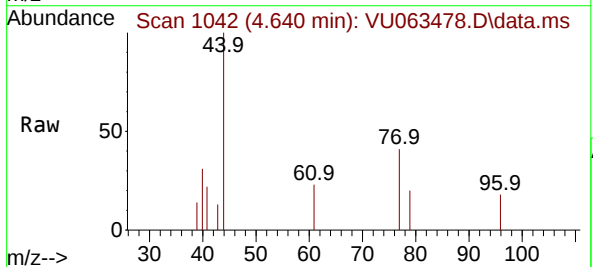
Instrument :
MSVOA_U
ClientSampleId :
MDL01

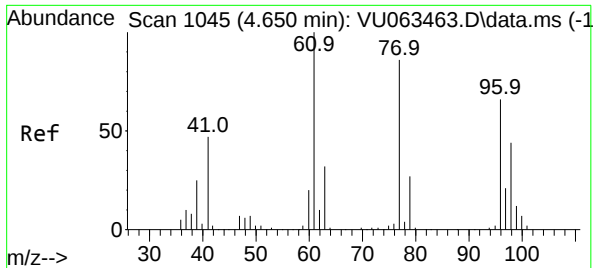
Tgt Ion: 43 Resp: 1504
Ion Ratio Lower Upper
43 100
72 30.6 20.7 31.1



#26
2,2-Dichloropropane
Concen: 0.256 ug/l
RT: 4.640 min Scan# 1042
Delta R.T. -0.007 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 77 Resp: 570
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.3#

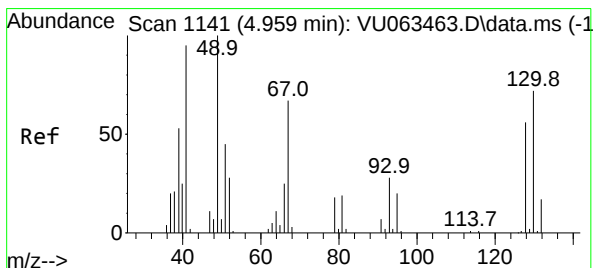
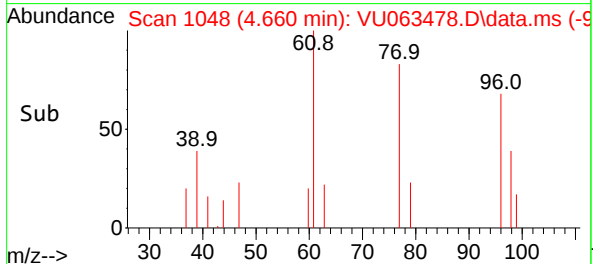
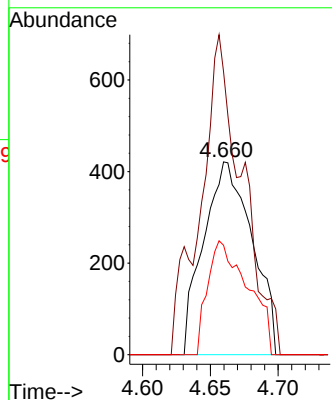
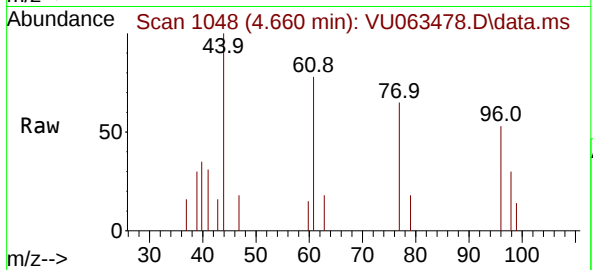




#27
 cis-1,2-Dichloroethene
 Concen: 0.666 ug/l
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.009 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

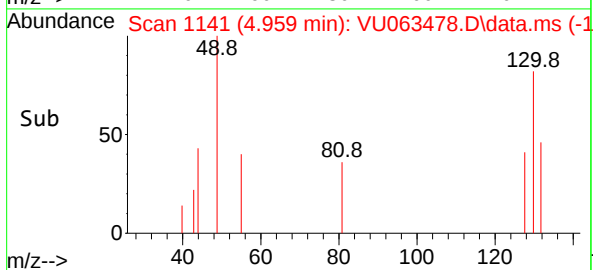
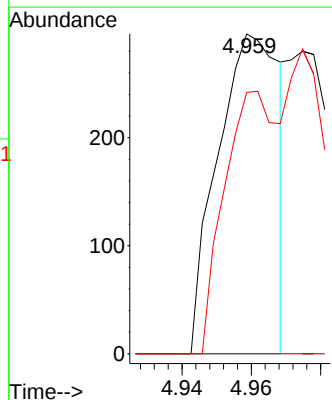
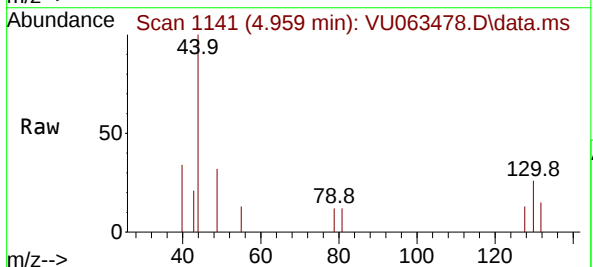
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

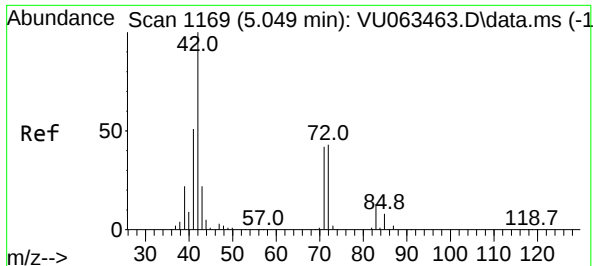
Tgt Ion: 96 Resp: 1049
 Ion Ratio Lower Upper
 96 100
 61 125.3 0.0 307.2
 98 49.0 0.0 133.0



#28
 Bromochloromethane
 Concen: 0.304 ug/l
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.000 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

Tgt Ion: 49 Resp: 365
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 72.6 59.0 88.4





#29

Tetrahydrofuran

Concen: 3.908 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.022 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

Instrument :

MSVOA_U

ClientSampleId :

MDL01

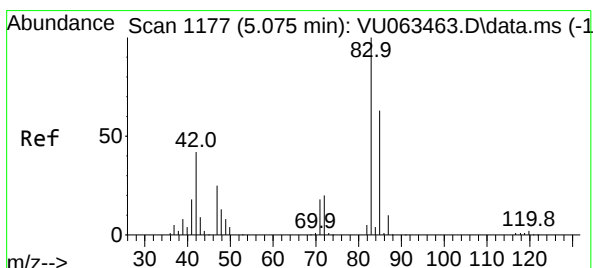
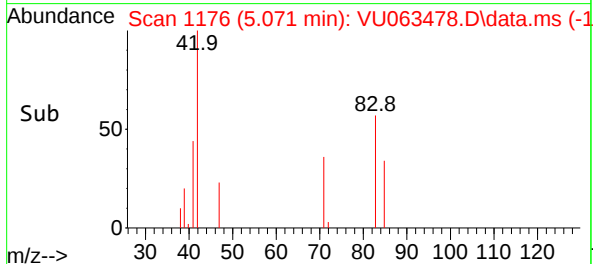
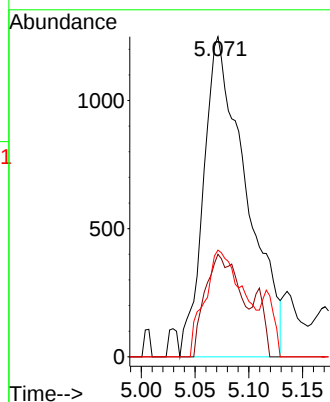
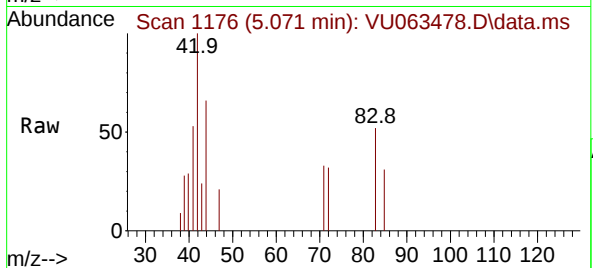
Tgt Ion: 42 Resp: 3450

Ion Ratio Lower Upper

42 100

72 25.5 36.2 54.4#

71 29.4 33.3 49.9#



#30

Chloroform

Concen: 0.668 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU063478.D

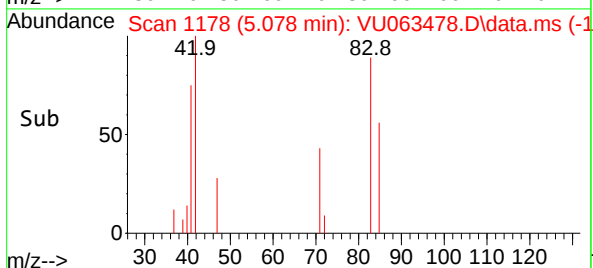
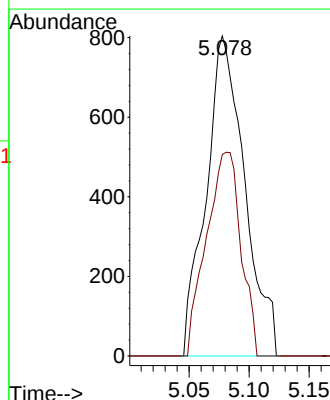
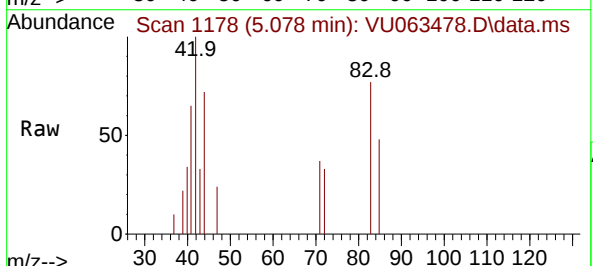
Acq: 10 Jul 2025 14:11

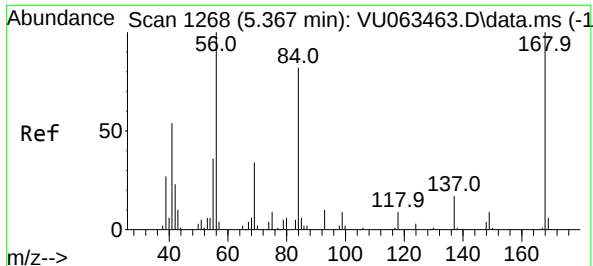
Tgt Ion: 83 Resp: 1803

Ion Ratio Lower Upper

83 100

85 62.9 50.7 76.1

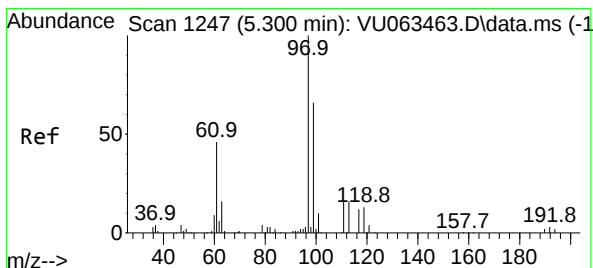
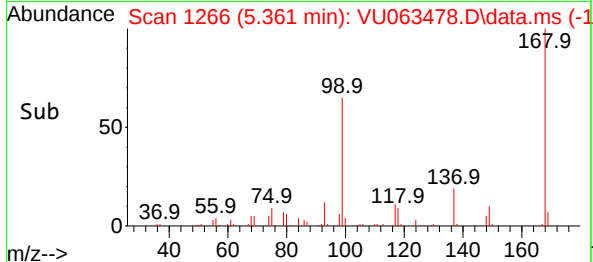
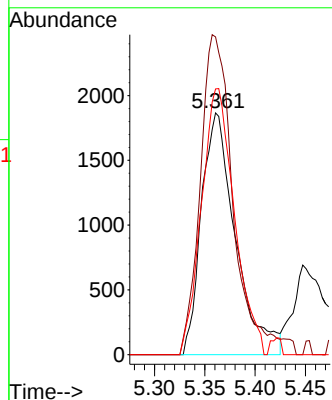
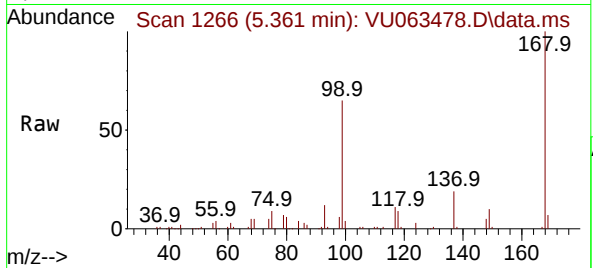




#31
Cyclohexane
Concen: 2.142 ug/l
RT: 5.361 min Scan# 1268
Delta R.T. -0.007 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

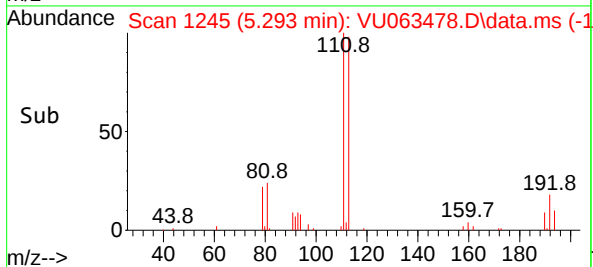
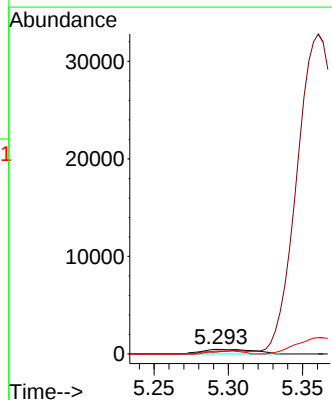
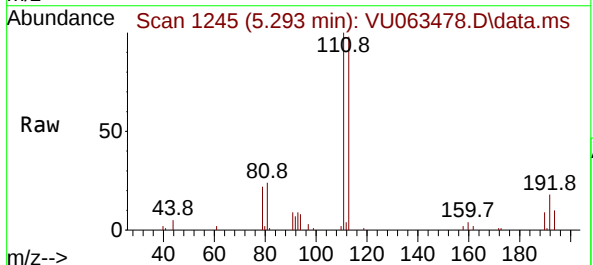
Instrument :
MSVOA_U
ClientSampleId :
MDL01

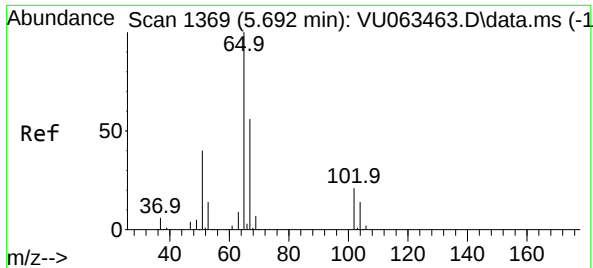
Tgt Ion: 56 Resp: 4401
Ion Ratio Lower Upper
56 100
69 131.5 27.0 40.4#
84 110.0 65.7 98.5#



#32
1,1,1-Trichloroethane
Concen: 0.501 ug/l
RT: 5.293 min Scan# 1245
Delta R.T. -0.007 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 97 Resp: 1152
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 40.5 36.3 54.5

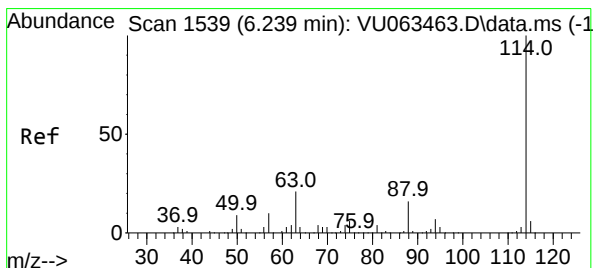
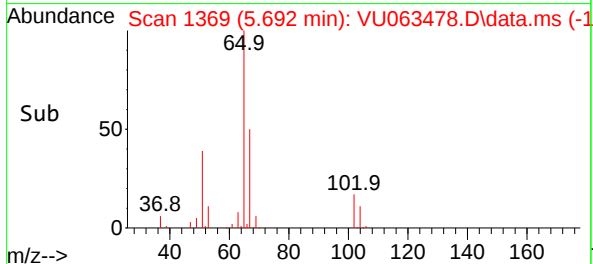
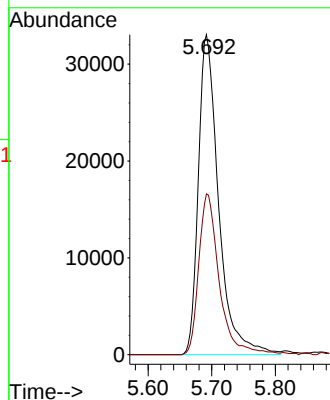
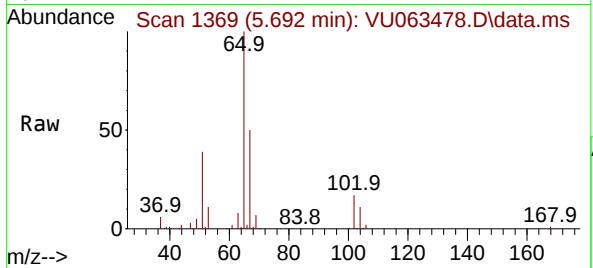




#33
1,2-Dichloroethane-d4
Concen: 49.203 ug/l
RT: 5.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

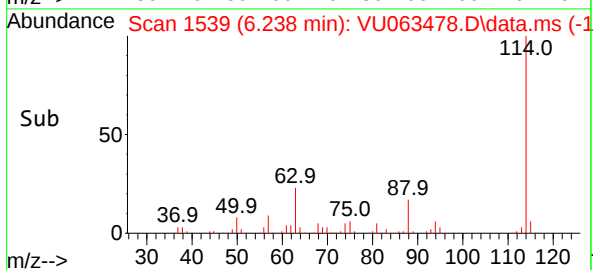
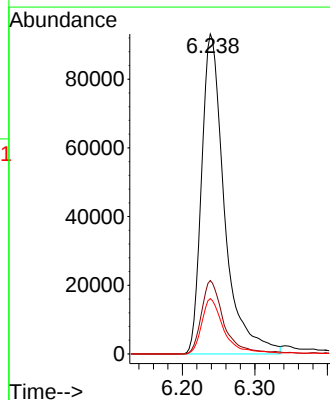
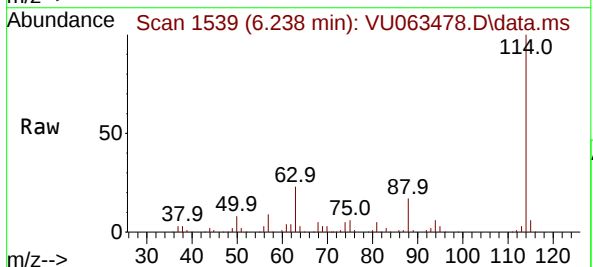
Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 65 Resp: 73119
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.238 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 114 Resp: 204271
Ion Ratio Lower Upper
114 100
63 22.9 0.0 41.6
88 17.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.651 ug/l

RT: 5.277 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

Instrument :

MSVOA_U

ClientSampleId :

