

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
 Data File : VU063508.D
 Acq On : 14 Jul 2025 15:01
 Operator : MD/SY
 Sample : MDL07
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Quant Time: Jul 15 01:37:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	94132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	172437	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	158369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	82587	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	68521	57.053	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.100%	
35) Dibromofluoromethane	5.277	113	54162	52.108	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.220%	
50) Toluene-d8	7.888	98	166648	49.185	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.380%	
62) 4-Bromofluorobenzene	10.624	95	75808	51.152	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.300%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.383	85	402	0.537	ug/l #	43
3) Chloromethane	1.518	50	641	0.703	ug/l	97
4) Vinyl Chloride	1.599	62	711	0.703	ug/l	96
5) Bromomethane	1.846	94	929	1.311	ug/l	95
6) Chloroethane	1.927	64	829	1.132	ug/l	90
7) Trichlorofluoromethane	2.126	101	921	0.565	ug/l #	81
8) Diethyl Ether	2.370	74	513	0.755	ug/l	58
9) 1,1,2-Trichlorotrifluo...	2.567	101	521	0.540	ug/l	88
10) Methyl Iodide	2.708	142	558	0.554	ug/l #	89
11) Tert butyl alcohol	3.190	59	930	2.310	ug/l #	50
12) 1,1-Dichloroethene	2.570	96	494	0.550	ug/l	97
13) Acrolein	2.483	56	483	8.498	ug/l #	72
14) Allyl chloride	2.914	41	959	0.449	ug/l #	80
15) Acrylonitrile	3.306	53	2789	3.233	ug/l	92
16) Acetone	2.621	43	2928	2.906	ug/l	91
17) Carbon Disulfide	2.776	76	1661	0.774	ug/l #	72
18) Methyl Acetate	2.943	43	1827	0.705	ug/l #	67
19) Methyl tert-butyl Ether	3.364	73	2032	0.525	ug/l #	61
20) Methylene Chloride	3.033	84	1177	0.801	ug/l #	86
21) trans-1,2-Dichloroethene	3.332	96	452	0.468	ug/l	90
22) Diisopropyl ether	3.988	45	1747	0.480	ug/l #	12
23) Vinyl Acetate	3.969	43	7044	2.494	ug/l #	91
24) 1,1-Dichloroethane	3.853	63	1173	0.568	ug/l #	82
25) 2-Butanone	4.769	43	2478	2.191	ug/l #	83
26) 2,2-Dichloropropane	4.641	77	306	0.170	ug/l #	52
27) cis-1,2-Dichloroethene	4.663	96	727	0.571	ug/l	71
28) Bromochloromethane	4.968	49	490	0.505	ug/l #	30
29) Tetrahydrofuran	5.075	42	1836	2.573	ug/l #	78
30) Chloroform	5.081	83	1240	0.569	ug/l	97
31) Cyclohexane	5.364	56	3638	2.191	ug/l #	41
32) 1,1,1-Trichloroethane	5.300	97	596	0.321	ug/l #	49
36) 1,1-Dichloropropene	5.521	75	431	0.305	ug/l #	42
37) Ethyl Acetate	4.769	43	2478	1.083	ug/l #	70
38) Carbon Tetrachloride	5.502	117	602	0.387	ug/l #	64
39) Methylcyclohexane	6.740	83	538	0.315	ug/l	97
40) Benzene	5.772	78	2252	0.511	ug/l	95

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.936	41	21	0.019	ug/l #	21
42) 1,2-Dichloroethane	5.798	62	796	0.480	ug/l #	76
43) Isopropyl Acetate	5.923	43	575	0.189	ug/l #	72
44) Trichloroethene	6.531	130	535	0.453	ug/l	91
45) 1,2-Dichloropropane	6.785	63	557	0.454	ug/l #	43
46) Dibromomethane	6.917	93	468	0.536	ug/l #	29
47) Bromodichloromethane	7.103	83	692	0.381	ug/l #	65
48) Methyl methacrylate	6.984	41	532	0.379	ug/l #	74
49) 1,4-Dioxane	6.981	88	97	3.148	ug/l #	37
51) 4-Methyl-2-Pentanone	7.795	43	6087	2.768	ug/l	93
52) Toluene	7.965	92	1628	0.564	ug/l	89
53) t-1,3-Dichloropropene	8.213	75	704	0.443	ug/l #	83
54) cis-1,3-Dichloropropene	7.605	75	676	0.380	ug/l #	41
55) 1,1,2-Trichloroethane	8.399	97	556	0.454	ug/l #	84
56) Ethyl methacrylate	8.341	69	742	0.375	ug/l #	77
57) 1,3-Dichloropropane	8.570	76	913	0.452	ug/l	100
59) 2-Hexanone	8.695	43	5199	3.126	ug/l	79
60) Dibromochloromethane	8.804	129	545	0.397	ug/l	87
61) 1,2-Dibromoethane	8.920	107	638	0.531	ug/l #	80
64) Tetrachloroethene	8.541	164	630	0.534	ug/l #	82
65) Chlorobenzene	9.441	112	1787	0.542	ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.528	131	408	0.361	ug/l #	49
67) Ethyl Benzene	9.566	91	2976	0.526	ug/l	98
68) m/p-Xylenes	9.689	106	2195	1.016	ug/l	95
69) o-Xylene	10.097	106	1083	0.493	ug/l	87
70) Styrene	10.123	104	1606	0.460	ug/l #	88
71) Bromoform	10.283	173	340	0.345	ug/l #	29
73) Isopropylbenzene	10.476	105	2612	0.465	ug/l	96
74) N-amyl acetate	10.338	43	1324	0.525	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	10.779	83	1033	0.499	ug/l #	80
76) 1,2,3-Trichloropropane	10.624	75	40836	18.660	ug/l #	84
77) Bromobenzene	10.775	156	621	0.451	ug/l #	53
78) n-propylbenzene	10.904	91	3561	0.546	ug/l	97
79) 2-Chlorotoluene	10.981	91	2135	0.522	ug/l	87
80) 1,3,5-Trimethylbenzene	11.081	105	2246	0.457	ug/l	88
81) trans-1,4-Dichloro-2-b...	10.624	75	40836	93.067	ug/l #	12
82) 4-Chlorotoluene	11.103	91	2562	0.552	ug/l	90
83) tert-Butylbenzene	11.412	119	2224	0.472	ug/l	91
84) 1,2,4-Trimethylbenzene	11.467	105	2266	0.469	ug/l	99
85) sec-Butylbenzene	11.637	105	3067	0.493	ug/l	97
86) p-Isopropyltoluene	11.788	119	2459	0.487	ug/l	89
87) 1,3-Dichlorobenzene	11.750	146	1462	0.551	ug/l	97
88) 1,4-Dichlorobenzene	11.750	146	1462	0.540	ug/l	97
89) n-Butylbenzene	12.209	91	2927	0.627	ug/l	83
90) Hexachloroethane	12.470	117	228	0.270	ug/l #	15
91) 1,2-Dichlorobenzene	12.213	146	1134	0.438	ug/l	82
92) 1,2-Dibromo-3-Chloropr...	13.007	75	125	0.255	ug/l #	52
93) 1,2,4-Trichlorobenzene	13.849	180	1014	0.612	ug/l	90
94) Hexachlorobutadiene	14.016	225	215	0.303	ug/l	90
95) Naphthalene	14.106	128	5546	1.022	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.328	180	1072	0.658	ug/l #	88

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ALS Vial : 12 Sample Multiplier: 1

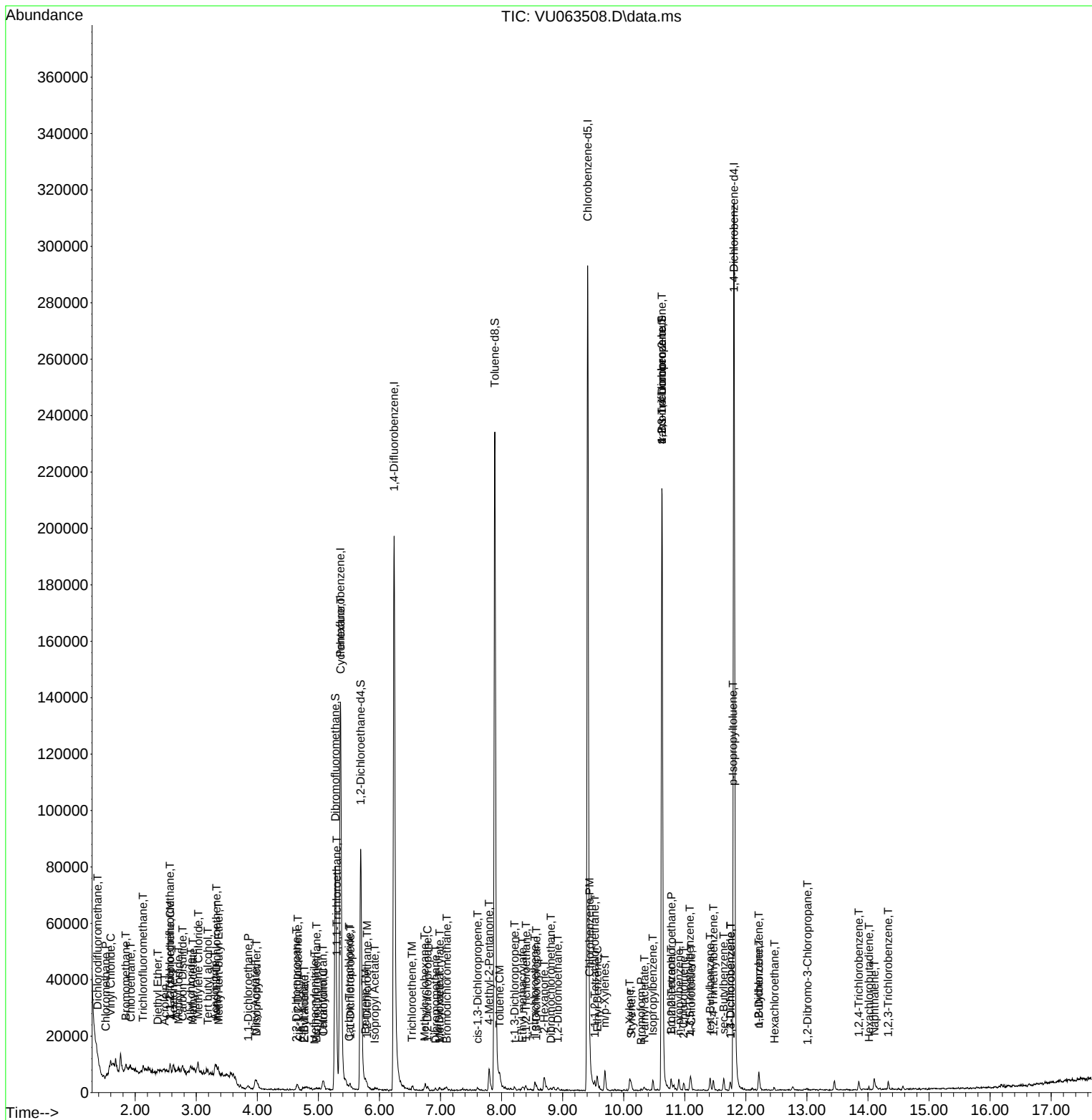
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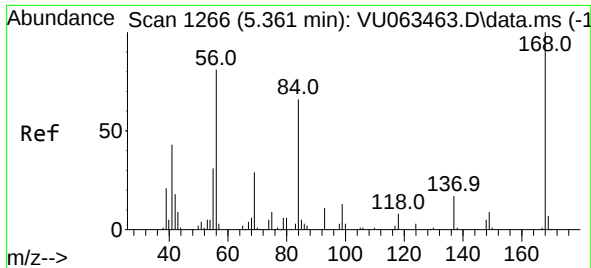
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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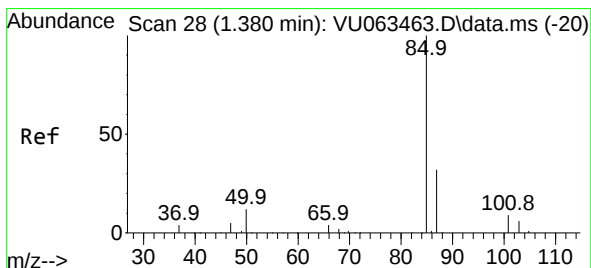
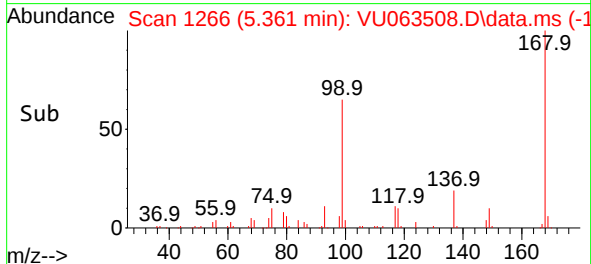
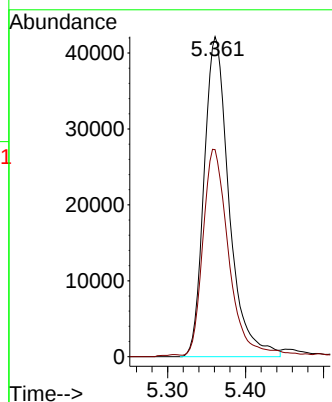
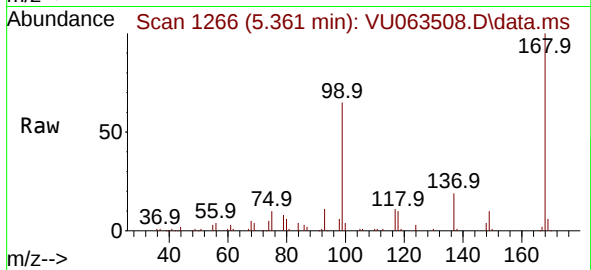




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

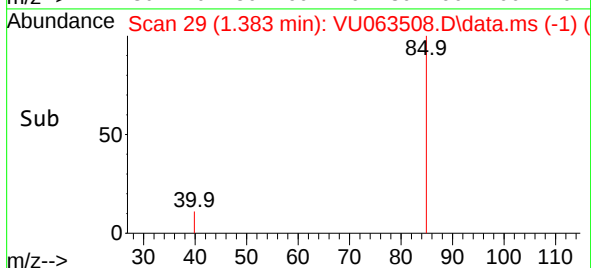
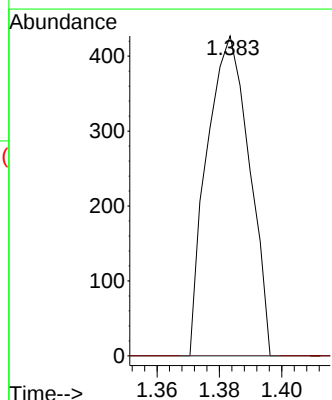
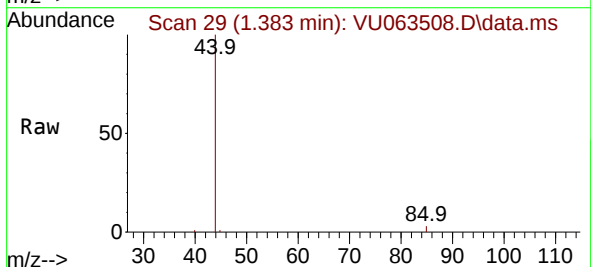
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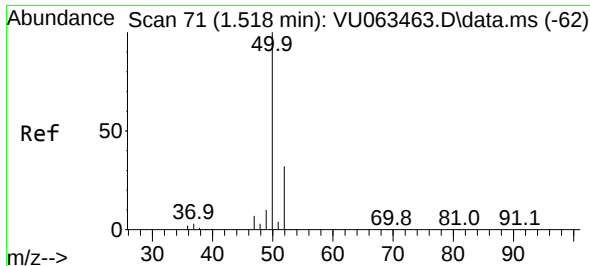
Tgt Ion:168 Resp: 94132
Ion Ratio Lower Upper
168 100
99 64.2 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 0.537 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 85 Resp: 402
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

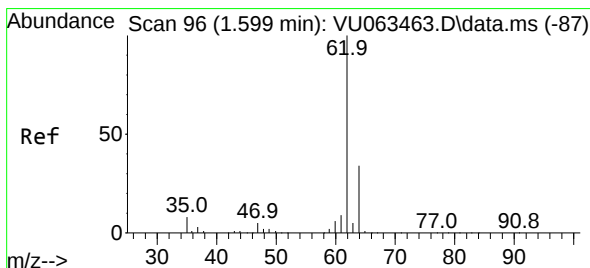
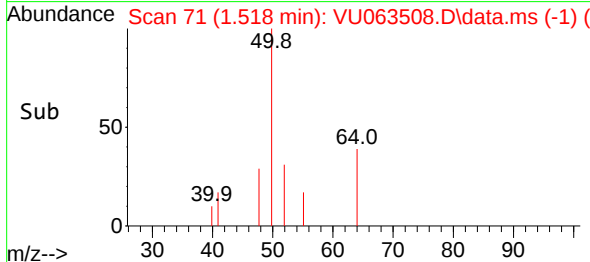
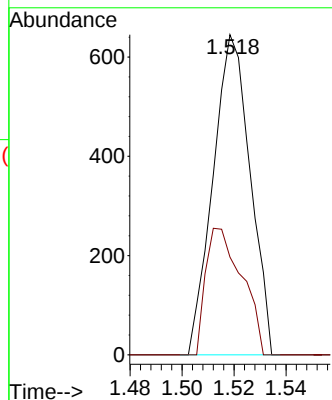
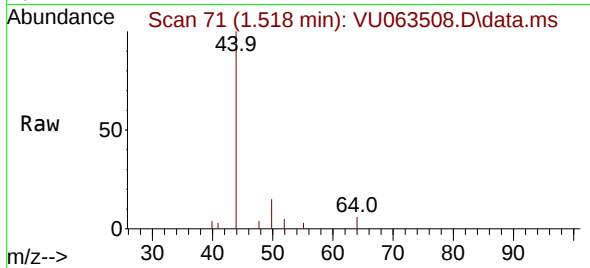




#3
 Chloromethane
 Concen: 0.703 ug/l
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU063508.D
 Acq: 14 Jul 2025 15:01

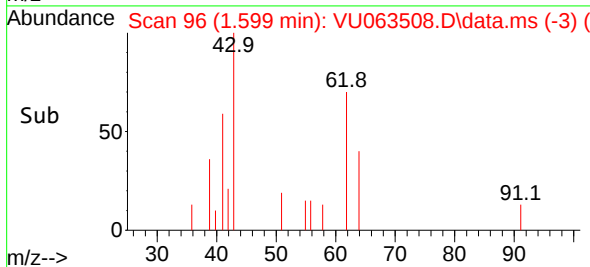
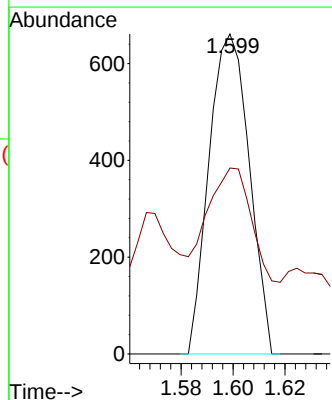
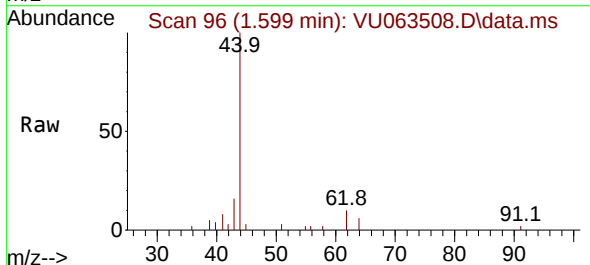
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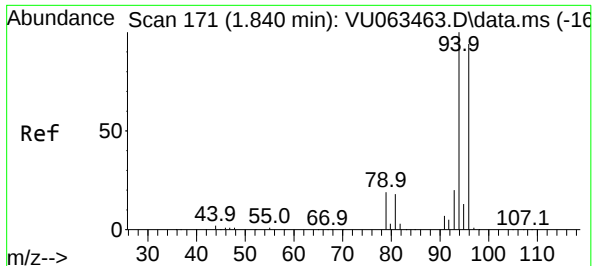
Tgt Ion: 50 Resp: 641
 Ion Ratio Lower Upper
 50 100
 52 30.5 25.8 38.8



#4
 Vinyl Chloride
 Concen: 0.703 ug/l
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU063508.D
 Acq: 14 Jul 2025 15:01

Tgt Ion: 62 Resp: 711
 Ion Ratio Lower Upper
 62 100
 64 35.7 26.9 40.3

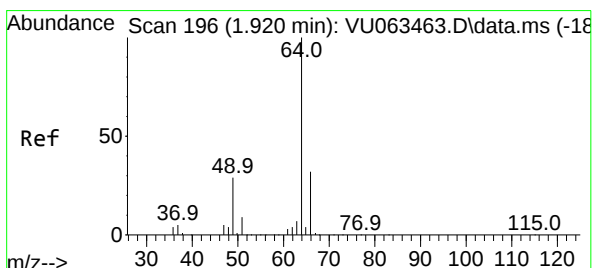
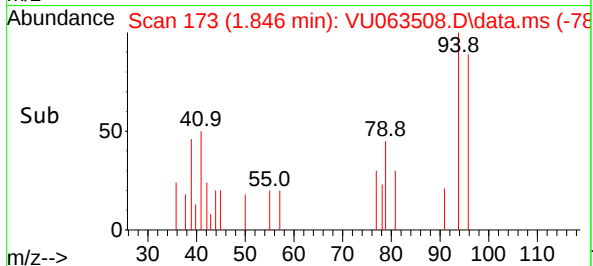
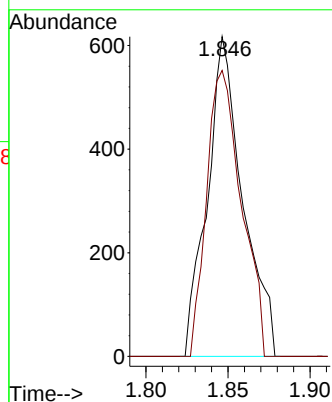
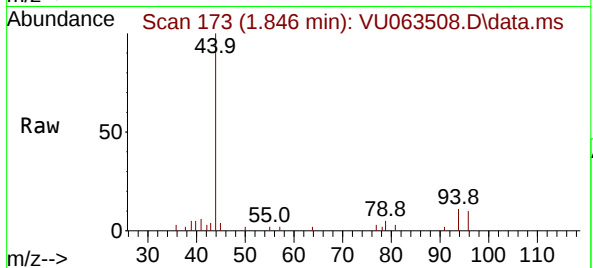




#5
Bromomethane
Concen: 1.311 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

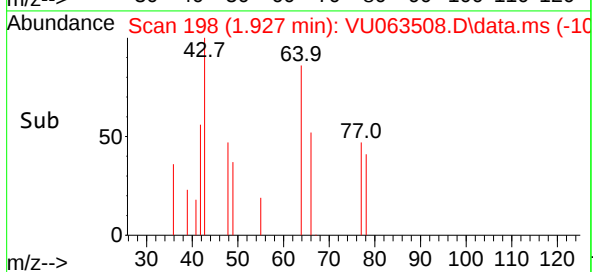
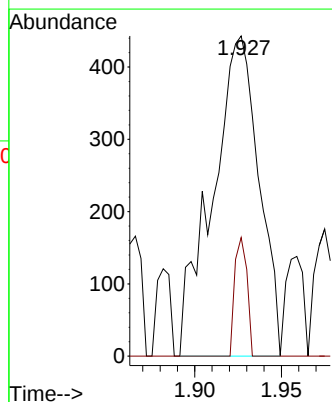
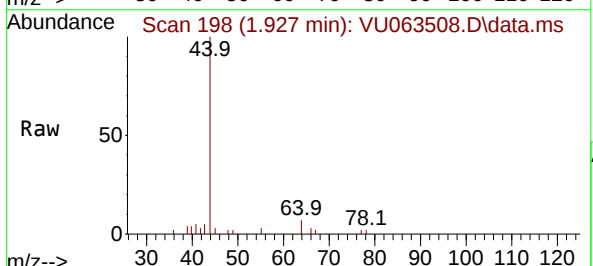
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Tgt Ion: 94 Resp: 929
Ion Ratio Lower Upper
94 100
96 89.5 75.5 113.3



#6
Chloroethane
Concen: 1.132 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.007 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 64 Resp: 829
Ion Ratio Lower Upper
64 100
66 37.0 25.3 37.9

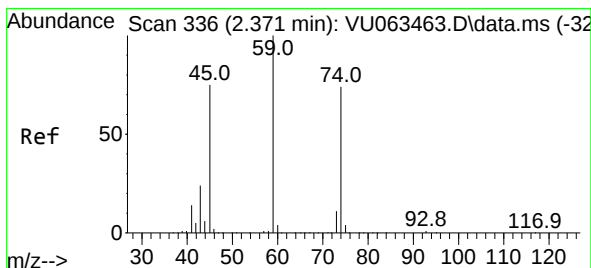
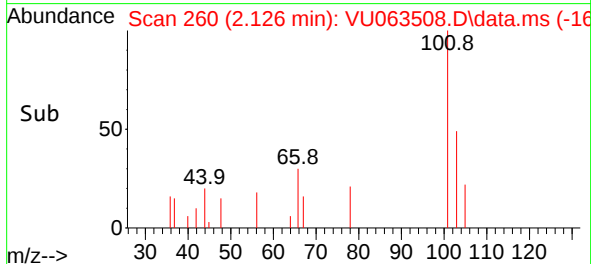
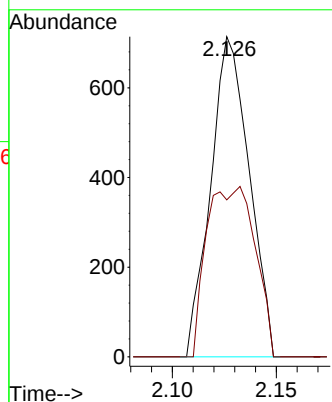
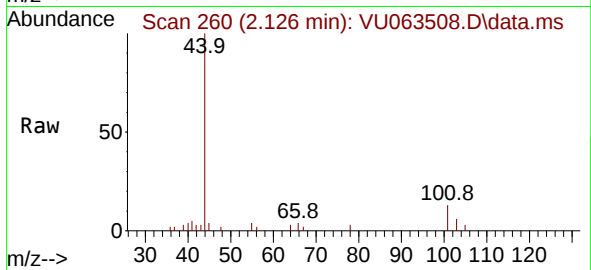




#7
 Trichlorofluoromethane
 Concen: 0.565 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU063508.D
 Acq: 14 Jul 2025 15:01

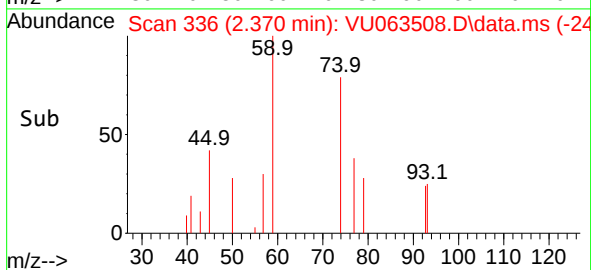
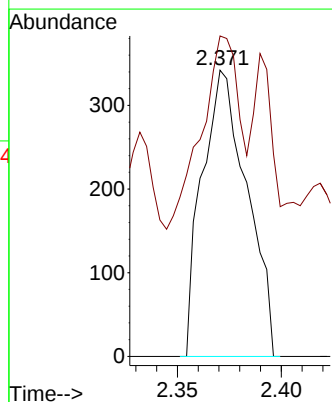
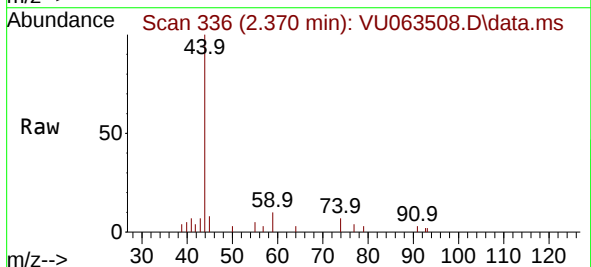
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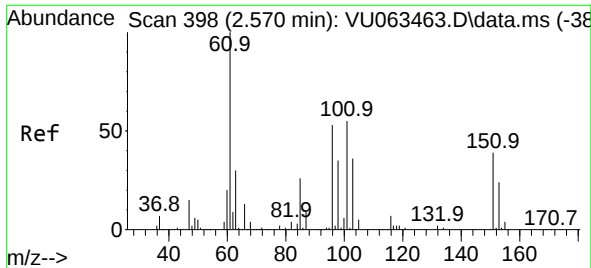
Tgt Ion:101 Resp: 921
 Ion Ratio Lower Upper
 101 100
 103 49.0 51.1 76.7#



