

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
 Data File : VU063480.D
 Acq On : 10 Jul 2025 14:59
 Operator : MD/SY
 Sample : MDL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Quant Time: Jul 11 04:55:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 11 04:42:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.357	168	112286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	200064	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	183925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	96820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	72616	50.687	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.380%
35) Dibromofluoromethane	5.277	113	57002	47.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	7.888	98	180017	45.794	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.580%#
62) 4-Bromofluorobenzene	10.624	95	81659	47.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.980%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	421	0.471	ug/l	89
3) Chloromethane	1.522	50	846	0.778	ug/l	91
4) Vinyl Chloride	1.599	62	735	0.609	ug/l	94
5) Bromomethane	1.846	94	862	1.020	ug/l	92
6) Chloroethane	1.923	64	1083	1.239	ug/l #	66
7) Trichlorofluoromethane	2.132	101	1071	0.550	ug/l #	71
8) Diethyl Ether	2.370	74	436	0.538	ug/l	60
9) 1,1,2-Trichlorotrifluo...	2.563	101	479	0.416	ug/l #	73
10) Methyl Iodide	2.714	142	758	0.631	ug/l #	88
11) Tert butyl alcohol	3.190	59	2588	5.388	ug/l	100
12) 1,1-Dichloroethene	2.563	96	932	0.870	ug/l #	77
13) Acrolein	2.502	56	59	0.870	ug/l #	1
14) Allyl chloride	2.904	41	1445	0.567	ug/l #	81
15) Acrylonitrile	3.312	53	3440	3.343	ug/l	90
16) Acetone	2.621	43	5511	4.586	ug/l	93
17) Carbon Disulfide	2.782	76	2176	0.850	ug/l #	87
18) Methyl Acetate	2.952	43	1811	0.586	ug/l #	82
19) Methyl tert-butyl Ether	3.357	73	2341	0.507	ug/l	97
20) Methylene Chloride	3.029	84	2679	1.529	ug/l #	85
21) trans-1,2-Dichloroethene	3.341	96	1098	0.954	ug/l #	78
22) Diisopropyl ether	3.994	45	2658	0.612	ug/l #	60
23) Vinyl Acetate	3.968	43	7763	2.304	ug/l #	94
24) 1,1-Dichloroethane	3.849	63	1353	0.549	ug/l #	82
25) 2-Butanone	4.692	43	178	0.132	ug/l #	49
26) 2,2-Dichloropropane	4.640	77	1293	0.603	ug/l #	73
27) cis-1,2-Dichloroethene	4.663	96	936	0.616	ug/l	79
28) Bromochloromethane	4.972	49	765	0.661	ug/l #	79
29) Tetrahydrofuran	5.068	42	2816	3.309	ug/l #	76
30) Chloroform	5.078	83	1264	0.486	ug/l	84
31) Cyclohexane	5.354	56	4392	2.217	ug/l #	55
32) 1,1,1-Trichloroethane	5.300	97	1212	0.547	ug/l #	42
36) 1,1-Dichloropropene	5.518	75	819	0.500	ug/l #	84
37) Ethyl Acetate	4.836	43	142	0.054	ug/l #	70
38) Carbon Tetrachloride	5.508	117	597	0.331	ug/l	95
39) Methylcyclohexane	6.750	83	1187	0.600	ug/l #	85
40) Benzene	5.769	78	2741	0.536	ug/l #	90

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.955	41	102	0.081	ug/l #	21
42) 1,2-Dichloroethane	5.798	62	837	0.435	ug/l #	76
43) Isopropyl Acetate	5.939	43	1405	0.399	ug/l #	68
44) Trichloroethene	6.537	130	649	0.474	ug/l	42
45) 1,2-Dichloropropane	6.785	63	771	0.542	ug/l	92
46) Dibromomethane	6.914	93	465	0.459	ug/l #	79
47) Bromodichloromethane	7.097	83	1067	0.507	ug/l #	73
48) Methyl methacrylate	6.936	41	80	0.049	ug/l #	12
49) 1,4-Dioxane	6.981	88	429	12.000	ug/l #	37
51) 4-Methyl-2-Pentanone	7.795	43	8214	3.220	ug/l	90
52) Toluene	7.962	92	1772	0.529	ug/l	94
53) t-1,3-Dichloropropene	8.213	75	781	0.424	ug/l	97
54) cis-1,3-Dichloropropene	7.608	75	850	0.412	ug/l #	58
55) 1,1,2-Trichloroethane	8.396	97	520	0.366	ug/l	93
56) Ethyl methacrylate	8.335	69	936	0.408	ug/l #	84
57) 1,3-Dichloropropane	8.569	76	1162	0.496	ug/l #	87
59) 2-Hexanone	8.692	43	5795	3.003	ug/l	99
60) Dibromochloromethane	8.804	129	725	0.455	ug/l	97
61) 1,2-Dibromoethane	8.920	107	632	0.453	ug/l	94
64) Tetrachloroethene	8.544	164	639	0.467	ug/l #	87
65) Chlorobenzene	9.441	112	2176	0.569	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.524	131	578	0.440	ug/l #	53
67) Ethyl Benzene	9.560	91	3763	0.572	ug/l	93
68) m/p-Xylenes	9.695	106	2649	1.055	ug/l	86
69) o-Xylene	10.097	106	1284	0.503	ug/l	97
70) Styrene	10.119	104	1752	0.432	ug/l	98
71) Bromoform	10.286	173	510	0.446	ug/l #	72
73) Isopropylbenzene	10.479	105	3323	0.504	ug/l	97
74) N-amyl acetate	10.331	43	1400	0.474	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	10.778	83	1308	0.539	ug/l #	87
76) 1,2,3-Trichloropropane	10.624	75	44045	17.168	ug/l #	85
77) Bromobenzene	10.778	156	790	0.489	ug/l	72
78) n-propylbenzene	10.904	91	4646	0.608	ug/l	98
79) 2-Chlorotoluene	10.981	91	2939	0.613	ug/l	97
80) 1,3,5-Trimethylbenzene	11.084	105	2961	0.514	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.624	75	44045	85.624	ug/l #	12
82) 4-Chlorotoluene	11.100	91	2989	0.549	ug/l	100
83) tert-Butylbenzene	11.412	119	2763	0.500	ug/l	78
84) 1,2,4-Trimethylbenzene	11.473	105	2732	0.483	ug/l	97
85) sec-Butylbenzene	11.637	105	3919	0.537	ug/l	96
86) p-Isopropyltoluene	11.788	119	3144	0.531	ug/l #	85
87) 1,3-Dichlorobenzene	11.749	146	1877	0.603	ug/l	92
88) 1,4-Dichlorobenzene	11.749	146	1877	0.592	ug/l	91
89) n-Butylbenzene	12.209	91	3524	0.644	ug/l	92
90) Hexachloroethane	12.470	117	406	0.410	ug/l #	48
91) 1,2-Dichlorobenzene	12.219	146	1826	0.602	ug/l #	83
92) 1,2-Dibromo-3-Chloropr...	12.997	75	266	0.463	ug/l #	64
93) 1,2,4-Trichlorobenzene	13.849	180	1230	0.633	ug/l	85
94) Hexachlorobutadiene	14.013	225	506	0.609	ug/l #	61
95) Naphthalene	14.109	128	5836	0.917	ug/l #	79
96) 1,2,3-Trichlorobenzene	14.335	180	1411	0.739	ug/l	74

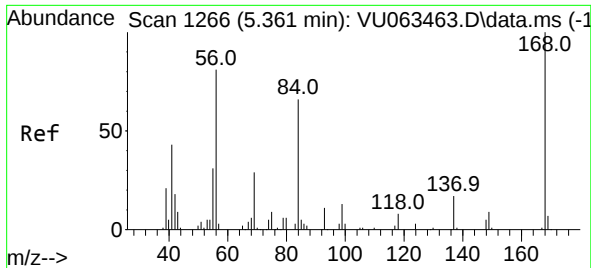
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

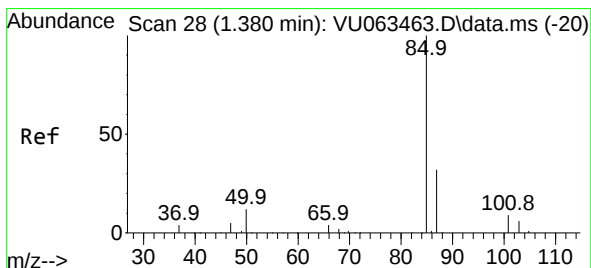
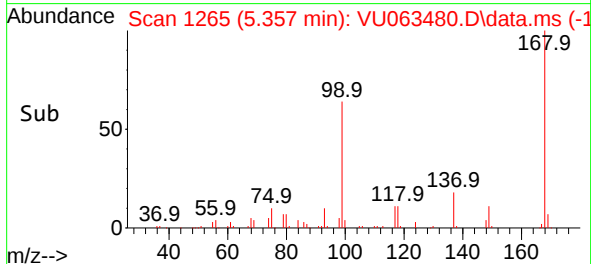
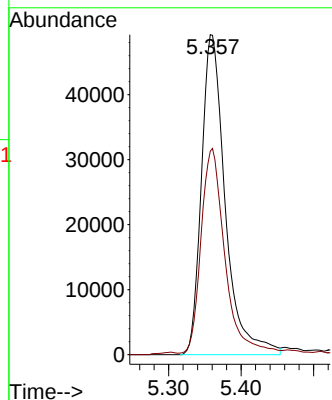
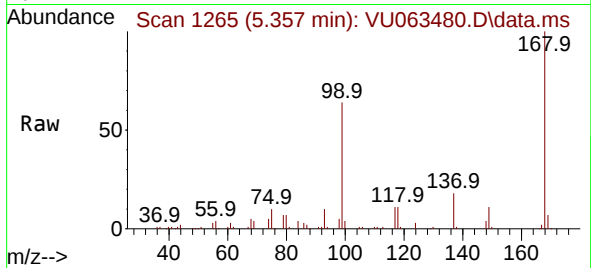
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

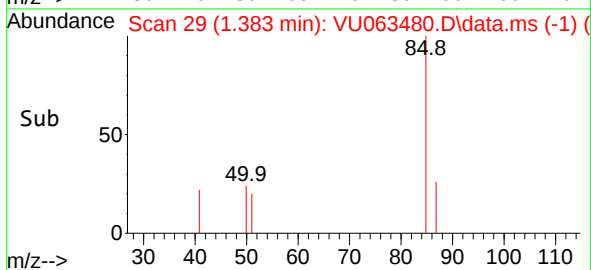
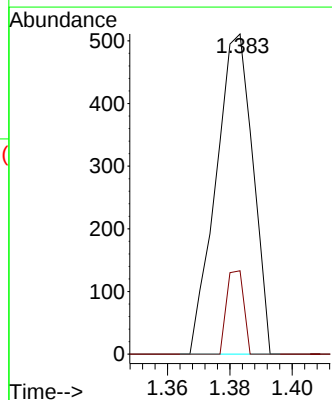
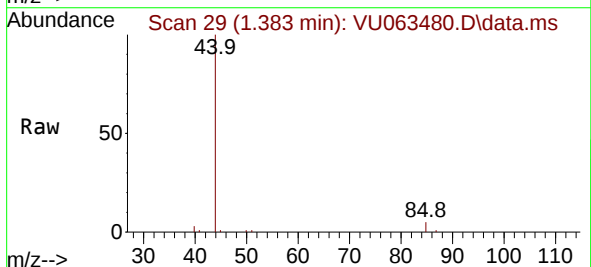
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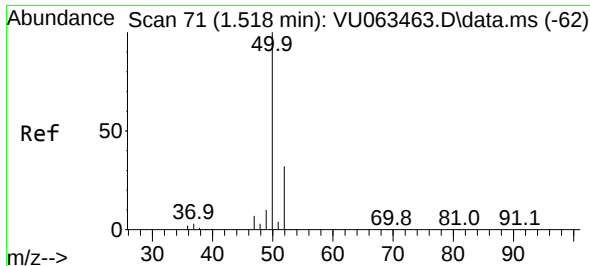
Tgt Ion:168 Resp: 112286
Ion Ratio Lower Upper
168 100
99 63.1 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 0.471 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 85 Resp: 421
Ion Ratio Lower Upper
85 100
87 26.0 16.1 48.2

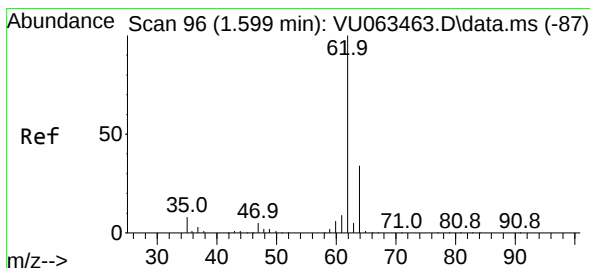
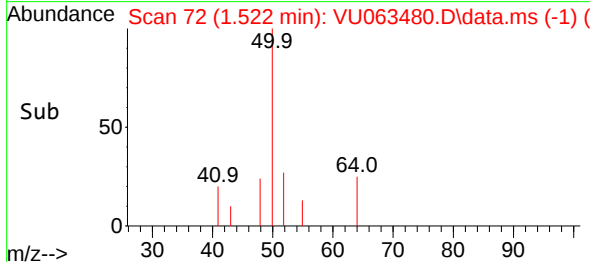
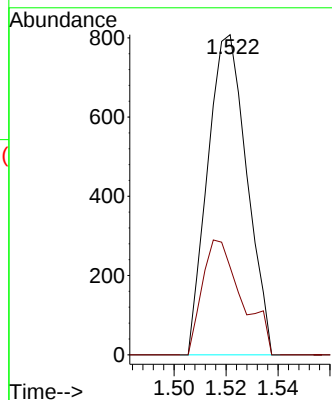
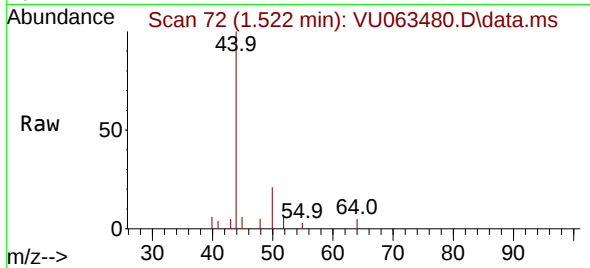




#3
Chloromethane
Concen: 0.778 ug/l
RT: 1.522 min Scan# 71
Delta R.T. 0.004 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

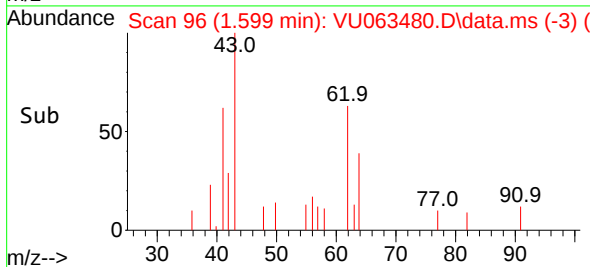
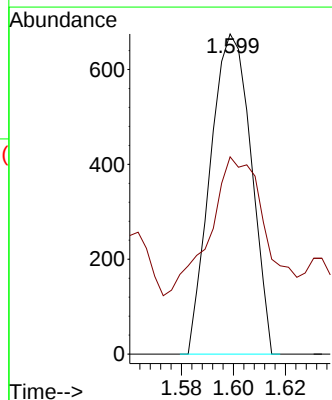
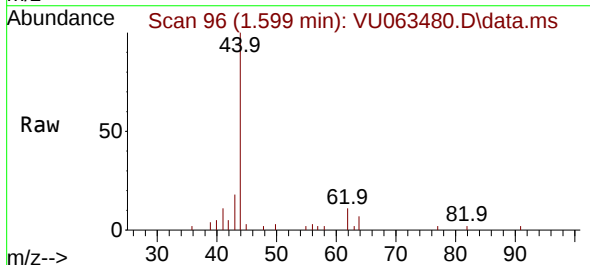
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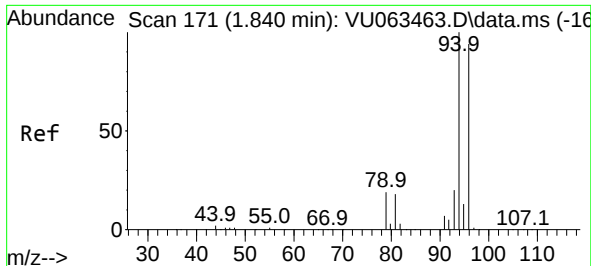
Tgt Ion: 50 Resp: 846
Ion Ratio Lower Upper
50 100
52 27.4 25.8 38.8



#4
Vinyl Chloride
Concen: 0.609 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 62 Resp: 735
Ion Ratio Lower Upper
62 100
64 36.7 26.9 40.3

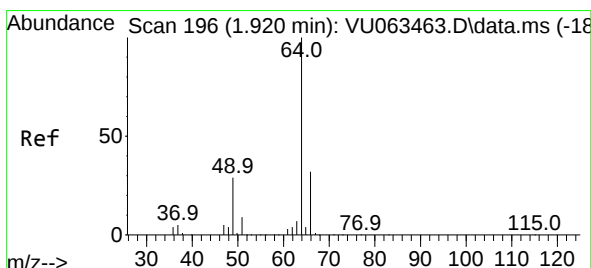
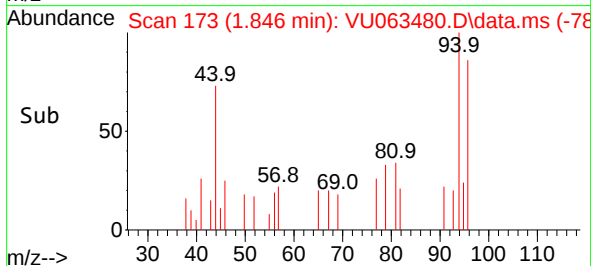
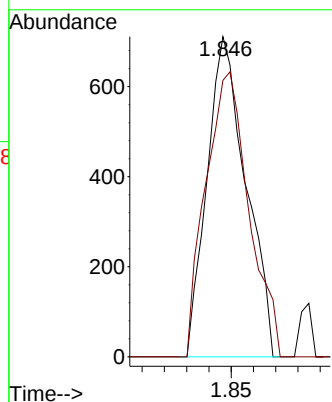
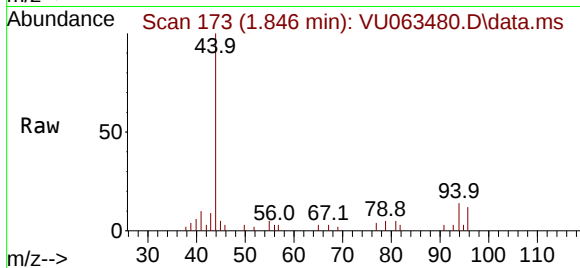




#5
Bromomethane
Concen: 1.020 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

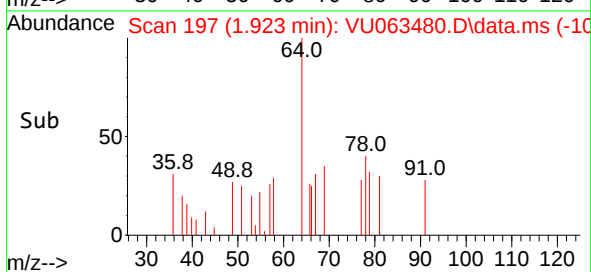
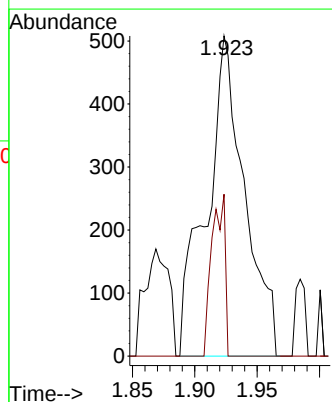
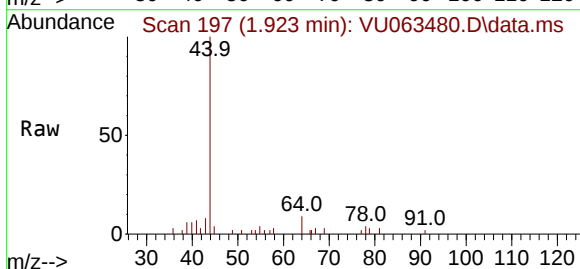
Instrument :
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Tgt Ion: 94 Resp: 862
Ion Ratio Lower Upper
94 100
96 86.4 75.5 113.3



#6
Chloroethane
Concen: 1.239 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 64 Resp: 1083
Ion Ratio Lower Upper
64 100
66 50.6 25.3 37.9#

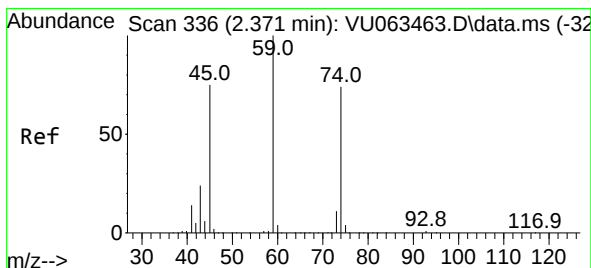
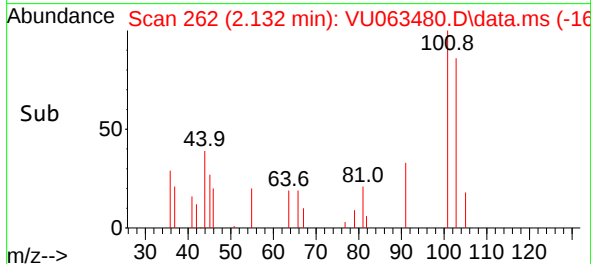
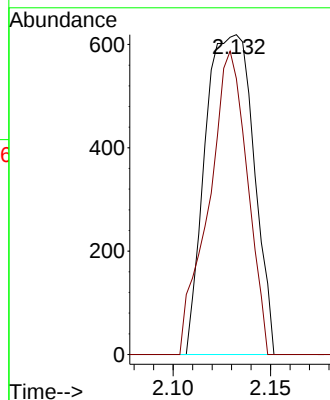
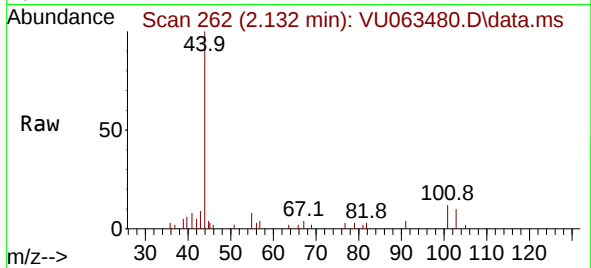




#7
 Trichlorofluoromethane
 Concen: 0.550 ug/l
 RT: 2.132 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VU063480.D
 Acq: 10 Jul 2025 14:59

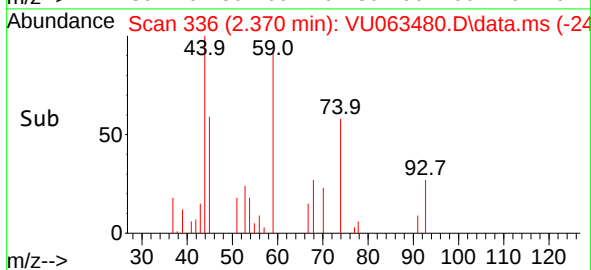
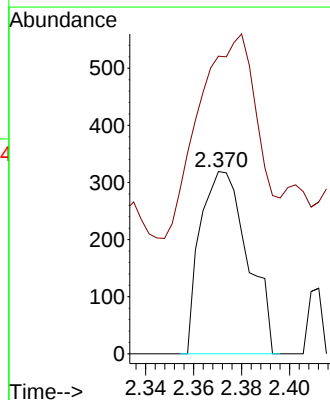
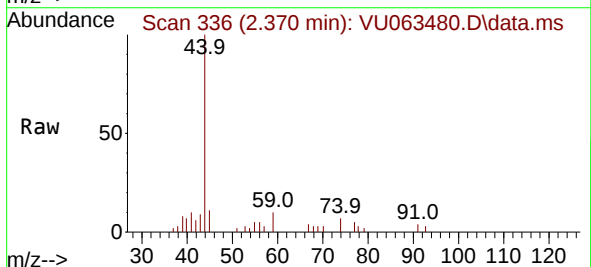
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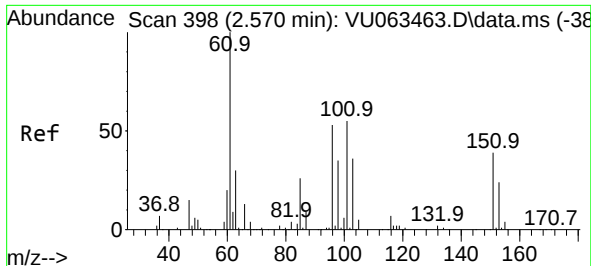
Tgt Ion:101 Resp: 1071
 Ion Ratio Lower Upper
 101 100
 103 86.3 51.1 76.7#



#8
 Diethyl Ether
 Concen: 0.538 ug/l
 RT: 2.370 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VU063480.D
 Acq: 10 Jul 2025 14:59

Tgt Ion: 74 Resp: 436
 Ion Ratio Lower Upper
 74 100
 45 139.0 49.7 149.1

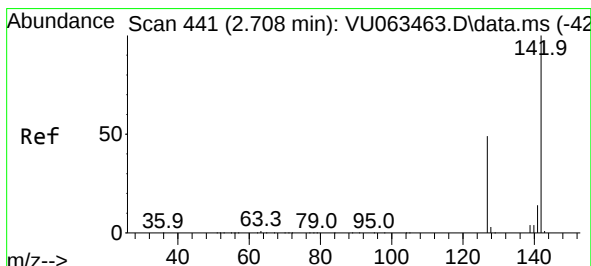
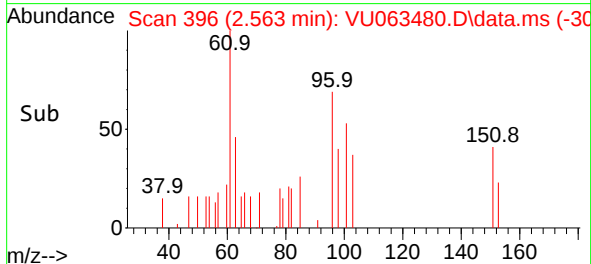
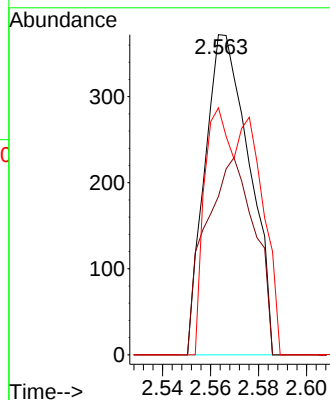
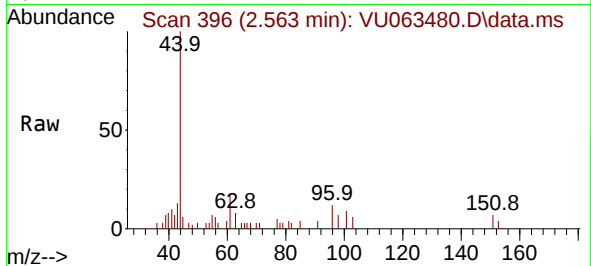




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.416 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.007 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

