

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063497.D
 Acq On : 11 Jul 2025 17:02
 Operator : MD/SY
 Sample : MDL05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Quant Time: Jul 12 03:59:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.358	168	98344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	181303	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	165584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	84841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	70331	56.052	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.100%
35) Dibromofluoromethane	5.277	113	54192	49.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.180%
50) Toluene-d8	7.888	98	166298	46.682	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.360%
62) 4-Bromofluorobenzene	10.624	95	75778	48.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.260%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.383	85	292	0.373	ug/l #	43
3) Chloromethane	1.519	50	805	0.845	ug/l	97
4) Vinyl Chloride	1.599	62	531	0.503	ug/l #	79
5) Bromomethane	1.850	94	835	1.128	ug/l #	71
6) Chloroethane	1.920	64	622	0.813	ug/l	91
7) Trichlorofluoromethane	2.123	101	824	0.484	ug/l #	83
8) Diethyl Ether	2.367	74	312	0.439	ug/l	65
9) 1,1,2-Trichlorotrifluo...	2.570	101	509	0.505	ug/l	93
10) Methyl Iodide	2.708	142	787	0.748	ug/l #	77
11) Tert butyl alcohol	3.200	59	1498	3.561	ug/l #	82
12) 1,1-Dichloroethene	2.570	96	776	0.827	ug/l #	63
13) Acrolein	2.483	56	440	7.410	ug/l #	38
14) Allyl chloride	2.904	41	1217	0.545	ug/l #	78
15) Acrylonitrile	3.306	53	3186	3.536	ug/l #	81
16) Acetone	2.621	43	3714	3.529	ug/l	93
17) Carbon Disulfide	2.772	76	1810	0.807	ug/l #	91
18) Methyl Acetate	2.949	43	1933	0.714	ug/l #	86
19) Methyl tert-butyl Ether	3.361	73	1830	0.452	ug/l	99
20) Methylene Chloride	3.023	84	1194	0.778	ug/l #	93
21) trans-1,2-Dichloroethene	3.338	96	603	0.598	ug/l #	77
22) Diisopropyl ether	3.994	45	1860	0.489	ug/l #	76
23) Vinyl Acetate	3.965	43	6534	2.214	ug/l	98
24) 1,1-Dichloroethane	3.846	63	651	0.302	ug/l #	82
25) 2-Butanone	4.698	43	131	0.111	ug/l #	49
26) 2,2-Dichloropropane	4.644	77	788	0.420	ug/l #	57
27) cis-1,2-Dichloroethene	4.653	96	337	0.253	ug/l	27
28) Bromochloromethane	4.965	49	518	0.511	ug/l #	92
29) Tetrahydrofuran	5.078	42	2238	3.003	ug/l #	80
30) Chloroform	5.081	83	1212	0.532	ug/l	93
31) Cyclohexane	5.358	56	3759	2.167	ug/l #	47
32) 1,1,1-Trichloroethane	5.290	97	800	0.412	ug/l #	49
36) 1,1-Dichloropropene	5.505	75	278	0.187	ug/l #	63
37) Ethyl Acetate	4.837	43	159	0.066	ug/l #	70
38) Carbon Tetrachloride	5.505	117	829	0.507	ug/l #	70
39) Methylcyclohexane	6.740	83	891	0.497	ug/l #	93
40) Benzene	5.772	78	2287	0.493	ug/l	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.943	41	90	0.079	ug/l #	21
42) 1,2-Dichloroethane	5.792	62	947	0.543	ug/l #	76
43) Isopropyl Acetate	5.898	43	61	0.019	ug/l #	61
44) Trichloroethene	6.538	130	509	0.410	ug/l	99
45) 1,2-Dichloropropane	6.788	63	545	0.423	ug/l #	43
46) Dibromomethane	6.907	93	226	0.246	ug/l #	74
47) Bromodichloromethane	7.103	83	634	0.332	ug/l #	89
48) Methyl methacrylate	6.972	41	358	0.242	ug/l #	19
49) 1,4-Dioxane	6.981	88	186	5.741	ug/l #	3
51) 4-Methyl-2-Pentanone	7.792	43	6049	2.616	ug/l	97
52) Toluene	7.965	92	1530	0.504	ug/l	80
53) t-1,3-Dichloropropene	8.210	75	624	0.374	ug/l #	57
54) cis-1,3-Dichloropropene	7.605	75	706	0.378	ug/l #	73
55) 1,1,2-Trichloroethane	8.396	97	625	0.485	ug/l #	82
56) Ethyl methacrylate	8.345	69	664	0.320	ug/l #	58
57) 1,3-Dichloropropane	8.573	76	1065	0.502	ug/l #	67
59) 2-Hexanone	8.692	43	5182	2.963	ug/l	88
60) Dibromochloromethane	8.804	129	490	0.340	ug/l	92
61) 1,2-Dibromoethane	8.917	107	593	0.469	ug/l #	60
64) Tetrachloroethene	8.541	164	463	0.376	ug/l	93
65) Chlorobenzene	9.441	112	1737	0.504	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.531	131	426	0.361	ug/l #	63
67) Ethyl Benzene	9.573	91	2968	0.501	ug/l	95
68) m/p-Xylenes	9.692	106	2340	1.036	ug/l	93
69) o-Xylene	10.097	106	923	0.402	ug/l	80
70) Styrene	10.116	104	1680	0.460	ug/l #	79
71) Bromoform	10.283	173	316	0.307	ug/l #	96
73) Isopropylbenzene	10.476	105	2447	0.424	ug/l	99
74) N-amyl acetate	10.341	43	1138	0.440	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	10.772	83	861	0.405	ug/l #	96
76) 1,2,3-Trichloropropane	10.624	75	42399	18.860	ug/l #	83
77) Bromobenzene	10.779	156	628	0.444	ug/l	57
78) n-propylbenzene	10.901	91	3691	0.551	ug/l	86
79) 2-Chlorotoluene	10.981	91	2361	0.562	ug/l	88
80) 1,3,5-Trimethylbenzene	11.084	105	2315	0.458	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.624	75	42399	94.062	ug/l #	12
82) 4-Chlorotoluene	11.097	91	2397	0.503	ug/l	97
83) tert-Butylbenzene	11.415	119	2090	0.432	ug/l	84
84) 1,2,4-Trimethylbenzene	11.470	105	2295	0.463	ug/l	95
85) sec-Butylbenzene	11.637	105	3417	0.535	ug/l	91
86) p-Isopropyltoluene	11.791	119	2709	0.523	ug/l	86
87) 1,3-Dichlorobenzene	11.743	146	1526	0.560	ug/l	99
88) 1,4-Dichlorobenzene	11.743	146	1526	0.549	ug/l	99
89) n-Butylbenzene	12.209	91	2887	0.602	ug/l	86
90) Hexachloroethane	12.463	117	166	0.191	ug/l	89
91) 1,2-Dichlorobenzene	12.216	146	1468	0.552	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	12.994	75	149	0.296	ug/l	79
93) 1,2,4-Trichlorobenzene	13.852	180	1241	0.729	ug/l	94
94) Hexachlorobutadiene	14.010	225	277	0.381	ug/l #	59
95) Naphthalene	14.106	128	5117	0.918	ug/l #	85
96) 1,2,3-Trichlorobenzene	14.328	180	1080	0.645	ug/l	89

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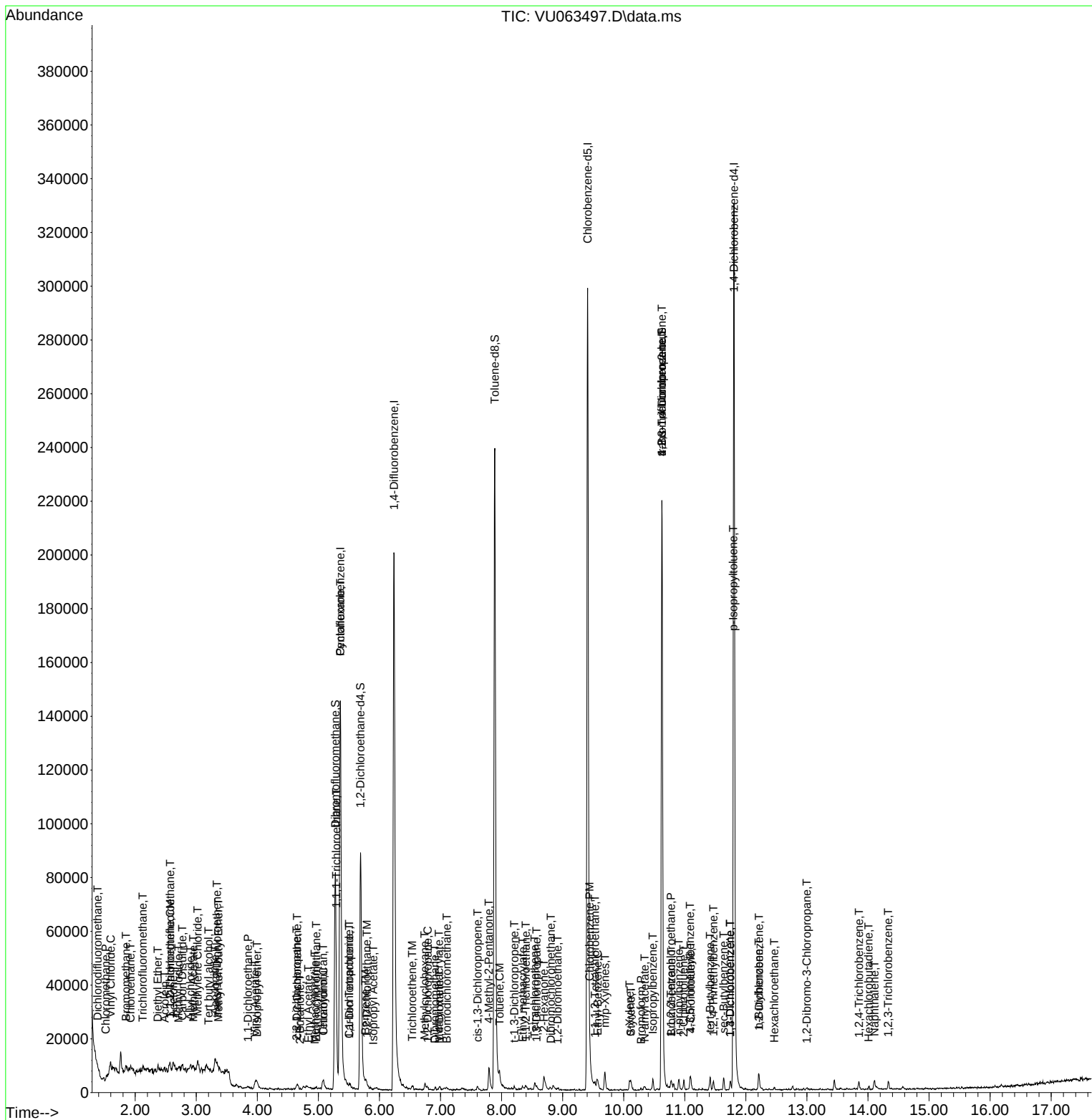
Instrument :
MSVOA_U
ClientSampleId :
MDL05

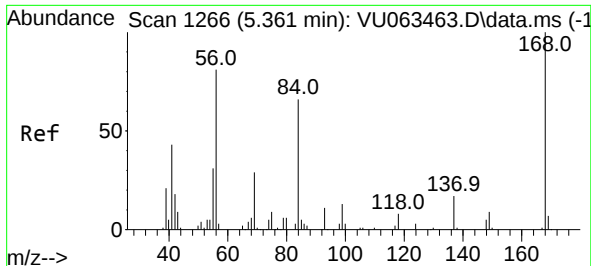
Quant Time: Jul 12 03:59:50 2025
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Quant Title : SW846 8260
QLast Update : Sat Jul 12 03:41:46 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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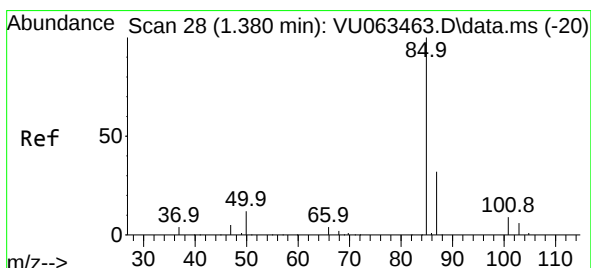
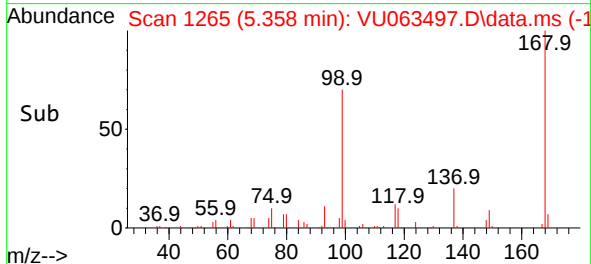
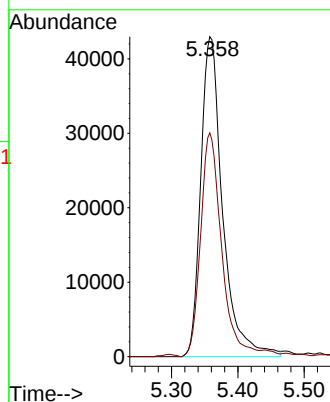
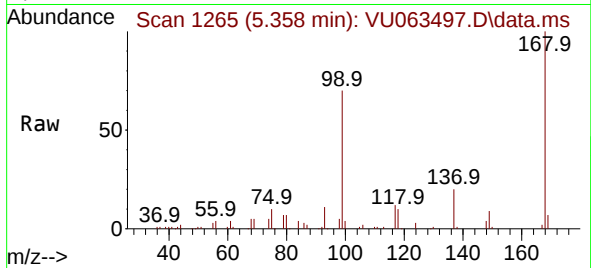




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.358 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

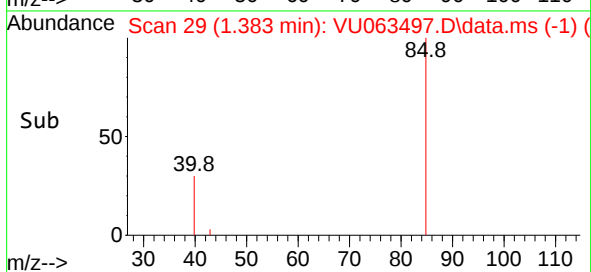
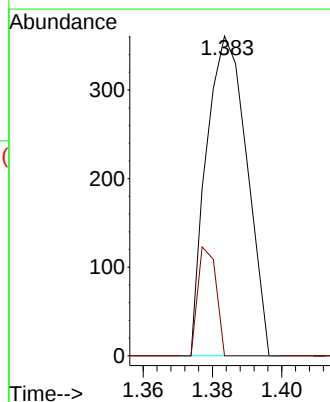
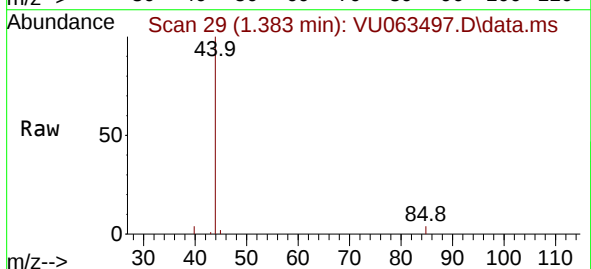
Instrument :
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ClientSampleId :
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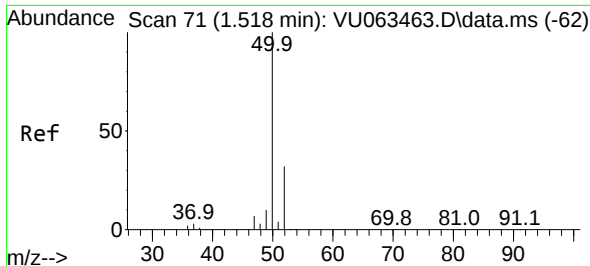
Tgt Ion:168 Resp: 98344
Ion Ratio Lower Upper
168 100
99 70.0 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 0.373 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 85 Resp: 292
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

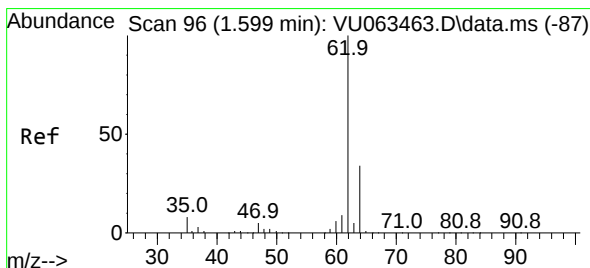
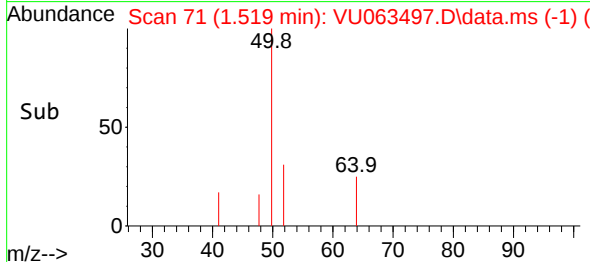
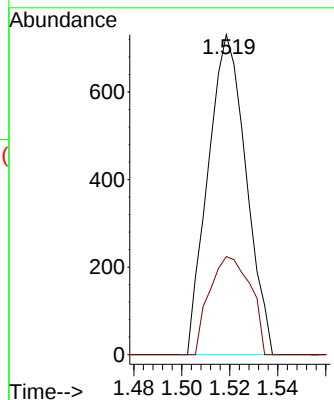
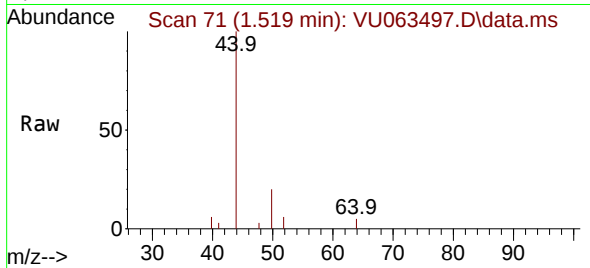




#3
 Chloromethane
 Concen: 0.845 ug/l
 RT: 1.519 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

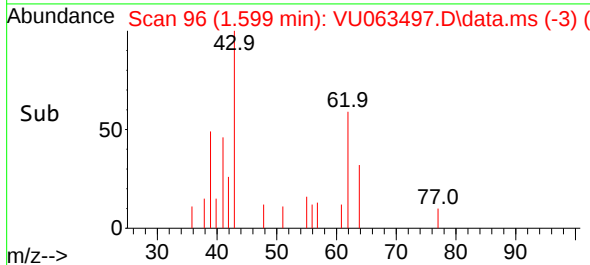
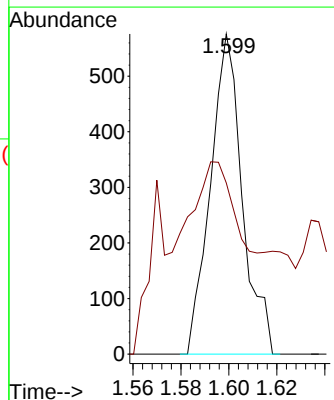
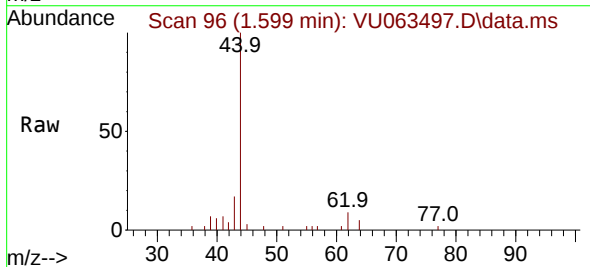
Instrument :
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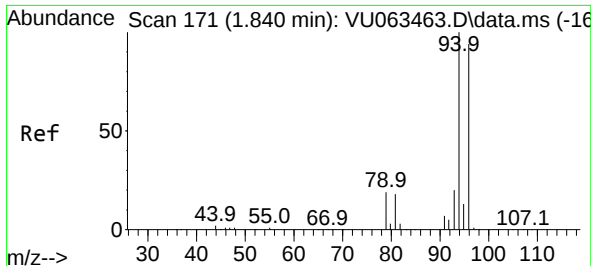
Tgt Ion: 50 Resp: 805
 Ion Ratio Lower Upper
 50 100
 52 30.6 25.8 38.8



#4
 Vinyl Chloride
 Concen: 0.503 ug/l
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

Tgt Ion: 62 Resp: 531
 Ion Ratio Lower Upper
 62 100
 64 21.5 26.9 40.3#

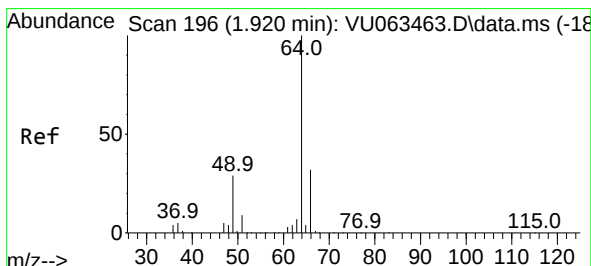
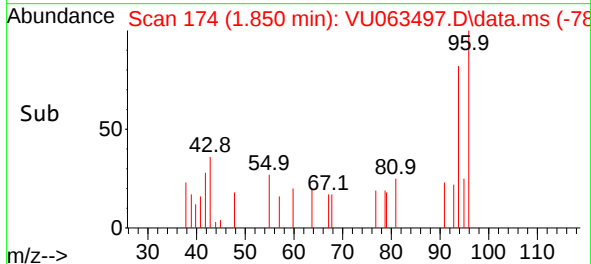
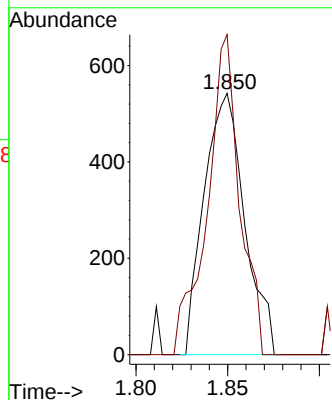
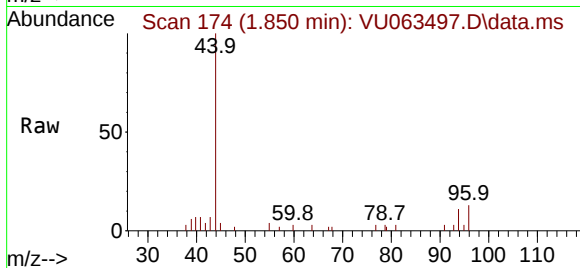




#5
Bromomethane
Concen: 1.128 ug/l
RT: 1.850 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

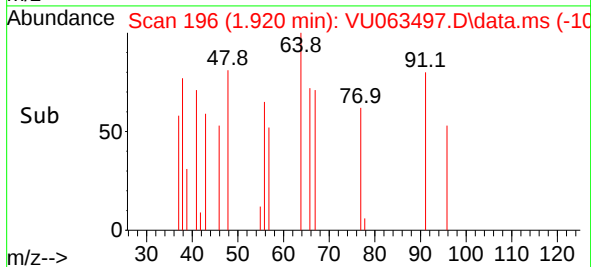
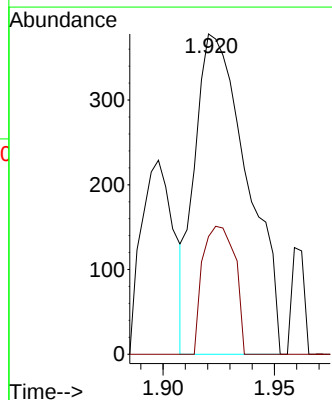
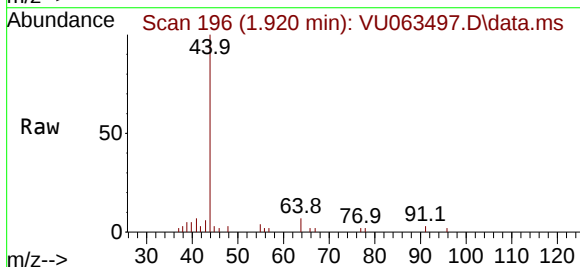
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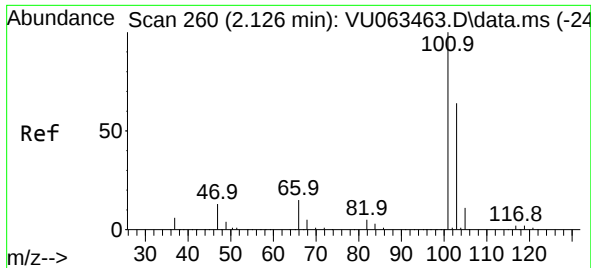
Tgt Ion: 94 Resp: 835
Ion Ratio Lower Upper
94 100
96 122.5 75.5 113.3#



#6
Chloroethane
Concen: 0.813 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 64 Resp: 622
Ion Ratio Lower Upper
64 100
66 36.8 25.3 37.9

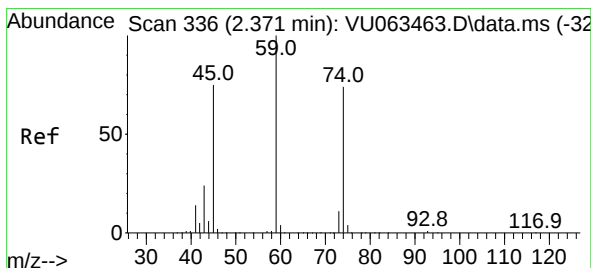
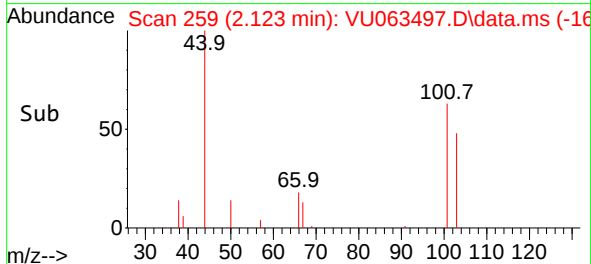
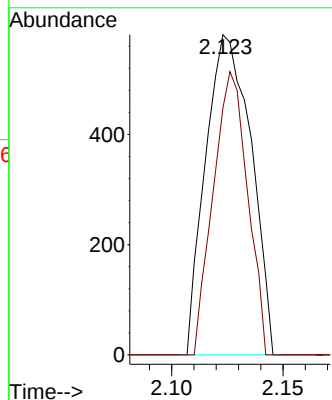
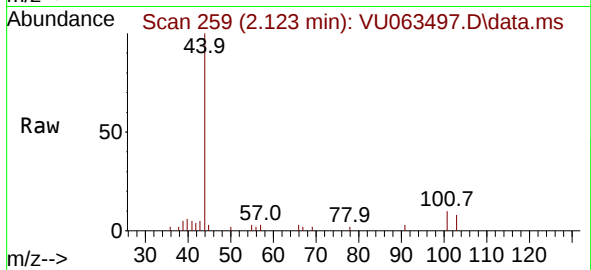




#7
 Trichlorofluoromethane
 Concen: 0.484 ug/l
 RT: 2.123 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

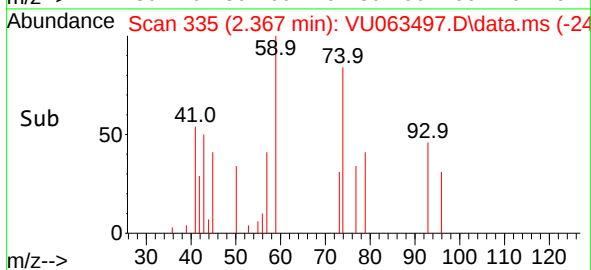
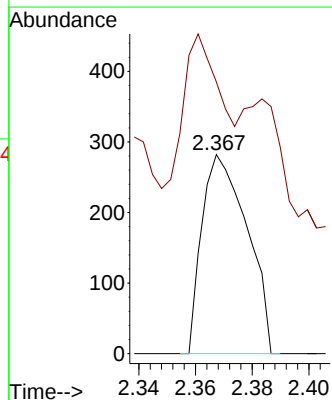
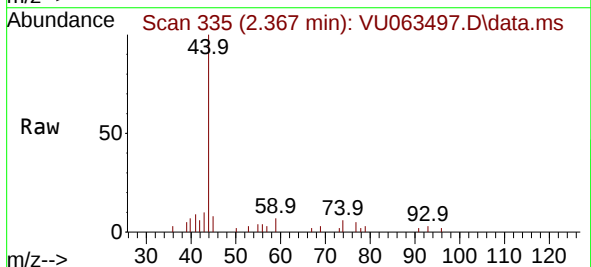
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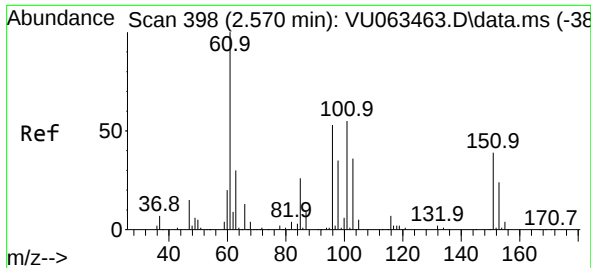
Tgt Ion:101 Resp: 824
 Ion Ratio Lower Upper
 101 100
 103 77.1 51.1 76.7#



