

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
 Data File : VU063507.D
 Acq On : 14 Jul 2025 14:37
 Operator : MD/SY
 Sample : MDL06
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Quant Time: Jul 15 01:36:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	94776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.242	114	172684	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.412	117	160710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.807	152	79560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	68867	56.951	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	113.900%	
35) Dibromofluoromethane	5.280	113	53556	51.451	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	102.900%	
50) Toluene-d8	7.891	98	167400	49.336	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	98.680%	
62) 4-Bromofluorobenzene	10.627	95	73916	49.804	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	99.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	428	0.568	ug/l	94
3) Chloromethane	1.518	50	803	0.875	ug/l	95
4) Vinyl Chloride	1.599	62	640	0.629	ug/l #	69
5) Bromomethane	1.850	94	970	1.360	ug/l	96
6) Chloroethane	1.924	64	855	1.159	ug/l #	84
7) Trichlorofluoromethane	2.133	101	1008	0.614	ug/l	90
8) Diethyl Ether	2.370	74	344	0.503	ug/l	59
9) 1,1,2-Trichlorotrifluo...	2.570	101	536	0.552	ug/l	96
10) Methyl Iodide	2.718	142	709	0.699	ug/l #	78
11) Tert butyl alcohol	3.181	59	668	1.648	ug/l #	90
12) 1,1-Dichloroethene	2.579	96	352	0.389	ug/l #	43
13) Acrolein	2.477	56	285	4.980	ug/l #	65
14) Allyl chloride	2.914	41	814	0.378	ug/l #	32
15) Acrylonitrile	3.309	53	2775	3.195	ug/l #	87
16) Acetone	2.624	43	3231	3.185	ug/l #	85
17) Carbon Disulfide	2.779	76	1793	0.829	ug/l	97
18) Methyl Acetate	2.946	43	1428	0.547	ug/l	98
19) Methyl tert-butyl Ether	3.354	73	914	0.234	ug/l #	85
20) Methylene Chloride	3.026	84	1206	0.815	ug/l #	71
21) trans-1,2-Dichloroethene	3.335	96	630	0.649	ug/l #	74
22) Diisopropyl ether	3.994	45	1864	0.509	ug/l #	24
23) Vinyl Acetate	3.965	43	4987	1.754	ug/l #	91
24) 1,1-Dichloroethane	3.856	63	1168	0.562	ug/l #	82
25) 2-Butanone	4.705	43	47	0.041	ug/l #	49
26) 2,2-Dichloropropane	4.657	77	800	0.442	ug/l #	52
27) cis-1,2-Dichloroethene	4.663	96	629	0.491	ug/l	88
28) Bromochloromethane	4.965	49	221	0.226	ug/l #	91
29) Tetrahydrofuran	5.075	42	1986	2.765	ug/l #	75
30) Chloroform	5.078	83	1242	0.566	ug/l	93
31) Cyclohexane	5.370	56	3434	2.054	ug/l #	44
32) 1,1,1-Trichloroethane	5.309	97	974	0.521	ug/l #	41
36) 1,1-Dichloropropene	5.512	75	822	0.581	ug/l #	62
37) Ethyl Acetate	4.747	43	659	0.288	ug/l #	70
38) Carbon Tetrachloride	5.512	117	821	0.527	ug/l #	79
39) Methylcyclohexane	6.746	83	910	0.532	ug/l #	84
40) Benzene	5.769	78	2528	0.572	ug/l #	68

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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	4.965	41	45	0.042	ug/l #	6
42) 1,2-Dichloroethane	5.801	62	1090	0.656	ug/l #	76
43) Isopropyl Acetate	5.933	43	719	0.236	ug/l #	61
44) Trichloroethene	6.537	130	703	0.595	ug/l	58
45) 1,2-Dichloropropane	6.792	63	592	0.482	ug/l #	82
46) Dibromomethane	6.917	93	459	0.525	ug/l #	69
47) Bromodichloromethane	7.097	83	974	0.536	ug/l #	92
48) Methyl methacrylate	6.991	41	753	0.535	ug/l #	49
49) 1,4-Dioxane	6.988	88	49	1.588	ug/l #	1
51) 4-Methyl-2-Pentanone	7.795	43	6355	2.886	ug/l	88
52) Toluene	7.965	92	1583	0.548	ug/l	87
53) t-1,3-Dichloropropene	8.213	75	523	0.329	ug/l #	44
54) cis-1,3-Dichloropropene	7.608	75	573	0.322	ug/l #	26
55) 1,1,2-Trichloroethane	8.402	97	560	0.456	ug/l #	80
56) Ethyl methacrylate	8.348	69	884	0.447	ug/l #	93
57) 1,3-Dichloropropane	8.576	76	1007	0.498	ug/l	100
59) 2-Hexanone	8.701	43	5836	3.504	ug/l	83
60) Dibromochloromethane	8.798	129	467	0.340	ug/l	91
61) 1,2-Dibromoethane	8.930	107	387	0.321	ug/l #	35
64) Tetrachloroethene	8.547	164	543	0.454	ug/l	87
65) Chlorobenzene	9.441	112	2068	0.618	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.528	131	435	0.379	ug/l #	50
67) Ethyl Benzene	9.566	91	3113	0.542	ug/l #	88
68) m/p-Xylenes	9.695	106	2229	1.016	ug/l	87
69) o-Xylene	10.097	106	928	0.416	ug/l	71
70) Styrene	10.123	104	1731	0.488	ug/l #	82
71) Bromoform	10.287	173	296	0.296	ug/l #	50
73) Isopropylbenzene	10.479	105	2835	0.524	ug/l	99
74) N-amyl acetate	10.341	43	1447	0.596	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	10.775	83	904	0.454	ug/l #	96
76) 1,2,3-Trichloropropane	10.820	75	1306	0.619	ug/l #	63
77) Bromobenzene	10.785	156	688	0.518	ug/l	86
78) n-propylbenzene	10.904	91	3266	0.520	ug/l	96
79) 2-Chlorotoluene	10.981	91	2720	0.691	ug/l	83
80) 1,3,5-Trimethylbenzene	11.087	105	2481	0.524	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.627	75	40685	96.251	ug/l #	12
82) 4-Chlorotoluene	11.103	91	2902	0.649	ug/l	88
83) tert-Butylbenzene	11.415	119	2180	0.480	ug/l	86
84) 1,2,4-Trimethylbenzene	11.473	105	2301	0.495	ug/l	97
85) sec-Butylbenzene	11.637	105	3338	0.557	ug/l	99
86) p-Isopropyltoluene	11.791	119	2681	0.552	ug/l #	83
87) 1,3-Dichlorobenzene	11.749	146	1689	0.661	ug/l	93
88) 1,4-Dichlorobenzene	11.749	146	1689	0.648	ug/l	93
89) n-Butylbenzene	12.209	91	2980	0.662	ug/l	95
90) Hexachloroethane	12.470	117	324	0.399	ug/l #	32
91) 1,2-Dichlorobenzene	12.213	146	1585	0.636	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	13.003	75	143	0.303	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.849	180	1079	0.676	ug/l	87
94) Hexachlorobutadiene	14.010	225	447	0.655	ug/l #	52
95) Naphthalene	14.100	128	6428	1.229	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.338	180	1039	0.662	ug/l #	20

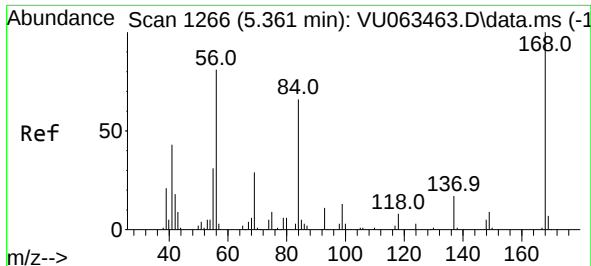
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

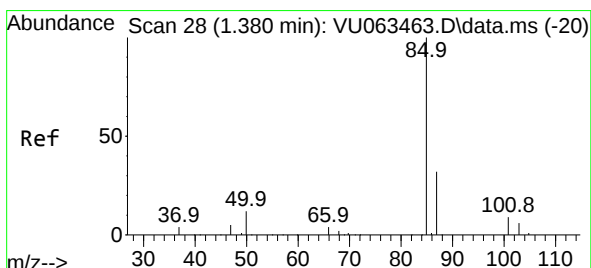
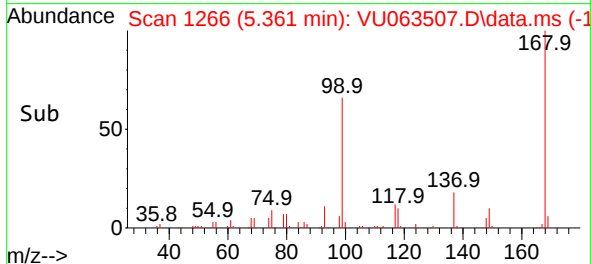
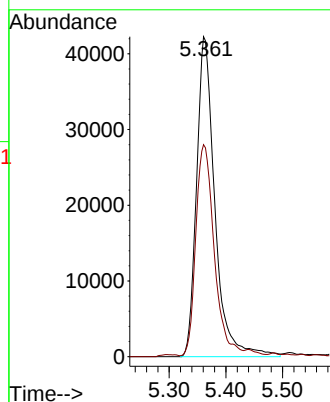
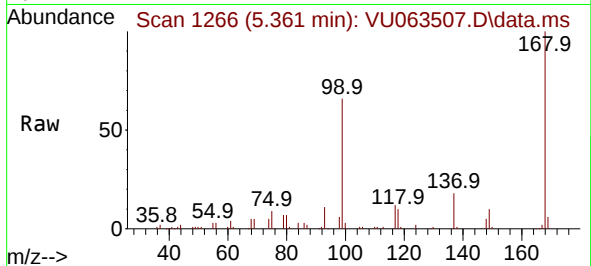
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

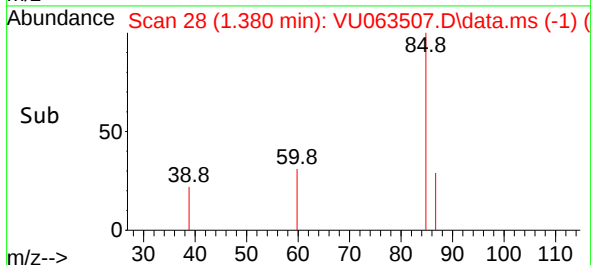
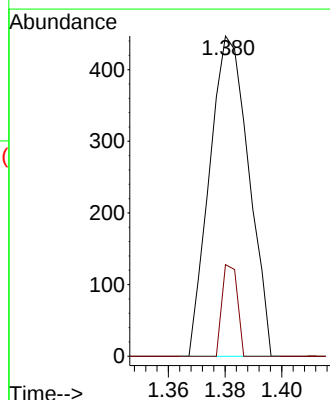
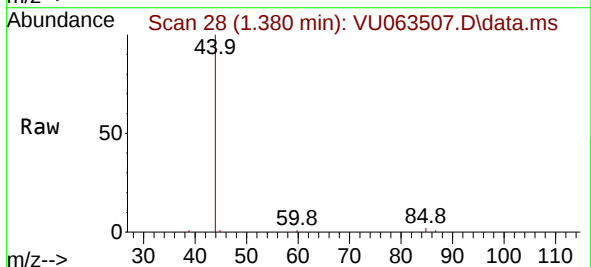
Instrument :
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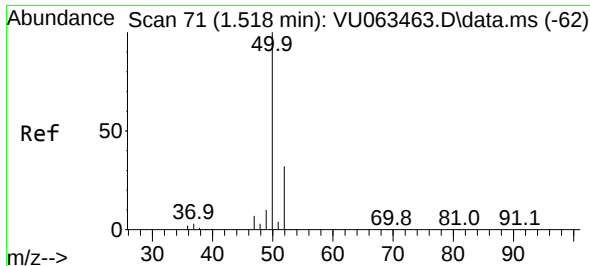
Tgt Ion:168 Resp: 94776
Ion Ratio Lower Upper
168 100
99 65.9 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 0.568 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 85 Resp: 428
Ion Ratio Lower Upper
85 100
87 28.6 16.1 48.2

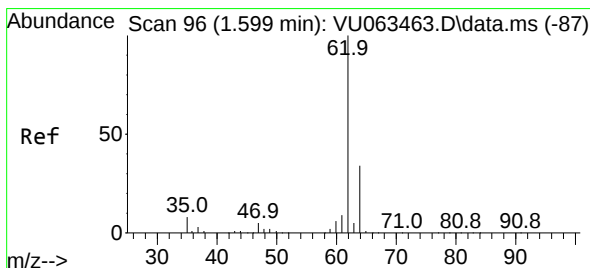
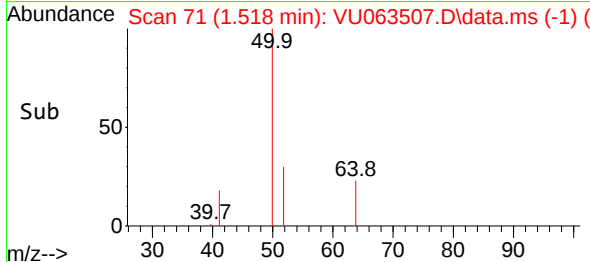
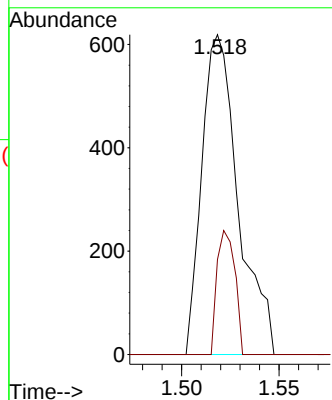
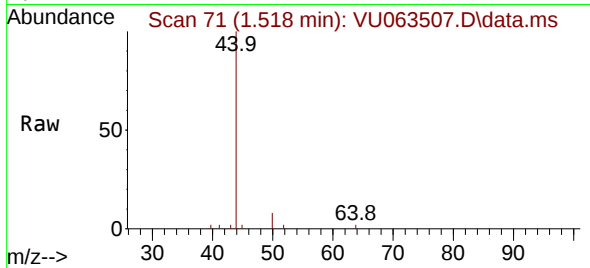




#3
 Chloromethane
 Concen: 0.875 ug/l
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU063507.D
 Acq: 14 Jul 2025 14:37

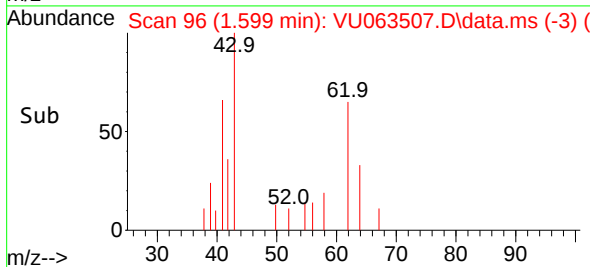
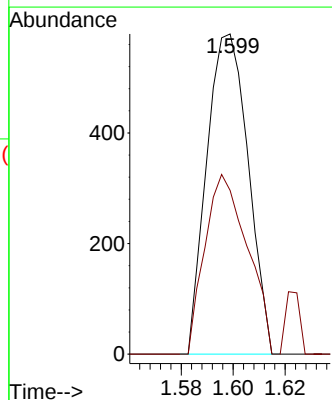
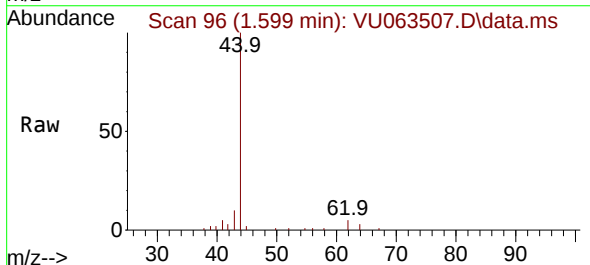
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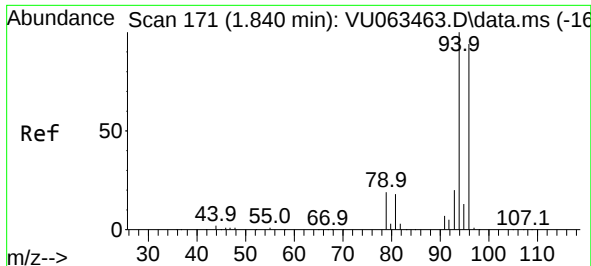
Tgt Ion: 50 Resp: 803
 Ion Ratio Lower Upper
 50 100
 52 29.7 25.8 38.8



#4
 Vinyl Chloride
 Concen: 0.629 ug/l
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU063507.D
 Acq: 14 Jul 2025 14:37

Tgt Ion: 62 Resp: 640
 Ion Ratio Lower Upper
 62 100
 64 51.1 26.9 40.3#

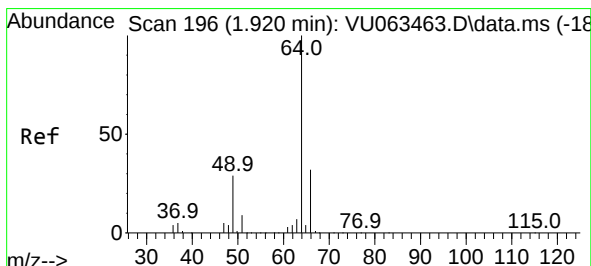
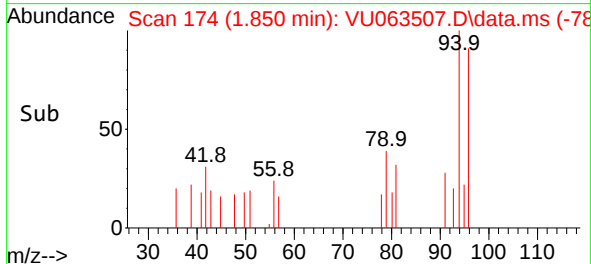
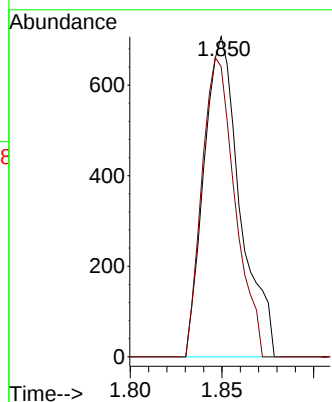
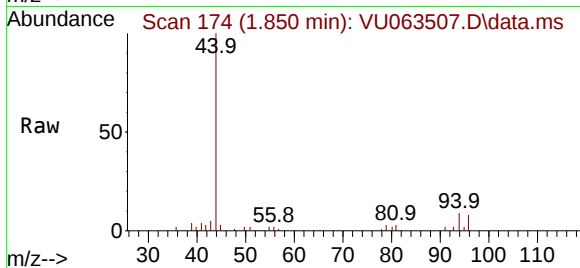




#5
Bromomethane
Concen: 1.360 ug/l
RT: 1.850 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

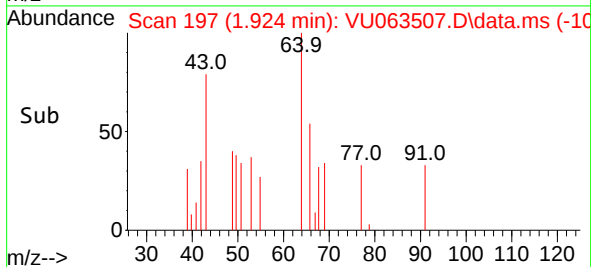
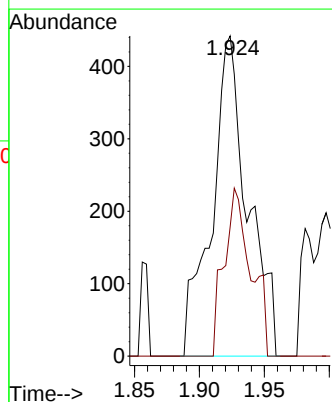
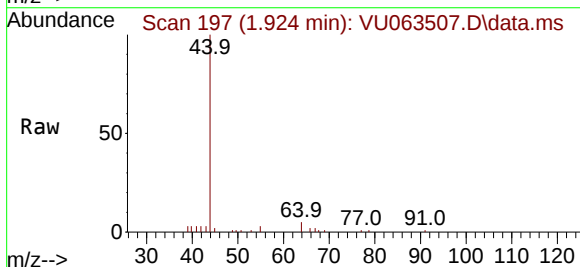
Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 94 Resp: 970
Ion Ratio Lower Upper
94 100
96 90.7 75.5 113.3



#6
Chloroethane
Concen: 1.159 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.004 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 64 Resp: 855
Ion Ratio Lower Upper
64 100
66 40.3 25.3 37.9#

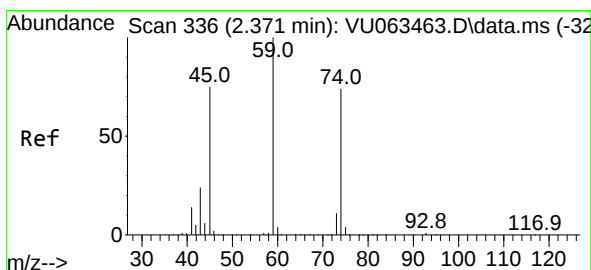
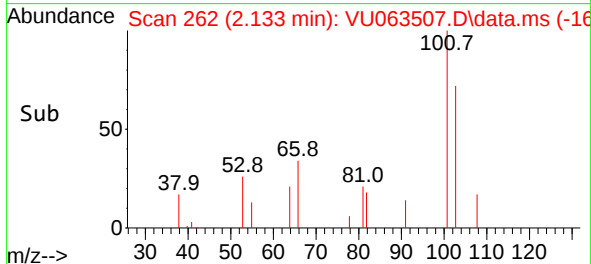
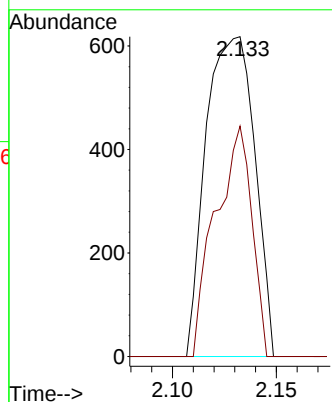
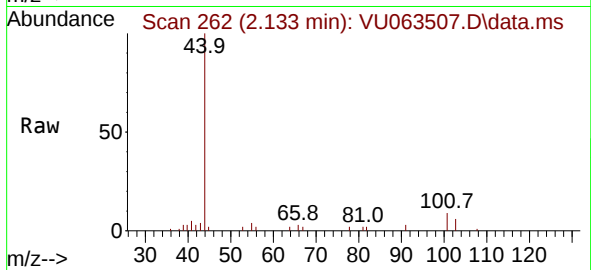




#7
 Trichlorofluoromethane
 Concen: 0.614 ug/l
 RT: 2.133 min Scan# 210
 Delta R.T. 0.007 min
 Lab File: VU063507.D
 Acq: 14 Jul 2025 14:37

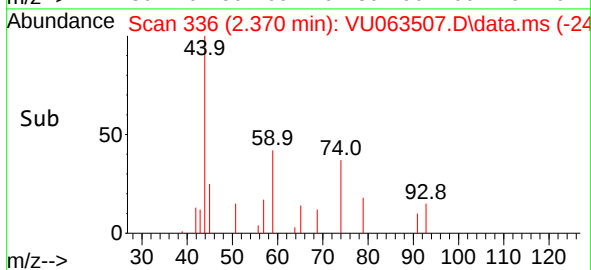
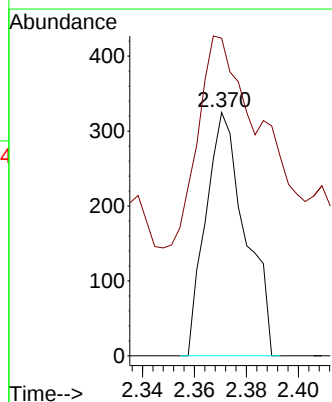
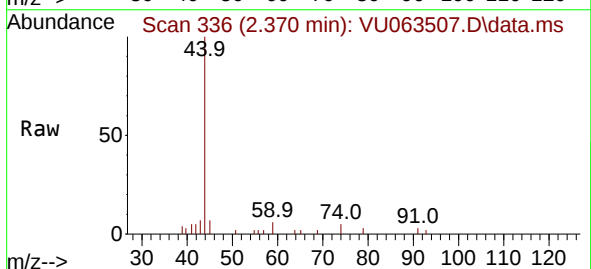
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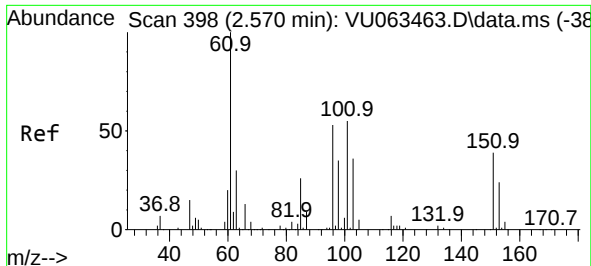
Tgt Ion:101 Resp: 1008
 Ion Ratio Lower Upper
 101 100
 103 72.0 51.1 76.7



#8
 Diethyl Ether
 Concen: 0.503 ug/l
 RT: 2.370 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VU063507.D
 Acq: 14 Jul 2025 14:37

Tgt Ion: 74 Resp: 344
 Ion Ratio Lower Upper
 74 100
 45 140.1 49.7 149.1

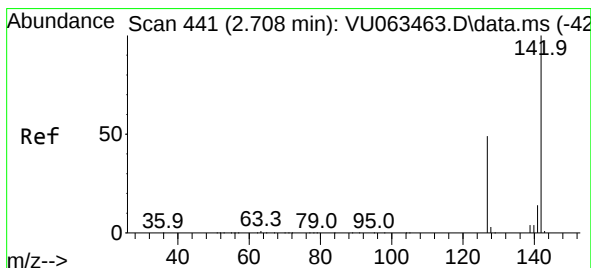
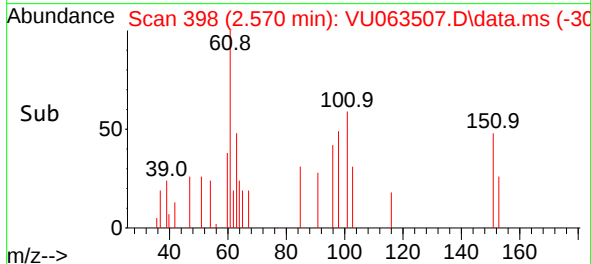
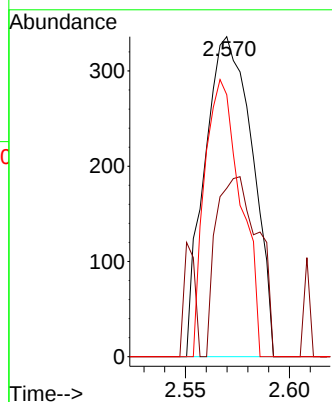
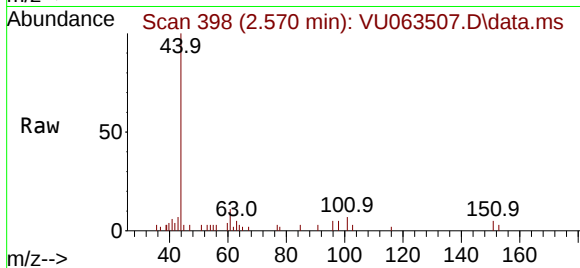




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.552 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