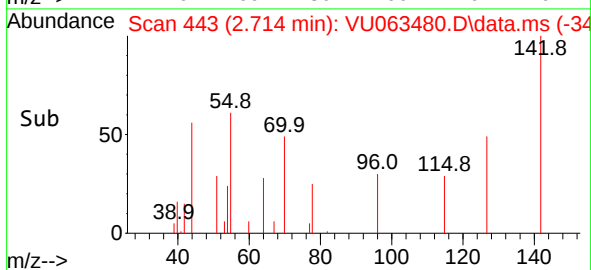
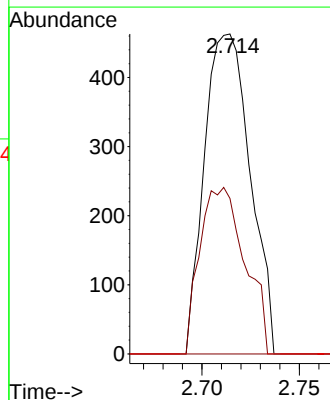
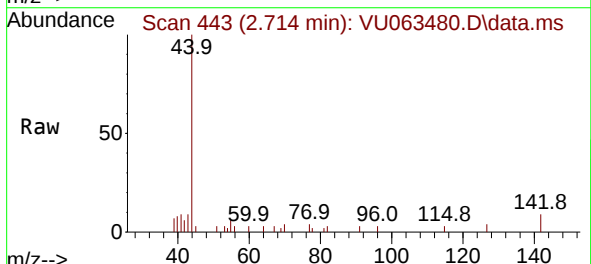
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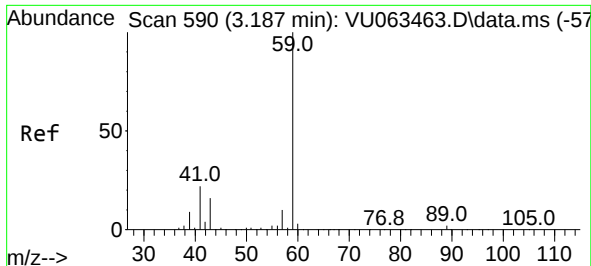
Tgt Ion:101 Resp: 479
Ion Ratio Lower Upper
101 100
85 67.8 39.6 59.4#
151 49.5 57.2 85.8#



#10
Methyl Iodide
Concen: 0.631 ug/l
RT: 2.714 min Scan# 443
Delta R.T. 0.006 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion:142 Resp: 758
Ion Ratio Lower Upper
142 100
127 51.2 38.2 57.4
141 0.0 11.1 16.7#

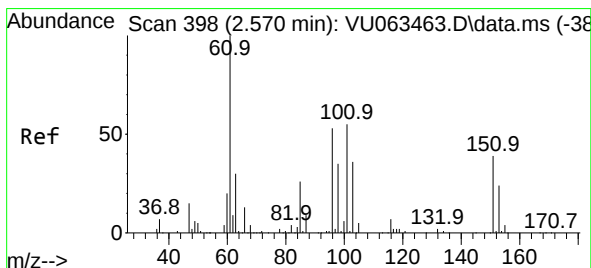
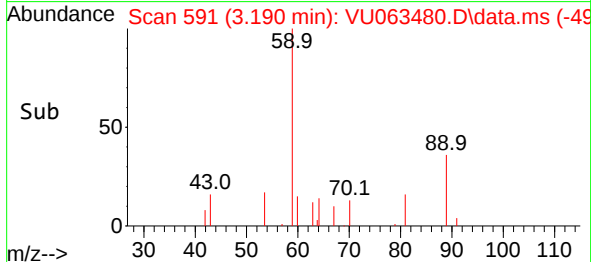
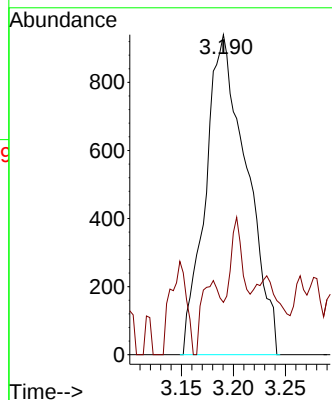
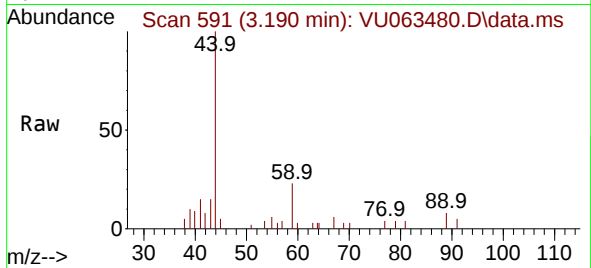




#11
Tert butyl alcohol
Concen: 5.388 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

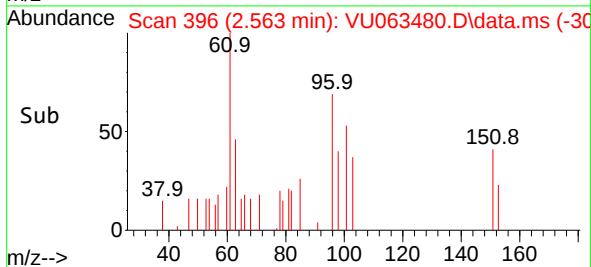
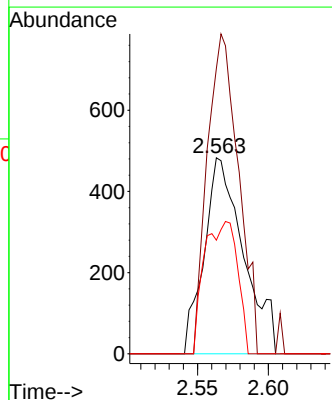
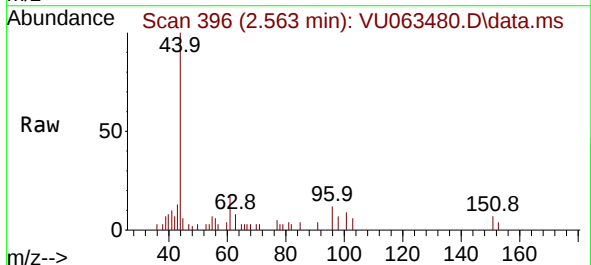
Instrument :
MSVOA_U
ClientSampleId :
MDL03

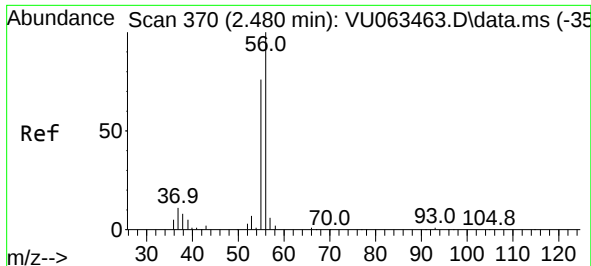
Tgt Ion: 59 Resp: 2588
Ion Ratio Lower Upper
59 100
57 10.9 8.8 13.2



#12
1,1-Dichloroethene
Concen: 0.870 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.007 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 96 Resp: 932
Ion Ratio Lower Upper
96 100
61 145.5 149.6 224.4#
98 58.0 52.0 78.0





#13

Acrolein

Concen: 0.870 ug/l

RT: 2.502 min Scan# 31

Delta R.T. 0.022 min

Lab File: VU063480.D

Acq: 10 Jul 2025 14:59

Instrument :

MSVOA_U

ClientSampleId :

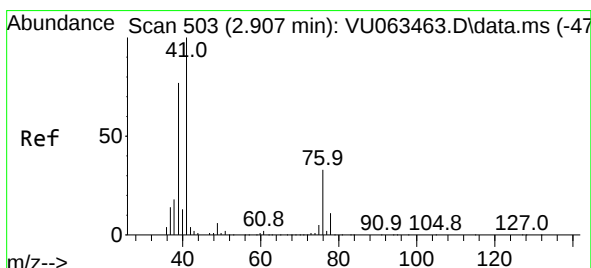
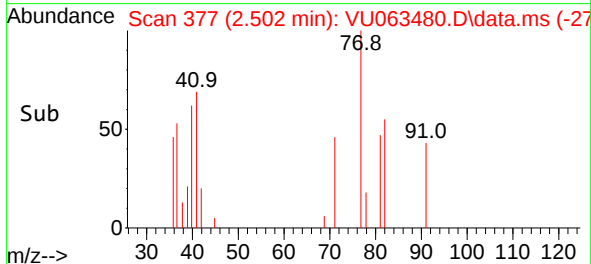
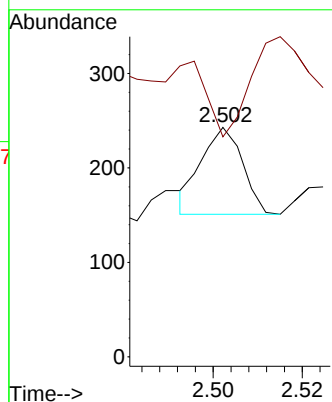
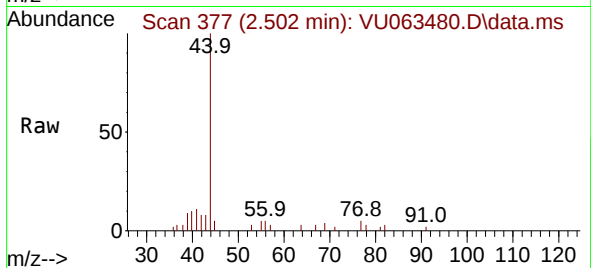
MDL03

Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 164.4 60.2 90.2#



#14

Allyl chloride

Concen: 0.567 ug/l

RT: 2.904 min Scan# 502

Delta R.T. -0.003 min

Lab File: VU063480.D

Acq: 10 Jul 2025 14:59

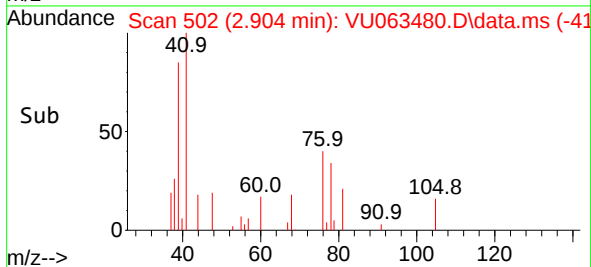
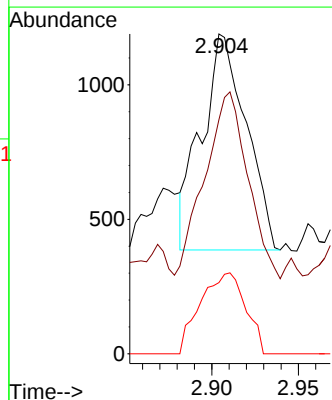
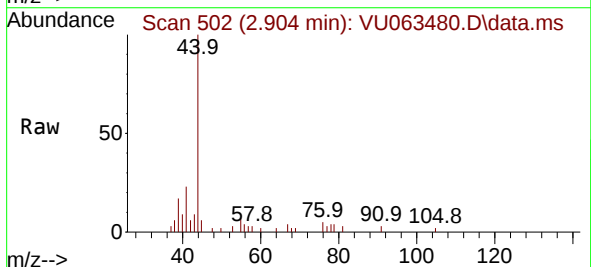
Tgt Ion: 41 Resp: 1445

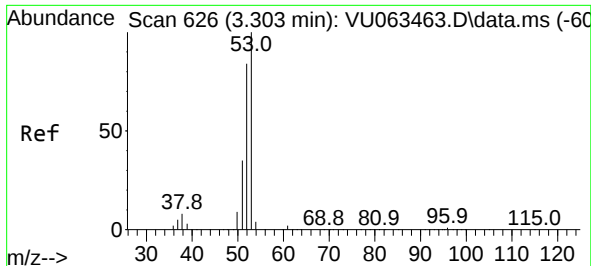
Ion Ratio Lower Upper

41 100

39 83.1 53.9 80.9#

76 37.9 23.1 34.7#

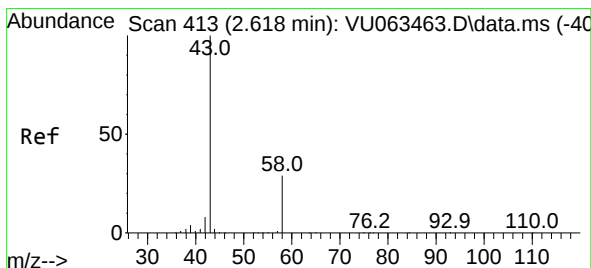
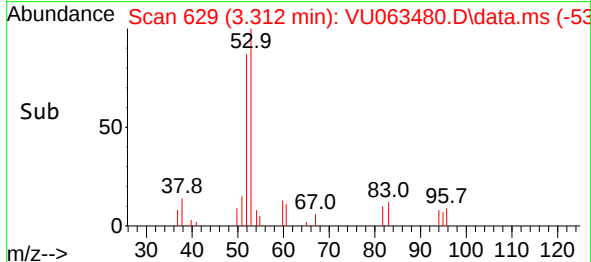
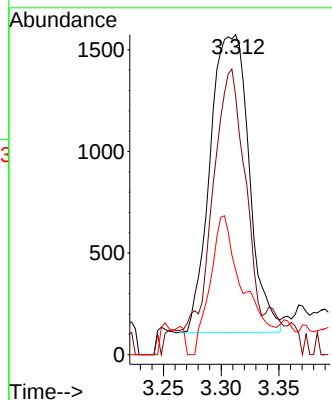
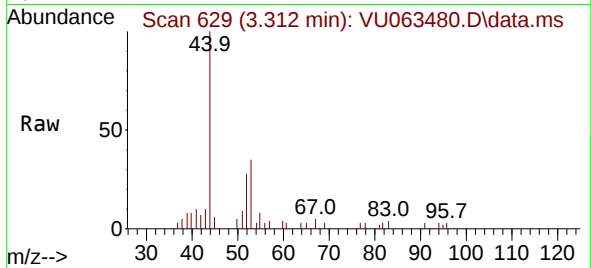




#15
Acrylonitrile
Concen: 3.343 ug/l
RT: 3.312 min Scan# 61
Delta R.T. 0.009 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

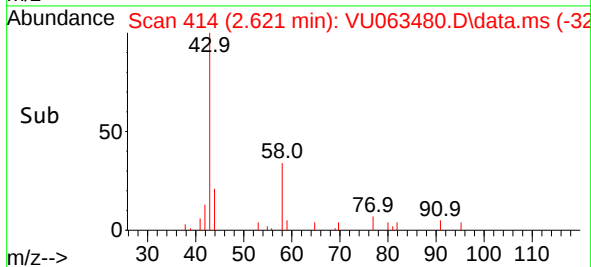
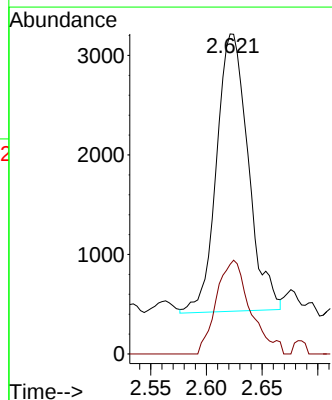
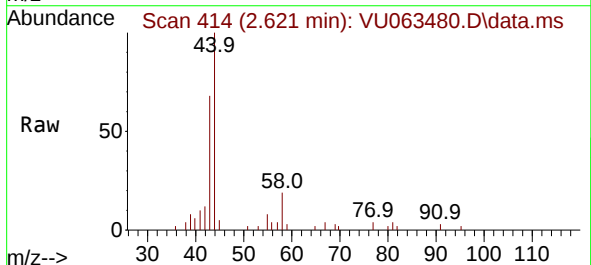
Instrument :
MSVOA_U
ClientSampleId :
MDL03

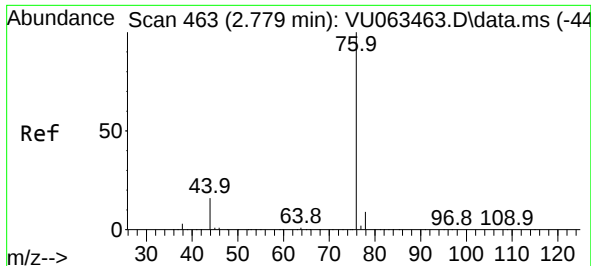
Tgt Ion: 53 Resp: 3440
Ion Ratio Lower Upper
53 100
52 72.4 65.0 97.4
51 41.1 28.8 43.2



#16
Acetone
Concen: 4.586 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 43 Resp: 5511
Ion Ratio Lower Upper
43 100
58 32.6 23.1 34.7

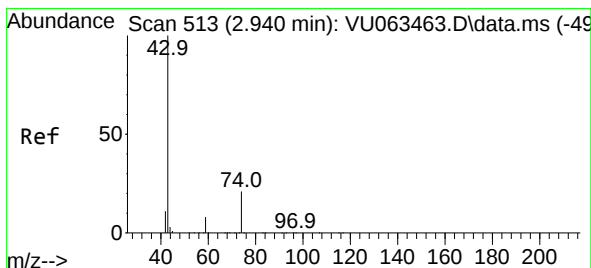
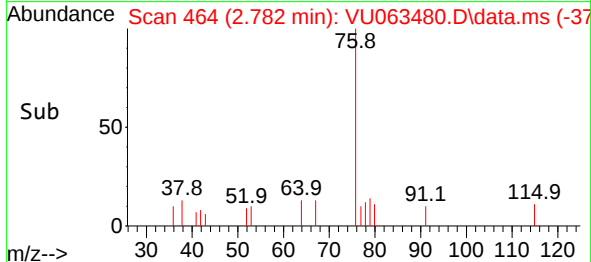
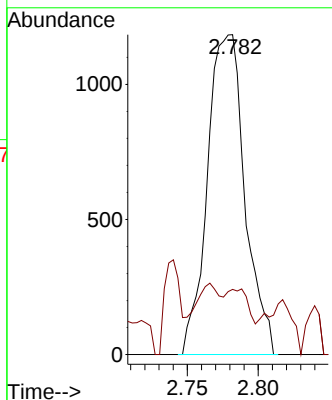
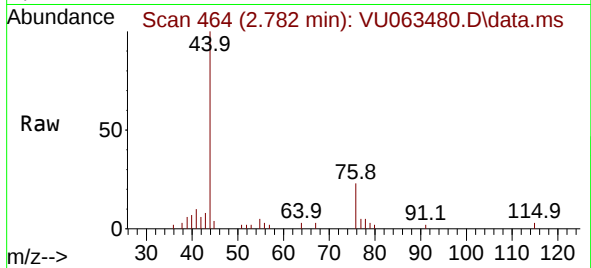




#17
Carbon Disulfide
Concen: 0.850 ug/l
RT: 2.782 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

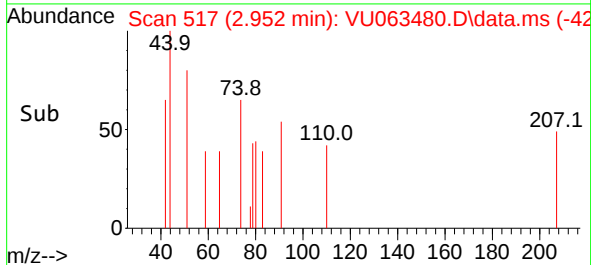
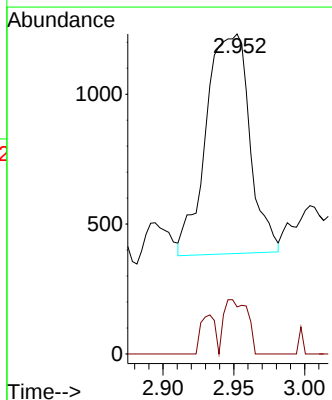
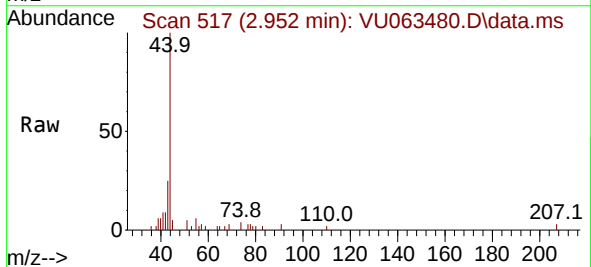
Instrument :
MSVOA_U
ClientSampleId :
MDL03

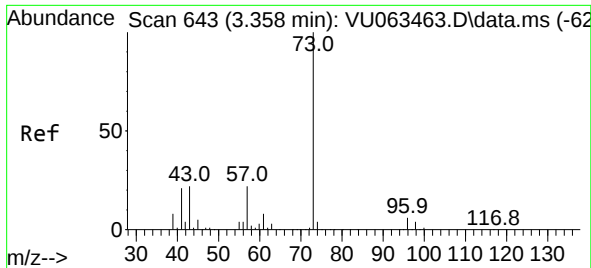
Tgt Ion: 76 Resp: 2176
Ion Ratio Lower Upper
76 100
78 4.6 7.5 11.3#



#18
Methyl Acetate
Concen: 0.586 ug/l
RT: 2.952 min Scan# 517
Delta R.T. 0.013 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 43 Resp: 1811
Ion Ratio Lower Upper
43 100
74 13.3 17.3 25.9#

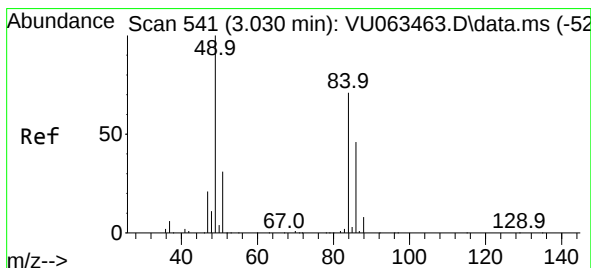
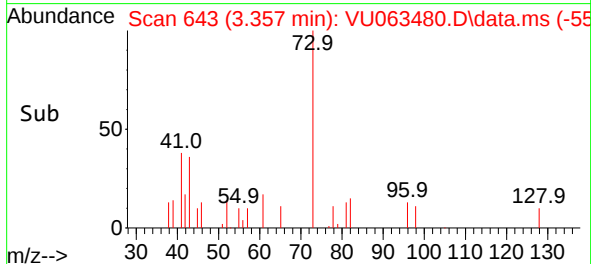
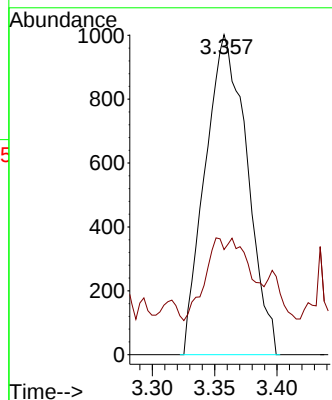
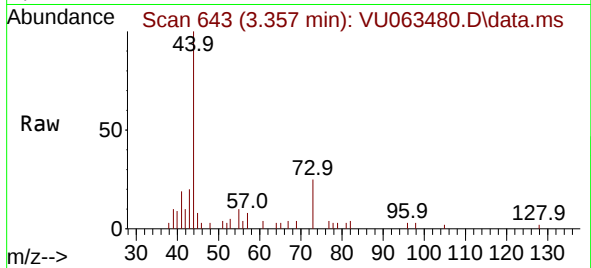




#19
Methyl tert-butyl Ether
Concen: 0.507 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.001 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

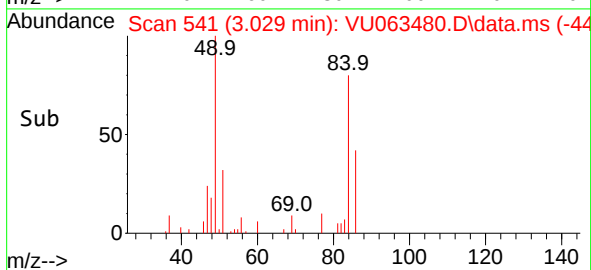
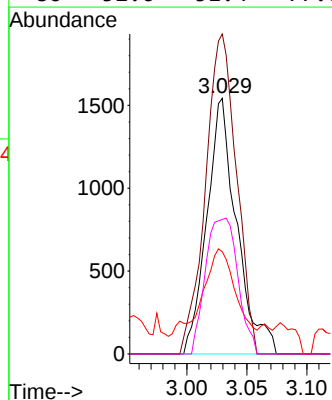
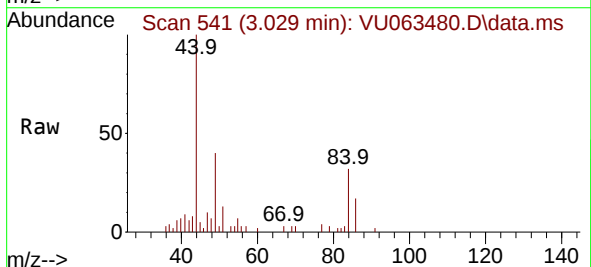
Instrument :
MSVOA_U
ClientSampleId :
MDL03

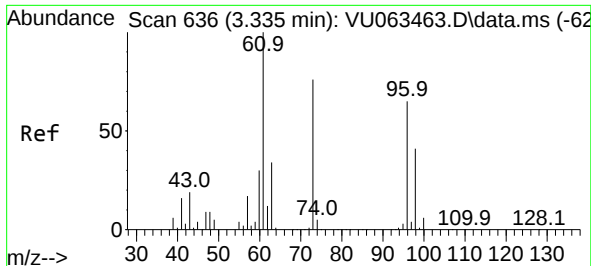
Tgt Ion: 73 Resp: 2341
Ion Ratio Lower Upper
73 100
57 20.7 17.8 26.6



#20
Methylene Chloride
Concen: 1.529 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.001 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 84 Resp: 2679
Ion Ratio Lower Upper
84 100
49 125.1 112.1 168.1
51 27.8 34.4 51.6#
86 52.6 51.4 77.0

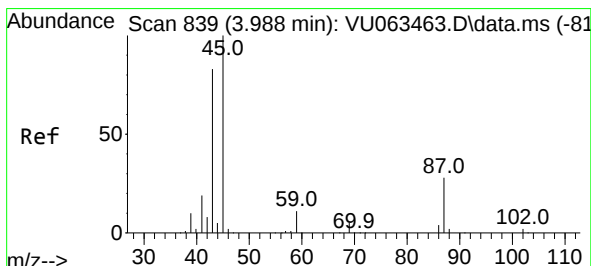
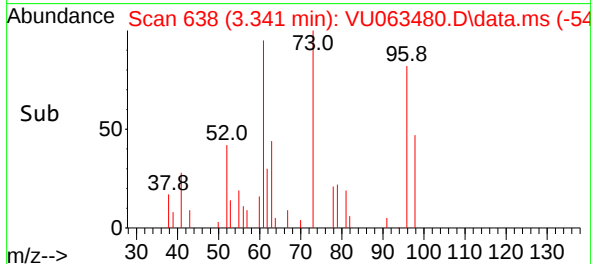
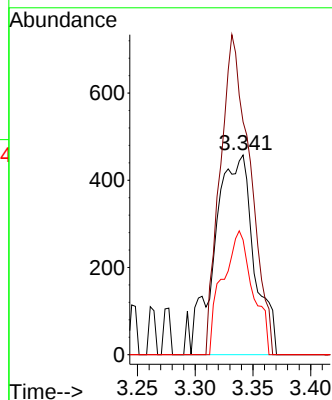
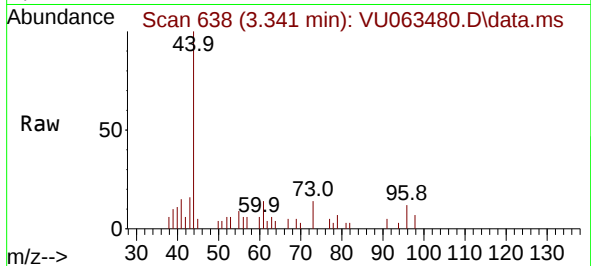




#21
trans-1,2-Dichloroethene
Concen: 0.954 ug/l
RT: 3.341 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