#8
 Diethyl Ether
 Concen: 0.439 ug/l
 RT: 2.367 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

Tgt Ion: 74 Resp: 312
 Ion Ratio Lower Upper
 74 100
 45 64.1 49.7 149.1

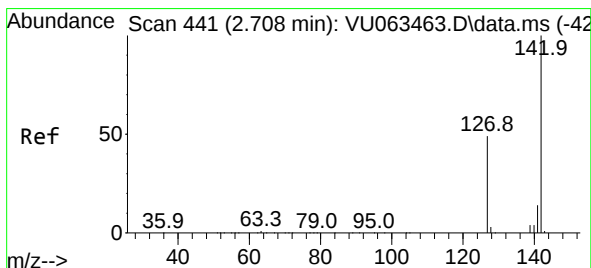
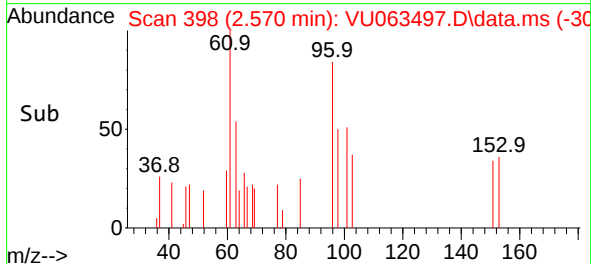
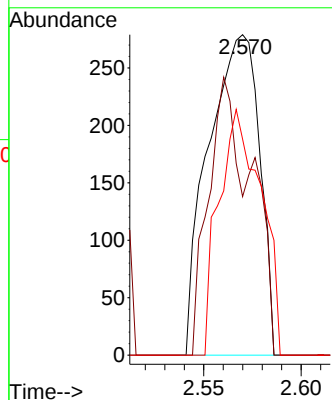
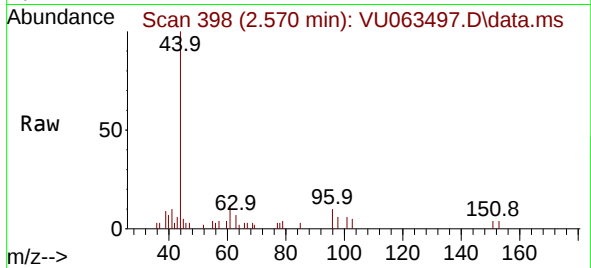




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.505 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

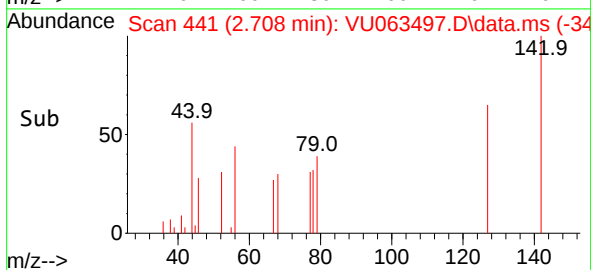
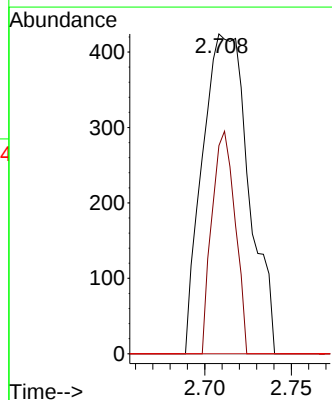
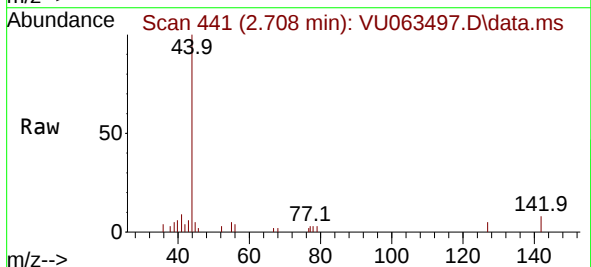
Instrument :
MSVOA_U
ClientSampleId :
MDL05

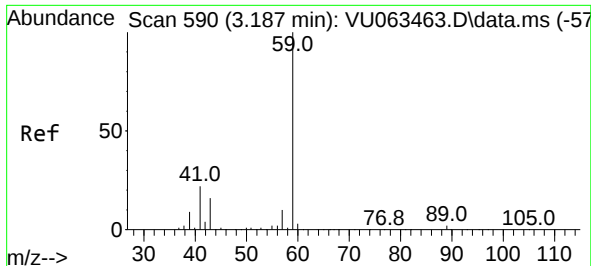
Tgt Ion:101 Resp: 509
Ion Ratio Lower Upper
101 100
85 50.9 39.6 59.4
151 63.5 57.2 85.8



#10
Methyl Iodide
Concen: 0.748 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion:142 Resp: 787
Ion Ratio Lower Upper
142 100
127 34.8 38.2 57.4#
141 0.0 11.1 16.7#

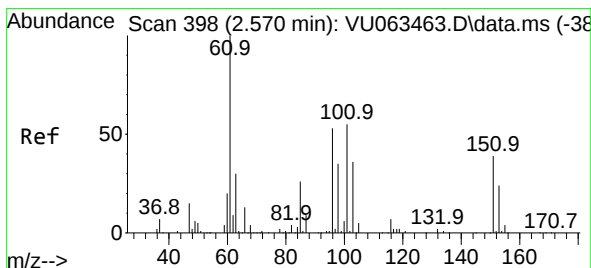
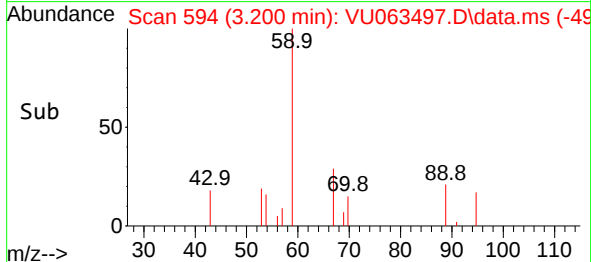
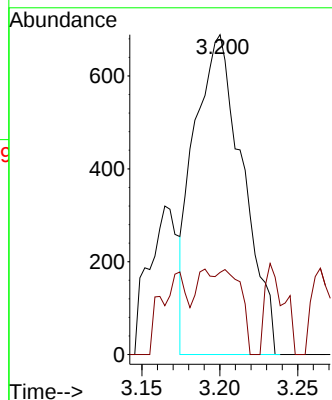
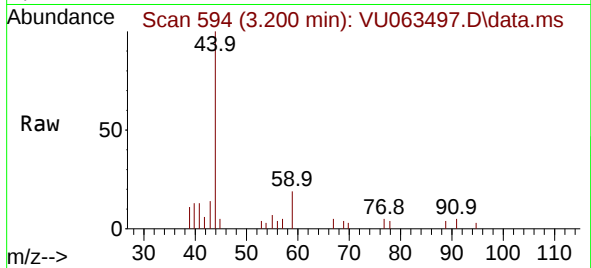




#11
Tert butyl alcohol
Concen: 3.561 ug/l
RT: 3.200 min Scan# 590
Delta R.T. 0.013 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

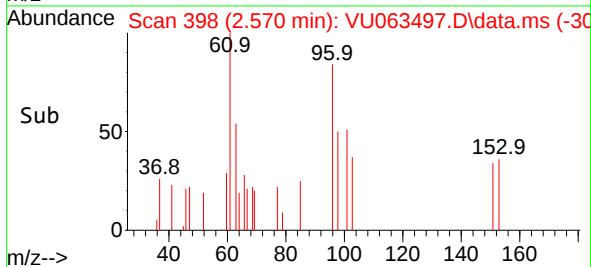
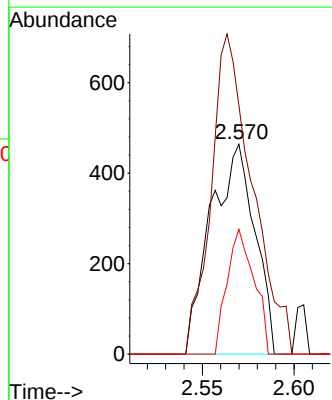
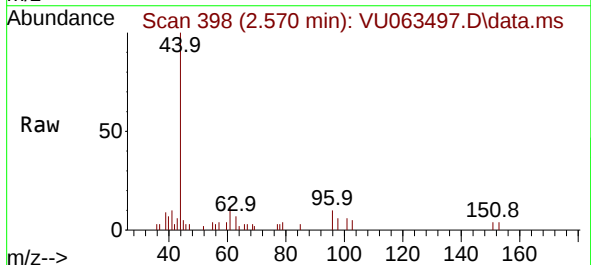
Instrument :
MSVOA_U
ClientSampleId :
MDL05

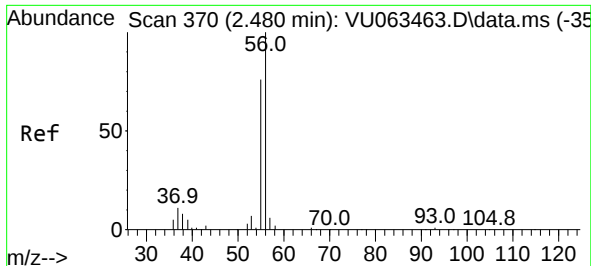
Tgt Ion: 59 Resp: 1498
Ion Ratio Lower Upper
59 100
57 4.1 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 0.827 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 96 Resp: 776
Ion Ratio Lower Upper
96 100
61 118.5 149.6 224.4#
98 59.5 52.0 78.0

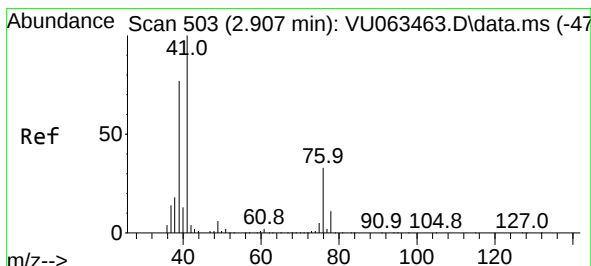
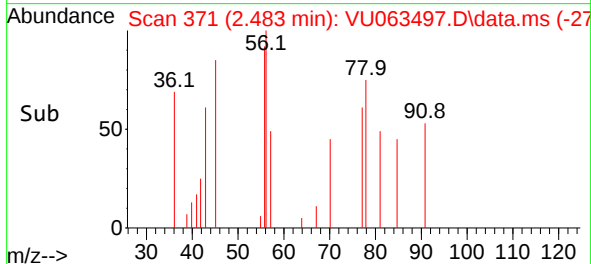
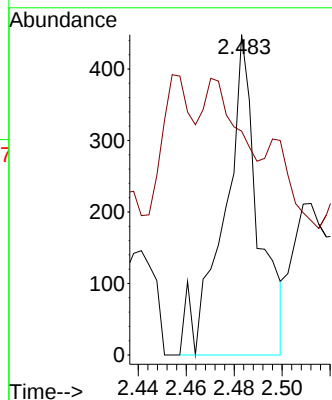
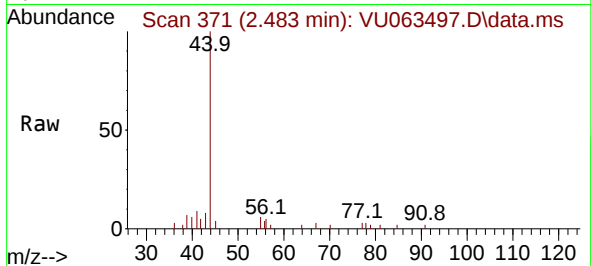




#13
Acrolein
Concen: 7.410 ug/l
RT: 2.483 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

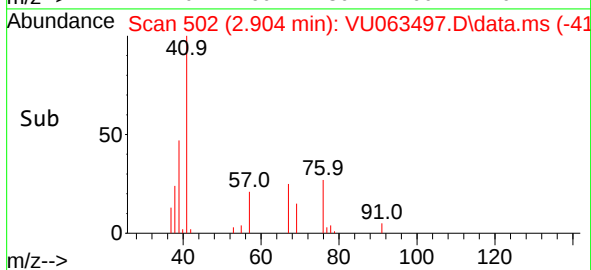
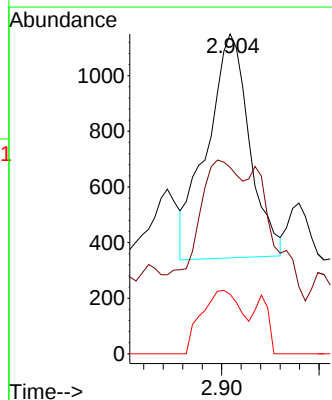
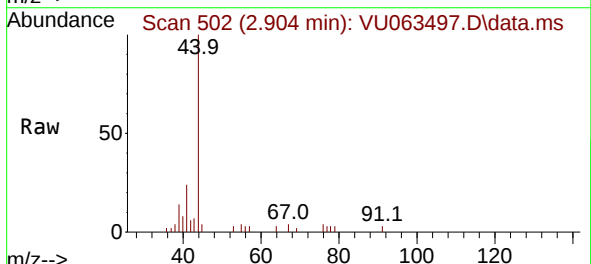
Instrument :
MSVOA_U
ClientSampleId :
MDL05

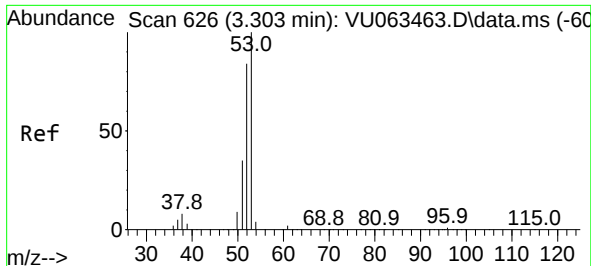
Tgt Ion: 56 Resp: 440
Ion Ratio Lower Upper
56 100
55 22.0 60.2 90.2#



#14
Allyl chloride
Concen: 0.545 ug/l
RT: 2.904 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 41 Resp: 1217
Ion Ratio Lower Upper
41 100
39 43.5 53.9 80.9#
76 27.0 23.1 34.7

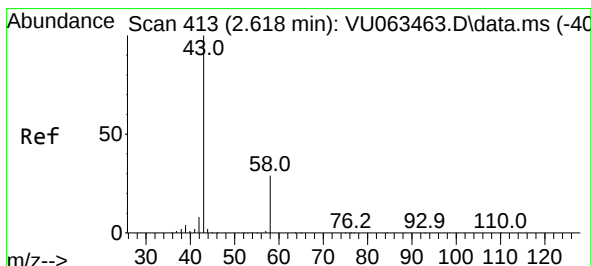
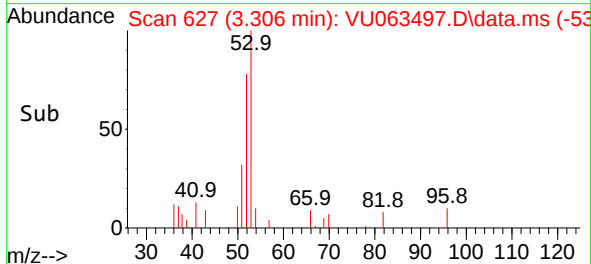
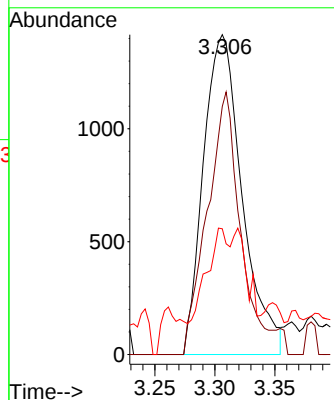
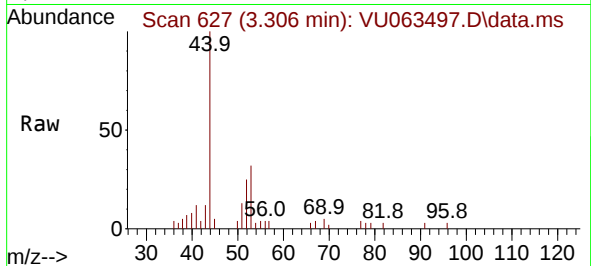




#15
Acrylonitrile
Concen: 3.536 ug/l
RT: 3.306 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

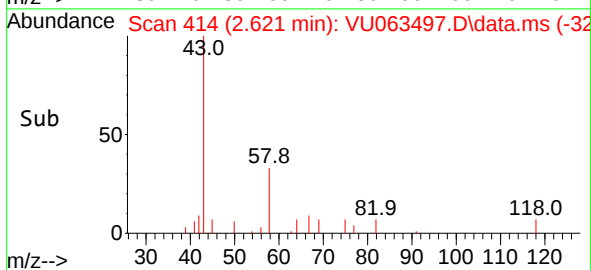
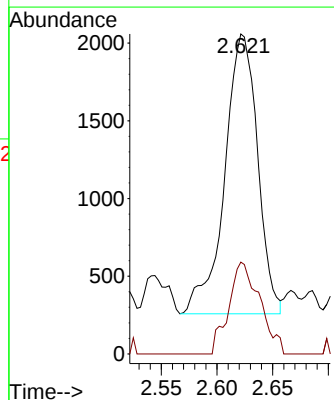
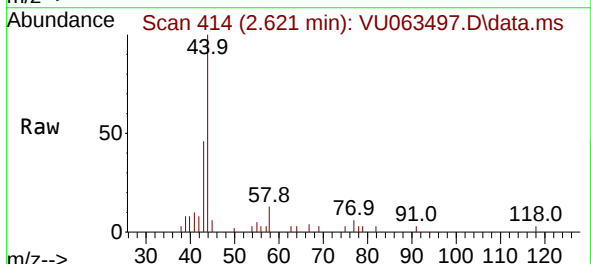
Instrument :
MSVOA_U
ClientSampleId :
MDL05

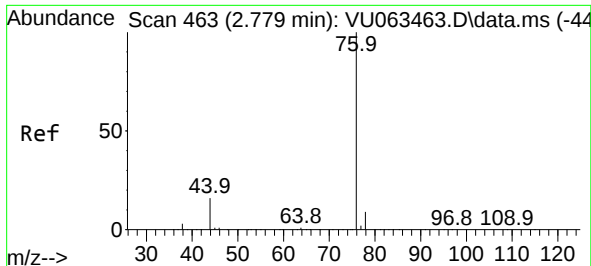
Tgt Ion: 53 Resp: 3186
Ion Ratio Lower Upper
53 100
52 69.8 65.0 97.4
51 16.8 28.8 43.2#



#16
Acetone
Concen: 3.529 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 43 Resp: 3714
Ion Ratio Lower Upper
43 100
58 32.8 23.1 34.7

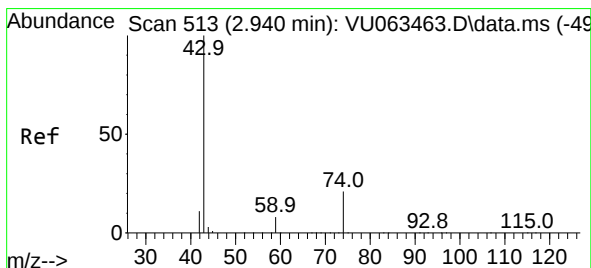
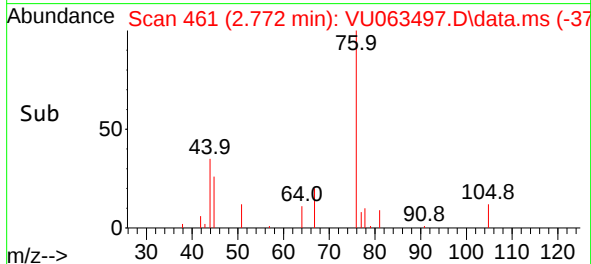
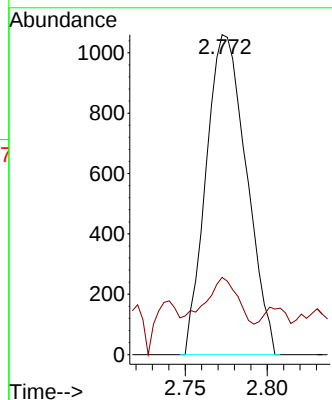
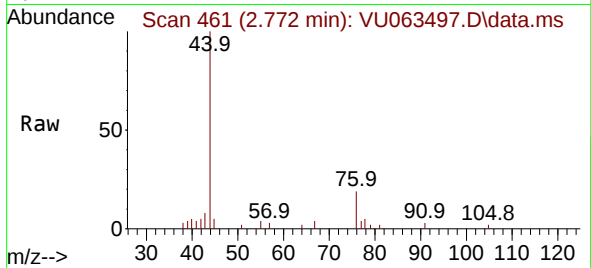




#17
Carbon Disulfide
Concen: 0.807 ug/l
RT: 2.772 min Scan# 41
Delta R.T. -0.007 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

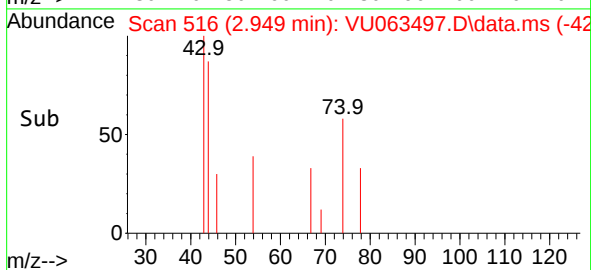
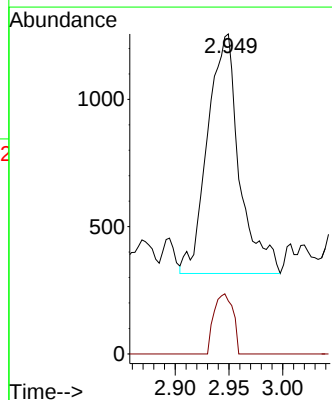
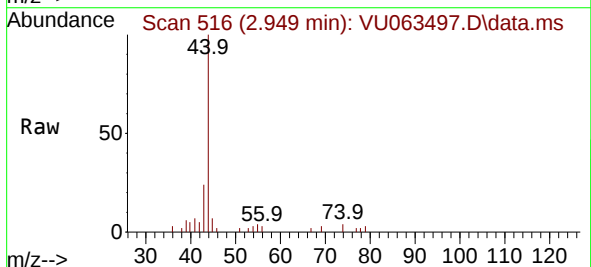
Instrument :
MSVOA_U
ClientSampleId :
MDL05

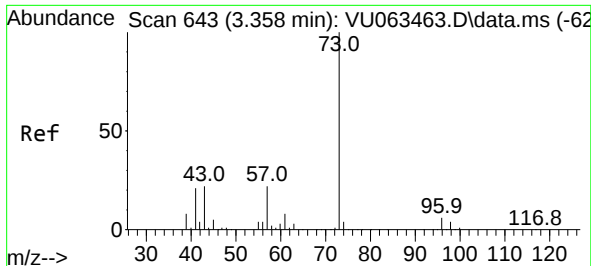
Tgt Ion: 76 Resp: 1810
Ion Ratio Lower Upper
76 100
78 12.6 7.5 11.3#



#18
Methyl Acetate
Concen: 0.714 ug/l
RT: 2.949 min Scan# 516
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 43 Resp: 1933
Ion Ratio Lower Upper
43 100
74 15.0 17.3 25.9#

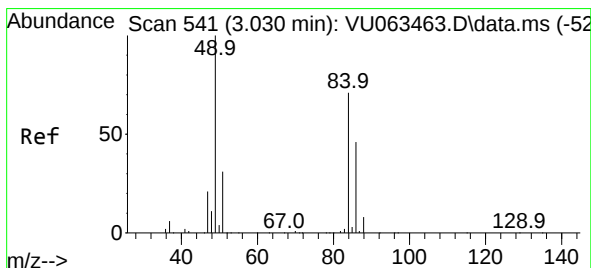
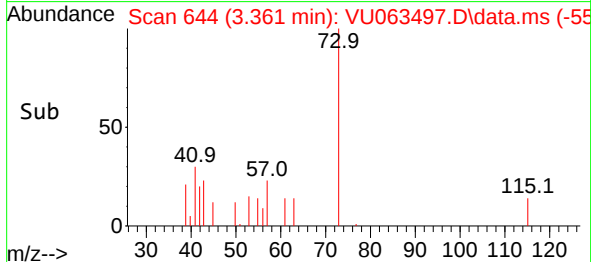
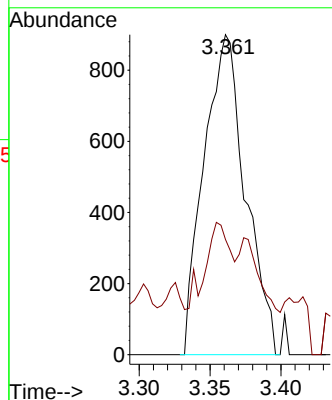
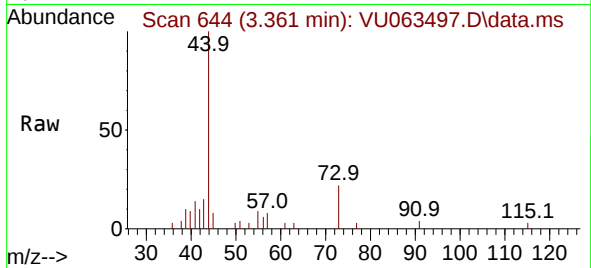




#19
Methyl tert-butyl Ether
Concen: 0.452 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

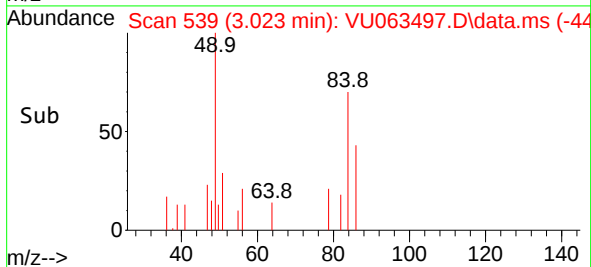
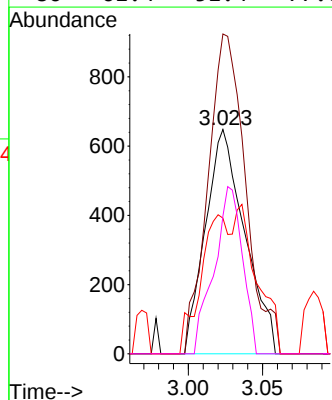
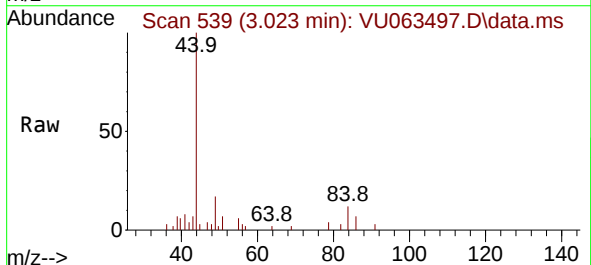
Instrument :
MSVOA_U
ClientSampleId :
MDL05

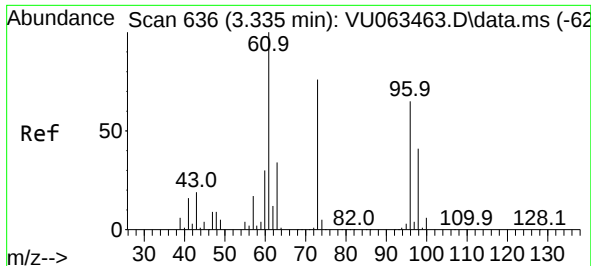
Tgt Ion: 73 Resp: 1830
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.6



