

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063488.D
 Acq On : 11 Jul 2025 11:15
 Operator : MD/SY
 Sample : MDL04
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Quant Time: Jul 12 03:47:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	108587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	191208	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	176795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	88726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	76945	55.538	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.080%	
35) Dibromofluoromethane	5.277	113	60138	52.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.360%	
50) Toluene-d8	7.888	98	191834	51.060	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.120%	
62) 4-Bromofluorobenzene	10.624	95	85675	52.135	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.260%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	2378	2.754	ug/l	91
3) Chloromethane	1.519	50	3297	3.134	ug/l	91
4) Vinyl Chloride	1.599	62	3834	3.287	ug/l	99
5) Bromomethane	1.843	94	3775	4.620	ug/l	97
6) Chloroethane	1.921	64	2388	2.826	ug/l	94
7) Trichlorofluoromethane	2.126	101	5393	2.866	ug/l	100
8) Diethyl Ether	2.368	74	2202	2.808	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.567	101	3322	2.985	ug/l	94
10) Methyl Iodide	2.708	142	3342	2.875	ug/l #	96
11) Tert butyl alcohol	3.197	59	9834	21.170	ug/l	100
12) 1,1-Dichloroethene	2.564	96	3435	3.316	ug/l	95
13) Acrolein	2.477	56	964	14.703	ug/l #	63
14) Allyl chloride	2.908	41	8124	3.294	ug/l	97
15) Acrylonitrile	3.306	53	17929	18.019	ug/l	99
16) Acetone	2.622	43	18509	15.926	ug/l	98
17) Carbon Disulfide	2.776	76	9168	3.702	ug/l #	94
18) Methyl Acetate	2.943	43	8741	2.923	ug/l	99
19) Methyl tert-butyl Ether	3.358	73	12778	2.860	ug/l	98
20) Methylene Chloride	3.030	84	4604	2.717	ug/l	95
21) trans-1,2-Dichloroethene	3.335	96	3839	3.449	ug/l	90
22) Diisopropyl ether	3.991	45	11442	2.725	ug/l #	68
23) Vinyl Acetate	3.956	43	45203	13.874	ug/l	95
24) 1,1-Dichloroethane	3.850	63	6737	2.827	ug/l	96
25) 2-Butanone	4.721	43	20612	15.799	ug/l	93
26) 2,2-Dichloropropane	4.644	77	5422	2.615	ug/l	83
27) cis-1,2-Dichloroethene	4.647	96	1721	1.171	ug/l #	1
28) Bromochloromethane	4.966	49	3426	3.061	ug/l #	92
29) Tetrahydrofuran	5.062	42	14627	17.773	ug/l	91
30) Chloroform	5.072	83	7098	2.821	ug/l	99
31) Cyclohexane	5.367	56	8364	4.366	ug/l #	72
32) 1,1,1-Trichloroethane	5.297	97	5980	2.791	ug/l	97
36) 1,1-Dichloropropene	5.515	75	5036	3.216	ug/l	92
37) Ethyl Acetate	4.827	43	4223	1.665	ug/l #	89
38) Carbon Tetrachloride	5.506	117	4987	2.890	ug/l	90
39) Methylcyclohexane	6.753	83	5806	3.068	ug/l	98
40) Benzene	5.766	78	13743	2.810	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.991	41	3246	2.712	ug/l #	87
42) 1,2-Dichloroethane	5.795	62	5153	2.802	ug/l	96
43) Isopropyl Acetate	5.924	43	9455	2.807	ug/l #	88
44) Trichloroethene	6.535	130	3662	2.798	ug/l	94
45) 1,2-Dichloropropane	6.782	63	3608	2.654	ug/l	99
46) Dibromomethane	6.917	93	3013	3.115	ug/l #	78
47) Bromodichloromethane	7.094	83	5170	2.570	ug/l	100
48) Methyl methacrylate	6.965	41	4942	3.174	ug/l #	84
49) 1,4-Dioxane	6.972	88	2836	83.002	ug/l	96
51) 4-Methyl-2-Pentanone	7.789	43	44530	18.262	ug/l	95
52) Toluene	7.965	92	9058	2.831	ug/l	98
53) t-1,3-Dichloropropene	8.210	75	4324	2.456	ug/l	98
54) cis-1,3-Dichloropropene	7.602	75	5030	2.553	ug/l #	90
55) 1,1,2-Trichloroethane	8.393	97	3632	2.673	ug/l	93
56) Ethyl methacrylate	8.335	69	5977	2.727	ug/l #	86
57) 1,3-Dichloropropane	8.570	76	6192	2.765	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.470	63	20	0.879	ug/l #	65
59) 2-Hexanone	8.682	43	37197	20.169	ug/l	98
60) Dibromochloromethane	8.805	129	3432	2.255	ug/l	93
61) 1,2-Dibromoethane	8.917	107	3411	2.558	ug/l	97
64) Tetrachloroethene	8.544	164	3457	2.627	ug/l	95
65) Chlorobenzene	9.441	112	11037	3.001	ug/l	93
66) 1,1,1,2-Tetrachloroethane	9.525	131	3100	2.457	ug/l	86
67) Ethyl Benzene	9.563	91	17695	2.799	ug/l	100
68) m/p-Xylenes	9.689	106	13710	5.683	ug/l	100
69) o-Xylene	10.097	106	6347	2.588	ug/l	92
70) Styrene	10.113	104	10308	2.643	ug/l	95
71) Bromoform	10.284	173	2413	2.195	ug/l #	100
73) Isopropylbenzene	10.477	105	18208	3.016	ug/l	95
74) N-amyl acetate	10.316	43	10075	3.721	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	10.776	83	6618	2.978	ug/l	97
76) 1,2,3-Trichloropropane	10.817	75	6656	2.831	ug/l #	81
77) Bromobenzene	10.782	156	4523	3.056	ug/l	94
78) n-propylbenzene	10.901	91	21479	3.068	ug/l	100
79) 2-Chlorotoluene	10.981	91	12724	2.898	ug/l	94
80) 1,3,5-Trimethylbenzene	11.081	105	14505	2.747	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.624	75	46994	99.691	ug/l #	12
82) 4-Chlorotoluene	11.094	91	14512	2.911	ug/l	99
83) tert-Butylbenzene	11.412	119	14830	2.929	ug/l	95
84) 1,2,4-Trimethylbenzene	11.464	105	14988	2.890	ug/l	97
85) sec-Butylbenzene	11.634	105	19539	2.924	ug/l	99
86) p-Isopropyltoluene	11.785	119	16746	3.089	ug/l	99
87) 1,3-Dichlorobenzene	11.740	146	8357	2.931	ug/l	93
88) 1,4-Dichlorobenzene	11.830	146	9784	3.365	ug/l	88
89) n-Butylbenzene	12.203	91	19001	3.787	ug/l	95
90) Hexachloroethane	12.467	117	2270	2.504	ug/l	80
91) 1,2-Dichlorobenzene	12.210	146	8391	3.018	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.997	75	1807	3.433	ug/l	91
93) 1,2,4-Trichlorobenzene	13.840	180	7080	3.976	ug/l	99
94) Hexachlorobutadiene	14.013	225	2097	2.755	ug/l	96
95) Naphthalene	14.087	128	34855	5.976	ug/l	100
96) 1,2,3-Trichlorobenzene	14.325	180	6888	3.936	ug/l	97

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL04

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 12 03:41:46 2025
Response via : Initial Calibration

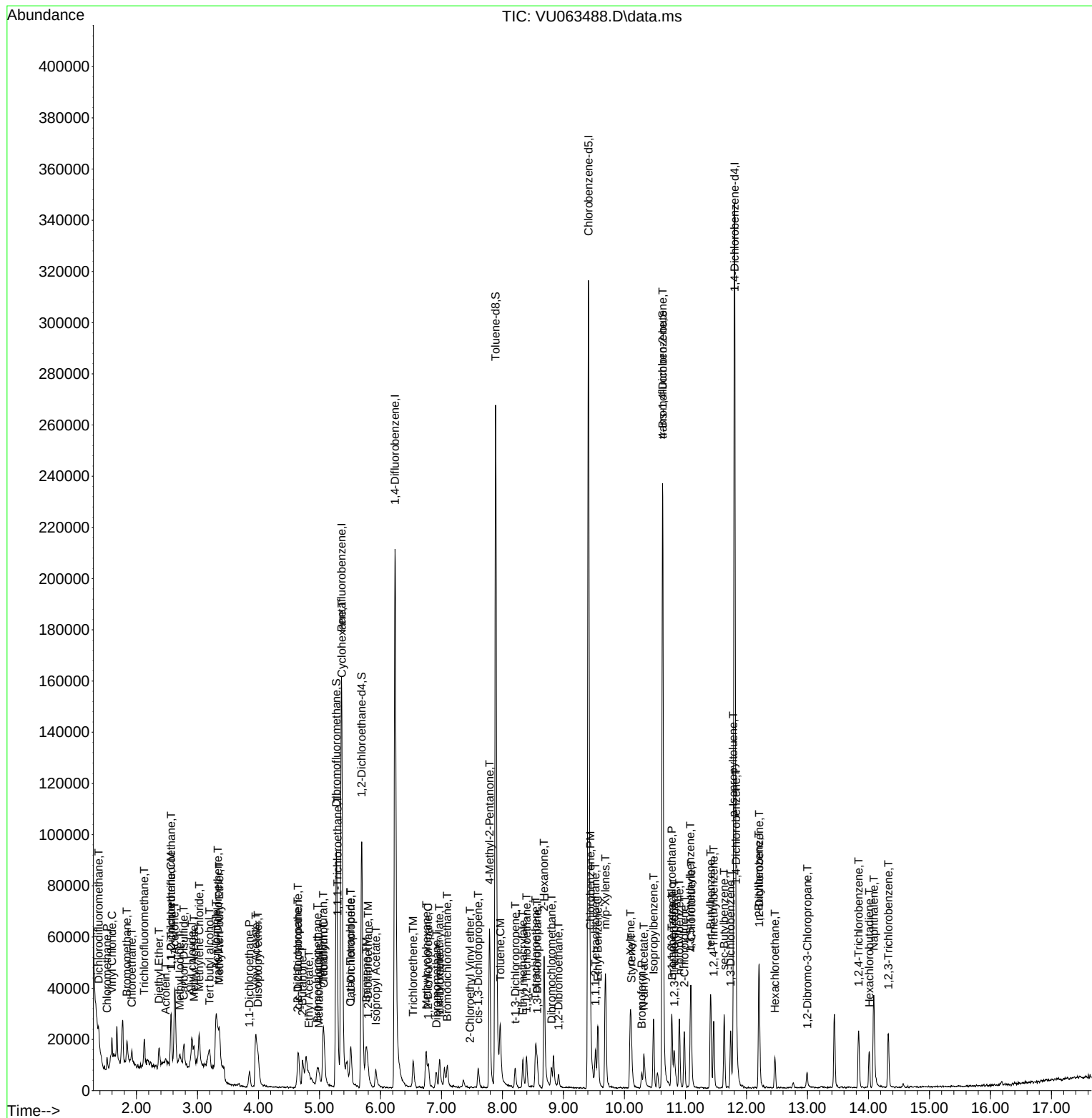
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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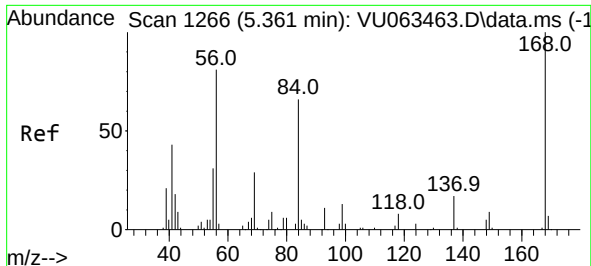
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 12 03:41:46 2025
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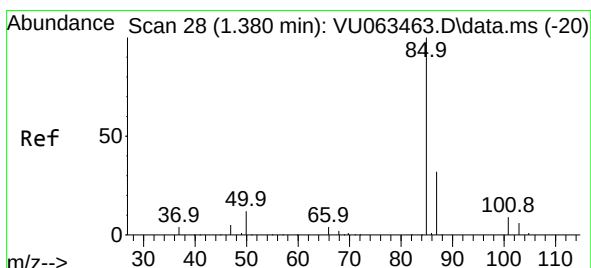
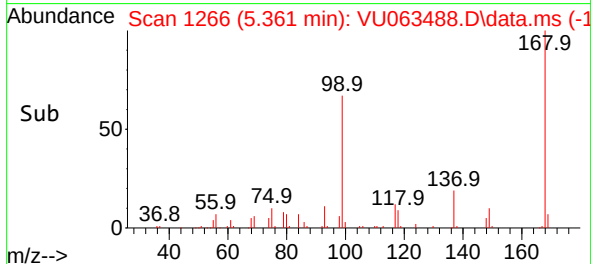
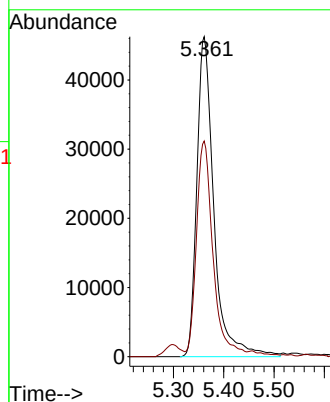
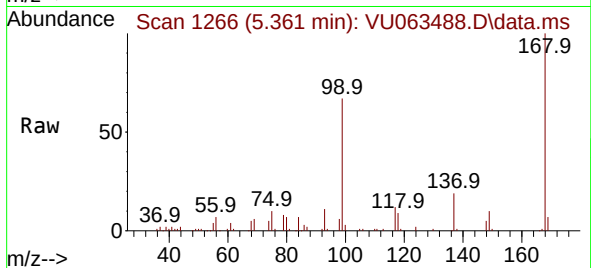




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063488.D
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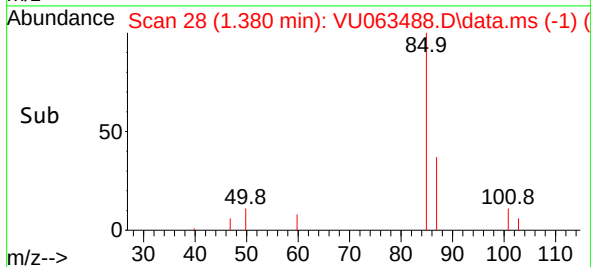
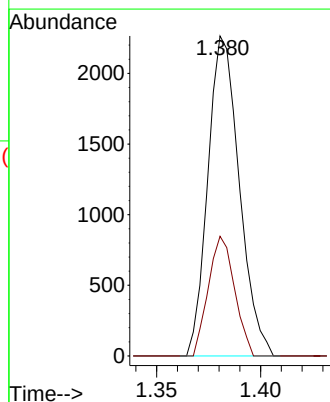
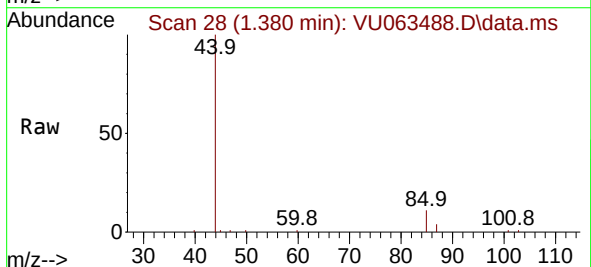
Instrument :
MSVOA_U
ClientSampleId :
MDL04

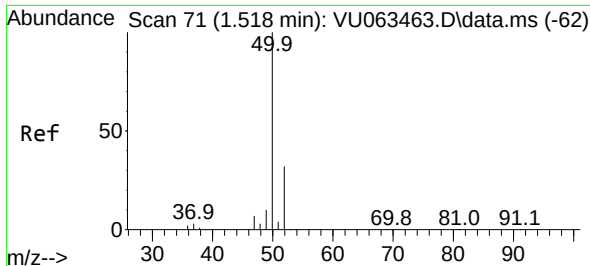
Tgt Ion:168 Resp: 108587
Ion Ratio Lower Upper
168 100
99 66.9 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 2.754 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 85 Resp: 2378
Ion Ratio Lower Upper
85 100
87 37.4 16.1 48.2





#3
Chloromethane
Concen: 3.134 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.001 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

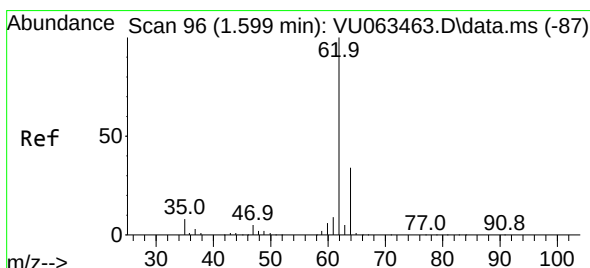
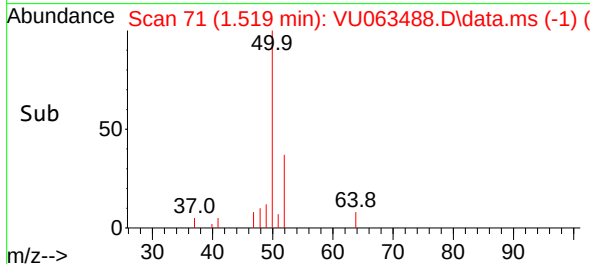
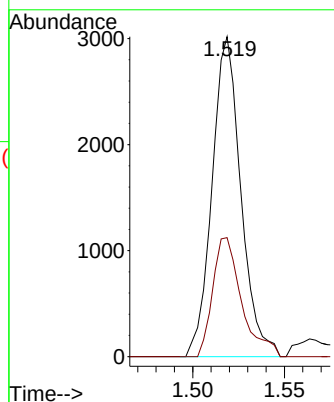
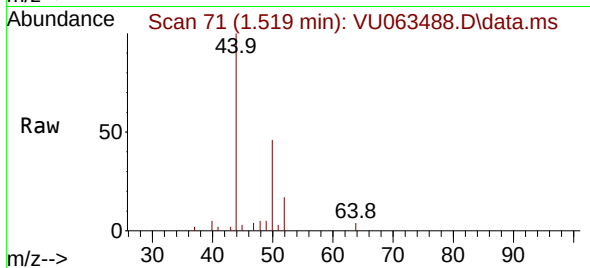
Instrument :

MSVOA_U

ClientSampleId :

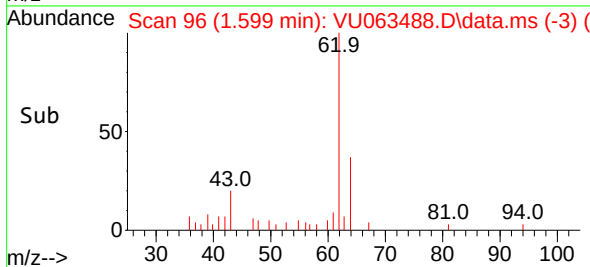
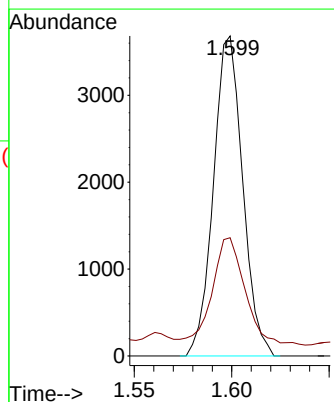
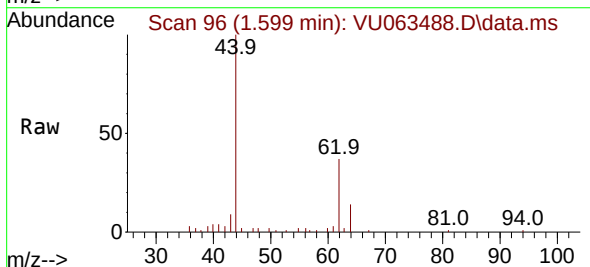
MDL04

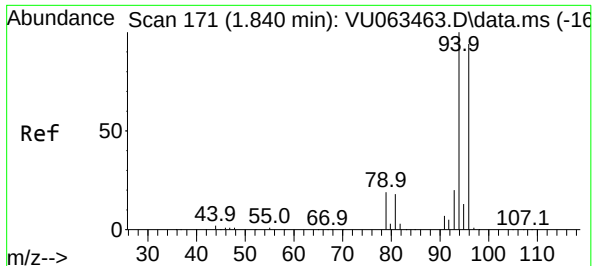
Tgt Ion: 50 Resp: 3297
Ion Ratio Lower Upper
50 100
52 37.2 25.8 38.8



#4
Vinyl Chloride
Concen: 3.287 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 62 Resp: 3834
Ion Ratio Lower Upper
62 100
64 32.9 26.9 40.3

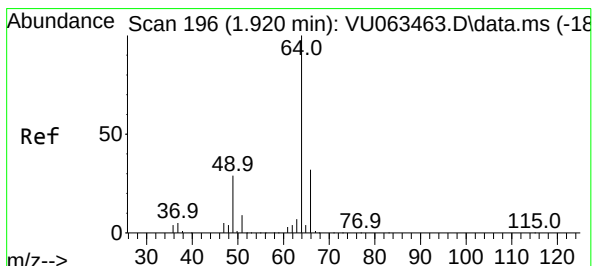
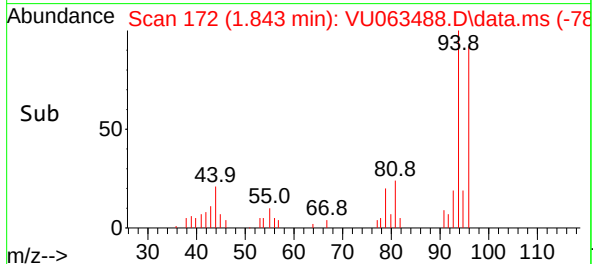
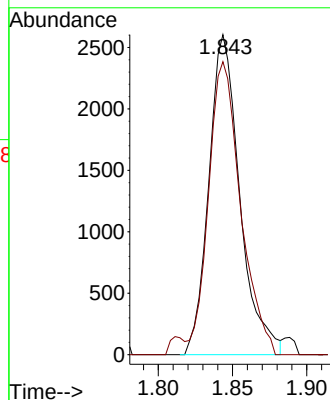
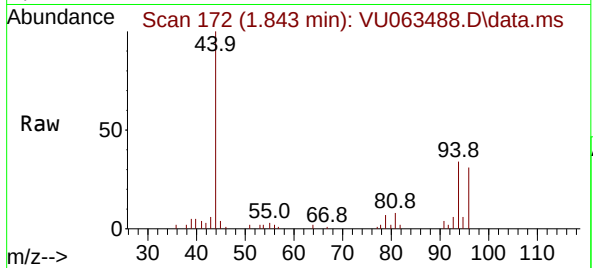




#5
Bromomethane
Concen: 4.620 ug/l
RT: 1.843 min Scan# 171
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

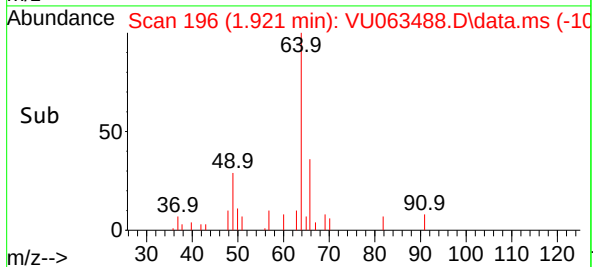
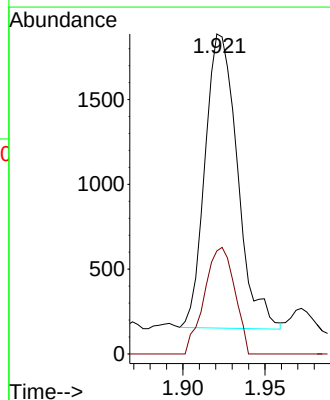
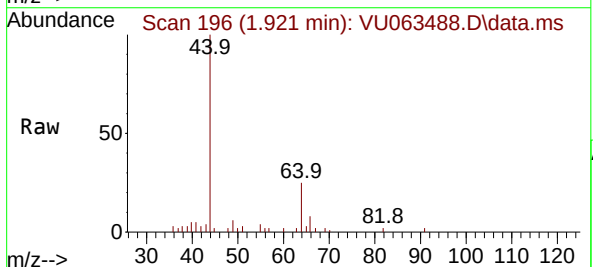
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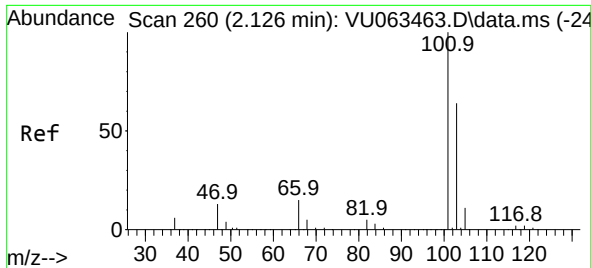
Tgt Ion: 94 Resp: 3775
Ion Ratio Lower Upper
94 100
96 91.6 75.5 113.3



#6
Chloroethane
Concen: 2.826 ug/l
RT: 1.921 min Scan# 196
Delta R.T. 0.001 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 64 Resp: 2388
Ion Ratio Lower Upper
64 100
66 35.1 25.3 37.9

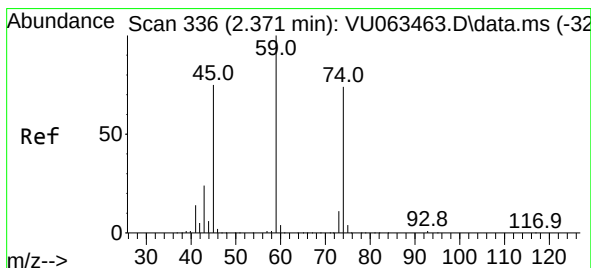
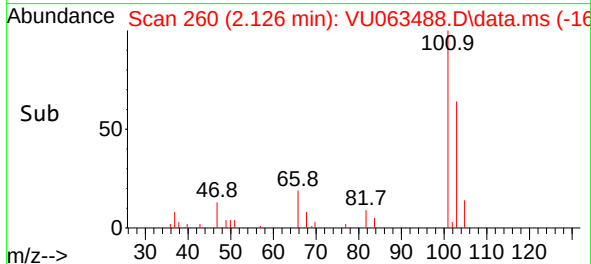
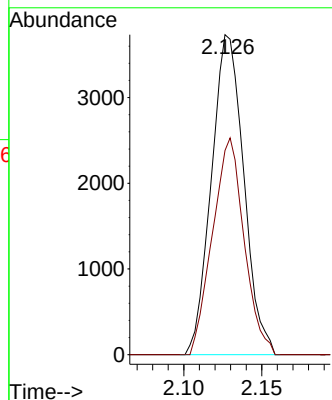
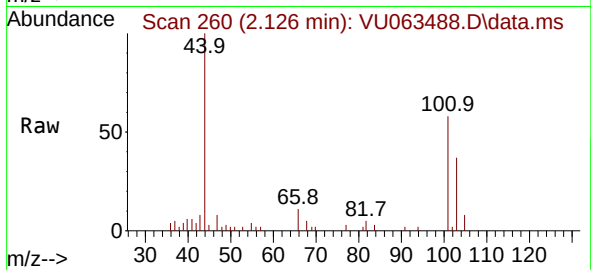




#7
Trichlorofluoromethane
Concen: 2.866 ug/l
RT: 2.126 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

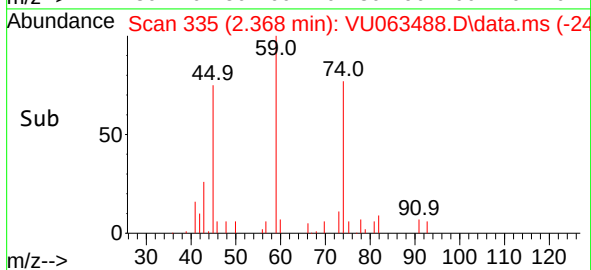
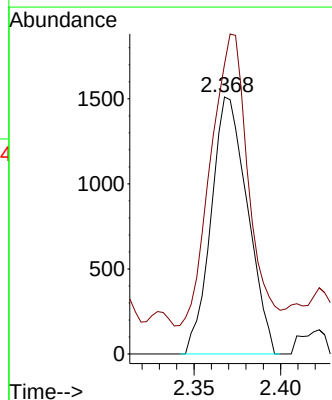
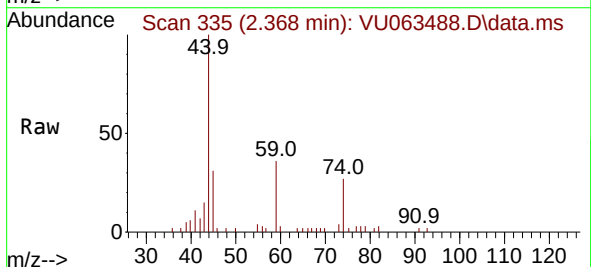
Instrument :
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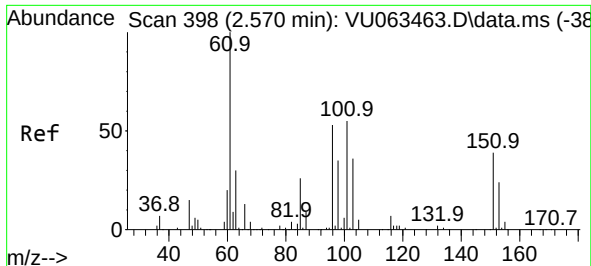
Tgt Ion:101 Resp: 5393
Ion Ratio Lower Upper
101 100
103 63.8 51.1 76.7