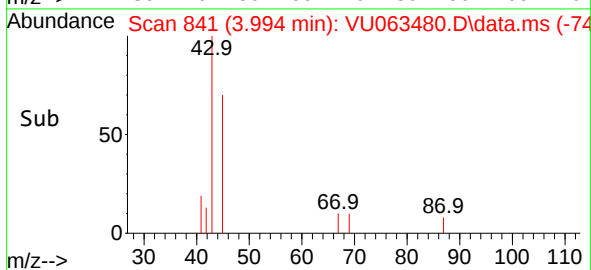
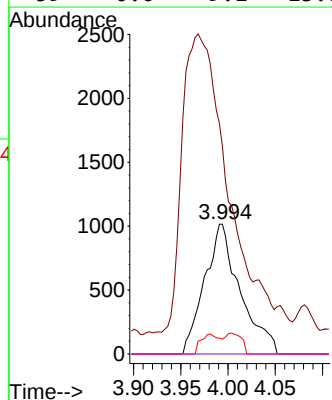
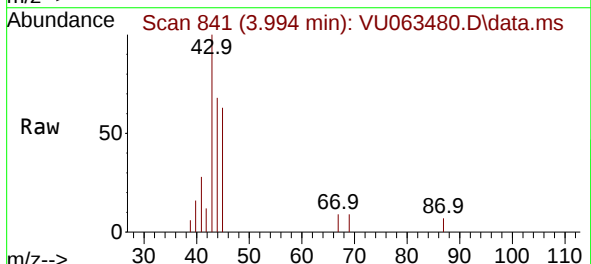
Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 96 Resp: 1098
Ion Ratio Lower Upper
96 100
61 116.6 122.2 183.4#
98 57.4 49.9 74.9



#22
Diisopropyl ether
Concen: 0.612 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.006 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 45 Resp: 2658
Ion Ratio Lower Upper
45 100
43 122.4 66.5 99.7#
87 11.5 22.6 33.8#
59 0.0 9.1 13.7#

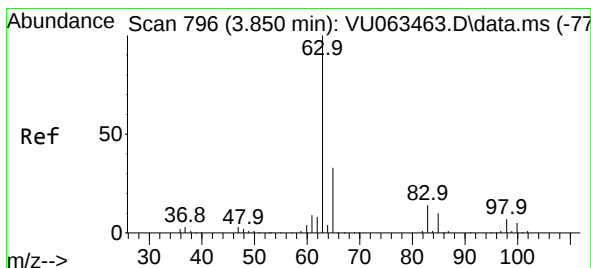
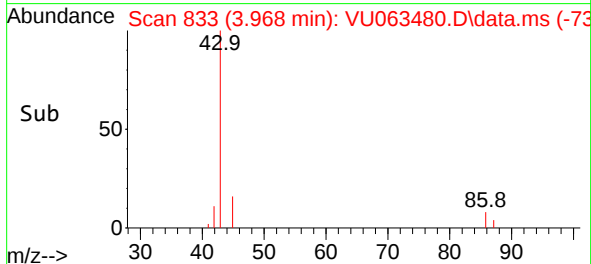
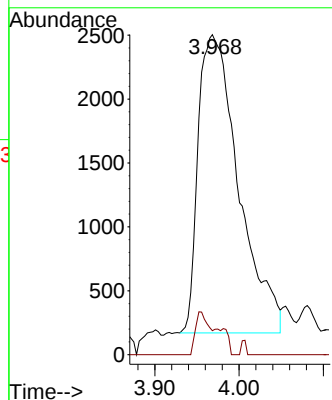
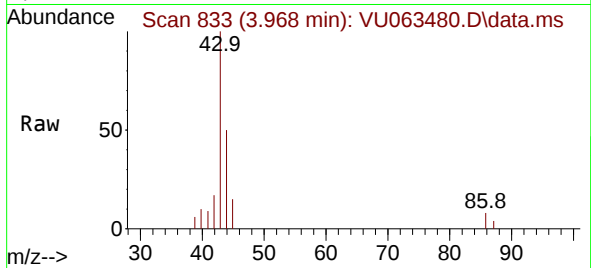




#23
 Vinyl Acetate
 Concen: 2.304 ug/l
 RT: 3.968 min Scan# 811
 Delta R.T. 0.022 min
 Lab File: VU063480.D
 Acq: 10 Jul 2025 14:59

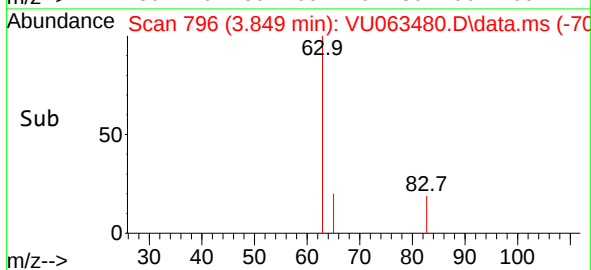
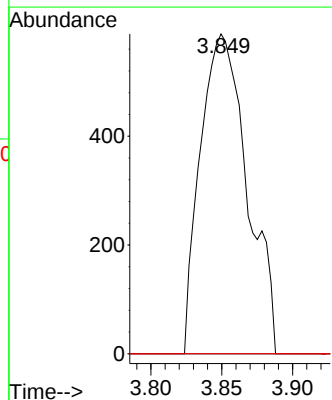
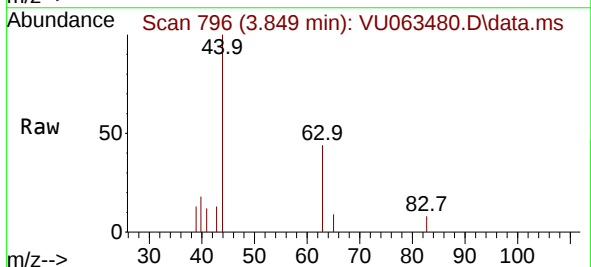
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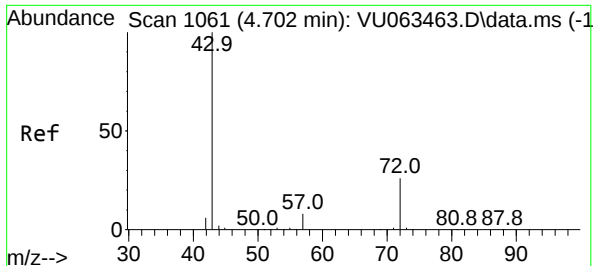
Tgt Ion: 43 Resp: 7763
 Ion Ratio Lower Upper
 43 100
 86 8.1 8.2 12.2#



#24
 1,1-Dichloroethane
 Concen: 0.549 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063480.D
 Acq: 10 Jul 2025 14:59

Tgt Ion: 63 Resp: 1353
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 0.132 ug/l

RT: 4.692 min Scan# 1058

Delta R.T. -0.010 min

Lab File: VU063480.D

Acq: 10 Jul 2025 14:59

Instrument :

MSVOA_U

ClientSampleId :

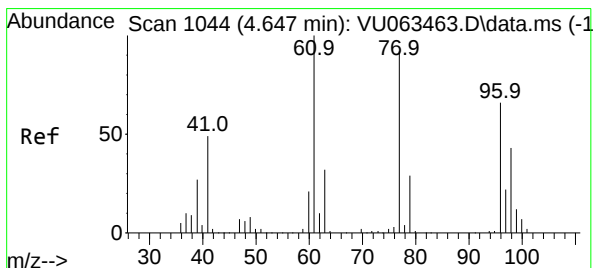
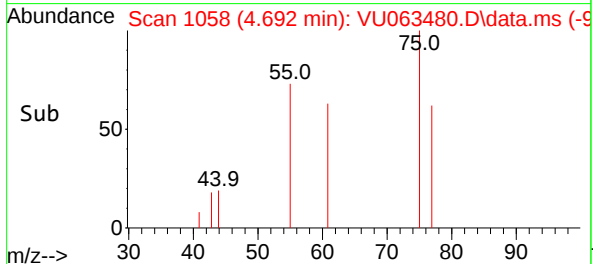
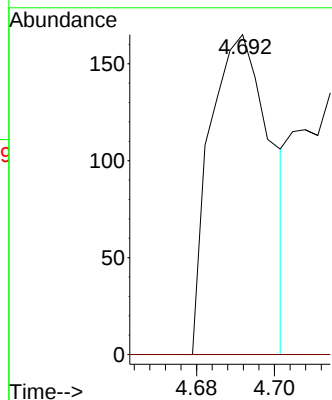
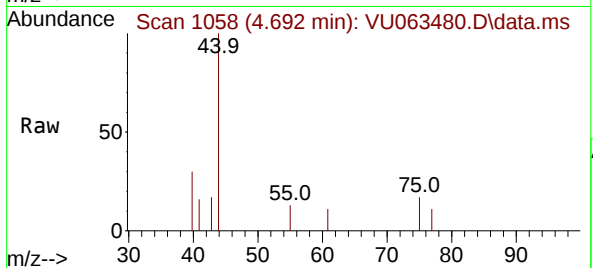
MDL03

Tgt Ion: 43 Resp: 178

Ion Ratio Lower Upper

43 100

72 0.0 20.7 31.1#



#26

2,2-Dichloropropane

Concen: 0.603 ug/l

RT: 4.640 min Scan# 1042

Delta R.T. -0.007 min

Lab File: VU063480.D

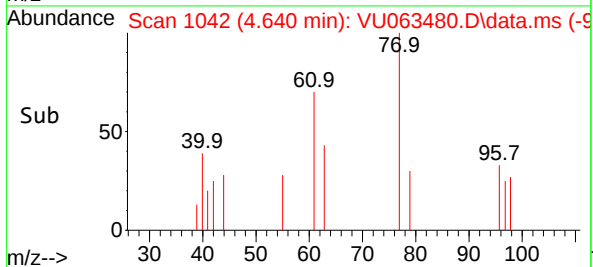
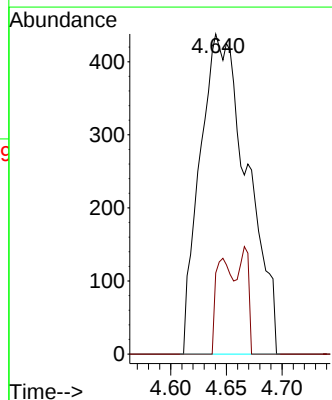
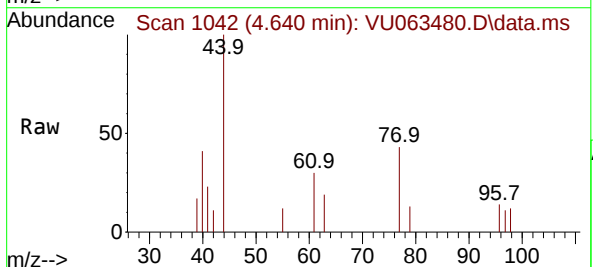
Acq: 10 Jul 2025 14:59

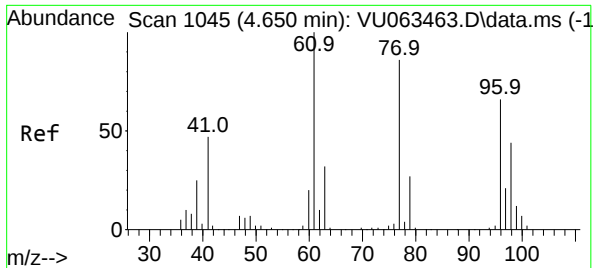
Tgt Ion: 77 Resp: 1293

Ion Ratio Lower Upper

77 100

97 10.4 11.8 35.3#

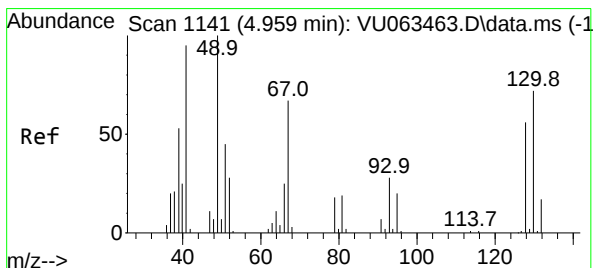
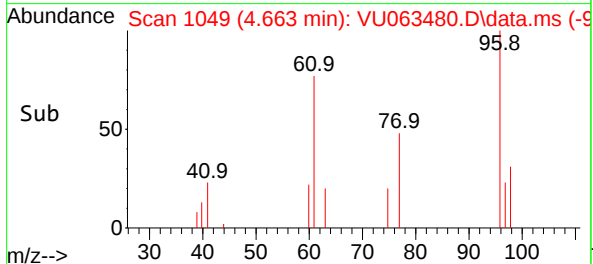
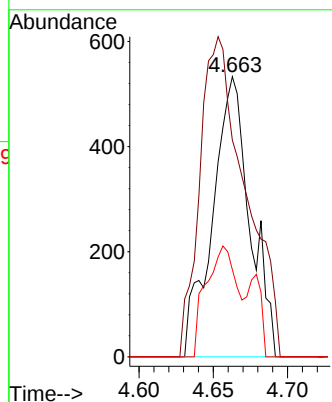
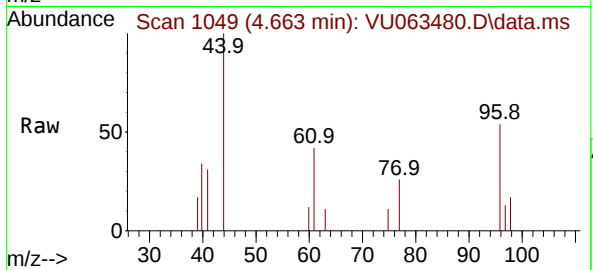




#27
 cis-1,2-Dichloroethene
 Concen: 0.616 ug/l
 RT: 4.663 min Scan# 1104
 Delta R.T. 0.013 min
 Lab File: VU063480.D
 Acq: 10 Jul 2025 14:59

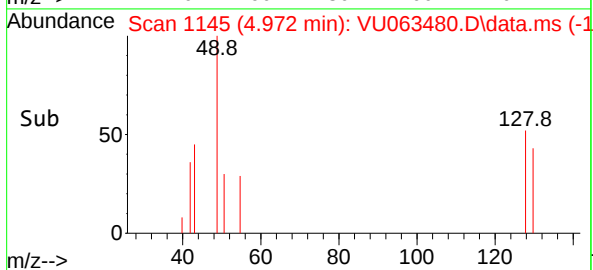
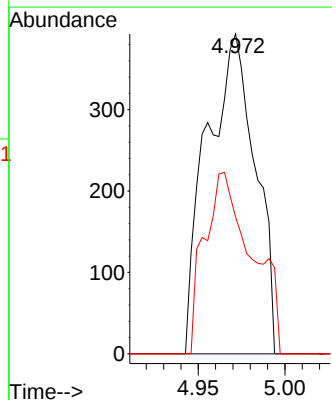
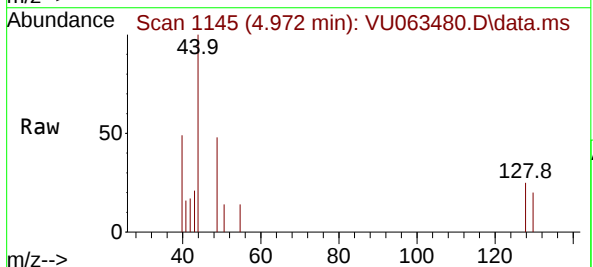
Instrument :
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 ClientSampleId :
 MDL03

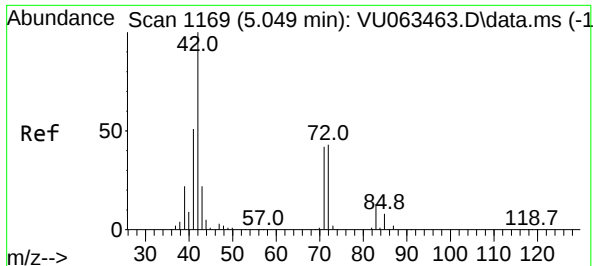
Tgt Ion: 96 Resp: 936
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 307.2
 98 32.3 0.0 133.0



#28
 Bromochloromethane
 Concen: 0.661 ug/l
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.013 min
 Lab File: VU063480.D
 Acq: 10 Jul 2025 14:59

Tgt Ion: 49 Resp: 765
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 55.9 59.0 88.4#

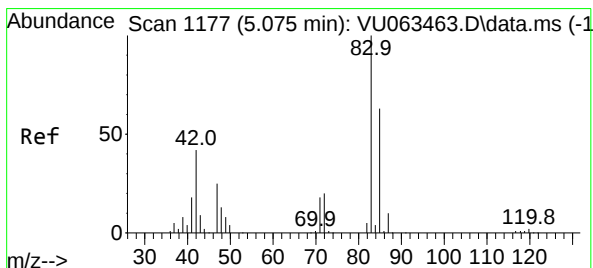
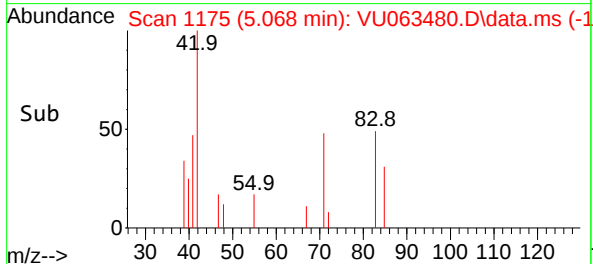
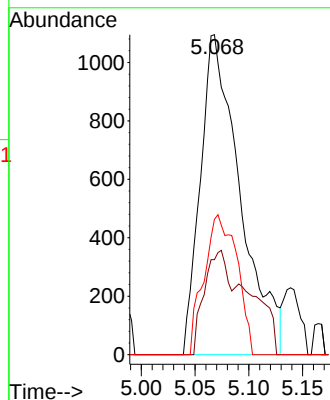
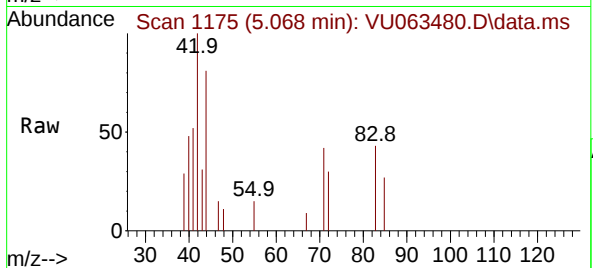




#29
Tetrahydrofuran
Concen: 3.309 ug/l
RT: 5.068 min Scan# 1175
Delta R.T. 0.019 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

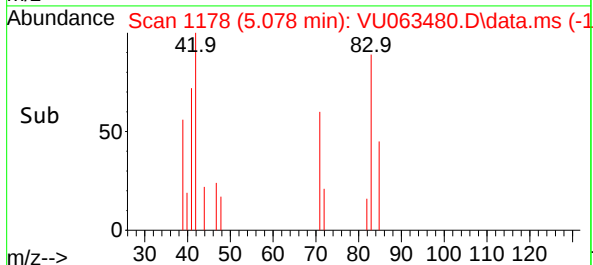
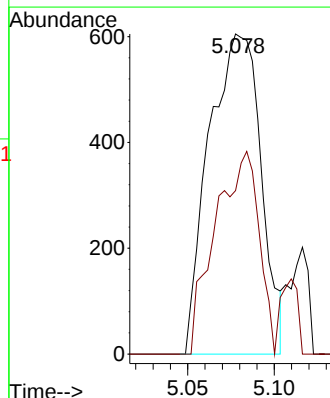
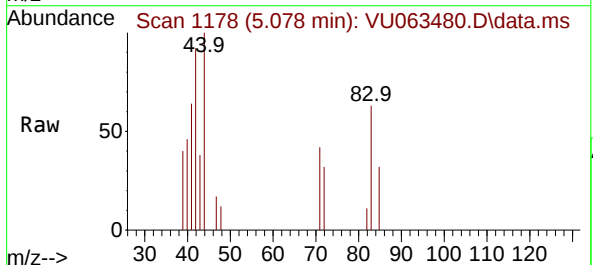
Instrument :
MSVOA_U
ClientSampleId :
MDL03

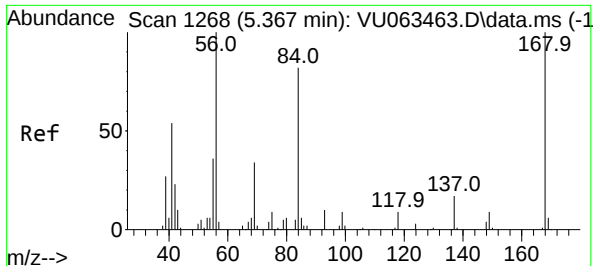
Tgt Ion: 42 Resp: 2816
Ion Ratio Lower Upper
42 100
72 20.1 36.2 54.4#
71 36.4 33.3 49.9



#30
Chloroform
Concen: 0.486 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 83 Resp: 1264
Ion Ratio Lower Upper
83 100
85 51.1 50.7 76.1

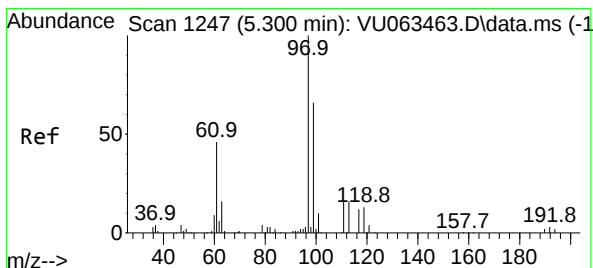
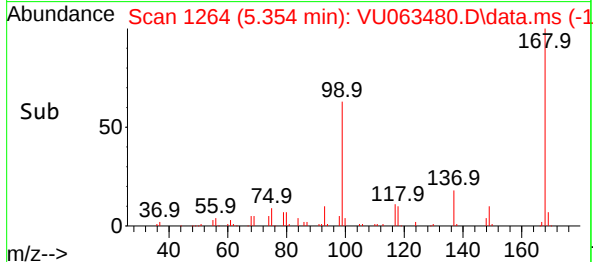
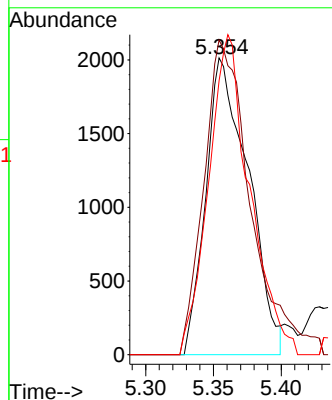
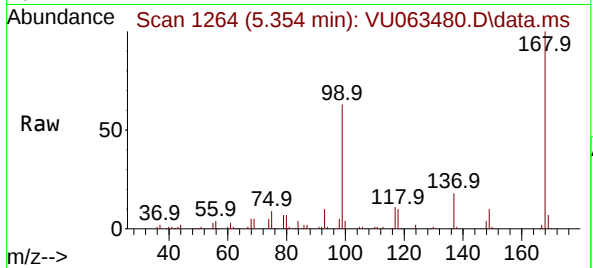




#31
Cyclohexane
Concen: 2.217 ug/l
RT: 5.354 min Scan# 1264
Delta R.T. -0.013 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

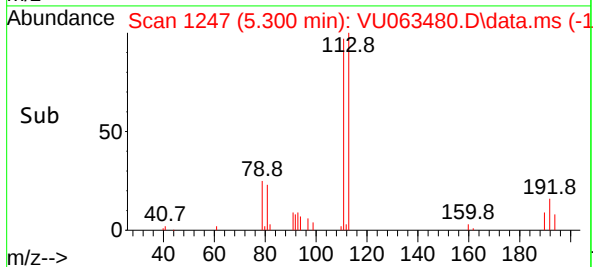
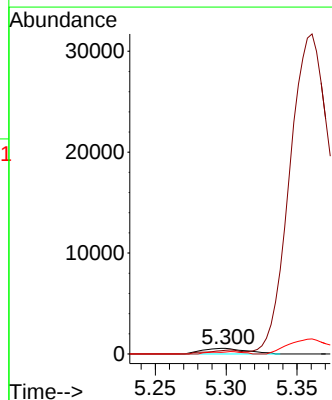
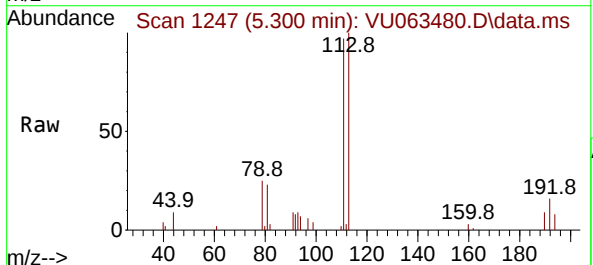
Instrument :
MSVOA_U
ClientSampleId :
MDL03

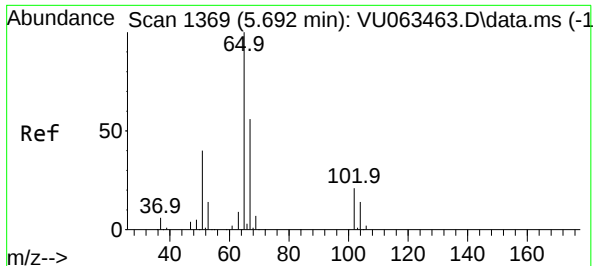
Tgt Ion: 56 Resp: 4392
Ion Ratio Lower Upper
56 100
69 106.0 27.0 40.4#
84 92.3 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 0.547 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 97 Resp: 1212
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 28.5 36.3 54.5#

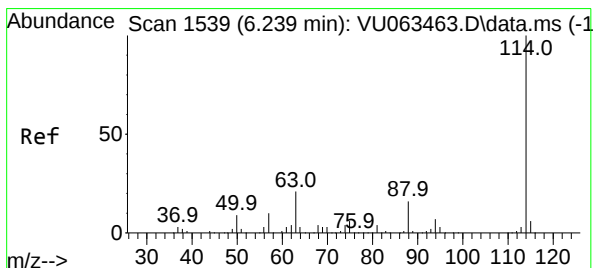
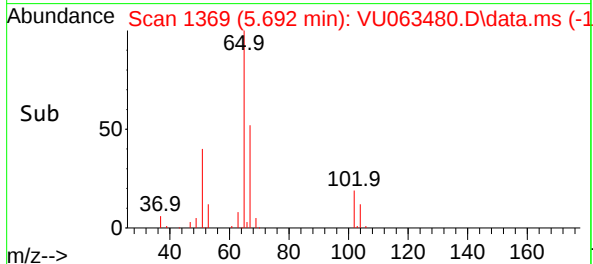
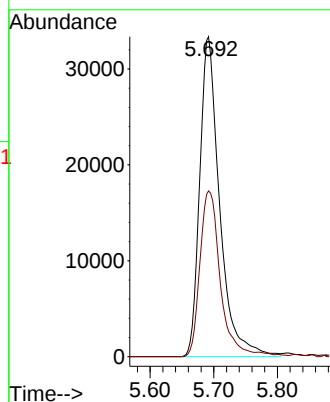
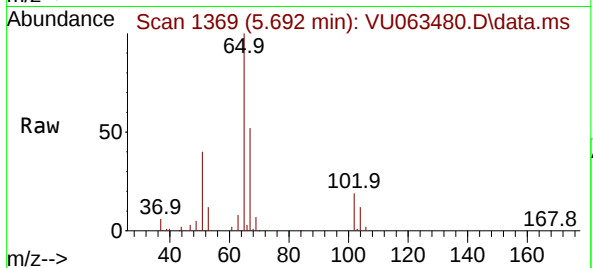




#33
1,2-Dichloroethane-d4
Concen: 50.687 ug/l
RT: 5.692 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

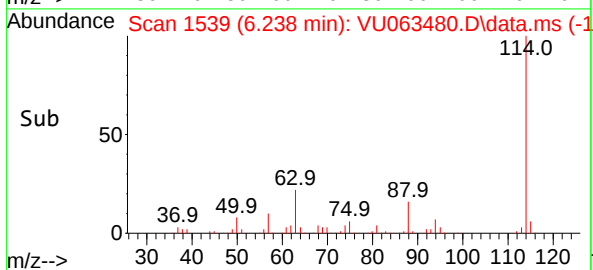
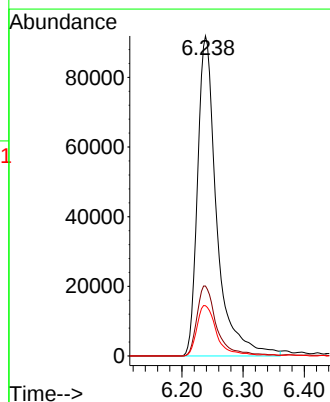
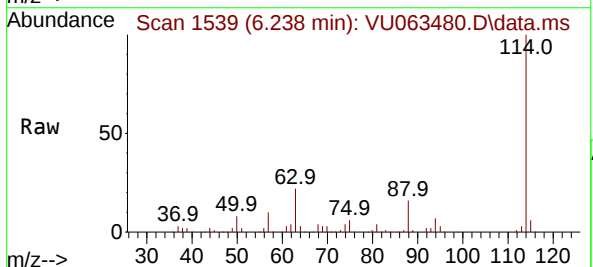
Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 65 Resp: 72616
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.238 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 114 Resp: 200064
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.6
88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 47.267 ug/l