MDL01

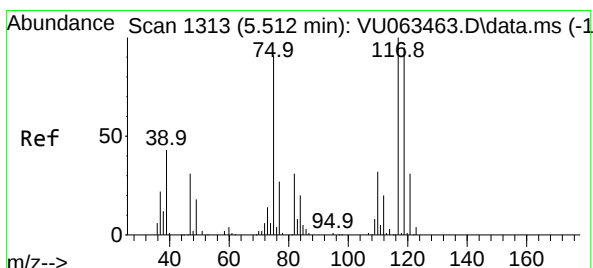
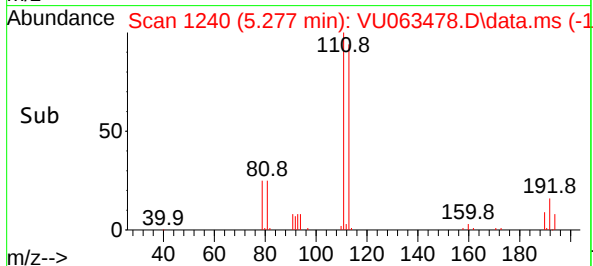
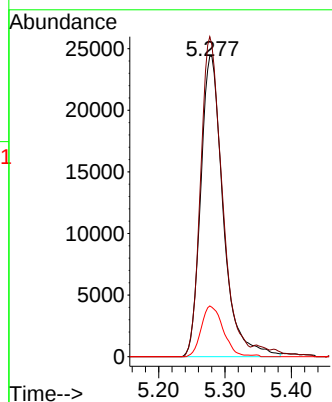
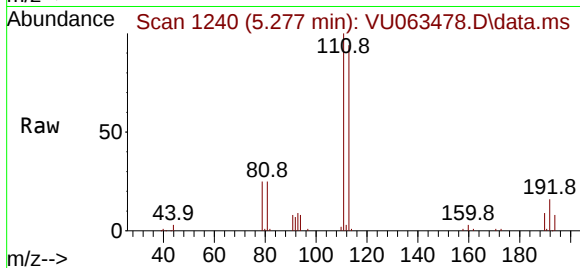
Tgt Ion:113 Resp: 57442

Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

192 16.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 0.282 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

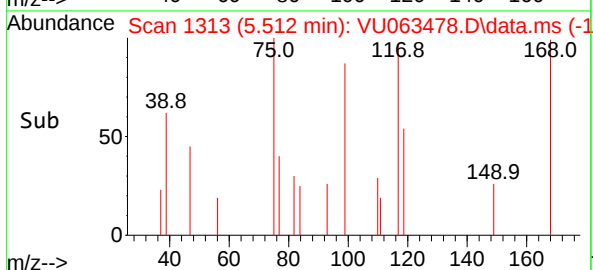
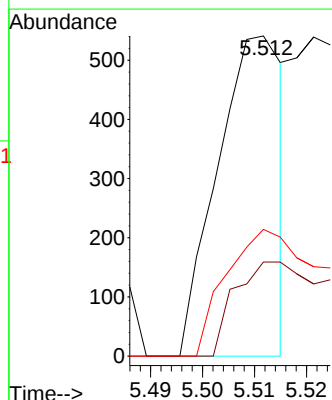
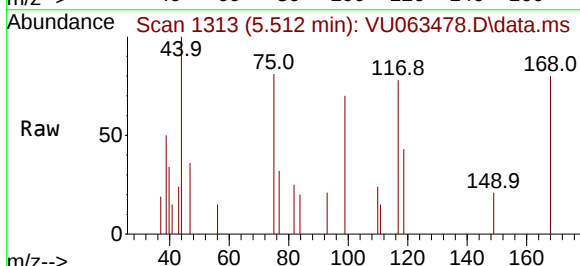
Tgt Ion: 75 Resp: 471

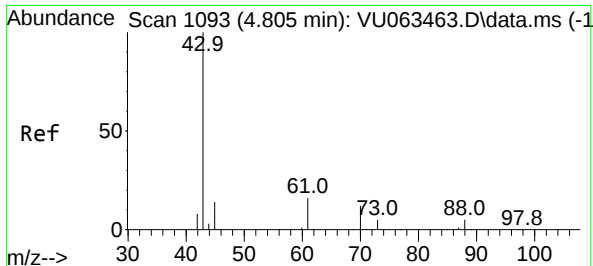
Ion Ratio Lower Upper

75 100

110 33.3 17.3 52.0

77 64.3 23.9 35.9#





#37

Ethyl Acetate

Concen: 0.080 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. 0.038 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

Instrument :

MSVOA_U

ClientSampleId :

MDL01

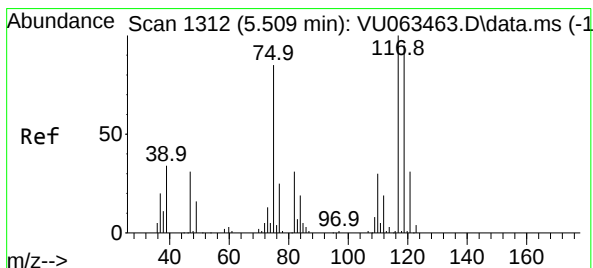
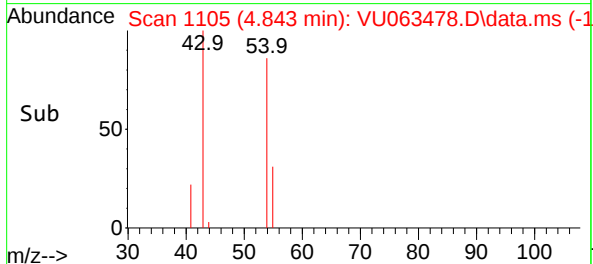
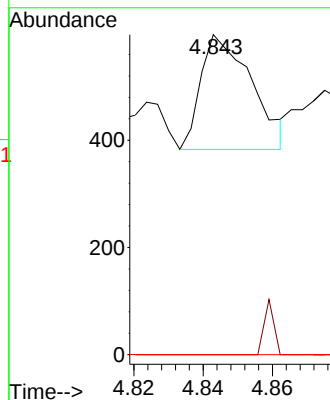
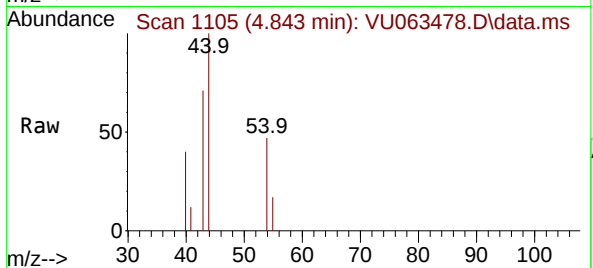
Tgt Ion: 43 Resp: 217

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 0.695 ug/l

RT: 5.508 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

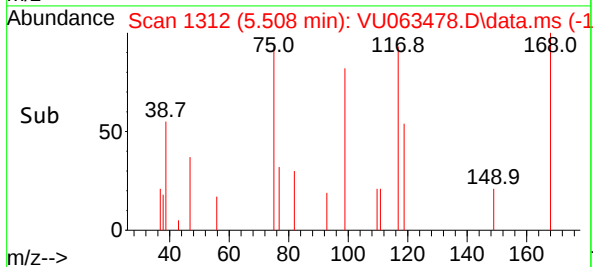
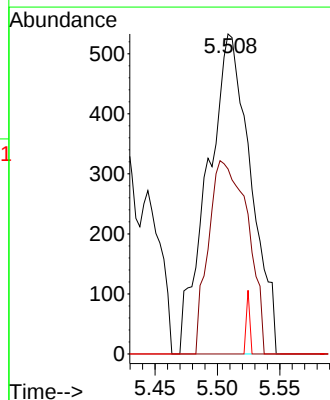
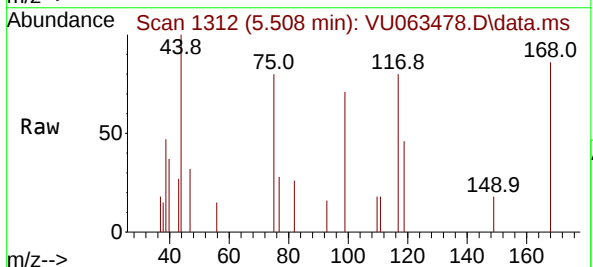
Tgt Ion: 117 Resp: 1282

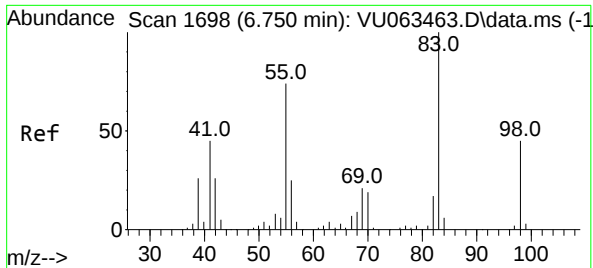
Ion Ratio Lower Upper

117 100

119 57.8 76.1 114.1#

121 0.0 25.0 37.4#





#39

Methylcyclohexane

Concen: 0.663 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

Instrument :

MSVOA_U

ClientSampleId :

MDL01

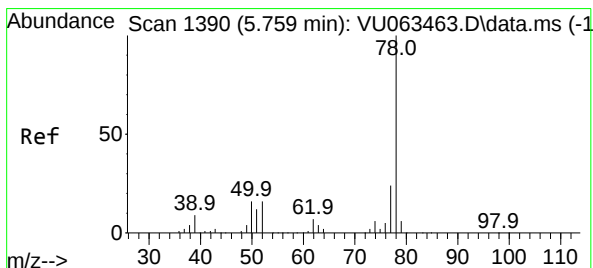
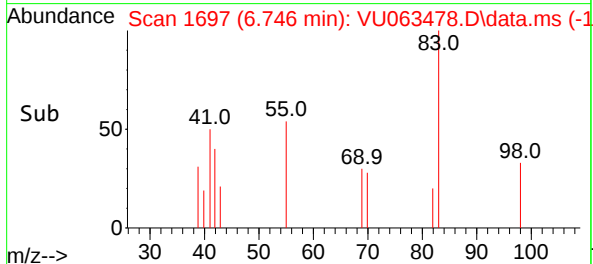
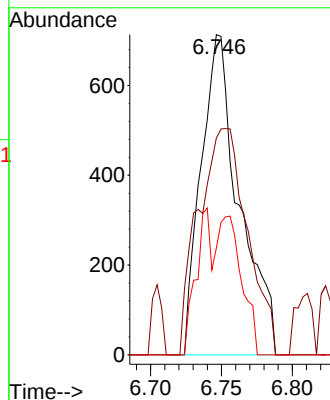
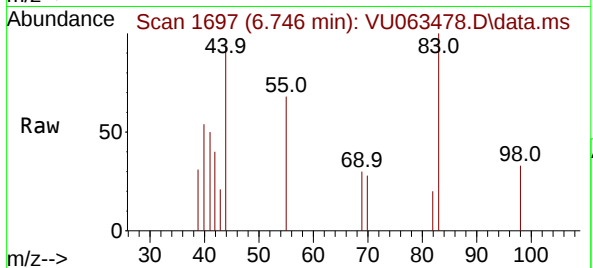
Tgt Ion: 83 Resp: 1340

Ion Ratio Lower Upper

83 100

55 67.7 59.4 89.2

98 33.4 36.2 54.4#



#40

Benzene

Concen: 0.505 ug/l

RT: 5.766 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VU063478.D

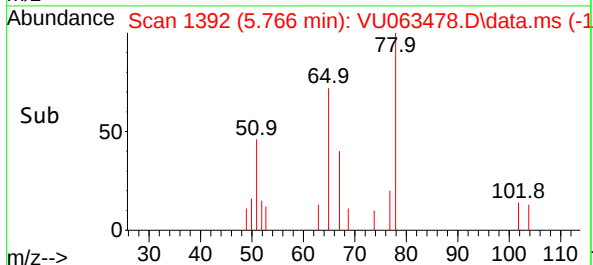
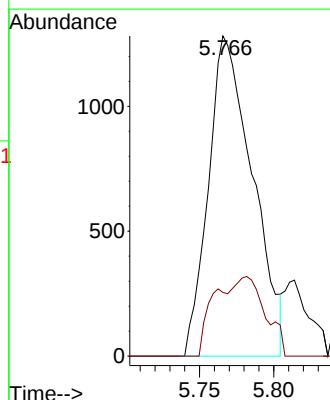
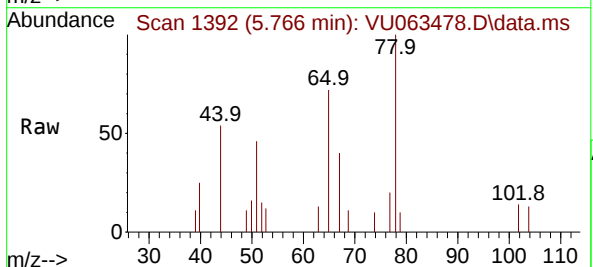
Acq: 10 Jul 2025 14:11

Tgt Ion: 78 Resp: 2638

Ion Ratio Lower Upper

78 100

77 19.9 19.0 28.4



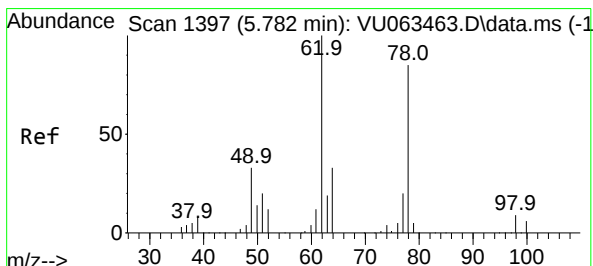
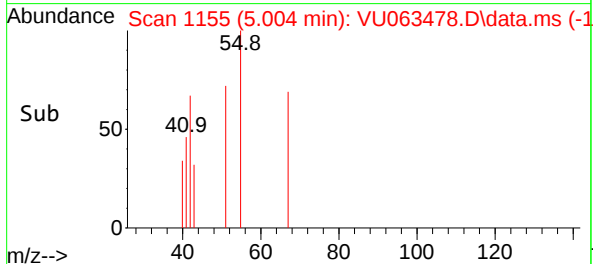
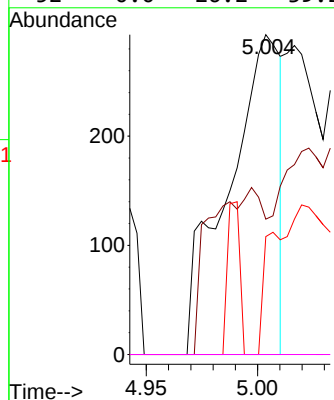
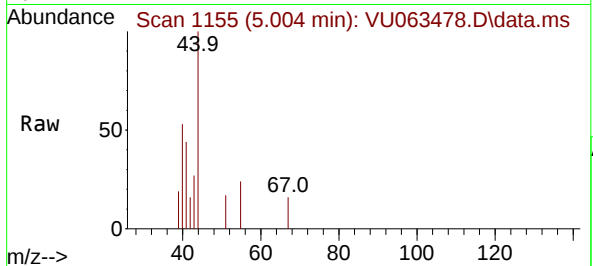


#41
Methacrylonitrile
Concen: 0.375 ug/l
RT: 5.004 min Scan# 1155
Delta R.T. 0.038 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 41 Resp: 480

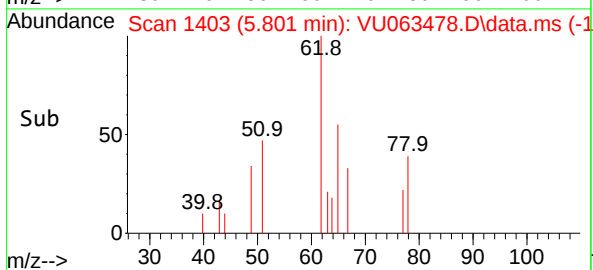
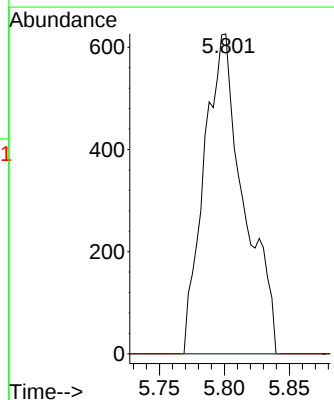
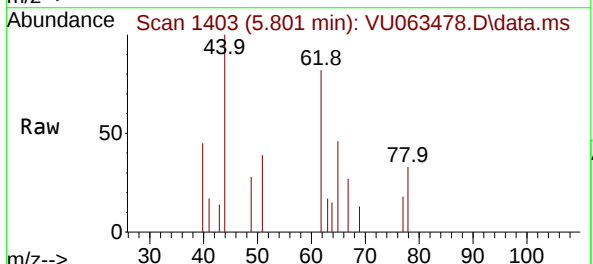
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.6	65.4
67	11.3	62.8	94.2#
52	0.0	26.2	39.2#

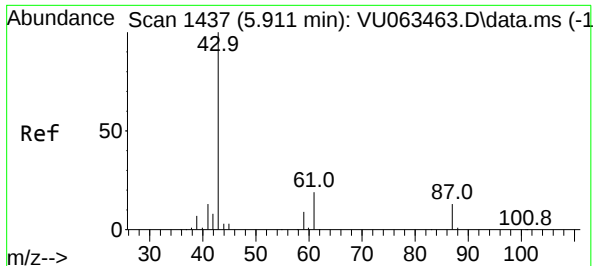


#42
1,2-Dichloroethane
Concen: 0.677 ug/l
RT: 5.801 min Scan# 1403
Delta R.T. 0.019 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 62 Resp: 1330

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.6

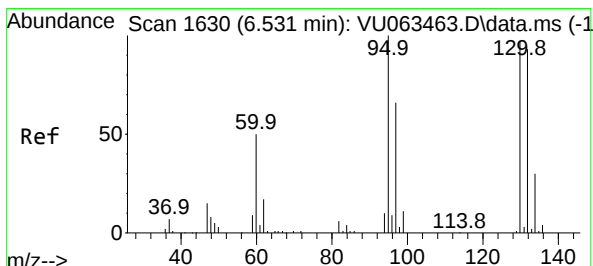
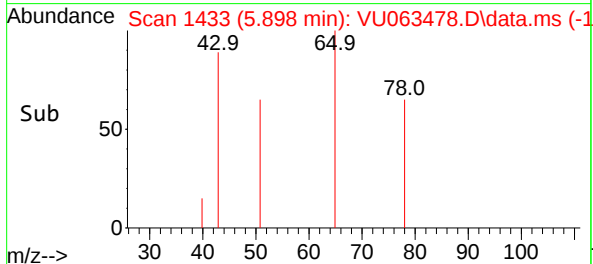
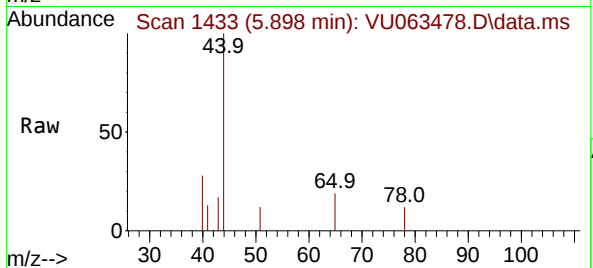




#43
Isopropyl Acetate
Concen: 0.047 ug/l
RT: 5.898 min Scan# 1433
Delta R.T. -0.013 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