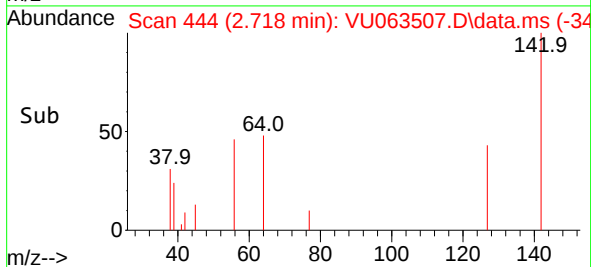
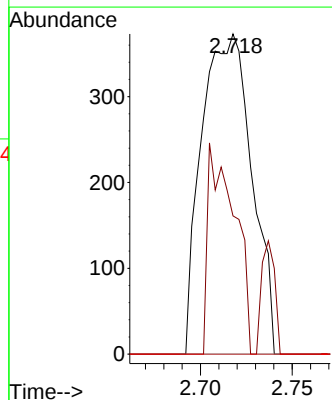
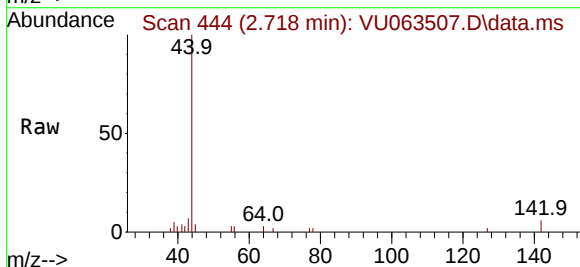
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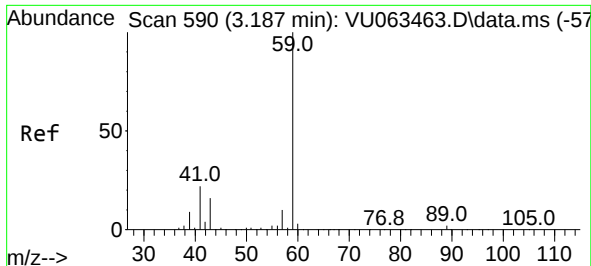
Tgt Ion:101 Resp: 536
Ion Ratio Lower Upper
101 100
85 49.6 39.6 59.4
151 65.5 57.2 85.8



#10
Methyl Iodide
Concen: 0.699 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.010 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion:142 Resp: 709
Ion Ratio Lower Upper
142 100
127 35.3 38.2 57.4#
141 0.0 11.1 16.7#

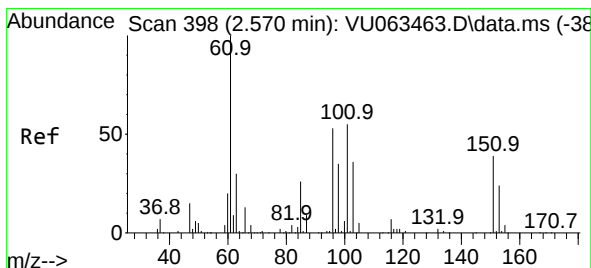
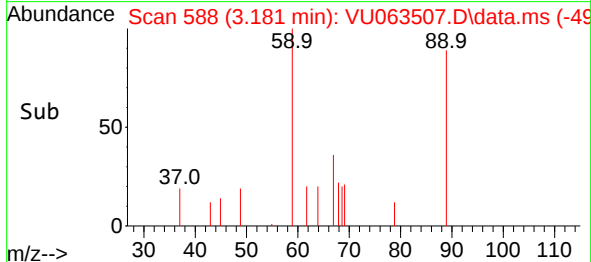
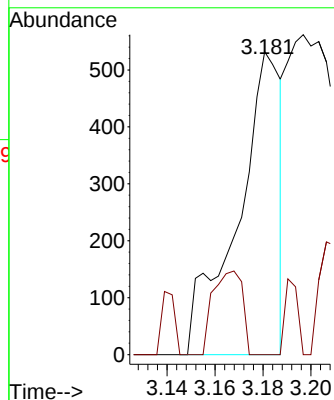
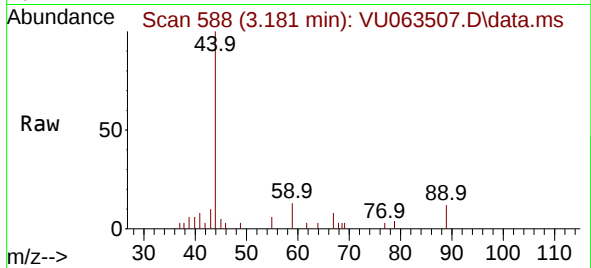




#11
Tert butyl alcohol
Concen: 1.648 ug/l
RT: 3.181 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

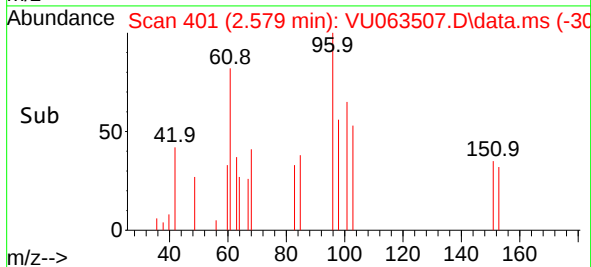
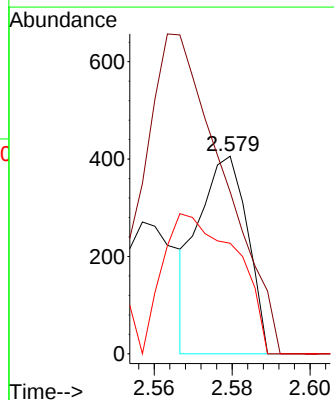
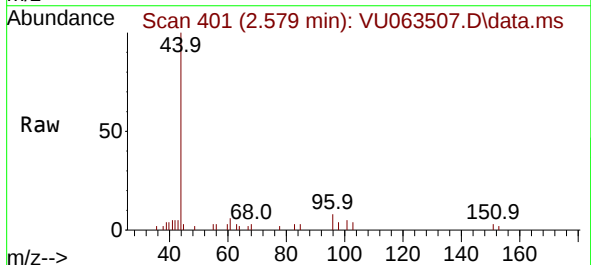
Instrument :
MSVOA_U
ClientSampleId :
MDL06

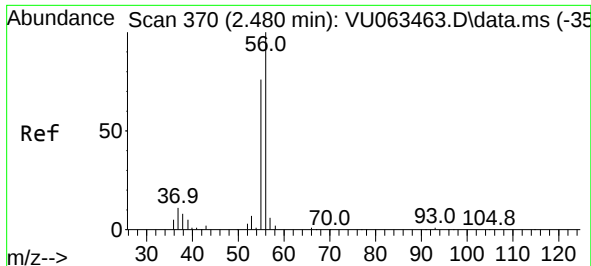
Tgt Ion: 59 Resp: 668
Ion Ratio Lower Upper
59 100
57 7.3 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 0.389 ug/l
RT: 2.579 min Scan# 401
Delta R.T. 0.010 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 96 Resp: 352
Ion Ratio Lower Upper
96 100
61 82.0 149.6 224.4#
98 55.9 52.0 78.0

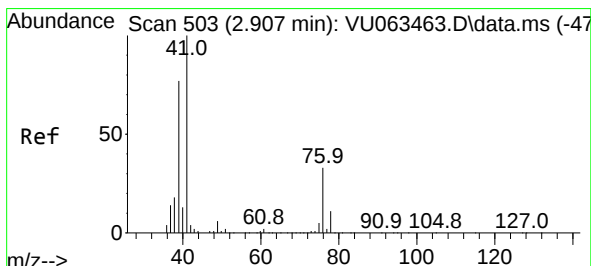
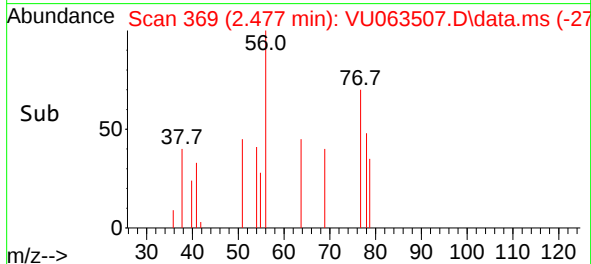
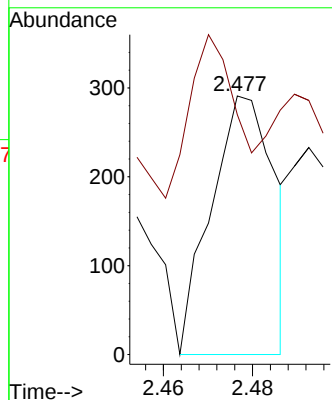
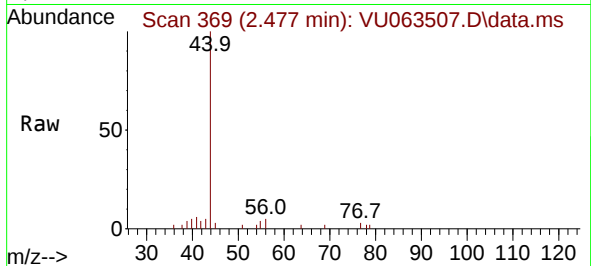




#13
Acrolein
Concen: 4.980 ug/l
RT: 2.477 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

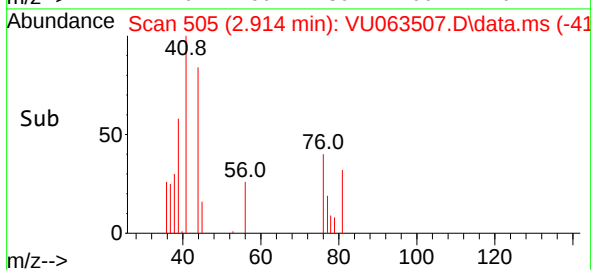
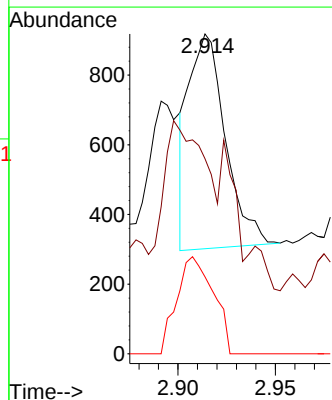
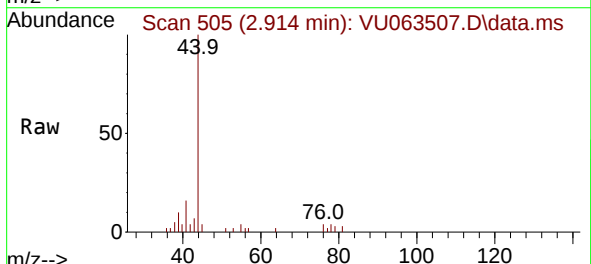
Instrument :
MSVOA_U
ClientSampleId :
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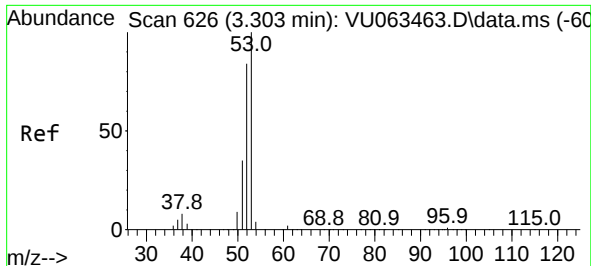
Tgt Ion: 56 Resp: 285
Ion Ratio Lower Upper
56 100
55 45.3 60.2 90.2#



#14
Allyl chloride
Concen: 0.378 ug/l
RT: 2.914 min Scan# 505
Delta R.T. 0.006 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 41 Resp: 814
Ion Ratio Lower Upper
41 100
39 0.0 53.9 80.9#
76 44.7 23.1 34.7#

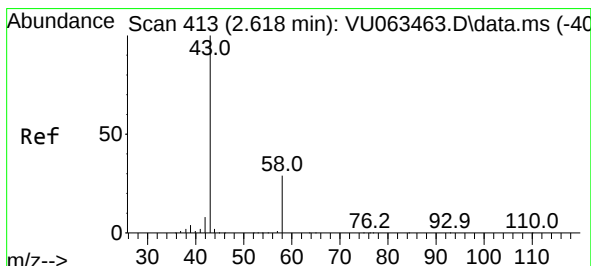
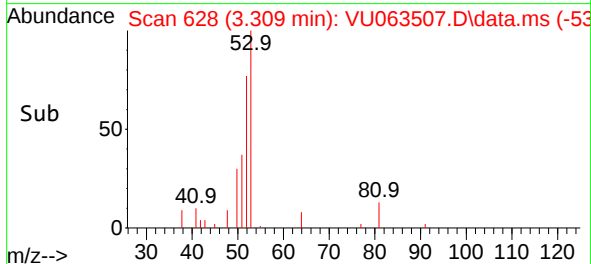
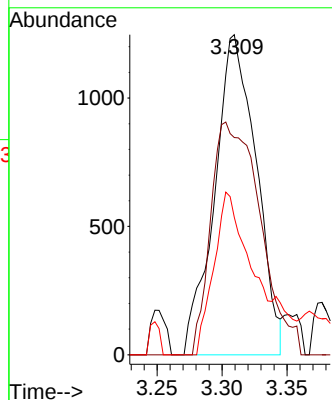
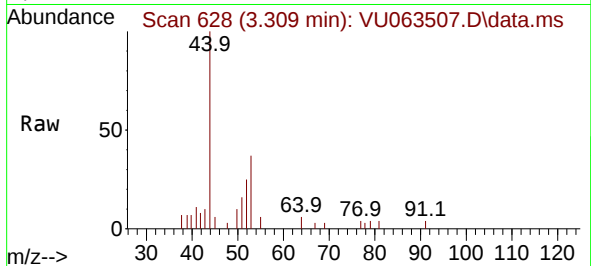




#15
Acrylonitrile
Concen: 3.195 ug/l
RT: 3.309 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

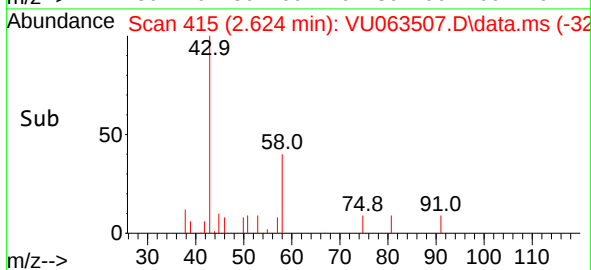
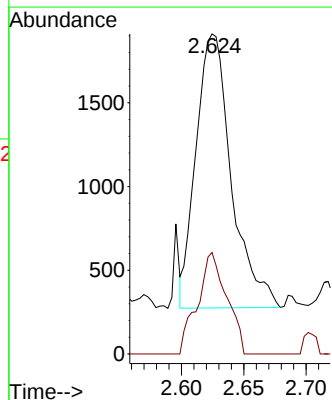
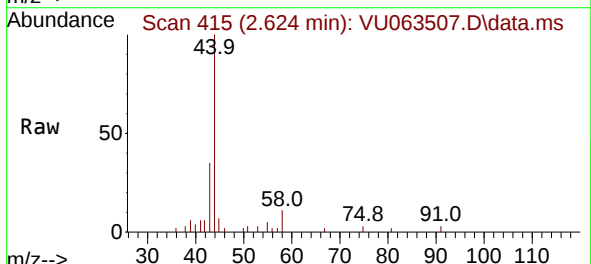
Instrument :
MSVOA_U
ClientSampleId :
MDL06

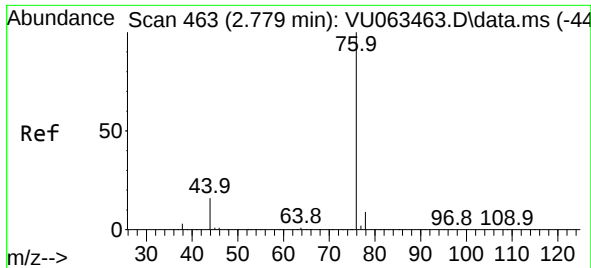
Tgt Ion: 53 Resp: 2775
Ion Ratio Lower Upper
53 100
52 86.5 65.0 97.4
51 52.6 28.8 43.2#



#16
Acetone
Concen: 3.185 ug/l
RT: 2.624 min Scan# 415
Delta R.T. 0.006 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 43 Resp: 3231
Ion Ratio Lower Upper
43 100
58 37.1 23.1 34.7#

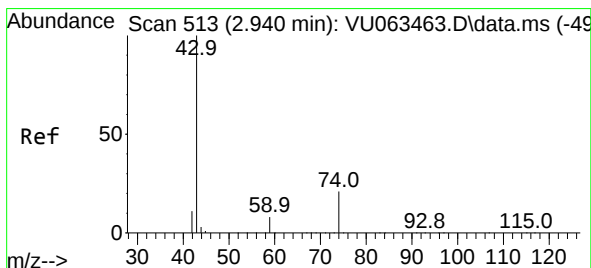
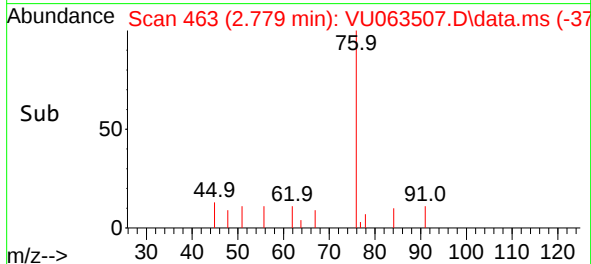
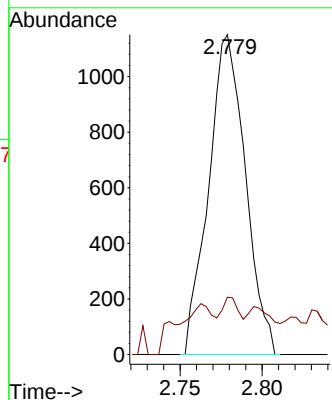
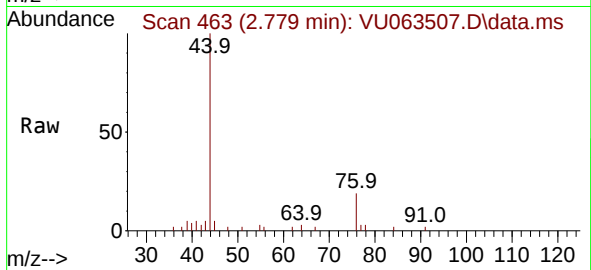




#17
Carbon Disulfide
Concen: 0.829 ug/l
RT: 2.779 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

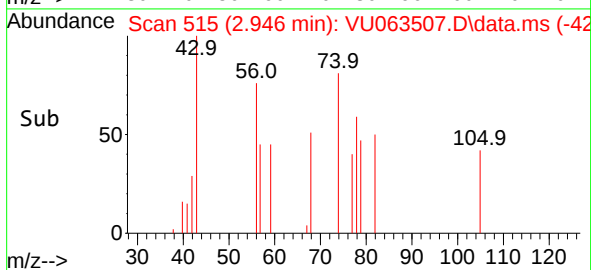
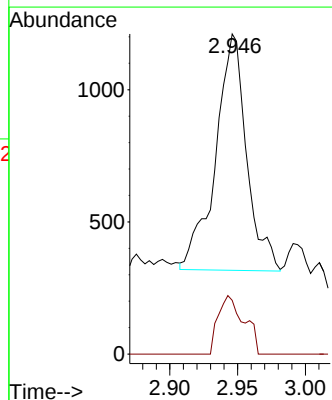
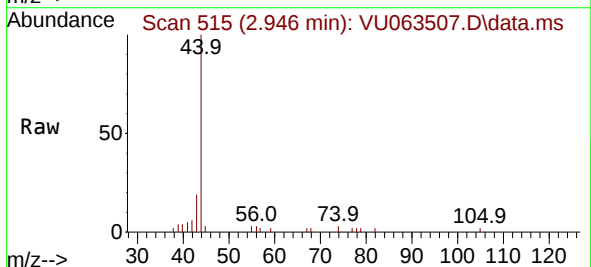
Instrument :
MSVOA_U
ClientSampleId :
MDL06

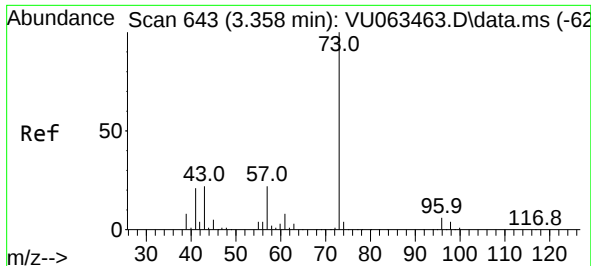
Tgt Ion: 76 Resp: 1793
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 0.547 ug/l
RT: 2.946 min Scan# 515
Delta R.T. 0.006 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 43 Resp: 1428
Ion Ratio Lower Upper
43 100
74 20.4 17.3 25.9

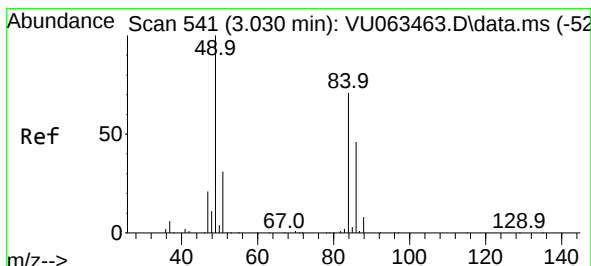
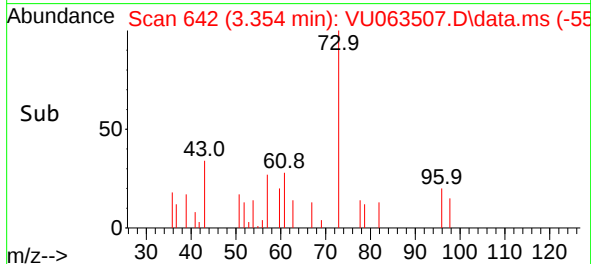
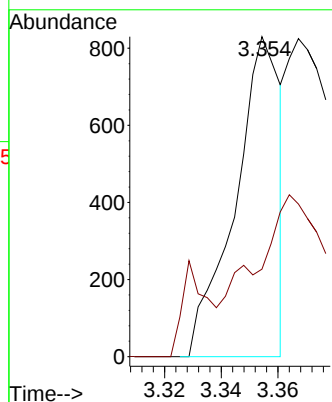
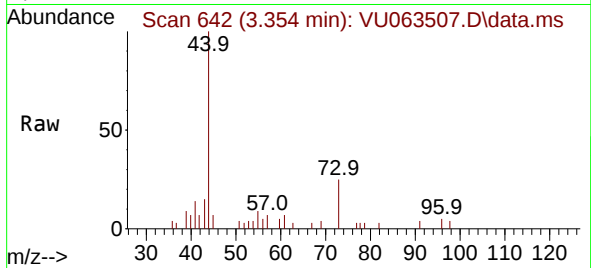




#19
Methyl tert-butyl Ether
Concen: 0.234 ug/l
RT: 3.354 min Scan# 64
Delta R.T. -0.004 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

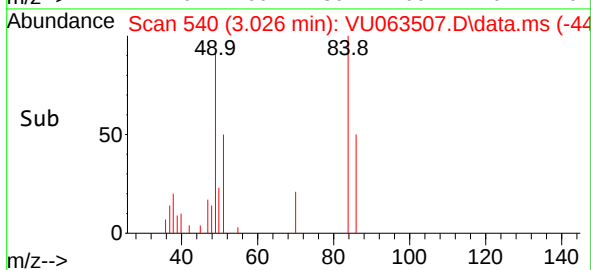
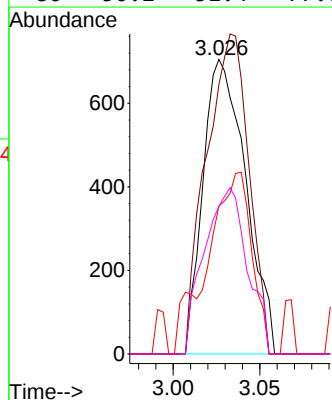
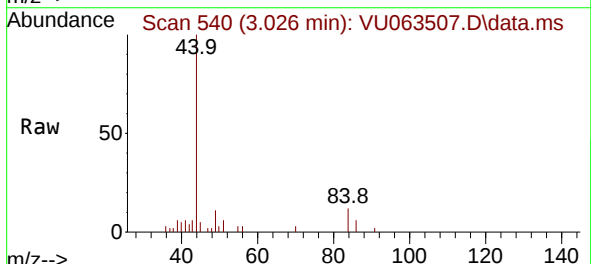
Instrument :
MSVOA_U
ClientSampleId :
MDL06

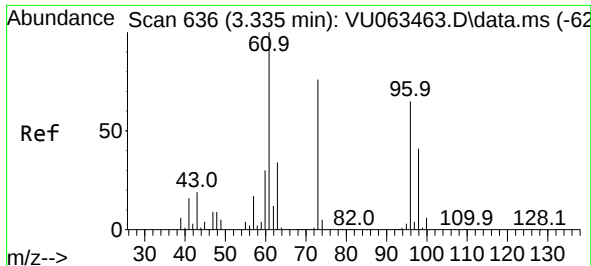
Tgt Ion: 73 Resp: 914
Ion Ratio Lower Upper
73 100
57 14.9 17.8 26.6#



#20
Methylene Chloride
Concen: 0.815 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 84 Resp: 1206
Ion Ratio Lower Upper
84 100
49 91.5 112.1 168.1#
51 50.2 34.4 51.6
86 50.2 51.4 77.0#

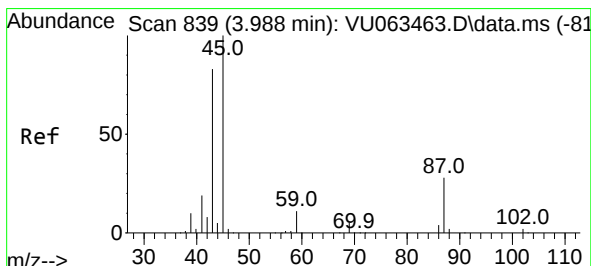
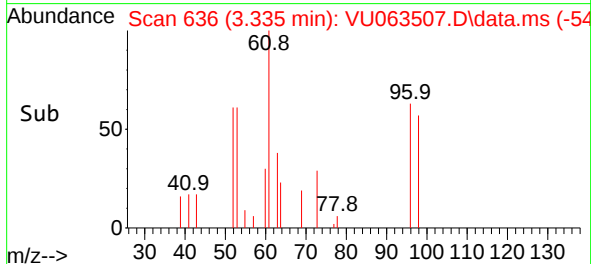
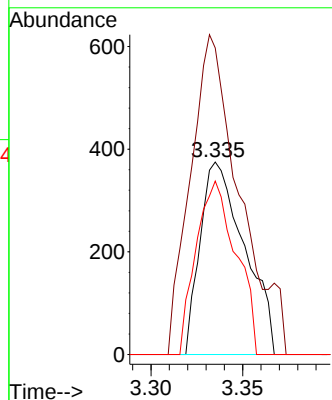
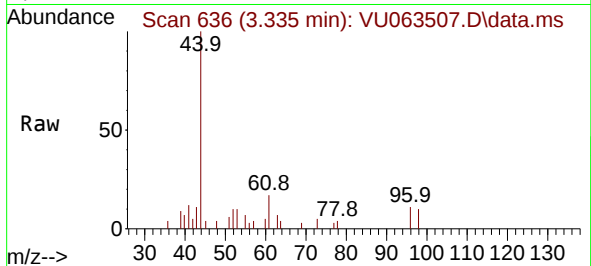




#21
trans-1,2-Dichloroethene
Concen: 0.649 ug/l
RT: 3.335 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