#8
 Diethyl Ether
 Concen: 0.755 ug/l
 RT: 2.370 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VU063508.D
 Acq: 14 Jul 2025 15:01

Tgt Ion: 74 Resp: 513
 Ion Ratio Lower Upper
 74 100
 45 57.5 49.7 149.1

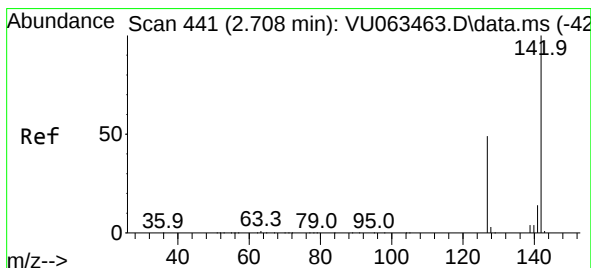
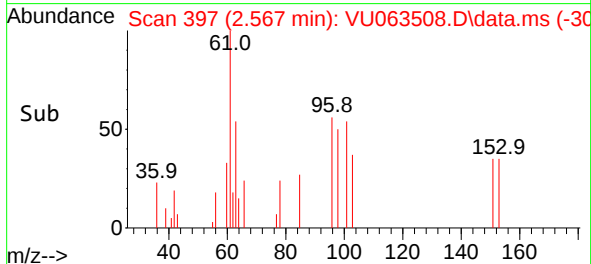
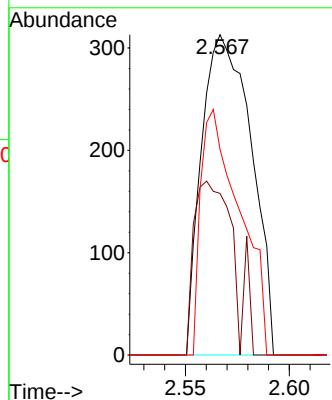
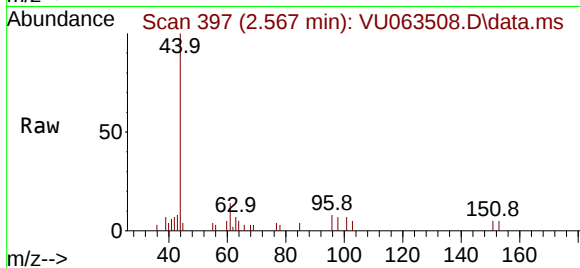




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.540 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
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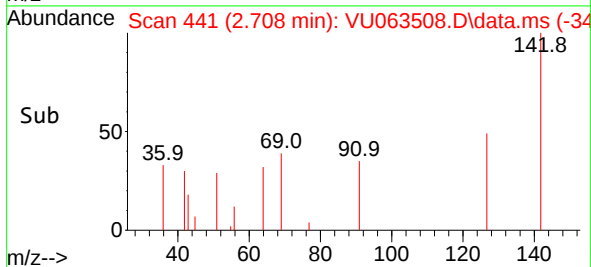
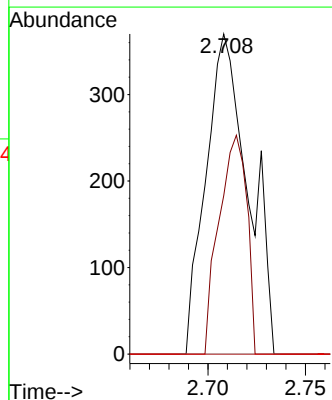
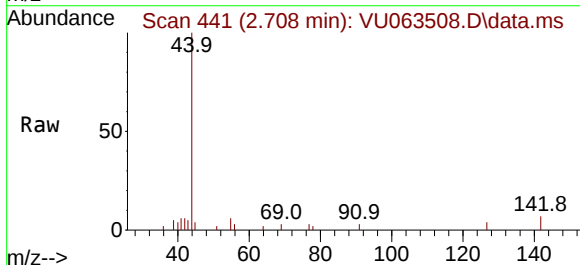
Instrument :
MSVOA_U
ClientSampleId :
MDL07

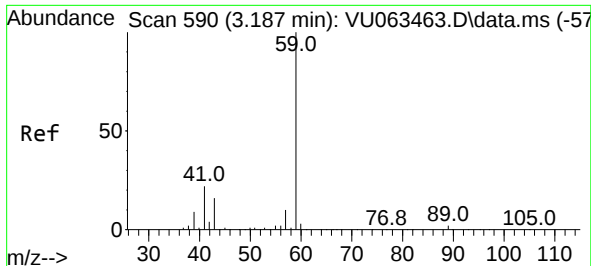
Tgt Ion:101	Resp:	521
Ion	Ratio	Lower Upper
101	100	
85	43.2	39.6 59.4
151	60.5	57.2 85.8



#10
Methyl Iodide
Concen: 0.554 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion:142	Resp:	558
Ion	Ratio	Lower Upper
142	100	
127	45.0	38.2 57.4
141	0.0	11.1 16.7#

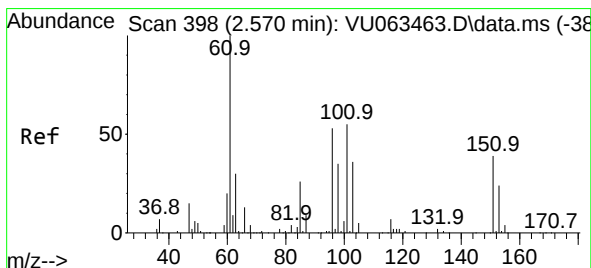
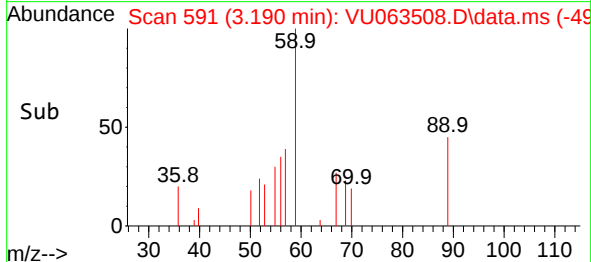
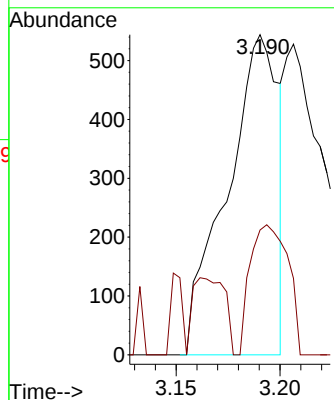
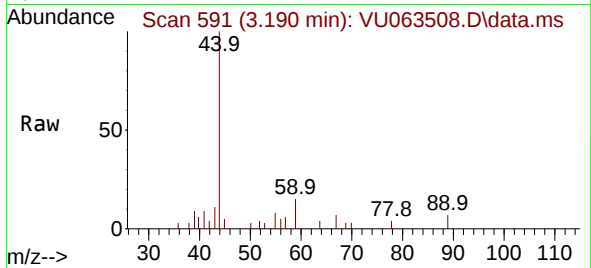




#11
Tert butyl alcohol
Concen: 2.310 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

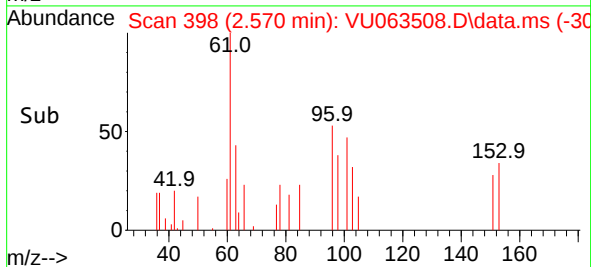
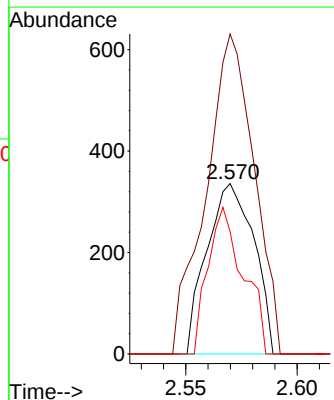
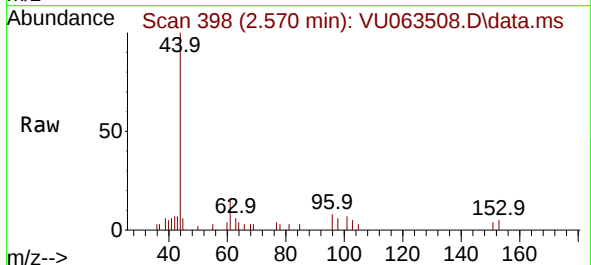
Instrument :
MSVOA_U
ClientSampleId :
MDL07

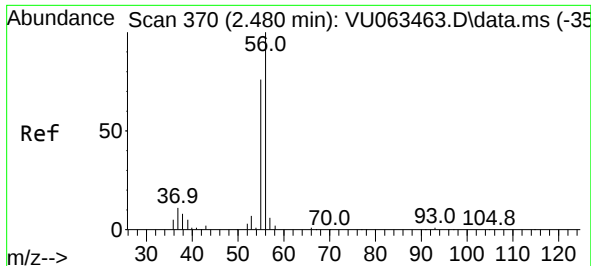
Tgt Ion: 59 Resp: 930
Ion Ratio Lower Upper
59 100
57 30.0 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 0.550 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 96 Resp: 494
Ion Ratio Lower Upper
96 100
61 187.8 149.6 224.4
98 71.7 52.0 78.0





#13

Acrolein

Concen: 8.498 ug/l

RT: 2.483 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

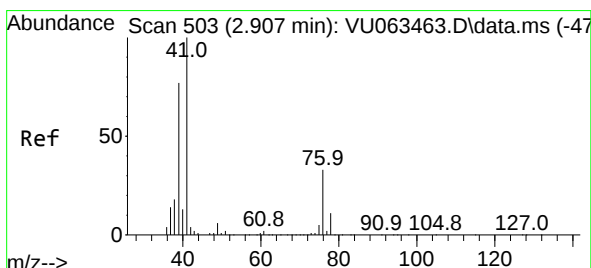
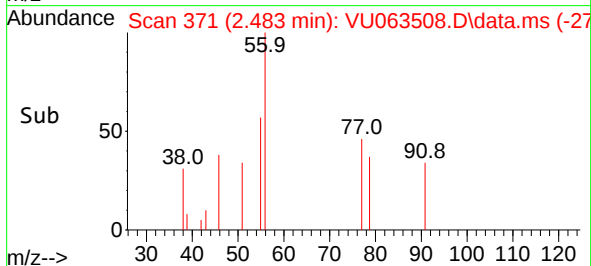
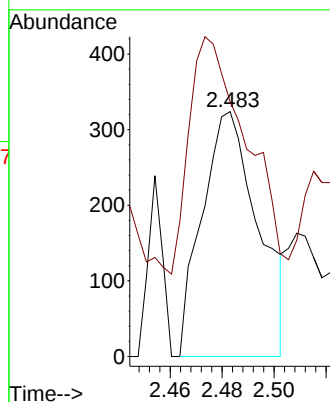
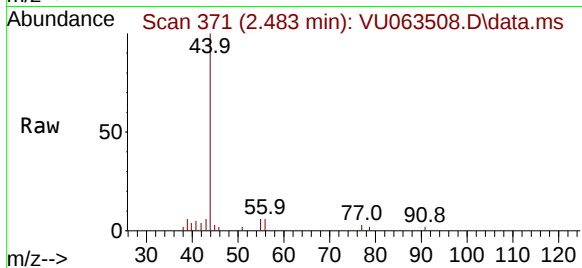
MDL07

Tgt Ion: 56 Resp: 483

Ion Ratio Lower Upper

56 100

55 99.0 60.2 90.2#



#14

Allyl chloride

Concen: 0.449 ug/l

RT: 2.914 min Scan# 505

Delta R.T. 0.006 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

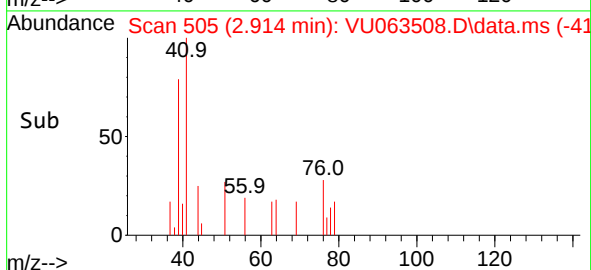
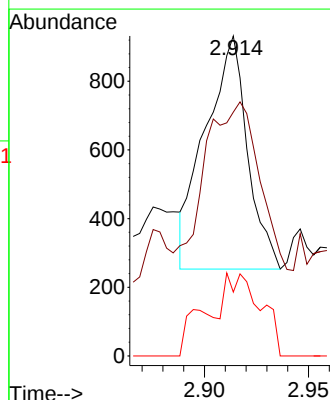
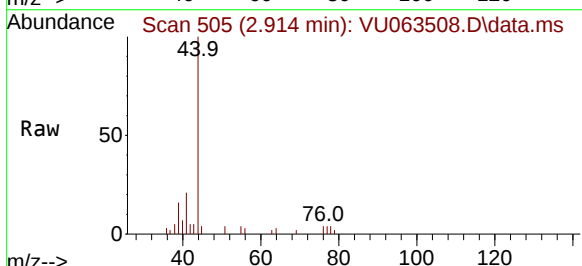
Tgt Ion: 41 Resp: 959

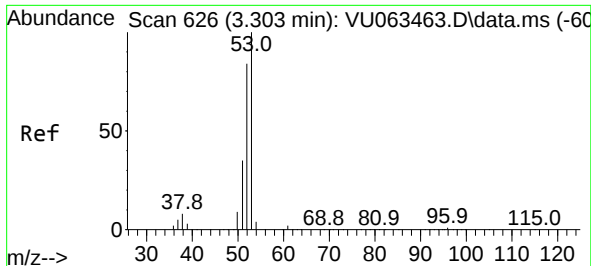
Ion Ratio Lower Upper

41 100

39 89.9 53.9 80.9#

76 29.2 23.1 34.7

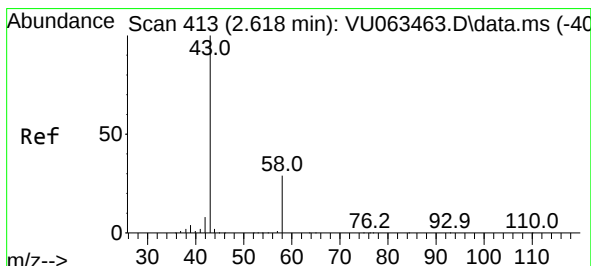
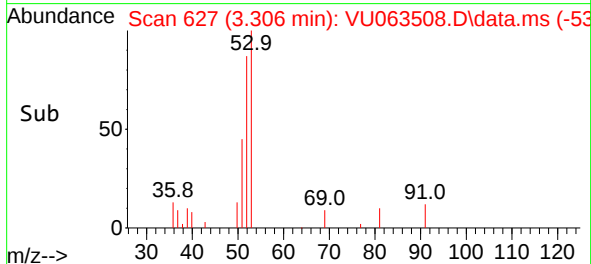
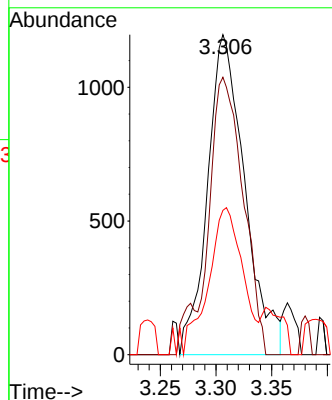
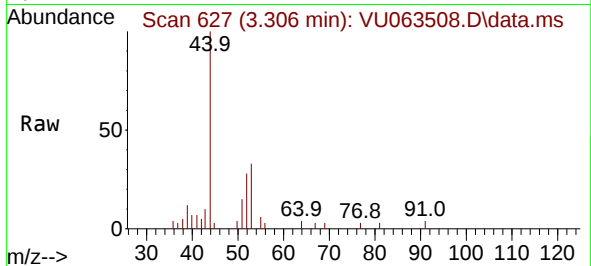




#15
Acrylonitrile
Concen: 3.233 ug/l
RT: 3.306 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

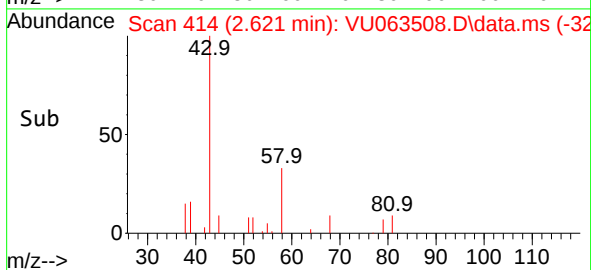
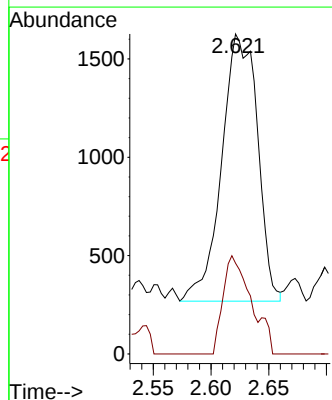
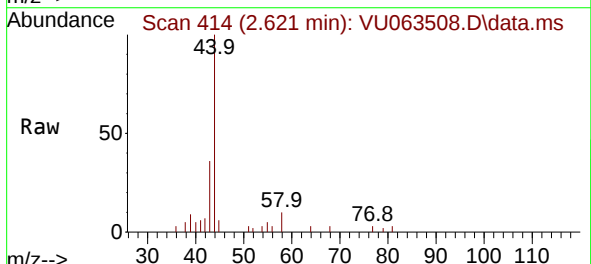
Instrument :
MSVOA_U
ClientSampleId :
MDL07

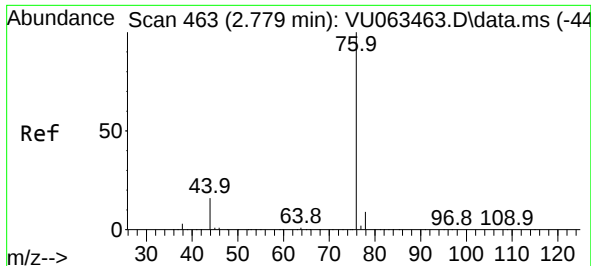
Tgt Ion: 53 Resp: 2789
Ion Ratio Lower Upper
53 100
52 75.5 65.0 97.4
51 43.1 28.8 43.2



#16
Acetone
Concen: 2.906 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 43 Resp: 2928
Ion Ratio Lower Upper
43 100
58 33.9 23.1 34.7

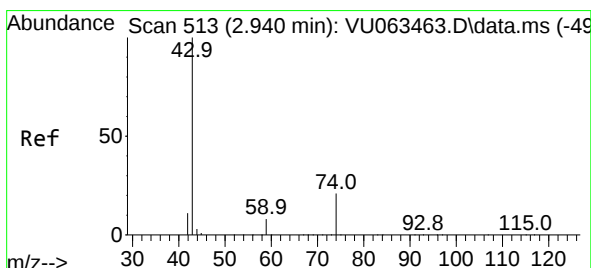
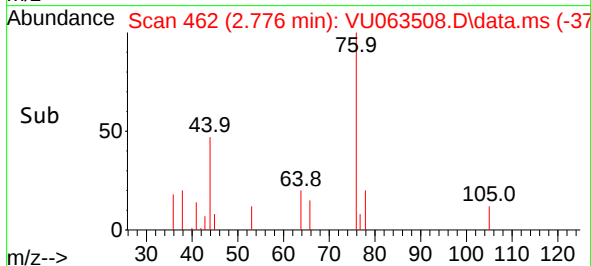
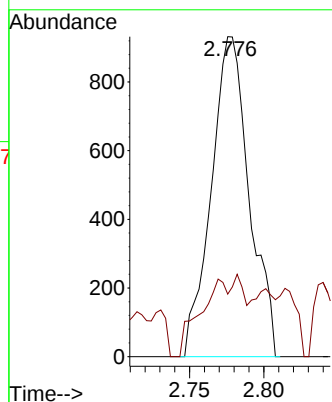
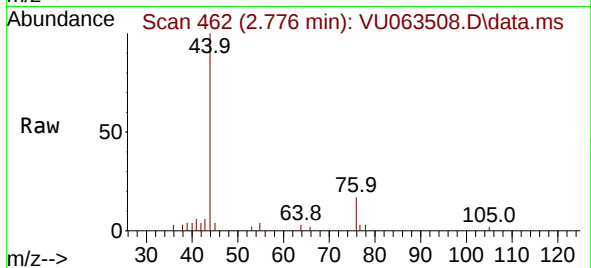




#17
Carbon Disulfide
Concen: 0.774 ug/l
RT: 2.776 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

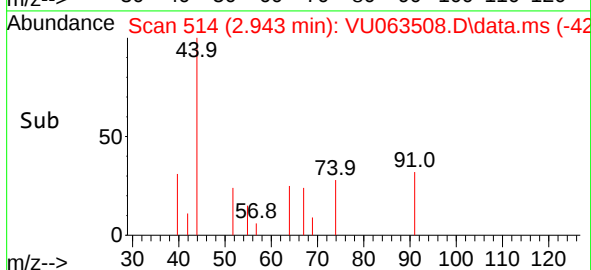
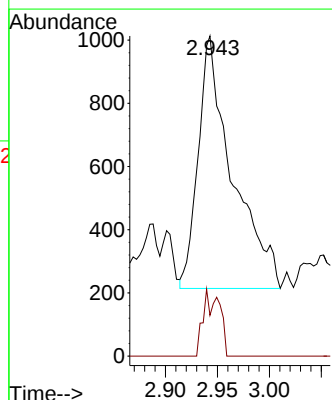
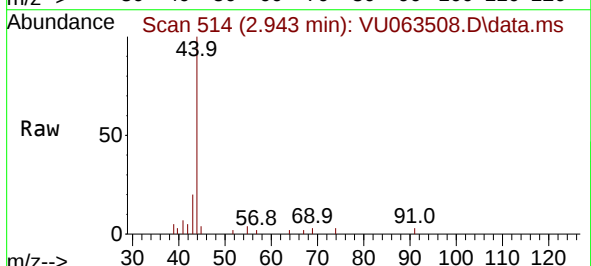
Instrument :
MSVOA_U
ClientSampleId :
MDL07

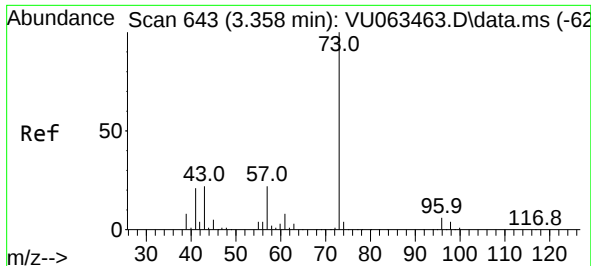
Tgt Ion: 76 Resp: 1661
Ion Ratio Lower Upper
76 100
78 19.5 7.5 11.3#



#18
Methyl Acetate
Concen: 0.705 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 43 Resp: 1827
Ion Ratio Lower Upper
43 100
74 5.8 17.3 25.9#





#19

Methyl tert-butyl Ether

Concen: 0.525 ug/l

RT: 3.364 min Scan# 64

Delta R.T. 0.006 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

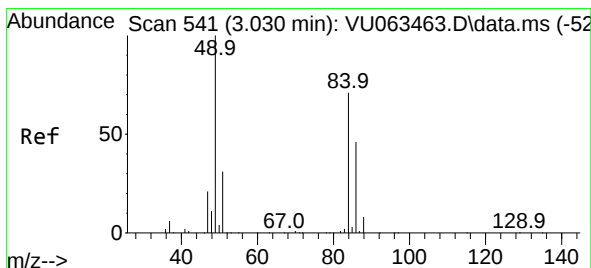
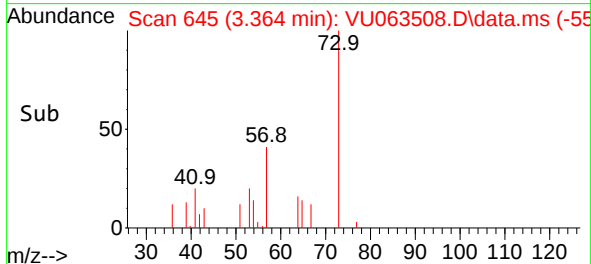
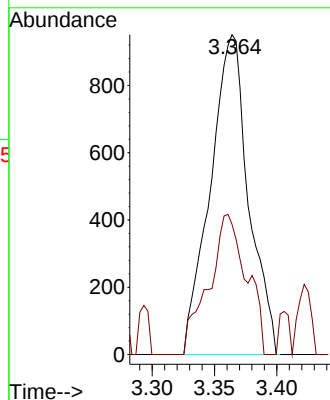
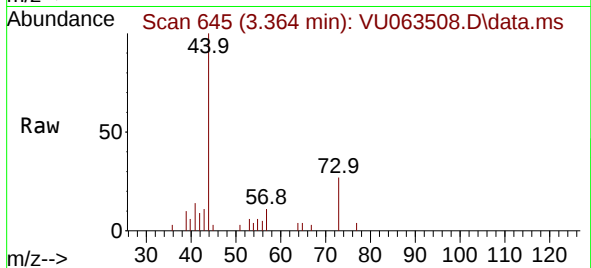
MDL07

Tgt Ion: 73 Resp: 2032

Ion Ratio Lower Upper

73 100

57 40.7 17.8 26.6#



#20

Methylene Chloride

Concen: 0.801 ug/l

RT: 3.033 min Scan# 542

Delta R.T. 0.003 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Tgt Ion: 84 Resp: 1177

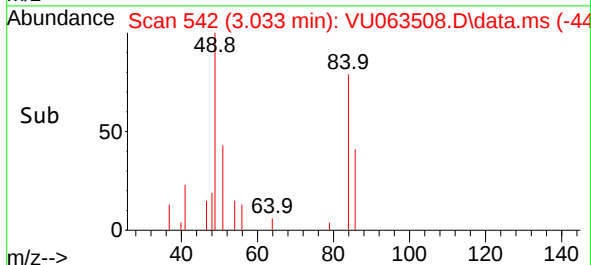
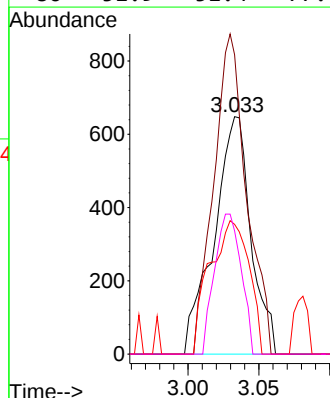
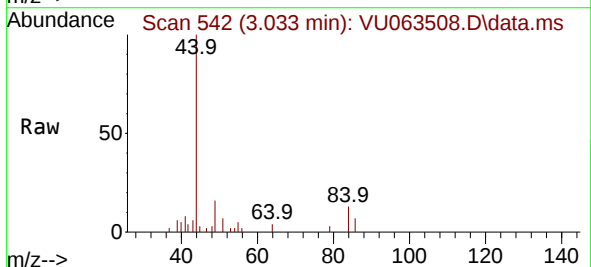
Ion Ratio Lower Upper

