

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
 Data File : VU063477.D
 Acq On : 10 Jul 2025 13:45
 Operator : MD/SY
 Sample : MDL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Quant Time: Jul 11 04:52:22 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	5.357	168	108463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.235	114	198442	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	179828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	95719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	72124	52.118	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.240%	
35) Dibromofluoromethane	5.274	113	56464	47.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.400%	
50) Toluene-d8	7.888	98	178079	45.671	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.340%#	
62) 4-Bromofluorobenzene	10.624	95	82039	48.102	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.200%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	2445	2.834	ug/l	91
3) Chloromethane	1.515	50	3012	2.867	ug/l	96
4) Vinyl Chloride	1.595	62	3300	2.833	ug/l	89
5) Bromomethane	1.843	94	3578	4.383	ug/l	97
6) Chloroethane	1.923	64	2344	2.777	ug/l #	87
7) Trichlorofluoromethane	2.126	101	5468	2.909	ug/l #	83
8) Diethyl Ether	2.367	74	2307	2.945	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.563	101	3142	2.826	ug/l	93
10) Methyl Iodide	2.708	142	2725	2.347	ug/l #	81
11) Tert butyl alcohol	3.197	59	9017	19.434	ug/l	98
12) 1,1-Dichloroethene	2.570	96	3337	3.225	ug/l	95
13) Acrolein	2.476	56	1212	18.506	ug/l #	77
14) Allyl chloride	2.904	41	6854	2.783	ug/l	91
15) Acrylonitrile	3.303	53	16265	16.365	ug/l	93
16) Acetone	2.621	43	19426	16.734	ug/l	96
17) Carbon Disulfide	2.775	76	8851	3.578	ug/l	96
18) Methyl Acetate	2.936	43	8463	2.833	ug/l	99
19) Methyl tert-butyl Ether	3.357	73	12391	2.776	ug/l	98
20) Methylene Chloride	3.026	84	6151	3.634	ug/l	89
21) trans-1,2-Dichloroethene	3.332	96	3617	3.253	ug/l	94
22) Diisopropyl ether	3.988	45	11378	2.713	ug/l #	62
23) Vinyl Acetate	3.952	43	44729	13.744	ug/l	96
24) 1,1-Dichloroethane	3.849	63	6290	2.643	ug/l	99
25) 2-Butanone	4.718	43	18531	14.220	ug/l	96
26) 2,2-Dichloropropane	4.647	77	5225	2.523	ug/l	96
27) cis-1,2-Dichloroethene	4.650	96	4115	2.804	ug/l	85
28) Bromochloromethane	4.965	49	3294	2.946	ug/l #	92
29) Tetrahydrofuran	5.058	42	13520	16.446	ug/l	95
30) Chloroform	5.074	83	6888	2.741	ug/l	97
31) Cyclohexane	5.357	56	8102	4.234	ug/l #	80
32) 1,1,1-Trichloroethane	5.296	97	5877	2.747	ug/l	92
36) 1,1-Dichloropropene	5.515	75	4344	2.673	ug/l	81
37) Ethyl Acetate	4.827	43	4689	1.781	ug/l #	89
38) Carbon Tetrachloride	5.512	117	4540	2.535	ug/l	95
39) Methylcyclohexane	6.746	83	5694	2.899	ug/l	95
40) Benzene	5.766	78	12775	2.517	ug/l #	88

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.988	41	2306	1.857	ug/l #	64
42) 1,2-Dichloroethane	5.791	62	5632	2.951	ug/l	98
43) Isopropyl Acetate	5.920	43	9534	2.727	ug/l #	93
44) Trichloroethene	6.534	130	3691	2.717	ug/l	90
45) 1,2-Dichloropropane	6.779	63	3866	2.740	ug/l	97
46) Dibromomethane	6.910	93	2799	2.788	ug/l	98
47) Bromodichloromethane	7.094	83	4860	2.328	ug/l	93
48) Methyl methacrylate	6.968	41	4807	2.975	ug/l	86
49) 1,4-Dioxane	6.965	88	1133	31.951	ug/l #	5
51) 4-Methyl-2-Pentanone	7.785	43	37552	14.839	ug/l	97
52) Toluene	7.962	92	8792	2.648	ug/l	99
53) t-1,3-Dichloropropene	8.206	75	4010	2.195	ug/l	95
54) cis-1,3-Dichloropropene	7.602	75	4396	2.150	ug/l	98
55) 1,1,2-Trichloroethane	8.396	97	3640	2.582	ug/l	92
56) Ethyl methacrylate	8.332	69	5713	2.512	ug/l	97
57) 1,3-Dichloropropane	8.566	76	6078	2.615	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.486	63	62	2.625	ug/l #	65
59) 2-Hexanone	8.682	43	29221	15.267	ug/l	93
60) Dibromochloromethane	8.798	129	3812	2.413	ug/l	92
61) 1,2-Dibromoethane	8.917	107	3604	2.604	ug/l	99
64) Tetrachloroethene	8.544	164	3602	2.691	ug/l	96
65) Chlorobenzene	9.438	112	10381	2.775	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.521	131	3111	2.425	ug/l	84
67) Ethyl Benzene	9.563	91	17309	2.692	ug/l	99
68) m/p-Xylenes	9.688	106	13214	5.385	ug/l	97
69) o-Xylene	10.094	106	6600	2.645	ug/l	99
70) Styrene	10.113	104	10068	2.538	ug/l	98
71) Bromoform	10.280	173	2526	2.259	ug/l #	95
73) Isopropylbenzene	10.476	105	16146	2.479	ug/l	100
74) N-amyl acetate	10.319	43	8096	2.772	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.775	83	6702	2.796	ug/l	93
76) 1,2,3-Trichloropropane	10.814	75	6961	2.744	ug/l #	81
77) Bromobenzene	10.782	156	4176	2.616	ug/l	90
78) n-propylbenzene	10.901	91	20818	2.756	ug/l	96
79) 2-Chlorotoluene	10.981	91	11944	2.521	ug/l	97
80) 1,3,5-Trimethylbenzene	11.081	105	14333	2.516	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.624	75	44314	87.138	ug/l #	12
82) 4-Chlorotoluene	11.097	91	14332	2.665	ug/l	98
83) tert-Butylbenzene	11.412	119	13726	2.512	ug/l	95
84) 1,2,4-Trimethylbenzene	11.460	105	13852	2.476	ug/l	99
85) sec-Butylbenzene	11.634	105	18216	2.527	ug/l	99
86) p-Isopropyltoluene	11.785	119	15322	2.620	ug/l	98
87) 1,3-Dichlorobenzene	11.740	146	7922	2.575	ug/l	98
88) 1,4-Dichlorobenzene	11.830	146	9357	2.983	ug/l	91
89) n-Butylbenzene	12.206	91	14707	2.717	ug/l	95
90) Hexachloroethane	12.466	117	2096	2.143	ug/l	88
91) 1,2-Dichlorobenzene	12.209	146	7930	2.643	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.991	75	1591	2.802	ug/l	96
93) 1,2,4-Trichlorobenzene	13.839	180	5718	2.976	ug/l	97
94) Hexachlorobutadiene	14.013	225	1998	2.433	ug/l	98
95) Naphthalene	14.087	128	21905	3.482	ug/l	99
96) 1,2,3-Trichlorobenzene	14.325	180	5024	2.661	ug/l	95

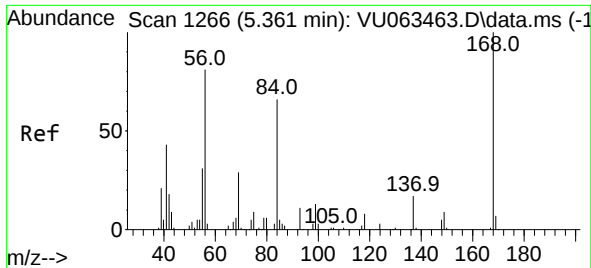
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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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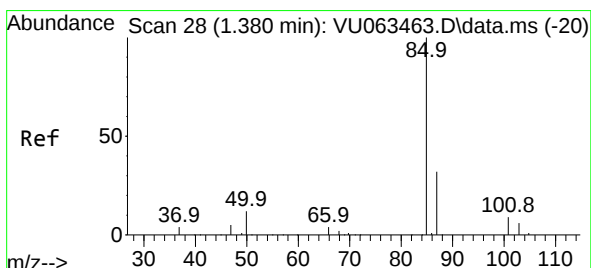
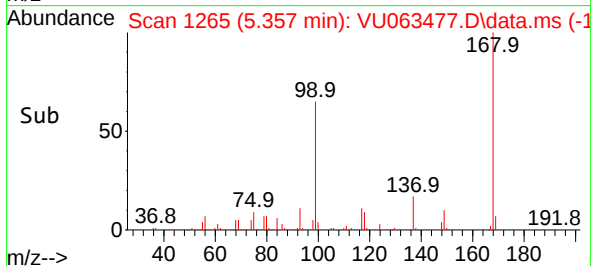
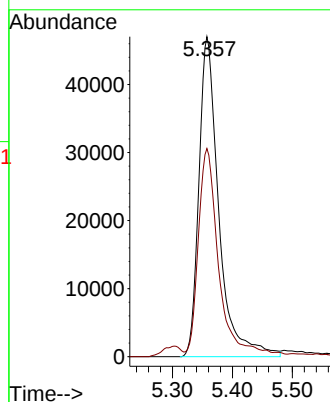
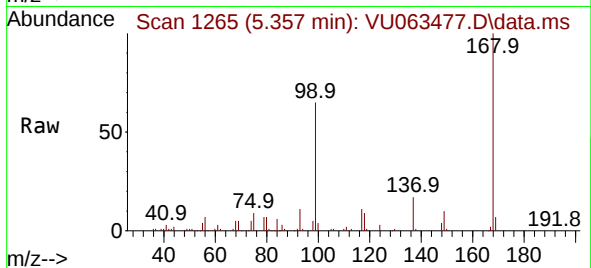
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 1
Delta R.T. -0.004 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

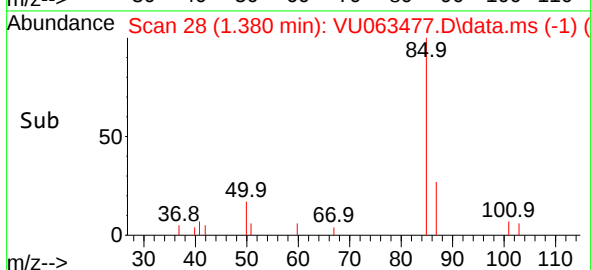
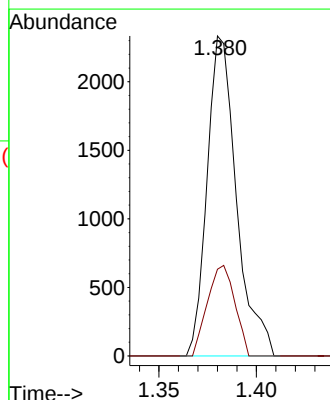
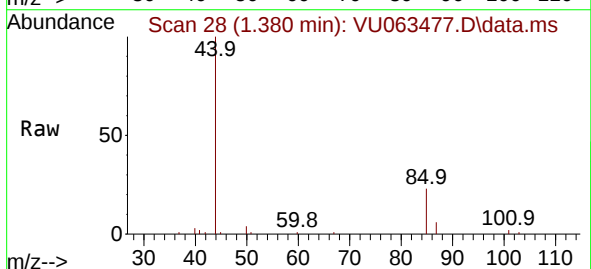
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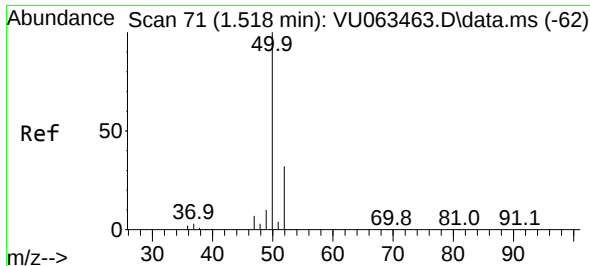
Tgt Ion:168 Resp: 108463
Ion Ratio Lower Upper
168 100
99 63.8 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 2.834 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 85 Resp: 2445
Ion Ratio Lower Upper
85 100
87 27.1 16.1 48.2

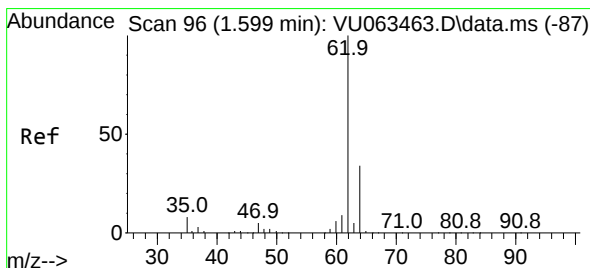
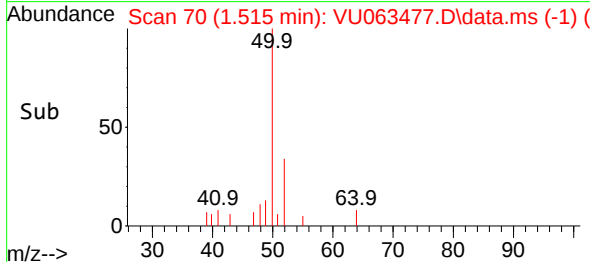
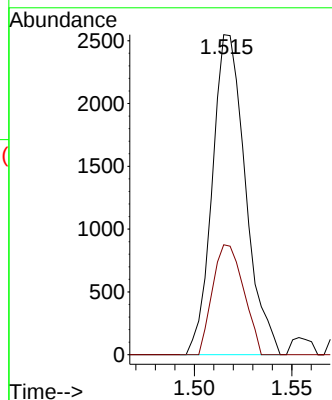
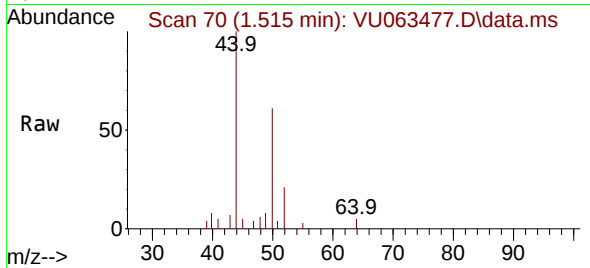




#3
Chloromethane
Concen: 2.867 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

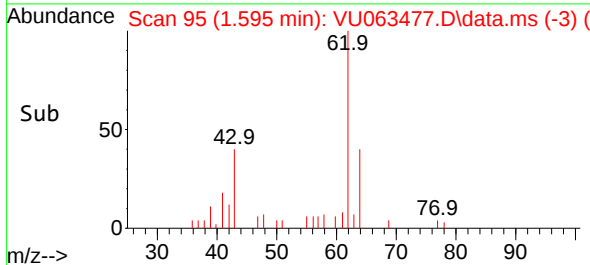
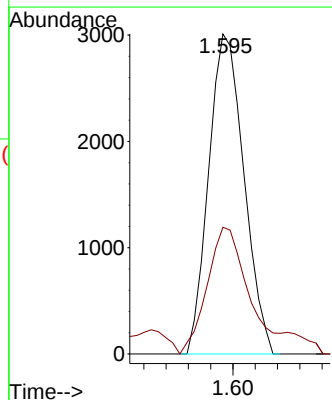
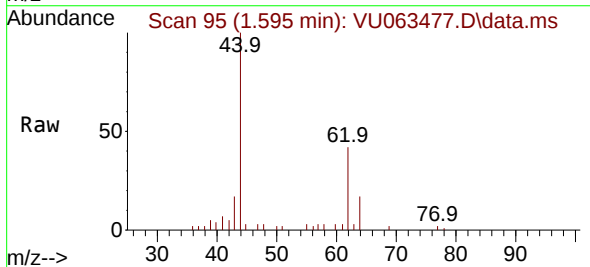
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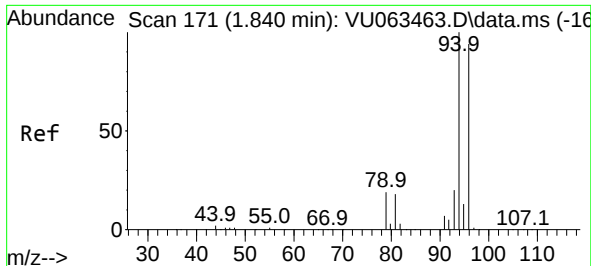
Tgt Ion: 50 Resp: 3012
Ion Ratio Lower Upper
50 100
52 34.4 25.8 38.8



#4
Vinyl Chloride
Concen: 2.833 ug/l
RT: 1.595 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 62 Resp: 3300
Ion Ratio Lower Upper
62 100
64 39.6 26.9 40.3

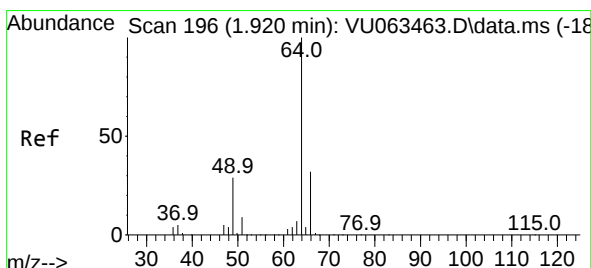
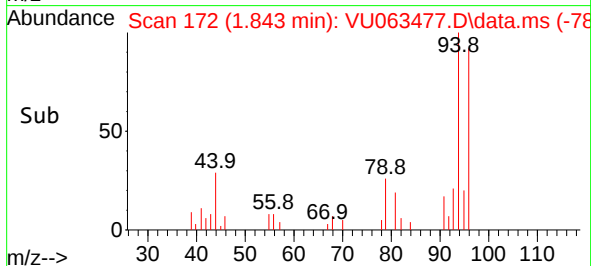
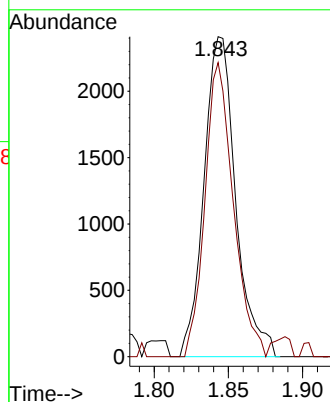
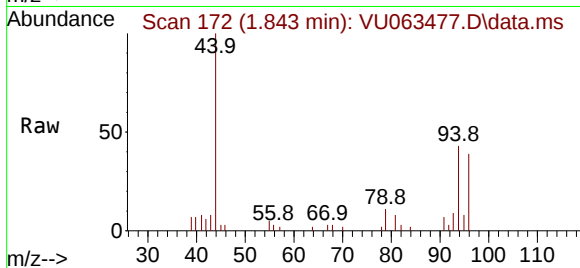




#5
Bromomethane
Concen: 4.383 ug/l
RT: 1.843 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

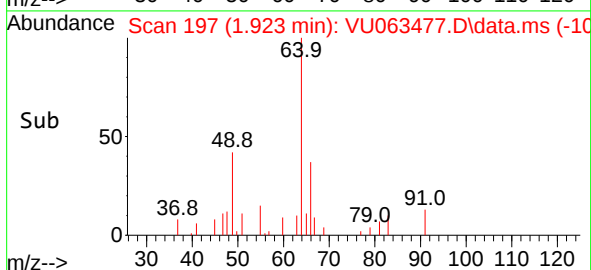
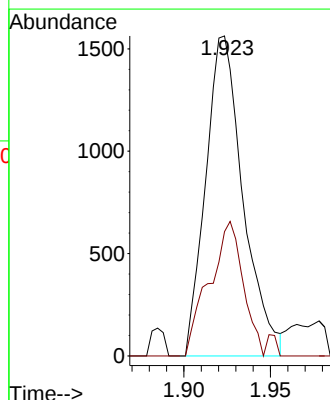
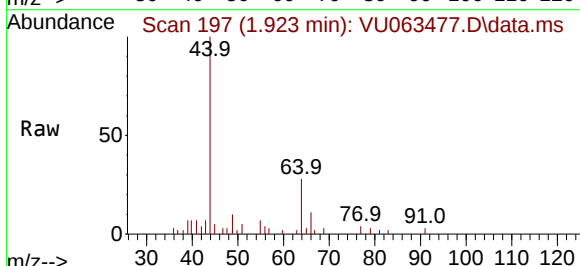
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 94 Resp: 3578
Ion Ratio Lower Upper
94 100
96 91.9 75.5 113.3



#6
Chloroethane
Concen: 2.777 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 64 Resp: 2344
Ion Ratio Lower Upper
64 100
66 38.8 25.3 37.9#

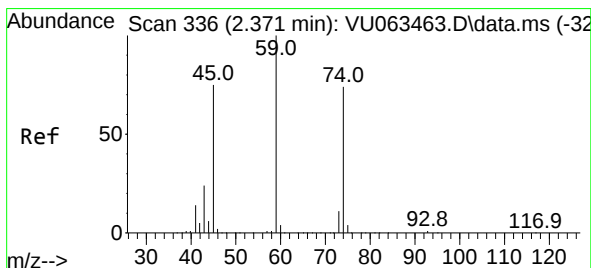
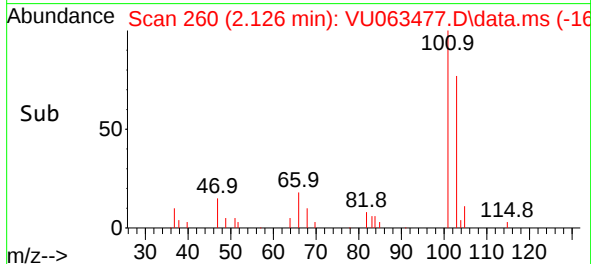
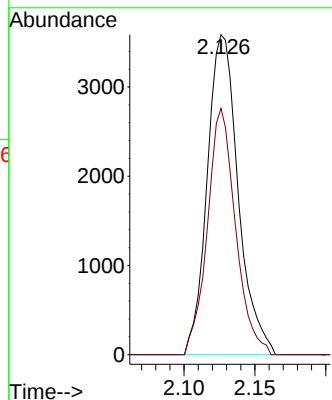
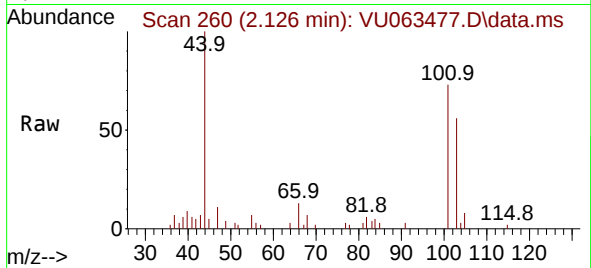




#7
 Trichlorofluoromethane
 Concen: 2.909 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VU063477.D
 Acq: 10 Jul 2025 13:45

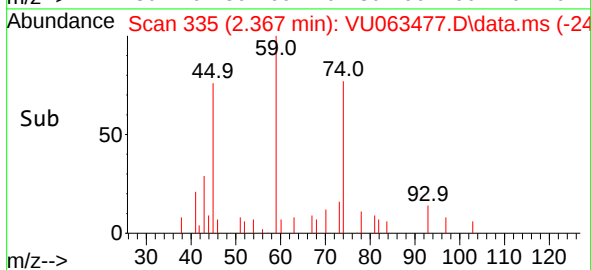
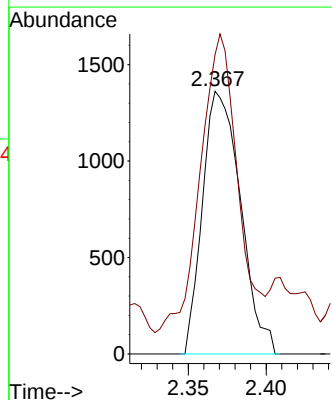
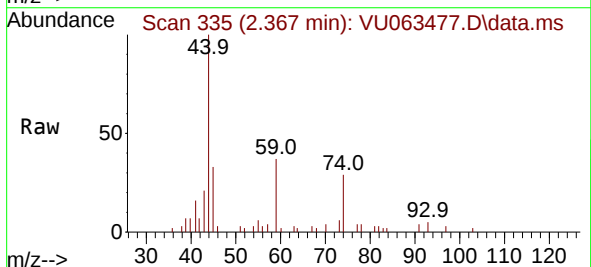
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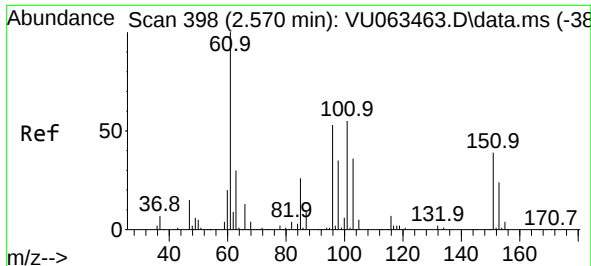
Tgt Ion:101 Resp: 5468
 Ion Ratio Lower Upper
 101 100
 103 76.9 51.1 76.7#



#8
 Diethyl Ether
 Concen: 2.945 ug/l
 RT: 2.367 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VU063477.D
 Acq: 10 Jul 2025 13:45

Tgt Ion: 74 Resp: 2307
 Ion Ratio Lower Upper
 74 100
 45 111.0 49.7 149.1

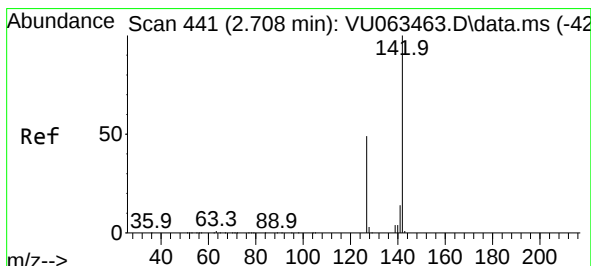
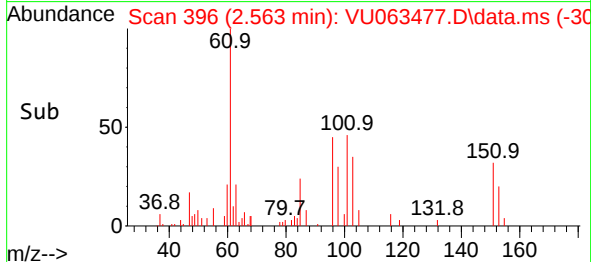
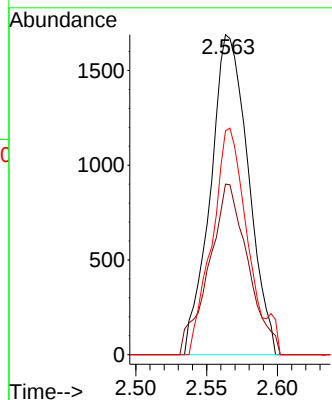
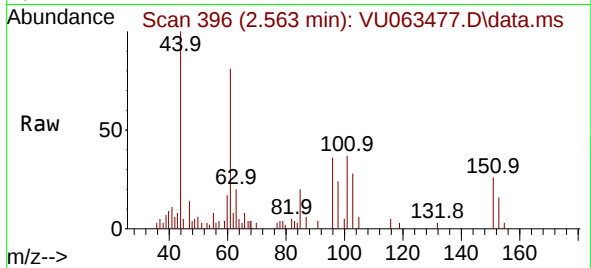




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.826 ug/l
RT: 2.563 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