#8
Diethyl Ether
Concen: 2.808 ug/l
RT: 2.368 min Scan# 335
Delta R.T. -0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 74 Resp: 2202
Ion Ratio Lower Upper
74 100
45 115.9 49.7 149.1

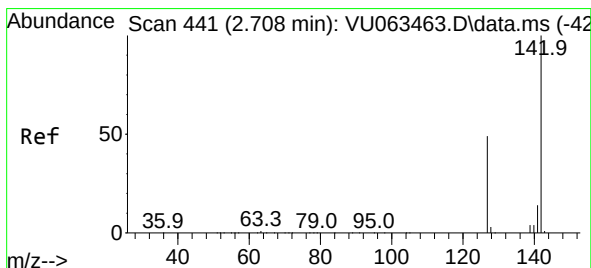
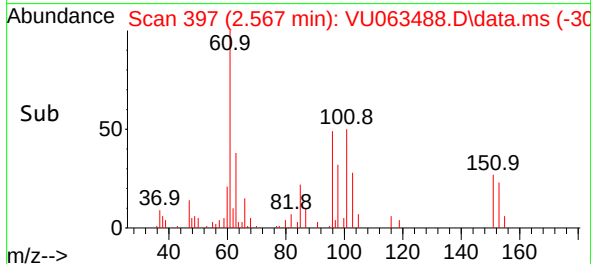
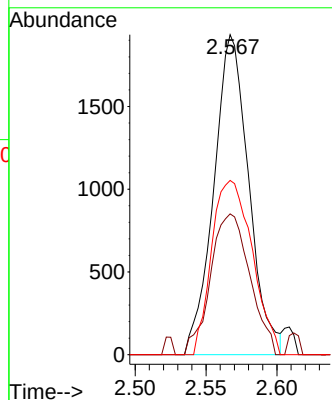
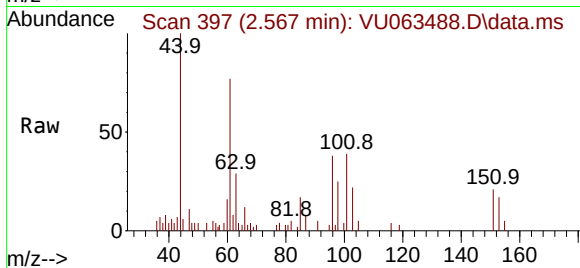




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.985 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

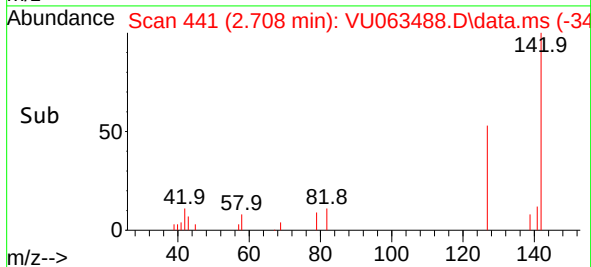
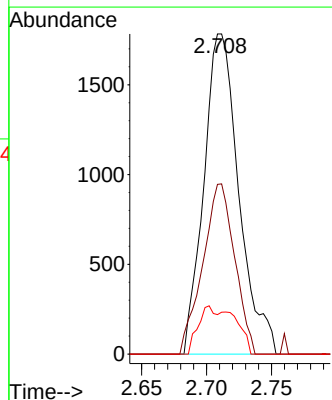
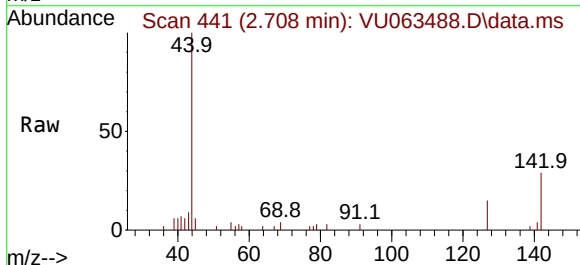
Instrument :
MSVOA_U
ClientSampleId :
MDL04

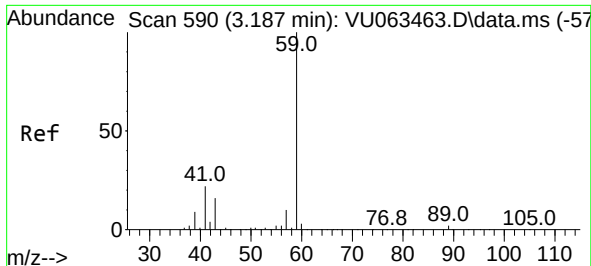
Tgt Ion:101 Resp: 3322
Ion Ratio Lower Upper
101 100
85 49.6 39.6 59.4
151 63.1 57.2 85.8



#10
Methyl Iodide
Concen: 2.875 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion:142 Resp: 3342
Ion Ratio Lower Upper
142 100
127 48.4 38.2 57.4
141 8.1 11.1 16.7#

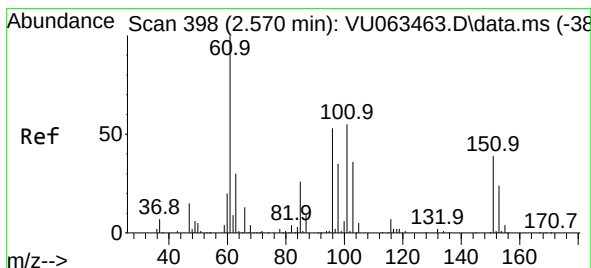
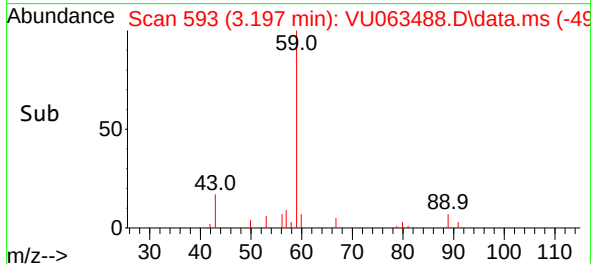
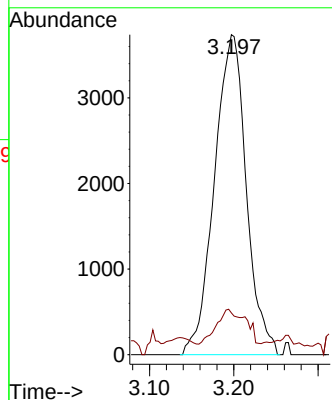
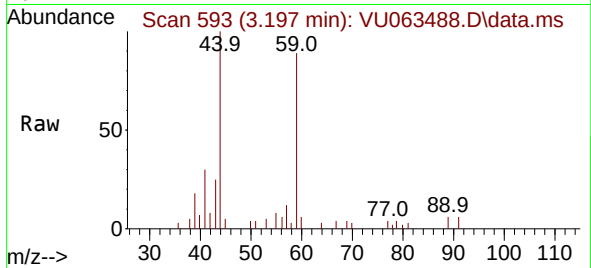




#11
Tert butyl alcohol
Concen: 21.170 ug/l
RT: 3.197 min Scan# 591
Delta R.T. 0.010 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

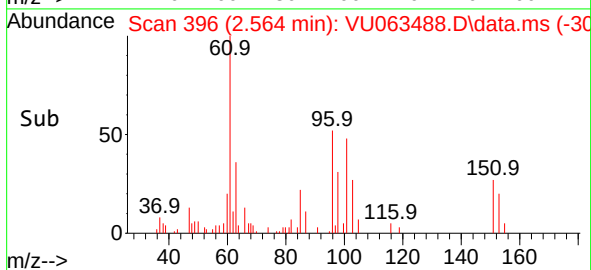
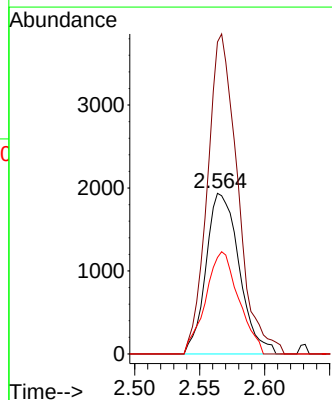
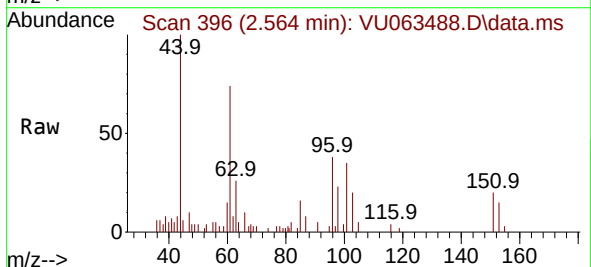
Instrument :
MSVOA_U
ClientSampleId :
MDL04

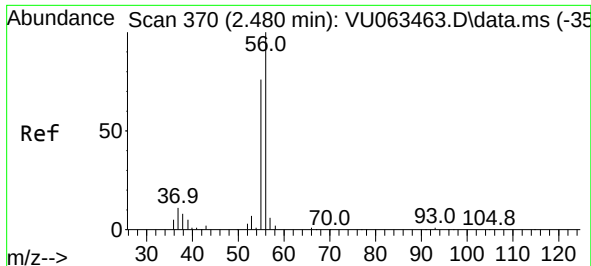
Tgt Ion: 59 Resp: 9834
Ion Ratio Lower Upper
59 100
57 10.9 8.8 13.2



#12
1,1-Dichloroethene
Concen: 3.316 ug/l
RT: 2.564 min Scan# 396
Delta R.T. -0.006 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 96 Resp: 3435
Ion Ratio Lower Upper
96 100
61 194.1 149.6 224.4
98 60.0 52.0 78.0

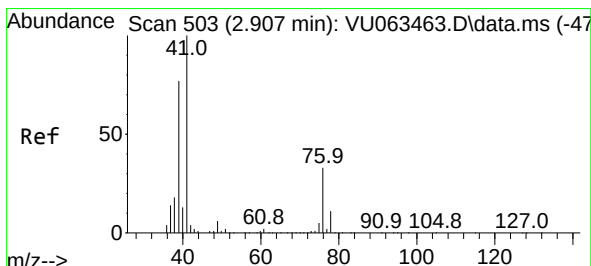
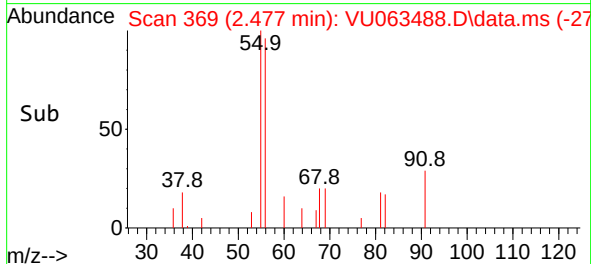
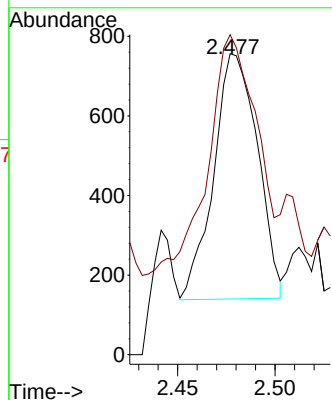
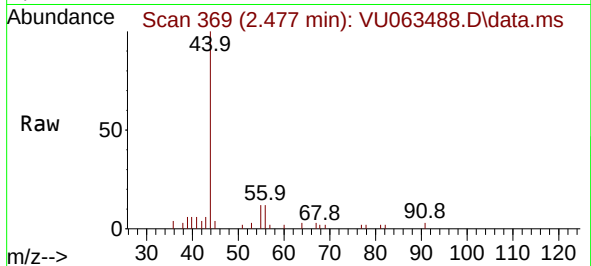




#13
Acrolein
Concen: 14.703 ug/l
RT: 2.477 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

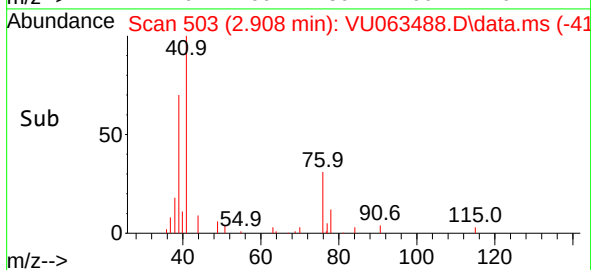
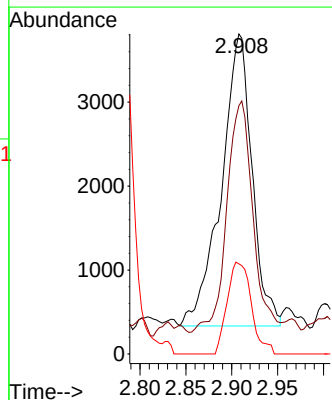
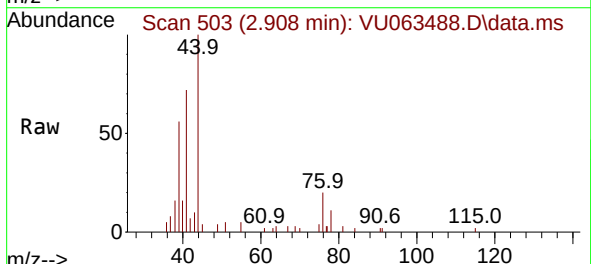
Instrument :
MSVOA_U
ClientSampleId :
MDL04

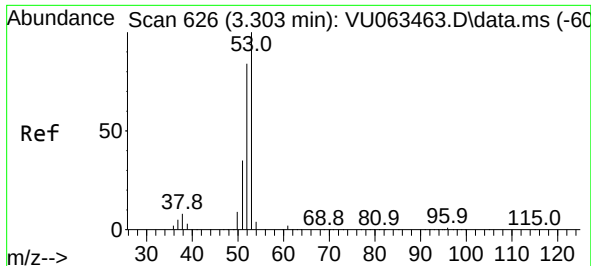
Tgt Ion: 56 Resp: 964
Ion Ratio Lower Upper
56 100
55 107.1 60.2 90.2#



#14
Allyl chloride
Concen: 3.294 ug/l
RT: 2.908 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 41 Resp: 8124
Ion Ratio Lower Upper
41 100
39 66.9 53.9 80.9
76 24.7 23.1 34.7

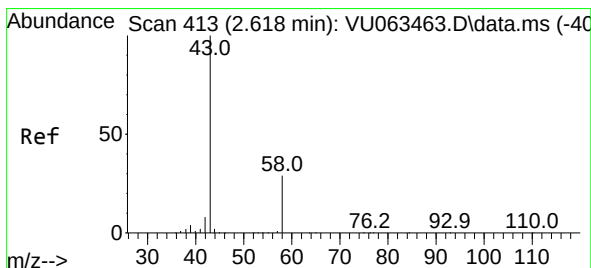
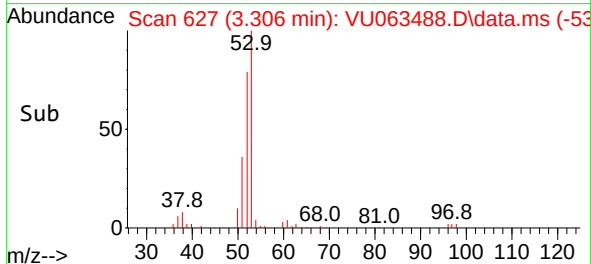
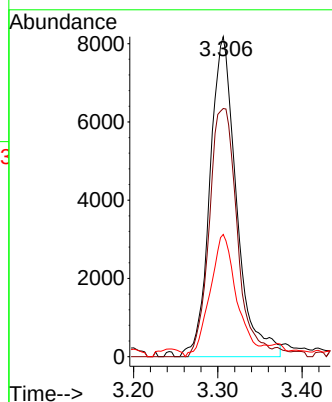
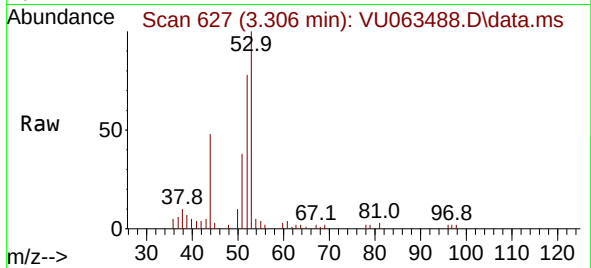




#15
Acrylonitrile
Concen: 18.019 ug/l
RT: 3.306 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

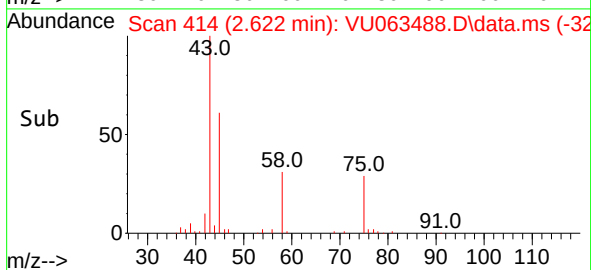
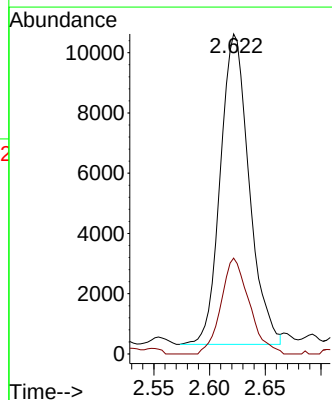
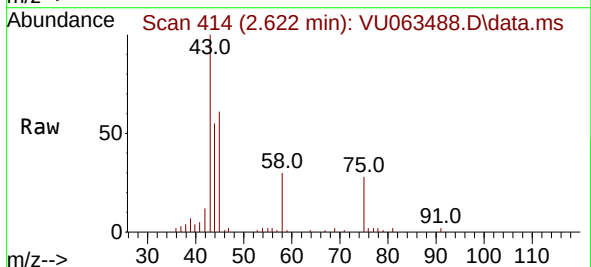
Instrument :
MSVOA_U
ClientSampleId :
MDL04

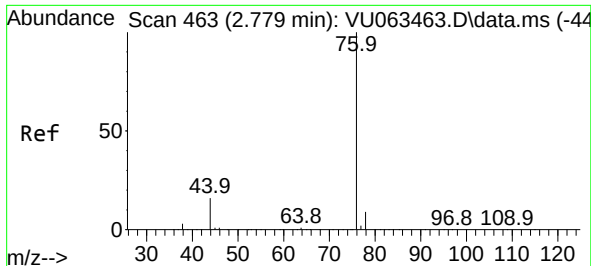
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.0	97.4
51	38.3	28.8	43.2



#16
Acetone
Concen: 15.926 ug/l
RT: 2.622 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.1	34.7

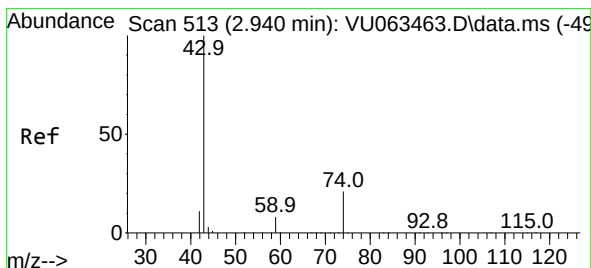
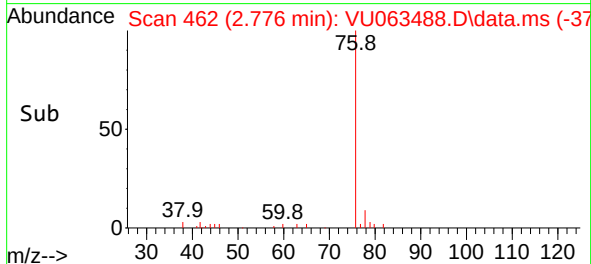
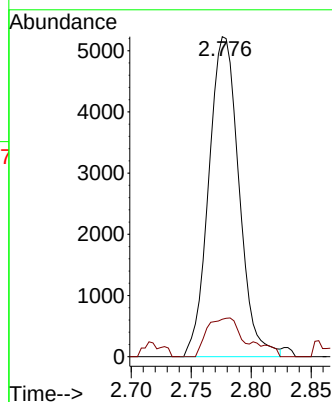
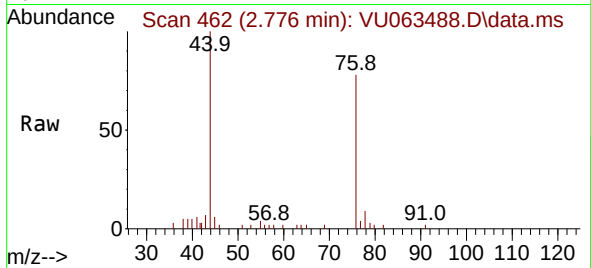




#17
Carbon Disulfide
Concen: 3.702 ug/l
RT: 2.776 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

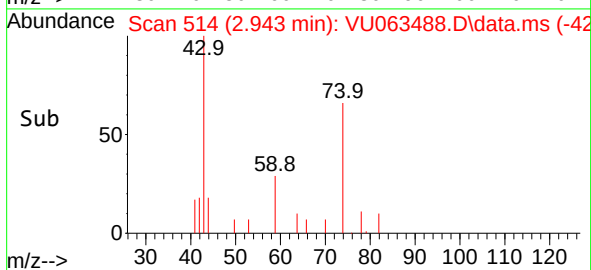
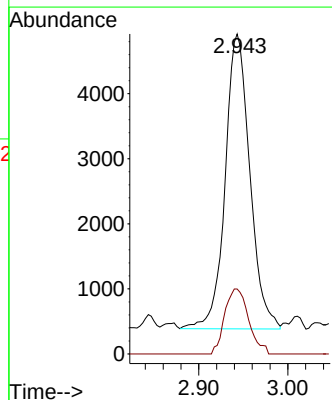
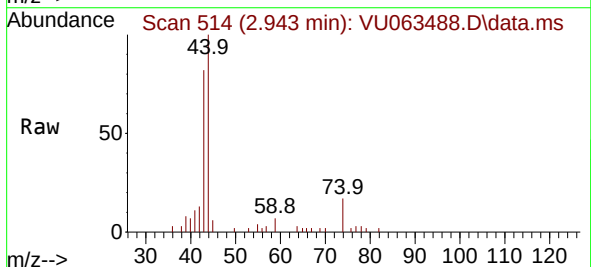
Instrument :
MSVOA_U
ClientSampleId :
MDL04

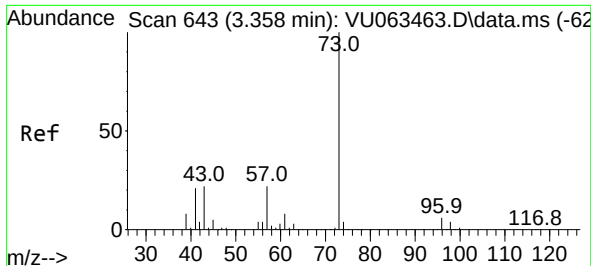
Tgt Ion: 76 Resp: 9168
Ion Ratio Lower Upper
76 100
78 11.7 7.5 11.3#



#18
Methyl Acetate
Concen: 2.923 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 43 Resp: 8741
Ion Ratio Lower Upper
43 100
74 21.3 17.3 25.9

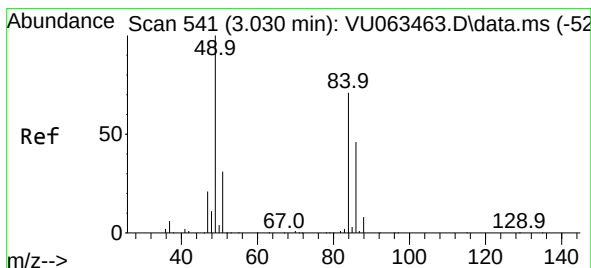
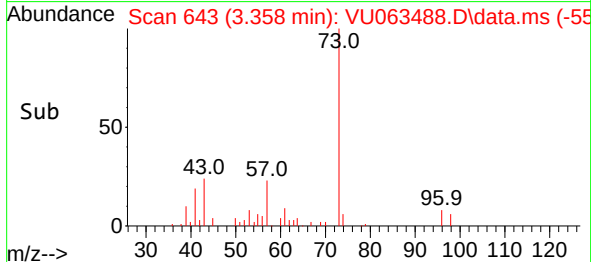
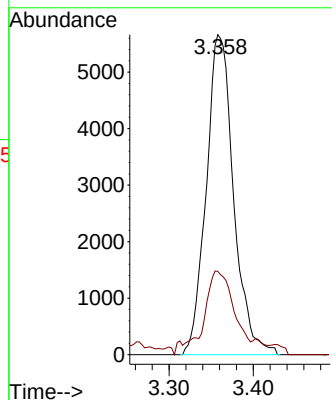
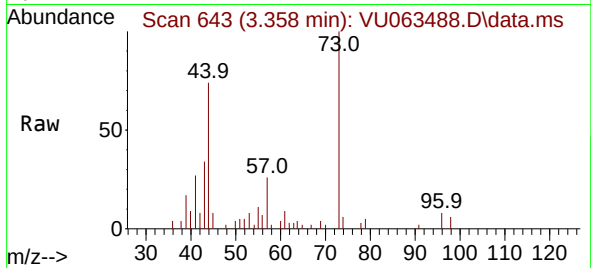




#19
Methyl tert-butyl Ether
Concen: 2.860 ug/l
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

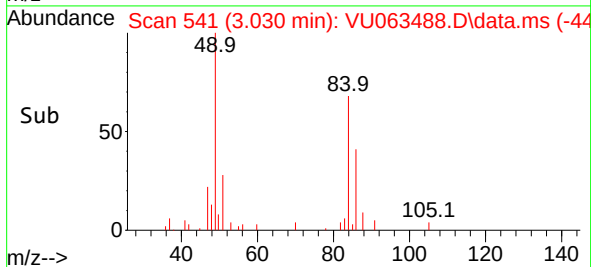
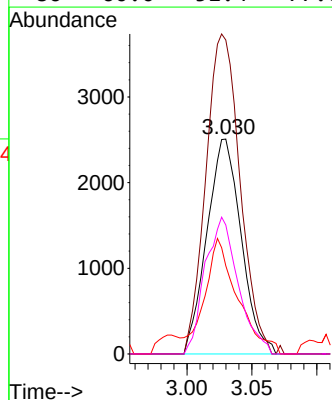
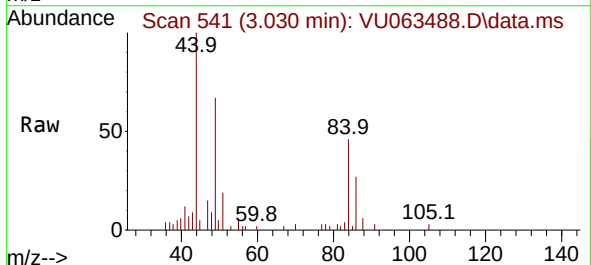
Instrument :
MSVOA_U
ClientSampleId :
MDL04

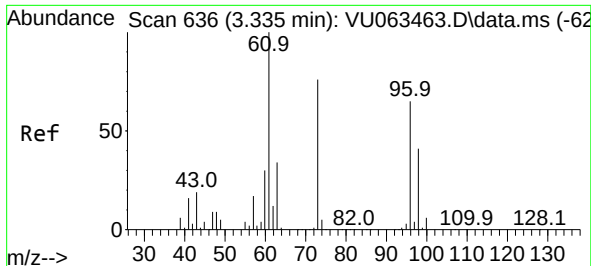
Tgt Ion: 73 Resp: 12778
Ion Ratio Lower Upper
73 100
57 23.3 17.8 26.6



#20
Methylene Chloride
Concen: 2.717 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 84 Resp: 4604
Ion Ratio Lower Upper
84 100
49 146.0 112.1 168.1
51 41.1 34.4 51.6
86 60.0 51.4 77.0