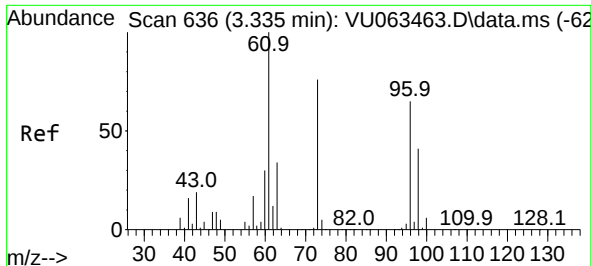
84 100

49 126.1 112.1 168.1

51 54.6 34.4 51.6#

86 51.9 51.4 77.0

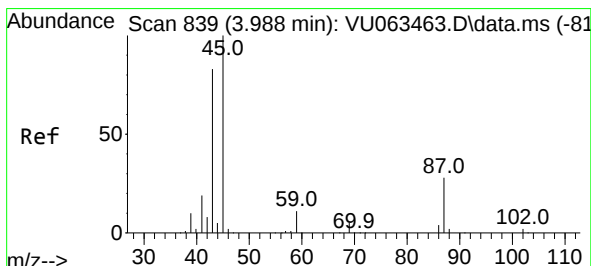
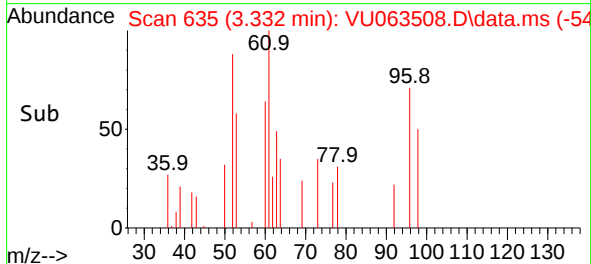
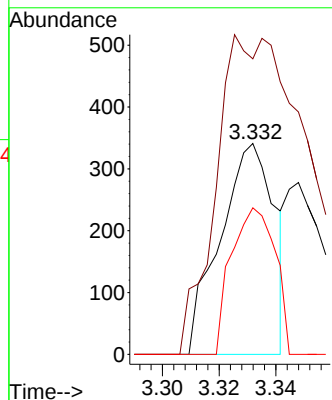
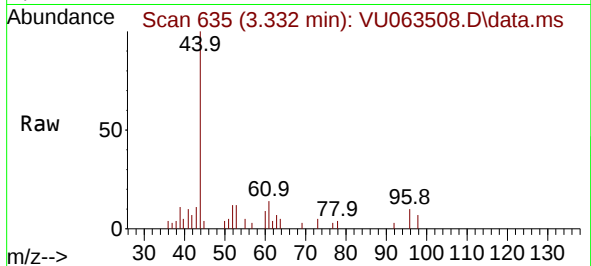




#21
trans-1,2-Dichloroethene
Concen: 0.468 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

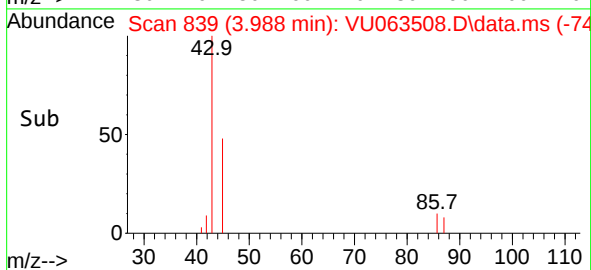
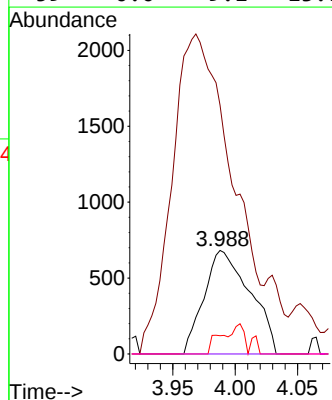
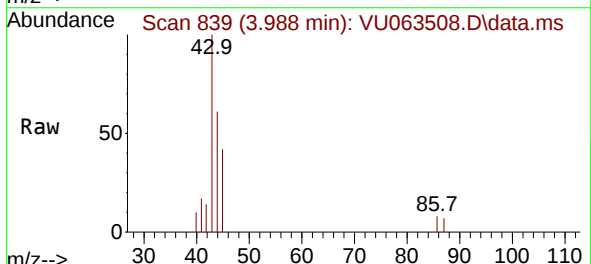
Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 96 Resp: 452
Ion Ratio Lower Upper
96 100
61 140.2 122.2 183.4
98 69.5 49.9 74.9



#22
Diisopropyl ether
Concen: 0.480 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 45 Resp: 1747
Ion Ratio Lower Upper
45 100
43 189.9 66.5 99.7#
87 17.6 22.6 33.8#
59 0.0 9.1 13.7#

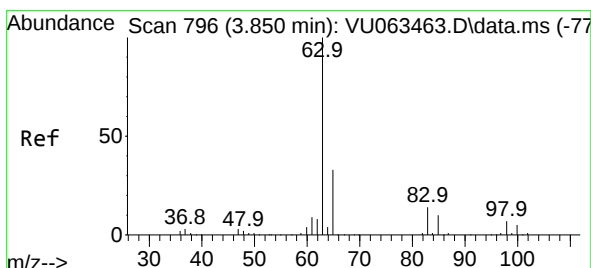
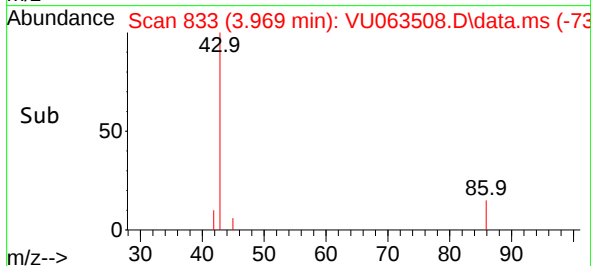
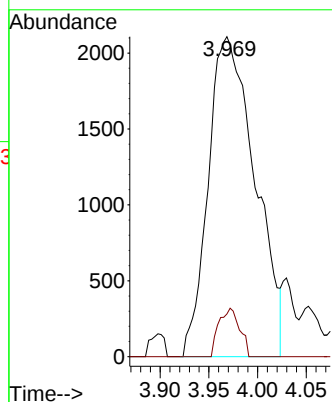
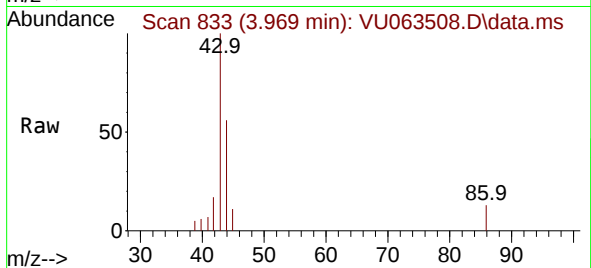




#23
 Vinyl Acetate
 Concen: 2.494 ug/l
 RT: 3.969 min Scan# 811
 Delta R.T. 0.022 min
 Lab File: VU063508.D
 Acq: 14 Jul 2025 15:01

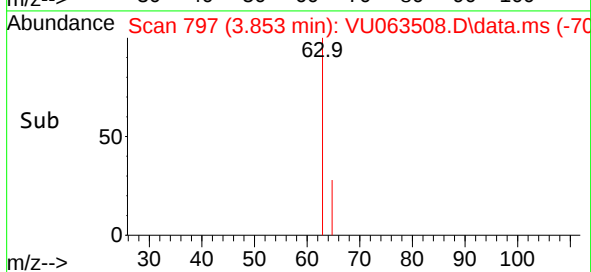
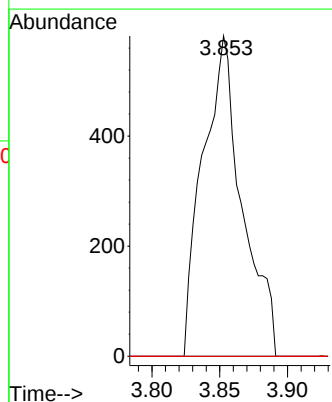
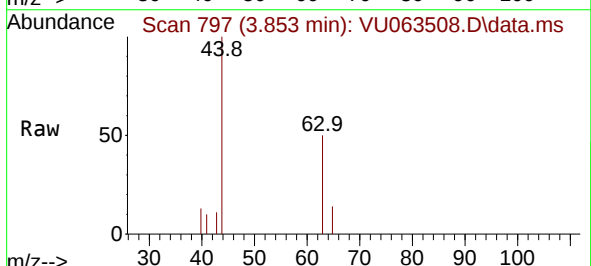
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

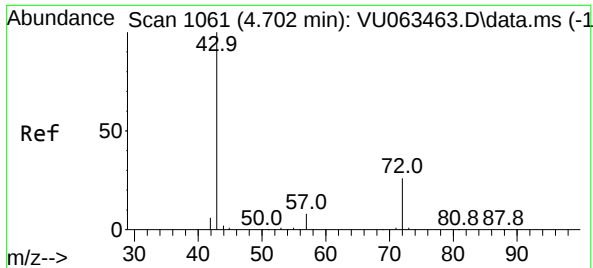
Tgt Ion: 43 Resp: 7044
 Ion Ratio Lower Upper
 43 100
 86 13.4 8.2 12.2#



#24
 1,1-Dichloroethane
 Concen: 0.568 ug/l
 RT: 3.853 min Scan# 797
 Delta R.T. 0.003 min
 Lab File: VU063508.D
 Acq: 14 Jul 2025 15:01

Tgt Ion: 63 Resp: 1173
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 2.191 ug/l

RT: 4.769 min Scan# 1082

Delta R.T. 0.067 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

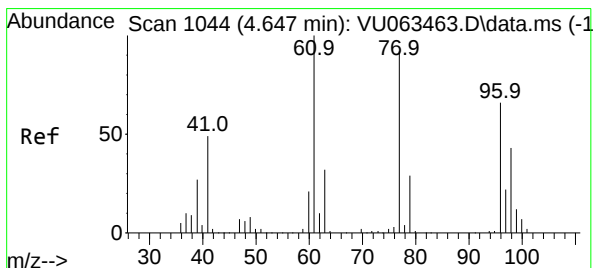
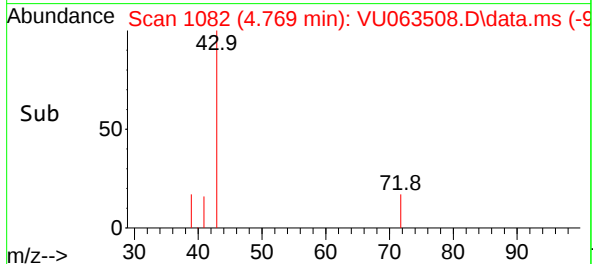
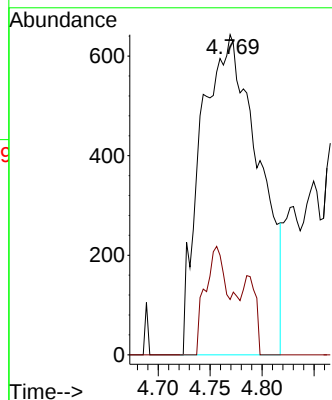
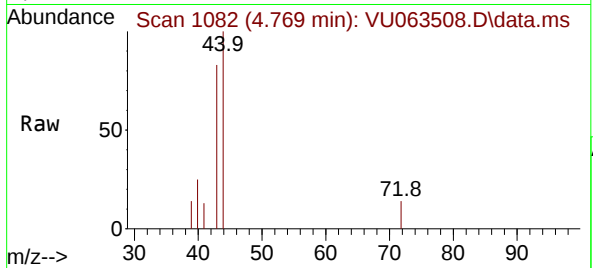
MDL07

Tgt Ion: 43 Resp: 2478

Ion Ratio Lower Upper

43 100

72 17.3 20.7 31.1#



#26

2,2-Dichloropropane

Concen: 0.170 ug/l

RT: 4.641 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VU063508.D

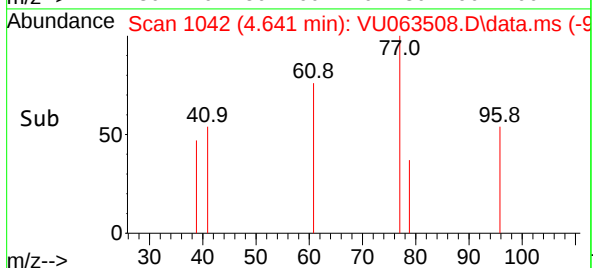
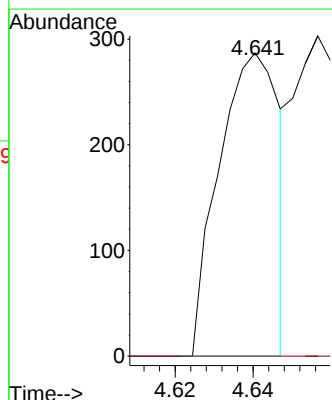
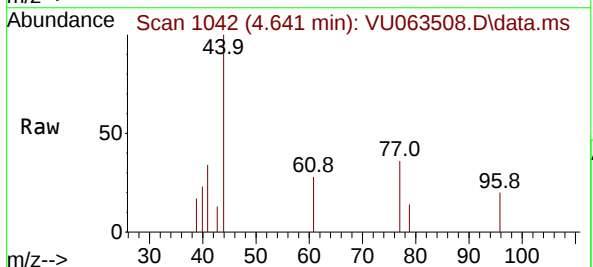
Acq: 14 Jul 2025 15:01

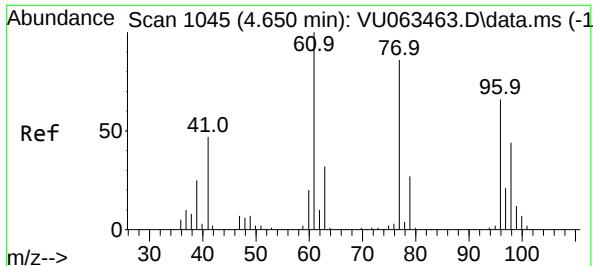
Tgt Ion: 77 Resp: 306

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.3#





#27

cis-1,2-Dichloroethene

Concen: 0.571 ug/l

RT: 4.663 min Scan# 1104

Delta R.T. 0.013 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

MDL07

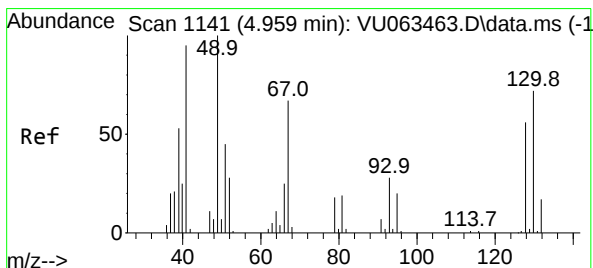
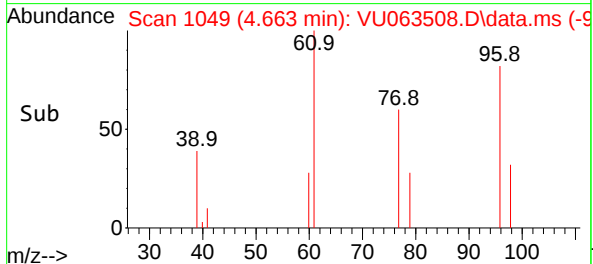
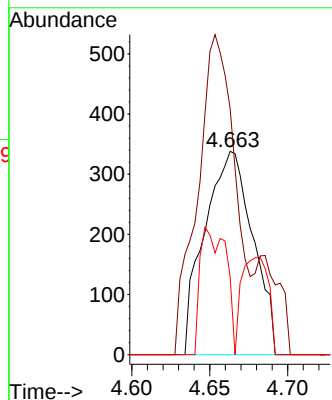
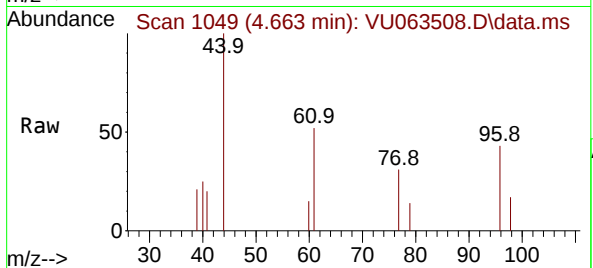
Tgt Ion: 96 Resp: 727

Ion Ratio Lower Upper

96 100

61 122.6 0.0 307.2

98 33.3 0.0 133.0



#28

Bromochloromethane

Concen: 0.505 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.010 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

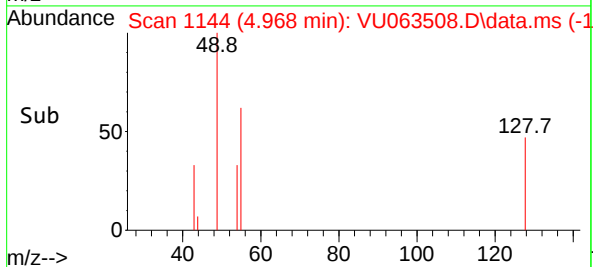
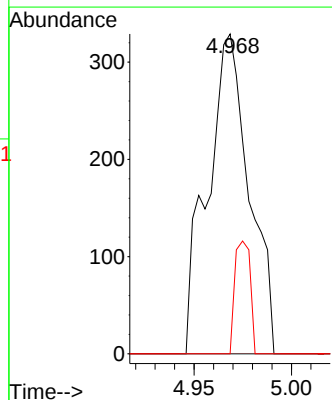
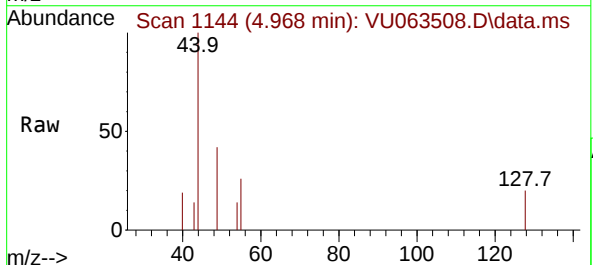
Tgt Ion: 49 Resp: 490

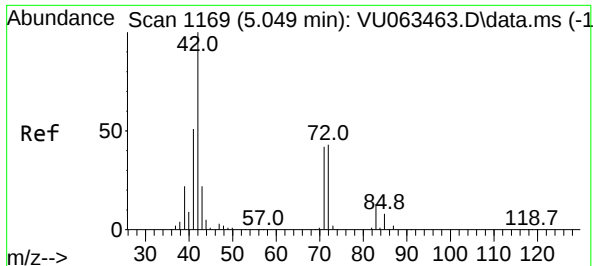
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 13.1 59.0 88.4#





#29

Tetrahydrofuran

Concen: 2.573 ug/l

RT: 5.075 min Scan# 1177

Delta R.T. 0.026 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

MDL07

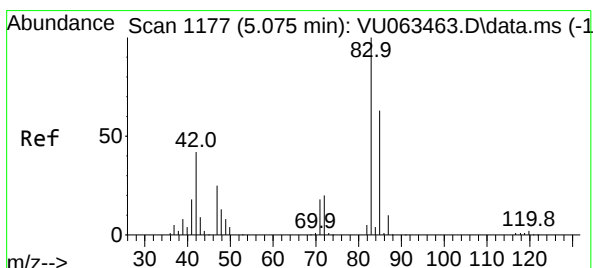
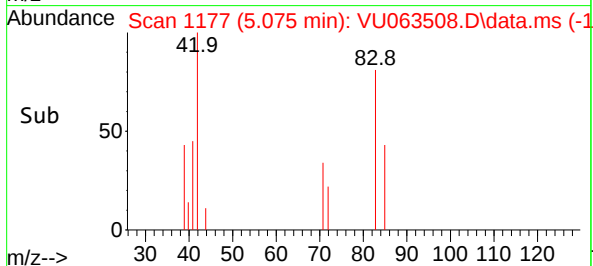
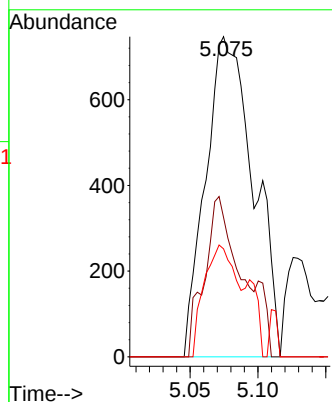
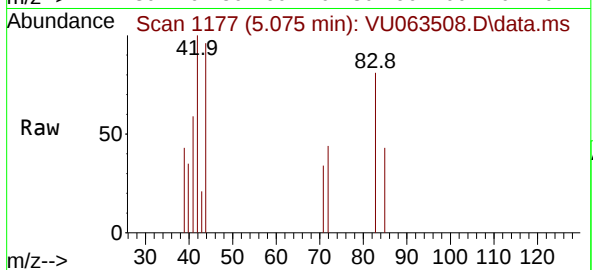
Tgt Ion: 42 Resp: 1836

Ion Ratio Lower Upper

42 100

72 35.2 36.2 54.4#

71 23.0 33.3 49.9#



#30

Chloroform

Concen: 0.569 ug/l

RT: 5.081 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VU063508.D

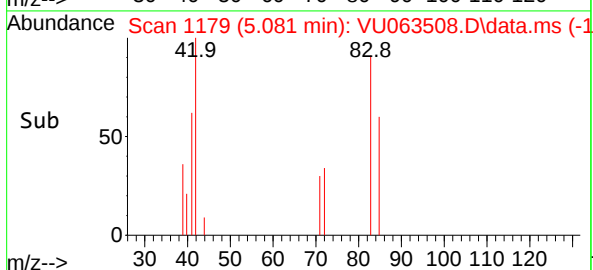
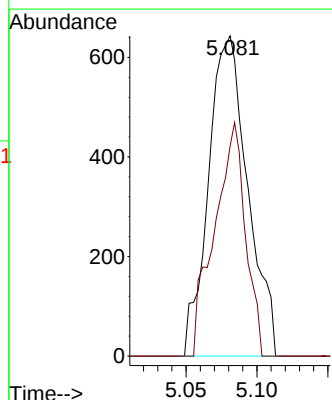
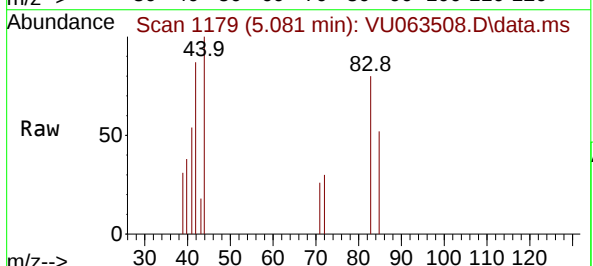
Acq: 14 Jul 2025 15:01

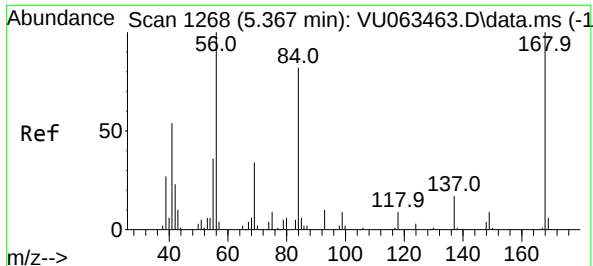
Tgt Ion: 83 Resp: 1240

Ion Ratio Lower Upper

83 100

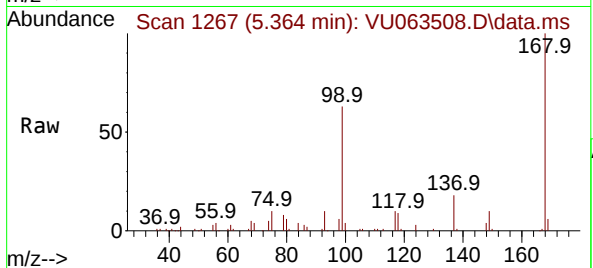
85 65.6 50.7 76.1



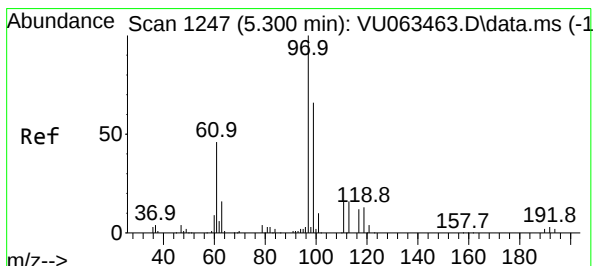
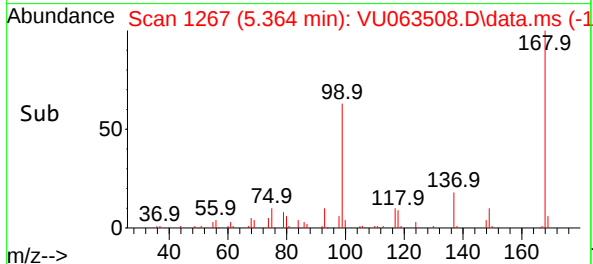
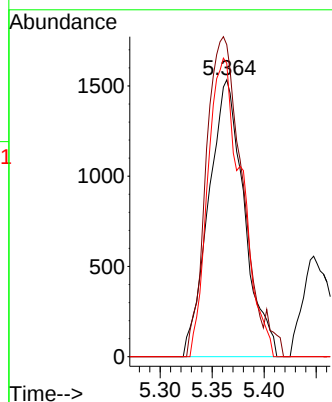


#31
Cyclohexane
Concen: 2.191 ug/l
RT: 5.364 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Instrument :
MSVOA_U
ClientSampleId :
MDL07

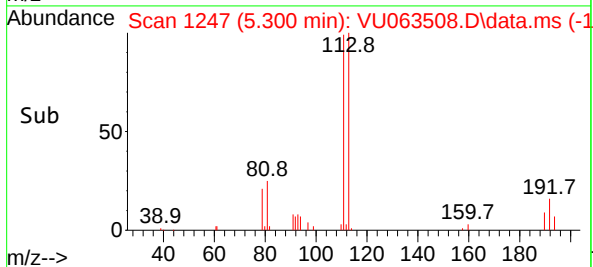
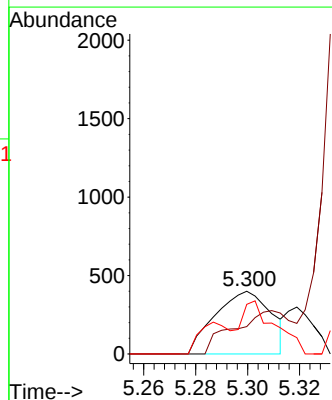
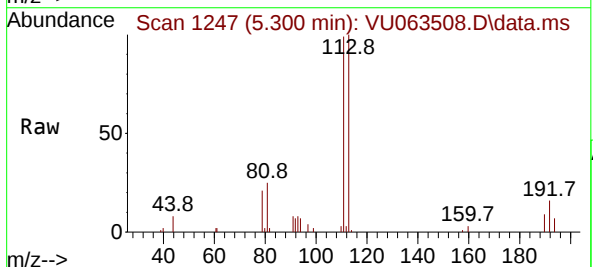


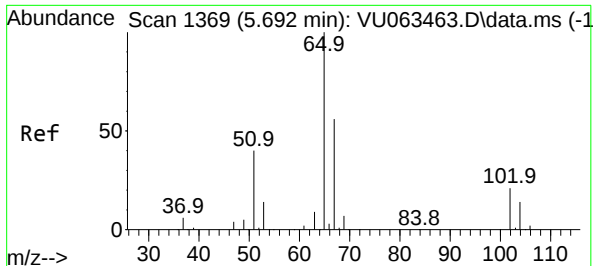
Tgt Ion: 56 Resp: 3638
Ion Ratio Lower Upper
56 100
69 112.7 27.0 40.4#
84 106.0 65.7 98.5#



#32
1,1,1-Trichloroethane
Concen: 0.321 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 97 Resp: 596
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 52.0 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 57.053 ug/l