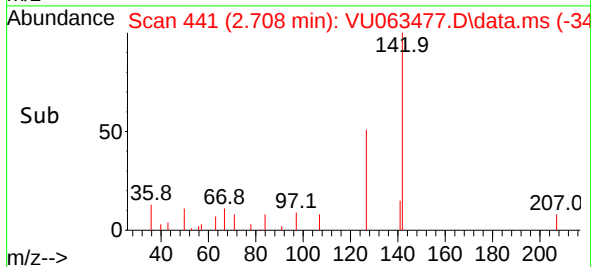
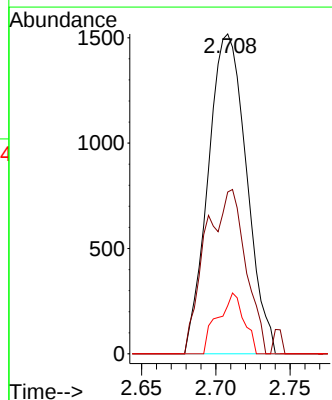
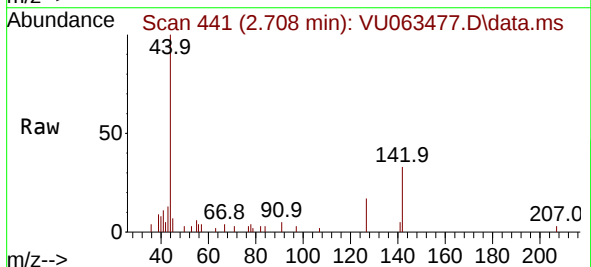
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MDL03

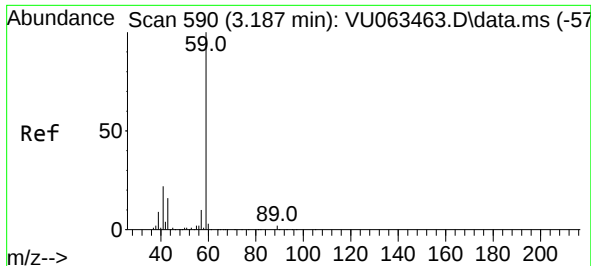
Tgt Ion:101 Resp: 3142
Ion Ratio Lower Upper
101 100
85 54.9 39.6 59.4
151 66.7 57.2 85.8



#10
Methyl Iodide
Concen: 2.347 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion:142 Resp: 2725
Ion Ratio Lower Upper
142 100
127 31.8 38.2 57.4#
141 13.1 11.1 16.7

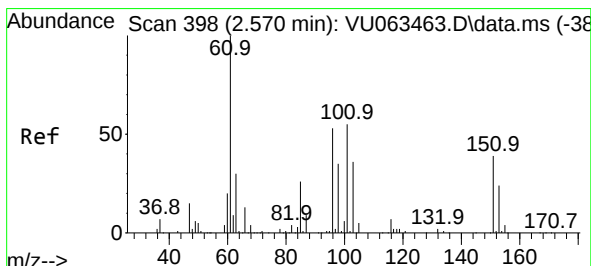
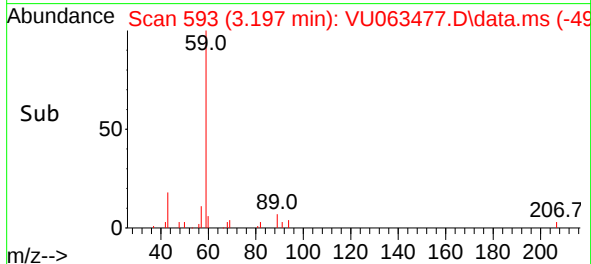
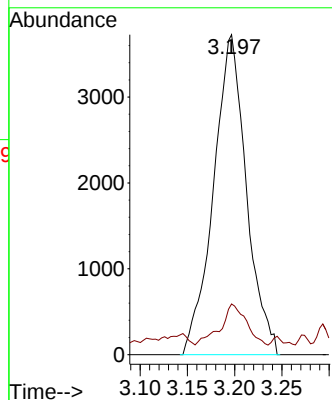
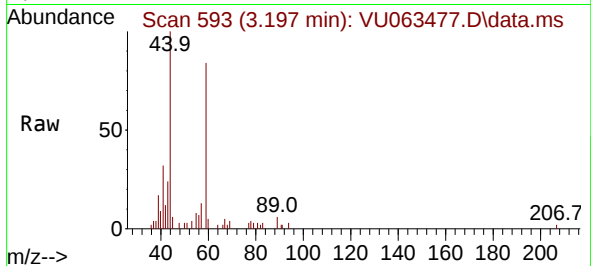




#11
Tert butyl alcohol
Concen: 19.434 ug/l
RT: 3.197 min Scan# 590
Delta R.T. 0.009 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

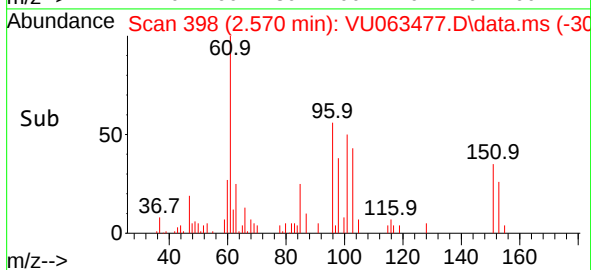
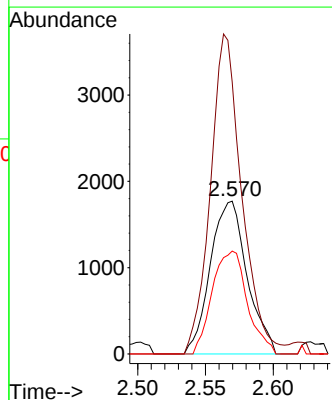
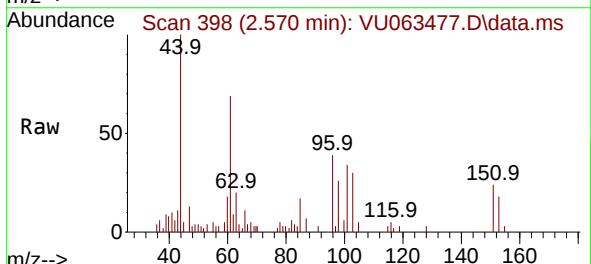
Instrument :
MSVOA_U
ClientSampleId :
MDL03

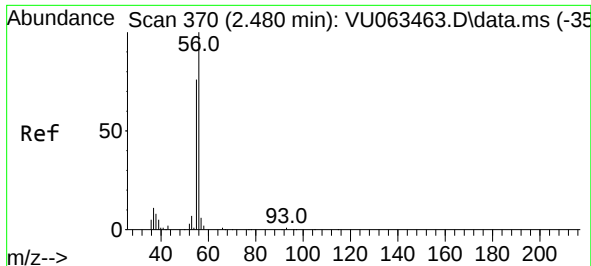
Tgt Ion: 59 Resp: 9017
Ion Ratio Lower Upper
59 100
57 10.1 8.8 13.2



#12
1,1-Dichloroethene
Concen: 3.225 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 96 Resp: 3337
Ion Ratio Lower Upper
96 100
61 178.0 149.6 224.4
98 67.3 52.0 78.0

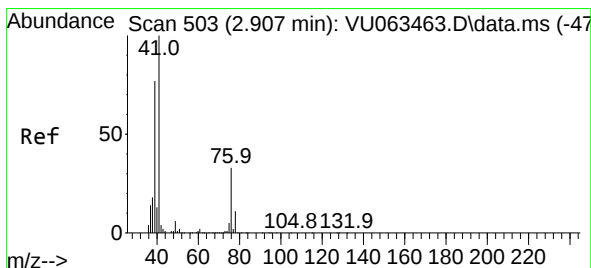
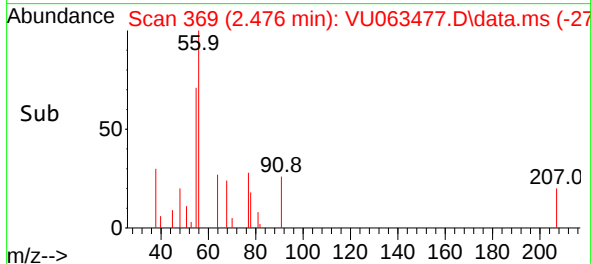
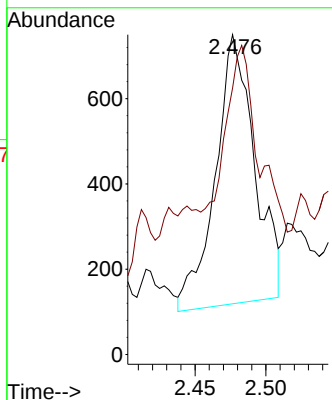
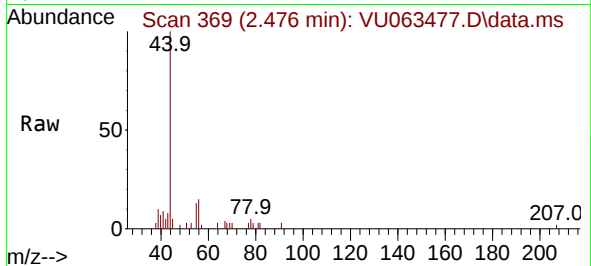




#13
Acrolein
Concen: 18.506 ug/l
RT: 2.476 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

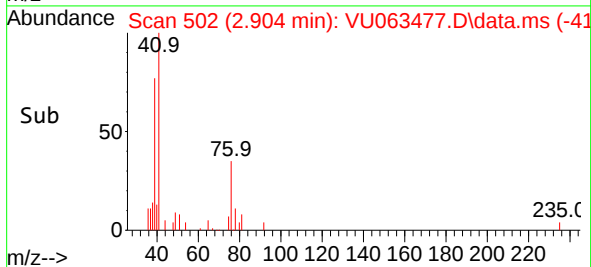
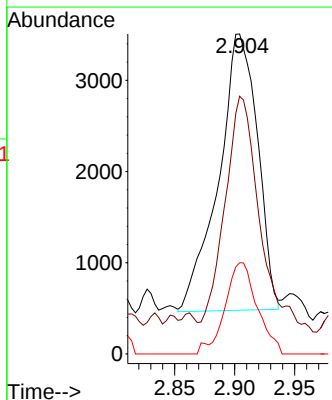
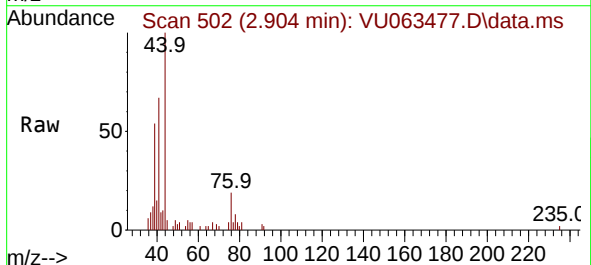
Instrument :
MSVOA_U
ClientSampleId :
MDL03

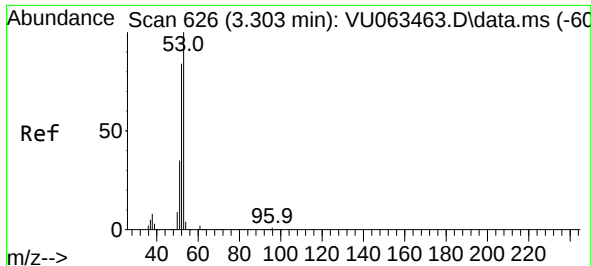
Tgt Ion: 56 Resp: 1212
Ion Ratio Lower Upper
56 100
55 55.6 60.2 90.2#



#14
Allyl chloride
Concen: 2.783 ug/l
RT: 2.904 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 41 Resp: 6854
Ion Ratio Lower Upper
41 100
39 76.8 53.9 80.9
76 27.3 23.1 34.7

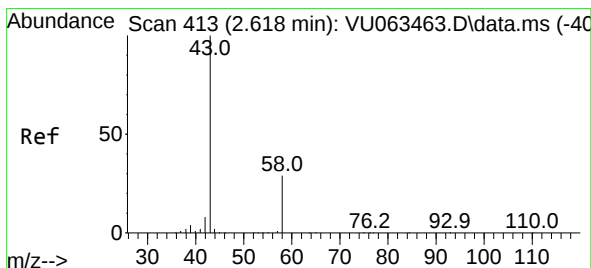
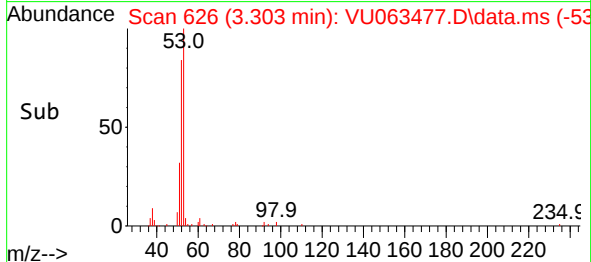
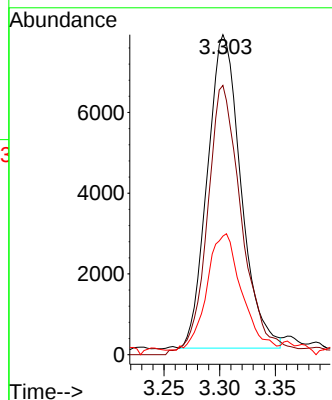
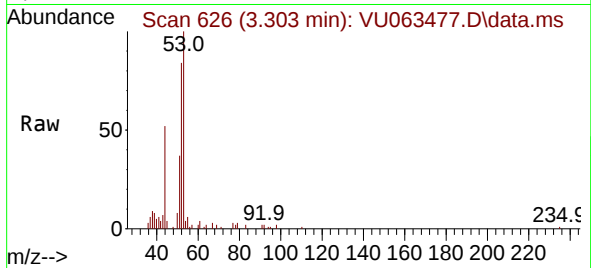




#15
Acrylonitrile
Concen: 16.365 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

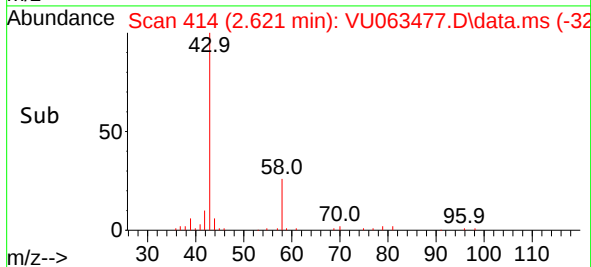
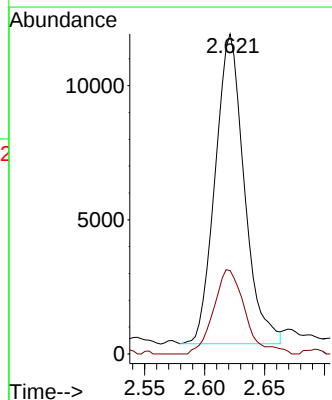
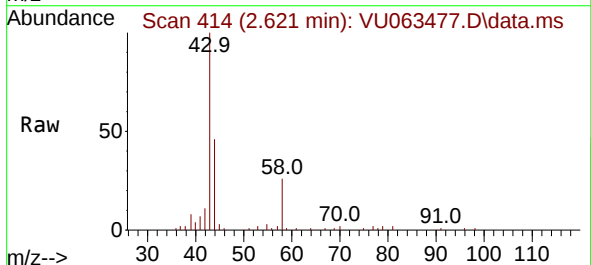
Instrument :
MSVOA_U
ClientSampleId :
MDL03

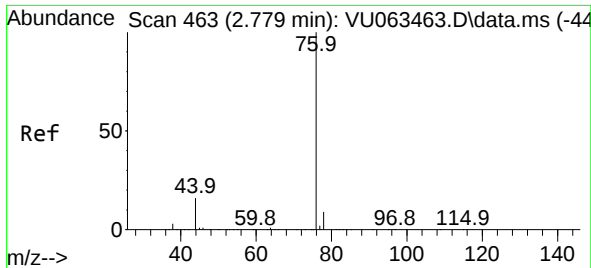
Tgt Ion:	53	Resp:	16265
Ion	Ratio	Lower	Upper
53	100		
52	88.4	65.0	97.4
51	38.5	28.8	43.2



#16
Acetone
Concen: 16.734 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion:	43	Resp:	19426
Ion	Ratio	Lower	Upper
43	100		
58	26.9	23.1	34.7

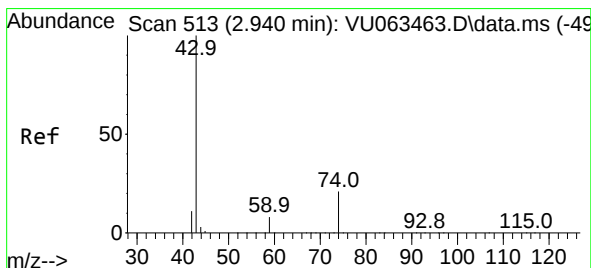
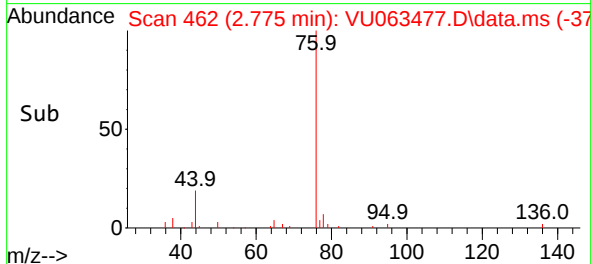
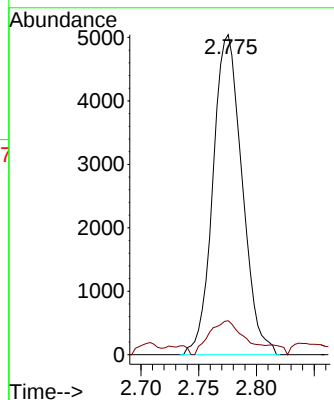
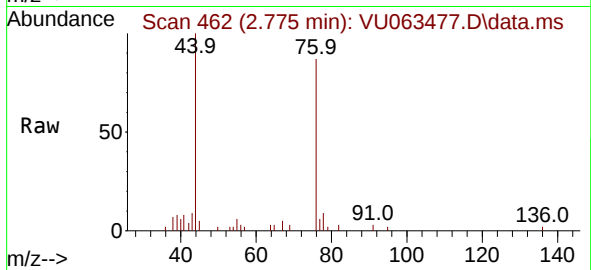




#17
Carbon Disulfide
Concen: 3.578 ug/l
RT: 2.775 min Scan# 41
Delta R.T. -0.004 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

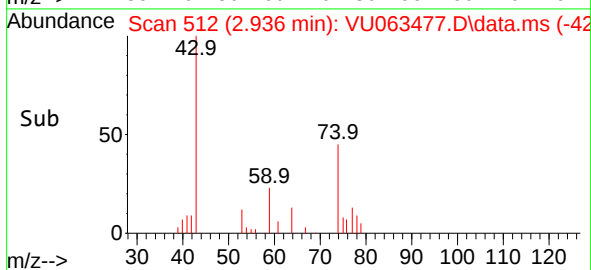
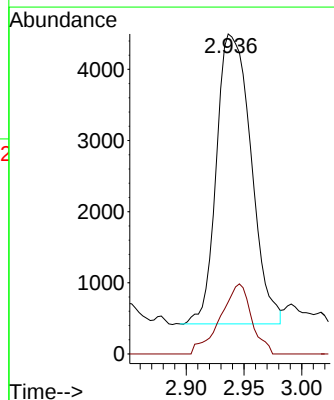
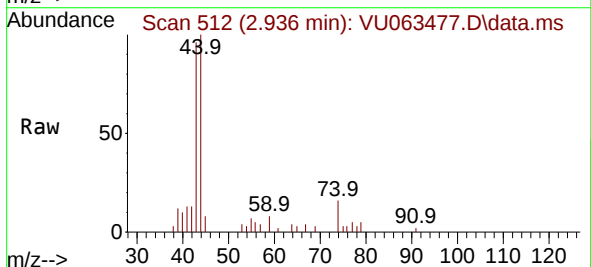
Instrument :
MSVOA_U
ClientSampleId :
MDL03

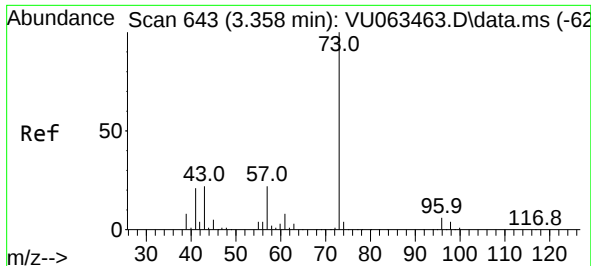
Tgt Ion: 76 Resp: 8851
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3



#18
Methyl Acetate
Concen: 2.833 ug/l
RT: 2.936 min Scan# 512
Delta R.T. -0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 43 Resp: 8463
Ion Ratio Lower Upper
43 100
74 21.9 17.3 25.9

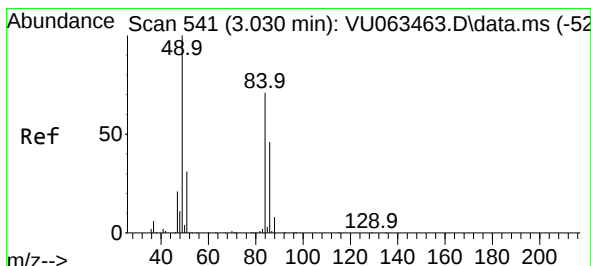
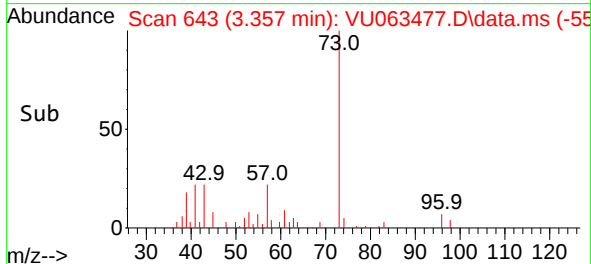
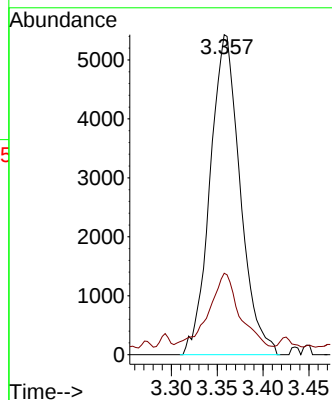
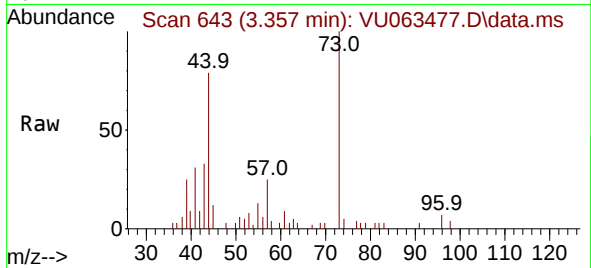




#19
Methyl tert-butyl Ether
Concen: 2.776 ug/l
RT: 3.357 min Scan# 64
Delta R.T. -0.001 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

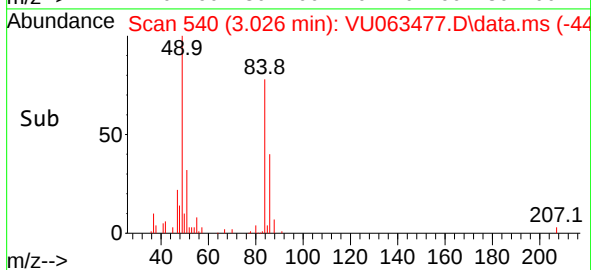
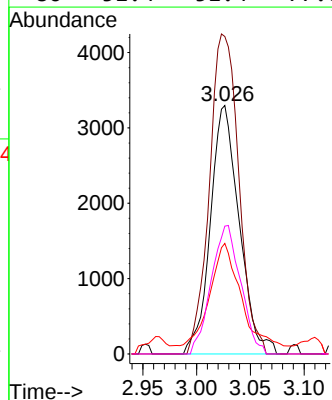
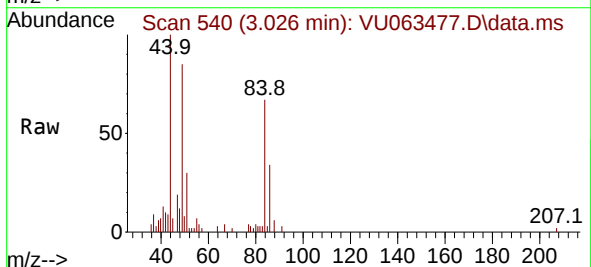
Instrument :
MSVOA_U
ClientSampleId :
MDL03

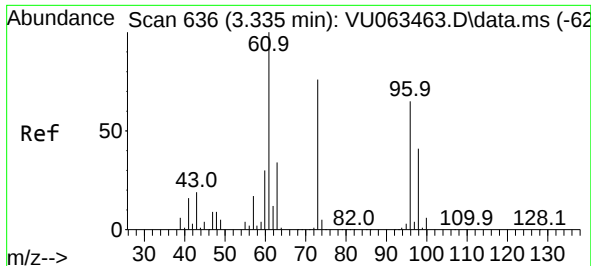
Tgt Ion: 73 Resp: 12391
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.6



#20
Methylene Chloride
Concen: 3.634 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 84 Resp: 6151
Ion Ratio Lower Upper
84 100
49 127.7 112.1 168.1
51 41.1 34.4 51.6
86 51.4 51.4 77.0

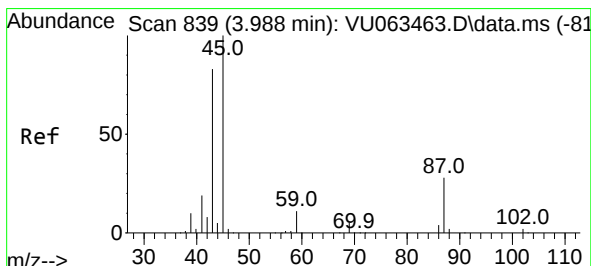
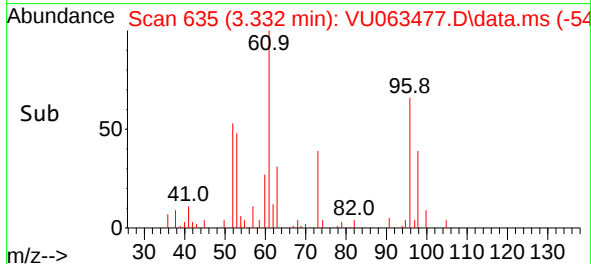
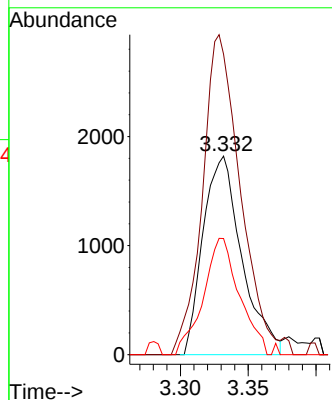
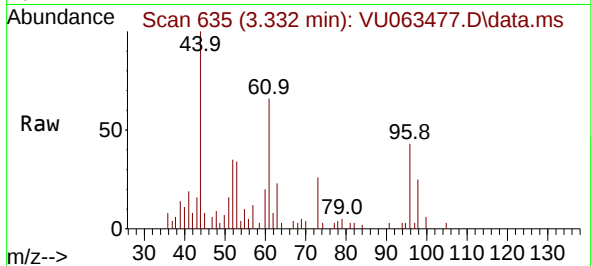




#21
trans-1,2-Dichloroethene
Concen: 3.253 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