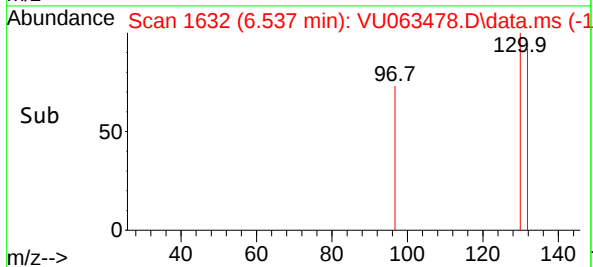
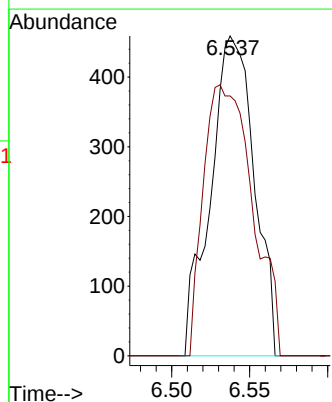
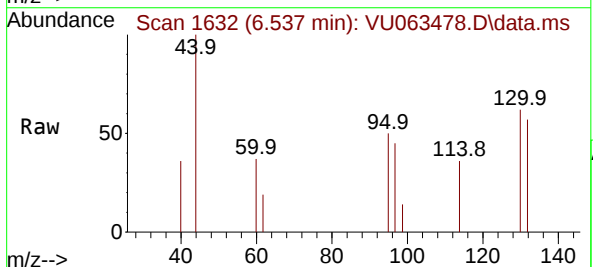
Instrument :
MSVOA_U
ClientSampleId :
MDL01

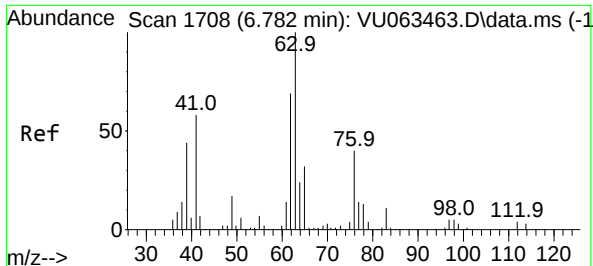
Tgt Ion: 43 Resp: 168
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.2#
87 0.0 10.5 15.7#



#44
Trichloroethene
Concen: 0.643 ug/l
RT: 6.537 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion:130 Resp: 899
Ion Ratio Lower Upper
130 100
95 81.3 0.0 206.4





#45

1,2-Dichloropropane

Concen: 0.549 ug/l

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

Instrument :

MSVOA_U

ClientSampleId :

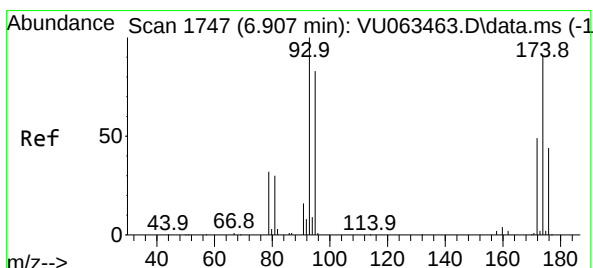
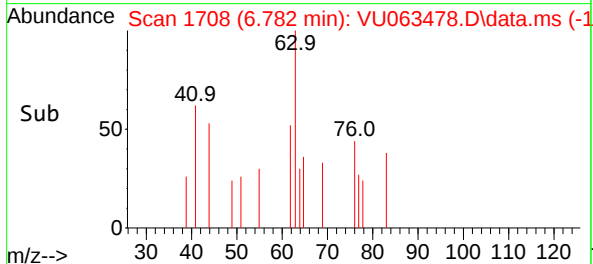
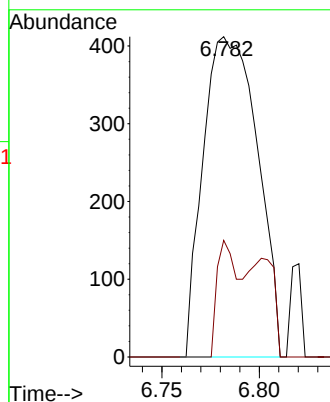
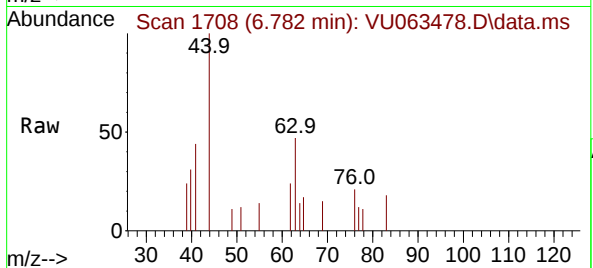
MDL01

Tgt Ion: 63 Resp: 798

Ion Ratio Lower Upper

63 100

65 36.4 25.3 37.9



#46

Dibromomethane

Concen: 0.642 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

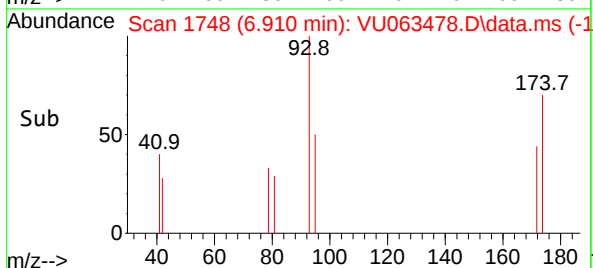
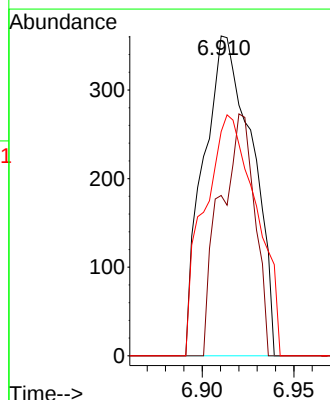
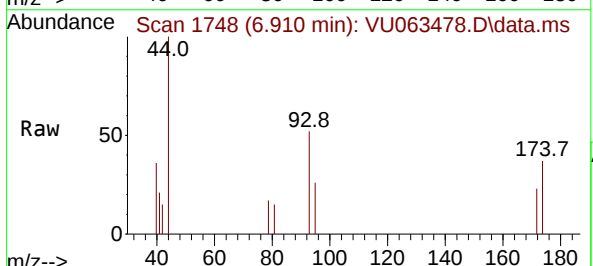
Tgt Ion: 93 Resp: 664

Ion Ratio Lower Upper

93 100

95 54.1 67.5 101.3#

174 81.2 73.1 109.7

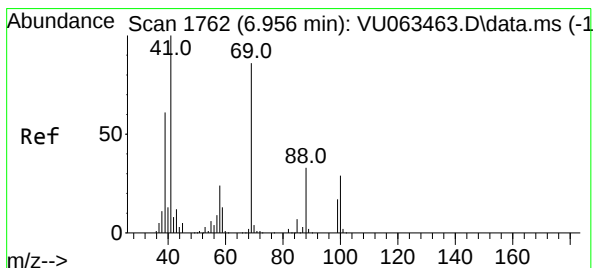
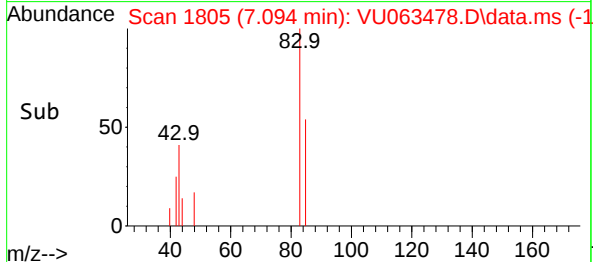
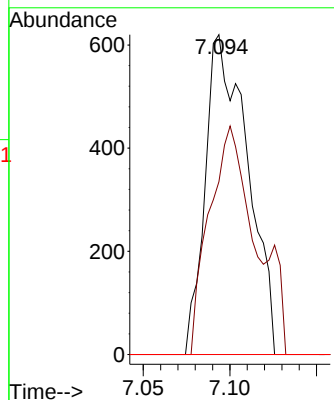
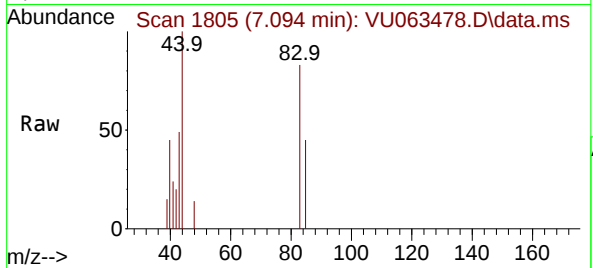




#47
Bromodichloromethane
Concen: 0.490 ug/l
RT: 7.094 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

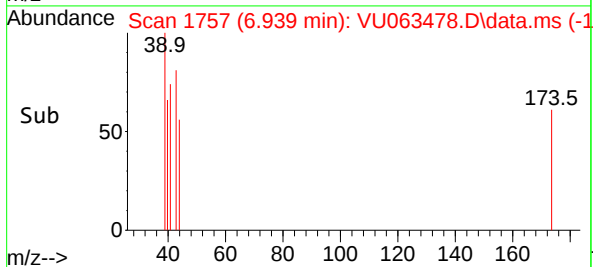
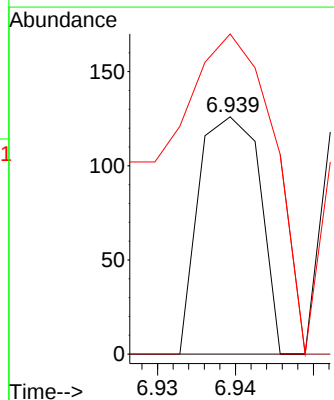
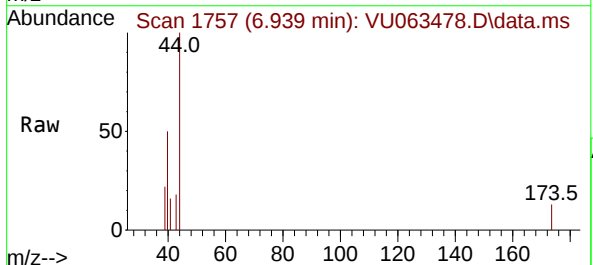
Instrument :
MSVOA_U
ClientSampleId :
MDL01

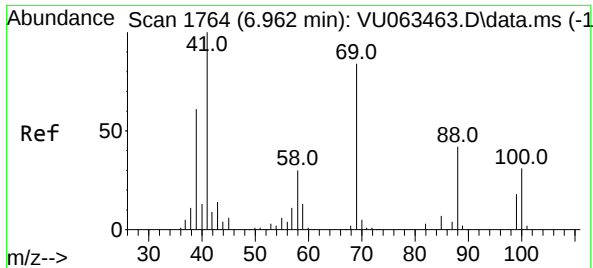
Tgt Ion: 83 Resp: 1052
Ion Ratio Lower Upper
83 100
85 54.0 51.4 77.0
127 0.0 7.0 10.4#



#48
Methyl methacrylate
Concen: 0.041 ug/l
RT: 6.939 min Scan# 1757
Delta R.T. -0.016 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 41 Resp: 69
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.8#
39 284.1 48.3 72.5#

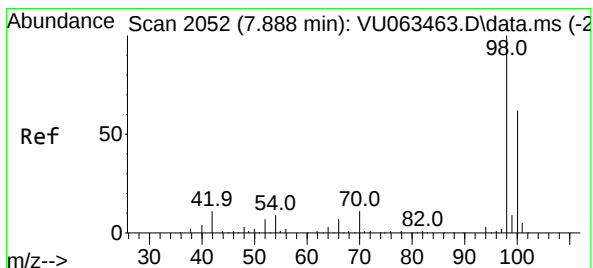
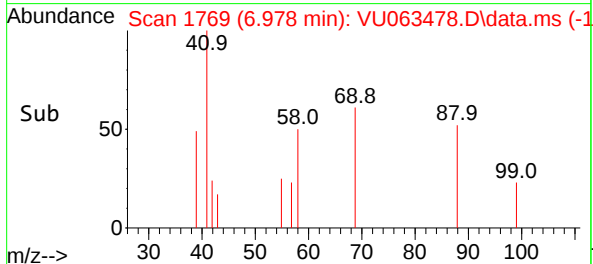
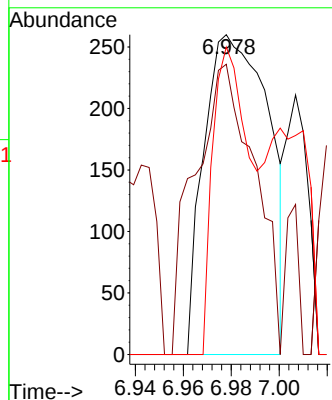
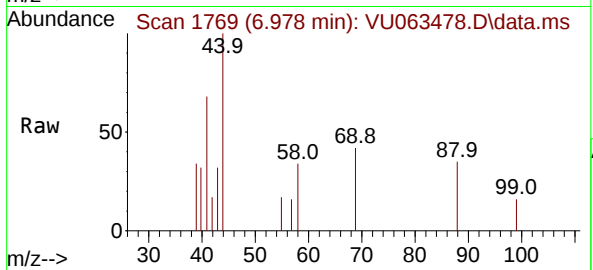




#49
1,4-Dioxane
Concen: 13.314 ug/l
RT: 6.978 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

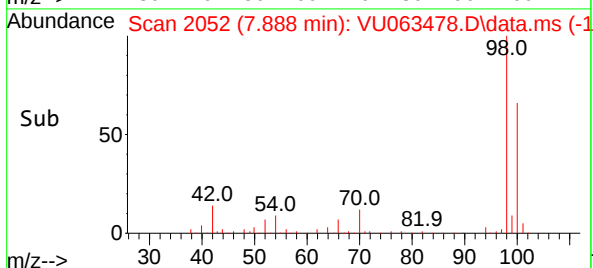
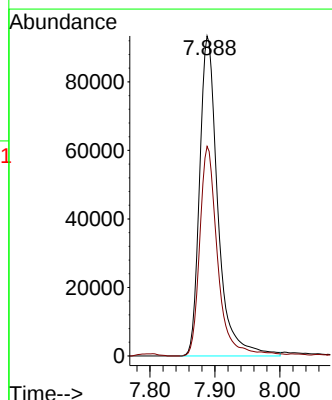
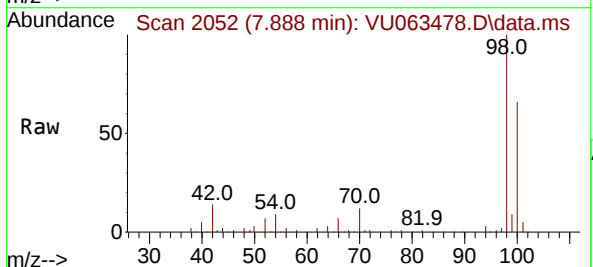
Instrument :
MSVOA_U
ClientSampleId :
MDL01

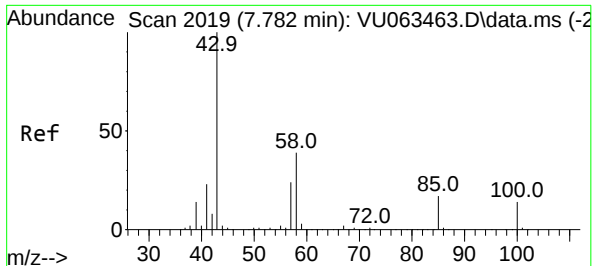
Tgt Ion: 88 Resp: 486
Ion Ratio Lower Upper
88 100
43 84.8 25.6 38.4#
58 53.9 55.0 82.6#



#50
Toluene-d8
Concen: 45.657 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 98 Resp: 183253
Ion Ratio Lower Upper
98 100
100 64.2 48.1 72.1

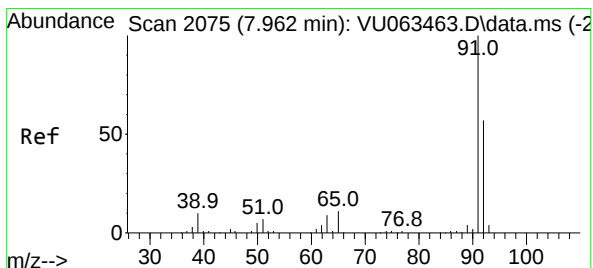
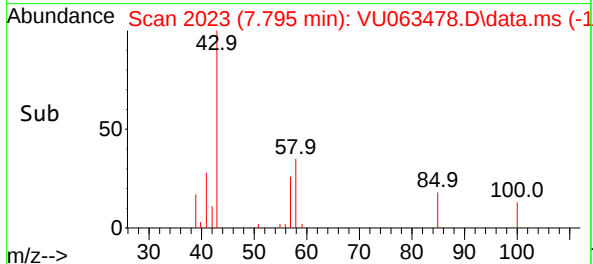
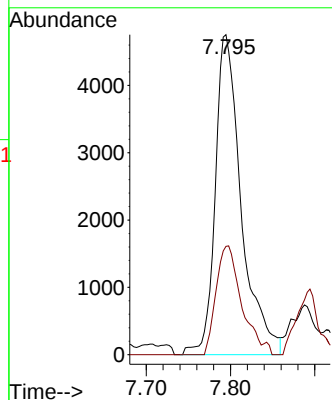
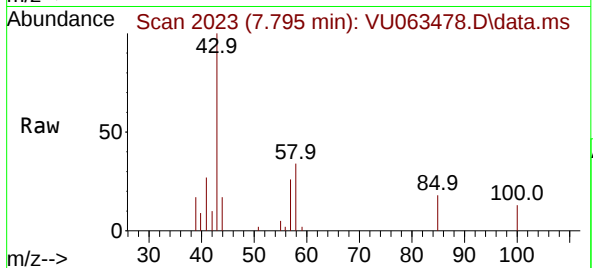




#51
4-Methyl-2-Pentanone
Concen: 3.915 ug/l
RT: 7.795 min Scan# 2019
Delta R.T. 0.013 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

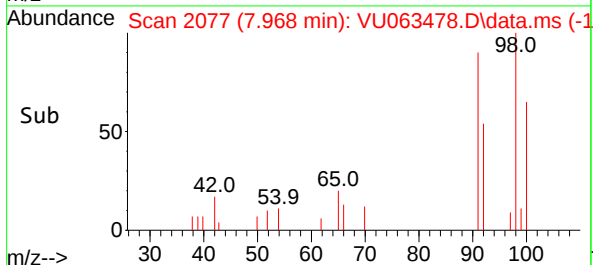
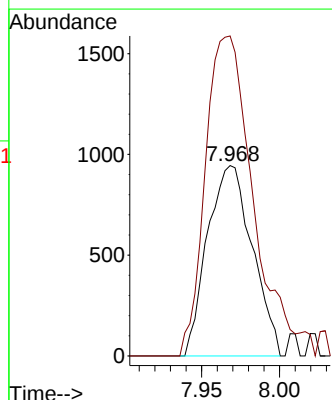
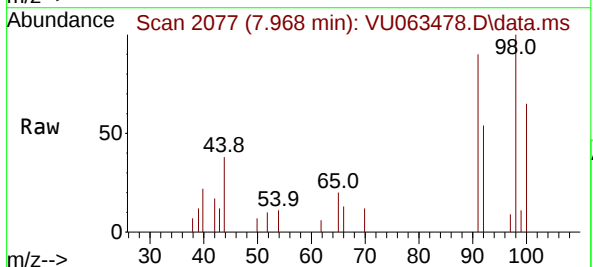
Instrument :
MSVOA_U
ClientSampleId :
MDL01

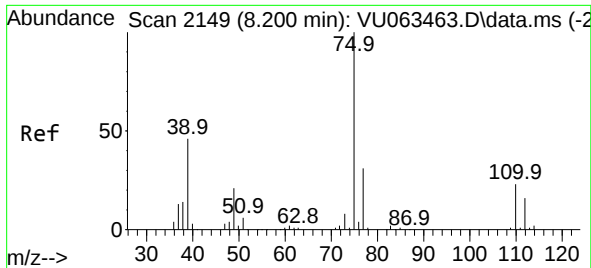
Tgt Ion: 43 Resp: 10198
Ion Ratio Lower Upper
43 100
58 33.5 31.0 46.4