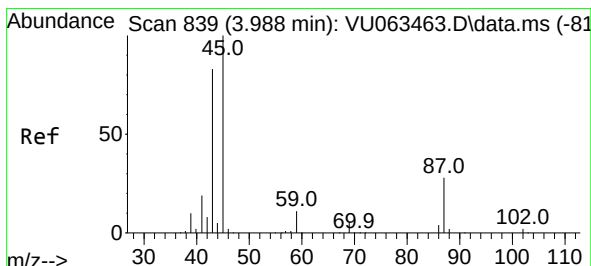
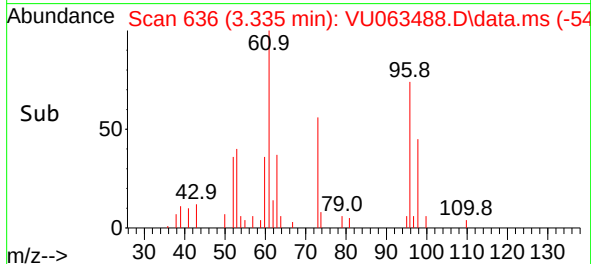
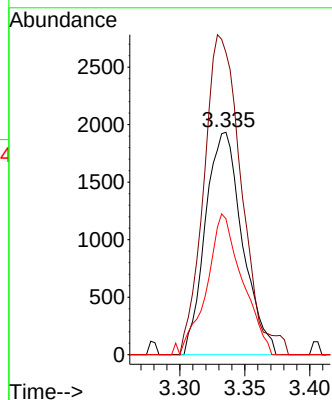
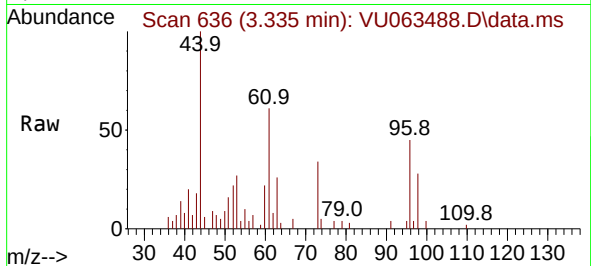




#21
trans-1,2-Dichloroethene
Concen: 3.449 ug/l
RT: 3.335 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

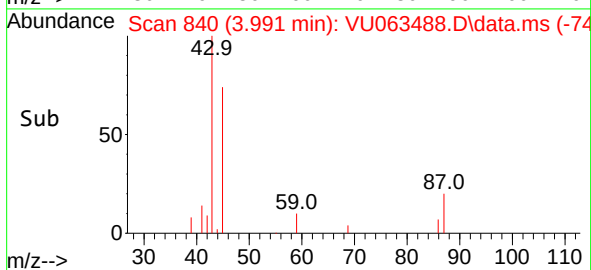
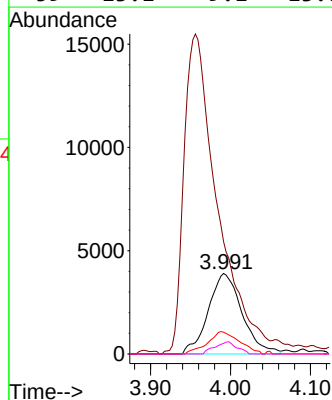
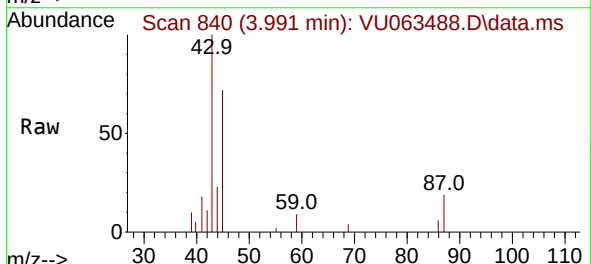
Instrument :
MSVOA_U
ClientSampleId :
MDL04

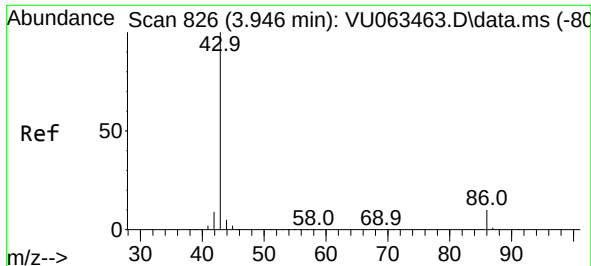
Tgt Ion: 96 Resp: 3839
Ion Ratio Lower Upper
96 100
61 135.9 122.2 183.4
98 61.1 49.9 74.9



#22
Diisopropyl ether
Concen: 2.725 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 45 Resp: 11442
Ion Ratio Lower Upper
45 100
43 124.6 66.5 99.7#
87 27.0 22.6 33.8
59 13.1 9.1 13.7

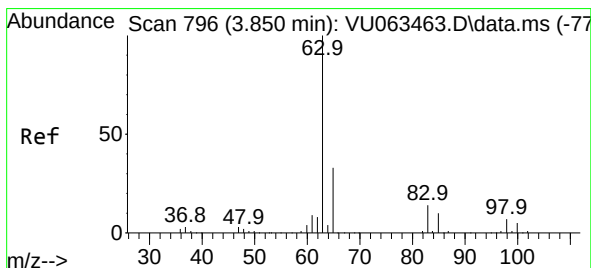
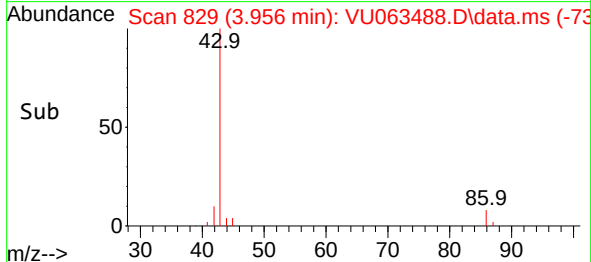
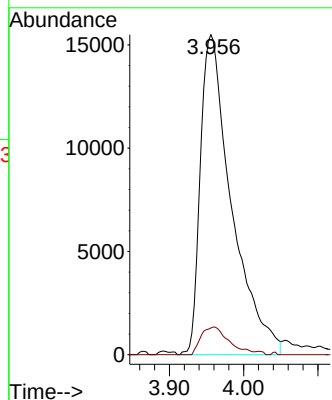
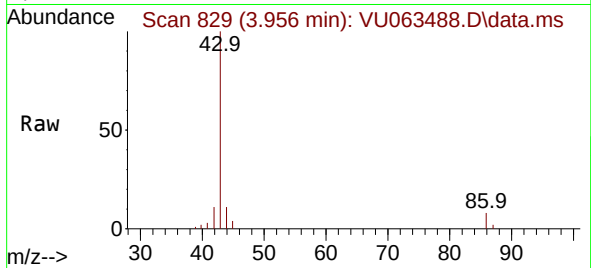




#23
 Vinyl Acetate
 Concen: 13.874 ug/l
 RT: 3.956 min Scan# 81
 Delta R.T. 0.010 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

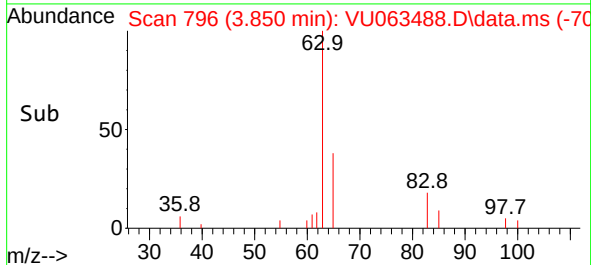
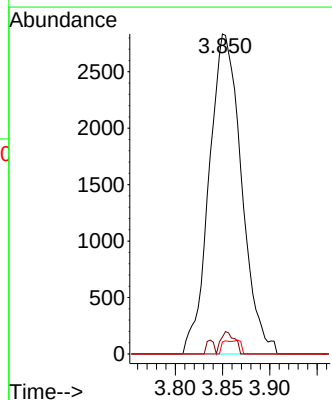
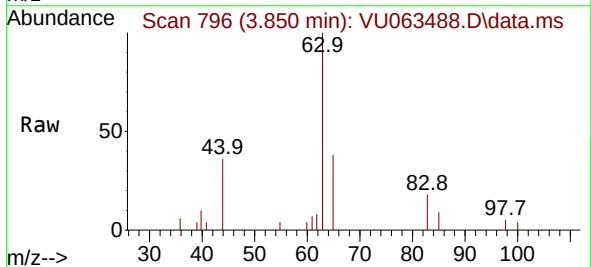
Instrument :
 MSVOA_U
 ClientSampleId :
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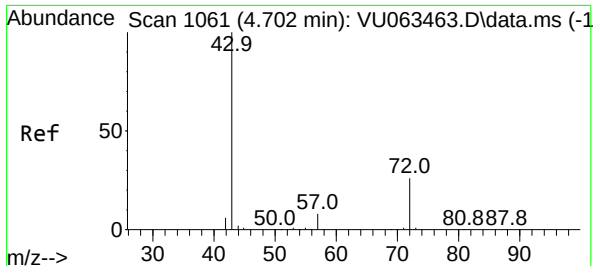
Tgt Ion: 43 Resp: 45203
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 2.827 ug/l
 RT: 3.850 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

Tgt Ion: 63 Resp: 6737
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.6 10.9
 100 3.8 2.3 6.8

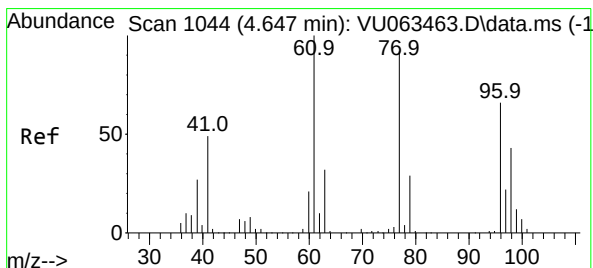
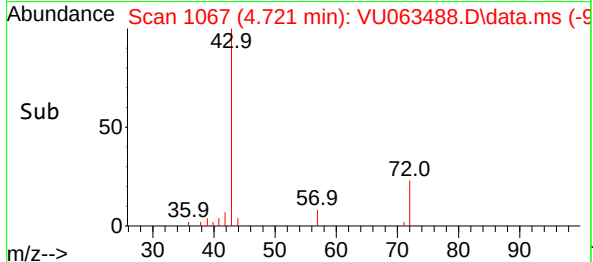
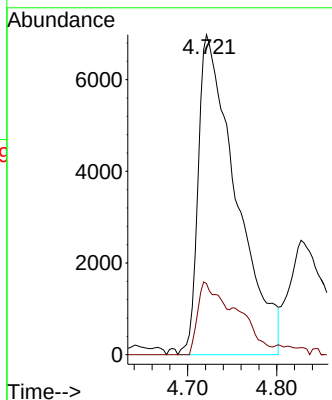
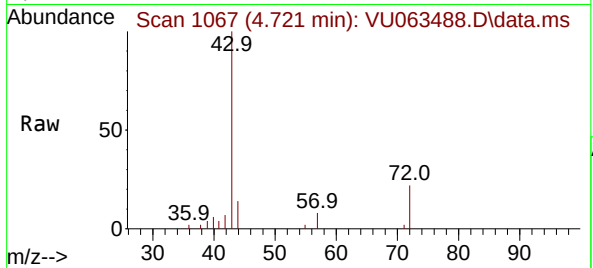




#25
2-Butanone
Concen: 15.799 ug/l
RT: 4.721 min Scan# 1067
Delta R.T. 0.020 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

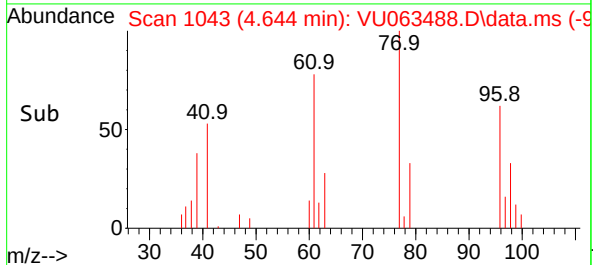
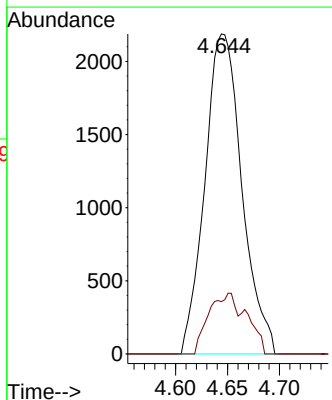
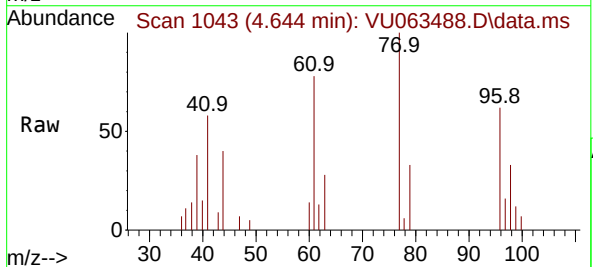
Instrument :
MSVOA_U
ClientSampleId :
MDL04

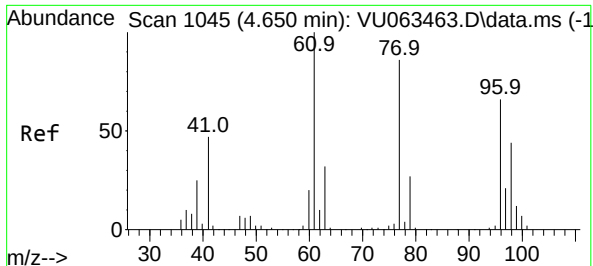
Tgt Ion: 43 Resp: 20612
Ion Ratio Lower Upper
43 100
72 22.2 20.7 31.1



#26
2,2-Dichloropropane
Concen: 2.615 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 77 Resp: 5422
Ion Ratio Lower Upper
77 100
97 15.0 11.8 35.3

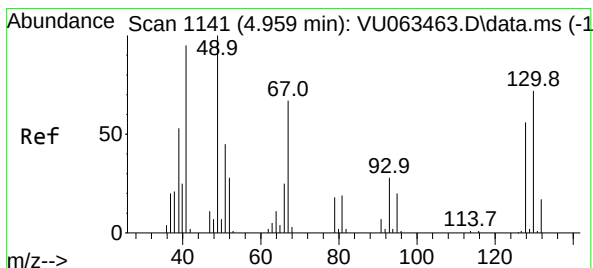
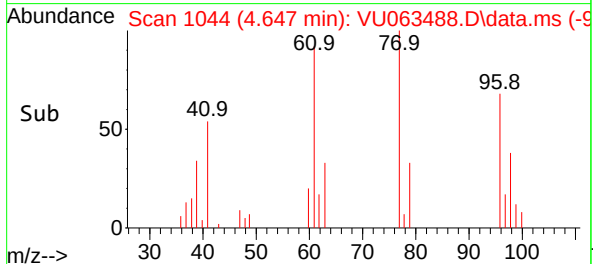
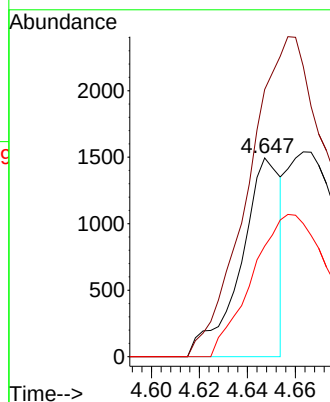
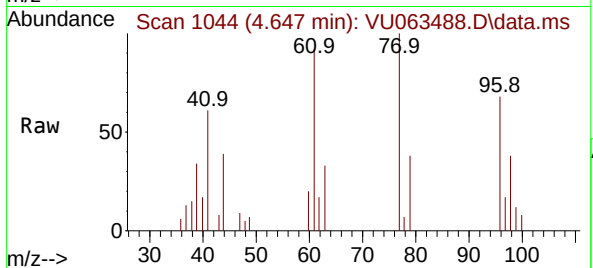




#27
 cis-1,2-Dichloroethene
 Concen: 1.171 ug/l
 RT: 4.647 min Scan# 1044
 Delta R.T. -0.003 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

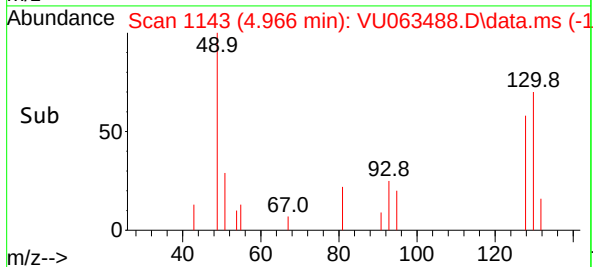
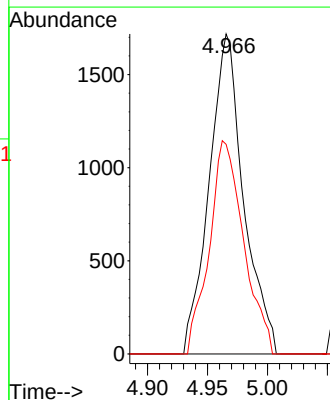
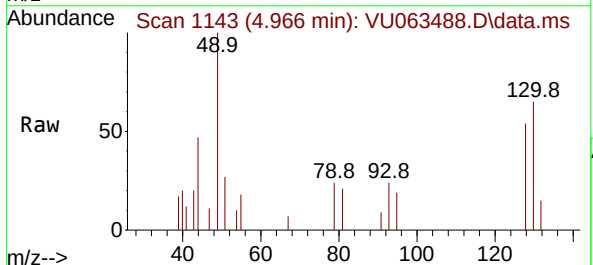
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

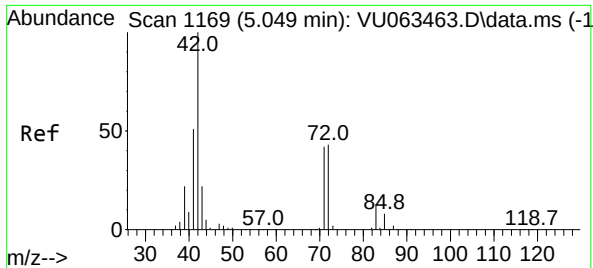
Tgt Ion: 96 Resp: 1721
 Ion Ratio Lower Upper
 96 100
 61 364.5 0.0 307.2#
 98 147.8 0.0 133.0#



#28
 Bromochloromethane
 Concen: 3.061 ug/l
 RT: 4.966 min Scan# 1143
 Delta R.T. 0.007 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

Tgt Ion: 49 Resp: 3426
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 66.5 59.0 88.4

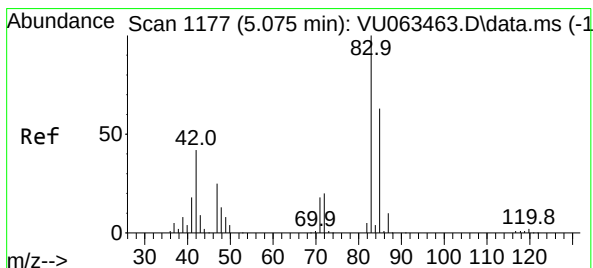
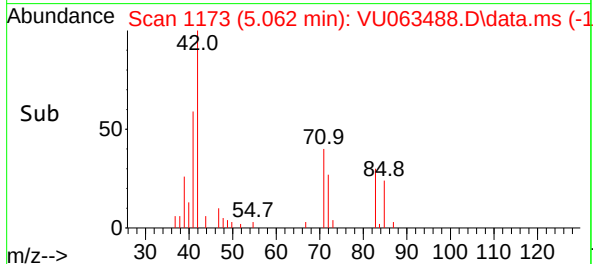
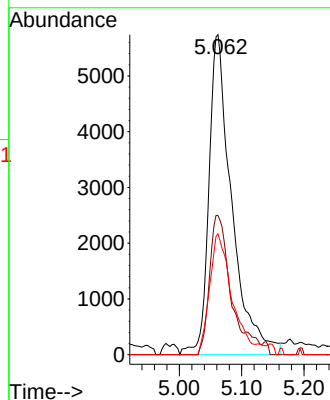
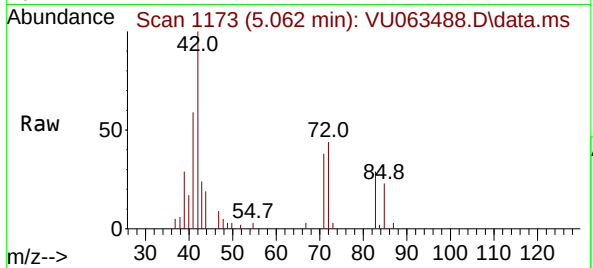




#29
Tetrahydrofuran
Concen: 17.773 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.013 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

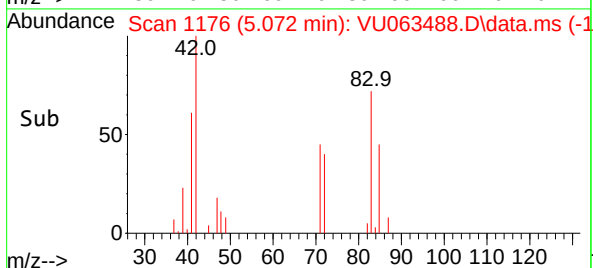
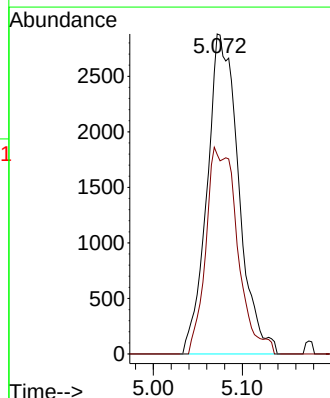
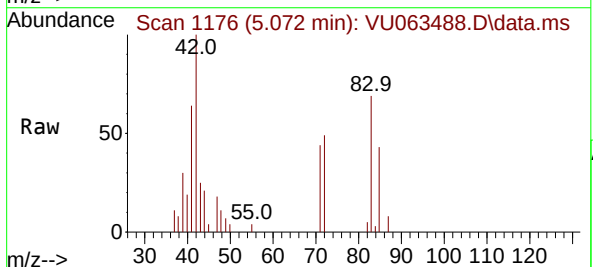
Instrument :
MSVOA_U
ClientSampleId :
MDL04

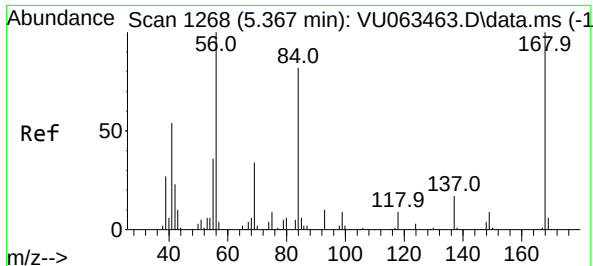
Tgt Ion:	42	Resp:	14627
Ion	Ratio	Lower	Upper
42	100		
72	37.5	36.2	54.4
71	37.9	33.3	49.9



#30
Chloroform
Concen: 2.821 ug/l
RT: 5.072 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion:	83	Resp:	7098
Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.7	76.1

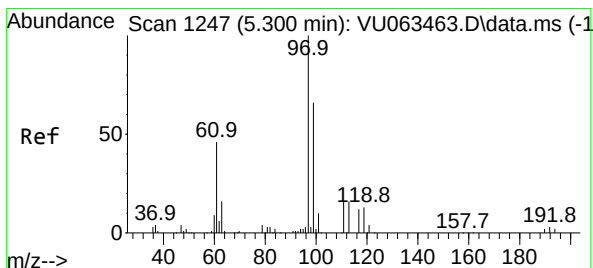
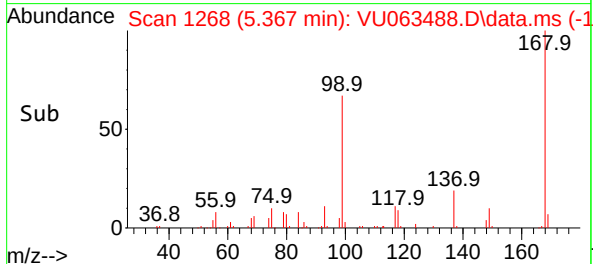
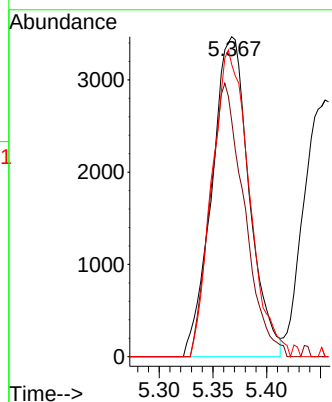
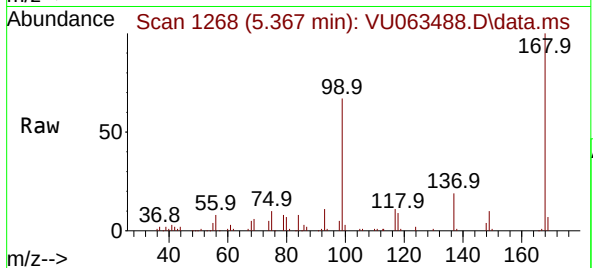




#31
Cyclohexane
Concen: 4.366 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

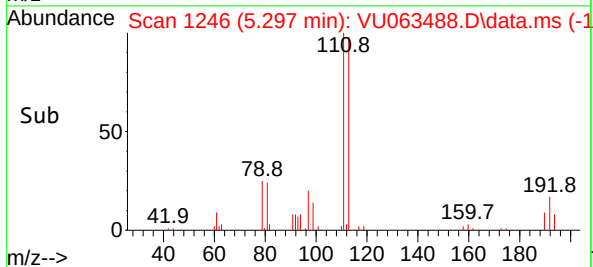
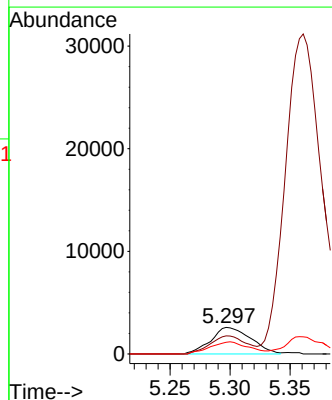
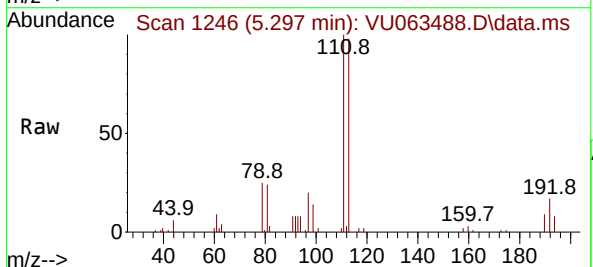
Instrument :
MSVOA_U
ClientSampleId :
MDL04

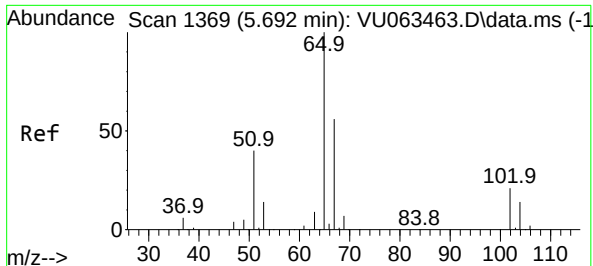
Tgt Ion: 56 Resp: 8364
Ion Ratio Lower Upper
56 100
69 73.7 27.0 40.4#
84 91.3 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 2.791 ug/l
RT: 5.297 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 97 Resp: 5980
Ion Ratio Lower Upper
97 100
99 61.2 50.4 75.6
61 43.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 55.538 ug/l

RT: 5.692 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

Instrument :

MSVOA_U

ClientSampleId :

