

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
 Data File : VU063475.D
 Acq On : 10 Jul 2025 13:02
 Operator : MD/SY
 Sample : MDL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Quant Time: Jul 11 04:50:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 11 04:42:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.357	168	114239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	205790	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	190349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	93992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	77874	53.428	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.860%
35) Dibromofluoromethane	5.274	113	60737	48.963	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	7.885	98	189901	46.964	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.920%
62) 4-Bromofluorobenzene	10.624	95	83724	47.337	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	2522	2.776	ug/l	95
3) Chloromethane	1.518	50	3502	3.165	ug/l	96
4) Vinyl Chloride	1.599	62	3636	2.963	ug/l	97
5) Bromomethane	1.846	94	3686	4.287	ug/l	98
6) Chloroethane	1.923	64	2805	3.155	ug/l	94
7) Trichlorofluoromethane	2.126	101	5404	2.730	ug/l	94
8) Diethyl Ether	2.367	74	2316	2.807	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.566	101	3499	2.988	ug/l	98
10) Methyl Iodide	2.708	142	3069	2.509	ug/l	89
11) Tert butyl alcohol	3.193	59	8332	17.049	ug/l #	93
12) 1,1-Dichloroethene	2.566	96	3346	3.070	ug/l	82
13) Acrolein	2.483	56	1003	14.541	ug/l	89
14) Allyl chloride	2.907	41	6918	2.667	ug/l	89
15) Acrylonitrile	3.306	53	15502	14.809	ug/l	91
16) Acetone	2.621	43	20788	17.002	ug/l	98
17) Carbon Disulfide	2.775	76	9283	3.563	ug/l #	94
18) Methyl Acetate	2.943	43	8338	2.650	ug/l	92
19) Methyl tert-butyl Ether	3.357	73	12677	2.697	ug/l	99
20) Methylene Chloride	3.029	84	6528	3.662	ug/l	85
21) trans-1,2-Dichloroethene	3.328	96	3719	3.176	ug/l	88
22) Diisopropyl ether	3.994	45	12352	2.796	ug/l	96
23) Vinyl Acetate	3.952	43	44739	13.052	ug/l	98
24) 1,1-Dichloroethane	3.846	63	6474	2.582	ug/l	100
25) 2-Butanone	4.718	43	20654	15.048	ug/l	90
26) 2,2-Dichloropropane	4.647	77	5977	2.740	ug/l	94
27) cis-1,2-Dichloroethene	4.656	96	4440	2.873	ug/l	99
28) Bromochloromethane	4.962	49	3492	2.965	ug/l #	98
29) Tetrahydrofuran	5.055	42	14407	16.639	ug/l	91
30) Chloroform	5.074	83	7236	2.734	ug/l	90
31) Cyclohexane	5.364	56	8552	4.243	ug/l #	67
32) 1,1,1-Trichloroethane	5.299	97	6054	2.686	ug/l	96
36) 1,1-Dichloropropene	5.518	75	4974	2.951	ug/l	90
37) Ethyl Acetate	4.824	43	5439	1.993	ug/l #	76
38) Carbon Tetrachloride	5.505	117	5016	2.701	ug/l	95
39) Methylcyclohexane	6.750	83	5807	2.851	ug/l #	85
40) Benzene	5.766	78	13861	2.633	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.981	41	2191	1.701	ug/l #	72
42) 1,2-Dichloroethane	5.795	62	5751	2.906	ug/l	93
43) Isopropyl Acetate	5.920	43	8713	2.403	ug/l #	93
44) Trichloroethene	6.531	130	3843	2.728	ug/l	86
45) 1,2-Dichloropropane	6.788	63	3876	2.649	ug/l	92
46) Dibromomethane	6.910	93	2969	2.852	ug/l	91
47) Bromodichloromethane	7.097	83	5180	2.393	ug/l #	99
48) Methyl methacrylate	6.968	41	4810	2.870	ug/l #	85
49) 1,4-Dioxane	6.975	88	1944	52.864	ug/l	92
51) 4-Methyl-2-Pentanone	7.785	43	36556	13.930	ug/l	99
52) Toluene	7.962	92	9476	2.752	ug/l	93
53) t-1,3-Dichloropropene	8.209	75	4436	2.342	ug/l #	87
54) cis-1,3-Dichloropropene	7.602	75	5196	2.450	ug/l	98
55) 1,1,2-Trichloroethane	8.393	97	3700	2.530	ug/l #	87
56) Ethyl methacrylate	8.328	69	5270	2.234	ug/l #	82
57) 1,3-Dichloropropane	8.566	76	6425	2.666	ug/l	97
59) 2-Hexanone	8.682	43	29712	14.969	ug/l	98
60) Dibromochloromethane	8.801	129	3796	2.317	ug/l	99
61) 1,2-Dibromoethane	8.920	107	3869	2.696	ug/l	99
64) Tetrachloroethene	8.540	164	3541	2.499	ug/l #	80
65) Chlorobenzene	9.441	112	10863	2.743	ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.524	131	3133	2.307	ug/l	78
67) Ethyl Benzene	9.563	91	18135	2.664	ug/l	98
68) m/p-Xylenes	9.688	106	13464	5.183	ug/l	97
69) o-Xylene	10.093	106	6449	2.442	ug/l	89
70) Styrene	10.113	104	10562	2.515	ug/l	97
71) Bromoform	10.283	173	2689	2.272	ug/l #	99
73) Isopropylbenzene	10.476	105	17598	2.752	ug/l	96
74) N-amyl acetate	10.322	43	8118	2.830	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.775	83	6444	2.737	ug/l	96
76) 1,2,3-Trichloropropane	10.820	75	6597	2.649	ug/l #	81
77) Bromobenzene	10.775	156	4157	2.652	ug/l #	56
78) n-propylbenzene	10.901	91	20992	2.830	ug/l	96
79) 2-Chlorotoluene	10.981	91	14035	3.017	ug/l	96
80) 1,3,5-Trimethylbenzene	11.081	105	14865	2.657	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.624	75	45528	91.170	ug/l #	12
82) 4-Chlorotoluene	11.093	91	14433	2.733	ug/l	94
83) tert-Butylbenzene	11.412	119	14730	2.746	ug/l	97
84) 1,2,4-Trimethylbenzene	11.463	105	14842	2.702	ug/l	93
85) sec-Butylbenzene	11.634	105	19357	2.735	ug/l	99
86) p-Isopropyltoluene	11.785	119	14584	2.540	ug/l	93
87) 1,3-Dichlorobenzene	11.743	146	8313	2.752	ug/l	96
88) 1,4-Dichlorobenzene	11.830	146	9485	3.080	ug/l	94
89) n-Butylbenzene	12.203	91	15441	2.905	ug/l	95
90) Hexachloroethane	12.466	117	2319	2.414	ug/l	93
91) 1,2-Dichlorobenzene	12.209	146	8100	2.750	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.994	75	1538	2.758	ug/l	92
93) 1,2,4-Trichlorobenzene	13.839	180	5732	3.038	ug/l	97
94) Hexachlorobutadiene	14.013	225	2192	2.718	ug/l	96
95) Naphthalene	14.087	128	23894	3.867	ug/l	99
96) 1,2,3-Trichlorobenzene	14.325	180	5878	3.170	ug/l	91

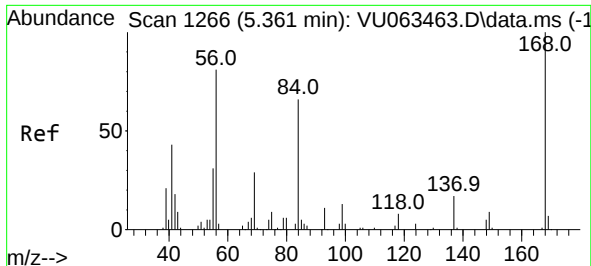
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
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QLast Update : Fri Jul 11 04:42:35 2025
Response via : Initial Calibration

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

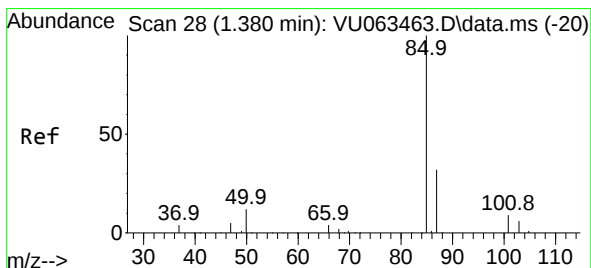
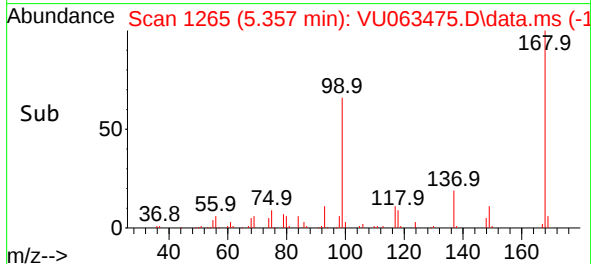
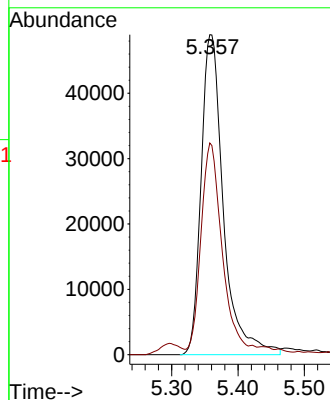
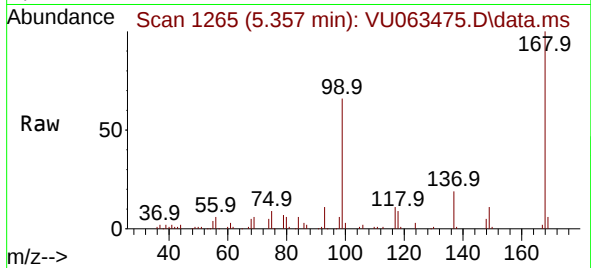
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

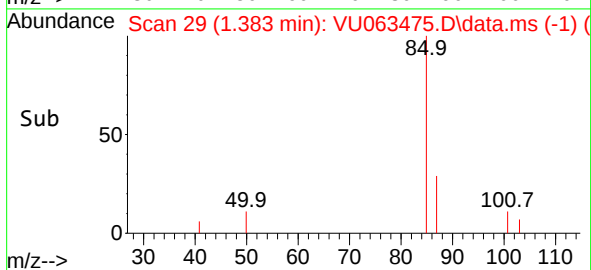
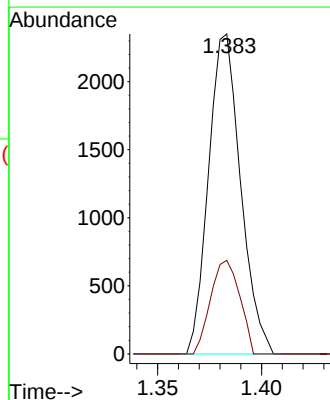
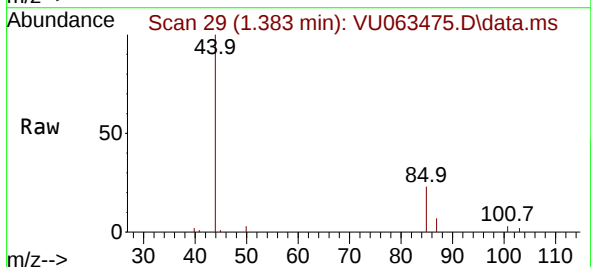
Instrument :
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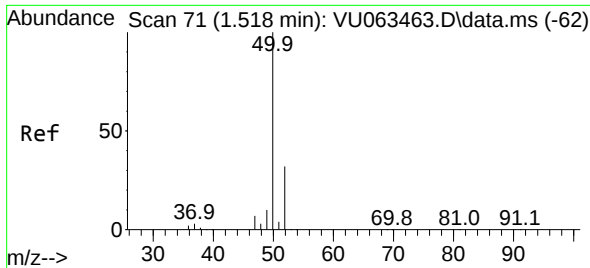
Tgt Ion:168 Resp: 114239
Ion Ratio Lower Upper
168 100
99 64.4 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 2.776 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 85 Resp: 2522
Ion Ratio Lower Upper
85 100
87 29.2 16.1 48.2