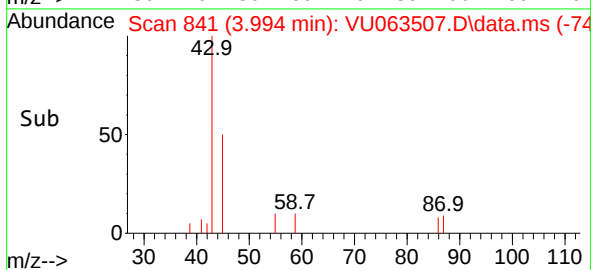
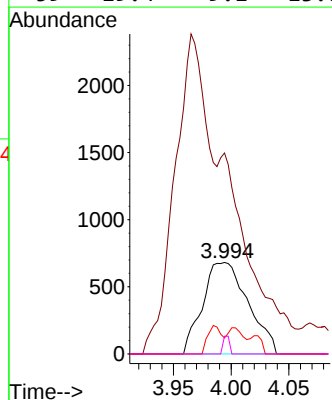
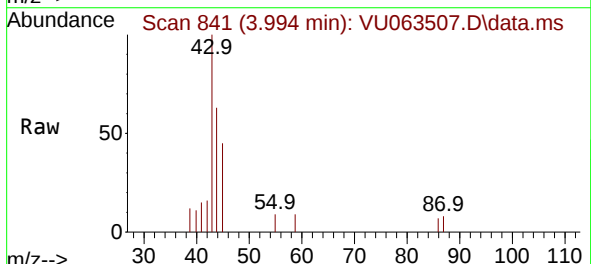
Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 96 Resp: 630
Ion Ratio Lower Upper
96 100
61 125.1 122.2 183.4
98 90.1 49.9 74.9#



#22
Diisopropyl ether
Concen: 0.509 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.006 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 45 Resp: 1864
Ion Ratio Lower Upper
45 100
43 175.9 66.5 99.7#
87 17.5 22.6 33.8#
59 19.4 9.1 13.7#

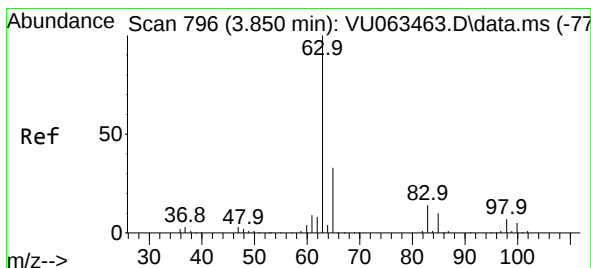
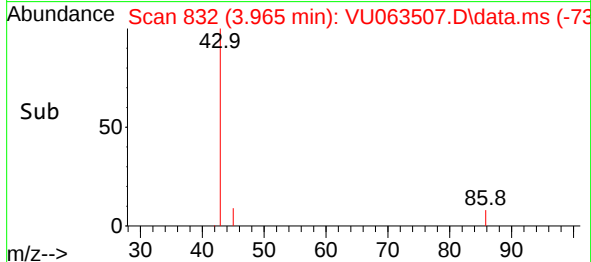
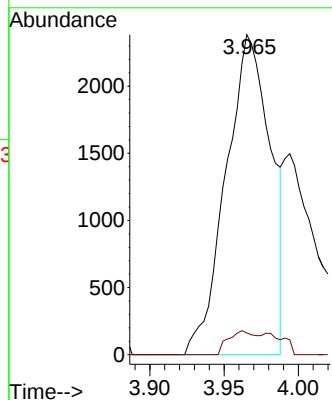
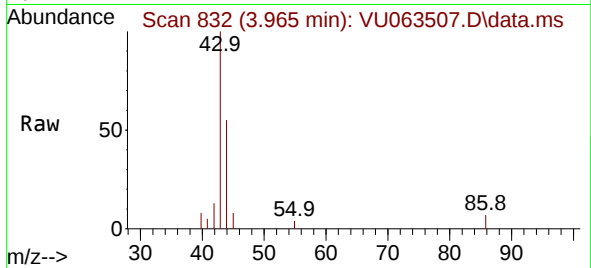




#23
 Vinyl Acetate
 Concen: 1.754 ug/l
 RT: 3.965 min Scan# 81
 Delta R.T. 0.019 min
 Lab File: VU063507.D
 Acq: 14 Jul 2025 14:37

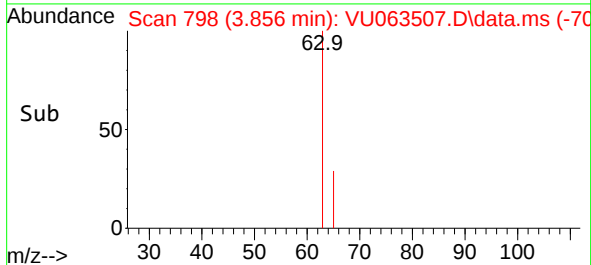
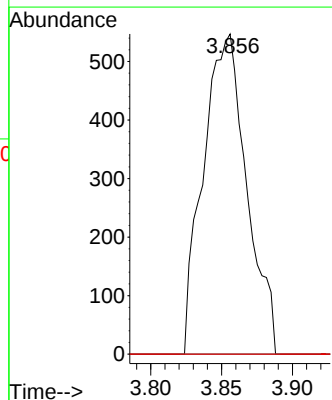
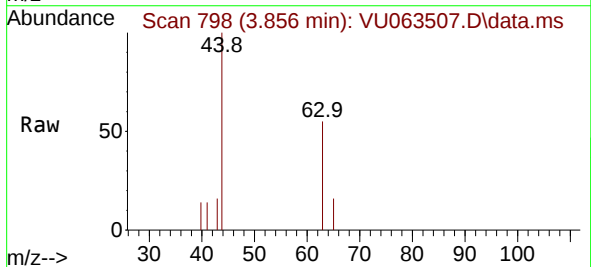
Instrument :
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 ClientSampleId :
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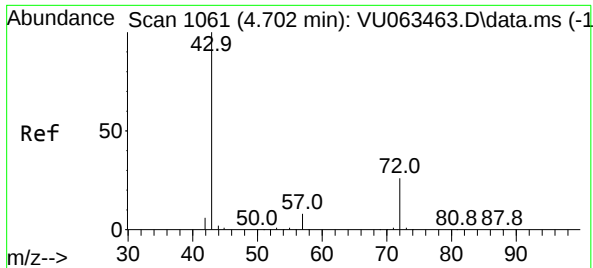
Tgt Ion: 43 Resp: 4987
 Ion Ratio Lower Upper
 43 100
 86 6.8 8.2 12.2#



#24
 1,1-Dichloroethane
 Concen: 0.562 ug/l
 RT: 3.856 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VU063507.D
 Acq: 14 Jul 2025 14:37

Tgt Ion: 63 Resp: 1168
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 0.041 ug/l

RT: 4.705 min Scan# 1061

Delta R.T. 0.003 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

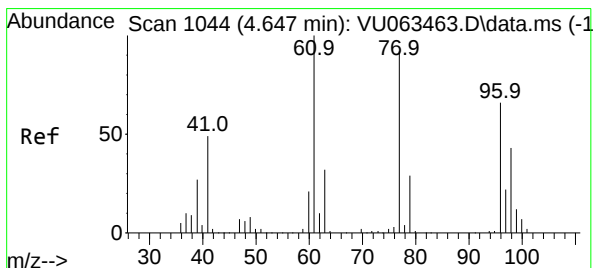
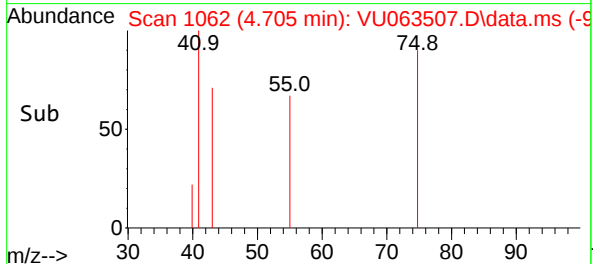
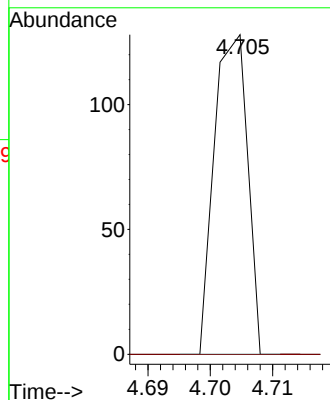
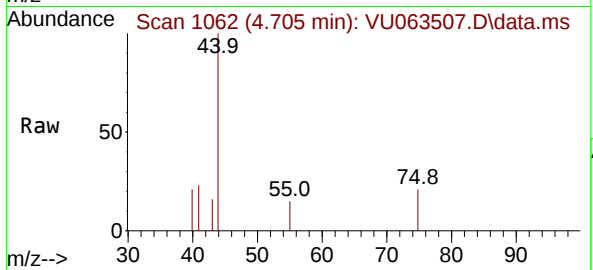
MDL06

Tgt Ion: 43 Resp: 47

Ion Ratio Lower Upper

43 100

72 0.0 20.7 31.1#



#26

2,2-Dichloropropane

Concen: 0.442 ug/l

RT: 4.657 min Scan# 1047

Delta R.T. 0.010 min

Lab File: VU063507.D

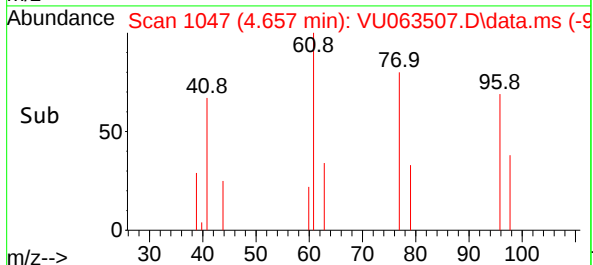
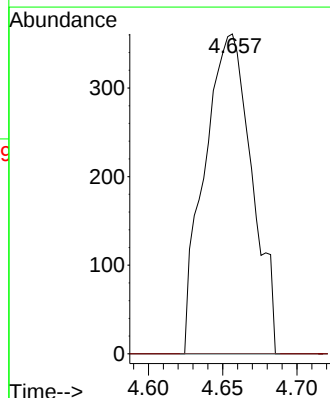
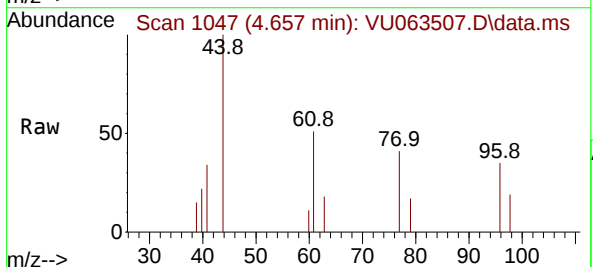
Acq: 14 Jul 2025 14:37

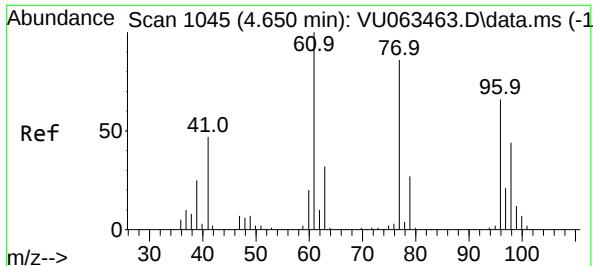
Tgt Ion: 77 Resp: 800

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.3#

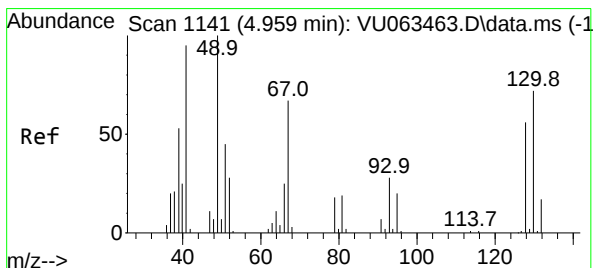
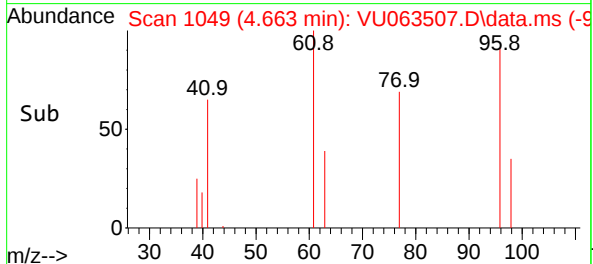
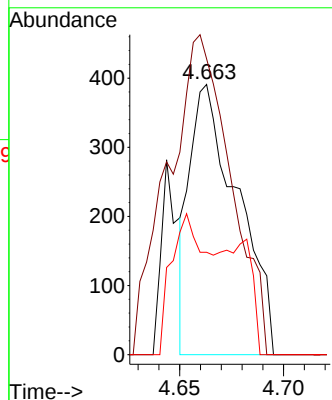
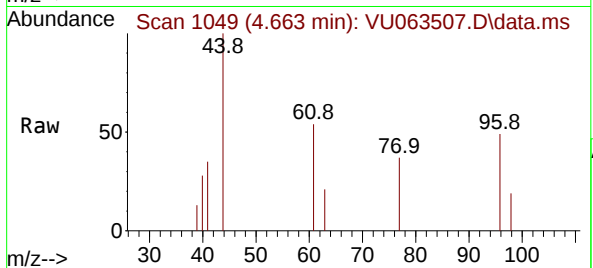




#27
 cis-1,2-Dichloroethene
 Concen: 0.491 ug/l
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.013 min
 Lab File: VU063507.D
 Acq: 14 Jul 2025 14:37

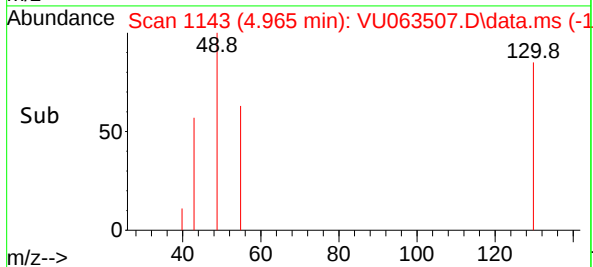
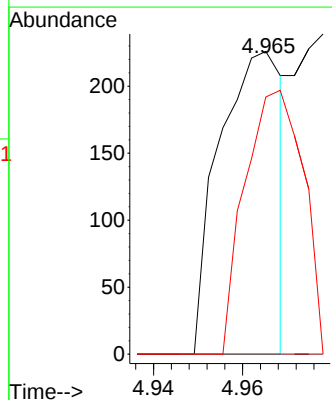
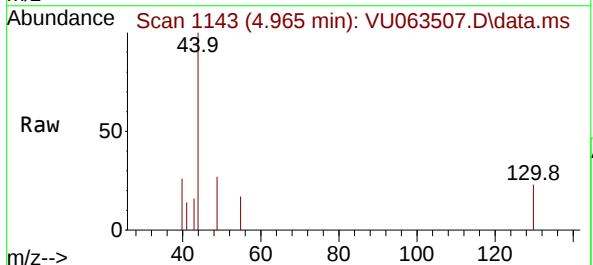
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 MDL06

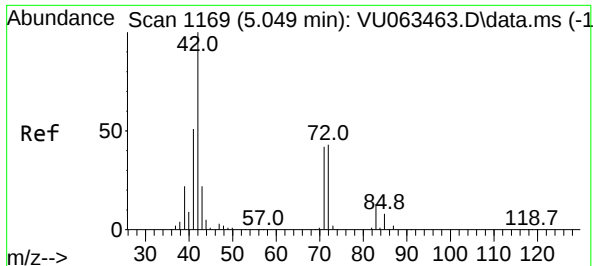
Tgt Ion: 96 Resp: 629
 Ion Ratio Lower Upper
 96 100
 61 155.3 0.0 307.2
 98 38.5 0.0 133.0



#28
 Bromochloromethane
 Concen: 0.226 ug/l
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VU063507.D
 Acq: 14 Jul 2025 14:37

Tgt Ion: 49 Resp: 221
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 81.0 59.0 88.4

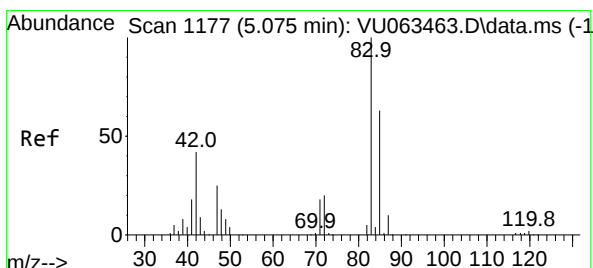
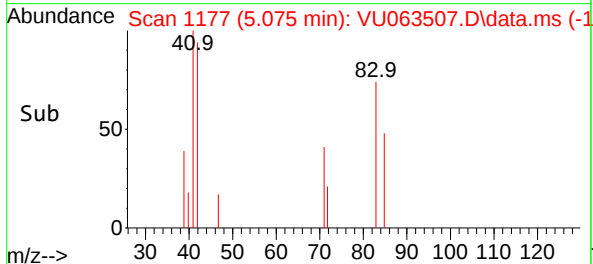
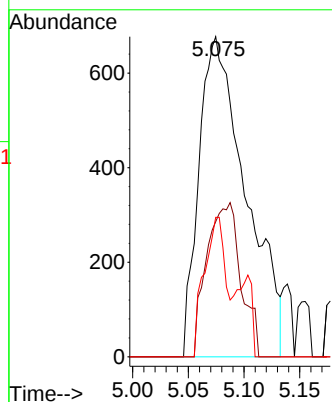
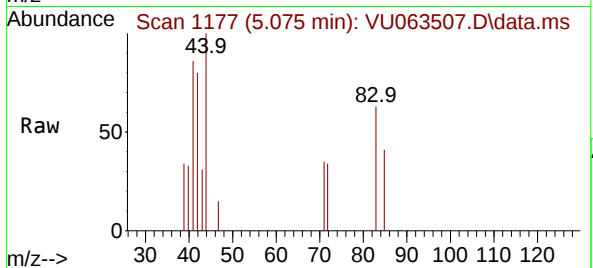




#29
Tetrahydrofuran
Concen: 2.765 ug/l
RT: 5.075 min Scan# 1169
Delta R.T. 0.026 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

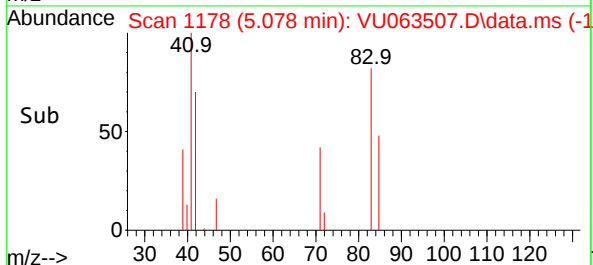
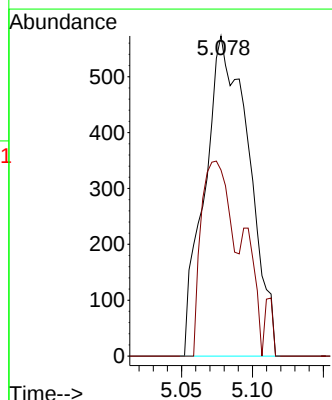
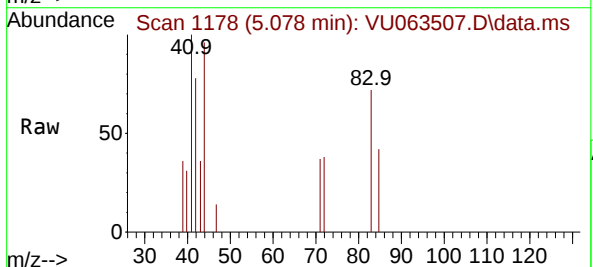
Instrument :
MSVOA_U
ClientSampleId :
MDL06

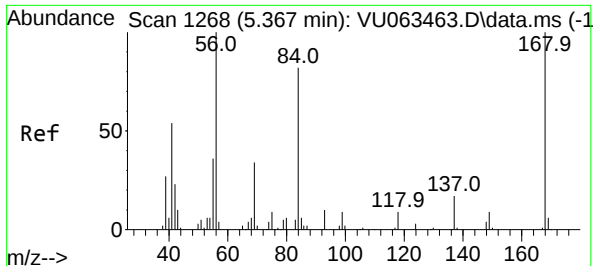
Tgt Ion:	42	Resp:	1986
Ion Ratio	Lower	Upper	
42	100		
72	34.9	36.2	54.4#
71	19.7	33.3	49.9#



#30
Chloroform
Concen: 0.566 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion:	83	Resp:	1242
Ion Ratio	Lower	Upper	
83	100		
85	58.1	50.7	76.1

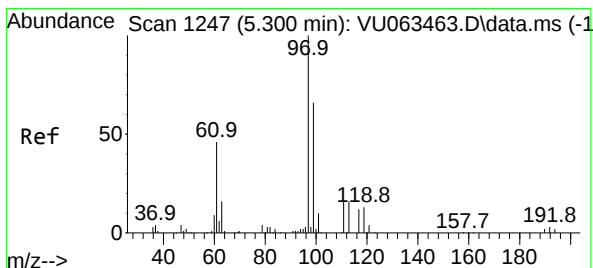
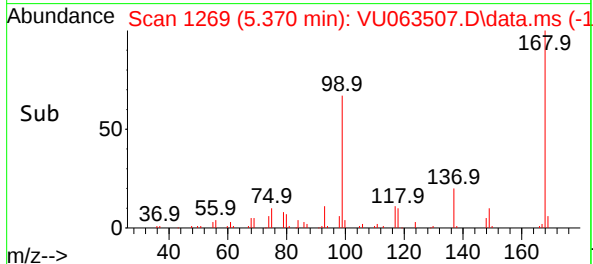
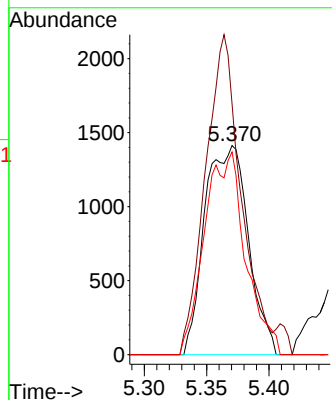
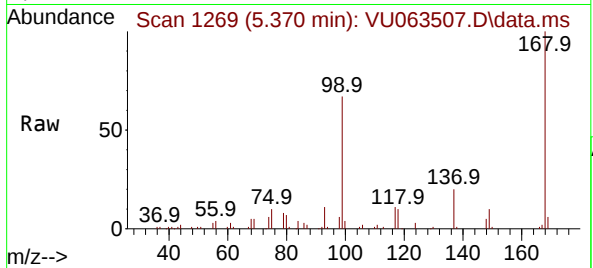




#31
Cyclohexane
Concen: 2.054 ug/l
RT: 5.370 min Scan# 1268
Delta R.T. 0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

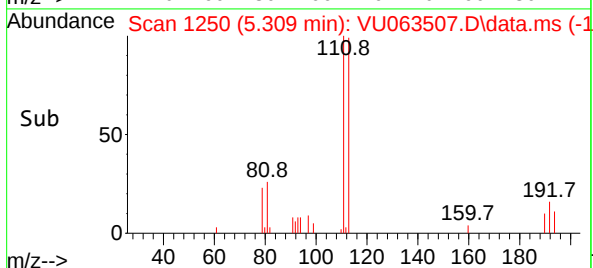
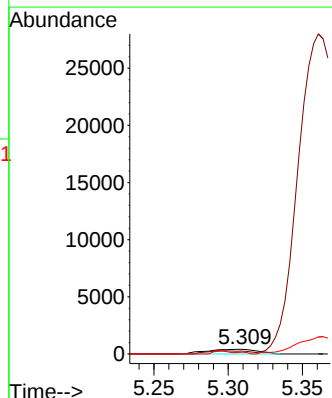
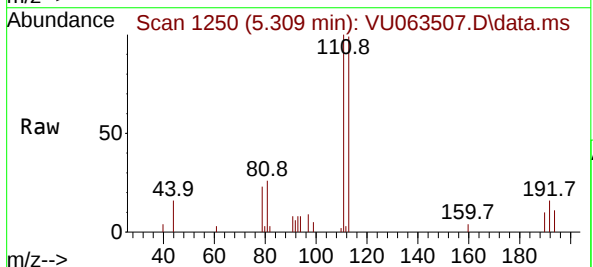
Instrument :
MSVOA_U
ClientSampleId :
MDL06

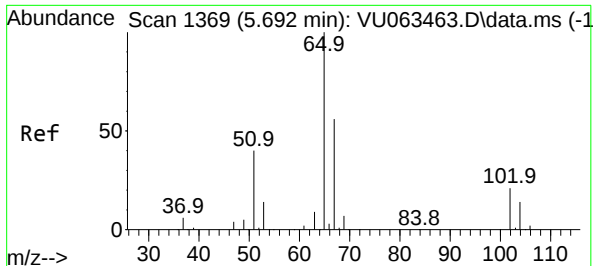
Tgt Ion: 56 Resp: 3434
Ion Ratio Lower Upper
56 100
69 120.0 27.0 40.4#
84 97.0 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 0.521 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.010 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 97 Resp: 974
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 26.9 36.3 54.5#





#33

1,2-Dichloroethane-d4

Concen: 56.951 ug/l

RT: 5.692 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

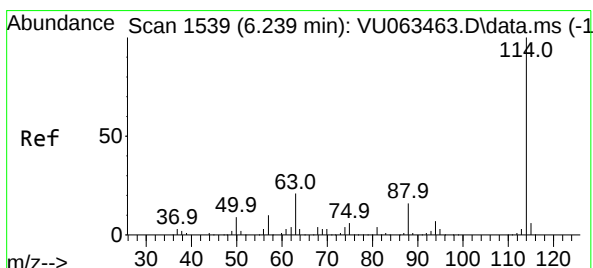
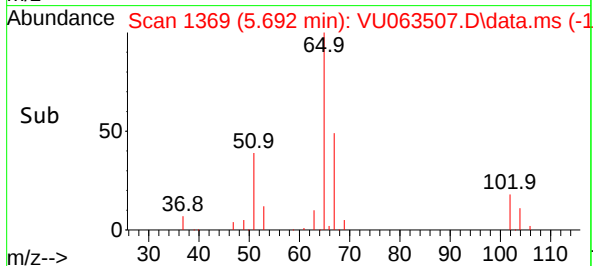
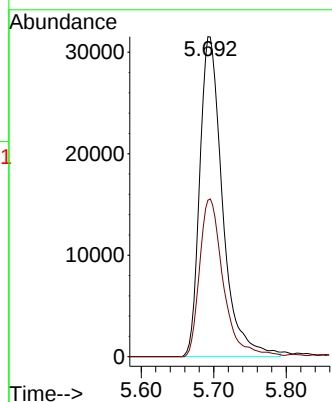
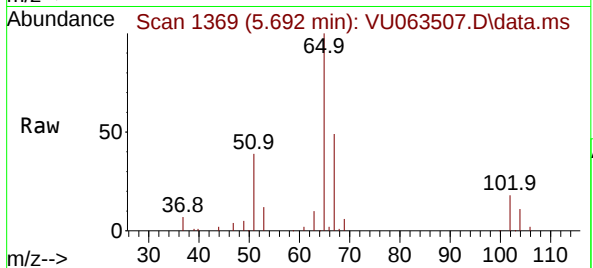
MDL06