RT: 5.277 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063480.D

Acq: 10 Jul 2025 14:59

Instrument :

MSVOA_U

ClientSampleId :

MDL03

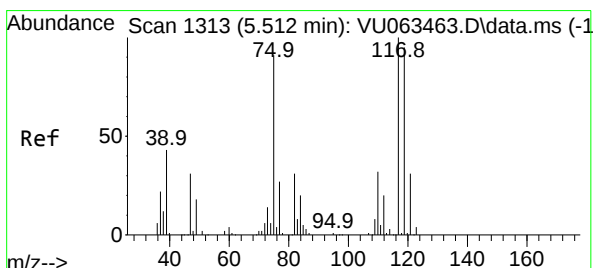
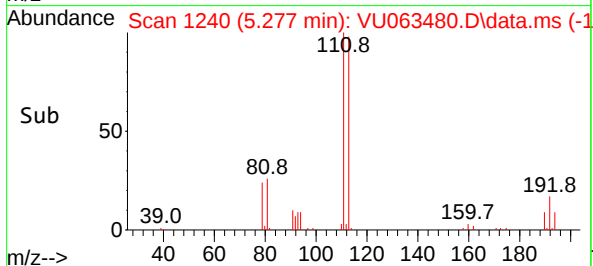
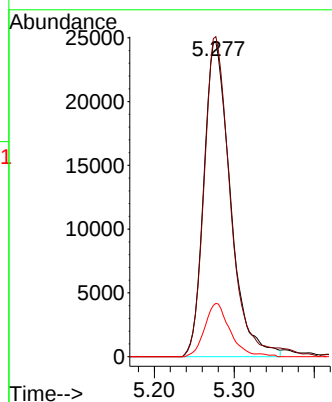
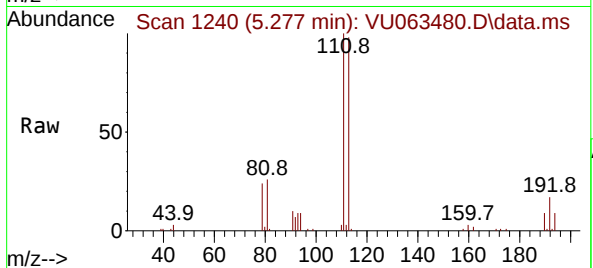
Tgt Ion:113 Resp: 57002

Ion Ratio Lower Upper

113 100

111 101.1 82.1 123.1

192 16.2 14.3 21.5



#36

1,1-Dichloropropene

Concen: 0.500 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VU063480.D

Acq: 10 Jul 2025 14:59

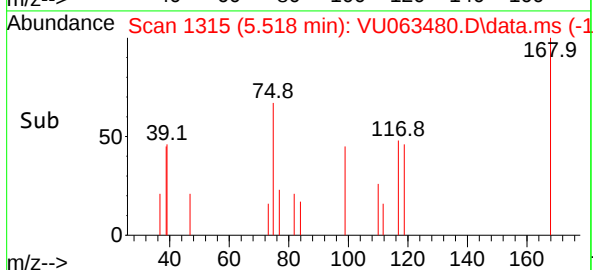
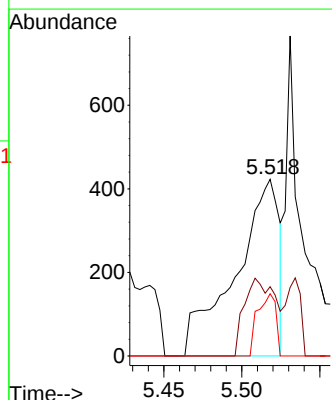
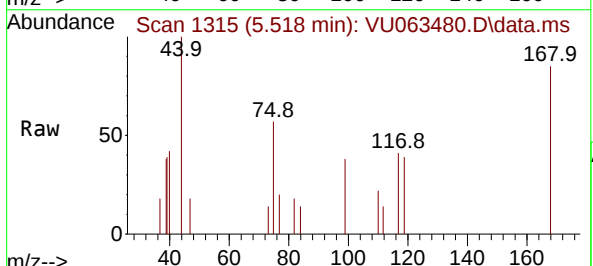
Tgt Ion: 75 Resp: 819

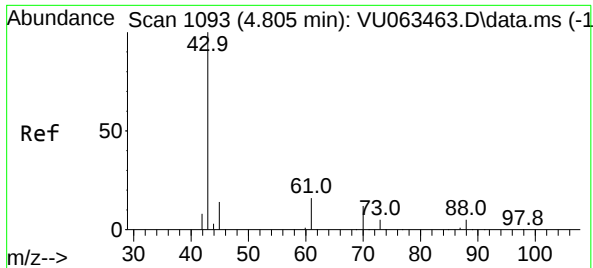
Ion Ratio Lower Upper

75 100

110 30.9 17.3 52.0

77 14.8 23.9 35.9#





#37

Ethyl Acetate

Concen: 0.054 ug/l

RT: 4.836 min Scan# 1103

Delta R.T. 0.032 min

Lab File: VU063480.D

Acq: 10 Jul 2025 14:59

Instrument :

MSVOA_U

ClientSampleId :

MDL03

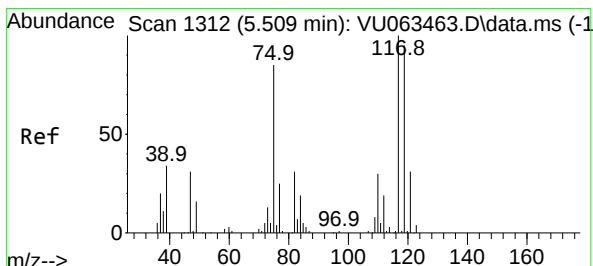
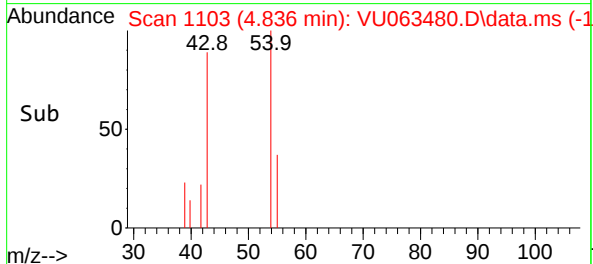
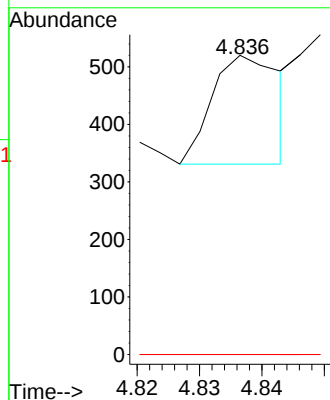
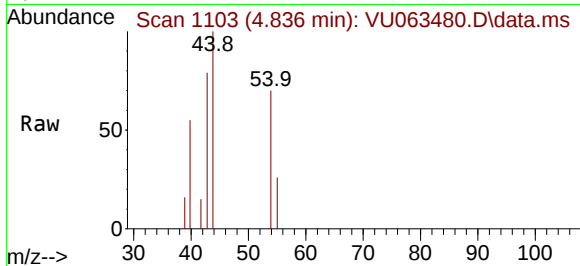
Tgt Ion: 43 Resp: 142

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 0.331 ug/l

RT: 5.508 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VU063480.D

Acq: 10 Jul 2025 14:59

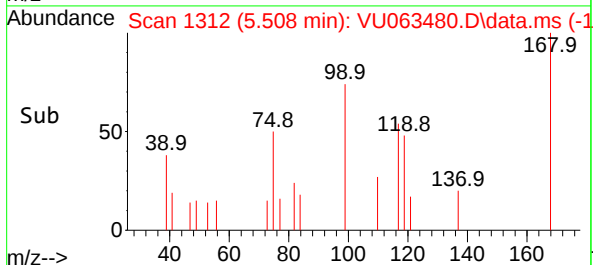
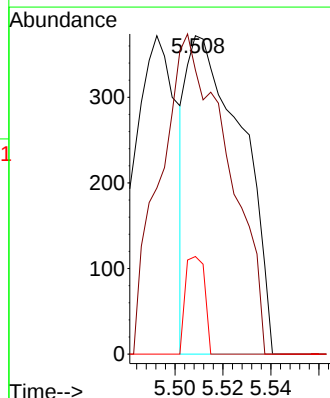
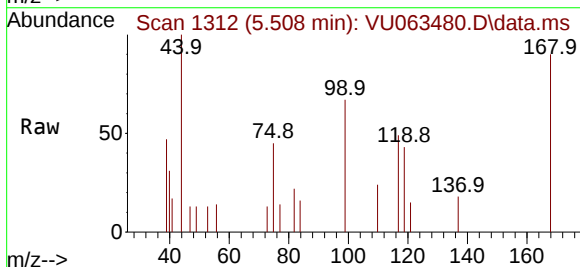
Tgt Ion: 117 Resp: 597

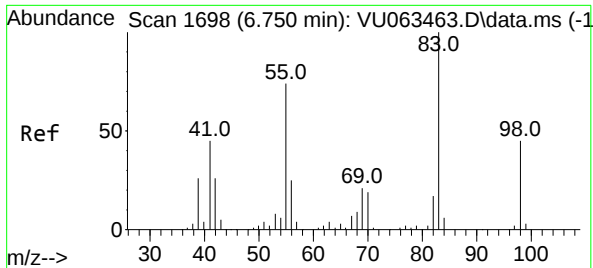
Ion Ratio Lower Upper

117 100

119 89.2 76.1 114.1

121 30.6 25.0 37.4

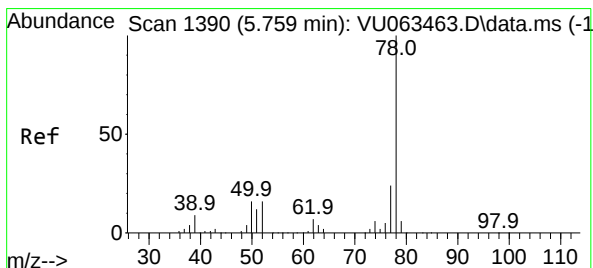
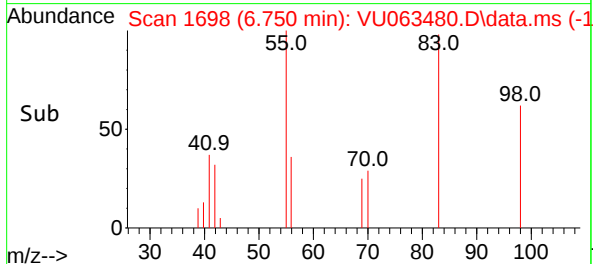
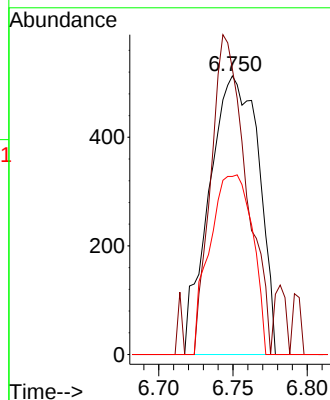
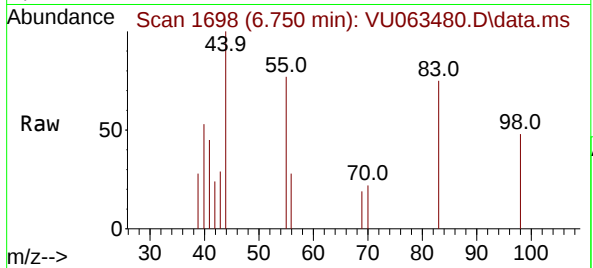




#39
Methylcyclohexane
Concen: 0.600 ug/l
RT: 6.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

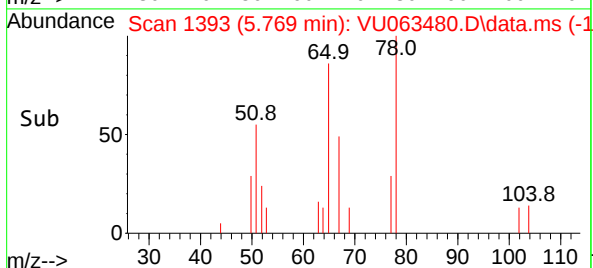
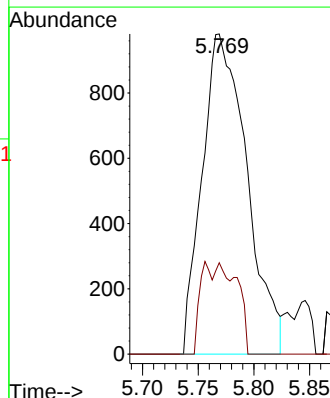
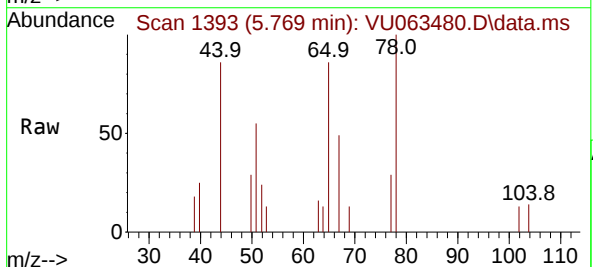
Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 83 Resp: 1187
Ion Ratio Lower Upper
83 100
55 80.1 59.4 89.2
98 63.9 36.2 54.4#



#40
Benzene
Concen: 0.536 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. 0.009 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 78 Resp: 2741
Ion Ratio Lower Upper
78 100
77 28.5 19.0 28.4#

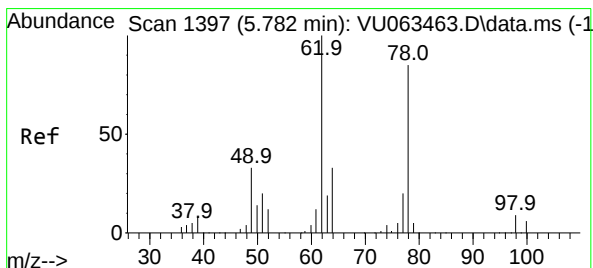
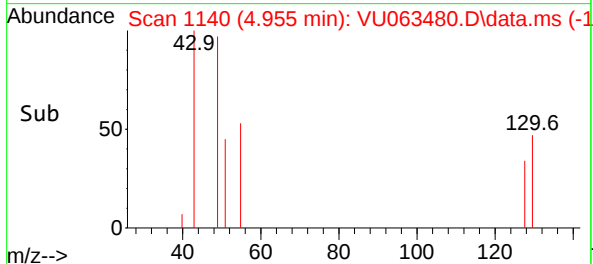
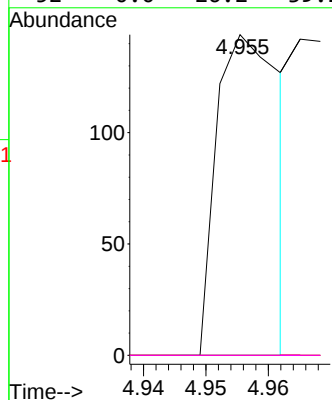
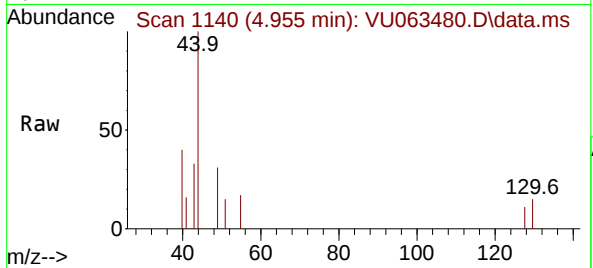




#41
Methacrylonitrile
Concen: 0.081 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.010 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

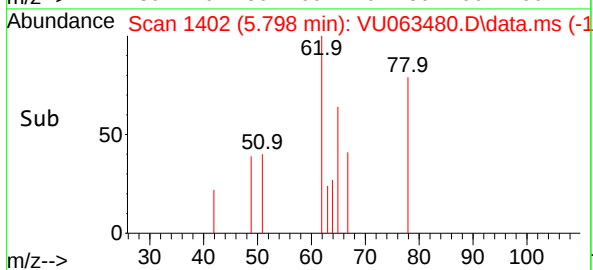
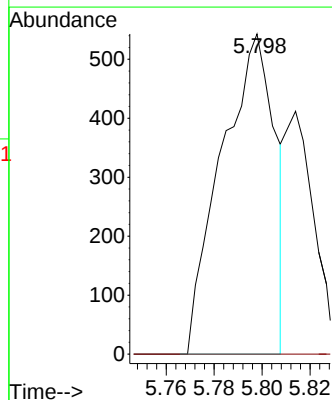
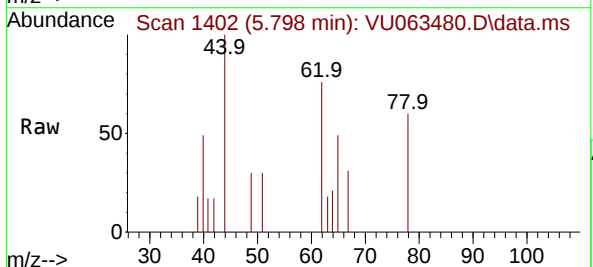
Instrument :
MSVOA_U
ClientSampleId :
MDL03

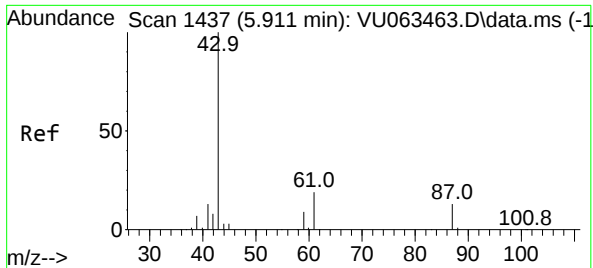
Tgt Ion: 41 Resp: 102
Ion Ratio Lower Upper
41 100
39 0.0 43.6 65.4#
67 0.0 62.8 94.2#
52 0.0 26.2 39.2#



#42
1,2-Dichloroethane
Concen: 0.435 ug/l
RT: 5.798 min Scan# 1402
Delta R.T. 0.016 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 62 Resp: 837
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.6

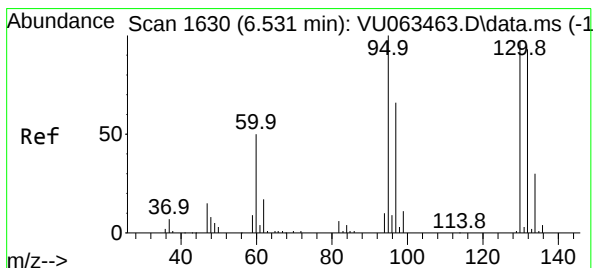
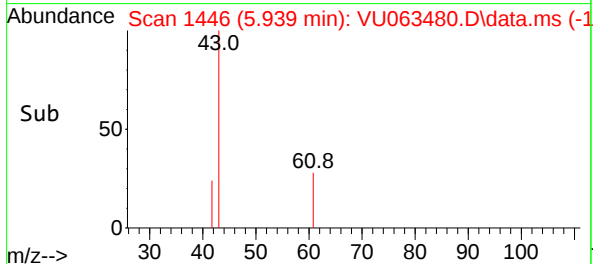
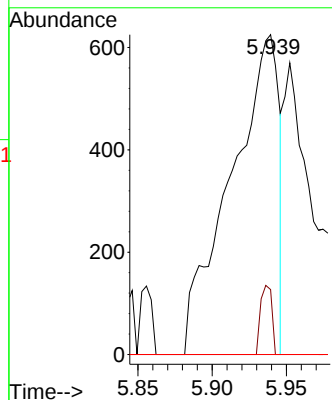
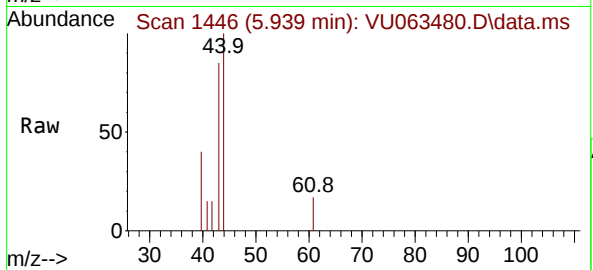




#43
Isopropyl Acetate
Concen: 0.399 ug/l
RT: 5.939 min Scan# 1437
Delta R.T. 0.029 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

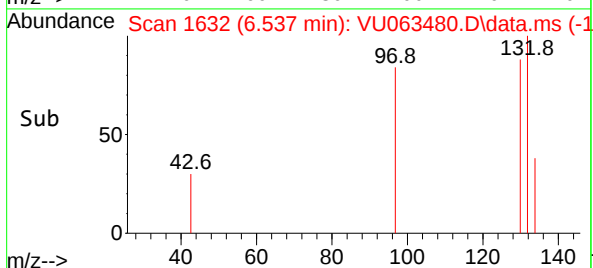
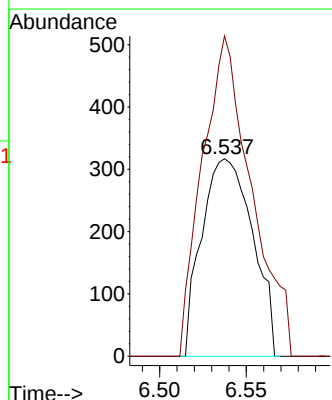
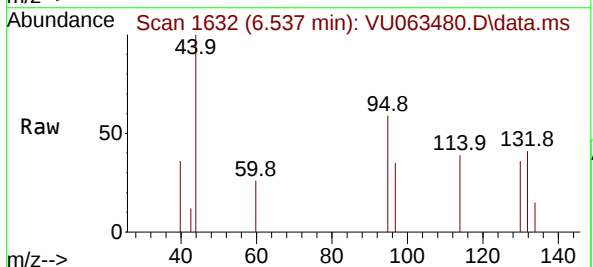
Instrument :
MSVOA_U
ClientSampleId :
MDL03

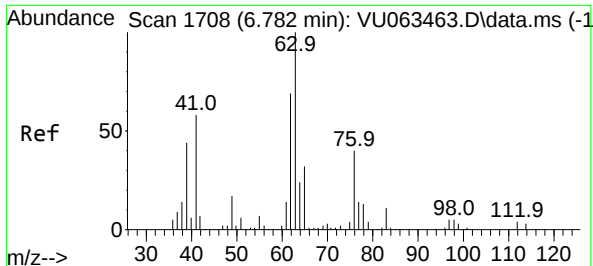
Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
61 5.1 15.4 23.2#
87 0.0 10.5 15.7#



#44
Trichloroethene
Concen: 0.474 ug/l
RT: 6.537 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 130 Resp: 649
Ion Ratio Lower Upper
130 100
95 162.1 0.0 206.4





#45

1,2-Dichloropropane

Concen: 0.542 ug/l

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063480.D

Acq: 10 Jul 2025 14:59

Instrument :

MSVOA_U

ClientSampleId :

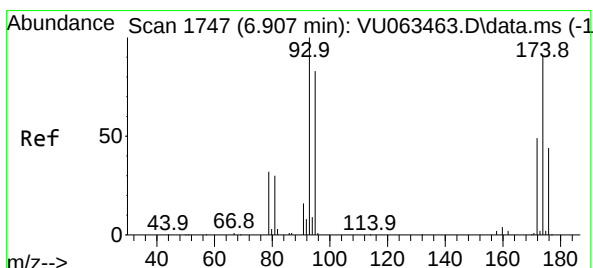
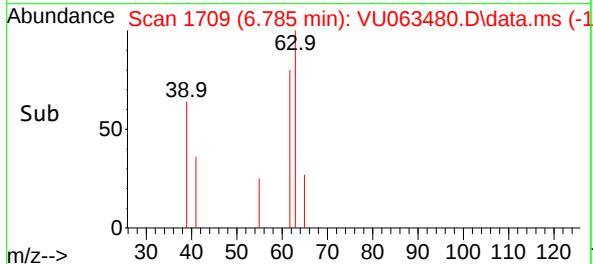
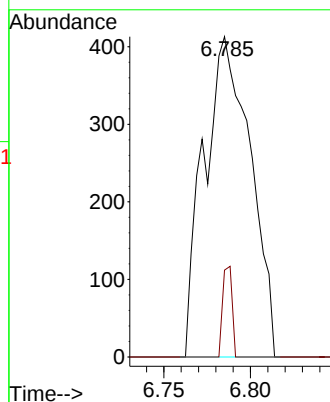
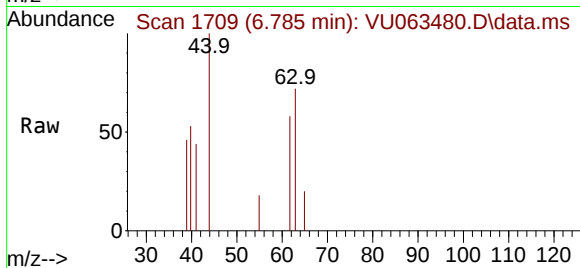
MDL03

Tgt Ion: 63 Resp: 771

Ion Ratio Lower Upper

63 100

65 27.1 25.3 37.9



#46

Dibromomethane

Concen: 0.459 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VU063480.D

Acq: 10 Jul 2025 14:59

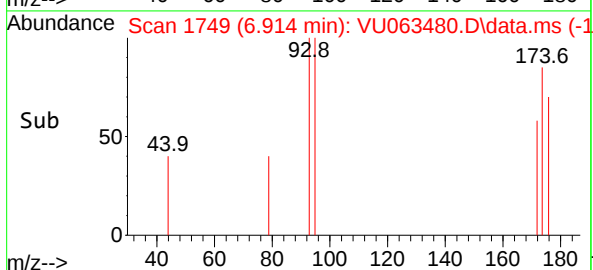
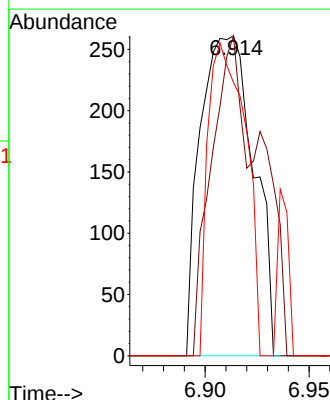
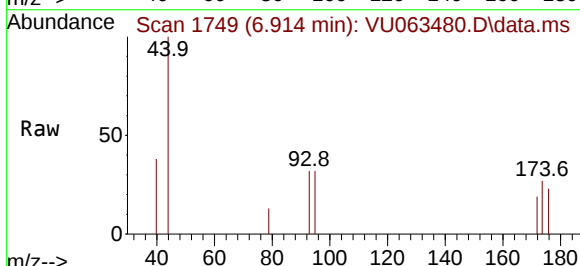
Tgt Ion: 93 Resp: 465

Ion Ratio Lower Upper

93 100

95 67.3 67.5 101.3#

174 68.8 73.1 109.7#





#47

Bromodichloromethane

Concen: 0.507 ug/l

RT: 7.097 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063480.D

Acq: 10 Jul 2025 14:59

Instrument :

MSVOA_U

ClientSampleId :