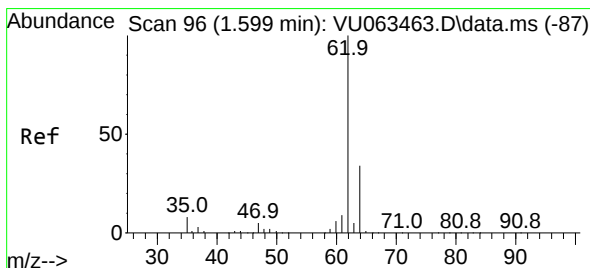
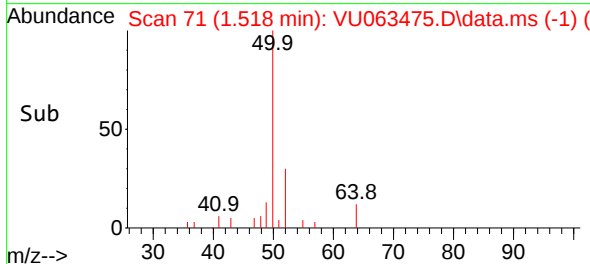
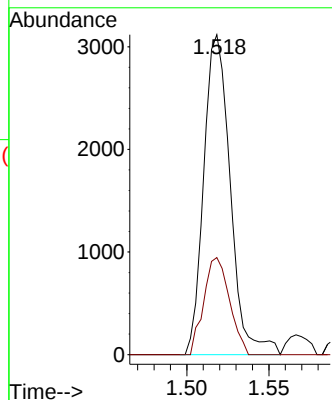
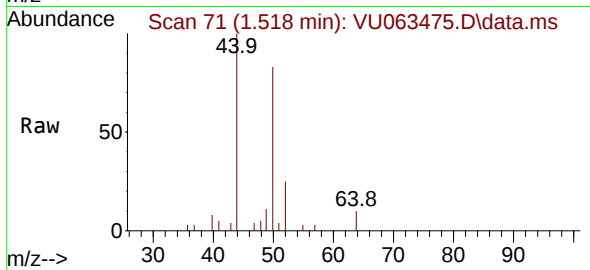




#3
Chloromethane
Concen: 3.165 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

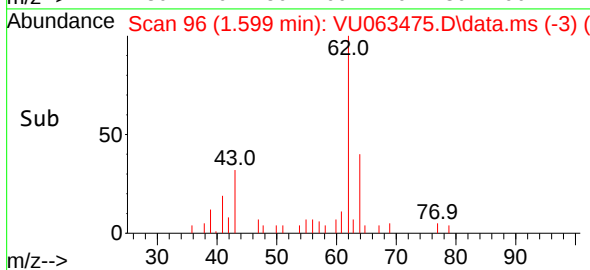
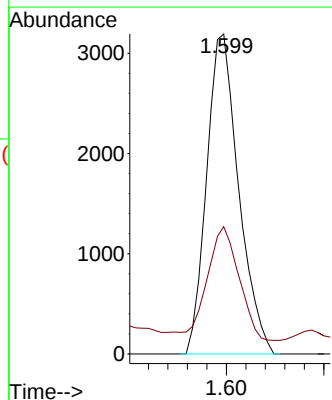
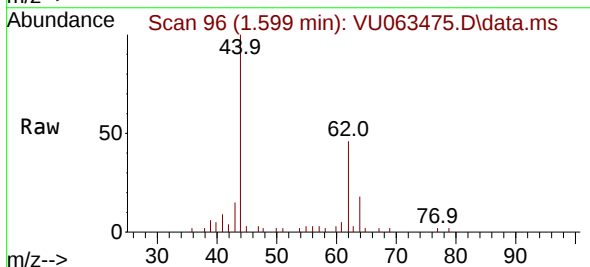
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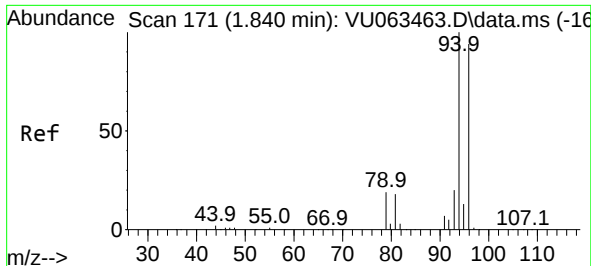
Tgt Ion: 50 Resp: 3502
Ion Ratio Lower Upper
50 100
52 30.3 25.8 38.8



#4
Vinyl Chloride
Concen: 2.963 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 62 Resp: 3636
Ion Ratio Lower Upper
62 100
64 35.5 26.9 40.3

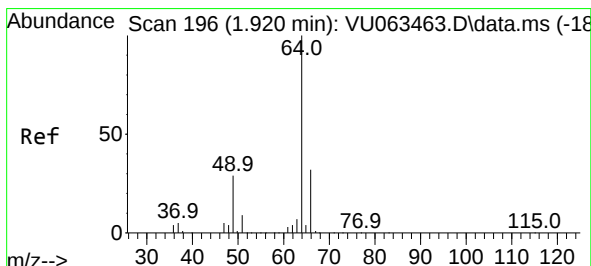
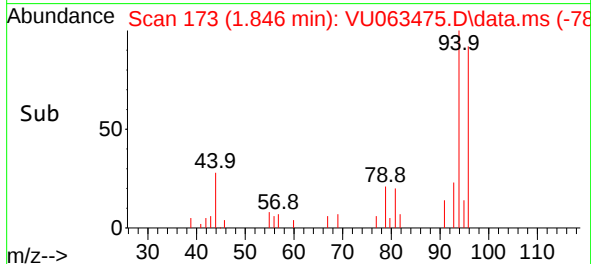
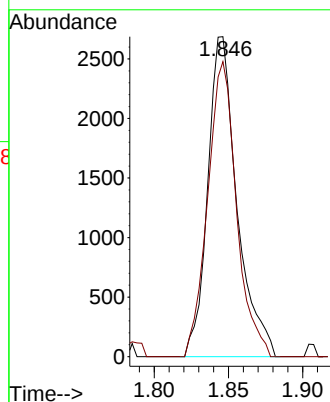
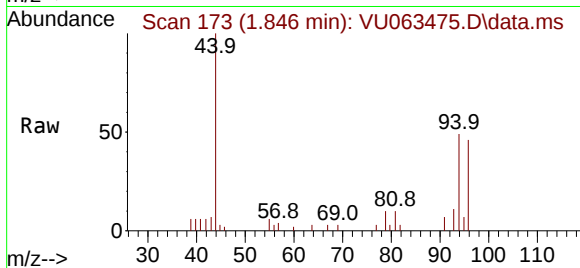




#5
Bromomethane
Concen: 4.287 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

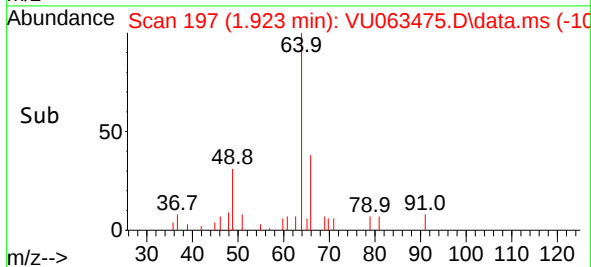
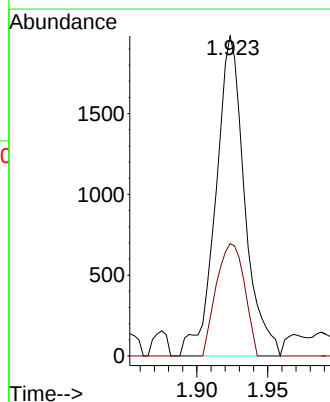
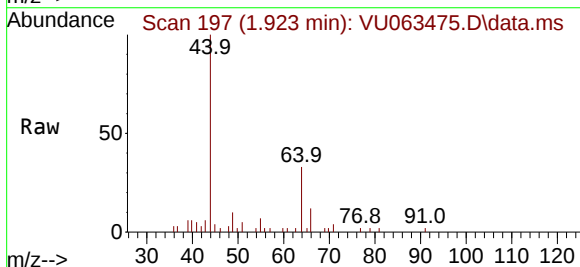
Instrument :
MSVOA_U
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Tgt Ion: 94 Resp: 3686
Ion Ratio Lower Upper
94 100
96 92.2 75.5 113.3



#6
Chloroethane
Concen: 3.155 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 64 Resp: 2805
Ion Ratio Lower Upper
64 100
66 35.1 25.3 37.9

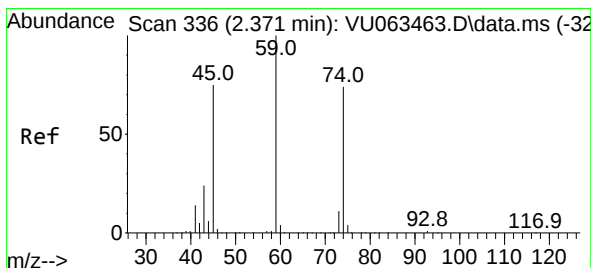
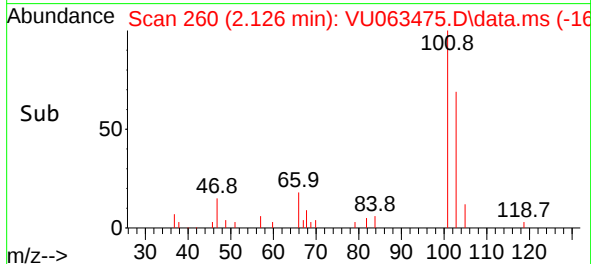
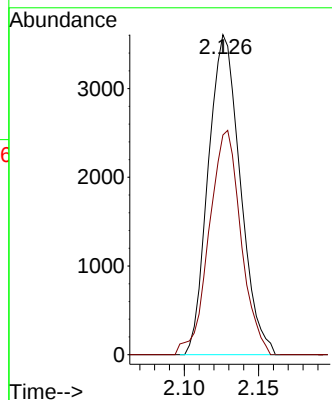
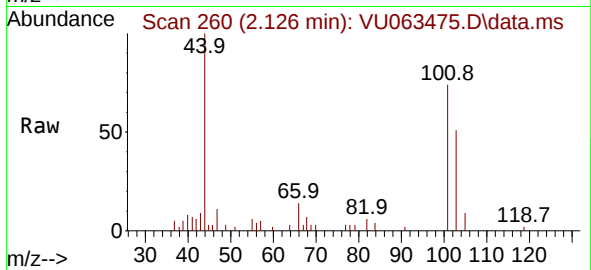




#7
 Trichlorofluoromethane
 Concen: 2.730 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU063475.D
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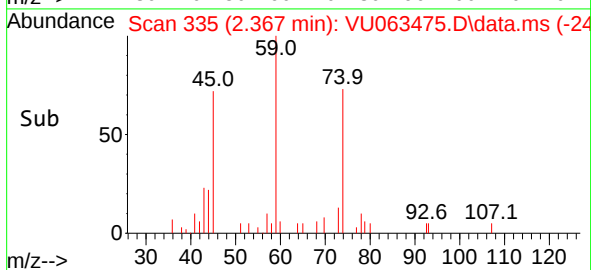
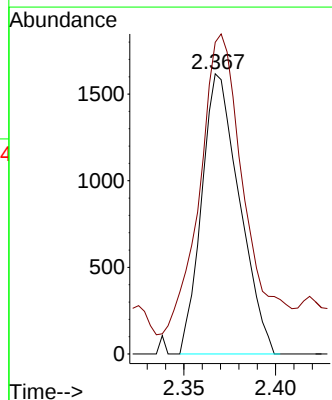
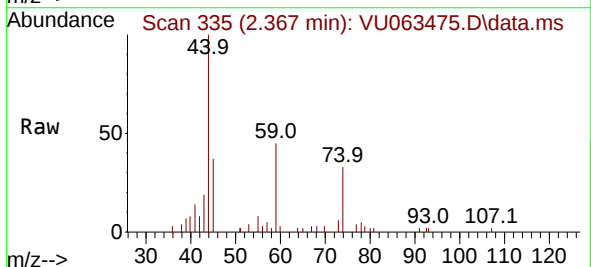
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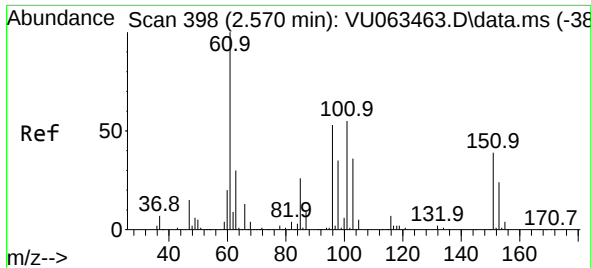
Tgt Ion:101 Resp: 5404
 Ion Ratio Lower Upper
 101 100
 103 68.7 51.1 76.7