RT: 5.692 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

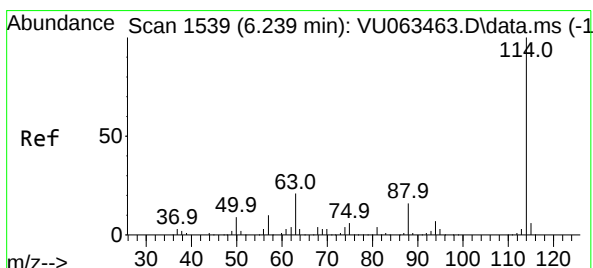
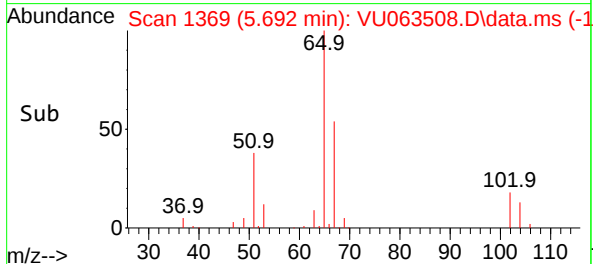
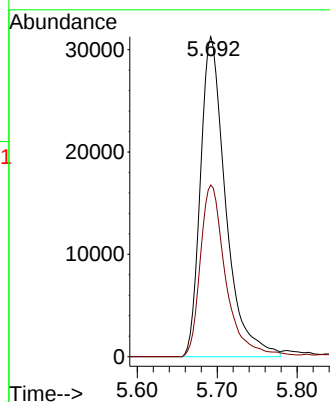
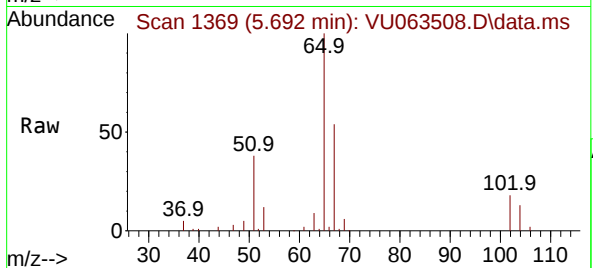
MDL07

Tgt Ion: 65 Resp: 68521

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.239 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

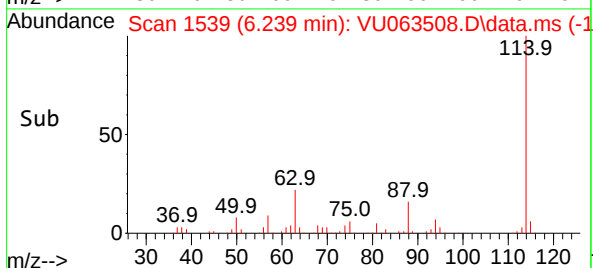
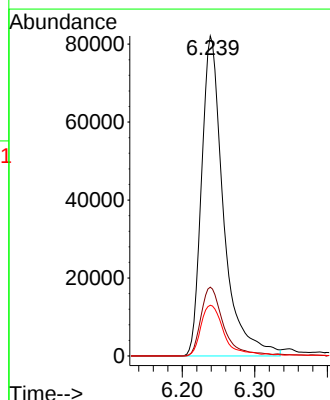
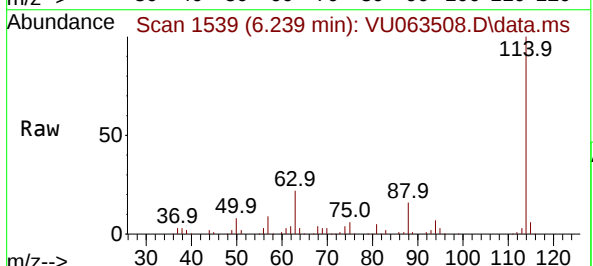
Tgt Ion: 114 Resp: 172437

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.6

88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.108 ug/l

RT: 5.277 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

MDL07

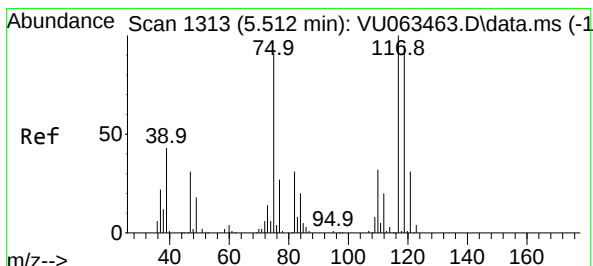
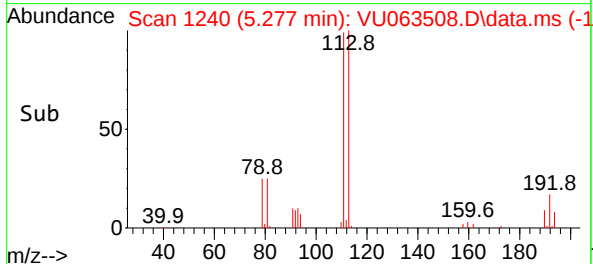
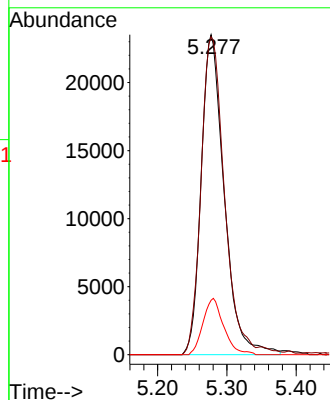
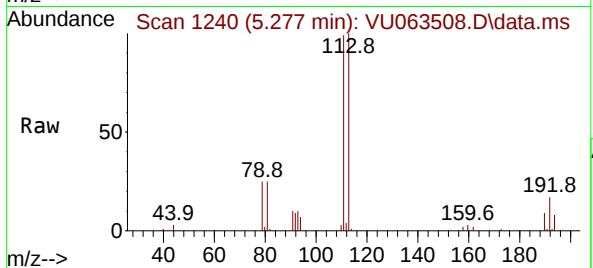
Tgt Ion:113 Resp: 54162

Ion Ratio Lower Upper

113 100

111 100.4 82.1 123.1

192 15.9 14.3 21.5



#36

1,1-Dichloropropene

Concen: 0.305 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.010 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

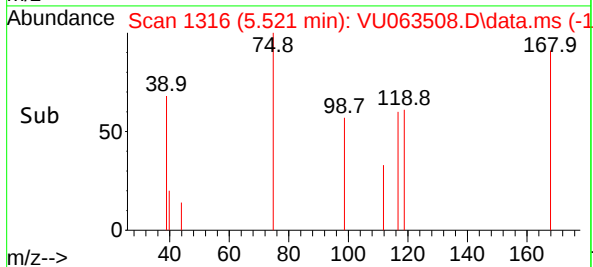
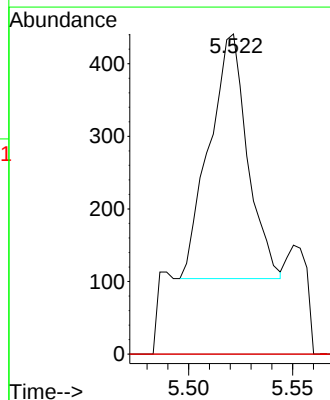
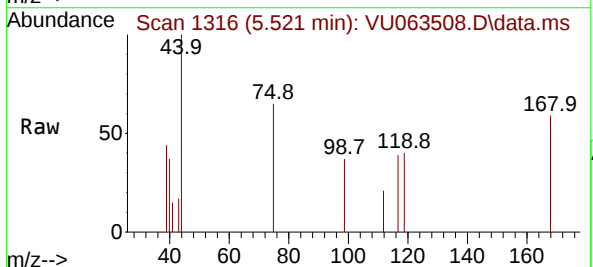
Tgt Ion: 75 Resp: 431

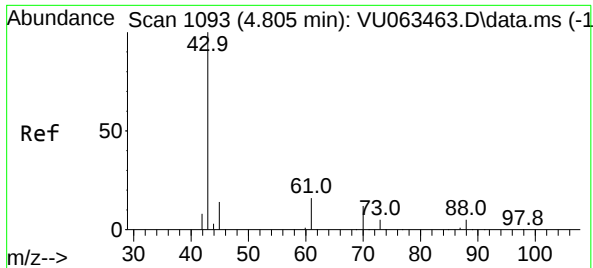
Ion Ratio Lower Upper

75 100

110 0.0 17.3 52.0#

77 0.0 23.9 35.9#





#37

Ethyl Acetate

Concen: 1.083 ug/l

RT: 4.769 min Scan# 1

Delta R.T. -0.035 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

MDL07

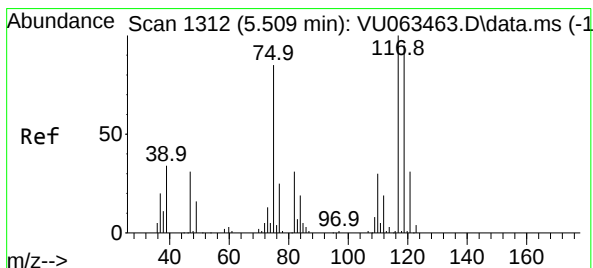
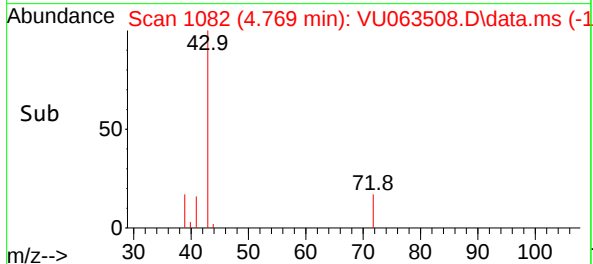
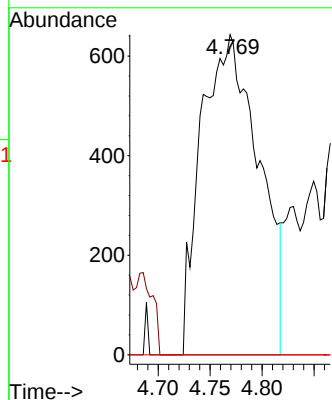
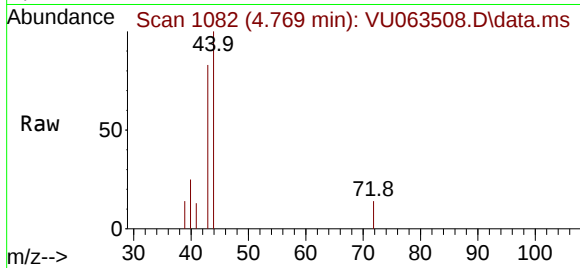
Tgt Ion: 43 Resp: 2478

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 0.387 ug/l

RT: 5.502 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

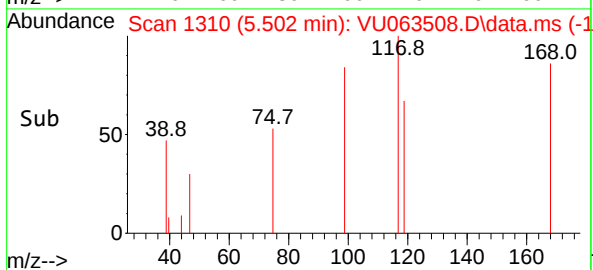
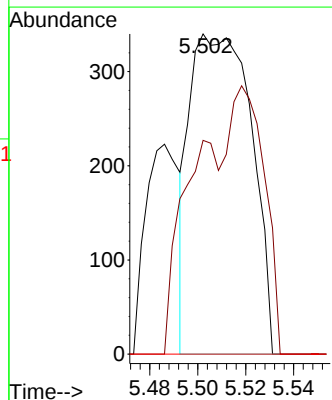
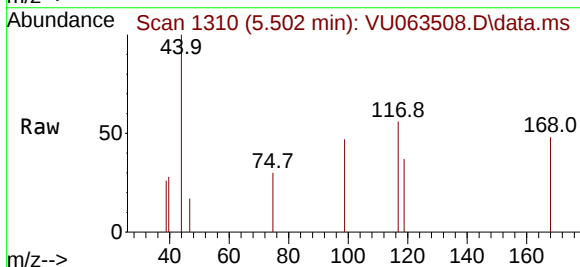
Tgt Ion: 117 Resp: 602

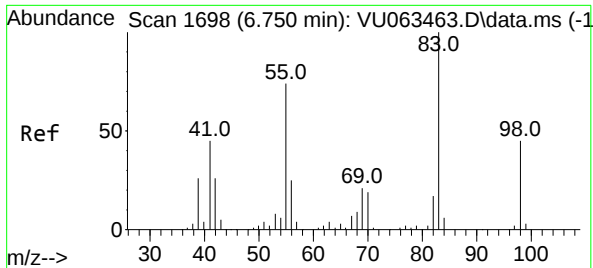
Ion Ratio Lower Upper

117 100

119 66.8 76.1 114.1#

121 0.0 25.0 37.4#





#39

Methylcyclohexane

Concen: 0.315 ug/l

RT: 6.740 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

MDL07

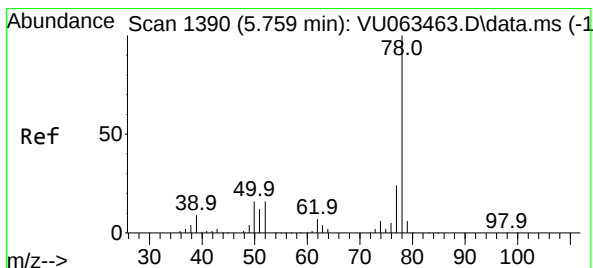
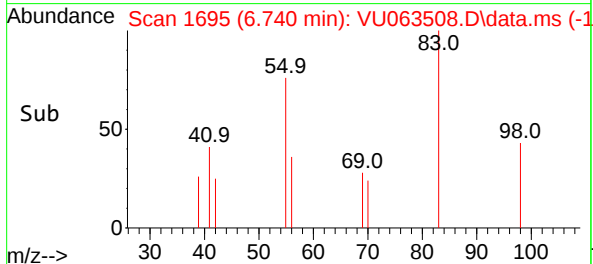
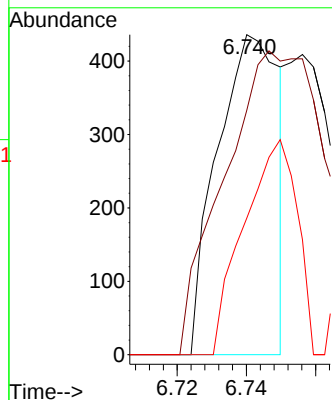
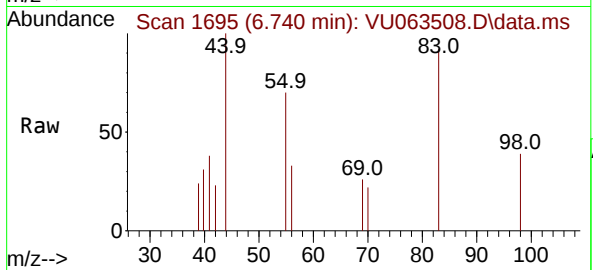
Tgt Ion: 83 Resp: 538

Ion Ratio Lower Upper

83 100

55 76.4 59.4 89.2

98 42.7 36.2 54.4



#40

Benzene

Concen: 0.511 ug/l

RT: 5.772 min Scan# 1394

Delta R.T. 0.013 min

Lab File: VU063508.D

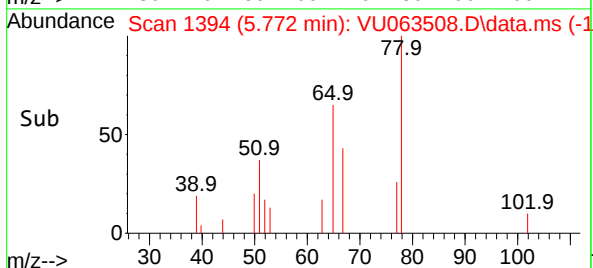
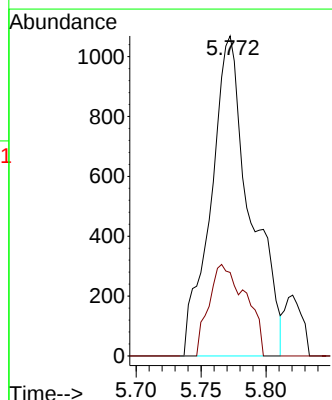
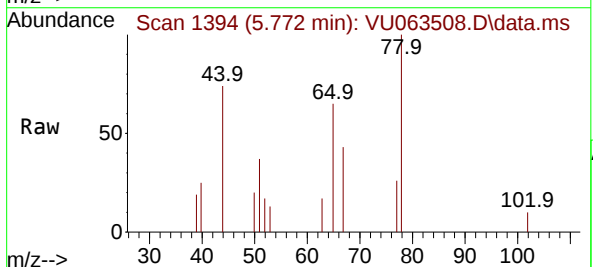
Acq: 14 Jul 2025 15:01

Tgt Ion: 78 Resp: 2252

Ion Ratio Lower Upper

78 100

77 26.1 19.0 28.4

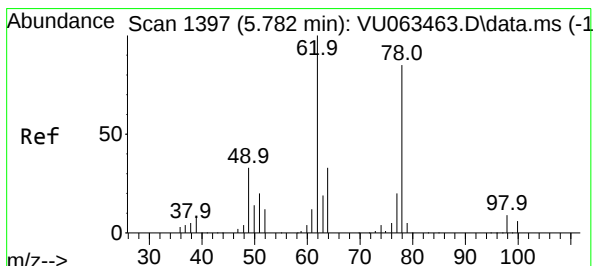
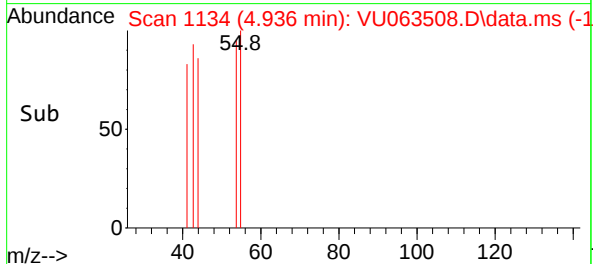
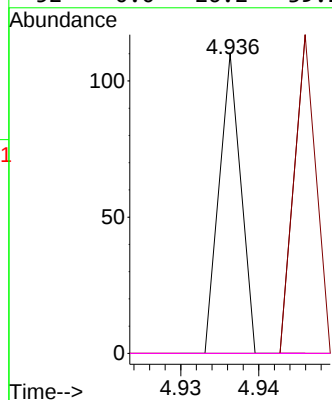
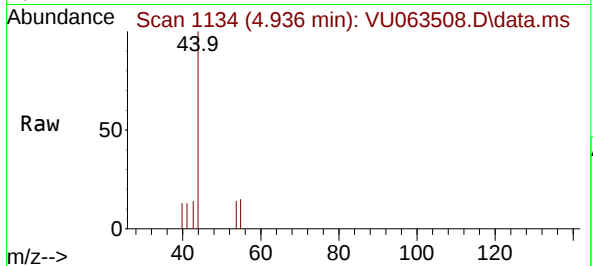




#41
Methacrylonitrile
Concen: 0.019 ug/l
RT: 4.936 min Scan# 1143
Delta R.T. -0.029 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

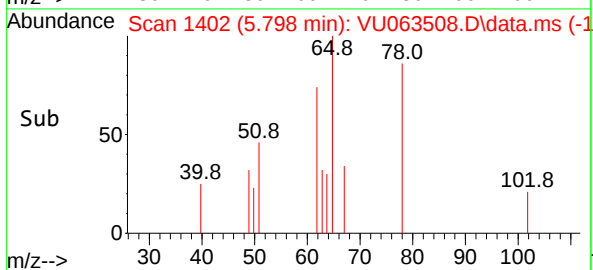
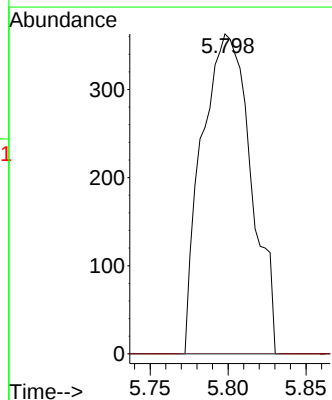
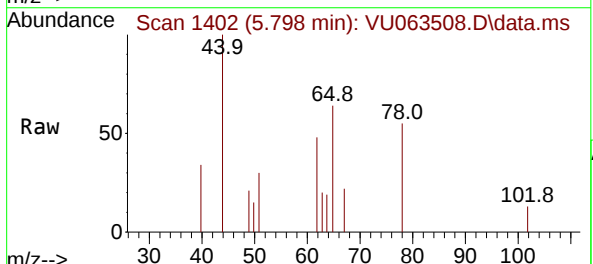
Instrument :
MSVOA_U
ClientSampleId :
MDL07

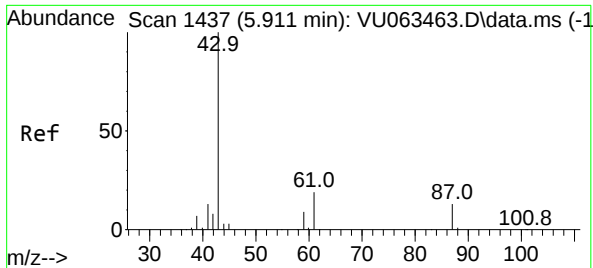
Tgt Ion:	41	Resp:	21
Ion	Ratio	Lower	Upper
41	100		
39	109.5	43.6	65.4#
67	0.0	62.8	94.2#
52	0.0	26.2	39.2#



#42
1,2-Dichloroethane
Concen: 0.480 ug/l
RT: 5.798 min Scan# 1402
Delta R.T. 0.016 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion:	62	Resp:	796
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.6

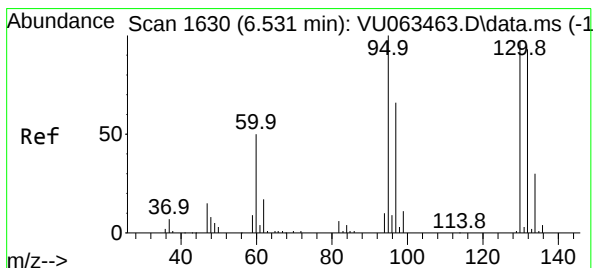
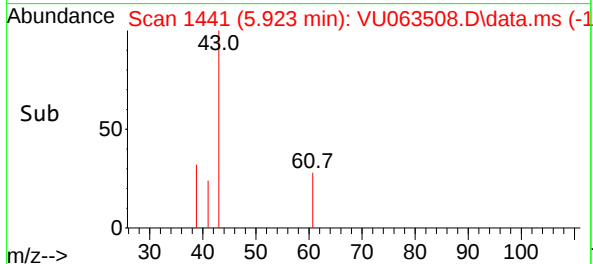
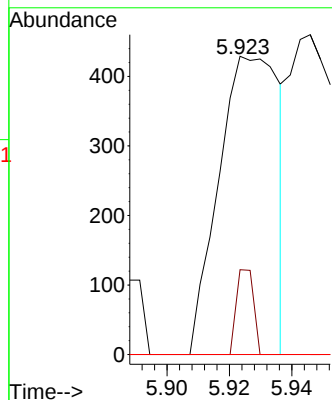
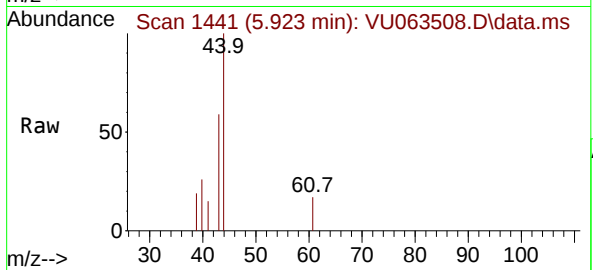




#43
Isopropyl Acetate
Concen: 0.189 ug/l
RT: 5.923 min Scan# 1441
Delta R.T. 0.013 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

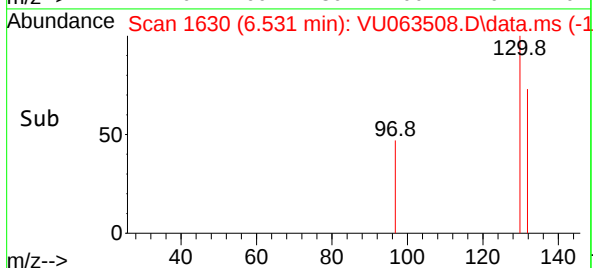
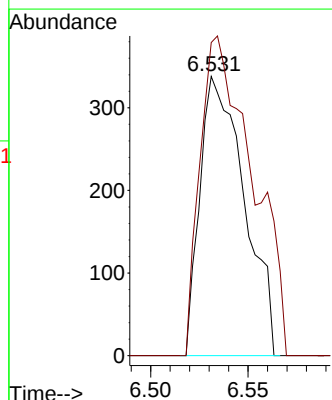
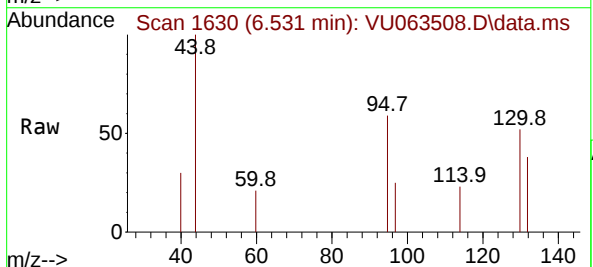
Instrument :
MSVOA_U
ClientSampleId :
MDL07

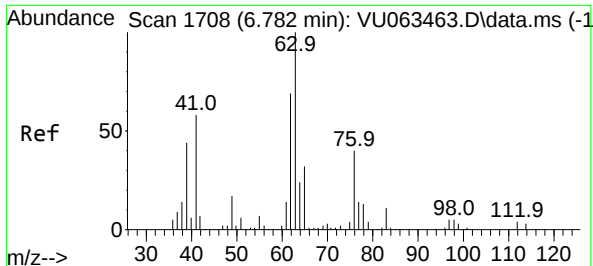
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
61 8.2 15.4 23.2#
87 0.0 10.5 15.7#



#44
Trichloroethene
Concen: 0.453 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion:130 Resp: 535
Ion Ratio Lower Upper
130 100
95 112.1 0.0 206.4





#45

1,2-Dichloropropane

Concen: 0.454 ug/l

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

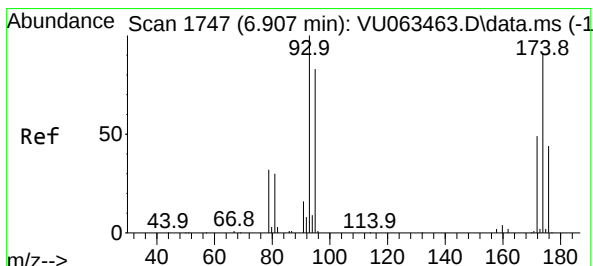
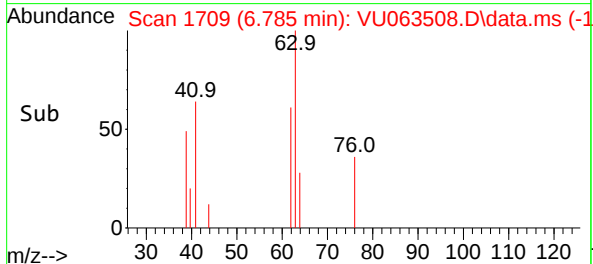
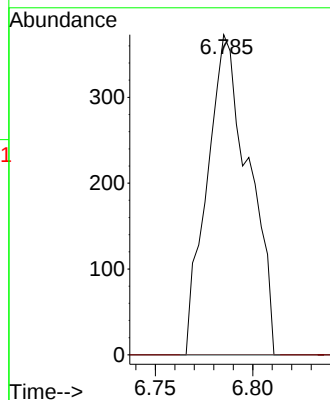
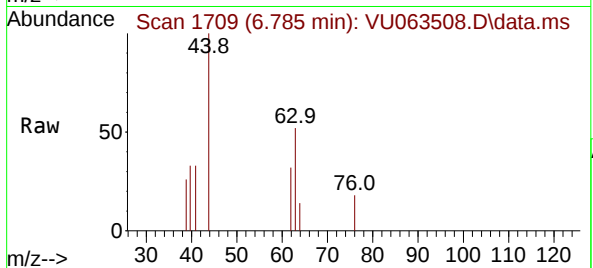
MDL07

