

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
 Data File : VU063479.D
 Acq On : 10 Jul 2025 14:37
 Operator : MD/SY
 Sample : MDL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Quant Time: Jul 11 04:54:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 11 04:42:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	118550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	210515	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	190774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.807	152	96096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	73384	48.516	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.040%
35) Dibromofluoromethane	5.280	113	58529	46.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.240%
50) Toluene-d8	7.888	98	183997	44.483	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.960%#
62) 4-Bromofluorobenzene	10.627	95	81653	45.130	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.260%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.380	85	582	0.617	ug/l	88
3) Chloromethane	1.518	50	898	0.782	ug/l #	83
4) Vinyl Chloride	1.595	62	907	0.712	ug/l #	82
5) Bromomethane	1.849	94	982	1.101	ug/l	94
6) Chloroethane	1.920	64	809	0.877	ug/l	99
7) Trichlorofluoromethane	2.129	101	1278	0.622	ug/l	96
8) Diethyl Ether	2.370	74	447	0.522	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.573	101	484	0.398	ug/l #	61
10) Methyl Iodide	2.708	142	771	0.607	ug/l #	77
11) Tert butyl alcohol	3.187	59	1133	2.234	ug/l	98
12) 1,1-Dichloroethene	2.570	96	836	0.739	ug/l #	72
13) Acrolein	2.473	56	73	1.020	ug/l #	53
14) Allyl chloride	2.904	41	2084	0.774	ug/l #	75
15) Acrylonitrile	3.312	53	3879	3.571	ug/l	94
16) Acetone	2.624	43	6184	4.874	ug/l #	81
17) Carbon Disulfide	2.779	76	2697	0.997	ug/l #	90
18) Methyl Acetate	2.943	43	1639	0.502	ug/l #	85
19) Methyl tert-butyl Ether	3.357	73	2674	0.548	ug/l #	73
20) Methylene Chloride	3.029	84	2703	1.461	ug/l	98
21) trans-1,2-Dichloroethene	3.335	96	1119	0.921	ug/l #	60
22) Diisopropyl ether	3.997	45	2451	0.535	ug/l #	50
23) Vinyl Acetate	3.965	43	8300	2.333	ug/l	98
24) 1,1-Dichloroethane	3.849	63	1469	0.565	ug/l #	82
25) 2-Butanone	4.679	43	222	0.156	ug/l #	49
26) 2,2-Dichloropropane	4.647	77	1212	0.535	ug/l #	68
27) cis-1,2-Dichloroethene	4.647	96	340	0.212	ug/l #	1
28) Bromochloromethane	4.968	49	643	0.526	ug/l #	70
29) Tetrahydrofuran	5.071	42	2323	2.585	ug/l	94
30) Chloroform	5.074	83	1524	0.555	ug/l	96
31) Cyclohexane	5.357	56	3862	1.847	ug/l #	20
32) 1,1,1-Trichloroethane	5.299	97	1104	0.472	ug/l #	52
36) 1,1-Dichloropropene	5.524	75	742	0.430	ug/l	86
37) Ethyl Acetate	4.746	43	1414	0.506	ug/l #	70
38) Carbon Tetrachloride	5.508	117	1175	0.618	ug/l #	55
39) Methylcyclohexane	6.750	83	1327	0.637	ug/l	99
40) Benzene	5.766	78	1400	0.260	ug/l	98

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.975	41	40	0.030	ug/l #	43
42) 1,2-Dichloroethane	5.795	62	1282	0.633	ug/l	80
43) Isopropyl Acetate	5.936	43	2191	0.591	ug/l #	61
44) Trichloroethene	6.544	130	739	0.513	ug/l	87
45) 1,2-Dichloropropane	6.785	63	446	0.298	ug/l #	43
46) Dibromomethane	6.907	93	529	0.497	ug/l	93
47) Bromodichloromethane	7.100	83	1144	0.517	ug/l #	97
48) Methyl methacrylate	6.926	41	138	0.081	ug/l #	27
49) 1,4-Dioxane	6.981	88	257	6.832	ug/l #	72
51) 4-Methyl-2-Pentanone	7.794	43	8074	3.008	ug/l	96
52) Toluene	7.965	92	1911	0.543	ug/l	89
53) t-1,3-Dichloropropene	8.216	75	746	0.385	ug/l #	80
54) cis-1,3-Dichloropropene	7.611	75	996	0.459	ug/l #	86
55) 1,1,2-Trichloroethane	8.399	97	712	0.476	ug/l	94
56) Ethyl methacrylate	8.351	69	1094	0.453	ug/l #	77
57) 1,3-Dichloropropane	8.569	76	1106	0.449	ug/l	99
59) 2-Hexanone	8.695	43	6857	3.377	ug/l	86
60) Dibromochloromethane	8.807	129	622	0.371	ug/l	75
61) 1,2-Dibromoethane	8.926	107	842	0.574	ug/l #	66
64) Tetrachloroethene	8.544	164	723	0.509	ug/l	91
65) Chlorobenzene	9.441	112	2383	0.600	ug/l	94
66) 1,1,1,2-Tetrachloroethane	9.524	131	690	0.507	ug/l #	56
67) Ethyl Benzene	9.566	91	3951	0.579	ug/l	95
68) m/p-Xylenes	9.692	106	3016	1.158	ug/l	90
69) o-Xylene	10.100	106	1322	0.499	ug/l	95
70) Styrene	10.122	104	1862	0.442	ug/l #	87
71) Bromoform	10.290	173	631	0.532	ug/l #	74
73) Isopropylbenzene	10.482	105	3479	0.532	ug/l	98
74) N-amyl acetate	10.335	43	1370	0.467	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	10.778	83	1179	0.490	ug/l #	94
76) 1,2,3-Trichloropropane	10.817	75	1835	0.721	ug/l #	81
77) Bromobenzene	10.775	156	807	0.504	ug/l #	61
78) n-propylbenzene	10.900	91	4424	0.583	ug/l	95
79) 2-Chlorotoluene	10.981	91	2930	0.616	ug/l	97
80) 1,3,5-Trimethylbenzene	11.084	105	3033	0.530	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.627	75	45632	89.378	ug/l #	12
82) 4-Chlorotoluene	11.103	91	3420	0.633	ug/l	99
83) tert-Butylbenzene	11.412	119	3244	0.591	ug/l	94
84) 1,2,4-Trimethylbenzene	11.466	105	3240	0.577	ug/l	94
85) sec-Butylbenzene	11.637	105	4279	0.591	ug/l	88
86) p-Isopropyltoluene	11.788	119	3523	0.600	ug/l	88
87) 1,3-Dichlorobenzene	11.746	146	1921	0.622	ug/l	95
88) 1,4-Dichlorobenzene	11.746	146	1921	0.610	ug/l	95
89) n-Butylbenzene	12.212	91	3879	0.714	ug/l	98
90) Hexachloroethane	12.466	117	442	0.450	ug/l #	58
91) 1,2-Dichlorobenzene	12.216	146	1701	0.565	ug/l	84
92) 1,2-Dibromo-3-Chloropr...	13.000	75	254	0.446	ug/l	71
93) 1,2,4-Trichlorobenzene	13.846	180	1435	0.744	ug/l	90
94) Hexachlorobutadiene	14.023	225	441	0.535	ug/l	93
95) Naphthalene	14.103	128	5387	0.853	ug/l	99
96) 1,2,3-Trichlorobenzene	14.331	180	1301	0.686	ug/l	90

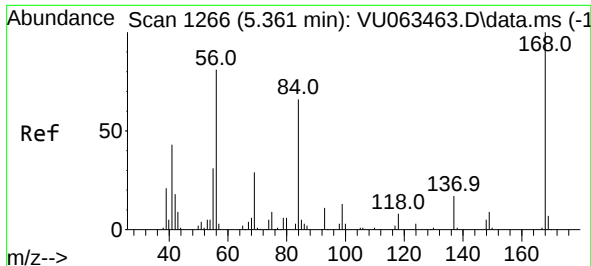
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
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Quant Title : SW846 8260
QLast Update : Fri Jul 11 04:42:35 2025
Response via : Initial Calibration

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

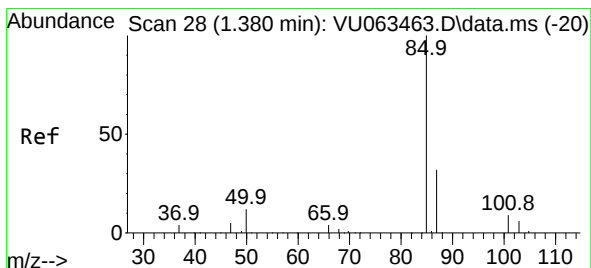
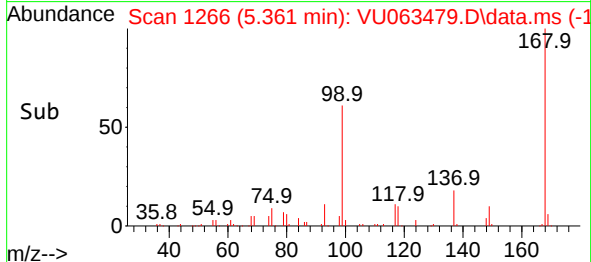
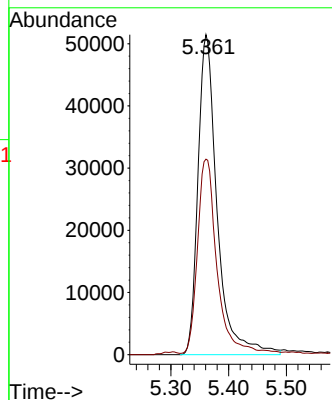
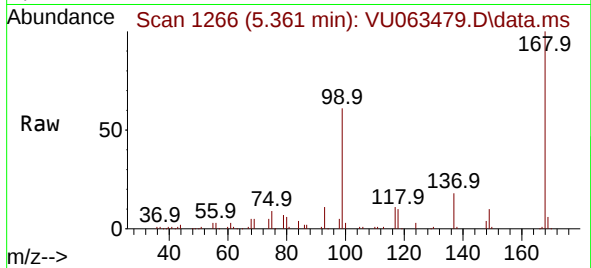
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

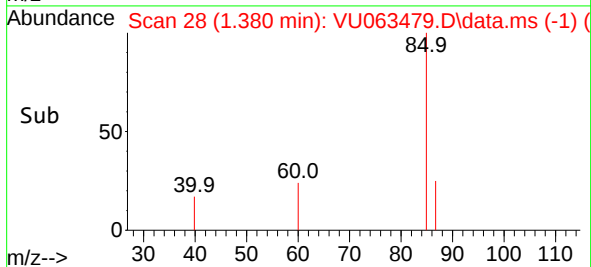
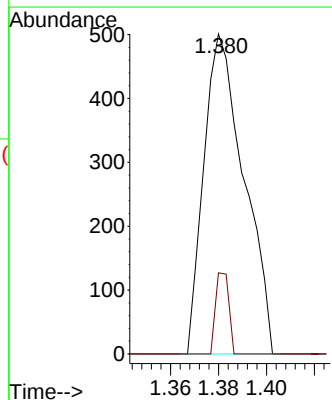
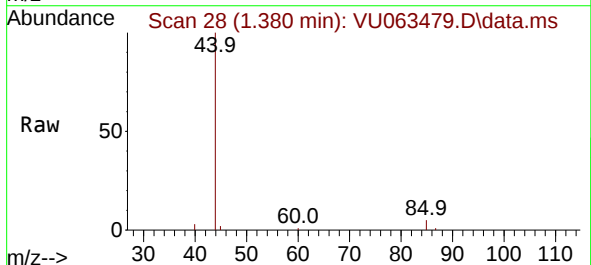
Instrument :
MSVOA_U
ClientSampleId :
MDL02

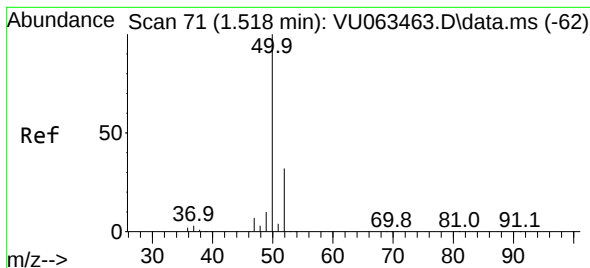
Tgt Ion:168 Resp: 118550
Ion Ratio Lower Upper
168 100
99 60.7 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 0.617 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 85 Resp: 582
Ion Ratio Lower Upper
85 100
87 25.3 16.1 48.2





#3

Chloromethane

Concen: 0.782 ug/l

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

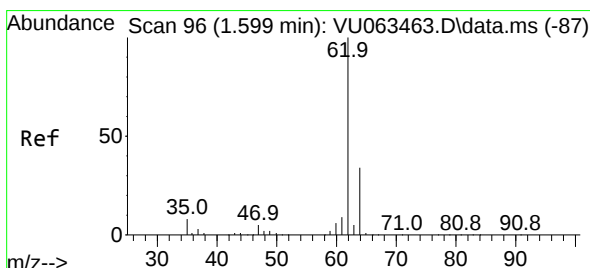
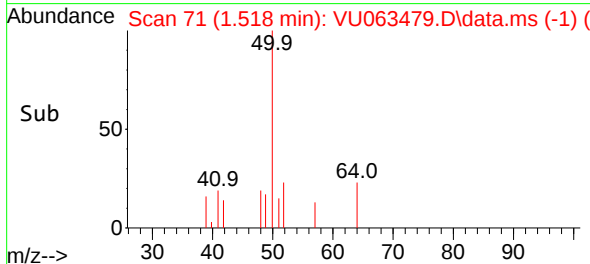
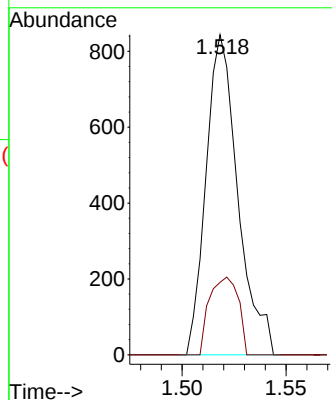
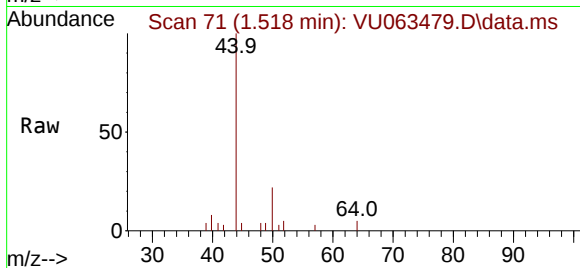
MDL02

Tgt Ion: 50 Resp: 898

Ion Ratio Lower Upper

50 100

52 22.6 25.8 38.8#



#4

Vinyl Chloride

Concen: 0.712 ug/l

RT: 1.595 min Scan# 95

Delta R.T. -0.003 min

Lab File: VU063479.D

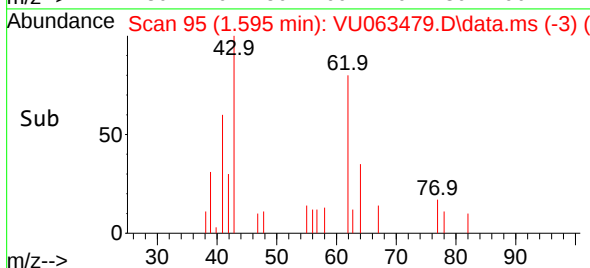
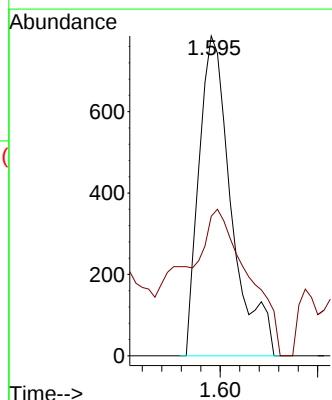
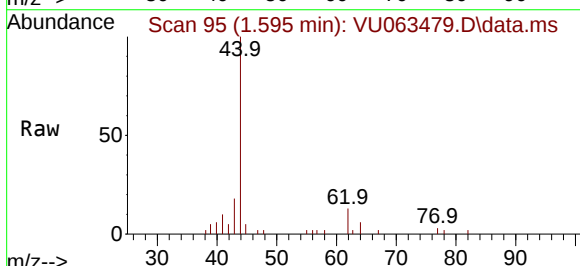
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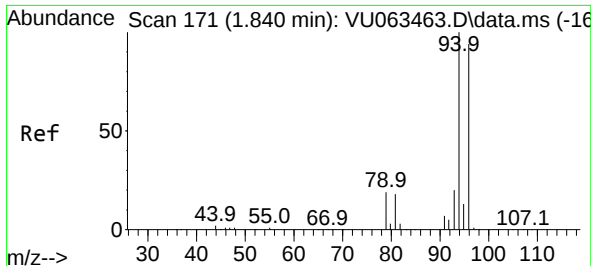
Tgt Ion: 62 Resp: 907

Ion Ratio Lower Upper

62 100

64 43.6 26.9 40.3#

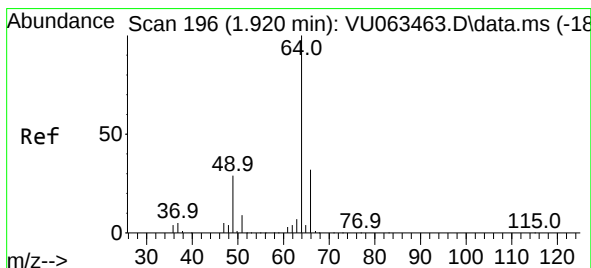
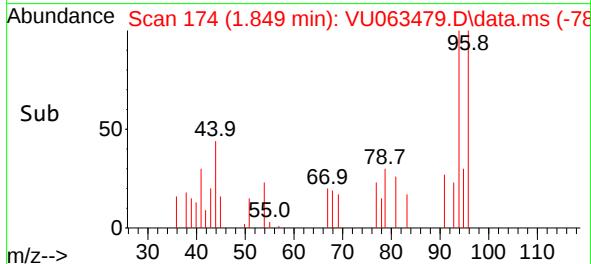
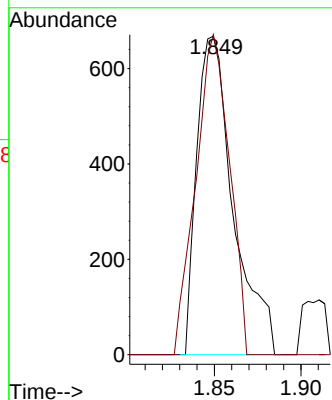
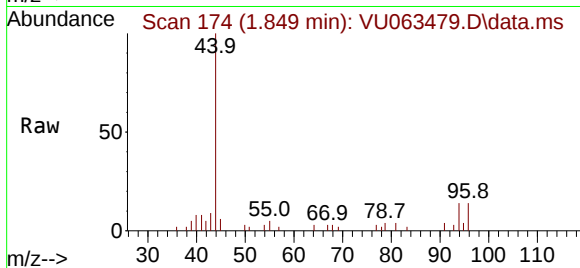




#5
Bromomethane
Concen: 1.101 ug/l
RT: 1.849 min Scan# 171
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

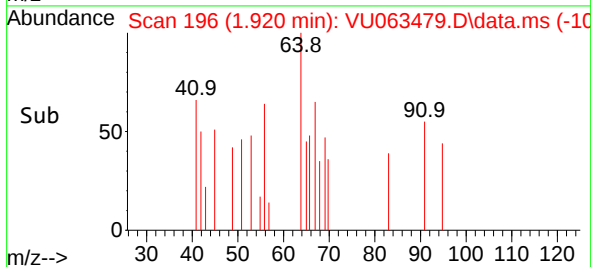
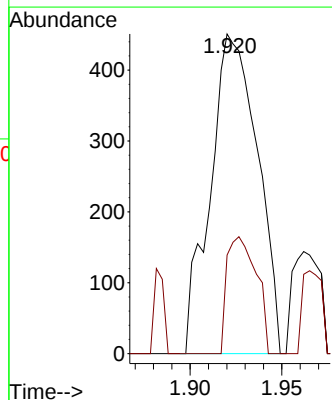
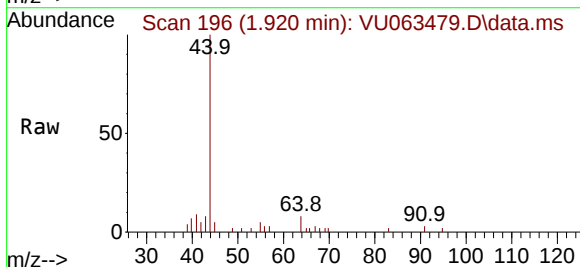
Instrument :
MSVOA_U
ClientSampleId :
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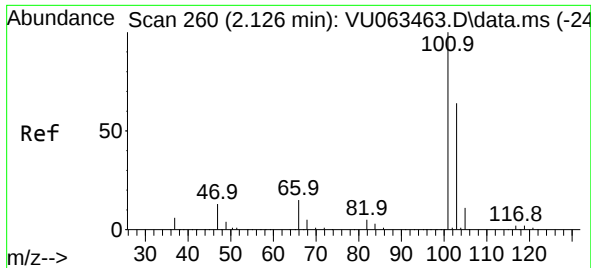
Tgt Ion: 94 Resp: 982
Ion Ratio Lower Upper
94 100
96 100.4 75.5 113.3



#6
Chloroethane
Concen: 0.877 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 64 Resp: 809
Ion Ratio Lower Upper
64 100
66 30.8 25.3 37.9

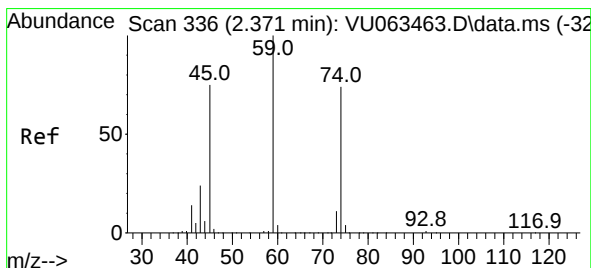
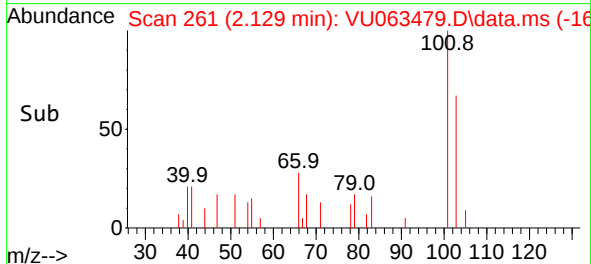
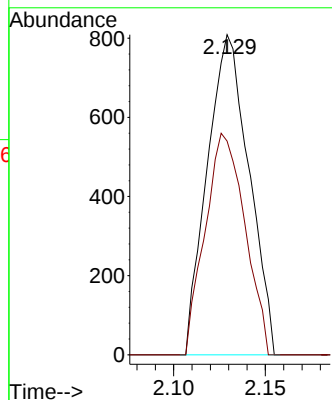
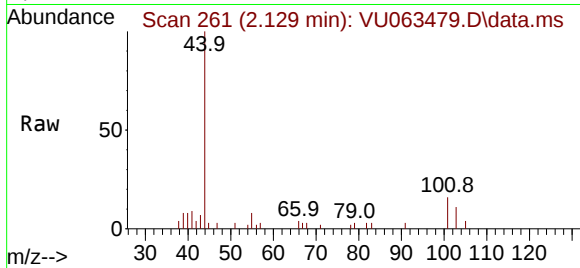




#7
Trichlorofluoromethane
Concen: 0.622 ug/l
RT: 2.129 min Scan# 260
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

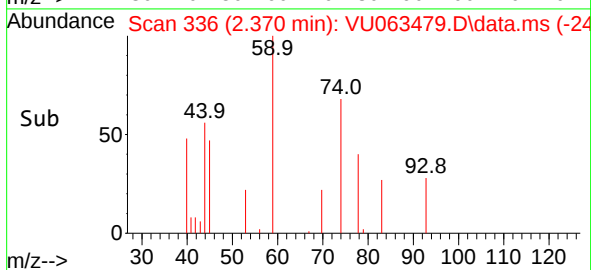
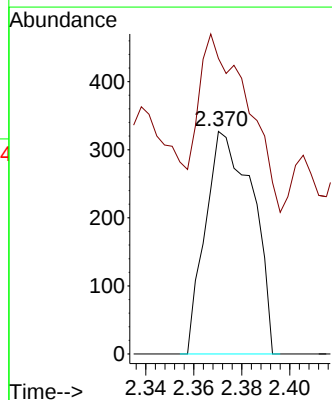
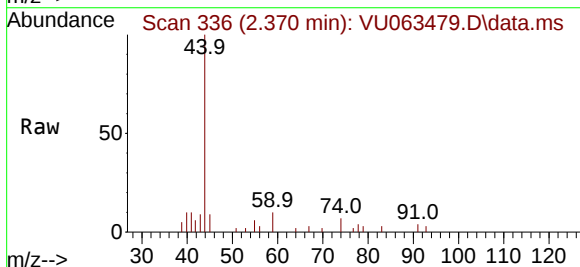
Instrument :
MSVOA_U
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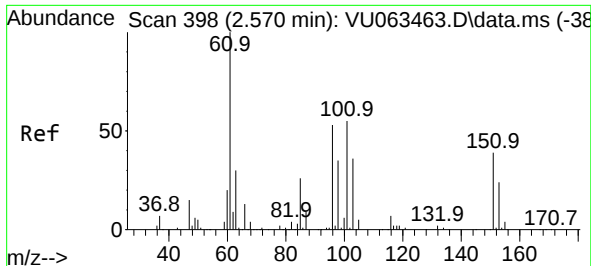
Tgt Ion:101 Resp: 1278
Ion Ratio Lower Upper
101 100
103 66.7 51.1 76.7



#8
Diethyl Ether
Concen: 0.522 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 74 Resp: 447
Ion Ratio Lower Upper
74 100
45 94.4 49.7 149.1

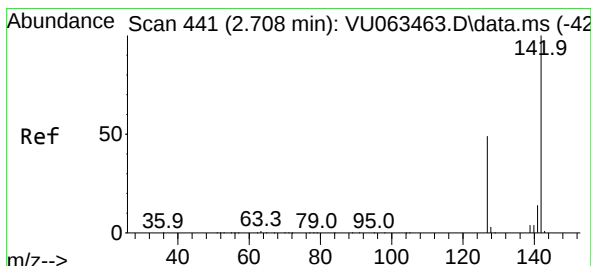
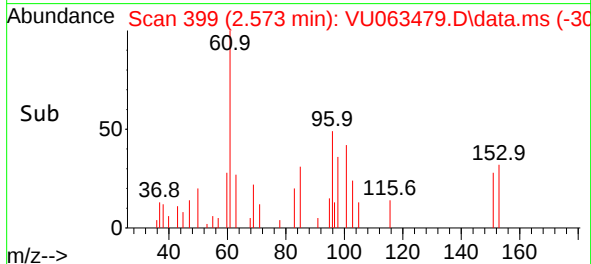
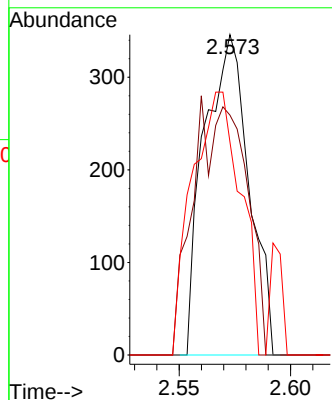
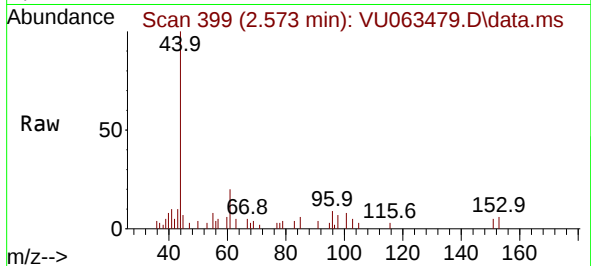




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.398 ug/l
RT: 2.573 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