#8
 Diethyl Ether
 Concen: 2.807 ug/l
 RT: 2.367 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VU063475.D
 Acq: 10 Jul 2025 13:02

Tgt Ion: 74 Resp: 2316
 Ion Ratio Lower Upper
 74 100
 45 124.4 49.7 149.1

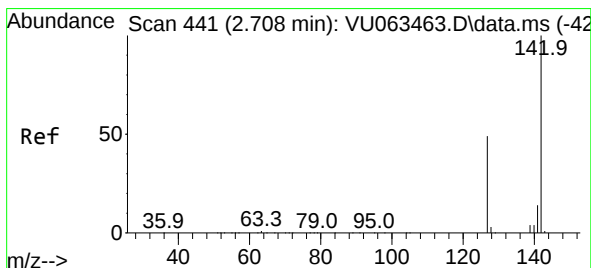
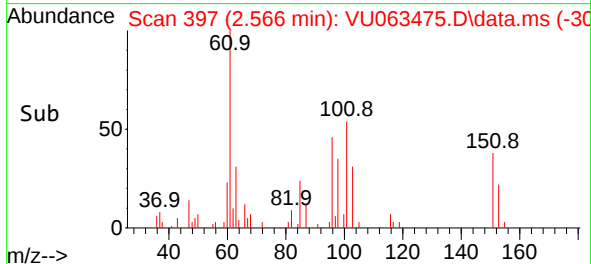
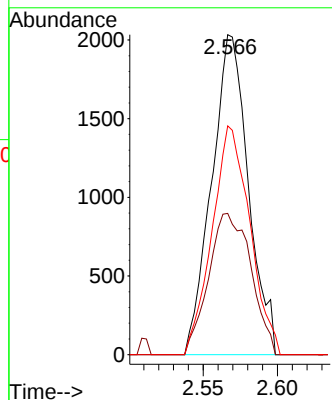
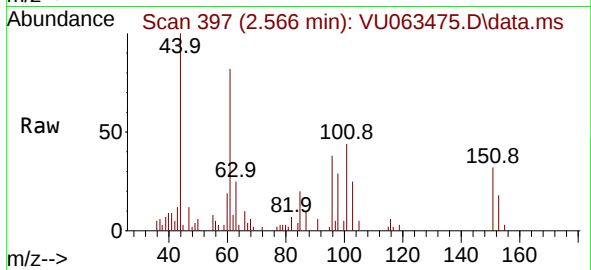




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.988 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

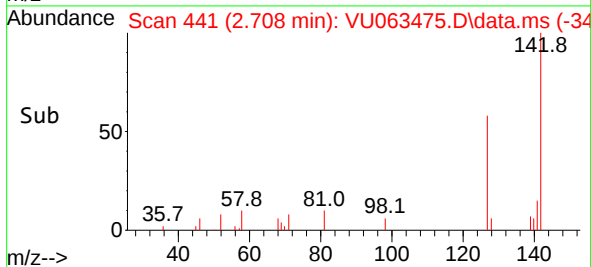
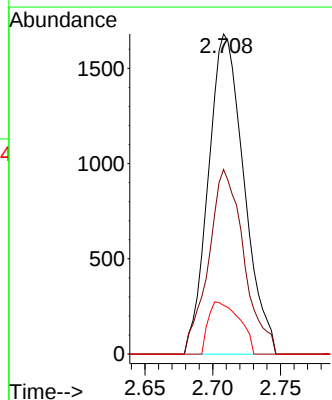
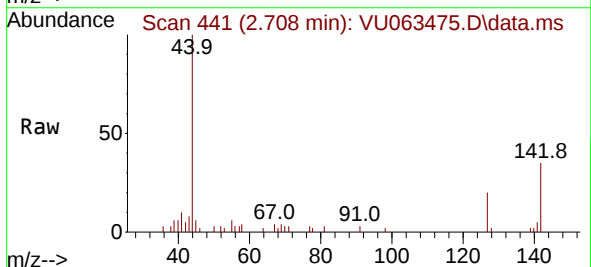
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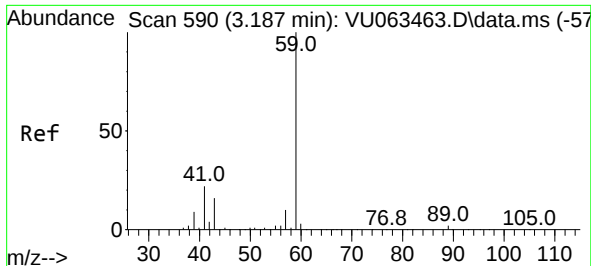
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Ion Ratio Lower Upper
101 100
85 50.9 39.6 59.4
151 73.7 57.2 85.8



#10
Methyl Iodide
Concen: 2.509 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion:142 Resp: 3069
Ion Ratio Lower Upper
142 100
127 57.1 38.2 57.4
141 14.2 11.1 16.7

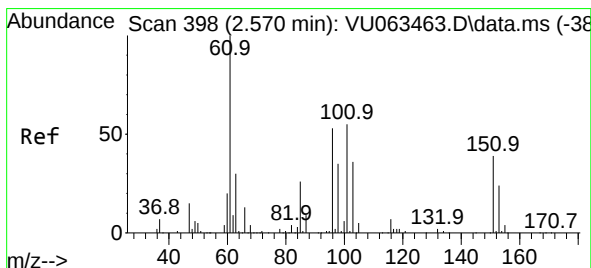
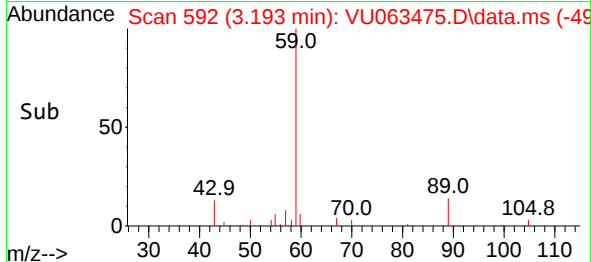
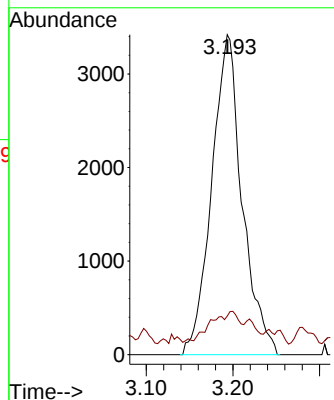
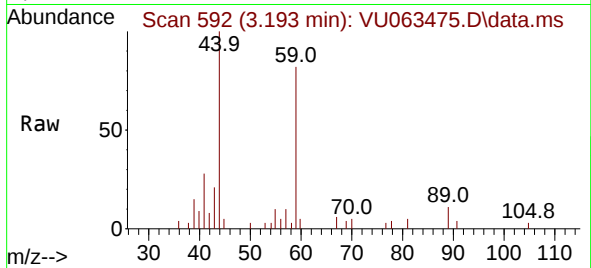




#11
Tert butyl alcohol
Concen: 17.049 ug/l
RT: 3.193 min Scan# 591
Delta R.T. 0.006 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

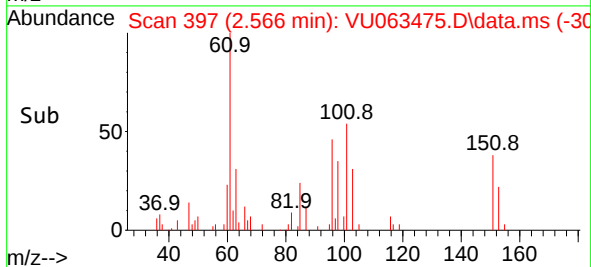
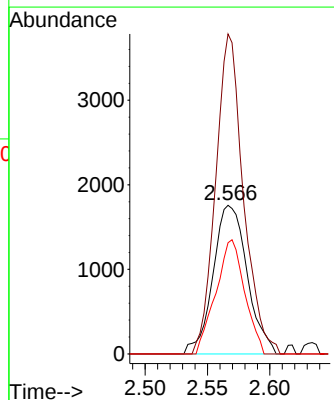
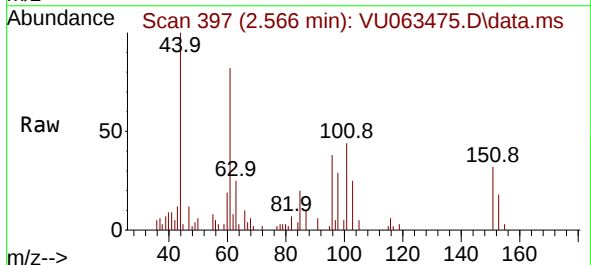
Instrument :
MSVOA_U
ClientSampleId :
MDL01

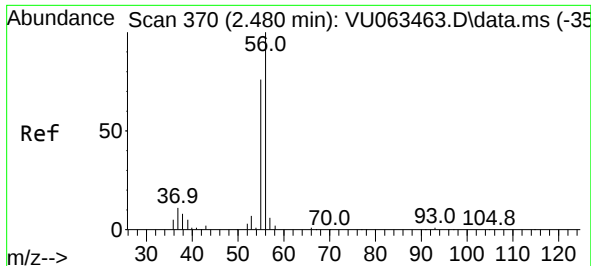
Tgt Ion: 59 Resp: 8332
Ion Ratio Lower Upper
59 100
57 8.4 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 3.070 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 96 Resp: 3346
Ion Ratio Lower Upper
96 100
61 215.2 149.6 224.4
98 74.8 52.0 78.0

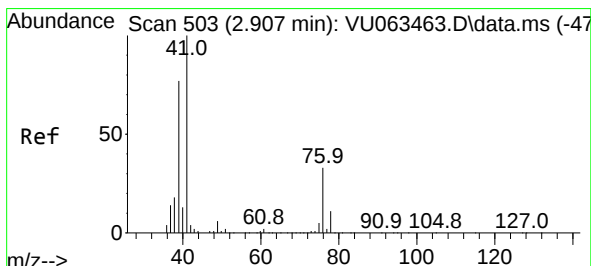
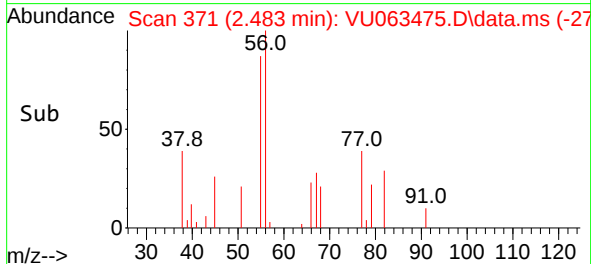
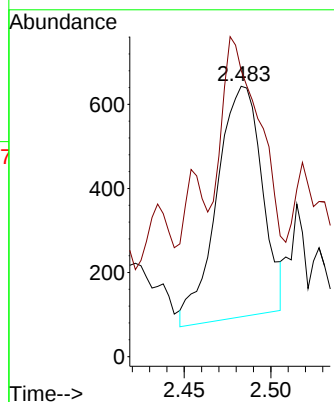
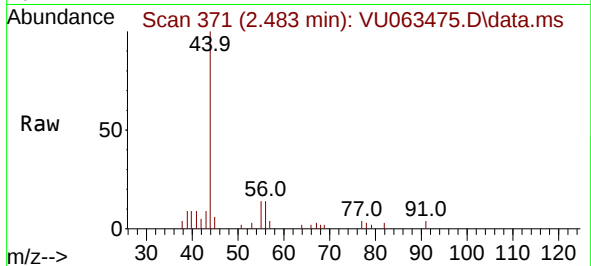