Tgt Ion: 63 Resp: 557

Ion Ratio Lower Upper

63 100

65 0.0 25.3 37.9#



#46

Dibromomethane

Concen: 0.536 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.010 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

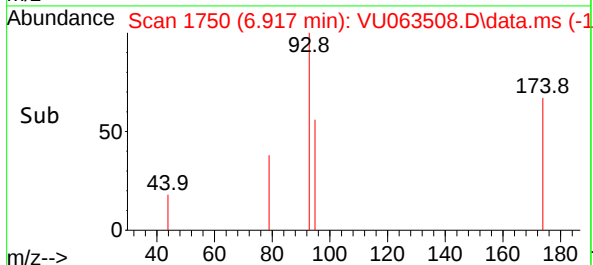
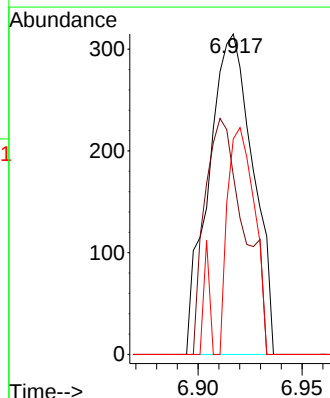
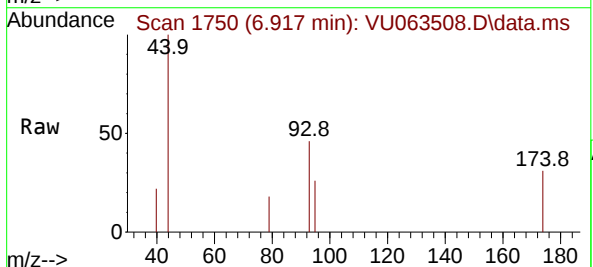
Tgt Ion: 93 Resp: 468

Ion Ratio Lower Upper

93 100

95 0.0 67.5 101.3#

174 42.9 73.1 109.7#

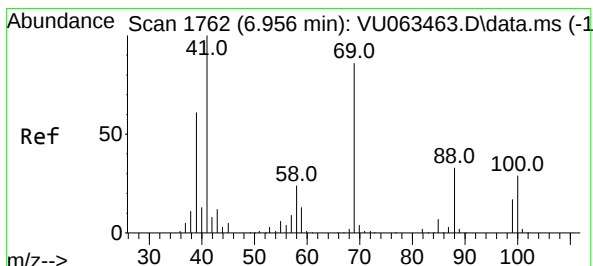
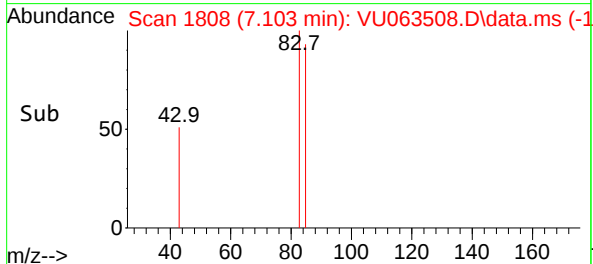
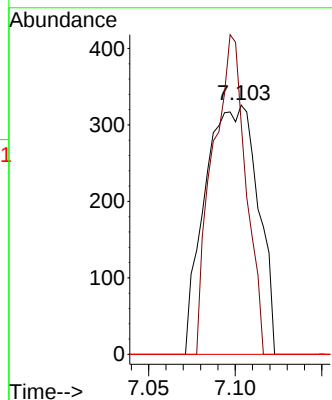
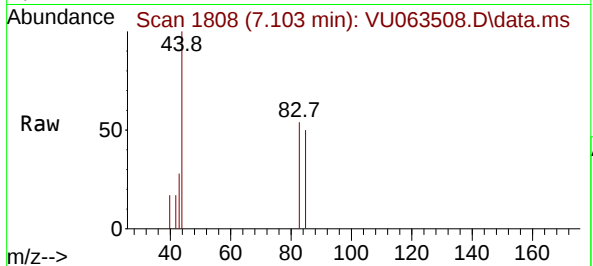




#47
Bromodichloromethane
Concen: 0.381 ug/l
RT: 7.103 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

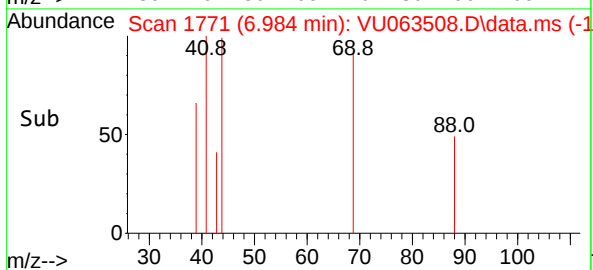
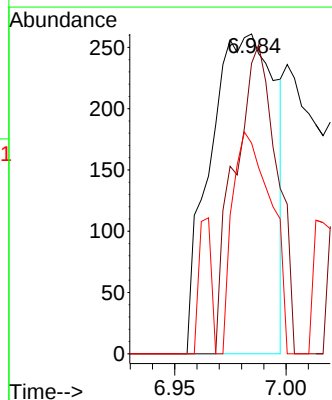
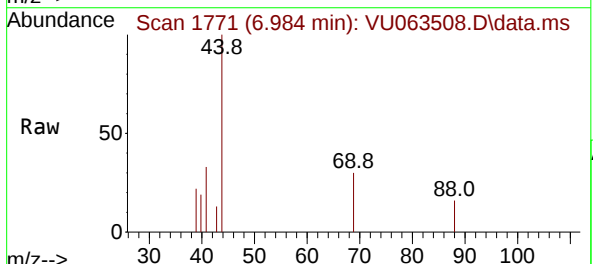
Instrument :
MSVOA_U
ClientSampleId :
MDL07

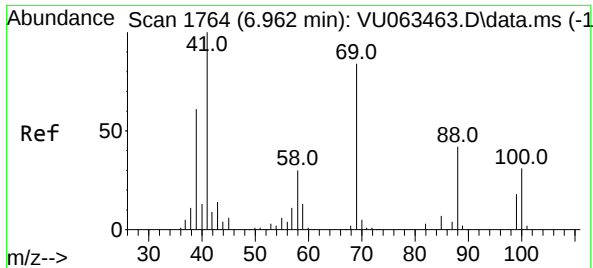
Tgt Ion: 83 Resp: 692
Ion Ratio Lower Upper
83 100
85 92.9 51.4 77.0#
127 0.0 7.0 10.4#



#48
Methyl methacrylate
Concen: 0.379 ug/l
RT: 6.984 min Scan# 1771
Delta R.T. 0.029 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 41 Resp: 532
Ion Ratio Lower Upper
41 100
69 63.0 69.8 104.8#
39 41.4 48.3 72.5#

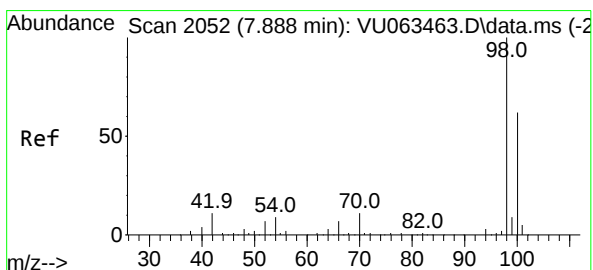
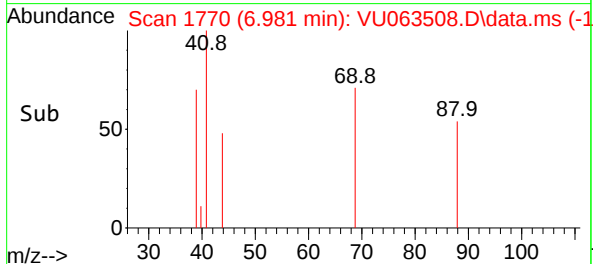
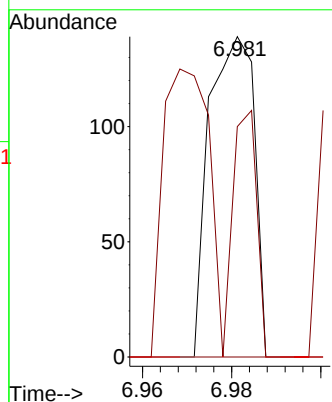
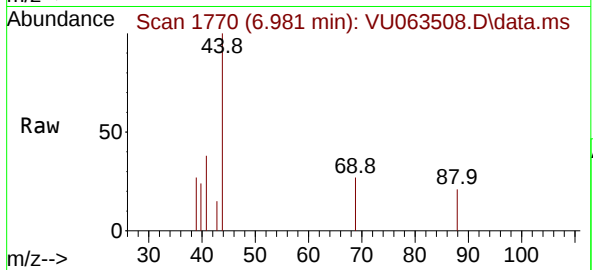




#49
1,4-Dioxane
Concen: 3.148 ug/l
RT: 6.981 min Scan# 1770
Delta R.T. 0.019 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

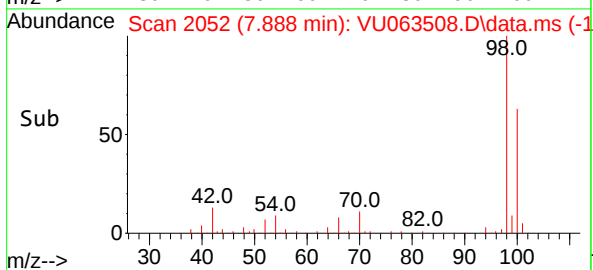
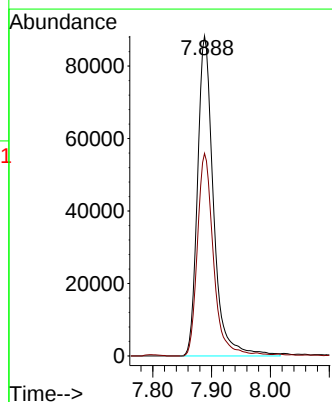
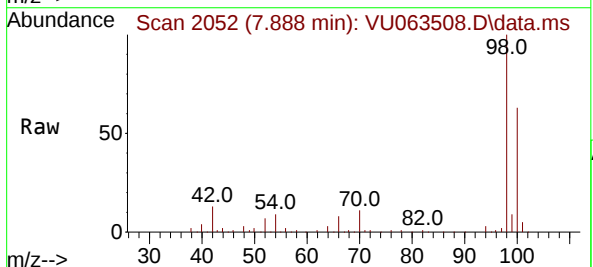
Instrument :
MSVOA_U
ClientSampleId :
MDL07

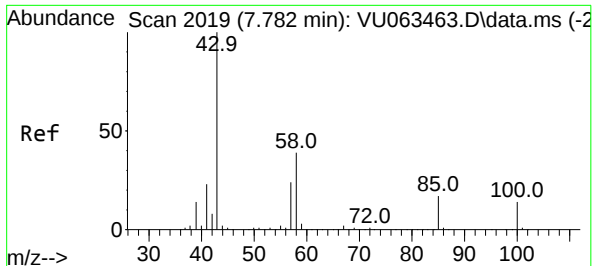
Tgt Ion: 88 Resp: 97
Ion Ratio Lower Upper
88 100
43 41.2 25.6 38.4#
58 0.0 55.0 82.6#



#50
Toluene-d8
Concen: 49.185 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 98 Resp: 166648
Ion Ratio Lower Upper
98 100
100 63.1 48.1 72.1

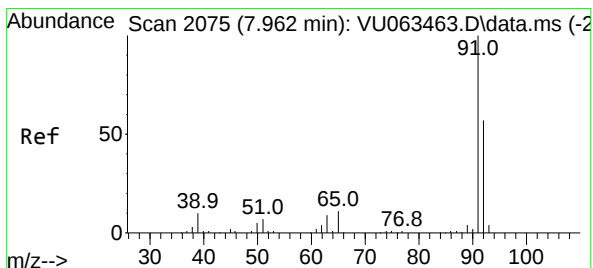
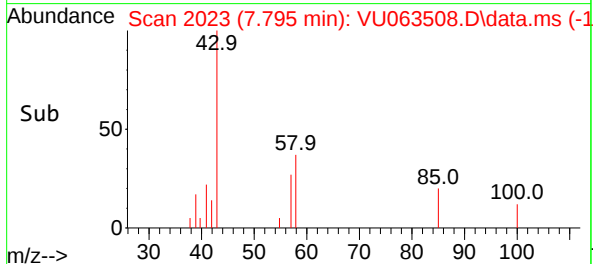
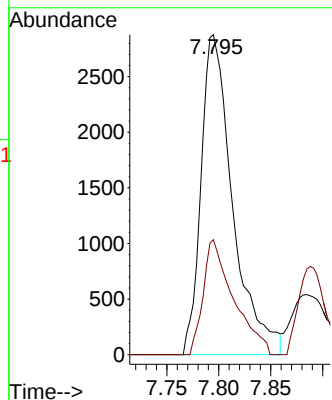
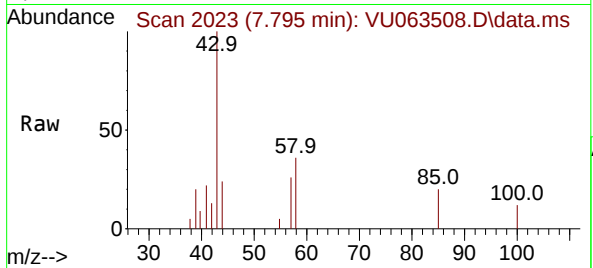




#51
4-Methyl-2-Pentanone
Concen: 2.768 ug/l
RT: 7.795 min Scan# 2019
Delta R.T. 0.013 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

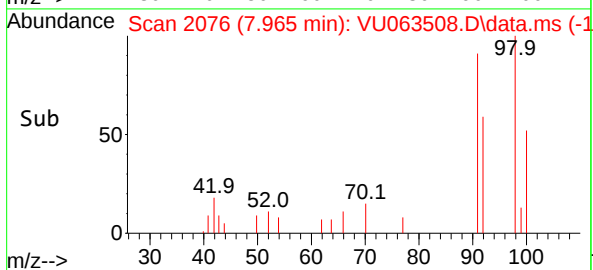
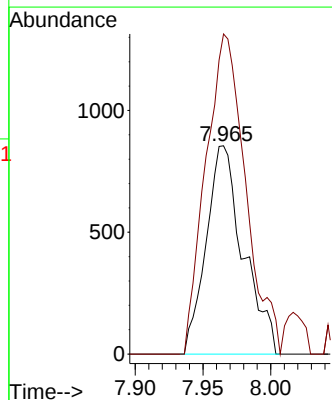
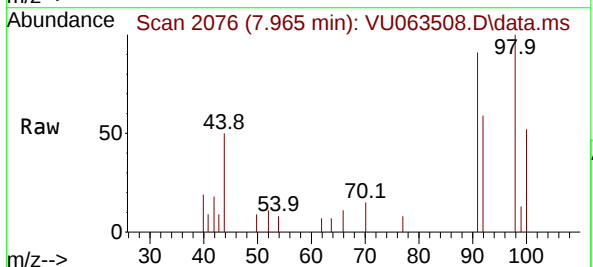
Instrument :
MSVOA_U
ClientSampleId :
MDL07

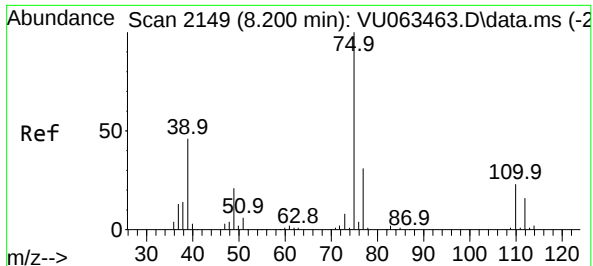
Tgt Ion: 43 Resp: 6087
Ion Ratio Lower Upper
43 100
58 34.5 31.0 46.4



#52
Toluene
Concen: 0.564 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 92 Resp: 1628
Ion Ratio Lower Upper
92 100
91 165.2 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 0.443 ug/l

RT: 8.213 min Scan# 2149

Delta R.T. 0.013 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

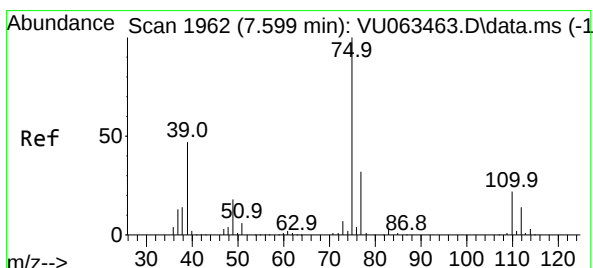
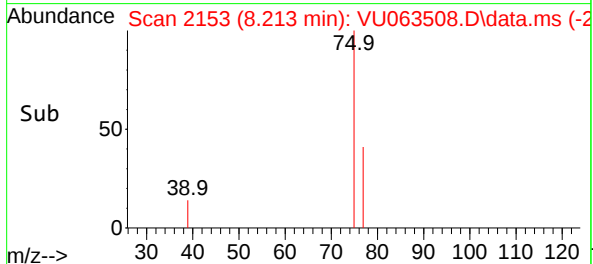
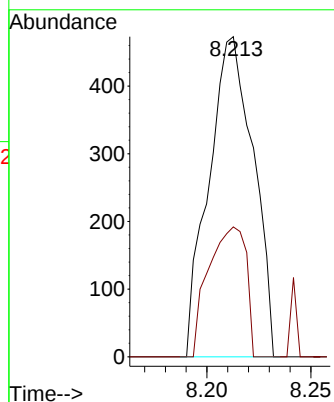
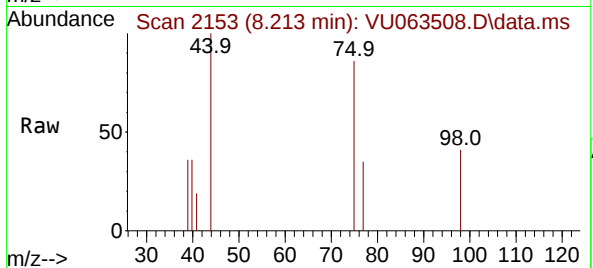
MDL07

Tgt Ion: 75 Resp: 704

Ion Ratio Lower Upper

75 100

77 40.6 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 0.380 ug/l

RT: 7.605 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

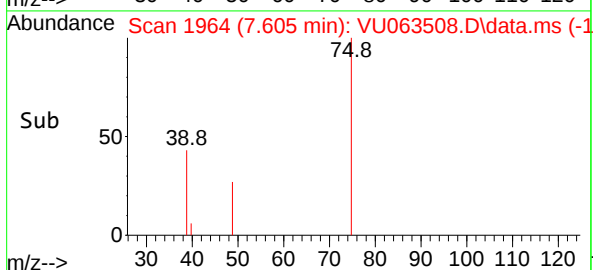
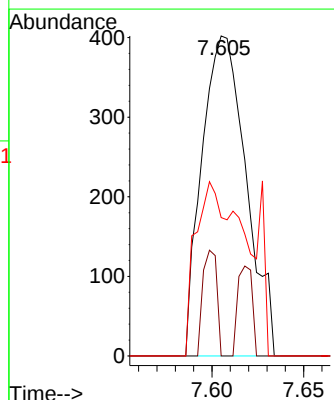
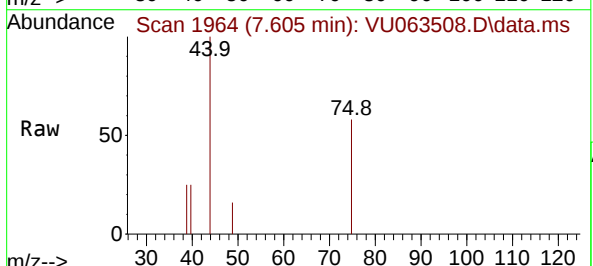
Tgt Ion: 75 Resp: 676

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

39 86.6 37.2 55.8#

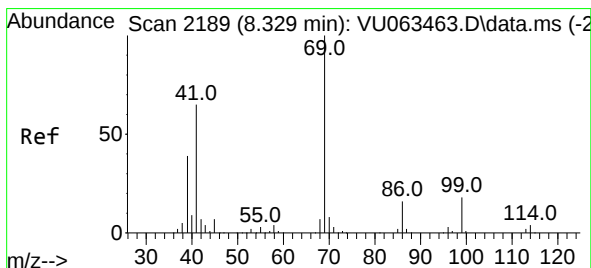
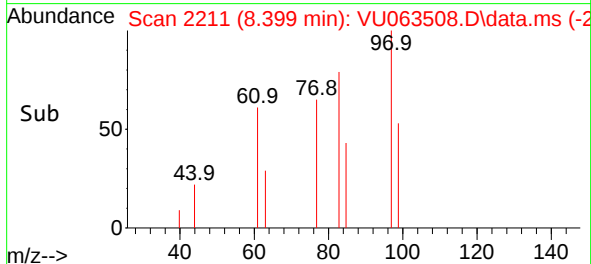
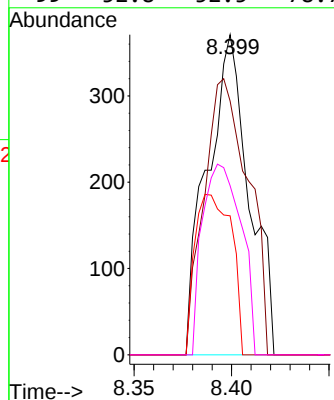
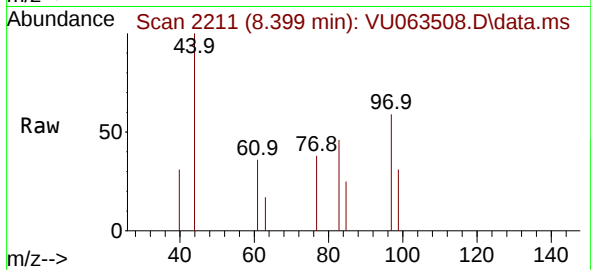




#55
 1,1,2-Trichloroethane
 Concen: 0.454 ug/l
 RT: 8.399 min Scan# 2111
 Delta R.T. 0.010 min
 Lab File: VU063508.D
 Acq: 14 Jul 2025 15:01

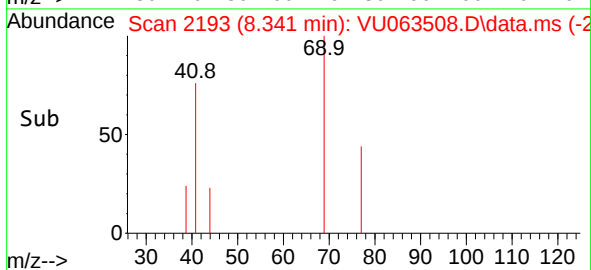
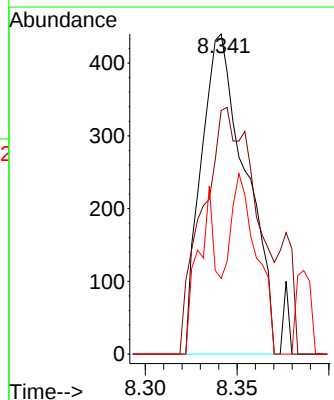
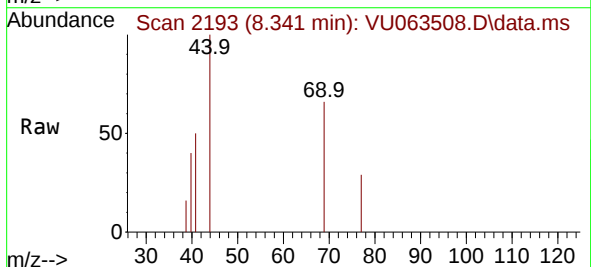
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

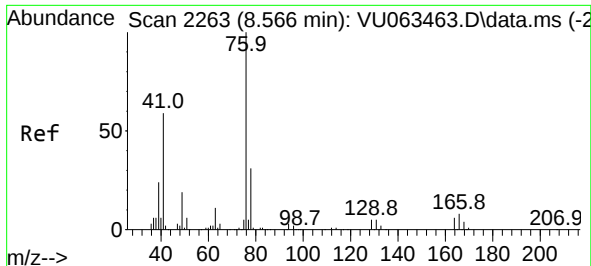
Tgt Ion: 97	Resp: 556
Ion Ratio	Lower Upper
97 100	
83 79.2	74.2 111.4
85 43.4	45.8 68.8#
99 52.8	52.5 78.7



#56
 Ethyl methacrylate
 Concen: 0.375 ug/l
 RT: 8.341 min Scan# 2193
 Delta R.T. 0.013 min
 Lab File: VU063508.D
 Acq: 14 Jul 2025 15:01

Tgt Ion: 69	Resp: 742
Ion Ratio	Lower Upper
69 100	
41 92.5	53.0 79.6#
39 34.4	31.0 46.4

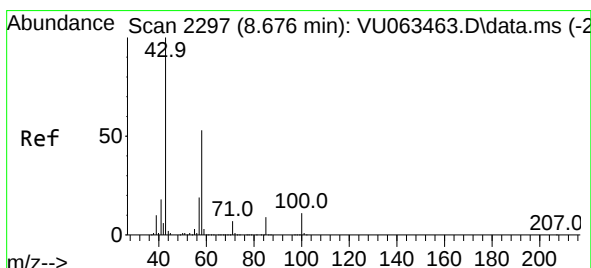
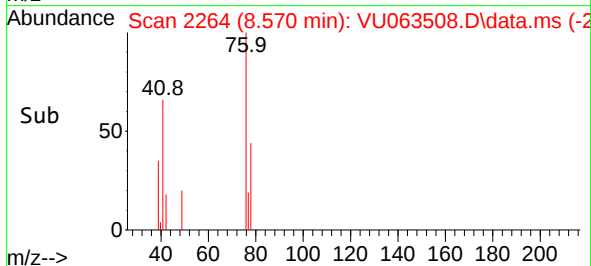
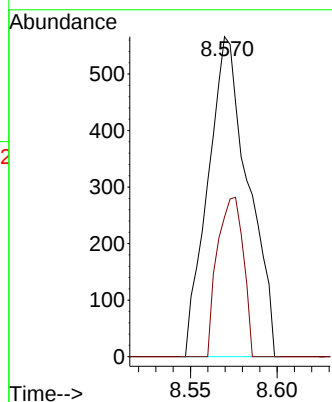
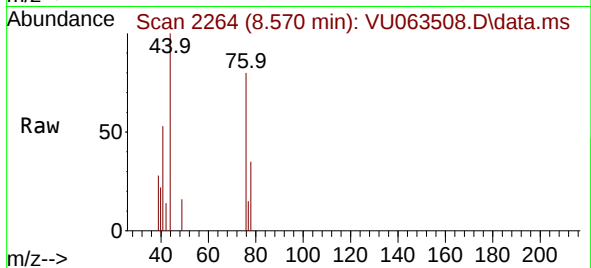




#57
1,3-Dichloropropane
Concen: 0.452 ug/l
RT: 8.570 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

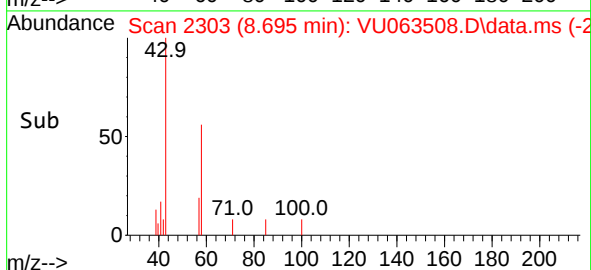
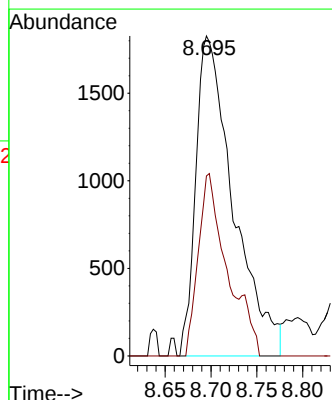
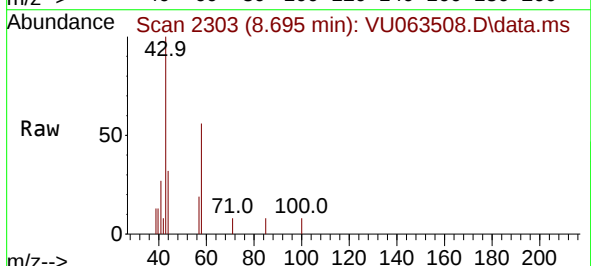
Instrument :
MSVOA_U
ClientSampleId :
MDL07