Tgt Ion: 65 Resp: 68867

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.242 min Scan# 1540

Delta R.T. 0.003 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

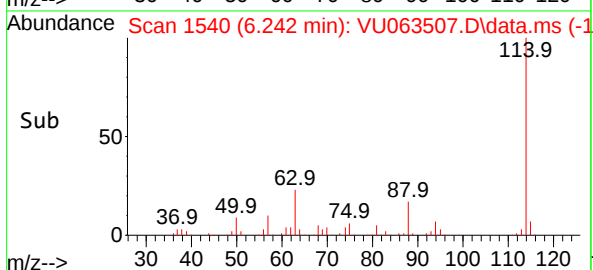
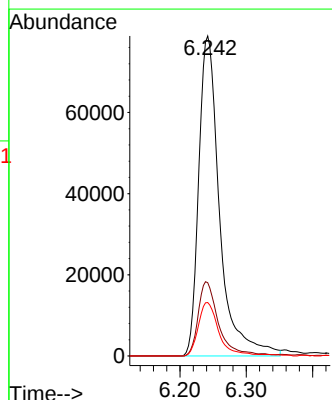
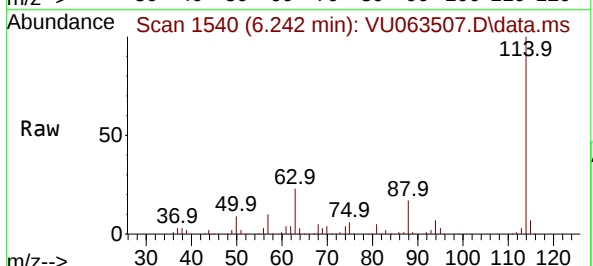
Tgt Ion: 114 Resp: 172684

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.6

88 16.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.451 ug/l

RT: 5.280 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL06

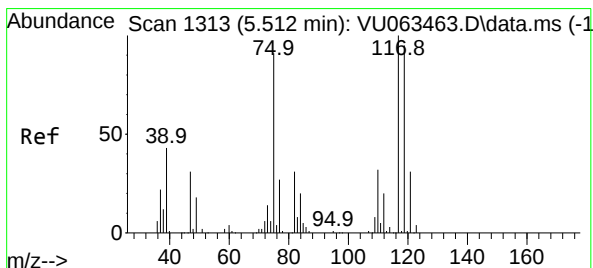
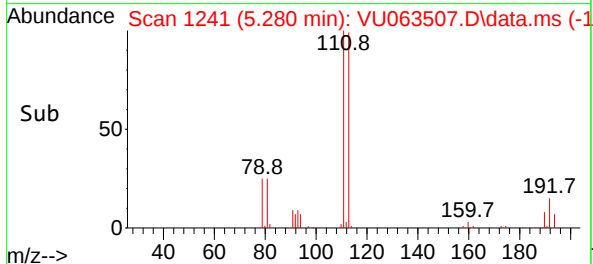
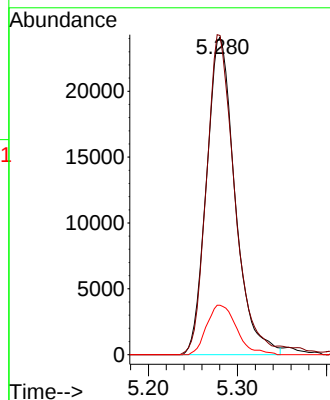
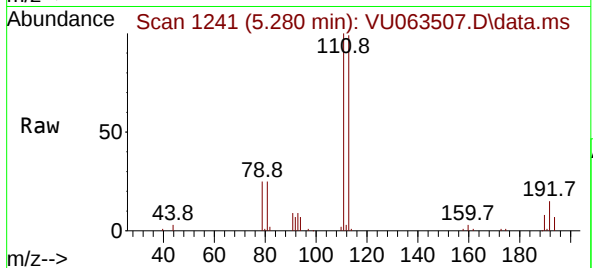
Tgt Ion:113 Resp: 53556

Ion Ratio Lower Upper

113 100

111 101.5 82.1 123.1

192 16.5 14.3 21.5



#36

1,1-Dichloropropene

Concen: 0.581 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

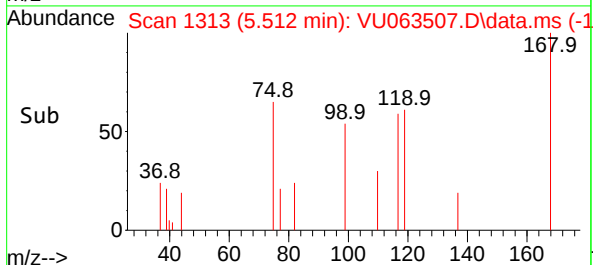
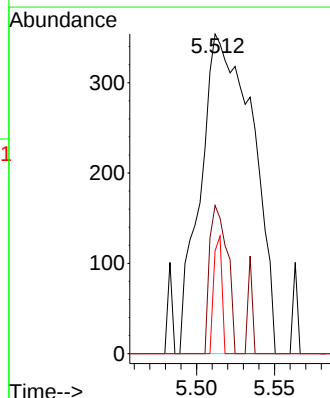
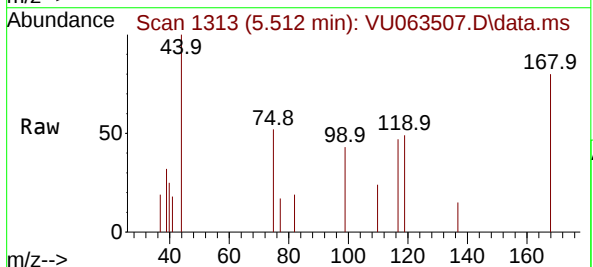
Tgt Ion: 75 Resp: 822

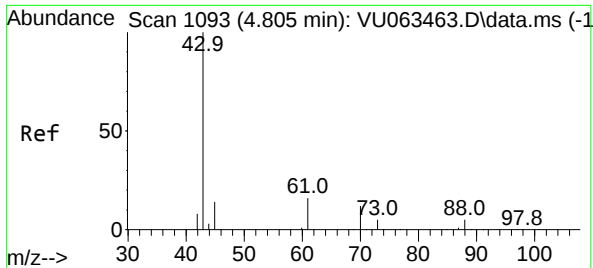
Ion Ratio Lower Upper

75 100

110 15.6 17.3 52.0#

77 5.7 23.9 35.9#

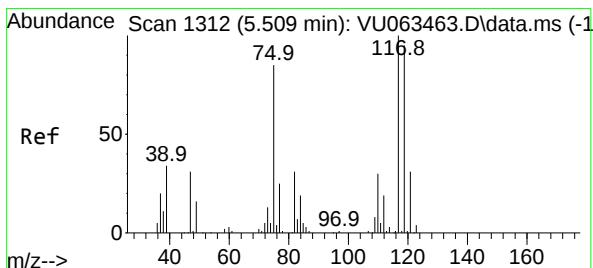
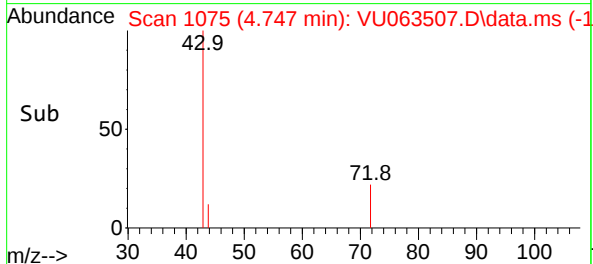
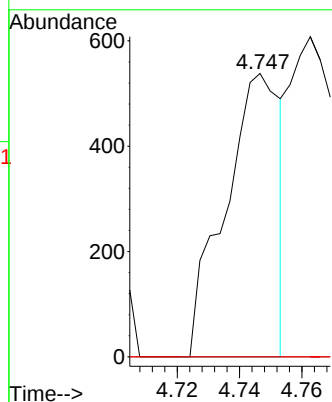
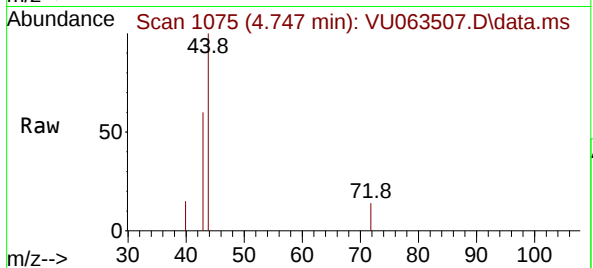




#37
Ethyl Acetate
Concen: 0.288 ug/l
RT: 4.747 min Scan# 1093
Delta R.T. -0.058 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

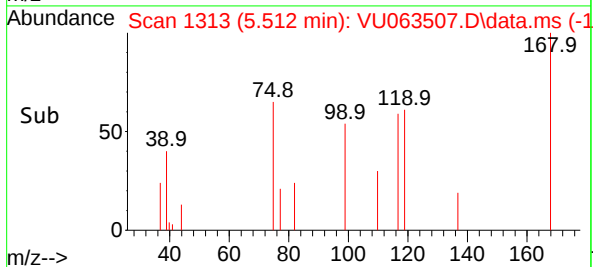
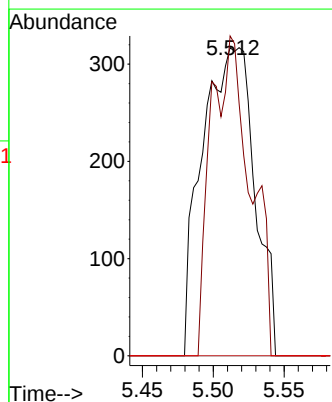
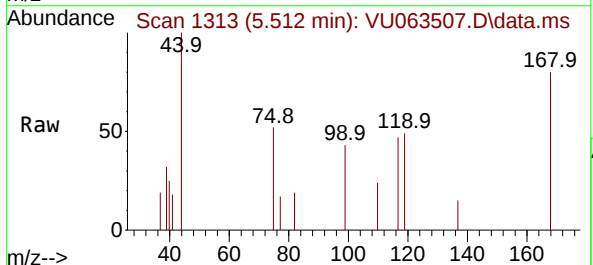
Instrument :
MSVOA_U
ClientSampleId :
MDL06

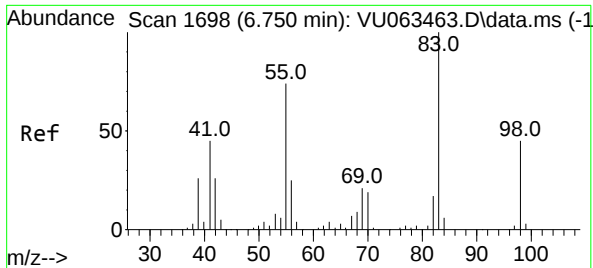
Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 0.527 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 117 Resp: 821
Ion Ratio Lower Upper
117 100
119 103.8 76.1 114.1
121 0.0 25.0 37.4#





#39

Methylcyclohexane

Concen: 0.532 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

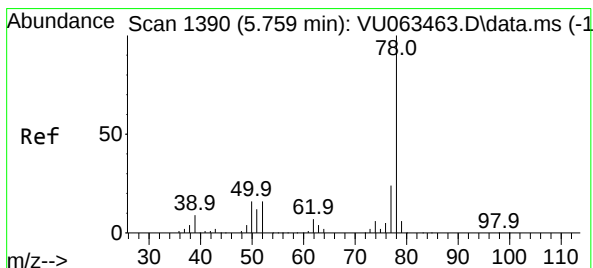
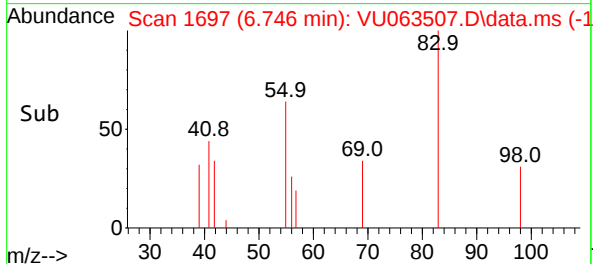
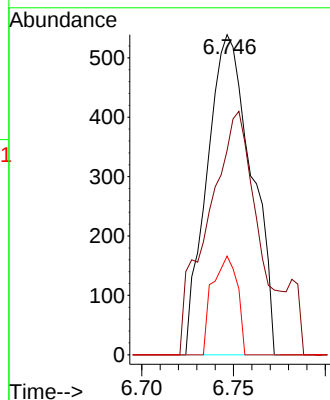
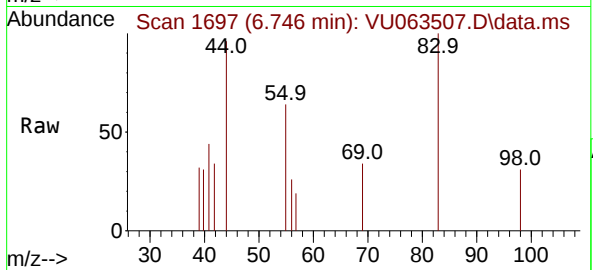
Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 83	Resp: 910
Ion Ratio	Lower Upper
83	100
55	63.8 59.4 89.2
98	30.8 36.2 54.4#



#40

Benzene

Concen: 0.572 ug/l

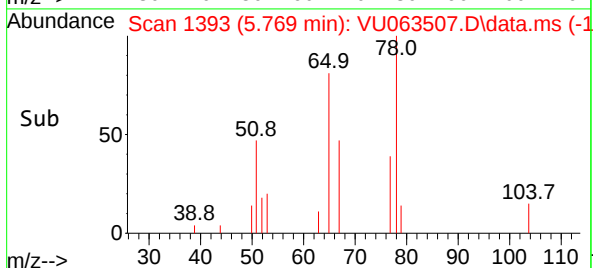
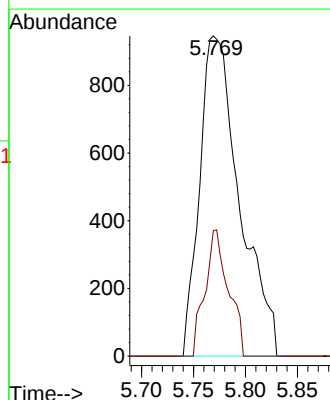
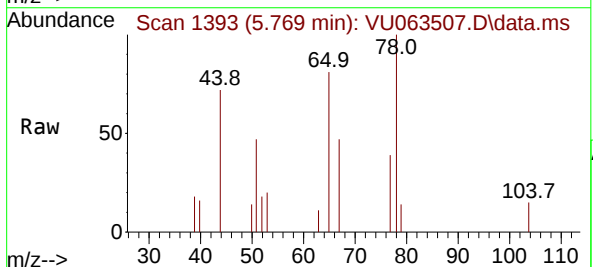
RT: 5.769 min Scan# 1393

Delta R.T. 0.010 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

Tgt Ion: 78	Resp: 2528
Ion Ratio	Lower Upper
78	100
77	39.2 19.0 28.4#

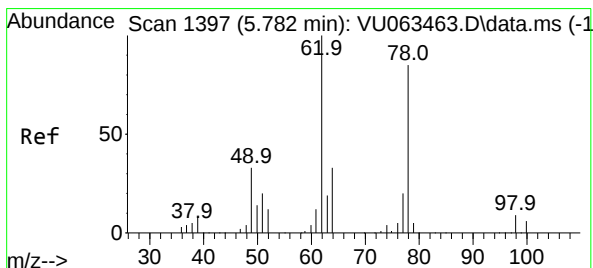
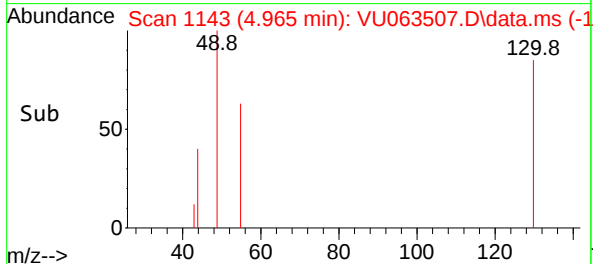
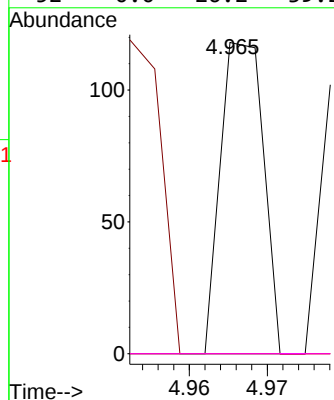
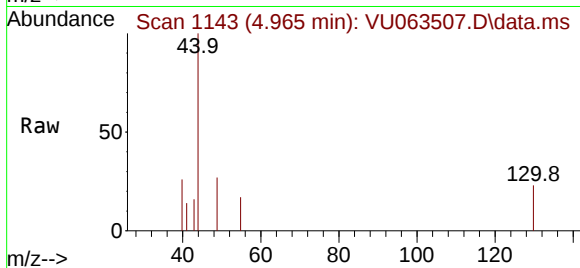




#41
Methacrylonitrile
Concen: 0.042 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

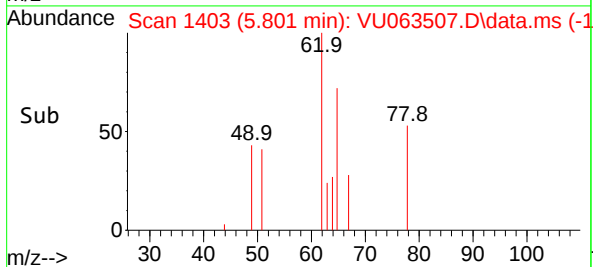
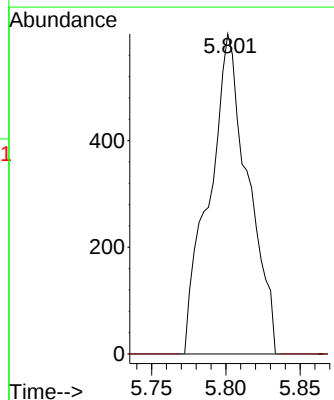
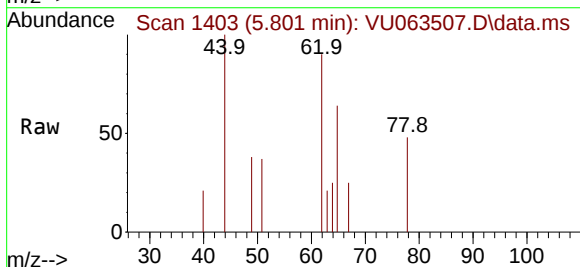
Instrument :
MSVOA_U
ClientSampleId :
MDL06

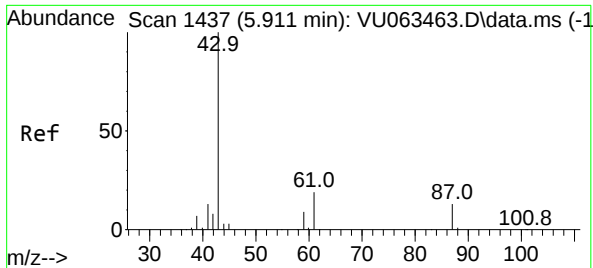
Tgt Ion:	41	Resp:	45
Ion	Ratio	Lower	Upper
41	100		
39	142.2	43.6	65.4#
67	0.0	62.8	94.2#
52	0.0	26.2	39.2#



#42
1,2-Dichloroethane
Concen: 0.656 ug/l
RT: 5.801 min Scan# 1403
Delta R.T. 0.019 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion:	62	Resp:	1090
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.6

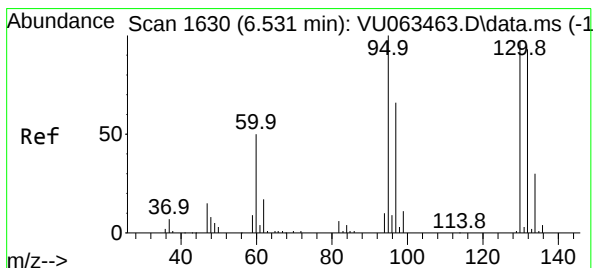
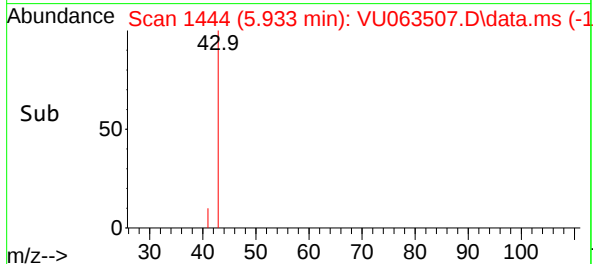
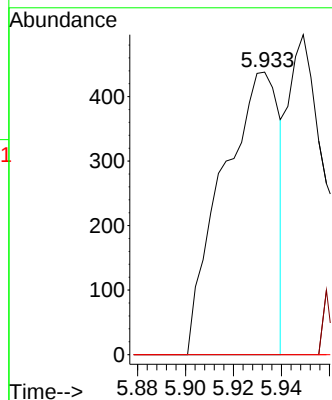
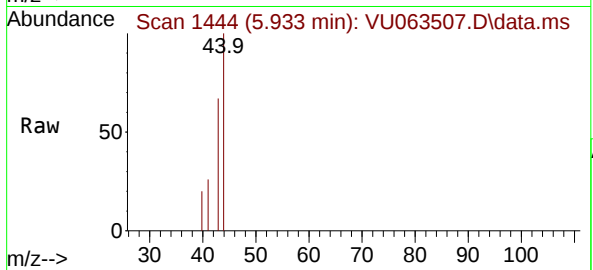




#43
Isopropyl Acetate
Concen: 0.236 ug/l
RT: 5.933 min Scan# 1437
Delta R.T. 0.022 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

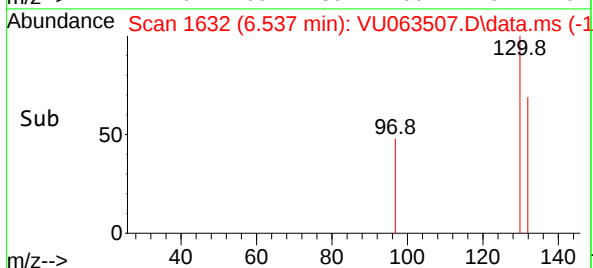
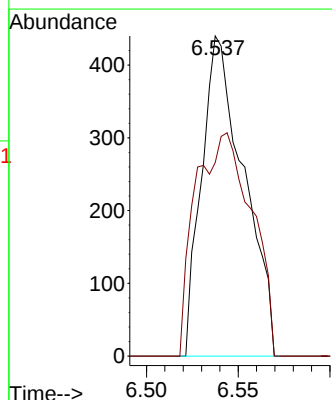
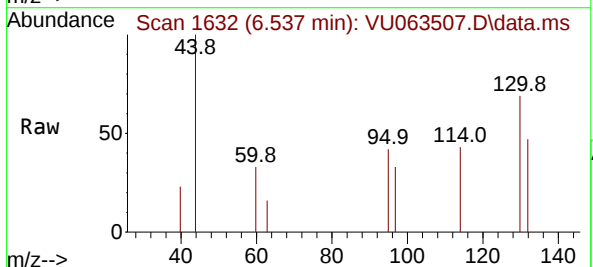
Instrument :
MSVOA_U
ClientSampleId :
MDL06

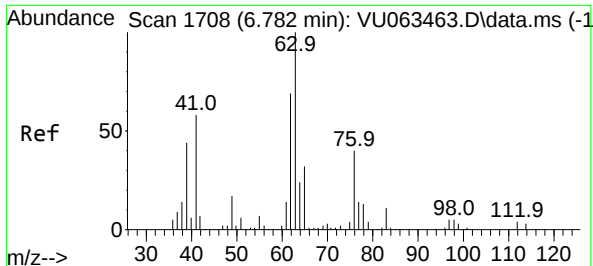
Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.2#
87 0.0 10.5 15.7#



#44
Trichloroethene
Concen: 0.595 ug/l
RT: 6.537 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion:130 Resp: 703
Ion Ratio Lower Upper
130 100
95 60.5 0.0 206.4





#45

1,2-Dichloropropane

Concen: 0.482 ug/l

RT: 6.792 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

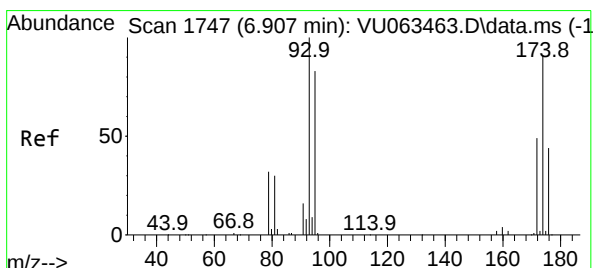
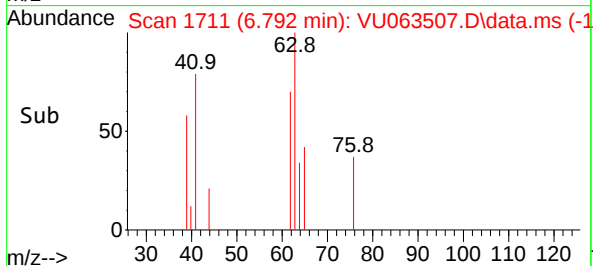
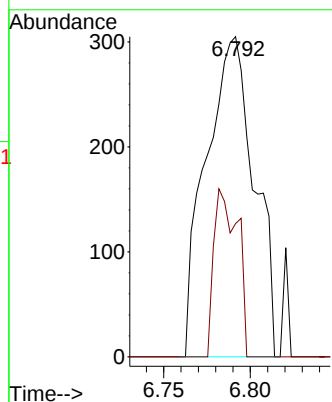
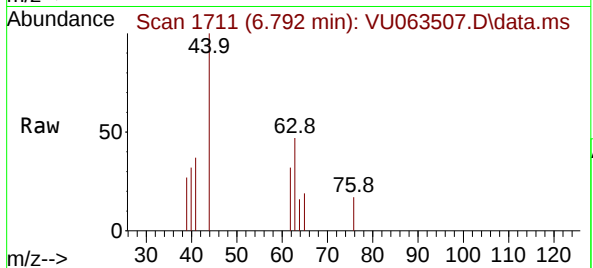
MDL06

Tgt Ion: 63 Resp: 592

Ion Ratio Lower Upper

63 100

65 41.6 25.3 37.9#



#46

Dibromomethane

Concen: 0.525 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.010 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

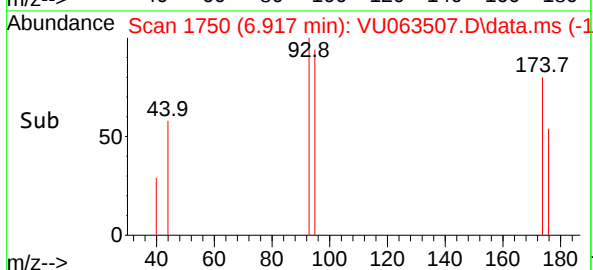
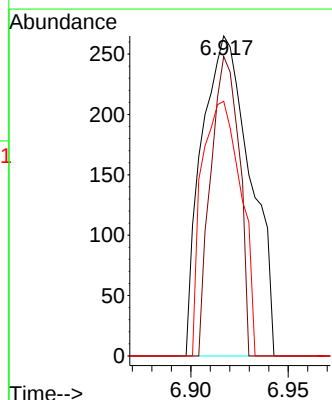
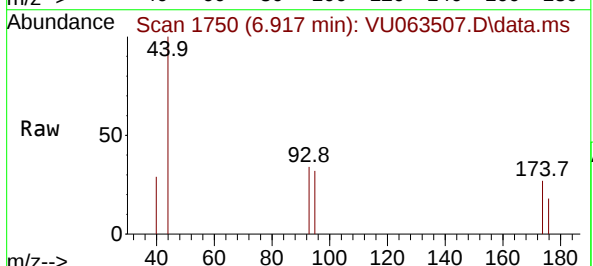
Tgt Ion: 93 Resp: 459