#13
Acrolein
Concen: 14.541 ug/l
RT: 2.483 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

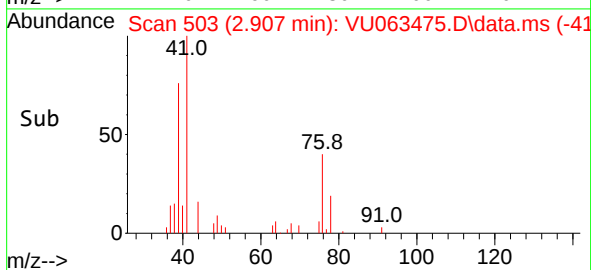
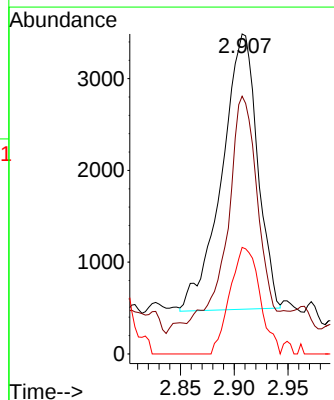
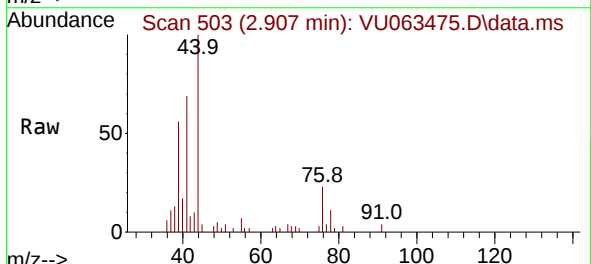
Instrument :
MSVOA_U
ClientSampleId :
MDL01

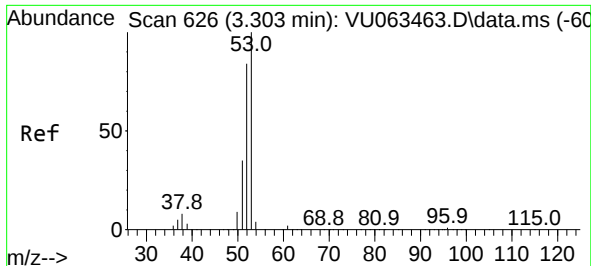
Tgt Ion: 56 Resp: 1003
Ion Ratio Lower Upper
56 100
55 84.4 60.2 90.2



#14
Allyl chloride
Concen: 2.667 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 41 Resp: 6918
Ion Ratio Lower Upper
41 100
39 77.7 53.9 80.9
76 32.5 23.1 34.7

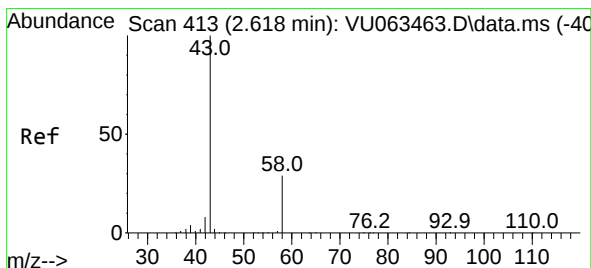
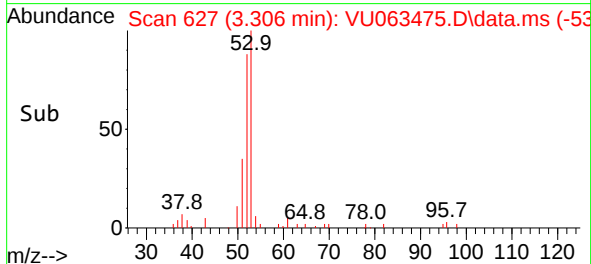
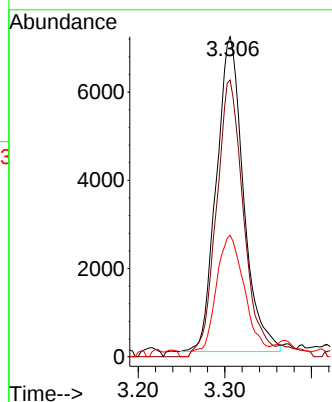
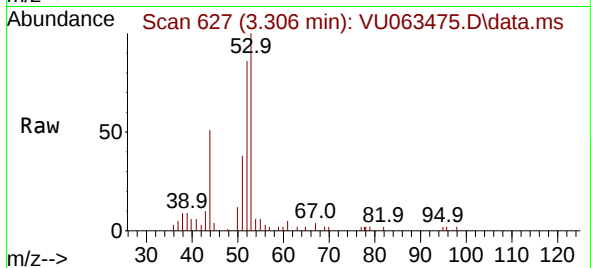




#15
Acrylonitrile
Concen: 14.809 ug/l
RT: 3.306 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

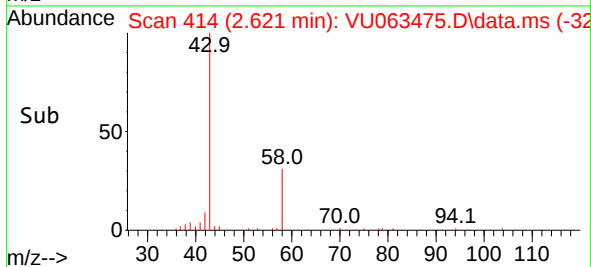
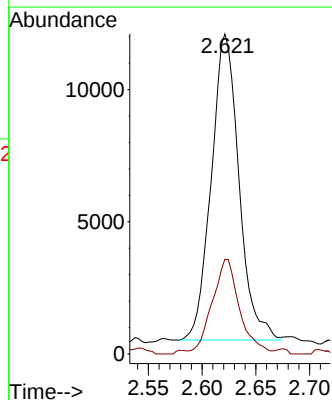
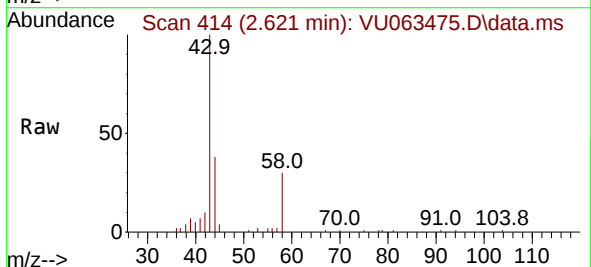
Instrument :
MSVOA_U
ClientSampleId :
MDL01

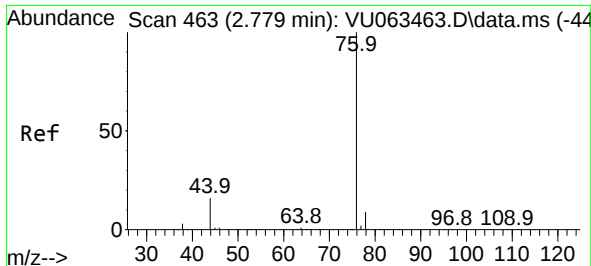
Tgt Ion: 53 Resp: 15502
Ion Ratio Lower Upper
53 100
52 88.5 65.0 97.4
51 41.5 28.8 43.2



#16
Acetone
Concen: 17.002 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 43 Resp: 20788
Ion Ratio Lower Upper
43 100
58 29.8 23.1 34.7

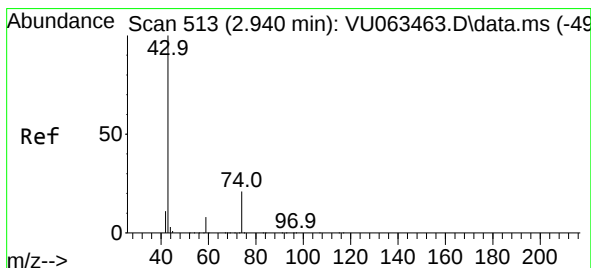
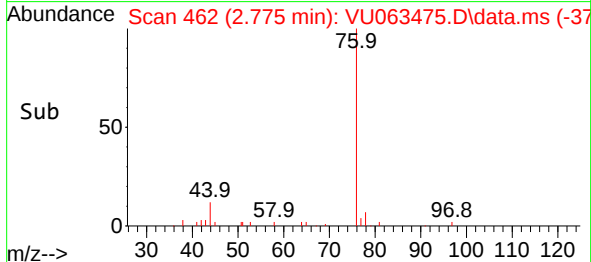
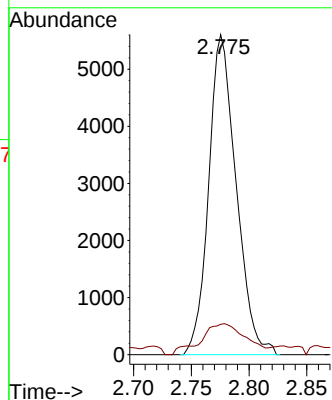
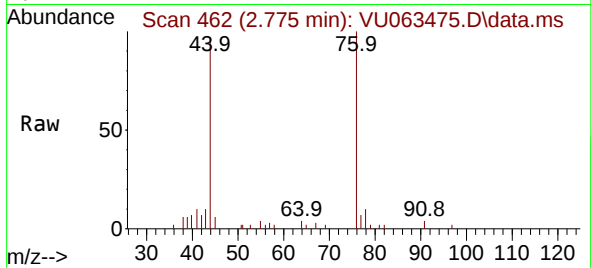




#17
Carbon Disulfide
Concen: 3.563 ug/l
RT: 2.775 min Scan# 41
Delta R.T. -0.004 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

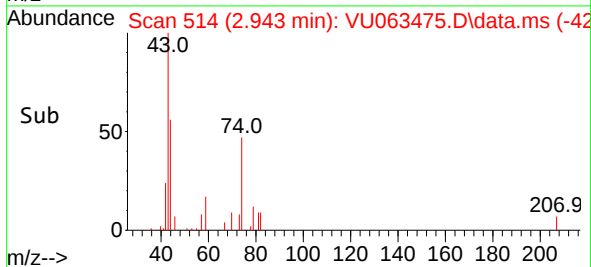
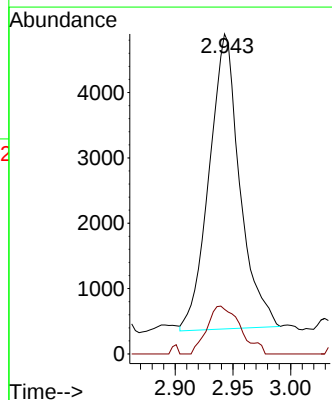
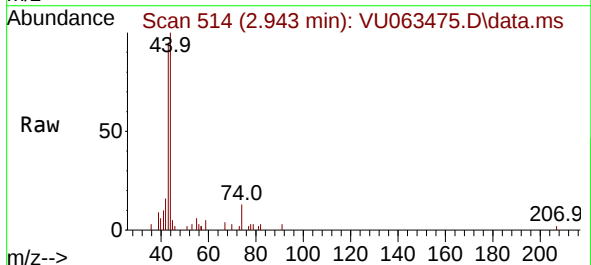
Instrument :
MSVOA_U
ClientSampleId :
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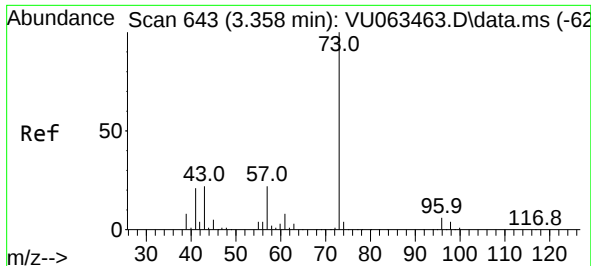
Tgt Ion: 76 Resp: 9283
Ion Ratio Lower Upper
76 100
78 7.1 7.5 11.3#



#18
Methyl Acetate
Concen: 2.650 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 43 Resp: 8338
Ion Ratio Lower Upper
43 100
74 17.6 17.3 25.9