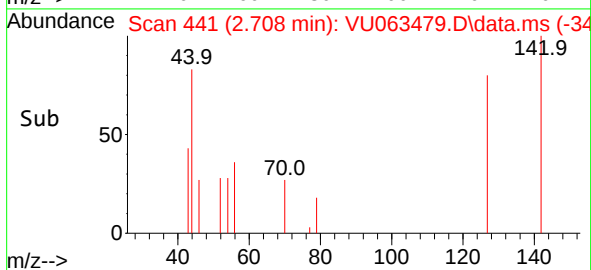
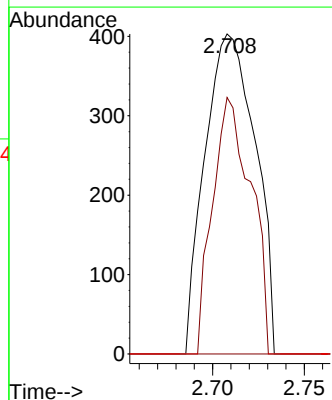
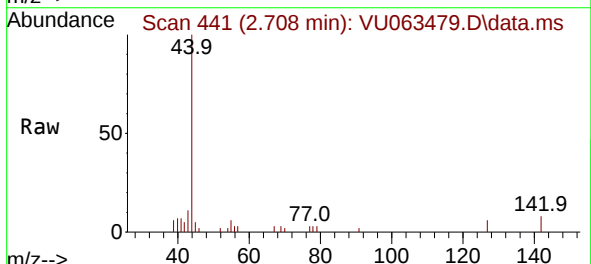
Instrument :
MSVOA_U
ClientSampleId :
MDL02

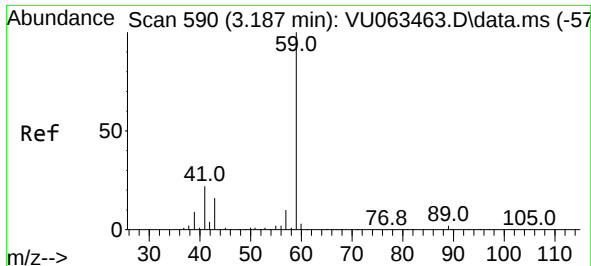
Tgt Ion:101 Resp: 484
Ion Ratio Lower Upper
101 100
85 94.6 39.6 59.4#
151 88.8 57.2 85.8#



#10
Methyl Iodide
Concen: 0.607 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion:142 Resp: 771
Ion Ratio Lower Upper
142 100
127 61.1 38.2 57.4#
141 0.0 11.1 16.7#

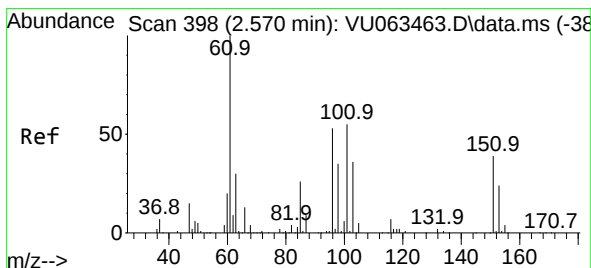
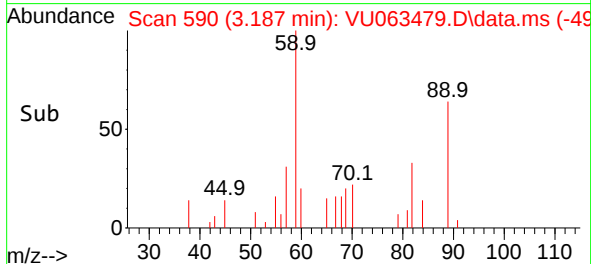
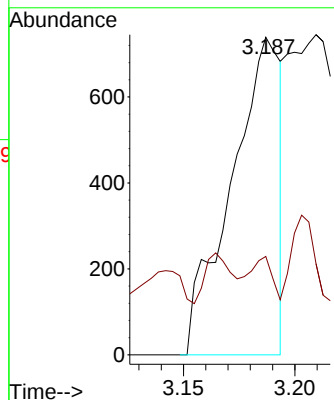
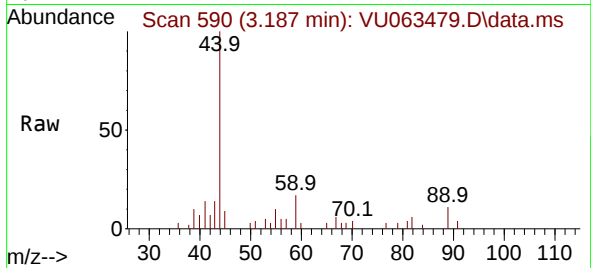




#11
Tert butyl alcohol
Concen: 2.234 ug/l
RT: 3.187 min Scan# 590
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

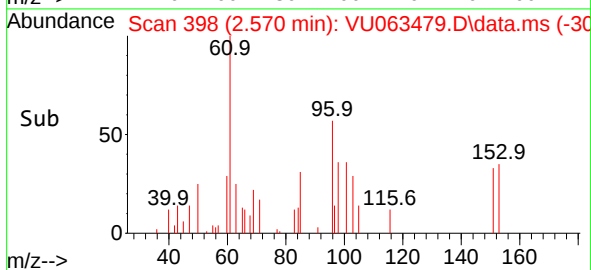
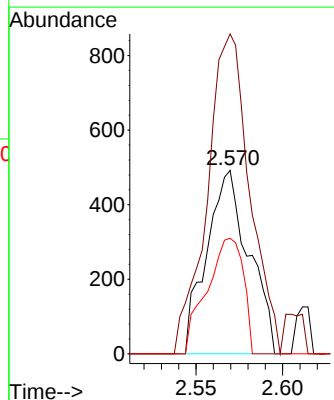
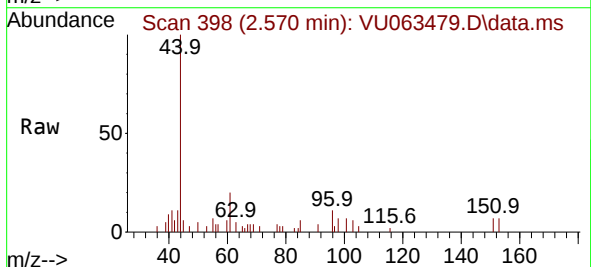
Instrument :
MSVOA_U
ClientSampleId :
MDL02

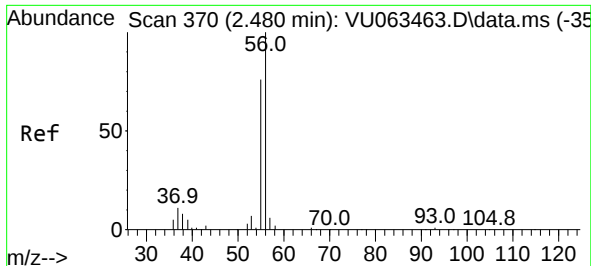
Tgt Ion: 59 Resp: 1133
Ion Ratio Lower Upper
59 100
57 11.9 8.8 13.2



#12
1,1-Dichloroethene
Concen: 0.739 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 96 Resp: 836
Ion Ratio Lower Upper
96 100
61 141.1 149.6 224.4#
98 51.0 52.0 78.0#

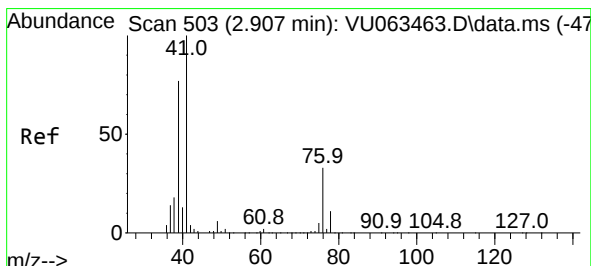
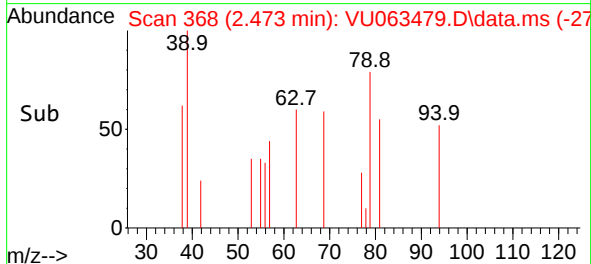
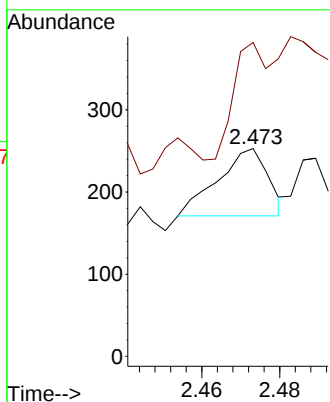
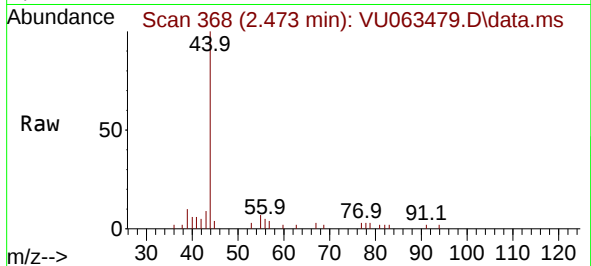




#13
Acrolein
Concen: 1.020 ug/l
RT: 2.473 min Scan# 30
Delta R.T. -0.007 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

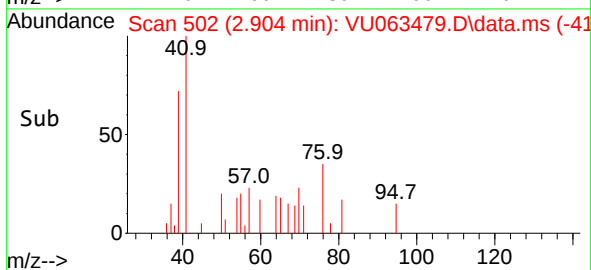
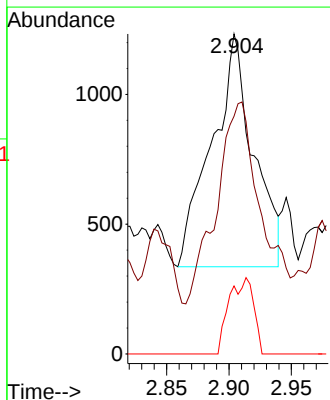
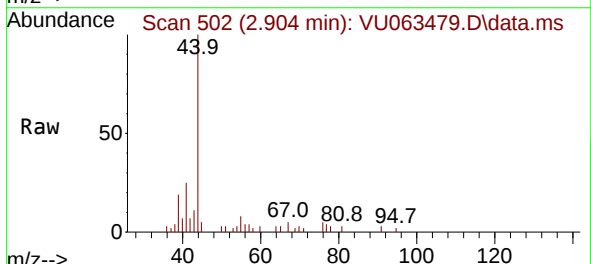
Instrument :
MSVOA_U
ClientSampleId :
MDL02

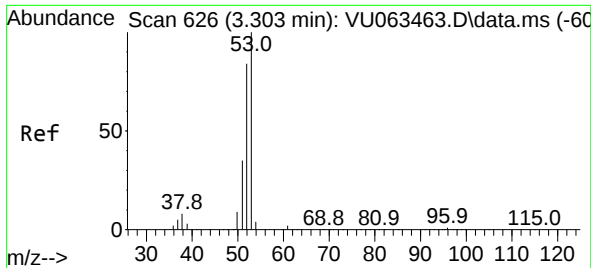
Tgt Ion: 56 Resp: 73
Ion Ratio Lower Upper
56 100
55 115.1 60.2 90.2#



#14
Allyl chloride
Concen: 0.774 ug/l
RT: 2.904 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 41 Resp: 2084
Ion Ratio Lower Upper
41 100
39 89.7 53.9 80.9#
76 19.3 23.1 34.7#

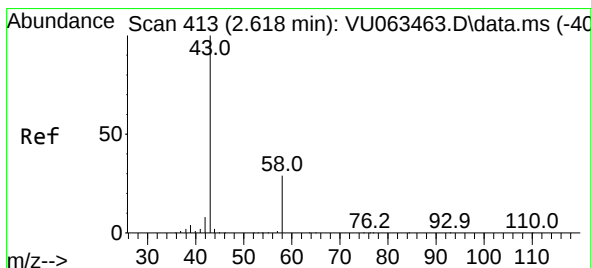
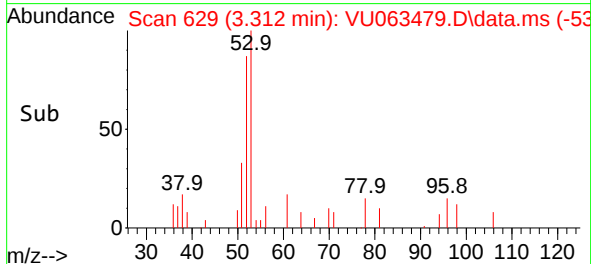
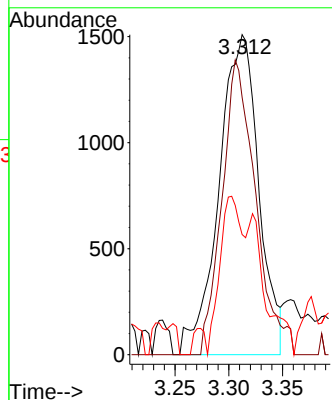
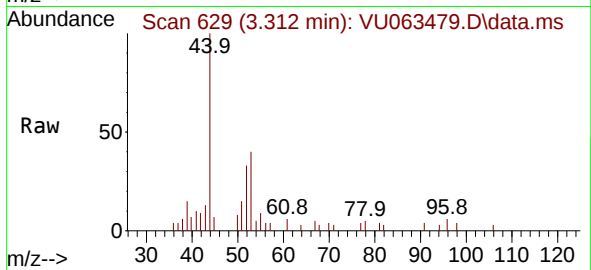




#15
Acrylonitrile
Concen: 3.571 ug/l
RT: 3.312 min Scan# 61
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

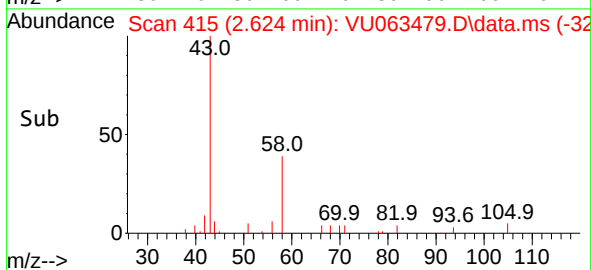
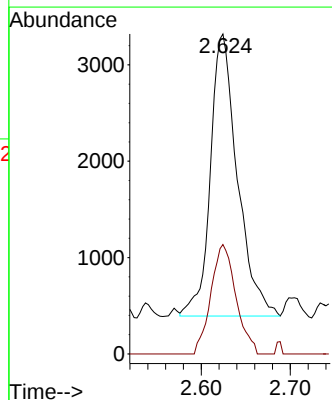
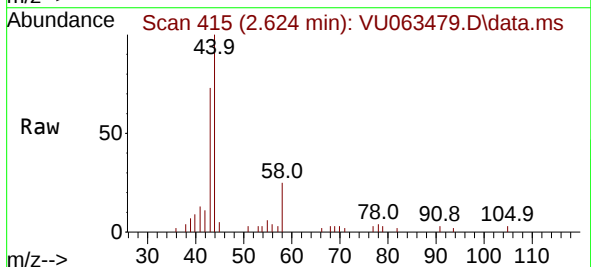
Instrument :
MSVOA_U
ClientSampleId :
MDL02

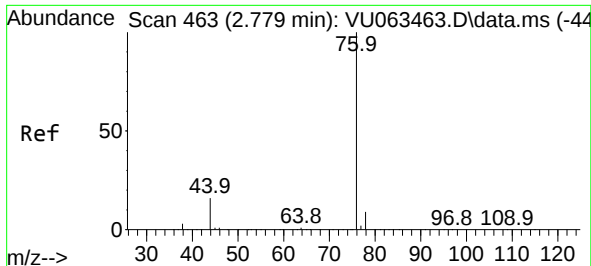
Tgt Ion: 53 Resp: 3879
Ion Ratio Lower Upper
53 100
52 78.0 65.0 97.4
51 28.8 28.8 43.2



#16
Acetone
Concen: 4.874 ug/l
RT: 2.624 min Scan# 415
Delta R.T. 0.006 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 43 Resp: 6184
Ion Ratio Lower Upper
43 100
58 38.8 23.1 34.7#

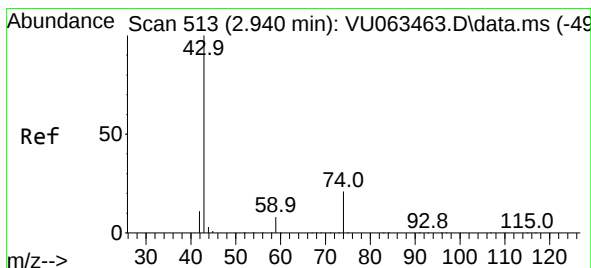
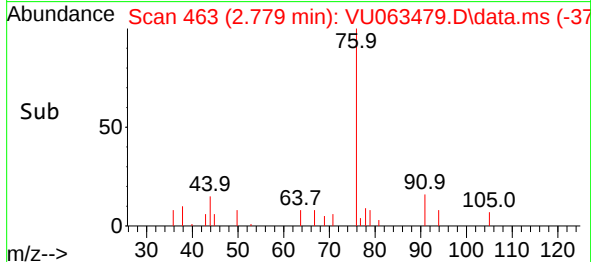
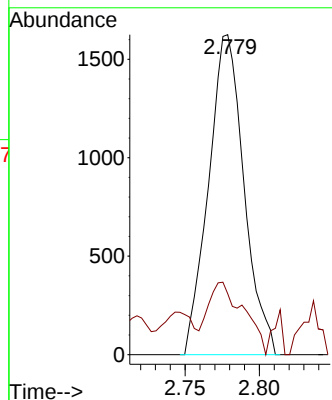
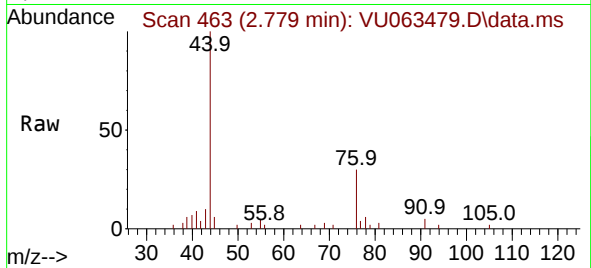




#17
Carbon Disulfide
Concen: 0.997 ug/l
RT: 2.779 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

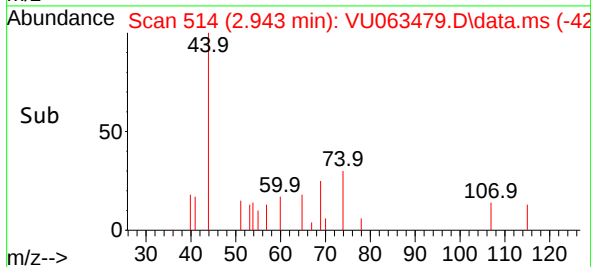
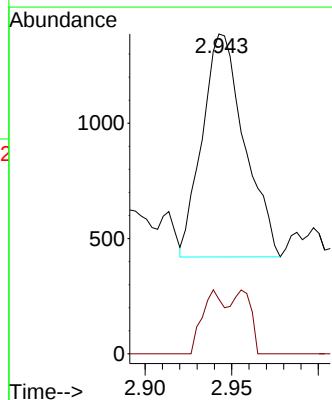
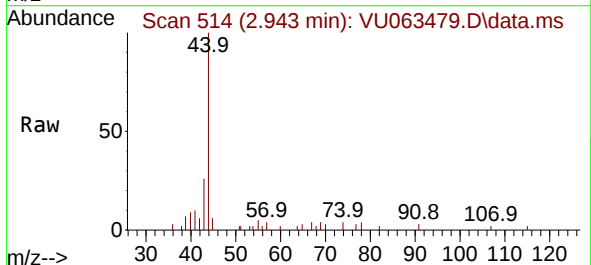
Instrument :
MSVOA_U
ClientSampleId :
MDL02

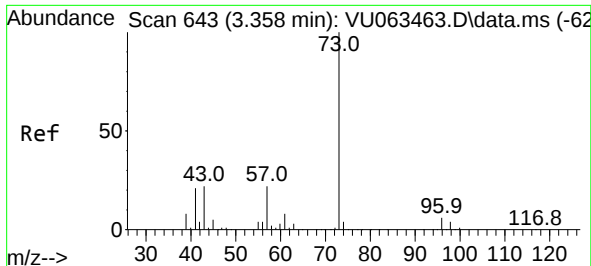
Tgt Ion: 76 Resp: 2697
Ion Ratio Lower Upper
76 100
78 5.8 7.5 11.3#



#18
Methyl Acetate
Concen: 0.502 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
74 14.4 17.3 25.9#

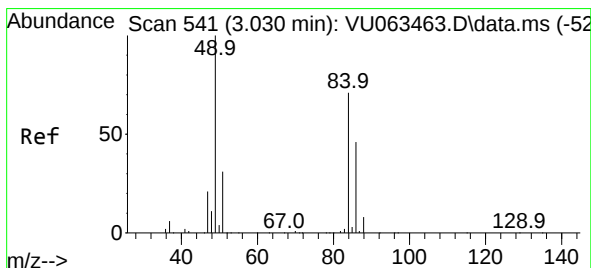
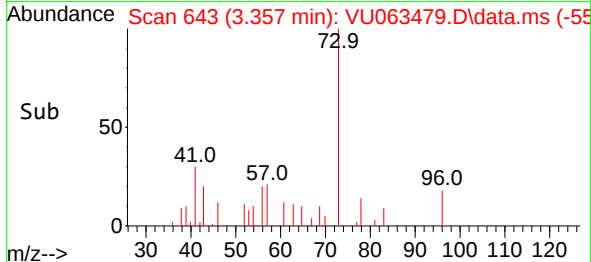
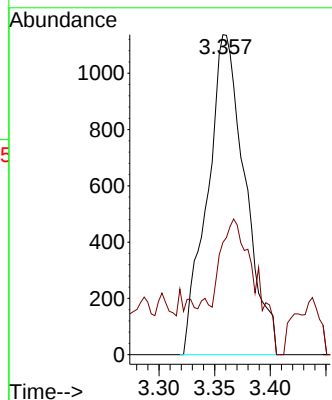
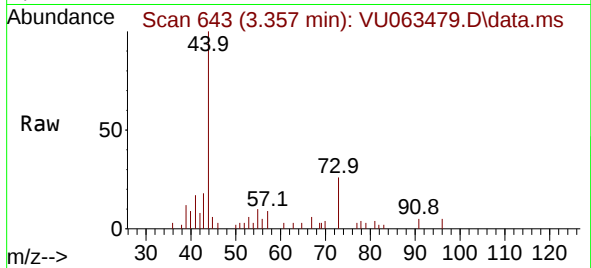




#19
Methyl tert-butyl Ether
Concen: 0.548 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.001 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

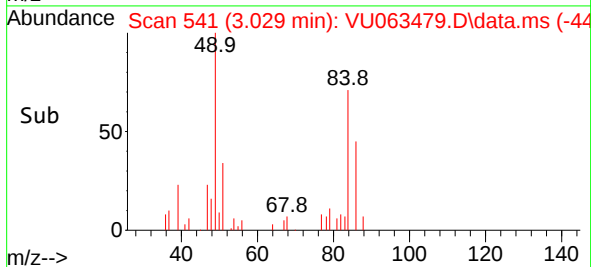
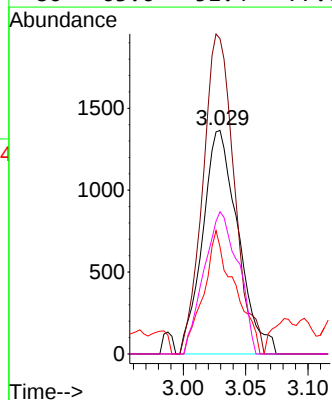
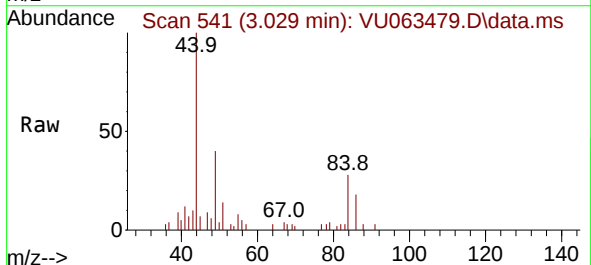
Instrument :
MSVOA_U
ClientSampleId :
MDL02

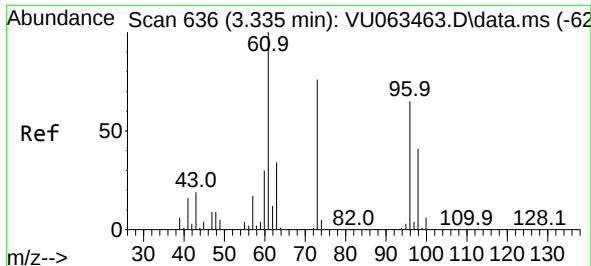
Tgt Ion: 73 Resp: 2674
Ion Ratio Lower Upper
73 100
57 35.1 17.8 26.6#



#20
Methylene Chloride
Concen: 1.461 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.001 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 84 Resp: 2703
Ion Ratio Lower Upper
84 100
49 141.0 112.1 168.1
51 47.8 34.4 51.6
86 63.6 51.4 77.0

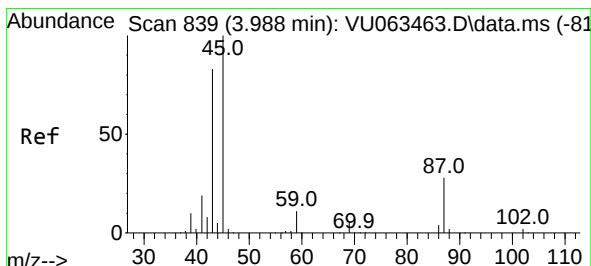
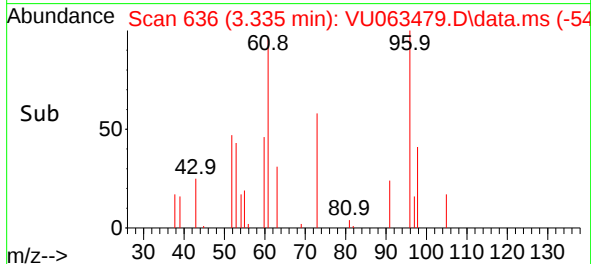
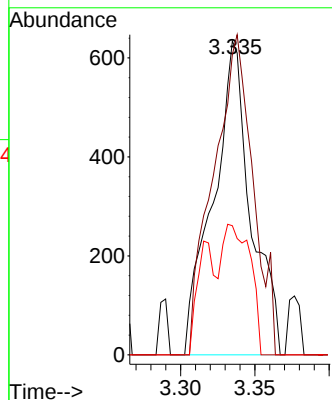
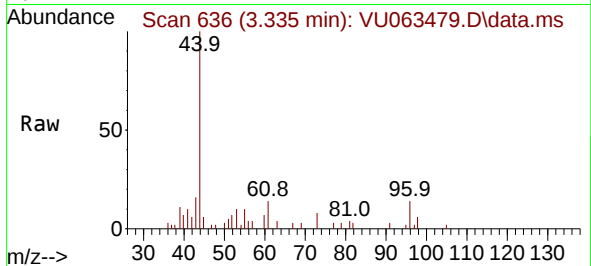




#21
trans-1,2-Dichloroethene
Concen: 0.921 ug/l
RT: 3.335 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