Ion Ratio Lower Upper

93 100

95 54.2 67.5 101.3#

174 63.6 73.1 109.7#





#47

Bromodichloromethane

Concen: 0.536 ug/l

RT: 7.097 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

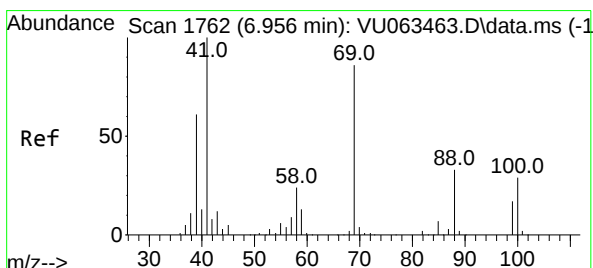
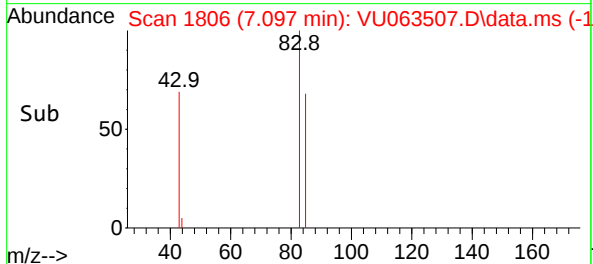
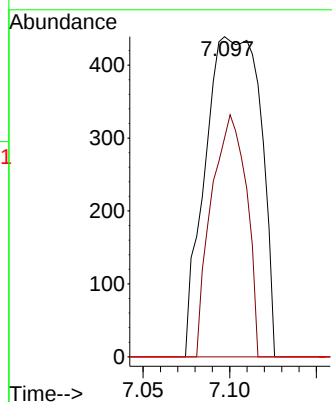
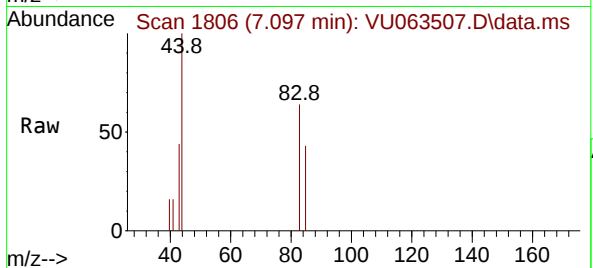
Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 83	Resp:	974
Ion	Ratio	Lower Upper
83	100	
85	68.3	51.4 77.0
127	0.0	7.0 10.4#



#48

Methyl methacrylate

Concen: 0.535 ug/l

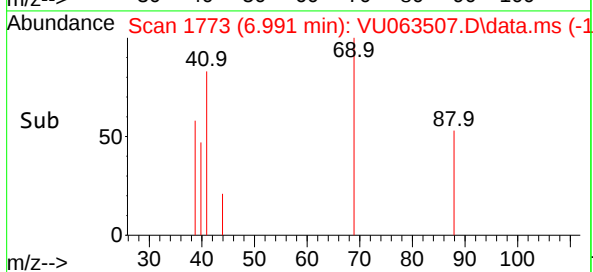
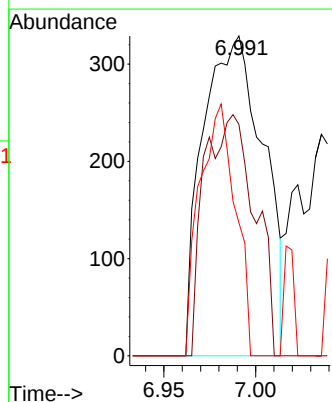
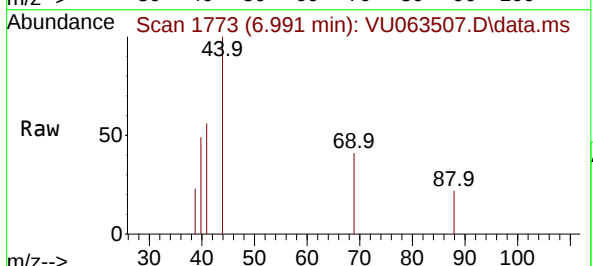
RT: 6.991 min Scan# 1773

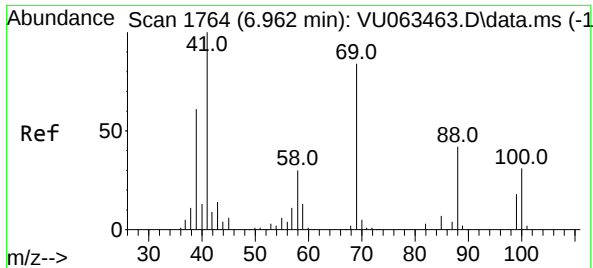
Delta R.T. 0.035 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

Tgt Ion: 41	Resp:	753
Ion	Ratio	Lower Upper
41	100	
69	19.7	69.8 104.8#
39	46.5	48.3 72.5#

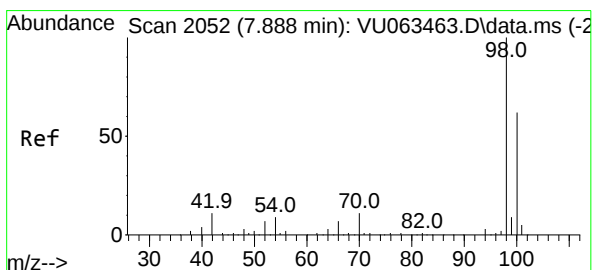
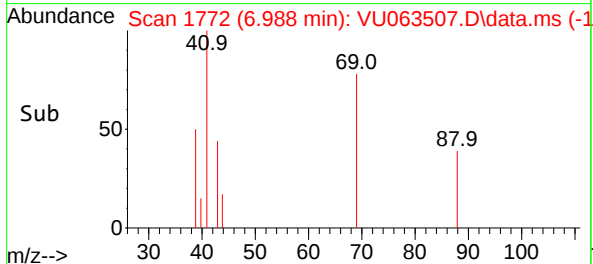
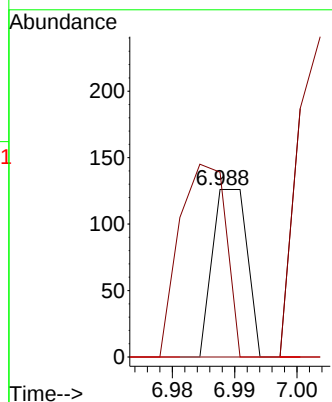
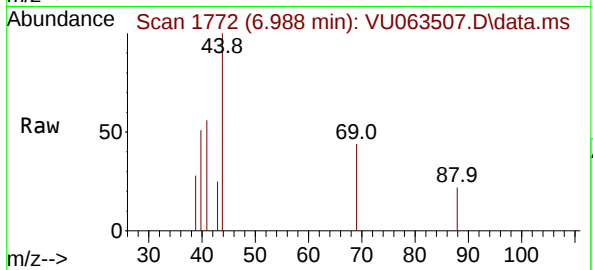




#49
1,4-Dioxane
Concen: 1.588 ug/l
RT: 6.988 min Scan# 1772
Delta R.T. 0.026 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

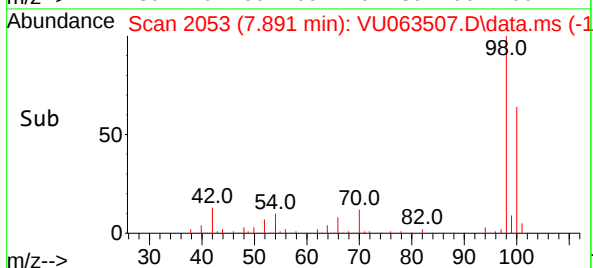
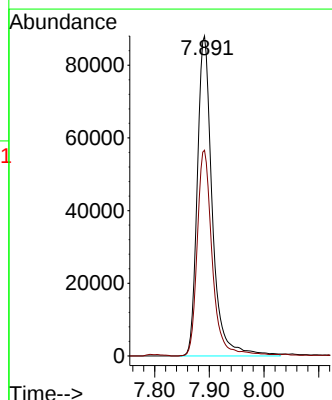
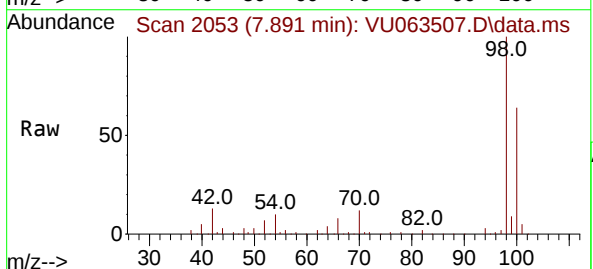
Instrument :
MSVOA_U
ClientSampleId :
MDL06

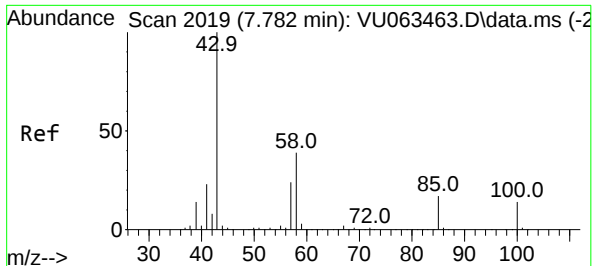
Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
43 153.1 25.6 38.4#
58 0.0 55.0 82.6#



#50
Toluene-d8
Concen: 49.336 ug/l
RT: 7.891 min Scan# 2053
Delta R.T. 0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 98 Resp: 167400
Ion Ratio Lower Upper
98 100
100 64.8 48.1 72.1

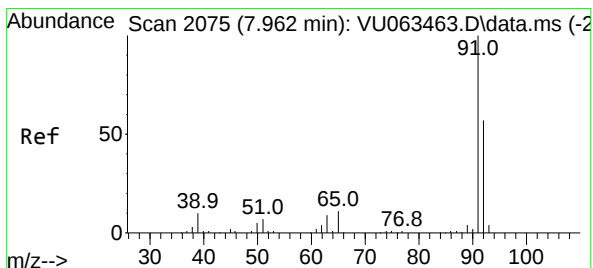
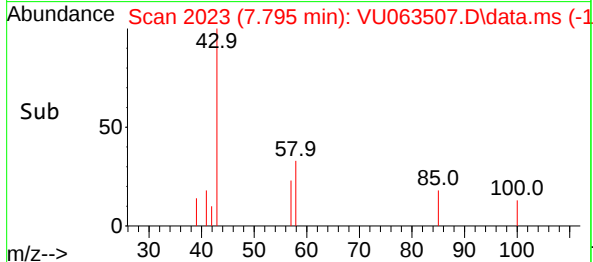
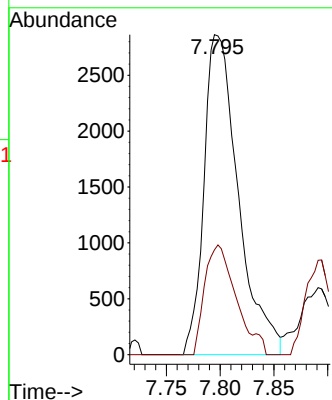
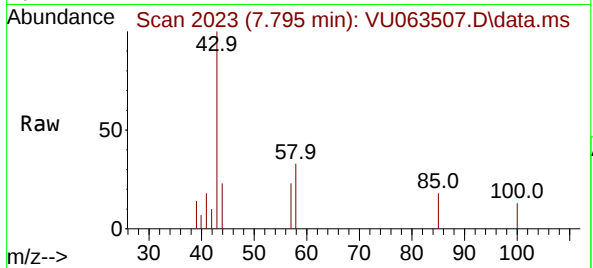




#51
4-Methyl-2-Pentanone
Concen: 2.886 ug/l
RT: 7.795 min Scan# 2019
Delta R.T. 0.013 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

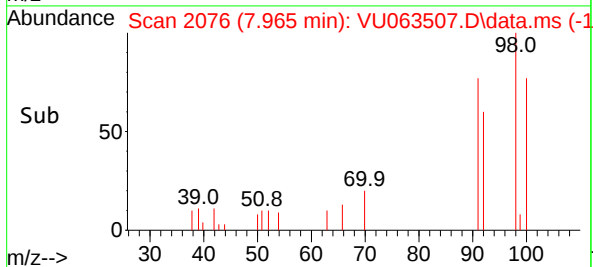
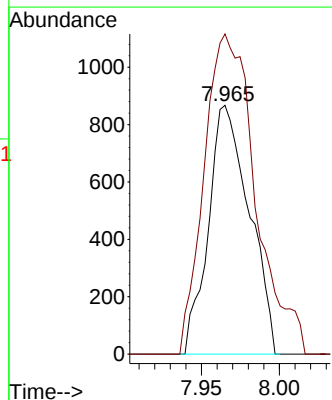
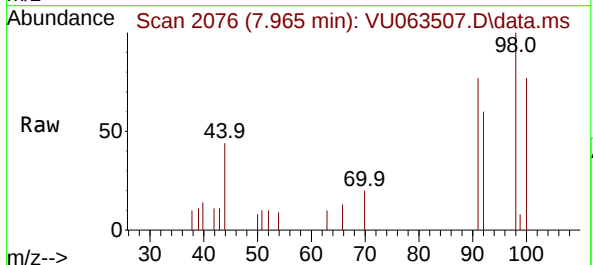
Instrument :
MSVOA_U
ClientSampleId :
MDL06

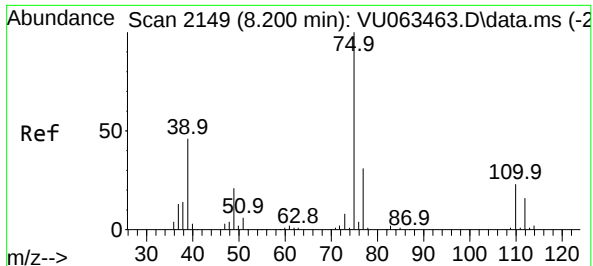
Tgt Ion: 43 Resp: 6355
Ion Ratio Lower Upper
43 100
58 31.5 31.0 46.4



#52
Toluene
Concen: 0.548 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 92 Resp: 1583
Ion Ratio Lower Upper
92 100
91 162.0 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 0.329 ug/l

RT: 8.213 min Scan# 2149

Delta R.T. 0.013 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

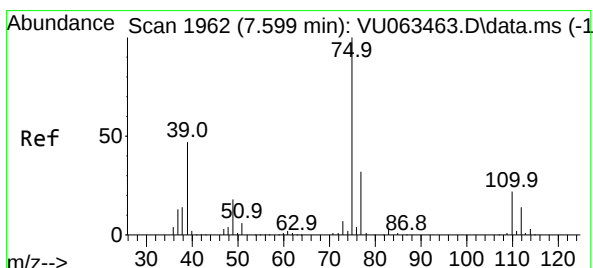
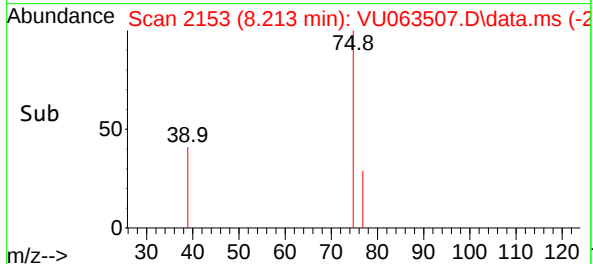
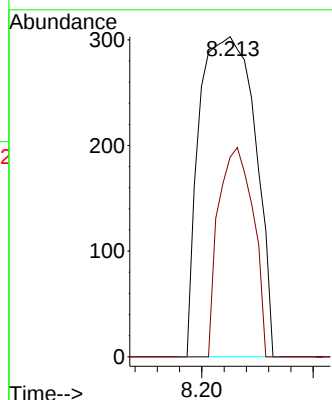
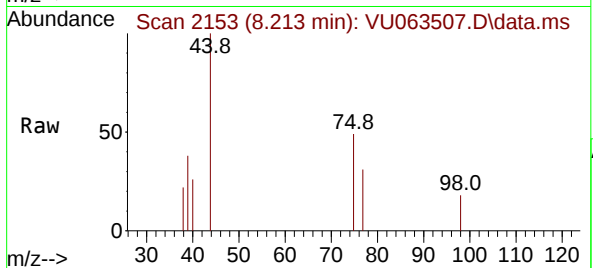
MDL06

Tgt Ion: 75 Resp: 523

Ion Ratio Lower Upper

75 100

77 62.4 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 0.322 ug/l

RT: 7.608 min Scan# 1965

Delta R.T. 0.010 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

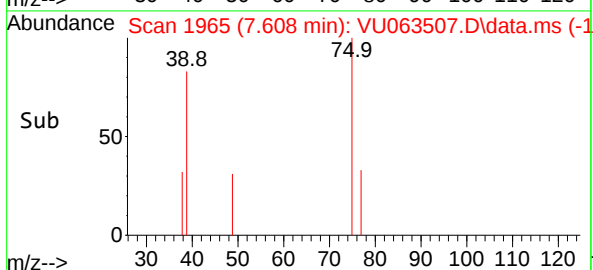
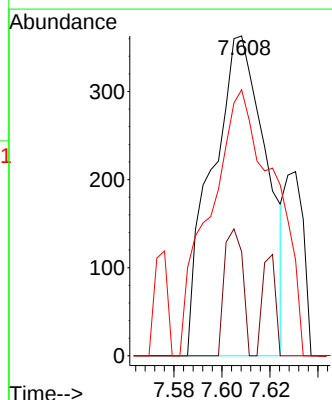
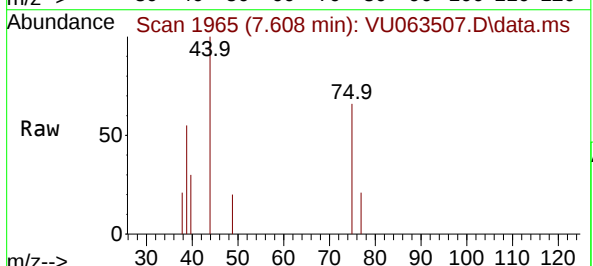
Tgt Ion: 75 Resp: 573

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0

39 128.1 37.2 55.8#

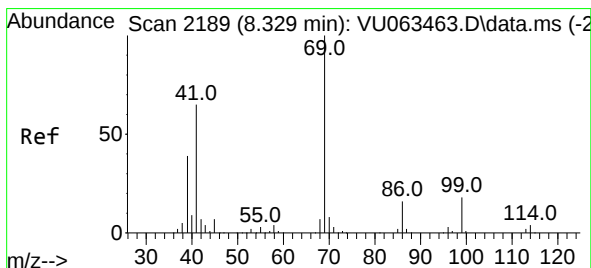
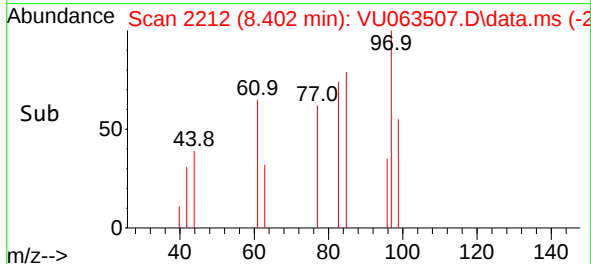
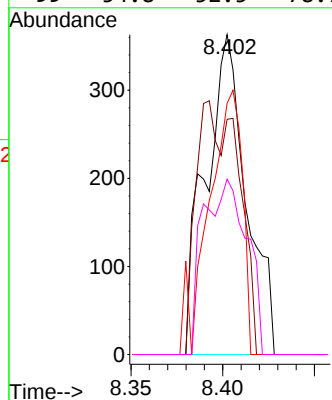
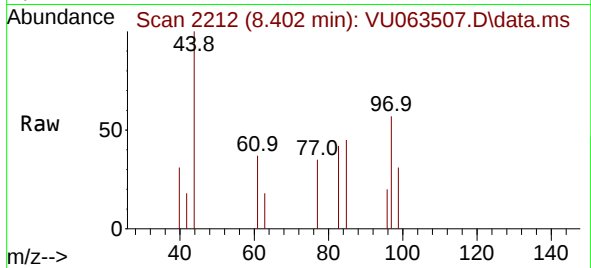




#55
1,1,2-Trichloroethane
Concen: 0.456 ug/l
RT: 8.402 min Scan# 2112
Delta R.T. 0.013 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

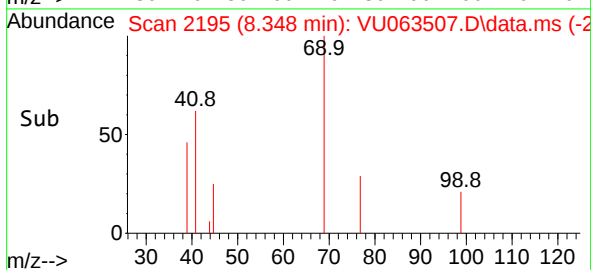
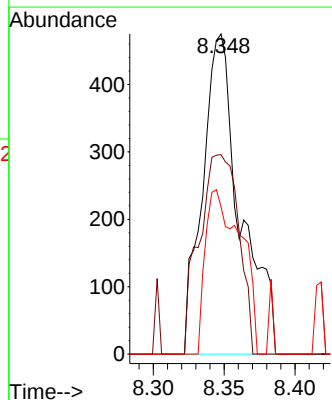
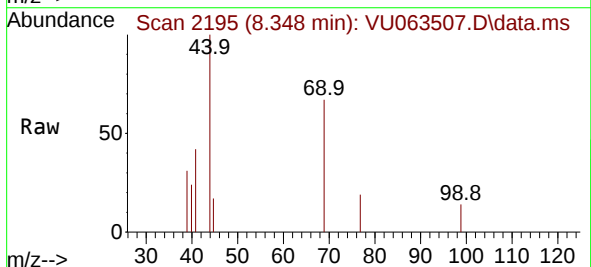
Instrument :
MSVOA_U
ClientSampleId :
MDL06

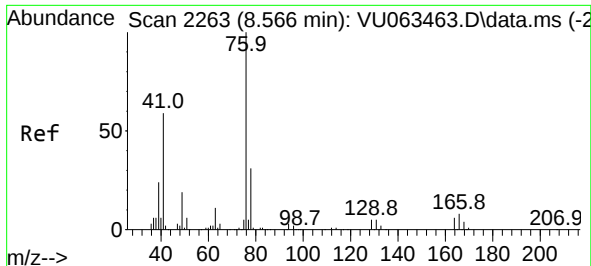
Tgt Ion: 97	Resp: 560
Ion Ratio	Lower Upper
97 100	
83 73.6	74.2 111.4#
85 78.5	45.8 68.8#
99 54.8	52.5 78.7



#56
Ethyl methacrylate
Concen: 0.447 ug/l
RT: 8.348 min Scan# 2195
Delta R.T. 0.019 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 69	Resp: 884		
Ion Ratio	Lower	Upper	
69 100			
41 64.8	53.0	79.6	
39 48.1	31.0	46.4#	

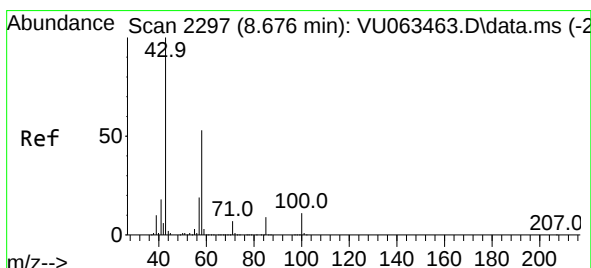
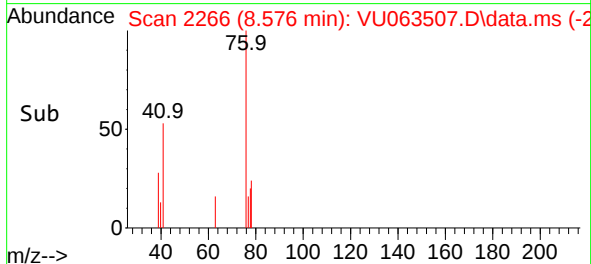
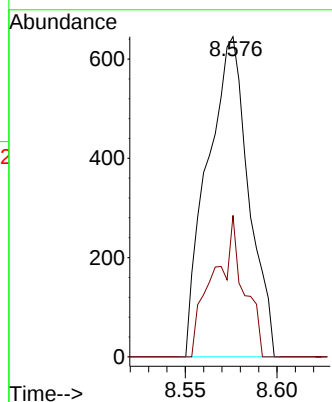
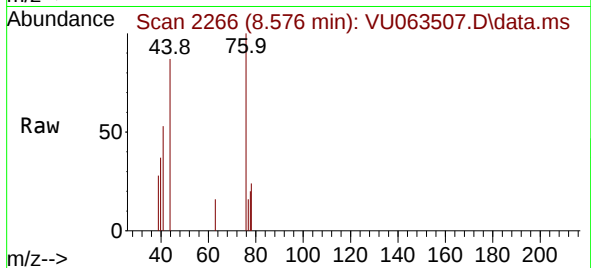




#57
1,3-Dichloropropane
Concen: 0.498 ug/l
RT: 8.576 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

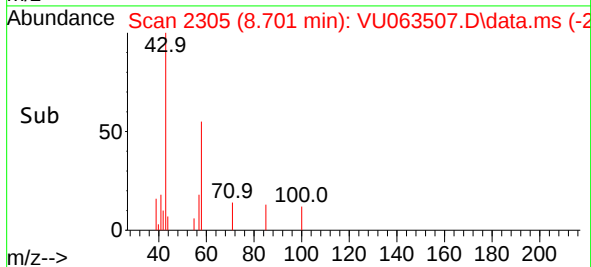
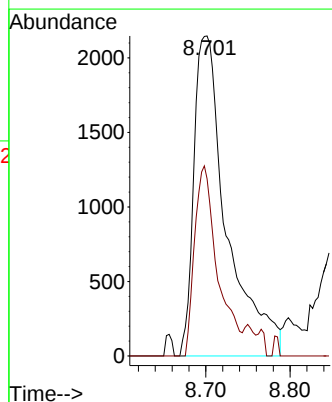
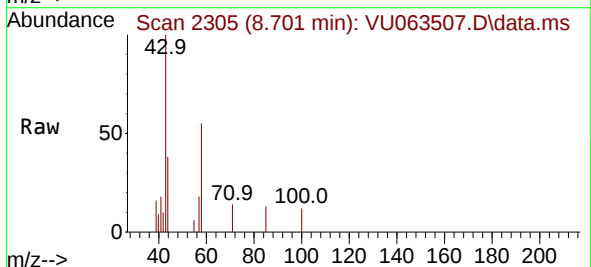
Instrument :
MSVOA_U
ClientSampleId :
MDL06

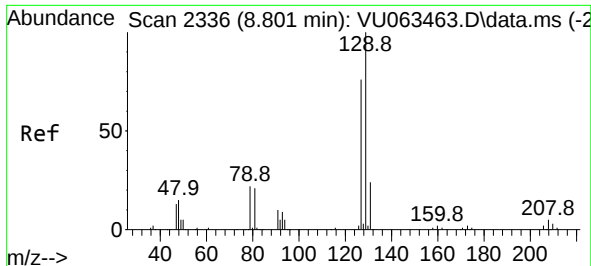
Tgt Ion: 76 Resp: 1007
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4



#59
2-Hexanone
Concen: 3.504 ug/l
RT: 8.701 min Scan# 2305
Delta R.T. 0.026 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 43 Resp: 5836
Ion Ratio Lower Upper
43 100
58 41.7 26.9 80.7