#52
Toluene
Concen: 0.552 ug/l
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 92 Resp: 1888
Ion Ratio Lower Upper
92 100
91 180.1 144.5 216.7

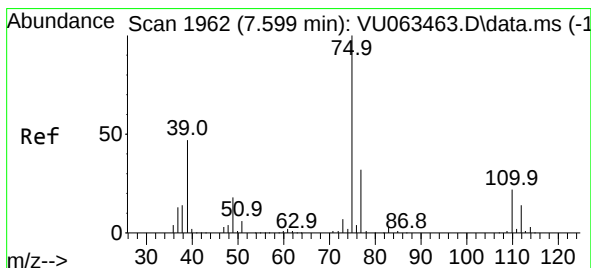
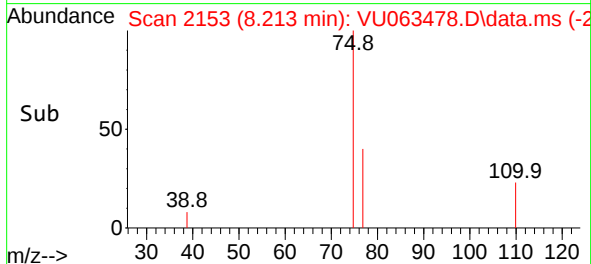
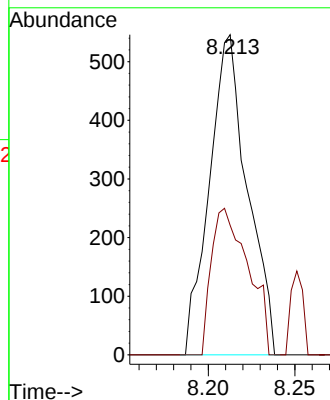
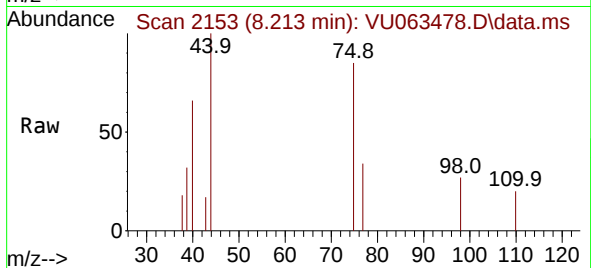




#53
 t-1,3-Dichloropropene
 Concen: 0.444 ug/l
 RT: 8.213 min Scan# 2149
 Delta R.T. 0.013 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

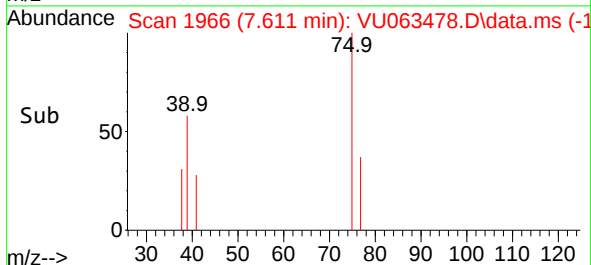
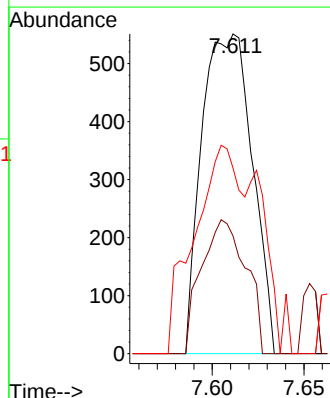
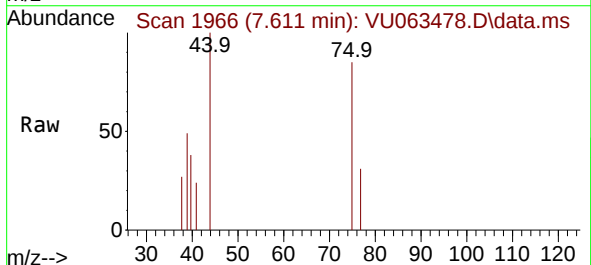
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Tgt Ion: 75 Resp: 835
 Ion Ratio Lower Upper
 75 100
 77 40.5 25.0 37.6#



#54
 cis-1,3-Dichloropropene
 Concen: 0.500 ug/l
 RT: 7.611 min Scan# 1966
 Delta R.T. 0.013 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

Tgt Ion: 75 Resp: 1052
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.4 38.0
 39 73.9 37.2 55.8#

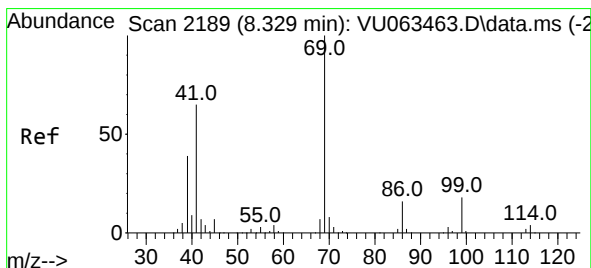
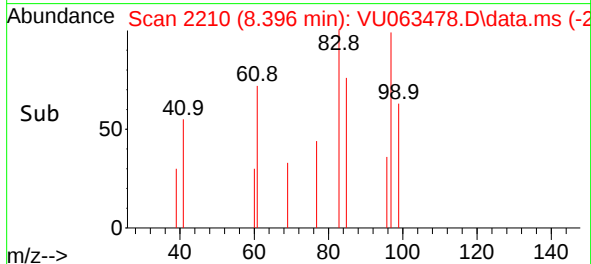
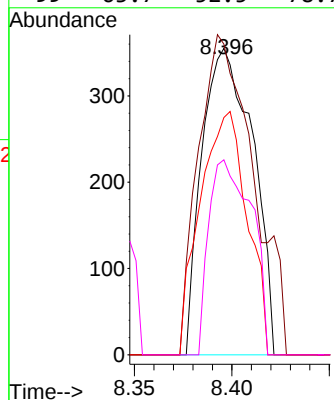
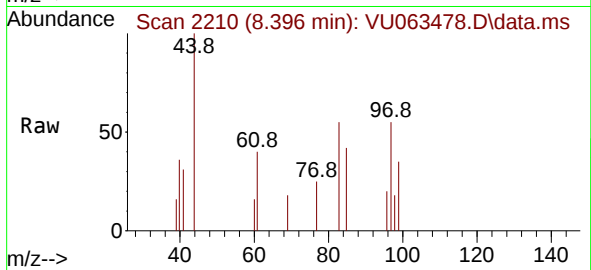




#55
 1,1,2-Trichloroethane
 Concen: 0.443 ug/l
 RT: 8.396 min Scan# 2110
 Delta R.T. 0.006 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

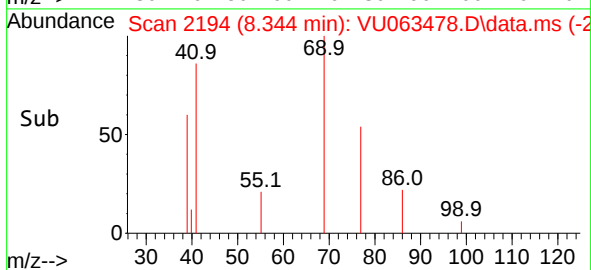
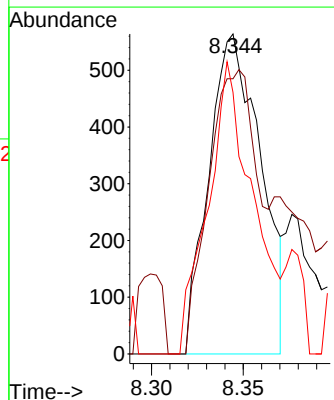
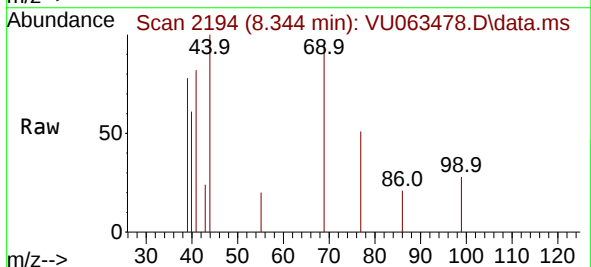
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

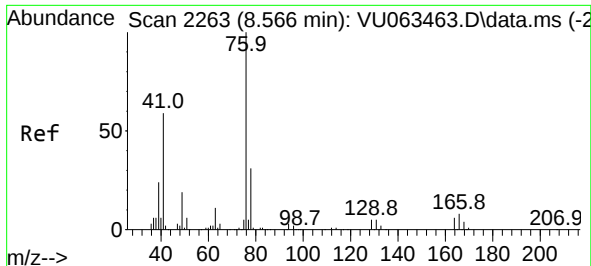
Tgt Ion: 97	Resp: 643
Ion Ratio	Lower Upper
97 100	
83 101.4	74.2 111.4
85 77.5	45.8 68.8#
99 63.7	52.5 78.7



#56
 Ethyl methacrylate
 Concen: 0.475 ug/l
 RT: 8.344 min Scan# 2194
 Delta R.T. 0.016 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

Tgt Ion: 69	Resp: 1111
Ion Ratio	Lower Upper
69 100	
41 84.2	53.0 79.6#
39 79.3	31.0 46.4#





#57

1,3-Dichloropropane

Concen: 0.529 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

Instrument :

MSVOA_U

ClientSampleId :

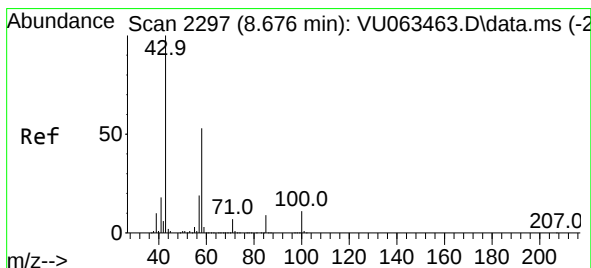
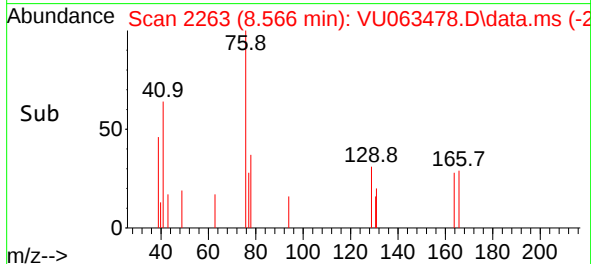
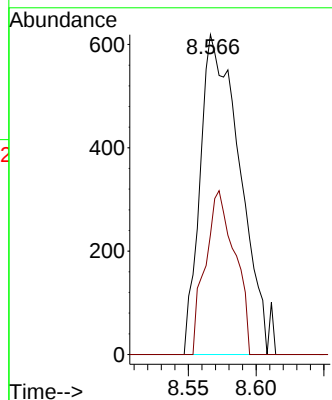
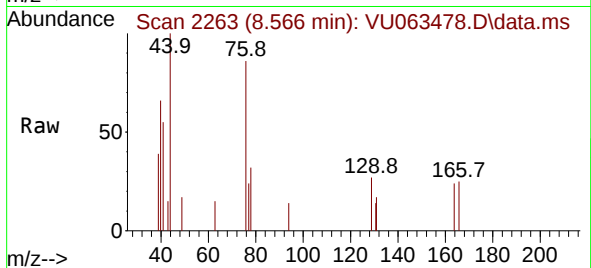
MDL01

Tgt Ion: 76 Resp: 1265

Ion Ratio Lower Upper

76 100

78 37.9 25.6 38.4



#59

2-Hexanone

Concen: 3.981 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.019 min

Lab File: VU063478.D

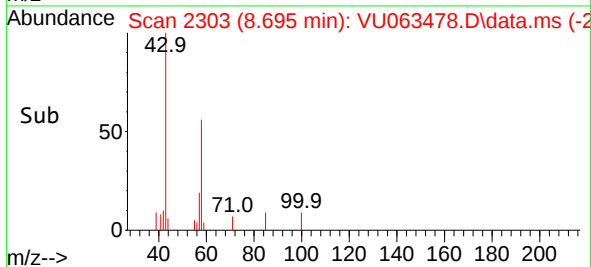
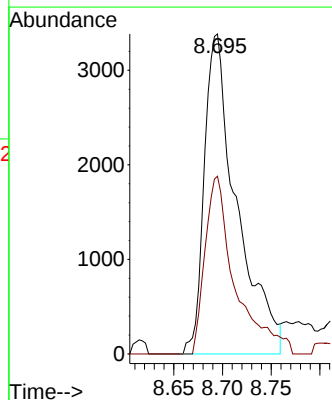
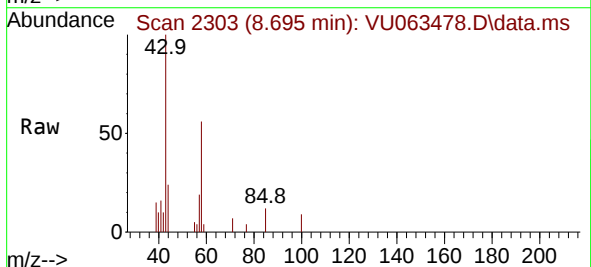
Acq: 10 Jul 2025 14:11

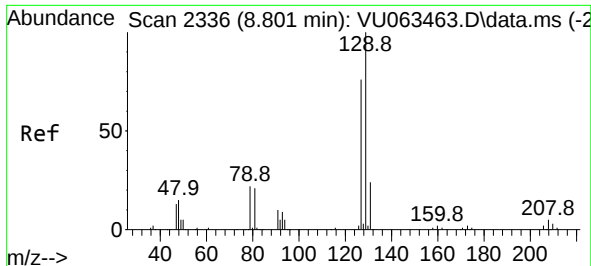
Tgt Ion: 43 Resp: 7843

Ion Ratio Lower Upper

43 100

58 51.5 26.9 80.7

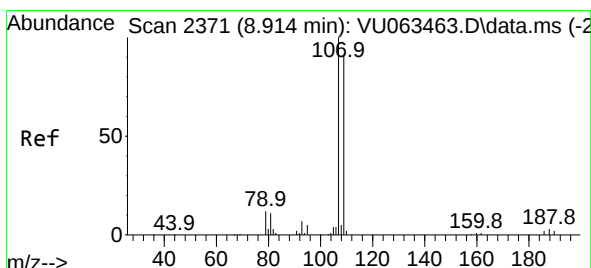
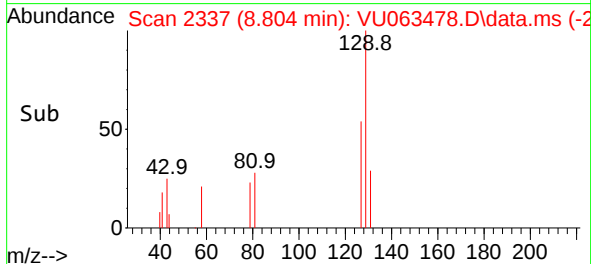
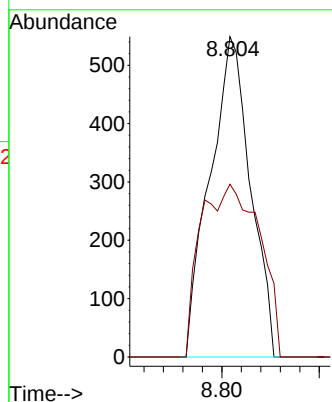
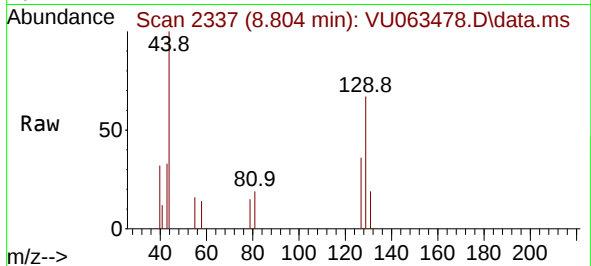




#60
Dibromochloromethane
Concen: 0.488 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

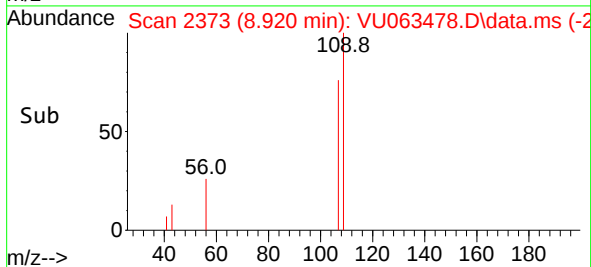
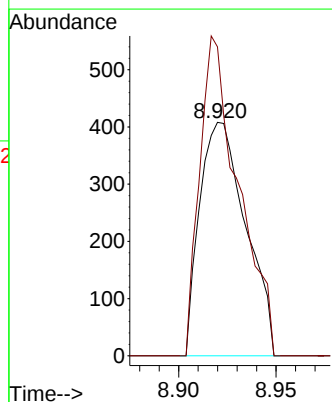
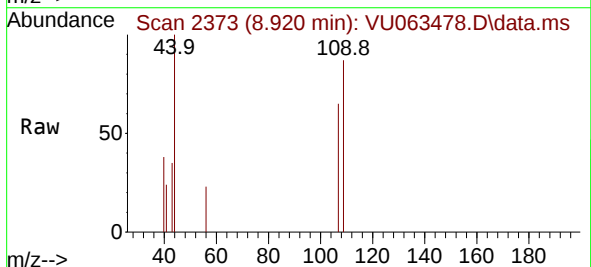
Instrument :
MSVOA_U
ClientSampleId :
MDL01

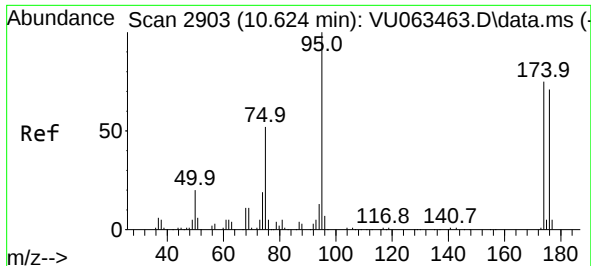
Tgt Ion:129 Resp: 793
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2



#61
1,2-Dibromoethane
Concen: 0.471 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion:107 Resp: 671
Ion Ratio Lower Upper
107 100
109 115.4 73.7 110.5#

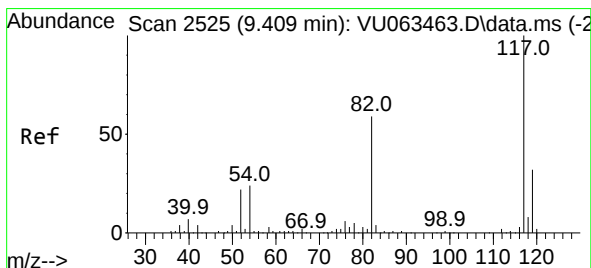
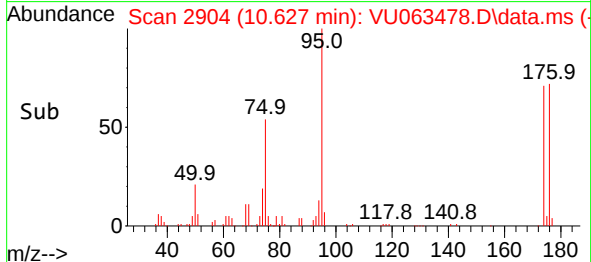
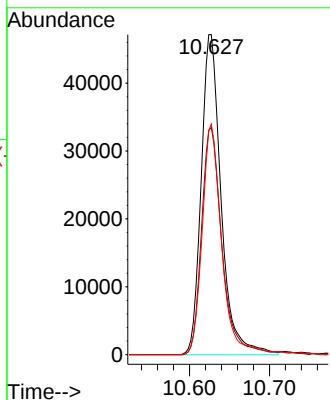
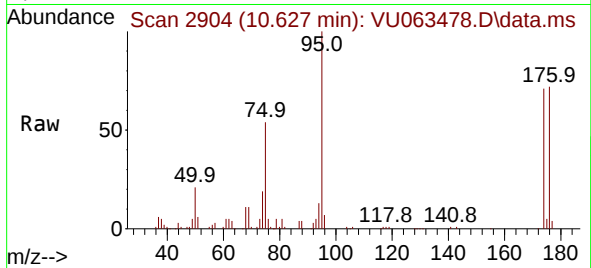