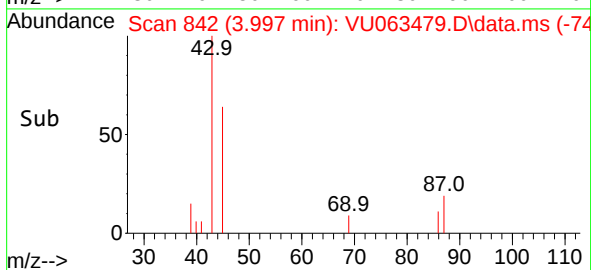
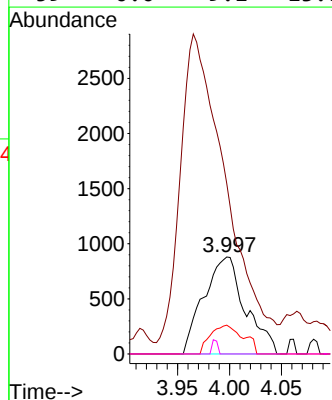
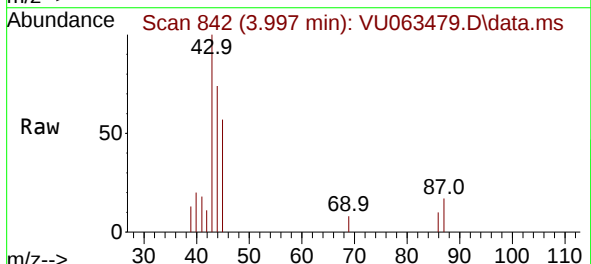
Instrument :
MSVOA_U
ClientSampleId :
MDL02

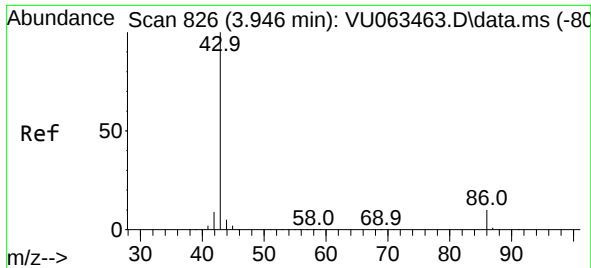
Tgt Ion: 96 Resp: 1119
Ion Ratio Lower Upper
96 100
61 95.7 122.2 183.4#
98 41.2 49.9 74.9#



#22
Diisopropyl ether
Concen: 0.535 ug/l
RT: 3.997 min Scan# 842
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 45 Resp: 2451
Ion Ratio Lower Upper
45 100
43 145.5 66.5 99.7#
87 29.7 22.6 33.8
59 0.0 9.1 13.7#

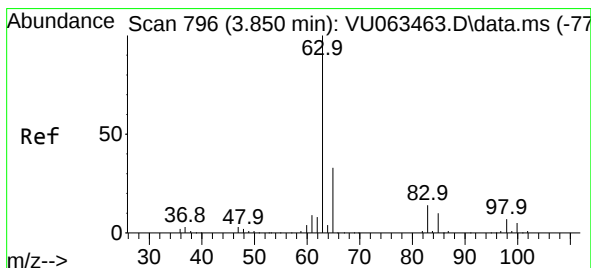
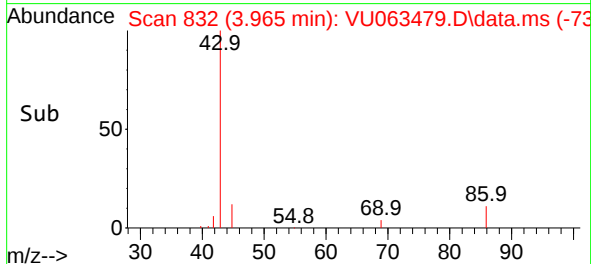
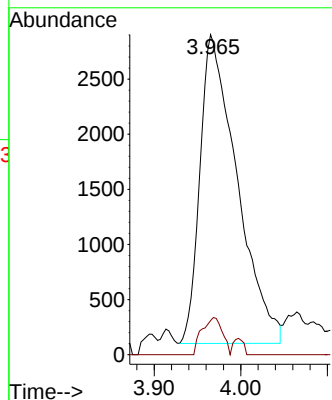
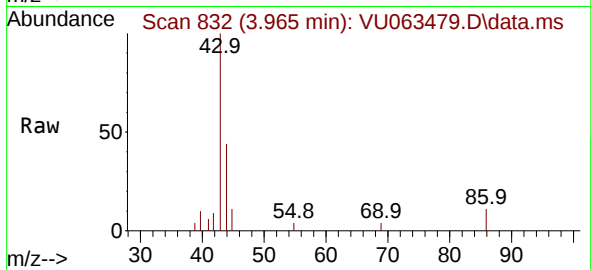




#23
 Vinyl Acetate
 Concen: 2.333 ug/l
 RT: 3.965 min Scan# 81
 Delta R.T. 0.019 min
 Lab File: VU063479.D
 Acq: 10 Jul 2025 14:37

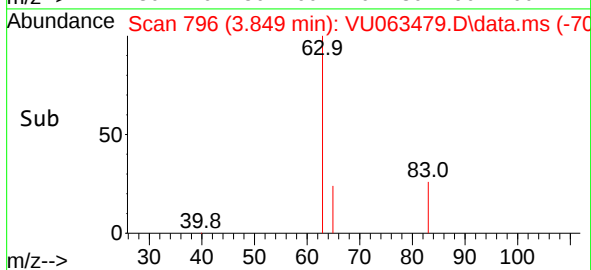
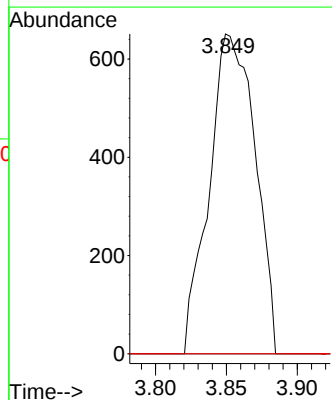
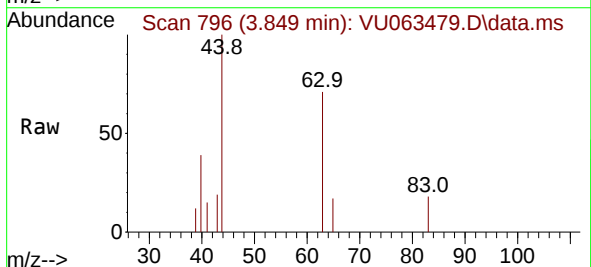
Instrument :
 MSVOA_U
 ClientSampleId :
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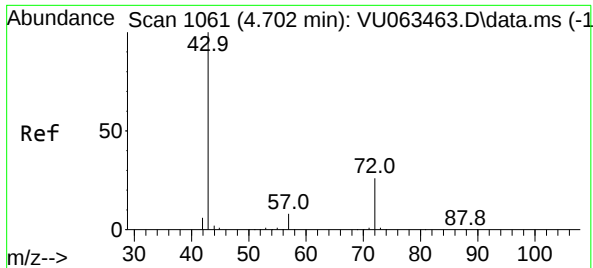
Tgt Ion: 43 Resp: 8300
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 0.565 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063479.D
 Acq: 10 Jul 2025 14:37

Tgt Ion: 63 Resp: 1469
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 0.156 ug/l

RT: 4.679 min Scan# 1054

Delta R.T. -0.023 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

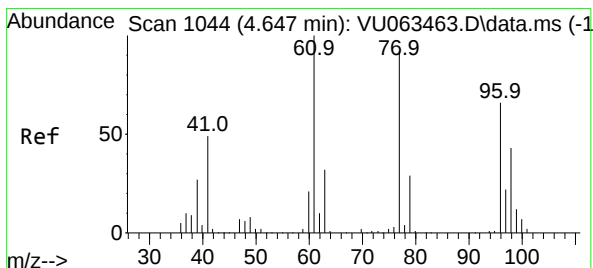
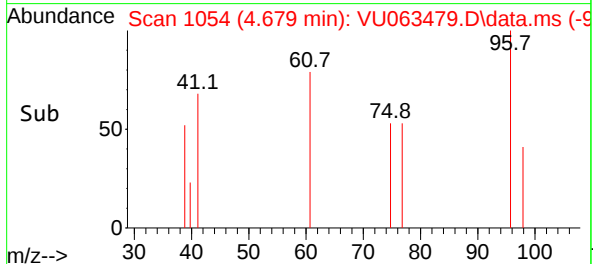
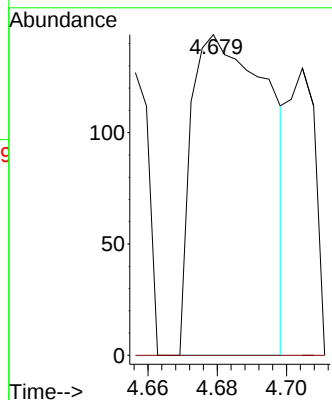
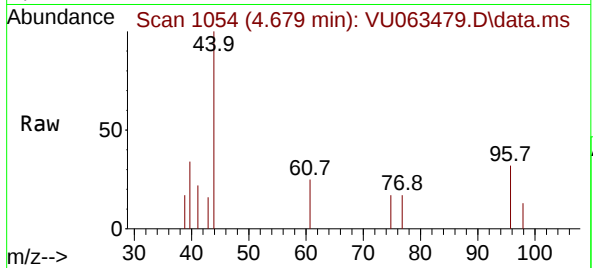
MDL02

Tgt Ion: 43 Resp: 222

Ion Ratio Lower Upper

43 100

72 0.0 20.7 31.1#



#26

2,2-Dichloropropane

Concen: 0.535 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063479.D

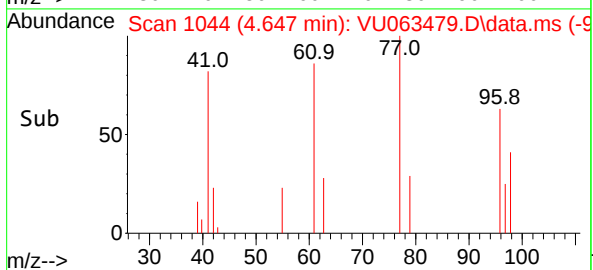
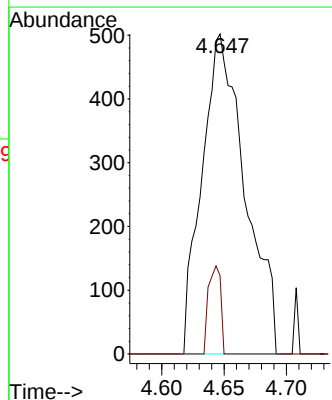
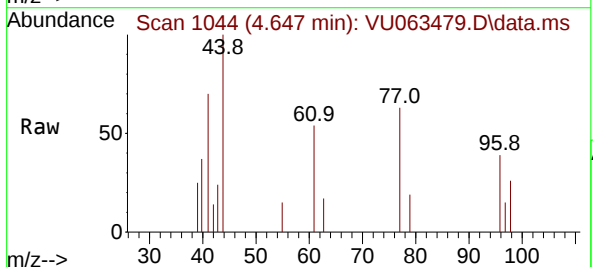
Acq: 10 Jul 2025 14:37

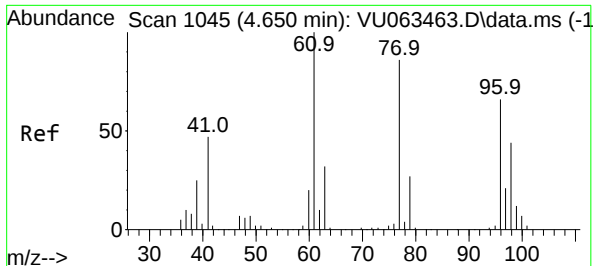
Tgt Ion: 77 Resp: 1212

Ion Ratio Lower Upper

77 100

97 7.8 11.8 35.3#





#27

cis-1,2-Dichloroethene

Concen: 0.212 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02

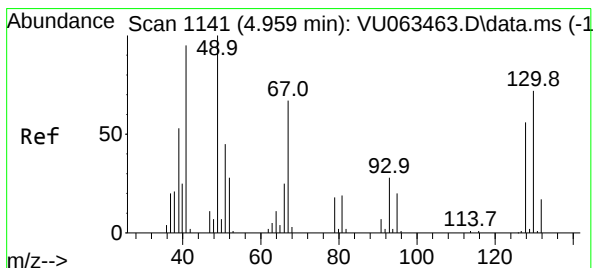
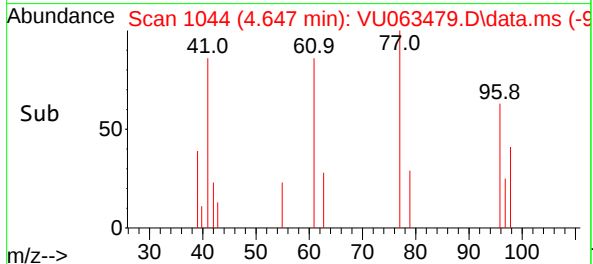
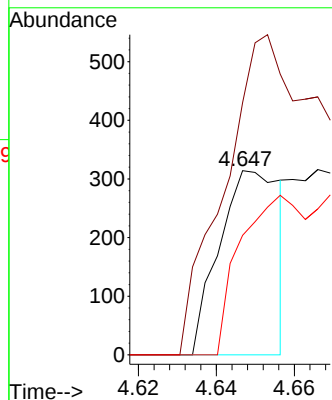
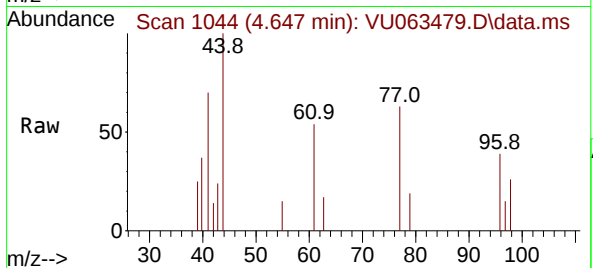
Tgt Ion: 96 Resp: 340

Ion Ratio Lower Upper

96 100

61 363.5 0.0 307.2#

98 90.6 0.0 133.0



#28

Bromochloromethane

Concen: 0.526 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.009 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

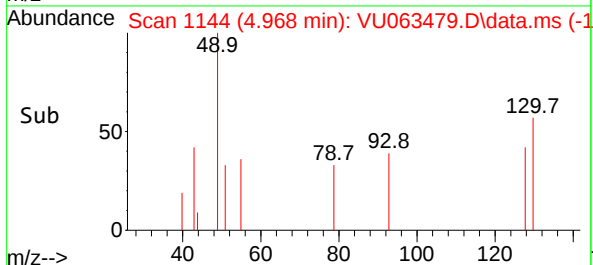
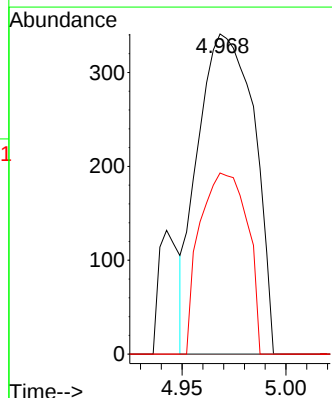
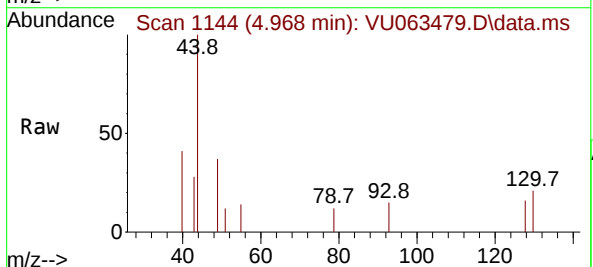
Tgt Ion: 49 Resp: 643

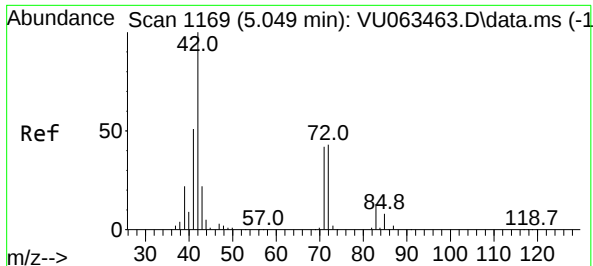
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 47.7 59.0 88.4#

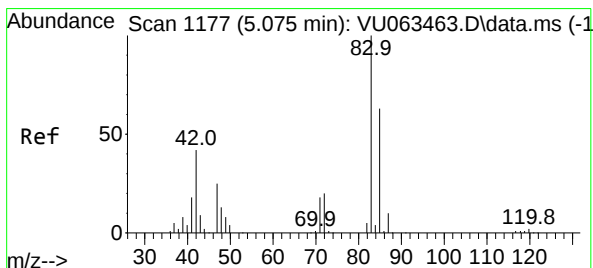
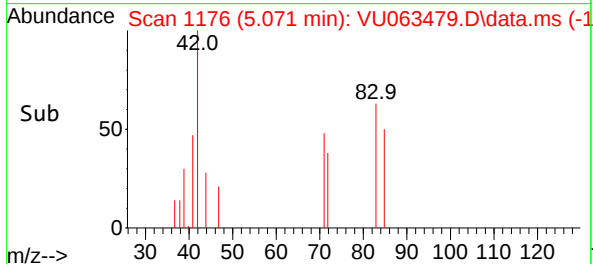
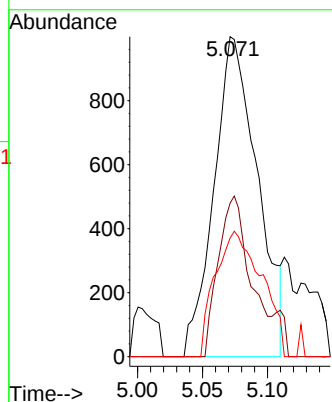
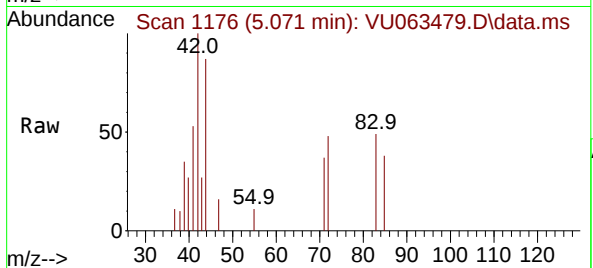




#29
Tetrahydrofuran
Concen: 2.585 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.022 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

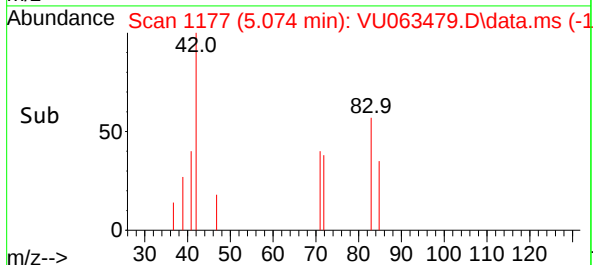
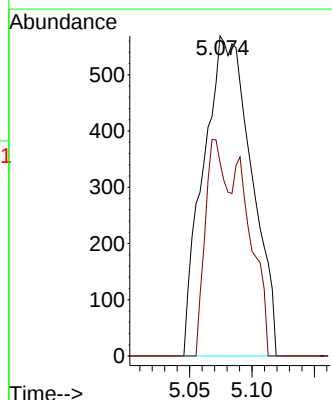
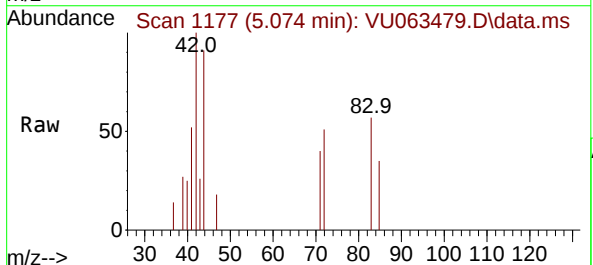
Instrument :
MSVOA_U
ClientSampleId :
MDL02

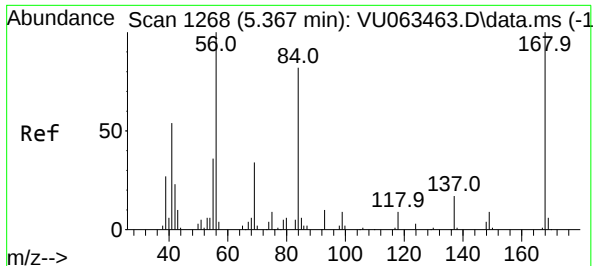
Tgt Ion:	42	Resp:	2323
Ion	Ratio	Lower	Upper
42	100		
72	37.7	36.2	54.4
71	41.9	33.3	49.9



#30
Chloroform
Concen: 0.555 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

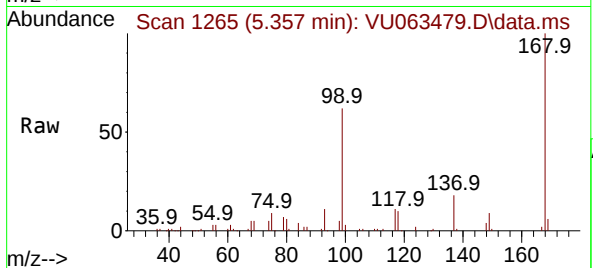
Tgt Ion:	83	Resp:	1524
Ion	Ratio	Lower	Upper
83	100		
85	60.5	50.7	76.1



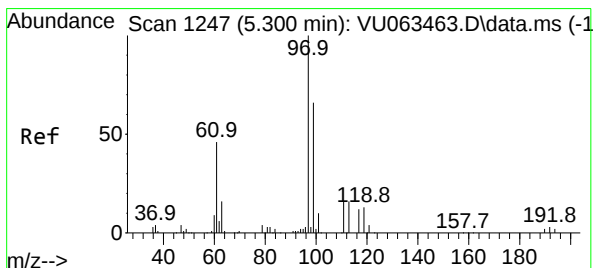
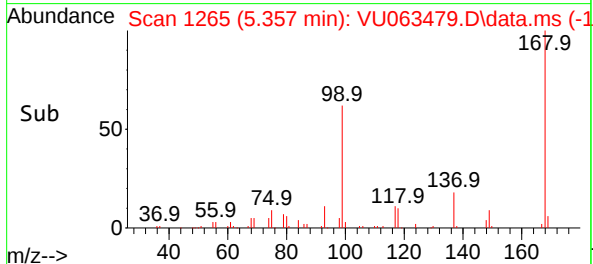
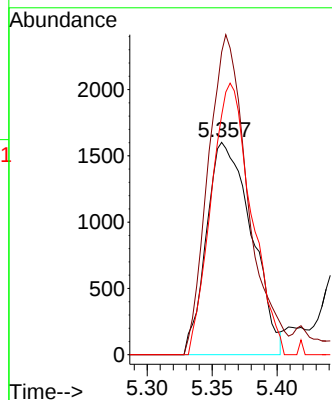


#31
Cyclohexane
Concen: 1.847 ug/l
RT: 5.357 min Scan# 1268
Delta R.T. -0.010 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL02

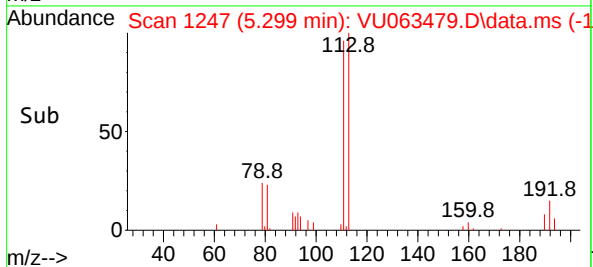
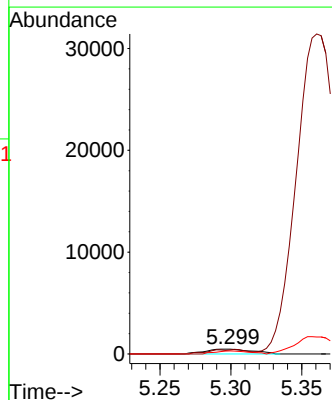
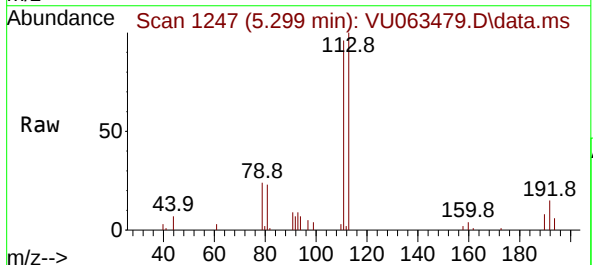


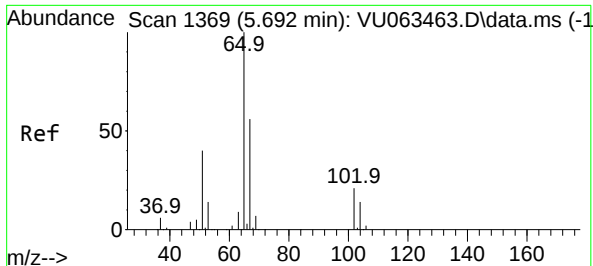
Tgt Ion: 56 Resp: 3862
Ion Ratio Lower Upper
56 100
69 142.5 27.0 40.4#
84 112.7 65.7 98.5#



#32
1,1,1-Trichloroethane
Concen: 0.472 ug/l
RT: 5.299 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 97 Resp: 1104
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 44.7 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 48.516 ug/l

RT: 5.692 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

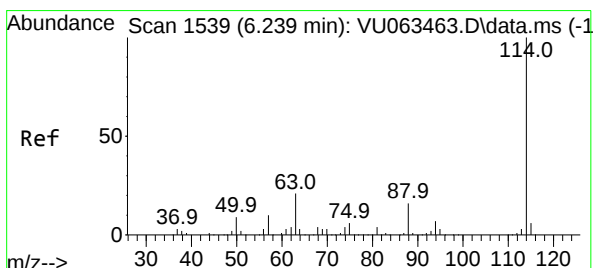
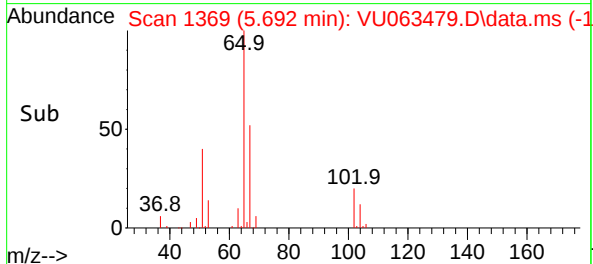
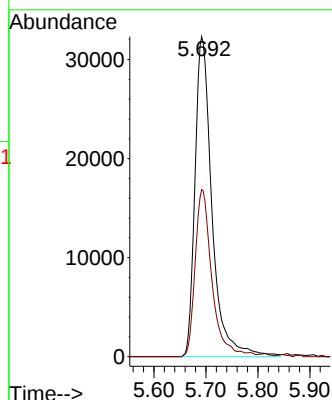
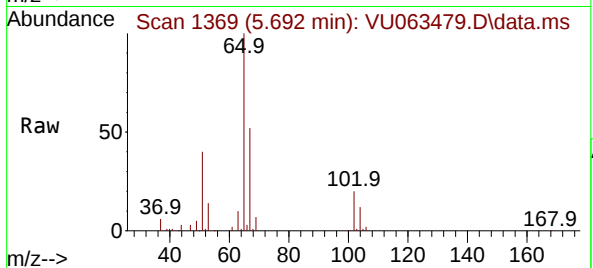
MDL02

Tgt Ion: 65 Resp: 73384

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

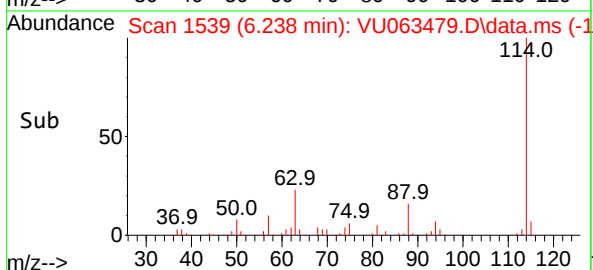
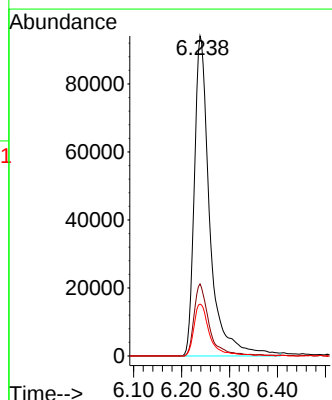
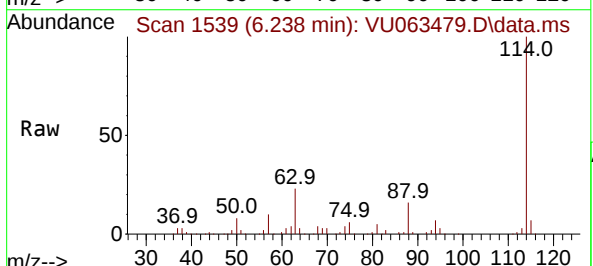
Tgt Ion: 114 Resp: 210515