#20
Methylene Chloride
Concen: 0.778 ug/l
RT: 3.023 min Scan# 539
Delta R.T. -0.007 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 84 Resp: 1194
Ion Ratio Lower Upper
84 100
49 142.6 112.1 168.1
51 60.5 34.4 51.6#
86 61.4 51.4 77.0

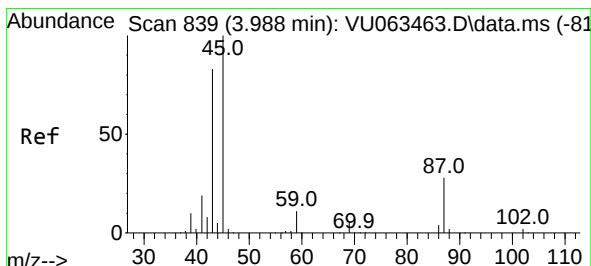
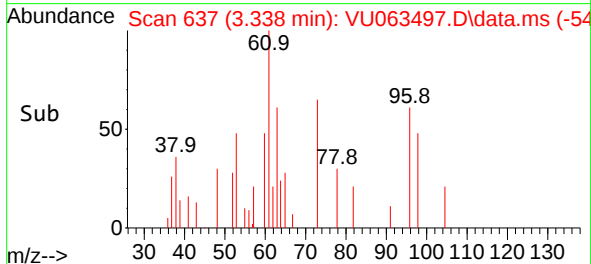
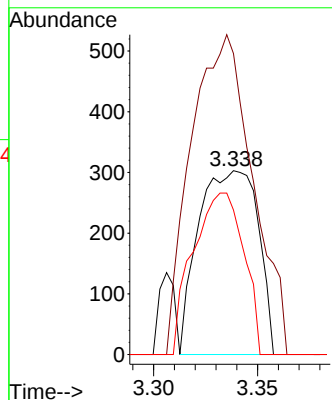
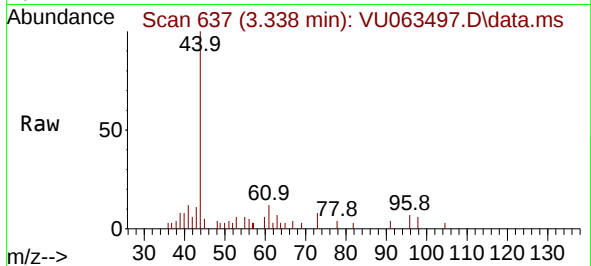




#21
trans-1,2-Dichloroethene
Concen: 0.598 ug/l
RT: 3.338 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

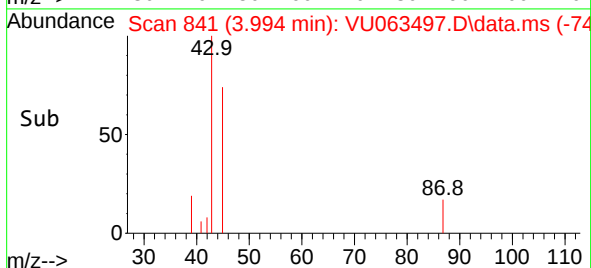
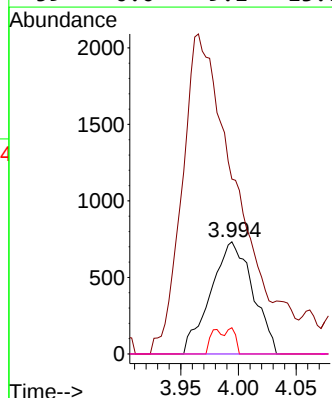
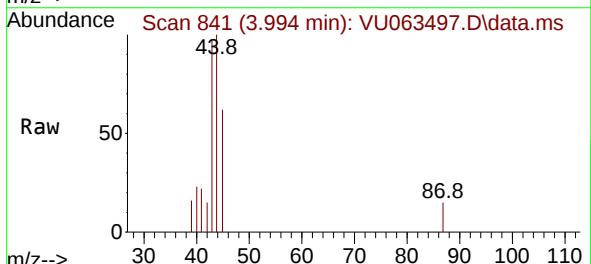
Instrument :
MSVOA_U
ClientSampleId :
MDL05

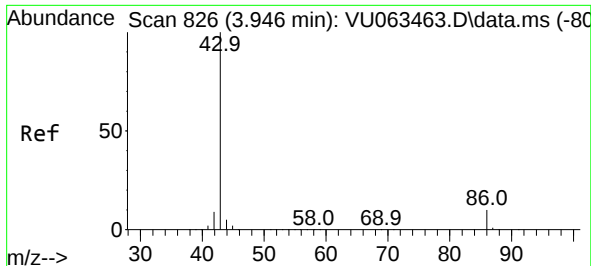
Tgt Ion: 96 Resp: 603
Ion Ratio Lower Upper
96 100
61 121.8 122.2 183.4#
98 78.5 49.9 74.9#



#22
Diisopropyl ether
Concen: 0.489 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 45 Resp: 1860
Ion Ratio Lower Upper
45 100
43 109.0 66.5 99.7#
87 23.3 22.6 33.8
59 0.0 9.1 13.7#

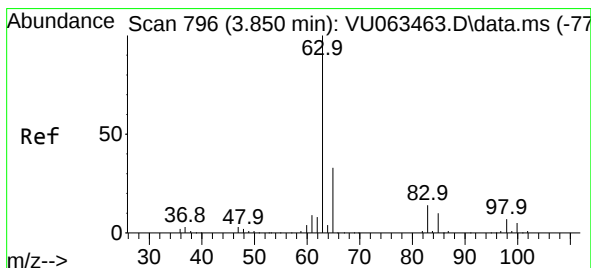
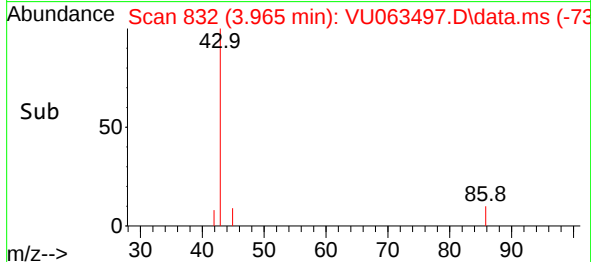
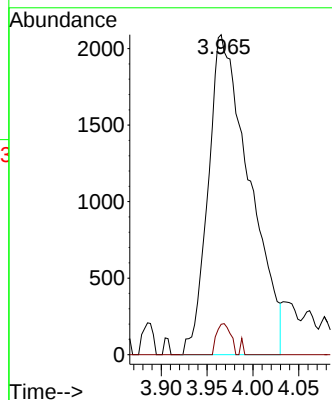
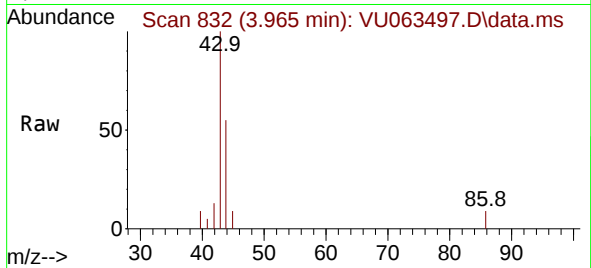




#23
 Vinyl Acetate
 Concen: 2.214 ug/l
 RT: 3.965 min Scan# 81
 Delta R.T. 0.019 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

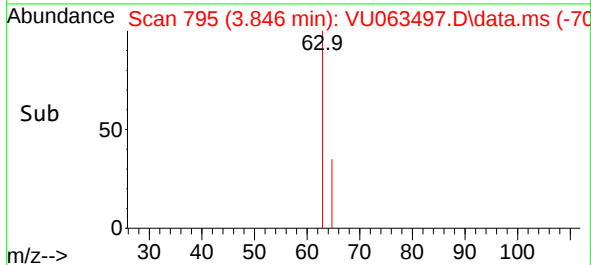
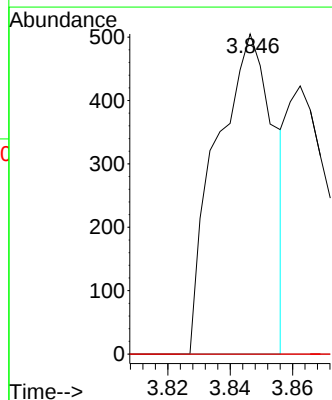
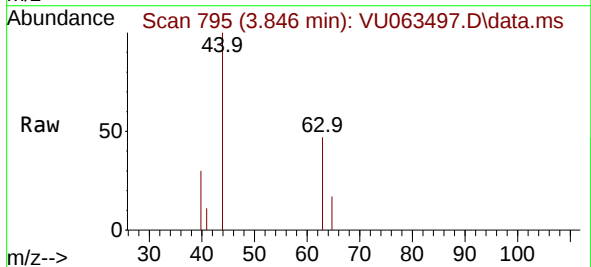
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

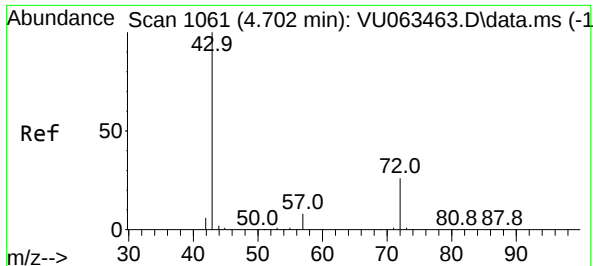
Tgt Ion: 43 Resp: 6534
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 0.302 ug/l
 RT: 3.846 min Scan# 795
 Delta R.T. -0.003 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

Tgt Ion: 63 Resp: 651
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 0.111 ug/l

RT: 4.698 min Scan# 1060

Delta R.T. -0.003 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

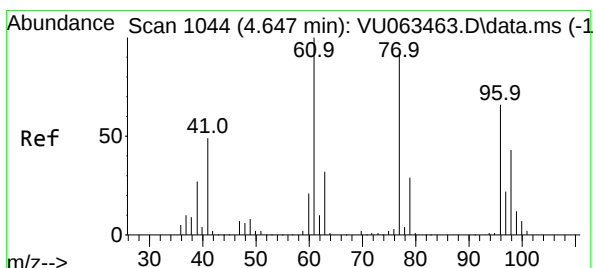
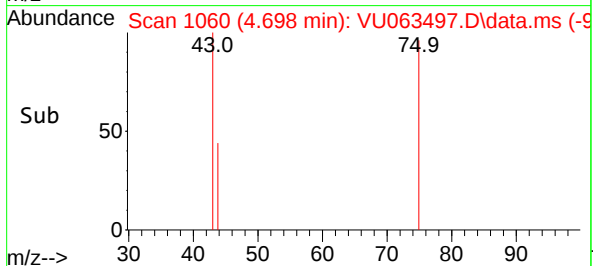
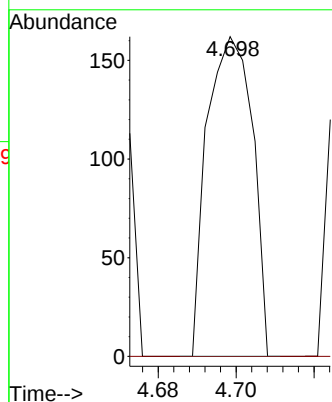
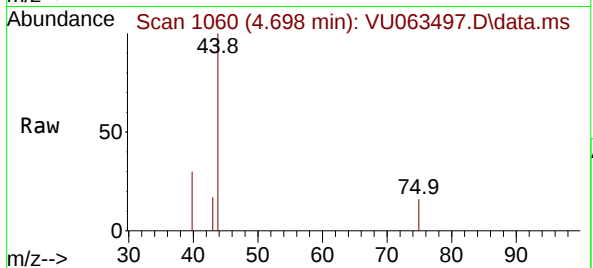
MDL05

Tgt Ion: 43 Resp: 131

Ion Ratio Lower Upper

43 100

72 0.0 20.7 31.1#



#26

2,2-Dichloropropane

Concen: 0.420 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.003 min

Lab File: VU063497.D

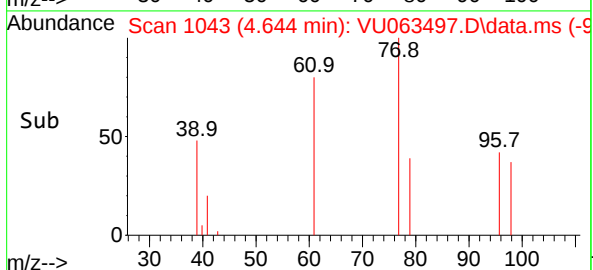
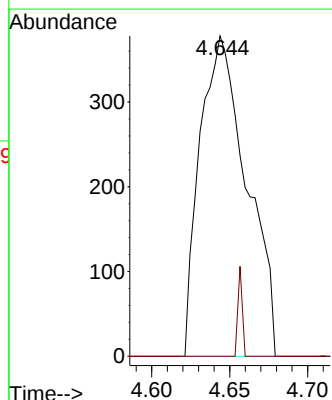
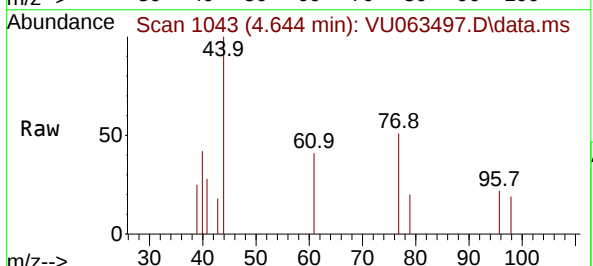
Acq: 11 Jul 2025 17:02

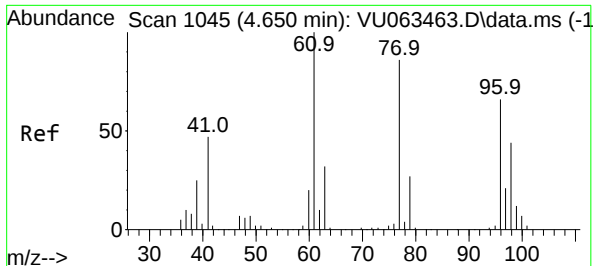
Tgt Ion: 77 Resp: 788

Ion Ratio Lower Upper

77 100

97 2.5 11.8 35.3#



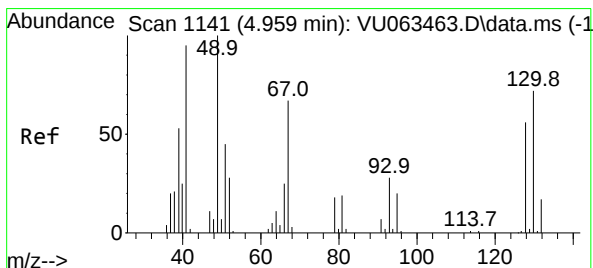
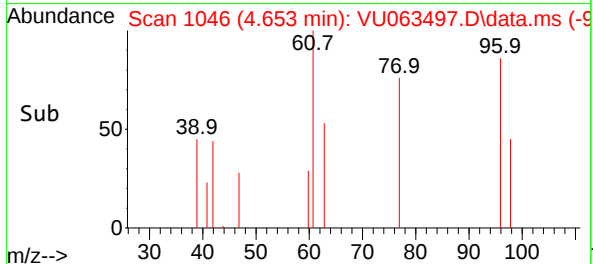
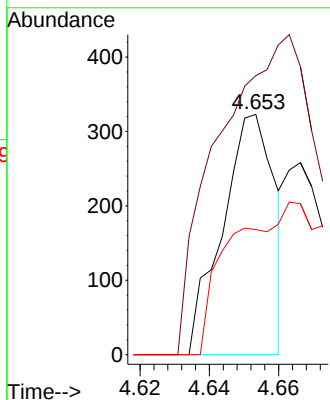
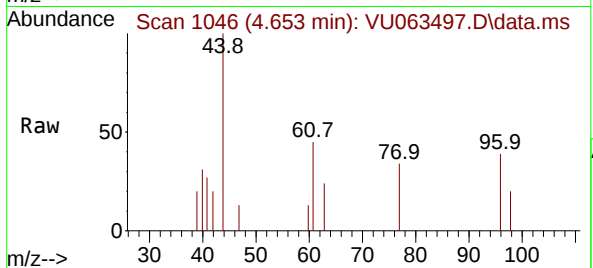


#27
 cis-1,2-Dichloroethene
 Concen: 0.253 ug/l
 RT: 4.653 min Scan# 1104
 Delta R.T. 0.003 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tgt Ion: 96 Resp: 337

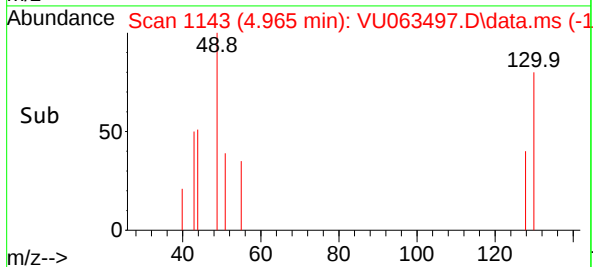
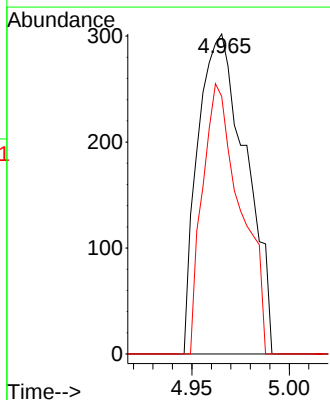
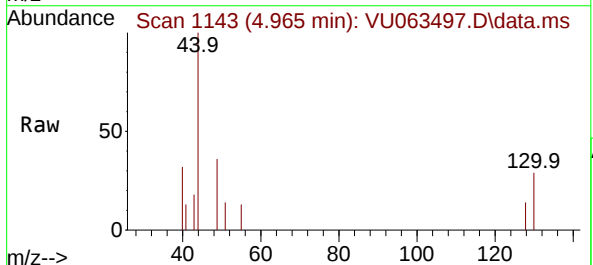
Ion	Ratio	Lower	Upper
96	100		
61	268.8	0.0	307.2
98	95.5	0.0	133.0

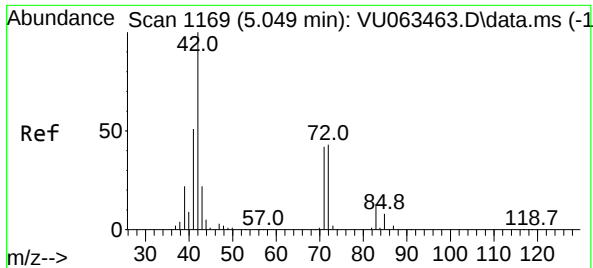


#28
 Bromochloromethane
 Concen: 0.511 ug/l
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

Tgt Ion: 49 Resp: 518

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	67.2	59.0	88.4

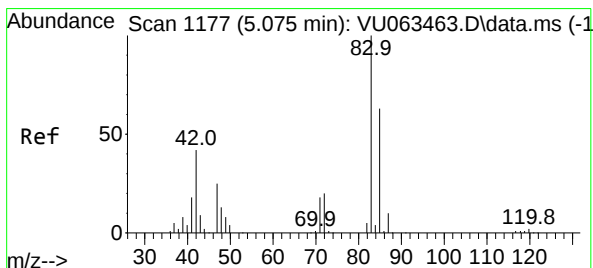
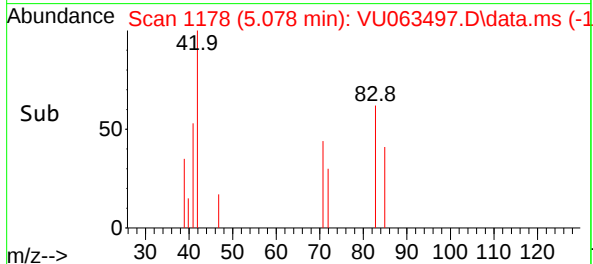
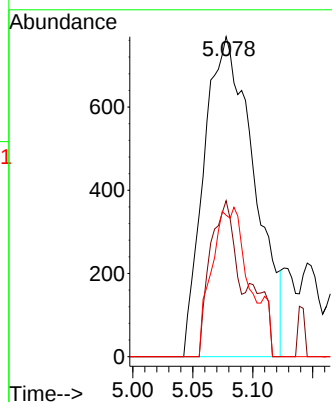
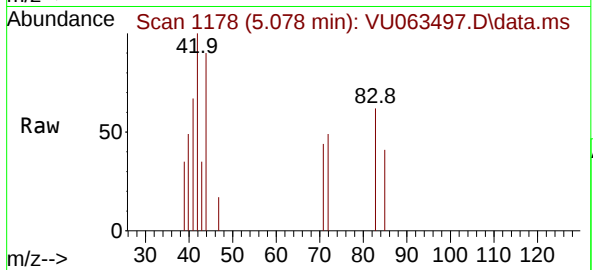




#29
Tetrahydrofuran
Concen: 3.003 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. 0.029 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

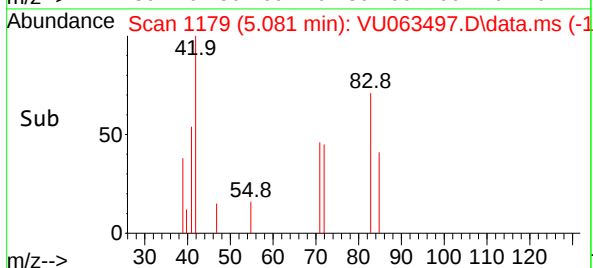
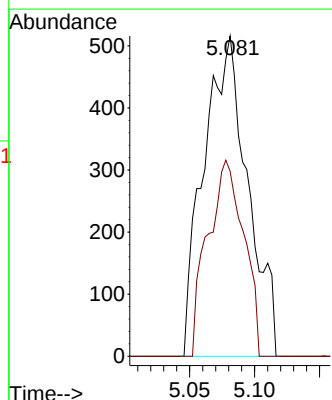
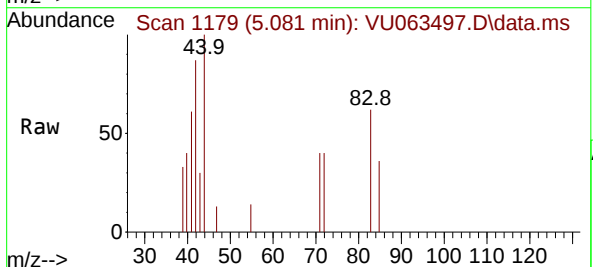
Instrument :
MSVOA_U
ClientSampleId :
MDL05

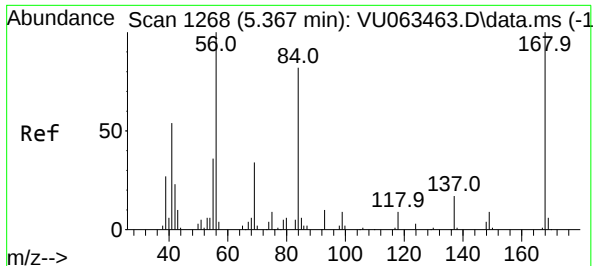
Tgt Ion: 42 Resp: 2238
Ion Ratio Lower Upper
42 100
72 26.1 36.2 54.4#
71 35.1 33.3 49.9



#30
Chloroform
Concen: 0.532 ug/l
RT: 5.081 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 83 Resp: 1212
Ion Ratio Lower Upper
83 100
85 57.8 50.7 76.1

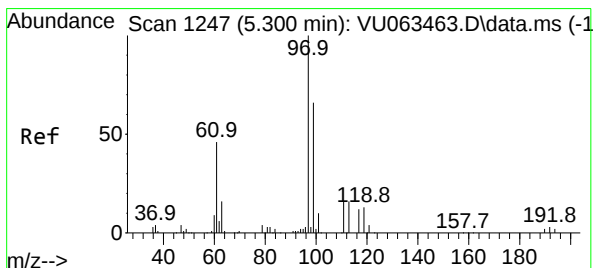
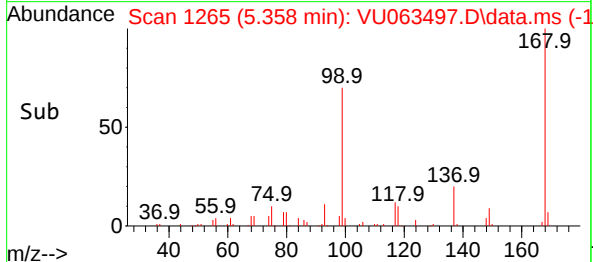
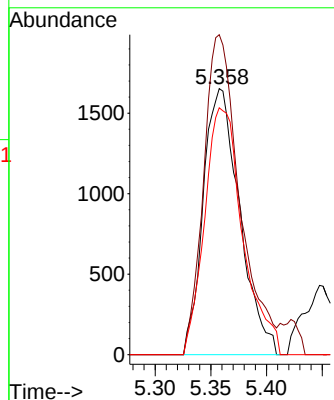
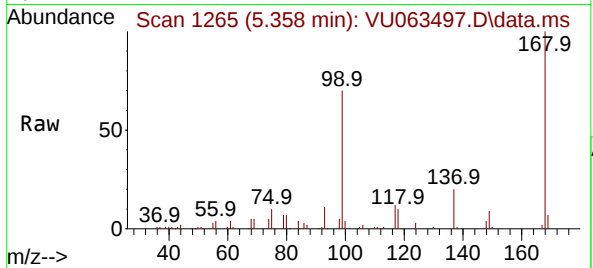




#31
Cyclohexane
Concen: 2.167 ug/l
RT: 5.358 min Scan# 1265
Delta R.T. -0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

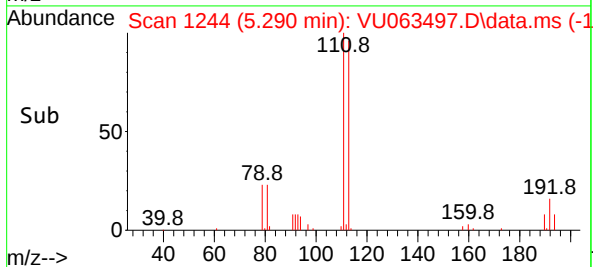
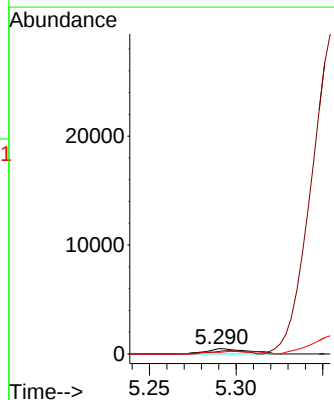
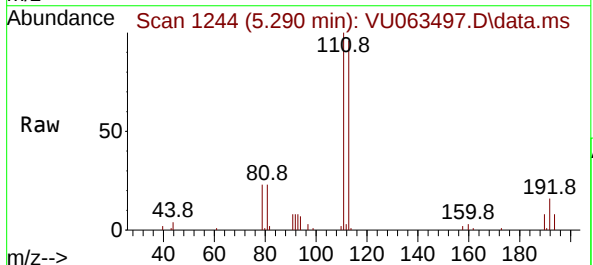
Instrument :
MSVOA_U
ClientSampleId :
MDL05

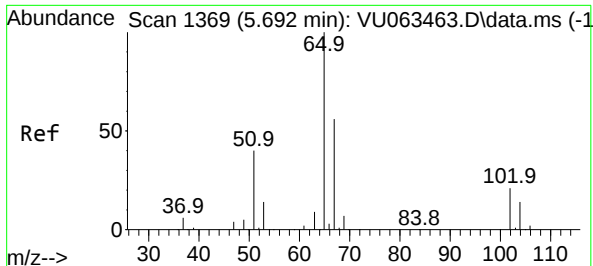
Tgt Ion: 56 Resp: 3759
Ion Ratio Lower Upper
56 100
69 120.3 27.0 40.4#
84 92.8 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 0.412 ug/l
RT: 5.290 min Scan# 1244
Delta R.T. -0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 97 Resp: 800
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 52.1 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 56.052 ug/l