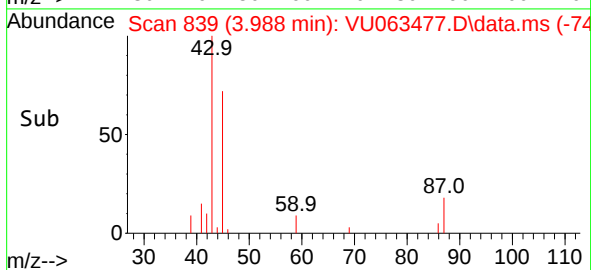
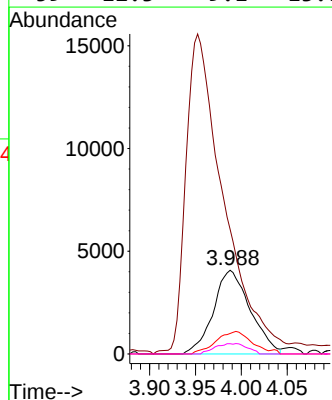
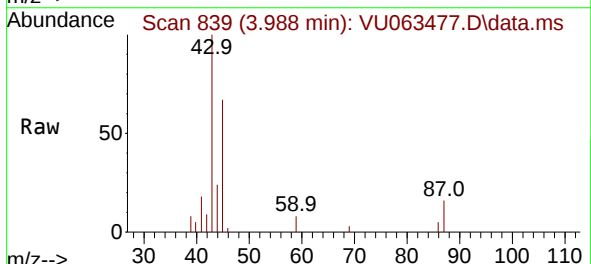
Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 96 Resp: 3617
Ion Ratio Lower Upper
96 100
61 144.2 122.2 183.4
98 58.5 49.9 74.9



#22
Diisopropyl ether
Concen: 2.713 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 45 Resp: 11378
Ion Ratio Lower Upper
45 100
43 131.8 66.5 99.7#
87 24.5 22.6 33.8
59 12.3 9.1 13.7

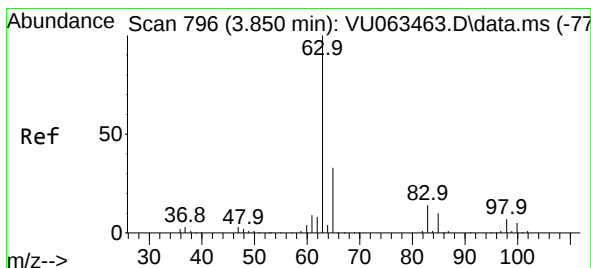
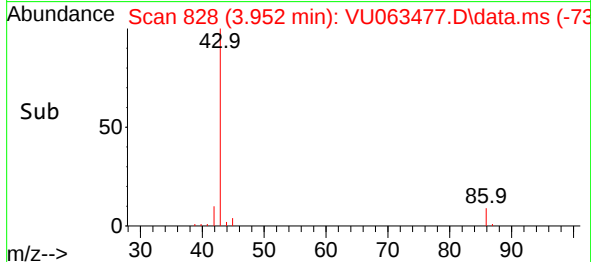
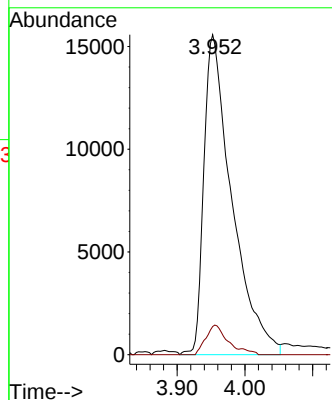
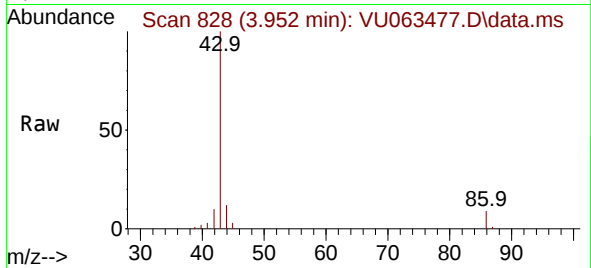




#23
 Vinyl Acetate
 Concen: 13.744 ug/l
 RT: 3.952 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VU063477.D
 Acq: 10 Jul 2025 13:45

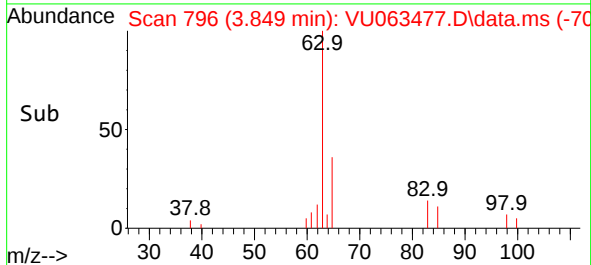
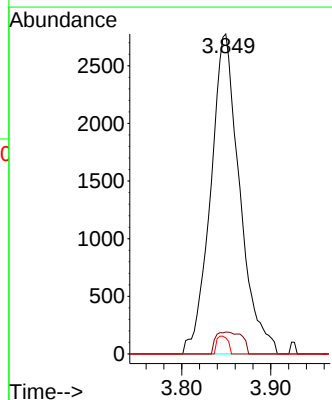
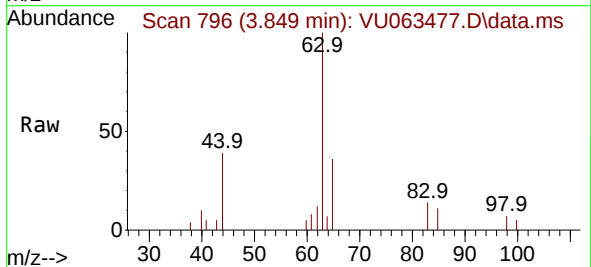
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

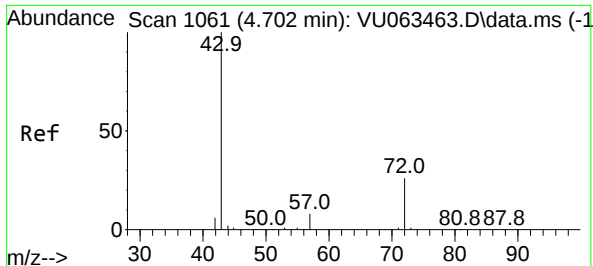
Tgt Ion: 43 Resp: 44729
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 2.643 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063477.D
 Acq: 10 Jul 2025 13:45

Tgt Ion: 63 Resp: 6290
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 5.0 2.3 6.8





#25

2-Butanone

Concen: 14.220 ug/l

RT: 4.718 min Scan# 1066

Delta R.T. 0.016 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Instrument :

MSVOA_U

ClientSampleId :

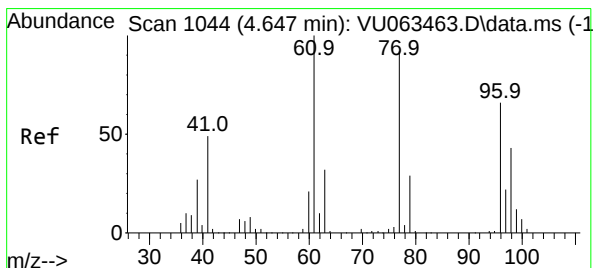
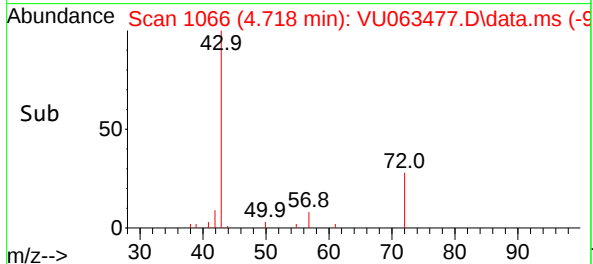
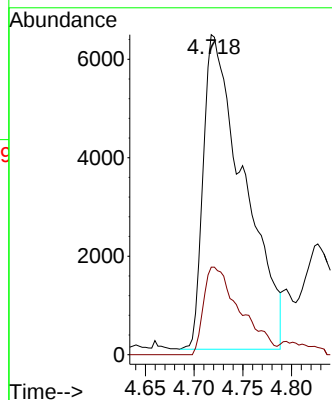
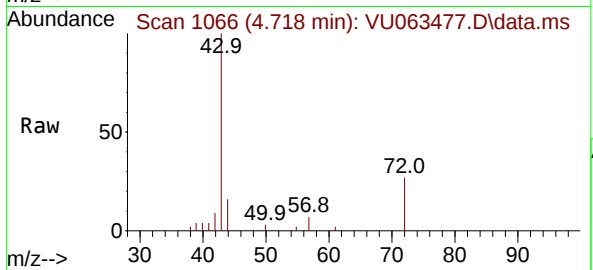
MDL03

Tgt Ion: 43 Resp: 18531

Ion Ratio Lower Upper

43 100

72 27.8 20.7 31.1



#26

2,2-Dichloropropane

Concen: 2.523 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063477.D

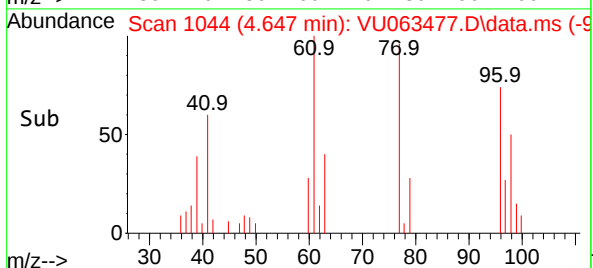
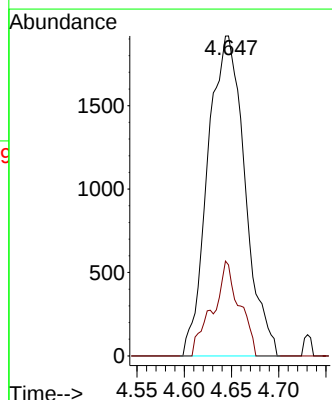
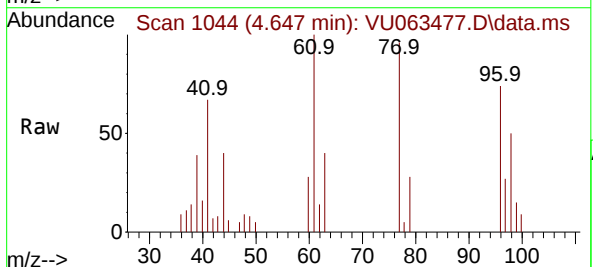
Acq: 10 Jul 2025 13:45

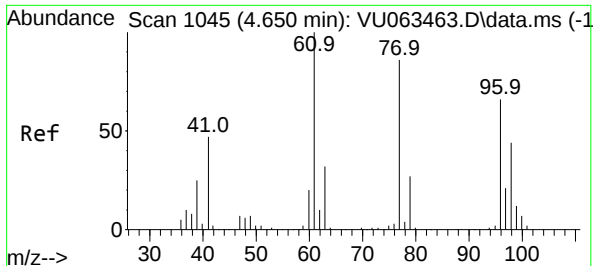
Tgt Ion: 77 Resp: 5225

Ion Ratio Lower Upper

77 100

97 21.3 11.8 35.3

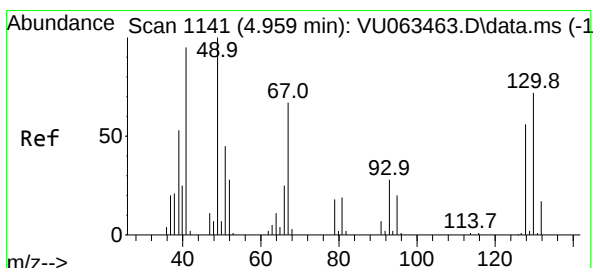
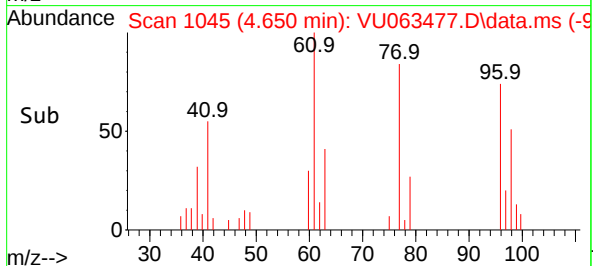
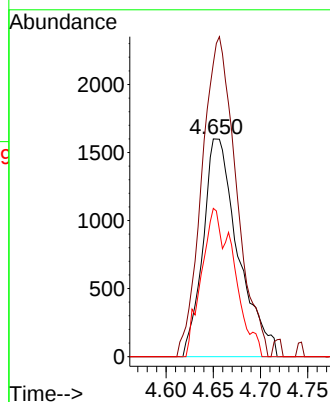
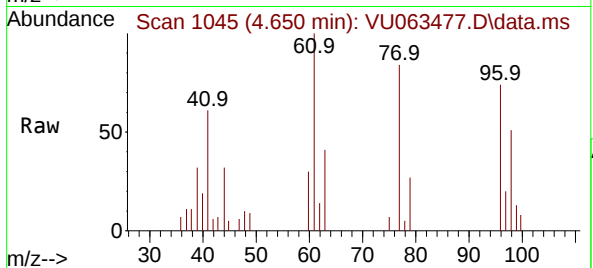




#27
 cis-1,2-Dichloroethene
 Concen: 2.804 ug/l
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.000 min
 Lab File: VU063477.D
 Acq: 10 Jul 2025 13:45

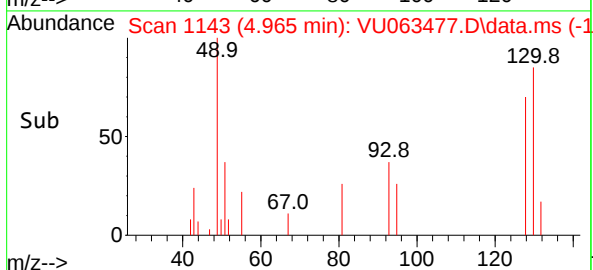
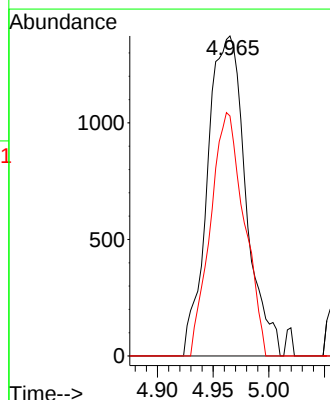
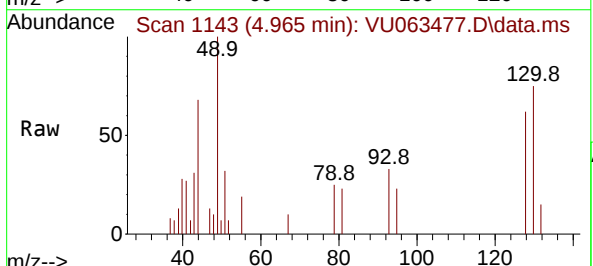
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

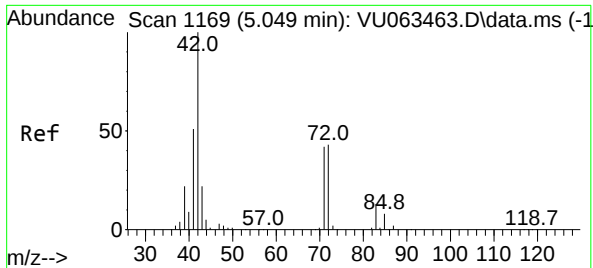
Tgt Ion: 96	Resp: 4115
Ion Ratio	Lower Upper
96 100	
61 144.6	0.0 307.2
98 38.8	0.0 133.0



#28
 Bromochloromethane
 Concen: 2.946 ug/l
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VU063477.D
 Acq: 10 Jul 2025 13:45

Tgt Ion: 49	Resp: 3294
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 66.7	59.0 88.4

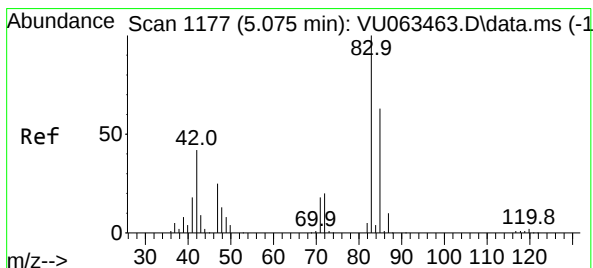
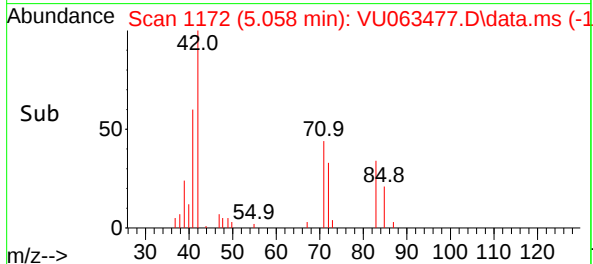
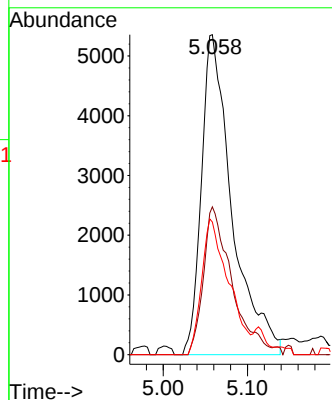
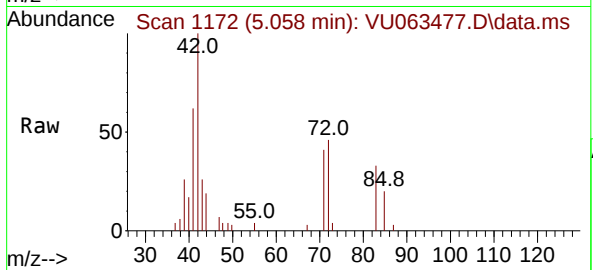




#29
Tetrahydrofuran
Concen: 16.446 ug/l
RT: 5.058 min Scan# 1172
Delta R.T. 0.009 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

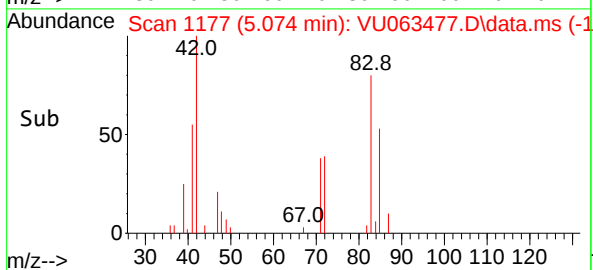
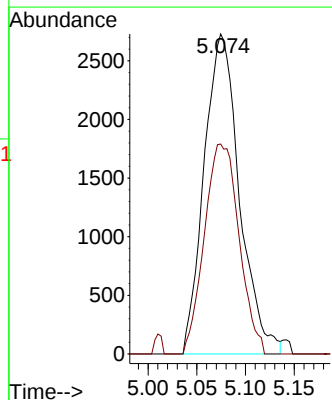
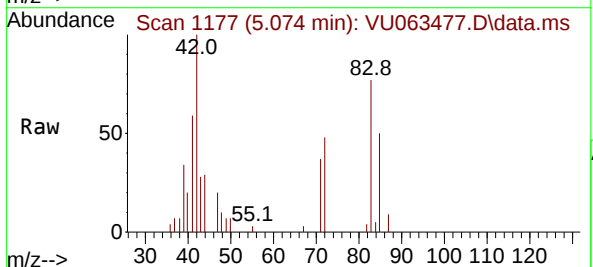
Instrument :
MSVOA_U
ClientSampleId :
MDL03

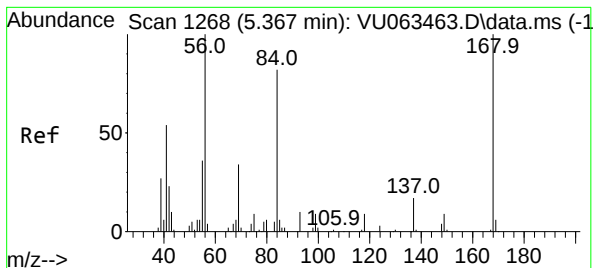
Tgt Ion:	42	Resp:	13520
Ion	Ratio	Lower	Upper
42	100		
72	42.8	36.2	54.4
71	37.2	33.3	49.9



#30
Chloroform
Concen: 2.741 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion:	83	Resp:	6888
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.7	76.1





#31

Cyclohexane

Concen: 4.234 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.010 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL03

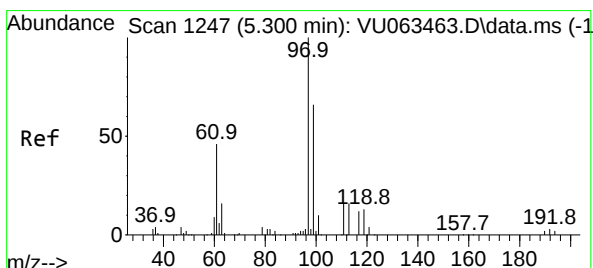
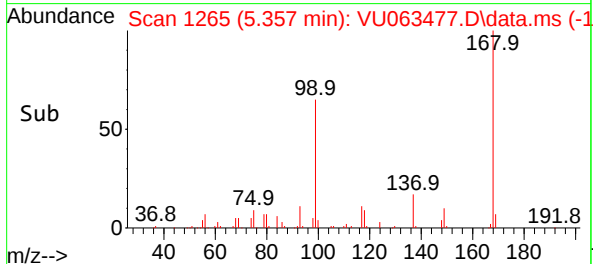
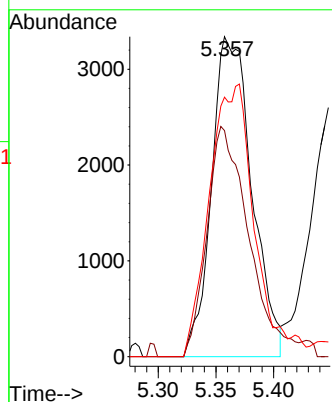
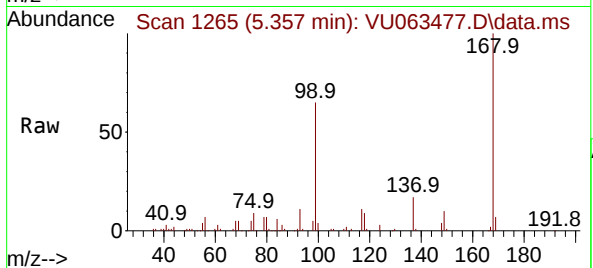
Tgt Ion: 56 Resp: 8102

Ion Ratio Lower Upper

56 100

69 70.7 27.0 40.4#

84 81.1 65.7 98.5



#32

1,1,1-Trichloroethane

Concen: 2.747 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

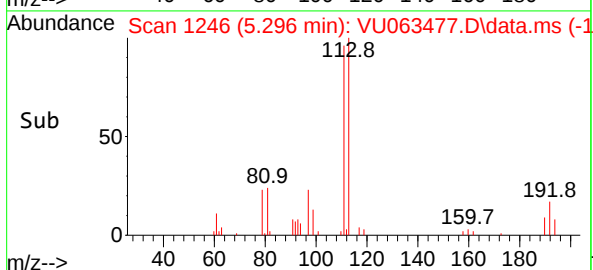
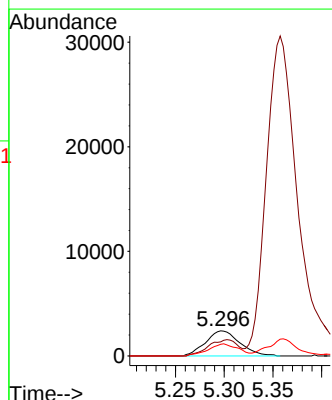
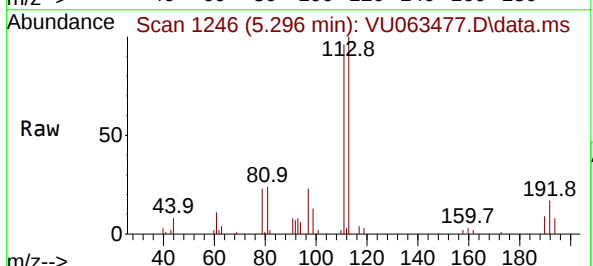
Tgt Ion: 97 Resp: 5877

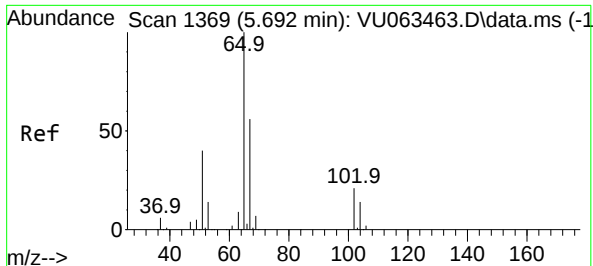
Ion Ratio Lower Upper

97 100

99 55.3 50.4 75.6

61 41.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 52.118 ug/l

RT: 5.692 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Instrument :

MSVOA_U

ClientSampleId :

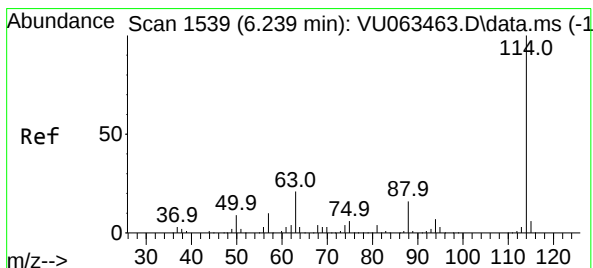
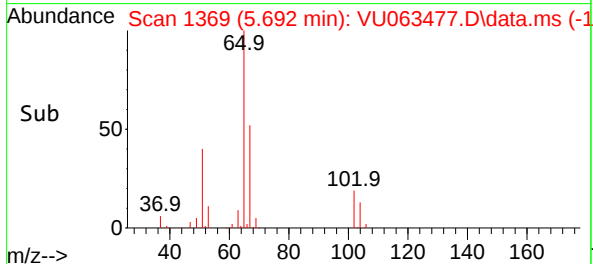
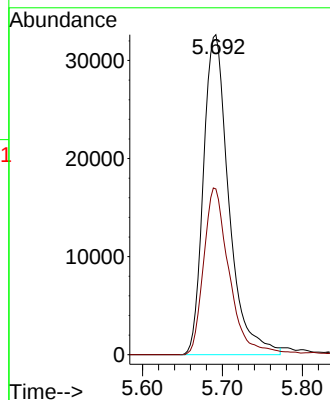
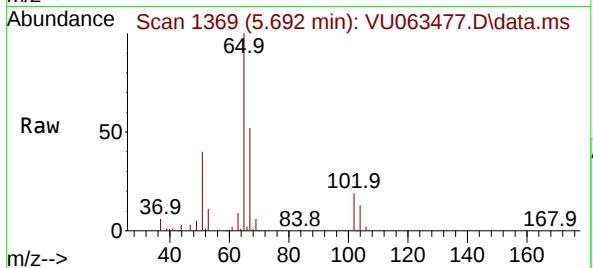
MDL03