MDL03

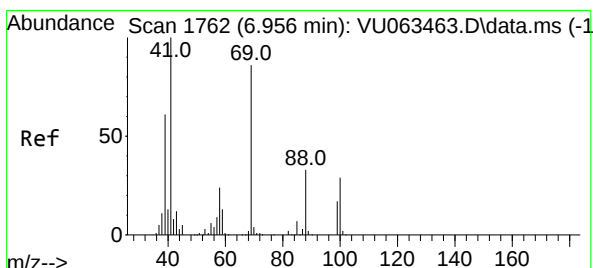
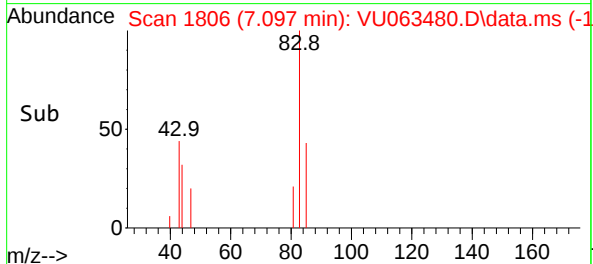
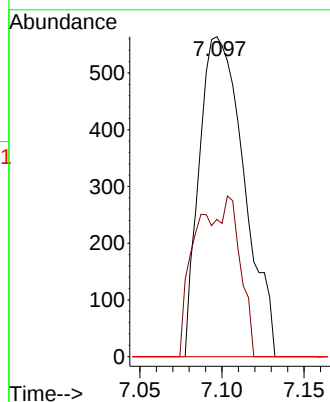
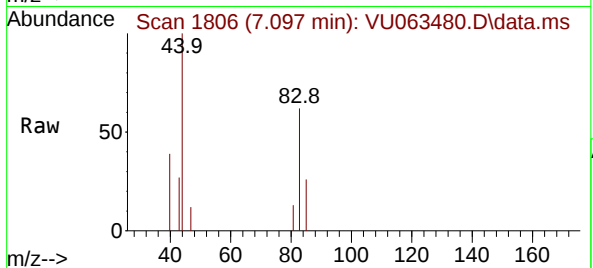
Tgt Ion: 83 Resp: 1067

Ion Ratio Lower Upper

83 100

85 42.9 51.4 77.0#

127 0.0 7.0 10.4#



#48

Methyl methacrylate

Concen: 0.049 ug/l

RT: 6.936 min Scan# 1756

Delta R.T. -0.019 min

Lab File: VU063480.D

Acq: 10 Jul 2025 14:59

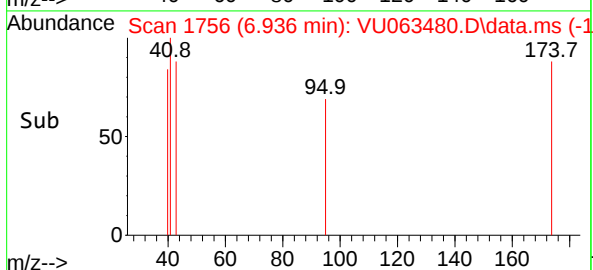
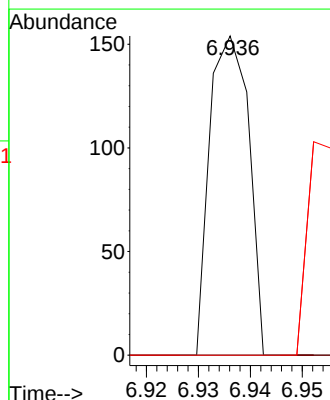
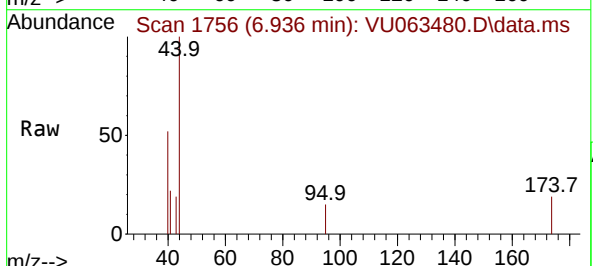
Tgt Ion: 41 Resp: 80

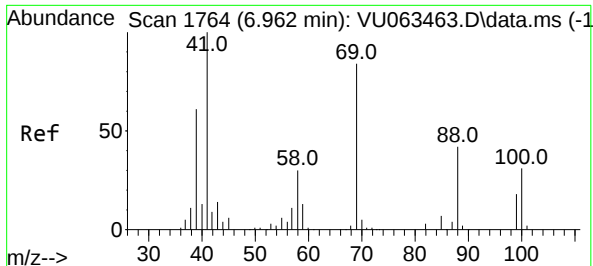
Ion Ratio Lower Upper

41 100

69 0.0 69.8 104.8#

39 0.0 48.3 72.5#

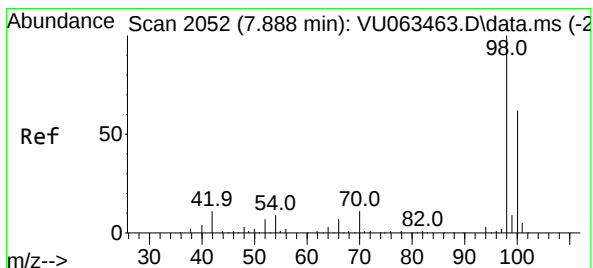
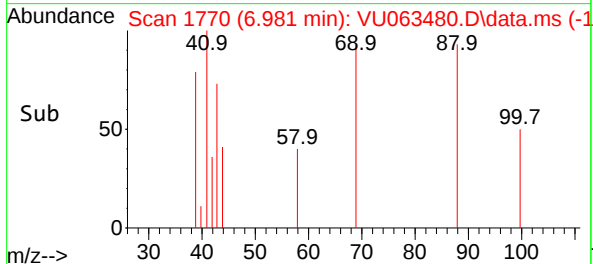
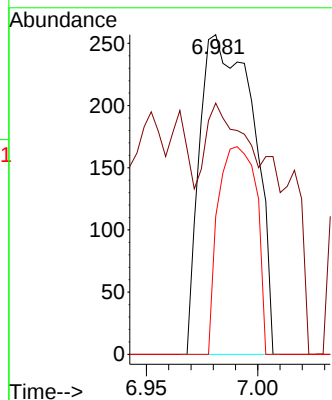
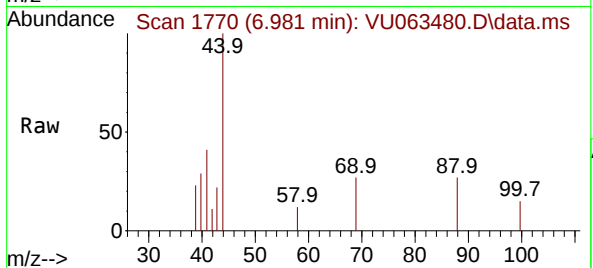




#49
1,4-Dioxane
Concen: 12.000 ug/l
RT: 6.981 min Scan# 1770
Delta R.T. 0.019 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

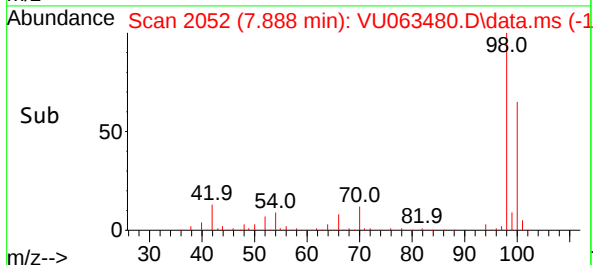
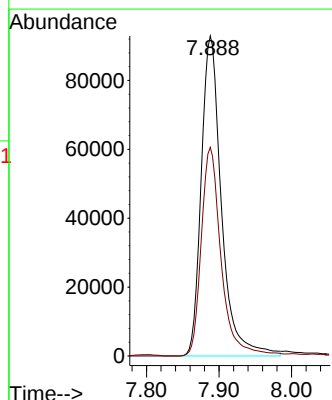
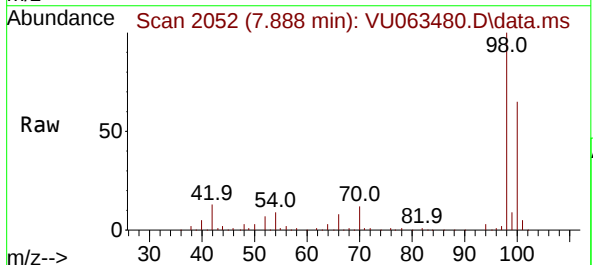
Instrument :
MSVOA_U
ClientSampleId :
MDL03

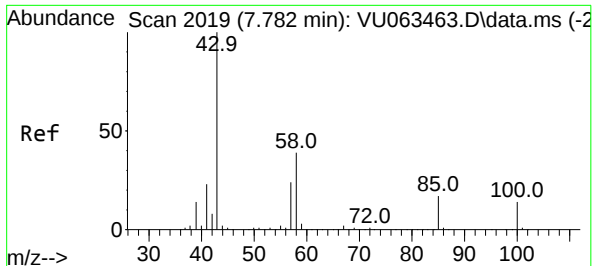
Tgt Ion: 88 Resp: 429
Ion Ratio Lower Upper
88 100
43 109.8 25.6 38.4#
58 46.2 55.0 82.6#



#50
Toluene-d8
Concen: 45.794 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 98 Resp: 180017
Ion Ratio Lower Upper
98 100
100 64.0 48.1 72.1

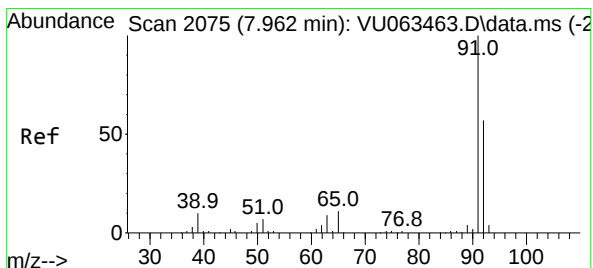
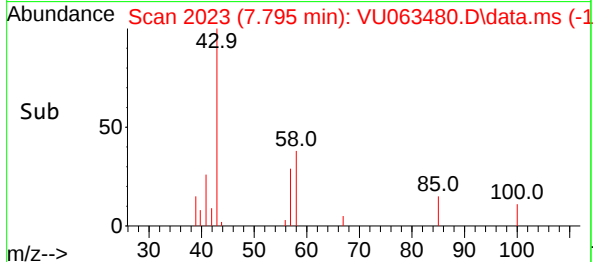
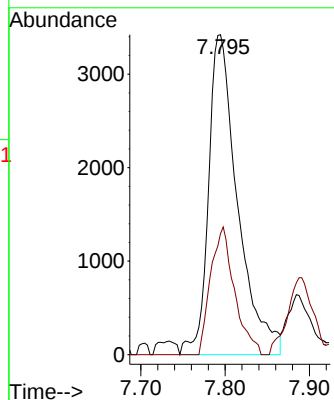
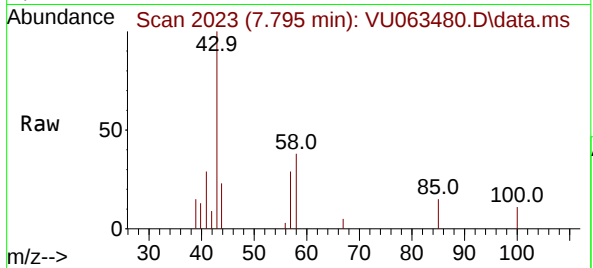




#51
4-Methyl-2-Pentanone
Concen: 3.220 ug/l
RT: 7.795 min Scan# 2023
Delta R.T. 0.013 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

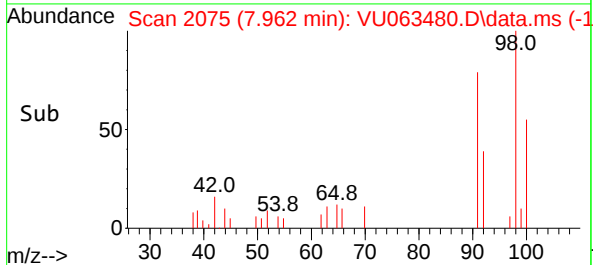
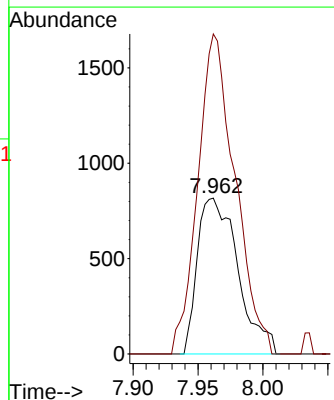
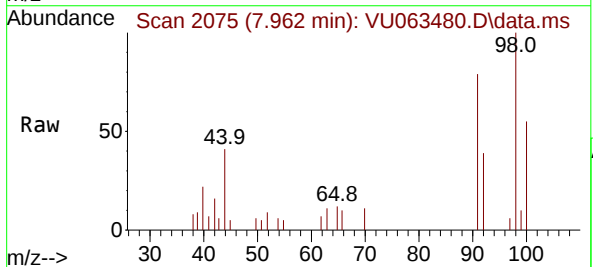
Instrument :
MSVOA_U
ClientSampleId :
MDL03

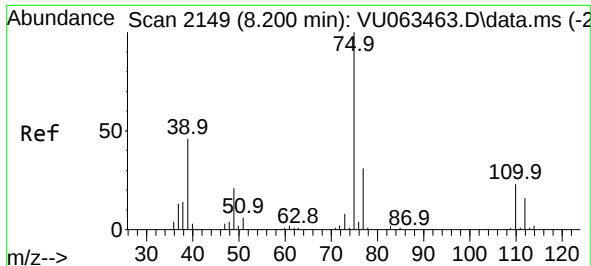
Tgt Ion: 43 Resp: 8214
Ion Ratio Lower Upper
43 100
58 32.8 31.0 46.4



#52
Toluene
Concen: 0.529 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 92 Resp: 1772
Ion Ratio Lower Upper
92 100
91 188.9 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 0.424 ug/l

RT: 8.213 min Scan# 2149

Delta R.T. 0.013 min

Lab File: VU063480.D

Acq: 10 Jul 2025 14:59

Instrument :

MSVOA_U

ClientSampleId :

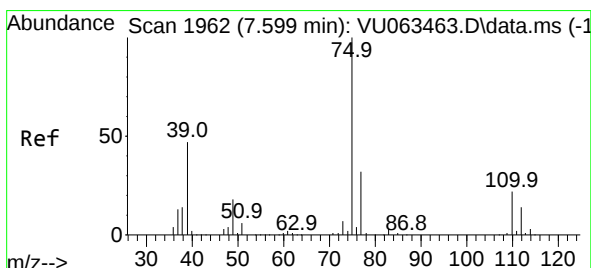
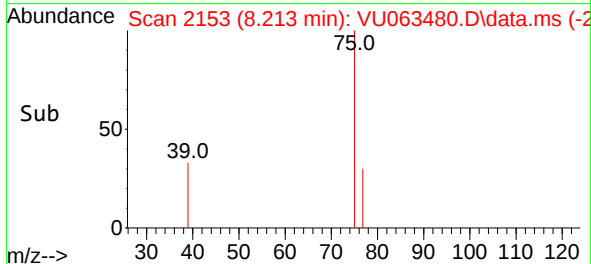
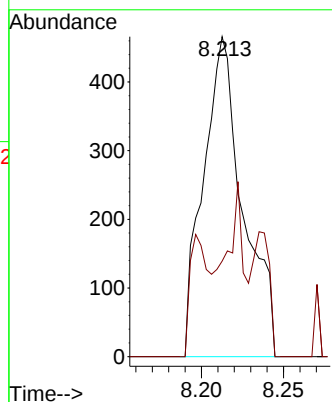
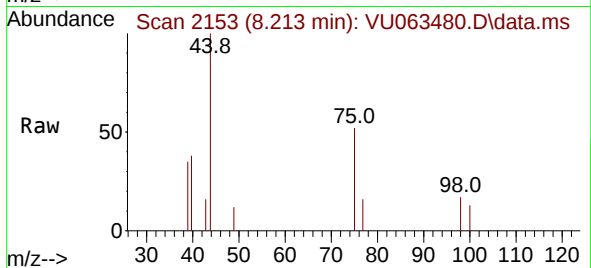
MDL03

Tgt Ion: 75 Resp: 781

Ion Ratio Lower Upper

75 100

77 29.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 0.412 ug/l

RT: 7.608 min Scan# 1965

Delta R.T. 0.009 min

Lab File: VU063480.D

Acq: 10 Jul 2025 14:59

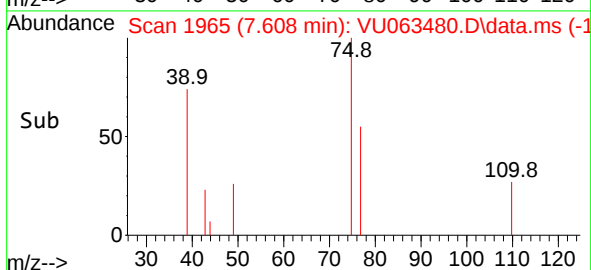
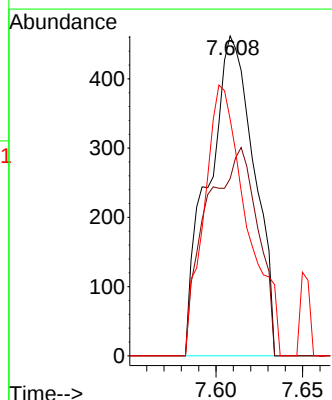
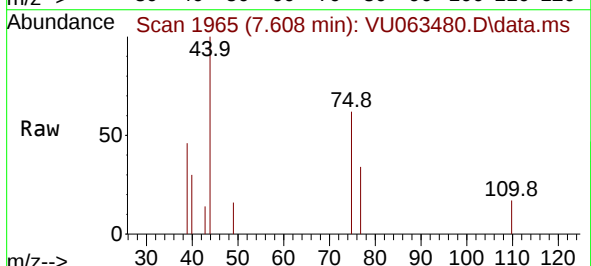
Tgt Ion: 75 Resp: 850

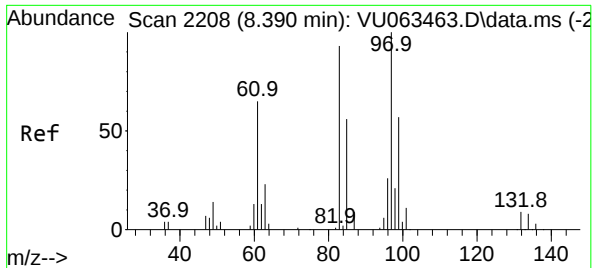
Ion Ratio Lower Upper

75 100

77 55.4 25.4 38.0#

39 74.0 37.2 55.8#



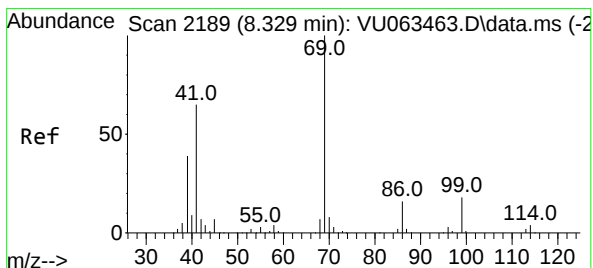
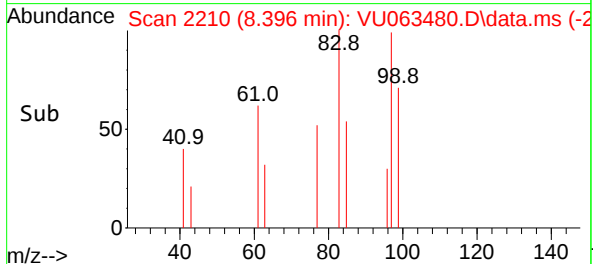
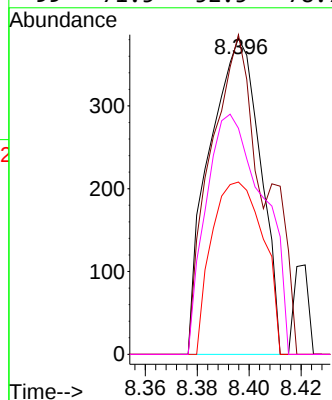
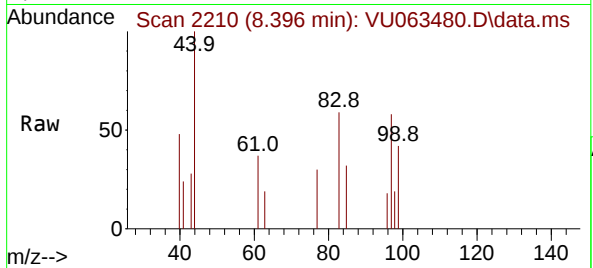


#55
 1,1,2-Trichloroethane
 Concen: 0.366 ug/l
 RT: 8.396 min Scan# 2110
 Delta R.T. 0.006 min
 Lab File: VU063480.D
 Acq: 10 Jul 2025 14:59

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Tgt Ion: 97 Resp: 520

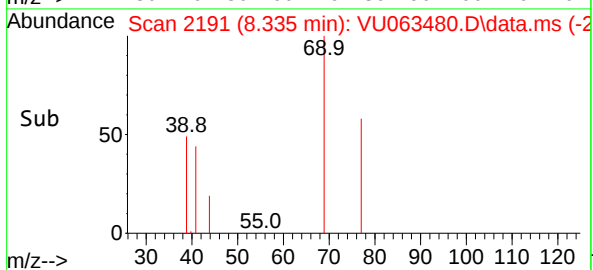
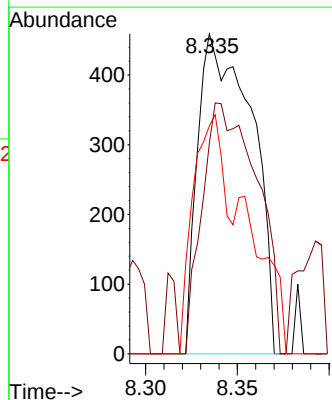
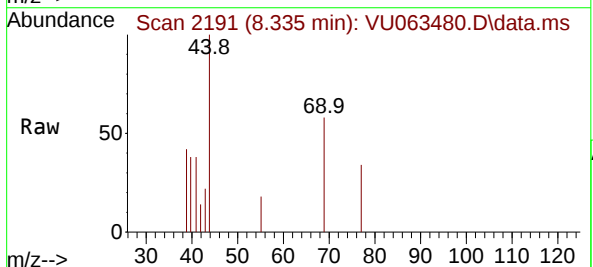
Ion	Ratio	Lower	Upper
97	100		
83	101.0	74.2	111.4
85	54.5	45.8	68.8
99	71.5	52.5	78.7

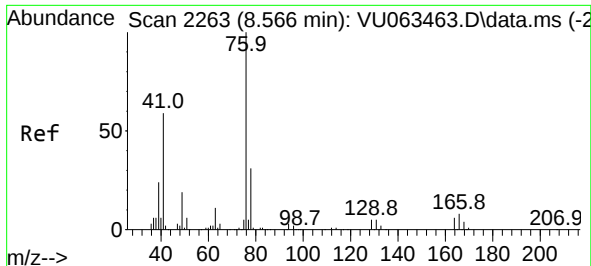


#56
 Ethyl methacrylate
 Concen: 0.408 ug/l
 RT: 8.335 min Scan# 2191
 Delta R.T. 0.006 min
 Lab File: VU063480.D
 Acq: 10 Jul 2025 14:59

Tgt Ion: 69 Resp: 936

Ion	Ratio	Lower	Upper
69	100		
41	80.3	53.0	79.6#
39	47.0	31.0	46.4#

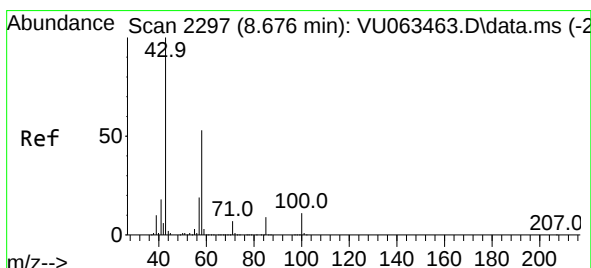
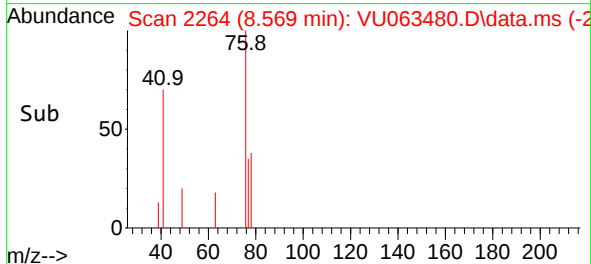
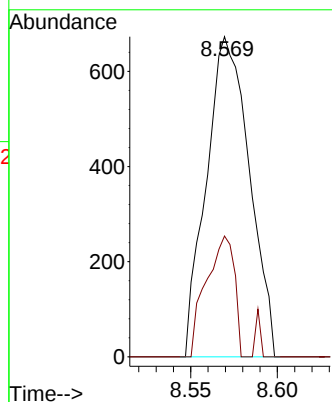
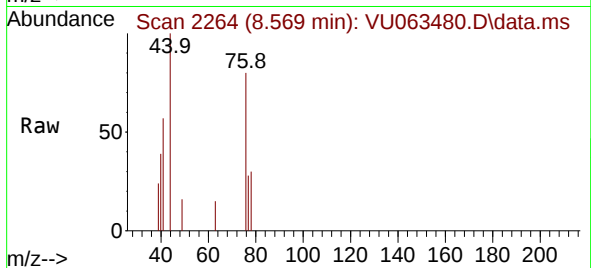




#57
1,3-Dichloropropane
Concen: 0.496 ug/l
RT: 8.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

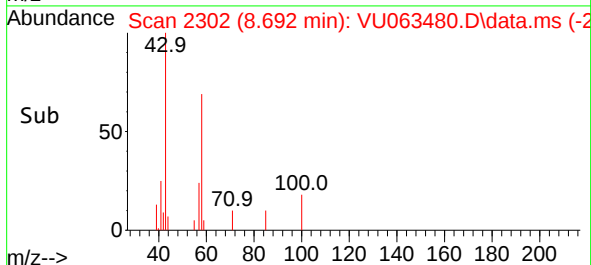
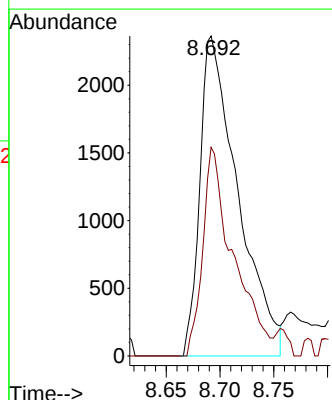
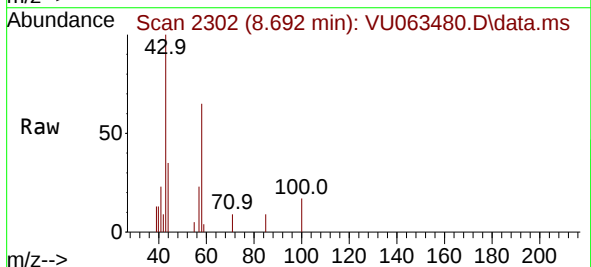
Instrument :
MSVOA_U
ClientSampleId :
MDL03

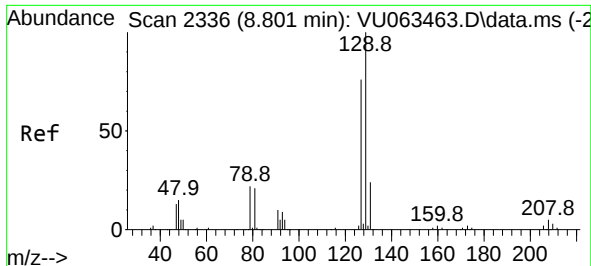
Tgt Ion: 76 Resp: 1162
Ion Ratio Lower Upper
76 100
78 24.8 25.6 38.4#



#59
2-Hexanone
Concen: 3.003 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.016 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 43 Resp: 5795
Ion Ratio Lower Upper
43 100
58 52.9 26.9 80.7