RT: 5.689 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

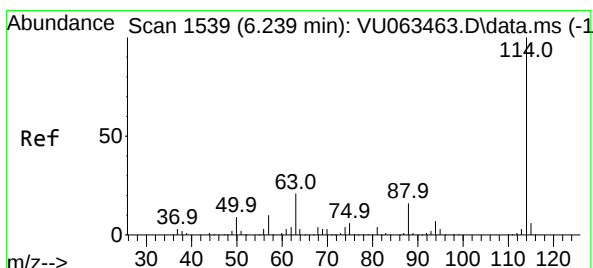
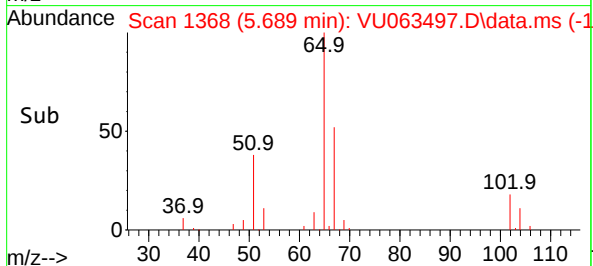
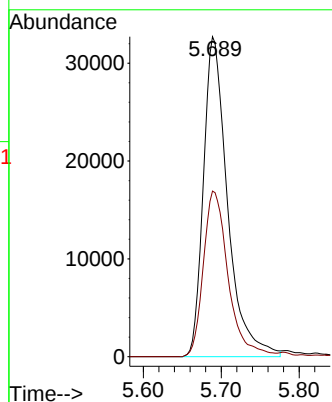
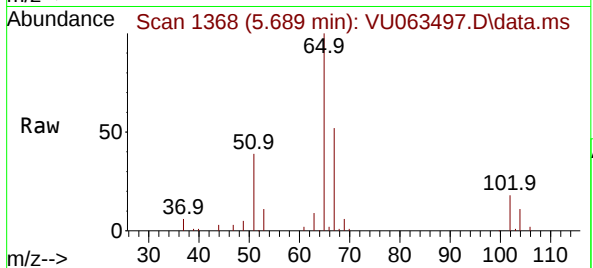
MDL05

Tgt Ion: 65 Resp: 70331

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.239 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

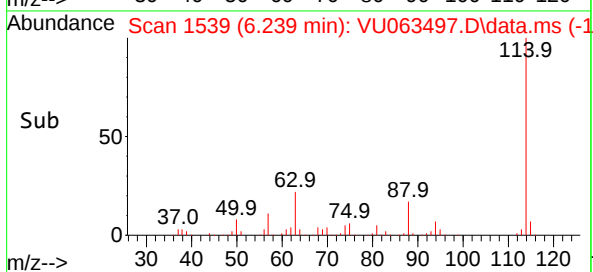
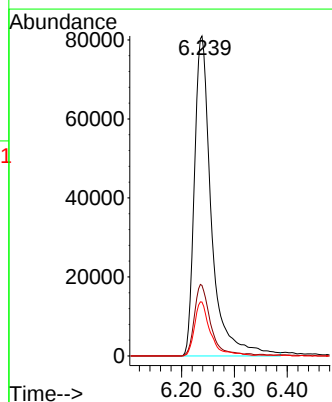
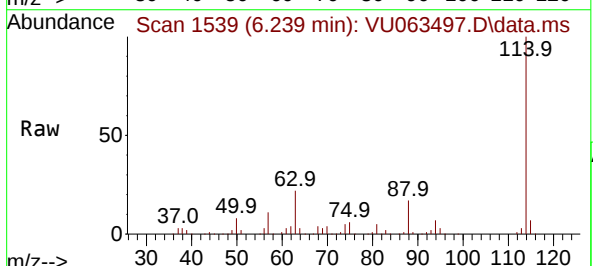
Tgt Ion: 114 Resp: 181303

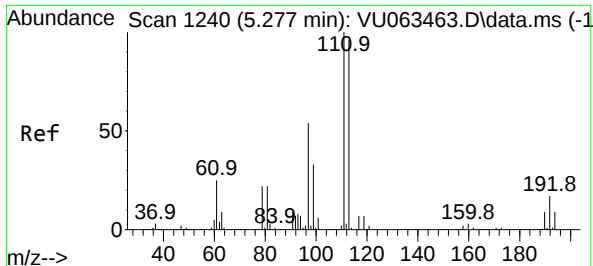
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.6

88 16.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.587 ug/l

RT: 5.277 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

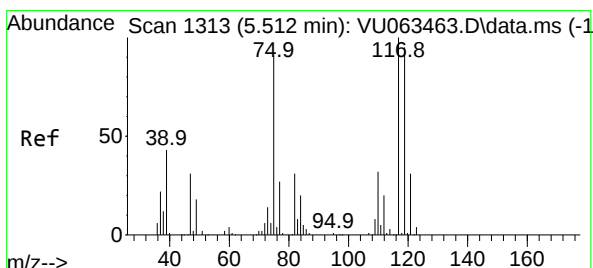
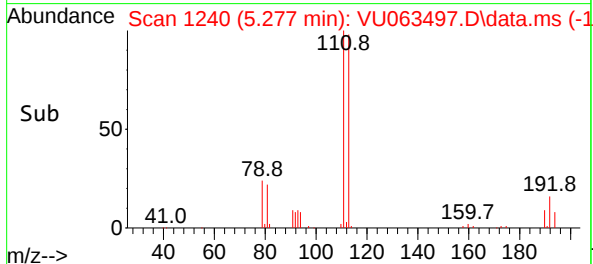
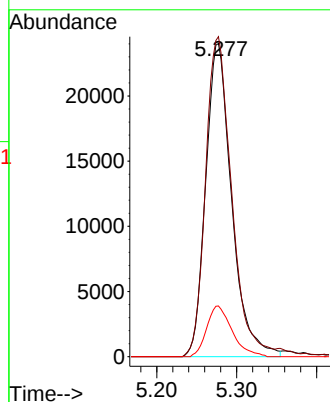
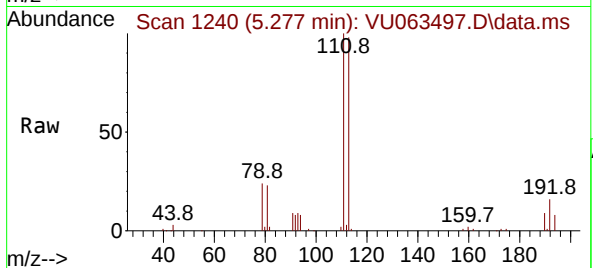
Tgt Ion:113 Resp: 54192

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 15.9 14.3 21.5



#36

1,1-Dichloropropene

Concen: 0.187 ug/l

RT: 5.505 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

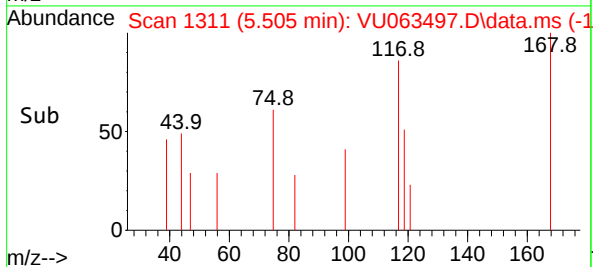
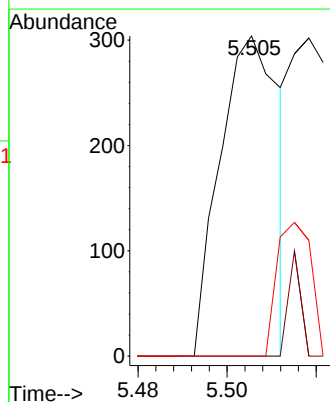
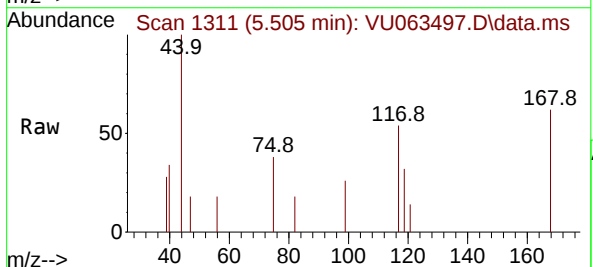
Tgt Ion: 75 Resp: 278

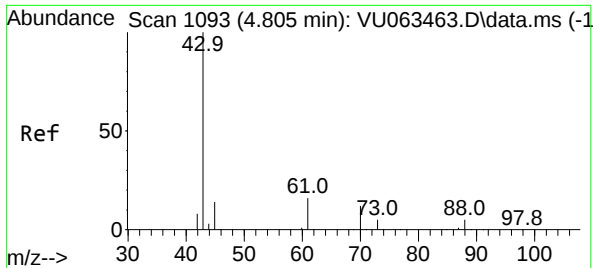
Ion Ratio Lower Upper

75 100

110 0.0 17.3 52.0#

77 24.1 23.9 35.9





#37

Ethyl Acetate

Concen: 0.066 ug/l

RT: 4.837 min Scan# 1103

Delta R.T. 0.032 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

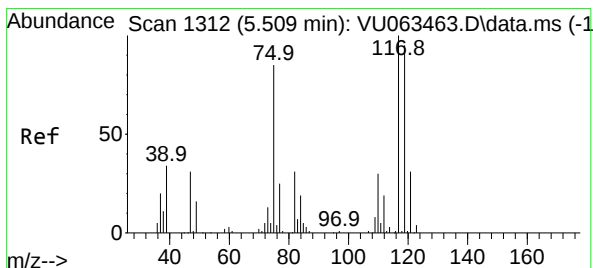
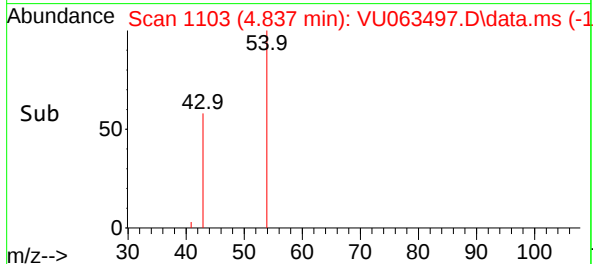
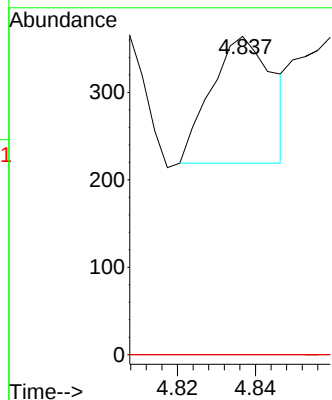
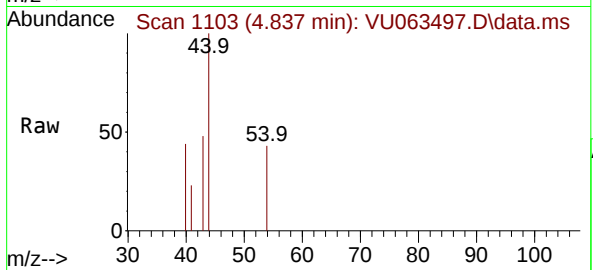
Tgt Ion: 43 Resp: 159

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 0.507 ug/l

RT: 5.505 min Scan# 1311

Delta R.T. -0.003 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

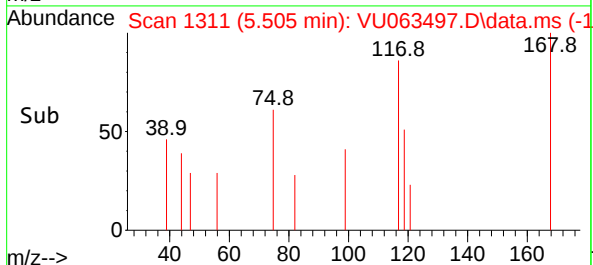
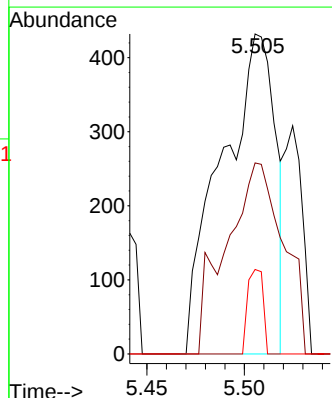
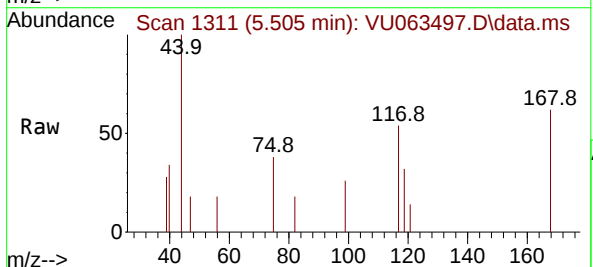
Tgt Ion: 117 Resp: 829

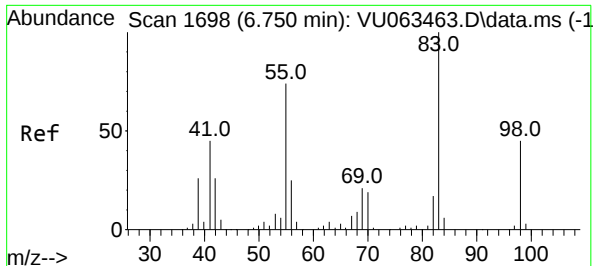
Ion Ratio Lower Upper

117 100

119 59.7 76.1 114.1#

121 26.4 25.0 37.4





#39

Methylcyclohexane

Concen: 0.497 ug/l

RT: 6.740 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

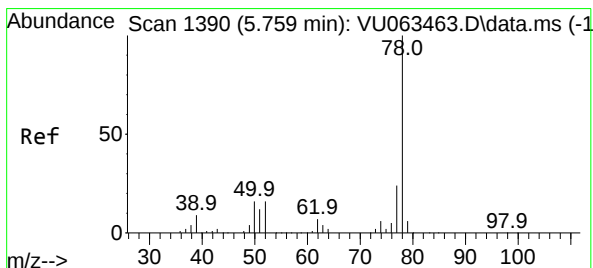
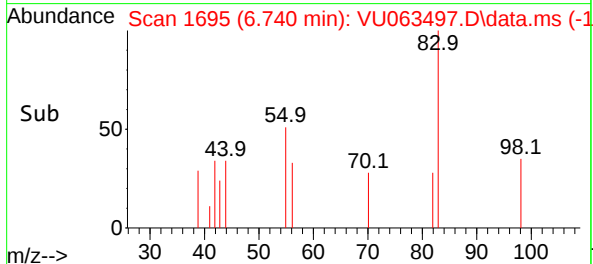
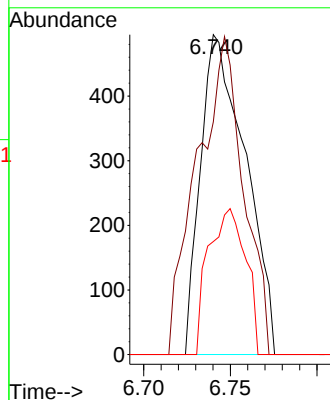
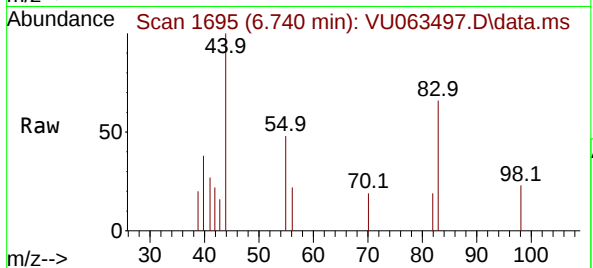
Tgt Ion: 83 Resp: 891

Ion Ratio Lower Upper

83 100

55 72.7 59.4 89.2

98 35.4 36.2 54.4#



#40

Benzene

Concen: 0.493 ug/l

RT: 5.772 min Scan# 1394

Delta R.T. 0.013 min

Lab File: VU063497.D

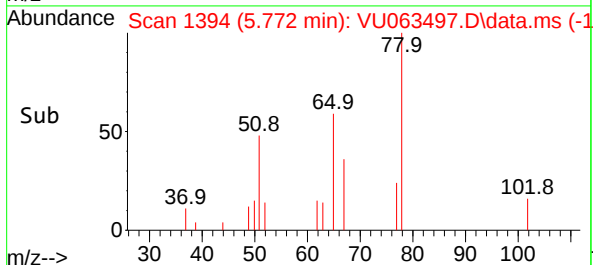
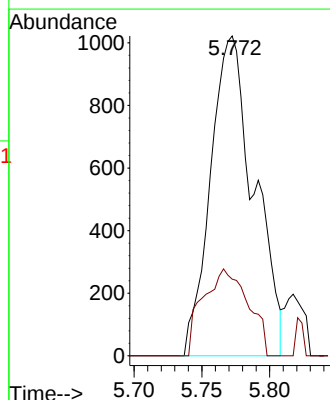
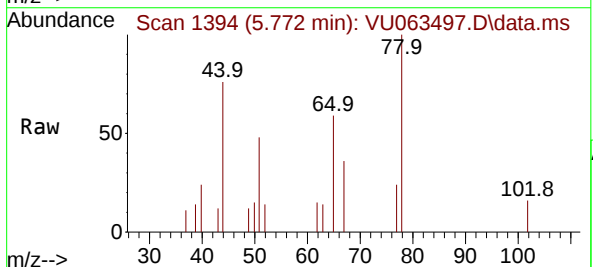
Acq: 11 Jul 2025 17:02

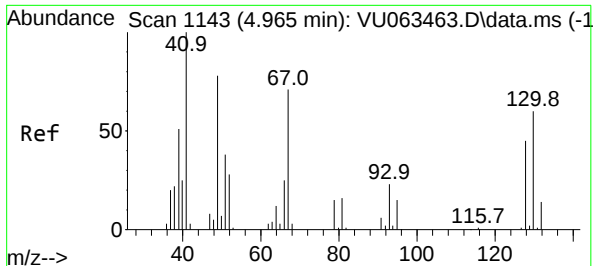
Tgt Ion: 78 Resp: 2287

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4





#41

Methacrylonitrile

Concen: 0.079 ug/l

RT: 4.943 min Scan# 1143

Delta R.T. -0.022 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 41 Resp: 90

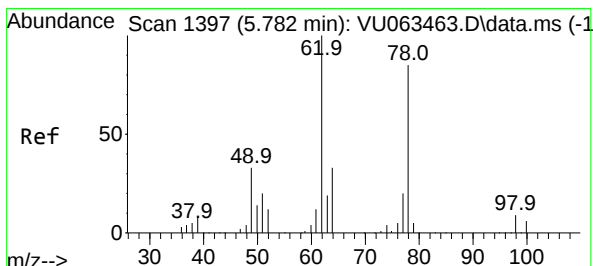
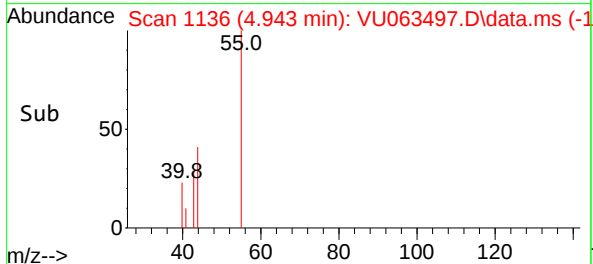
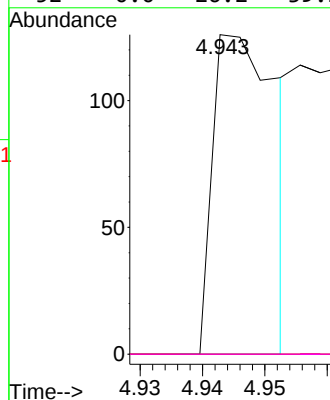
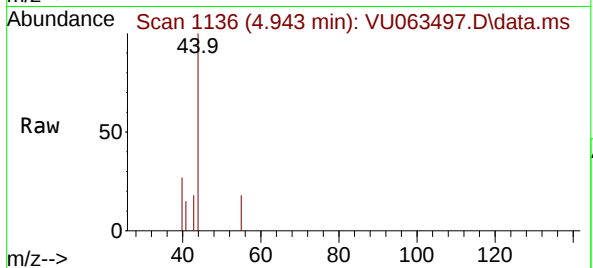
Ion Ratio Lower Upper

41 100

39 0.0 43.6 65.4#

67 0.0 62.8 94.2#

52 0.0 26.2 39.2#



#42

1,2-Dichloroethane

Concen: 0.543 ug/l

RT: 5.792 min Scan# 1400

Delta R.T. 0.010 min

Lab File: VU063497.D

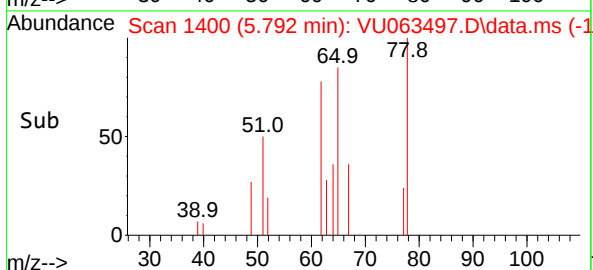
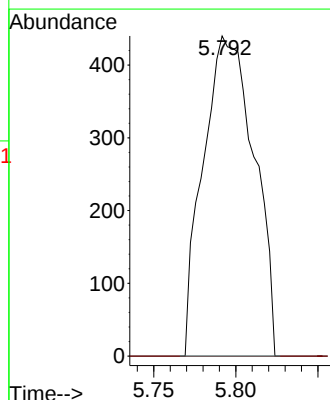
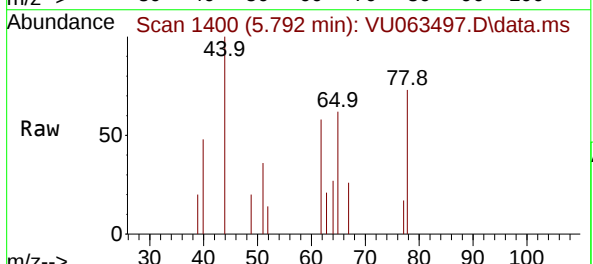
Acq: 11 Jul 2025 17:02

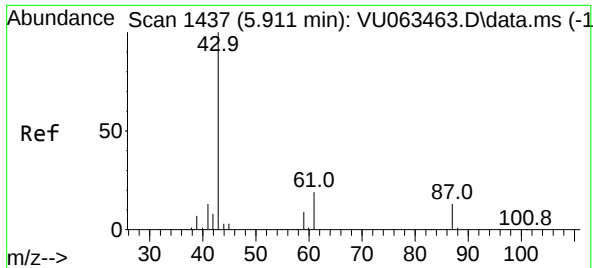
Tgt Ion: 62 Resp: 947

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6

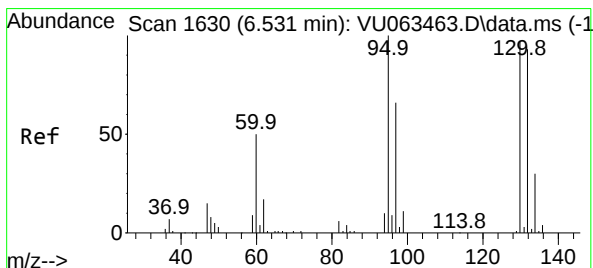
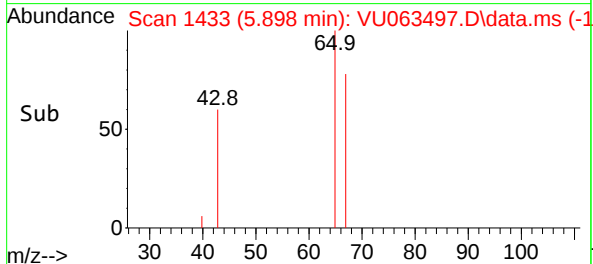
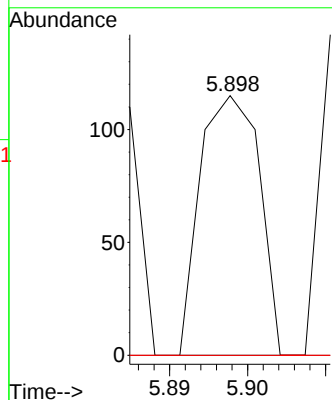
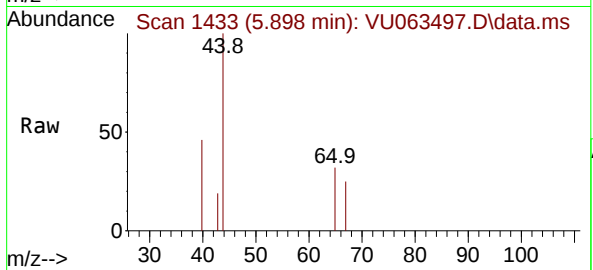




#43
Isopropyl Acetate
Concen: 0.019 ug/l
RT: 5.898 min Scan# 1433
Delta R.T. -0.013 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

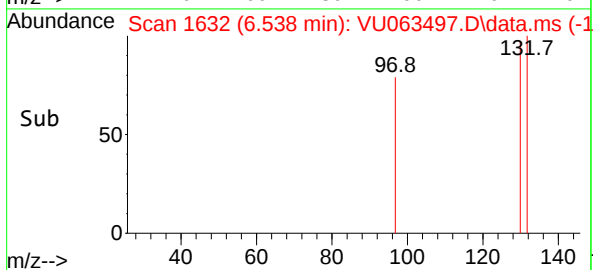
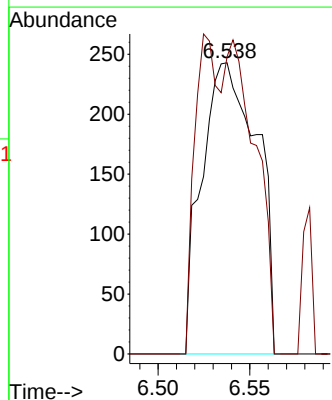
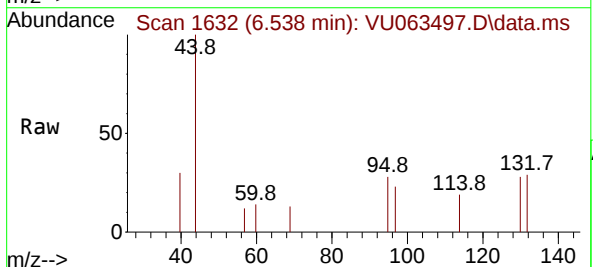
Instrument :
MSVOA_U
ClientSampleId :
MDL05

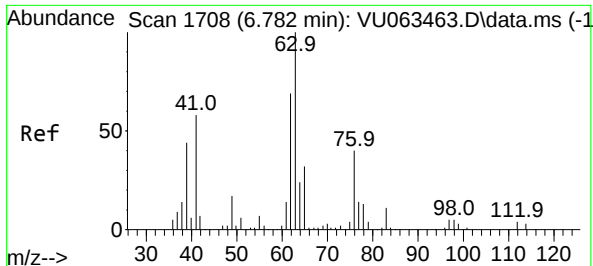
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.2#
87 0.0 10.5 15.7#



#44
Trichloroethene
Concen: 0.410 ug/l
RT: 6.538 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion:130 Resp: 509
Ion Ratio Lower Upper
130 100
95 102.1 0.0 206.4





#45

1,2-Dichloropropane

Concen: 0.423 ug/l

RT: 6.788 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

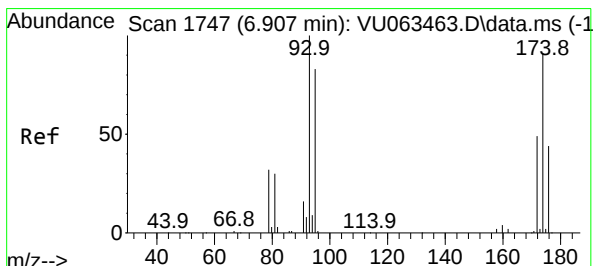
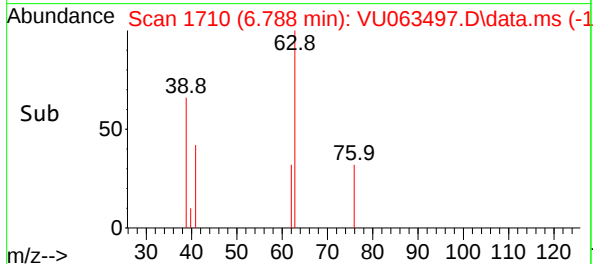
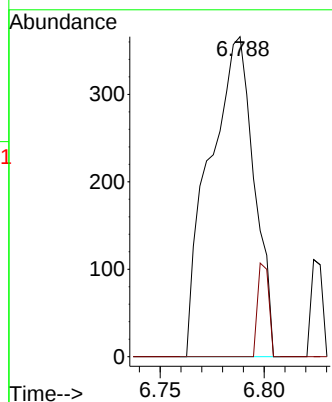
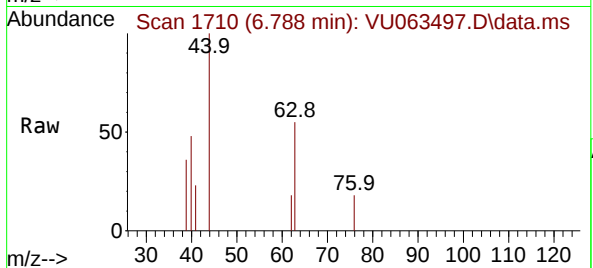
MDL05