Tgt Ion: 65 Resp: 72124

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.235 min Scan# 1538

Delta R.T. -0.003 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

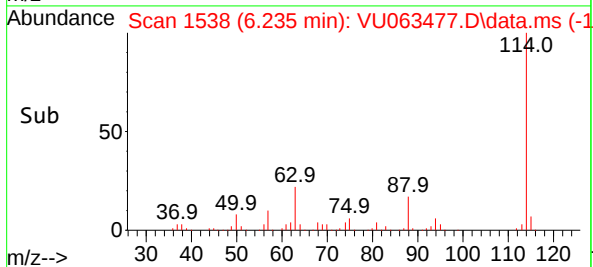
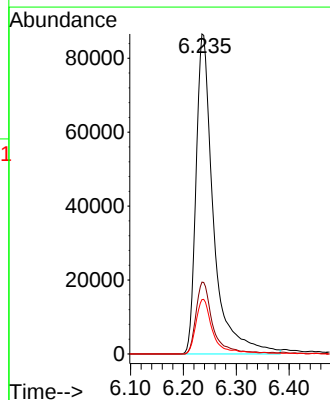
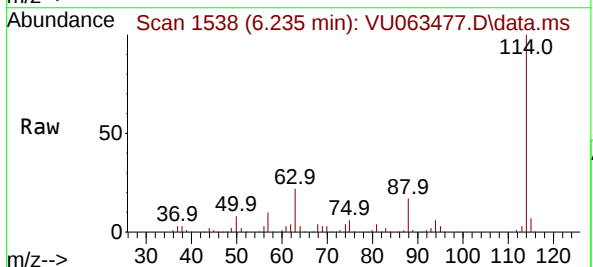
Tgt Ion: 114 Resp: 198442

Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.6

88 17.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 47.204 ug/l

RT: 5.274 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL03

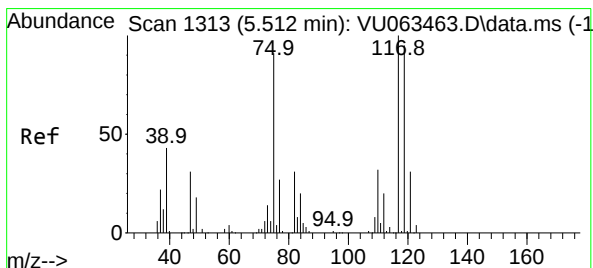
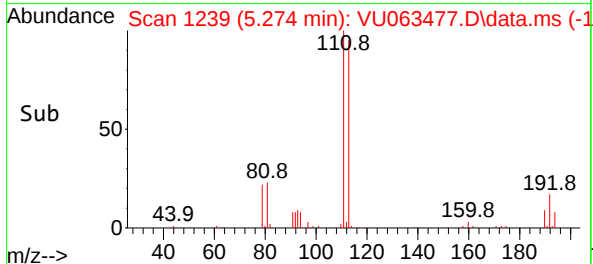
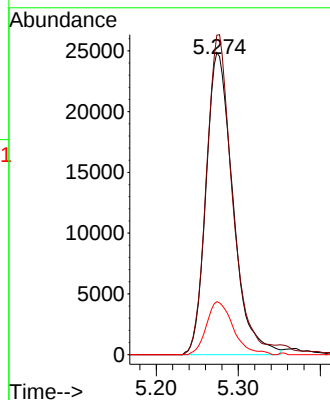
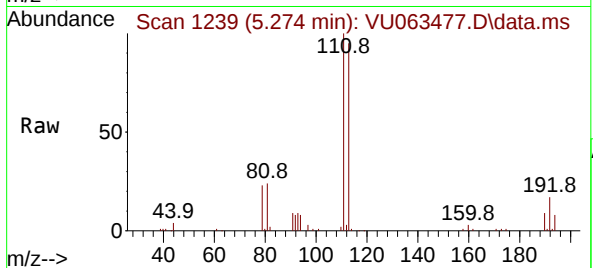
Tgt Ion:113 Resp: 56464

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

192 17.5 14.3 21.5



#36

1,1-Dichloropropene

Concen: 2.673 ug/l

RT: 5.515 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

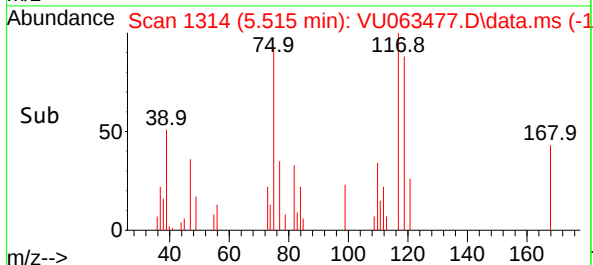
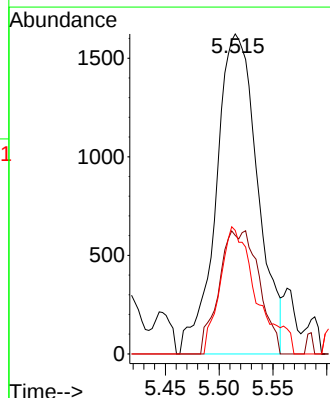
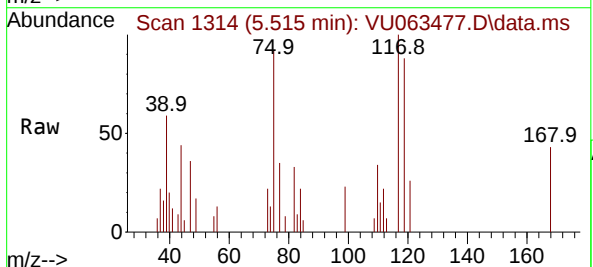
Tgt Ion: 75 Resp: 4344

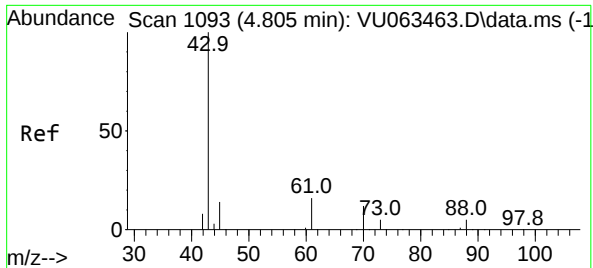
Ion Ratio Lower Upper

75 100

110 19.2 17.3 52.0

77 35.1 23.9 35.9





#37

Ethyl Acetate

Concen: 1.781 ug/l

RT: 4.827 min Scan# 1100

Delta R.T. 0.022 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL03

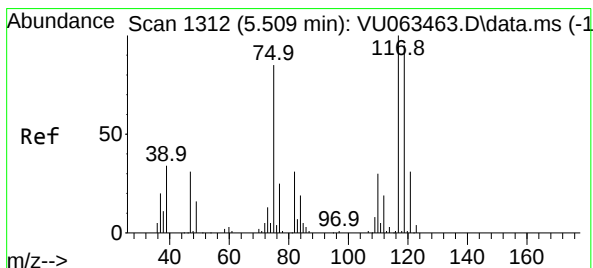
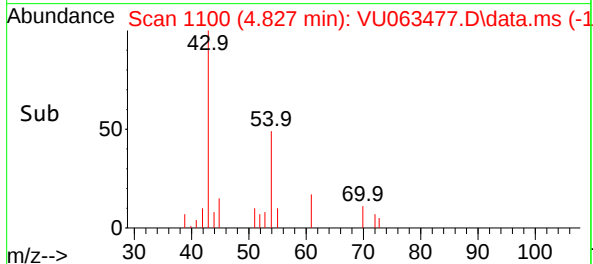
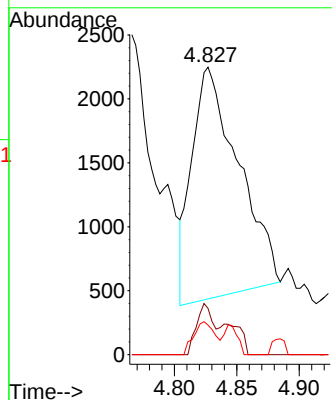
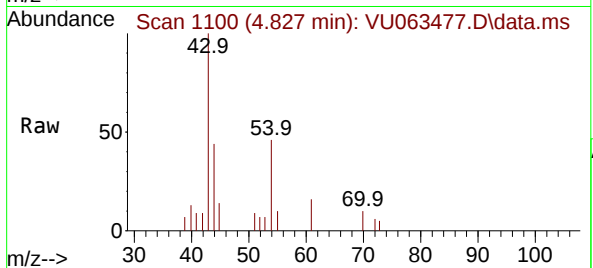
Tgt Ion: 43 Resp: 4689

Ion Ratio Lower Upper

43 100

61 7.8 10.4 15.6#

70 6.5 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.535 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. 0.003 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

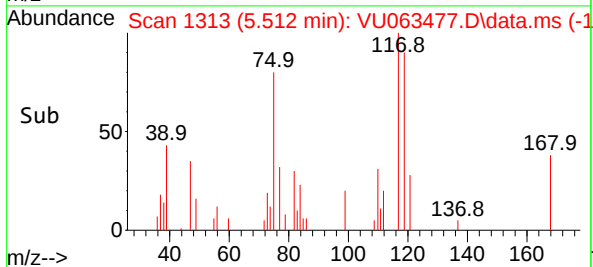
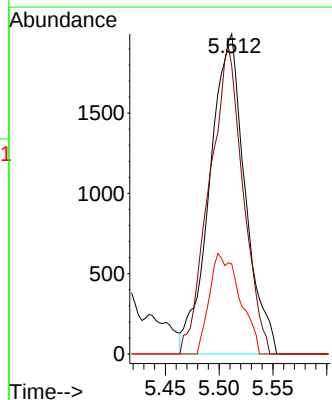
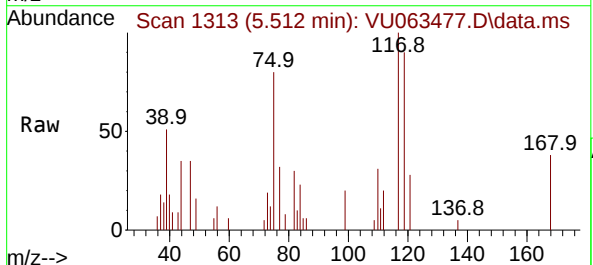
Tgt Ion: 117 Resp: 4540

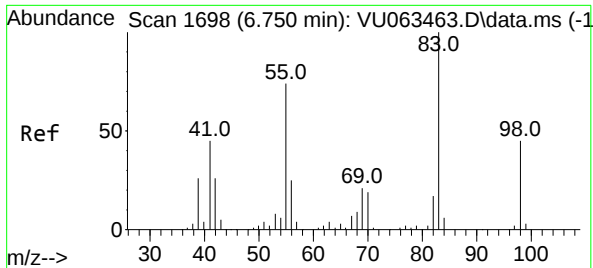
Ion Ratio Lower Upper

117 100

119 90.1 76.1 114.1

121 28.1 25.0 37.4





#39

Methylcyclohexane

Concen: 2.899 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

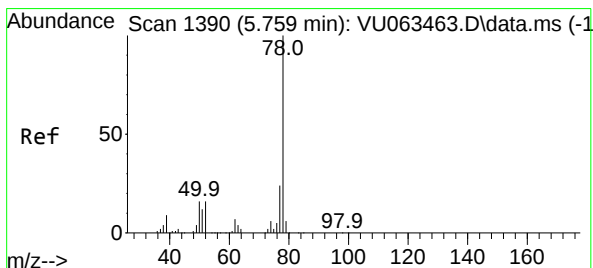
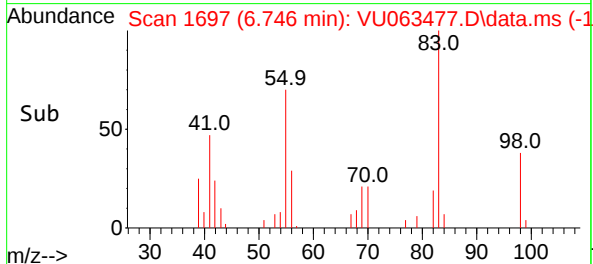
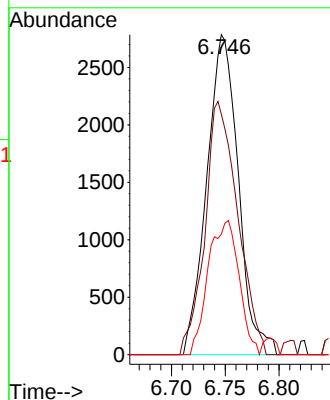
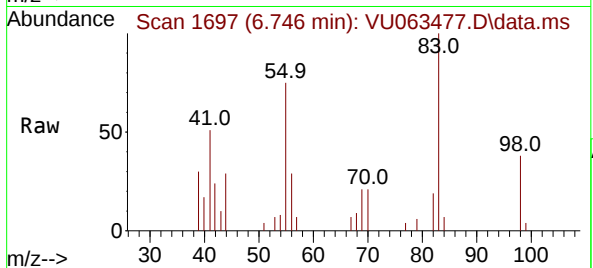
Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 83	Resp: 5694
Ion Ratio	Lower Upper
83 100	
55 75.2	59.4 89.2
98 37.6	36.2 54.4



#40

Benzene

Concen: 2.517 ug/l

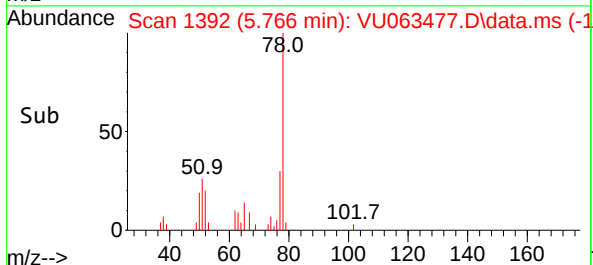
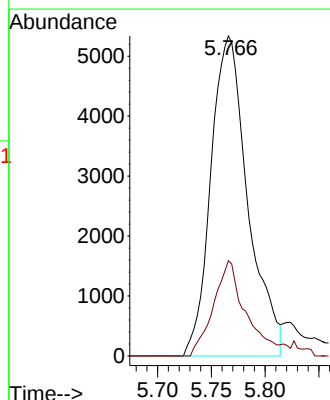
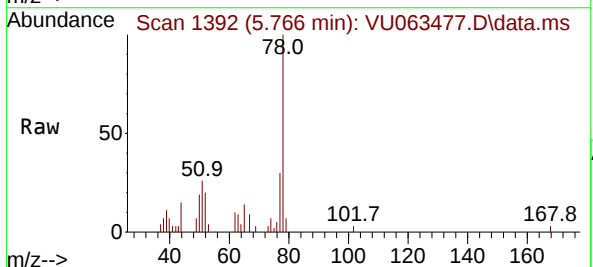
RT: 5.766 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Tgt Ion: 78	Resp: 12775		
Ion Ratio	Lower	Upper	
78 100			
77 29.7	19.0	28.4#	



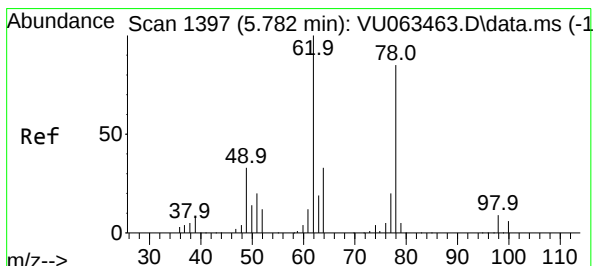
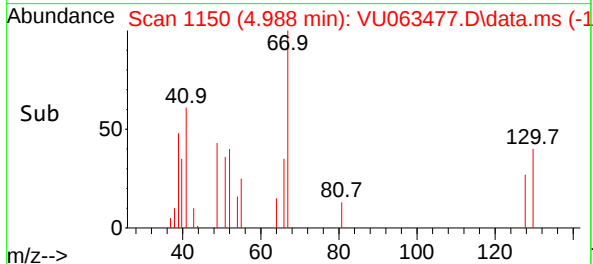
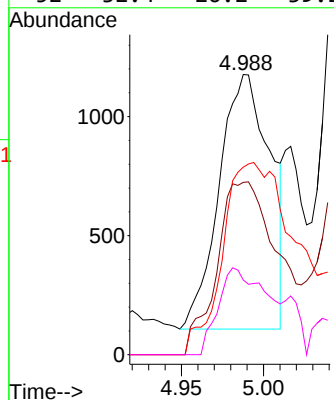
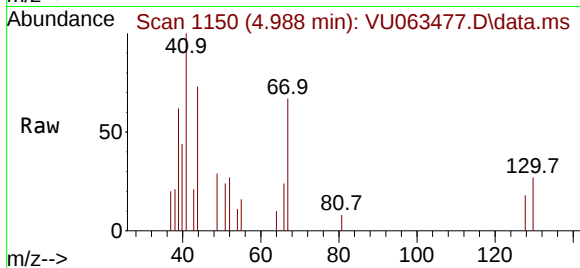


#41
Methacrylonitrile
Concen: 1.857 ug/l
RT: 4.988 min Scan# 1143
Delta R.T. 0.022 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 41 Resp: 2306

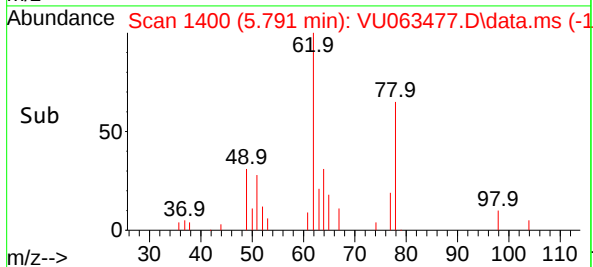
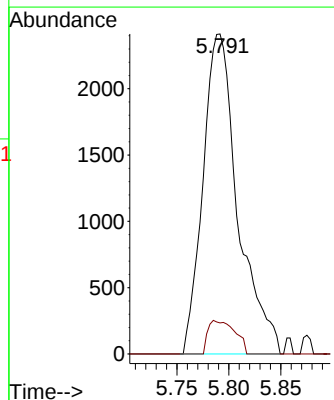
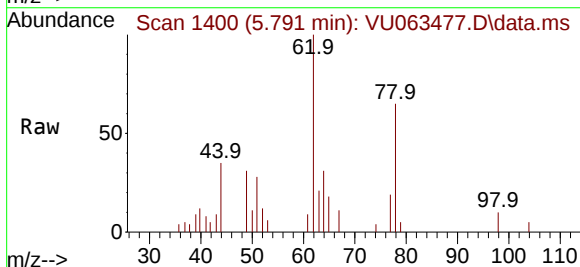
Ion	Ratio	Lower	Upper
41	100		
39	81.9	43.6	65.4#
67	122.3	62.8	94.2#
52	32.4	26.2	39.2

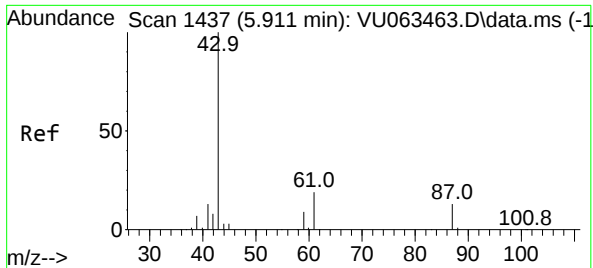


#42
1,2-Dichloroethane
Concen: 2.951 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.009 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 62 Resp: 5632

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.6

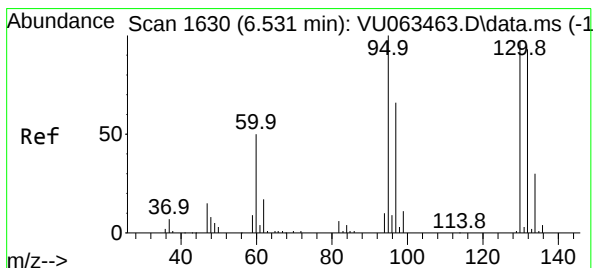
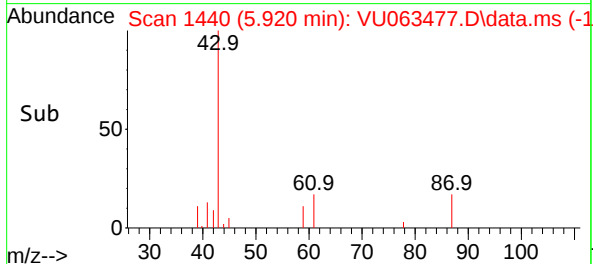
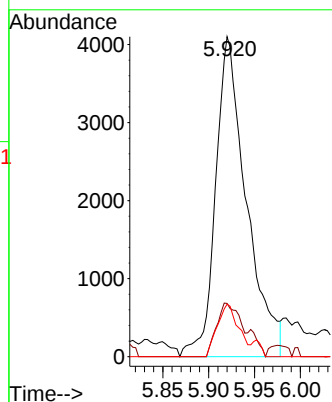
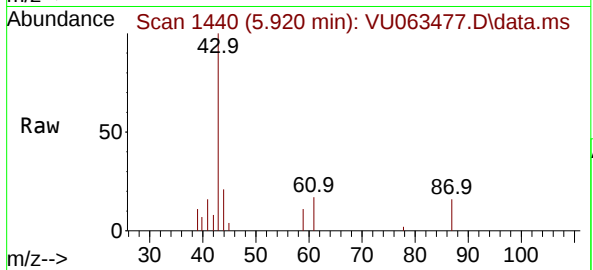




#43
Isopropyl Acetate
Concen: 2.727 ug/l
RT: 5.920 min Scan# 1437
Delta R.T. 0.009 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

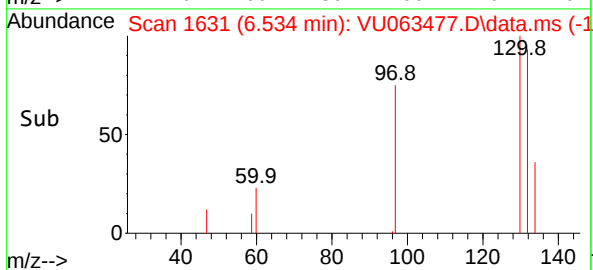
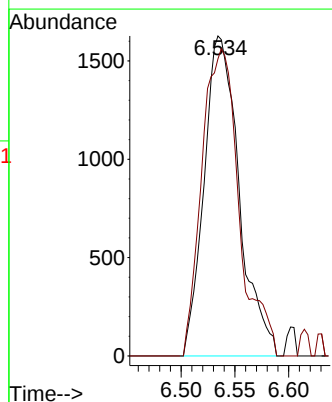
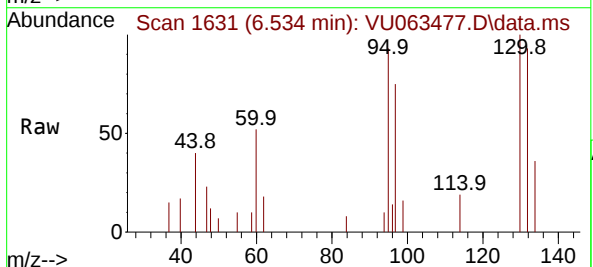
Instrument : MSVOA_U
ClientSampleId : MDL03

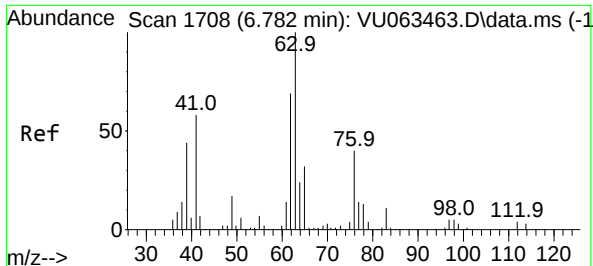
Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	15.4	23.2#
87	11.6	10.5	15.7



#44
Trichloroethene
Concen: 2.717 ug/l
RT: 6.534 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	206.4





#45

1,2-Dichloropropane

Concen: 2.740 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Instrument :

MSVOA_U

ClientSampleId :

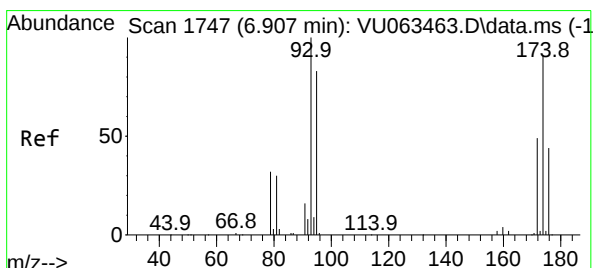
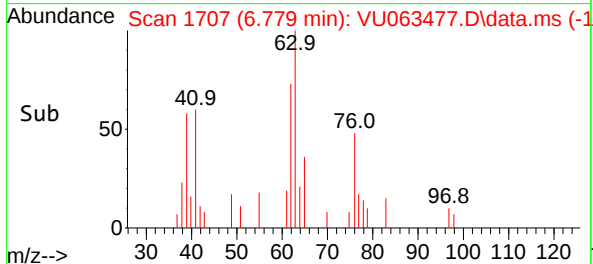
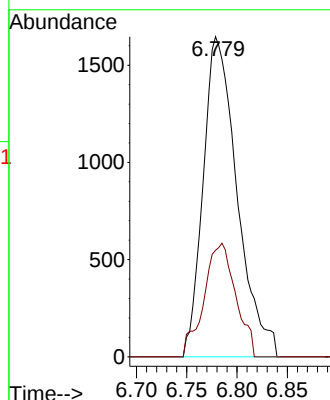
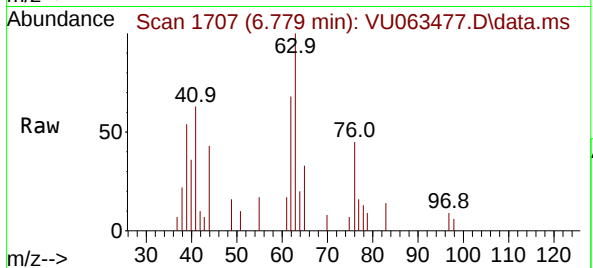
MDL03

Tgt Ion: 63 Resp: 3866

Ion Ratio Lower Upper

63 100

65 33.3 25.3 37.9



#46

Dibromomethane

Concen: 2.788 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

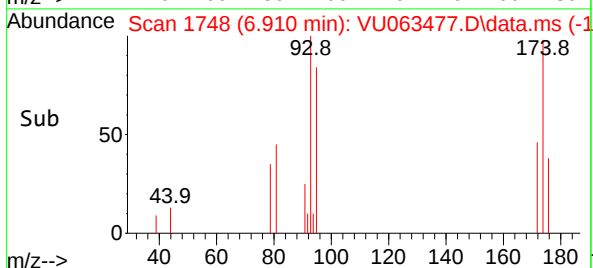
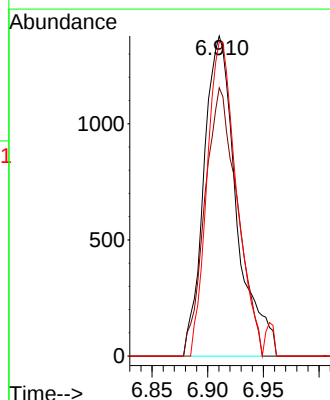
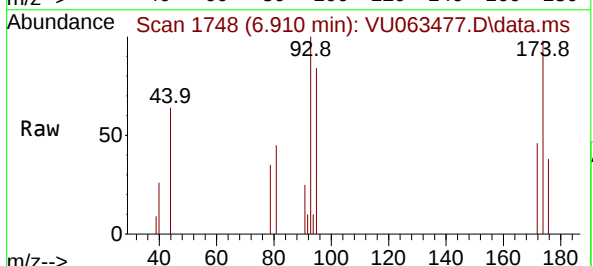
Tgt Ion: 93 Resp: 2799