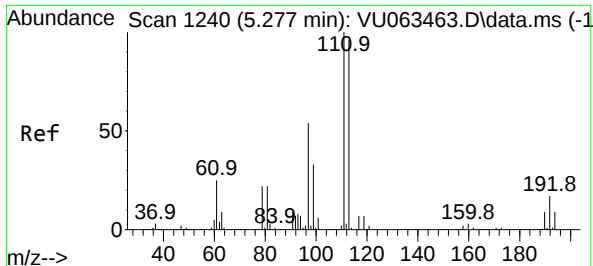
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.6

88 16.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.124 ug/l

RT: 5.280 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02

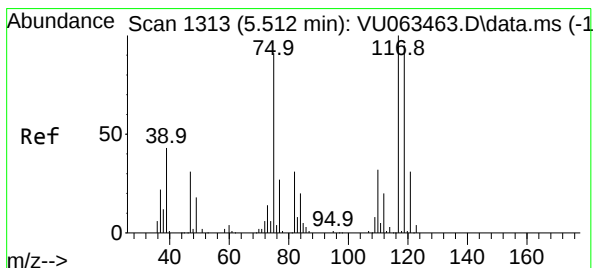
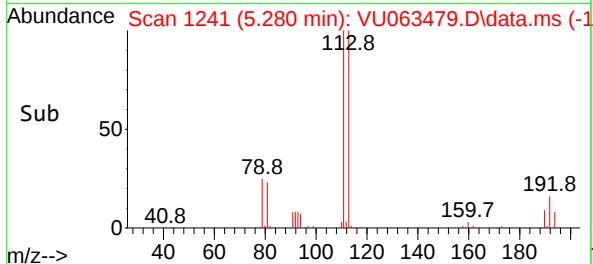
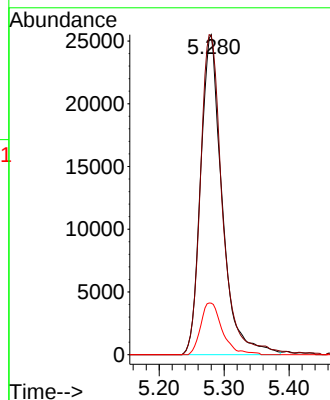
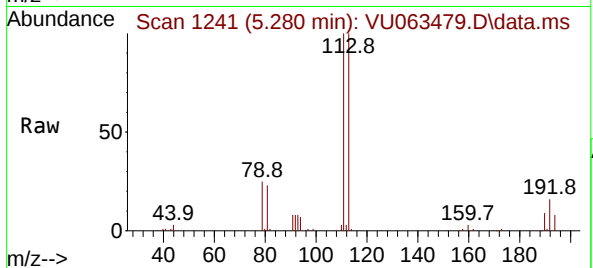
Tgt Ion:113 Resp: 58529

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 16.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 0.430 ug/l

RT: 5.524 min Scan# 1317

Delta R.T. 0.013 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

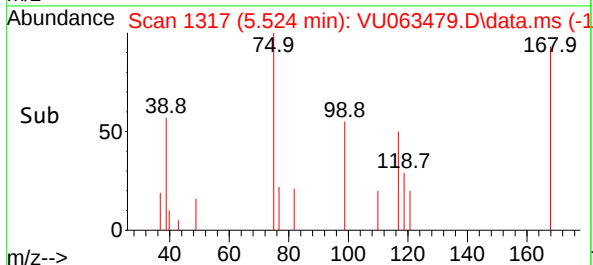
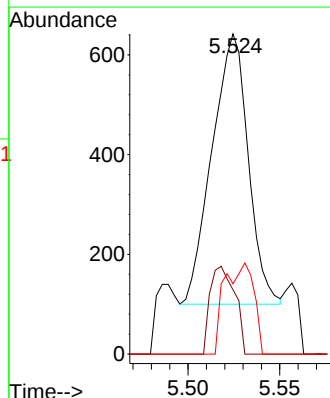
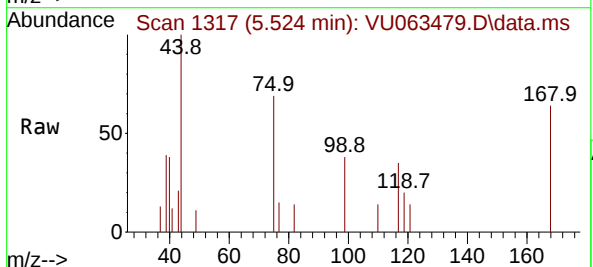
Tgt Ion: 75 Resp: 742

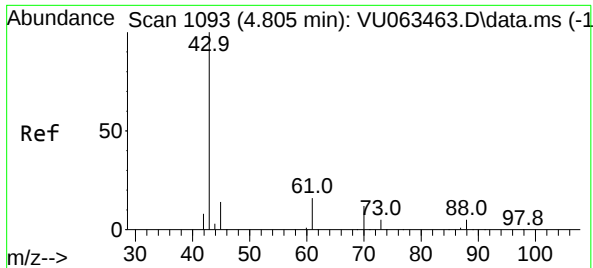
Ion Ratio Lower Upper

75 100

110 22.1 17.3 52.0

77 27.2 23.9 35.9





#37

Ethyl Acetate

Concen: 0.506 ug/l

RT: 4.746 min Scan# 1075

Delta R.T. -0.058 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

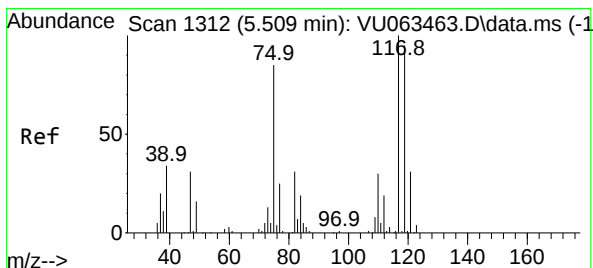
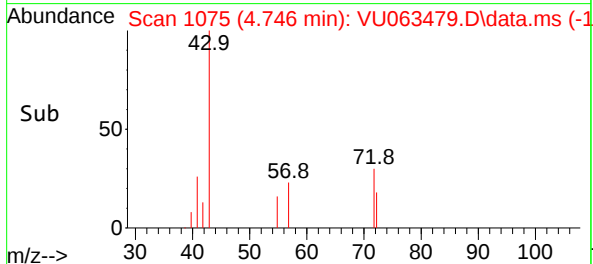
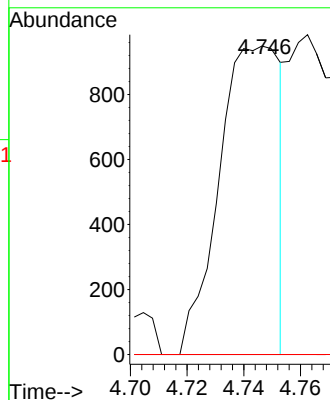
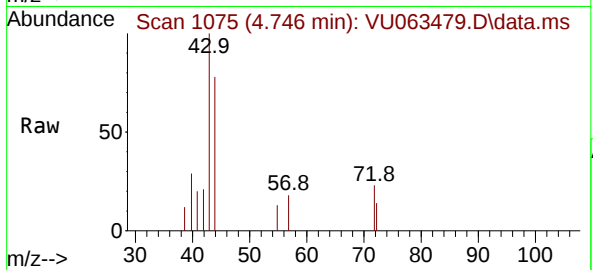
Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion:	43	Resp:	1414
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 0.618 ug/l

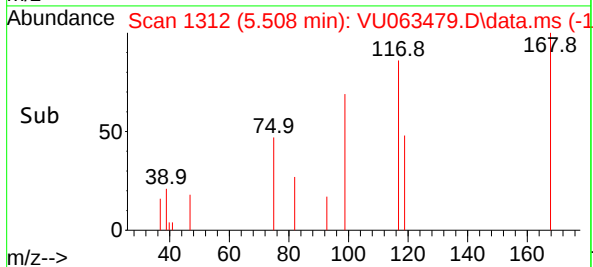
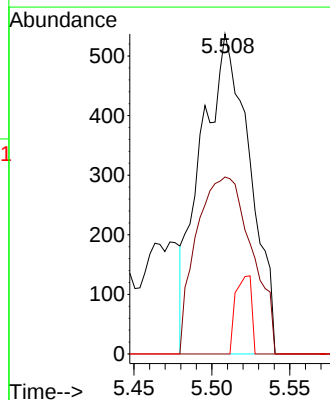
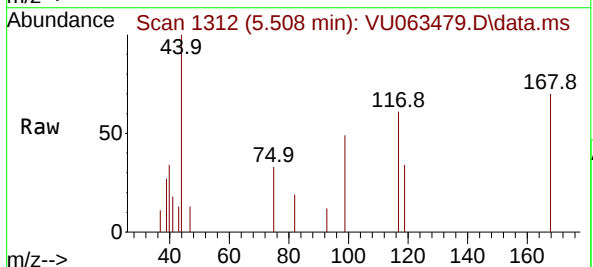
RT: 5.508 min Scan# 1312

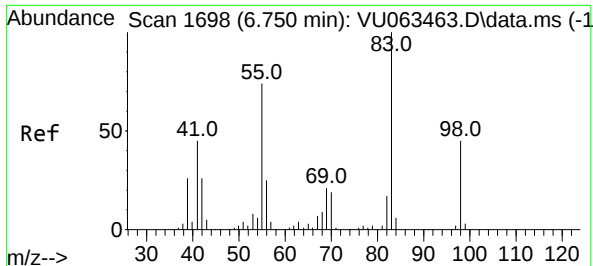
Delta R.T. -0.000 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Tgt Ion:	117	Resp:	1175
Ion	Ratio	Lower	Upper
117	100		
119	55.3	76.1	114.1#
121	0.0	25.0	37.4#





#39

Methylcyclohexane

Concen: 0.637 ug/l

RT: 6.750 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02

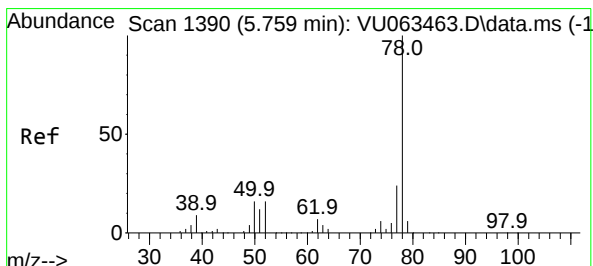
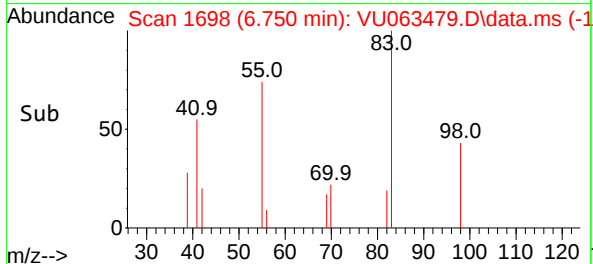
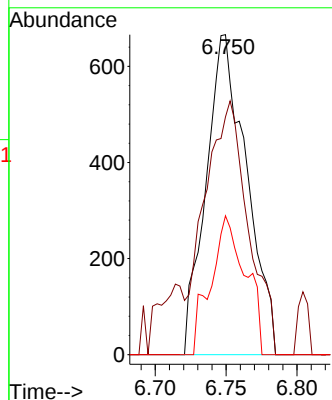
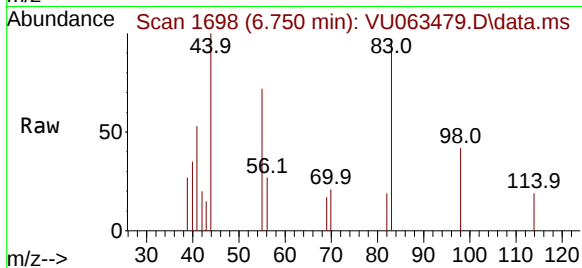
Tgt Ion: 83 Resp: 1327

Ion Ratio Lower Upper

83 100

55 74.3 59.4 89.2

98 43.4 36.2 54.4



#40

Benzene

Concen: 0.260 ug/l

RT: 5.766 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VU063479.D

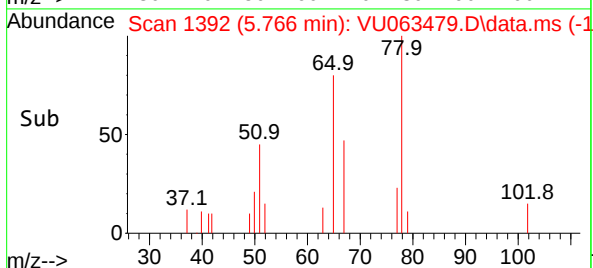
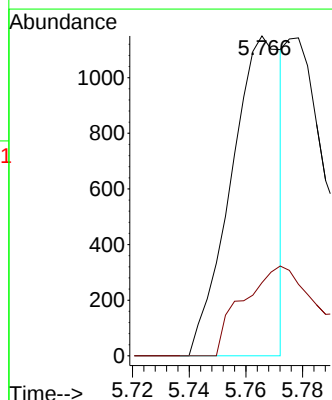
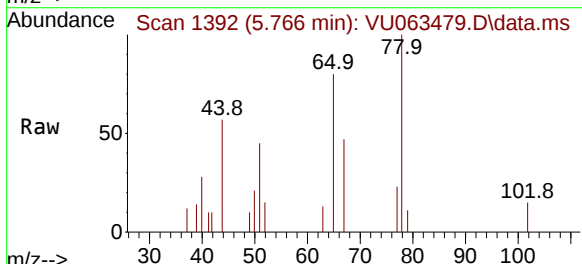
Acq: 10 Jul 2025 14:37

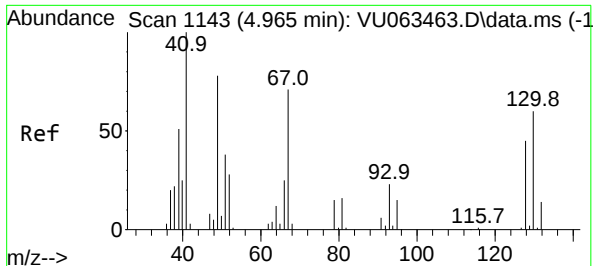
Tgt Ion: 78 Resp: 1400

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.4

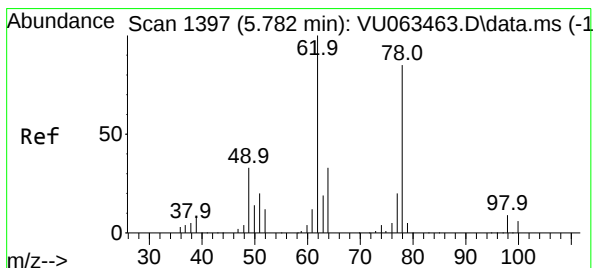
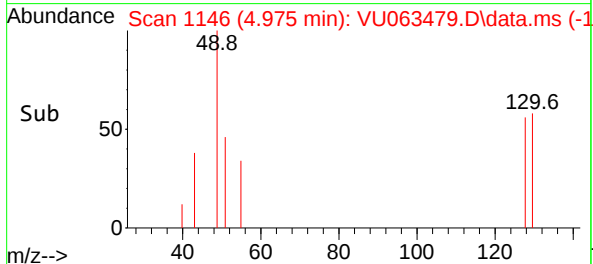
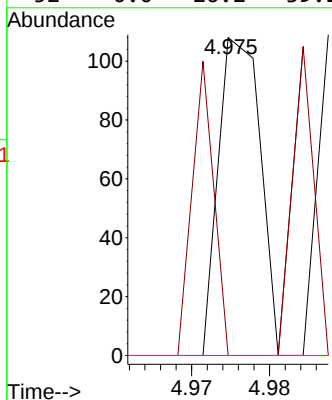
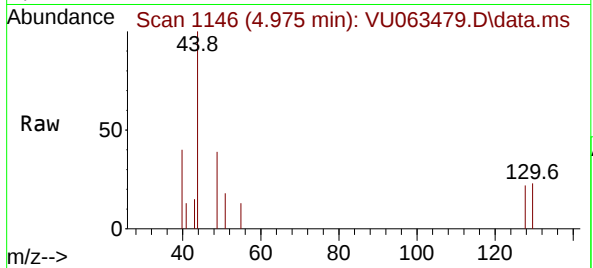




#41
Methacrylonitrile
Concen: 0.030 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

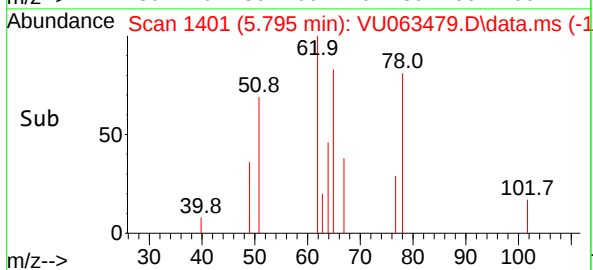
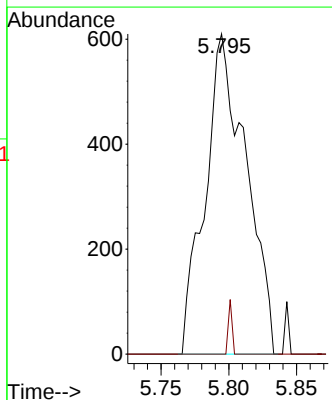
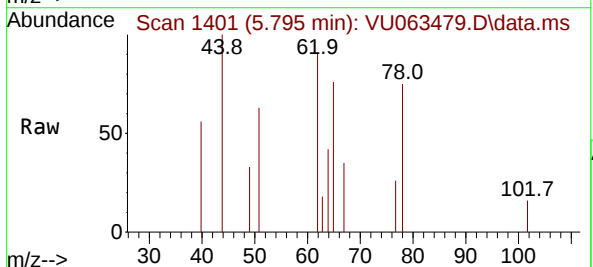
Instrument :
MSVOA_U
ClientSampleId :
MDL02

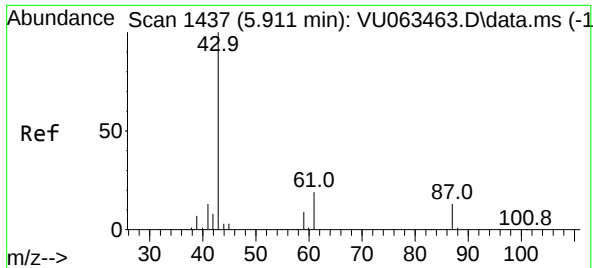
Tgt Ion: 41	Resp: 40
Ion Ratio	Lower Upper
41 100	
39 47.5	43.6 65.4
67 0.0	62.8 94.2#
52 0.0	26.2 39.2#



#42
1,2-Dichloroethane
Concen: 0.633 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 62	Resp:	1282	
Ion Ratio	Lower	Upper	
62 100			
98 1.6	0.0	17.6	

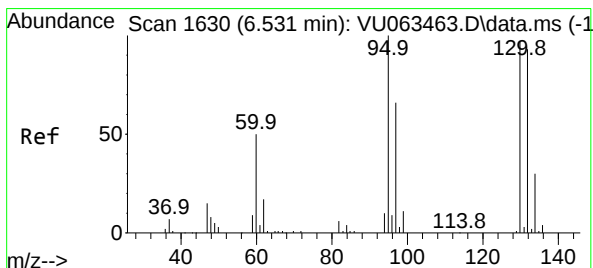
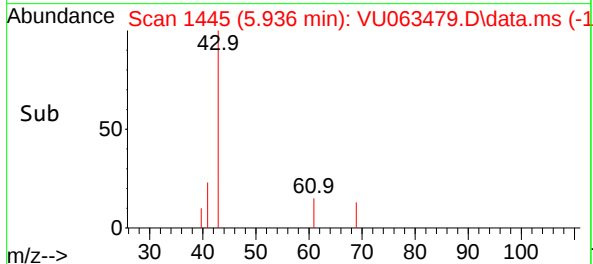
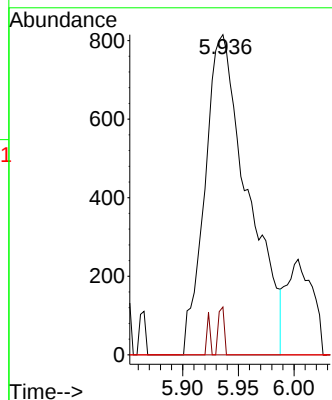
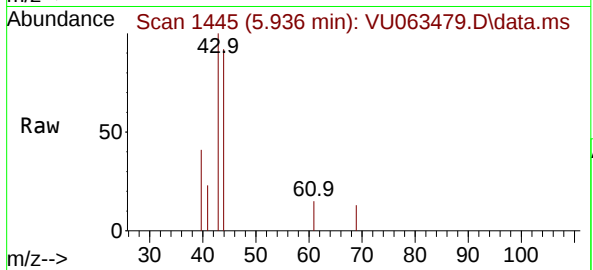




#43
Isopropyl Acetate
Concen: 0.591 ug/l
RT: 5.936 min Scan# 1437
Delta R.T. 0.025 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

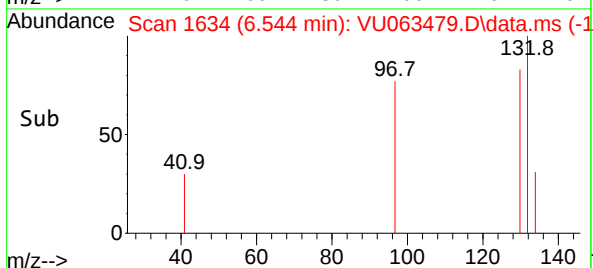
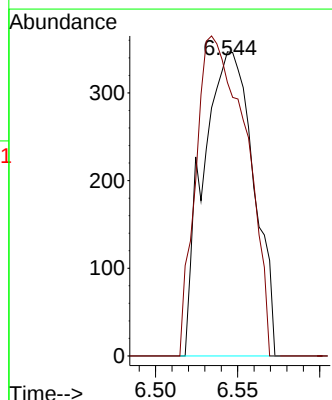
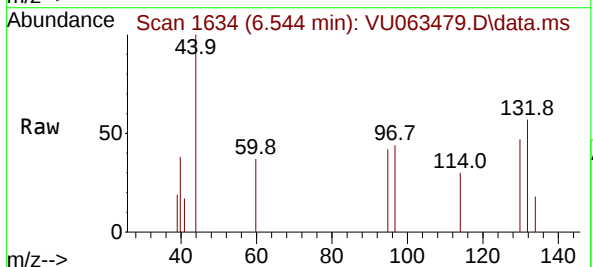
Instrument :
MSVOA_U
ClientSampleId :
MDL02

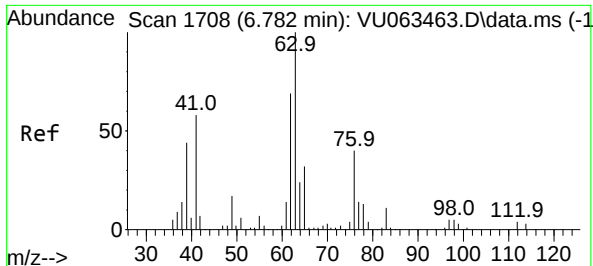
Tgt Ion: 43 Resp: 2191
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.2#
87 0.0 10.5 15.7#



#44
Trichloroethene
Concen: 0.513 ug/l
RT: 6.544 min Scan# 1634
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 130 Resp: 739
Ion Ratio Lower Upper
130 100
95 89.9 0.0 206.4





#45

1,2-Dichloropropane

Concen: 0.298 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

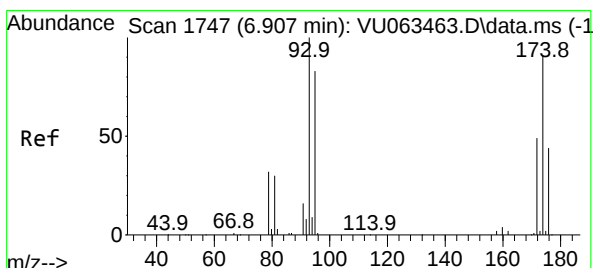
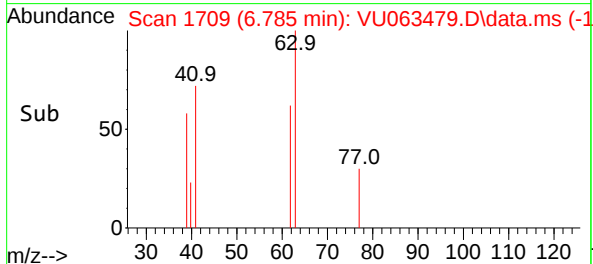
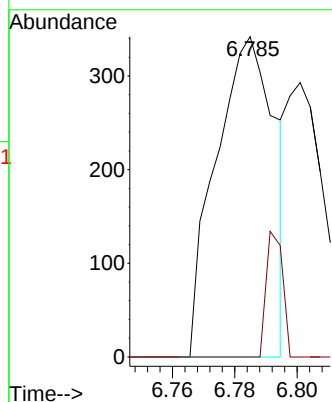
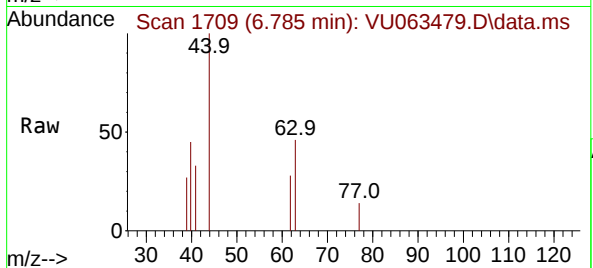
MDL02

Tgt Ion: 63 Resp: 446

Ion Ratio Lower Upper

63 100

65 0.0 25.3 37.9#



#46

Dibromomethane

Concen: 0.497 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.000 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

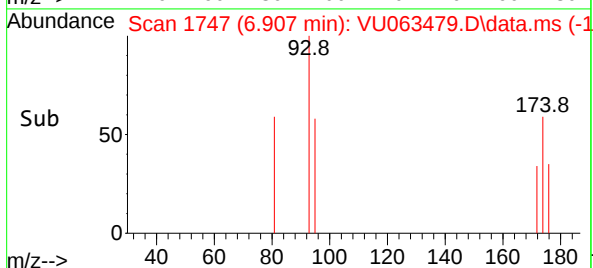
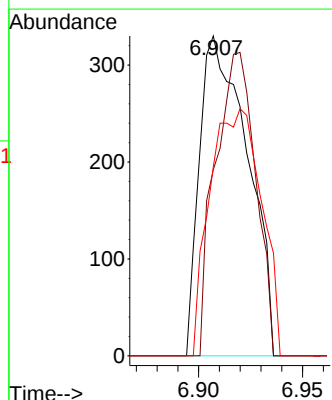
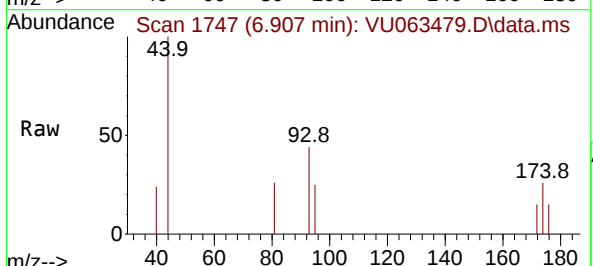
Tgt Ion: 93 Resp: 529