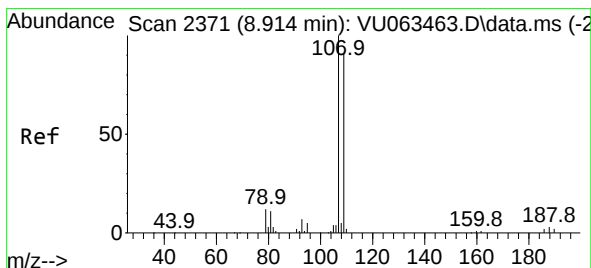
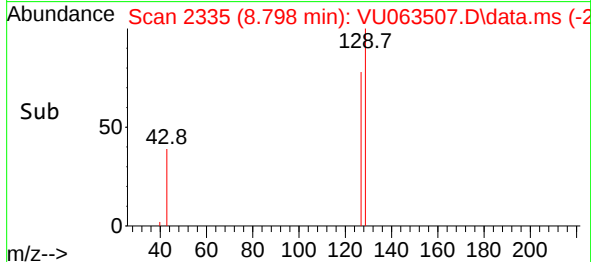
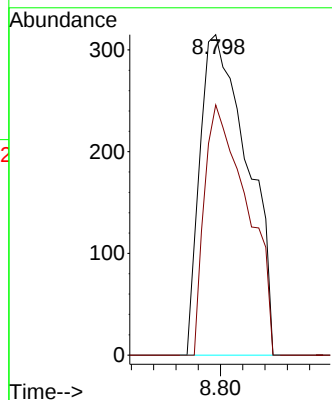
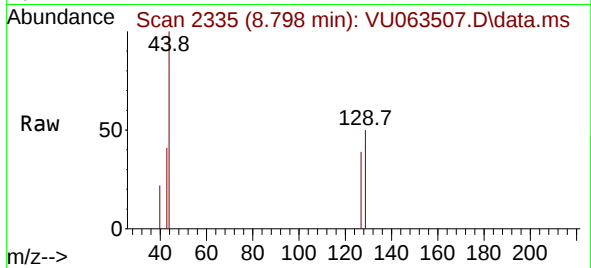




#60
Dibromochloromethane
Concen: 0.340 ug/l
RT: 8.798 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

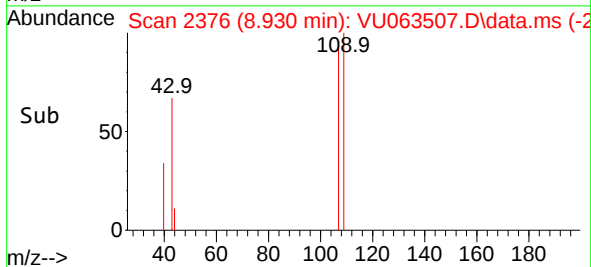
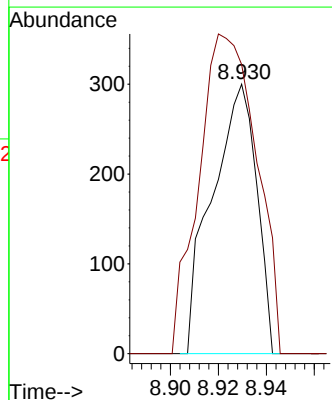
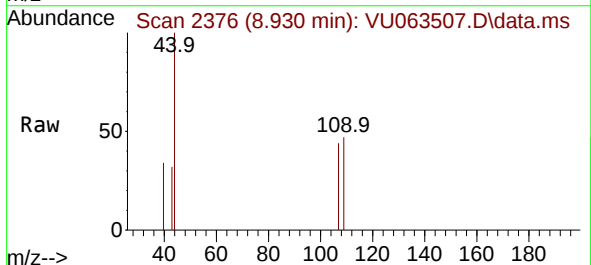
Instrument :
MSVOA_U
ClientSampleId :
MDL06

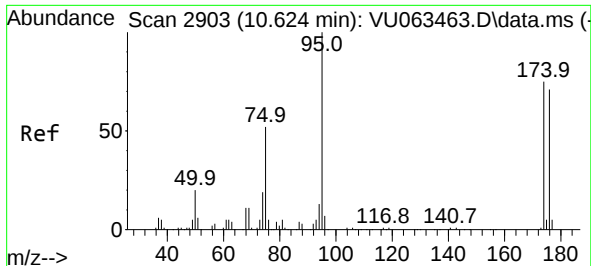
Tgt Ion:129 Resp: 467
Ion Ratio Lower Upper
129 100
127 70.2 39.1 117.2



#61
1,2-Dibromoethane
Concen: 0.321 ug/l
RT: 8.930 min Scan# 2376
Delta R.T. 0.016 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion:107 Resp: 387
Ion Ratio Lower Upper
107 100
109 153.7 73.7 110.5#





#62

4-Bromofluorobenzene

Concen: 49.804 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL06

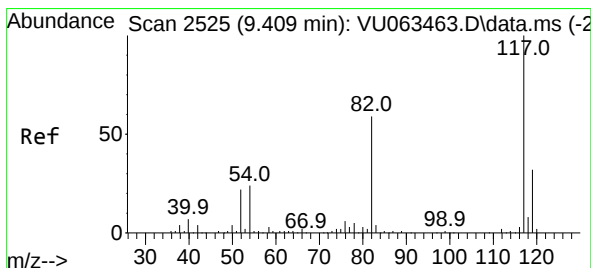
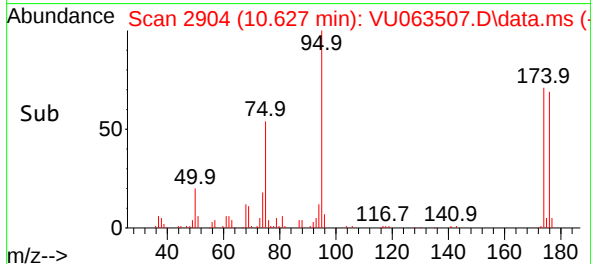
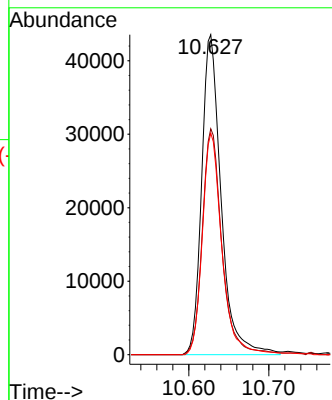
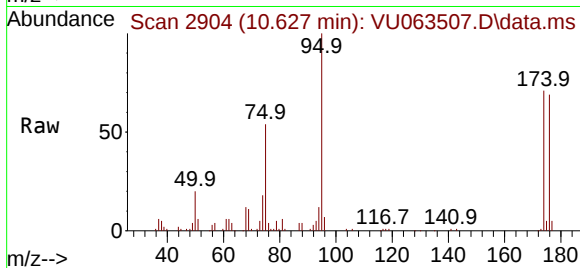
Tgt Ion: 95 Resp: 73916

Ion Ratio Lower Upper

95 100

174 71.0 0.0 153.6

176 69.9 0.0 145.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.412 min Scan# 2526

Delta R.T. 0.003 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

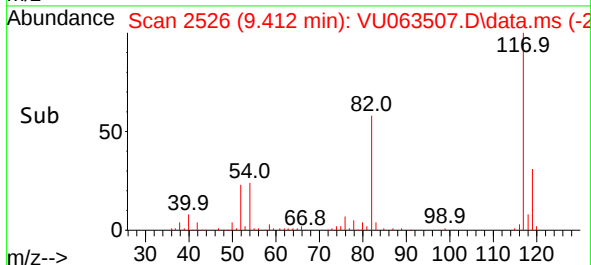
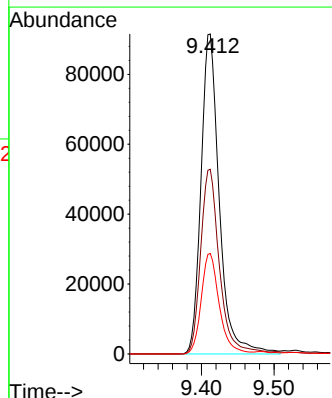
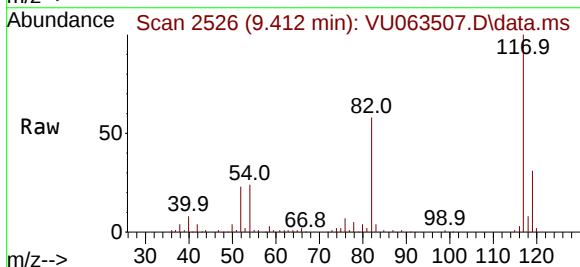
Tgt Ion: 117 Resp: 160710

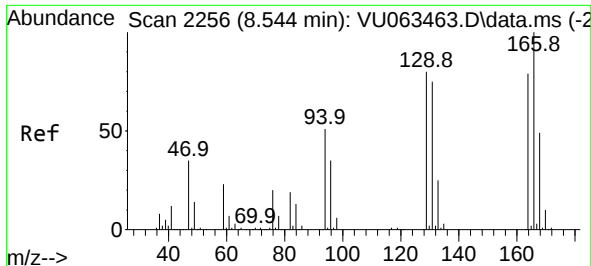
Ion Ratio Lower Upper

117 100

82 57.7 47.1 70.7

119 31.4 25.4 38.0

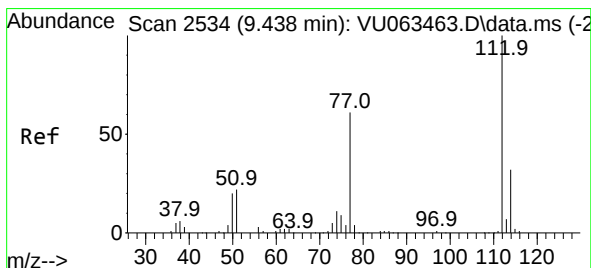
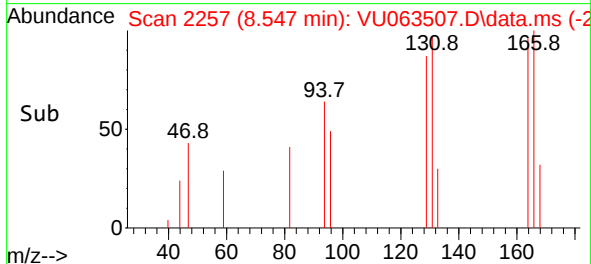
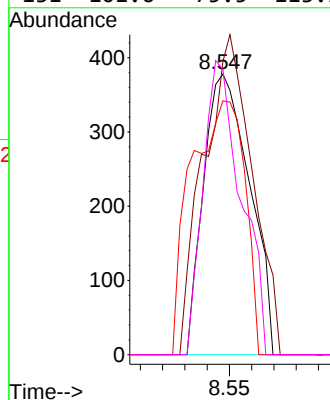
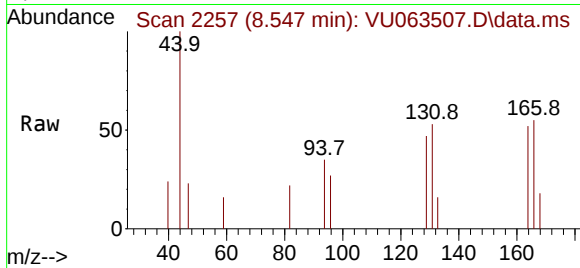




#64
Tetrachloroethene
Concen: 0.454 ug/l
RT: 8.547 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

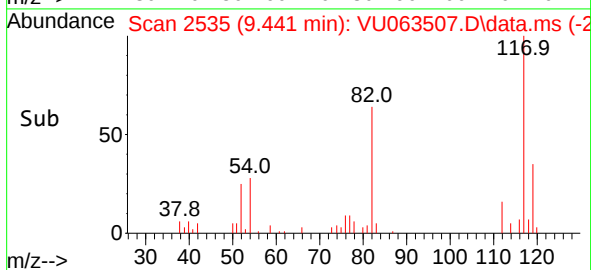
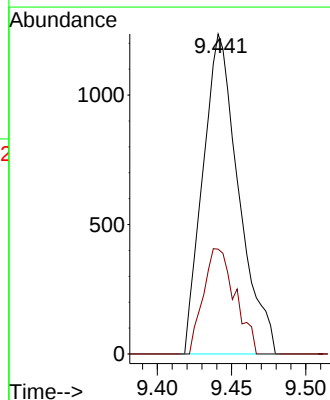
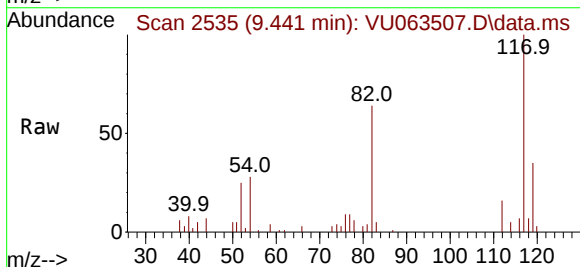
Instrument :
MSVOA_U
ClientSampleId :
MDL06

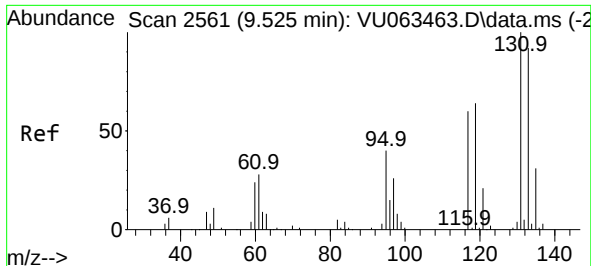
Tgt Ion:164	Resp:	543	
Ion	Ratio	Lower	Upper
164	100		
166	104.5	100.9	151.3
129	90.5	80.9	121.3
131	101.6	75.5	113.3



#65
Chlorobenzene
Concen: 0.618 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion:112	Resp:	2068	
Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.5	38.3

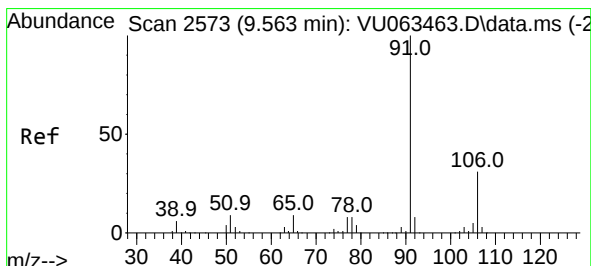
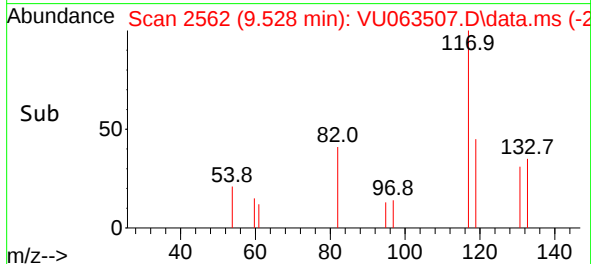
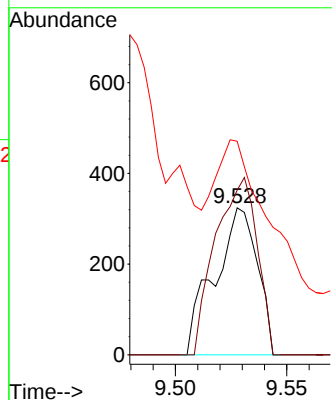
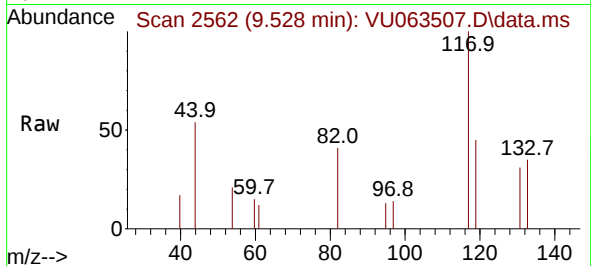




#66
1,1,1,2-Tetrachloroethane
Concen: 0.379 ug/l
RT: 9.528 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

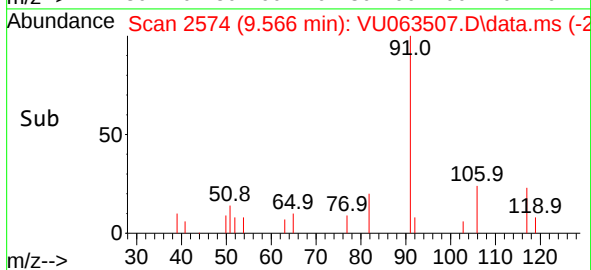
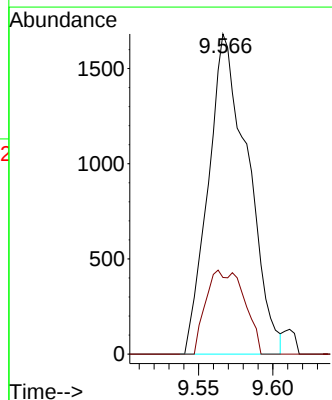
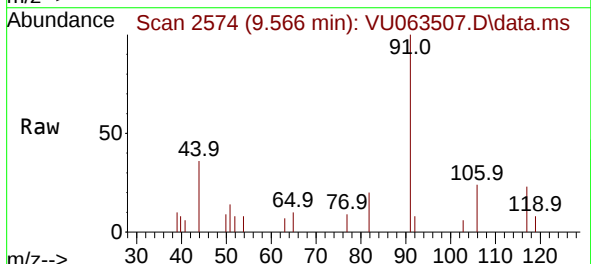
Instrument :
MSVOA_U
ClientSampleId :
MDL06

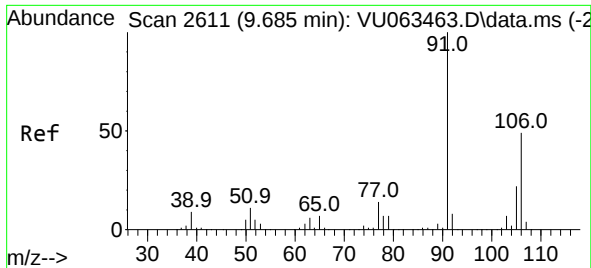
Tgt Ion:131 Resp: 435
Ion Ratio Lower Upper
131 100
133 117.2 46.4 139.2
119 0.0 33.3 99.9#



#67
Ethyl Benzene
Concen: 0.542 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 91 Resp: 3113
Ion Ratio Lower Upper
91 100
106 23.9 24.5 36.7#

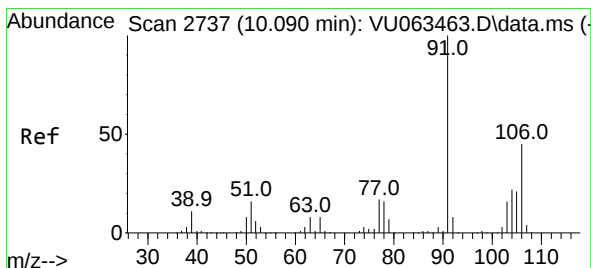
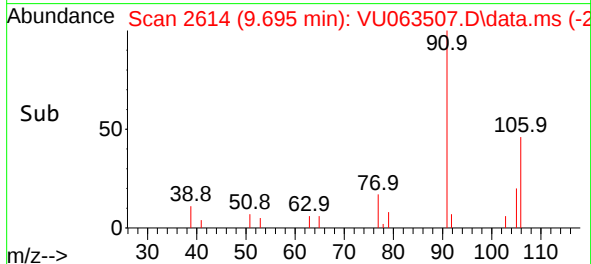
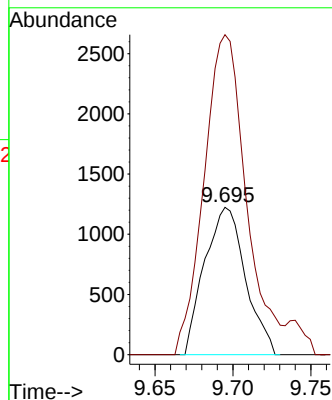
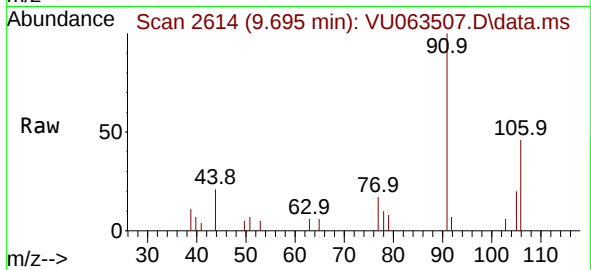




#68
m/p-Xylenes
Concen: 1.016 ug/l
RT: 9.695 min Scan# 2614
Delta R.T. 0.010 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

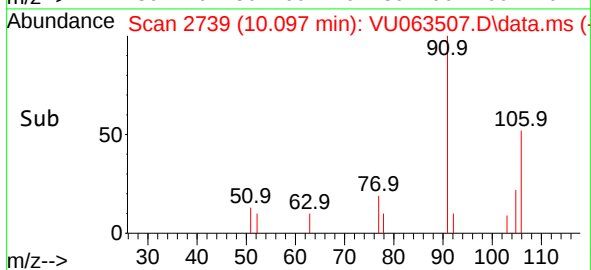
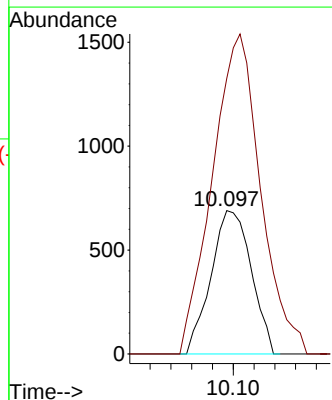
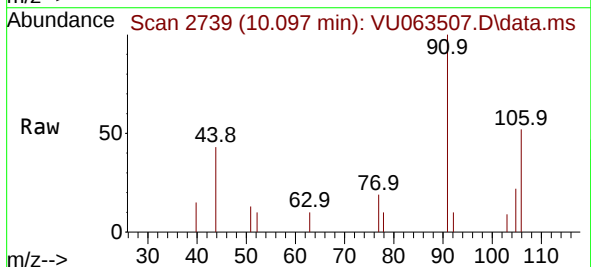
Instrument :
MSVOA_U
ClientSampleId :
MDL06

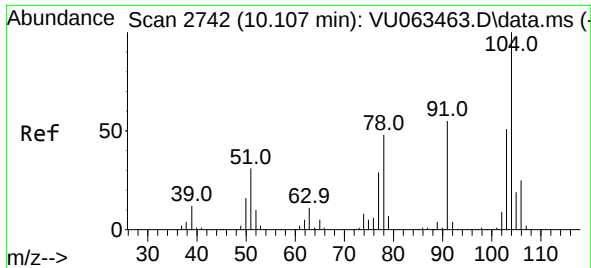
Tgt Ion:106 Resp: 2229
Ion Ratio Lower Upper
106 100
91 224.4 163.6 245.4



#69
o-Xylene
Concen: 0.416 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion:106 Resp: 928
Ion Ratio Lower Upper
106 100
91 267.6 110.7 331.9

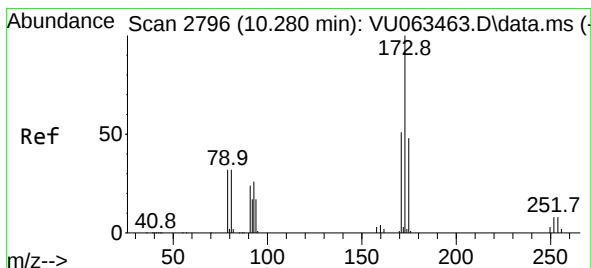
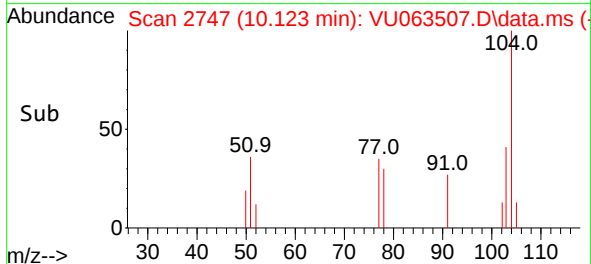
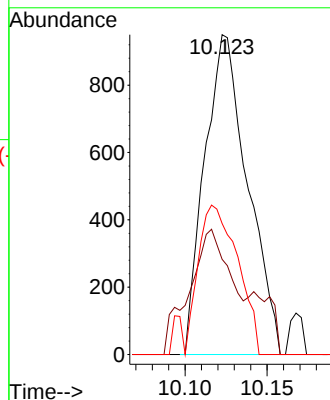
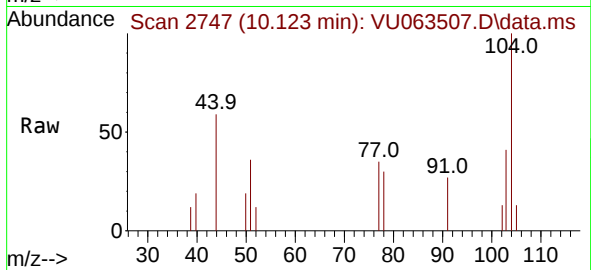




#70
Styrene
Concen: 0.488 ug/l
RT: 10.123 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

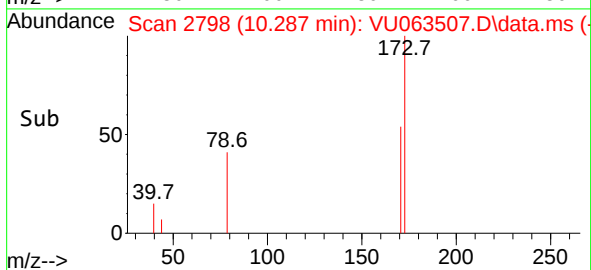
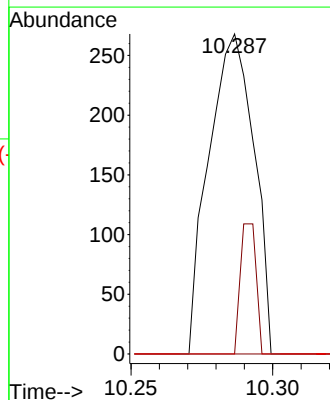
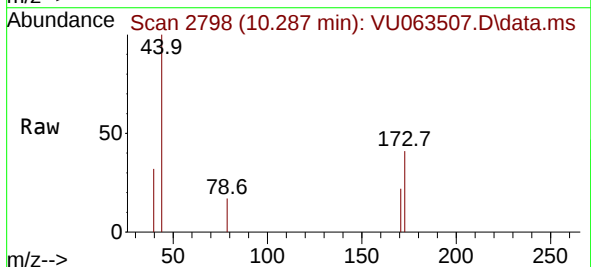
Instrument :
MSVOA_U
ClientSampleId :
MDL06

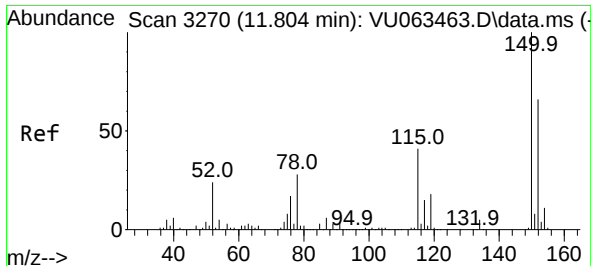
Tgt Ion:104 Resp: 1731
Ion Ratio Lower Upper
104 100
78 38.2 41.4 62.0#
103 42.9 44.3 66.5#



#71
Bromoform
Concen: 0.296 ug/l
RT: 10.287 min Scan# 2798
Delta R.T. 0.006 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion:173 Resp: 296
Ion Ratio Lower Upper
173 100
175 14.2 24.0 72.0#
254 0.0 0.0 0.0