Tgt Ion: 63 Resp: 545

Ion Ratio Lower Upper

63 100

65 0.0 25.3 37.9#



#46

Dibromomethane

Concen: 0.246 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. 0.000 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

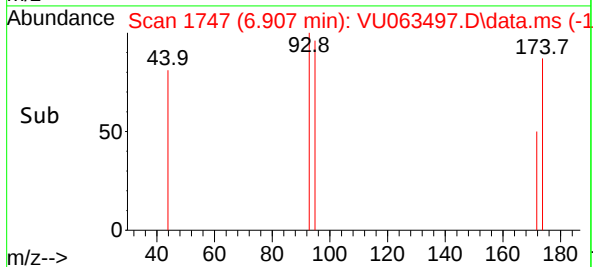
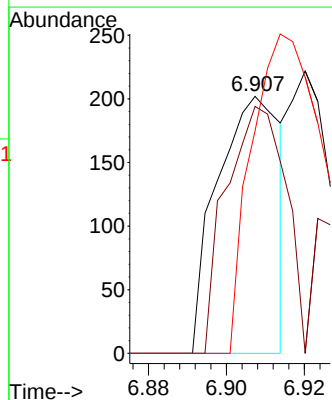
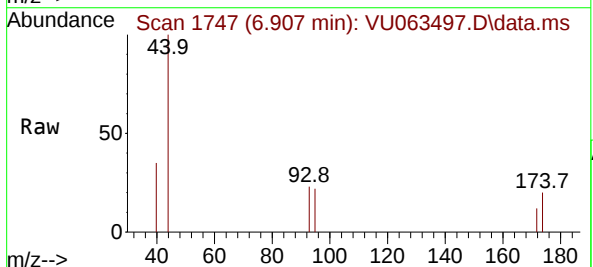
Tgt Ion: 93 Resp: 226

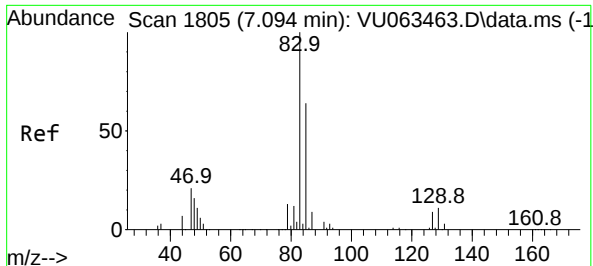
Ion Ratio Lower Upper

93 100

95 90.7 67.5 101.3

174 133.2 73.1 109.7#

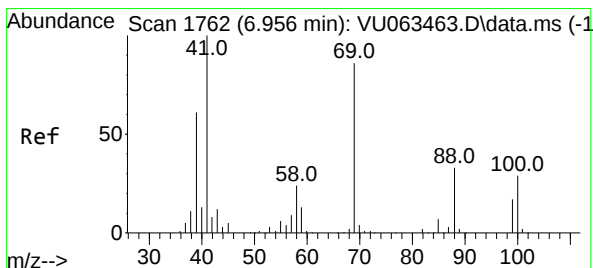
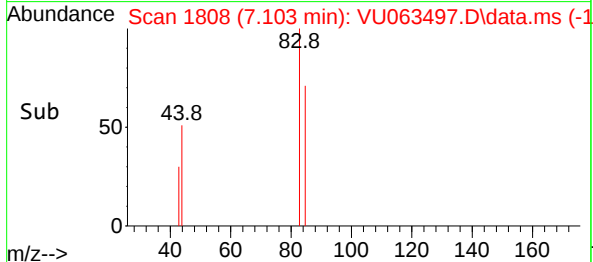
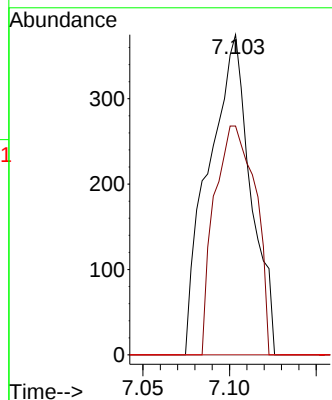
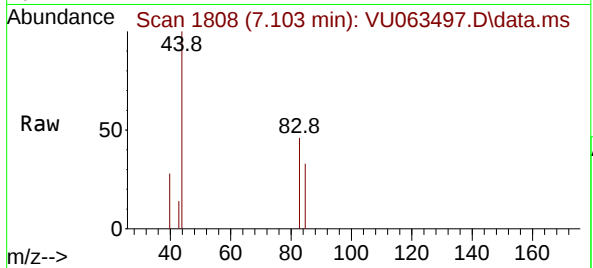




#47
Bromodichloromethane
Concen: 0.332 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

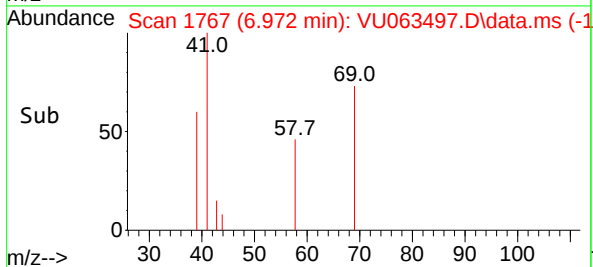
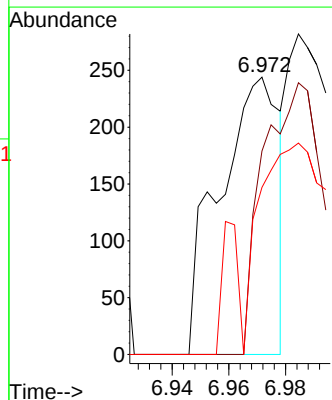
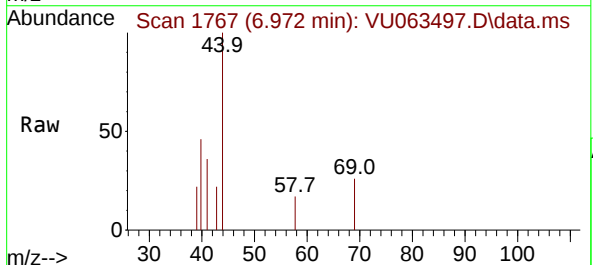
Instrument :
MSVOA_U
ClientSampleId :
MDL05

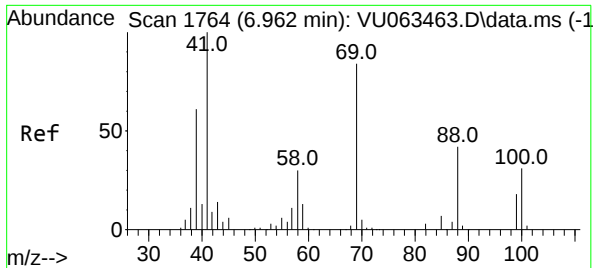
Tgt Ion: 83 Resp: 634
Ion Ratio Lower Upper
83 100
85 71.5 51.4 77.0
127 0.0 7.0 10.4#



#48
Methyl methacrylate
Concen: 0.242 ug/l
RT: 6.972 min Scan# 1767
Delta R.T. 0.016 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 41 Resp: 358
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.8#
39 12.6 48.3 72.5#

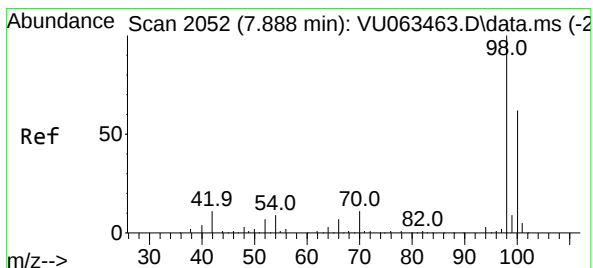
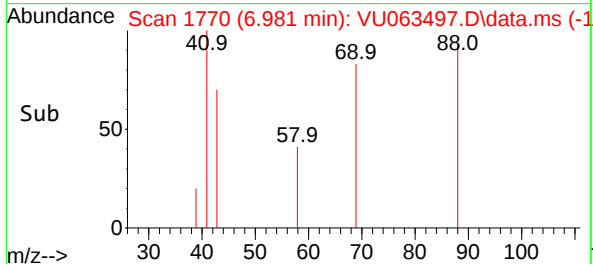
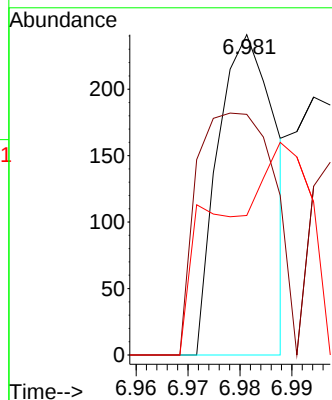
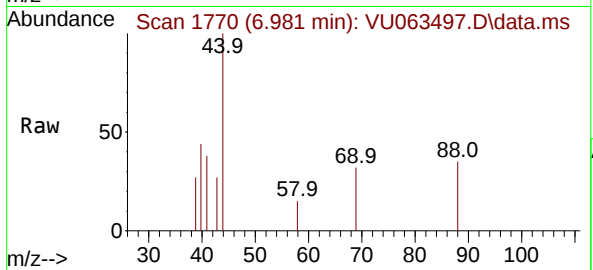




#49
1,4-Dioxane
Concen: 5.741 ug/l
RT: 6.981 min Scan# 1770
Delta R.T. 0.019 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

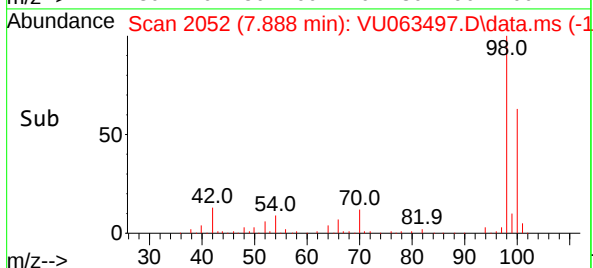
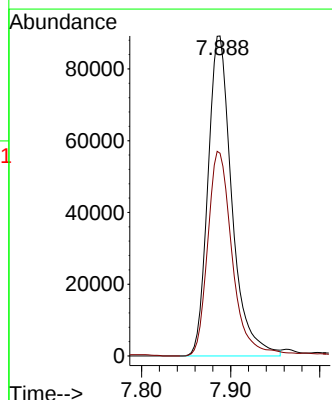
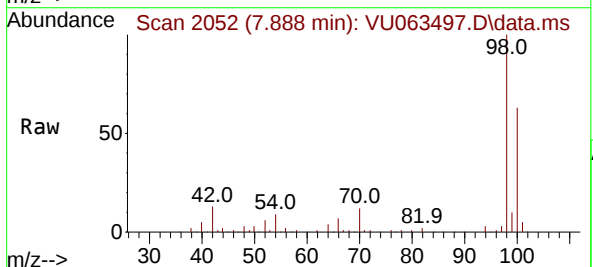
Instrument :
MSVOA_U
ClientSampleId :
MDL05

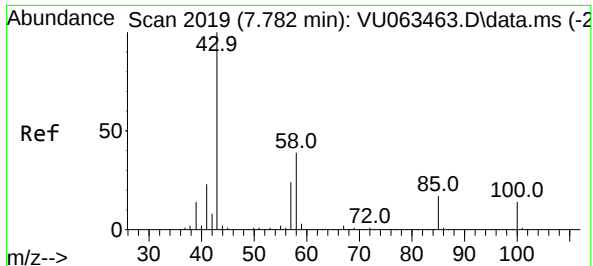
Tgt Ion: 88 Resp: 186
Ion Ratio Lower Upper
88 100
43 101.1 25.6 38.4#
58 0.0 55.0 82.6#



#50
Toluene-d8
Concen: 46.682 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 98 Resp: 166298
Ion Ratio Lower Upper
98 100
100 65.6 48.1 72.1

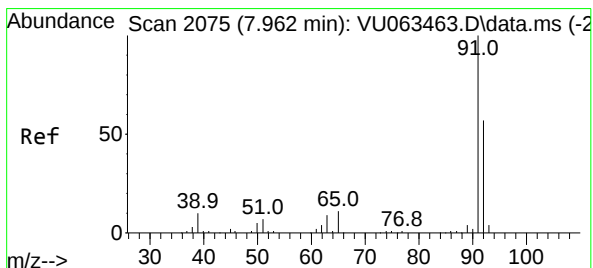
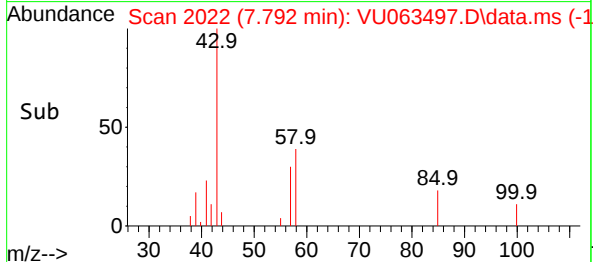
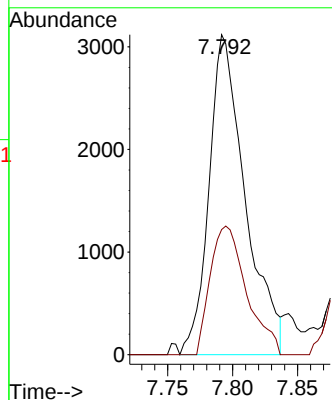
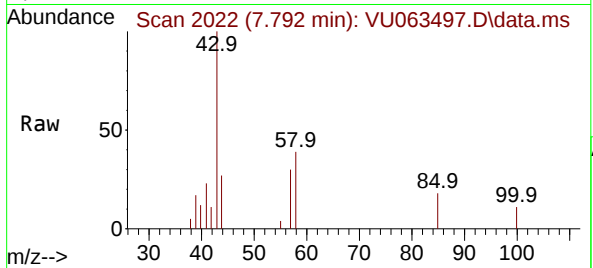




#51
4-Methyl-2-Pentanone
Concen: 2.616 ug/l
RT: 7.792 min Scan# 2019
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

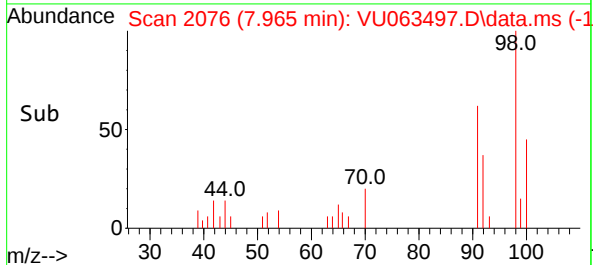
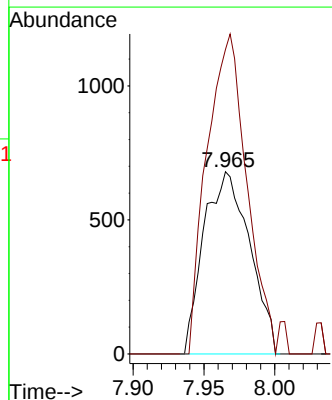
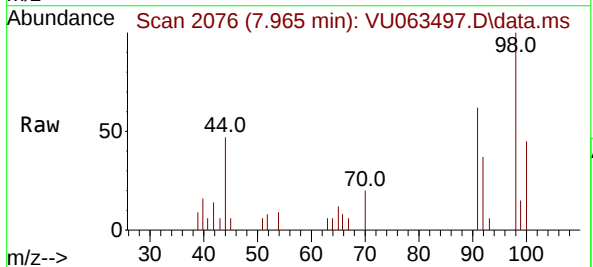
Instrument :
MSVOA_U
ClientSampleId :
MDL05

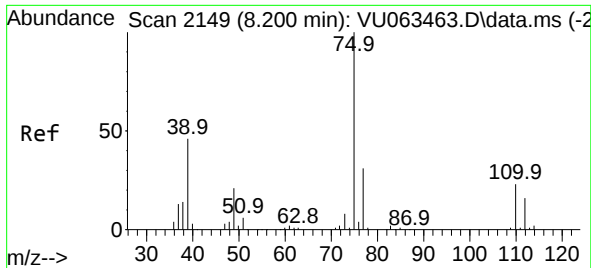
Tgt Ion: 43 Resp: 6049
Ion Ratio Lower Upper
43 100
58 40.2 31.0 46.4



#52
Toluene
Concen: 0.504 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 92 Resp: 1530
Ion Ratio Lower Upper
92 100
91 152.7 144.5 216.7

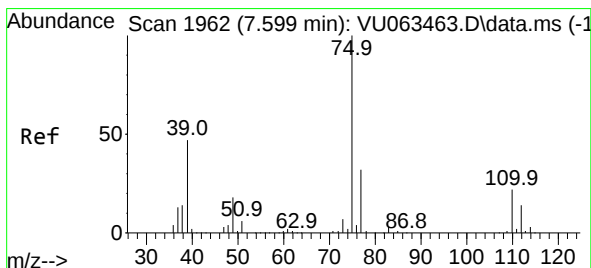
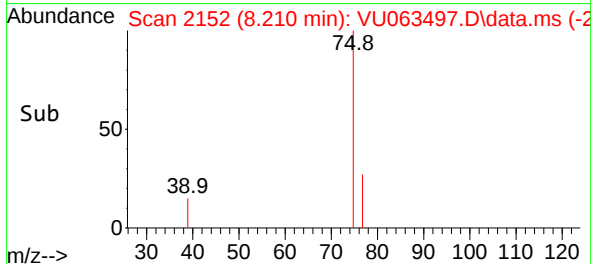
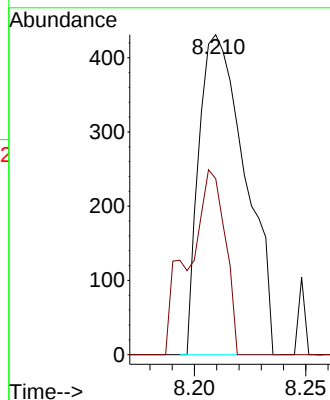
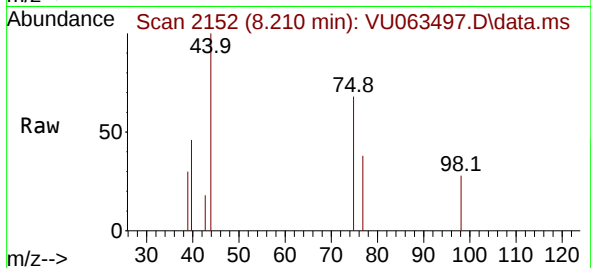




#53
 t-1,3-Dichloropropene
 Concen: 0.374 ug/l
 RT: 8.210 min Scan# 2149
 Delta R.T. 0.010 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

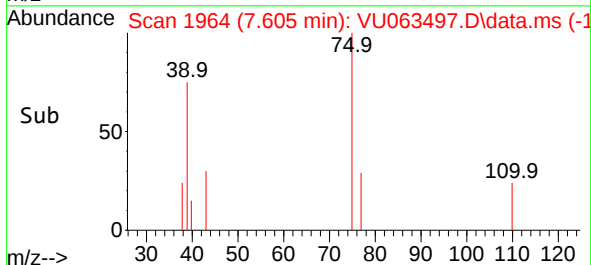
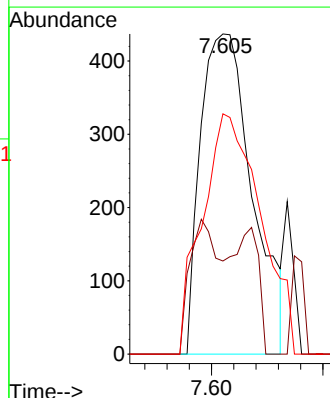
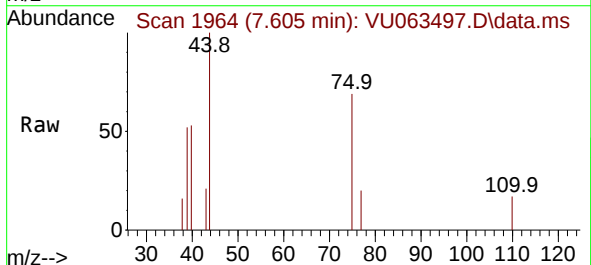
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

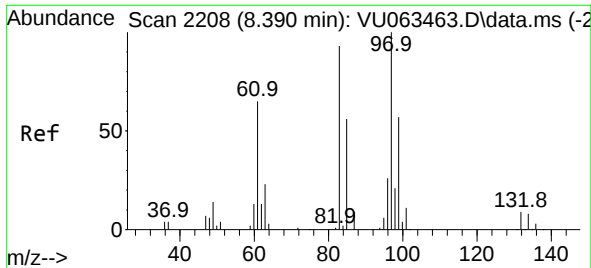
Tgt Ion: 75 Resp: 624
 Ion Ratio Lower Upper
 75 100
 77 55.0 25.0 37.6#



#54
 cis-1,3-Dichloropropene
 Concen: 0.378 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

Tgt Ion: 75 Resp: 706
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.4 38.0
 39 75.1 37.2 55.8#

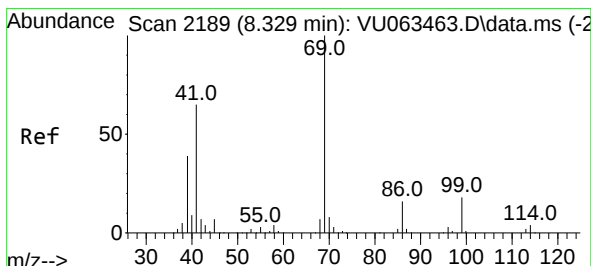
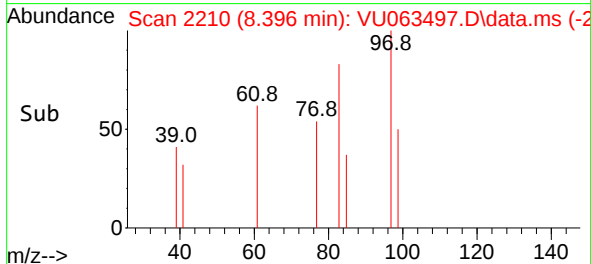
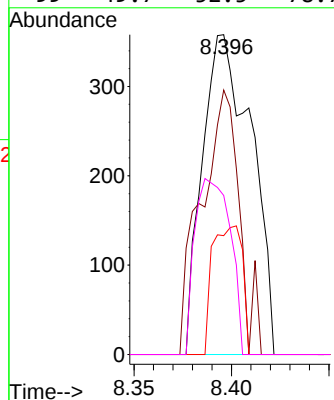
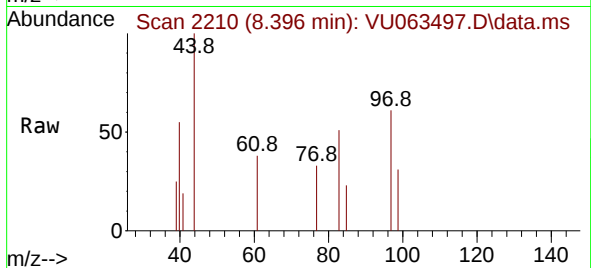




#55
1,1,2-Trichloroethane
Concen: 0.485 ug/l
RT: 8.396 min Scan# 2110
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

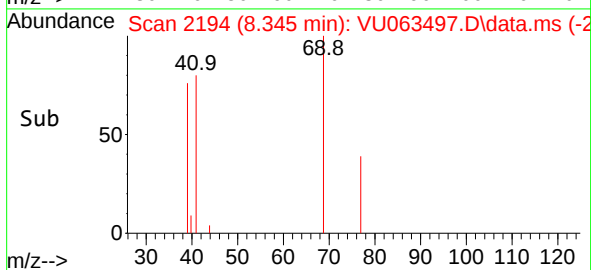
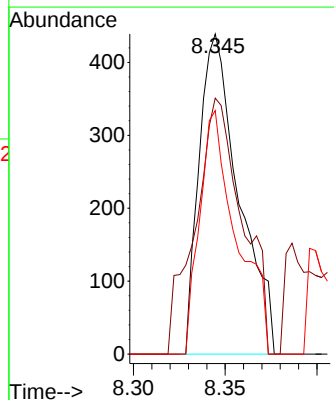
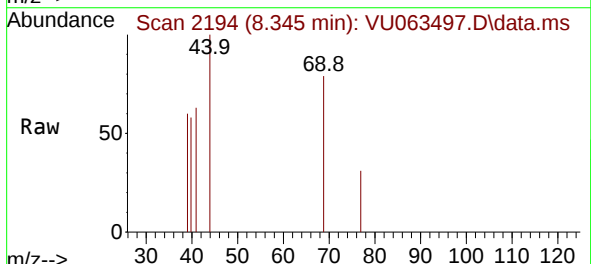
Instrument :
MSVOA_U
ClientSampleId :
MDL05

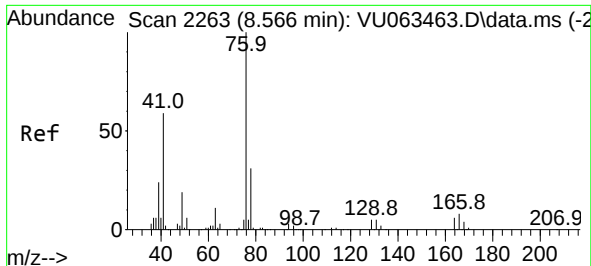
Tgt Ion:	97	Resp:	625
Ion	Ratio	Lower	Upper
97	100		
83	82.7	74.2	111.4
85	37.2	45.8	68.8#
99	49.7	52.5	78.7#



#56
Ethyl methacrylate
Concen: 0.320 ug/l
RT: 8.345 min Scan# 2194
Delta R.T. 0.016 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion:	69	Resp:	664
Ion	Ratio	Lower	Upper
69	100		
41	94.9	53.0	79.6#
39	70.5	31.0	46.4#

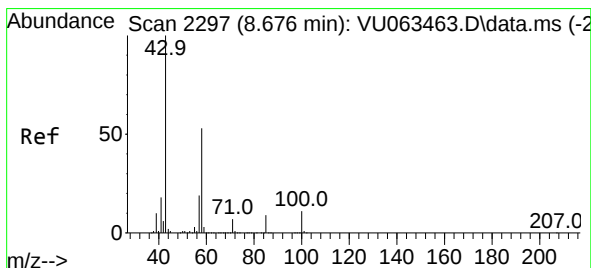
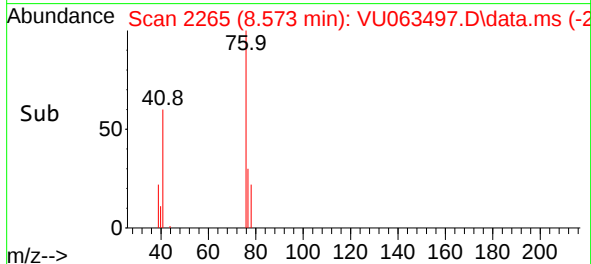
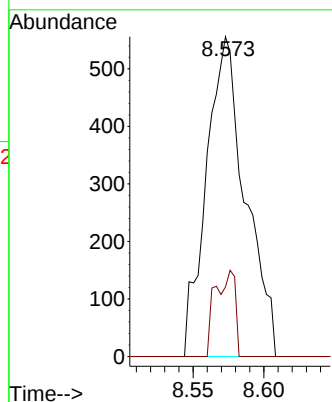
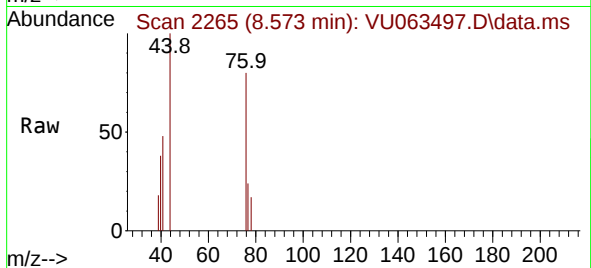




#57
1,3-Dichloropropane
Concen: 0.502 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