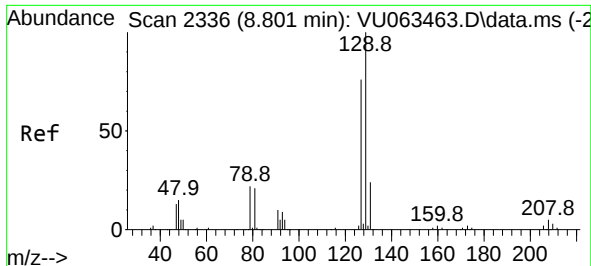
Tgt Ion: 76 Resp: 913
Ion Ratio Lower Upper
76 100
78 31.9 25.6 38.4



#59
2-Hexanone
Concen: 3.126 ug/l
RT: 8.695 min Scan# 2303
Delta R.T. 0.019 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 43 Resp: 5199
Ion Ratio Lower Upper
43 100
58 38.9 26.9 80.7

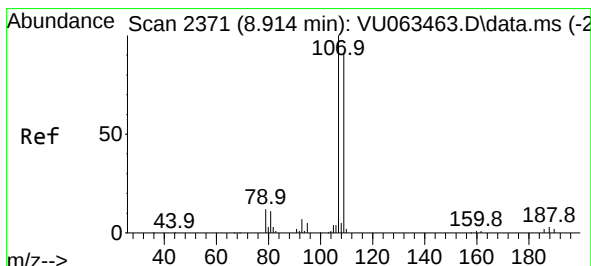
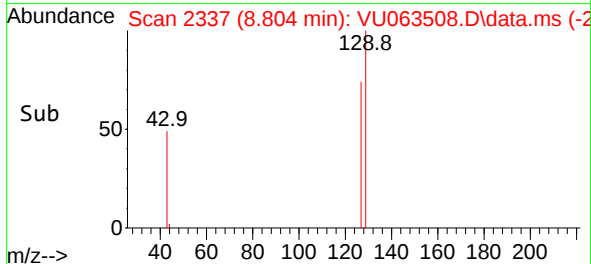
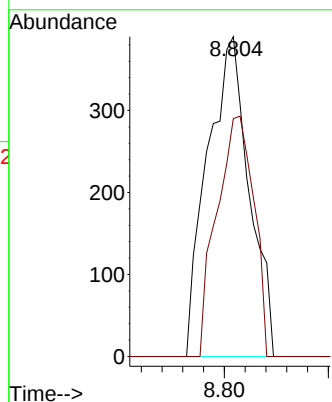
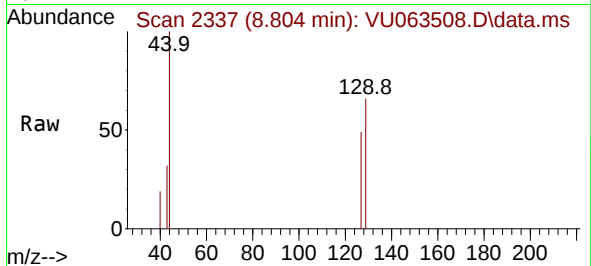




#60
Dibromochloromethane
Concen: 0.397 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

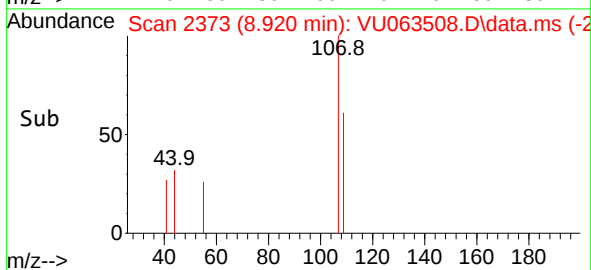
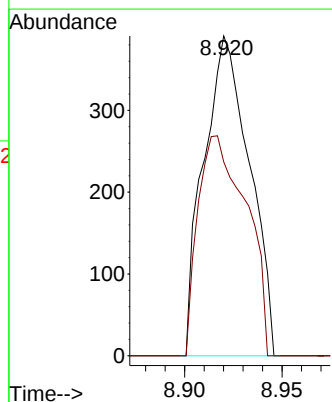
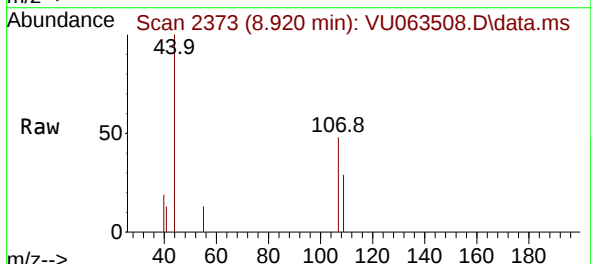
Instrument :
MSVOA_U
ClientSampleId :
MDL07

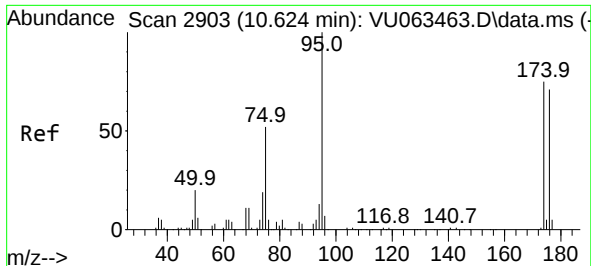
Tgt Ion:129 Resp: 545
Ion Ratio Lower Upper
129 100
127 66.4 39.1 117.2



#61
1,2-Dibromoethane
Concen: 0.531 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.006 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion:107 Resp: 638
Ion Ratio Lower Upper
107 100
109 72.6 73.7 110.5#





#62

4-Bromofluorobenzene

Concen: 51.152 ug/l

RT: 10.624 min Scan# 2903

Delta R.T. -0.000 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

MDL07

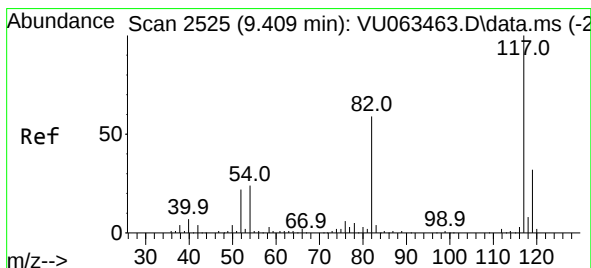
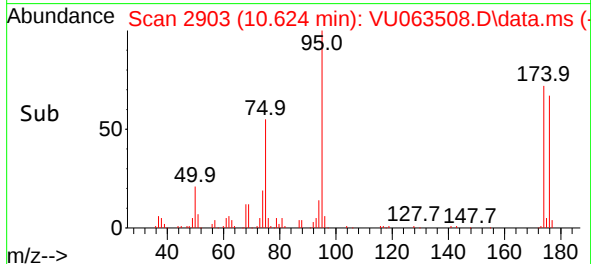
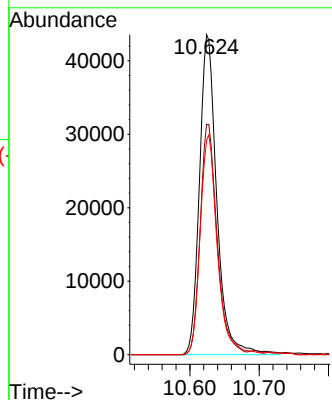
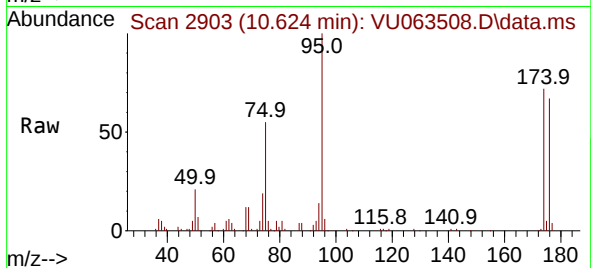
Tgt Ion: 95 Resp: 75808

Ion Ratio Lower Upper

95 100

174 70.3 0.0 153.6

176 67.6 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: VU063508.D

Acq: 14 Jul 2025 15:01

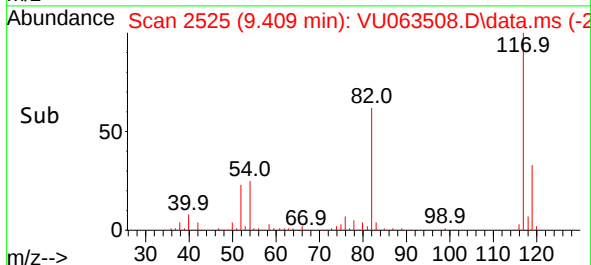
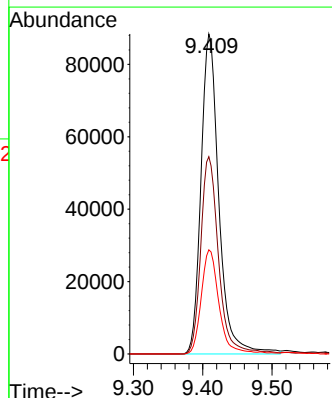
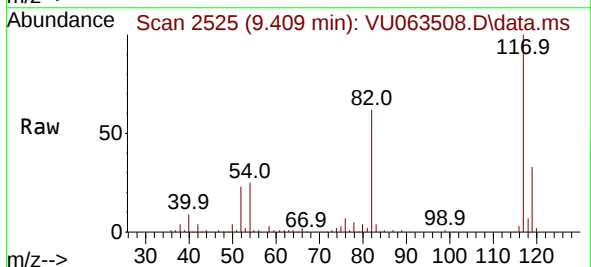
Tgt Ion: 117 Resp: 158369

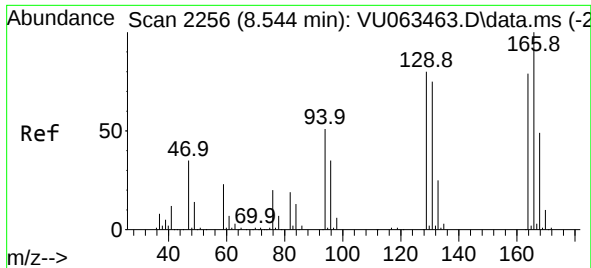
Ion Ratio Lower Upper

117 100

82 61.6 47.1 70.7

119 32.6 25.4 38.0

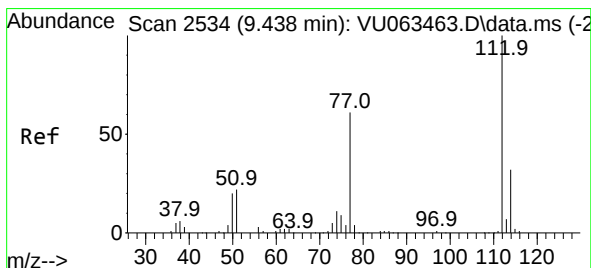
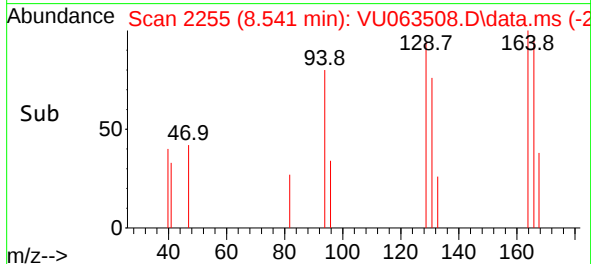
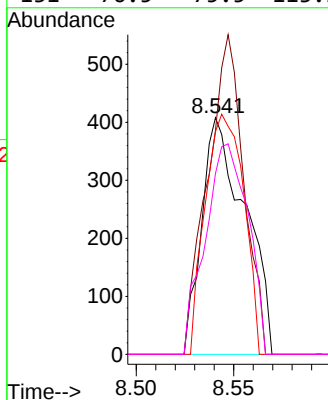
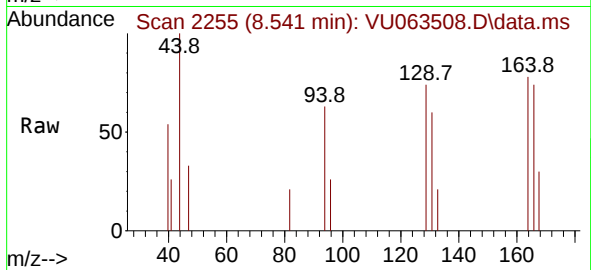




#64
Tetrachloroethene
Concen: 0.534 ug/l
RT: 8.541 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

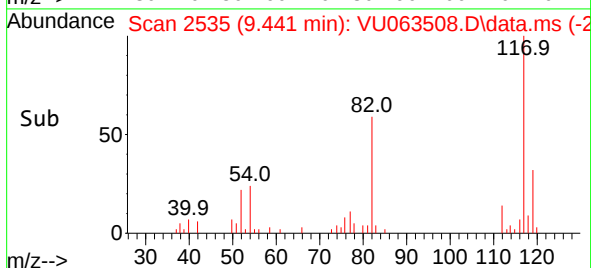
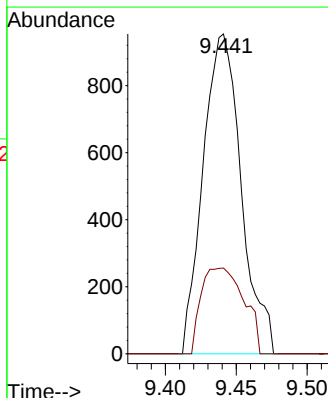
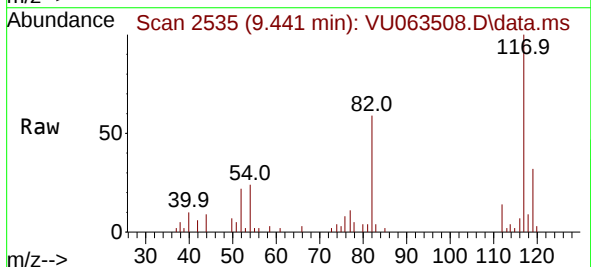
Instrument :
MSVOA_U
ClientSampleId :
MDL07

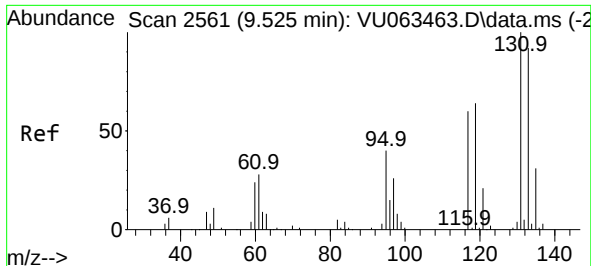
Tgt Ion:164	Resp:	630	
Ion	Ratio	Lower	Upper
164	100		
166	94.6	100.9	151.3#
129	94.1	80.9	121.3
131	76.5	75.5	113.3



#65
Chlorobenzene
Concen: 0.542 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion:112	Resp:	1787	
Ion	Ratio	Lower	Upper
112	100		
114	26.8	25.5	38.3

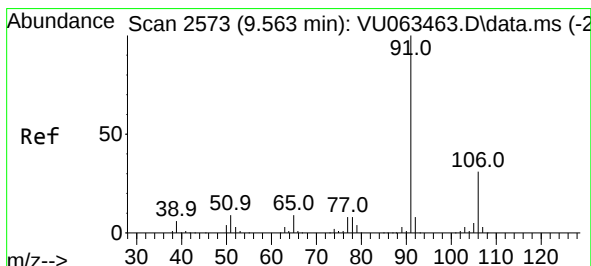
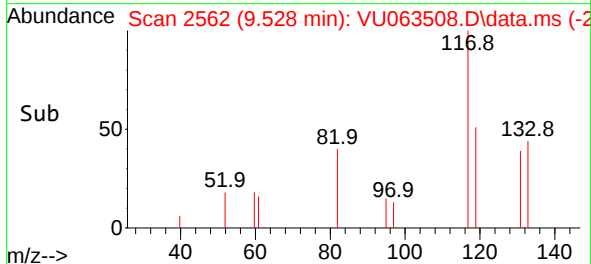
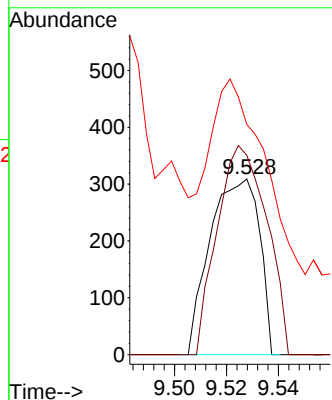
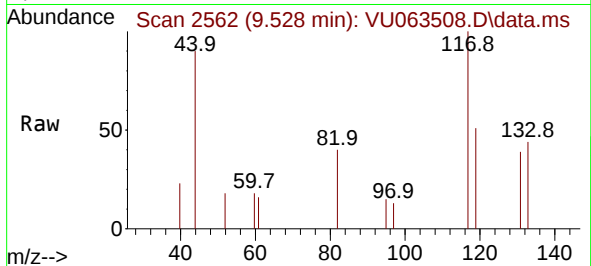




#66
1,1,1,2-Tetrachloroethane
Concen: 0.361 ug/l
RT: 9.528 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

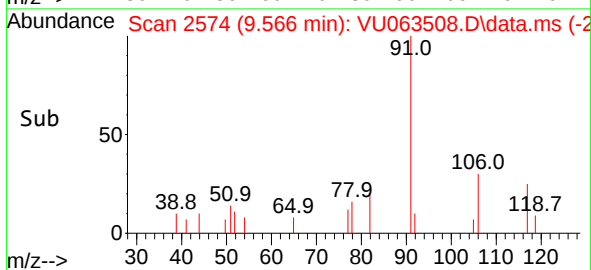
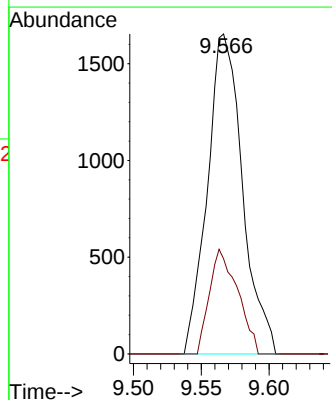
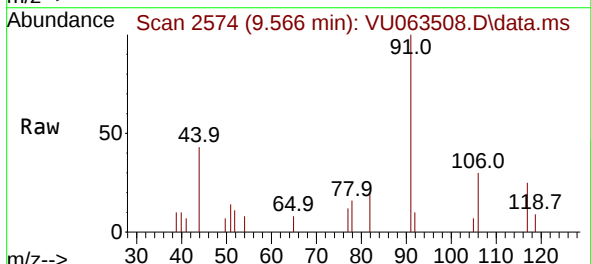
Instrument :
MSVOA_U
ClientSampleId :
MDL07

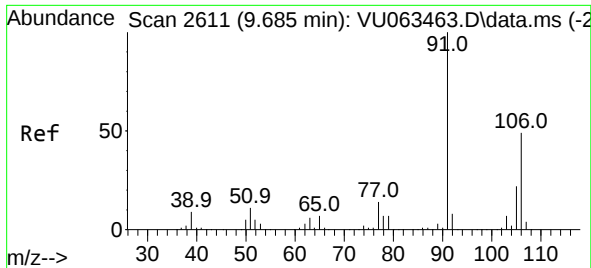
Tgt Ion:131 Resp: 408
Ion Ratio Lower Upper
131 100
133 119.6 46.4 139.2
119 0.0 33.3 99.9#



#67
Ethyl Benzene
Concen: 0.526 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 91 Resp: 2976
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7

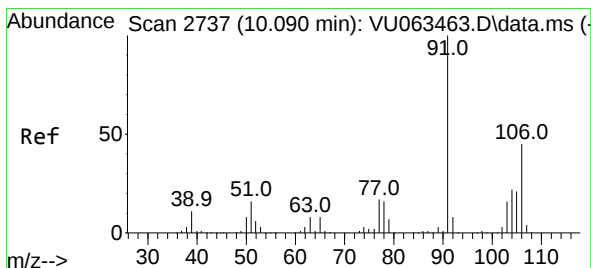
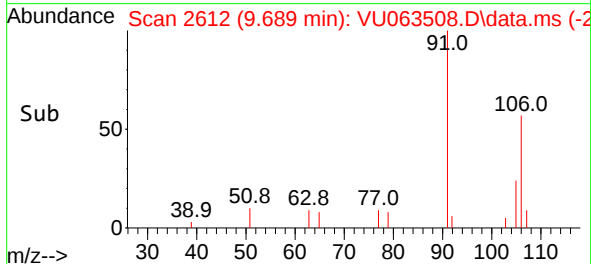
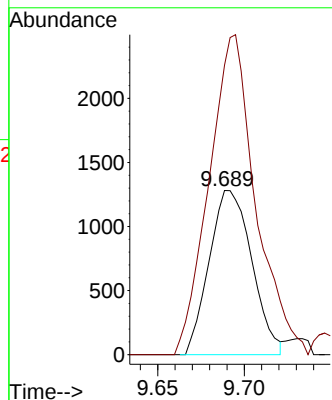
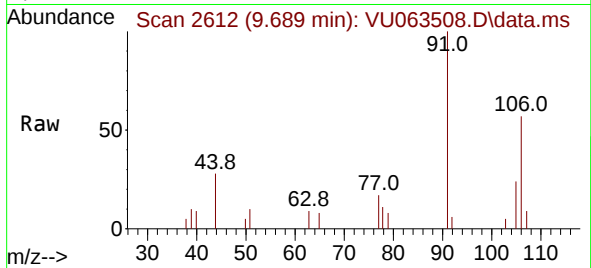




#68
m/p-Xylenes
Concen: 1.016 ug/l
RT: 9.689 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

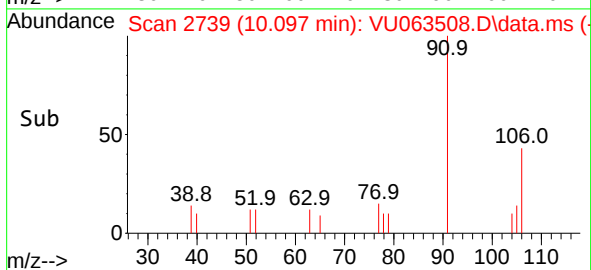
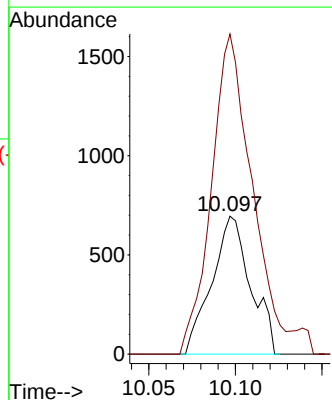
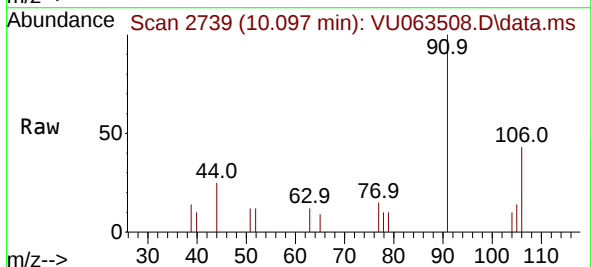
Instrument :
MSVOA_U
ClientSampleId :
MDL07

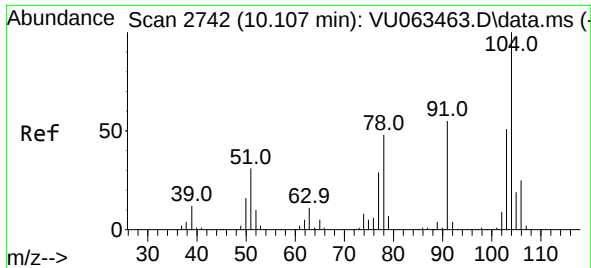
Tgt Ion:106 Resp: 2195
Ion Ratio Lower Upper
106 100
91 212.6 163.6 245.4



#69
o-Xylene
Concen: 0.493 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion:106 Resp: 1083
Ion Ratio Lower Upper
106 100
91 242.8 110.7 331.9

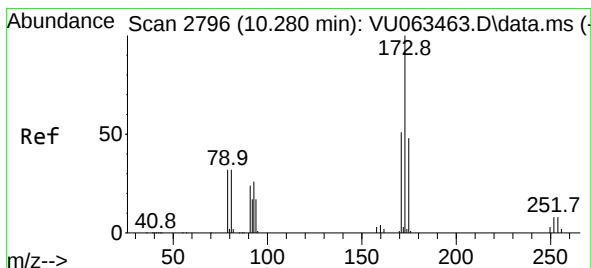
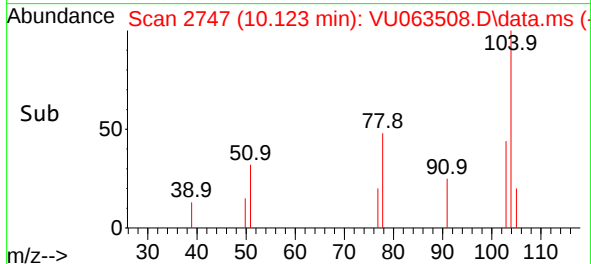
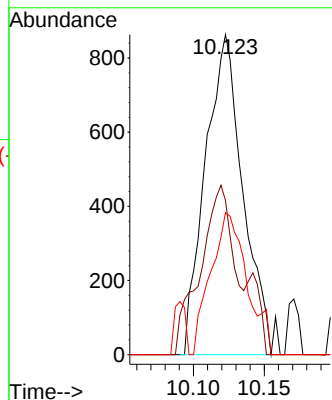
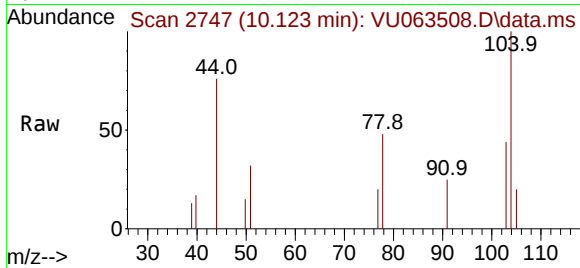




#70
Styrene
Concen: 0.460 ug/l
RT: 10.123 min Scan# 2747
Delta R.T. 0.016 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

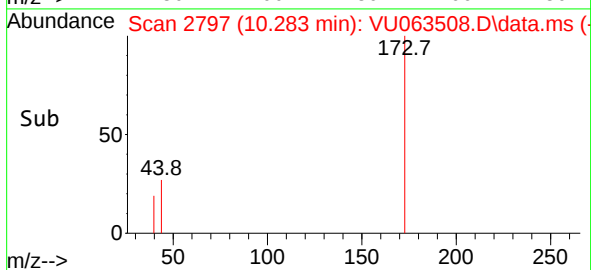
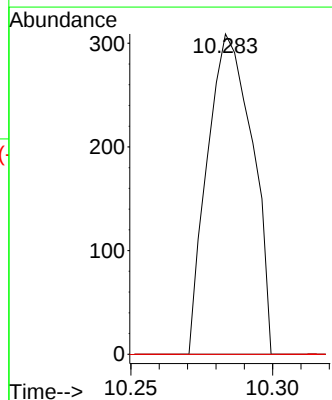
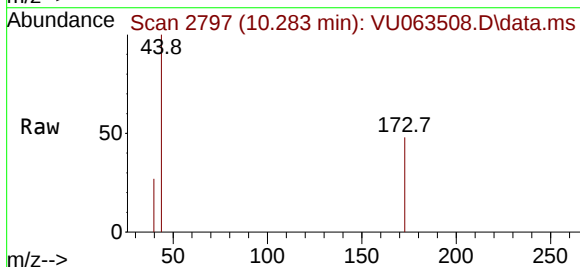
Instrument :
MSVOA_U
ClientSampleId :
MDL07