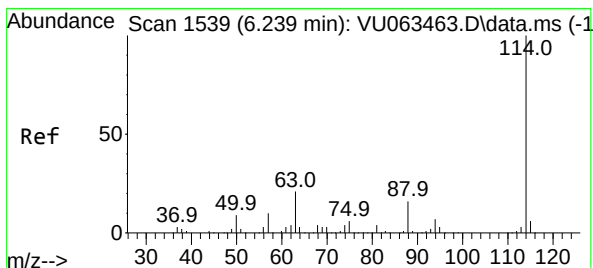
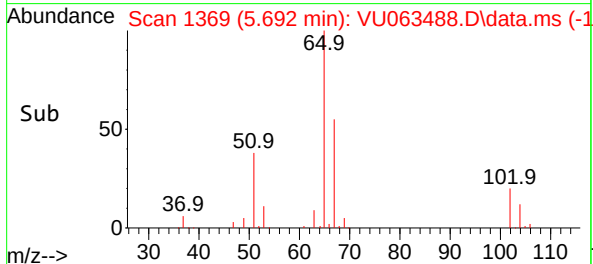
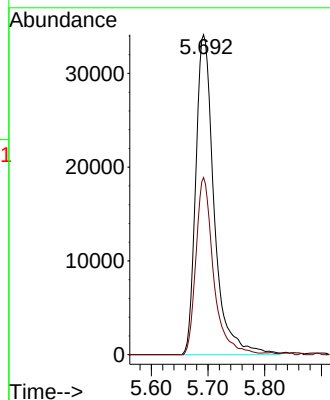
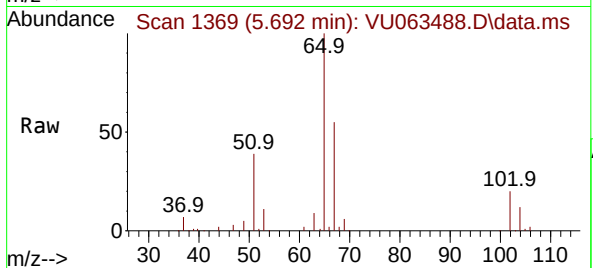
MDL04

Tgt Ion: 65 Resp: 76945

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.239 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

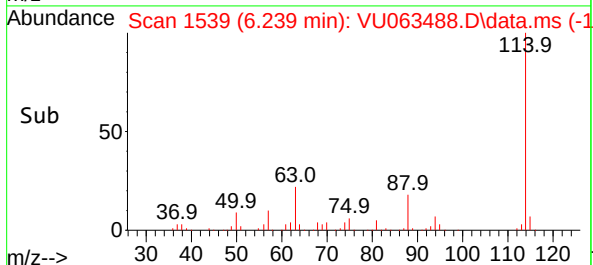
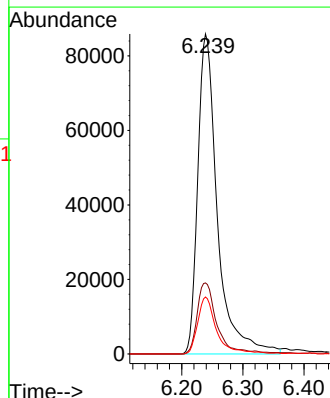
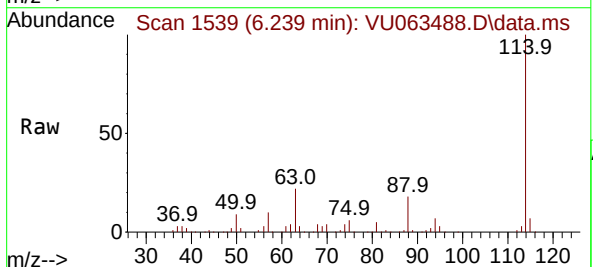
Tgt Ion: 114 Resp: 191208

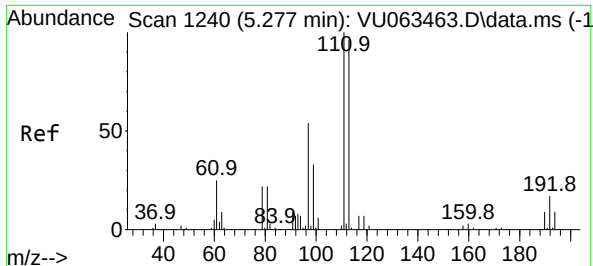
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.6

88 17.8 0.0 32.0

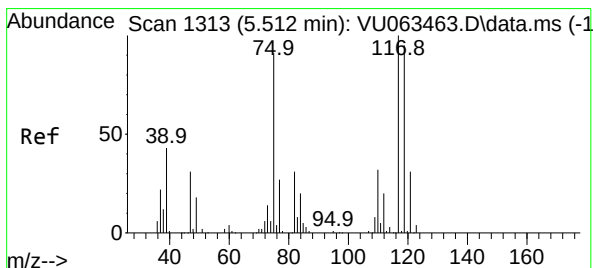
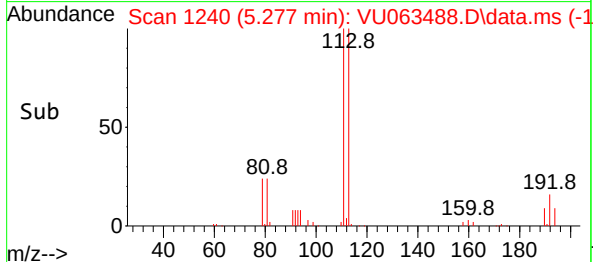
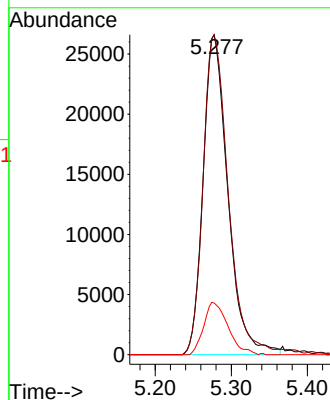
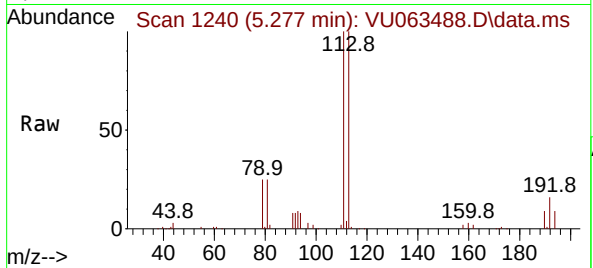




#35
Dibromofluoromethane
Concen: 52.177 ug/l
RT: 5.277 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

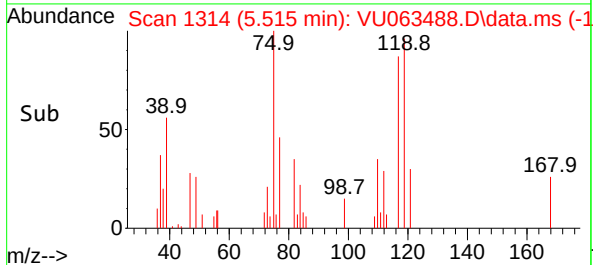
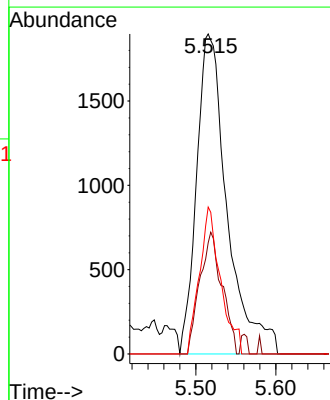
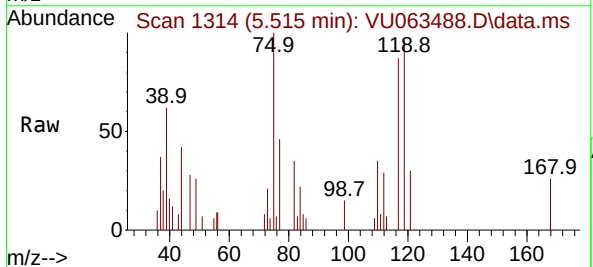
Instrument :
MSVOA_U
ClientSampleId :
MDL04

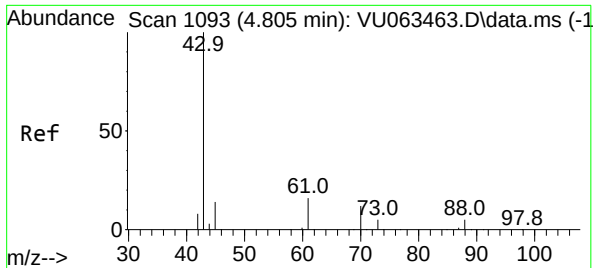
Tgt Ion:113 Resp: 60138
Ion Ratio Lower Upper
113 100
111 101.3 82.1 123.1
192 16.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 3.216 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 75 Resp: 5036
Ion Ratio Lower Upper
75 100
110 27.7 17.3 52.0
77 31.7 23.9 35.9





#37

Ethyl Acetate

Concen: 1.665 ug/l

RT: 4.827 min Scan# 1100

Delta R.T. 0.023 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

Instrument :

MSVOA_U

ClientSampleId :

MDL04

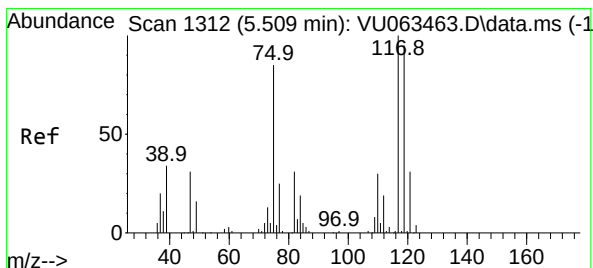
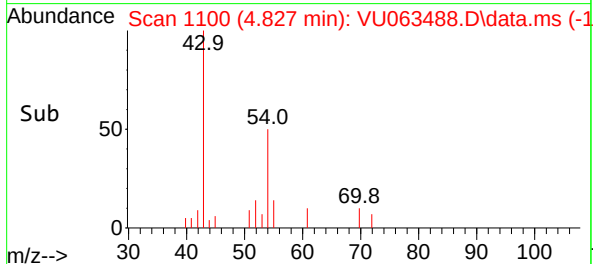
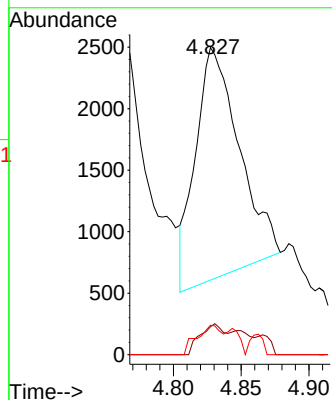
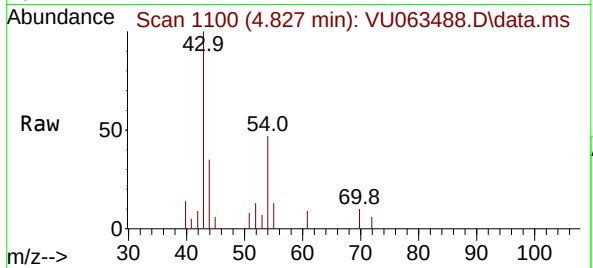
Tgt Ion: 43 Resp: 4223

Ion Ratio Lower Upper

43 100

61 7.6 10.4 15.6#

70 7.2 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.890 ug/l

RT: 5.506 min Scan# 1311

Delta R.T. -0.003 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

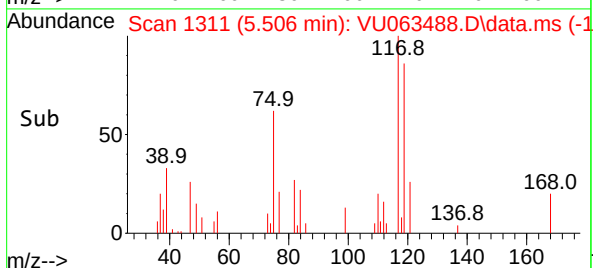
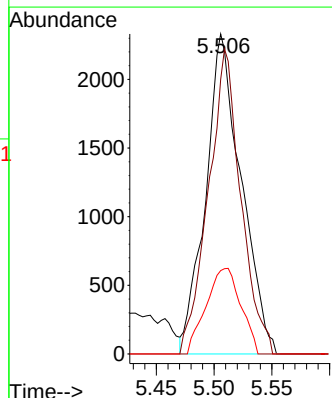
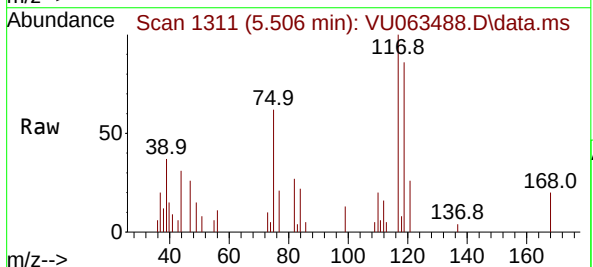
Tgt Ion: 117 Resp: 4987

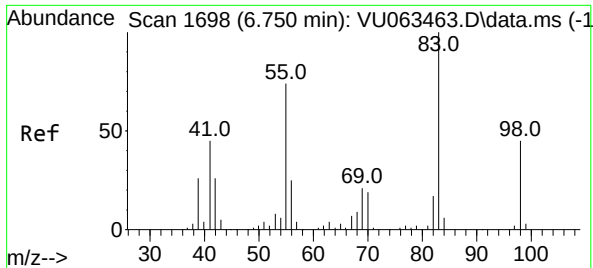
Ion Ratio Lower Upper

117 100

119 85.8 76.1 114.1

121 26.0 25.0 37.4





#39

Methylcyclohexane

Concen: 3.068 ug/l

RT: 6.753 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

Instrument :

MSVOA_U

ClientSampleId :

MDL04

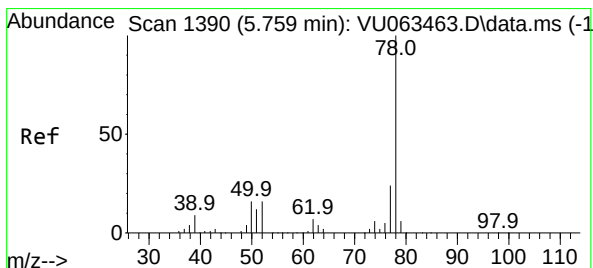
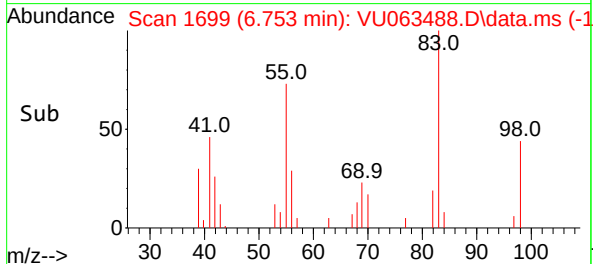
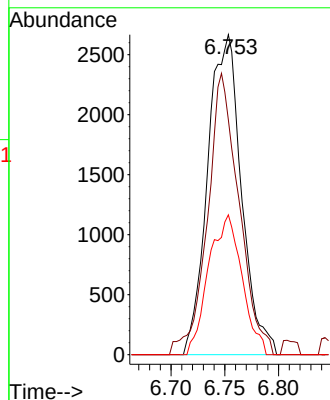
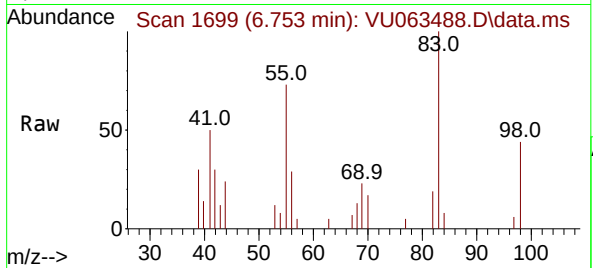
Tgt Ion: 83 Resp: 5806

Ion Ratio Lower Upper

83 100

55 73.4 59.4 89.2

98 43.7 36.2 54.4



#40

Benzene

Concen: 2.810 ug/l

RT: 5.766 min Scan# 1392

Delta R.T. 0.007 min

Lab File: VU063488.D

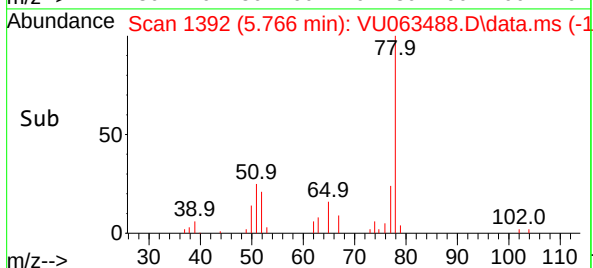
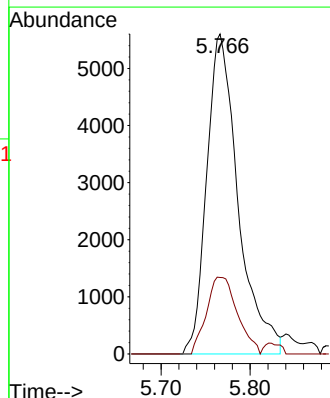
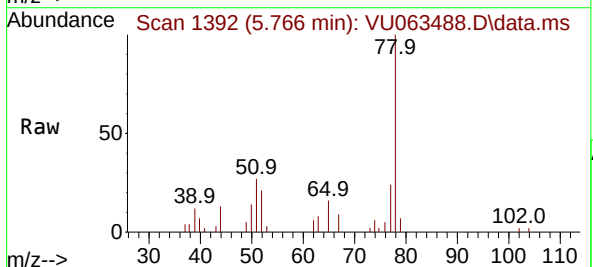
Acq: 11 Jul 2025 11:15

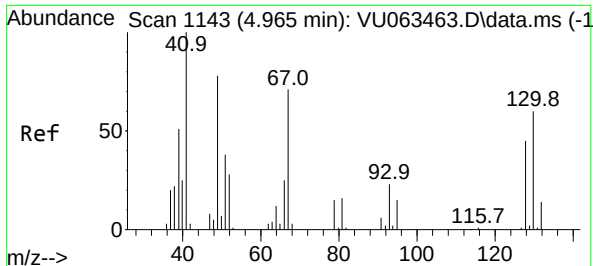
Tgt Ion: 78 Resp: 13743

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4

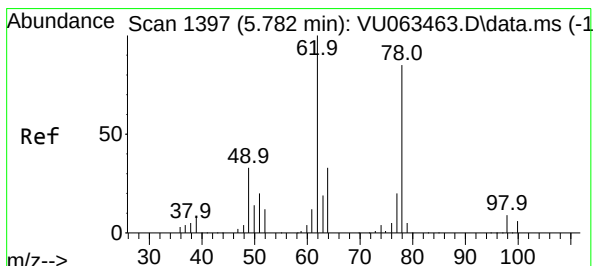
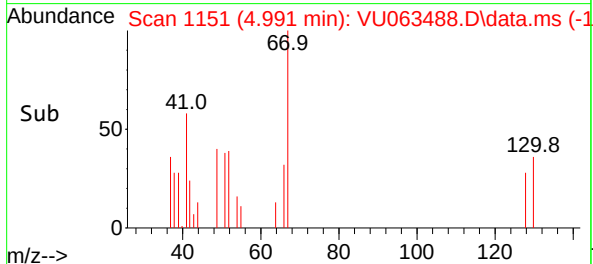
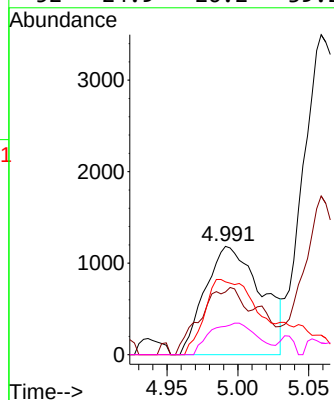
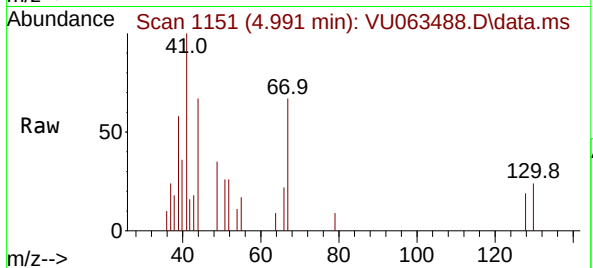




#41
Methacrylonitrile
Concen: 2.712 ug/l
RT: 4.991 min Scan# 1151
Delta R.T. 0.026 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

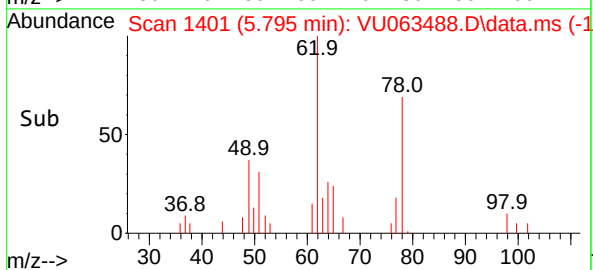
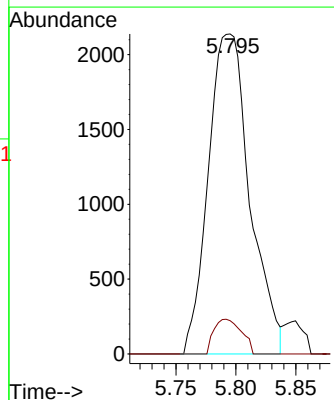
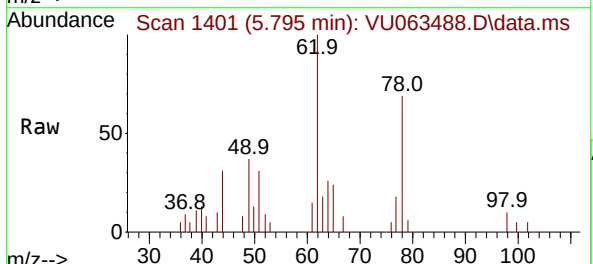
Instrument :
MSVOA_U
ClientSampleId :
MDL04

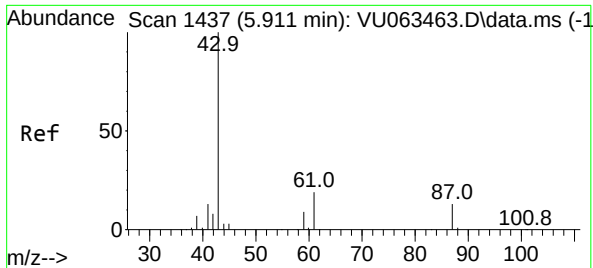
Tgt Ion: 41	Resp: 3246
Ion Ratio	Lower Upper
41 100	
39 47.8	43.6 65.4
67 64.6	62.8 94.2
52 24.9	26.2 39.2#



#42
1,2-Dichloroethane
Concen: 2.802 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.013 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 62	Resp: 5153
Ion Ratio	Lower Upper
62 100	
98 7.2	0.0 17.6

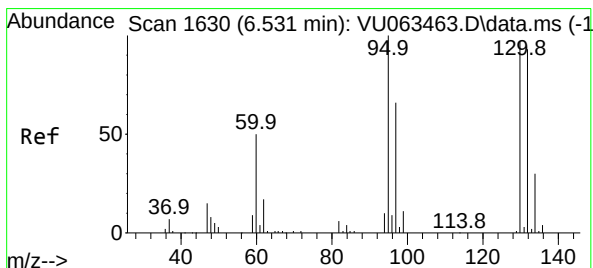
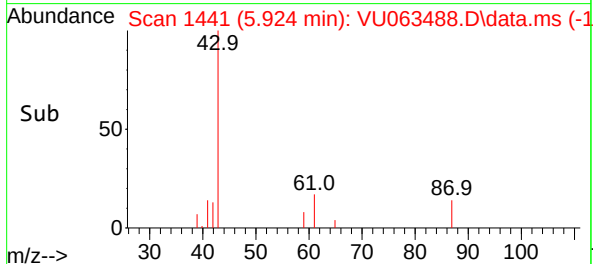
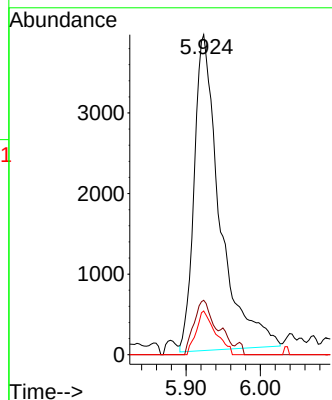
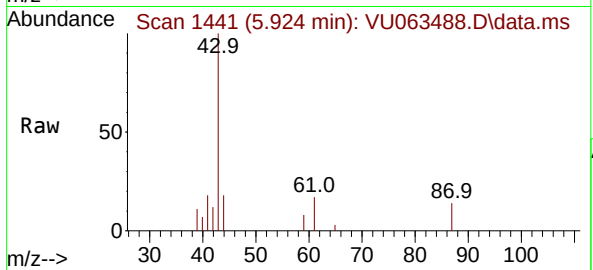




#43
Isopropyl Acetate
Concen: 2.807 ug/l
RT: 5.924 min Scan# 1437
Delta R.T. 0.013 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

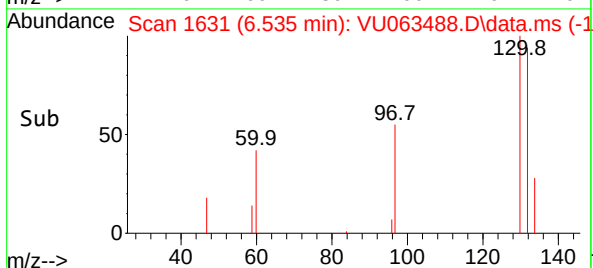
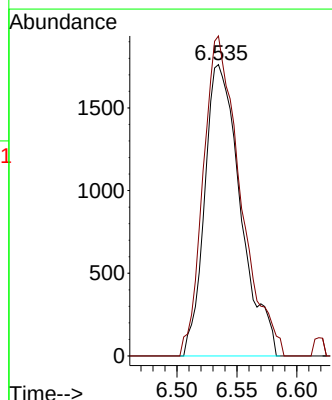
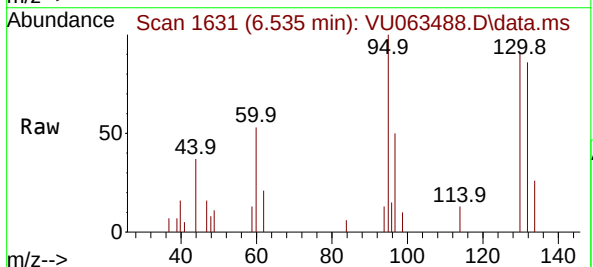
Instrument : MSVOA_U
ClientSampleId : MDL04

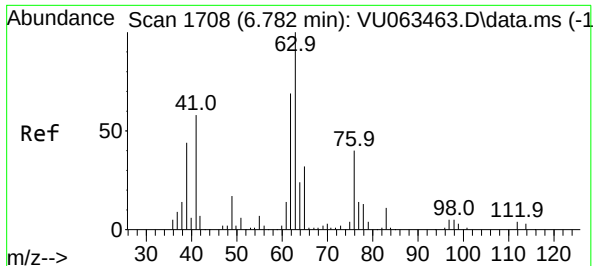
Tgt Ion: 43 Resp: 9455
Ion Ratio Lower Upper
43 100
61 12.5 15.4 23.2#
87 10.4 10.5 15.7#



#44
Trichloroethene
Concen: 2.798 ug/l
RT: 6.535 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion:130 Resp: 3662
Ion Ratio Lower Upper
130 100
95 109.8 0.0 206.4





#45

1,2-Dichloropropane

Concen: 2.654 ug/l

RT: 6.782 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

Instrument :

MSVOA_U

ClientSampleId :

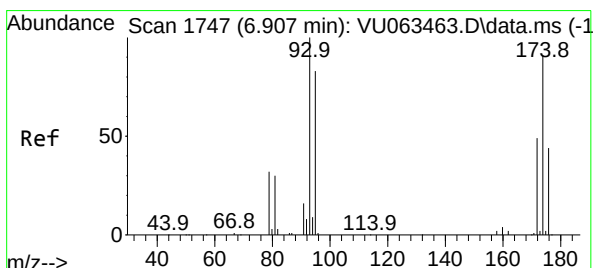
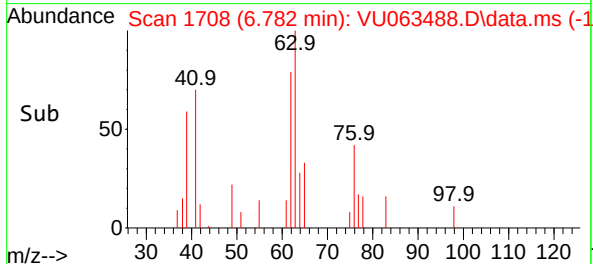
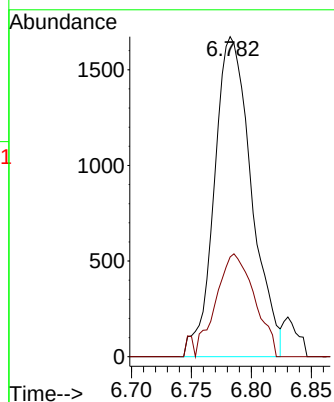
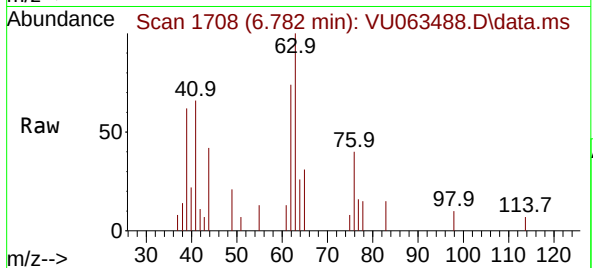
MDL04