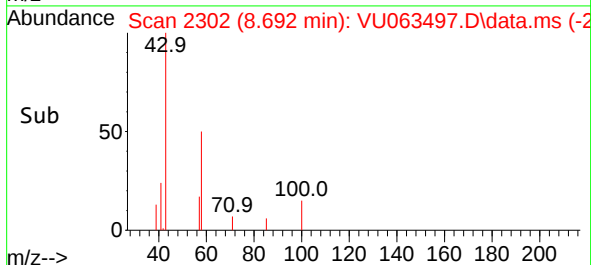
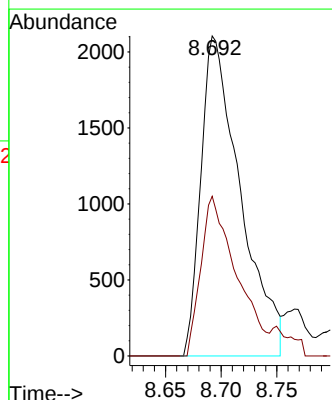
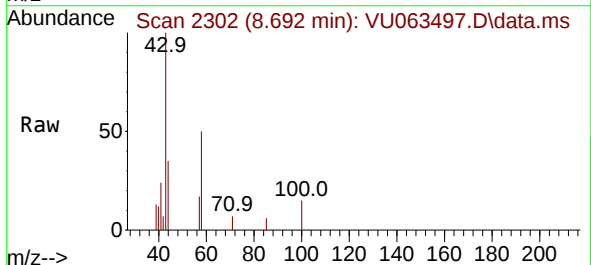
Instrument :
MSVOA_U
ClientSampleId :
MDL05

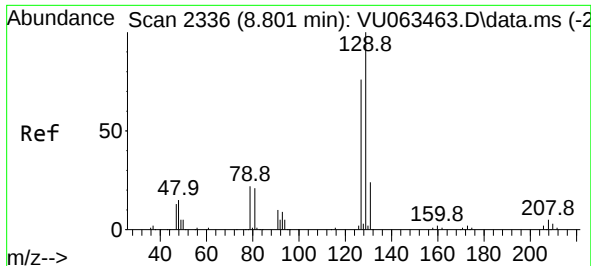
Tgt Ion: 76 Resp: 1065
Ion Ratio Lower Upper
76 100
78 13.7 25.6 38.4#



#59
2-Hexanone
Concen: 2.963 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.016 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 43 Resp: 5182
Ion Ratio Lower Upper
43 100
58 45.4 26.9 80.7

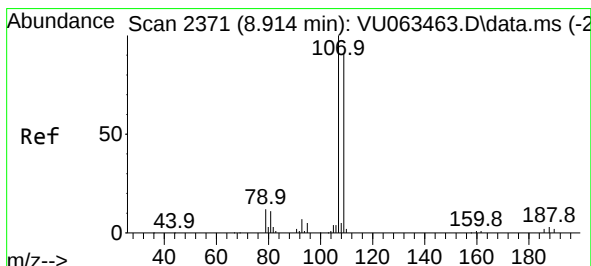
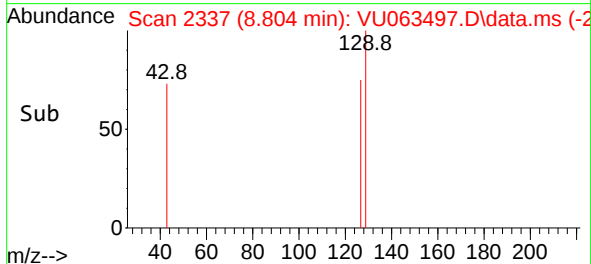
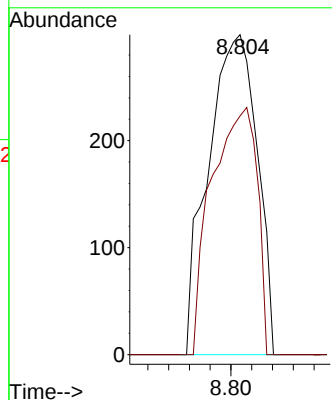
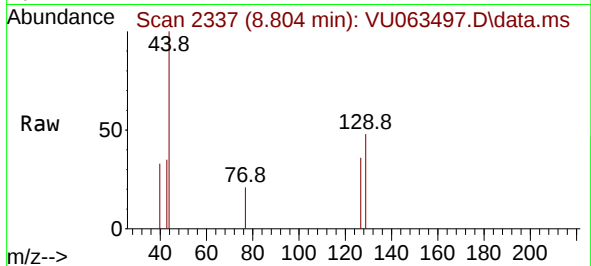




#60
Dibromochloromethane
Concen: 0.340 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

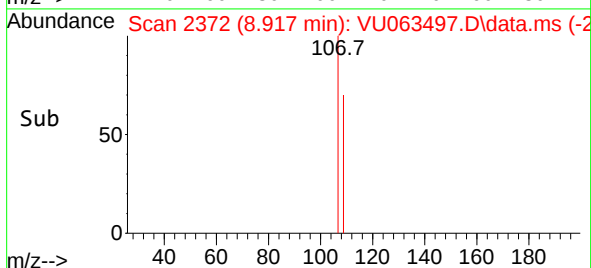
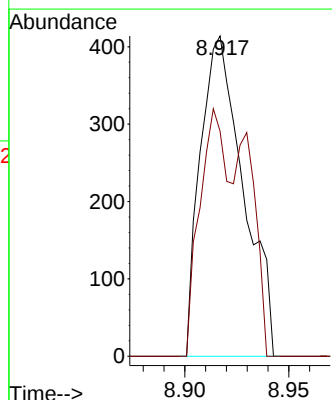
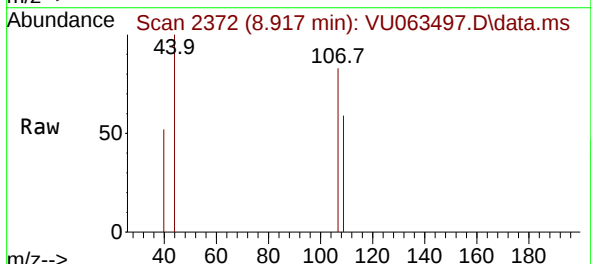
Instrument :
MSVOA_U
ClientSampleId :
MDL05

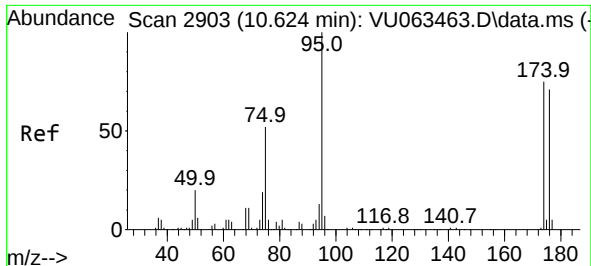
Tgt Ion:129 Resp: 490
Ion Ratio Lower Upper
129 100
127 71.4 39.1 117.2



#61
1,2-Dibromoethane
Concen: 0.469 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion:107 Resp: 593
Ion Ratio Lower Upper
107 100
109 54.1 73.7 110.5#

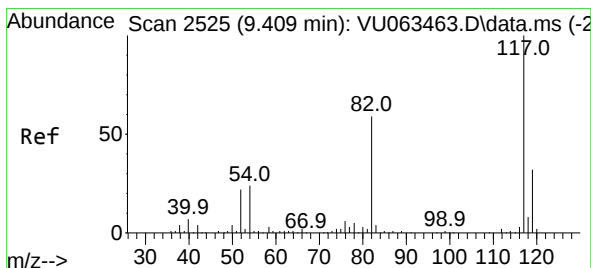
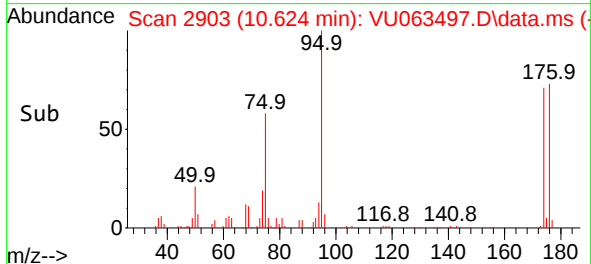
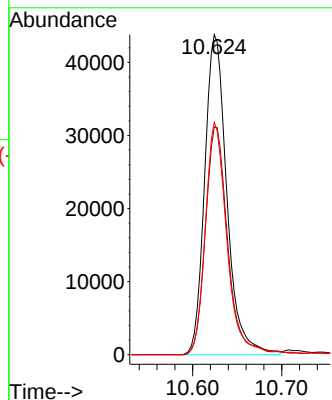
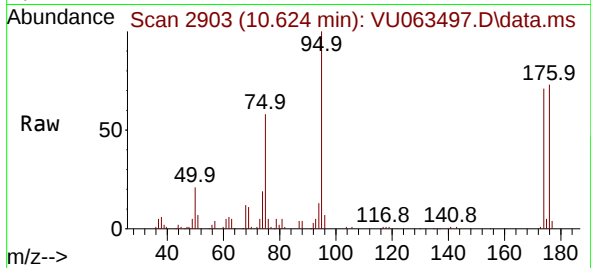




#62
 4-Bromofluorobenzene
 Concen: 48.631 ug/l
 RT: 10.624 min Scan# 2903
 Delta R.T. 0.000 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

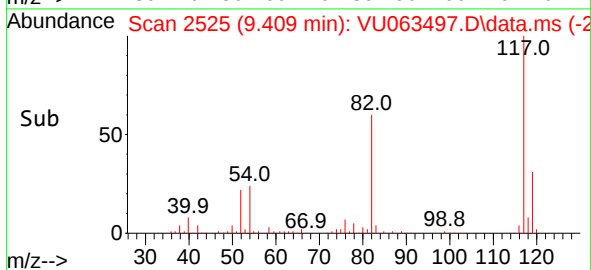
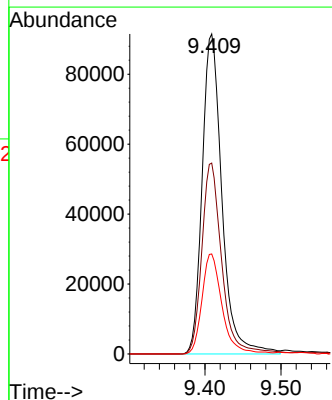
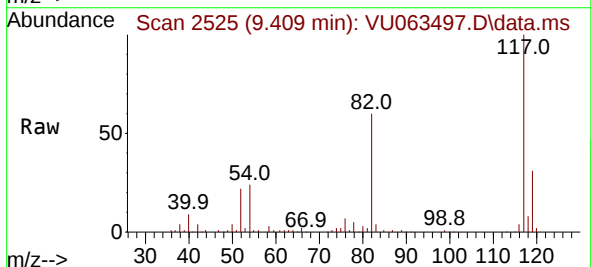
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

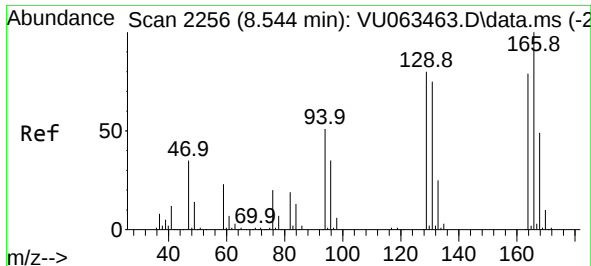
Tgt Ion: 95 Resp: 75778
 Ion Ratio Lower Upper
 95 100
 174 71.5 0.0 153.6
 176 70.9 0.0 145.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.409 min Scan# 2525
 Delta R.T. 0.000 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

Tgt Ion: 117 Resp: 165584
 Ion Ratio Lower Upper
 117 100
 82 59.7 47.1 70.7
 119 31.3 25.4 38.0

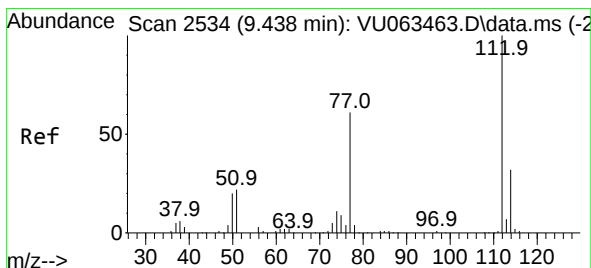
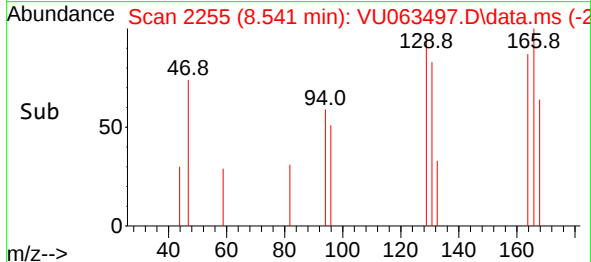
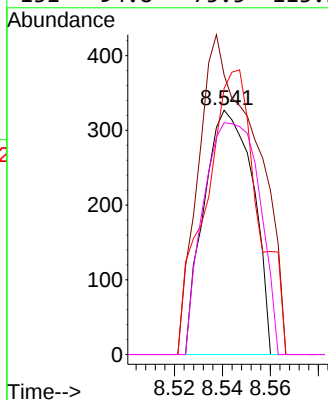
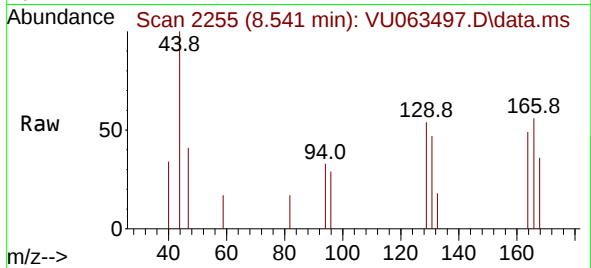




#64
Tetrachloroethene
Concen: 0.376 ug/l
RT: 8.541 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

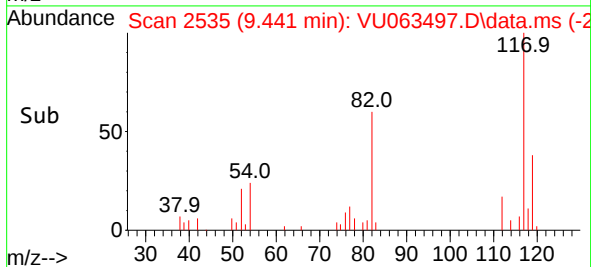
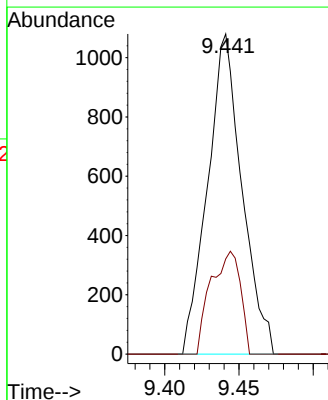
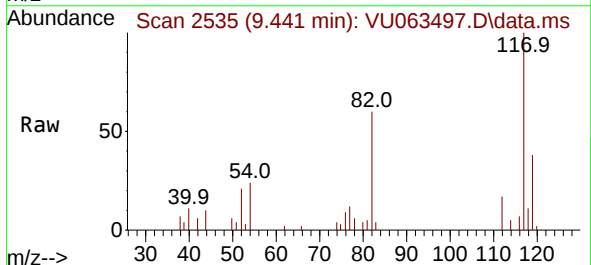
Instrument :
MSVOA_U
ClientSampleId :
MDL05

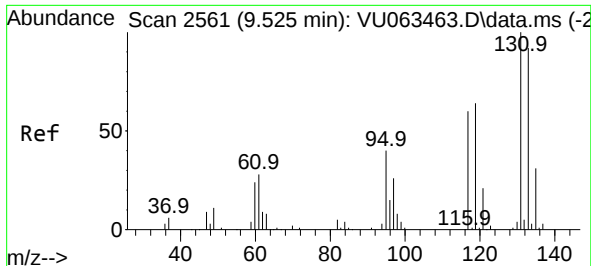
Tgt Ion:164	Resp:	463	
Ion	Ratio	Lower	Upper
164	100		
166	114.4	100.9	151.3
129	108.9	80.9	121.3
131	94.8	75.5	113.3



#65
Chlorobenzene
Concen: 0.504 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion:112	Resp:	1737	
Ion	Ratio	Lower	Upper
112	100		
114	29.7	25.5	38.3





#66

1,1,1,2-Tetrachloroethane

Concen: 0.361 ug/l

RT: 9.531 min Scan# 2

Delta R.T. 0.006 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

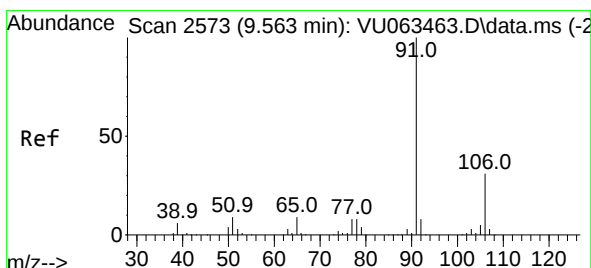
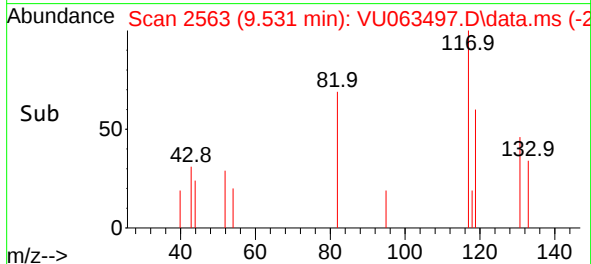
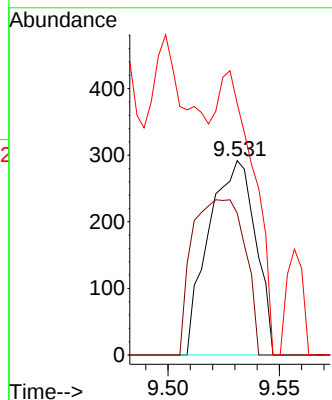
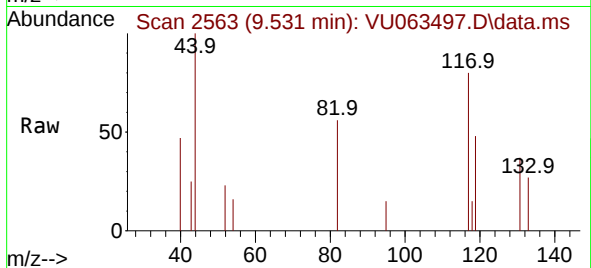
Tgt Ion:131 Resp: 426

Ion Ratio Lower Upper

131 100

133 89.4 46.4 139.2

119 0.0 33.3 99.9#



#67

Ethyl Benzene

Concen: 0.501 ug/l

RT: 9.573 min Scan# 2576

Delta R.T. 0.010 min

Lab File: VU063497.D

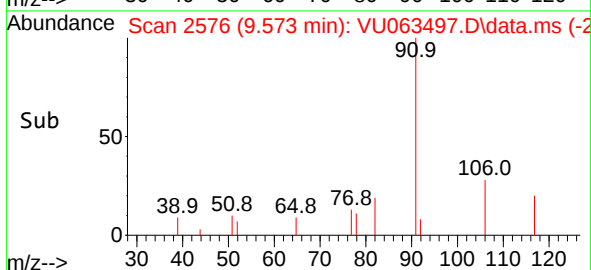
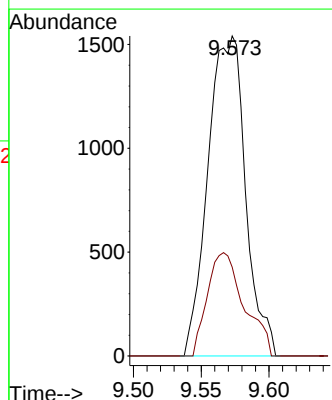
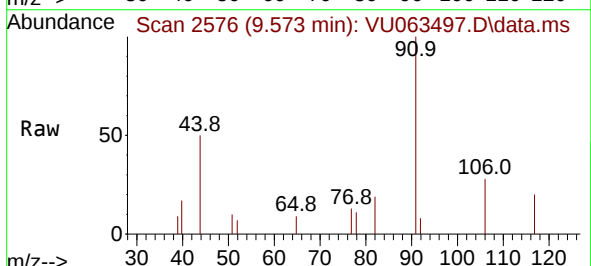
Acq: 11 Jul 2025 17:02

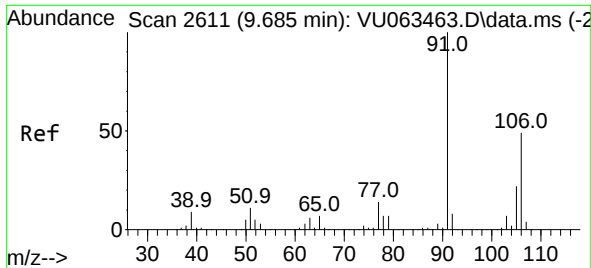
Tgt Ion: 91 Resp: 2968

Ion Ratio Lower Upper

91 100

106 27.8 24.5 36.7

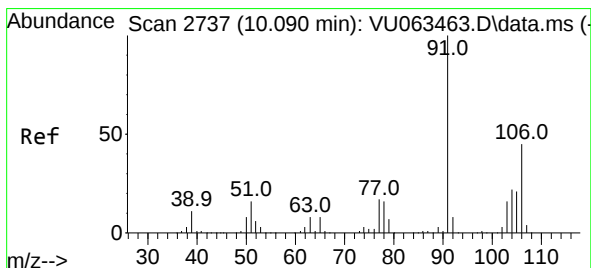
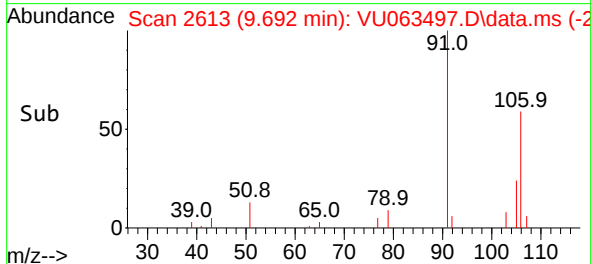
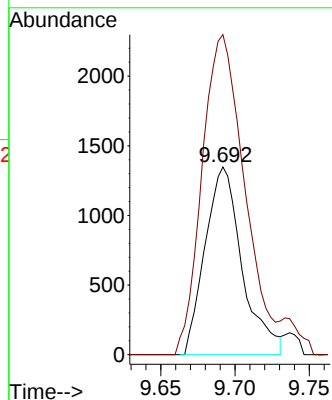
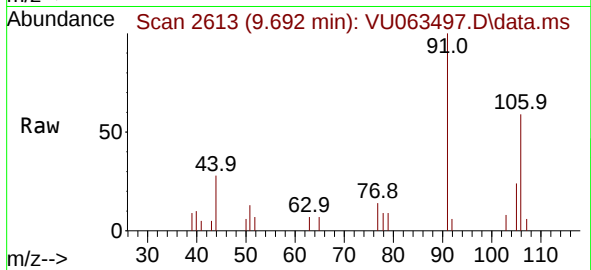




#68
m/p-Xylenes
Concen: 1.036 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

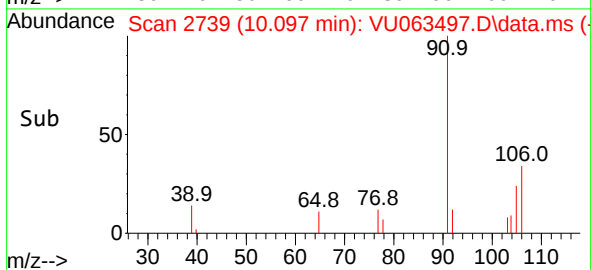
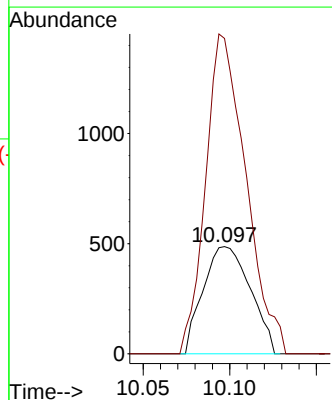
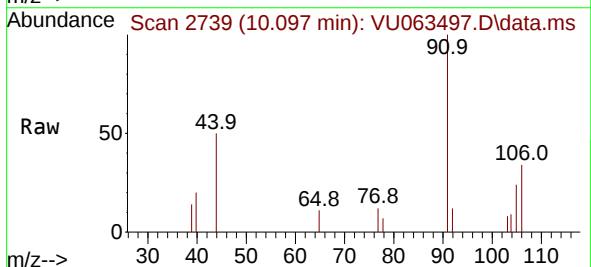
Instrument :
MSVOA_U
ClientSampleId :
MDL05

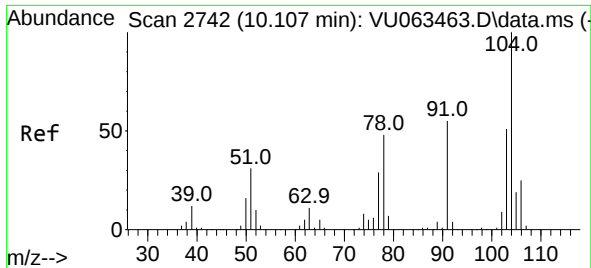
Tgt Ion:106 Resp: 2340
Ion Ratio Lower Upper
106 100
91 193.8 163.6 245.4



#69
o-Xylene
Concen: 0.402 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion:106 Resp: 923
Ion Ratio Lower Upper
106 100
91 254.2 110.7 331.9

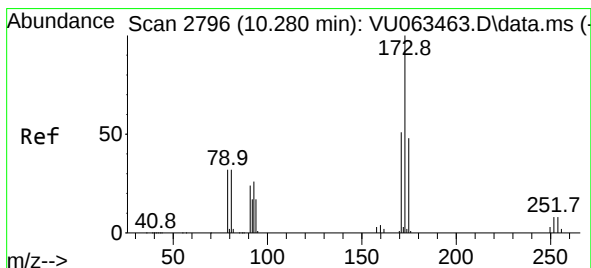
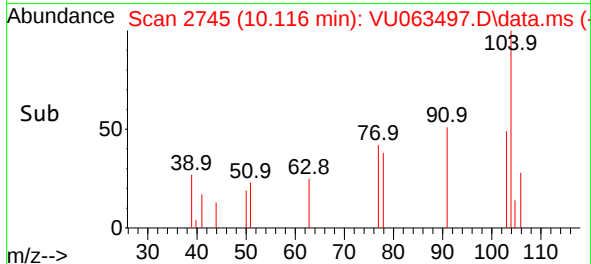
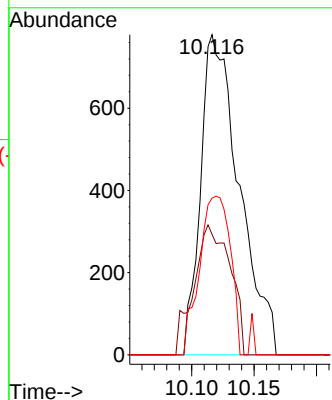
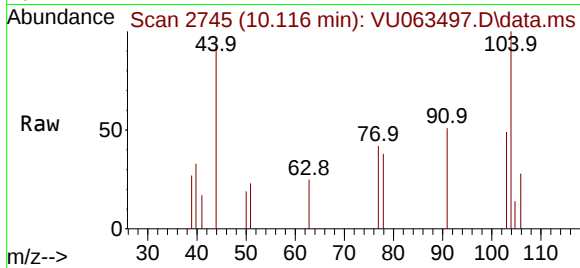




#70
Styrene
Concen: 0.460 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

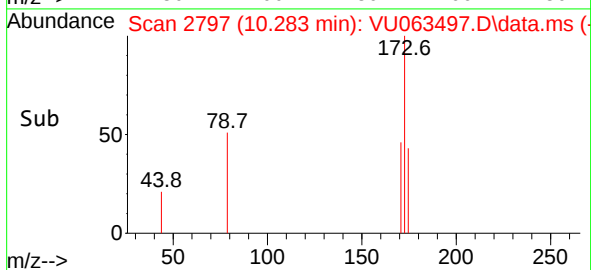
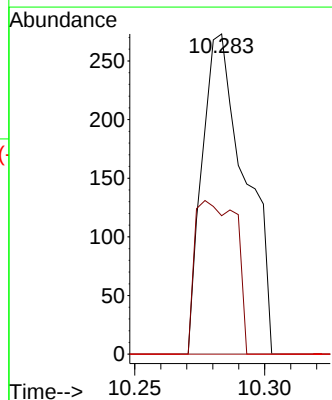
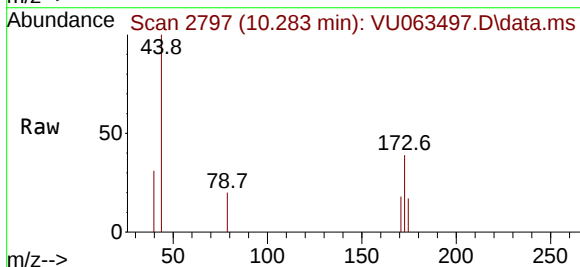
Instrument :
MSVOA_U
ClientSampleId :
MDL05