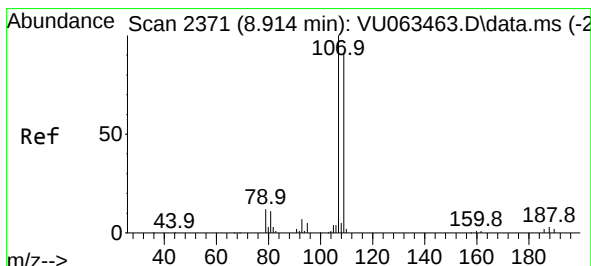
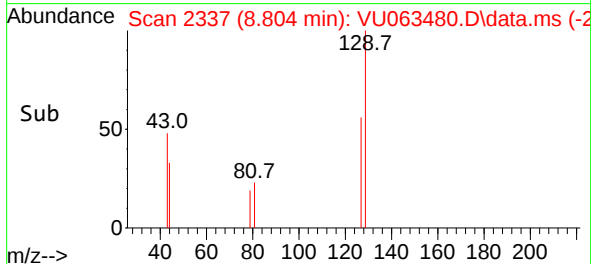
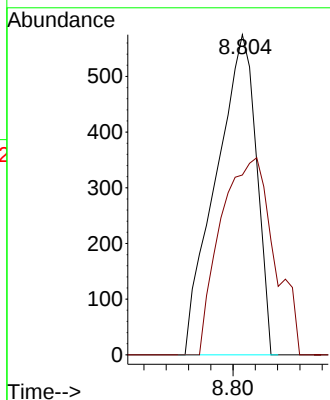
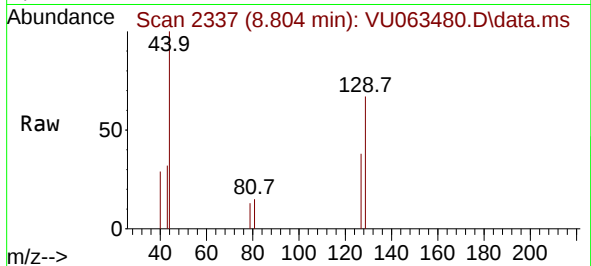




#60
Dibromochloromethane
Concen: 0.455 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

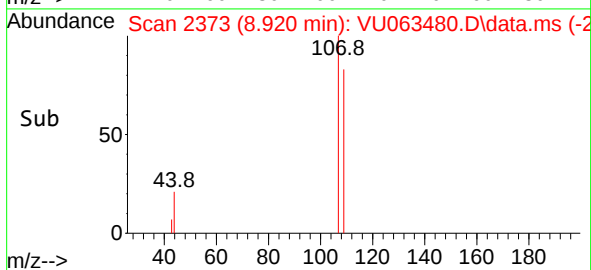
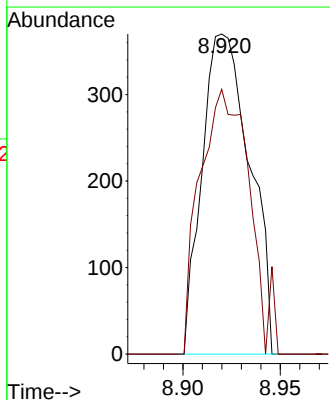
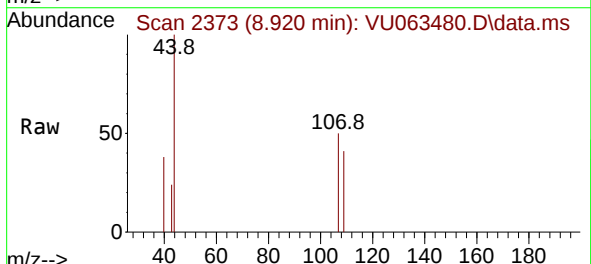
Instrument :
MSVOA_U
ClientSampleId :
MDL03

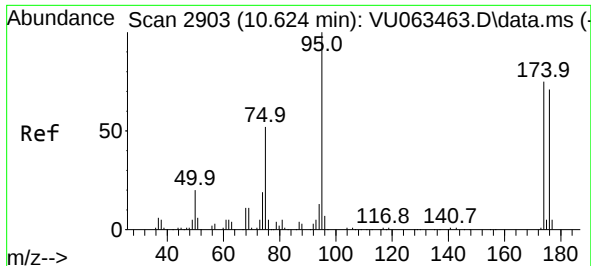
Tgt Ion:129 Resp: 725
Ion Ratio Lower Upper
129 100
127 81.1 39.1 117.2



#61
1,2-Dibromoethane
Concen: 0.453 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.006 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion:107 Resp: 632
Ion Ratio Lower Upper
107 100
109 86.1 73.7 110.5

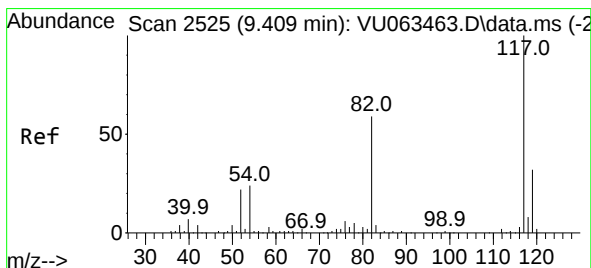
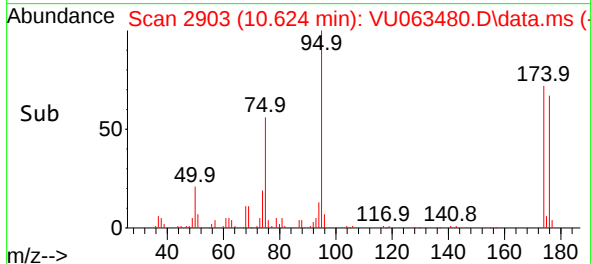
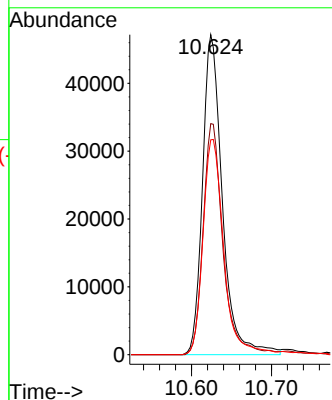
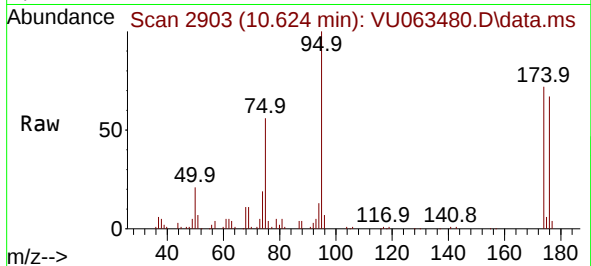




#62
4-Bromofluorobenzene
Concen: 47.491 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

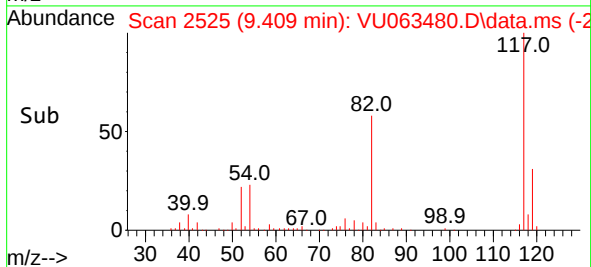
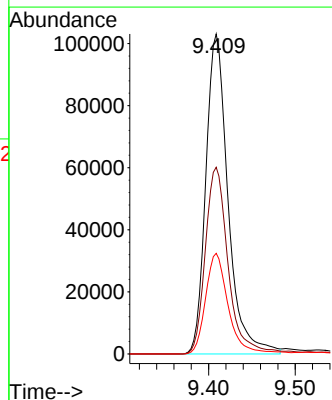
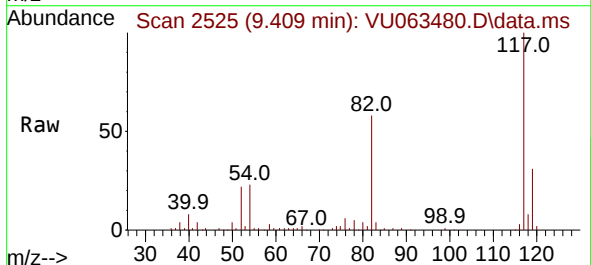
Instrument :
MSVOA_U
ClientSampleId :
MDL03

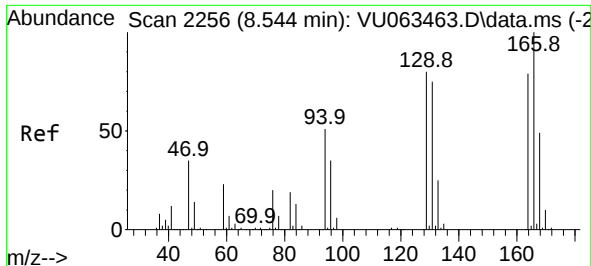
Tgt Ion: 95 Resp: 81659
Ion Ratio Lower Upper
95 100
174 71.5 0.0 153.6
176 70.1 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 2525
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 117 Resp: 183925
Ion Ratio Lower Upper
117 100
82 58.3 47.1 70.7
119 31.5 25.4 38.0

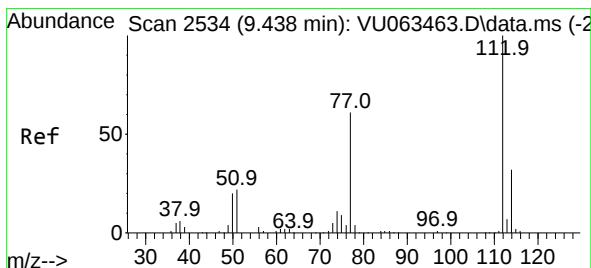
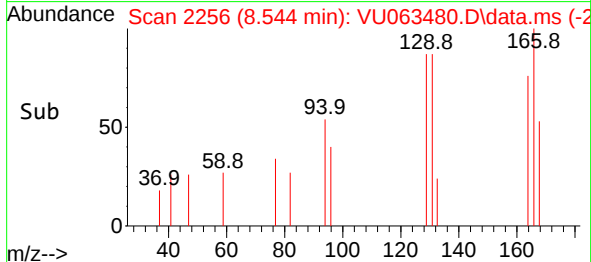
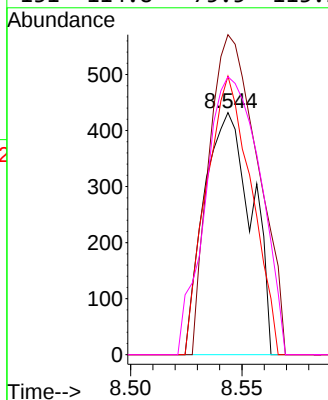
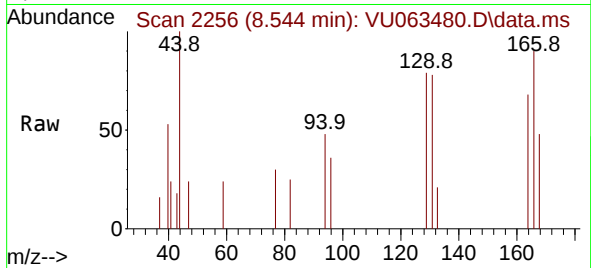




#64
Tetrachloroethene
Concen: 0.467 ug/l
RT: 8.544 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

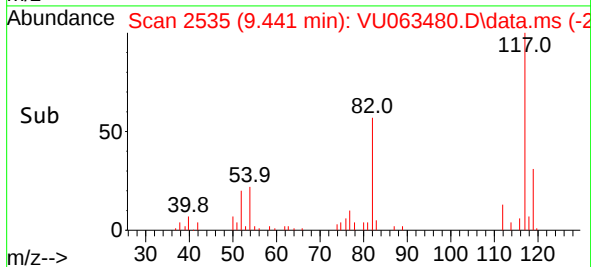
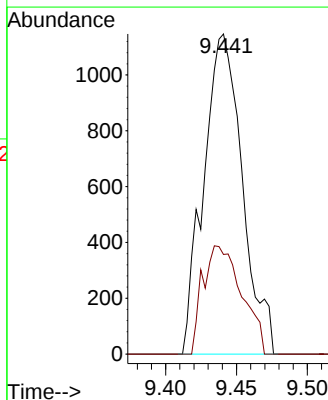
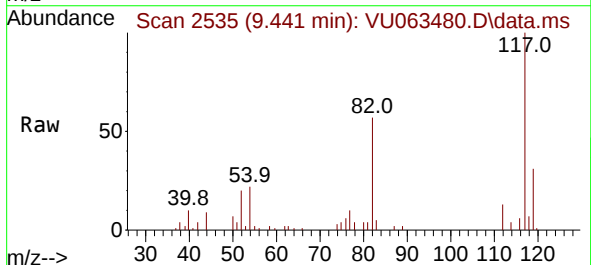
Instrument :
MSVOA_U
ClientSampleId :
MDL03

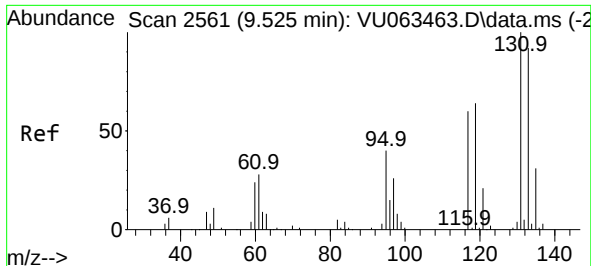
Tgt Ion:164 Resp: 639
Ion Ratio Lower Upper
164 100
166 132.2 100.9 151.3
129 115.0 80.9 121.3
131 114.8 75.5 113.3#



#65
Chlorobenzene
Concen: 0.569 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion:112 Resp: 2176
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3

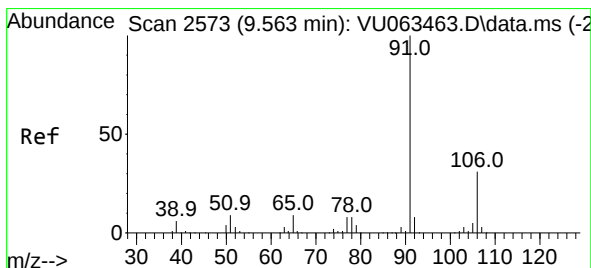
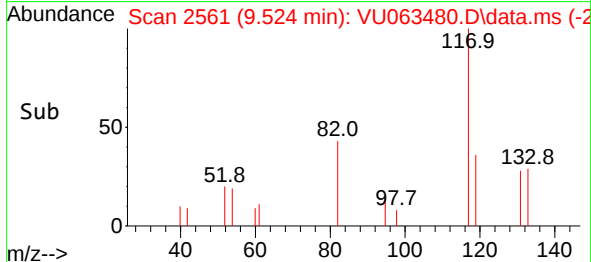
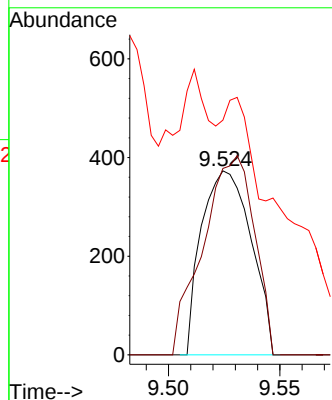
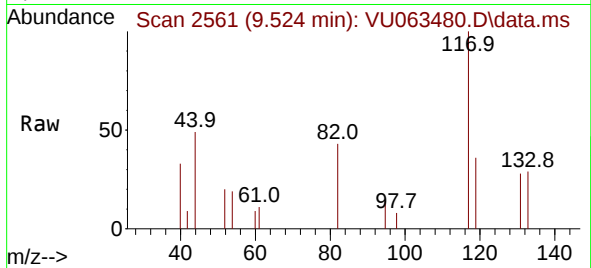




#66
1,1,1,2-Tetrachloroethane
Concen: 0.440 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

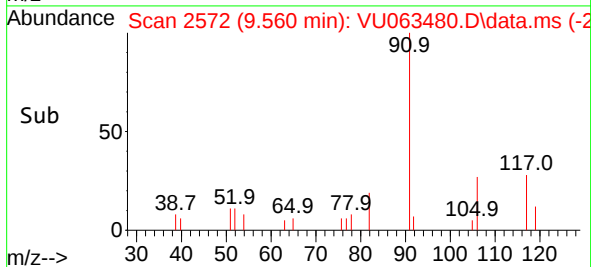
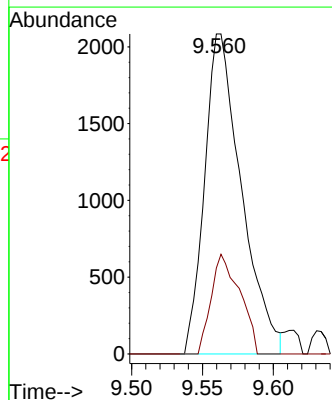
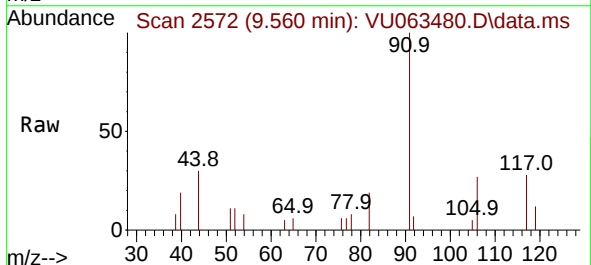
Instrument :
MSVOA_U
ClientSampleId :
MDL03

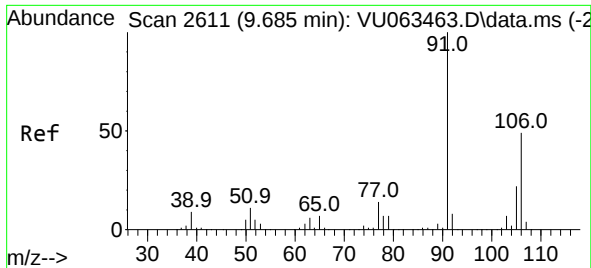
Tgt Ion:131 Resp: 578
Ion Ratio Lower Upper
131 100
133 112.1 46.4 139.2
119 0.0 33.3 99.9#



#67
Ethyl Benzene
Concen: 0.572 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 91 Resp: 3763
Ion Ratio Lower Upper
91 100
106 26.8 24.5 36.7

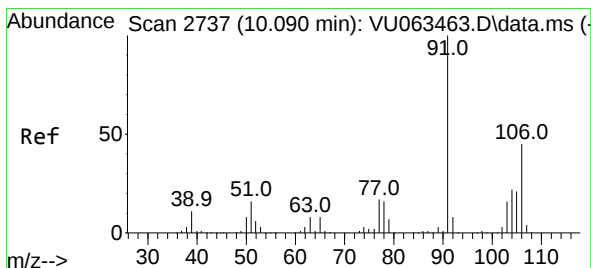
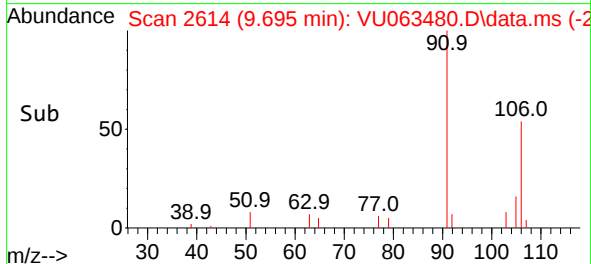
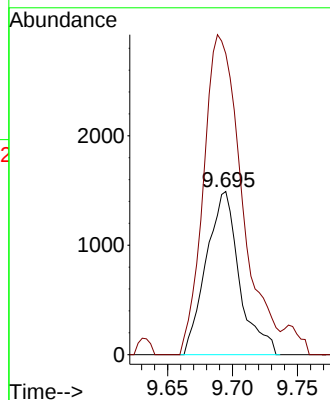
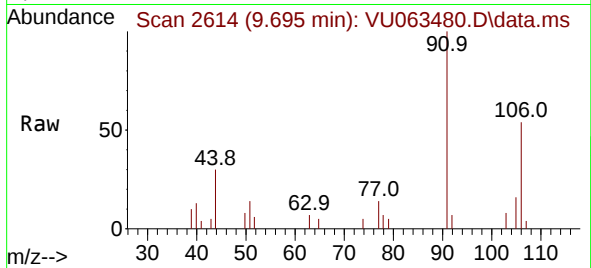




#68
m/p-Xylenes
Concen: 1.055 ug/l
RT: 9.695 min Scan# 2614
Delta R.T. 0.009 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

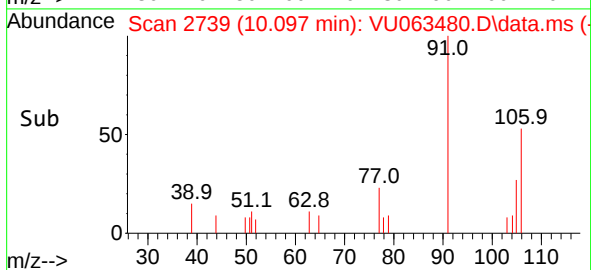
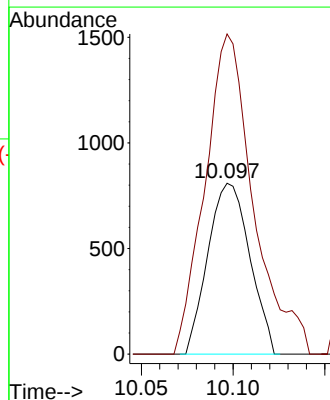
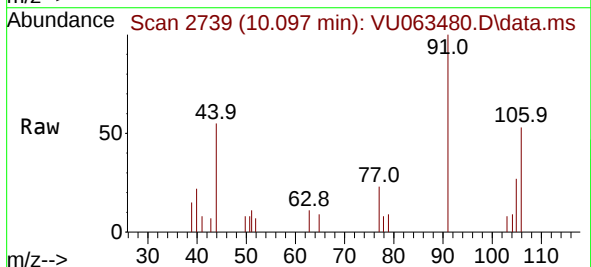
Instrument :
MSVOA_U
ClientSampleId :
MDL03

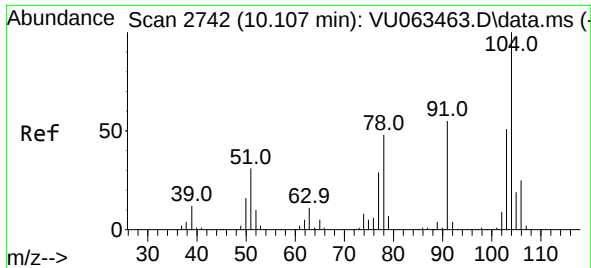
Tgt Ion:106 Resp: 2649
Ion Ratio Lower Upper
106 100
91 226.6 163.6 245.4



#69
o-Xylene
Concen: 0.503 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion:106 Resp: 1284
Ion Ratio Lower Upper
106 100
91 216.7 110.7 331.9

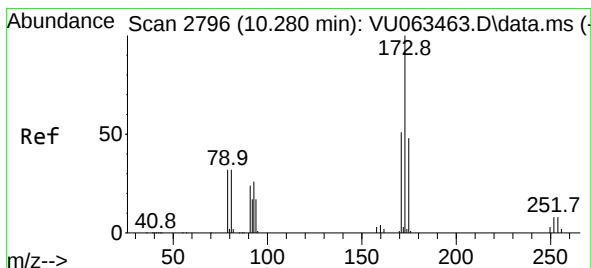
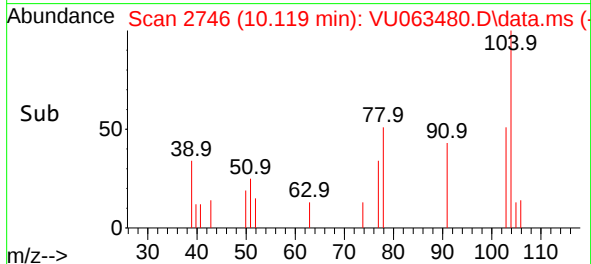
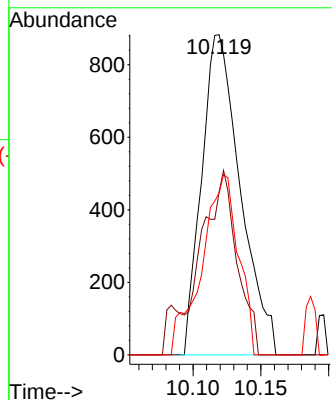
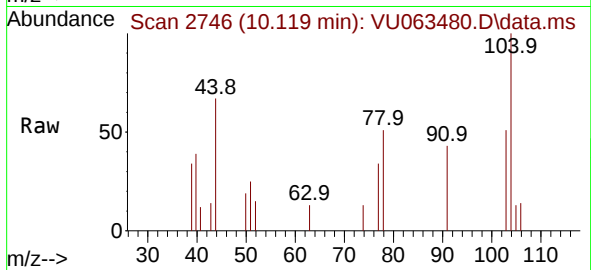




#70
Styrene
Concen: 0.432 ug/l
RT: 10.119 min Scan# 2746
Delta R.T. 0.013 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

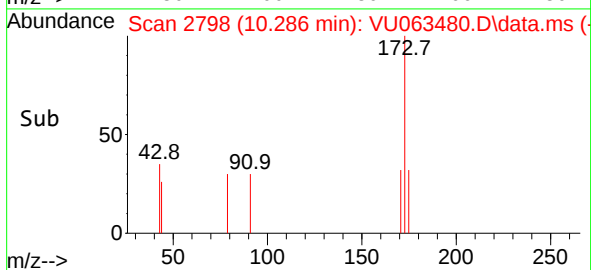
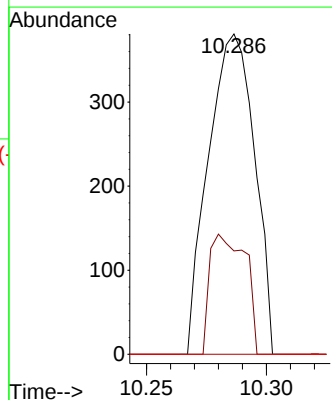
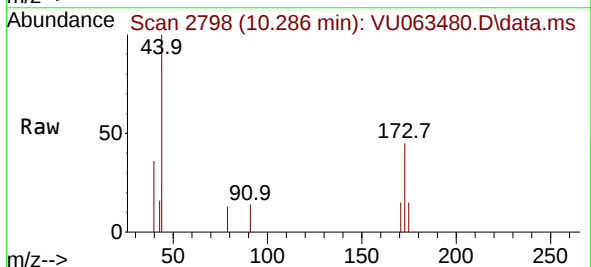
Instrument :
MSVOA_U
ClientSampleId :
MDL03

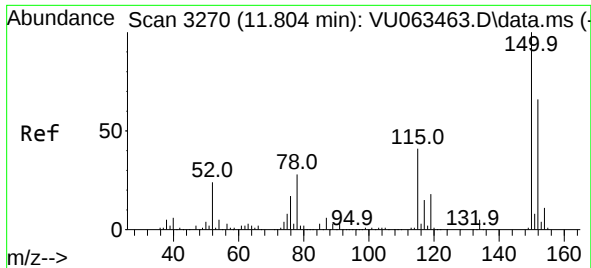
Tgt Ion:104 Resp: 1752
Ion Ratio Lower Upper
104 100
78 51.3 41.4 62.0
103 53.5 44.3 66.5



#71
Bromoform
Concen: 0.446 ug/l
RT: 10.286 min Scan# 2798
Delta R.T. 0.006 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion:173 Resp: 510
Ion Ratio Lower Upper
173 100
175 29.0 24.0 72.0
254 0.0 0.0 0.0