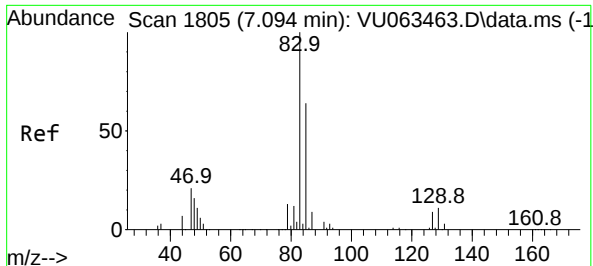
Ion Ratio Lower Upper

93 100

95 79.4 67.5 101.3

174 83.0 73.1 109.7





#47

Bromodichloromethane

Concen: 0.517 ug/l

RT: 7.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02

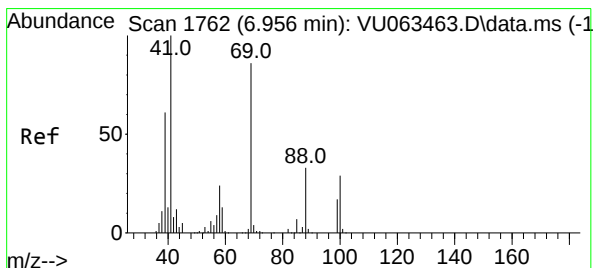
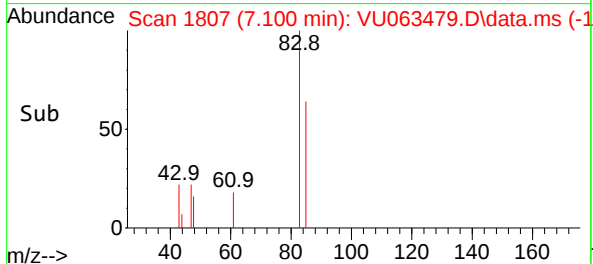
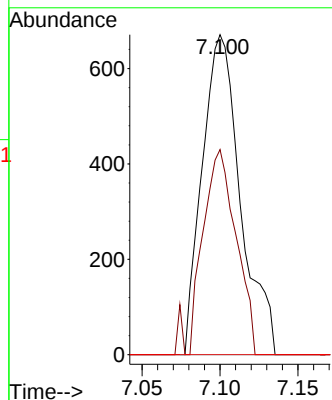
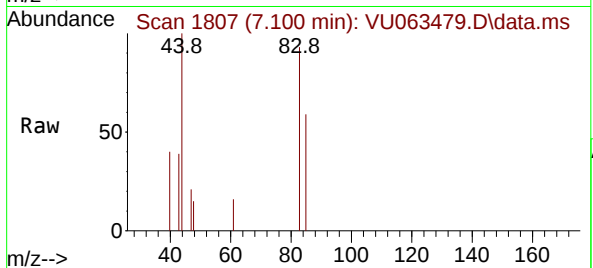
Tgt Ion: 83 Resp: 1144

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.0

127 0.0 7.0 10.4#



#48

Methyl methacrylate

Concen: 0.081 ug/l

RT: 6.926 min Scan# 1753

Delta R.T. -0.029 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

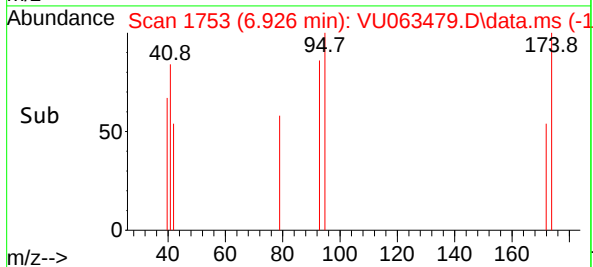
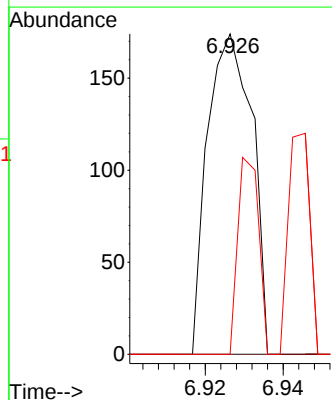
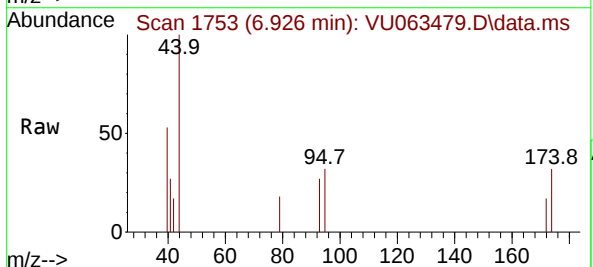
Tgt Ion: 41 Resp: 138

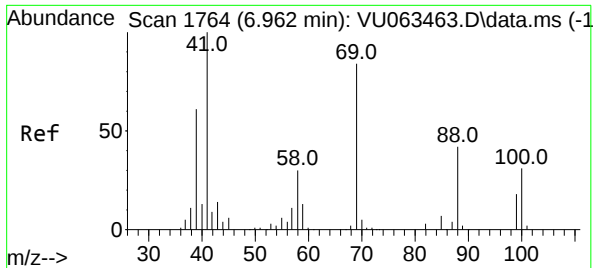
Ion Ratio Lower Upper

41 100

69 0.0 69.8 104.8#

39 29.0 48.3 72.5#





#49

1,4-Dioxane

Concen: 6.832 ug/l

RT: 6.981 min Scan# 1

Delta R.T. 0.019 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02

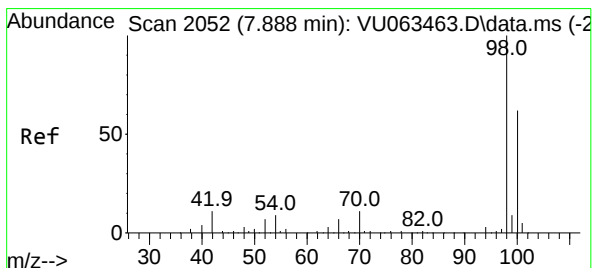
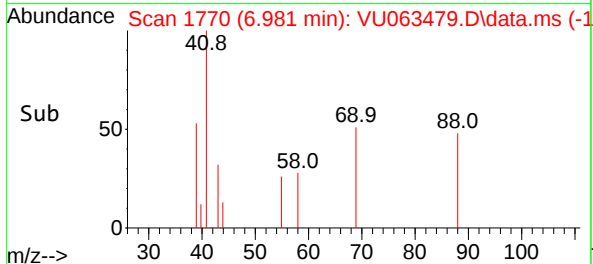
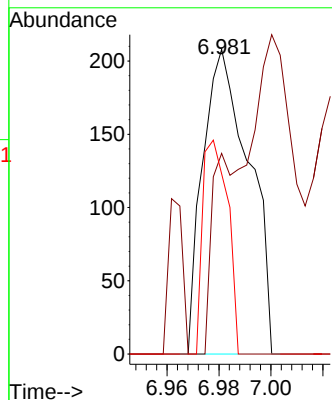
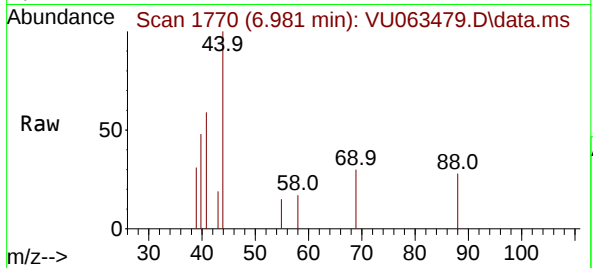
Tgt Ion: 88 Resp: 257

Ion Ratio Lower Upper

88 100

43 28.4 25.6 38.4

58 38.1 55.0 82.6#



#50

Toluene-d8

Concen: 44.483 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VU063479.D

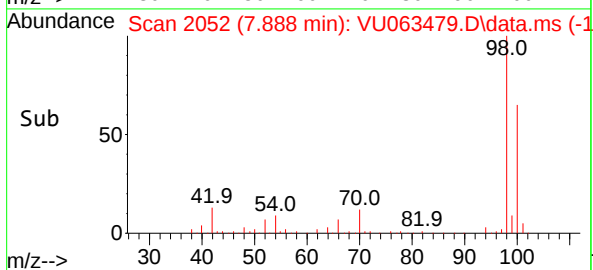
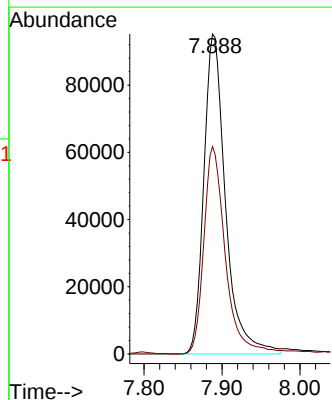
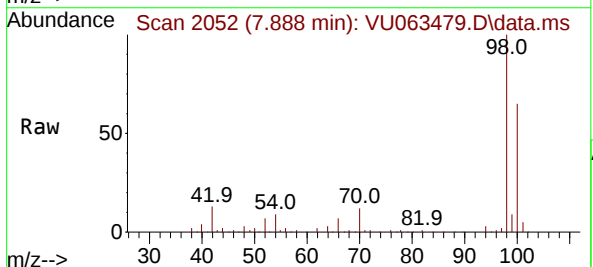
Acq: 10 Jul 2025 14:37

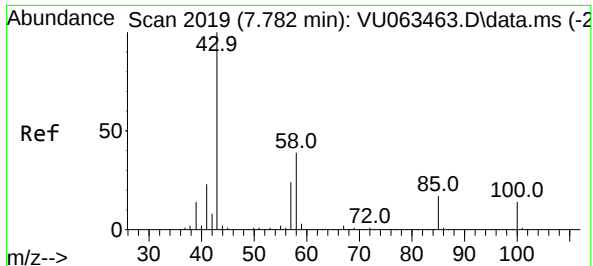
Tgt Ion: 98 Resp: 183997

Ion Ratio Lower Upper

98 100

100 65.4 48.1 72.1

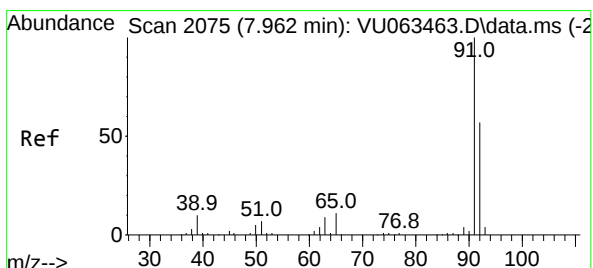
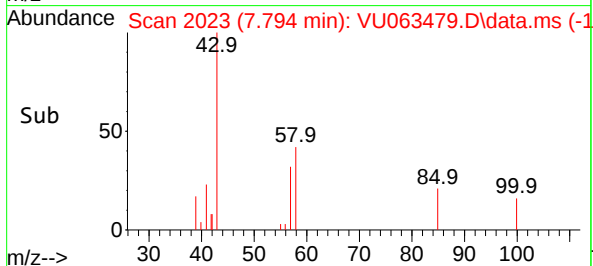
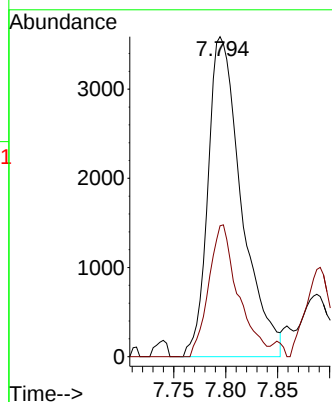
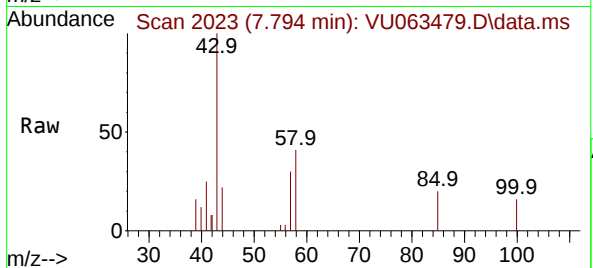




#51
4-Methyl-2-Pentanone
Concen: 3.008 ug/l
RT: 7.794 min Scan# 2019
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

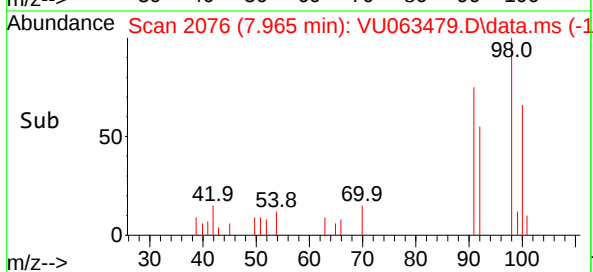
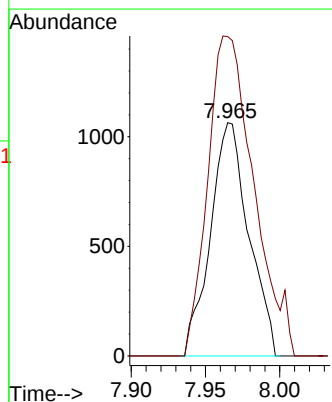
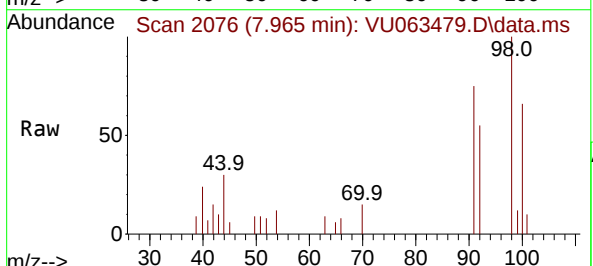
Instrument :
MSVOA_U
ClientSampleId :
MDL02

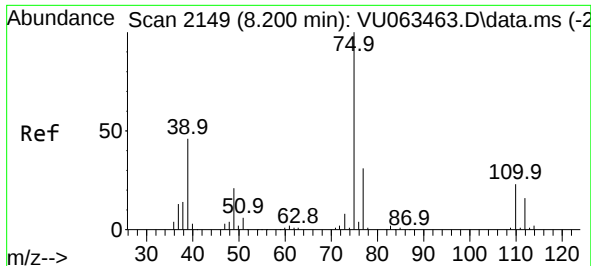
Tgt Ion: 43 Resp: 8074
Ion Ratio Lower Upper
43 100
58 36.2 31.0 46.4



#52
Toluene
Concen: 0.543 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 92 Resp: 1911
Ion Ratio Lower Upper
92 100
91 164.7 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 0.385 ug/l

RT: 8.216 min Scan# 2149

Delta R.T. 0.016 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

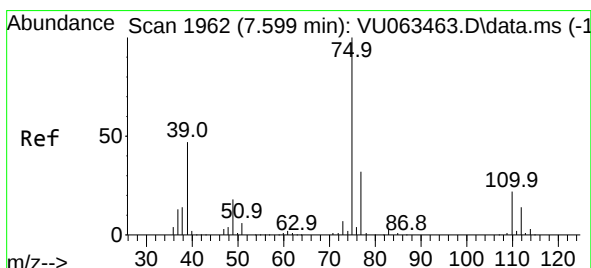
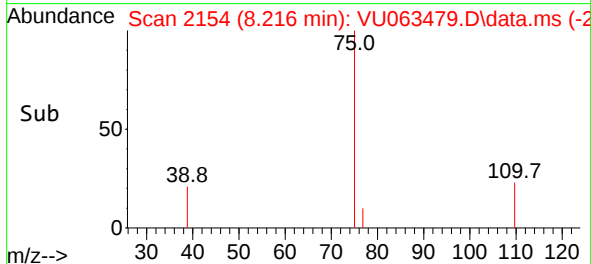
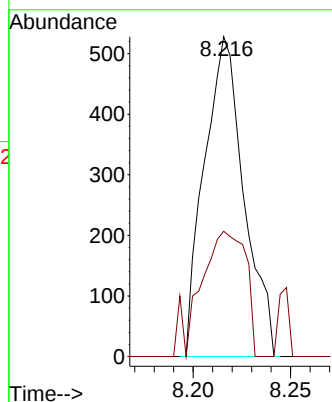
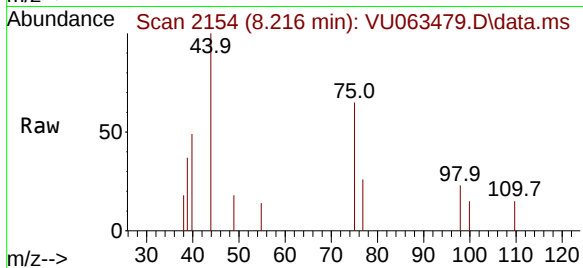
MDL02

Tgt Ion: 75 Resp: 746

Ion Ratio Lower Upper

75 100

77 20.3 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 0.459 ug/l

RT: 7.611 min Scan# 1966

Delta R.T. 0.013 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

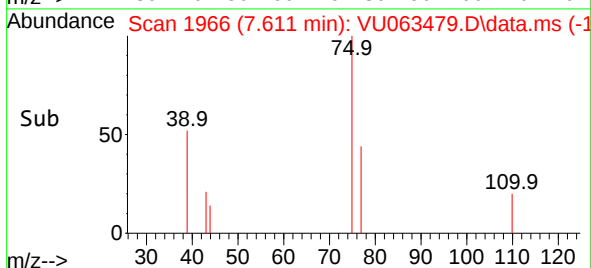
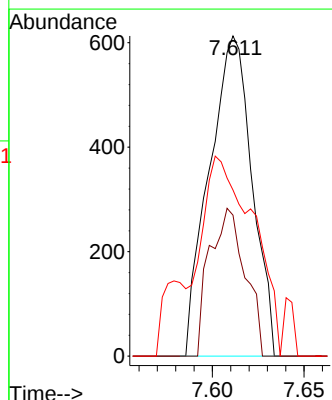
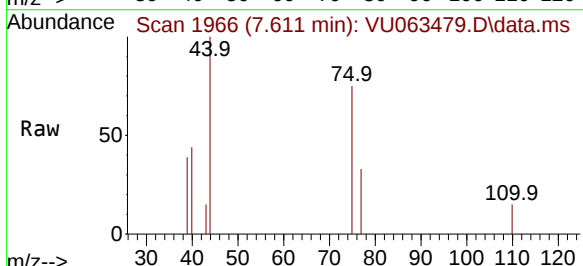
Tgt Ion: 75 Resp: 996

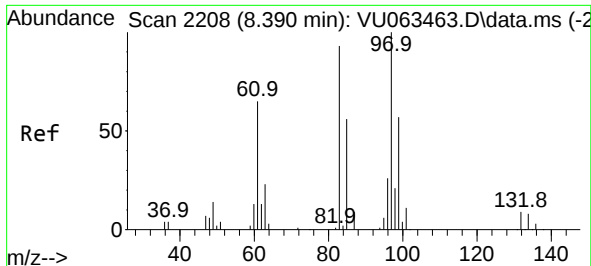
Ion Ratio Lower Upper

75 100

77 44.0 25.4 38.0#

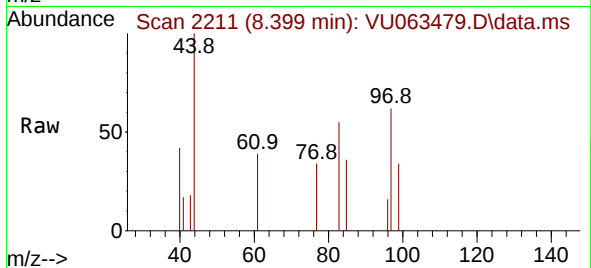
39 51.9 37.2 55.8



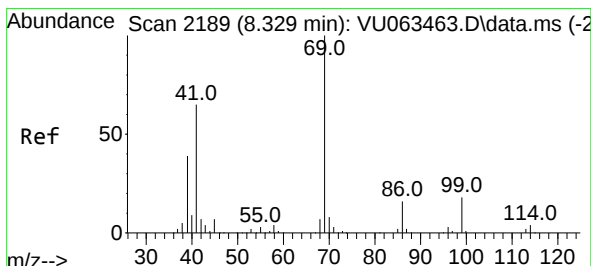
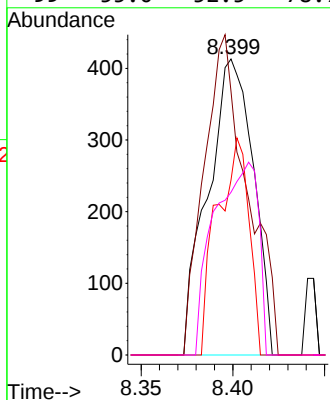
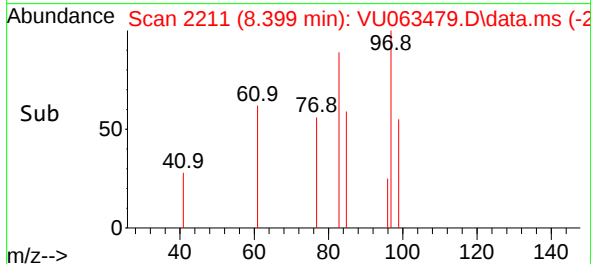


#55
1,1,2-Trichloroethane
Concen: 0.476 ug/l
RT: 8.399 min Scan# 2111
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL02

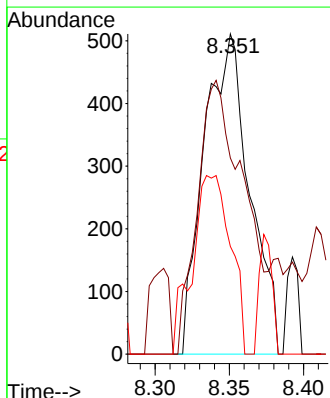
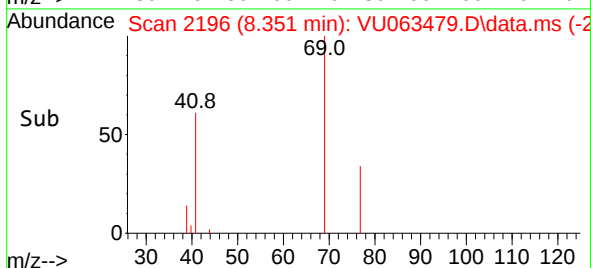
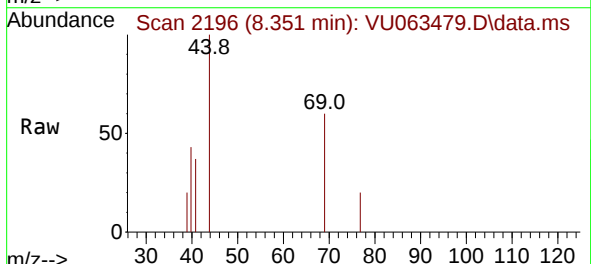


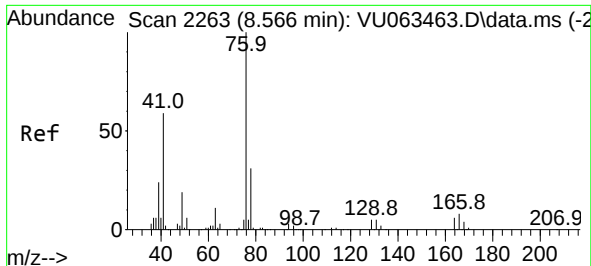
Tgt Ion:	97	Resp:	712
Ion	Ratio	Lower	Upper
97	100		
83	89.1	74.2	111.4
85	59.1	45.8	68.8
99	55.0	52.5	78.7



#56
Ethyl methacrylate
Concen: 0.453 ug/l
RT: 8.351 min Scan# 2196
Delta R.T. 0.022 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion:	69	Resp:	1094
Ion	Ratio	Lower	Upper
69	100		
41	88.6	53.0	79.6#
39	47.0	31.0	46.4#





#57

1,3-Dichloropropane

Concen: 0.449 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

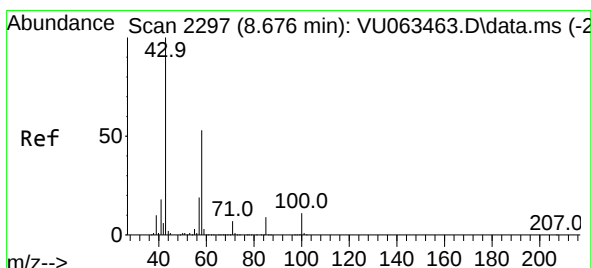
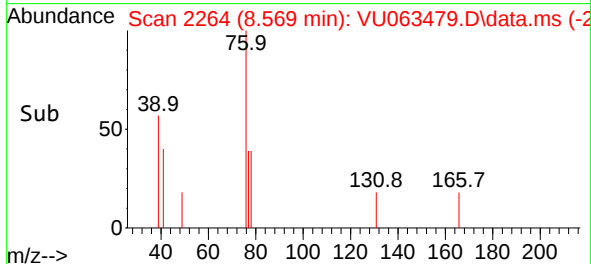
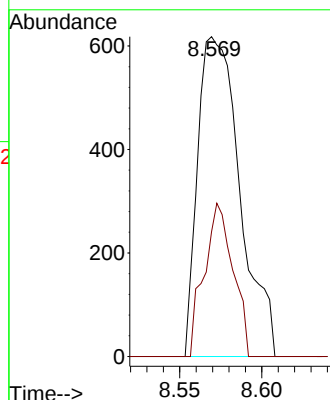
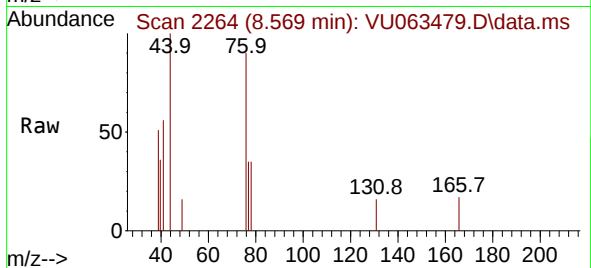
MDL02

Tgt Ion: 76 Resp: 1106

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#59

2-Hexanone

Concen: 3.377 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.019 min

Lab File: VU063479.D

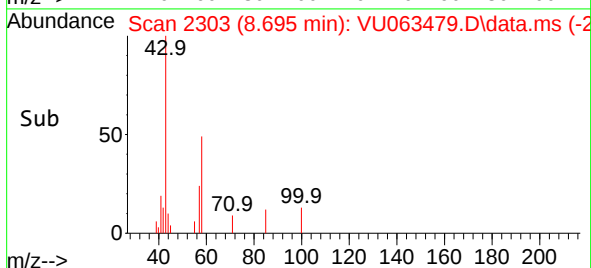
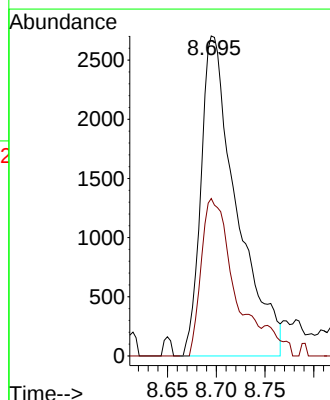
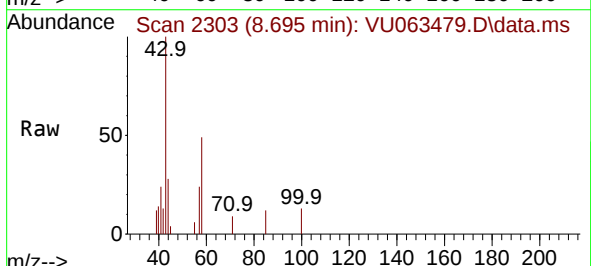
Acq: 10 Jul 2025 14:37