Tgt Ion: 63 Resp: 3608

Ion Ratio Lower Upper

63 100

65 31.1 25.3 37.9



#46

Dibromomethane

Concen: 3.115 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.010 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

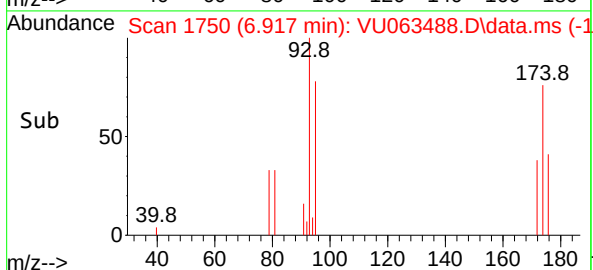
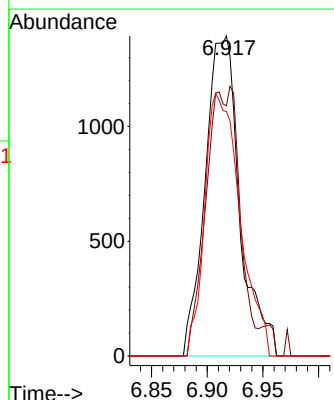
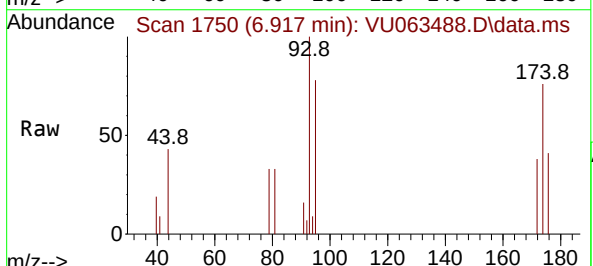
Tgt Ion: 93 Resp: 3013

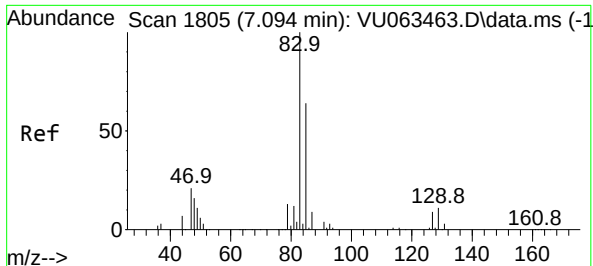
Ion Ratio Lower Upper

93 100

95 51.3 67.5 101.3#

174 83.9 73.1 109.7

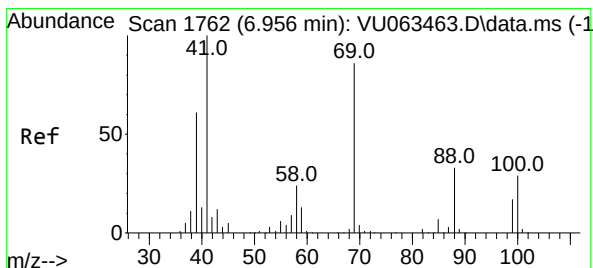
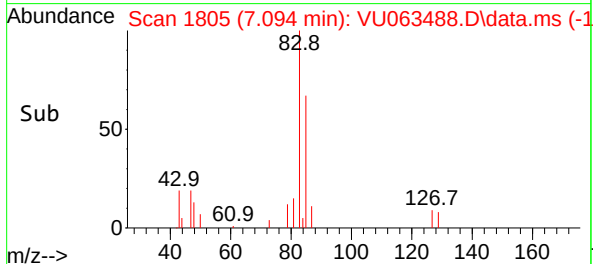
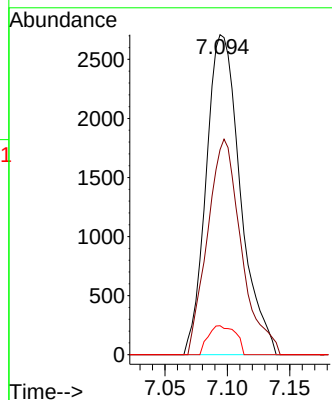
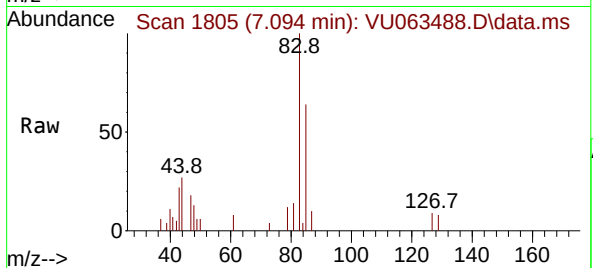




#47
Bromodichloromethane
Concen: 2.570 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

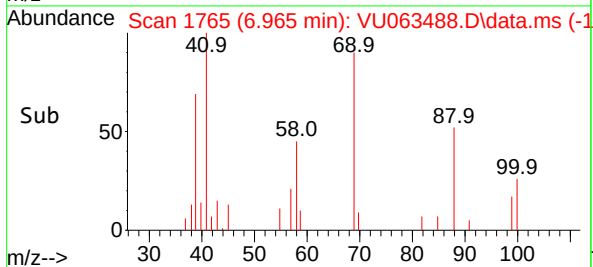
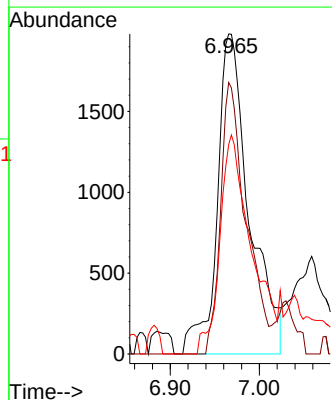
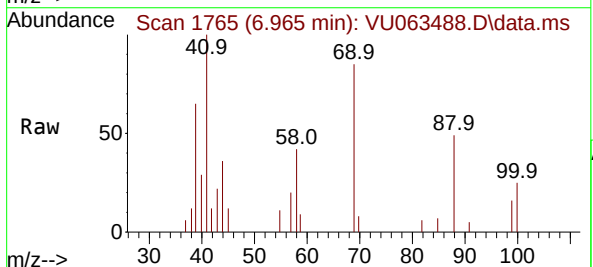
Instrument :
MSVOA_U
ClientSampleId :
MDL04

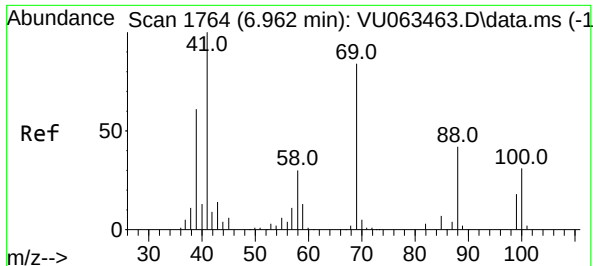
Tgt Ion: 83 Resp: 5170
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.0
127 9.0 7.0 10.4



#48
Methyl methacrylate
Concen: 3.174 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.010 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 41 Resp: 4942
Ion Ratio Lower Upper
41 100
69 68.2 69.8 104.8#
39 67.0 48.3 72.5





#49

1,4-Dioxane

Concen: 83.002 ug/l

RT: 6.972 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

Instrument :

MSVOA_U

ClientSampleId :

MDL04

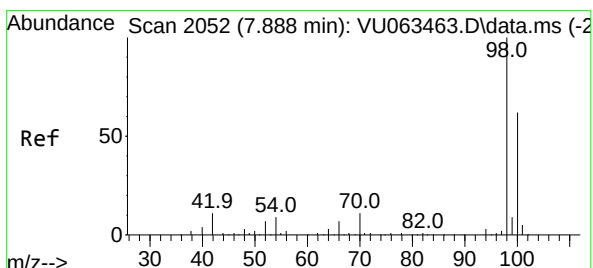
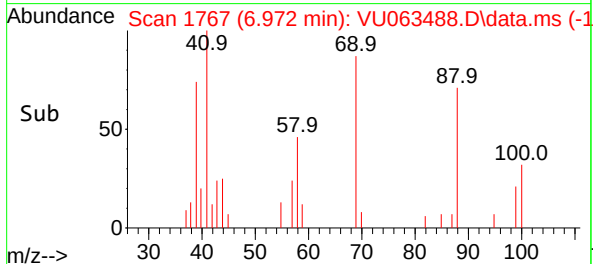
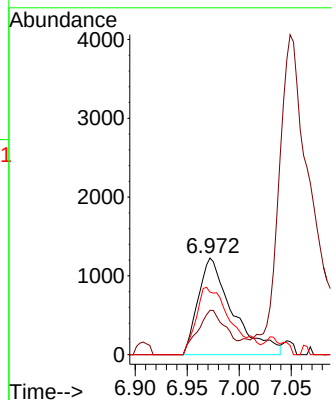
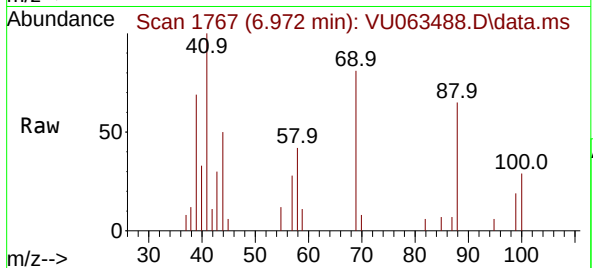
Tgt Ion: 88 Resp: 2836

Ion Ratio Lower Upper

88 100

43 37.6 25.6 38.4

58 70.2 55.0 82.6



#50

Toluene-d8

Concen: 51.060 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. 0.000 min

Lab File: VU063488.D

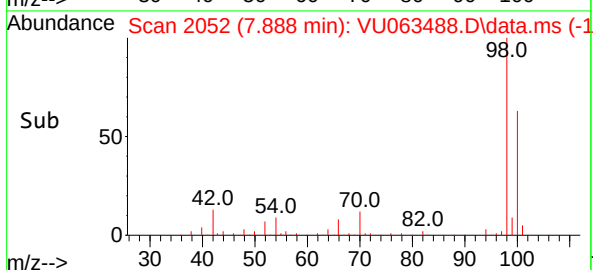
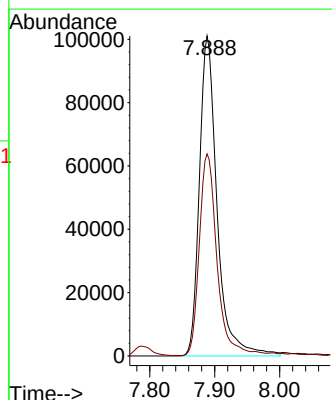
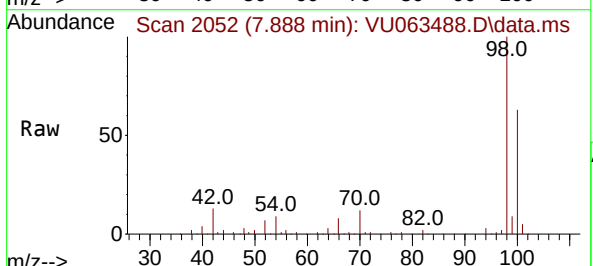
Acq: 11 Jul 2025 11:15

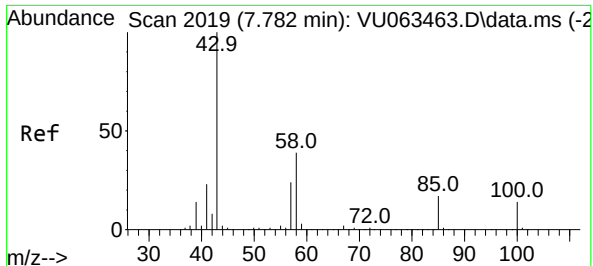
Tgt Ion: 98 Resp: 191834

Ion Ratio Lower Upper

98 100

100 62.9 48.1 72.1

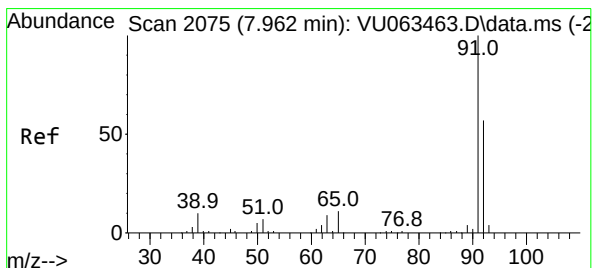
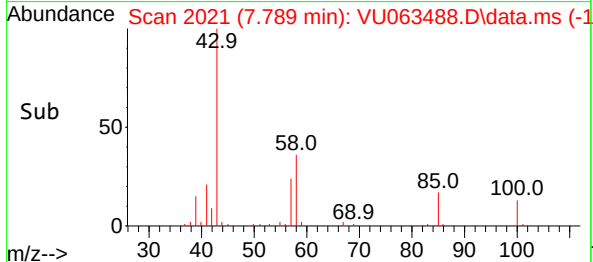
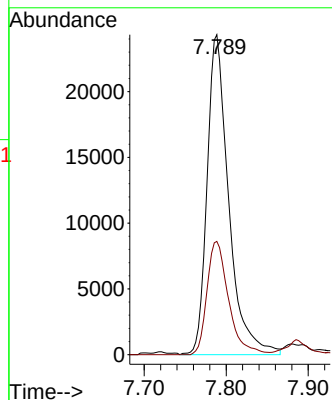
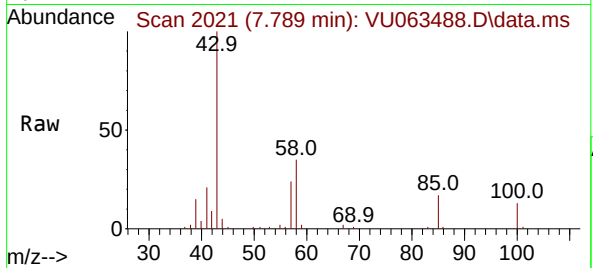




#51
4-Methyl-2-Pentanone
Concen: 18.262 ug/l
RT: 7.789 min Scan# 2019
Delta R.T. 0.007 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

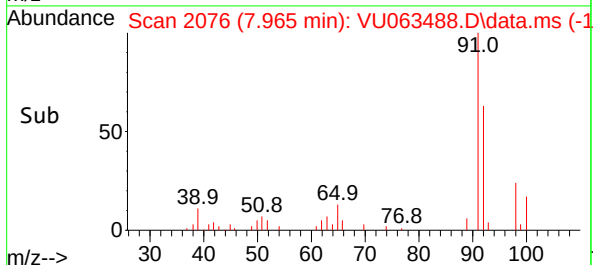
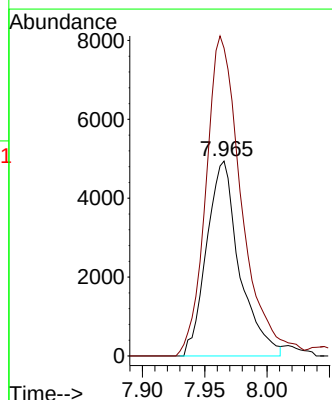
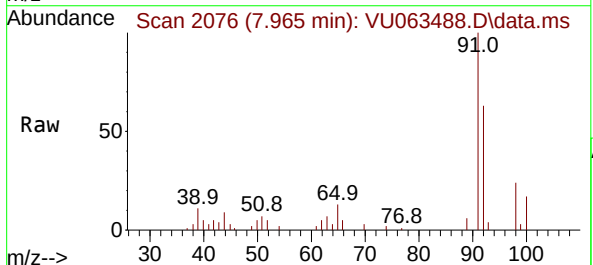
Instrument :
MSVOA_U
ClientSampleId :
MDL04

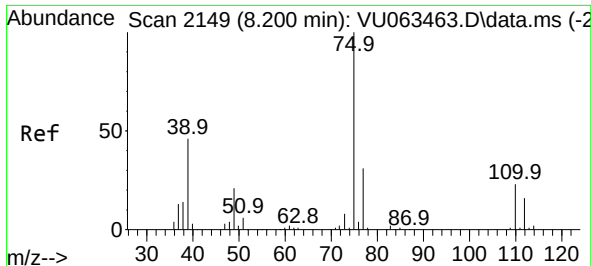
Tgt Ion: 43 Resp: 44530
Ion Ratio Lower Upper
43 100
58 35.4 31.0 46.4



#52
Toluene
Concen: 2.831 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 92 Resp: 9058
Ion Ratio Lower Upper
92 100
91 178.2 144.5 216.7

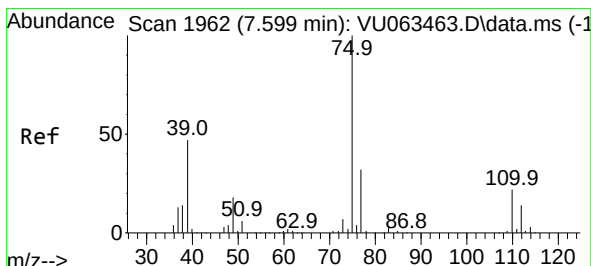
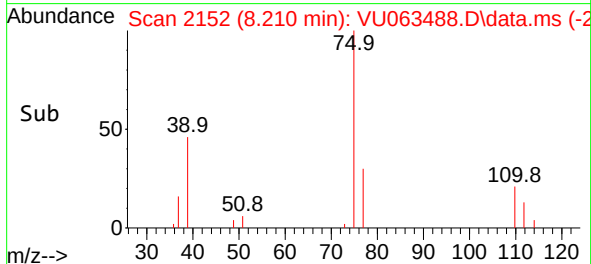
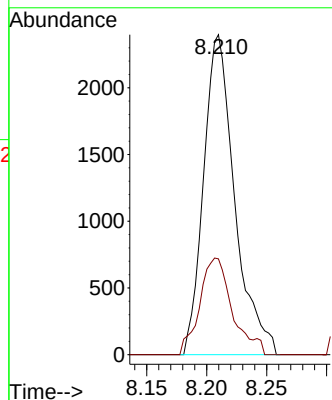
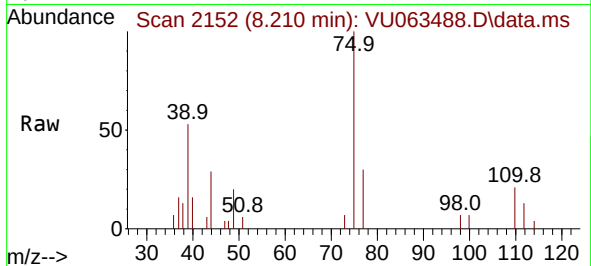




#53
 t-1,3-Dichloropropene
 Concen: 2.456 ug/l
 RT: 8.210 min Scan# 2149
 Delta R.T. 0.010 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

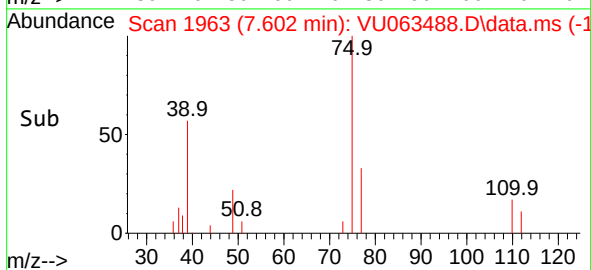
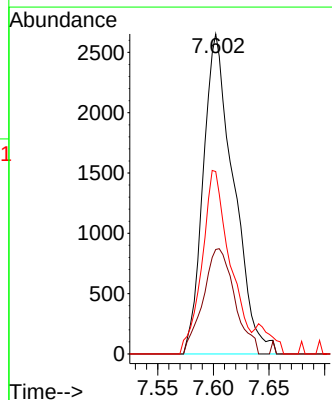
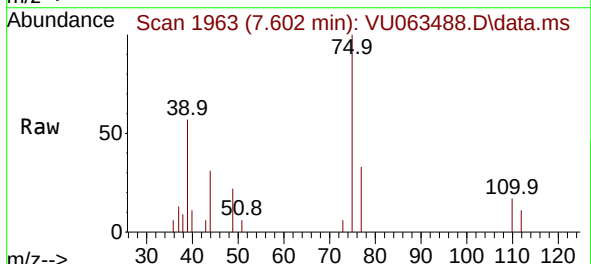
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

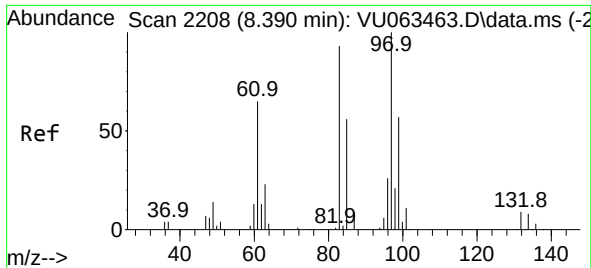
Tgt Ion: 75 Resp: 4324
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 2.553 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

Tgt Ion: 75 Resp: 5030
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0
 39 57.0 37.2 55.8#

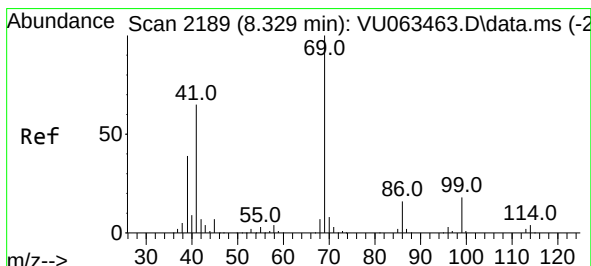
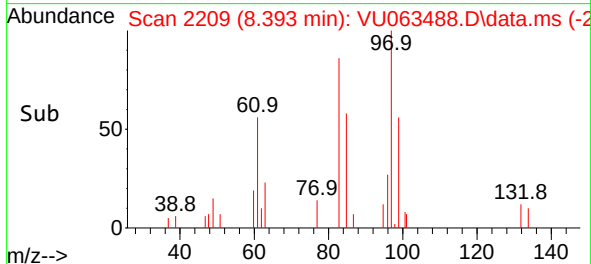
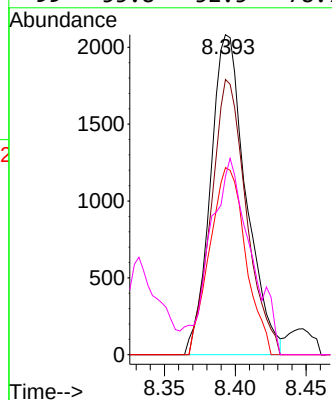
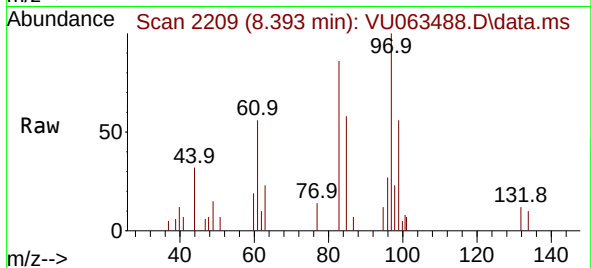




#55
1,1,2-Trichloroethane
Concen: 2.673 ug/l
RT: 8.393 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

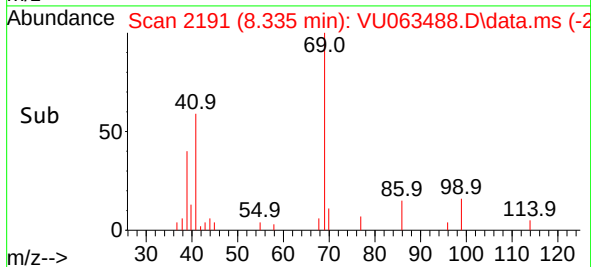
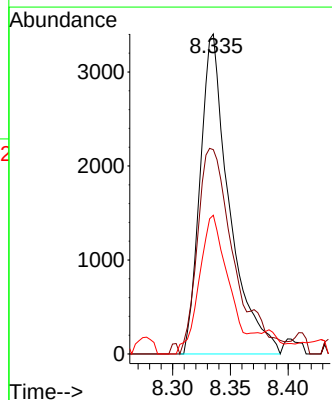
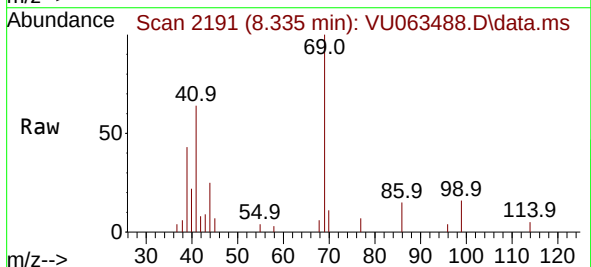
Instrument :
MSVOA_U
ClientSampleId :
MDL04

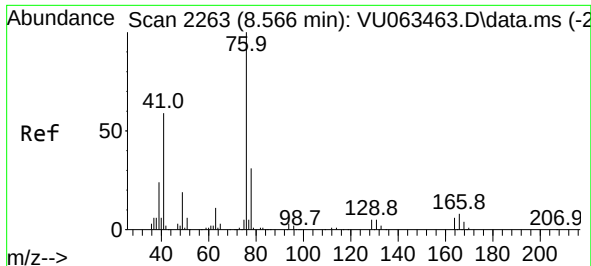
Tgt Ion:	97	Resp:	3632
Ion	Ratio	Lower	Upper
97	100		
83	86.0	74.2	111.4
85	58.5	45.8	68.8
99	55.8	52.5	78.7



#56
Ethyl methacrylate
Concen: 2.727 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.007 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion:	69	Resp:	5977
Ion	Ratio	Lower	Upper
69	100		
41	80.8	53.0	79.6#
39	42.6	31.0	46.4





#57

1,3-Dichloropropane

Concen: 2.765 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

Instrument :

MSVOA_U

ClientSampleId :

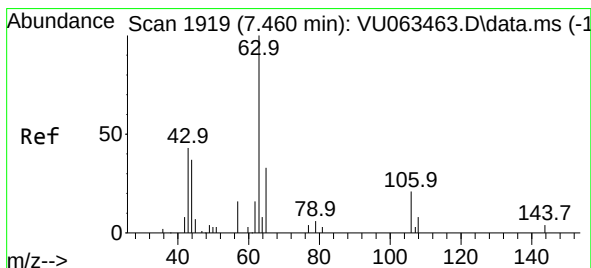
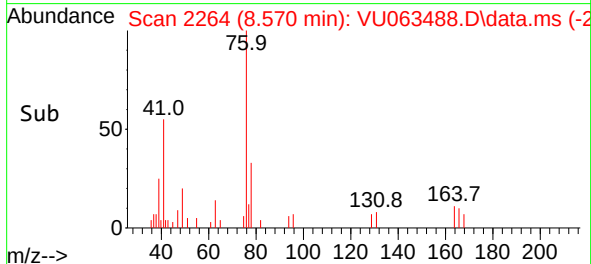
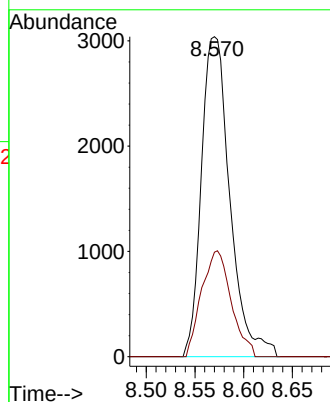
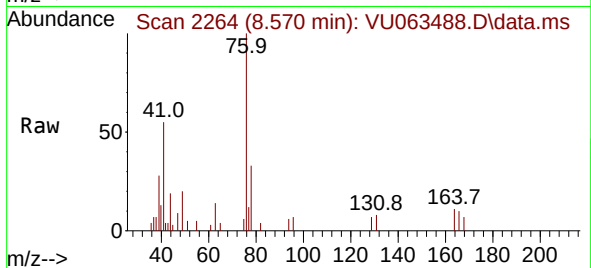
MDL04