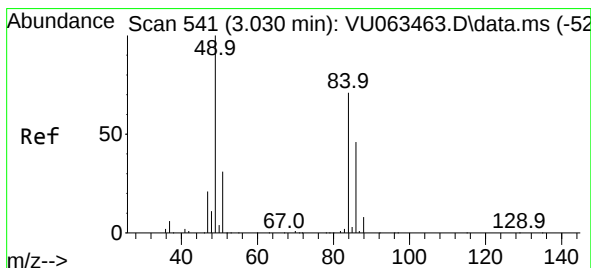
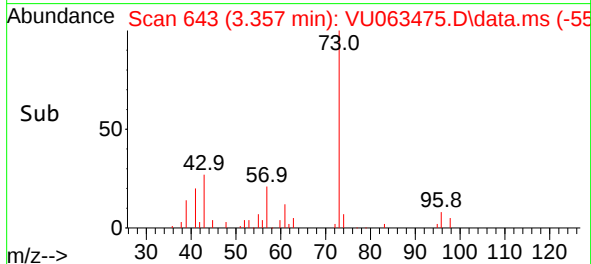
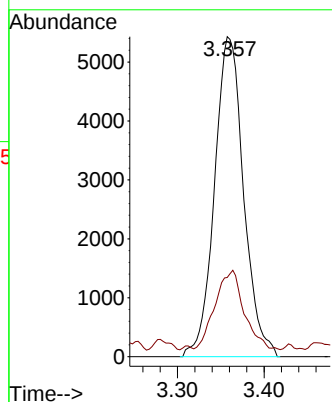
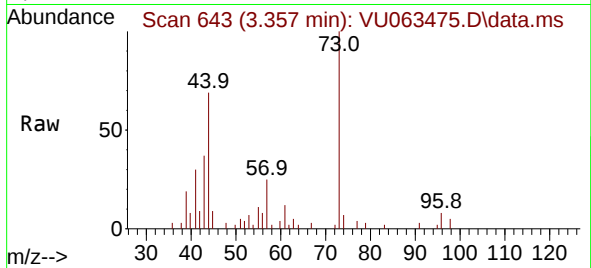




#19
Methyl tert-butyl Ether
Concen: 2.697 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.001 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

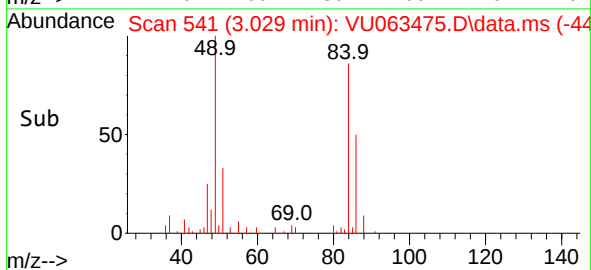
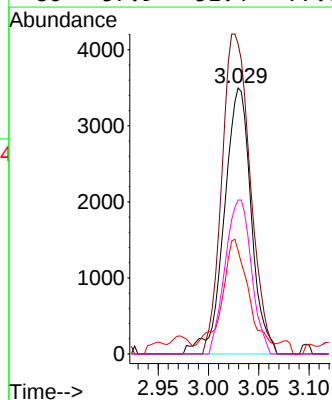
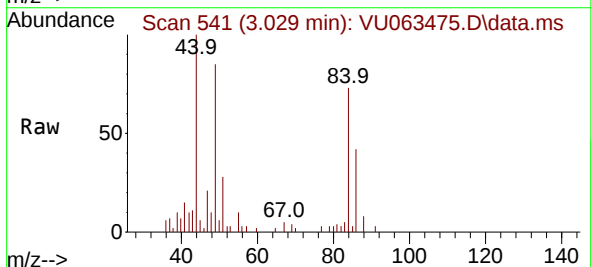
Instrument :
MSVOA_U
ClientSampleId :
MDL01

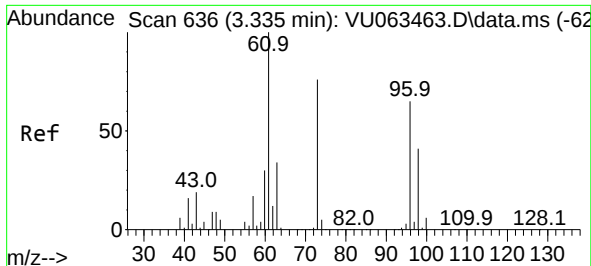
Tgt Ion: 73 Resp: 12677
Ion Ratio Lower Upper
73 100
57 22.6 17.8 26.6



#20
Methylene Chloride
Concen: 3.662 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.001 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 84 Resp: 6528
Ion Ratio Lower Upper
84 100
49 116.5 112.1 168.1
51 34.5 34.4 51.6
86 57.9 51.4 77.0

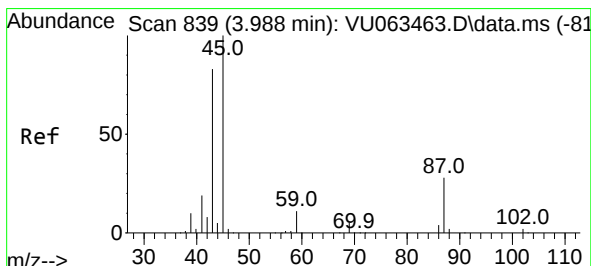
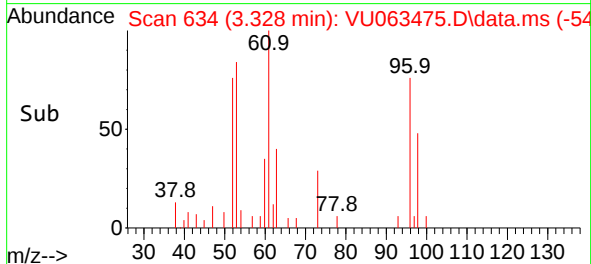
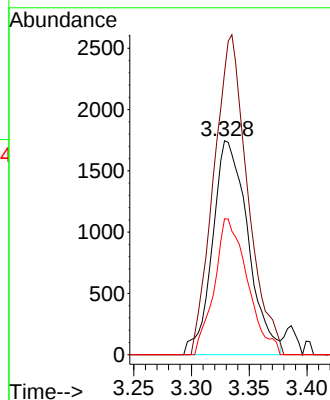
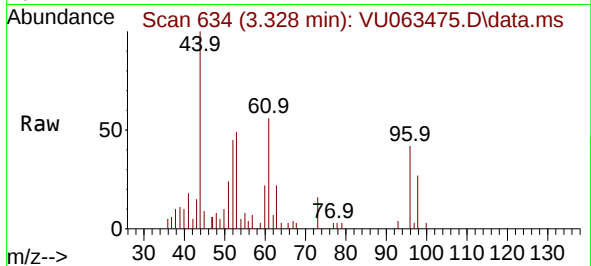




#21
trans-1,2-Dichloroethene
Concen: 3.176 ug/l
RT: 3.328 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

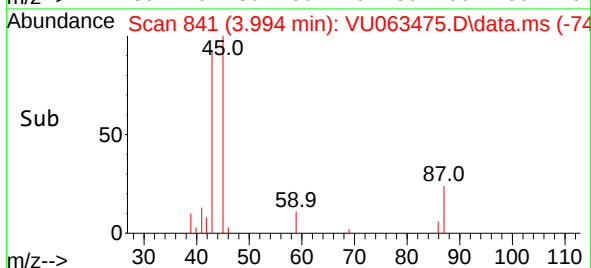
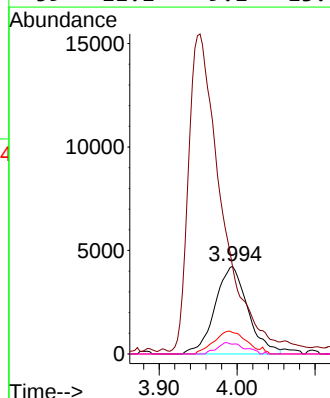
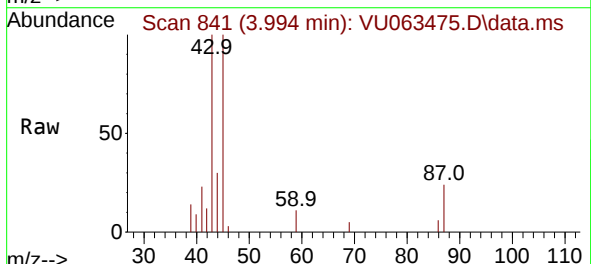
Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 96 Resp: 3719
Ion Ratio Lower Upper
96 100
61 131.7 122.2 183.4
98 63.5 49.9 74.9



#22
Diisopropyl ether
Concen: 2.796 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.006 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 45 Resp: 12352
Ion Ratio Lower Upper
45 100
43 86.1 66.5 99.7
87 24.5 22.6 33.8
59 11.1 9.1 13.7

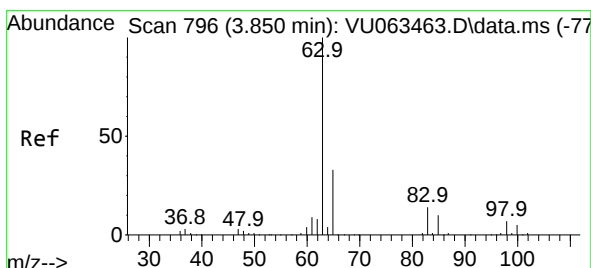
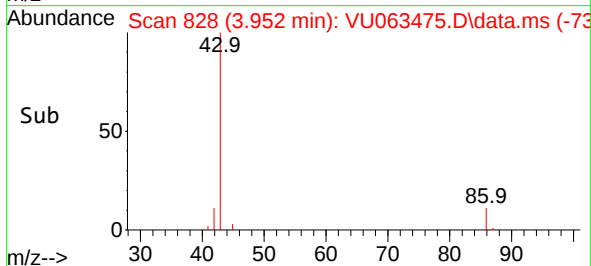
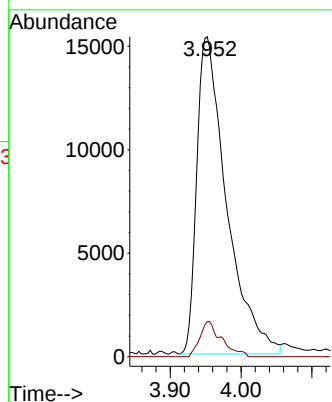
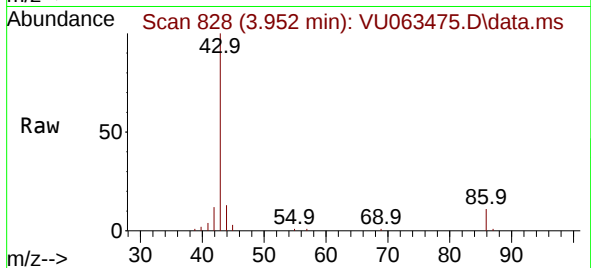




#23
 Vinyl Acetate
 Concen: 13.052 ug/l
 RT: 3.952 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VU063475.D
 Acq: 10 Jul 2025 13:02

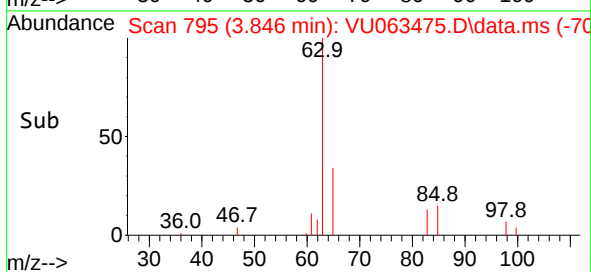
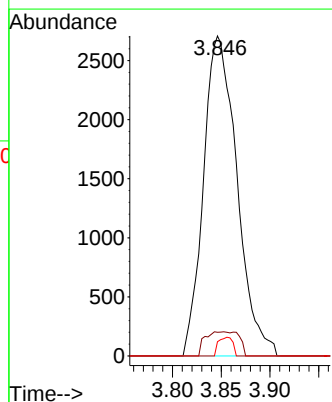
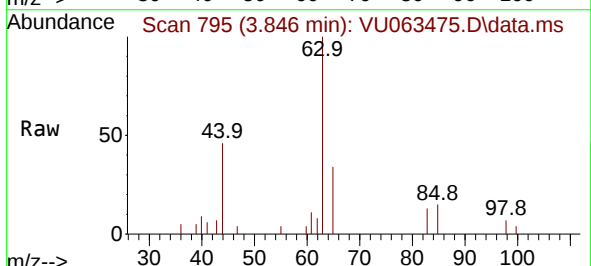
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