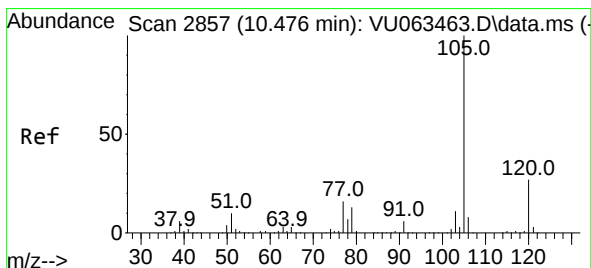
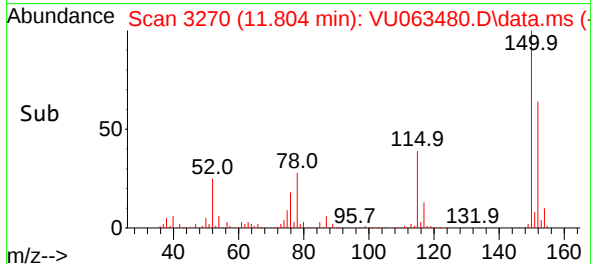
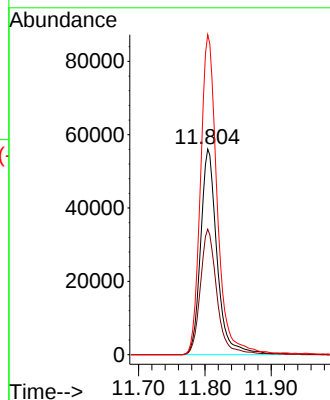
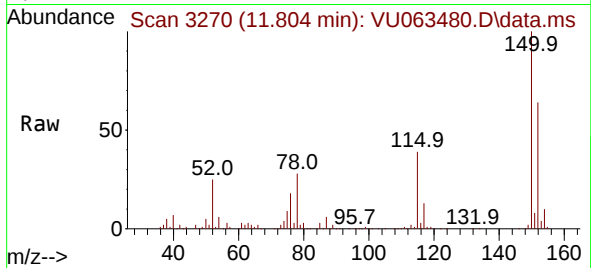




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

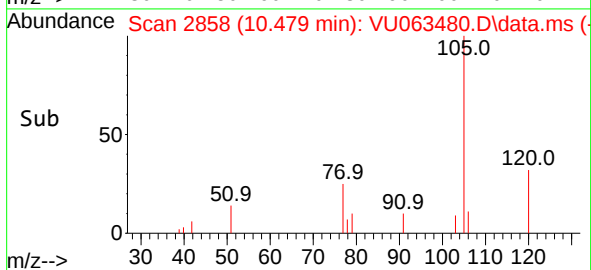
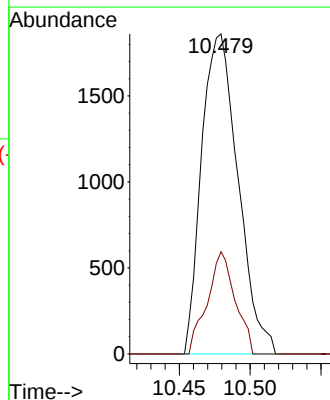
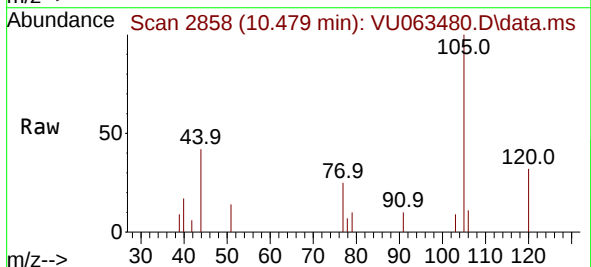
Instrument :
MSVOA_U
ClientSampleId :
MDL03

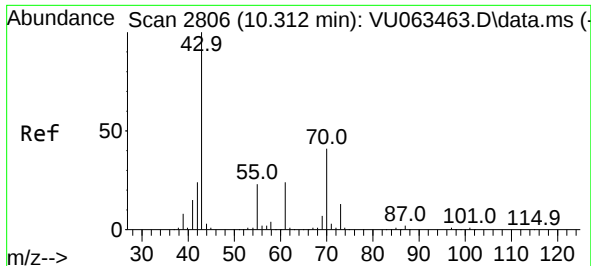
Tgt Ion:152 Resp: 96820
Ion Ratio Lower Upper
152 100
115 61.5 43.4 130.2
150 158.2 0.0 341.4



#73
Isopropylbenzene
Concen: 0.504 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion:105 Resp: 3323
Ion Ratio Lower Upper
105 100
120 24.5 13.1 39.1

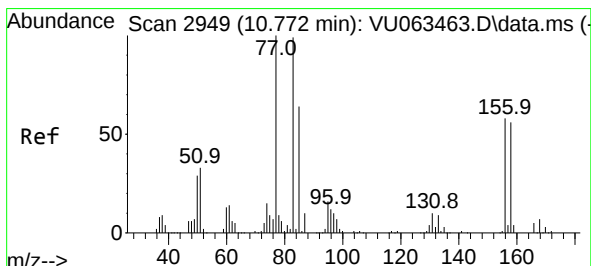
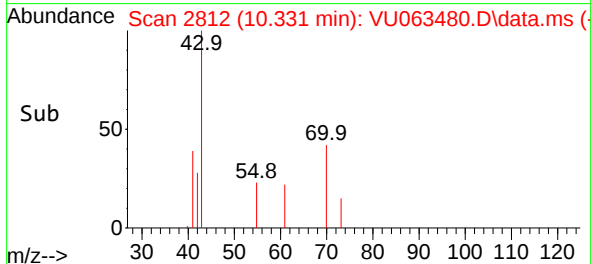
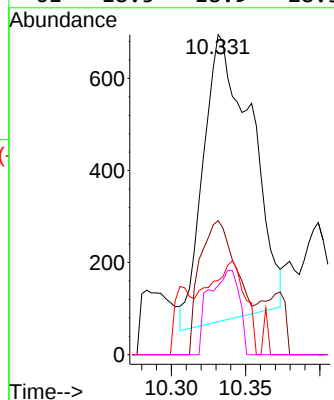
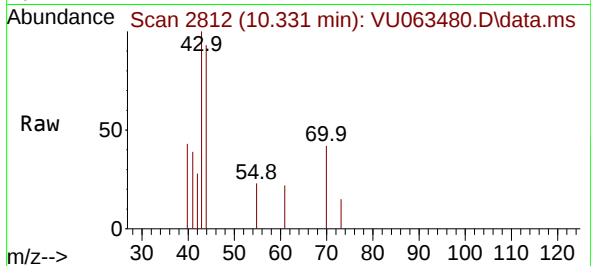




#74
N-amy1 acetate
Concen: 0.474 ug/l
RT: 10.331 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

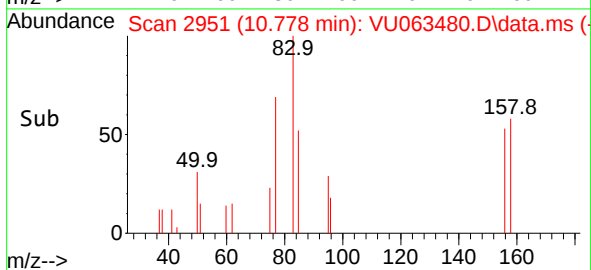
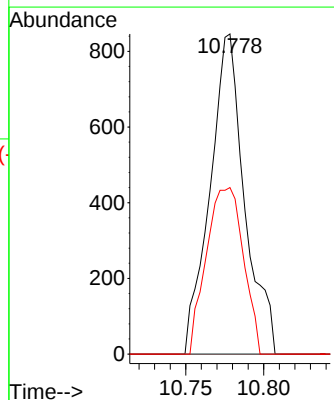
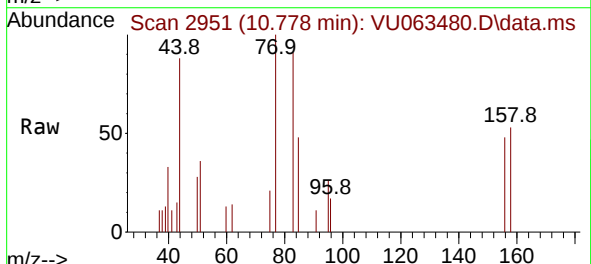
Instrument :
MSVOA_U
ClientSampleId :
MDL03

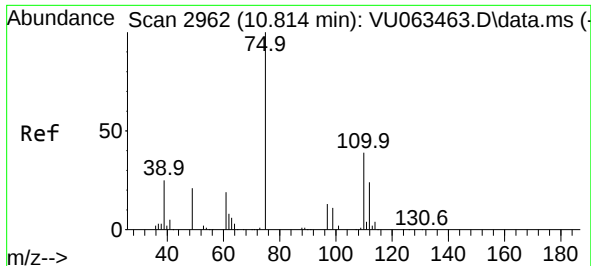
Tgt Ion: 43	Resp: 1400
Ion Ratio	Lower Upper
43 100	
70 38.9	32.6 48.8
55 0.0	18.6 27.8#
61 18.5	18.9 28.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.539 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 83	Resp: 1308
Ion Ratio	Lower Upper
83 100	
131 0.0	4.8 14.3#
85 55.5	32.3 96.8

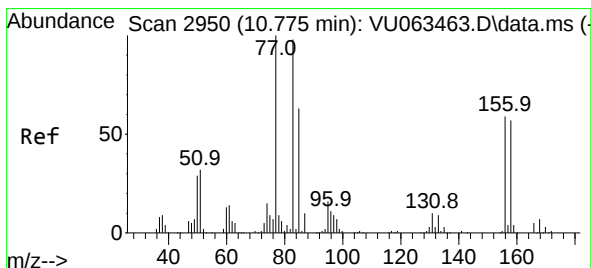
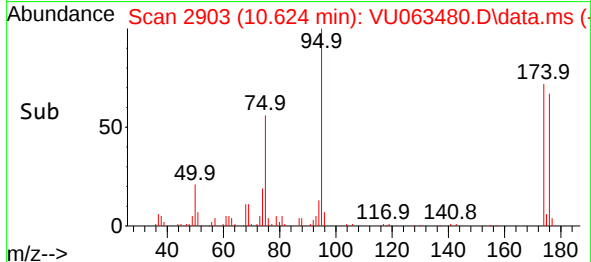
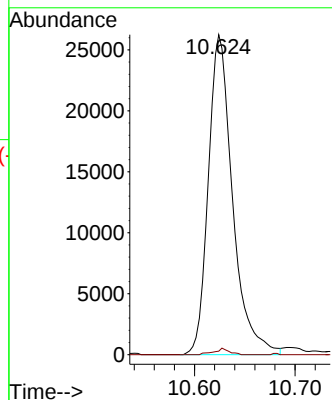
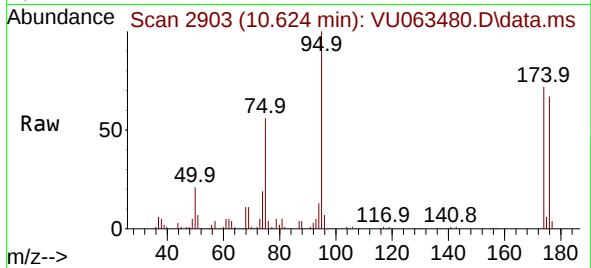




#76
1,2,3-Trichloropropane
Concen: 17.168 ug/l
RT: 10.624 min Scan# 2962
Delta R.T. -0.190 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

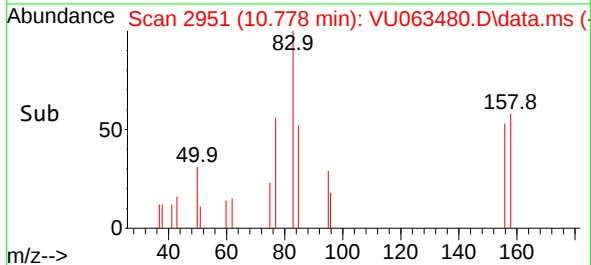
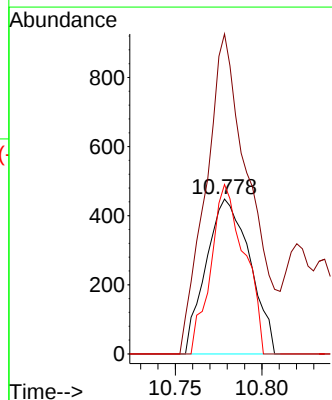
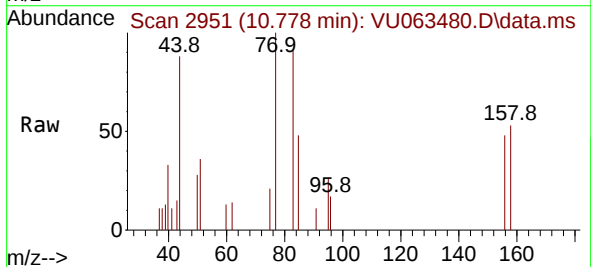
Instrument :
MSVOA_U
ClientSampleId :
MDL03

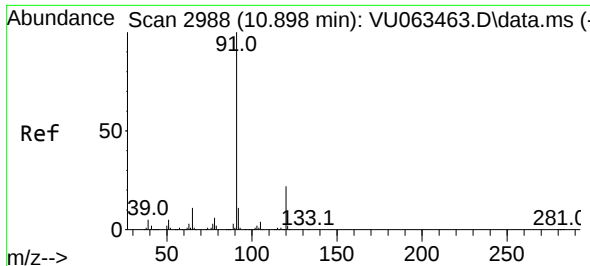
Tgt Ion: 75 Resp: 44045
Ion Ratio Lower Upper
75 100
77 1.2 3.1 9.4#



#77
Bromobenzene
Concen: 0.489 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 156 Resp: 790
Ion Ratio Lower Upper
156 100
77 206.2 78.2 234.6
158 83.8 46.8 140.4

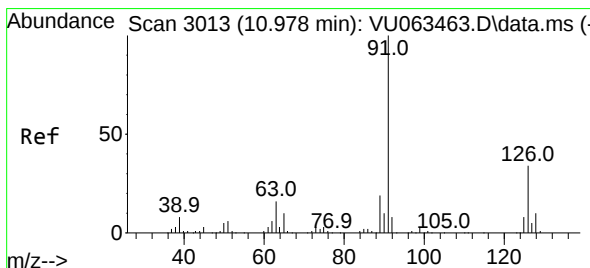
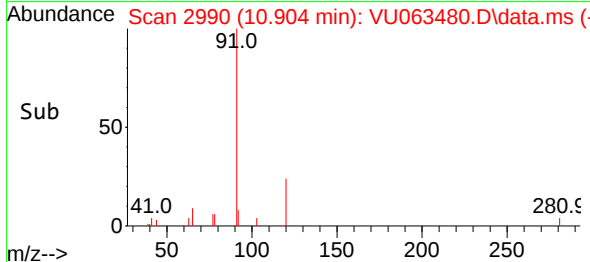
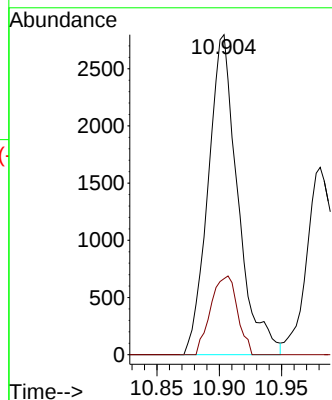
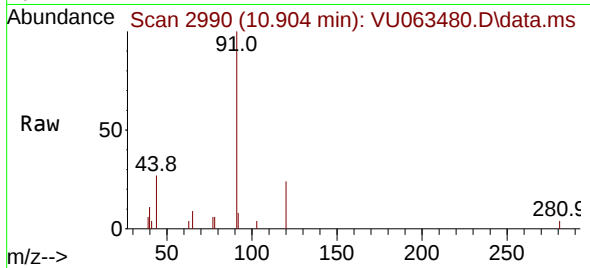




#78
n-propylbenzene
Concen: 0.608 ug/l
RT: 10.904 min Scan# 2988
Delta R.T. 0.006 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

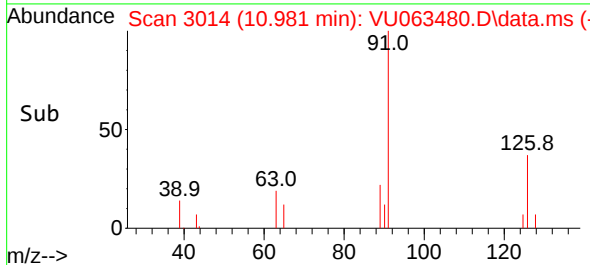
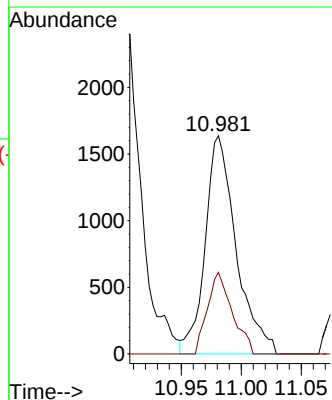
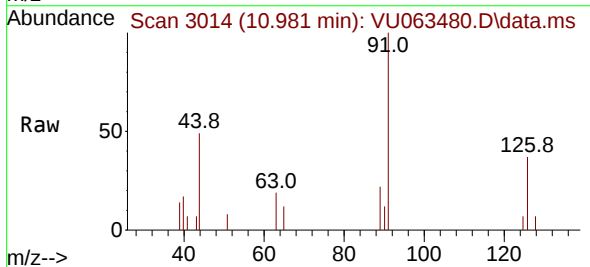
Instrument :
MSVOA_U
ClientSampleId :
MDL03

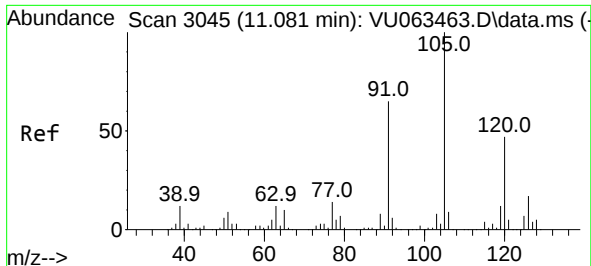
Tgt Ion: 91 Resp: 4646
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.613 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 91 Resp: 2939
Ion Ratio Lower Upper
91 100
126 29.9 15.9 47.7

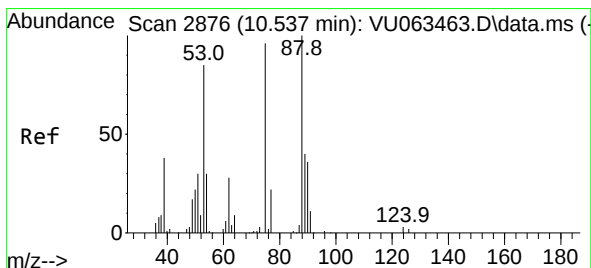
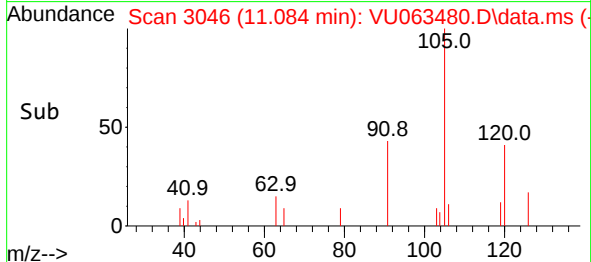
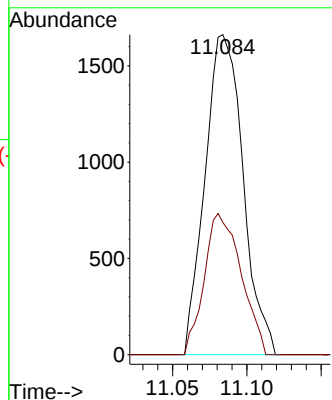
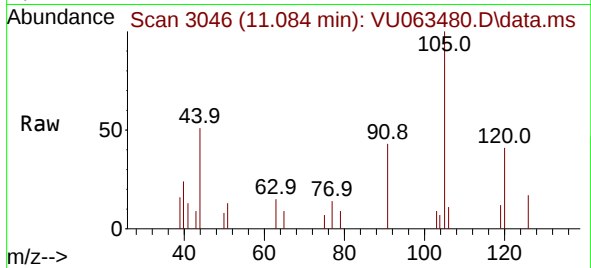




#80
1,3,5-Trimethylbenzene
Concen: 0.514 ug/l
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

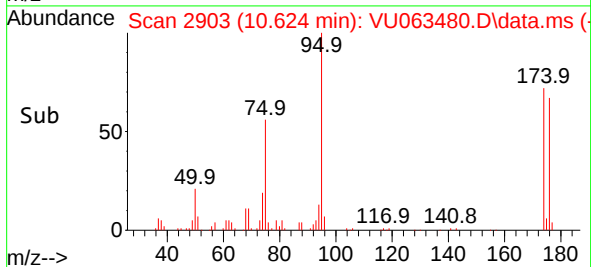
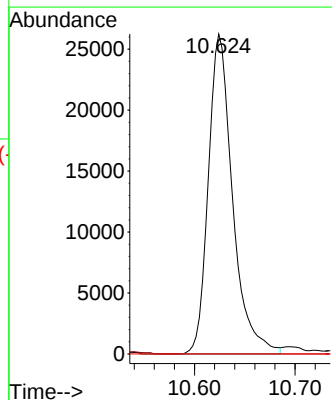
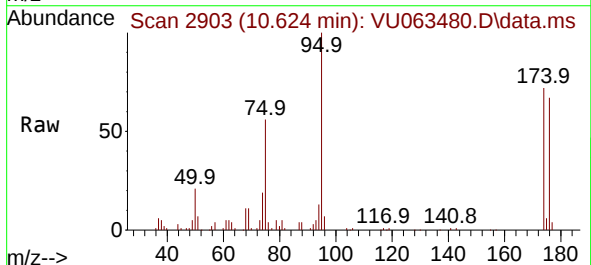
Instrument :
MSVOA_U
ClientSampleId :
MDL03

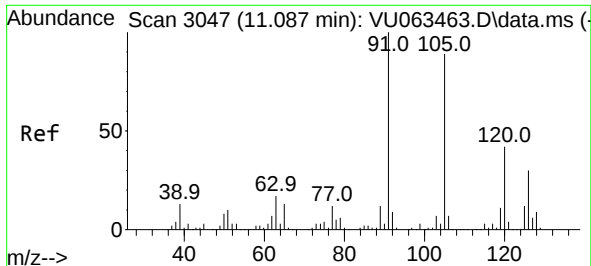
Tgt Ion:105 Resp: 2961
Ion Ratio Lower Upper
105 100
120 42.8 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 85.624 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.087 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 75 Resp: 44045
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#

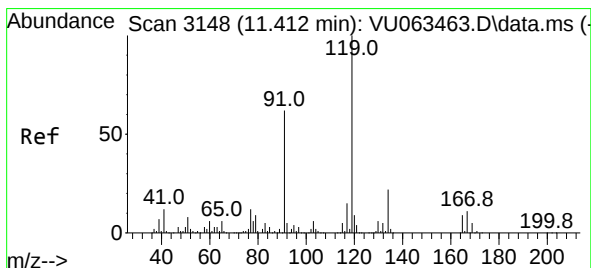
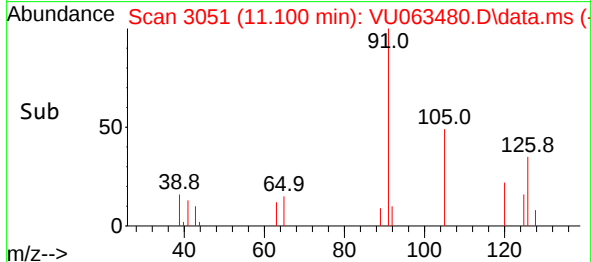
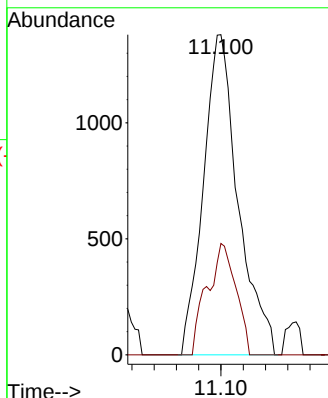
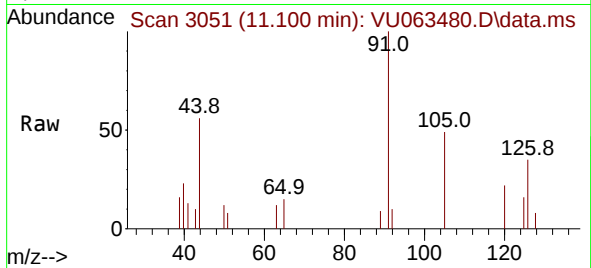




#82
4-Chlorotoluene
Concen: 0.549 ug/l
RT: 11.100 min Scan# 3047
Delta R.T. 0.013 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

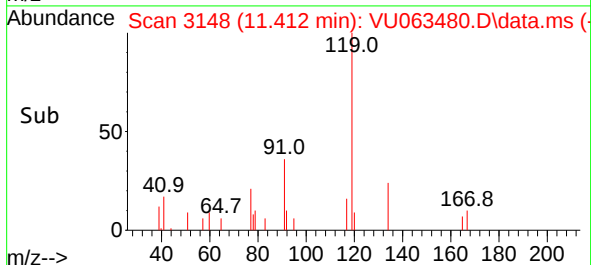
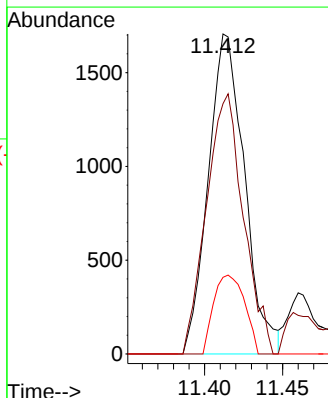
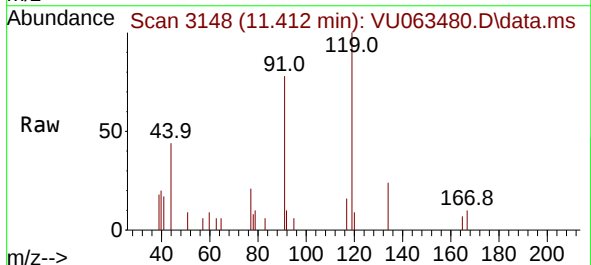
Instrument :
MSVOA_U
ClientSampleId :
MDL03

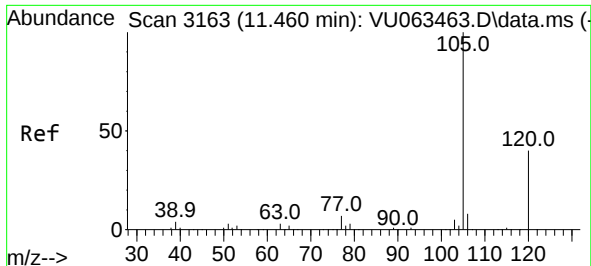
Tgt Ion: 91 Resp: 2989
Ion Ratio Lower Upper
91 100
126 28.8 14.4 43.2



#83
tert-Butylbenzene
Concen: 0.500 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 119 Resp: 2763
Ion Ratio Lower Upper
119 100
91 82.8 30.3 91.0
134 21.0 11.2 33.6

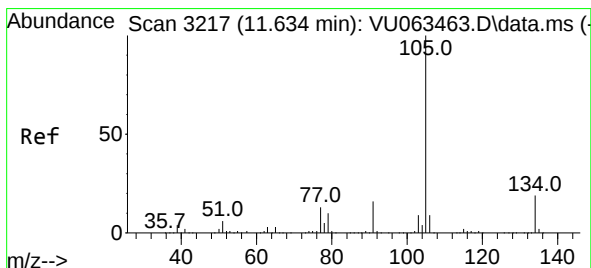
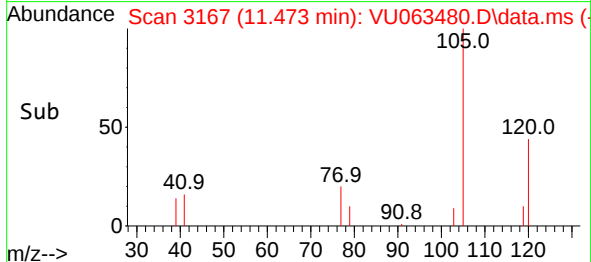
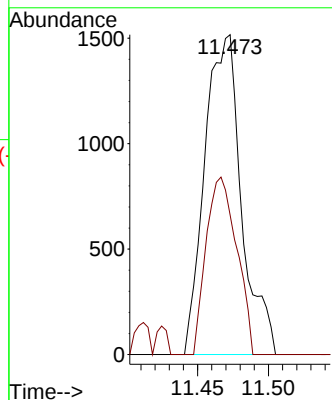
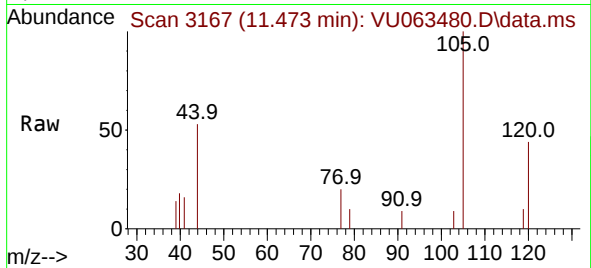