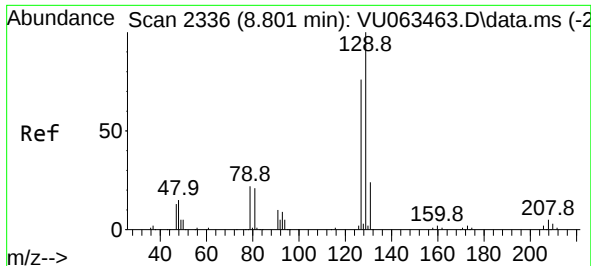
Tgt Ion: 43 Resp: 6857

Ion Ratio Lower Upper

43 100

58 44.0 26.9 80.7

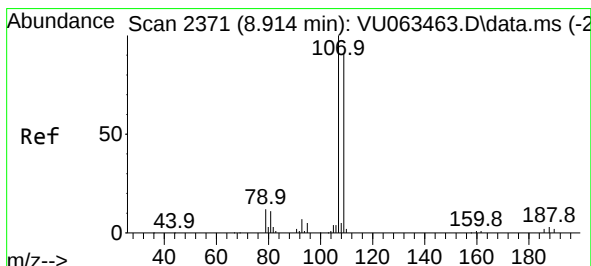
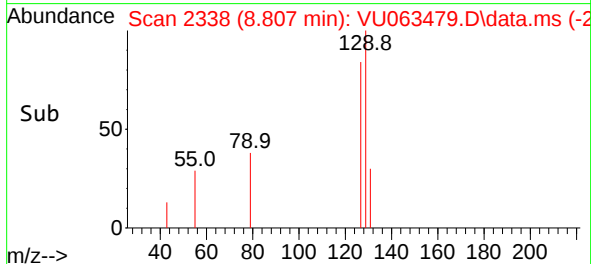
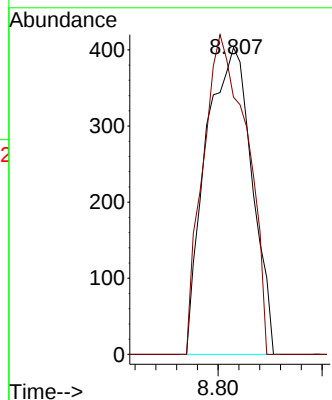
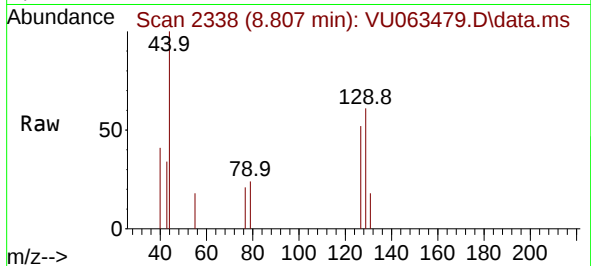




#60
Dibromochloromethane
Concen: 0.371 ug/l
RT: 8.807 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

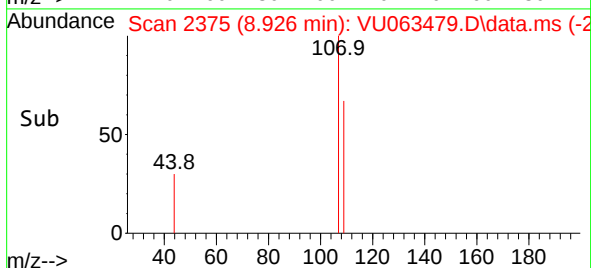
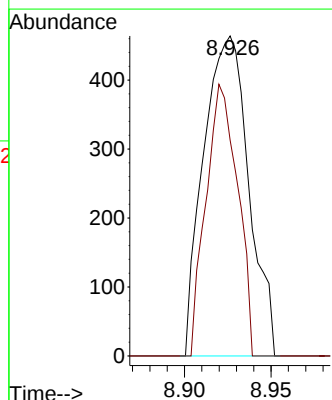
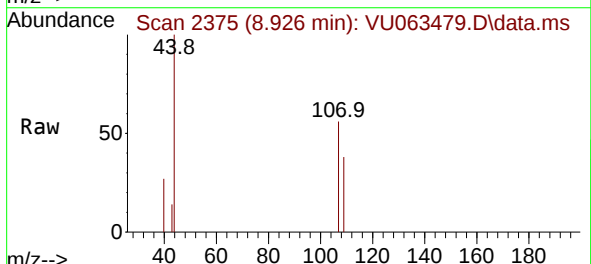
Instrument :
MSVOA_U
ClientSampleId :
MDL02

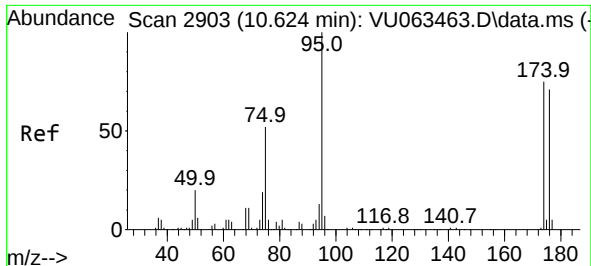
Tgt Ion:129 Resp: 622
Ion Ratio Lower Upper
129 100
127 99.5 39.1 117.2



#61
1,2-Dibromoethane
Concen: 0.574 ug/l
RT: 8.926 min Scan# 2375
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion:107 Resp: 842
Ion Ratio Lower Upper
107 100
109 59.3 73.7 110.5#

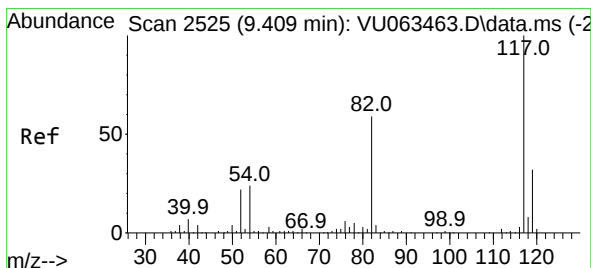
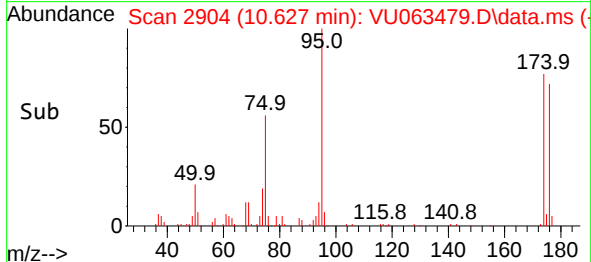
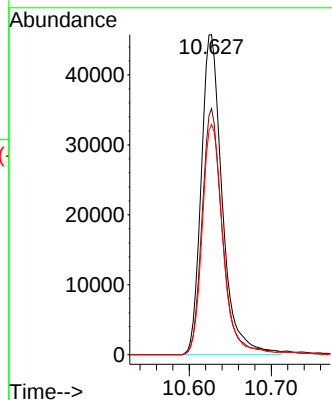
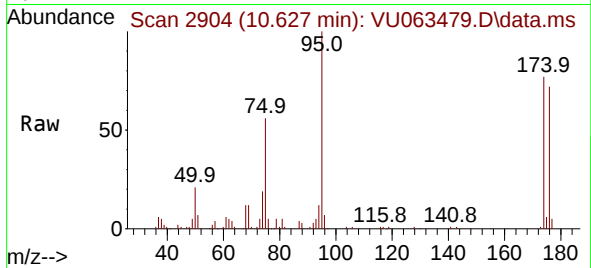




#62
 4-Bromofluorobenzene
 Concen: 45.130 ug/l
 RT: 10.627 min Scan# 2904
 Delta R.T. 0.003 min
 Lab File: VU063479.D
 Acq: 10 Jul 2025 14:37

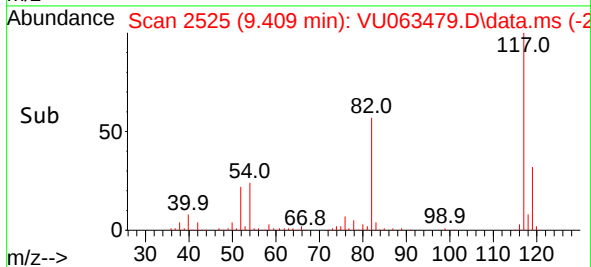
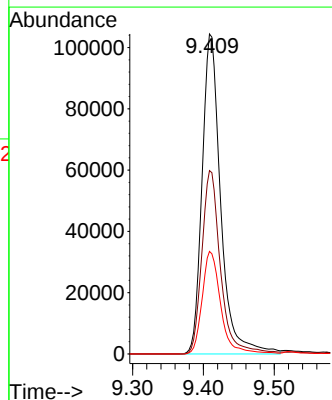
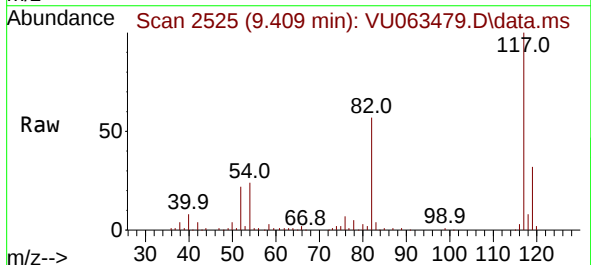
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

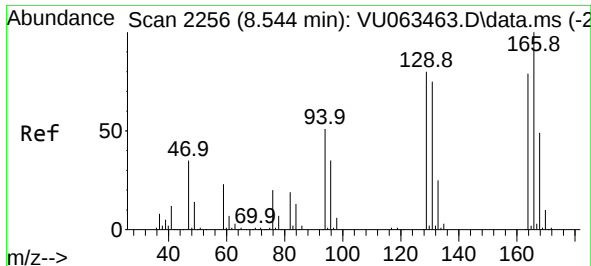
Tgt Ion: 95 Resp: 81653
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 153.6
 176 70.9 0.0 145.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.409 min Scan# 2525
 Delta R.T. -0.000 min
 Lab File: VU063479.D
 Acq: 10 Jul 2025 14:37

Tgt Ion: 117 Resp: 190774
 Ion Ratio Lower Upper
 117 100
 82 57.3 47.1 70.7
 119 32.0 25.4 38.0



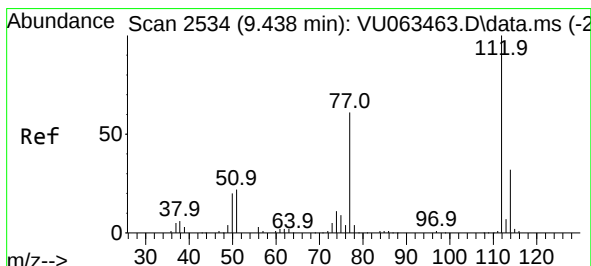
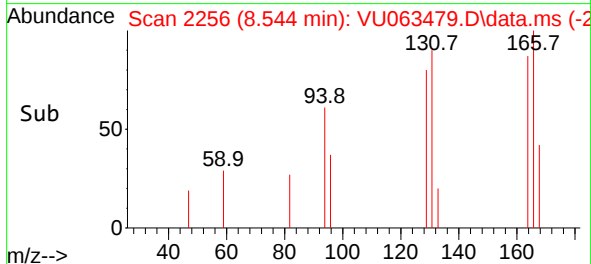
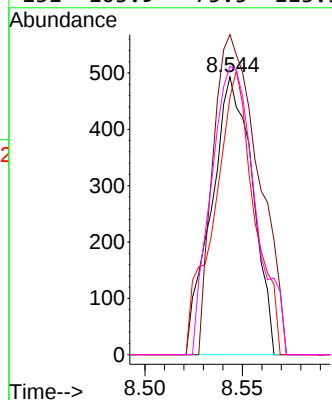
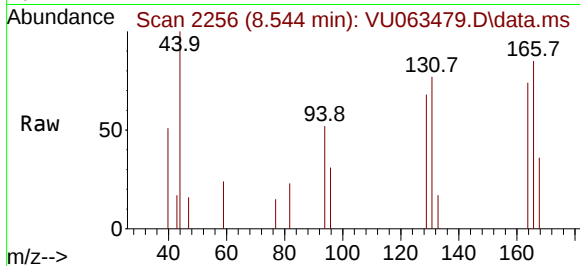


#64
Tetrachloroethene
Concen: 0.509 ug/l
RT: 8.544 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:164 Resp: 723

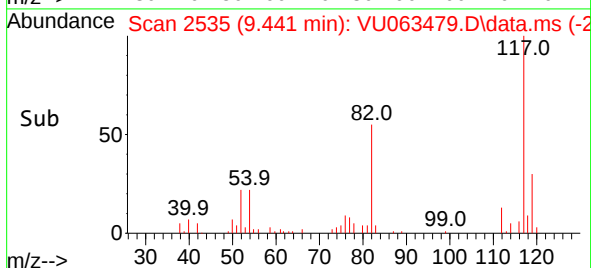
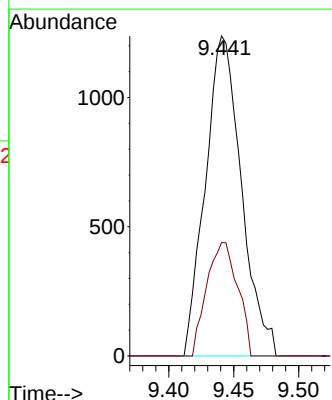
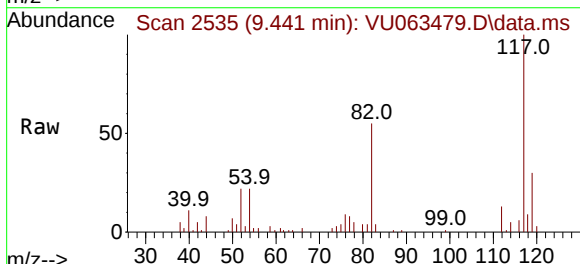
Ion	Ratio	Lower	Upper
164	100		
166	115.2	100.9	151.3
129	92.7	80.9	121.3
131	103.9	75.5	113.3

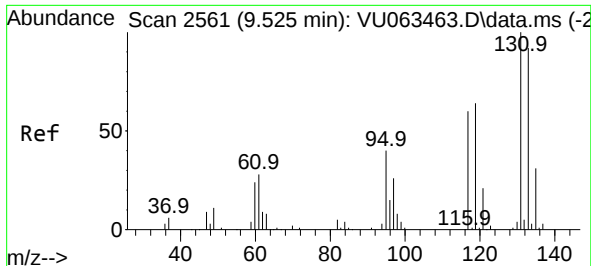


#65
Chlorobenzene
Concen: 0.600 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion:112 Resp: 2383

Ion	Ratio	Lower	Upper
112	100		
114	35.5	25.5	38.3

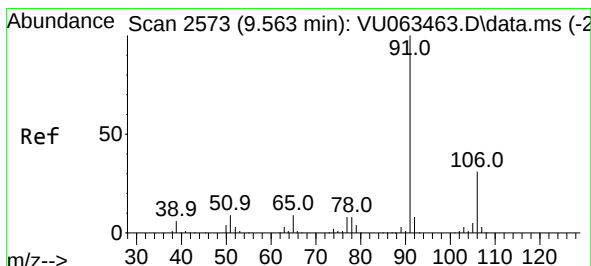
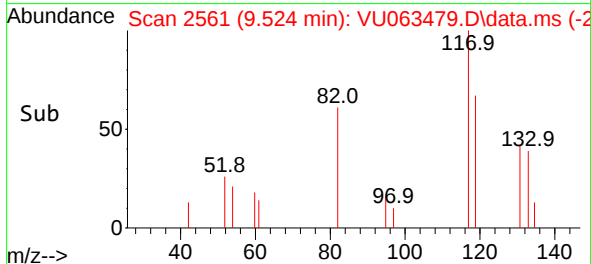
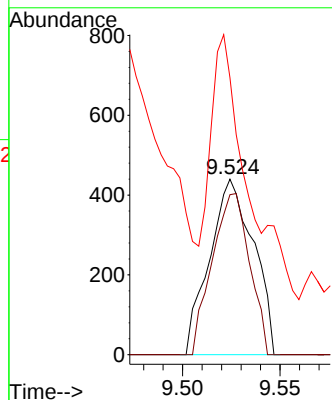
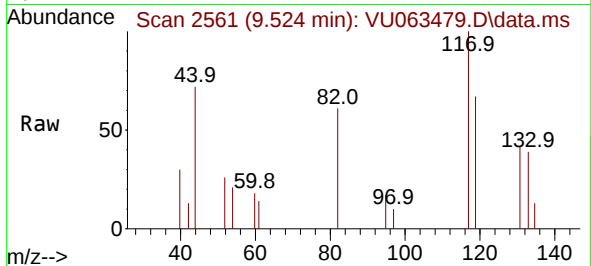




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.507 ug/l
 RT: 9.524 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU063479.D
 Acq: 10 Jul 2025 14:37

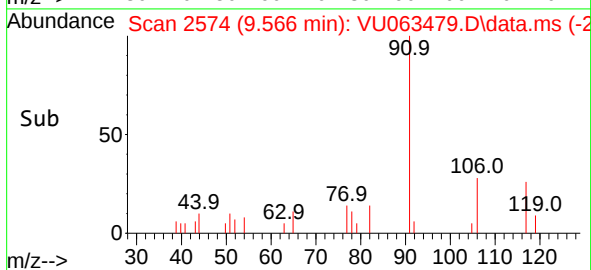
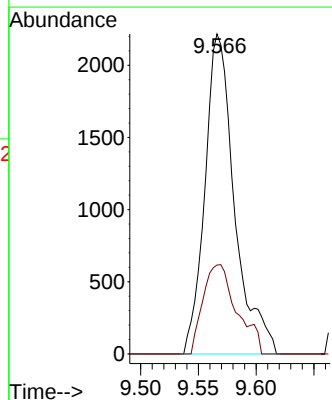
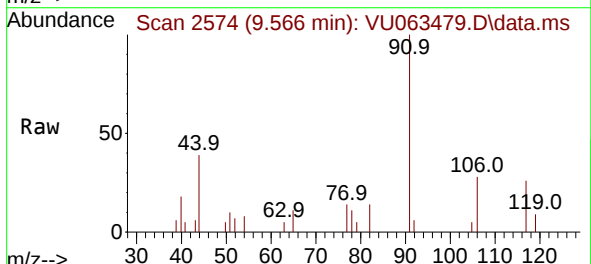
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

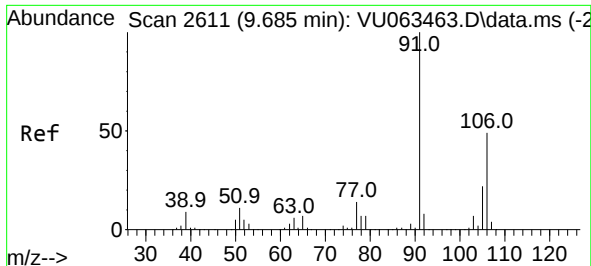
Tgt Ion:131 Resp: 690
 Ion Ratio Lower Upper
 131 100
 133 78.0 46.4 139.2
 119 0.0 33.3 99.9#



#67
 Ethyl Benzene
 Concen: 0.579 ug/l
 RT: 9.566 min Scan# 2574
 Delta R.T. 0.003 min
 Lab File: VU063479.D
 Acq: 10 Jul 2025 14:37

Tgt Ion: 91 Resp: 3951
 Ion Ratio Lower Upper
 91 100
 106 27.8 24.5 36.7

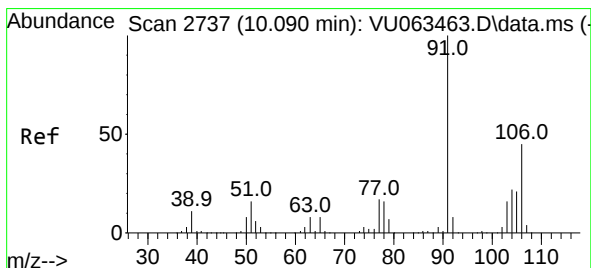
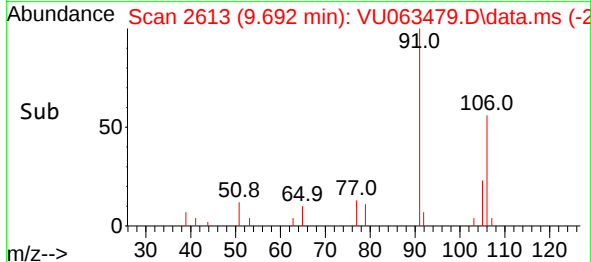
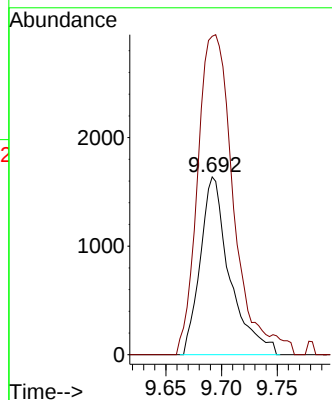
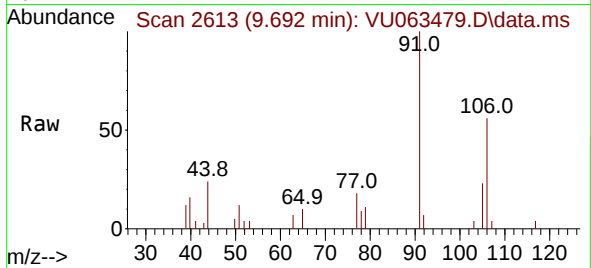




#68
m/p-Xylenes
Concen: 1.158 ug/l
RT: 9.692 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

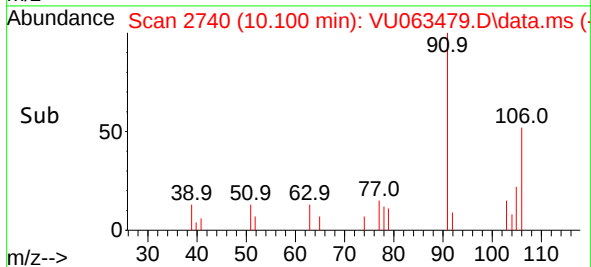
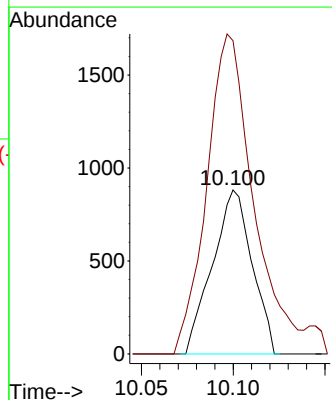
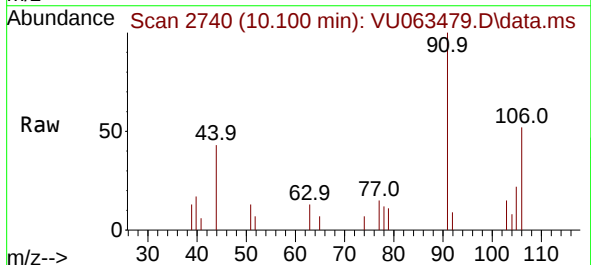
Instrument :
MSVOA_U
ClientSampleId :
MDL02

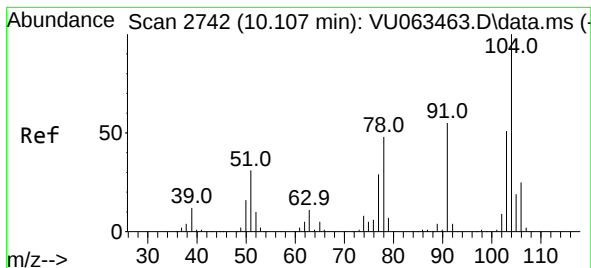
Tgt Ion:106 Resp: 3016
Ion Ratio Lower Upper
106 100
91 219.2 163.6 245.4



#69
o-Xylene
Concen: 0.499 ug/l
RT: 10.100 min Scan# 2740
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion:106 Resp: 1322
Ion Ratio Lower Upper
106 100
91 229.9 110.7 331.9





#70

Styrene

Concen: 0.442 ug/l

RT: 10.122 min Scan# 21

Delta R.T. 0.016 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02

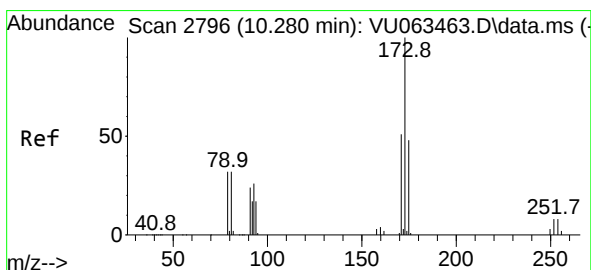
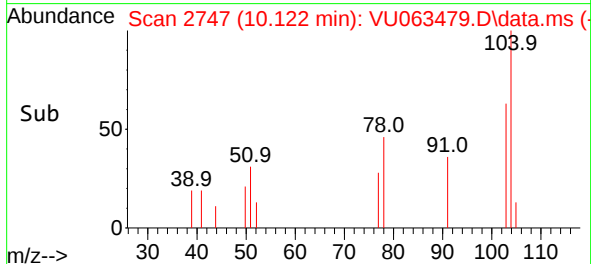
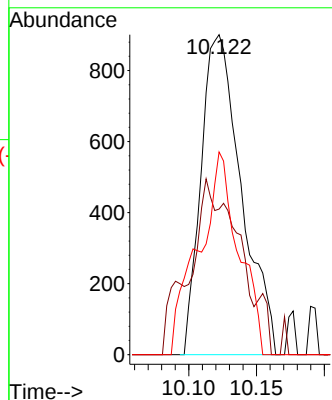
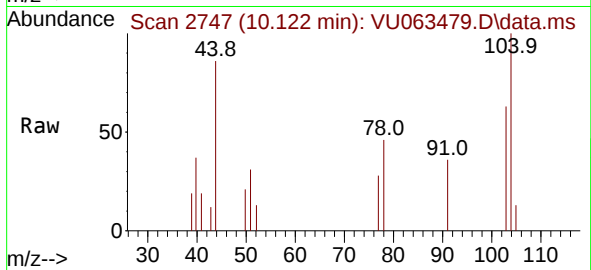
Tgt Ion:104 Resp: 1862

Ion Ratio Lower Upper

104 100

78 41.0 41.4 62.0#

103 63.0 44.3 66.5



#71

Bromoform

Concen: 0.532 ug/l

RT: 10.290 min Scan# 2799

Delta R.T. 0.009 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

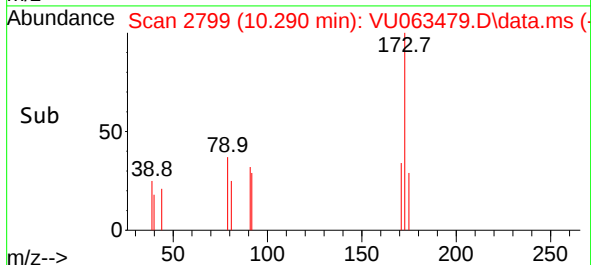
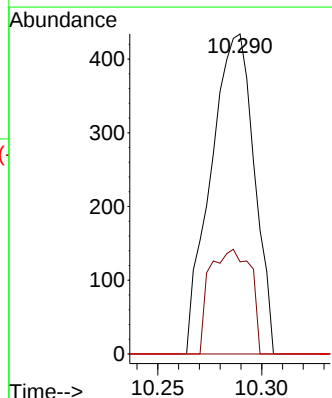
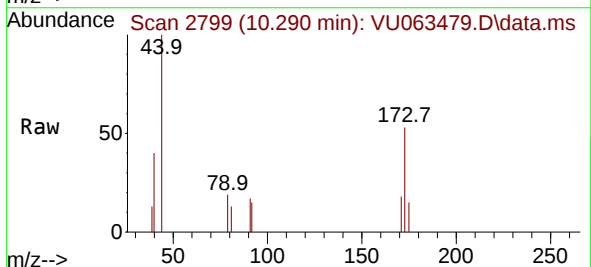
Tgt Ion:173 Resp: 631