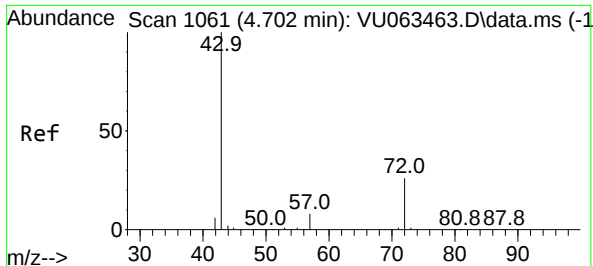
Tgt Ion: 43 Resp: 44739
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 2.582 ug/l
 RT: 3.846 min Scan# 795
 Delta R.T. -0.003 min
 Lab File: VU063475.D
 Acq: 10 Jul 2025 13:02

Tgt Ion: 63 Resp: 6474
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 15.048 ug/l

RT: 4.718 min Scan# 1066

Delta R.T. 0.016 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

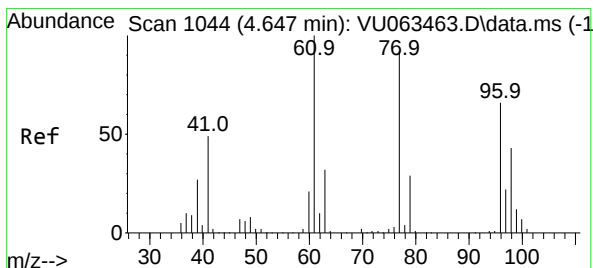
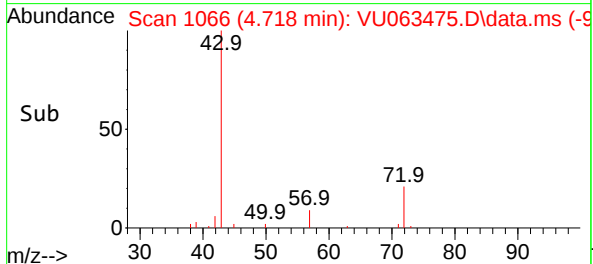
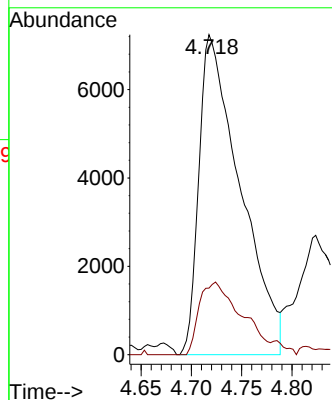
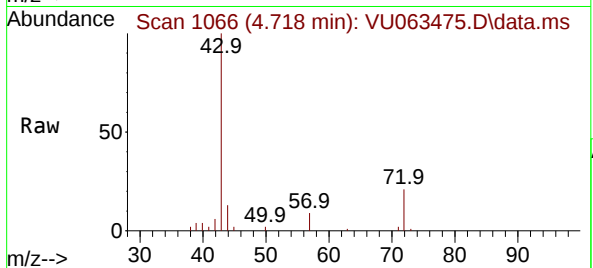
MDL01

Tgt Ion: 43 Resp: 20654

Ion Ratio Lower Upper

43 100

72 20.8 20.7 31.1



#26

2,2-Dichloropropane

Concen: 2.740 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063475.D

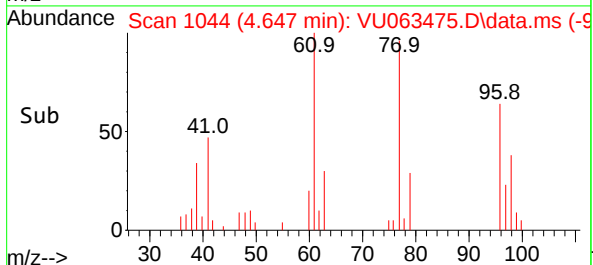
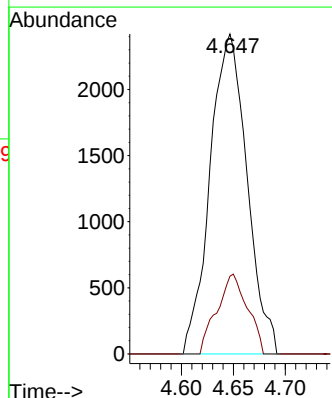
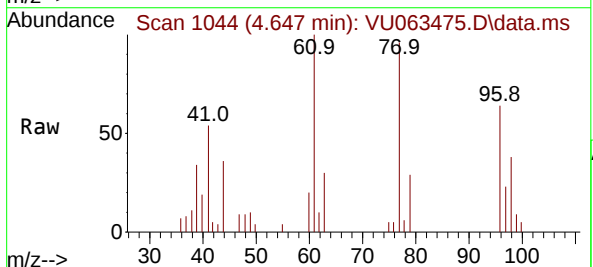
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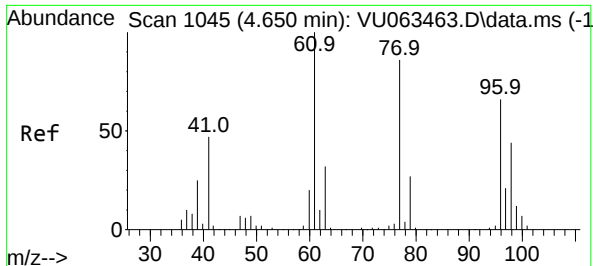
Tgt Ion: 77 Resp: 5977

Ion Ratio Lower Upper

77 100

97 20.6 11.8 35.3

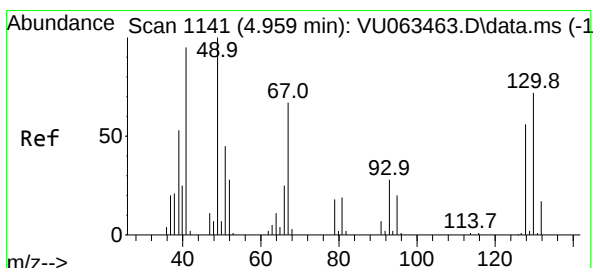
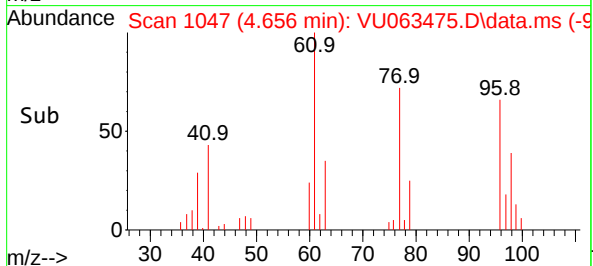
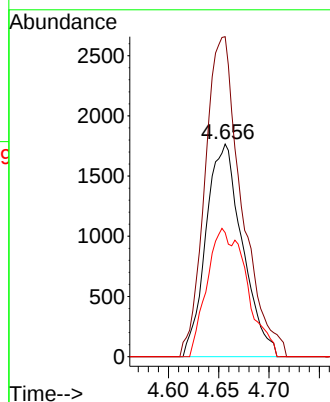
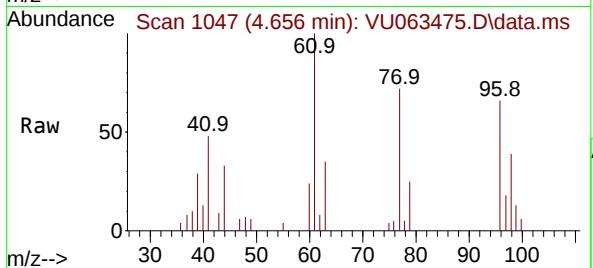




#27
 cis-1,2-Dichloroethene
 Concen: 2.873 ug/l
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.006 min
 Lab File: VU063475.D
 Acq: 10 Jul 2025 13:02

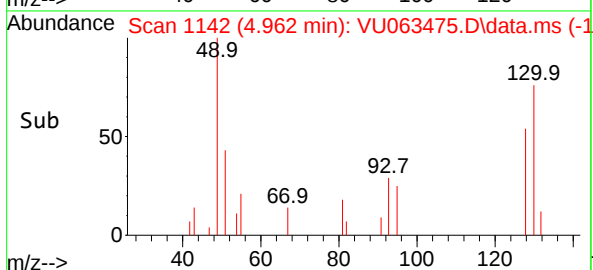
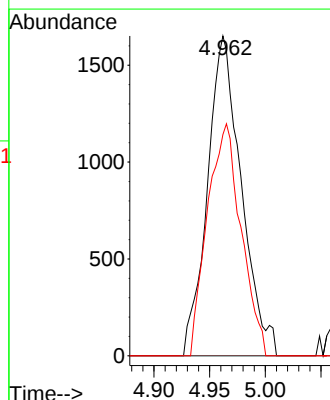
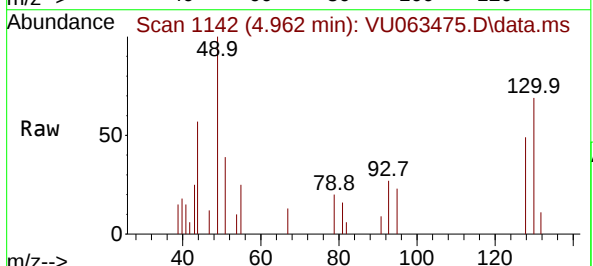
Instrument :
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 ClientSampleId :
 MDL01

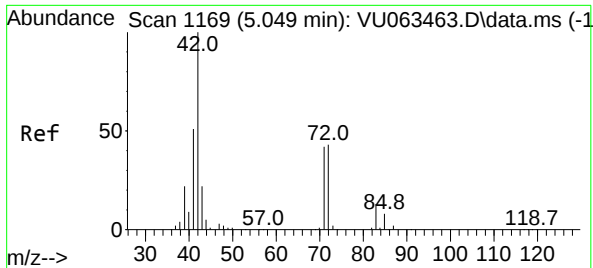
Tgt Ion: 96	Resp:	4440
Ion	Ratio	Lower Upper
96	100	
61	151.4	0.0 307.2
98	65.9	0.0 133.0



#28
 Bromochloromethane
 Concen: 2.965 ug/l
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.003 min
 Lab File: VU063475.D
 Acq: 10 Jul 2025 13:02

Tgt Ion: 49	Resp:	3492
Ion	Ratio	Lower Upper
49	100	
129	0.0	0.0 3.8
130	72.0	59.0 88.4

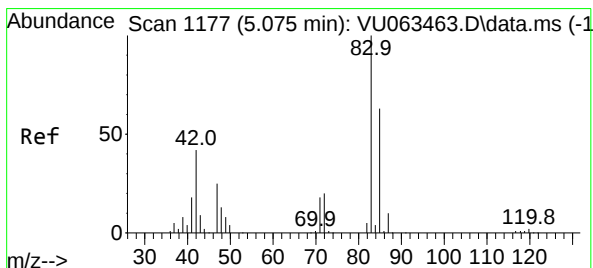
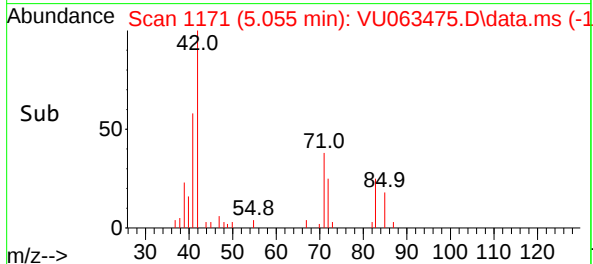
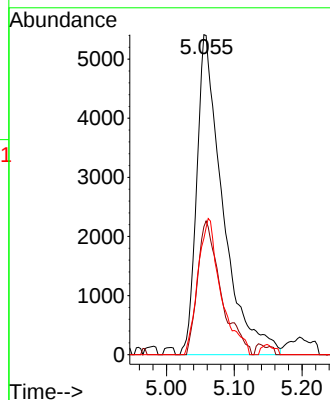
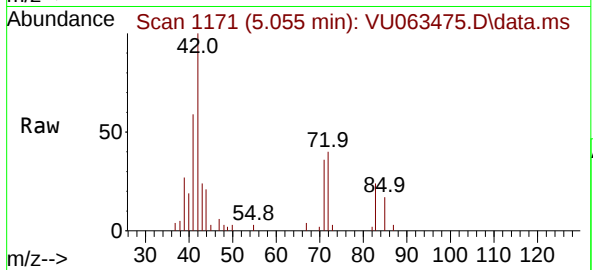