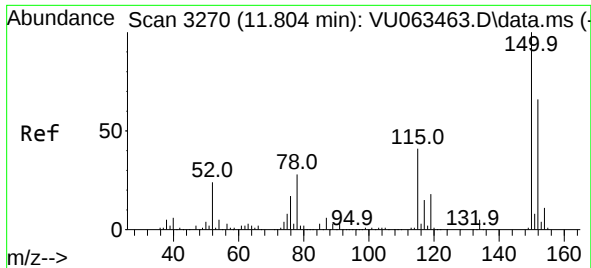
Tgt Ion:104 Resp: 1606
Ion Ratio Lower Upper
104 100
78 47.2 41.4 62.0
103 42.5 44.3 66.5#



#71
Bromoform
Concen: 0.345 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion:173 Resp: 340
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0

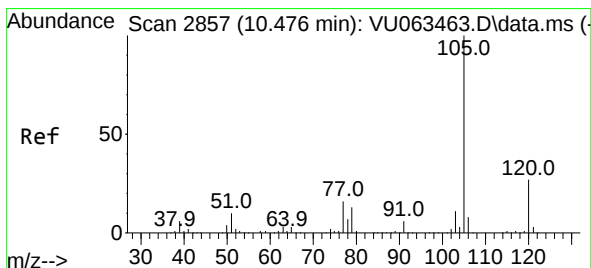
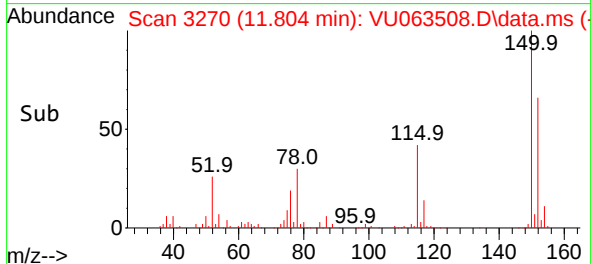
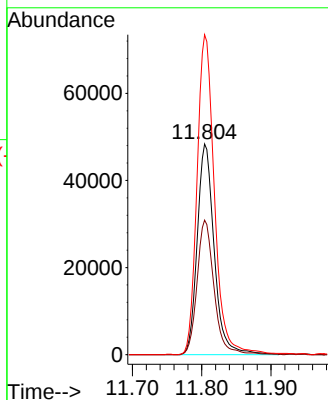
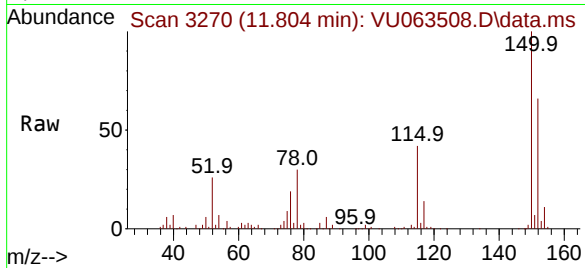




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

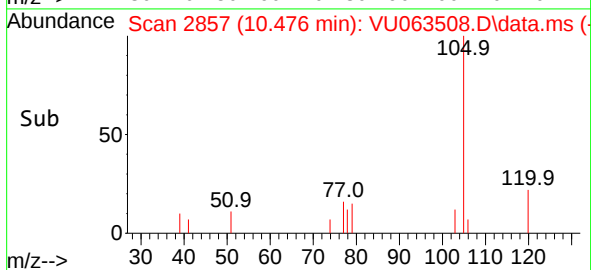
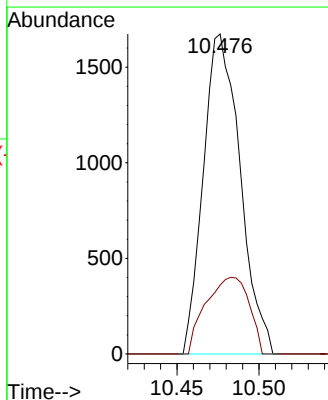
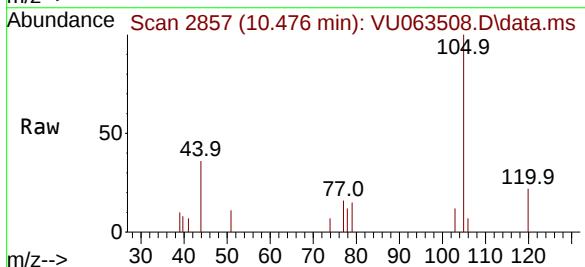
Instrument :
MSVOA_U
ClientSampleId :
MDL07

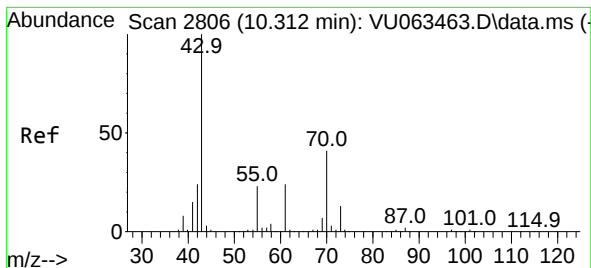
Tgt Ion:152 Resp: 82587
Ion Ratio Lower Upper
152 100
115 63.9 43.4 130.2
150 155.6 0.0 341.4



#73
Isopropylbenzene
Concen: 0.465 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion:105 Resp: 2612
Ion Ratio Lower Upper
105 100
120 28.0 13.1 39.1





#74

N-amy1 acetate

Concen: 0.525 ug/l

RT: 10.338 min Scan# 2

Delta R.T. 0.026 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion: 43 Resp: 1324

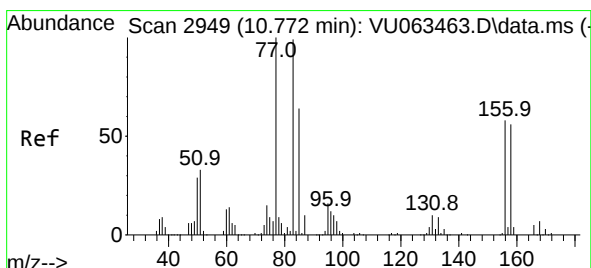
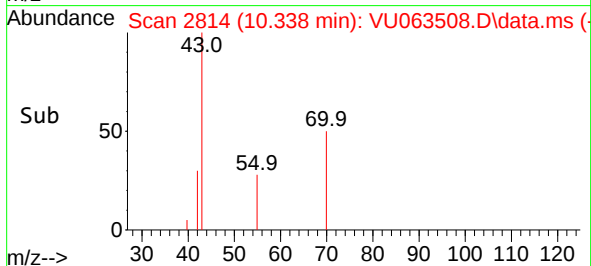
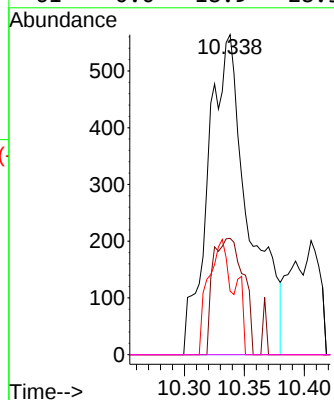
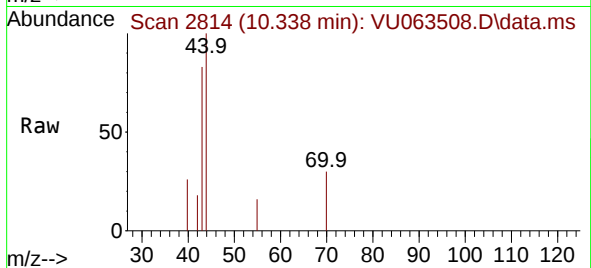
Ion Ratio Lower Upper

43 100

70 27.1 32.6 48.8#

55 23.3 18.6 27.8

61 0.0 18.9 28.3#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.499 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.006 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

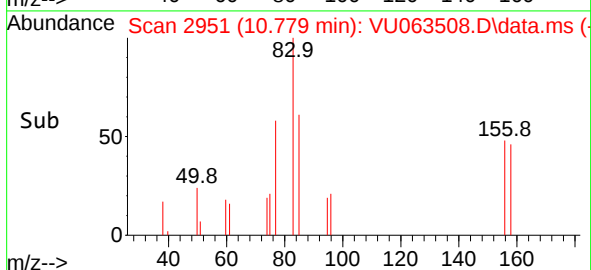
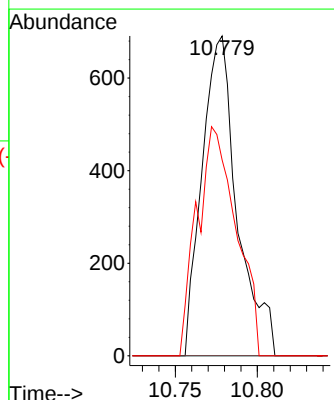
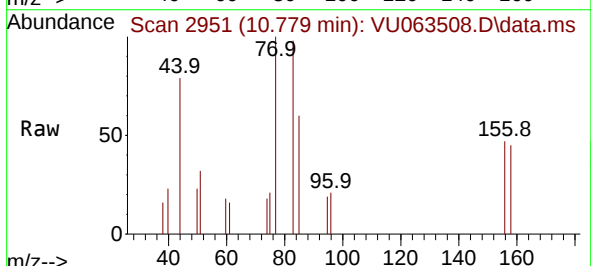
Tgt Ion: 83 Resp: 1033

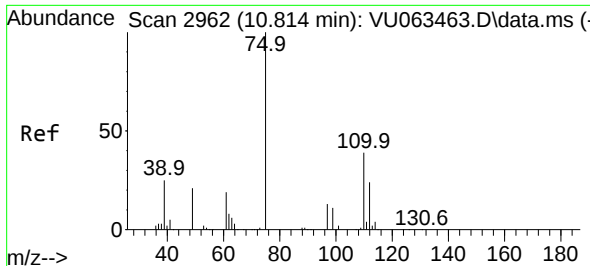
Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 79.7 32.3 96.8

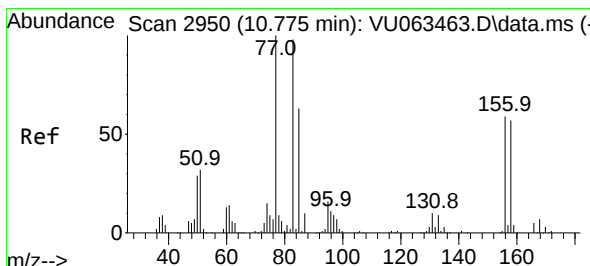
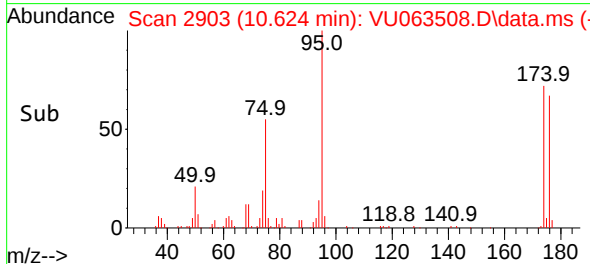
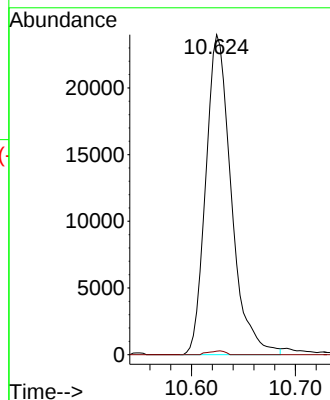
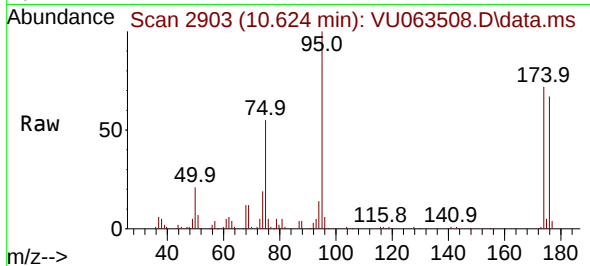




#76
1,2,3-Trichloropropane
Concen: 18.660 ug/l
RT: 10.624 min Scan# 2962
Delta R.T. -0.190 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

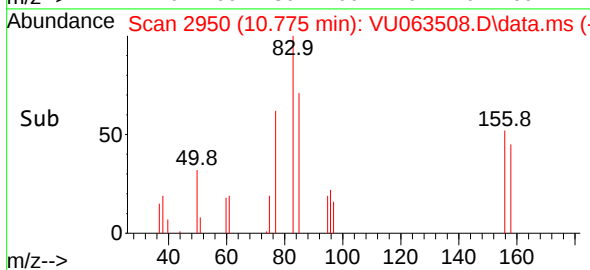
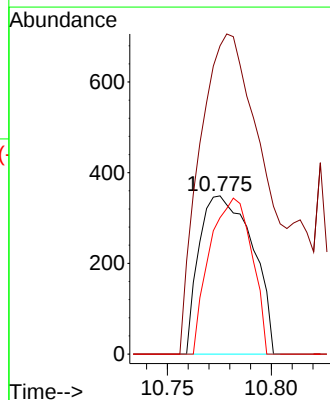
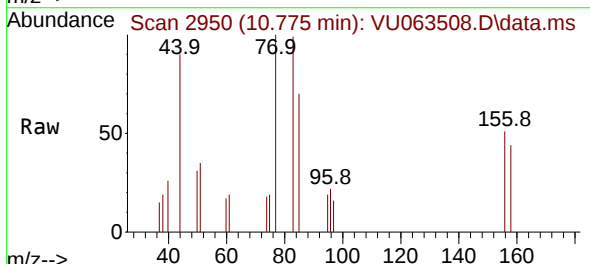
Instrument :
MSVOA_U
ClientSampleId :
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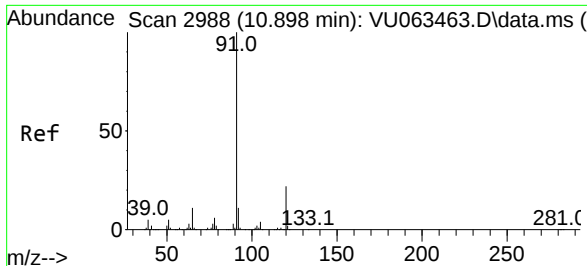
Tgt Ion: 75 Resp: 40836
Ion Ratio Lower Upper
75 100
77 0.8 3.1 9.4#



#77
Bromobenzene
Concen: 0.451 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion:156 Resp: 621
Ion Ratio Lower Upper
156 100
77 241.4 78.2 234.6#
158 78.1 46.8 140.4

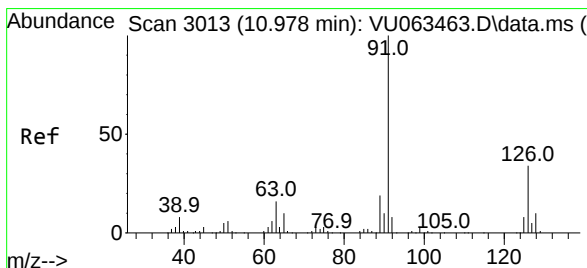
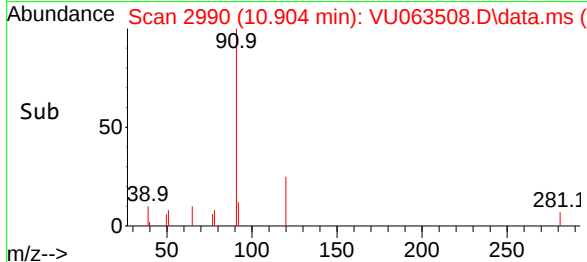
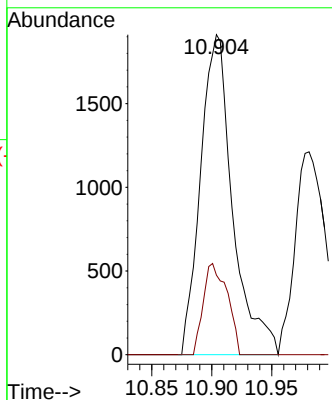
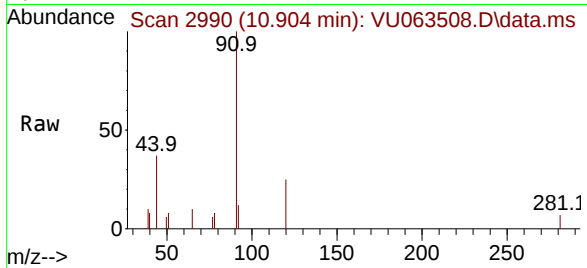




#78
n-propylbenzene
Concen: 0.546 ug/l
RT: 10.904 min Scan# 2988
Delta R.T. 0.006 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

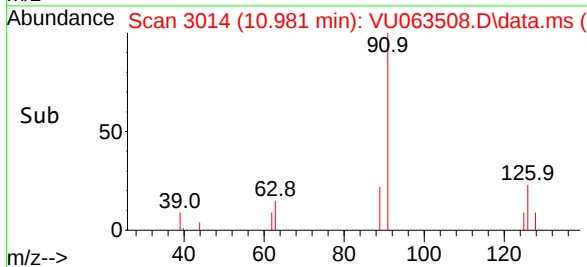
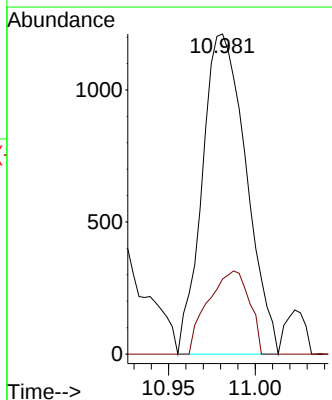
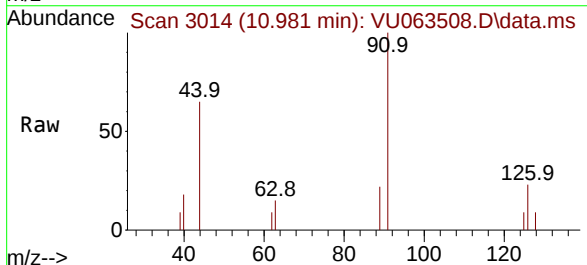
Instrument :
MSVOA_U
ClientSampleId :
MDL07

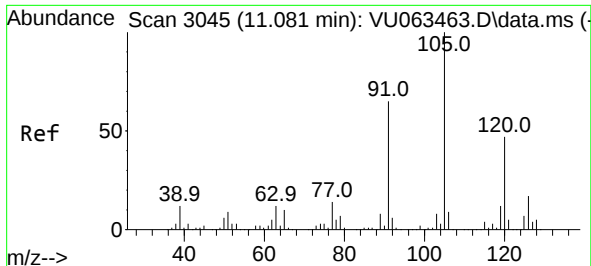
Tgt Ion: 91 Resp: 3561
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.522 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 91 Resp: 2135
Ion Ratio Lower Upper
91 100
126 24.4 15.9 47.7

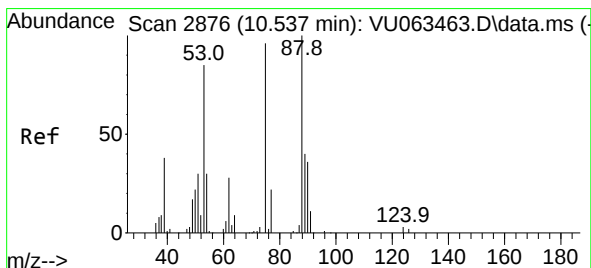
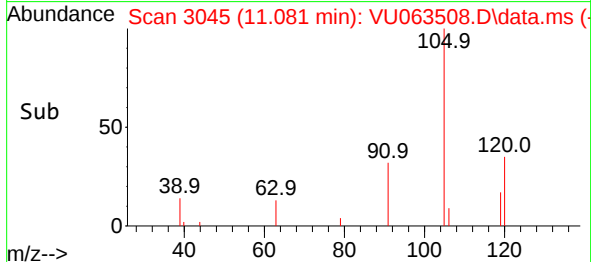
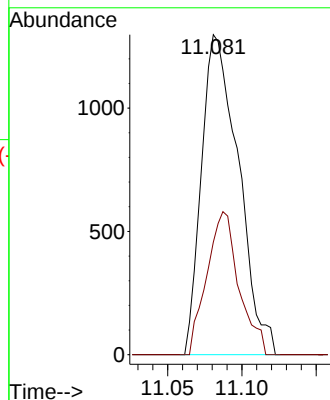
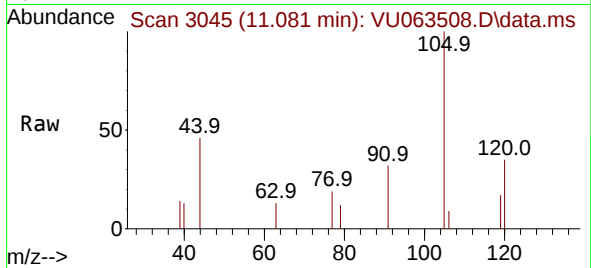




#80
1,3,5-Trimethylbenzene
Concen: 0.457 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

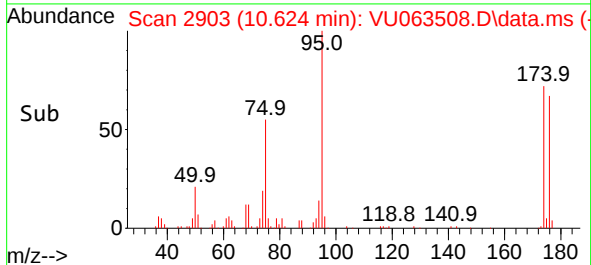
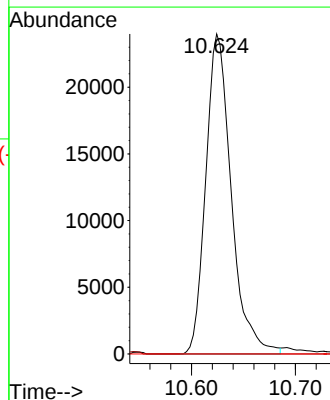
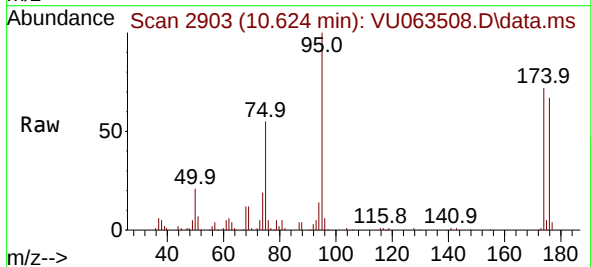
Instrument :
MSVOA_U
ClientSampleId :
MDL07

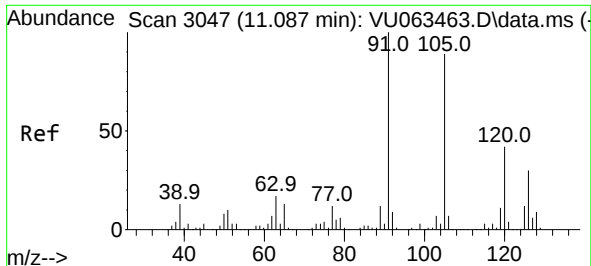
Tgt Ion:105 Resp: 2246
Ion Ratio Lower Upper
105 100
120 38.8 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 93.067 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.087 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 75 Resp: 40836
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#

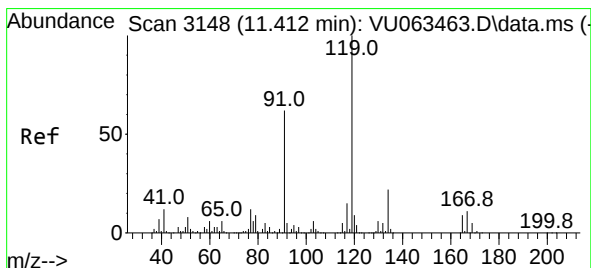
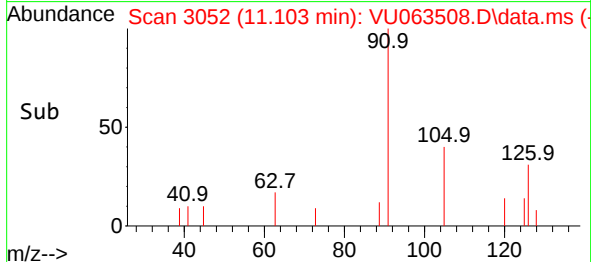
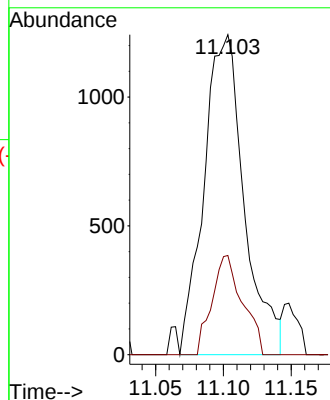
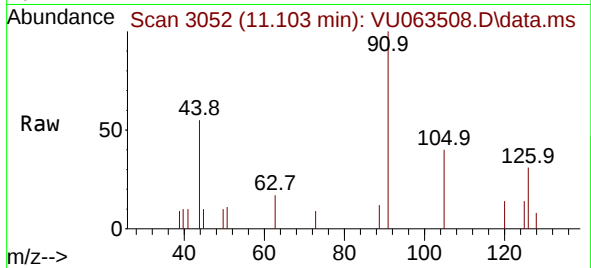




#82
4-Chlorotoluene
Concen: 0.552 ug/l
RT: 11.103 min Scan# 3047
Delta R.T. 0.016 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

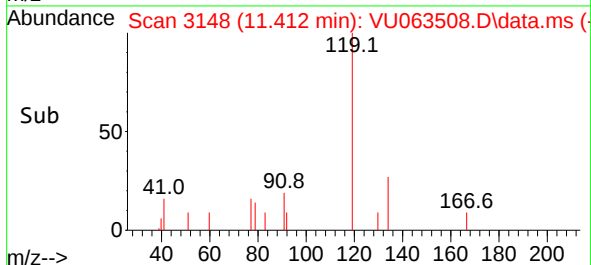
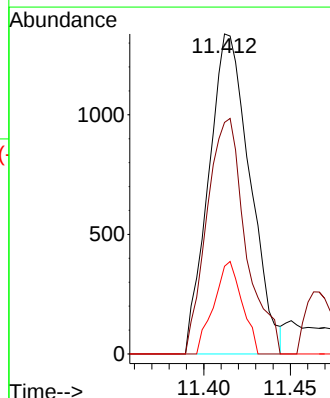
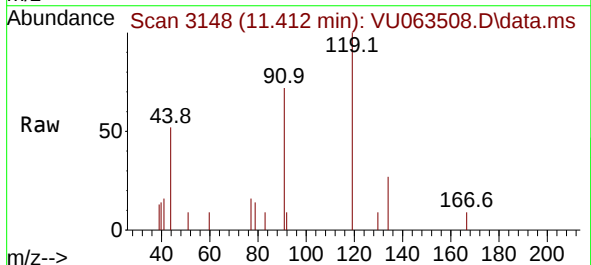
Instrument :
MSVOA_U
ClientSampleId :
MDL07

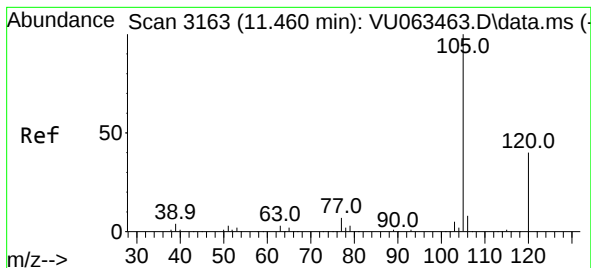
Tgt Ion: 91 Resp: 2562
Ion Ratio Lower Upper
91 100
126 23.6 14.4 43.2



#83
tert-Butylbenzene
Concen: 0.472 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 119 Resp: 2224
Ion Ratio Lower Upper
119 100
91 68.8 30.3 91.0
134 19.6 11.2 33.6