#62
4-Bromofluorobenzene
Concen: 46.678 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

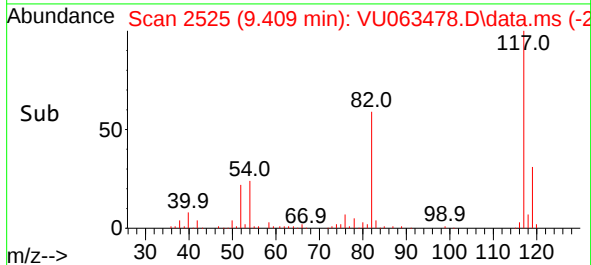
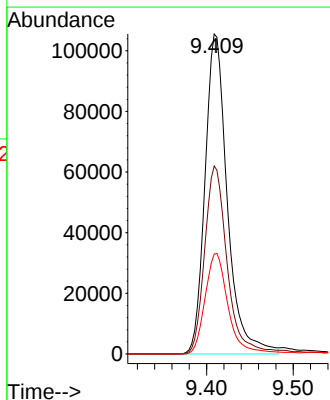
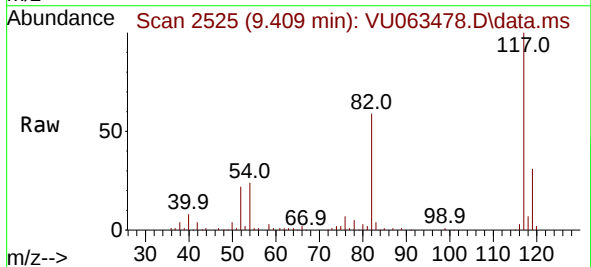
Instrument :
MSVOA_U
ClientSampleId :
MDL01

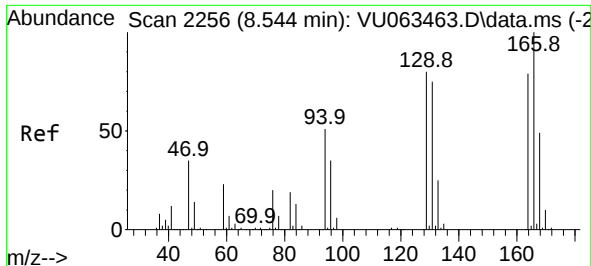
Tgt Ion: 95 Resp: 81949
Ion Ratio Lower Upper
95 100
174 72.3 0.0 153.6
176 70.2 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 2525
Delta R.T. -0.000 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 117 Resp: 189403
Ion Ratio Lower Upper
117 100
82 58.7 47.1 70.7
119 31.2 25.4 38.0

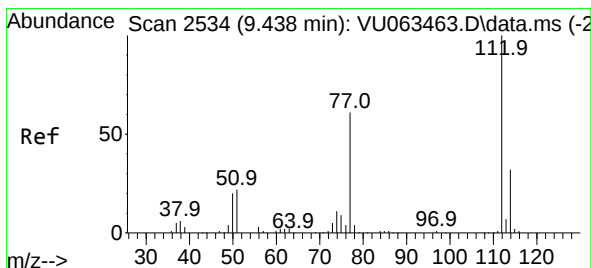
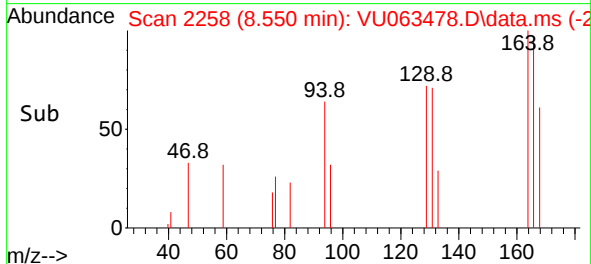
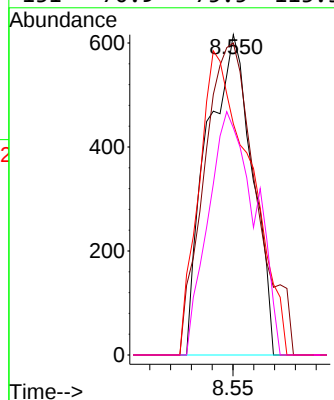
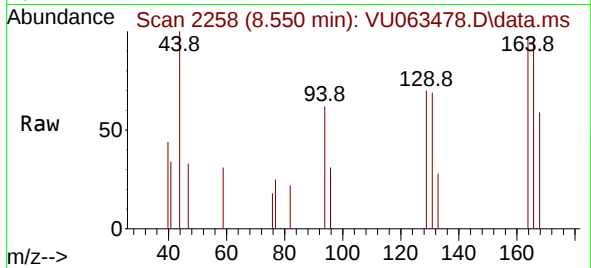




#64
Tetrachloroethene
Concen: 0.662 ug/l
RT: 8.550 min Scan# 211
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

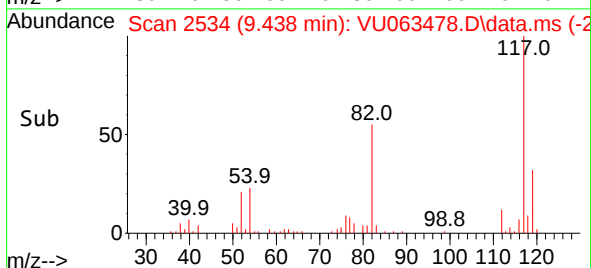
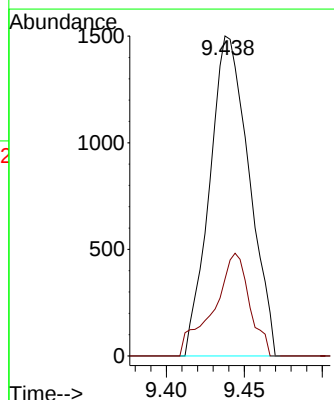
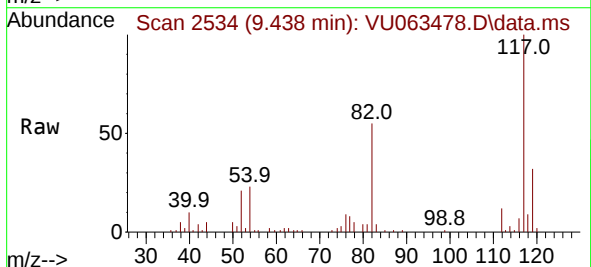
Instrument :
MSVOA_U
ClientSampleId :
MDL01

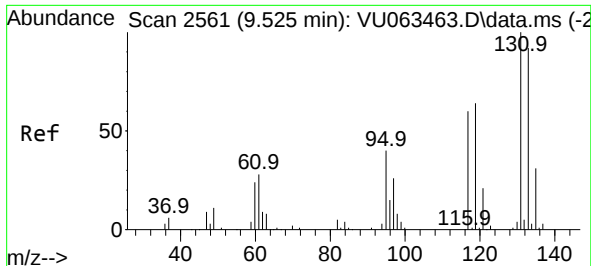
Tgt Ion:164 Resp: 934
Ion Ratio Lower Upper
164 100
166 97.4 100.9 151.3#
129 72.2 80.9 121.3#
131 70.9 75.5 113.3#



#65
Chlorobenzene
Concen: 0.670 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion:112 Resp: 2639
Ion Ratio Lower Upper
112 100
114 24.1 25.5 38.3#





#66

1,1,1,2-Tetrachloroethane

Concen: 0.457 ug/l

RT: 9.528 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

Instrument :

MSVOA_U

ClientSampleId :

MDL01

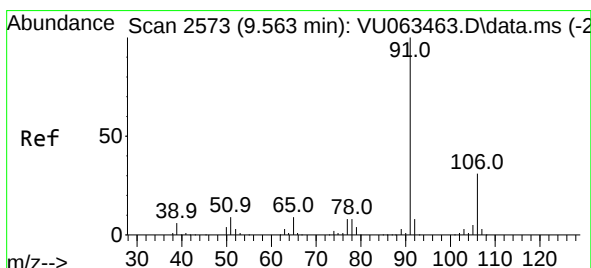
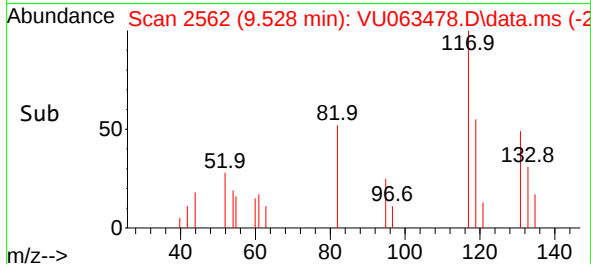
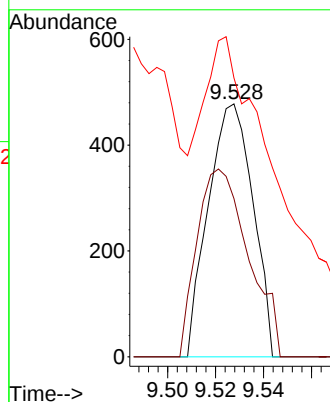
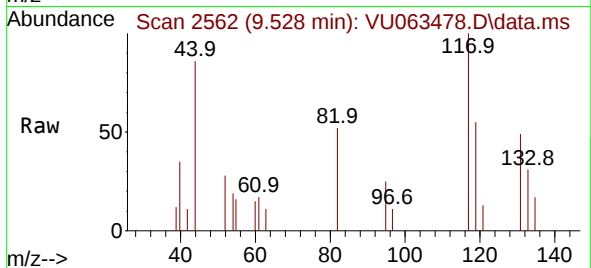
Tgt Ion:131 Resp: 618

Ion Ratio Lower Upper

131 100

133 85.6 46.4 139.2

119 0.0 33.3 99.9#



#67

Ethyl Benzene

Concen: 0.619 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU063478.D

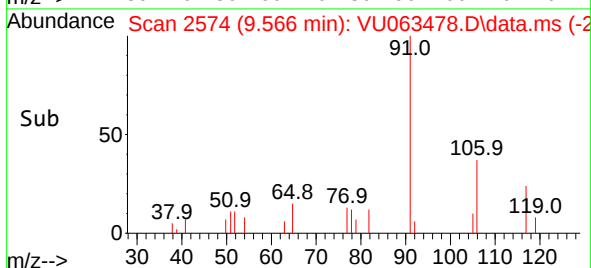
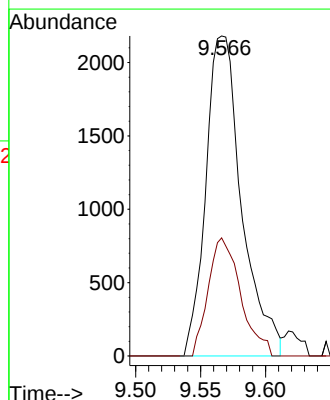
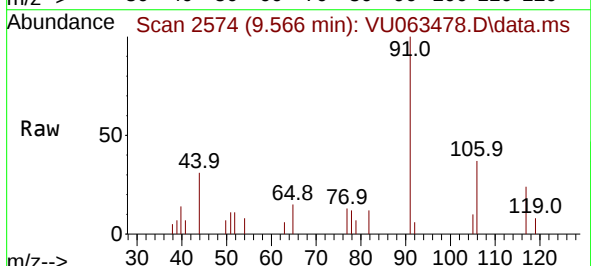
Acq: 10 Jul 2025 14:11

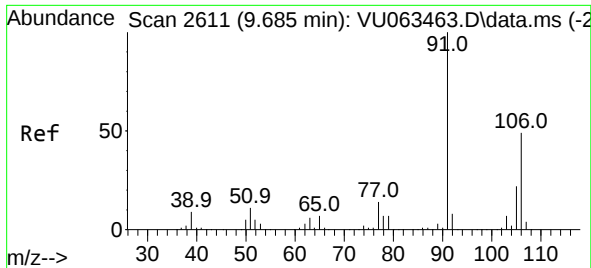
Tgt Ion: 91 Resp: 4191

Ion Ratio Lower Upper

91 100

106 36.9 24.5 36.7#

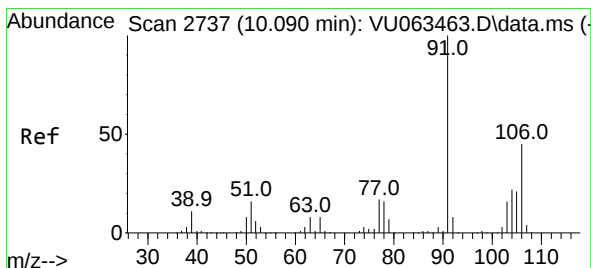
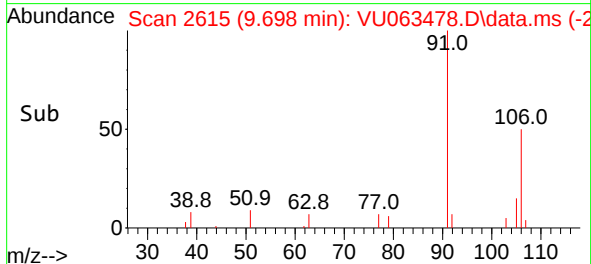
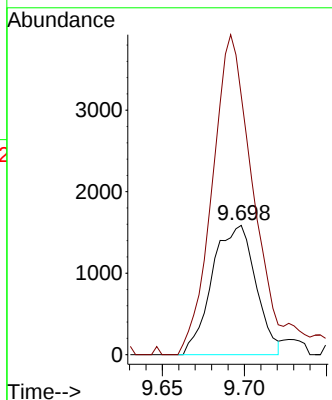
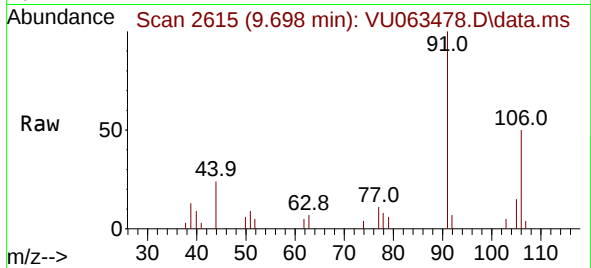




#68
m/p-Xylenes
Concen: 1.131 ug/l
RT: 9.698 min Scan# 2741
Delta R.T. 0.013 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

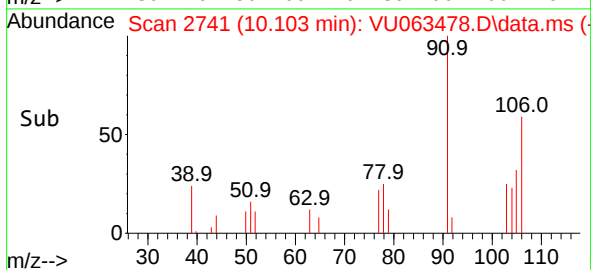
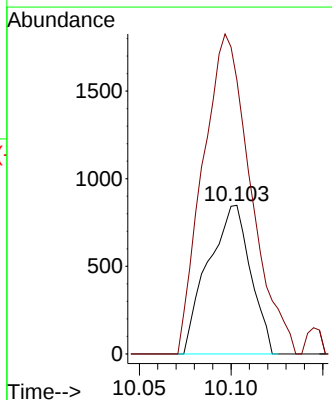
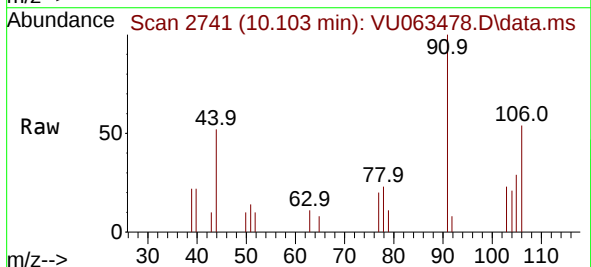
Instrument :
MSVOA_U
ClientSampleId :
MDL01

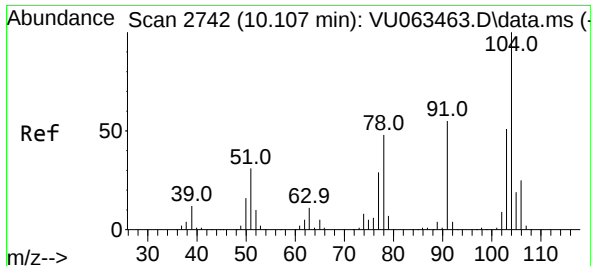
Tgt Ion:106 Resp: 2924
Ion Ratio Lower Upper
106 100
91 237.7 163.6 245.4



#69
o-Xylene
Concen: 0.519 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. 0.013 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion:106 Resp: 1365
Ion Ratio Lower Upper
106 100
91 241.8 110.7 331.9

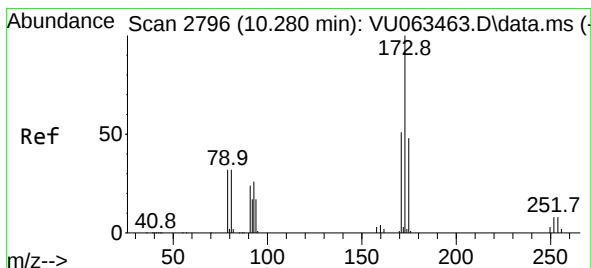
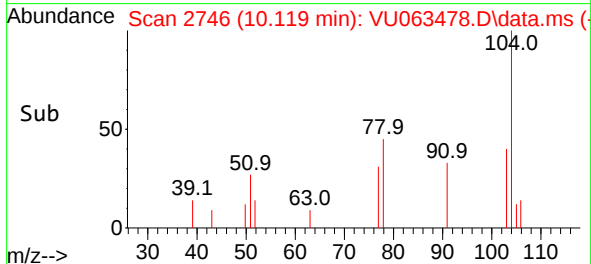
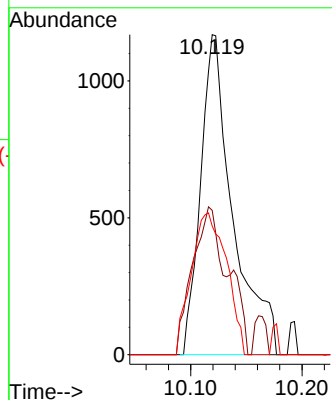
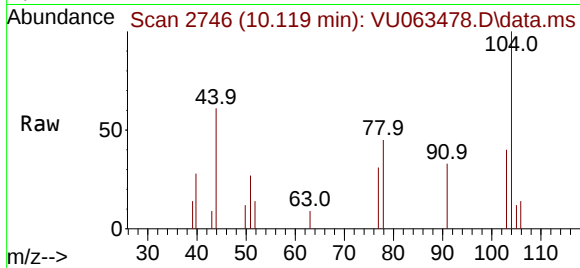




#70
Styrene
Concen: 0.564 ug/l
RT: 10.119 min Scan# 2746
Delta R.T. 0.013 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