#29
Tetrahydrofuran
Concen: 16.639 ug/l
RT: 5.055 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

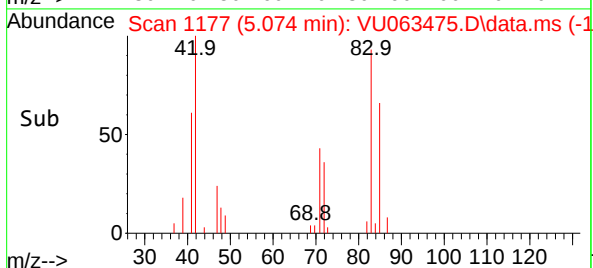
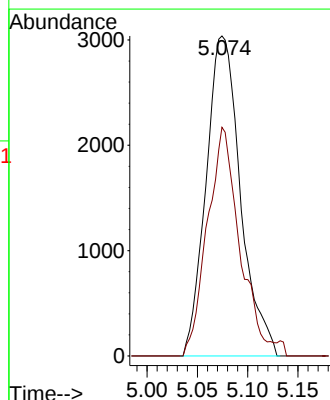
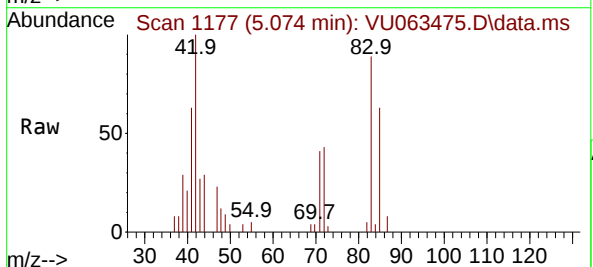
Instrument :
MSVOA_U
ClientSampleId :
MDL01

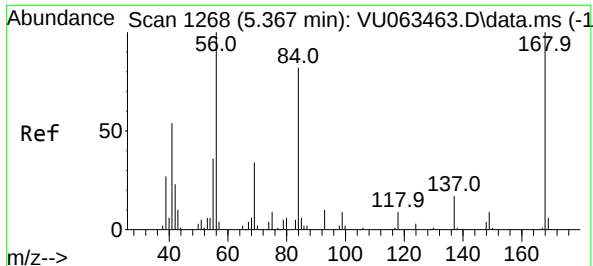
Tgt Ion:	42	Resp:	14407
Ion	Ratio	Lower	Upper
42	100		
72	37.6	36.2	54.4
71	37.7	33.3	49.9



#30
Chloroform
Concen: 2.734 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion:	83	Resp:	7236
Ion	Ratio	Lower	Upper
83	100		
85	71.5	50.7	76.1

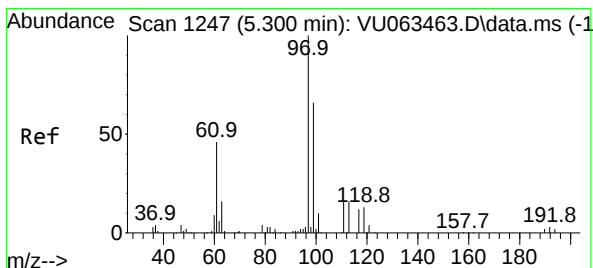
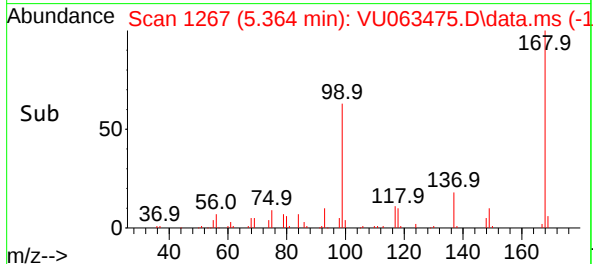
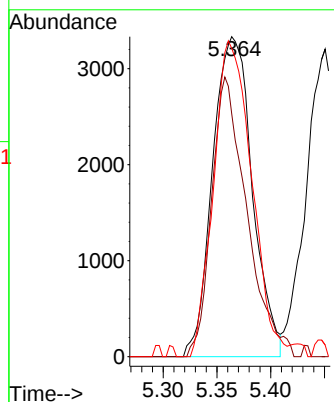
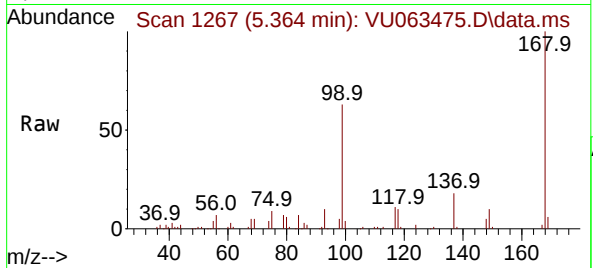




#31
Cyclohexane
Concen: 4.243 ug/l
RT: 5.364 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

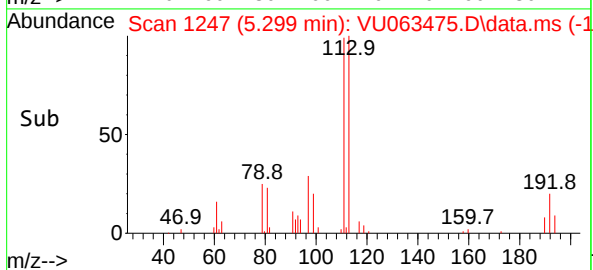
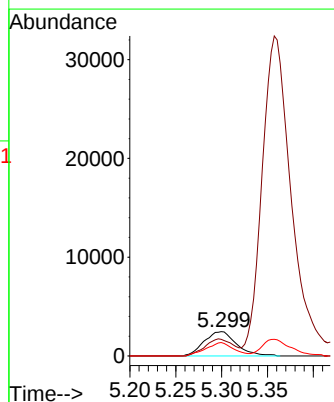
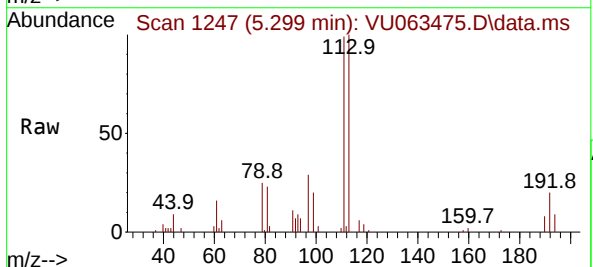
Instrument :
MSVOA_U
ClientSampleId :
MDL01

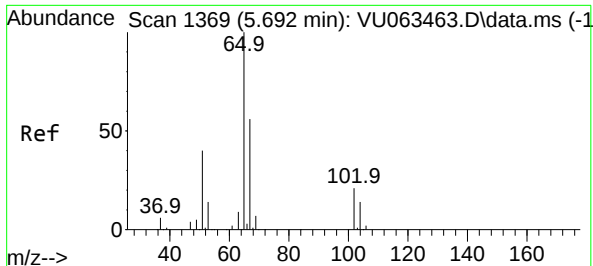
Tgt Ion: 56 Resp: 8552
Ion Ratio Lower Upper
56 100
69 75.9 27.0 40.4#
84 96.4 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 2.686 ug/l
RT: 5.299 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 97 Resp: 6054
Ion Ratio Lower Upper
97 100
99 59.6 50.4 75.6
61 47.0 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 53.428 ug/l

RT: 5.689 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

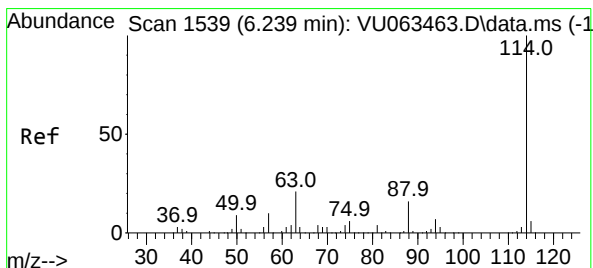
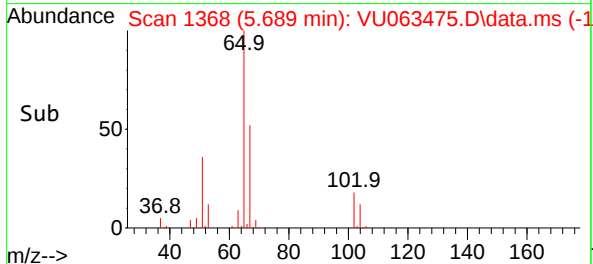
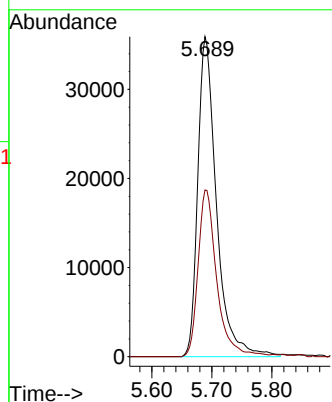
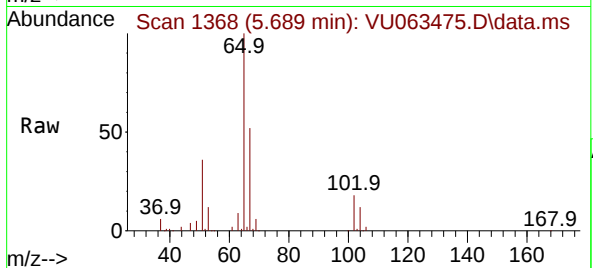
MDL01

Tgt Ion: 65 Resp: 77874

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

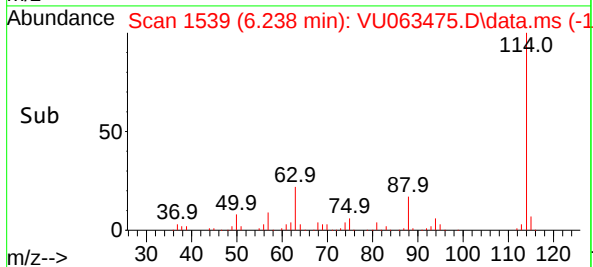
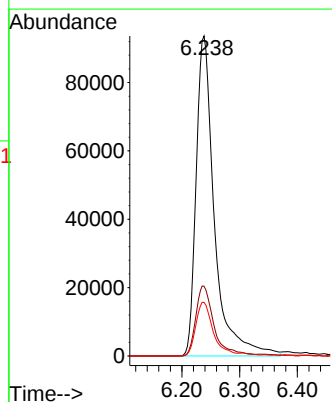
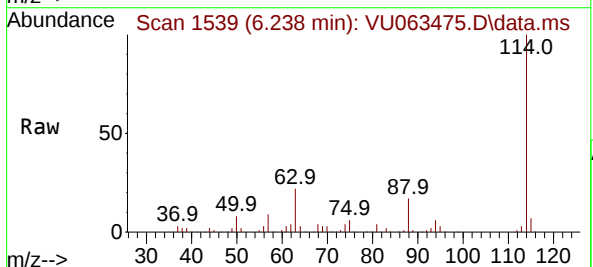
Tgt Ion:114 Resp: 205790