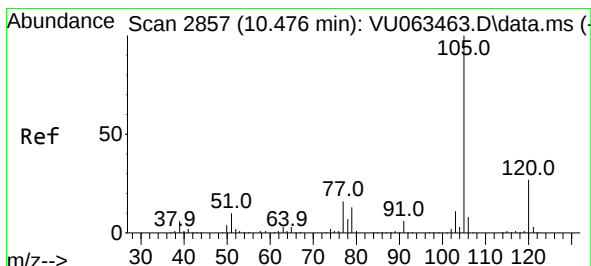
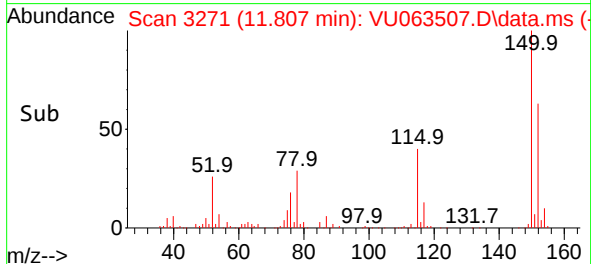
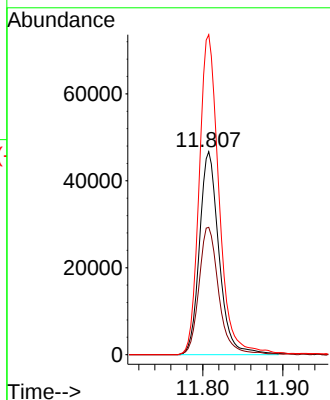
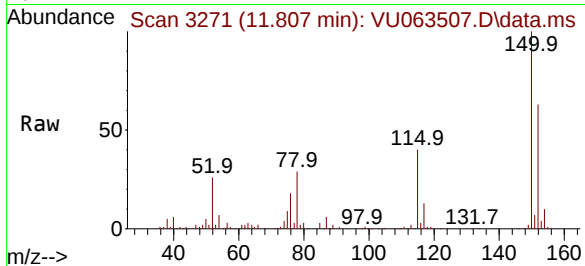




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.807 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063507.D
 Acq: 14 Jul 2025 14:37

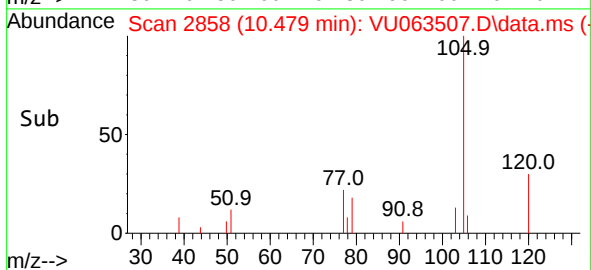
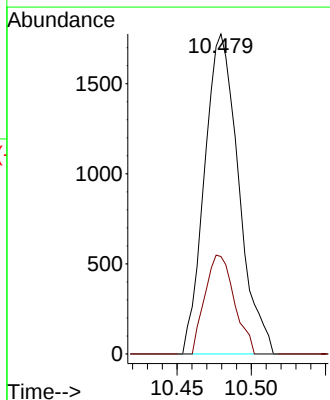
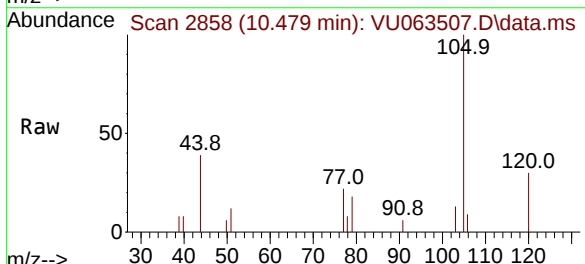
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

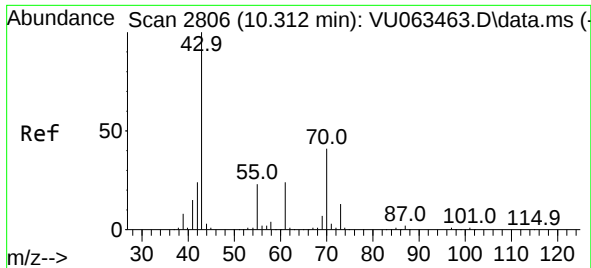
Tgt Ion:152 Resp: 79560
 Ion Ratio Lower Upper
 152 100
 115 63.8 43.4 130.2
 150 160.3 0.0 341.4



#73
 Isopropylbenzene
 Concen: 0.524 ug/l
 RT: 10.479 min Scan# 2858
 Delta R.T. 0.003 min
 Lab File: VU063507.D
 Acq: 14 Jul 2025 14:37

Tgt Ion:105 Resp: 2835
 Ion Ratio Lower Upper
 105 100
 120 26.6 13.1 39.1

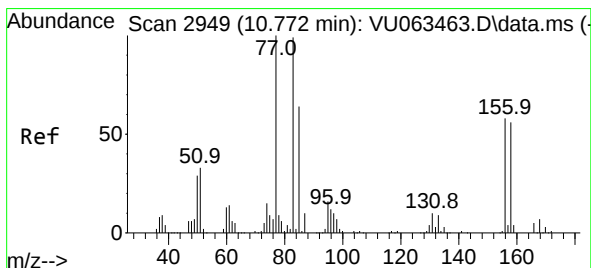
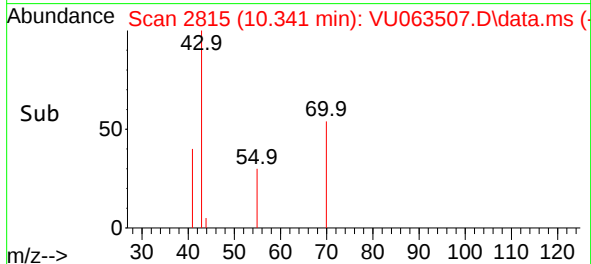
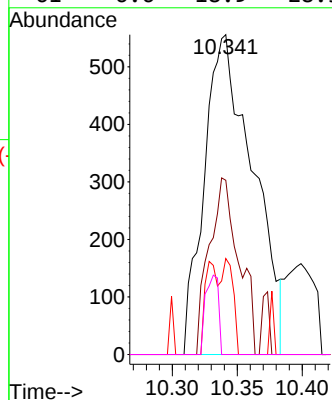
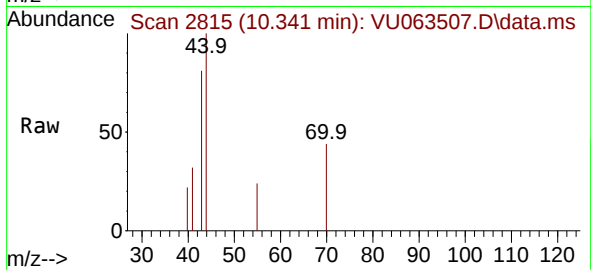




#74
N-amy1 acetate
Concen: 0.596 ug/l
RT: 10.341 min Scan# 21
Delta R.T. 0.029 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

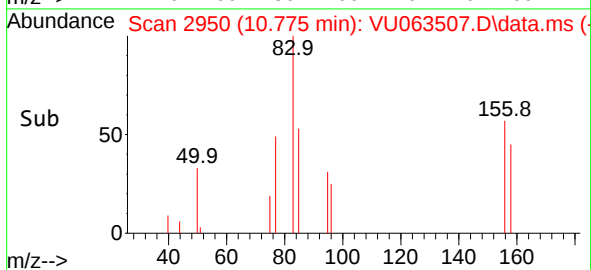
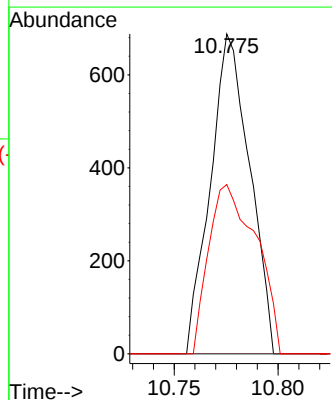
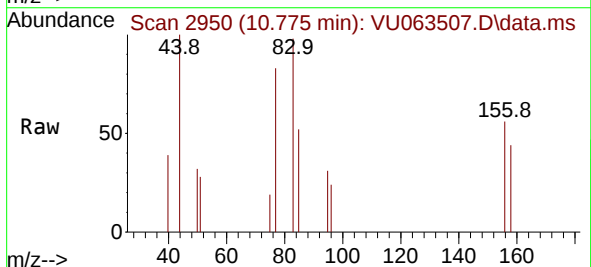
Instrument :
MSVOA_U
ClientSampleId :
MDL06

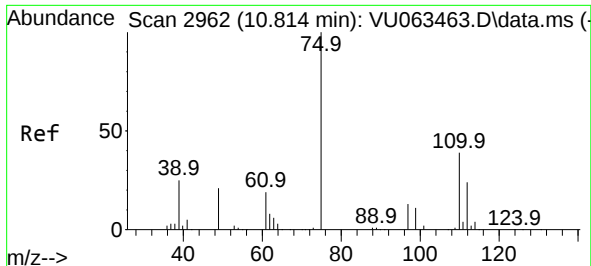
Tgt Ion: 43	Resp: 1447
Ion Ratio	Lower Upper
43 100	
70 33.8	32.6 48.8
55 7.5	18.6 27.8#
61 6.6	18.9 28.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.454 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 83	Resp: 904
Ion Ratio	Lower Upper
83 100	
131 0.0	4.8 14.3#
85 64.0	32.3 96.8

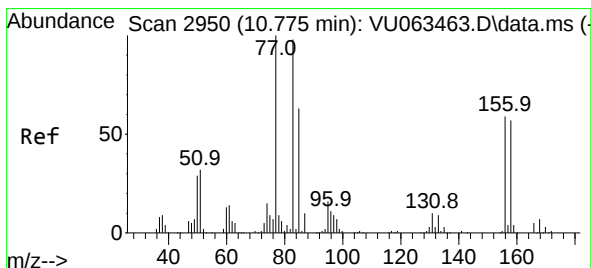
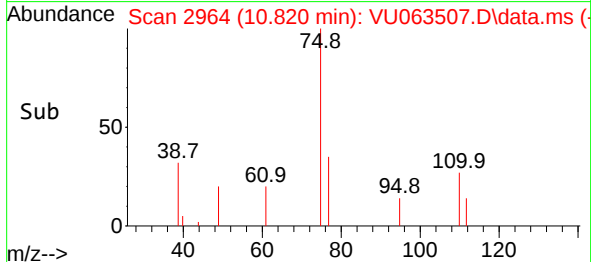
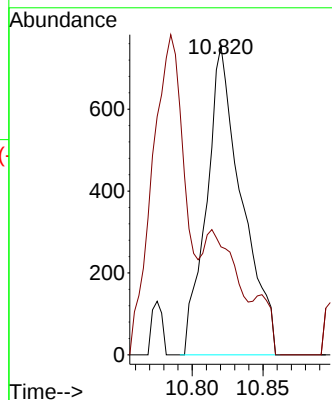
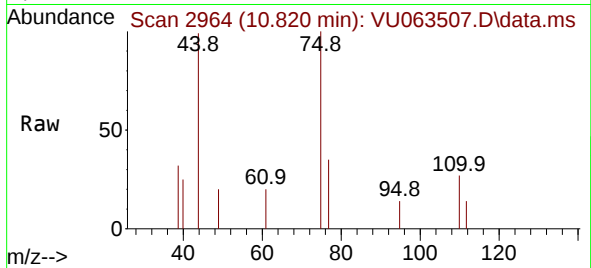




#76
1,2,3-Trichloropropane
Concen: 0.619 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. 0.006 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

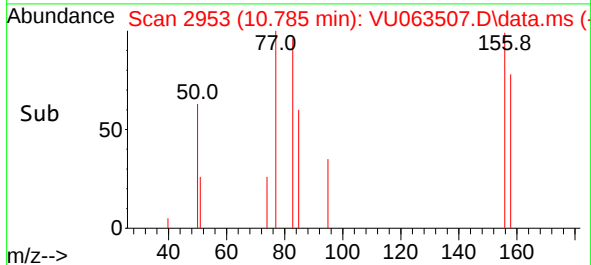
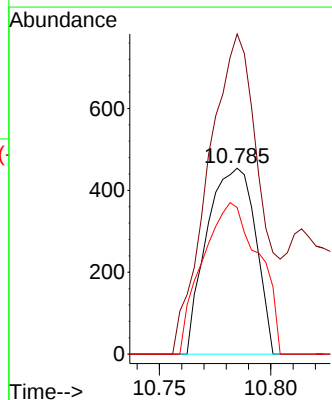
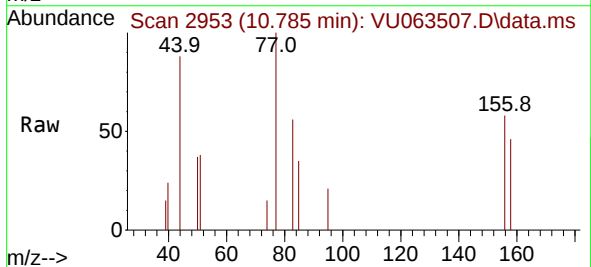
Instrument :
MSVOA_U
ClientSampleId :
MDL06

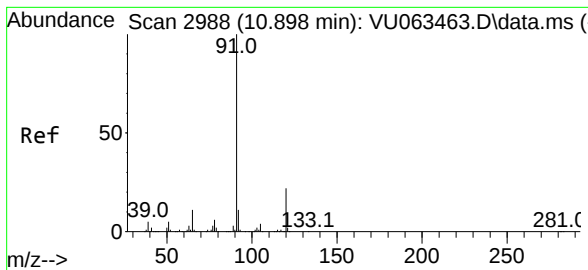
Tgt Ion: 75 Resp: 1306
Ion Ratio Lower Upper
75 100
77 18.8 3.1 9.4#



#77
Bromobenzene
Concen: 0.518 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.010 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 156 Resp: 688
Ion Ratio Lower Upper
156 100
77 184.3 78.2 234.6
158 94.3 46.8 140.4





#78

n-propylbenzene

Concen: 0.520 ug/l

RT: 10.904 min Scan# 2988

Delta R.T. 0.006 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

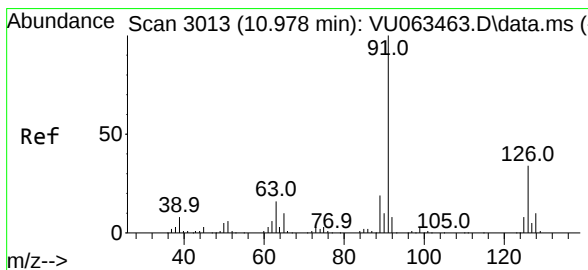
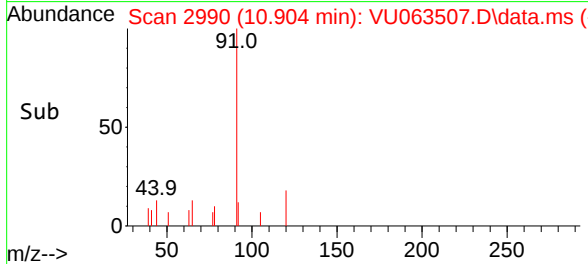
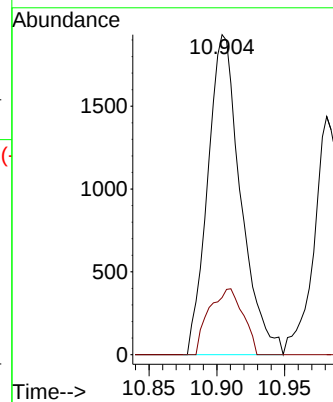
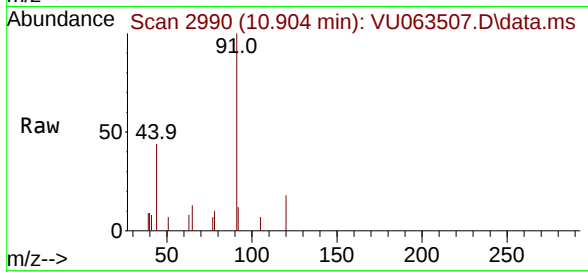
MDL06

Tgt Ion: 91 Resp: 3266

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.691 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.003 min

Lab File: VU063507.D

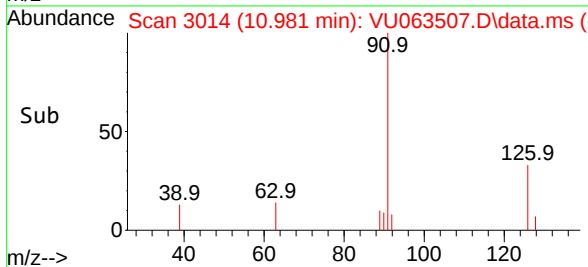
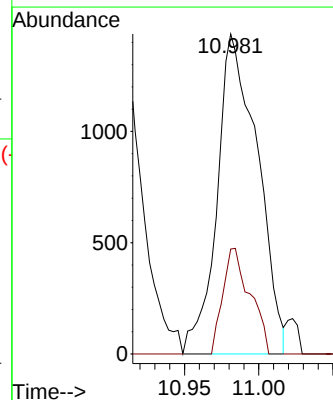
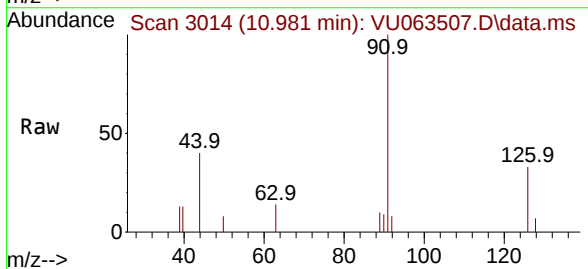
Acq: 14 Jul 2025 14:37

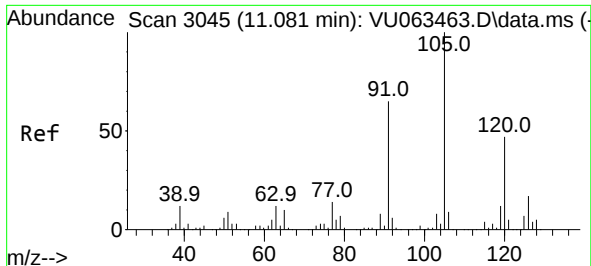
Tgt Ion: 91 Resp: 2720

Ion Ratio Lower Upper

91 100

126 22.3 15.9 47.7

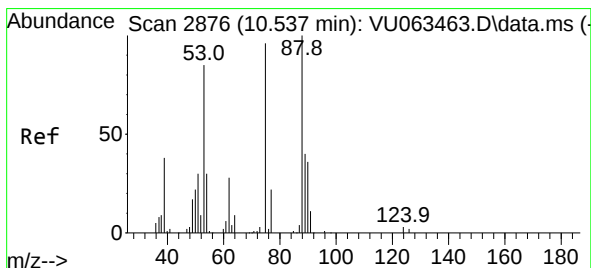
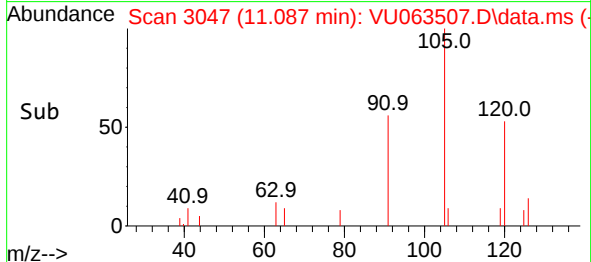
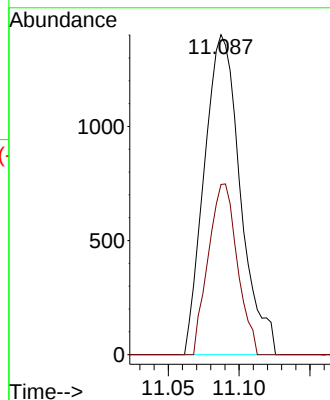
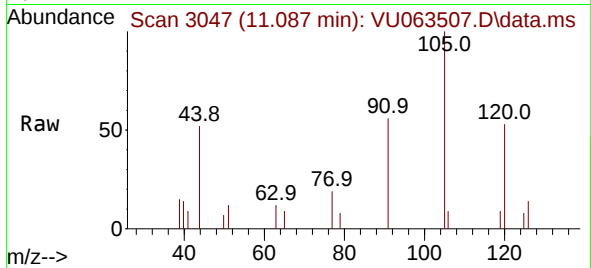




#80
 1,3,5-Trimethylbenzene
 Concen: 0.524 ug/l
 RT: 11.087 min Scan# 3045
 Delta R.T. 0.006 min
 Lab File: VU063507.D
 Acq: 14 Jul 2025 14:37

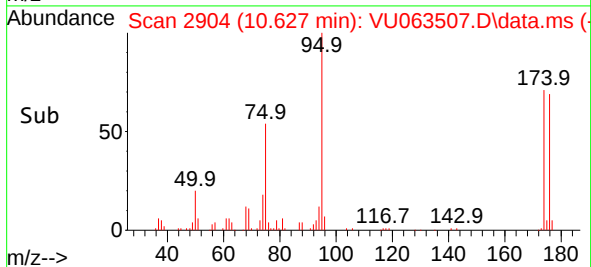
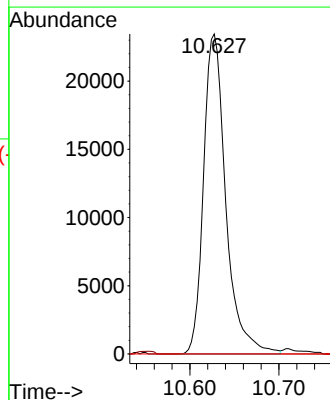
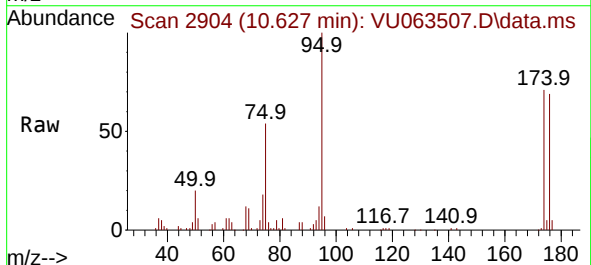
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

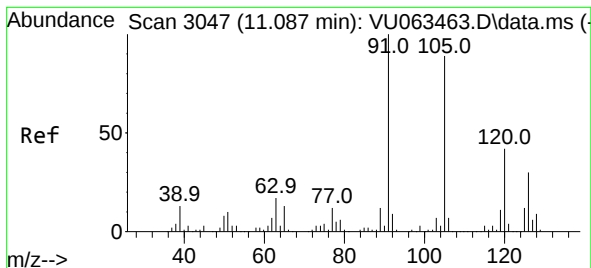
Tgt Ion:105 Resp: 2481
 Ion Ratio Lower Upper
 105 100
 120 42.8 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.251 ug/l
 RT: 10.627 min Scan# 2904
 Delta R.T. 0.090 min
 Lab File: VU063507.D
 Acq: 14 Jul 2025 14:37

Tgt Ion: 75 Resp: 40685
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 36.3 54.5#





#82

4-Chlorotoluene

Concen: 0.649 ug/l

RT: 11.103 min Scan# 3047

Delta R.T. 0.016 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

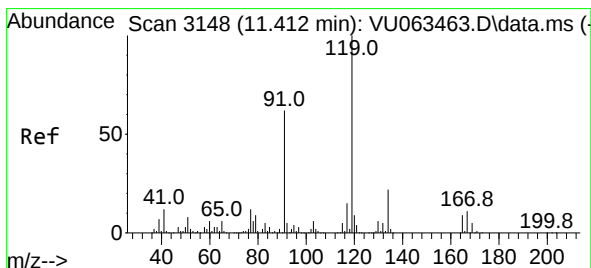
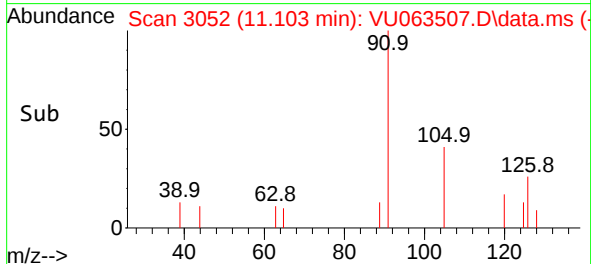
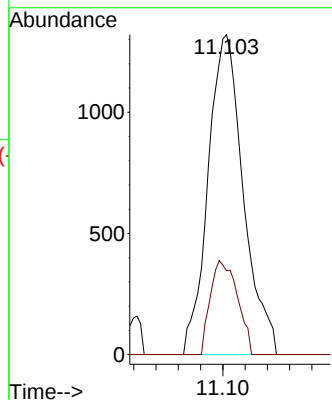
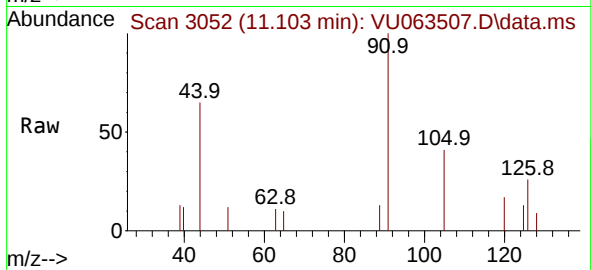
MDL06

Tgt Ion: 91 Resp: 2902

Ion Ratio Lower Upper

91 100

126 22.5 14.4 43.2



#83

tert-Butylbenzene

Concen: 0.480 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

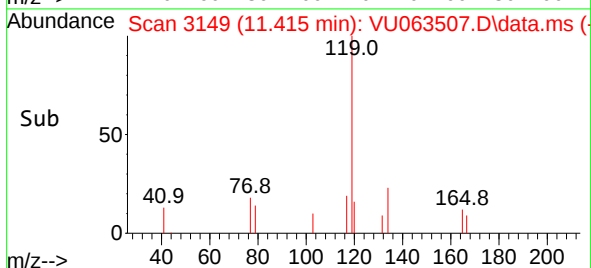
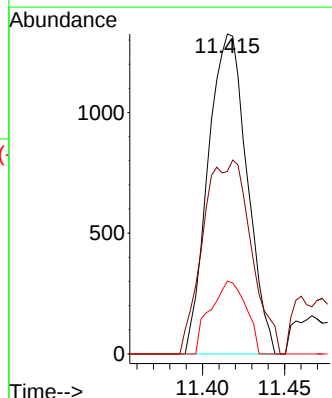
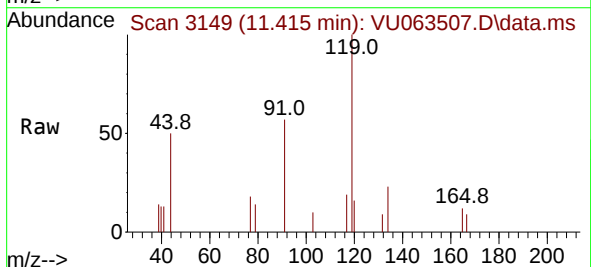
Tgt Ion: 119 Resp: 2180