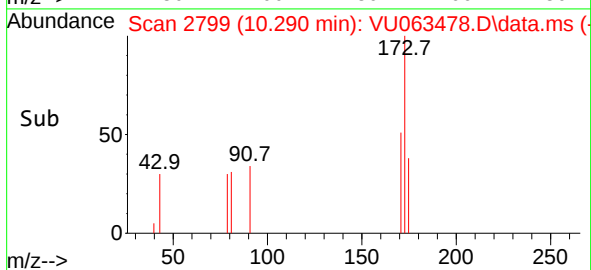
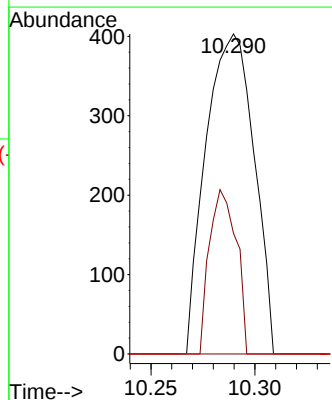
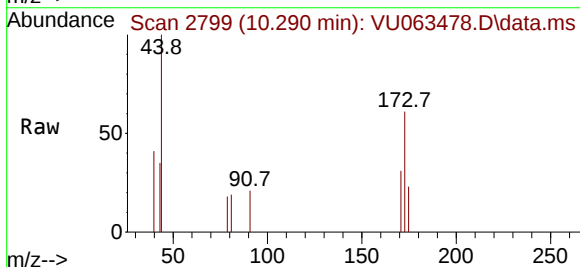
Instrument :
MSVOA_U
ClientSampleId :
MDL01

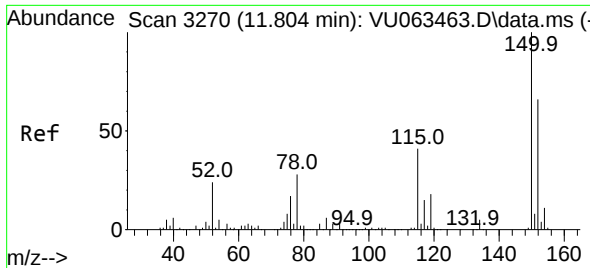
Tgt Ion:104 Resp: 2355
Ion Ratio Lower Upper
104 100
78 40.4 41.4 62.0#
103 48.5 44.3 66.5



#71
Bromoform
Concen: 0.551 ug/l
RT: 10.290 min Scan# 2799
Delta R.T. 0.009 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion:173 Resp: 649
Ion Ratio Lower Upper
173 100
175 28.8 24.0 72.0
254 0.0 0.0 0.0

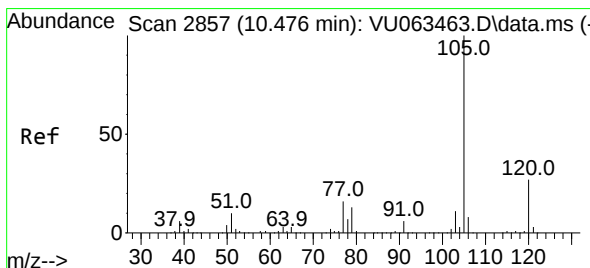
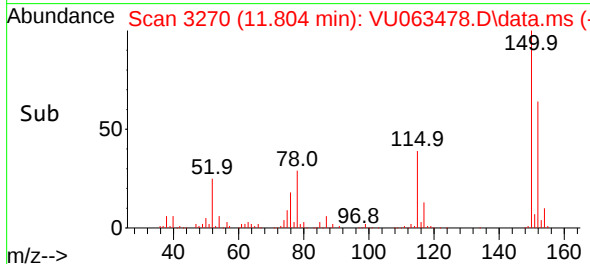
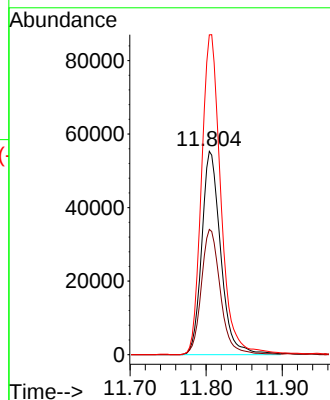
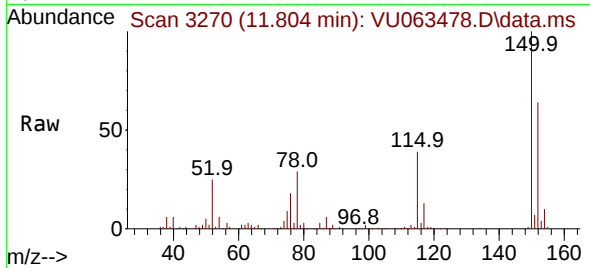




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

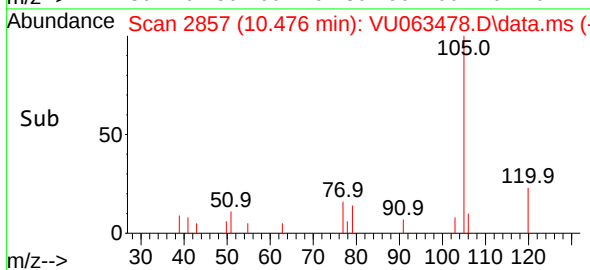
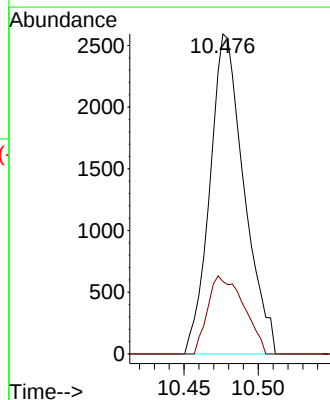
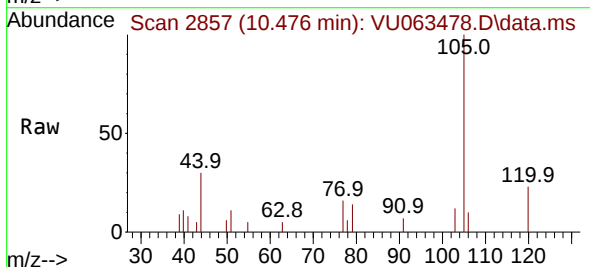
Instrument :
MSVOA_U
ClientSampleId :
MDL01

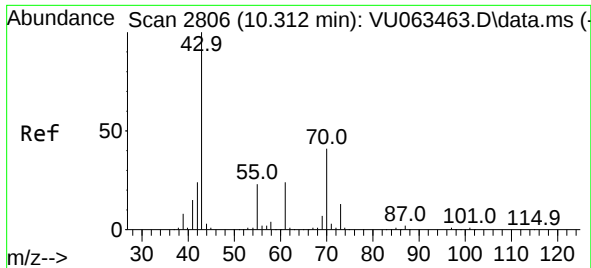
Tgt Ion:152 Resp: 96138
Ion Ratio Lower Upper
152 100
115 62.0 43.4 130.2
150 161.0 0.0 341.4



#73
Isopropylbenzene
Concen: 0.634 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion:105 Resp: 4148
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

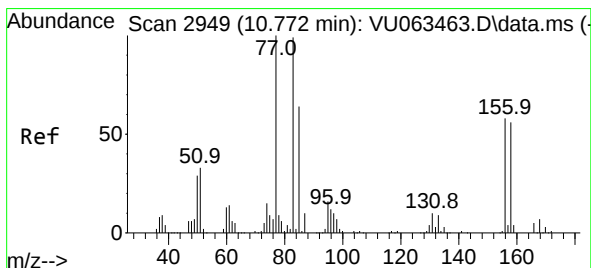
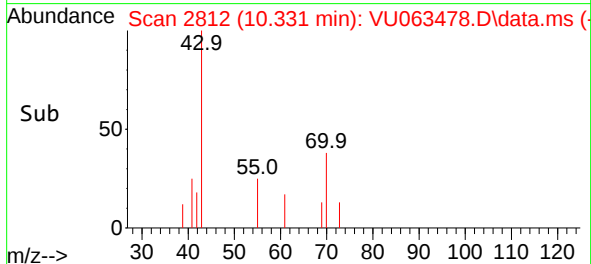
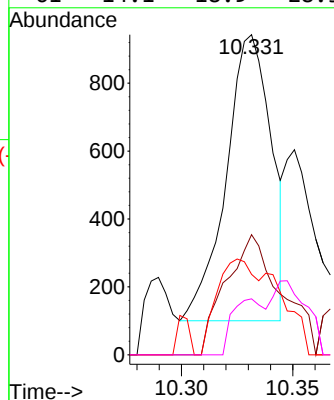
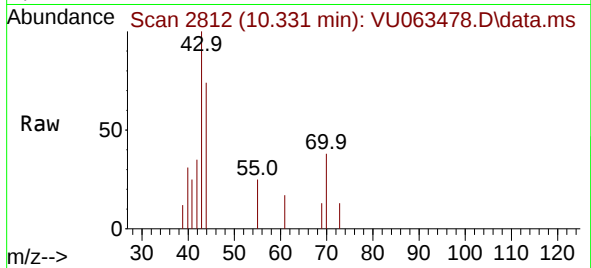




#74
N-amy1 acetate
Concen: 0.405 ug/l
RT: 10.331 min Scan# 2189
Delta R.T. 0.019 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

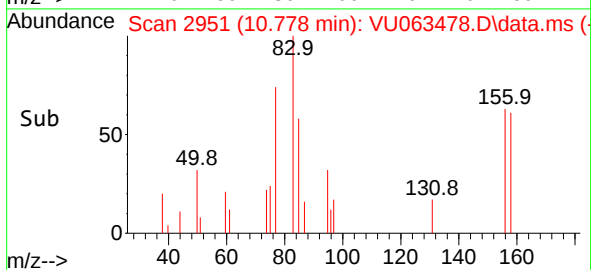
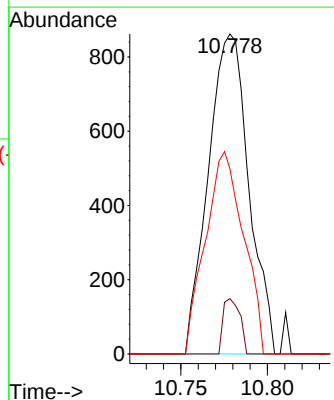
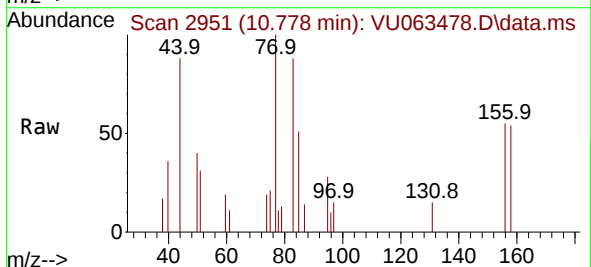
Instrument :
MSVOA_U
ClientSampleId :
MDL01

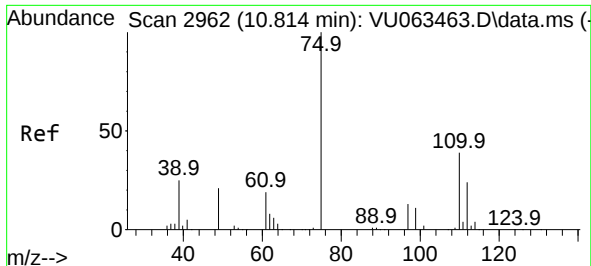
Tgt Ion:	43	Resp:	1189
Ion	Ratio	Lower	Upper
43	100		
70	51.1	32.6	48.8#
55	45.8	18.6	27.8#
61	14.1	18.9	28.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.583 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion:	83	Resp:	1404
Ion	Ratio	Lower	Upper
83	100		
131	7.1	4.8	14.3
85	59.5	32.3	96.8

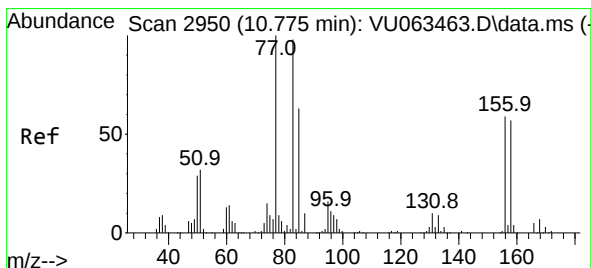
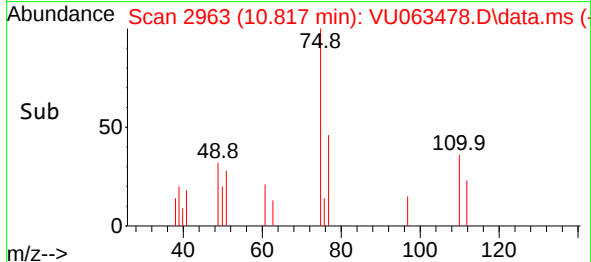
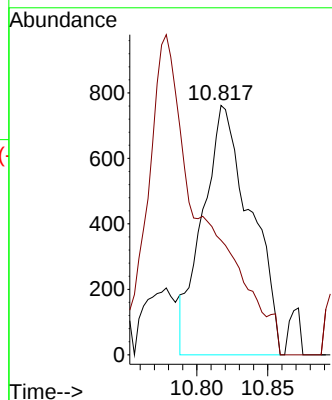
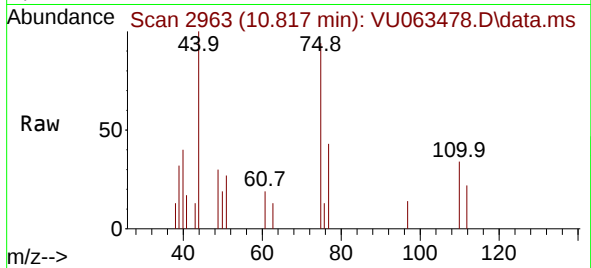




#76
1,2,3-Trichloropropane
Concen: 0.703 ug/l
RT: 10.817 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

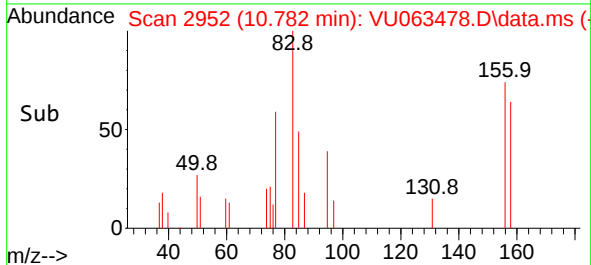
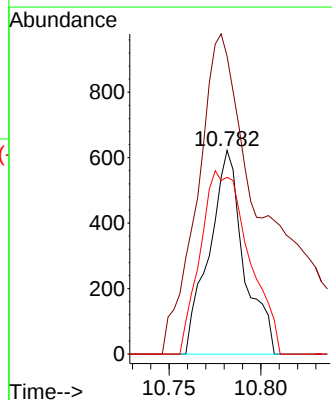
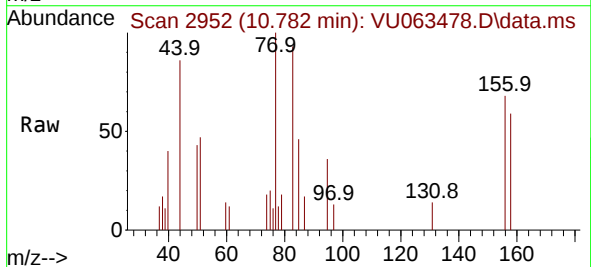
Instrument :
MSVOA_U
ClientSampleId :
MDL01

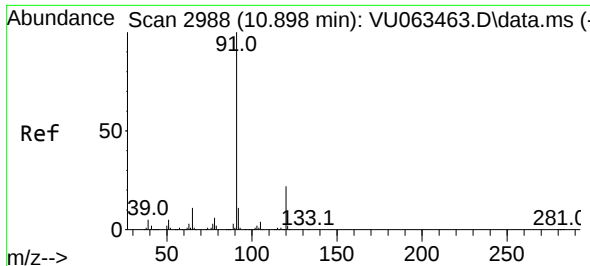
Tgt Ion: 75 Resp: 1790
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#



#77
Bromobenzene
Concen: 0.509 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 156 Resp: 816
Ion Ratio Lower Upper
156 100
77 323.3 78.2 234.6#
158 126.0 46.8 140.4

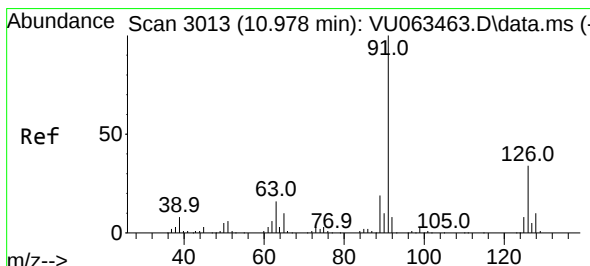
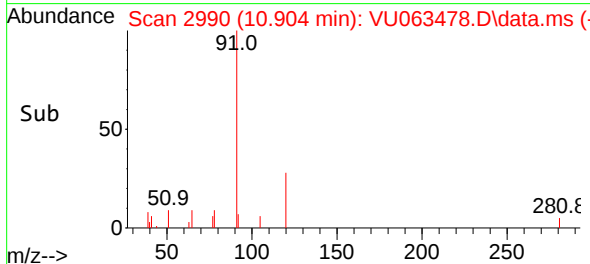
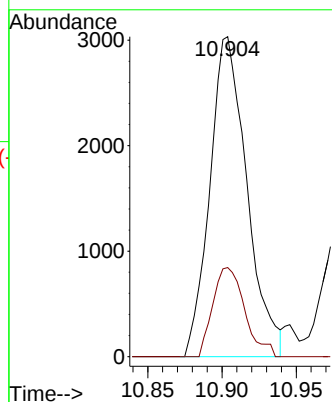
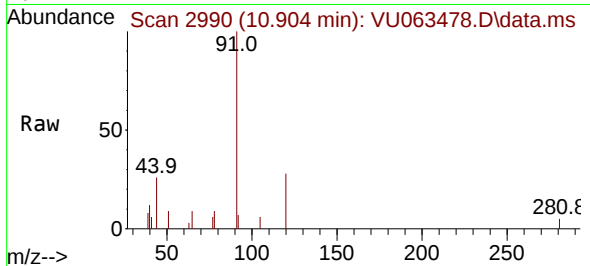




#78
n-propylbenzene
Concen: 0.694 ug/l
RT: 10.904 min Scan# 2988
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

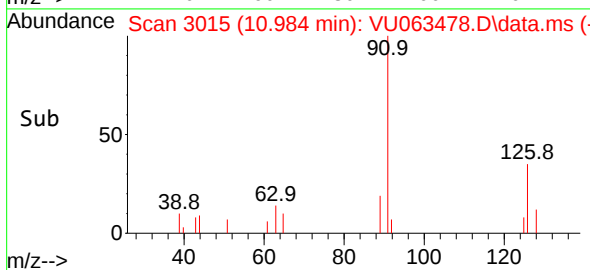
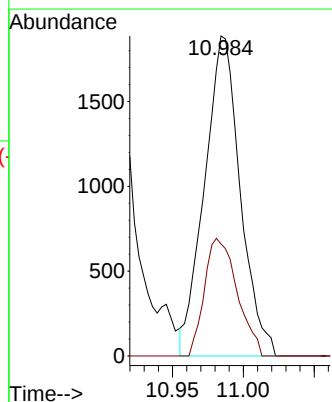
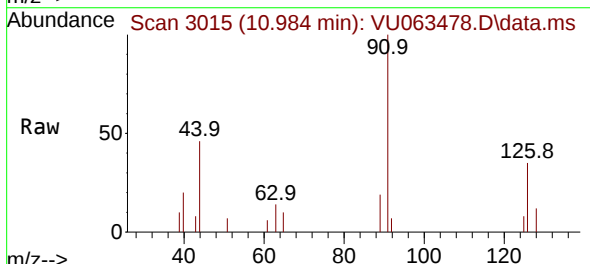
Instrument :
MSVOA_U
ClientSampleId :
MDL01