Tgt Ion: 76 Resp: 6192

Ion Ratio Lower Upper

76 100

78 34.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 0.879 ug/l

RT: 7.470 min Scan# 1922

Delta R.T. 0.010 min

Lab File: VU063488.D

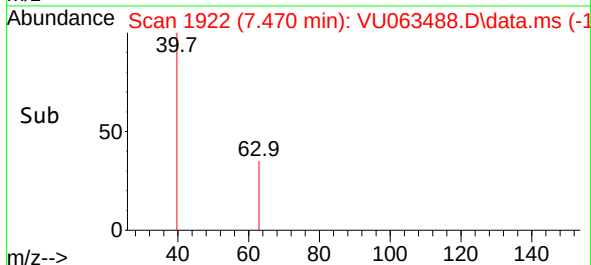
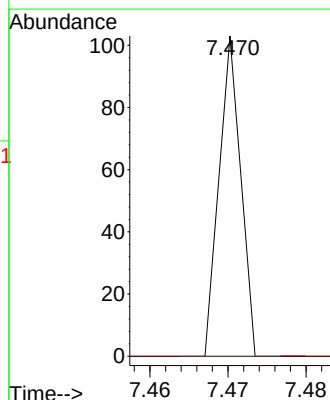
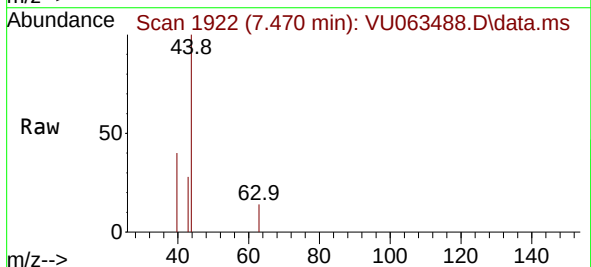
Acq: 11 Jul 2025 11:15

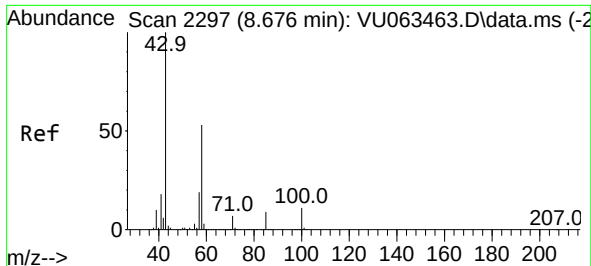
Tgt Ion: 63 Resp: 20

Ion Ratio Lower Upper

63 100

106 0.0 11.5 17.3#

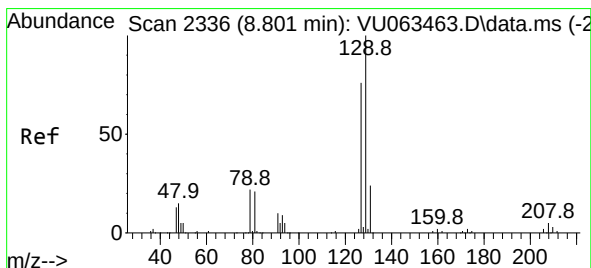
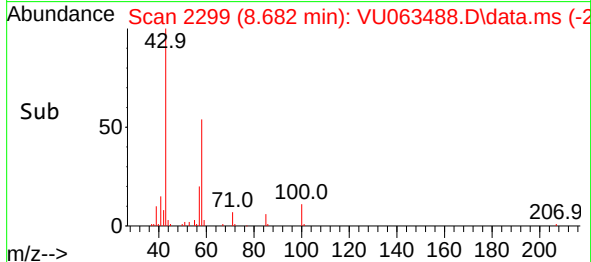
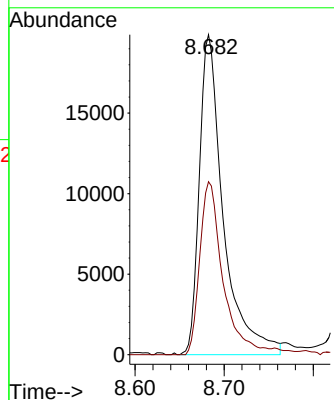
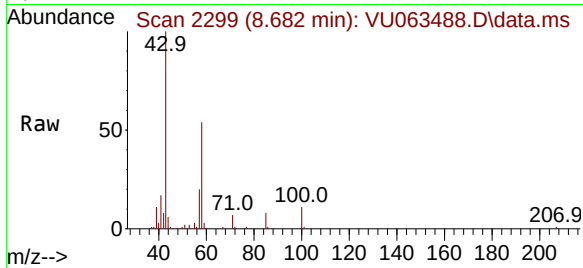




#59
2-Hexanone
Concen: 20.169 ug/l
RT: 8.682 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

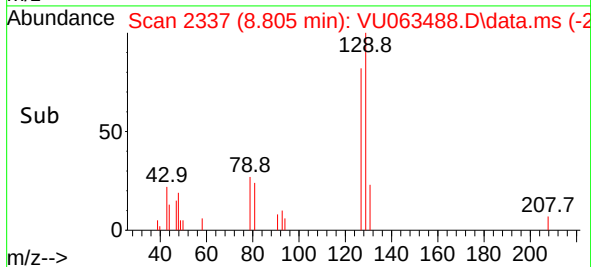
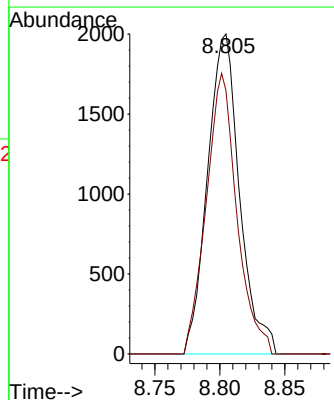
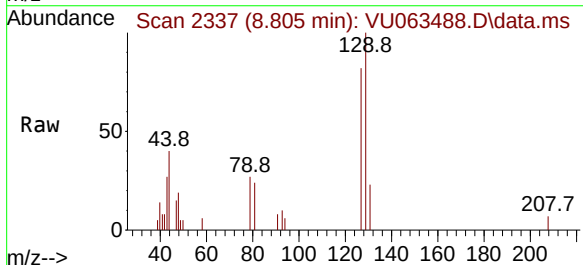
Instrument :
MSVOA_U
ClientSampleId :
MDL04

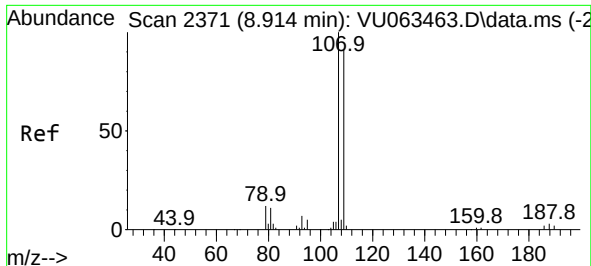
Tgt Ion: 43 Resp: 37197
Ion Ratio Lower Upper
43 100
58 52.1 26.9 80.7



#60
Dibromochloromethane
Concen: 2.255 ug/l
RT: 8.805 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 129 Resp: 3432
Ion Ratio Lower Upper
129 100
127 83.8 39.1 117.2

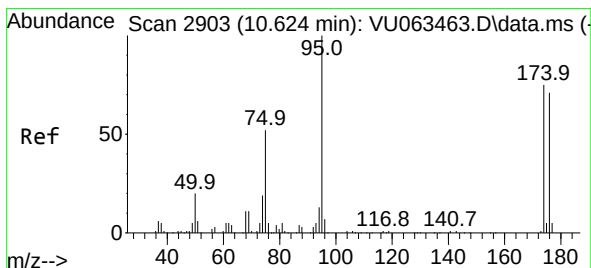
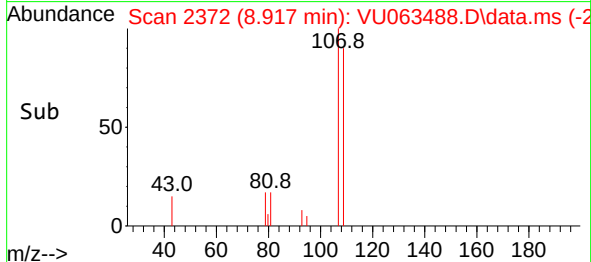
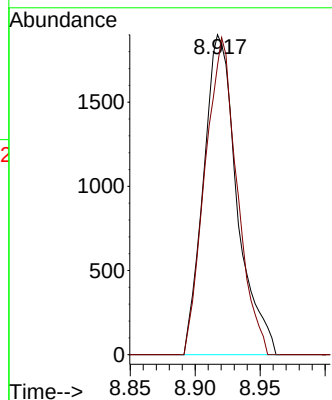
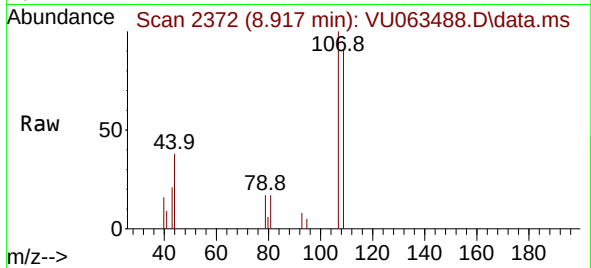




#61
1,2-Dibromoethane
Concen: 2.558 ug/l
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

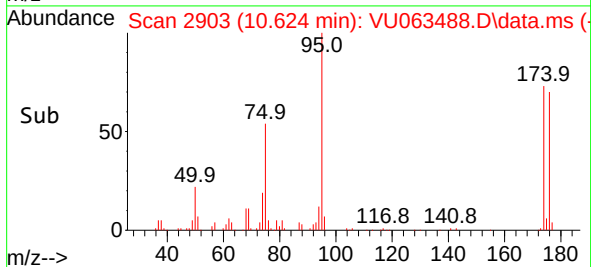
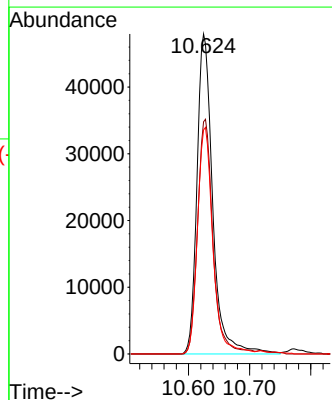
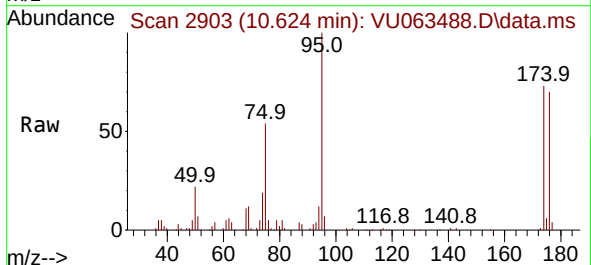
Instrument :
MSVOA_U
ClientSampleId :
MDL04

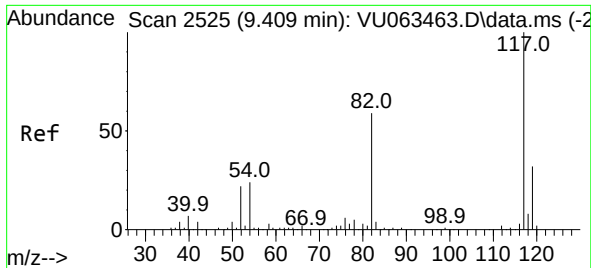
Tgt Ion:107 Resp: 3411
Ion Ratio Lower Upper
107 100
109 94.8 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 52.135 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 95 Resp: 85675
Ion Ratio Lower Upper
95 100
174 71.6 0.0 153.6
176 69.6 0.0 145.8

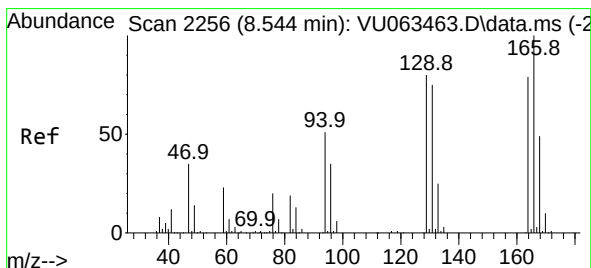
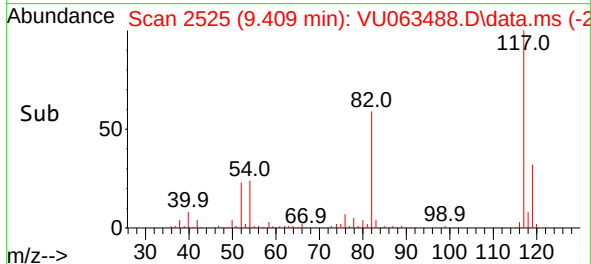
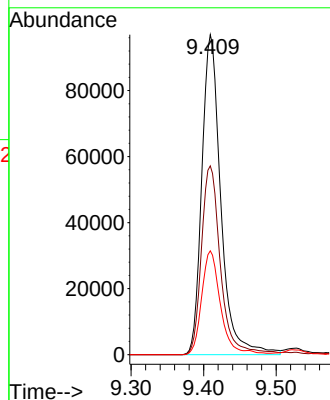
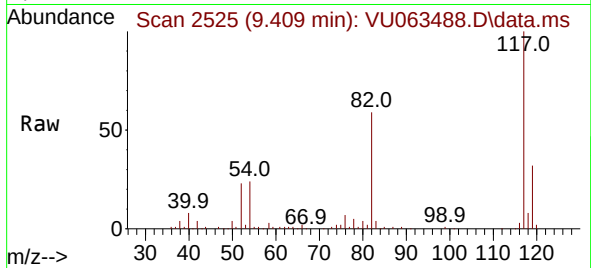




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

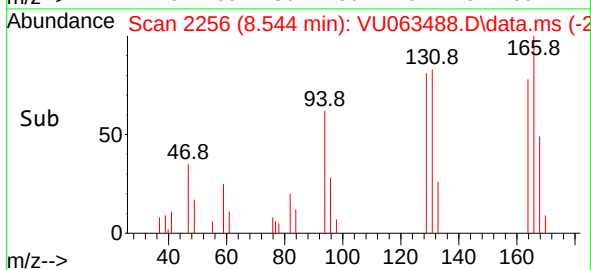
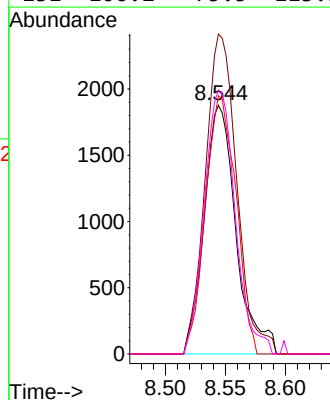
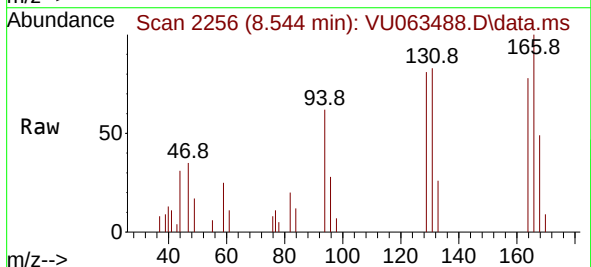
Instrument :
MSVOA_U
ClientSampleId :
MDL04

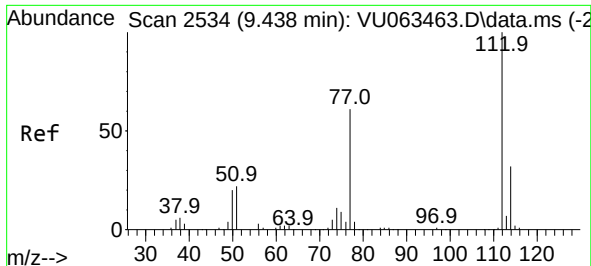
Tgt Ion:117 Resp: 176795
Ion Ratio Lower Upper
117 100
82 59.0 47.1 70.7
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 2.627 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion:164 Resp: 3457
Ion Ratio Lower Upper
164 100
166 128.7 100.9 151.3
129 103.8 80.9 121.3
131 106.2 75.5 113.3

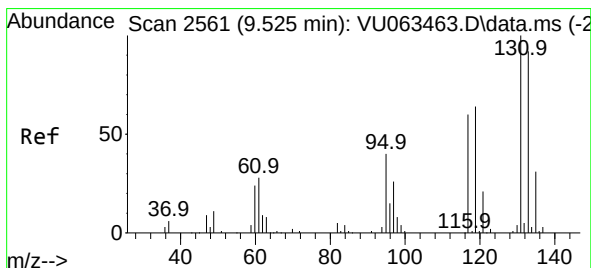
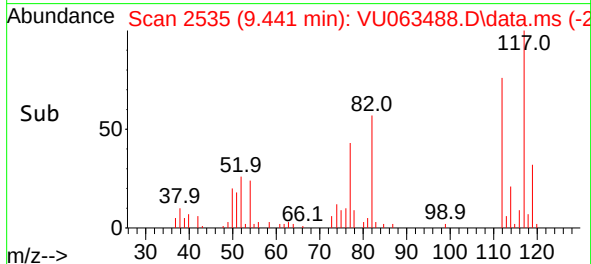
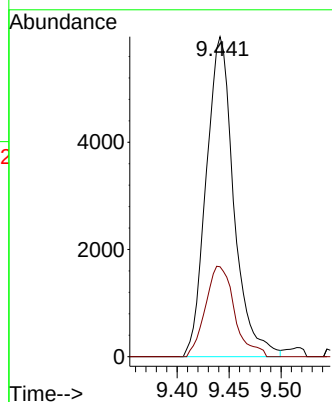
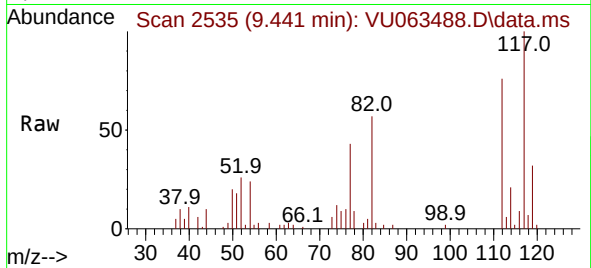




#65
Chlorobenzene
Concen: 3.001 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

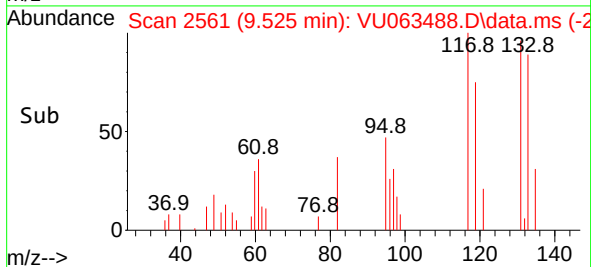
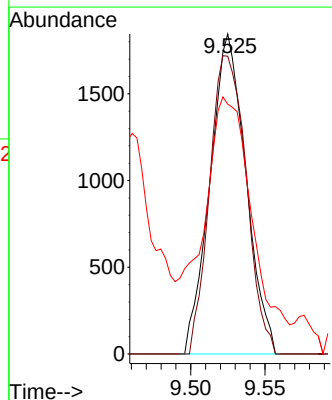
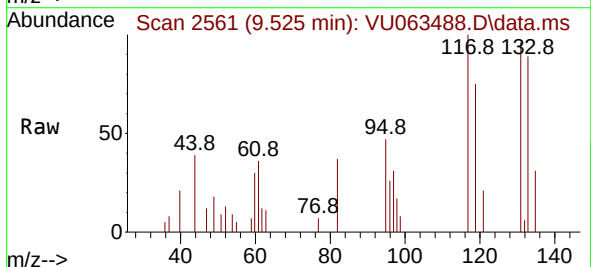
Instrument : MSVOA_U
ClientSampleId : MDL04

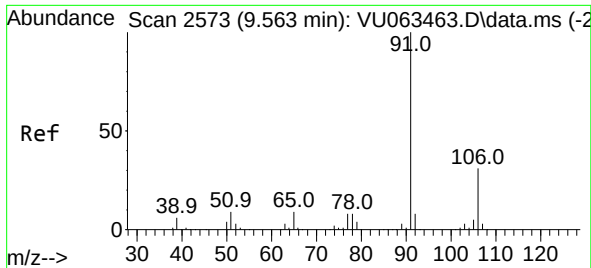
Tgt Ion:112 Resp: 11037
Ion Ratio Lower Upper
112 100
114 28.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 2.457 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion:131 Resp: 3100
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.2
119 90.5 33.3 99.9

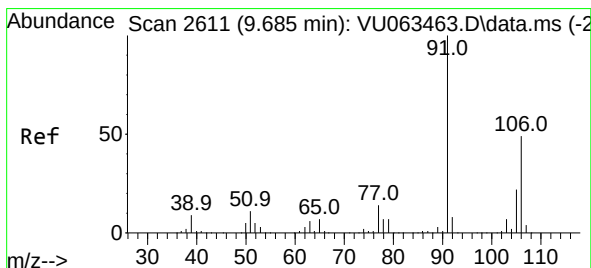
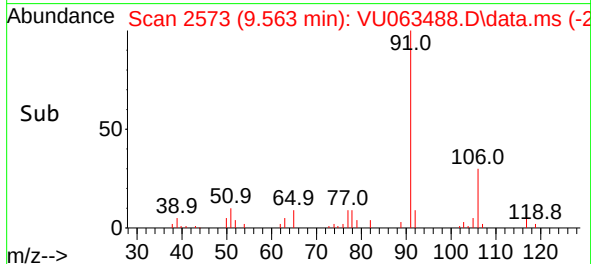
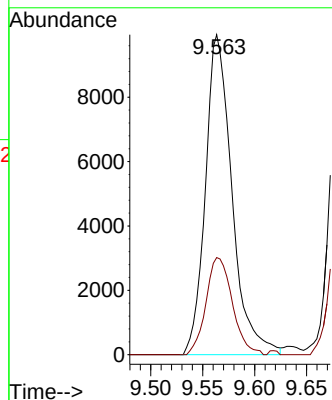
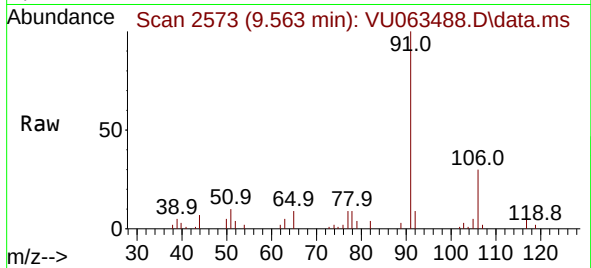




#67
Ethyl Benzene
Concen: 2.799 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

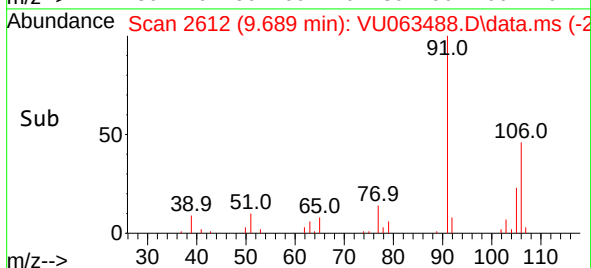
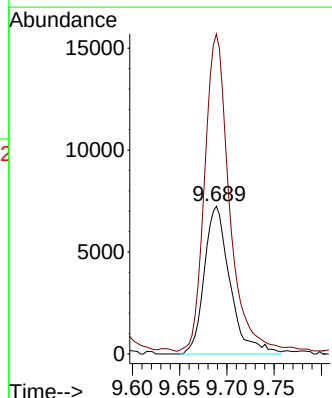
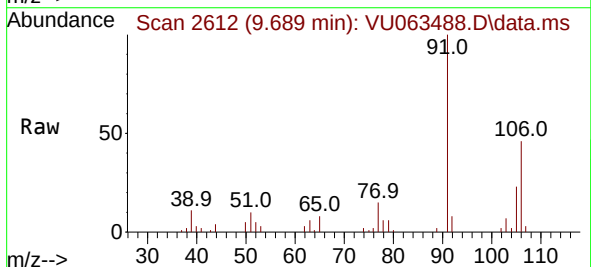
Instrument :
MSVOA_U
ClientSampleId :
MDL04

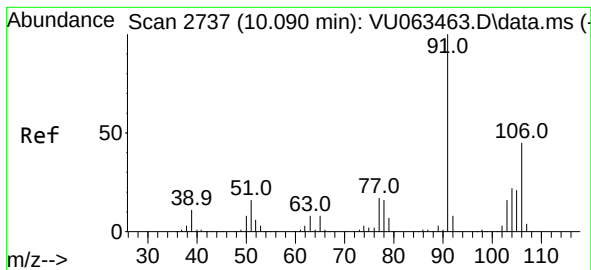
Tgt Ion: 91 Resp: 17695
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7



#68
m/p-Xylenes
Concen: 5.683 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 106 Resp: 13710
Ion Ratio Lower Upper
106 100
91 205.2 163.6 245.4





#69

o-Xylene

Concen: 2.588 ug/l

RT: 10.097 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

Instrument :

MSVOA_U

ClientSampleId :

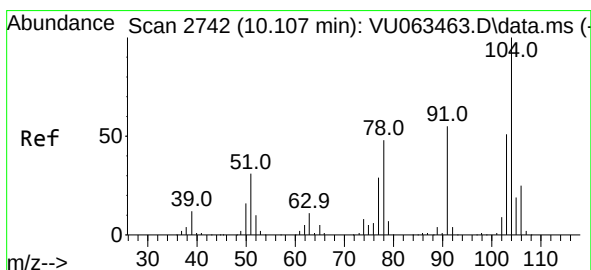
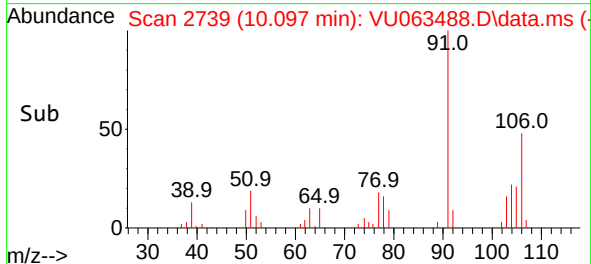
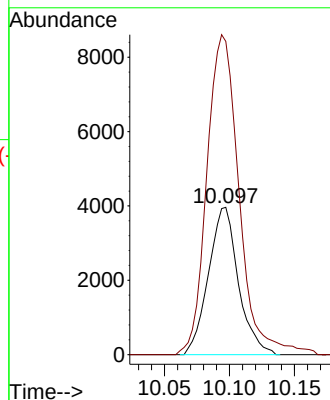
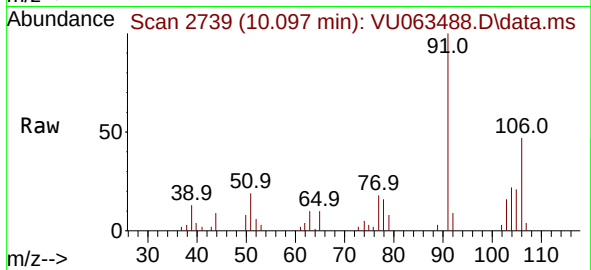
MDL04

Tgt Ion:106 Resp: 6347

Ion Ratio Lower Upper

106 100

91 234.2 110.7 331.9



#70

Styrene

Concen: 2.643 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.007 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

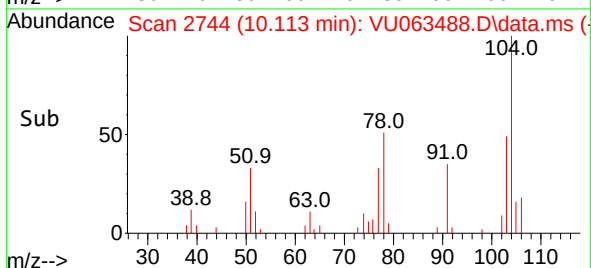
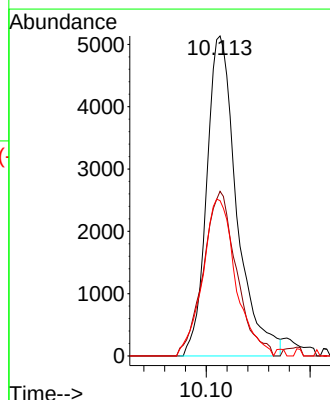
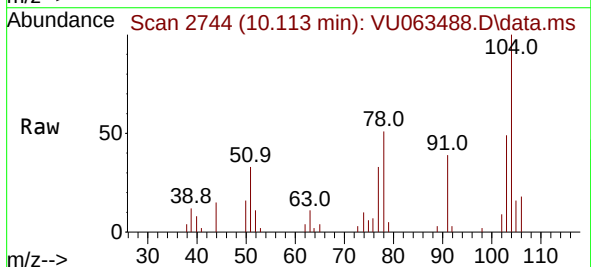
Tgt Ion:104 Resp: 10308