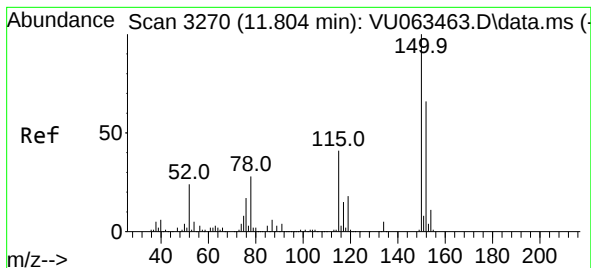
Tgt Ion:104 Resp: 1680
Ion Ratio Lower Upper
104 100
78 38.2 41.4 62.0#
103 39.5 44.3 66.5#



#71
Bromoform
Concen: 0.307 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion:173 Resp: 316
Ion Ratio Lower Upper
173 100
175 45.3 24.0 72.0
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.804 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

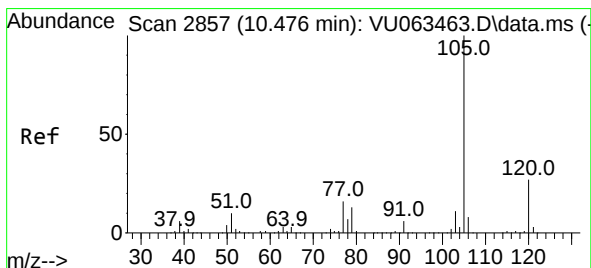
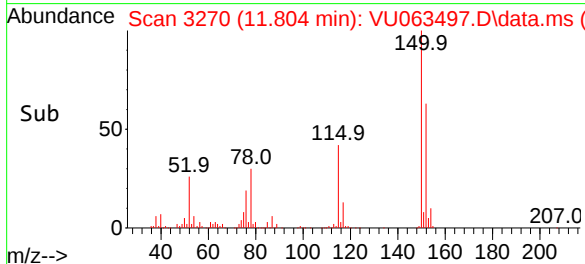
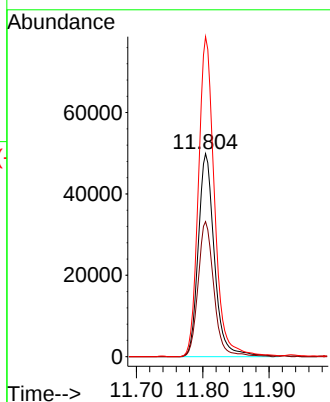
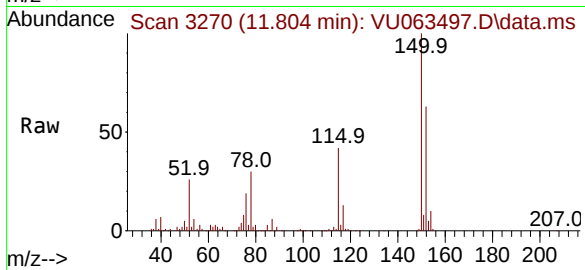
Tgt Ion:152 Resp: 84841

Ion Ratio Lower Upper

152 100

115 65.0 43.4 130.2

150 156.7 0.0 341.4



#73

Isopropylbenzene

Concen: 0.424 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063497.D

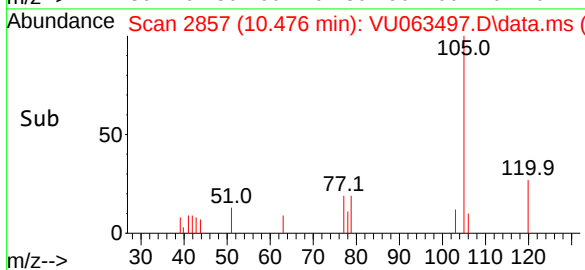
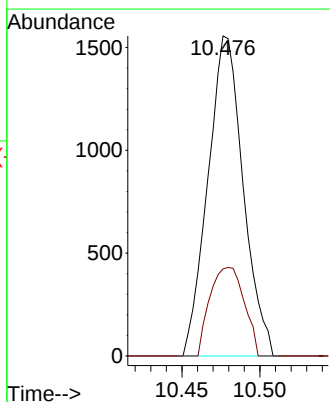
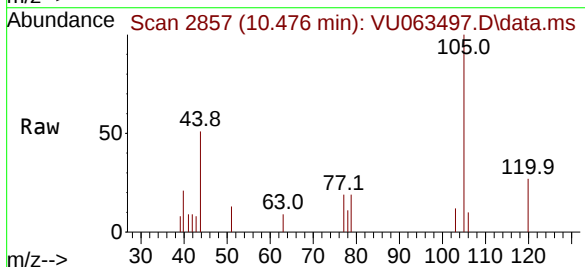
Acq: 11 Jul 2025 17:02

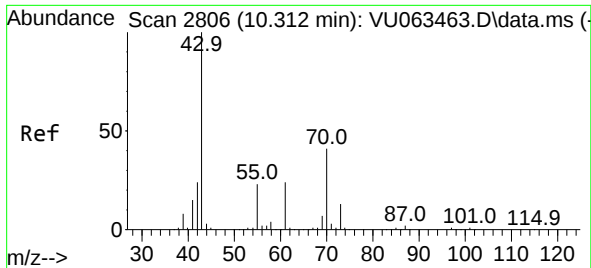
Tgt Ion:105 Resp: 2447

Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.1



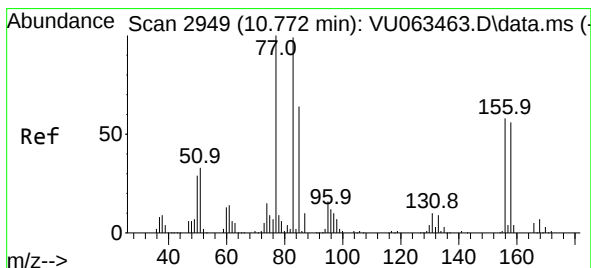
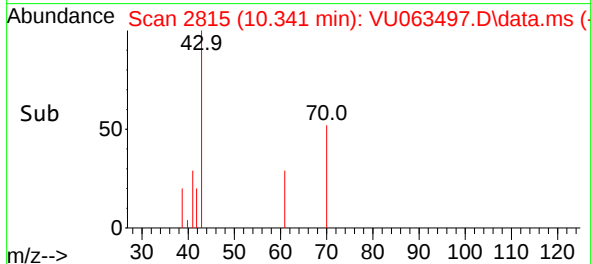
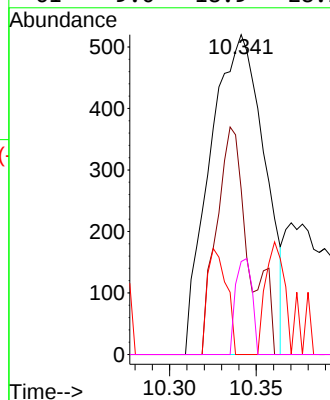
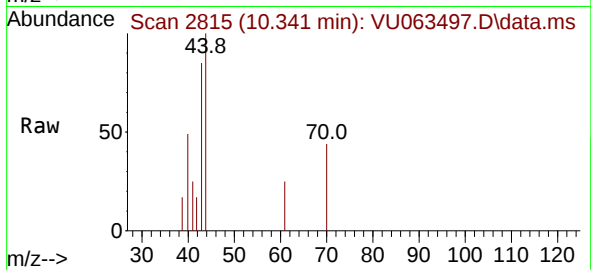


#74
N-amy1 acetate
Concen: 0.440 ug/l
RT: 10.341 min Scan# 2815
Delta R.T. 0.029 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 1138

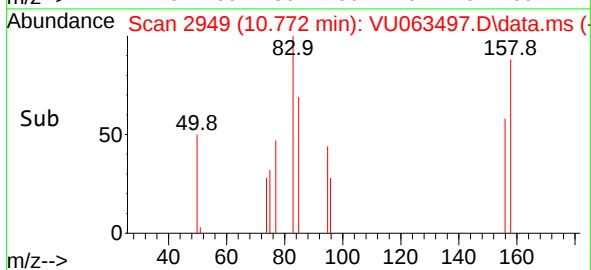
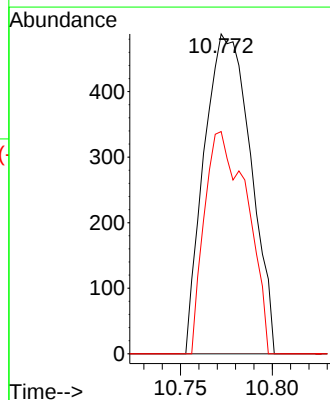
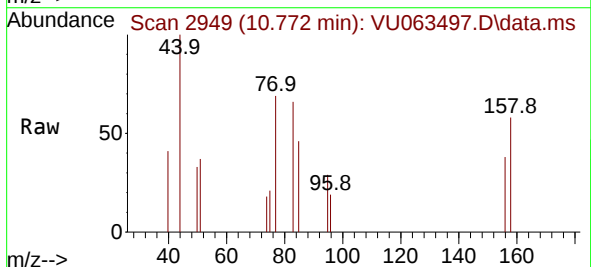
Ion	Ratio	Lower	Upper
43	100		
70	37.5	32.6	48.8
55	11.5	18.6	27.8#
61	9.0	18.9	28.3#

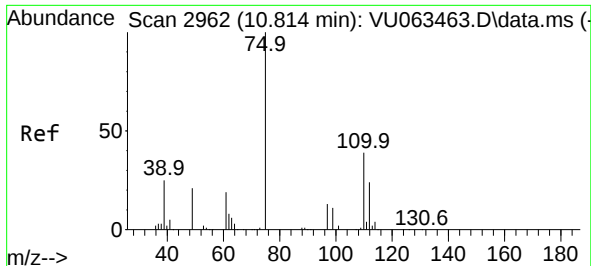


#75
1,1,2,2-Tetrachloroethane
Concen: 0.405 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 83 Resp: 861

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	63.8	32.3	96.8

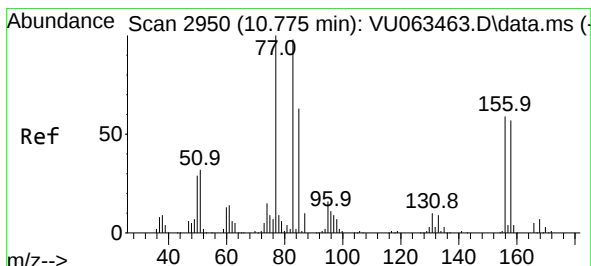
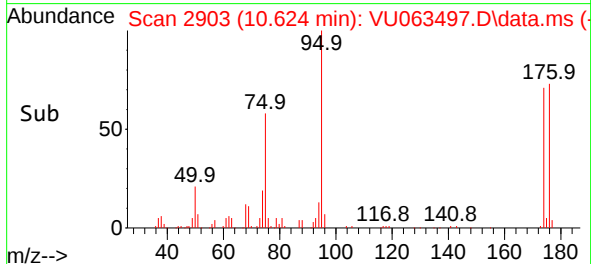
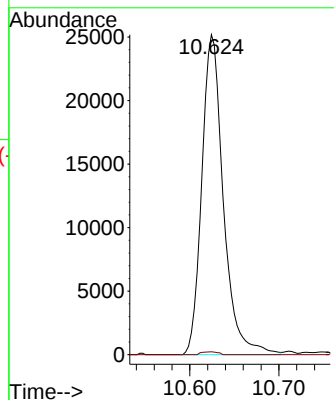
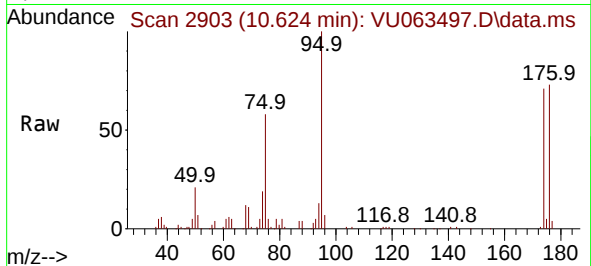




#76
1,2,3-Trichloropropane
Concen: 18.860 ug/l
RT: 10.624 min Scan# 2962
Delta R.T. -0.190 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

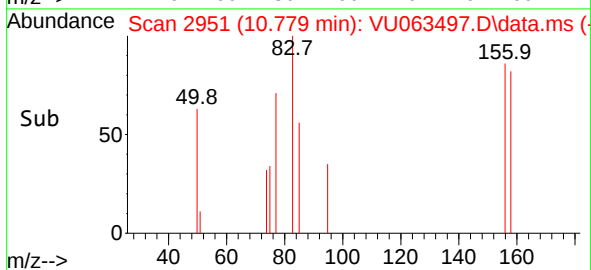
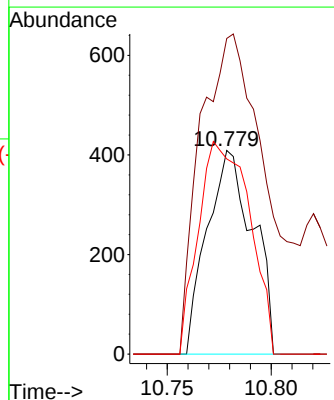
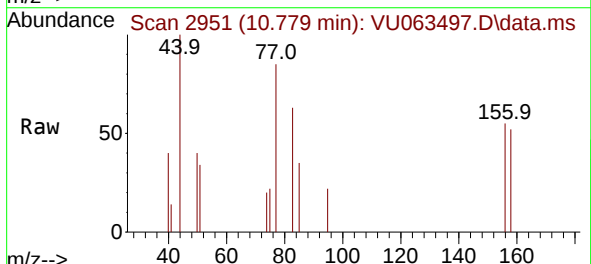
Instrument :
MSVOA_U
ClientSampleId :
MDL05

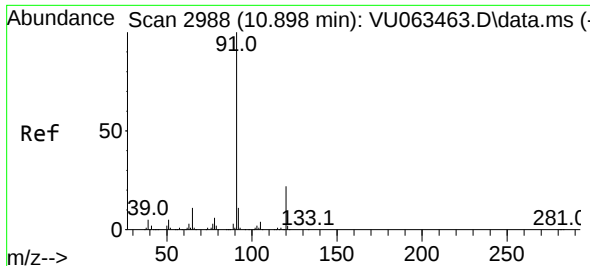
Tgt Ion: 75 Resp: 42399
Ion Ratio Lower Upper
75 100
77 0.7 3.1 9.4#



#77
Bromobenzene
Concen: 0.444 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion:156 Resp: 628
Ion Ratio Lower Upper
156 100
77 227.9 78.2 234.6
158 116.6 46.8 140.4

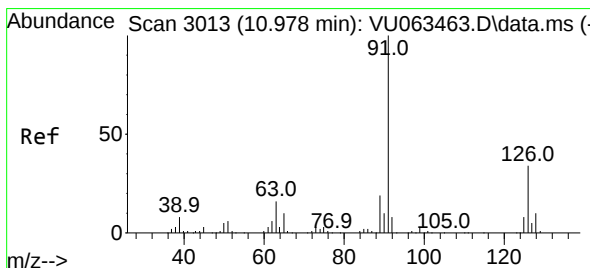
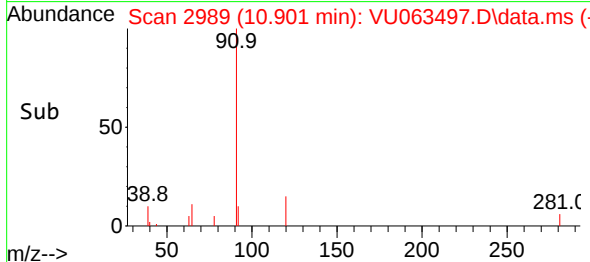
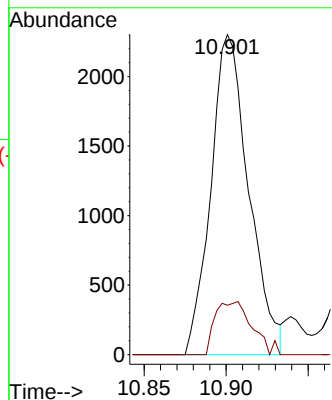
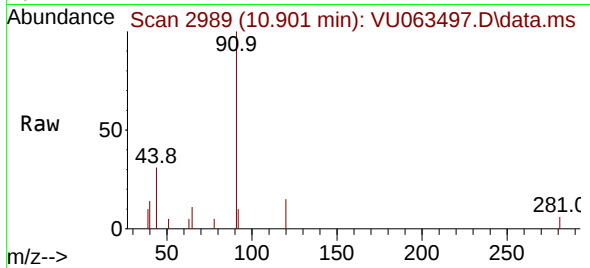




#78
n-propylbenzene
Concen: 0.551 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

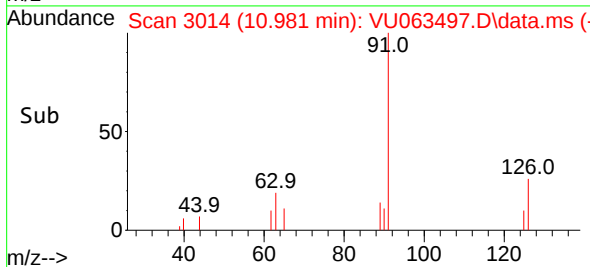
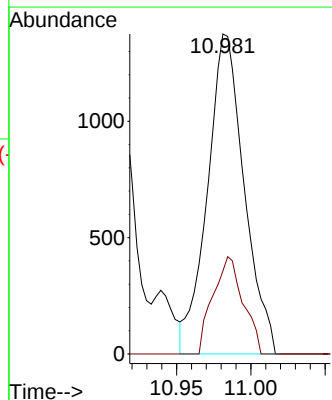
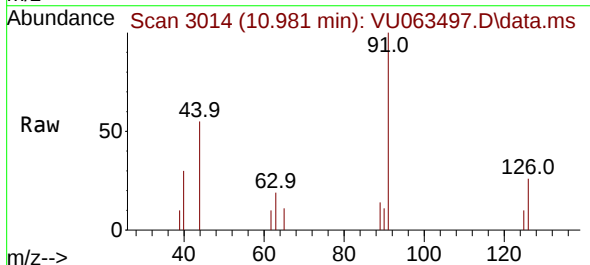
Instrument :
MSVOA_U
ClientSampleId :
MDL05

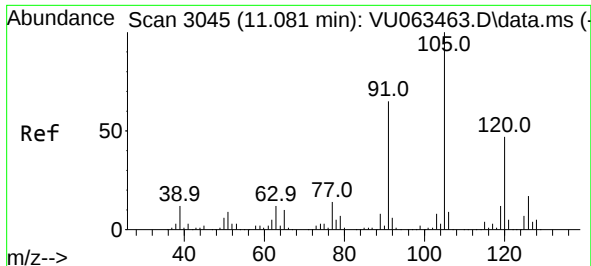
Tgt Ion: 91 Resp: 3691
Ion Ratio Lower Upper
91 100
120 16.2 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.562 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 91 Resp: 2361
Ion Ratio Lower Upper
91 100
126 24.9 15.9 47.7

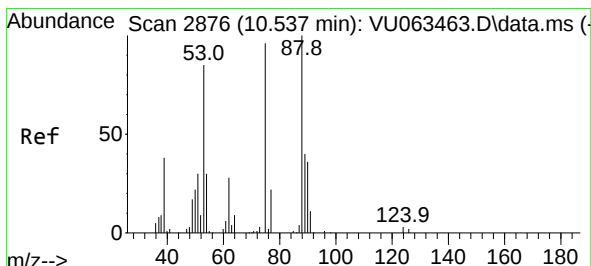
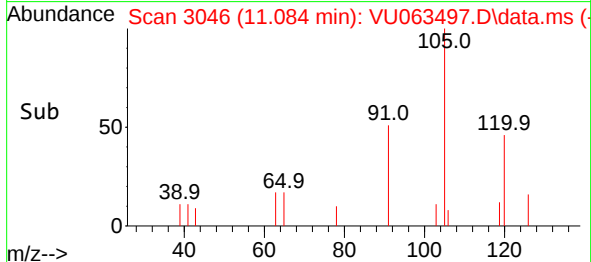
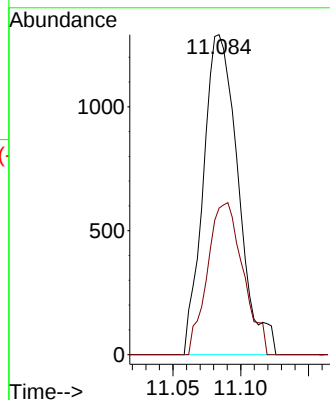
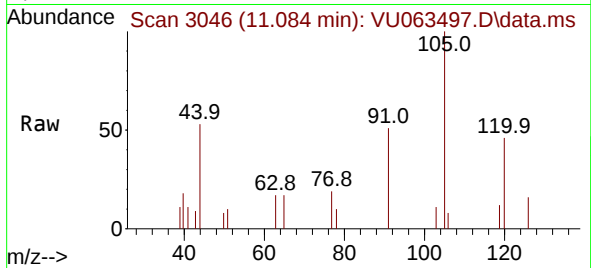




#80
1,3,5-Trimethylbenzene
Concen: 0.458 ug/l
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

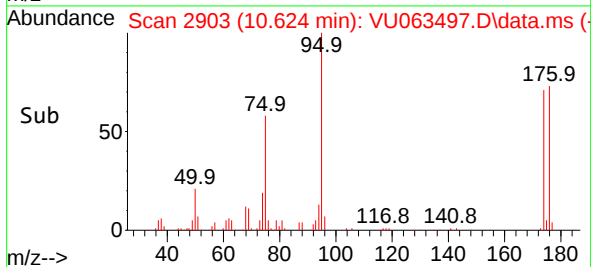
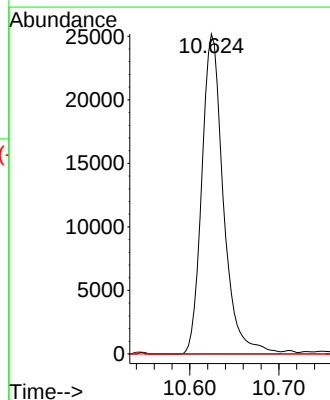
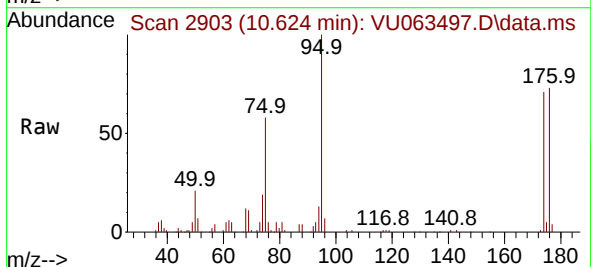
Instrument :
MSVOA_U
ClientSampleId :
MDL05

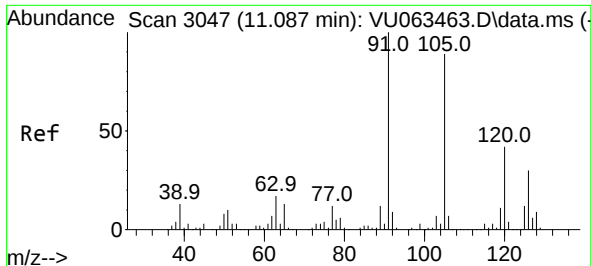
Tgt Ion:105 Resp: 2315
Ion Ratio Lower Upper
105 100
120 48.4 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 94.062 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.087 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 75 Resp: 42399
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#

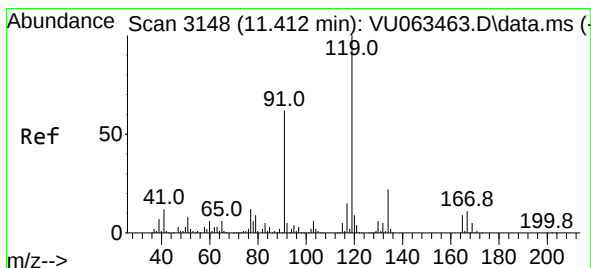
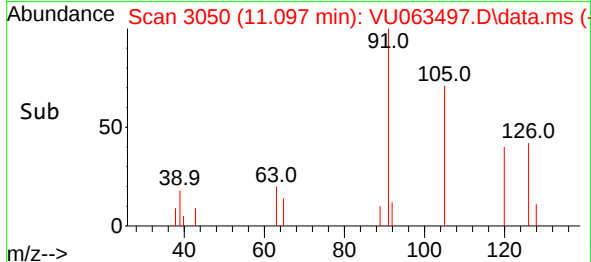
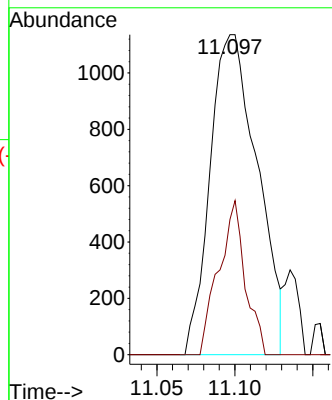
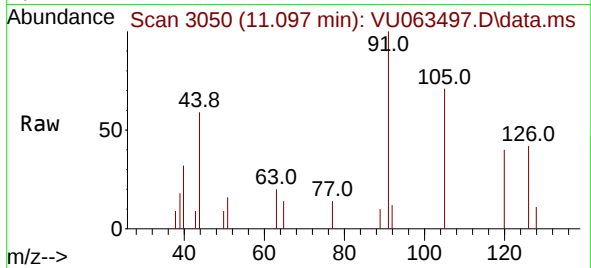




#82
4-Chlorotoluene
Concen: 0.503 ug/l
RT: 11.097 min Scan# 3047
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

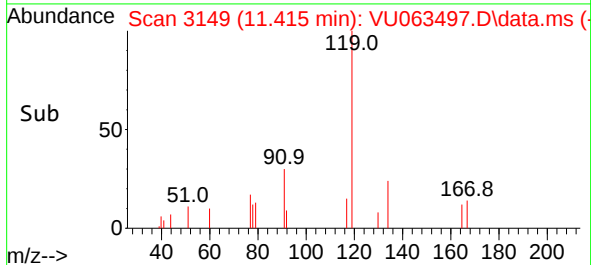
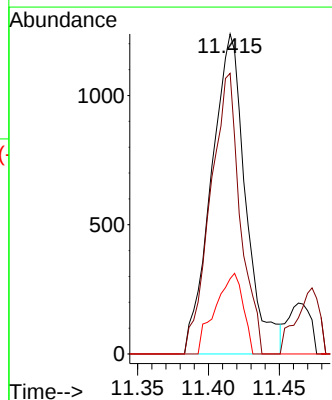
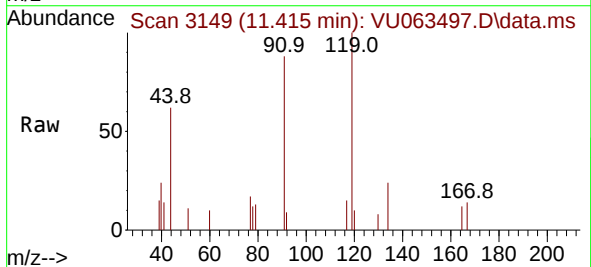
Instrument :
MSVOA_U
ClientSampleId :
MDL05

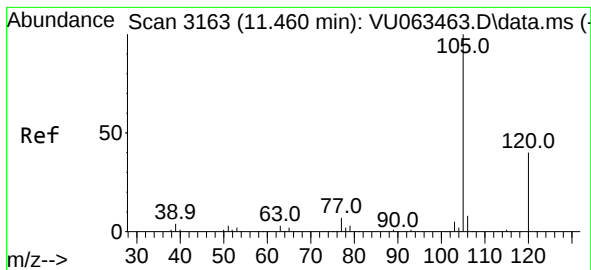
Tgt Ion: 91 Resp: 2397
Ion Ratio Lower Upper
91 100
126 27.0 14.4 43.2



#83
tert-Butylbenzene
Concen: 0.432 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 119 Resp: 2090
Ion Ratio Lower Upper
119 100
91 76.1 30.3 91.0
134 20.3 11.2 33.6