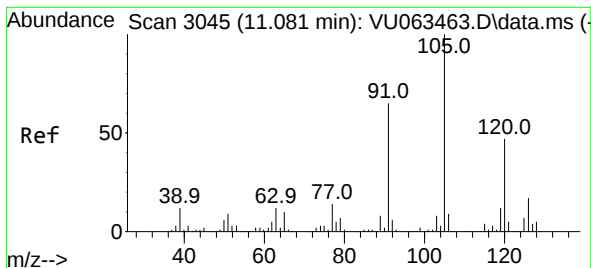
Tgt Ion: 91 Resp: 5263
Ion Ratio Lower Upper
91 100
120 24.0 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.694 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 91 Resp: 3304
Ion Ratio Lower Upper
91 100
126 33.7 15.9 47.7





#80

1,3,5-Trimethylbenzene

Concen: 0.601 ug/l

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

Instrument :

MSVOA_U

ClientSampleId :

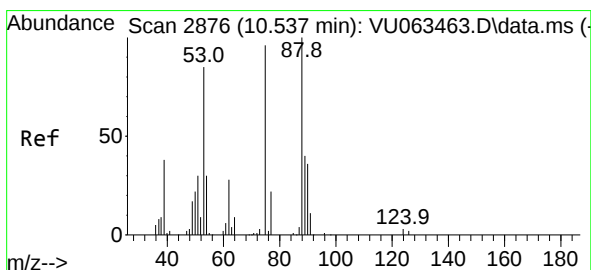
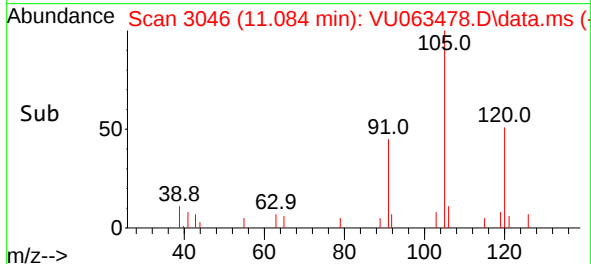
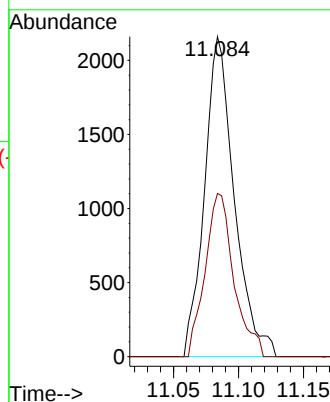
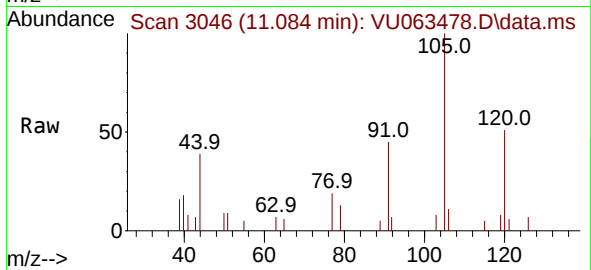
MDL01

Tgt Ion:105 Resp: 3440

Ion Ratio Lower Upper

105 100

120 49.2 23.4 70.2



#81

trans-1,4-Dichloro-2-butene

Concen: 86.927 ug/l

RT: 10.624 min Scan# 2903

Delta R.T. 0.087 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

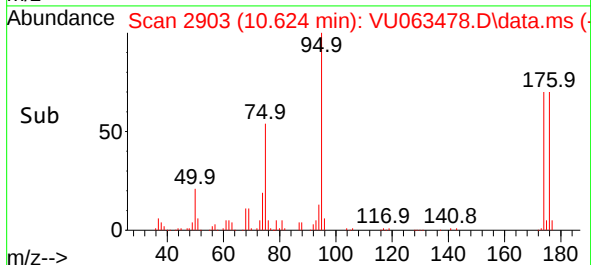
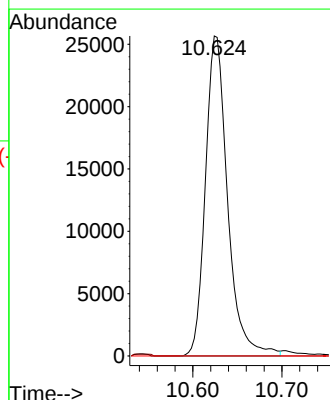
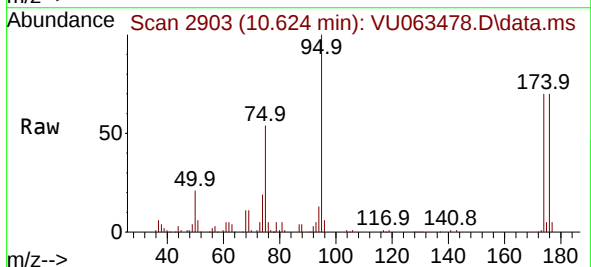
Tgt Ion: 75 Resp: 44400

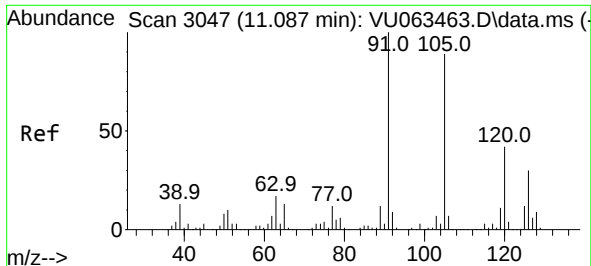
Ion Ratio Lower Upper

75 100

53 0.0 74.6 111.8#

89 0.0 36.3 54.5#

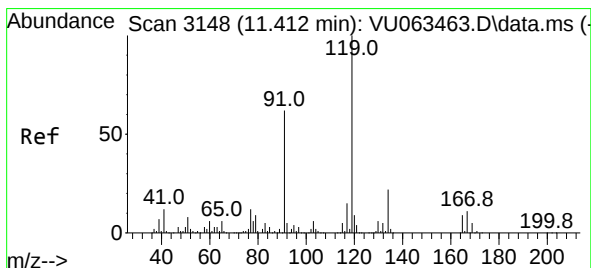
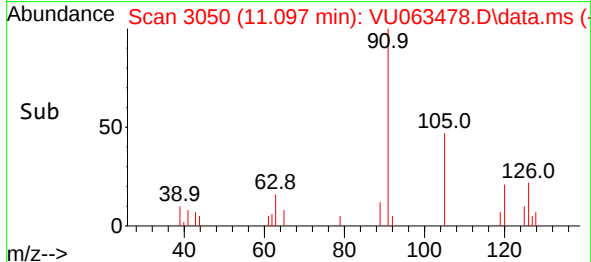
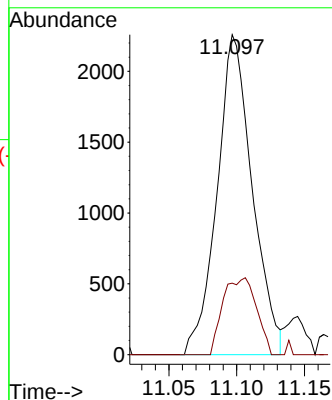
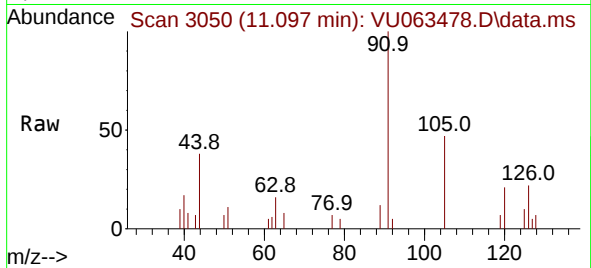




#82
4-Chlorotoluene
Concen: 0.754 ug/l
RT: 11.097 min Scan# 3047
Delta R.T. 0.009 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

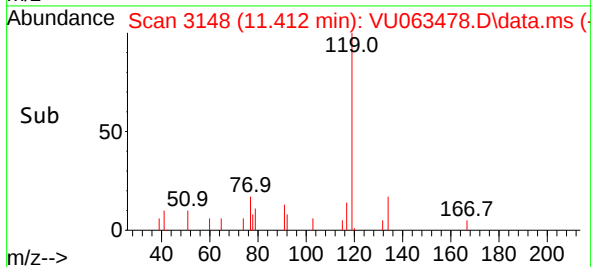
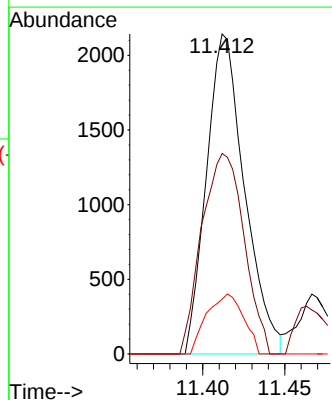
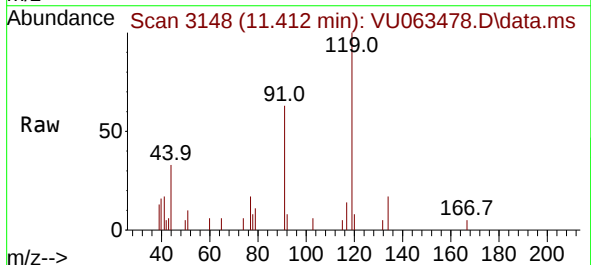
Instrument :
MSVOA_U
ClientSampleId :
MDL01

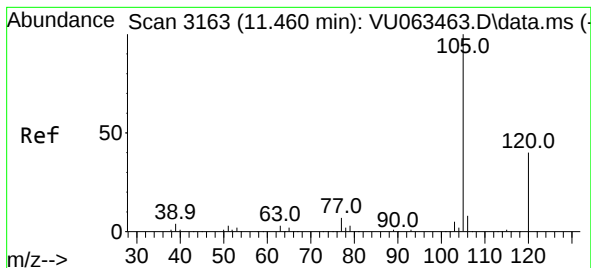
Tgt Ion: 91 Resp: 4074
Ion Ratio Lower Upper
91 100
126 22.9 14.4 43.2



#83
tert-Butylbenzene
Concen: 0.630 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion: 119 Resp: 3457
Ion Ratio Lower Upper
119 100
91 69.3 30.3 91.0
134 18.1 11.2 33.6





#84

1,2,4-Trimethylbenzene

Concen: 0.662 ug/l

RT: 11.466 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU063478.D

Acq: 10 Jul 2025 14:11

Instrument :

MSVOA_U

ClientSampleId :

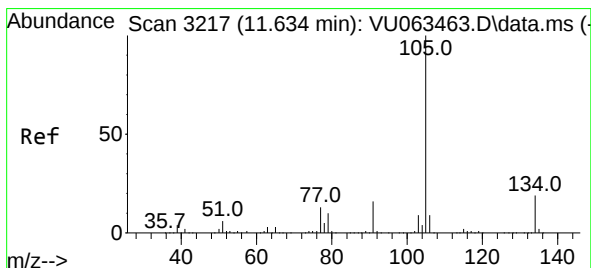
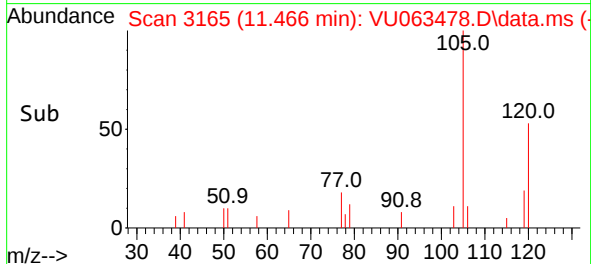
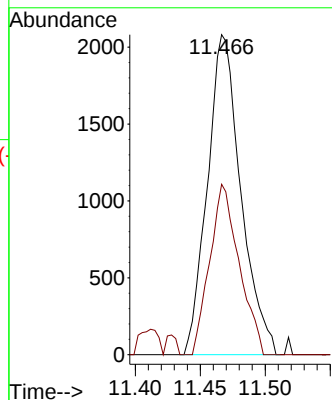
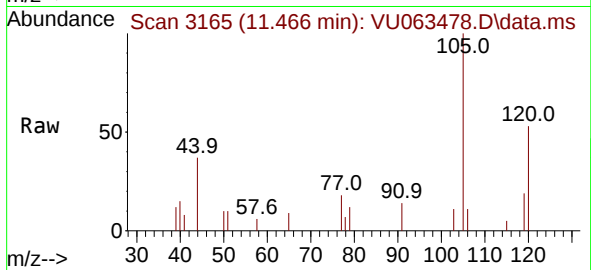
MDL01

Tgt Ion:105 Resp: 3722

Ion Ratio Lower Upper

105 100

120 46.9 22.1 66.3



#85

sec-Butylbenzene

Concen: 0.670 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU063478.D

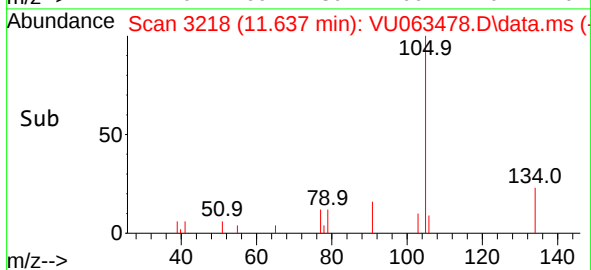
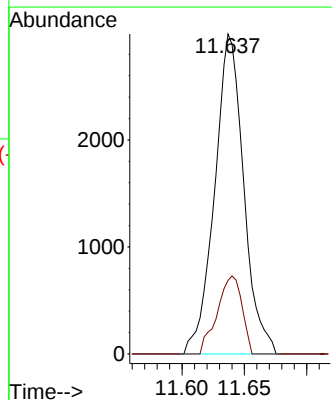
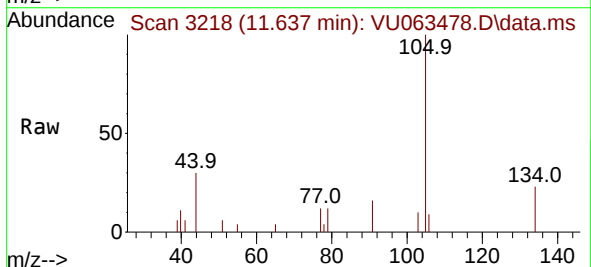
Acq: 10 Jul 2025 14:11

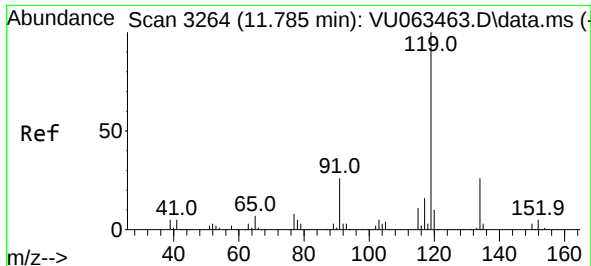
Tgt Ion:105 Resp: 4851

Ion Ratio Lower Upper

105 100

134 20.7 9.7 29.1

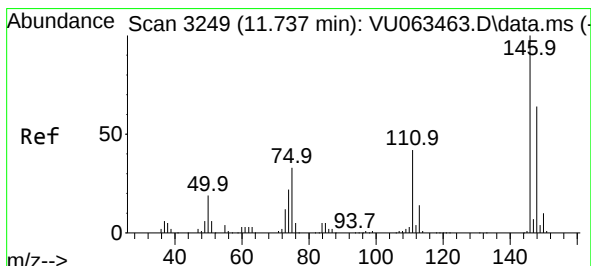
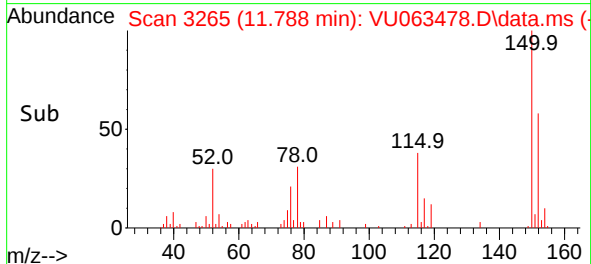
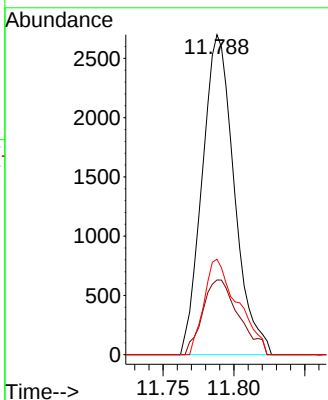
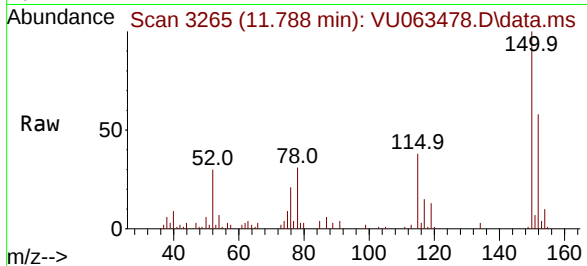




#86
 p-Isopropyltoluene
 Concen: 0.724 ug/l
 RT: 11.788 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

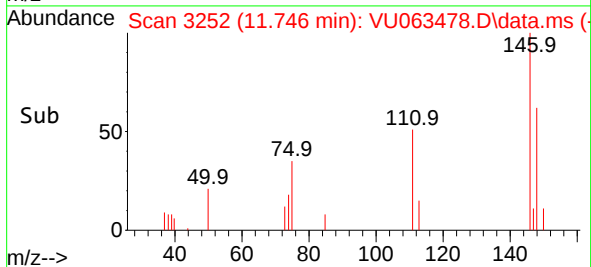
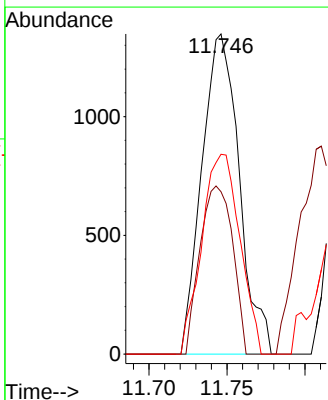
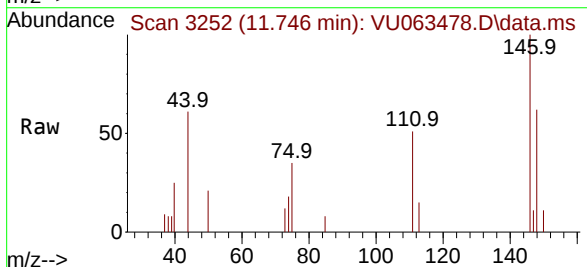
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

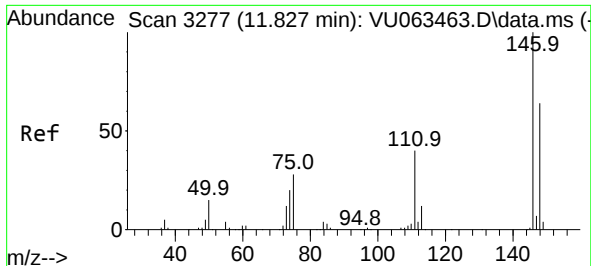
Tgt Ion:	119	Resp:	4250
Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.0	38.9
91	31.4	13.0	38.9