#84

1,2,4-Trimethylbenzene

Concen: 0.469 ug/l

RT: 11.467 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

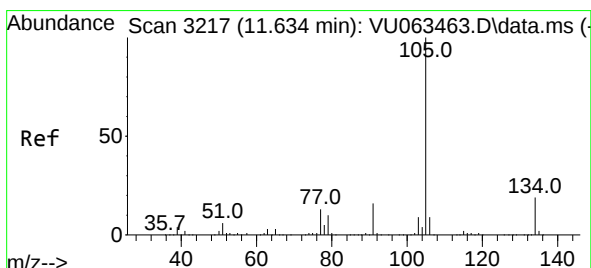
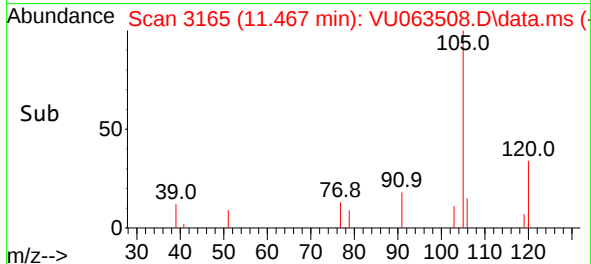
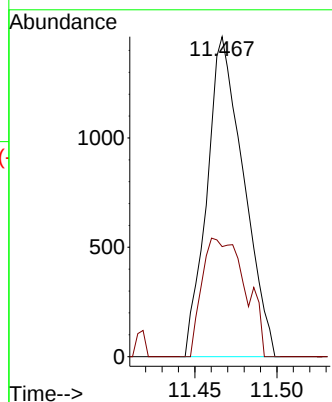
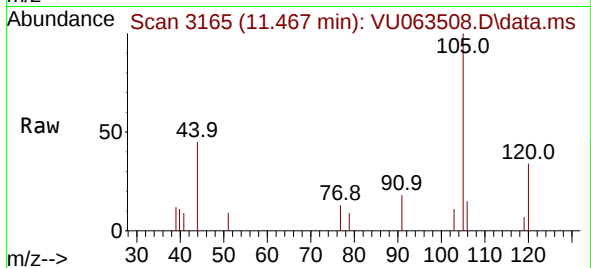
MDL07

Tgt Ion:105 Resp: 2266

Ion Ratio Lower Upper

105 100

120 43.7 22.1 66.3



#85

sec-Butylbenzene

Concen: 0.493 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU063508.D

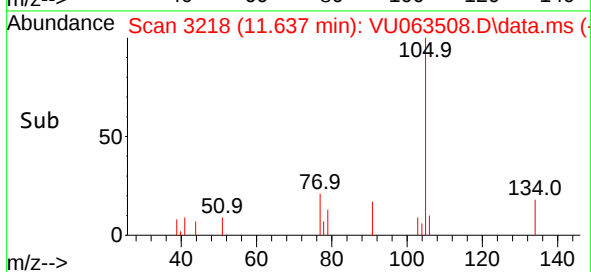
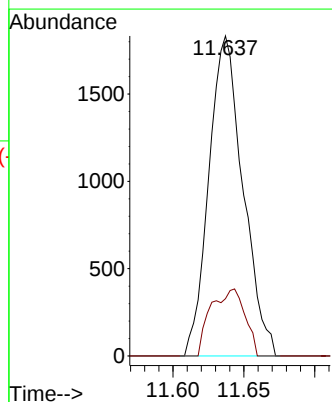
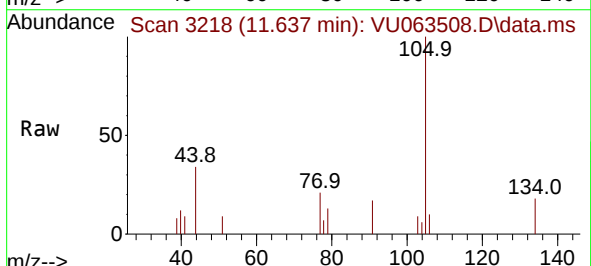
Acq: 14 Jul 2025 15:01

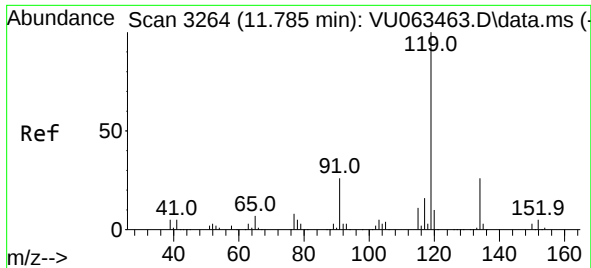
Tgt Ion:105 Resp: 3067

Ion Ratio Lower Upper

105 100

134 20.8 9.7 29.1

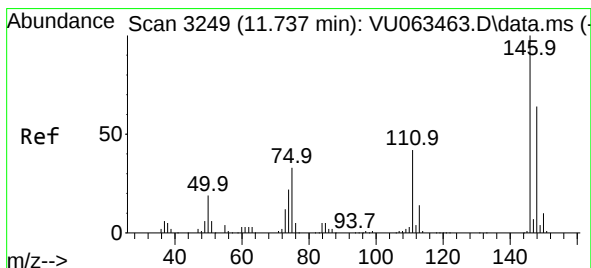
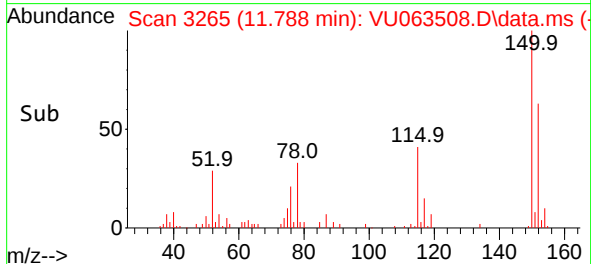
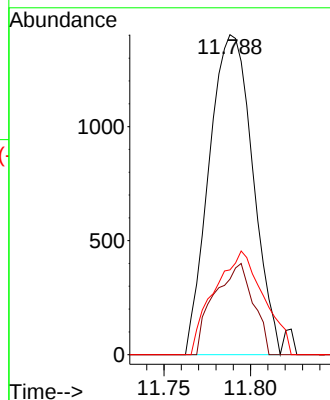
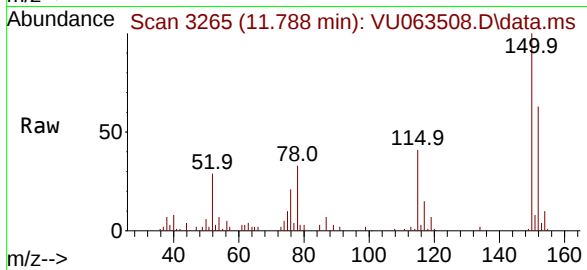




#86
p-Isopropyltoluene
Concen: 0.487 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

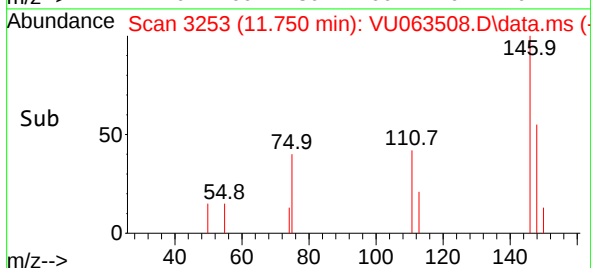
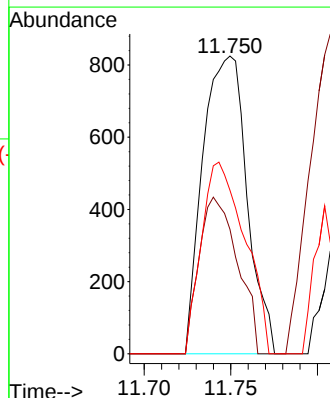
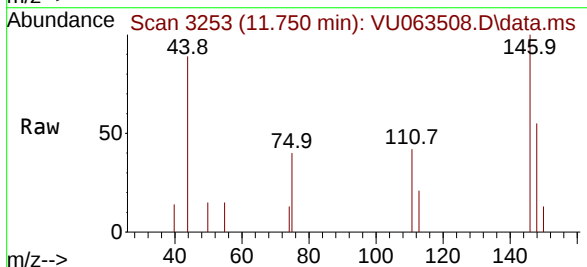
Instrument :
MSVOA_U
ClientSampleId :
MDL07

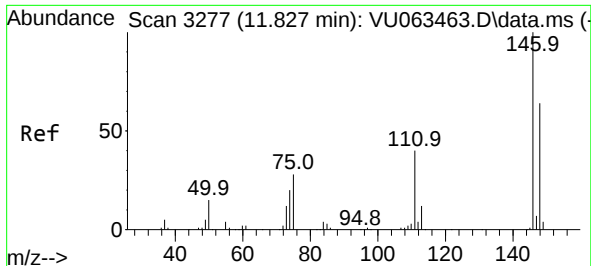
Tgt Ion:119 Resp: 2459
Ion Ratio Lower Upper
119 100
134 25.4 13.0 38.9
91 36.8 13.0 38.9



#87
1,3-Dichlorobenzene
Concen: 0.551 ug/l
RT: 11.750 min Scan# 3253
Delta R.T. 0.013 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

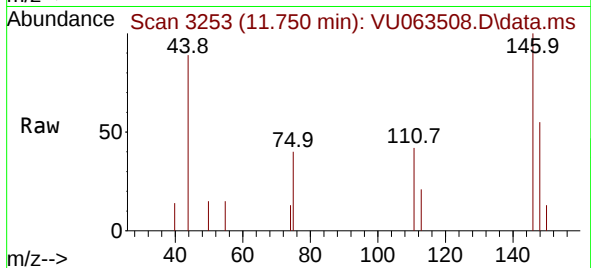
Tgt Ion:146 Resp: 1462
Ion Ratio Lower Upper
146 100
111 46.0 20.9 62.7
148 63.3 31.9 95.9



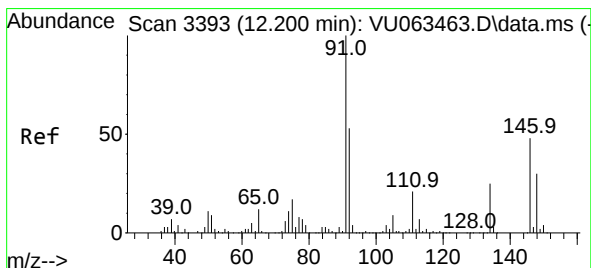
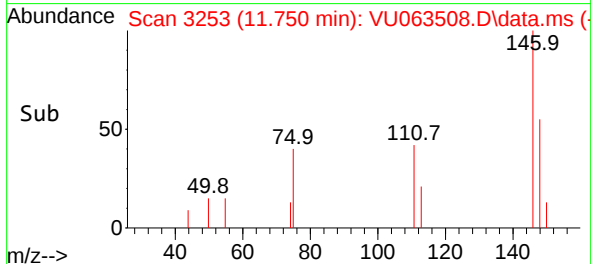
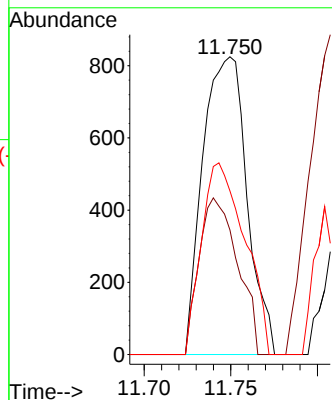


#88
1,4-Dichlorobenzene
Concen: 0.540 ug/l
RT: 11.750 min Scan# 31
Delta R.T. -0.077 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Instrument :
MSVOA_U
ClientSampleId :
MDL07

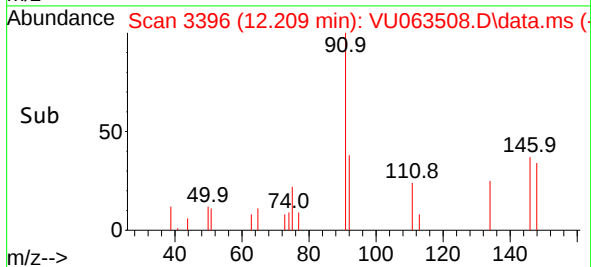
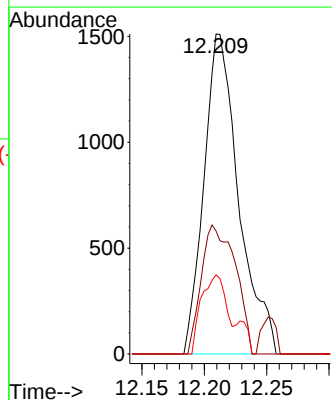
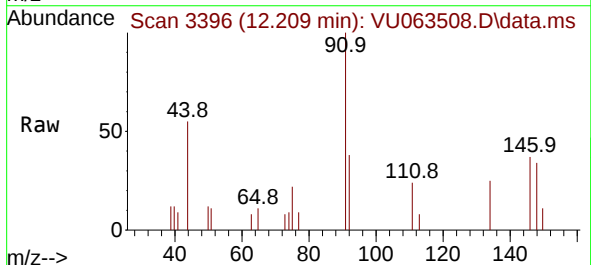


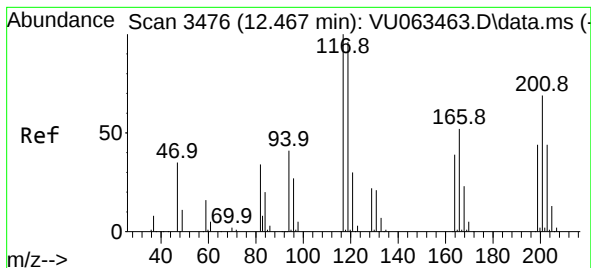
Tgt Ion:146 Resp: 1462
Ion Ratio Lower Upper
146 100
111 46.0 20.8 62.4
148 63.3 31.9 95.9



#89
n-Butylbenzene
Concen: 0.627 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.010 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion: 91 Resp: 2927
Ion Ratio Lower Upper
91 100
92 39.6 26.4 79.2
134 18.6 12.4 37.0





#90

Hexachloroethane

Concen: 0.270 ug/l

RT: 12.470 min Scan# 3476

Delta R.T. 0.003 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

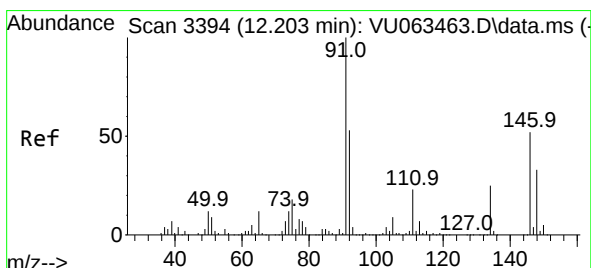
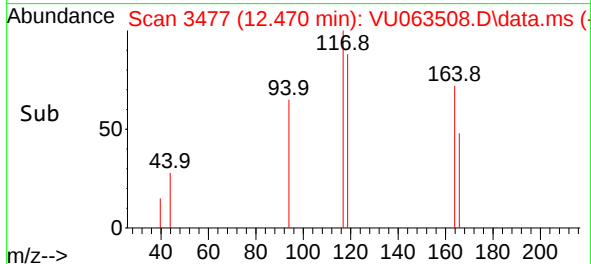
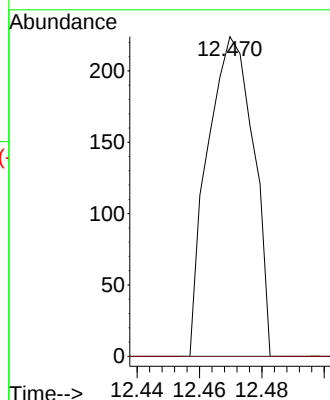
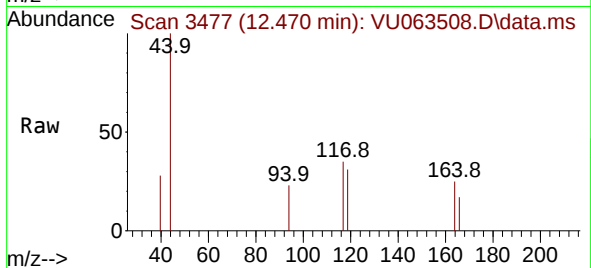
MDL07

Tgt Ion:117 Resp: 228

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.2#



#91

1,2-Dichlorobenzene

Concen: 0.438 ug/l

RT: 12.213 min Scan# 3397

Delta R.T. 0.010 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

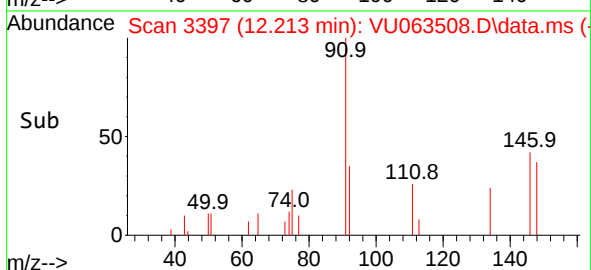
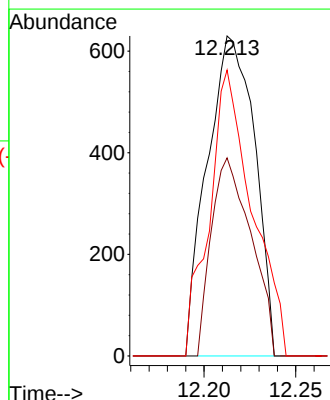
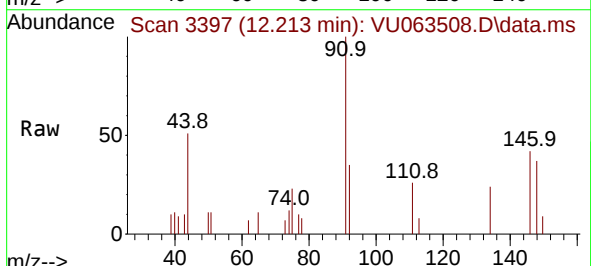
Tgt Ion:146 Resp: 1134

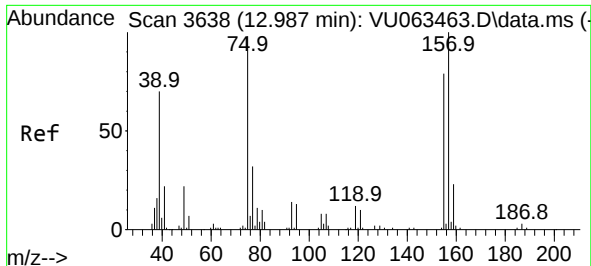
Ion Ratio Lower Upper

146 100

111 51.9 21.9 65.5

148 80.4 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.255 ug/l

RT: 13.007 min Scan# 3064

Delta R.T. 0.019 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

Instrument :

MSVOA_U

ClientSampleId :

MDL07

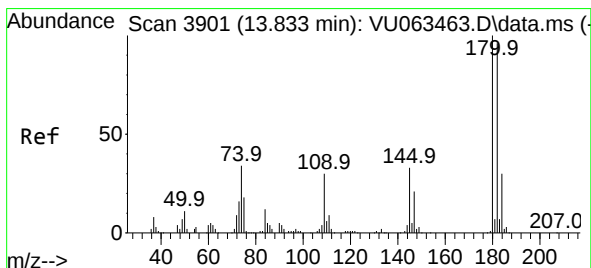
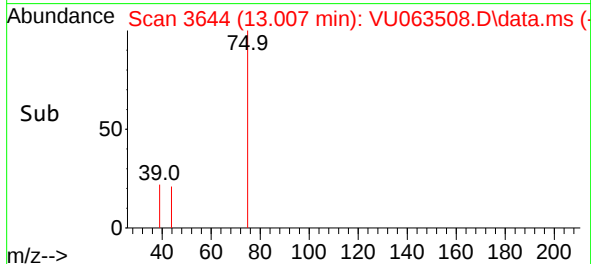
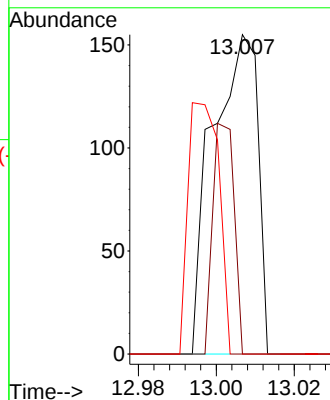
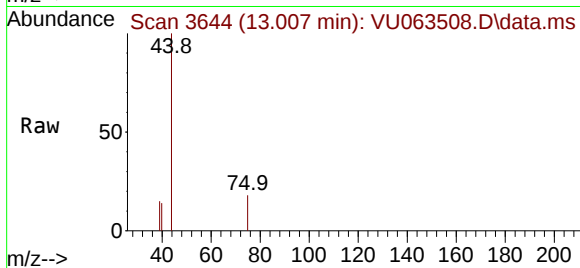
Tgt Ion: 75 Resp: 125

Ion Ratio Lower Upper

75 100

155 34.4 39.1 117.5#

157 53.6 49.4 148.2



#93

1,2,4-Trichlorobenzene

Concen: 0.612 ug/l

RT: 13.849 min Scan# 3906

Delta R.T. 0.016 min

Lab File: VU063508.D

Acq: 14 Jul 2025 15:01

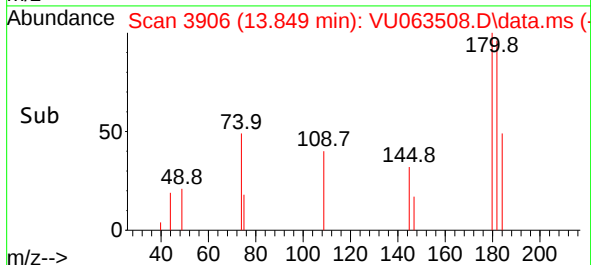
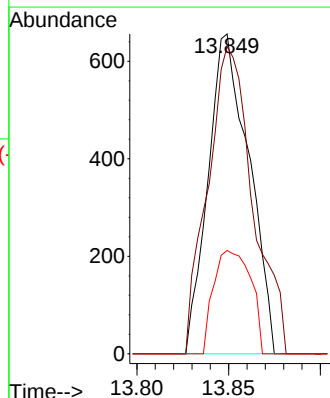
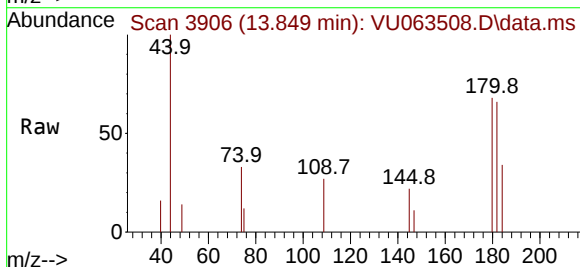
Tgt Ion: 180 Resp: 1014

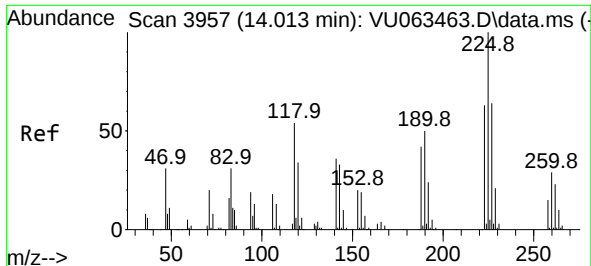
Ion Ratio Lower Upper

180 100

182 106.2 47.7 143.1

145 29.3 16.6 49.7

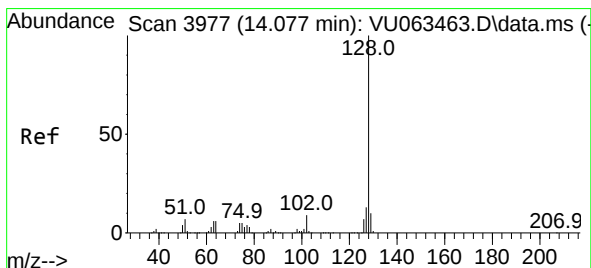
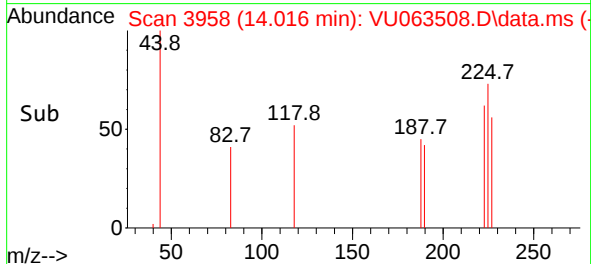
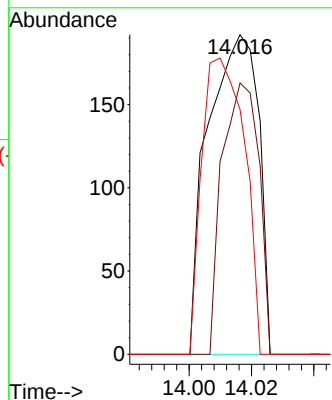
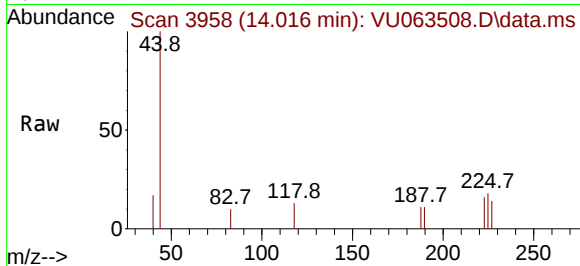




#94
Hexachlorobutadiene
Concen: 0.303 ug/l
RT: 14.016 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

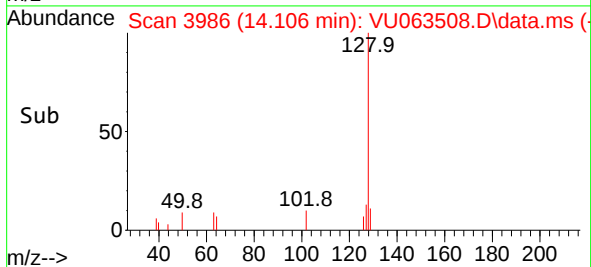
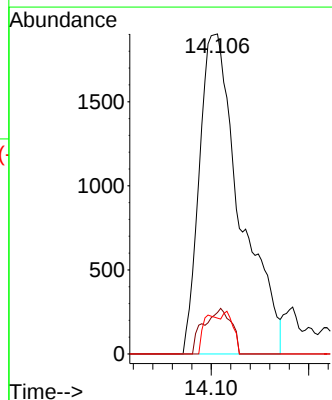
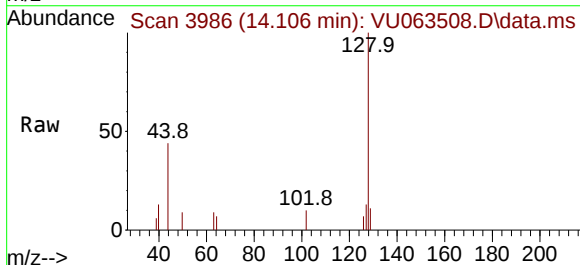
Instrument :
MSVOA_U
ClientSampleId :
MDL07

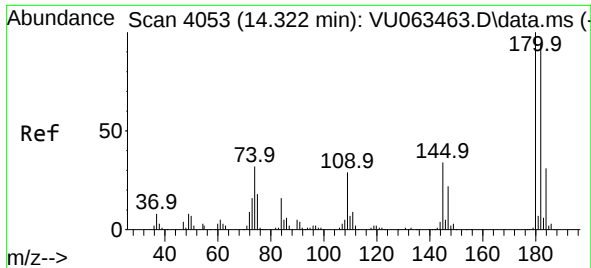
Tgt Ion:	225	Resp:	215
Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.4	97.0
227	78.1	32.3	96.9



#95
Naphthalene
Concen: 1.022 ug/l
RT: 14.106 min Scan# 3986
Delta R.T. 0.029 min
Lab File: VU063508.D
Acq: 14 Jul 2025 15:01

Tgt Ion:	128	Resp:	5546
Ion	Ratio	Lower	Upper
128	100		
127	9.6	10.2	15.4#
129	5.0	8.6	12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.658 ug/l
 RT: 14.328 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: VU063508.D
 Acq: 14 Jul 2025 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Tgt Ion:180 Resp: 1072
 Ion Ratio Lower Upper
 180 100
 182 92.1 47.8 143.3
 145 13.5 17.2 51.5#