#84

1,2,4-Trimethylbenzene

Concen: 0.463 ug/l

RT: 11.470 min Scan# 3166

Delta R.T. 0.010 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

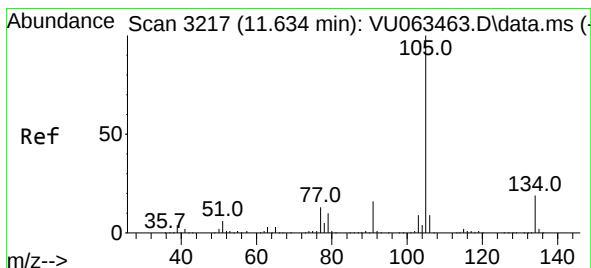
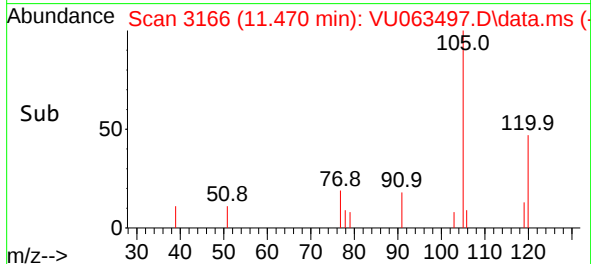
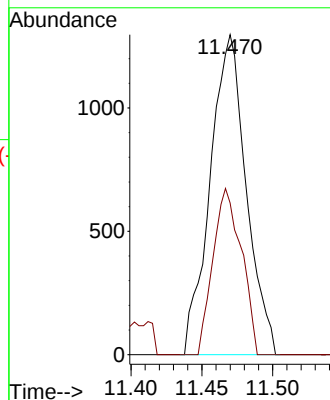
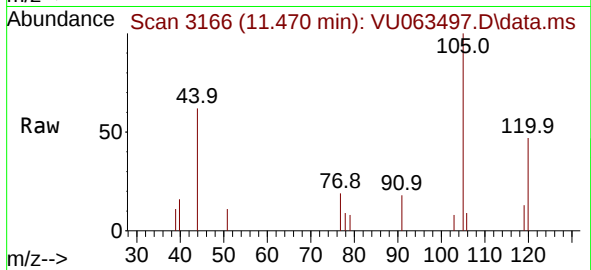
MDL05

Tgt Ion:105 Resp: 2295

Ion Ratio Lower Upper

105 100

120 41.0 22.1 66.3



#85

sec-Butylbenzene

Concen: 0.535 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU063497.D

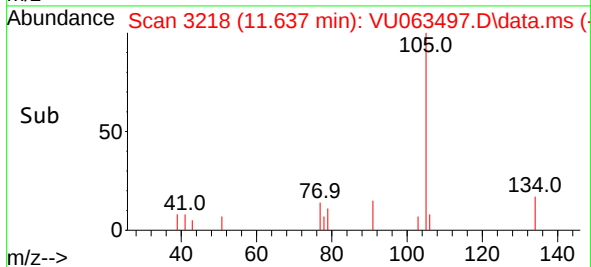
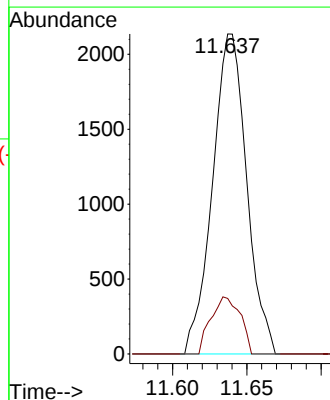
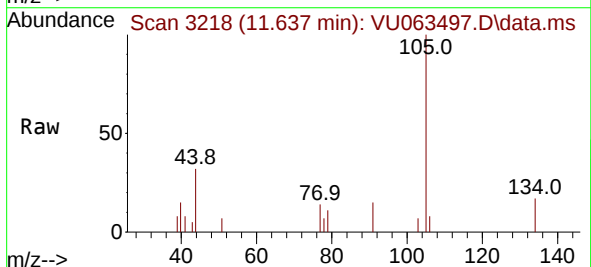
Acq: 11 Jul 2025 17:02

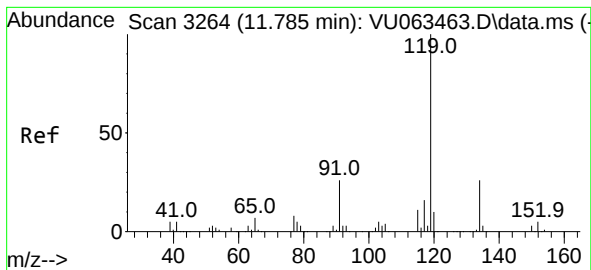
Tgt Ion:105 Resp: 3417

Ion Ratio Lower Upper

105 100

134 15.3 9.7 29.1





#86

p-Isopropyltoluene

Concen: 0.523 ug/l

RT: 11.791 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

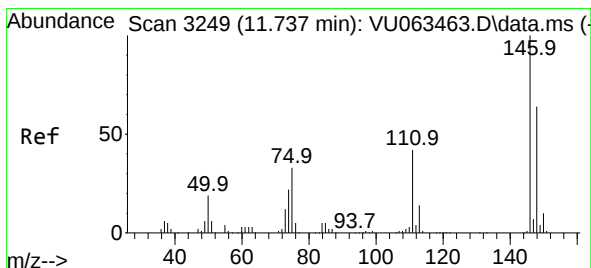
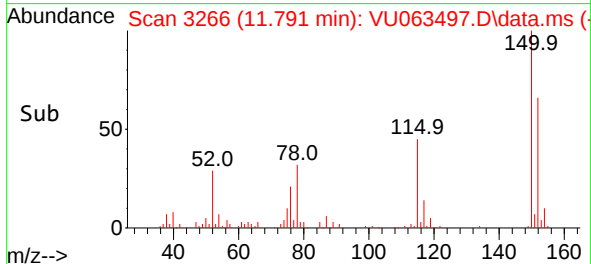
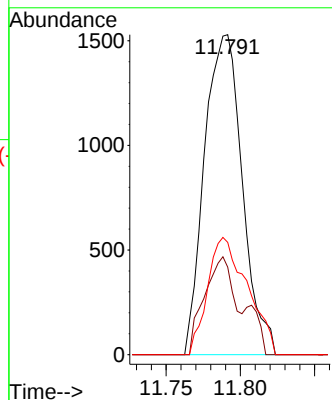
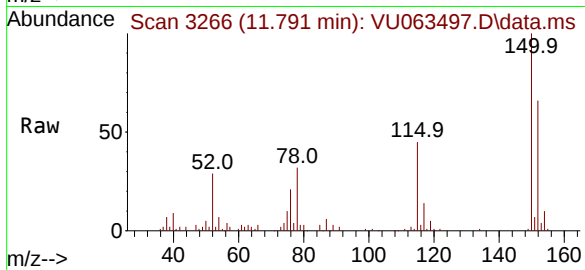
Tgt Ion:119 Resp: 2709

Ion Ratio Lower Upper

119 100

134 24.3 13.0 38.9

91 38.6 13.0 38.9



#87

1,3-Dichlorobenzene

Concen: 0.560 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

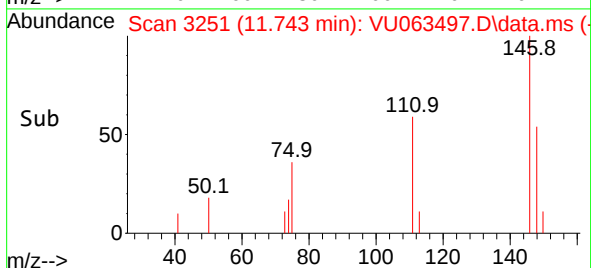
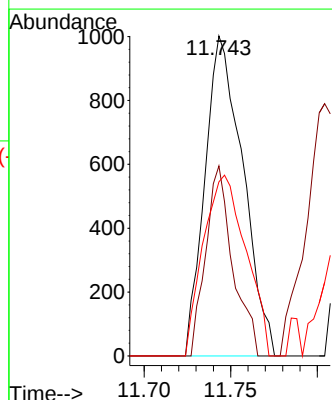
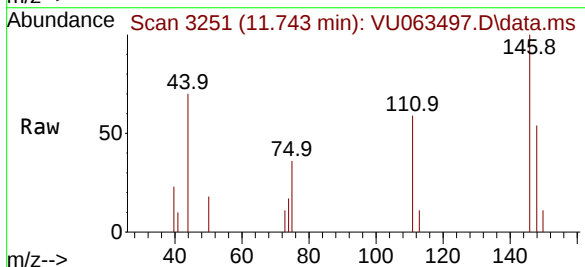
Tgt Ion:146 Resp: 1526

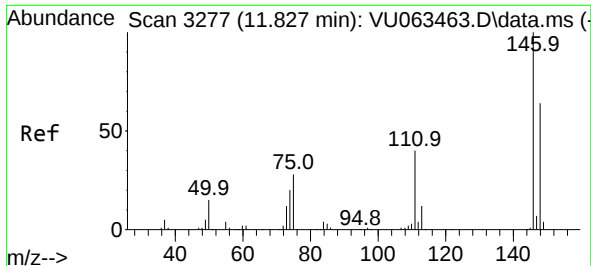
Ion Ratio Lower Upper

146 100

111 42.3 20.9 62.7

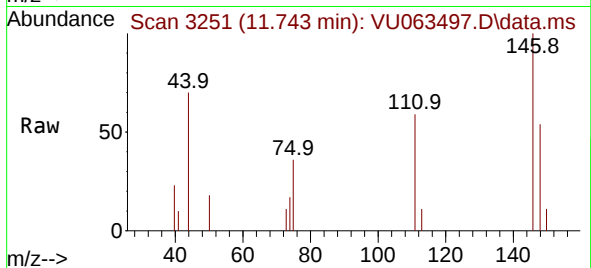
148 63.4 31.9 95.9



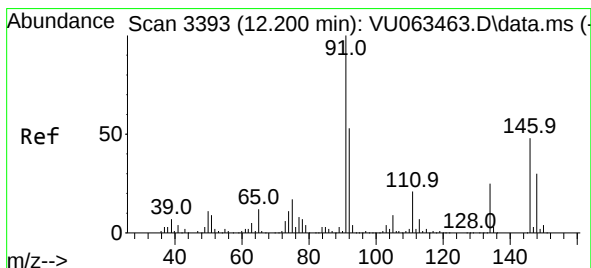
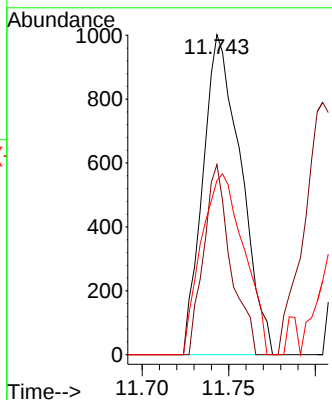
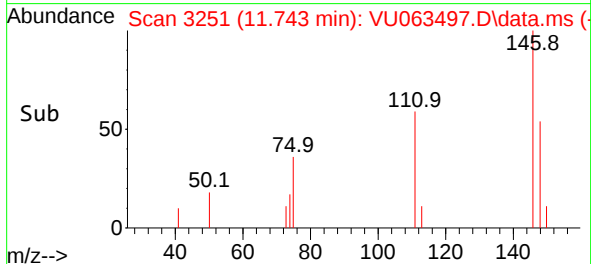


#88
1,4-Dichlorobenzene
Concen: 0.549 ug/l
RT: 11.743 min Scan# 31
Delta R.T. -0.084 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

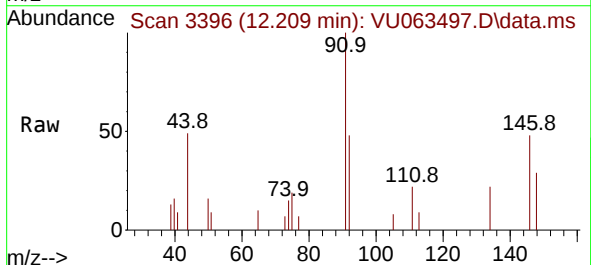
Instrument :
MSVOA_U
ClientSampleId :
MDL05



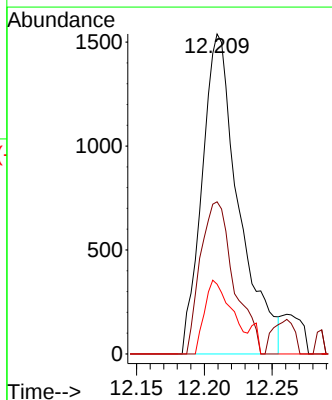
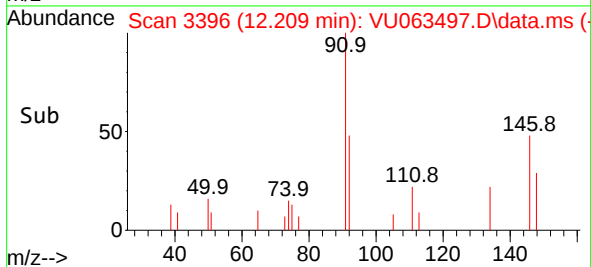
Tgt Ion:146 Resp: 1526
Ion Ratio Lower Upper
146 100
111 42.3 20.8 62.4
148 63.4 31.9 95.9

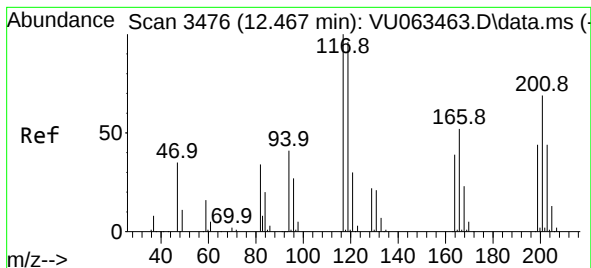


#89
n-Butylbenzene
Concen: 0.602 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02



Tgt Ion: 91 Resp: 2887
Ion Ratio Lower Upper
91 100
92 43.6 26.4 79.2
134 17.5 12.4 37.0





#90

Hexachloroethane

Concen: 0.191 ug/l

RT: 12.463 min Scan# 3476

Delta R.T. -0.003 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

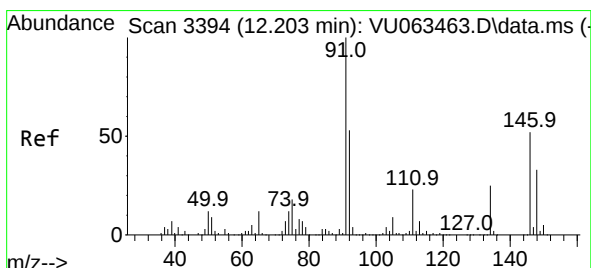
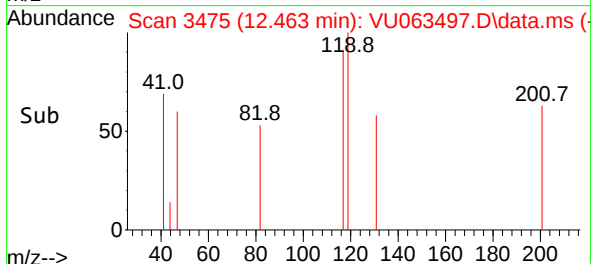
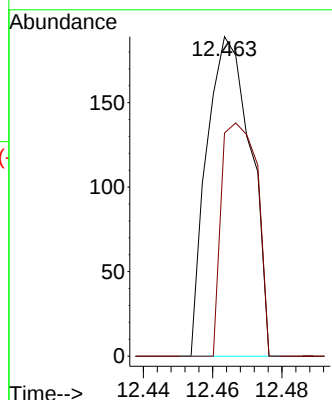
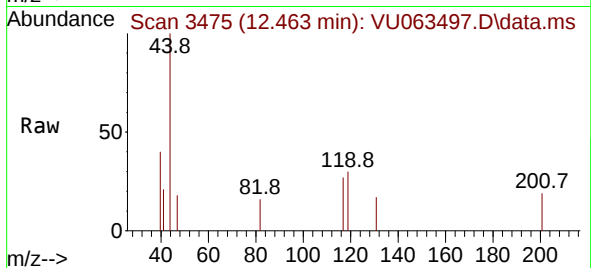
MDL05

Tgt Ion:117 Resp: 166

Ion Ratio Lower Upper

117 100

201 59.6 34.4 103.2



#91

1,2-Dichlorobenzene

Concen: 0.552 ug/l

RT: 12.216 min Scan# 3398

Delta R.T. 0.013 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

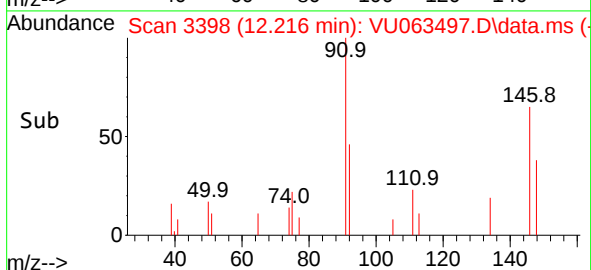
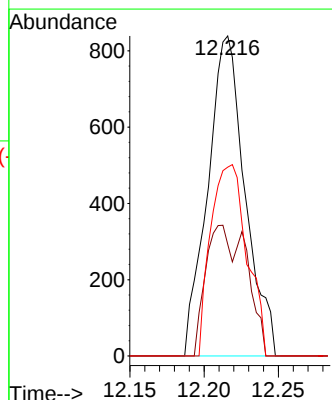
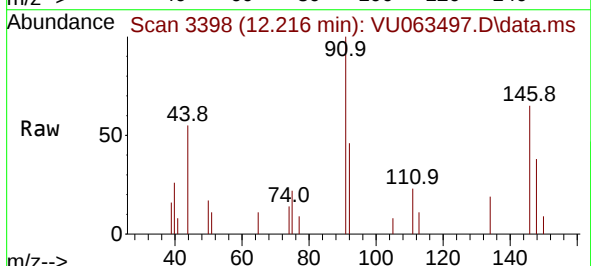
Tgt Ion:146 Resp: 1468

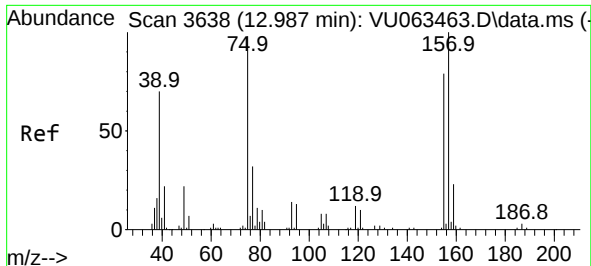
Ion Ratio Lower Upper

146 100

111 27.9 21.9 65.5

148 57.9 31.6 95.0

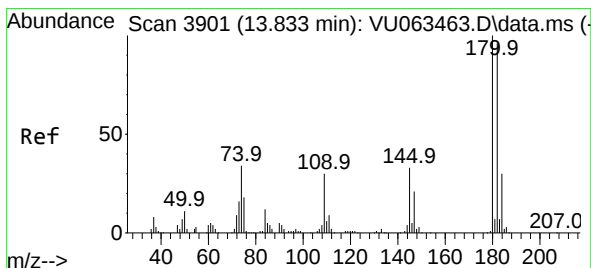
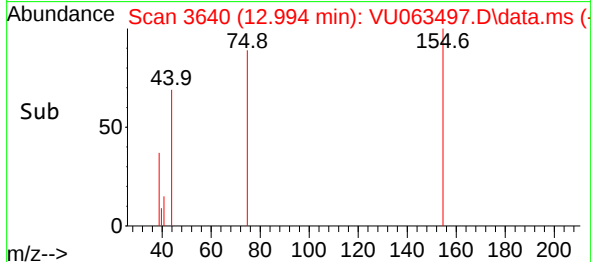
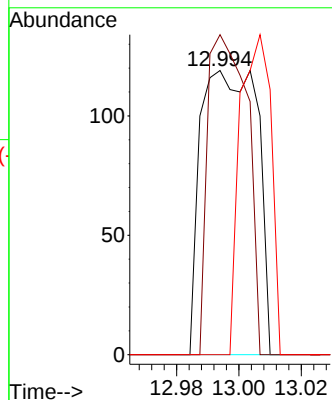
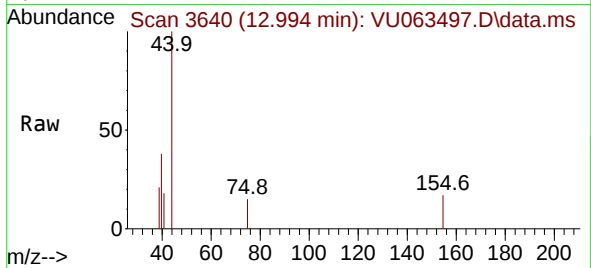




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.296 ug/l
 RT: 12.994 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

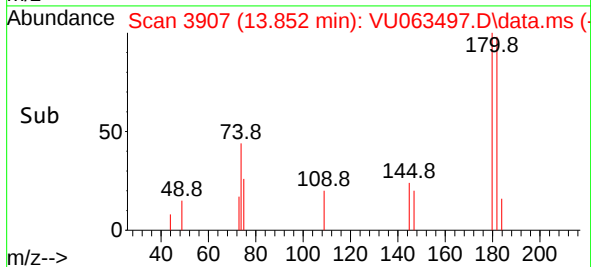
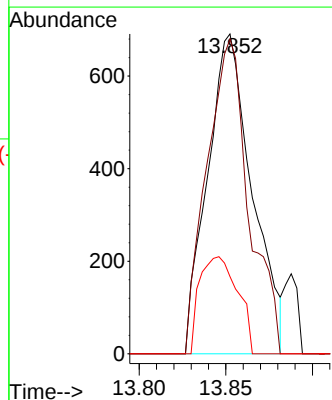
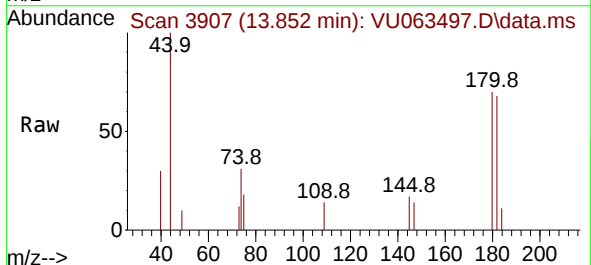
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

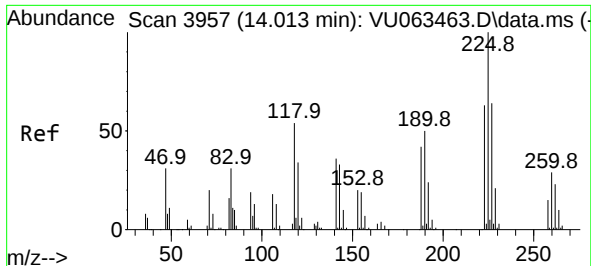
Tgt Ion: 75 Resp: 149
 Ion Ratio Lower Upper
 75 100
 155 78.5 39.1 117.5
 157 61.1 49.4 148.2



#93
 1,2,4-Trichlorobenzene
 Concen: 0.729 ug/l
 RT: 13.852 min Scan# 3907
 Delta R.T. 0.019 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

Tgt Ion: 180 Resp: 1241
 Ion Ratio Lower Upper
 180 100
 182 92.5 47.7 143.1
 145 25.8 16.6 49.7

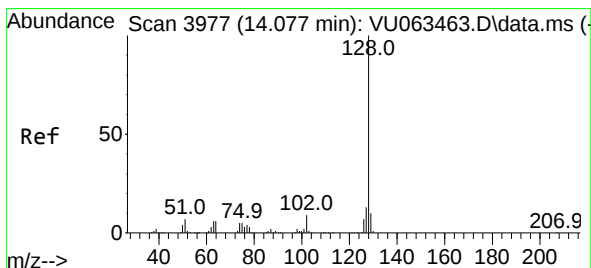
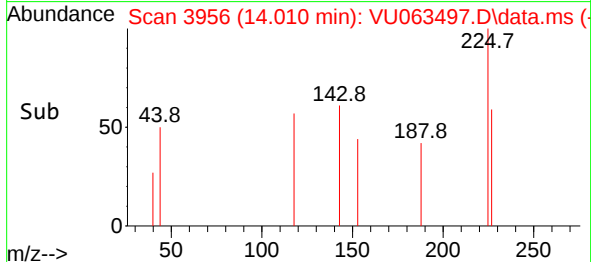
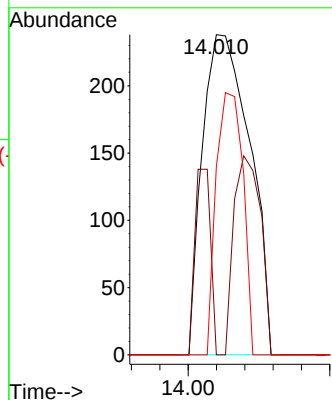
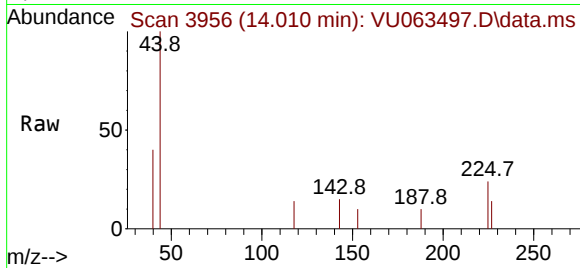




#94
Hexachlorobutadiene
Concen: 0.381 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

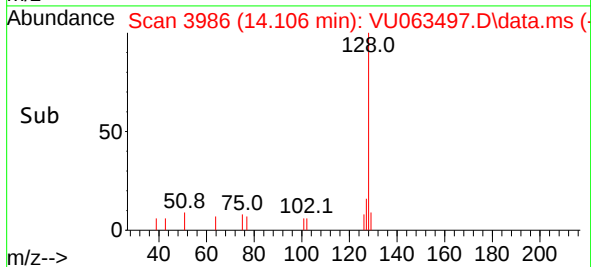
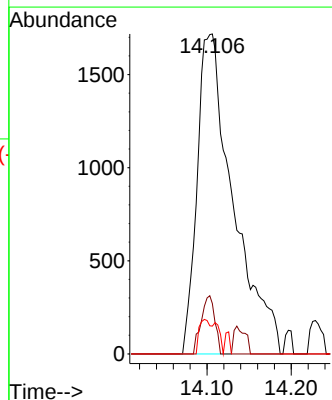
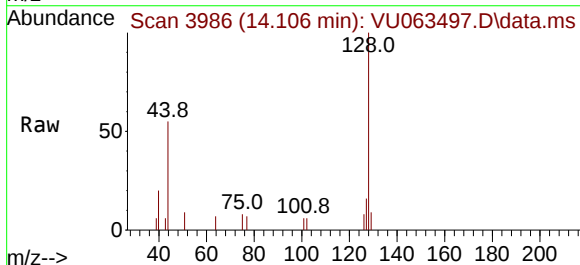
Instrument :
MSVOA_U
ClientSampleId :
MDL05

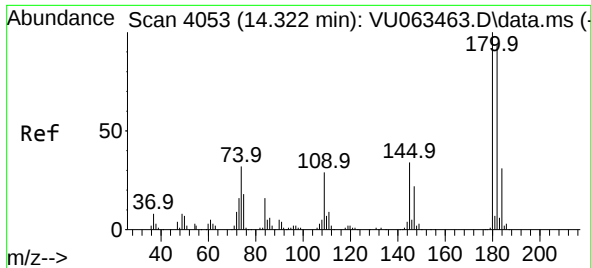
Tgt Ion:225 Resp: 277
Ion Ratio Lower Upper
225 100
223 19.1 32.4 97.0#
227 46.2 32.3 96.9



#95
Naphthalene
Concen: 0.918 ug/l
RT: 14.106 min Scan# 3986
Delta R.T. 0.029 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

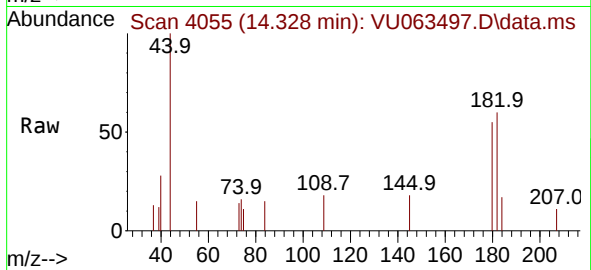
Tgt Ion:128 Resp: 5117
Ion Ratio Lower Upper
128 100
127 6.9 10.2 15.4#
129 5.3 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.645 ug/l
 RT: 14.328 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05



Tgt Ion:	180	Resp:	1080
Ion	Ratio	Lower	Upper
180	100		
182	103.9	47.8	143.3
145	25.0	17.2	51.5