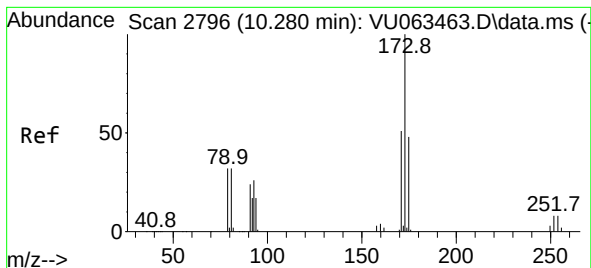
Ion Ratio Lower Upper

104 100

78 56.8 41.4 62.0

103 53.9 44.3 66.5





#71

Bromoform

Concen: 2.195 ug/l

RT: 10.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

Instrument :

MSVOA_U

ClientSampleId :

MDL04

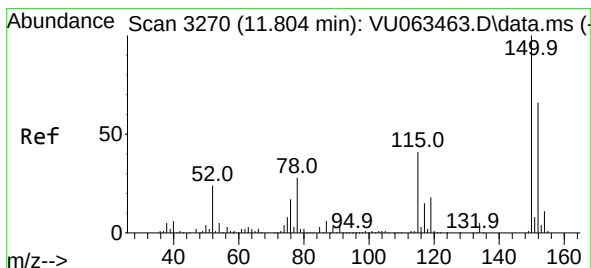
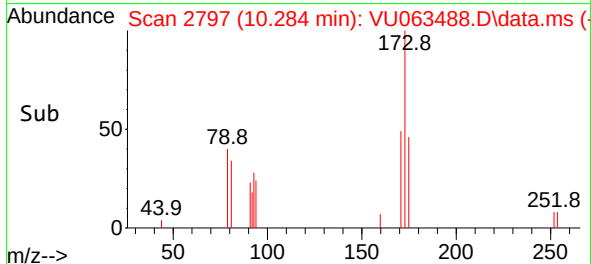
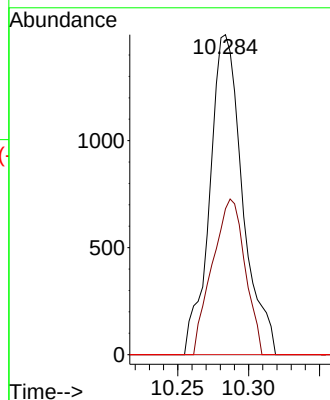
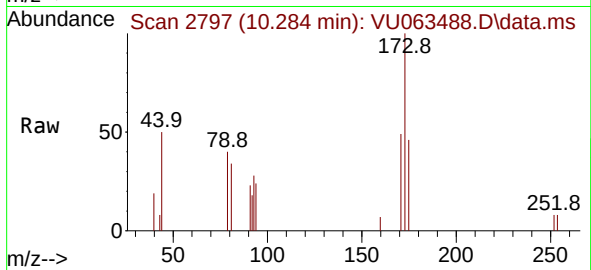
Tgt Ion:173 Resp: 2413

Ion Ratio Lower Upper

173 100

175 48.3 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: VU063488.D

Acq: 11 Jul 2025 11:15

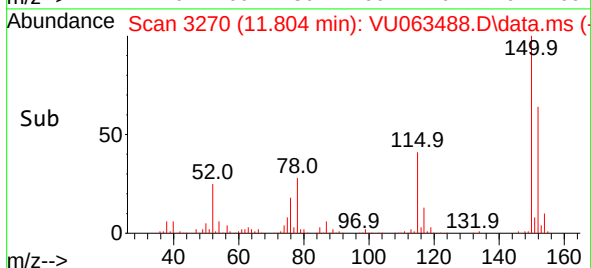
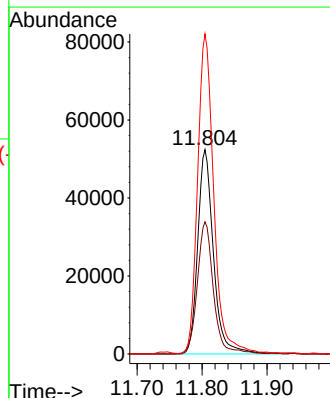
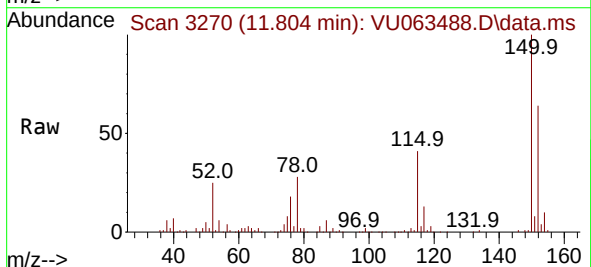
Tgt Ion:152 Resp: 88726

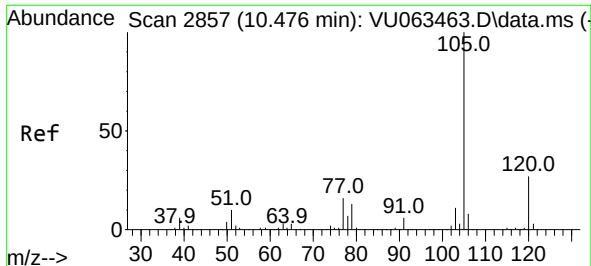
Ion Ratio Lower Upper

152 100

115 66.0 43.4 130.2

150 160.3 0.0 341.4

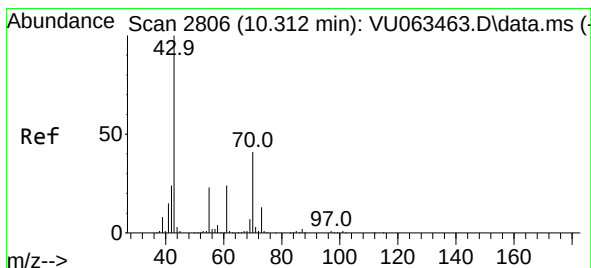
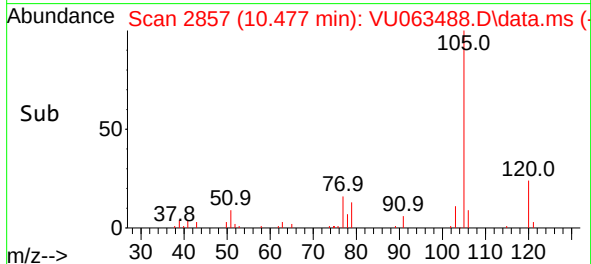
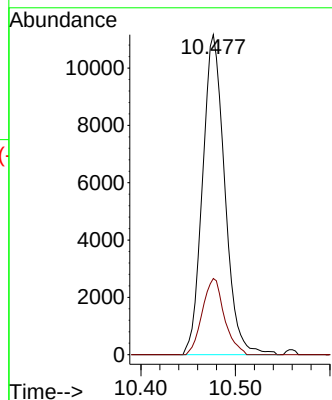
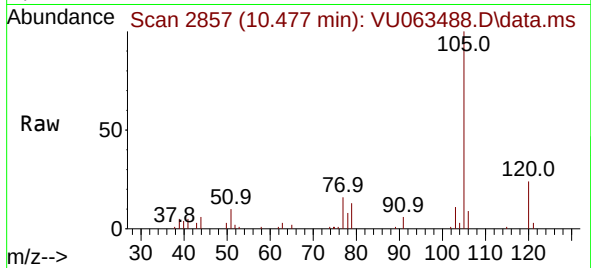




#73
Isopropylbenzene
Concen: 3.016 ug/l
RT: 10.477 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

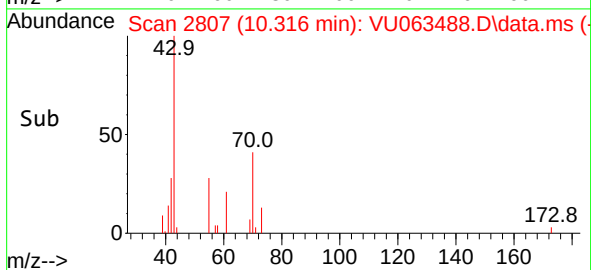
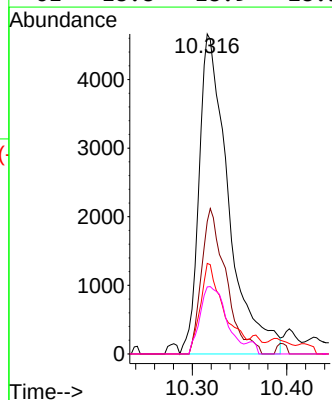
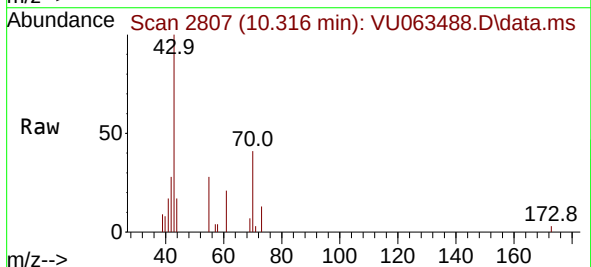
Instrument :
MSVOA_U
ClientSampleId :
MDL04

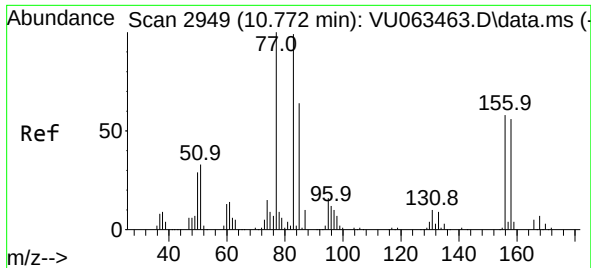
Tgt Ion:105 Resp: 18208
Ion Ratio Lower Upper
105 100
120 23.5 13.1 39.1



#74
N-ethyl acetate
Concen: 3.721 ug/l
RT: 10.316 min Scan# 2807
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 43 Resp: 10075
Ion Ratio Lower Upper
43 100
70 37.8 32.6 48.8
55 22.9 18.6 27.8
61 18.8 18.9 28.3#

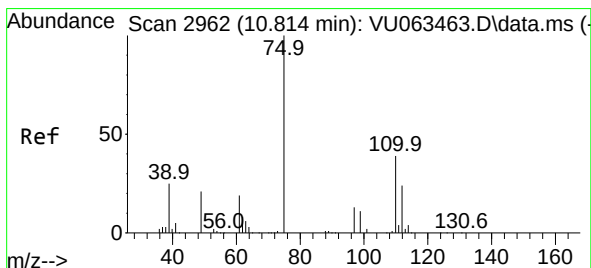
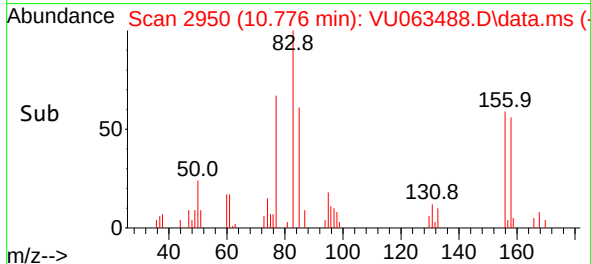
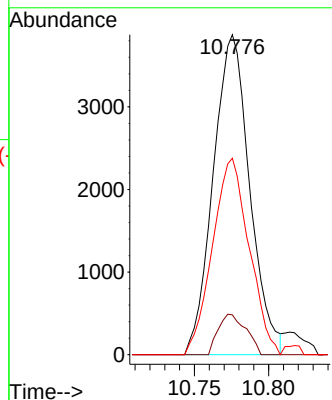
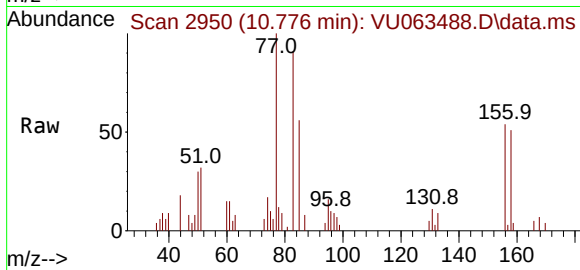




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.978 ug/l
 RT: 10.776 min Scan# 2949
 Delta R.T. 0.003 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

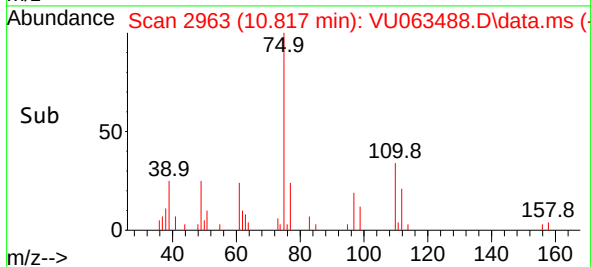
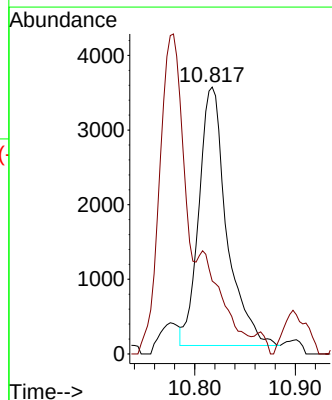
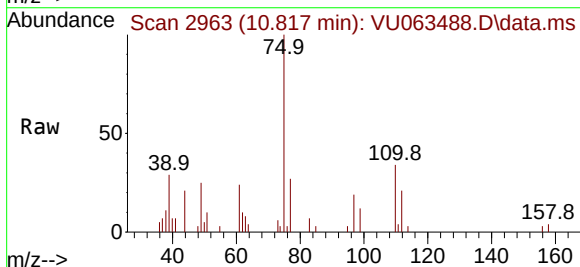
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

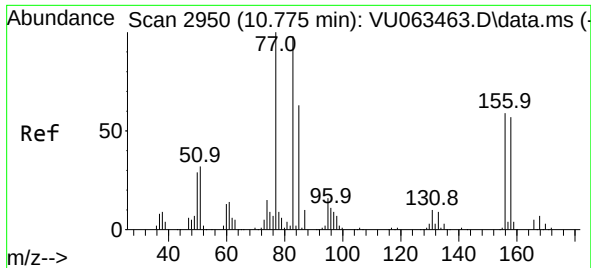
Tgt Ion: 83 Resp: 6618
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.8 14.3
 85 61.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 2.831 ug/l
 RT: 10.817 min Scan# 2963
 Delta R.T. 0.003 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

Tgt Ion: 75 Resp: 6656
 Ion Ratio Lower Upper
 75 100
 77 0.0 3.1 9.4#

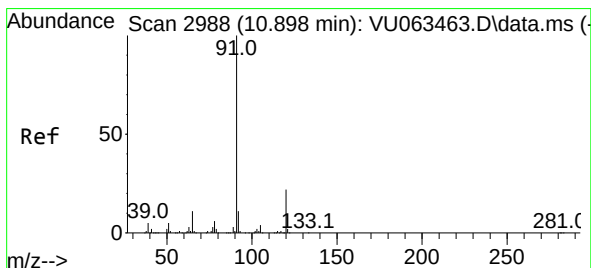
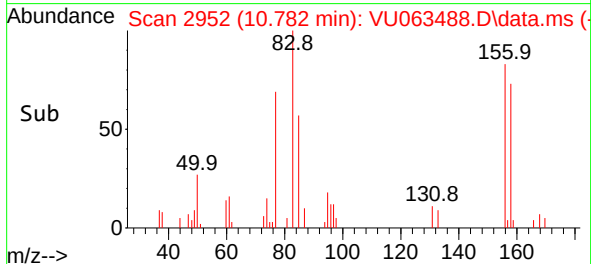
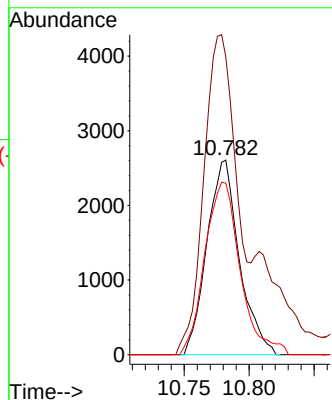
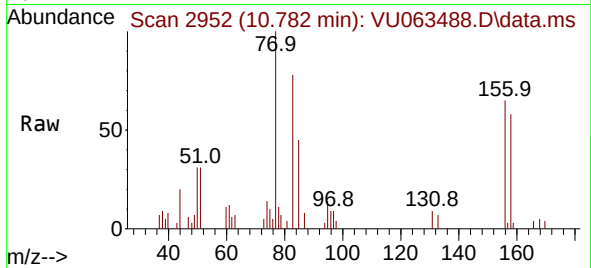




#77
Bromobenzene
Concen: 3.056 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.007 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

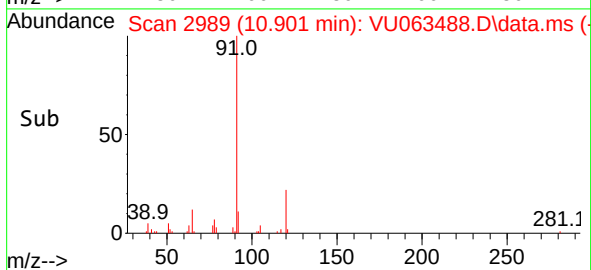
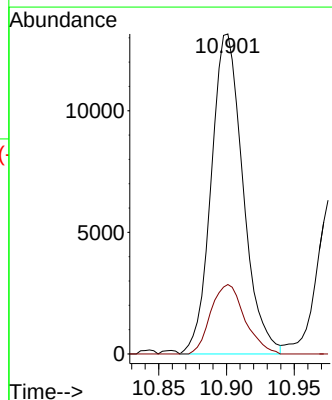
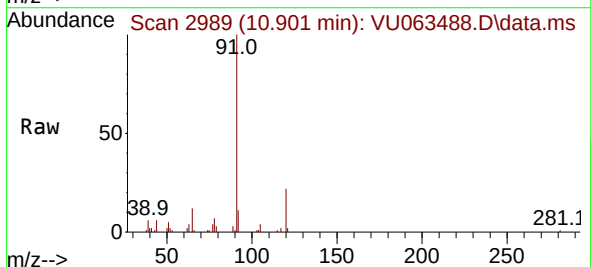
Instrument :
MSVOA_U
ClientSampleId :
MDL04

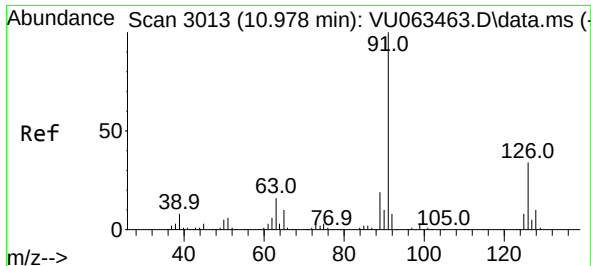
Tgt Ion:156 Resp: 4523
Ion Ratio Lower Upper
156 100
77 166.4 78.2 234.6
158 96.7 46.8 140.4



#78
n-propylbenzene
Concen: 3.068 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 91 Resp: 21479
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.898 ug/l

RT: 10.981 min Scan# 3013

Delta R.T. 0.003 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

Instrument :

MSVOA_U

ClientSampleId :

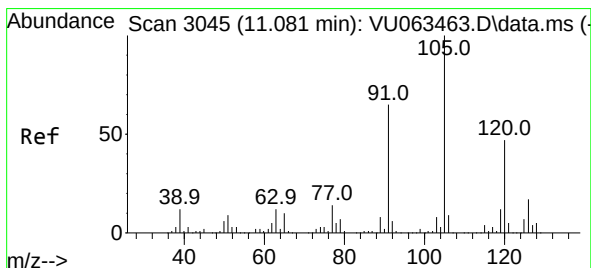
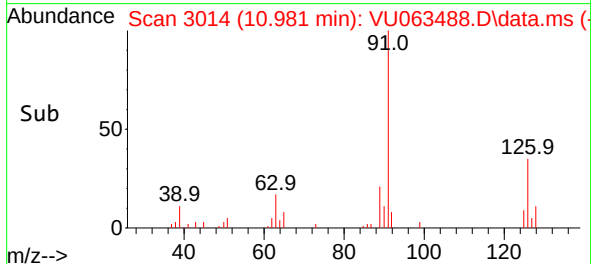
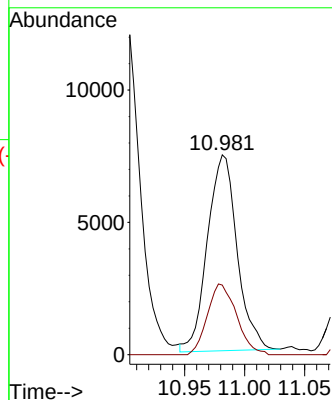
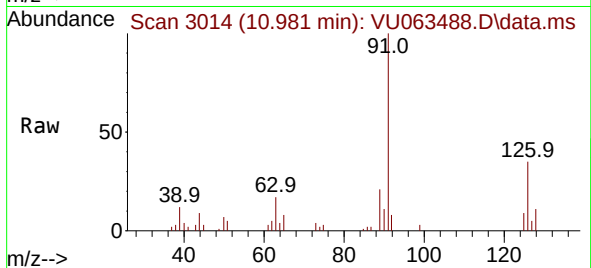
MDL04

Tgt Ion: 91 Resp: 12724

Ion Ratio Lower Upper

91 100

126 35.4 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 2.747 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU063488.D

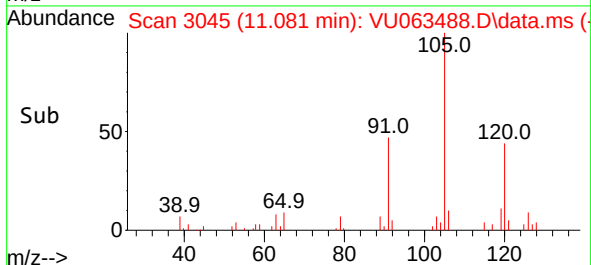
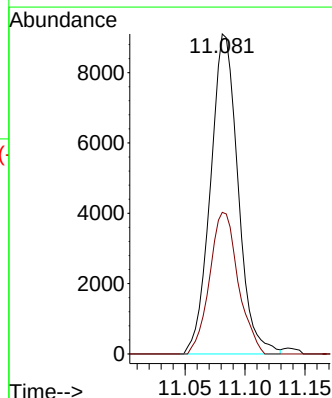
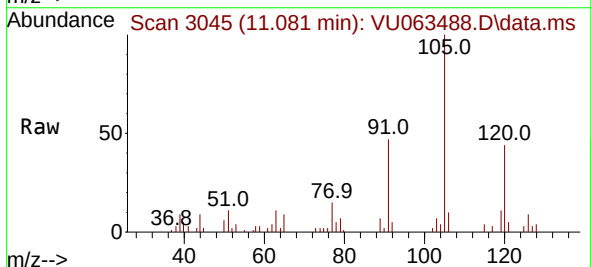
Acq: 11 Jul 2025 11:15

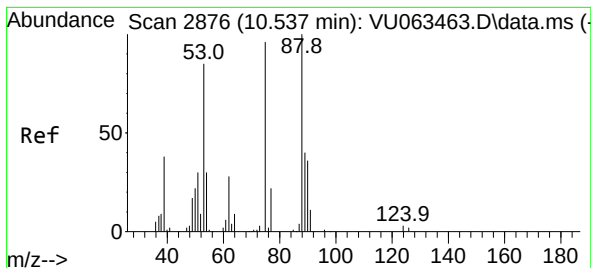
Tgt Ion:105 Resp: 14505

Ion Ratio Lower Upper

105 100

120 45.9 23.4 70.2

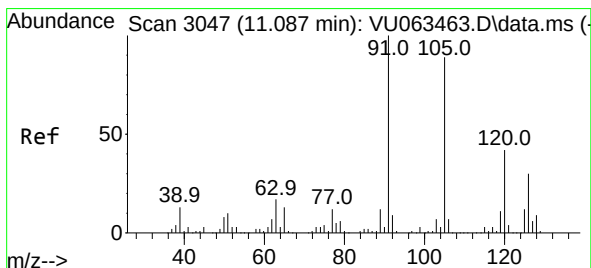
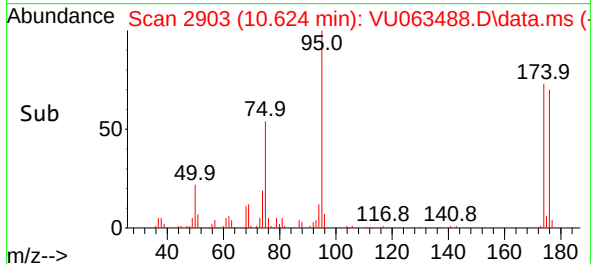
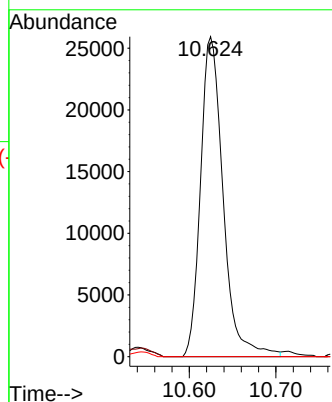
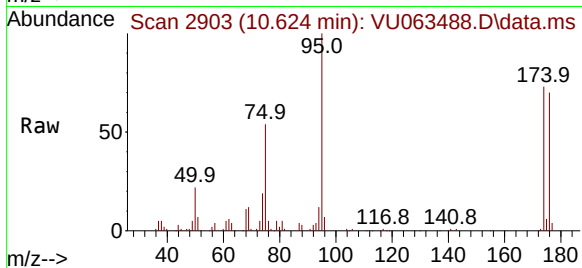




#81
trans-1,4-Dichloro-2-butene
Concen: 99.691 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.087 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

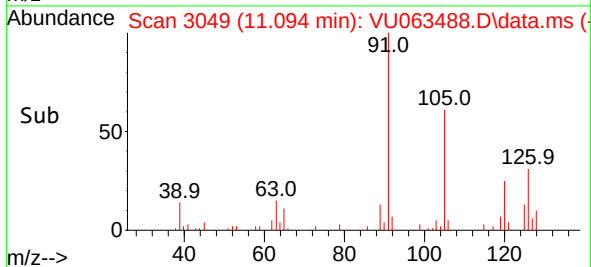
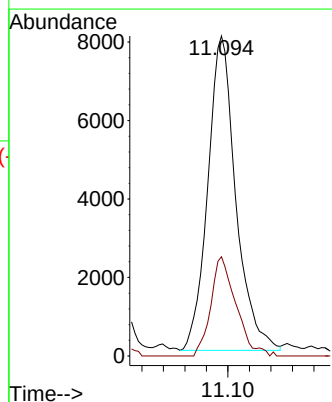
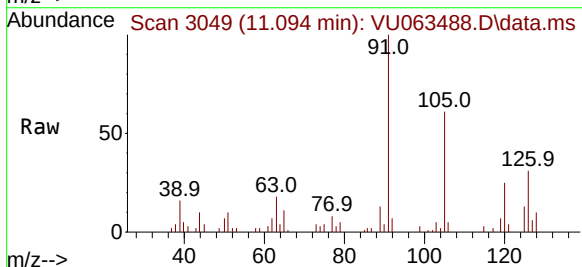
Instrument :
MSVOA_U
ClientSampleId :
MDL04

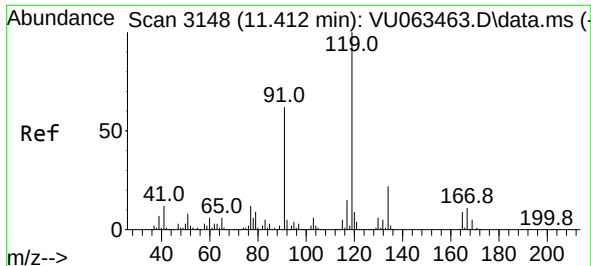
Tgt Ion: 75 Resp: 46994
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#



#82
4-Chlorotoluene
Concen: 2.911 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.007 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 91 Resp: 14512
Ion Ratio Lower Upper
91 100
126 28.3 14.4 43.2

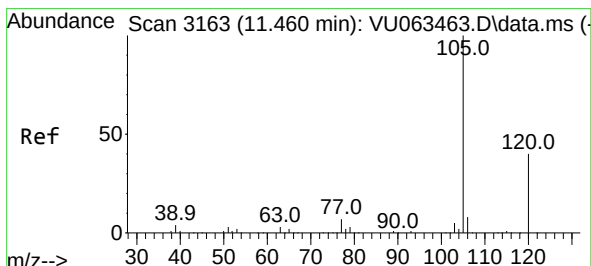
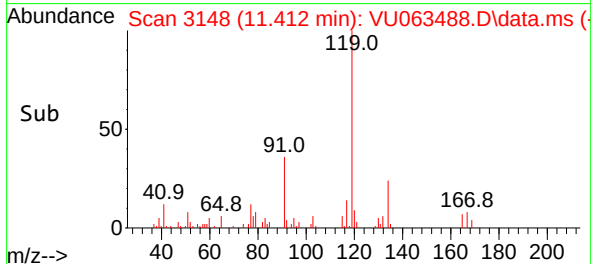
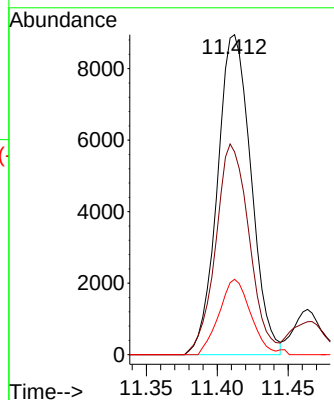
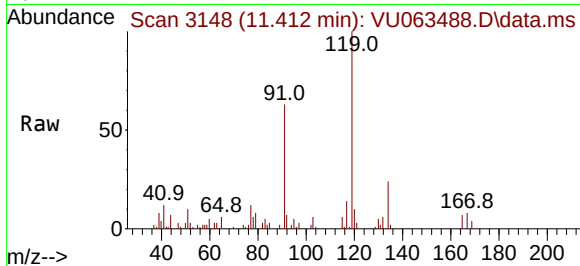