Ion Ratio Lower Upper

93 100

95 83.9 67.5 101.3

174 88.9 73.1 109.7

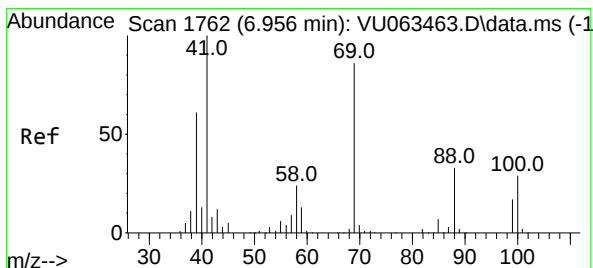
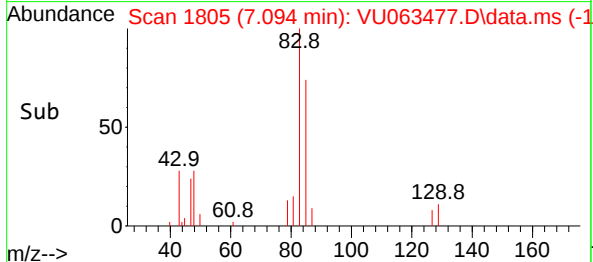
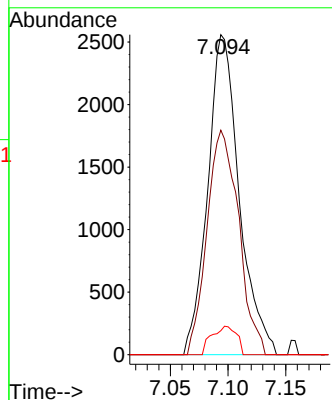
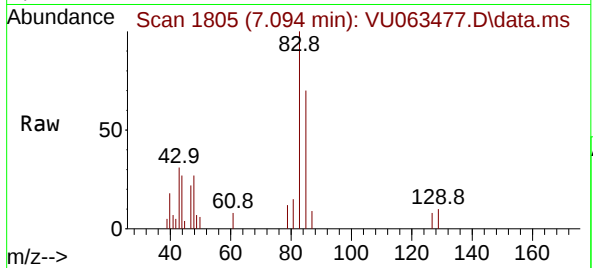




#47
Bromodichloromethane
Concen: 2.328 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

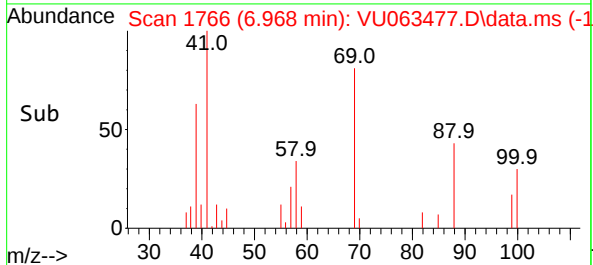
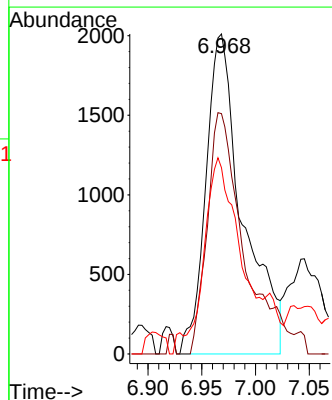
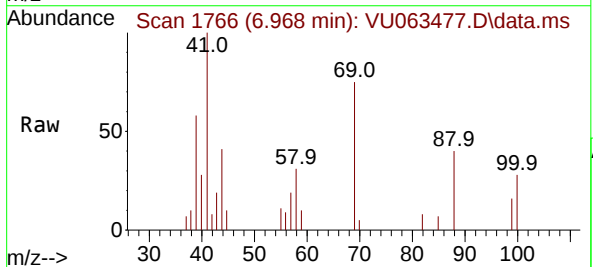
Instrument :
MSVOA_U
ClientSampleId :
MDL03

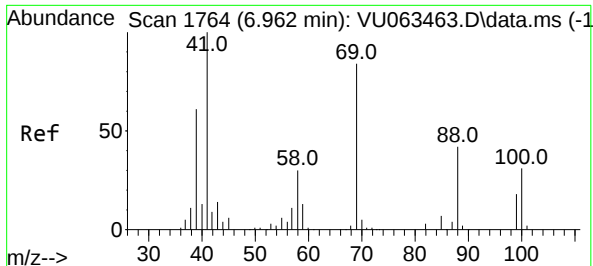
Tgt Ion: 83 Resp: 4860
Ion Ratio Lower Upper
83 100
85 70.1 51.4 77.0
127 7.5 7.0 10.4



#48
Methyl methacrylate
Concen: 2.975 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.013 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 41 Resp: 4807
Ion Ratio Lower Upper
41 100
69 74.7 69.8 104.8
39 48.5 48.3 72.5





#49

1,4-Dioxane

Concen: 31.951 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL03

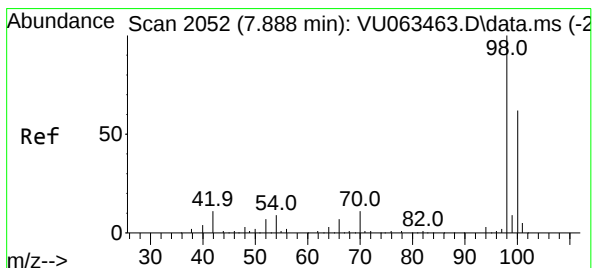
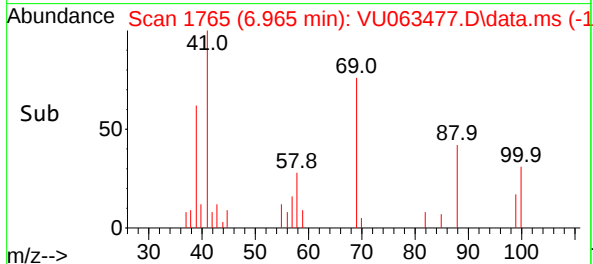
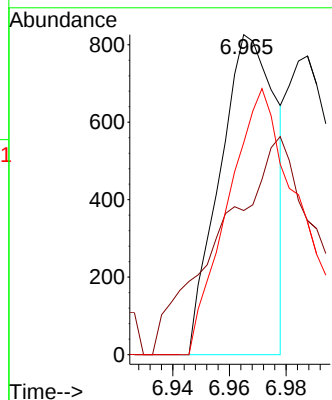
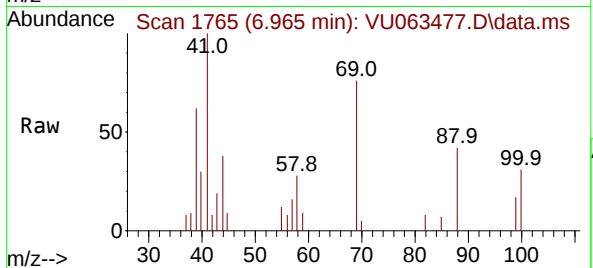
Tgt Ion: 88 Resp: 1133

Ion Ratio Lower Upper

88 100

43 121.9 25.6 38.4#

58 121.1 55.0 82.6#



#50

Toluene-d8

Concen: 45.671 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VU063477.D

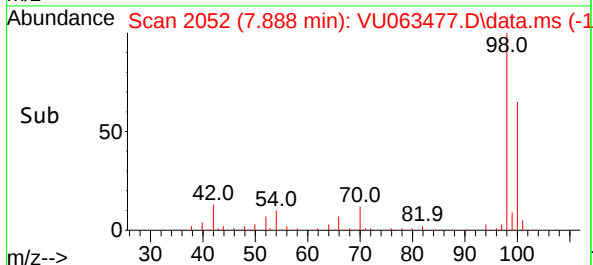
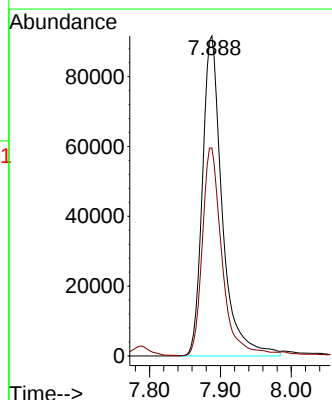
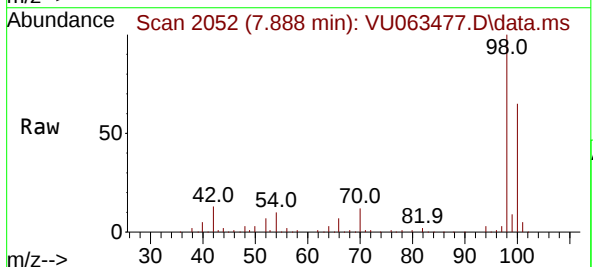
Acq: 10 Jul 2025 13:45

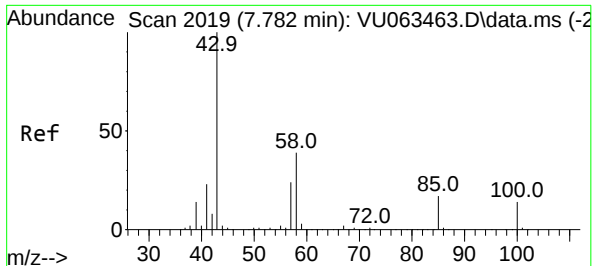
Tgt Ion: 98 Resp: 178079

Ion Ratio Lower Upper

98 100

100 64.2 48.1 72.1

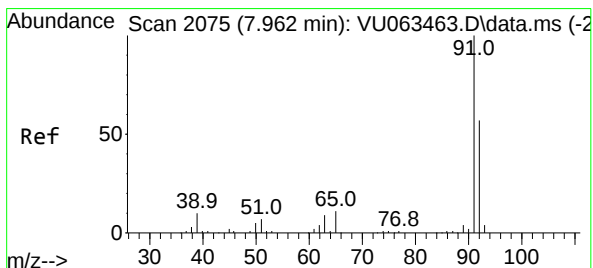
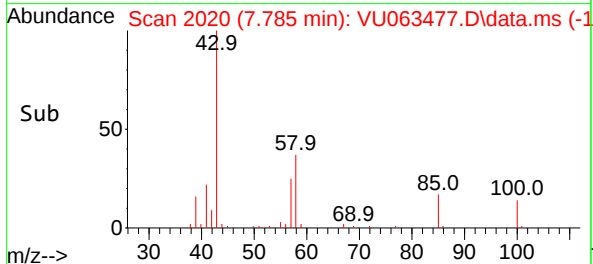
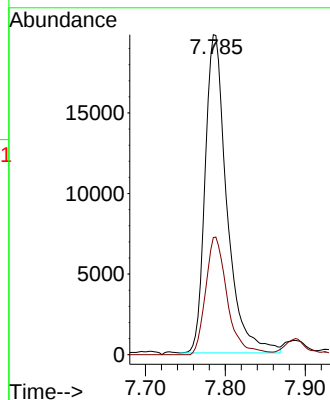
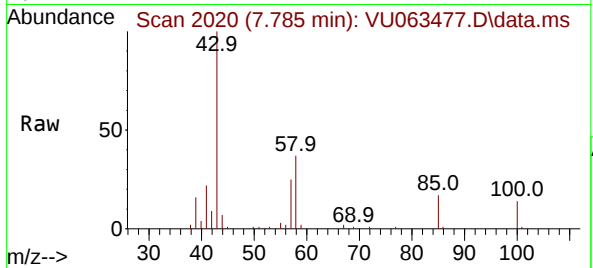




#51
4-Methyl-2-Pentanone
Concen: 14.839 ug/l
RT: 7.785 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

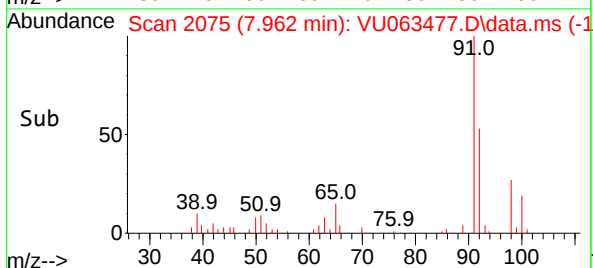
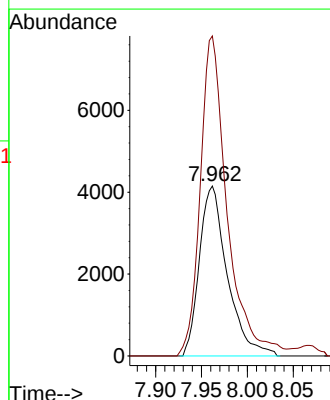
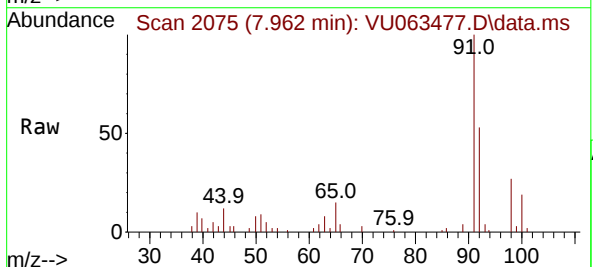
Instrument :
MSVOA_U
ClientSampleId :
MDL03

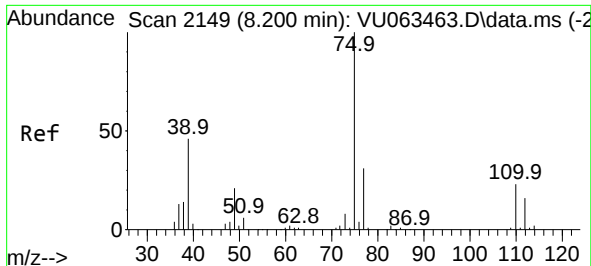
Tgt Ion: 43 Resp: 37552
Ion Ratio Lower Upper
43 100
58 36.8 31.0 46.4



#52
Toluene
Concen: 2.648 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 92 Resp: 8792
Ion Ratio Lower Upper
92 100
91 181.4 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 2.195 ug/l

RT: 8.206 min Scan# 2149

Delta R.T. 0.006 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Instrument :

MSVOA_U

ClientSampleId :

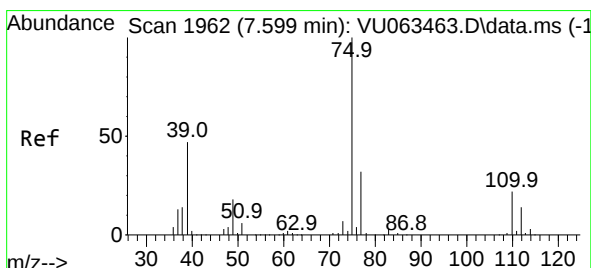
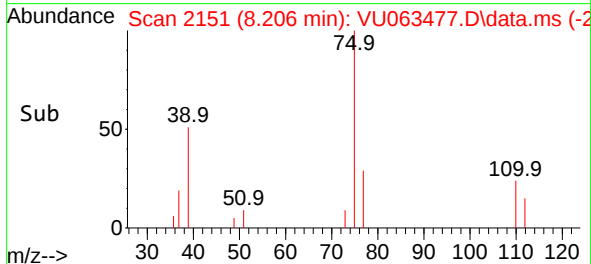
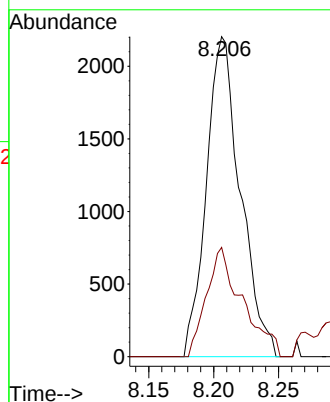
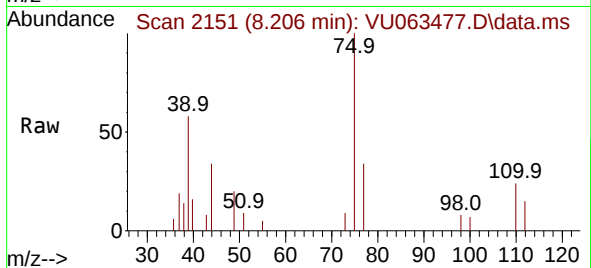
MDL03

Tgt Ion: 75 Resp: 4010

Ion Ratio Lower Upper

75 100

77 34.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 2.150 ug/l

RT: 7.602 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

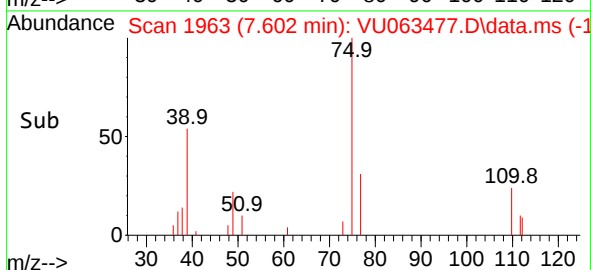
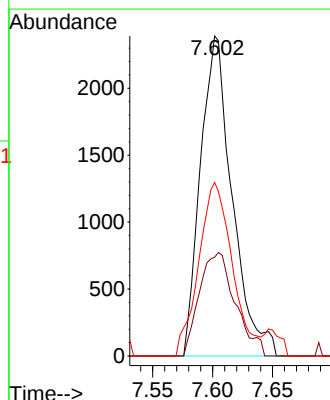
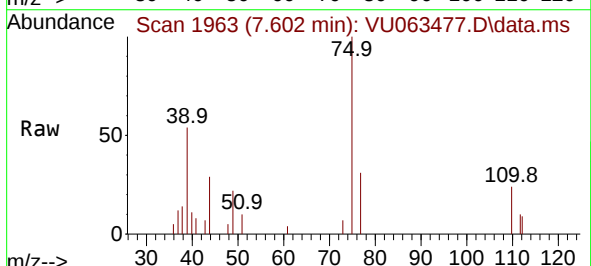
Tgt Ion: 75 Resp: 4396

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0

39 48.6 37.2 55.8

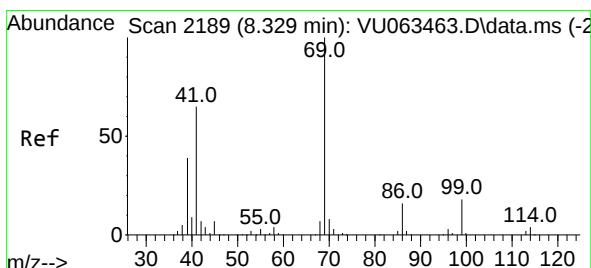
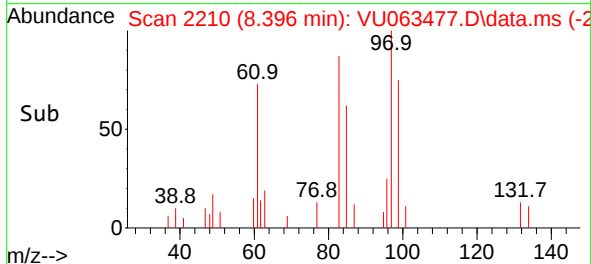
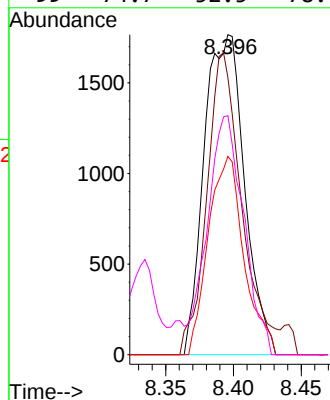
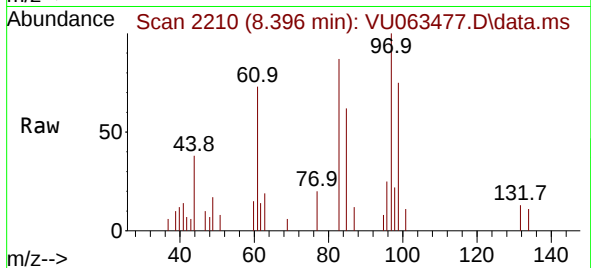




#55
1,1,2-Trichloroethane
Concen: 2.582 ug/l
RT: 8.396 min Scan# 2190
Delta R.T. 0.006 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

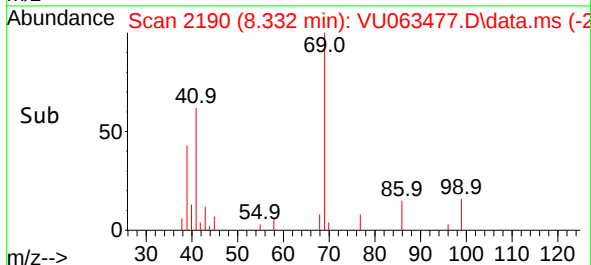
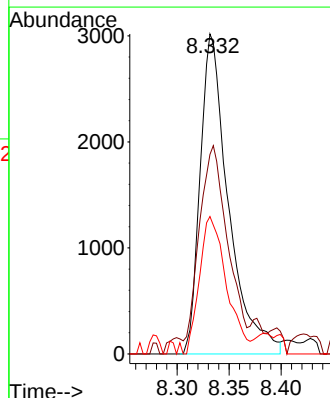
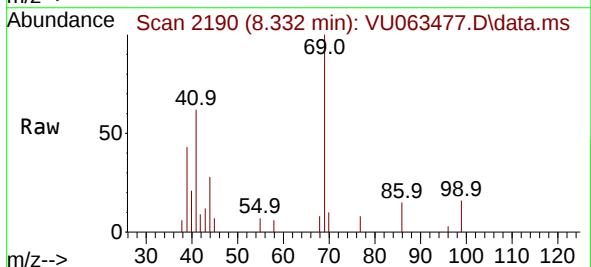
Instrument :
MSVOA_U
ClientSampleId :
MDL03

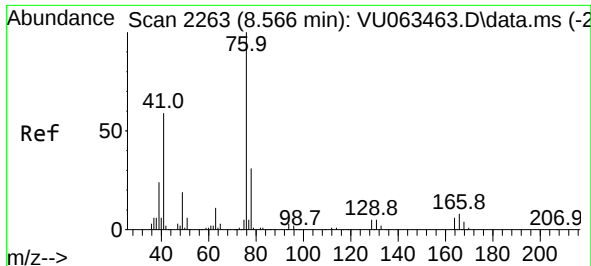
Tgt Ion: 97	Resp:	3640	
Ion	Ratio	Lower	Upper
97	100		
83	86.6	74.2	111.4
85	61.9	45.8	68.8
99	74.7	52.5	78.7



#56
Ethyl methacrylate
Concen: 2.512 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 69	Resp:	5713	
Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.0	79.6
39	41.1	31.0	46.4





#57

1,3-Dichloropropane

Concen: 2.615 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Instrument :

MSVOA_U

ClientSampleId :

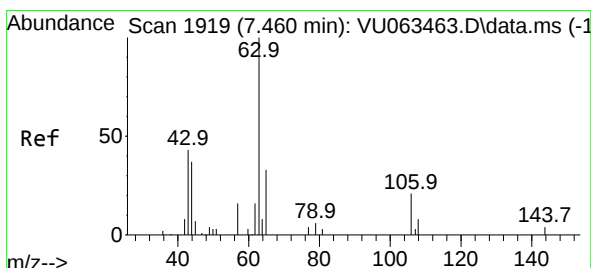
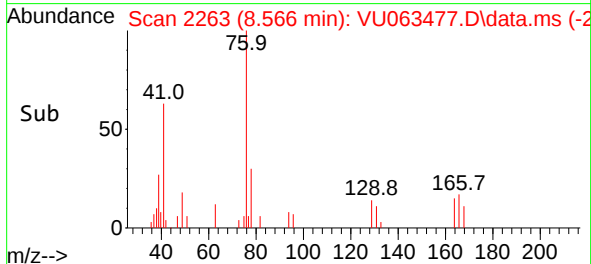
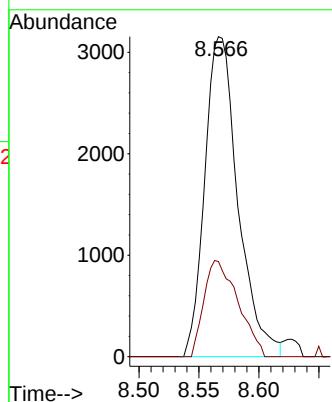
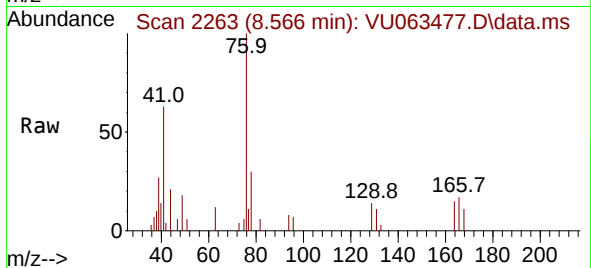
MDL03

Tgt Ion: 76 Resp: 6078

Ion Ratio Lower Upper

76 100

78 30.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 2.625 ug/l

RT: 7.486 min Scan# 1927

Delta R.T. 0.026 min

Lab File: VU063477.D

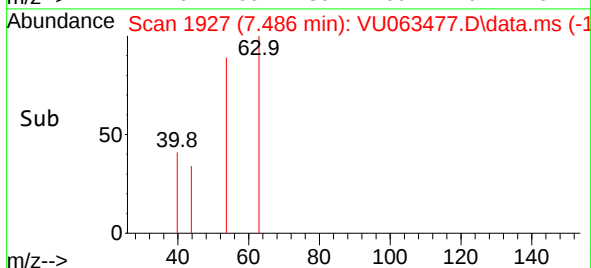
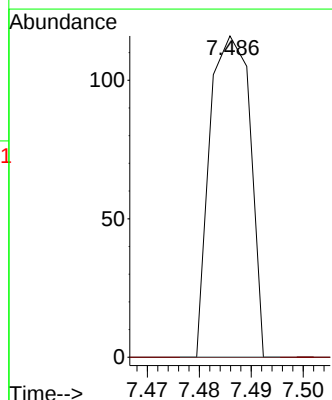
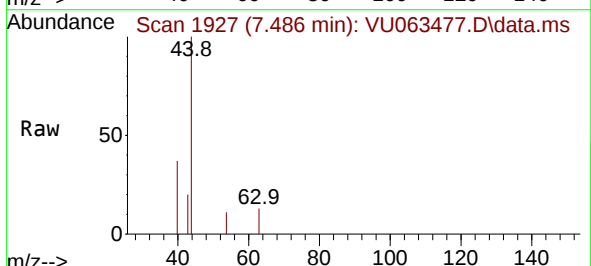
Acq: 10 Jul 2025 13:45

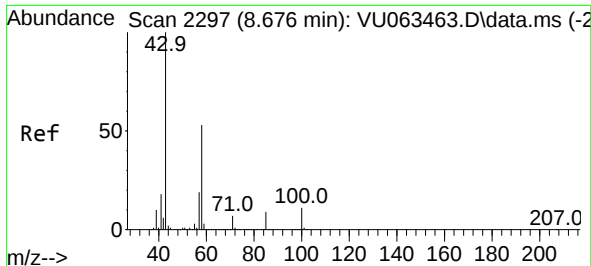
Tgt Ion: 63 Resp: 62

Ion Ratio Lower Upper

63 100

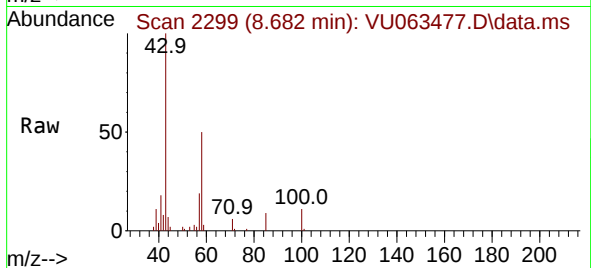
106 0.0 11.5 17.3#



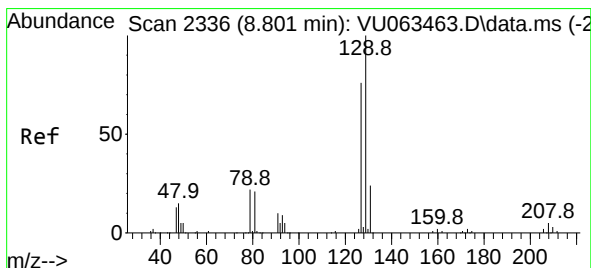
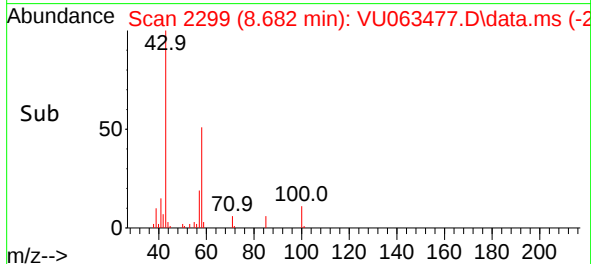
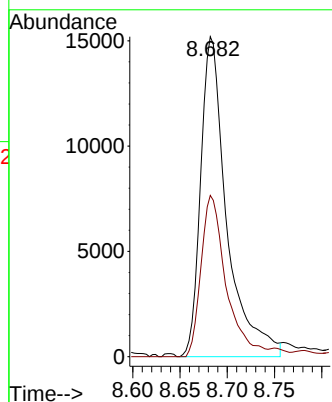