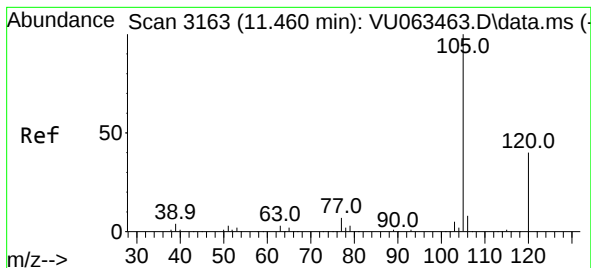
Ion Ratio Lower Upper

119 100

91 74.7 30.3 91.0

134 20.9 11.2 33.6





#84

1,2,4-Trimethylbenzene

Concen: 0.495 ug/l

RT: 11.473 min Scan# 3167

Delta R.T. 0.013 min

Lab File: VU063507.D

Acq: 14 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

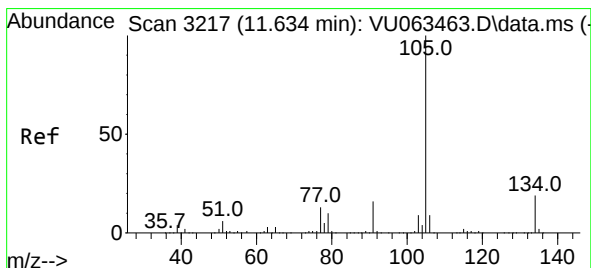
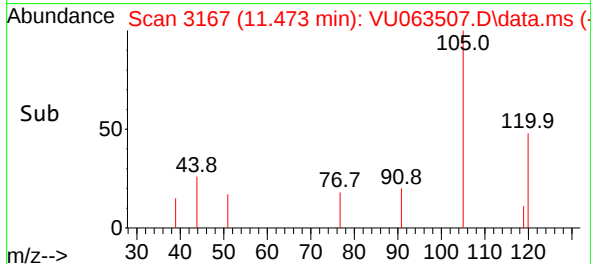
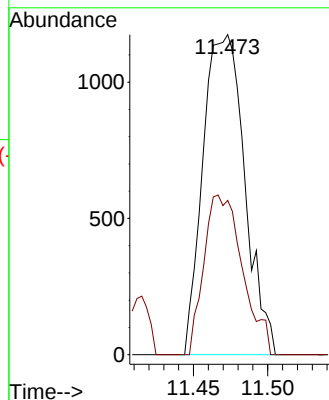
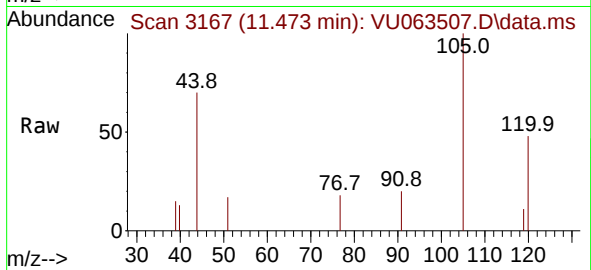
MDL06

Tgt Ion:105 Resp: 2301

Ion Ratio Lower Upper

105 100

120 46.0 22.1 66.3



#85

sec-Butylbenzene

Concen: 0.557 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU063507.D

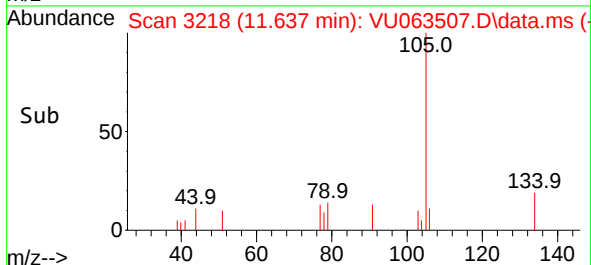
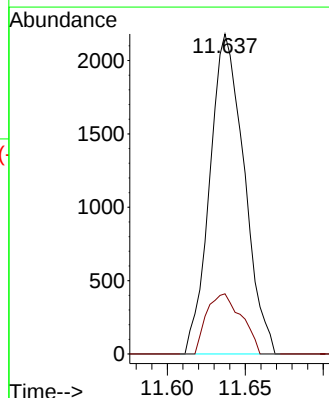
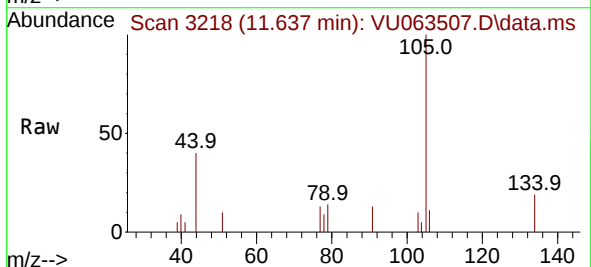
Acq: 14 Jul 2025 14:37

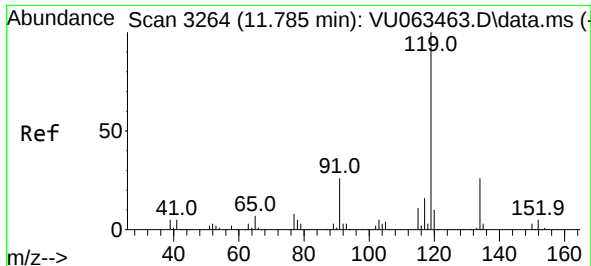
Tgt Ion:105 Resp: 3338

Ion Ratio Lower Upper

105 100

134 19.1 9.7 29.1

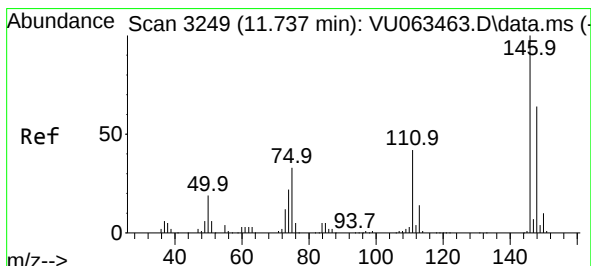
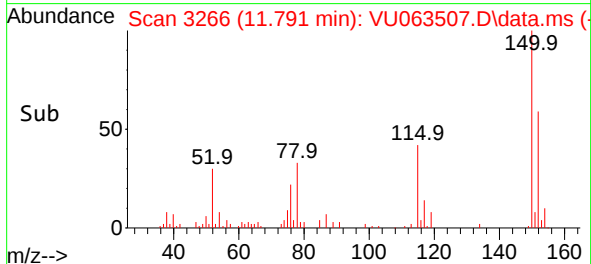
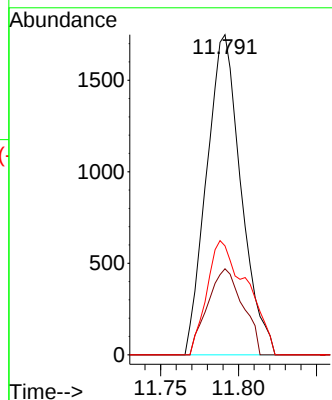
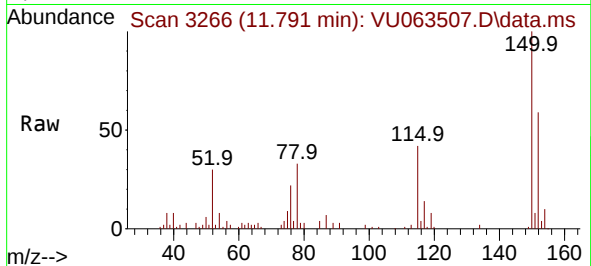




#86
p-Isopropyltoluene
Concen: 0.552 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

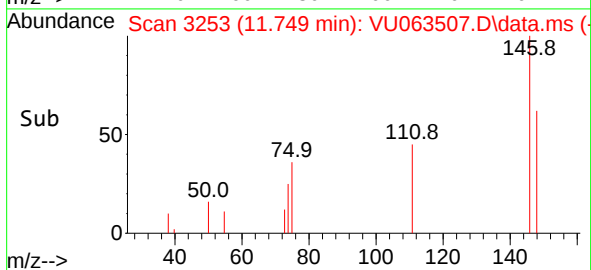
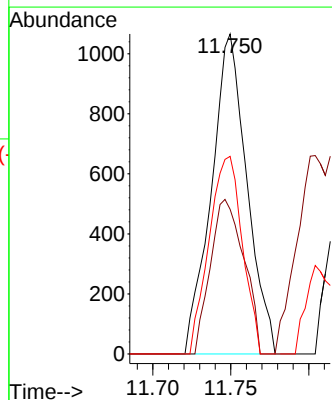
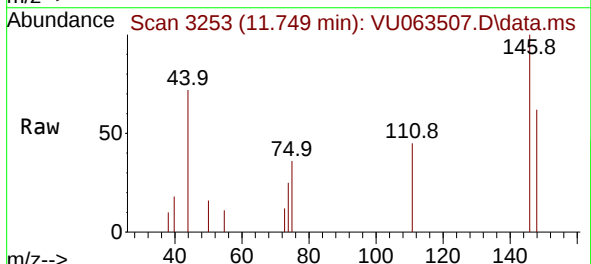
Instrument :
MSVOA_U
ClientSampleId :
MDL06

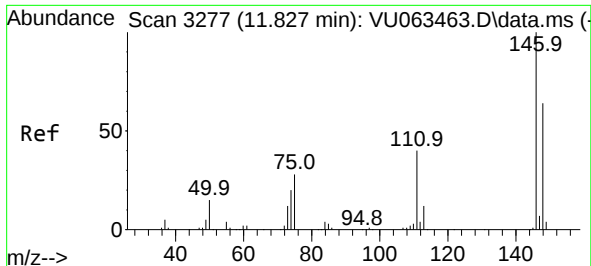
Tgt Ion:119 Resp: 2681
Ion Ratio Lower Upper
119 100
134 27.5 13.0 38.9
91 41.7 13.0 38.9#



#87
1,3-Dichlorobenzene
Concen: 0.661 ug/l
RT: 11.749 min Scan# 3253
Delta R.T. 0.013 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion:146 Resp: 1689
Ion Ratio Lower Upper
146 100
111 45.6 20.9 62.7
148 57.7 31.9 95.9

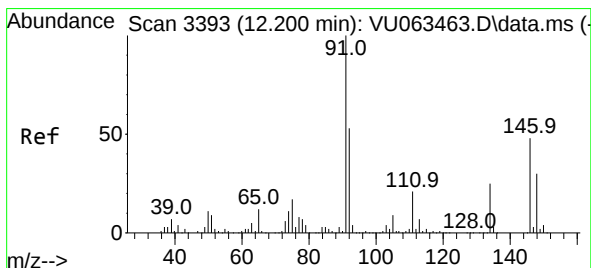
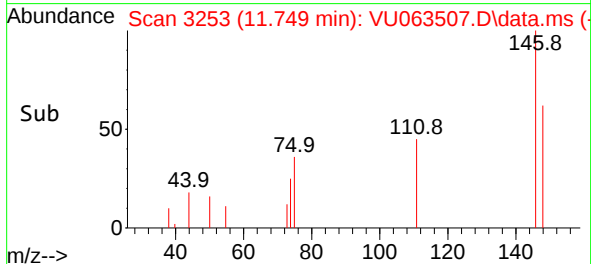
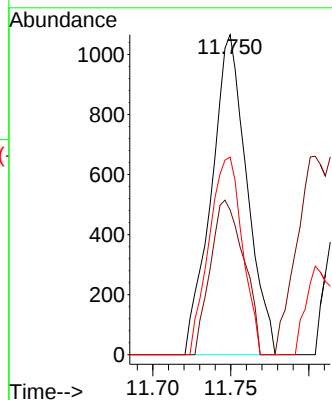
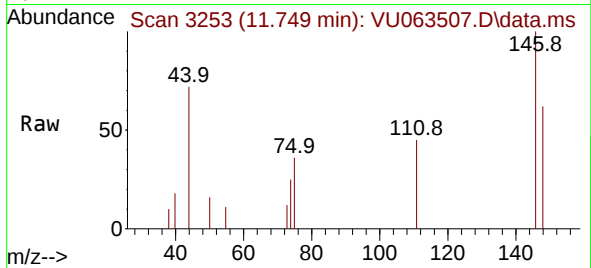




#88
1,4-Dichlorobenzene
Concen: 0.648 ug/l
RT: 11.749 min Scan# 31
Delta R.T. -0.077 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

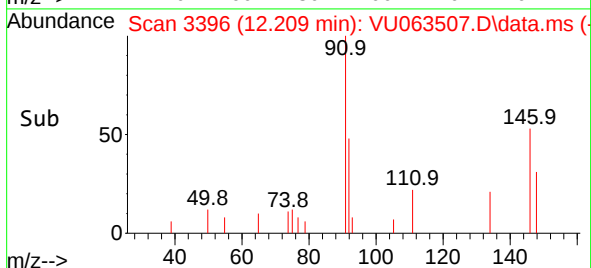
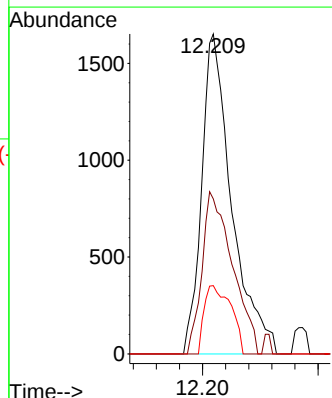
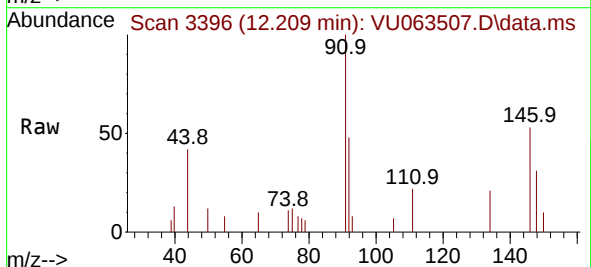
Instrument :
MSVOA_U
ClientSampleId :
MDL06

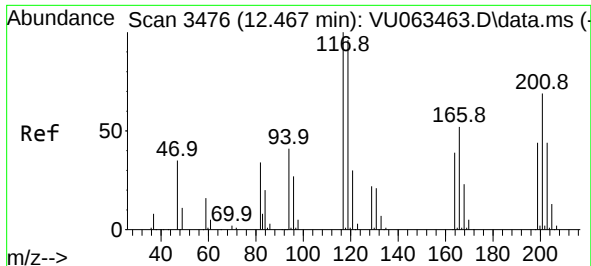
Tgt Ion:146 Resp: 1689
Ion Ratio Lower Upper
146 100
111 45.6 20.8 62.4
148 57.7 31.9 95.9



#89
n-Butylbenzene
Concen: 0.662 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.010 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 91 Resp: 2980
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.2
134 18.9 12.4 37.0

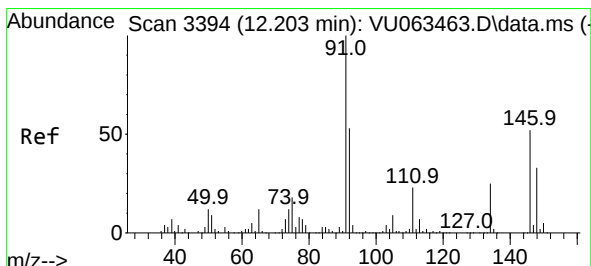
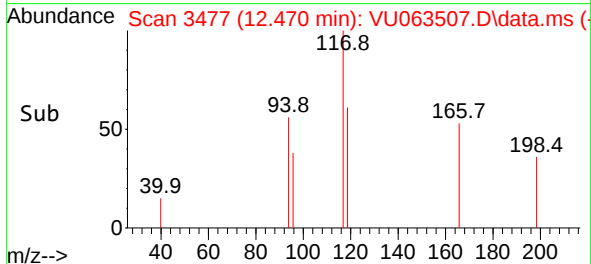
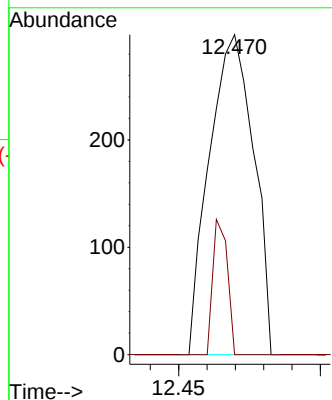
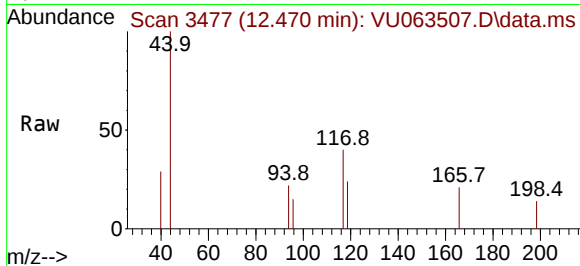




#90
Hexachloroethane
Concen: 0.399 ug/l
RT: 12.470 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

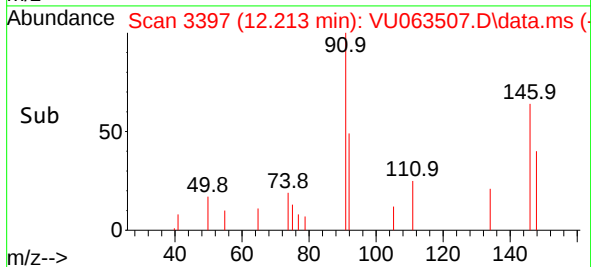
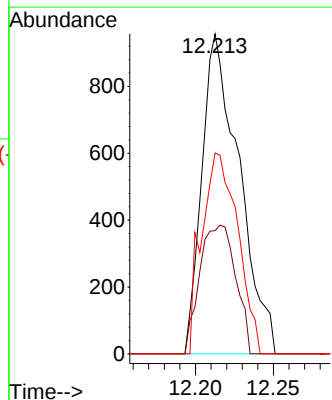
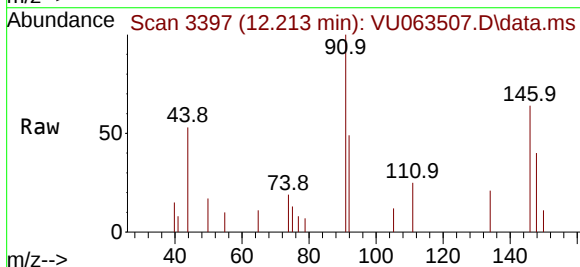
Instrument :
MSVOA_U
ClientSampleId :
MDL06

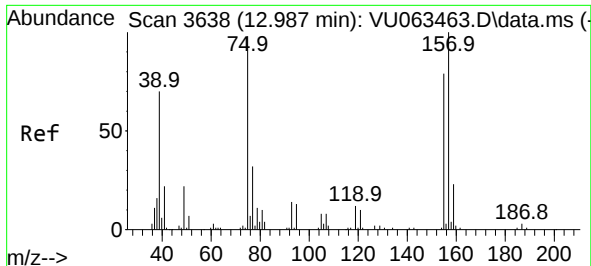
Tgt Ion:117 Resp: 324
Ion Ratio Lower Upper
117 100
201 13.9 34.4 103.2#



#91
1,2-Dichlorobenzene
Concen: 0.636 ug/l
RT: 12.213 min Scan# 3397
Delta R.T. 0.010 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion:146 Resp: 1585
Ion Ratio Lower Upper
146 100
111 38.9 21.9 65.5
148 60.9 31.6 95.0

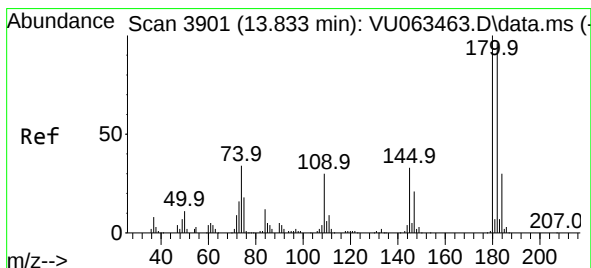
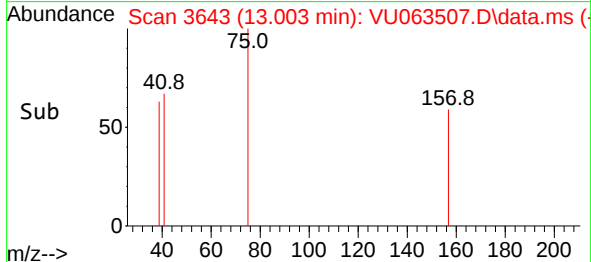
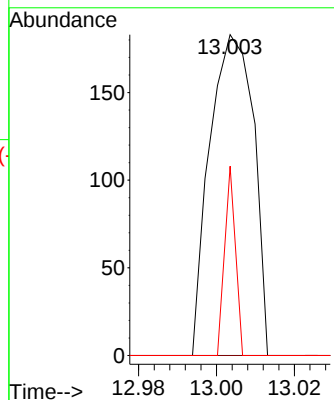
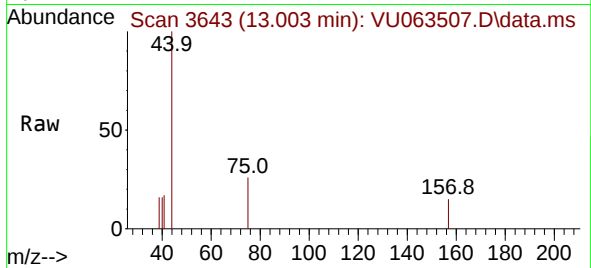




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.303 ug/l
RT: 13.003 min Scan# 3063
Delta R.T. 0.016 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

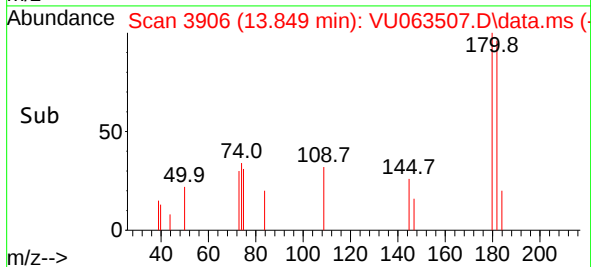
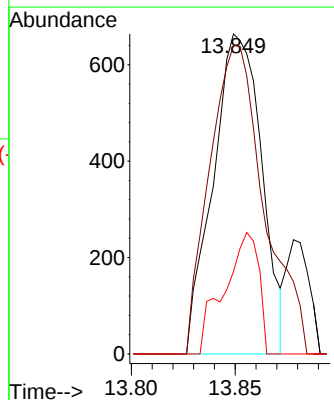
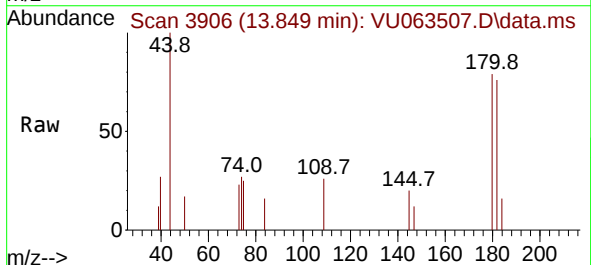
Instrument :
MSVOA_U
ClientSampleId :
MDL06

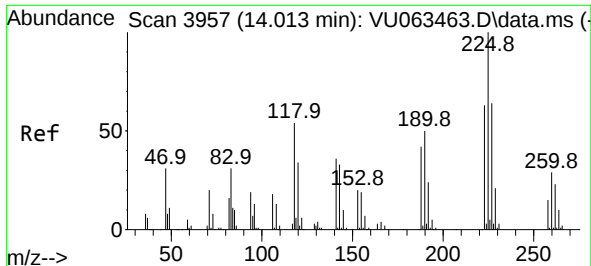
Tgt Ion: 75 Resp: 143
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.5#
157 14.7 49.4 148.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.676 ug/l
RT: 13.849 min Scan# 3906
Delta R.T. 0.016 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion: 180 Resp: 1079
Ion Ratio Lower Upper
180 100
182 108.3 47.7 143.1
145 27.1 16.6 49.7

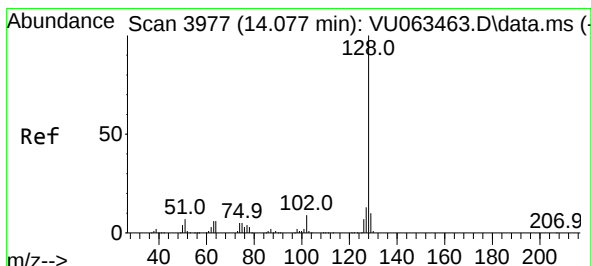
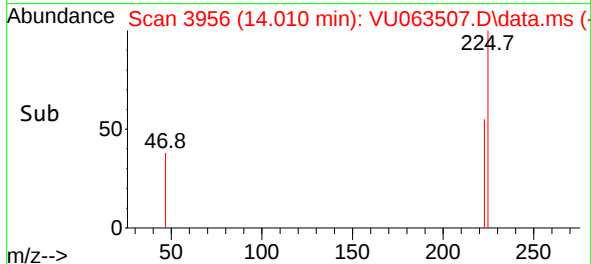
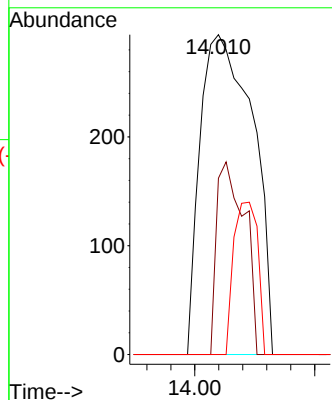
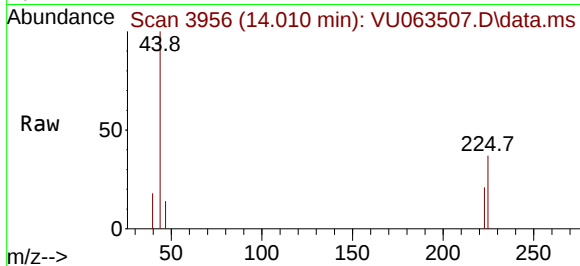




#94
Hexachlorobutadiene
Concen: 0.655 ug/l
RT: 14.010 min Scan# 3957
Delta R.T. -0.003 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

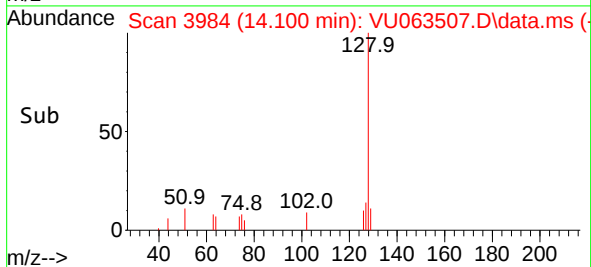
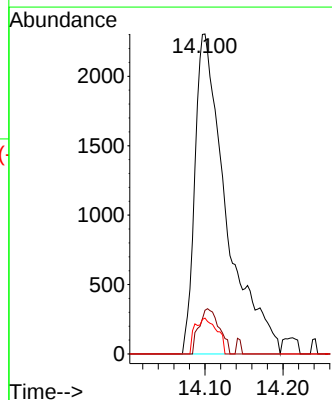
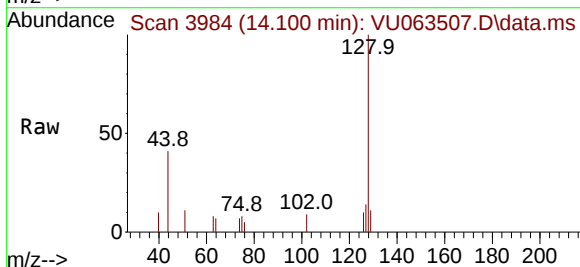
Instrument :
MSVOA_U
ClientSampleId :
MDL06

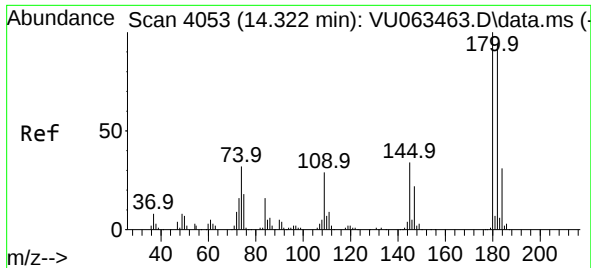
Tgt Ion:225 Resp: 447
Ion Ratio Lower Upper
225 100
223 32.0 32.4 97.0#
227 21.7 32.3 96.9#



#95
Naphthalene
Concen: 1.229 ug/l
RT: 14.100 min Scan# 3984
Delta R.T. 0.022 min
Lab File: VU063507.D
Acq: 14 Jul 2025 14:37

Tgt Ion:128 Resp: 6428
Ion Ratio Lower Upper
128 100
127 9.2 10.2 15.4#
129 7.8 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.662 ug/l
 RT: 14.338 min Scan# 4058
 Delta R.T. 0.016 min
 Lab File: VU063507.D
 Acq: 14 Jul 2025 14:37

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tgt Ion:180 Resp: 1039
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.3#
 145 17.1 17.2 51.5#