#83
 tert-Butylbenzene
 Concen: 2.929 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. 0.000 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

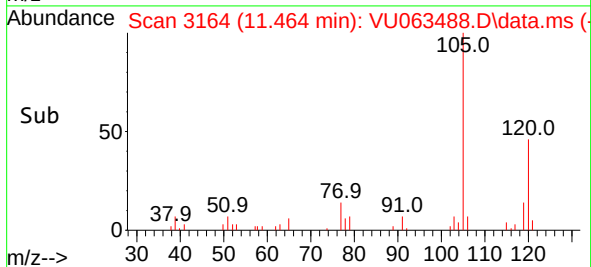
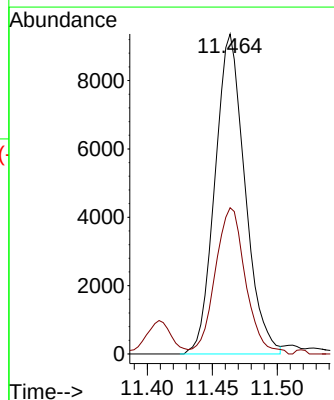
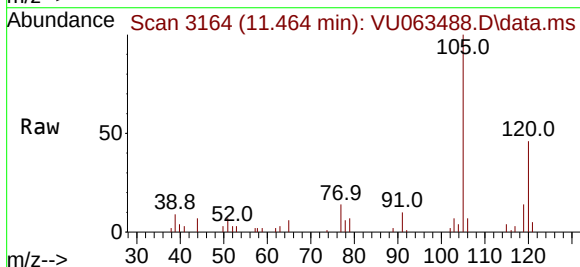
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

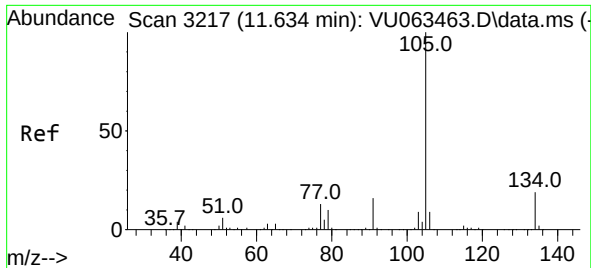
Tgt Ion:	119	Resp:	14830
Ion	Ratio	Lower	Upper
119	100		
91	65.7	30.3	91.0
134	22.3	11.2	33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 2.890 ug/l
 RT: 11.464 min Scan# 3164
 Delta R.T. 0.003 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

Tgt Ion:	105	Resp:	14988
Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.1	66.3

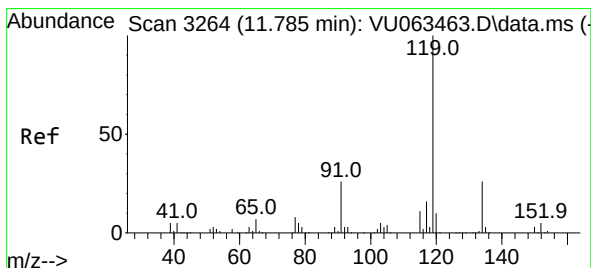
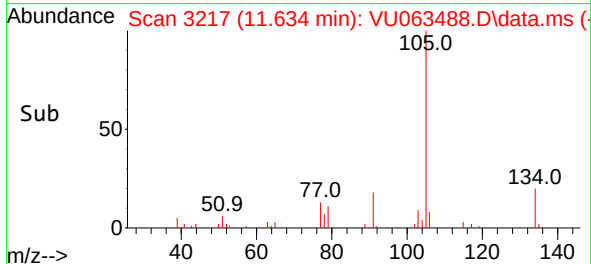
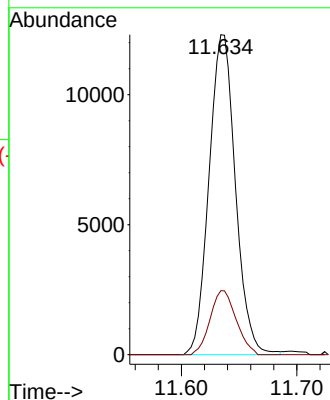
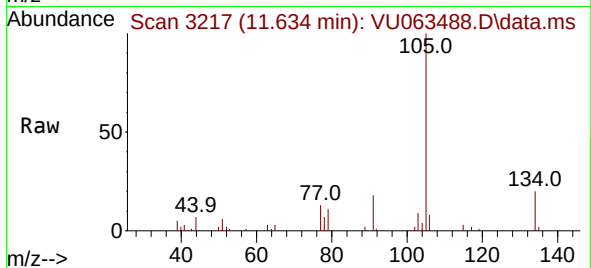




#85
 sec-Butylbenzene
 Concen: 2.924 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

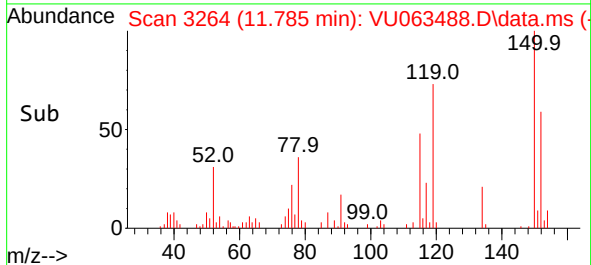
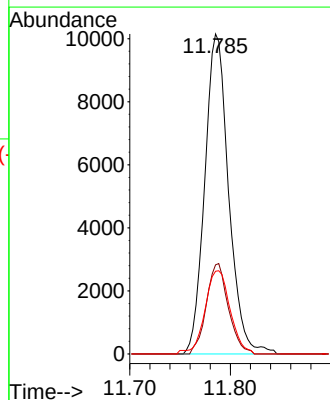
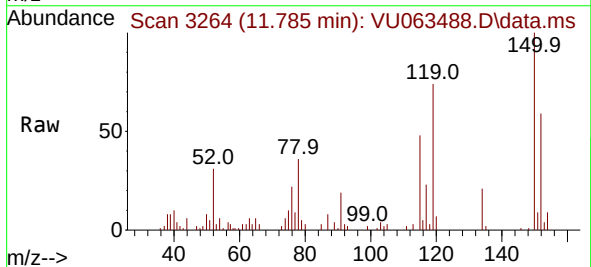
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

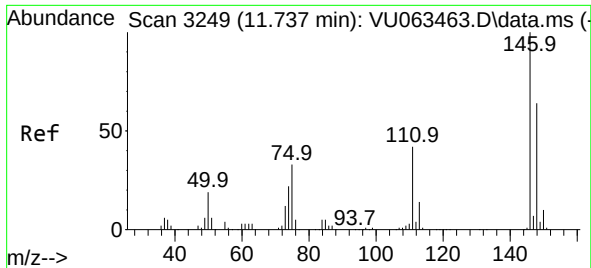
Tgt Ion:105 Resp: 19539
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 3.089 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

Tgt Ion:119 Resp: 16746
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 27.3 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 2.931 ug/l

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

Instrument :

MSVOA_U

ClientSampleId :

MDL04

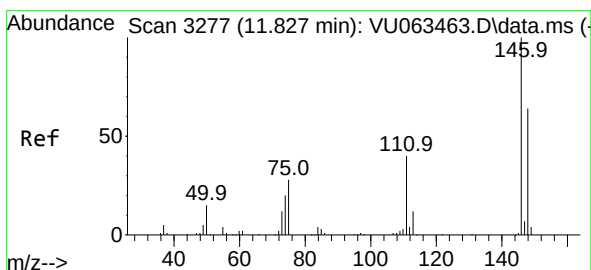
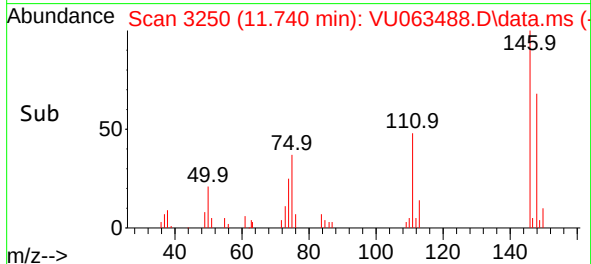
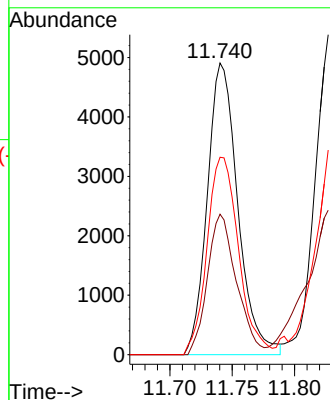
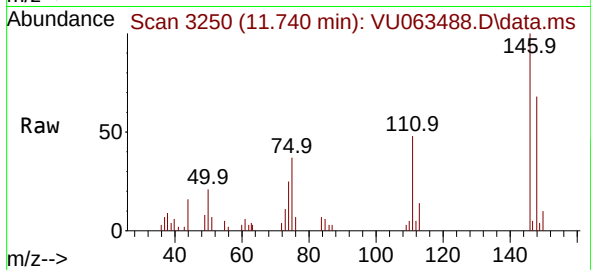
Tgt Ion:146 Resp: 8357

Ion Ratio Lower Upper

146 100

111 46.0 20.9 62.7

148 70.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 3.365 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU063488.D

Acq: 11 Jul 2025 11:15

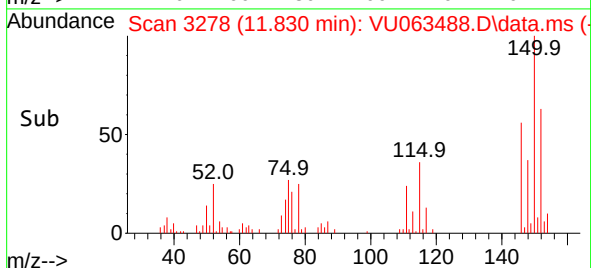
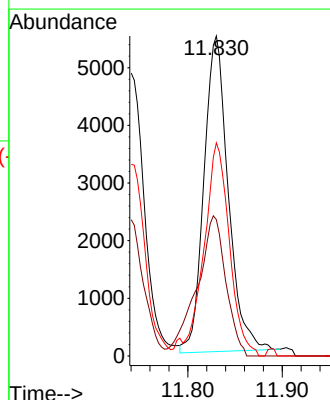
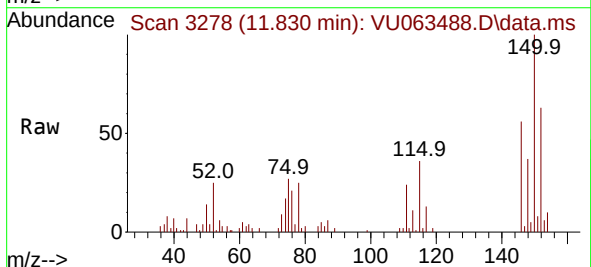
Tgt Ion:146 Resp: 9784

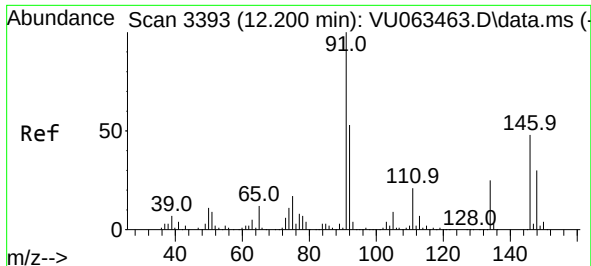
Ion Ratio Lower Upper

146 100

111 53.2 20.8 62.4

148 69.9 31.9 95.9

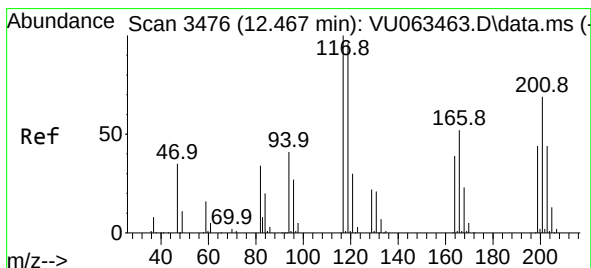
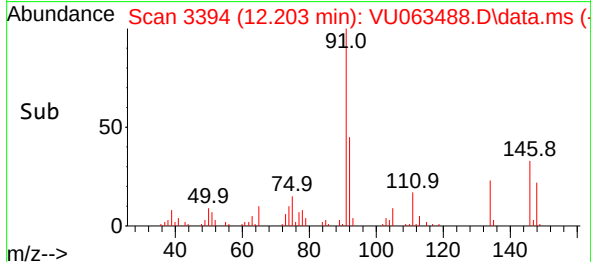
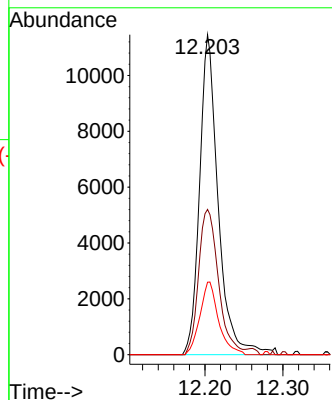
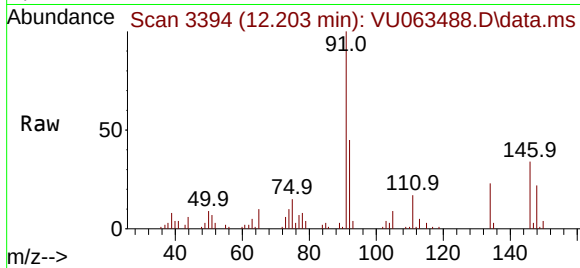




#89
n-Butylbenzene
Concen: 3.787 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

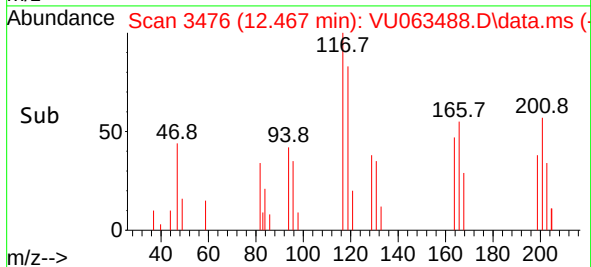
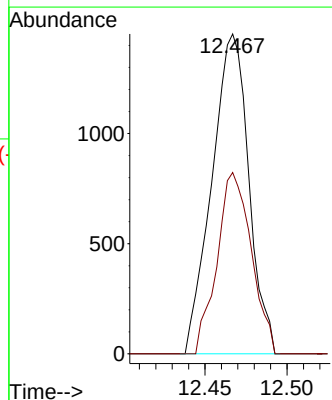
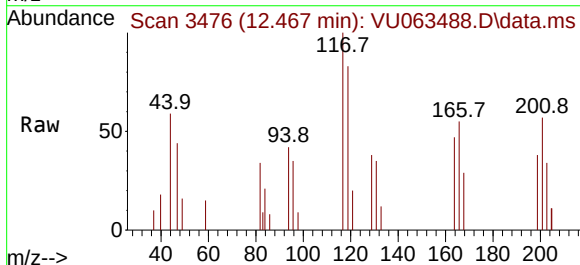
Instrument :
MSVOA_U
ClientSampleId :
MDL04

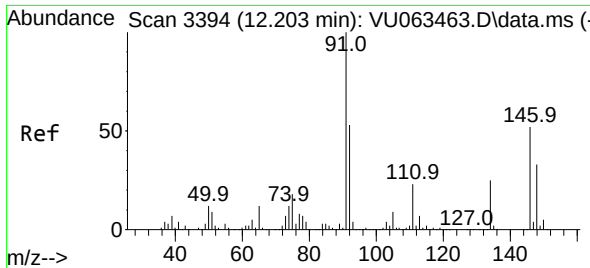
Tgt Ion: 91	Resp:	19001
Ion	Ratio	Lower Upper
91	100	
92	48.6	26.4 79.2
134	22.8	12.4 37.0



#90
Hexachloroethane
Concen: 2.504 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion: 117	Resp:	2270
Ion	Ratio	Lower Upper
117	100	
201	52.6	34.4 103.2

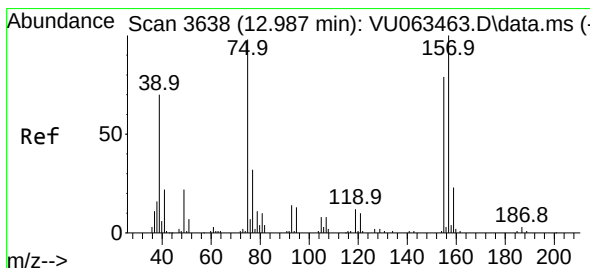
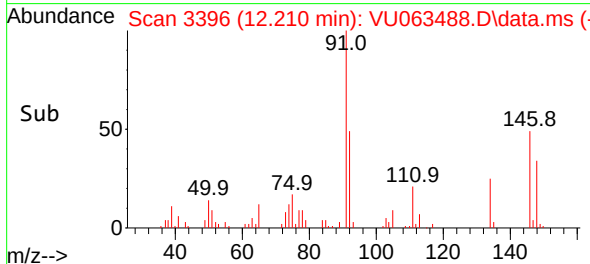
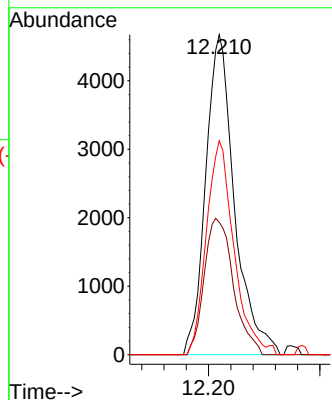
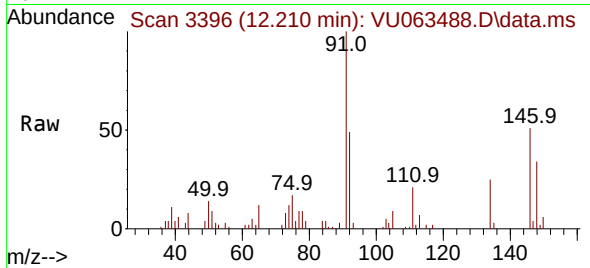




#91
 1,2-Dichlorobenzene
 Concen: 3.018 ug/l
 RT: 12.210 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

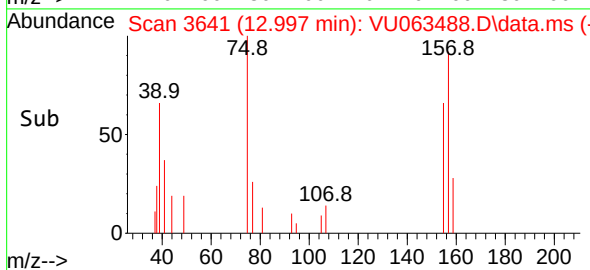
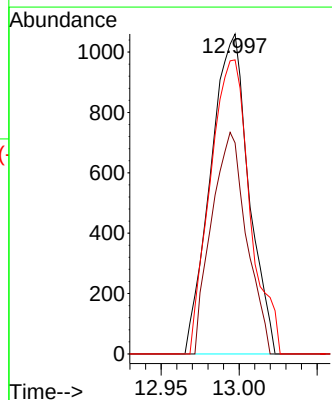
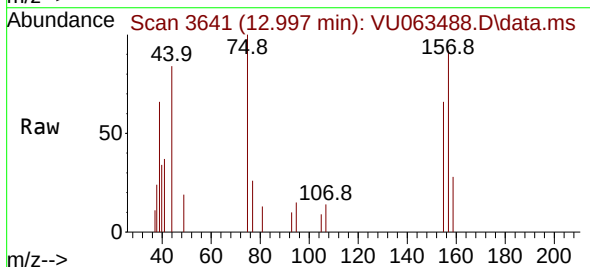
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

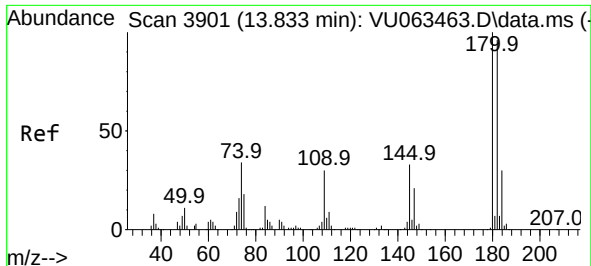
Tgt Ion:146 Resp: 8391
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.9 65.5
 148 64.1 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.433 ug/l
 RT: 12.997 min Scan# 3641
 Delta R.T. 0.010 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

Tgt Ion: 75 Resp: 1807
 Ion Ratio Lower Upper
 75 100
 155 63.4 39.1 117.5
 157 95.6 49.4 148.2

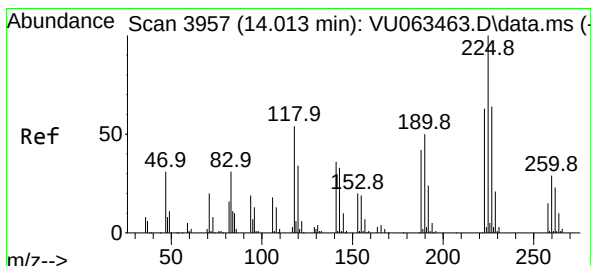
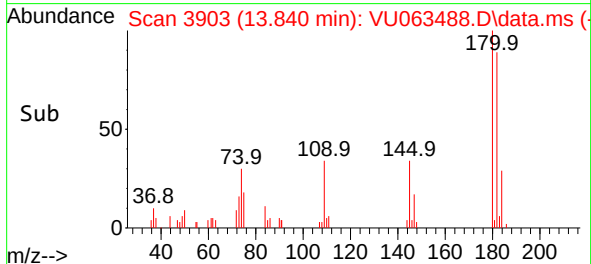
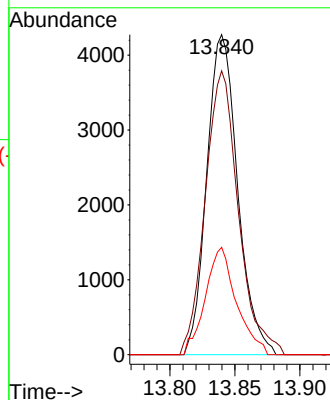
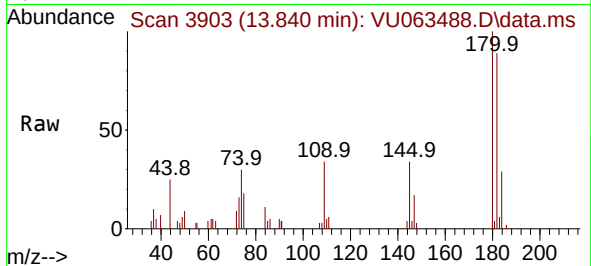




#93
 1,2,4-Trichlorobenzene
 Concen: 3.976 ug/l
 RT: 13.840 min Scan# 3901
 Delta R.T. 0.007 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

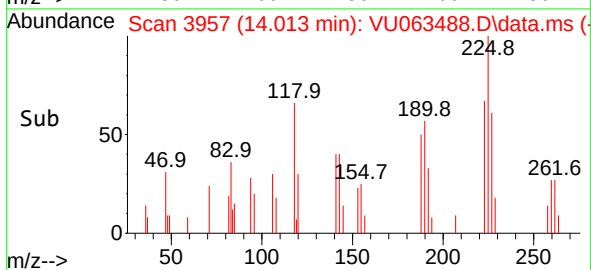
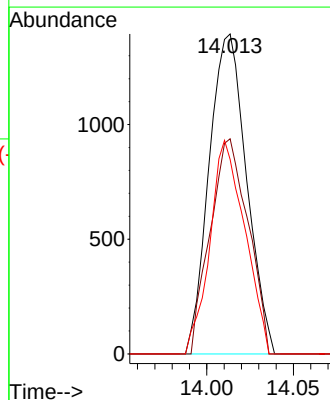
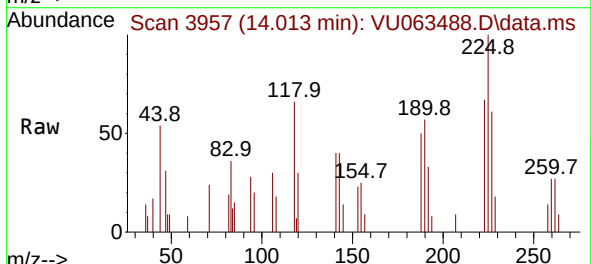
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

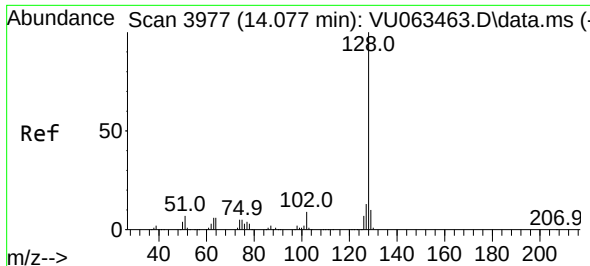
Tgt Ion:180 Resp: 7080
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.7 143.1
 145 33.7 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 2.755 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. 0.000 min
 Lab File: VU063488.D
 Acq: 11 Jul 2025 11:15

Tgt Ion:225 Resp: 2097
 Ion Ratio Lower Upper
 225 100
 223 68.4 32.4 97.0
 227 62.2 32.3 96.9

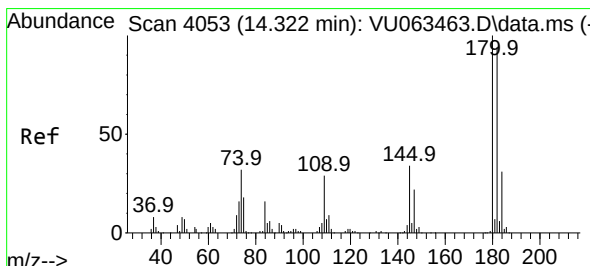
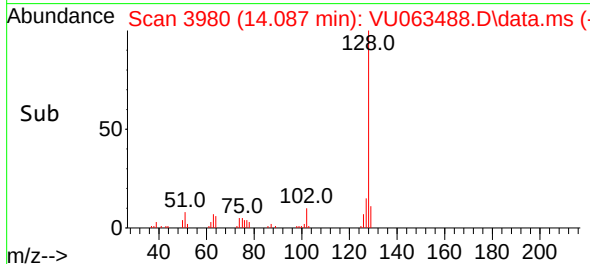
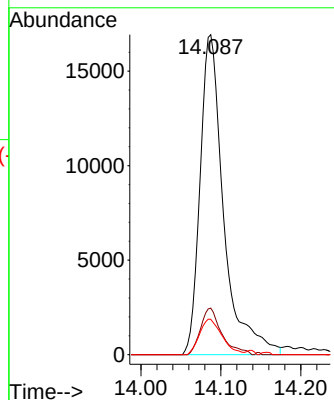
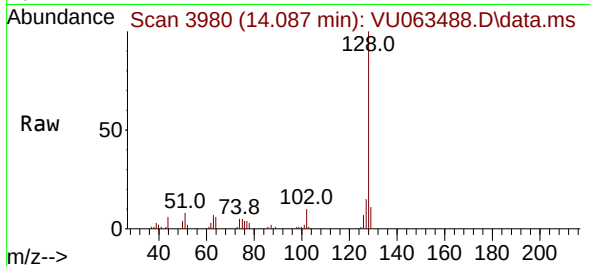




#95
Naphthalene
Concen: 5.976 ug/l
RT: 14.087 min Scan# 3977
Delta R.T. 0.010 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:128	Resp:	34855
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.2 15.4
129	10.6	8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 3.936 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063488.D
Acq: 11 Jul 2025 11:15

Tgt Ion:180	Resp:	6888
Ion Ratio	Lower	Upper
180	100	
182	98.4	47.8 143.3
145	35.2	17.2 51.5