#59
2-Hexanone
Concen: 15.267 ug/l
RT: 8.682 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Instrument :
MSVOA_U
ClientSampleId :
MDL03

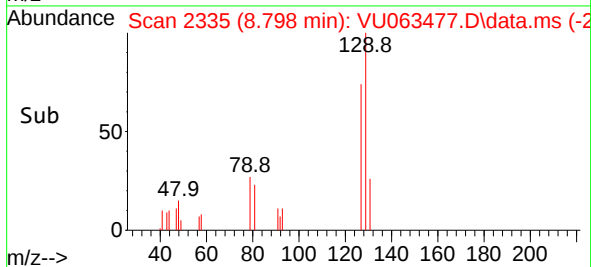
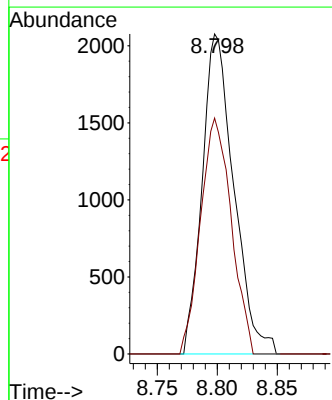
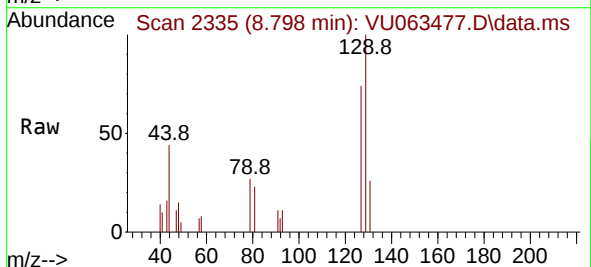


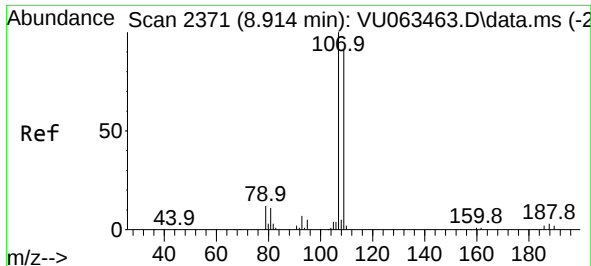
Tgt Ion: 43 Resp: 29221
Ion Ratio Lower Upper
43 100
58 48.5 26.9 80.7



#60
Dibromochloromethane
Concen: 2.413 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 129 Resp: 3812
Ion Ratio Lower Upper
129 100
127 71.4 39.1 117.2

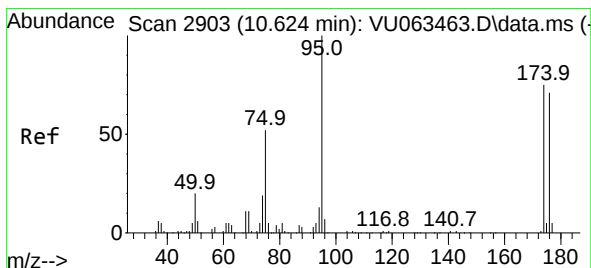
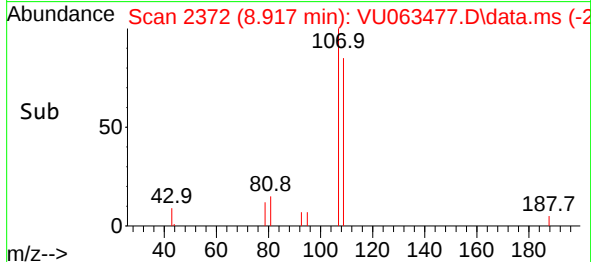
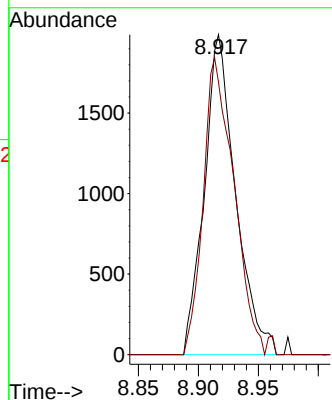
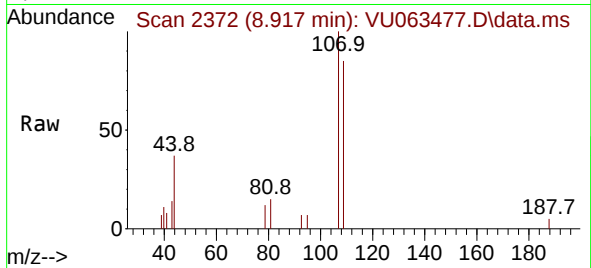




#61
1,2-Dibromoethane
Concen: 2.604 ug/l
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

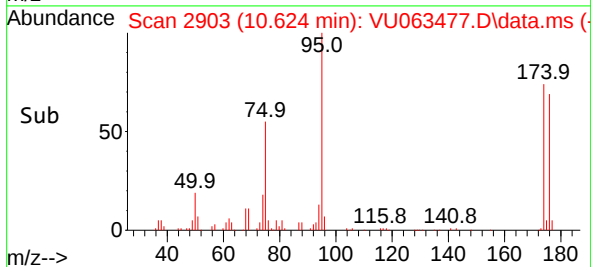
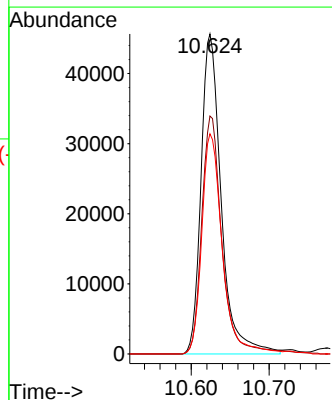
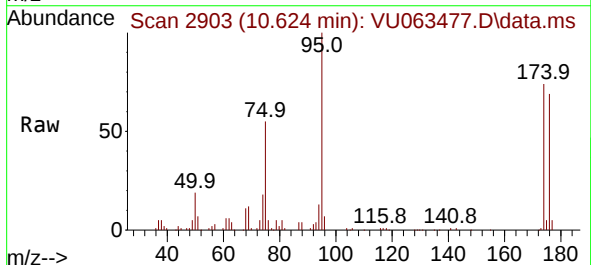
Instrument :
MSVOA_U
ClientSampleId :
MDL03

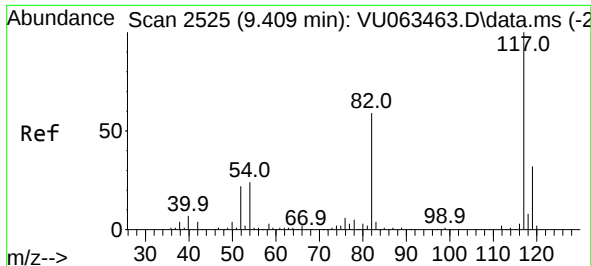
Tgt Ion:107 Resp: 3604
Ion Ratio Lower Upper
107 100
109 90.8 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 48.102 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 95 Resp: 82039
Ion Ratio Lower Upper
95 100
174 74.8 0.0 153.6
176 70.3 0.0 145.8

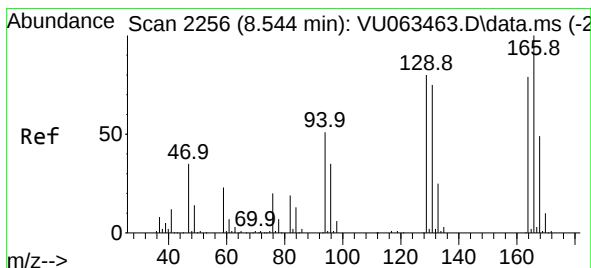
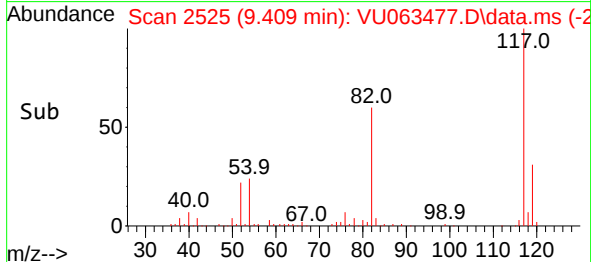
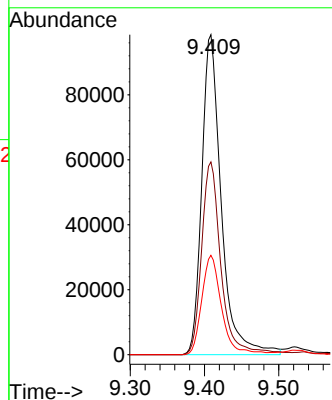
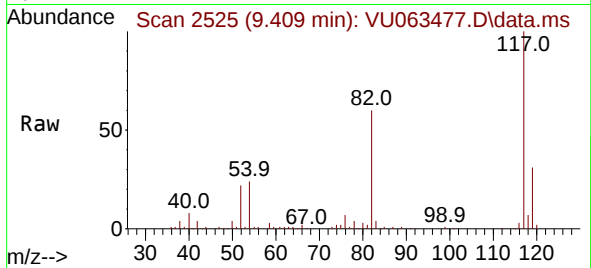




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

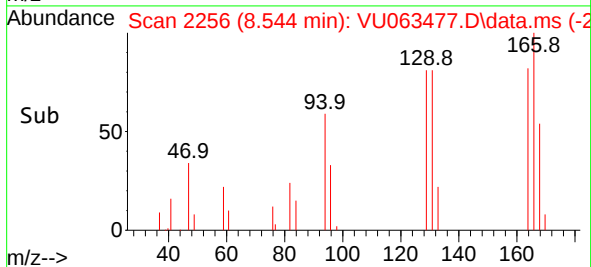
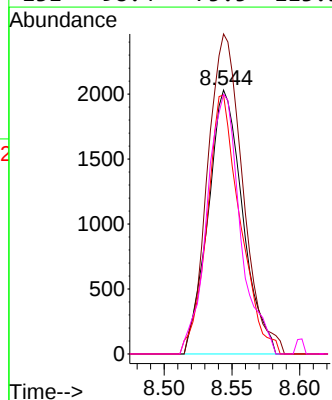
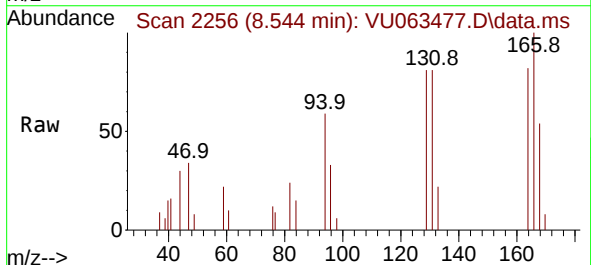
Instrument :
MSVOA_U
ClientSampleId :
MDL03

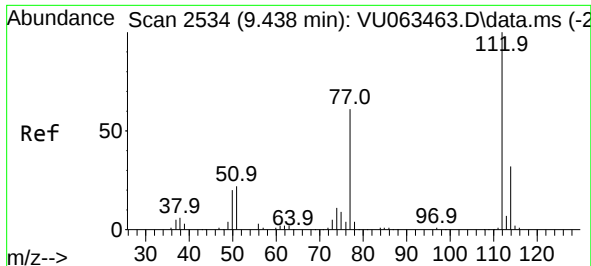
Tgt Ion:117 Resp: 179828
Ion Ratio Lower Upper
117 100
82 60.2 47.1 70.7
119 31.0 25.4 38.0



#64
Tetrachloroethene
Concen: 2.691 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion:164 Resp: 3602
Ion Ratio Lower Upper
164 100
166 121.3 100.9 151.3
129 98.1 80.9 121.3
131 98.4 75.5 113.3

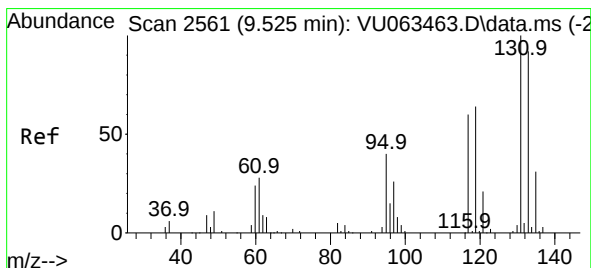
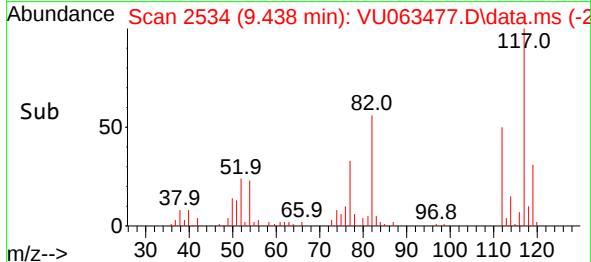
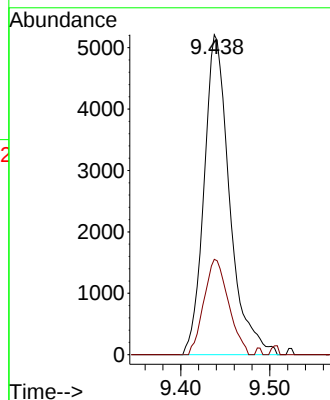
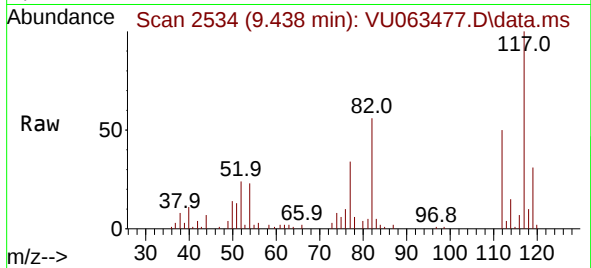




#65
Chlorobenzene
Concen: 2.775 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

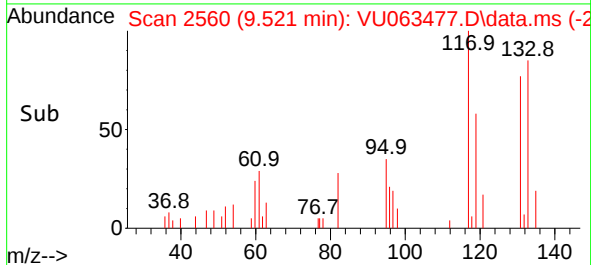
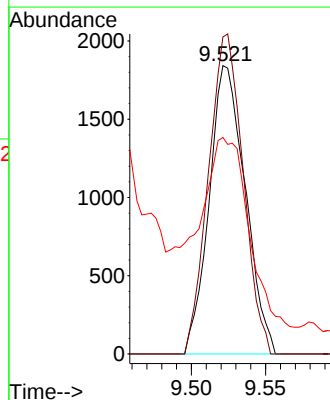
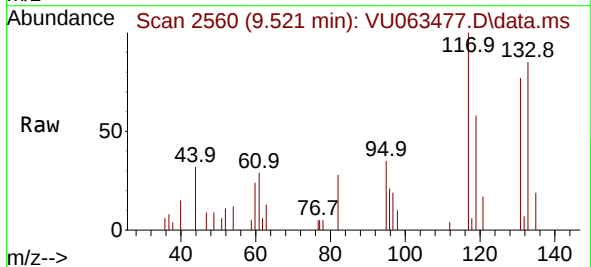
Instrument : MSVOA_U
ClientSampleId : MDL03

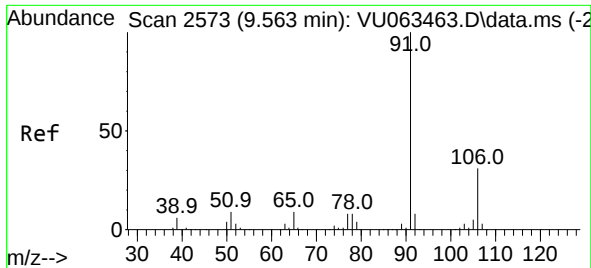
Tgt Ion:112 Resp: 10381
Ion Ratio Lower Upper
112 100
114 29.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 2.425 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion:131 Resp: 3111
Ion Ratio Lower Upper
131 100
133 106.7 46.4 139.2
119 81.3 33.3 99.9

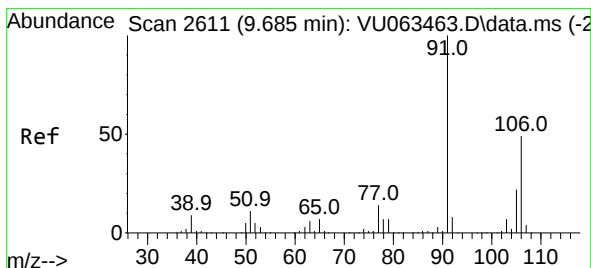
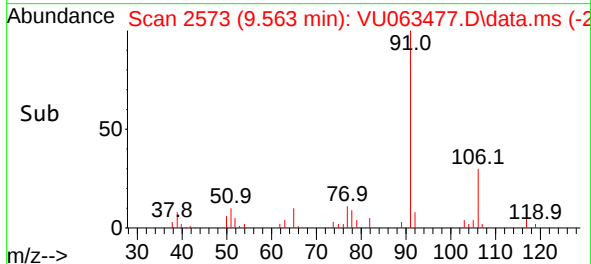
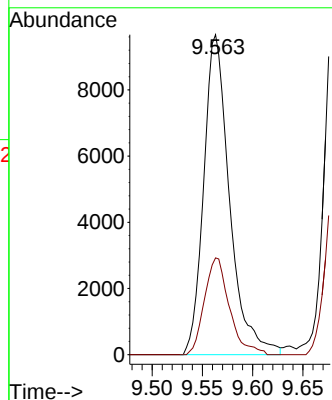
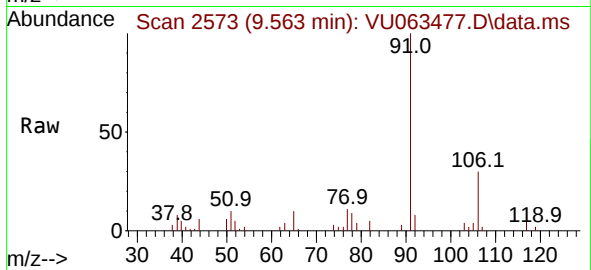




#67
Ethyl Benzene
Concen: 2.692 ug/l
RT: 9.563 min Scan# 2109
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

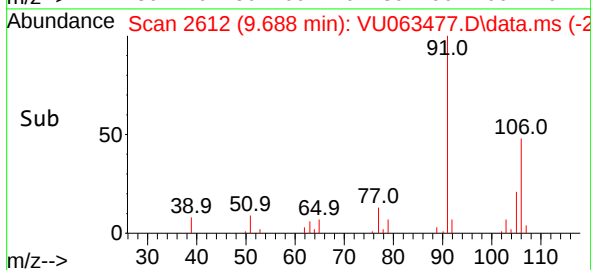
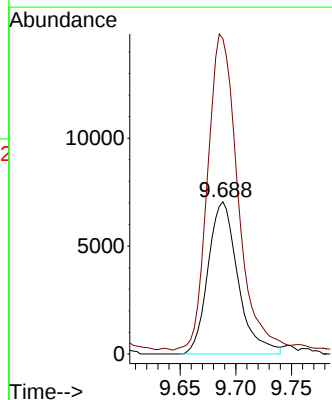
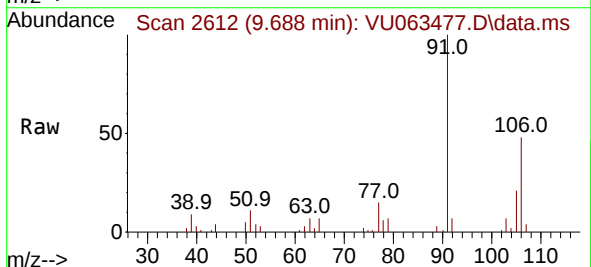
Instrument :
MSVOA_U
ClientSampleId :
MDL03

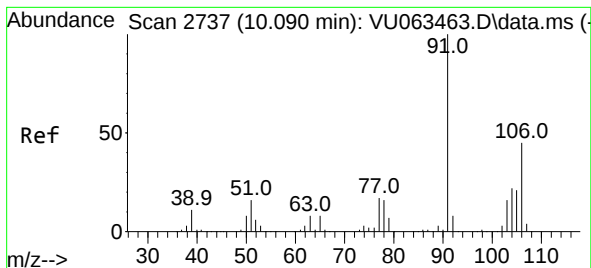
Tgt Ion: 91 Resp: 17309
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7



#68
m/p-Xylenes
Concen: 5.385 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion:106 Resp: 13214
Ion Ratio Lower Upper
106 100
91 208.7 163.6 245.4





#69

o-Xylene

Concen: 2.645 ug/l

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Instrument :

MSVOA_U

ClientSampleId :

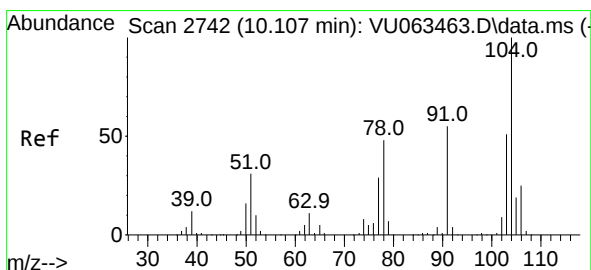
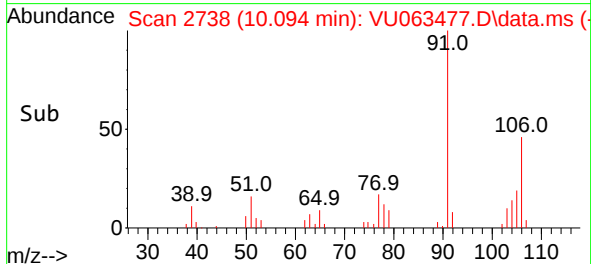
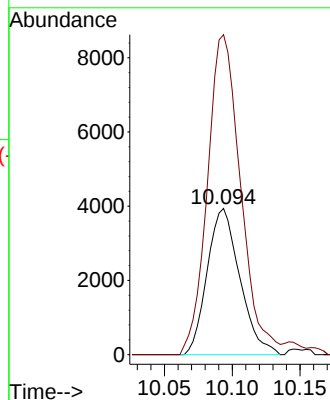
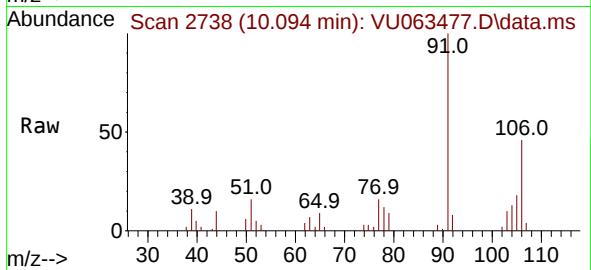
MDL03

Tgt Ion:106 Resp: 6600

Ion Ratio Lower Upper

106 100

91 222.1 110.7 331.9



#70

Styrene

Concen: 2.538 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

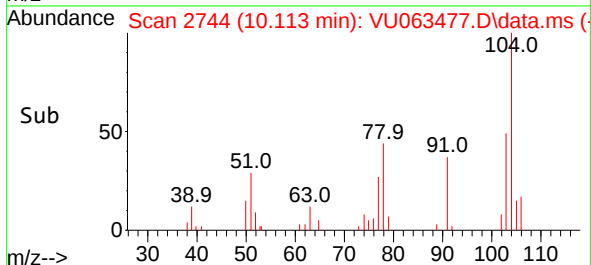
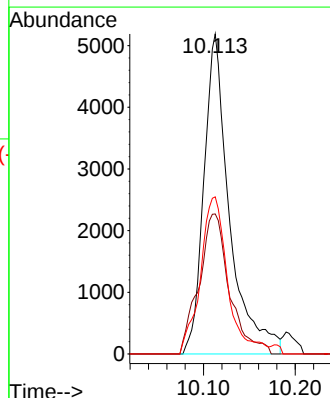
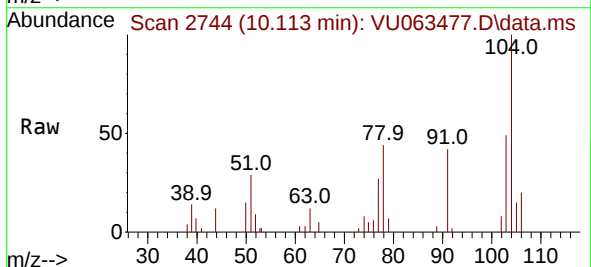
Tgt Ion:104 Resp: 10068

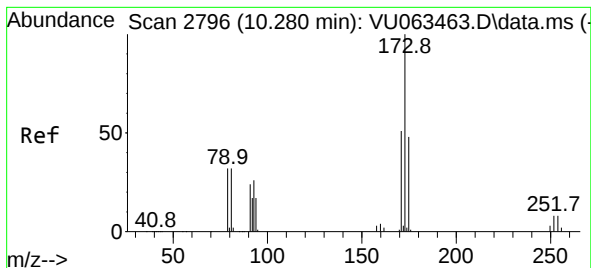
Ion Ratio Lower Upper

104 100

78 52.1 41.4 62.0

103 52.4 44.3 66.5





#71

Bromoform

Concen: 2.259 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL03

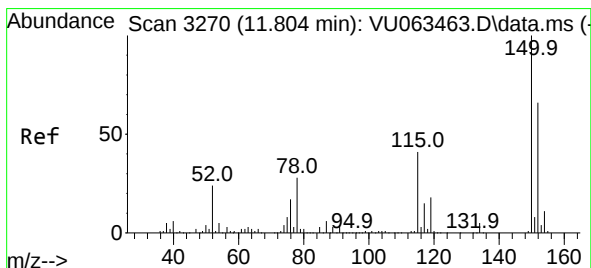
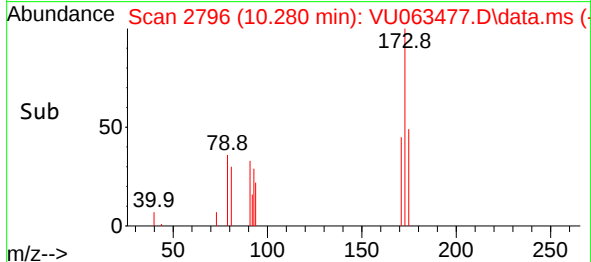
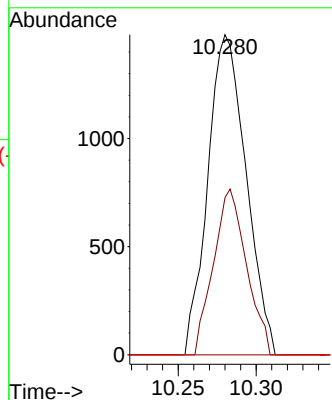
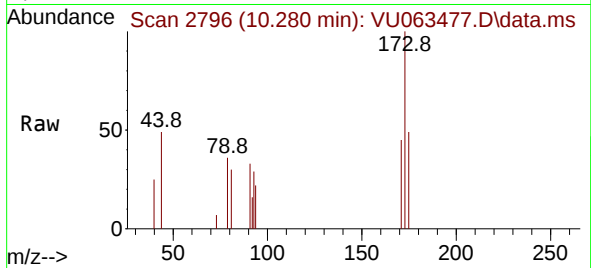
Tgt Ion:173 Resp: 2526