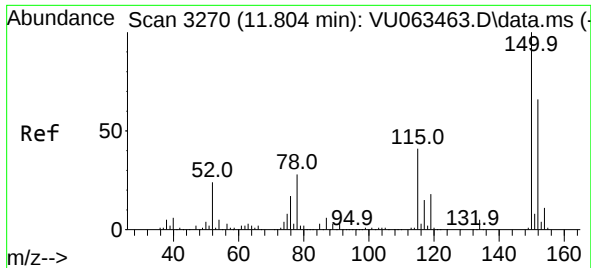
Ion Ratio Lower Upper

173 100

175 30.6 24.0 72.0

254 0.0 0.0 0.0

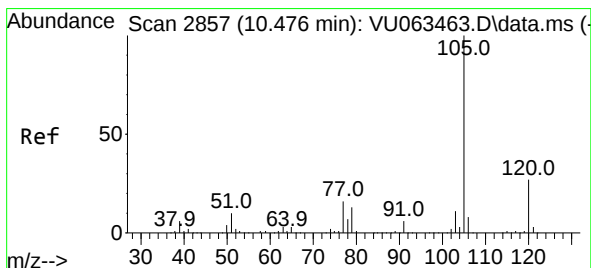
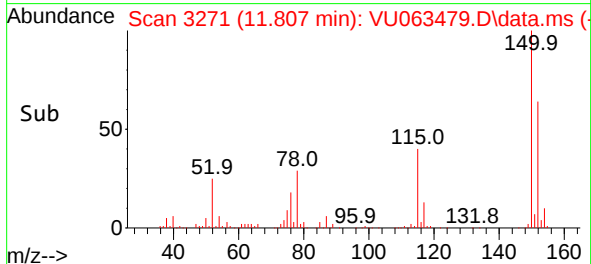
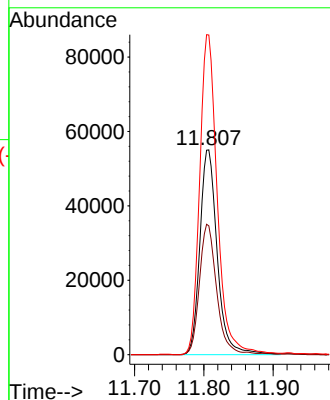
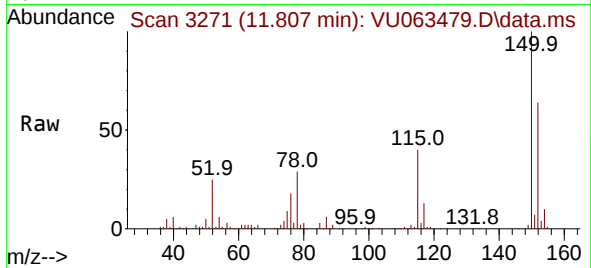




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.807 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

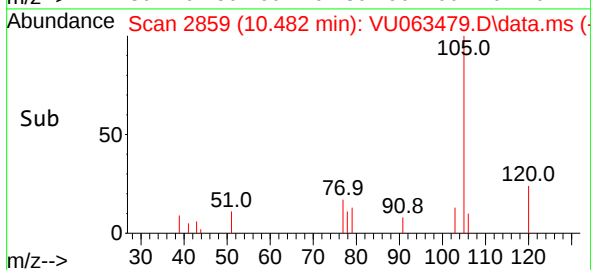
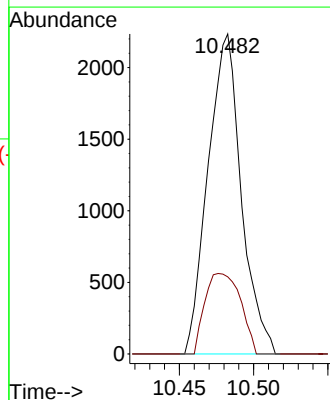
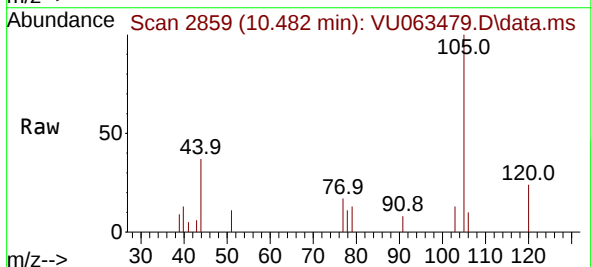
Instrument :
MSVOA_U
ClientSampleId :
MDL02

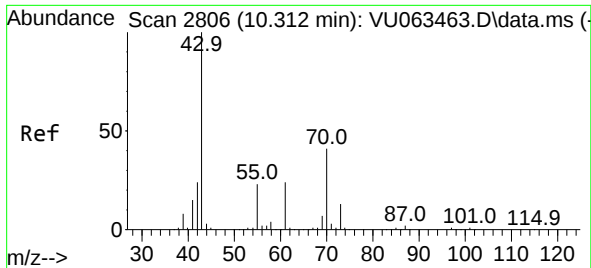
Tgt Ion:152 Resp: 96096
Ion Ratio Lower Upper
152 100
115 63.1 43.4 130.2
150 158.3 0.0 341.4



#73
Isopropylbenzene
Concen: 0.532 ug/l
RT: 10.482 min Scan# 2859
Delta R.T. 0.006 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion:105 Resp: 3479
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

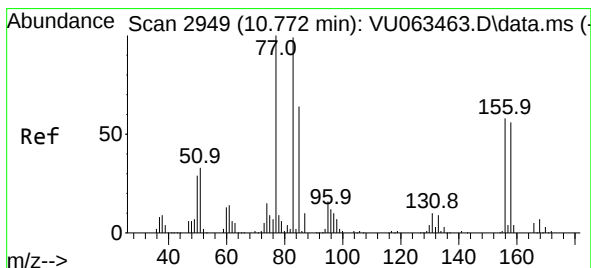
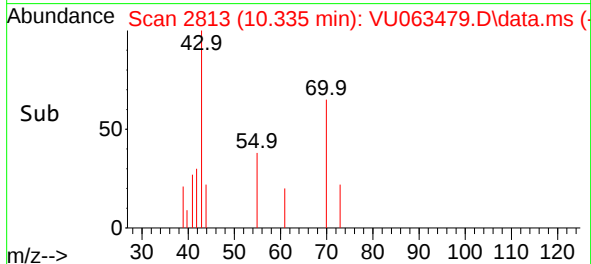
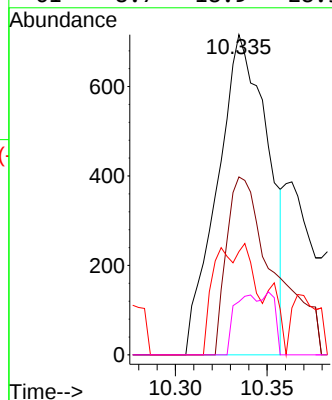
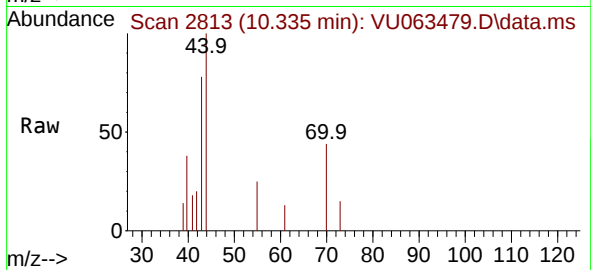




#74
N-amy1 acetate
Concen: 0.467 ug/l
RT: 10.335 min Scan# 21
Delta R.T. 0.022 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

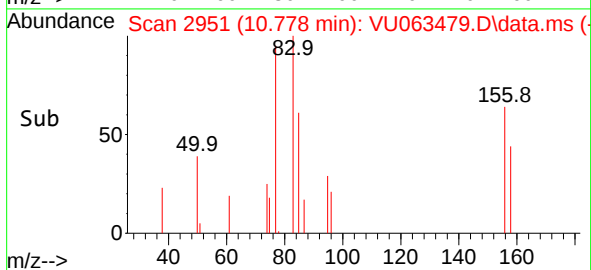
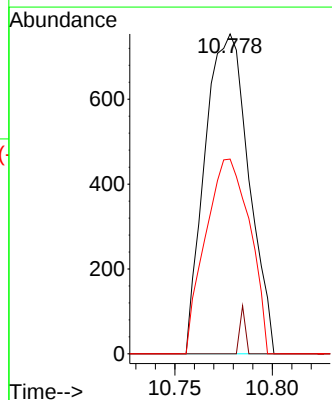
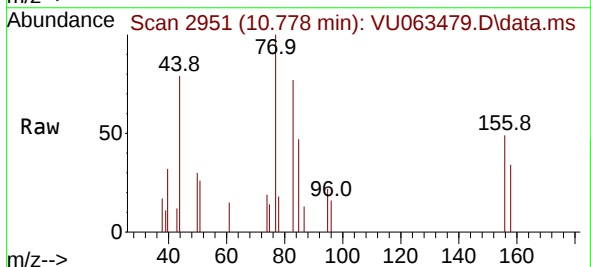
Instrument :
MSVOA_U
ClientSampleId :
MDL02

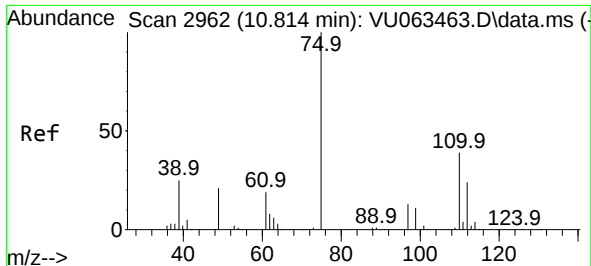
Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
70 52.8 32.6 48.8#
55 14.3 18.6 27.8#
61 8.7 18.9 28.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.490 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 83 Resp: 1179
Ion Ratio Lower Upper
83 100
131 1.9 4.8 14.3#
85 61.6 32.3 96.8

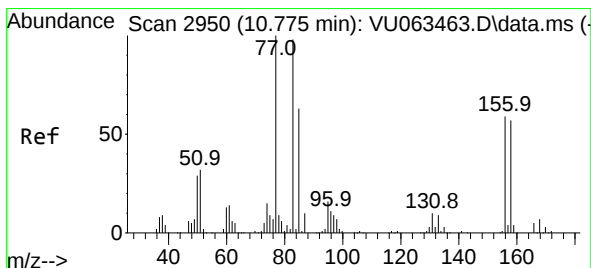
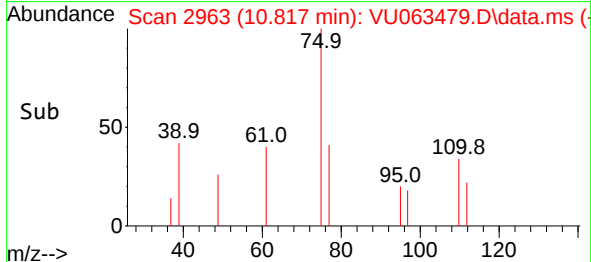
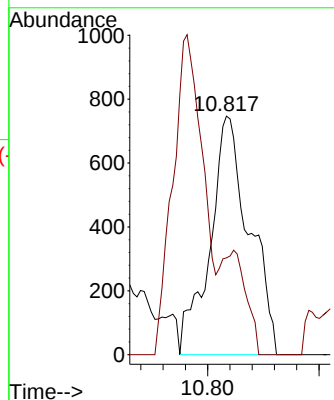
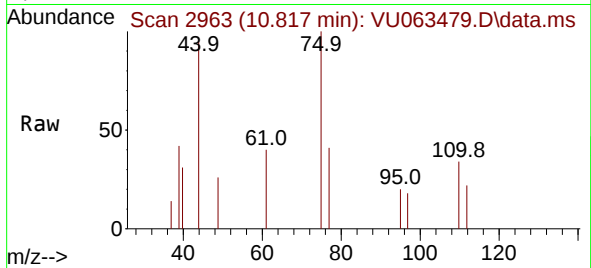




#76
1,2,3-Trichloropropane
Concen: 0.721 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

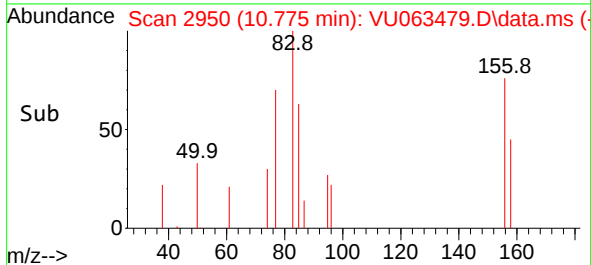
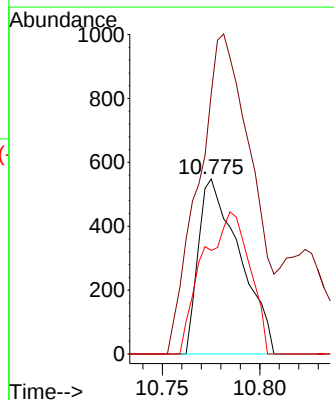
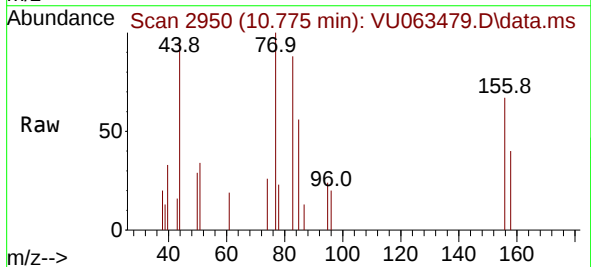
Instrument :
MSVOA_U
ClientSampleId :
MDL02

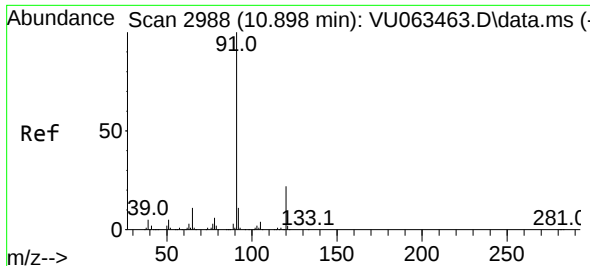
Tgt Ion: 75 Resp: 1835
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#



#77
Bromobenzene
Concen: 0.504 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 156 Resp: 807
Ion Ratio Lower Upper
156 100
77 235.2 78.2 234.6#
158 91.7 46.8 140.4

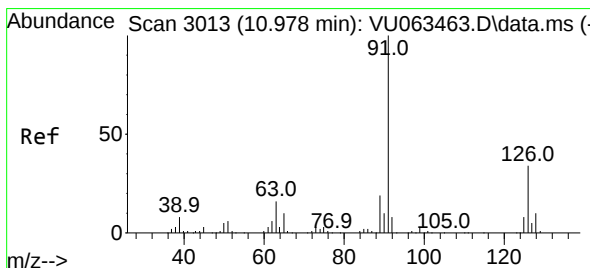
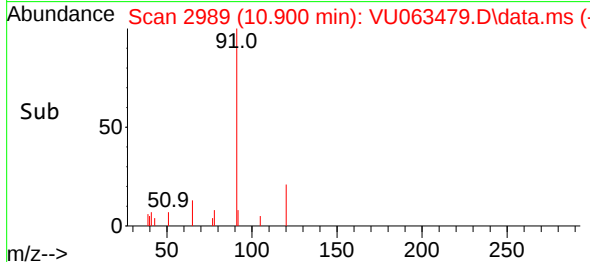
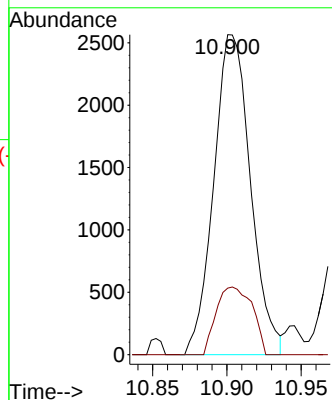
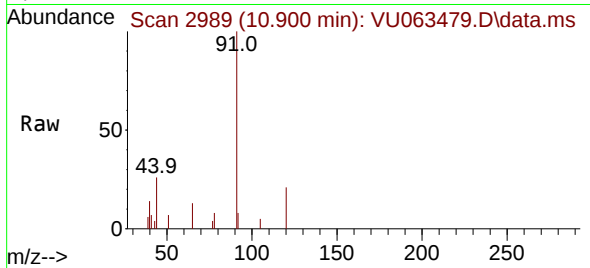




#78
n-propylbenzene
Concen: 0.583 ug/l
RT: 10.900 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

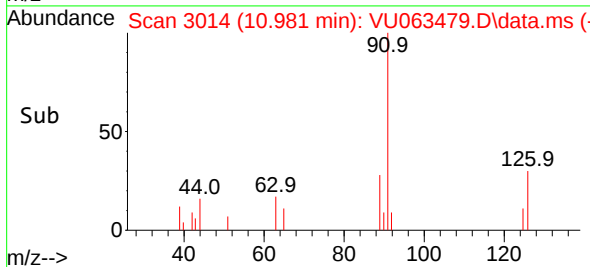
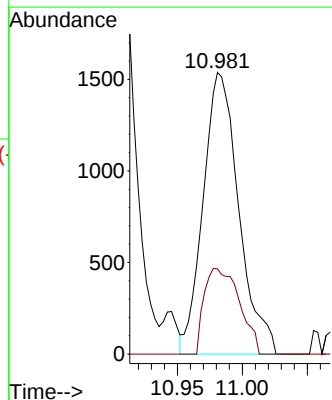
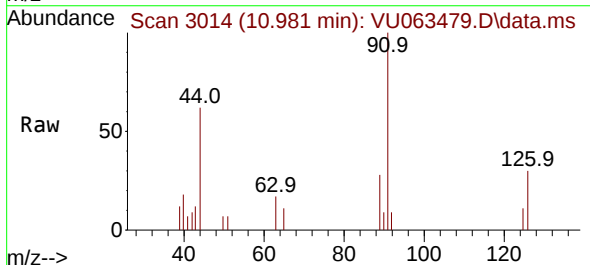
Instrument :
MSVOA_U
ClientSampleId :
MDL02

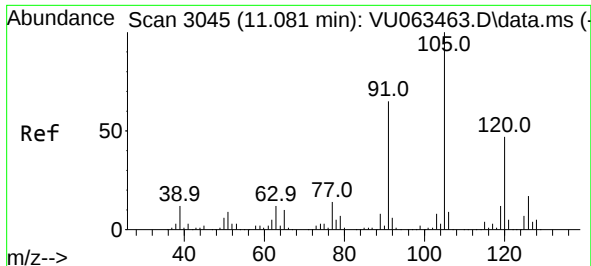
Tgt Ion: 91 Resp: 4424
Ion Ratio Lower Upper
91 100
120 20.7 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.616 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 91 Resp: 2930
Ion Ratio Lower Upper
91 100
126 30.1 15.9 47.7

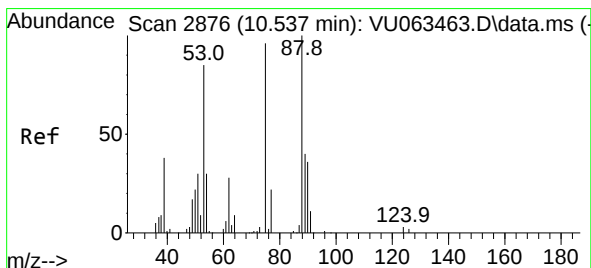
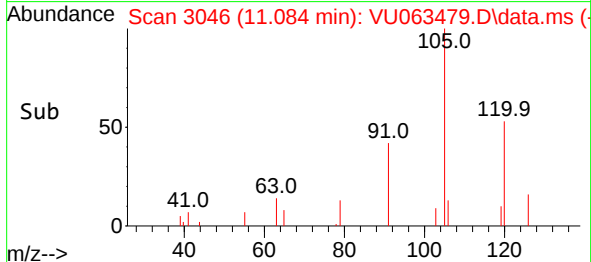
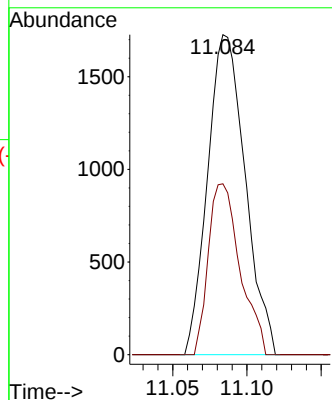
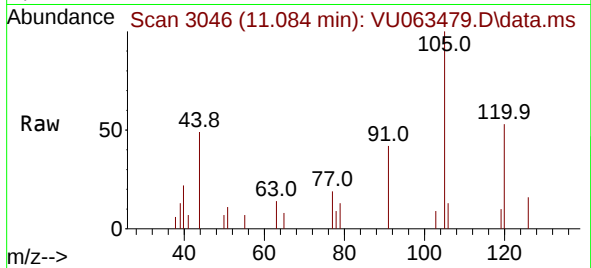




#80
1,3,5-Trimethylbenzene
Concen: 0.530 ug/l
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

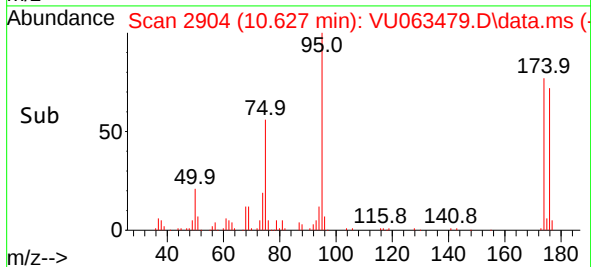
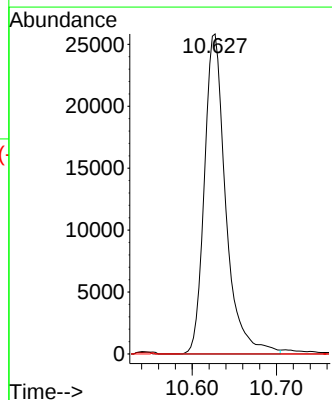
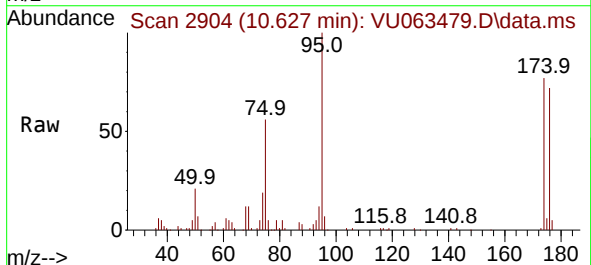
Instrument :
MSVOA_U
ClientSampleId :
MDL02

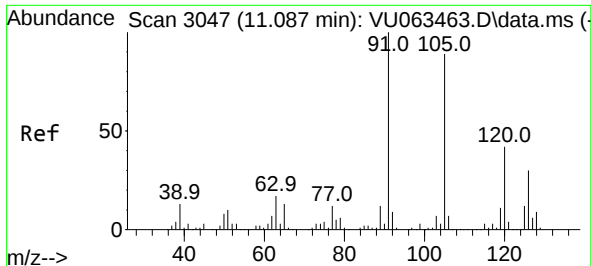
Tgt Ion:105 Resp: 3033
Ion Ratio Lower Upper
105 100
120 45.1 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 89.378 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.090 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 75 Resp: 45632
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#

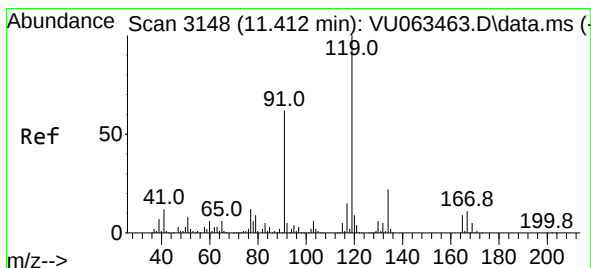
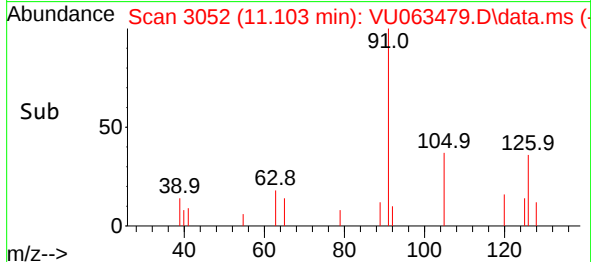
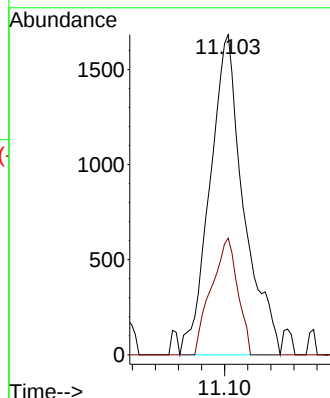
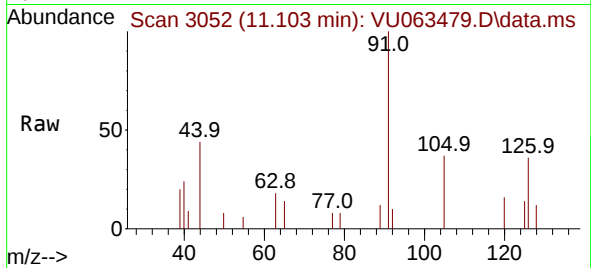




#82
4-Chlorotoluene
Concen: 0.633 ug/l
RT: 11.103 min Scan# 3047
Delta R.T. 0.016 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

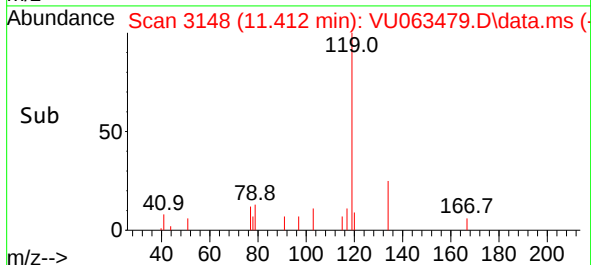
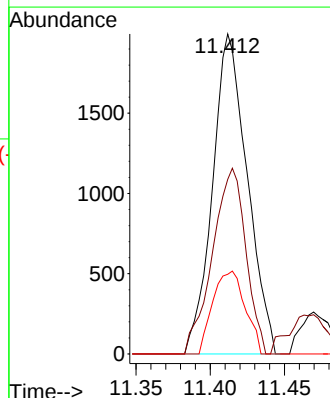
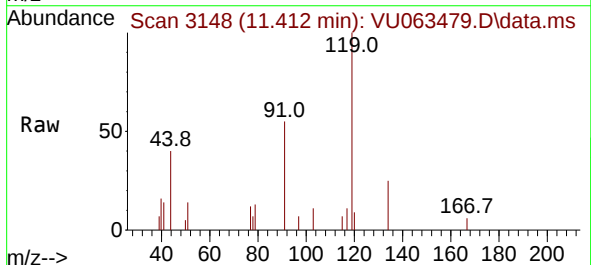
Instrument :
MSVOA_U
ClientSampleId :
MDL02

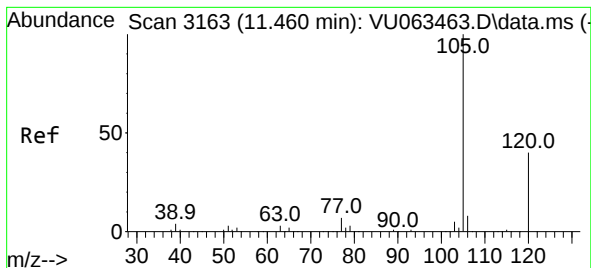
Tgt Ion: 91 Resp: 3420
Ion Ratio Lower Upper
91 100
126 28.4 14.4 43.2



#83
tert-Butylbenzene
Concen: 0.591 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 119 Resp: 3244
Ion Ratio Lower Upper
119 100
91 55.8 30.3 91.0
134 24.0 11.2 33.6