#87
 1,3-Dichlorobenzene
 Concen: 0.727 ug/l
 RT: 11.746 min Scan# 3252
 Delta R.T. 0.009 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

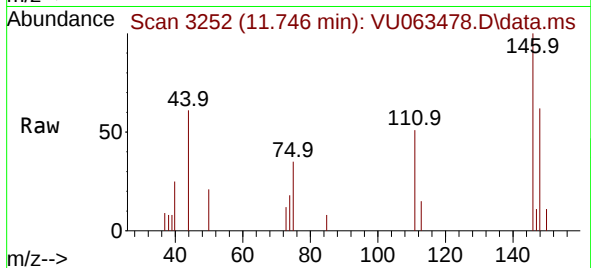
Tgt Ion:	146	Resp:	2245
Ion	Ratio	Lower	Upper
146	100		
111	46.1	20.9	62.7
148	63.6	31.9	95.9



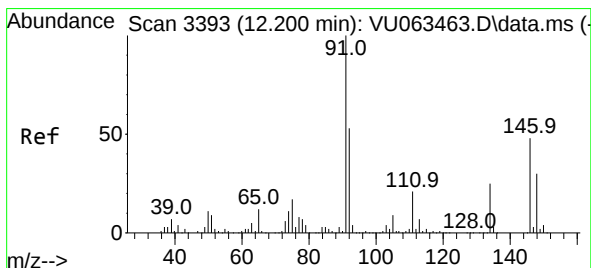
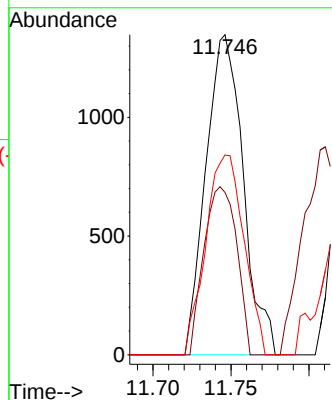
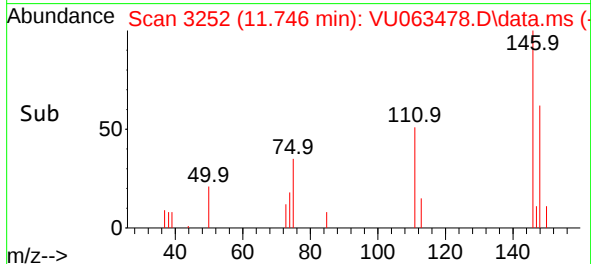


#88
1,4-Dichlorobenzene
Concen: 0.713 ug/l
RT: 11.746 min Scan# 31
Delta R.T. -0.081 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

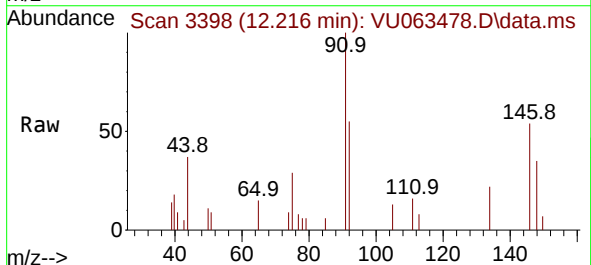
Instrument :
MSVOA_U
ClientSampleId :
MDL01



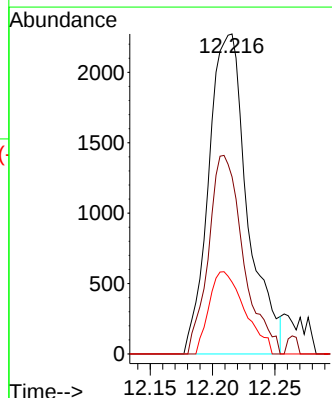
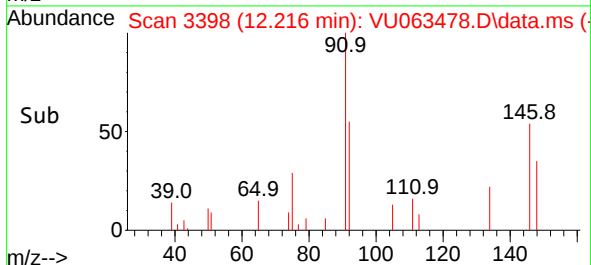
Tgt Ion:146 Resp: 2245
Ion Ratio Lower Upper
146 100
111 46.1 20.8 62.4
148 63.6 31.9 95.9

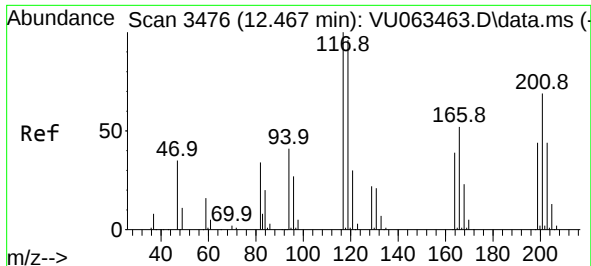


#89
n-Butylbenzene
Concen: 0.902 ug/l
RT: 12.216 min Scan# 3398
Delta R.T. 0.016 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11



Tgt Ion: 91 Resp: 4902
Ion Ratio Lower Upper
91 100
92 55.9 26.4 79.2
134 23.7 12.4 37.0

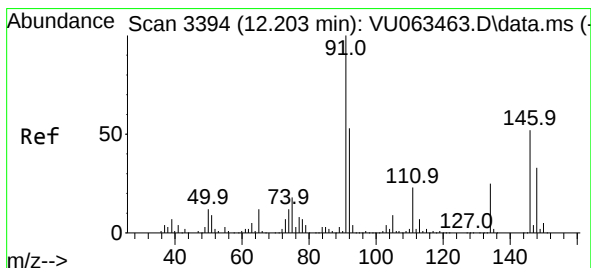
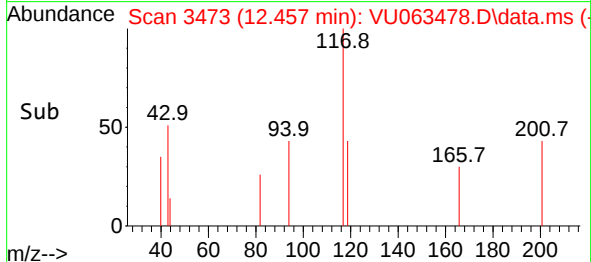
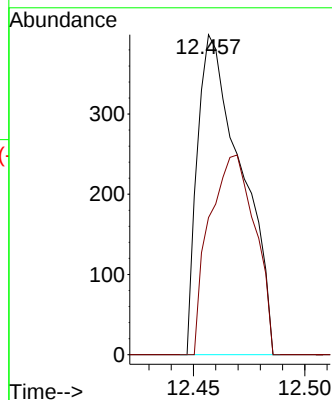
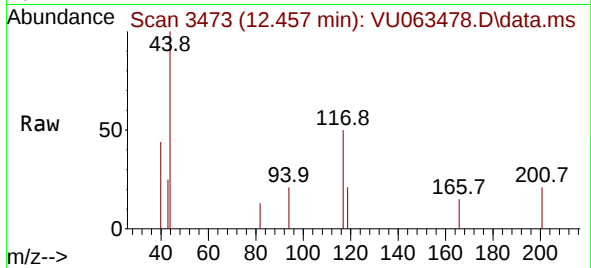




#90
Hexachloroethane
Concen: 0.558 ug/l
RT: 12.457 min Scan# 3476
Delta R.T. -0.010 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

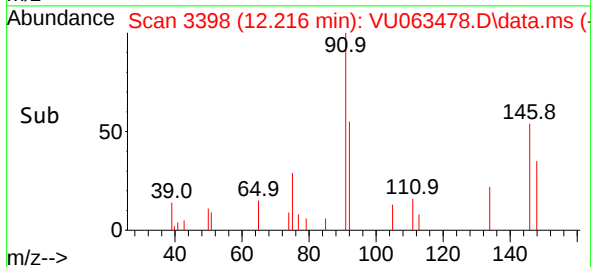
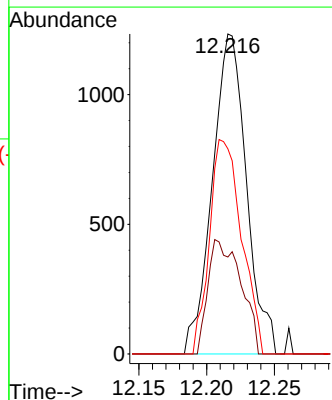
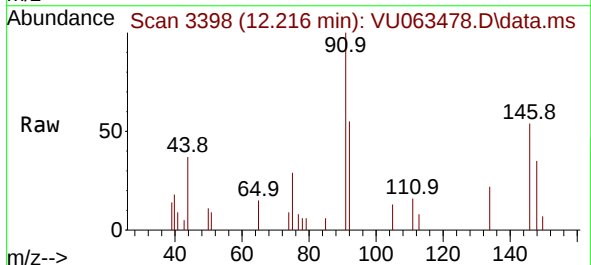
Instrument :
MSVOA_U
ClientSampleId :
MDL01

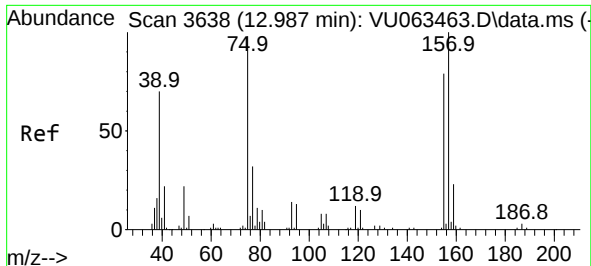
Tgt Ion:117 Resp: 548
Ion Ratio Lower Upper
117 100
201 64.4 34.4 103.2



#91
1,2-Dichlorobenzene
Concen: 0.716 ug/l
RT: 12.216 min Scan# 3398
Delta R.T. 0.013 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion:146 Resp: 2157
Ion Ratio Lower Upper
146 100
111 34.5 21.9 65.5
148 63.0 31.6 95.0

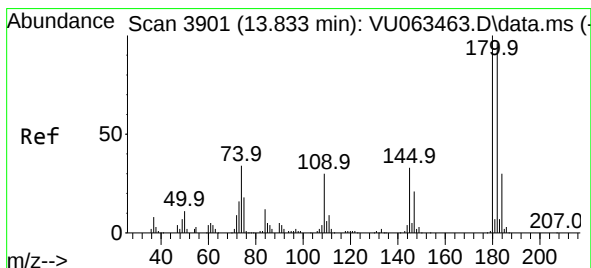
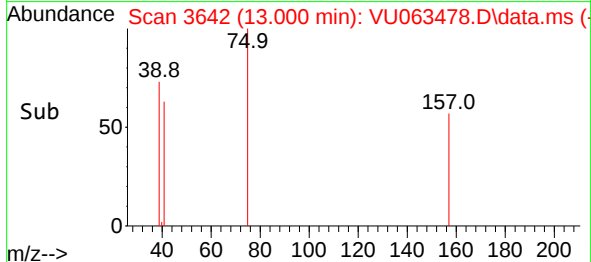
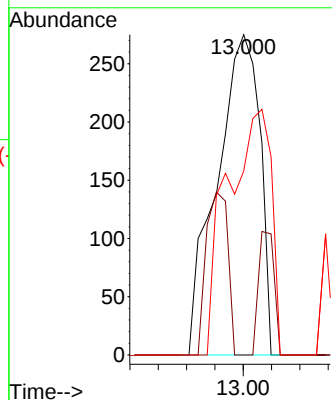
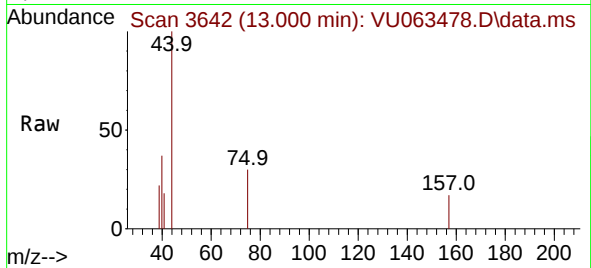




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.510 ug/l
 RT: 13.000 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

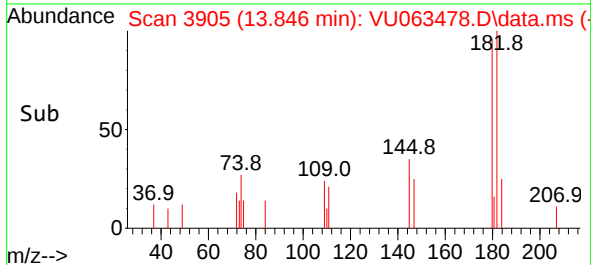
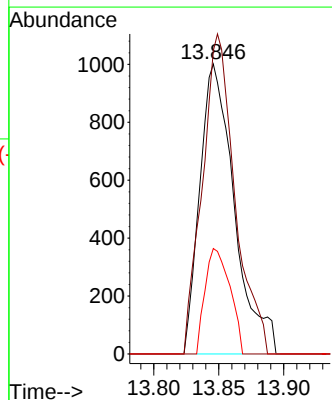
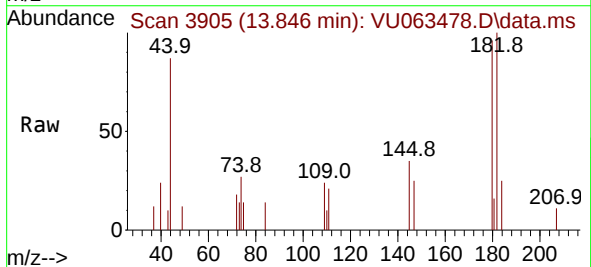
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

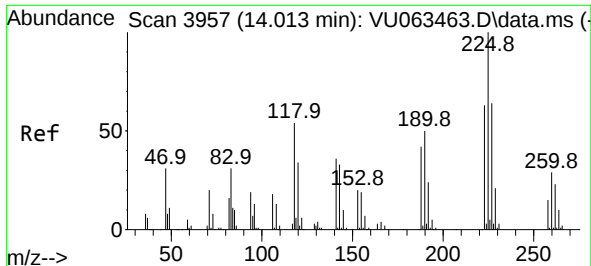
Tgt Ion: 75 Resp: 291
 Ion Ratio Lower Upper
 75 100
 155 13.7 39.1 117.5#
 157 77.7 49.4 148.2



#93
 1,2,4-Trichlorobenzene
 Concen: 0.961 ug/l
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.013 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

Tgt Ion: 180 Resp: 1855
 Ion Ratio Lower Upper
 180 100
 182 103.8 47.7 143.1
 145 26.0 16.6 49.7

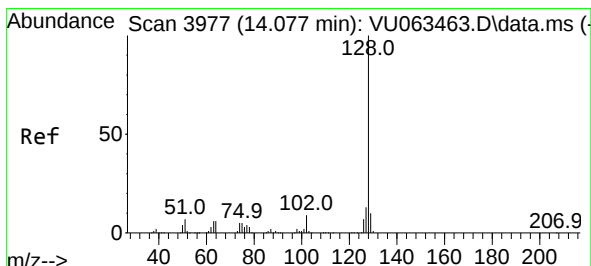
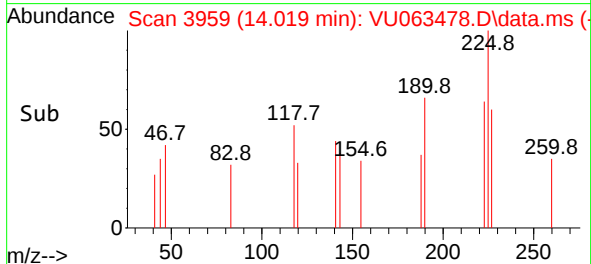
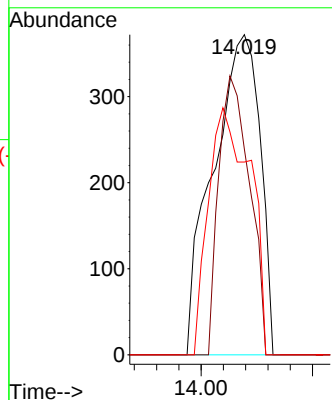
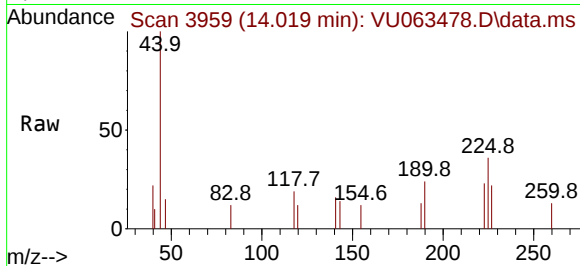




#94
Hexachlorobutadiene
Concen: 0.661 ug/l
RT: 14.019 min Scan# 3959
Delta R.T. 0.006 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

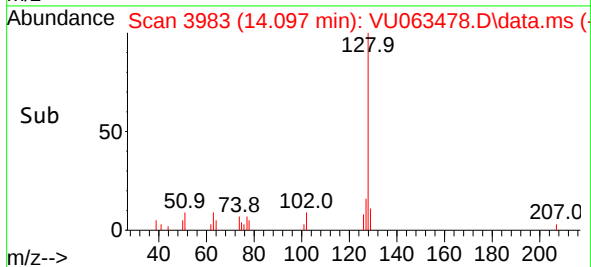
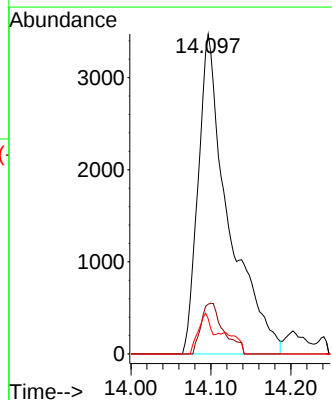
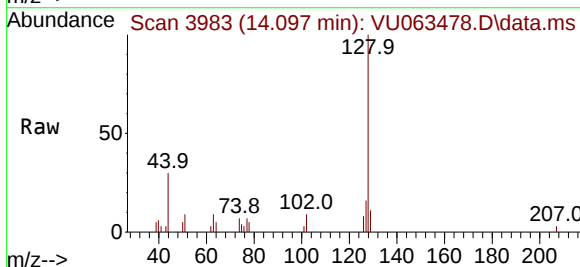
Instrument :
MSVOA_U
ClientSampleId :
MDL01

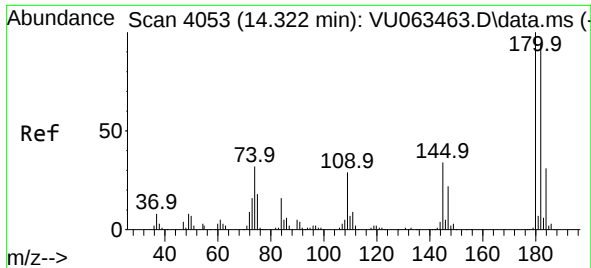
Tgt Ion:	225	Resp:	545
Ion Ratio	Lower	Upper	
225	100		
223	57.2	32.4	97.0
227	68.6	32.3	96.9



#95
Naphthalene
Concen: 1.444 ug/l
RT: 14.097 min Scan# 3983
Delta R.T. 0.019 min
Lab File: VU063478.D
Acq: 10 Jul 2025 14:11

Tgt Ion:	128	Resp:	9124
Ion Ratio	Lower	Upper	
128	100		
127	11.8	10.2	15.4
129	5.8	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 1.041 ug/l
 RT: 14.328 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: VU063478.D
 Acq: 10 Jul 2025 14:11

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Tgt Ion:180 Resp: 1975
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.8 143.3
 145 30.9 17.2 51.5