Ion Ratio Lower Upper

173 100

175 44.7 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.804 min Scan# 3270

Delta R.T. -0.000 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

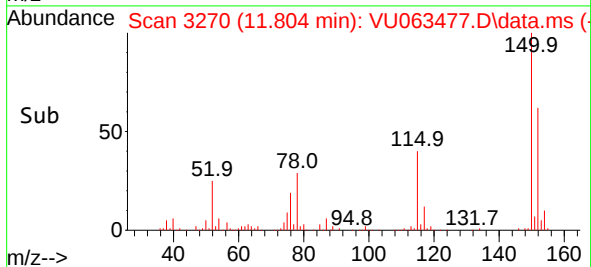
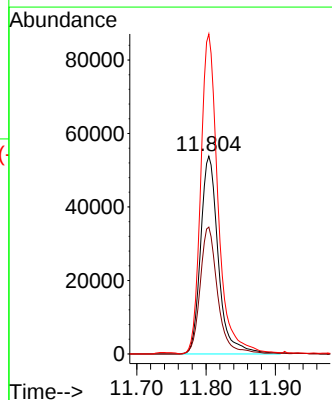
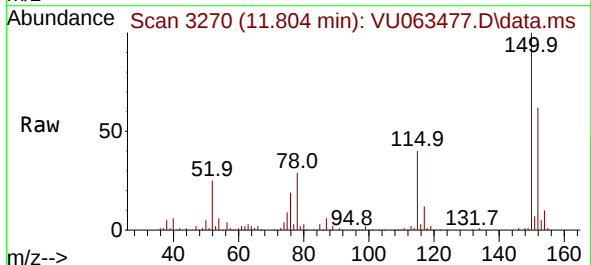
Tgt Ion:152 Resp: 95719

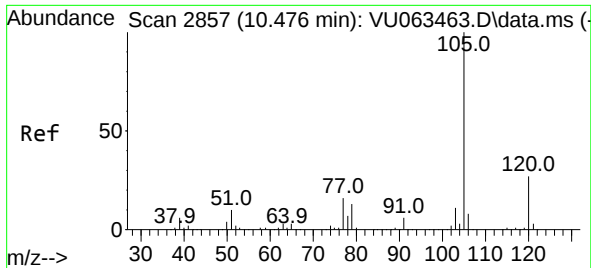
Ion Ratio Lower Upper

152 100

115 63.3 43.4 130.2

150 158.4 0.0 341.4

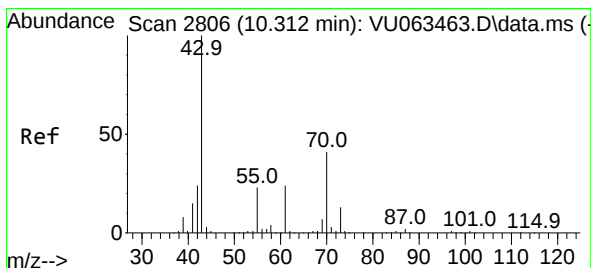
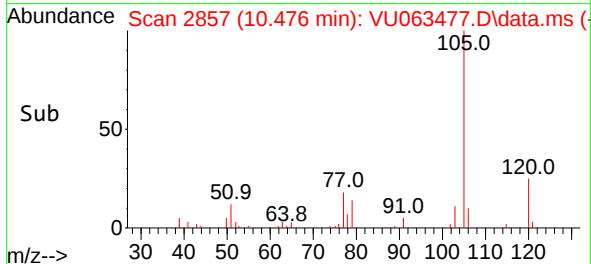
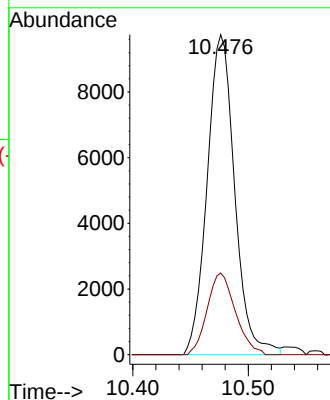
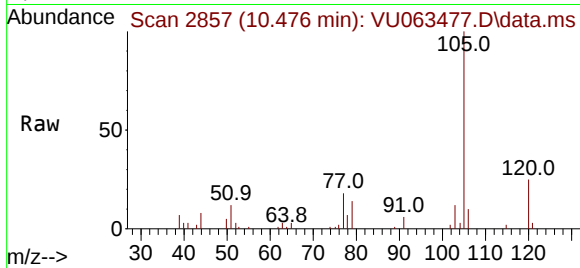




#73
Isopropylbenzene
Concen: 2.479 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

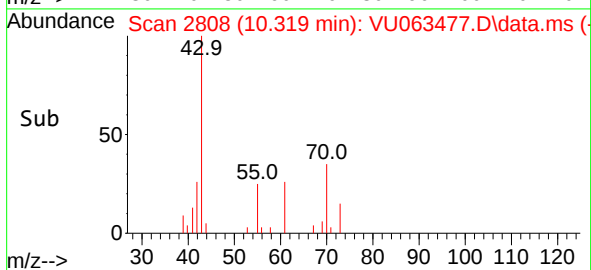
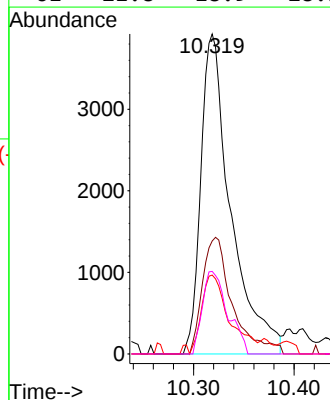
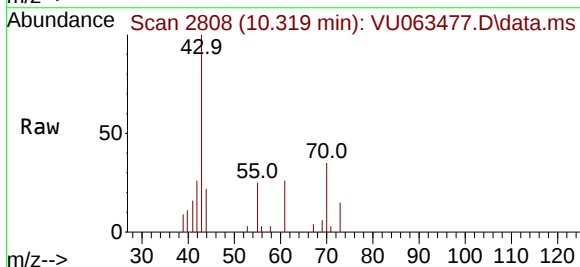
Instrument :
MSVOA_U
ClientSampleId :
MDL03

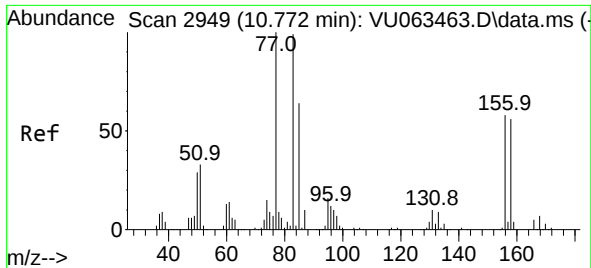
Tgt Ion:105 Resp: 16146
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 2.772 ug/l
RT: 10.319 min Scan# 2808
Delta R.T. 0.006 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 43 Resp: 8096
Ion Ratio Lower Upper
43 100
70 36.4 32.6 48.8
55 23.0 18.6 27.8
61 21.8 18.9 28.3

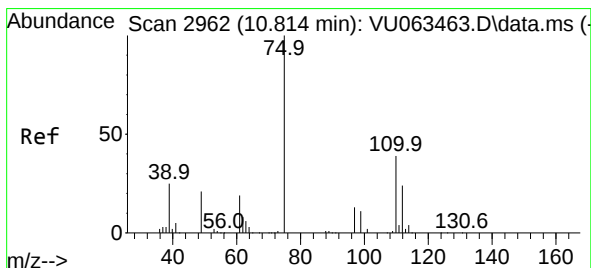
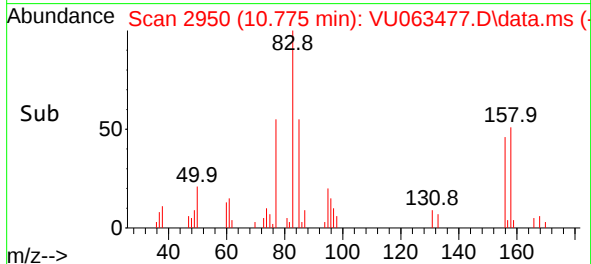
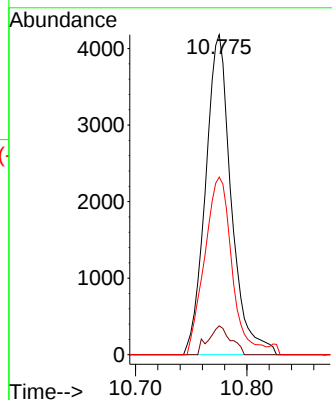
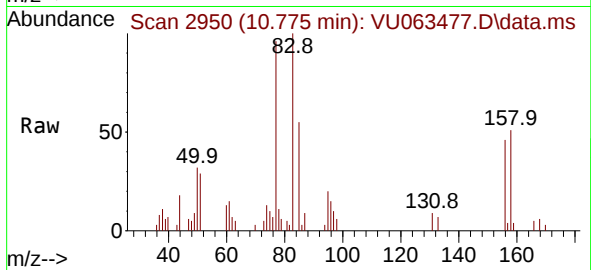




#75
1,1,2,2-Tetrachloroethane
Concen: 2.796 ug/l
RT: 10.775 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

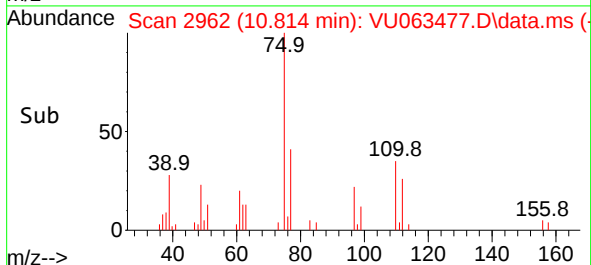
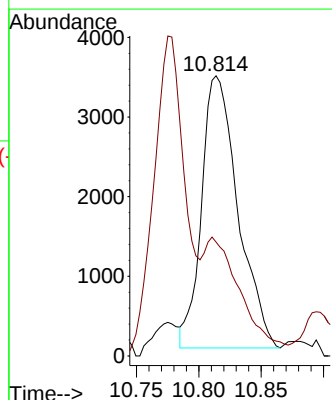
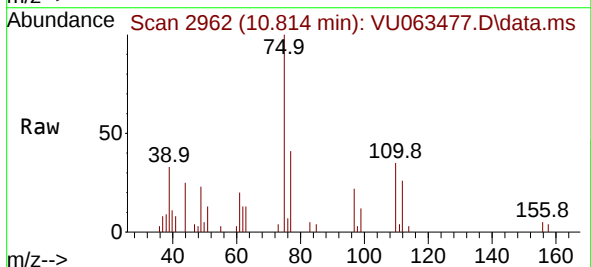
Instrument :
MSVOA_U
ClientSampleId :
MDL03

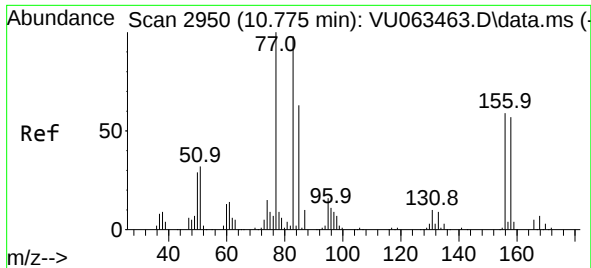
Tgt Ion: 83 Resp: 6702
Ion Ratio Lower Upper
83 100
131 7.8 4.8 14.3
85 58.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 2.744 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 75 Resp: 6961
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#

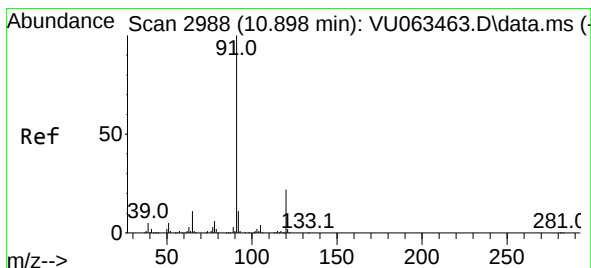
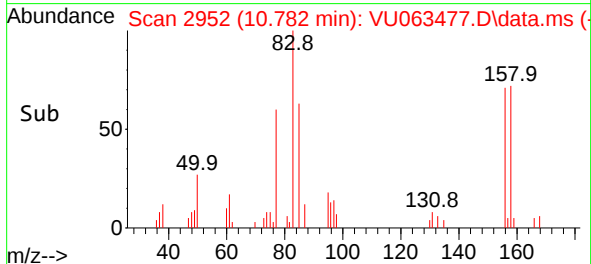
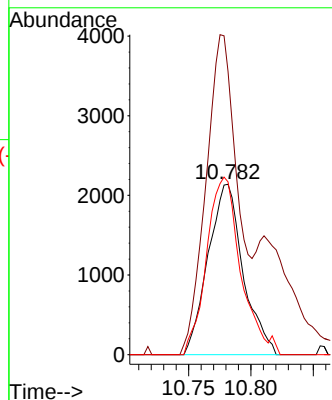
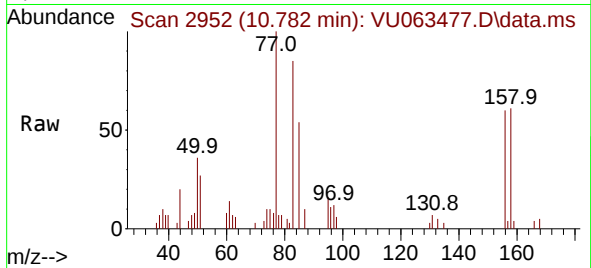




#77
Bromobenzene
Concen: 2.616 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.006 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

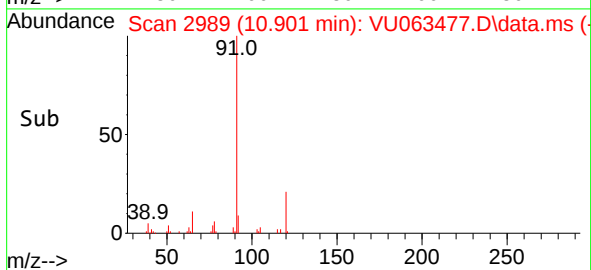
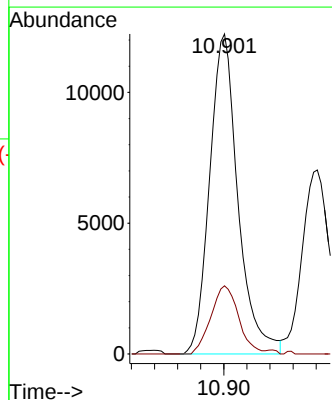
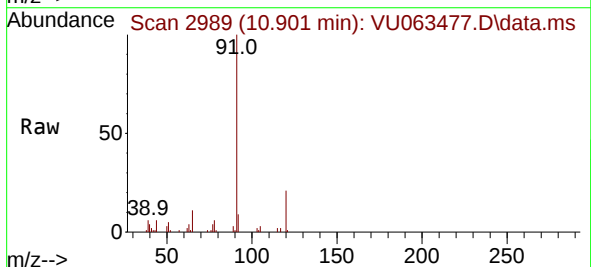
Instrument :
MSVOA_U
ClientSampleId :
MDL03

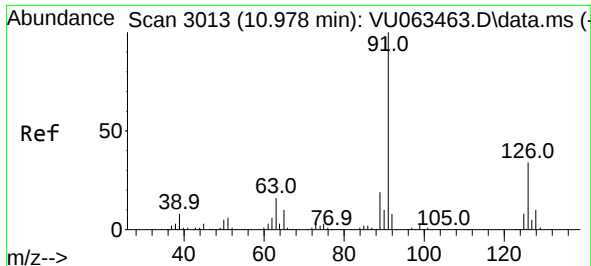
Tgt Ion:156 Resp: 4176
Ion Ratio Lower Upper
156 100
77 170.3 78.2 234.6
158 101.8 46.8 140.4



#78
n-propylbenzene
Concen: 2.756 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 91 Resp: 20818
Ion Ratio Lower Upper
91 100
120 20.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.521 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.003 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Instrument :

MSVOA_U

ClientSampleId :

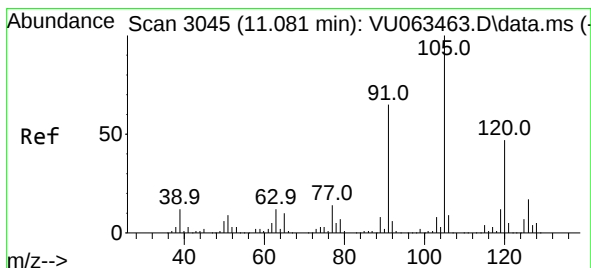
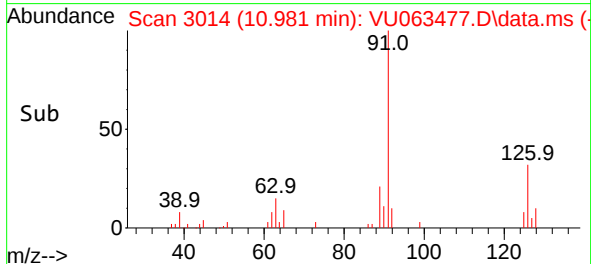
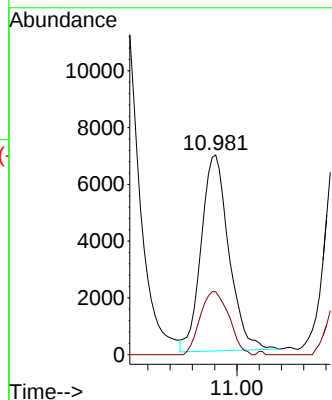
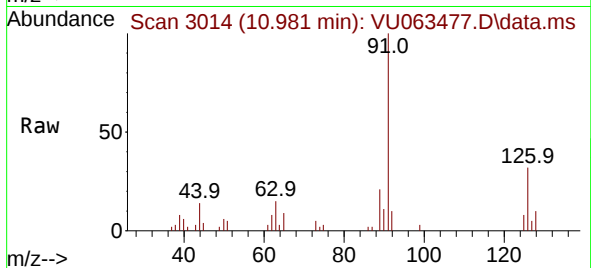
MDL03

Tgt Ion: 91 Resp: 11944

Ion Ratio Lower Upper

91 100

126 33.4 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 2.516 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU063477.D

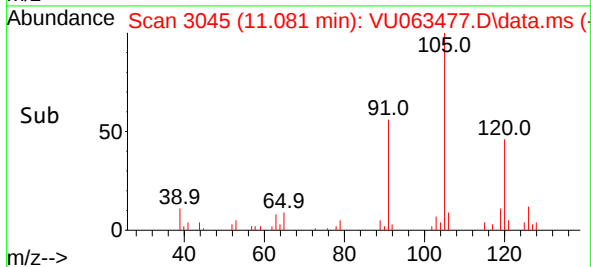
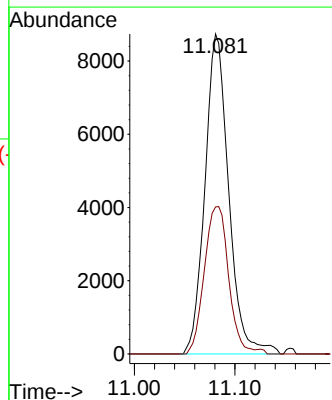
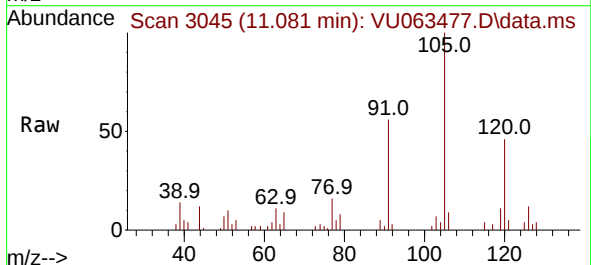
Acq: 10 Jul 2025 13:45

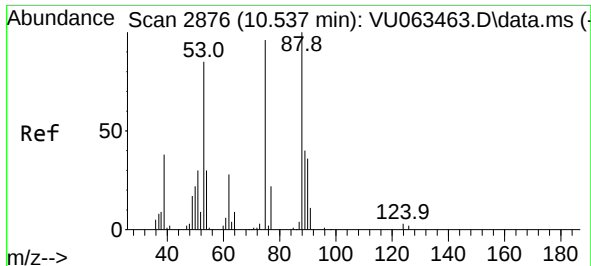
Tgt Ion:105 Resp: 14333

Ion Ratio Lower Upper

105 100

120 47.4 23.4 70.2

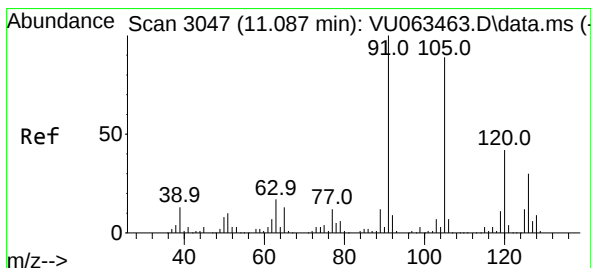
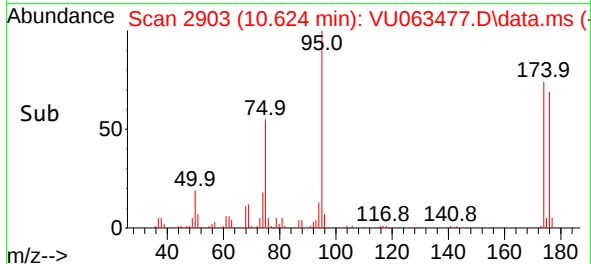
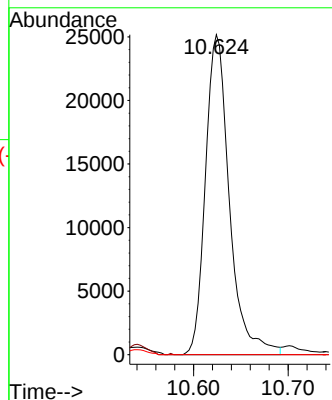
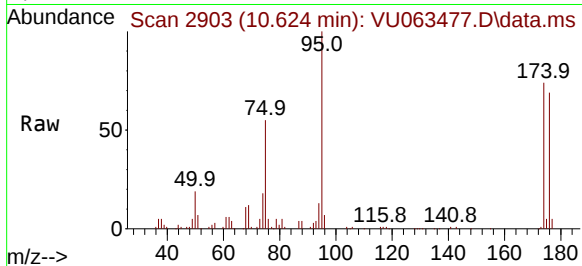




#81
trans-1,4-Dichloro-2-butene
Concen: 87.138 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.087 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

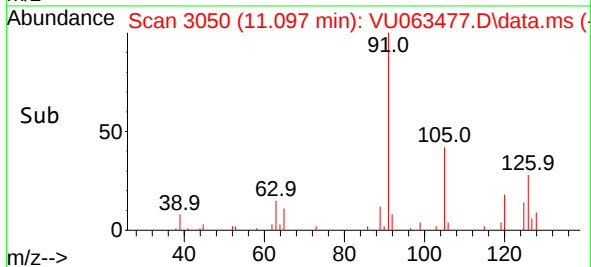
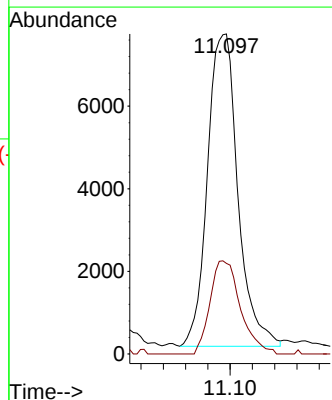
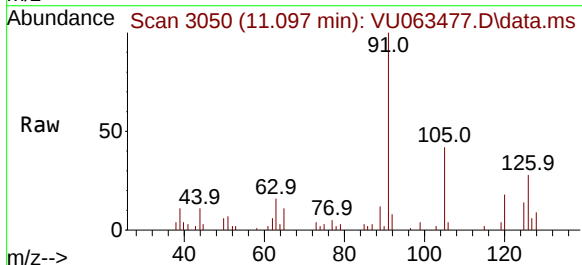
Instrument :
MSVOA_U
ClientSampleId :
MDL03

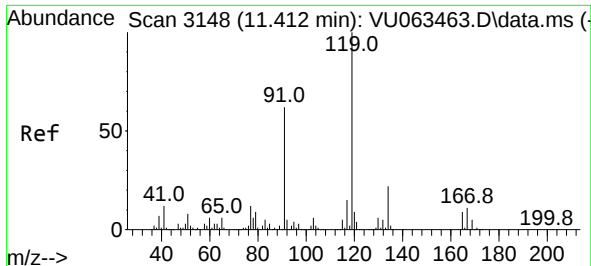
Tgt Ion: 75 Resp: 44314
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#



#82
4-Chlorotoluene
Concen: 2.665 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.009 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 91 Resp: 14332
Ion Ratio Lower Upper
91 100
126 29.8 14.4 43.2

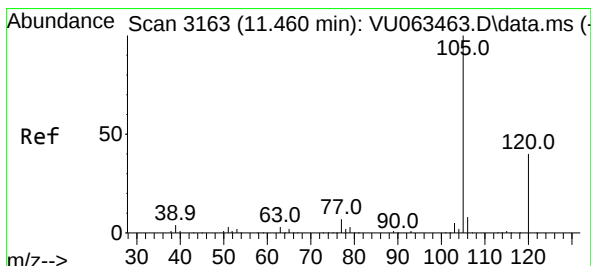
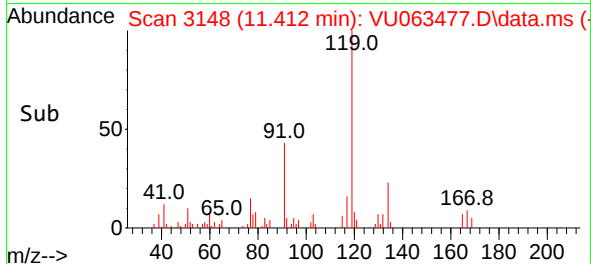
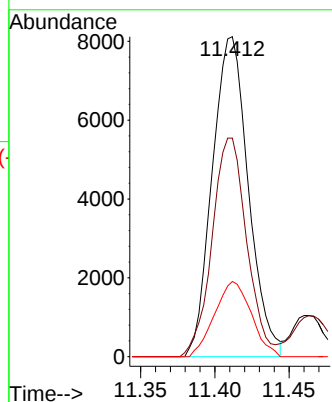
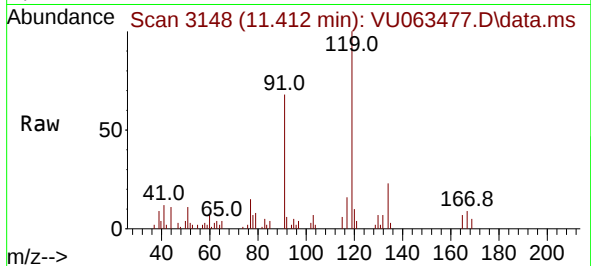