#84
1,2,4-Trimethylbenzene
Concen: 0.483 ug/l
RT: 11.473 min Scan# 3167
Delta R.T. 0.013 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

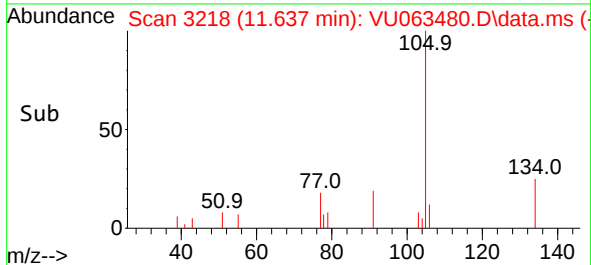
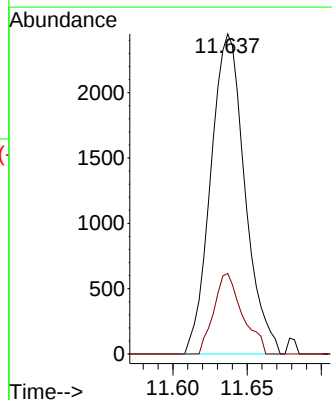
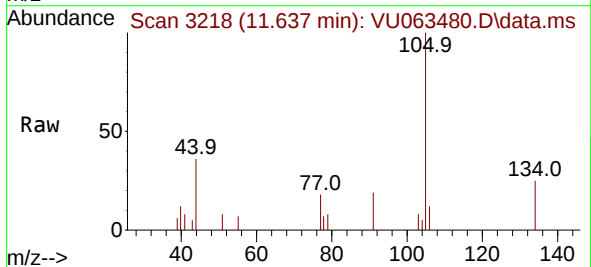
Instrument :
MSVOA_U
ClientSampleId :
MDL03

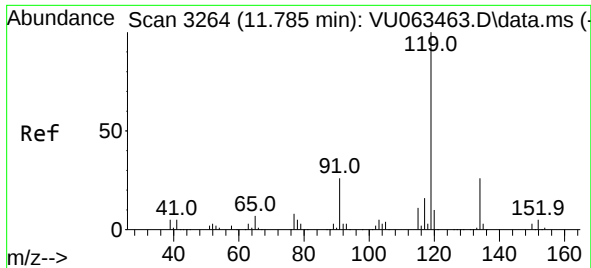
Tgt Ion:105 Resp: 2732
Ion Ratio Lower Upper
105 100
120 46.2 22.1 66.3



#85
sec-Butylbenzene
Concen: 0.537 ug/l
RT: 11.637 min Scan# 3218
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion:105 Resp: 3919
Ion Ratio Lower Upper
105 100
134 21.0 9.7 29.1

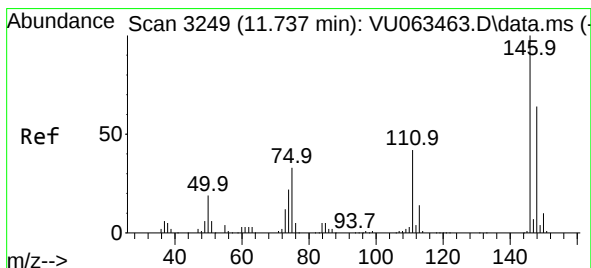
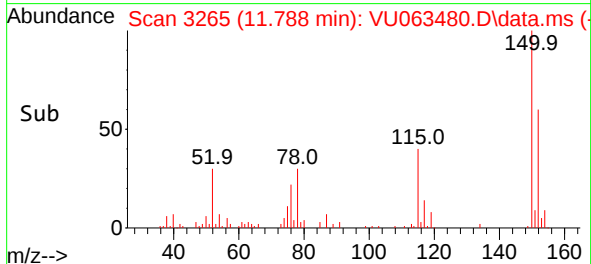
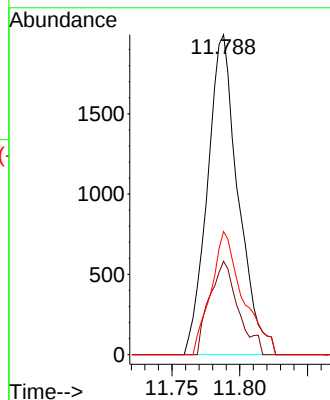
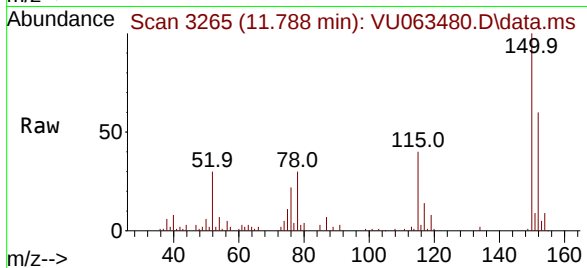




#86
 p-Isopropyltoluene
 Concen: 0.531 ug/l
 RT: 11.788 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063480.D
 Acq: 10 Jul 2025 14:59

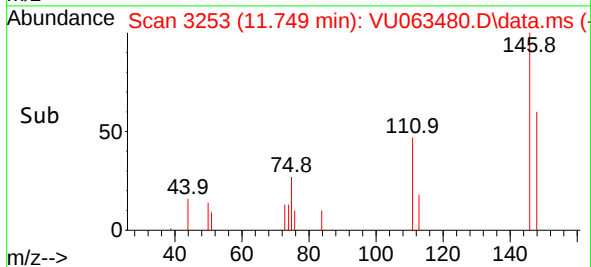
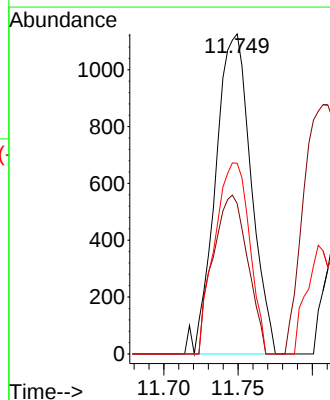
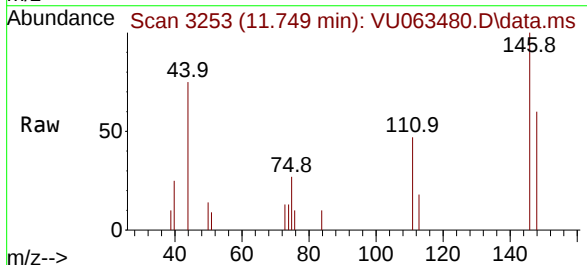
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

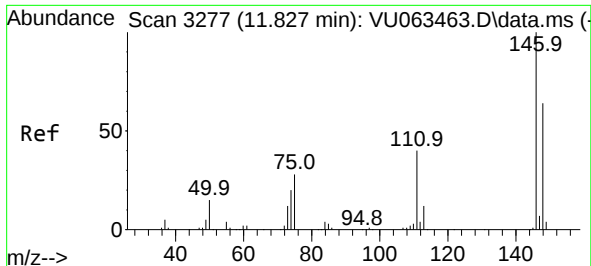
Tgt Ion:119 Resp: 3144
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.0 38.9
 91 39.8 13.0 38.9#



#87
 1,3-Dichlorobenzene
 Concen: 0.603 ug/l
 RT: 11.749 min Scan# 3253
 Delta R.T. 0.013 min
 Lab File: VU063480.D
 Acq: 10 Jul 2025 14:59

Tgt Ion:146 Resp: 1877
 Ion Ratio Lower Upper
 146 100
 111 48.3 20.9 62.7
 148 58.2 31.9 95.9

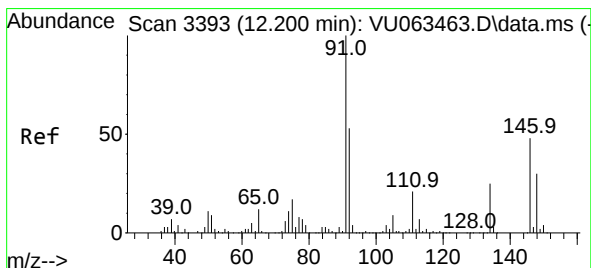
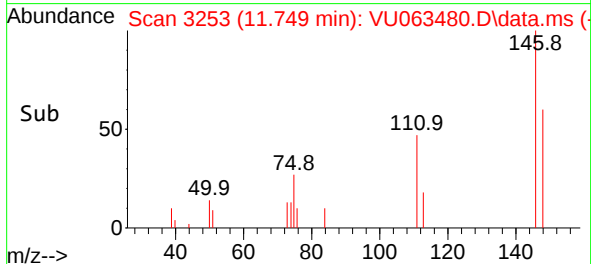
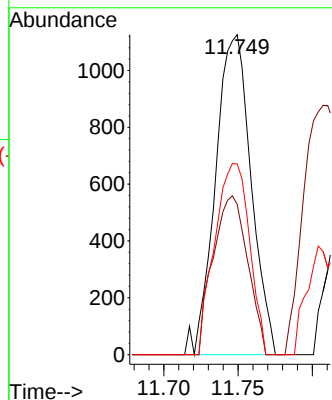
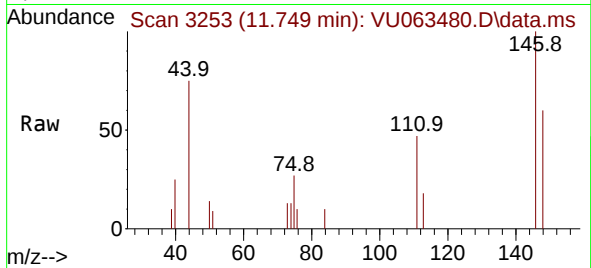




#88
1,4-Dichlorobenzene
Concen: 0.592 ug/l
RT: 11.749 min Scan# 31
Delta R.T. -0.077 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

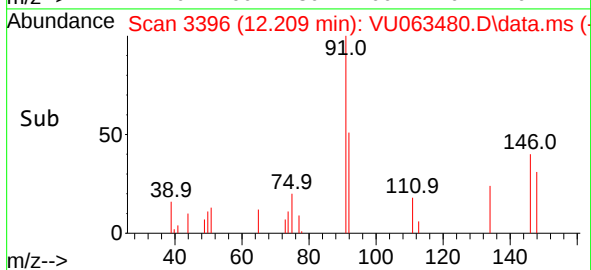
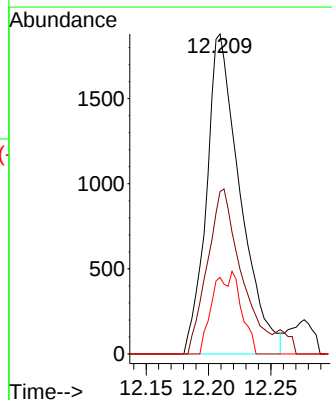
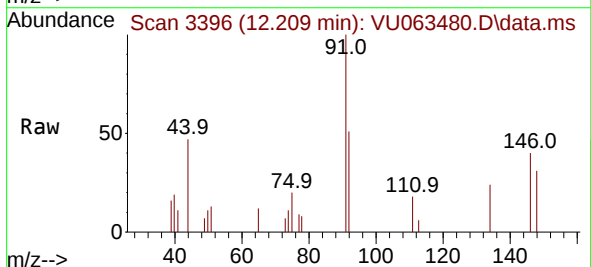
Instrument :
MSVOA_U
ClientSampleId :
MDL03

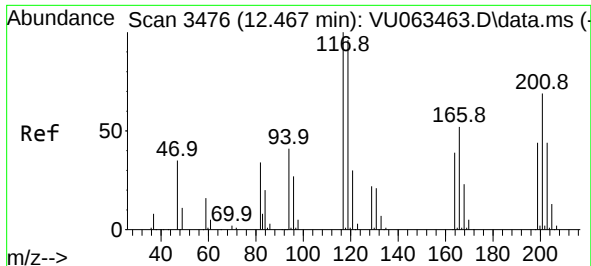
Tgt Ion:146 Resp: 1877
Ion Ratio Lower Upper
146 100
111 48.3 20.8 62.4
148 58.2 31.9 95.9



#89
n-Butylbenzene
Concen: 0.644 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.009 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

Tgt Ion: 91 Resp: 3524
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.2
134 12.7 12.4 37.0

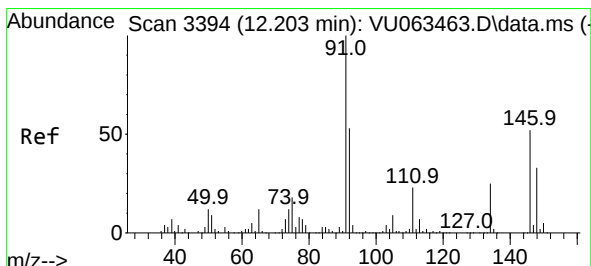
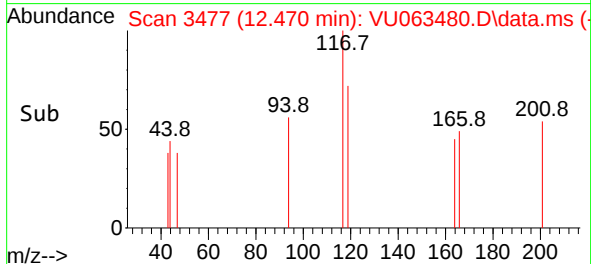
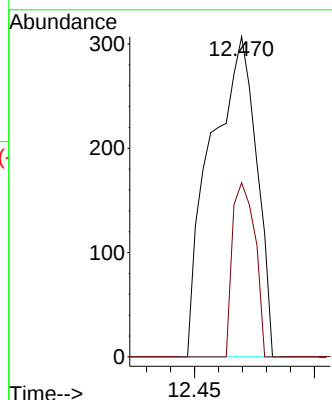
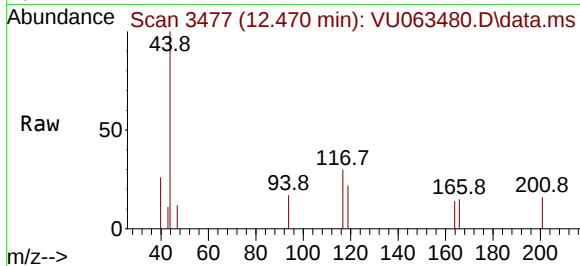




#90
Hexachloroethane
Concen: 0.410 ug/l
RT: 12.470 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

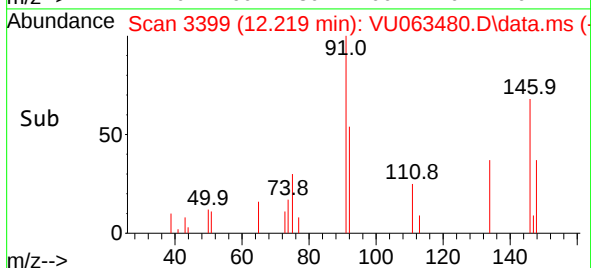
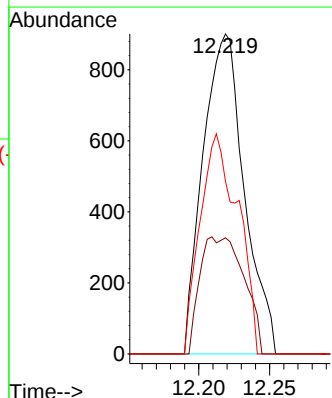
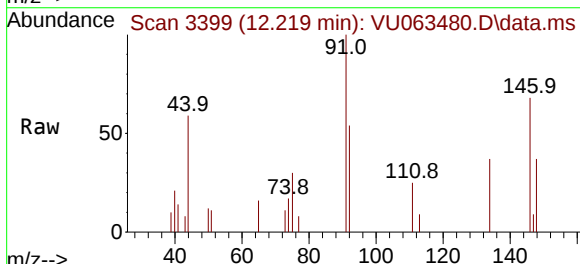
Instrument :
MSVOA_U
ClientSampleId :
MDL03

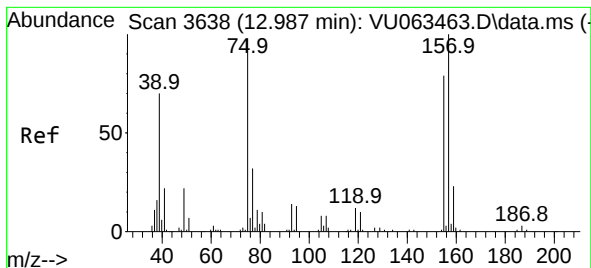
Tgt Ion:117 Resp: 406
Ion Ratio Lower Upper
117 100
201 26.8 34.4 103.2#



#91
1,2-Dichlorobenzene
Concen: 0.602 ug/l
RT: 12.219 min Scan# 3399
Delta R.T. 0.016 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

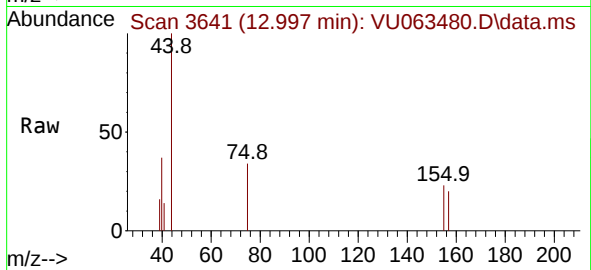
Tgt Ion:146 Resp: 1826
Ion Ratio Lower Upper
146 100
111 16.3 21.9 65.5#
148 63.1 31.6 95.0



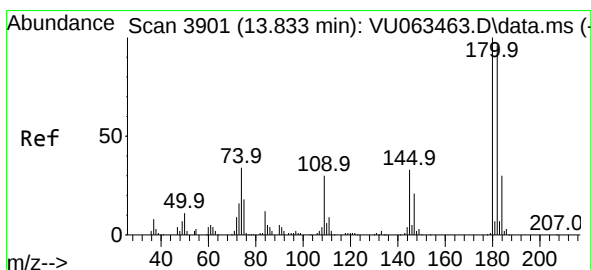
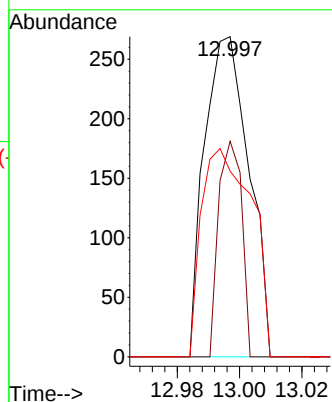
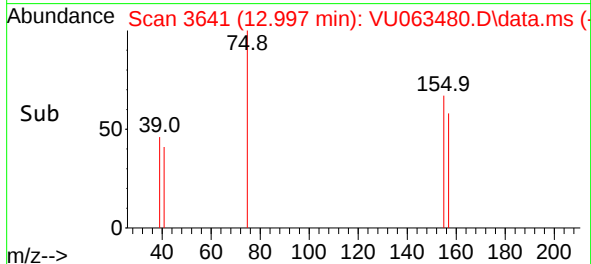


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.463 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.009 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

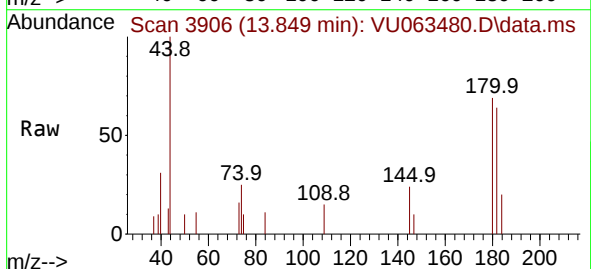
Instrument :
MSVOA_U
ClientSampleId :
MDL03



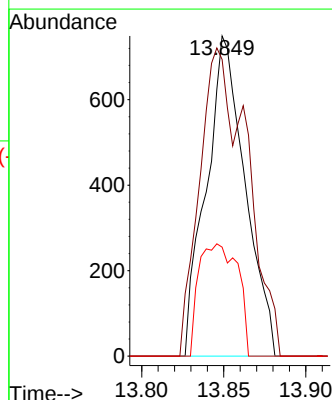
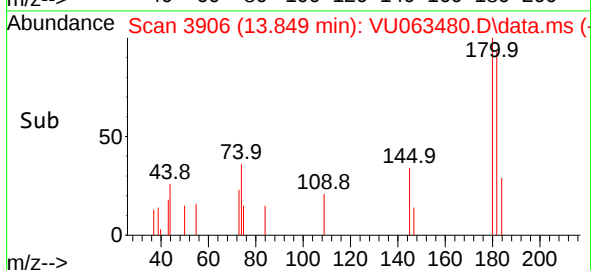
Tgt Ion: 75 Resp: 266
Ion Ratio Lower Upper
75 100
155 35.0 39.1 117.5#
157 73.7 49.4 148.2

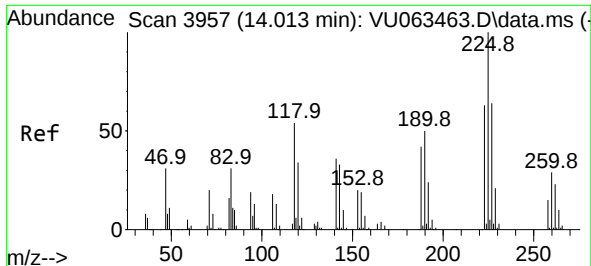


#93
1,2,4-Trichlorobenzene
Concen: 0.633 ug/l
RT: 13.849 min Scan# 3906
Delta R.T. 0.016 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59



Tgt Ion: 180 Resp: 1230
Ion Ratio Lower Upper
180 100
182 76.5 47.7 143.1
145 35.0 16.6 49.7

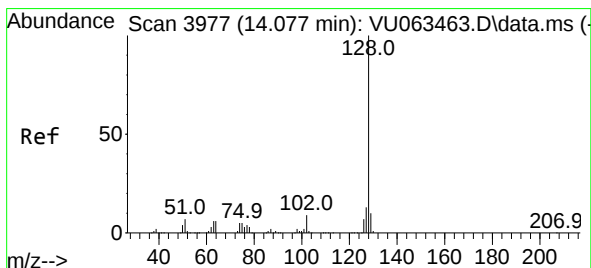
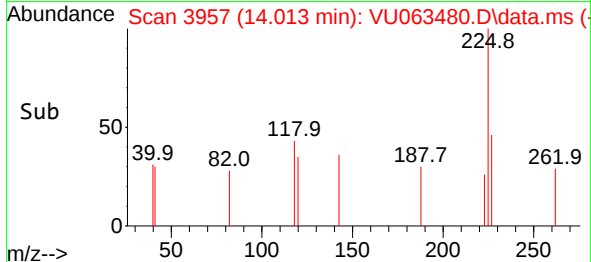
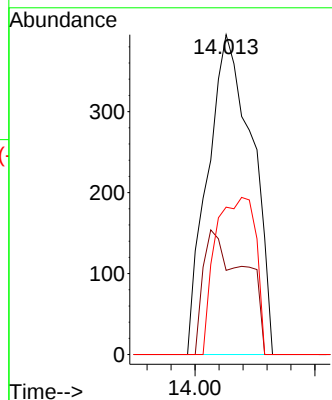
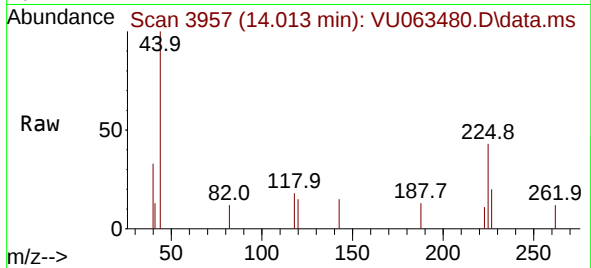




#94
Hexachlorobutadiene
Concen: 0.609 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

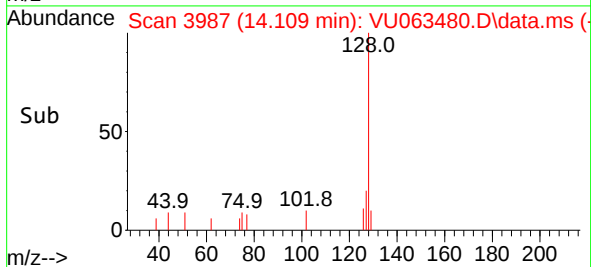
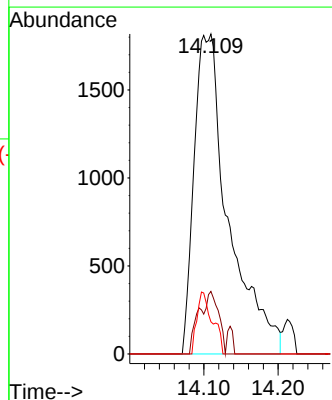
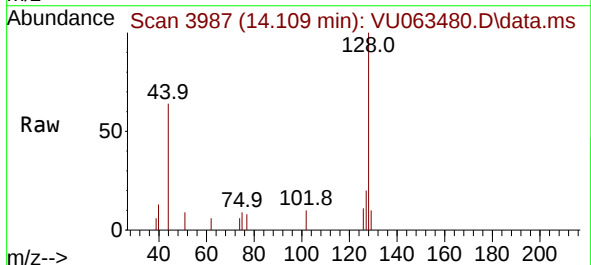
Instrument :
MSVOA_U
ClientSampleId :
MDL03

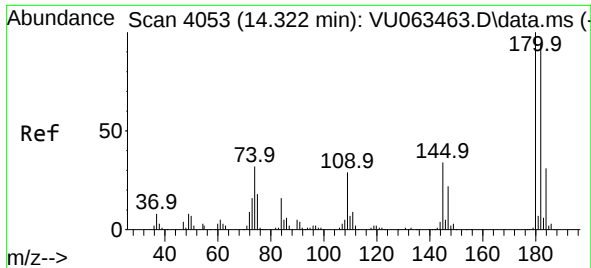
Tgt Ion:225 Resp: 506
Ion Ratio Lower Upper
225 100
223 23.5 32.4 97.0#
227 44.7 32.3 96.9



#95
Naphthalene
Concen: 0.917 ug/l
RT: 14.109 min Scan# 3987
Delta R.T. 0.032 min
Lab File: VU063480.D
Acq: 10 Jul 2025 14:59

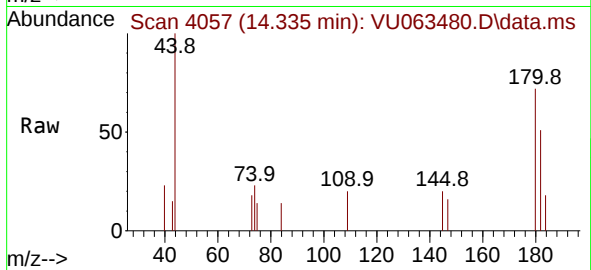
Tgt Ion:128 Resp: 5836
Ion Ratio Lower Upper
128 100
127 7.0 10.2 15.4#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.739 ug/l
 RT: 14.335 min Scan# 4057
 Delta R.T. 0.013 min
 Lab File: VU063480.D
 Acq: 10 Jul 2025 14:59

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03



Tgt Ion:	180	Resp:	1411
Ion	Ratio	Lower	Upper
180	100		
182	63.6	47.8	143.3
145	30.6	17.2	51.5