#84

1,2,4-Trimethylbenzene

Concen: 0.577 ug/l

RT: 11.466 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

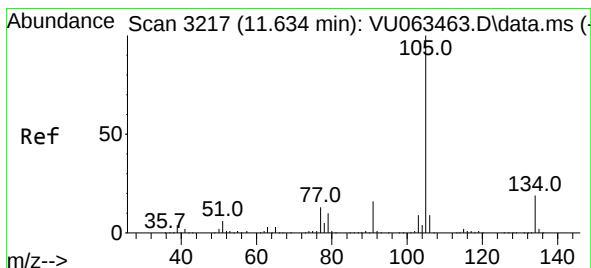
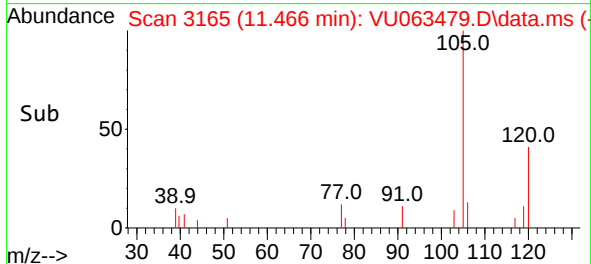
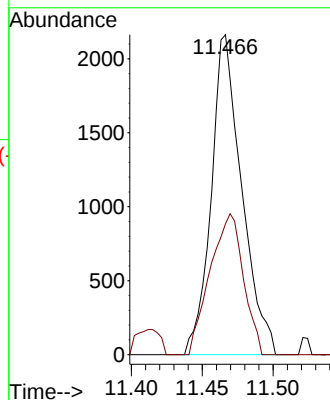
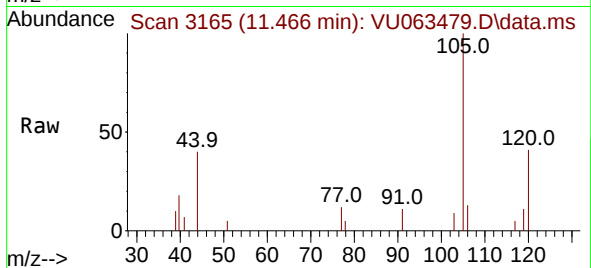
MDL02

Tgt Ion:105 Resp: 3240

Ion Ratio Lower Upper

105 100

120 48.0 22.1 66.3



#85

sec-Butylbenzene

Concen: 0.591 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU063479.D

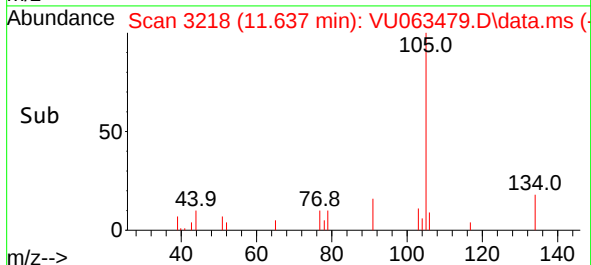
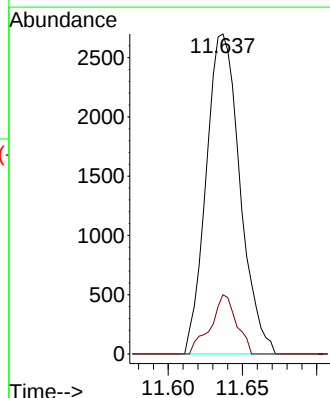
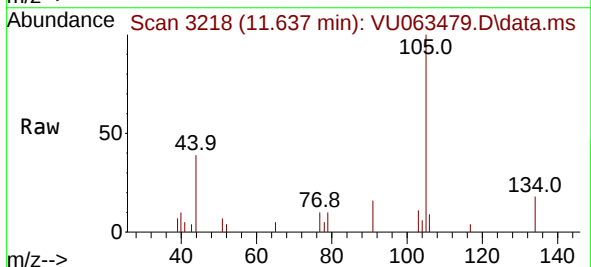
Acq: 10 Jul 2025 14:37

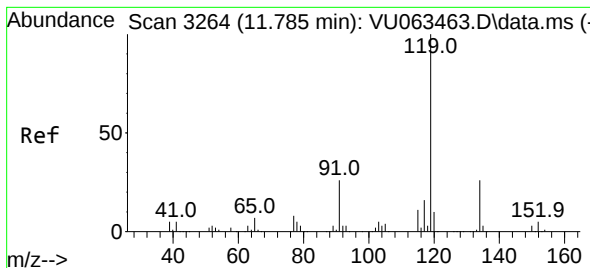
Tgt Ion:105 Resp: 4279

Ion Ratio Lower Upper

105 100

134 14.1 9.7 29.1





#86

p-Isopropyltoluene

Concen: 0.600 ug/l

RT: 11.788 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02

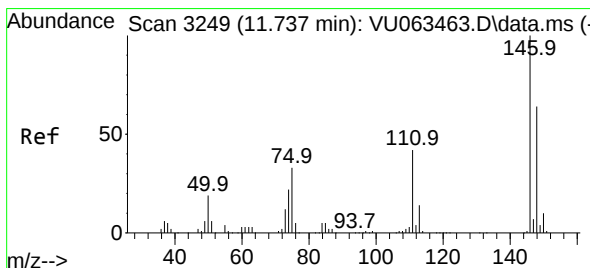
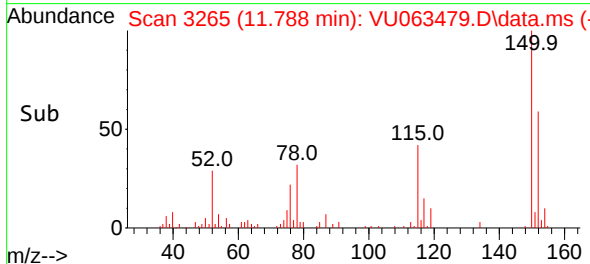
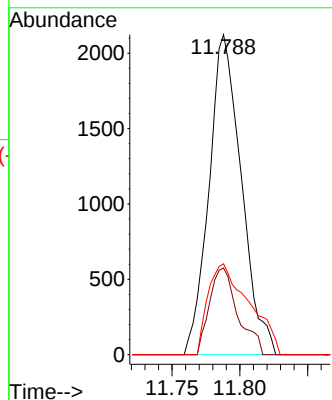
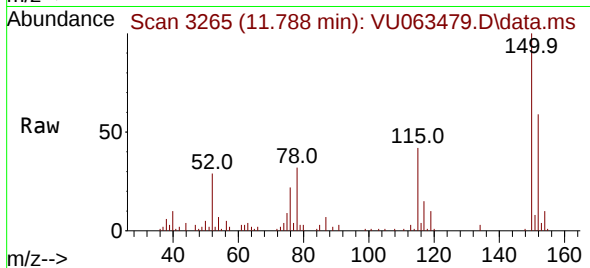
Tgt Ion:119 Resp: 3523

Ion Ratio Lower Upper

119 100

134 23.8 13.0 38.9

91 36.2 13.0 38.9



#87

1,3-Dichlorobenzene

Concen: 0.622 ug/l

RT: 11.746 min Scan# 3252

Delta R.T. 0.009 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

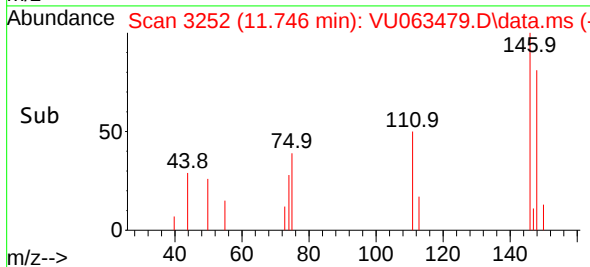
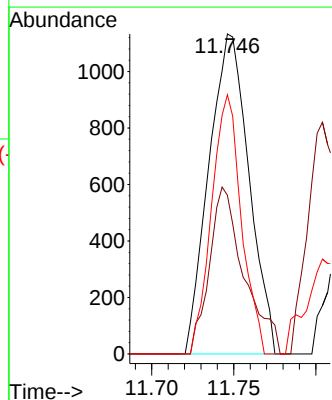
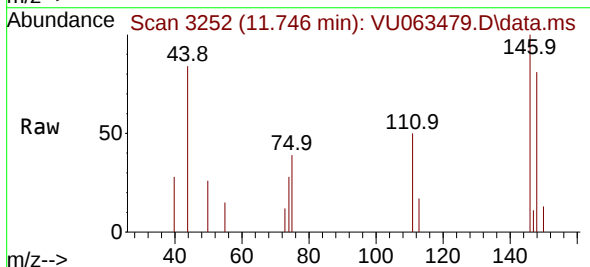
Tgt Ion:146 Resp: 1921

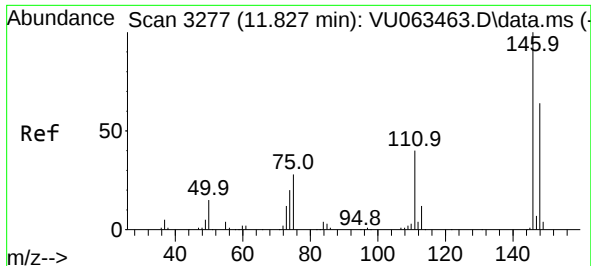
Ion Ratio Lower Upper

146 100

111 45.3 20.9 62.7

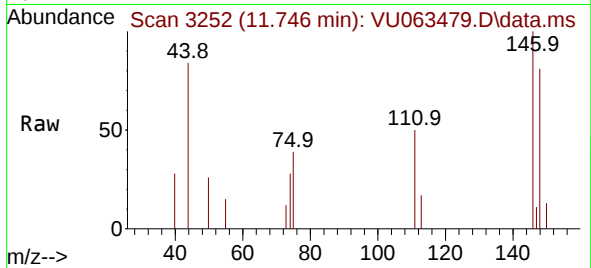
148 60.3 31.9 95.9



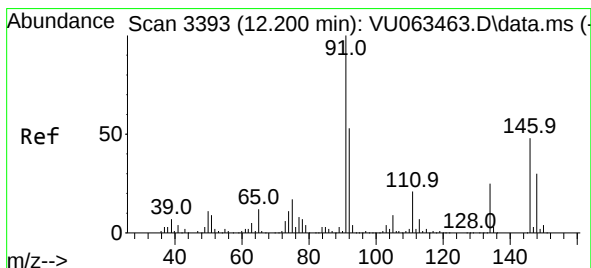
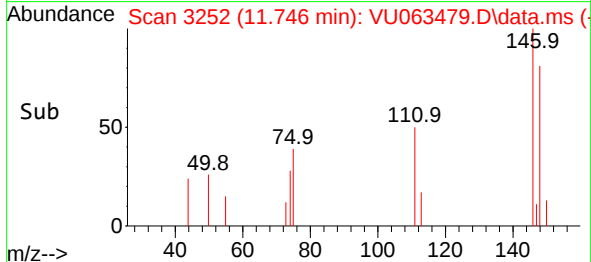
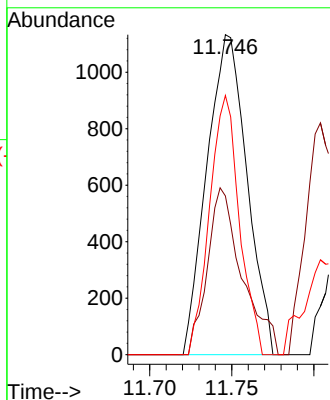


#88
1,4-Dichlorobenzene
Concen: 0.610 ug/l
RT: 11.746 min Scan# 31
Delta R.T. -0.081 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL02

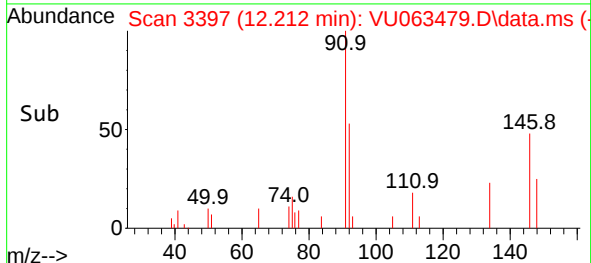
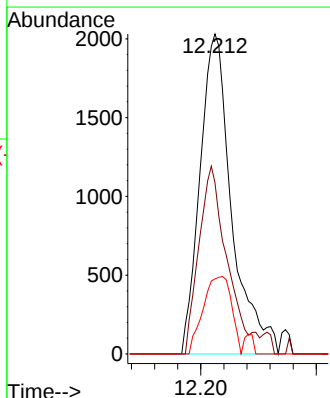
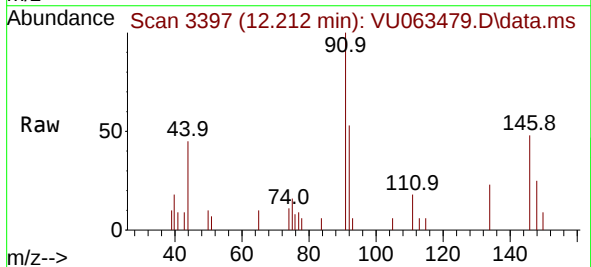


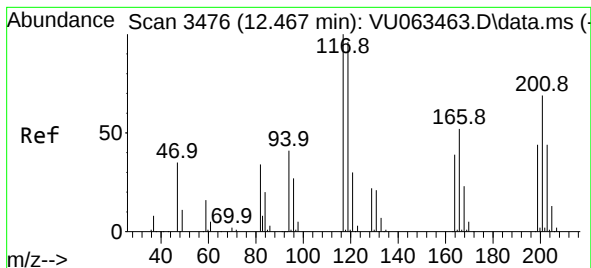
Tgt Ion:146 Resp: 1921
Ion Ratio Lower Upper
146 100
111 45.3 20.8 62.4
148 60.3 31.9 95.9



#89
n-Butylbenzene
Concen: 0.714 ug/l
RT: 12.212 min Scan# 3397
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 91 Resp: 3879
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 21.6 12.4 37.0





#90

Hexachloroethane

Concen: 0.450 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

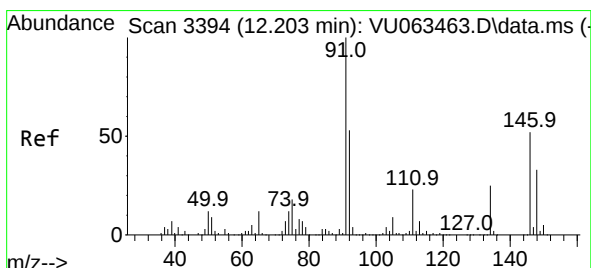
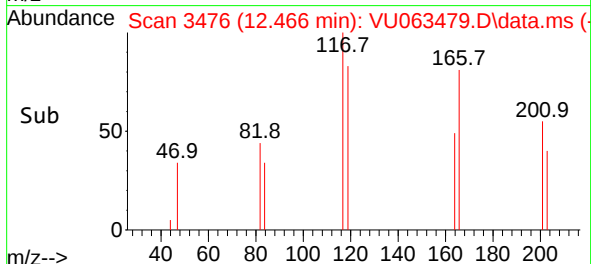
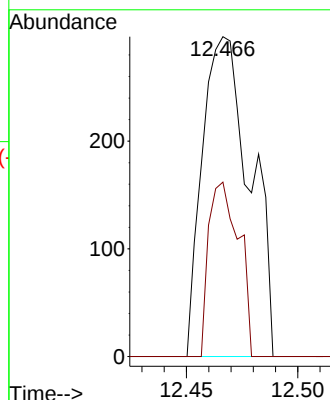
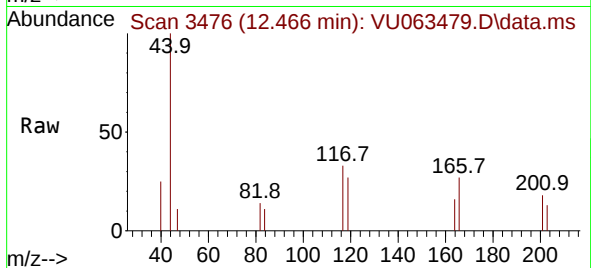
MDL02

Tgt Ion:117 Resp: 442

Ion Ratio Lower Upper

117 100

201 34.4 34.4 103.2#



#91

1,2-Dichlorobenzene

Concen: 0.565 ug/l

RT: 12.216 min Scan# 3398

Delta R.T. 0.013 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

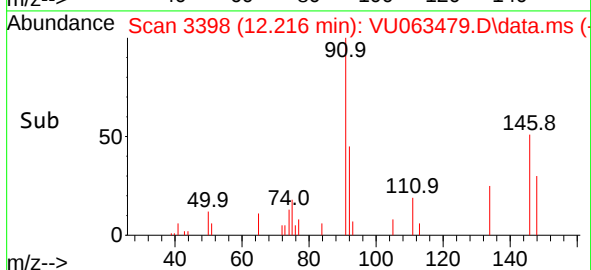
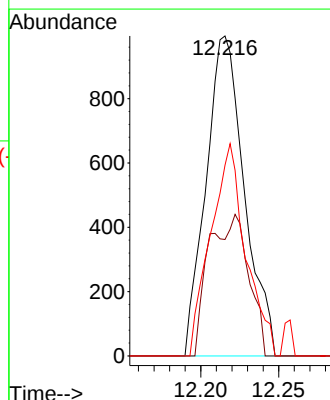
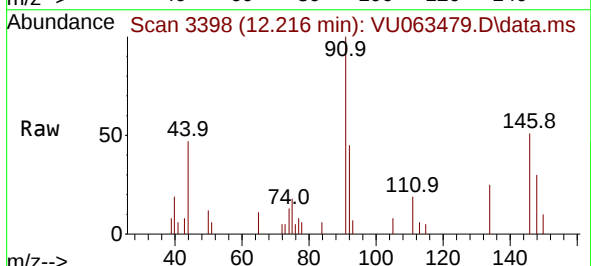
Tgt Ion:146 Resp: 1701

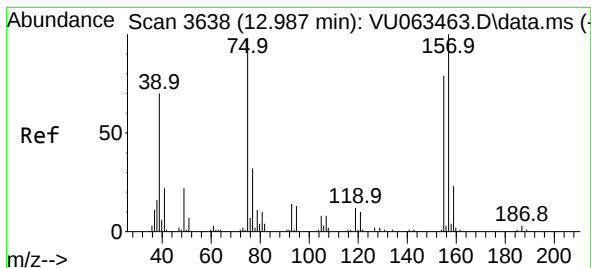
Ion Ratio Lower Upper

146 100

111 22.0 21.9 65.5

148 60.7 31.6 95.0

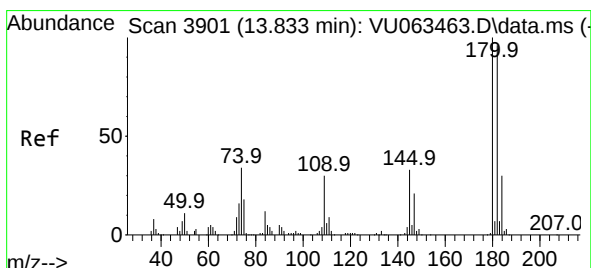
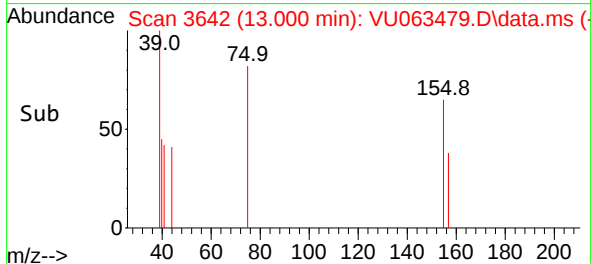
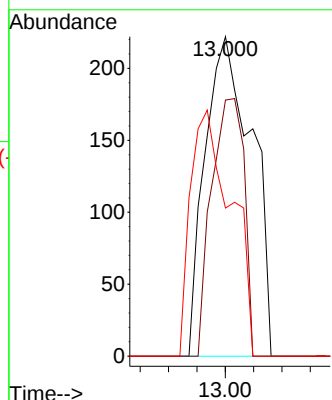
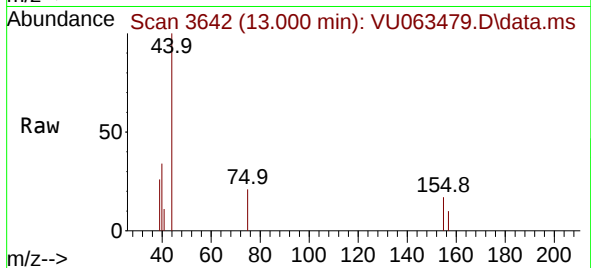




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.446 ug/l
 RT: 13.000 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: VU063479.D
 Acq: 10 Jul 2025 14:37

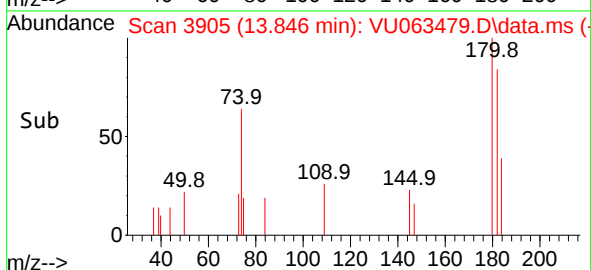
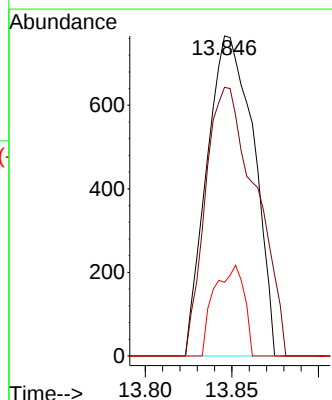
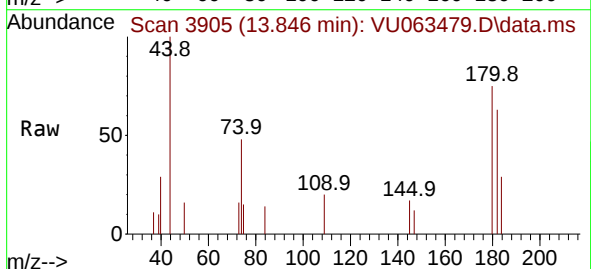
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

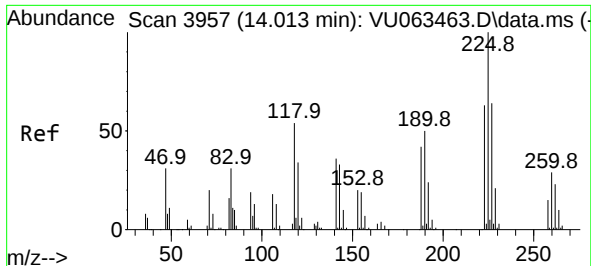
Tgt Ion: 75 Resp: 254
 Ion Ratio Lower Upper
 75 100
 155 55.9 39.1 117.5
 157 66.9 49.4 148.2



#93
 1,2,4-Trichlorobenzene
 Concen: 0.744 ug/l
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.013 min
 Lab File: VU063479.D
 Acq: 10 Jul 2025 14:37

Tgt Ion: 180 Resp: 1435
 Ion Ratio Lower Upper
 180 100
 182 90.7 47.7 143.1
 145 18.0 16.6 49.7

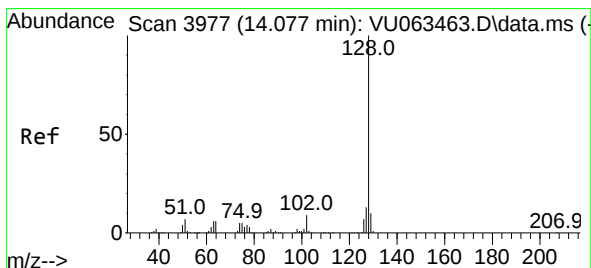
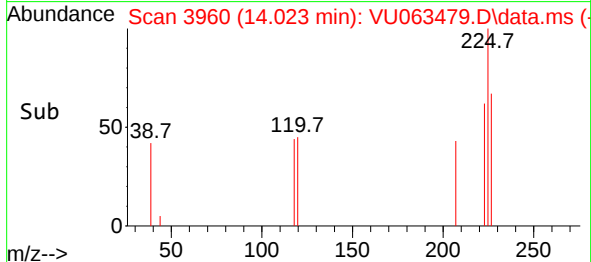
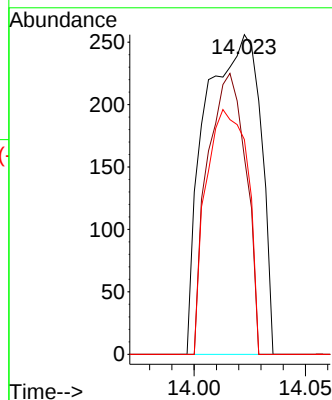
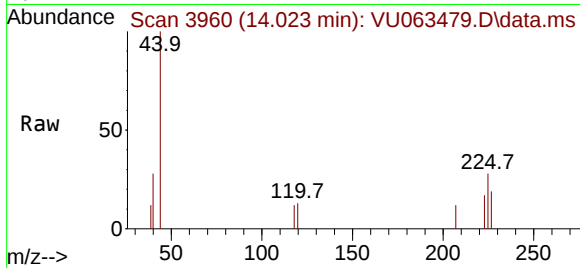




#94
Hexachlorobutadiene
Concen: 0.535 ug/l
RT: 14.023 min Scan# 3960
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

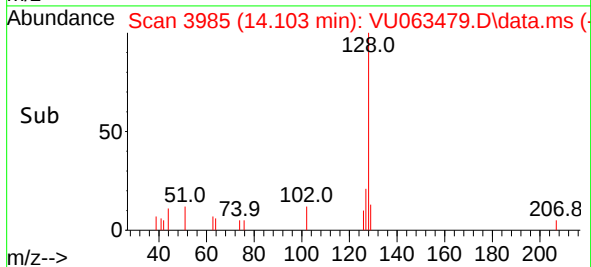
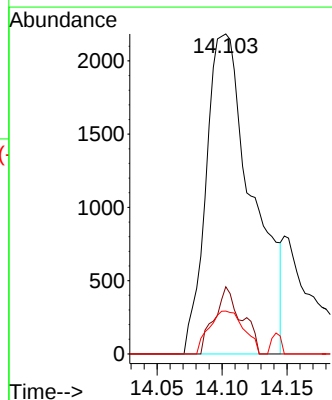
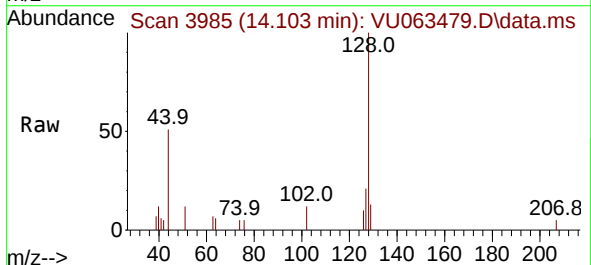
Instrument :
MSVOA_U
ClientSampleId :
MDL02

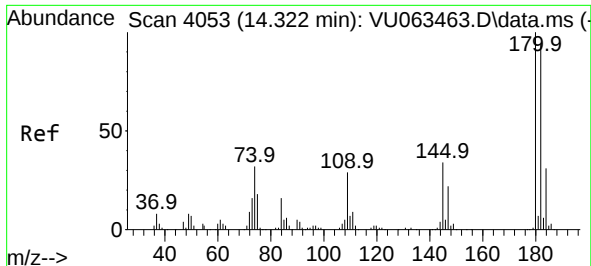
Tgt Ion:	225	Resp:	441
Ion Ratio	Lower	Upper	
225	100		
223	60.8	32.4	97.0
227	57.4	32.3	96.9



#95
Naphthalene
Concen: 0.853 ug/l
RT: 14.103 min Scan# 3985
Delta R.T. 0.025 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion:	128	Resp:	5387
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.4
129	10.1	8.6	12.8





#96

1,2,3-Trichlorobenzene

Concen: 0.686 ug/l

RT: 14.331 min Scan# 4056

Delta R.T. 0.009 min

Lab File: VU063479.D

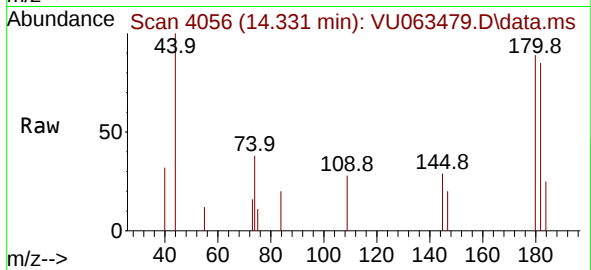
Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02



Tgt Ion:180 Resp: 1301

Ion Ratio Lower Upper

180 100

182 108.0 47.8 143.3

145 33.6 17.2 51.5