#83
tert-Butylbenzene
Concen: 2.512 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

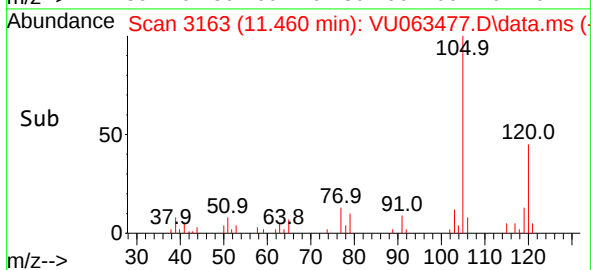
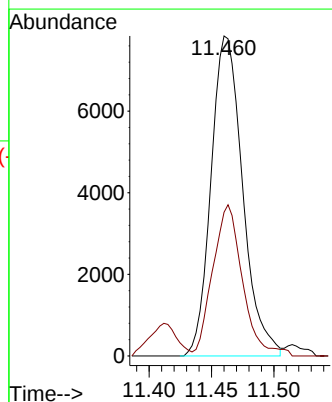
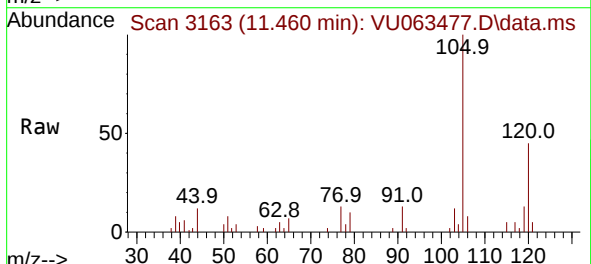
Instrument :
MSVOA_U
ClientSampleId :
MDL03

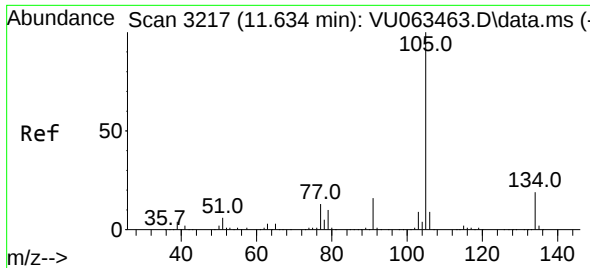
Tgt Ion:119 Resp: 13726
Ion Ratio Lower Upper
119 100
91 65.5 30.3 91.0
134 23.8 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 2.476 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion:105 Resp: 13852
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.3

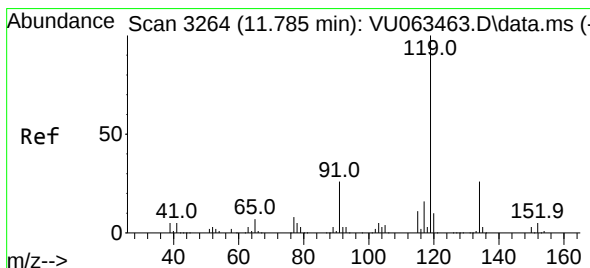
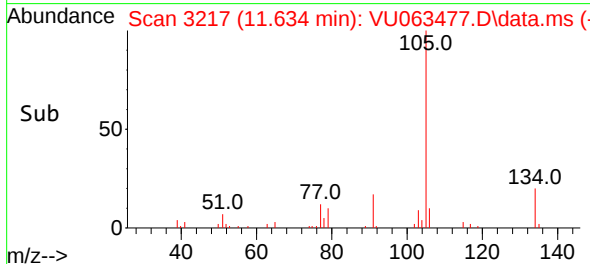
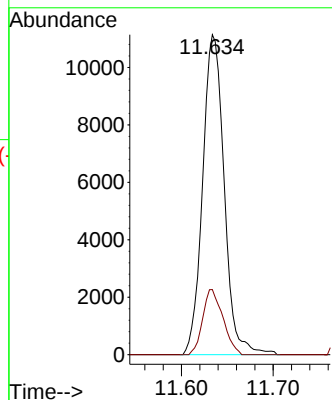
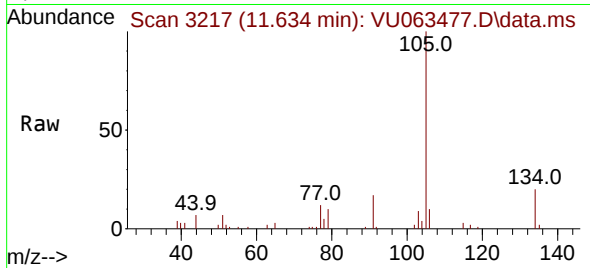




#85
 sec-Butylbenzene
 Concen: 2.527 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063477.D
 Acq: 10 Jul 2025 13:45

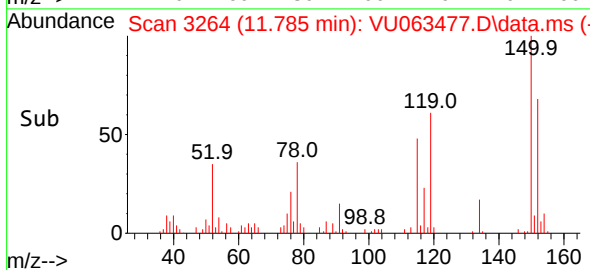
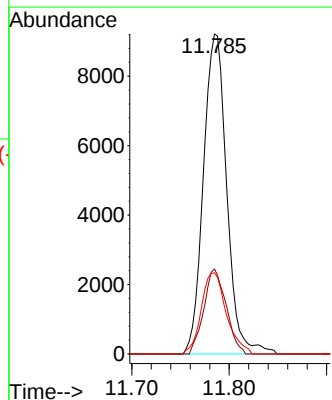
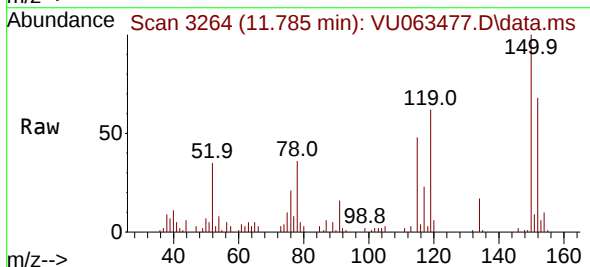
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

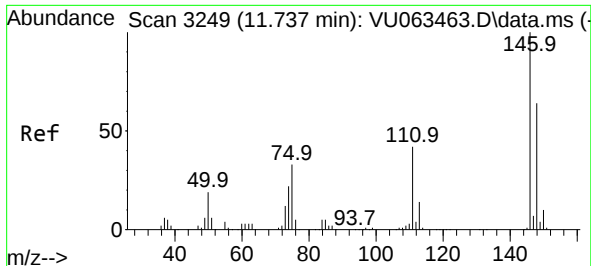
Tgt Ion:105 Resp: 18216
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 2.620 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063477.D
 Acq: 10 Jul 2025 13:45

Tgt Ion:119 Resp: 15322
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 38.9
 91 27.2 13.0 38.9

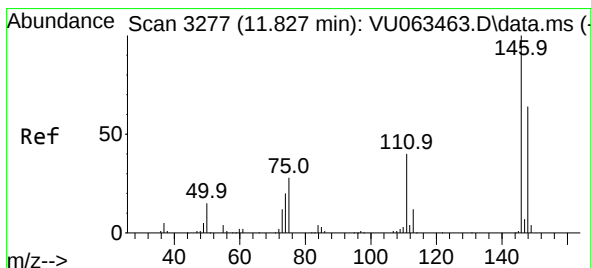
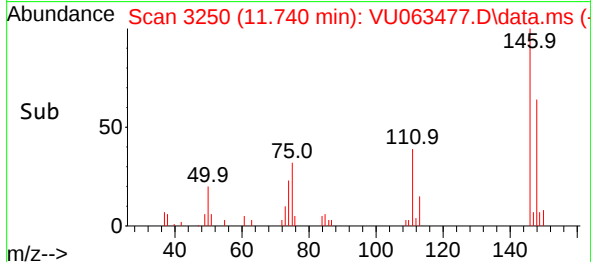
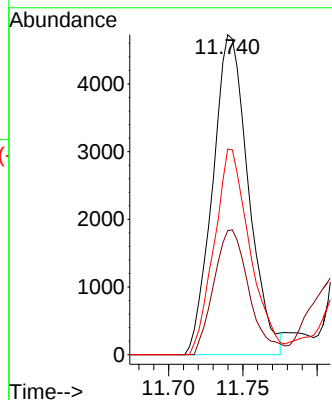
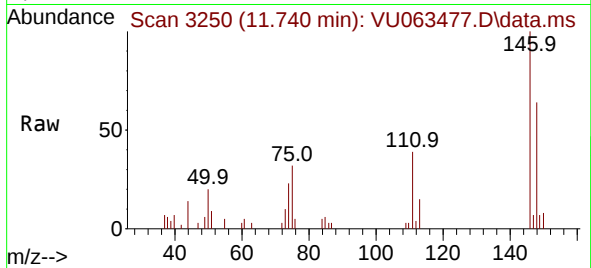




#87
1,3-Dichlorobenzene
Concen: 2.575 ug/l
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

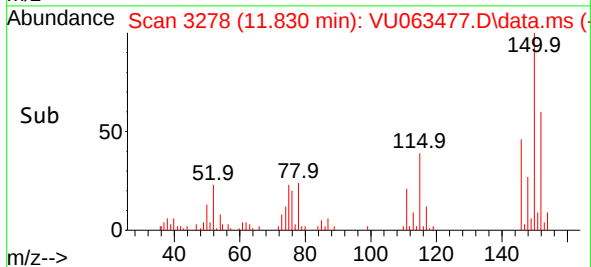
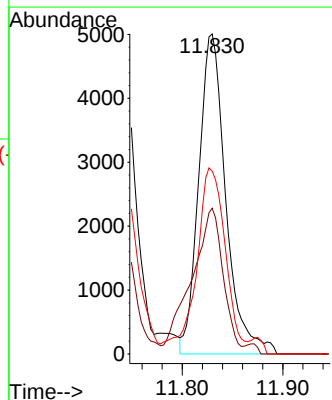
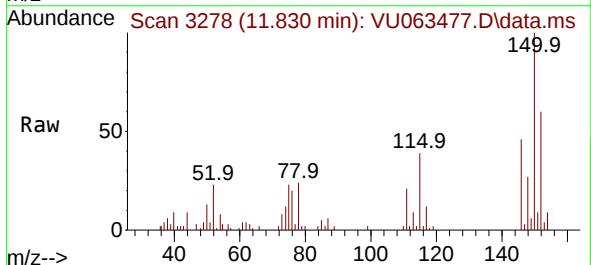
Instrument :
MSVOA_U
ClientSampleId :
MDL03

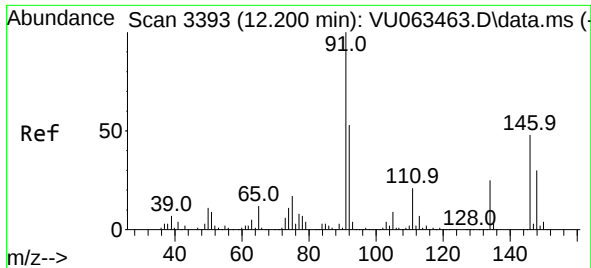
Tgt Ion:146 Resp: 7922
Ion Ratio Lower Upper
146 100
111 38.6 20.9 62.7
148 64.4 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 2.983 ug/l
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion:146 Resp: 9357
Ion Ratio Lower Upper
146 100
111 53.7 20.8 62.4
148 62.6 31.9 95.9

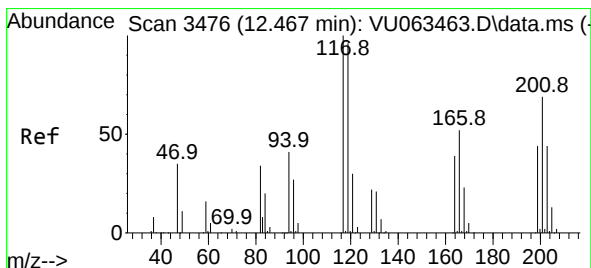
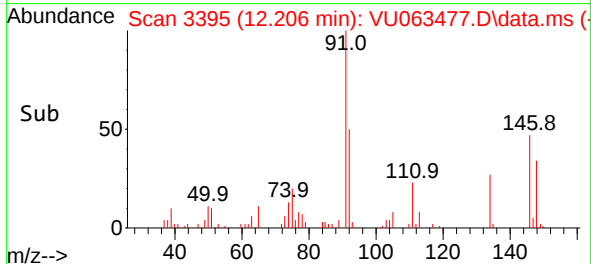
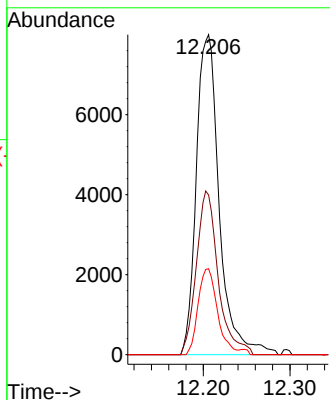
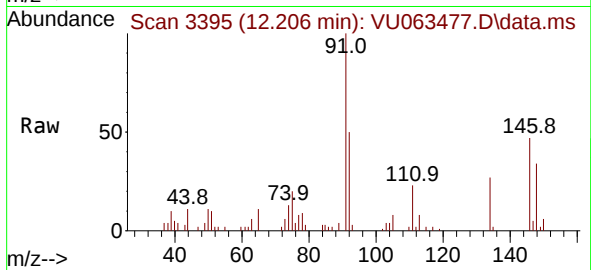




#89
n-Butylbenzene
Concen: 2.717 ug/l
RT: 12.206 min Scan# 3393
Delta R.T. 0.006 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

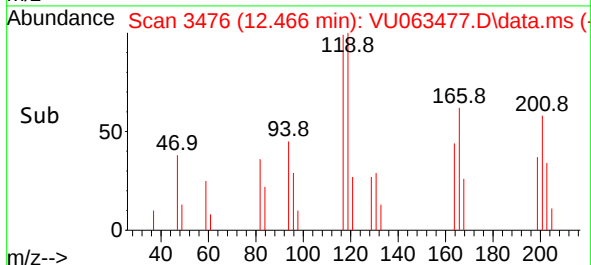
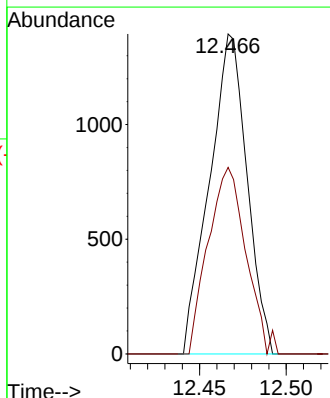
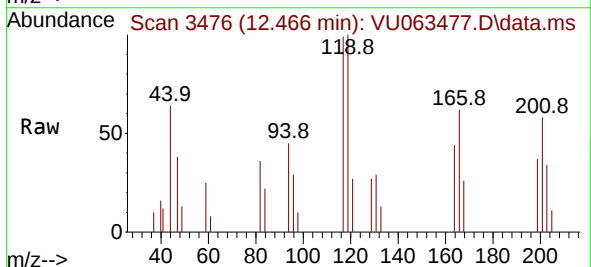
Instrument :
MSVOA_U
ClientSampleId :
MDL03

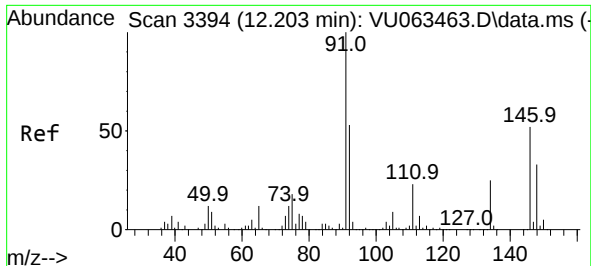
Tgt Ion: 91 Resp: 14707
Ion Ratio Lower Upper
91 100
92 48.8 26.4 79.2
134 22.8 12.4 37.0



#90
Hexachloroethane
Concen: 2.143 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion: 117 Resp: 2096
Ion Ratio Lower Upper
117 100
201 59.0 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 2.643 ug/l

RT: 12.209 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL03

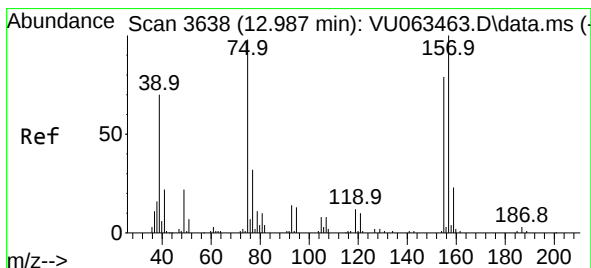
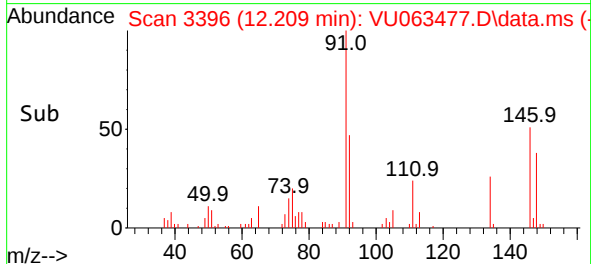
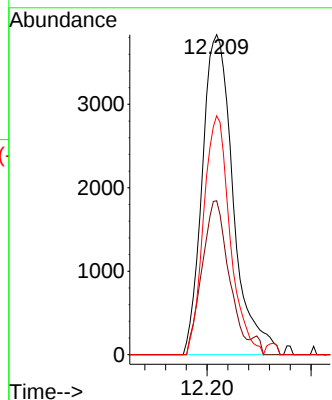
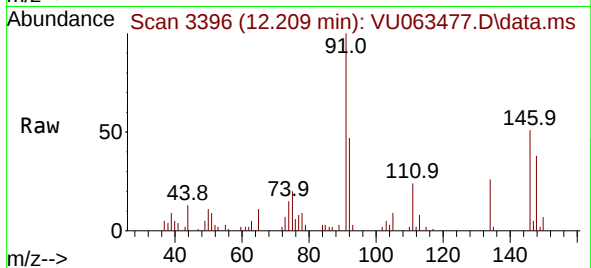
Tgt Ion:146 Resp: 7930

Ion Ratio Lower Upper

146 100

111 41.8 21.9 65.5

148 63.7 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.802 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU063477.D

Acq: 10 Jul 2025 13:45

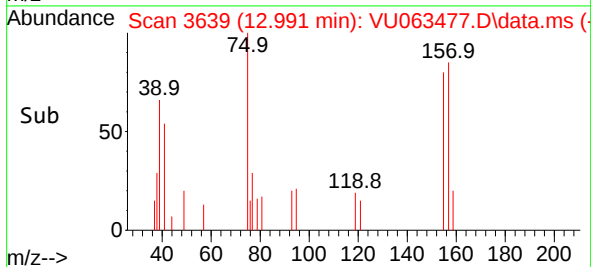
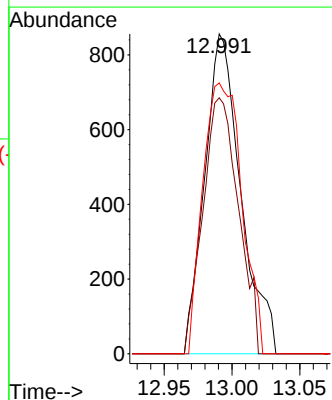
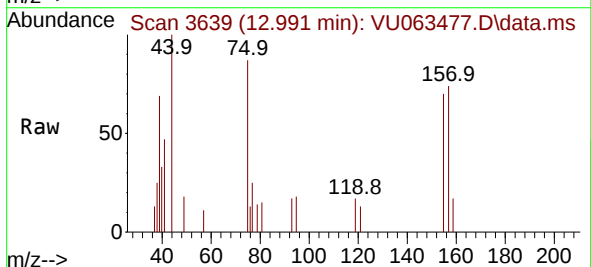
Tgt Ion: 75 Resp: 1591

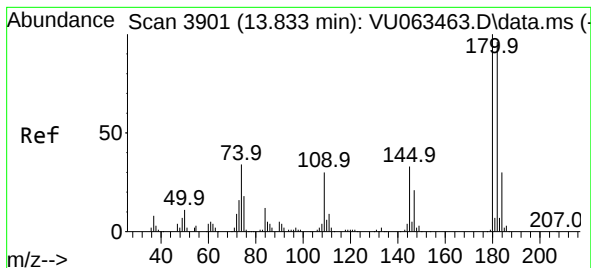
Ion Ratio Lower Upper

75 100

155 78.8 39.1 117.5

157 91.3 49.4 148.2

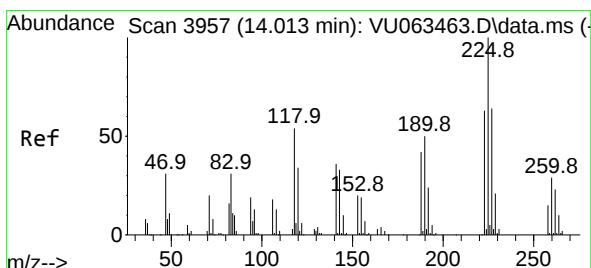
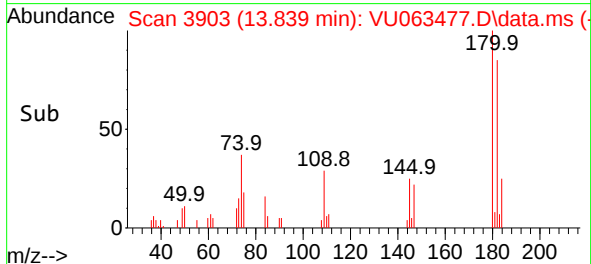
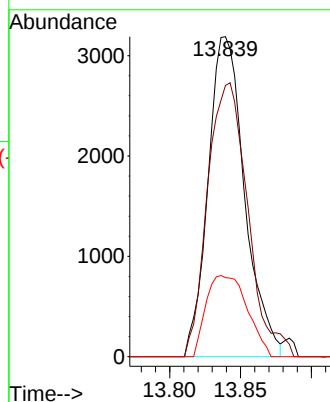
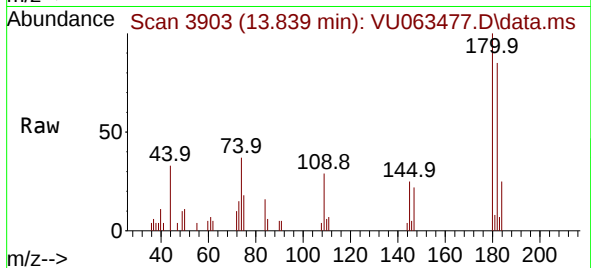




#93
1,2,4-Trichlorobenzene
Concen: 2.976 ug/l
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

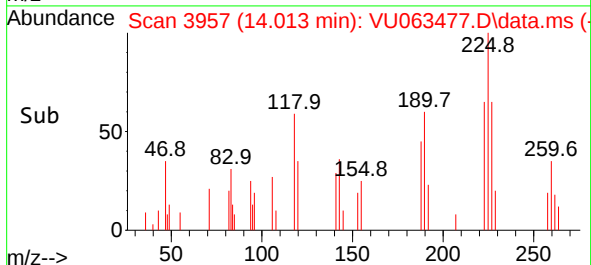
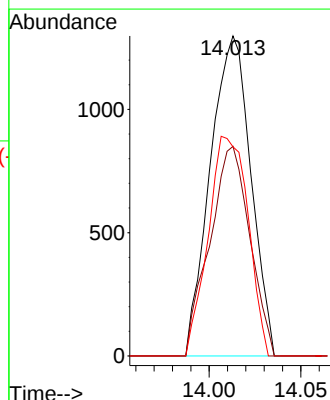
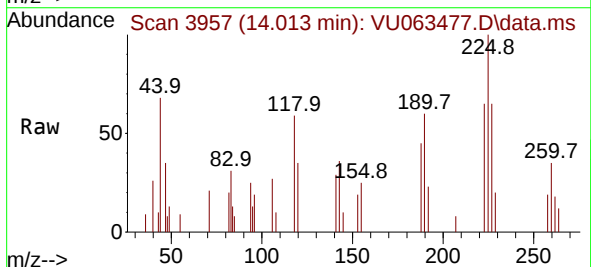
Instrument :
MSVOA_U
ClientSampleId :
MDL03

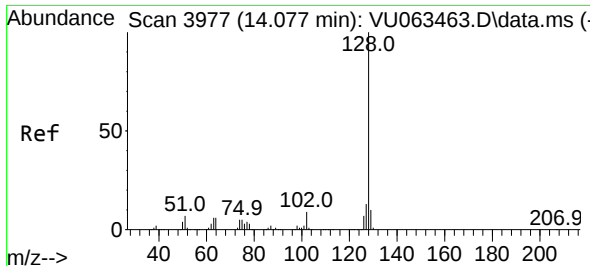
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.7	143.1
145	28.4	16.6	49.7



#94
Hexachlorobutadiene
Concen: 2.433 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.4	97.0
227	67.3	32.3	96.9

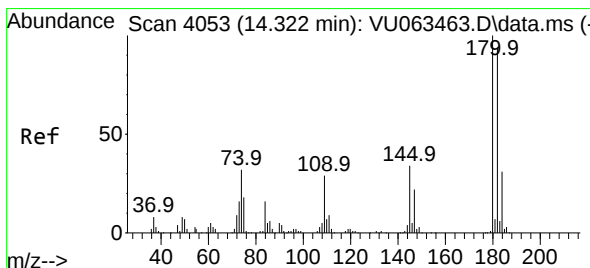
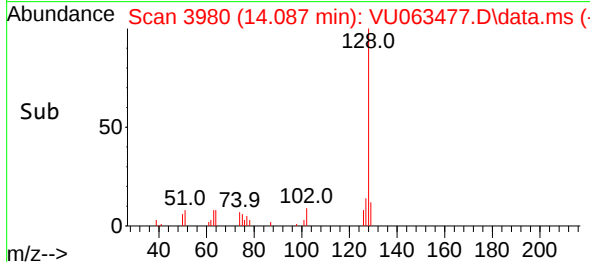
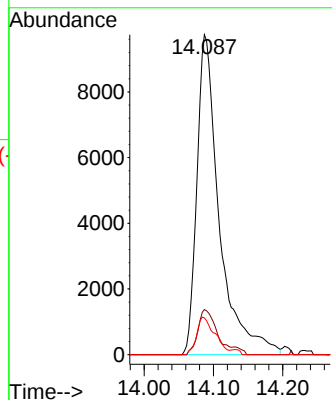
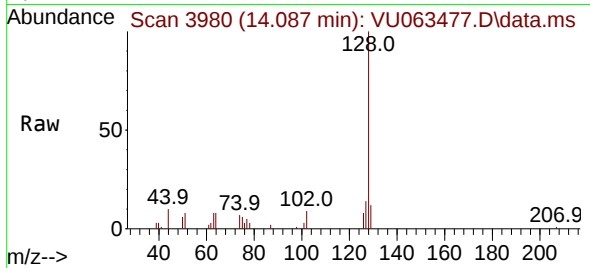




#95
Naphthalene
Concen: 3.482 ug/l
RT: 14.087 min Scan# 3977
Delta R.T. 0.009 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:128	Resp:	21905
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.4
129	9.6	8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.661 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063477.D
Acq: 10 Jul 2025 13:45

Tgt Ion:180	Resp:	5024
Ion Ratio	Lower	Upper
180	100	
182	99.4	47.8 143.3
145	39.2	17.2 51.5