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.6

88 16.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.963 ug/l

RT: 5.274 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL01

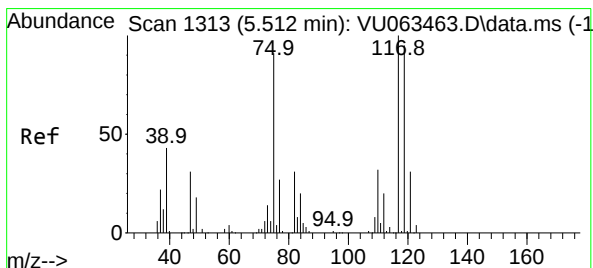
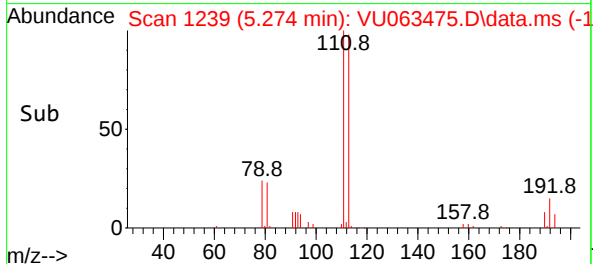
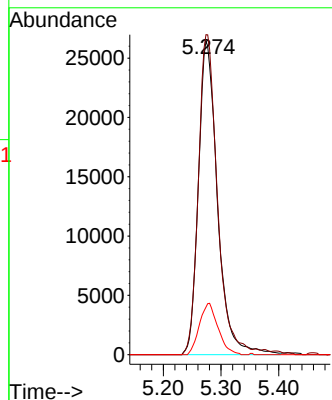
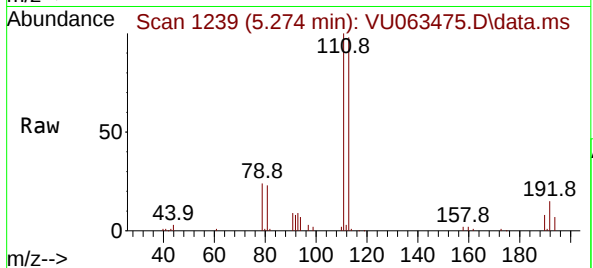
Tgt Ion:113 Resp: 60737

Ion Ratio Lower Upper

113 100

111 100.9 82.1 123.1

192 16.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 2.951 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

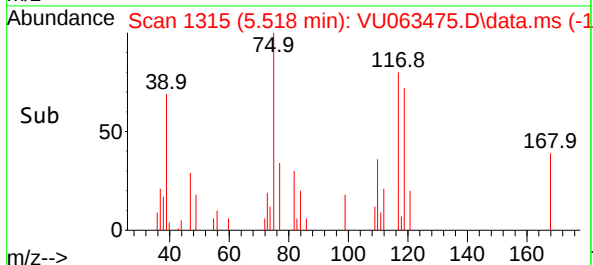
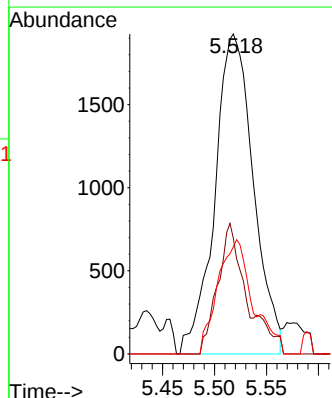
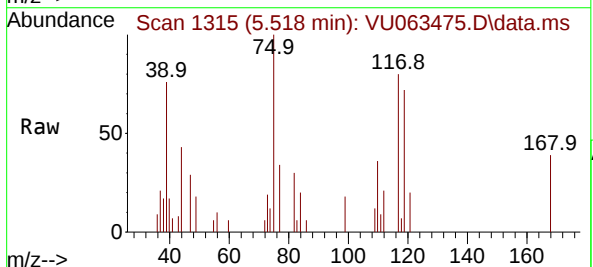
Tgt Ion: 75 Resp: 4974

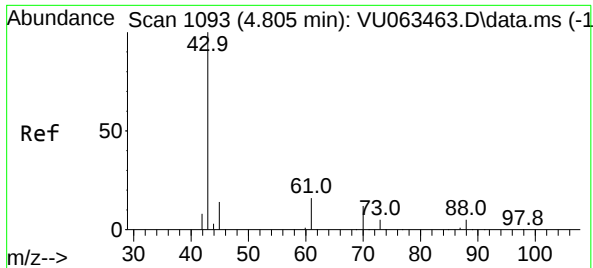
Ion Ratio Lower Upper

75 100

110 25.9 17.3 52.0

77 32.5 23.9 35.9

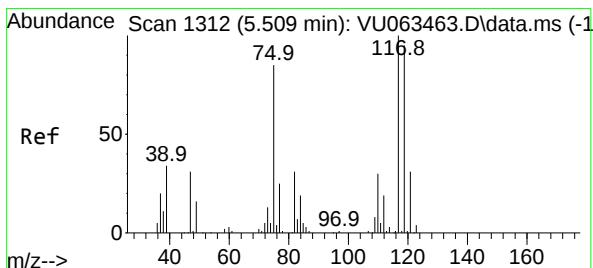
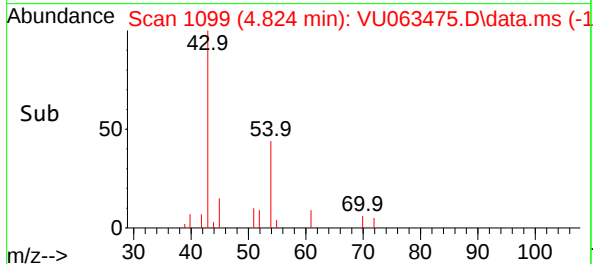
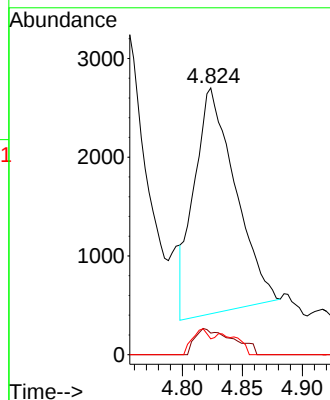
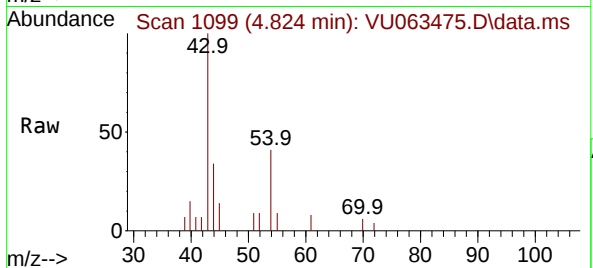




#37
Ethyl Acetate
Concen: 1.993 ug/l
RT: 4.824 min Scan# 1099
Delta R.T. 0.019 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

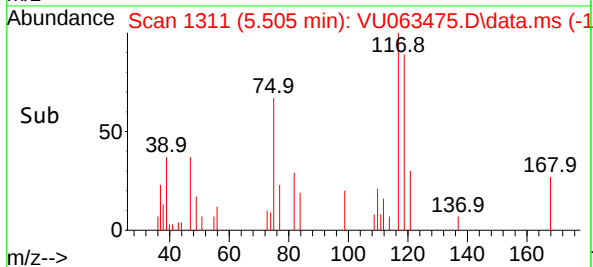
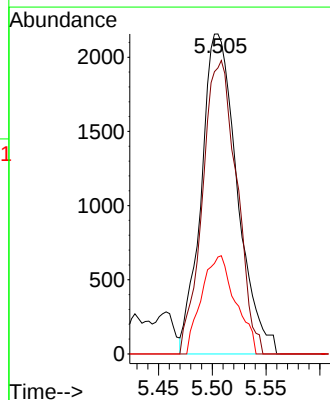
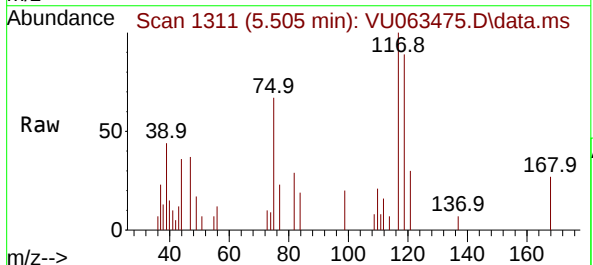
Instrument :
MSVOA_U
ClientSampleId :
MDL01

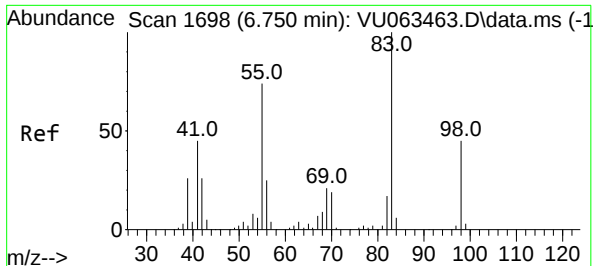
Tgt Ion: 43 Resp: 5439
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 4.8 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 2.701 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 117 Resp: 5016
Ion Ratio Lower Upper
117 100
119 89.4 76.1 114.1
121 30.3 25.0 37.4





#39

Methylcyclohexane

Concen: 2.851 ug/l

RT: 6.750 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL01

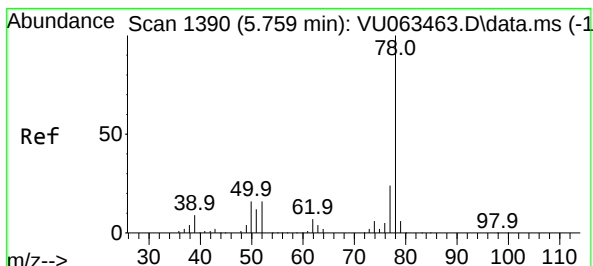
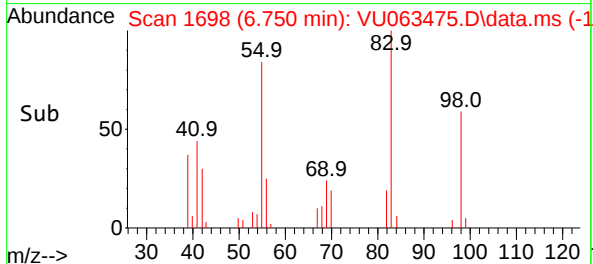
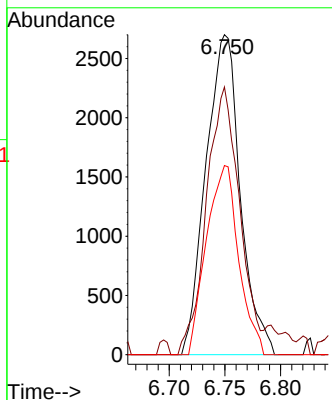
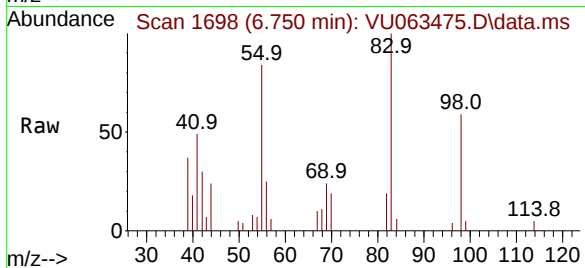
Tgt Ion: 83 Resp: 5807

Ion Ratio Lower Upper

83 100

55 83.7 59.4 89.2

98 59.1 36.2 54.4#



#40

Benzene

Concen: 2.633 ug/l

RT: 5.766 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VU063475.D

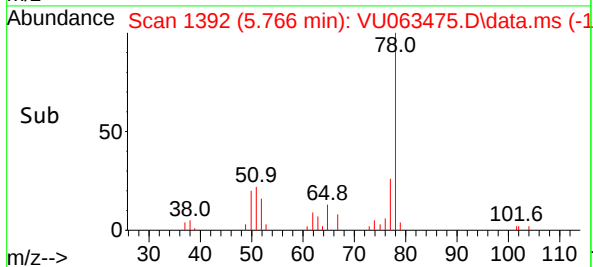
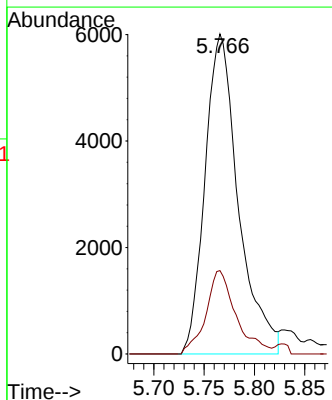
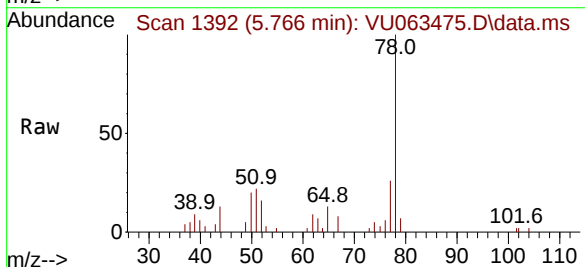
Acq: 10 Jul 2025 13:02

Tgt Ion: 78 Resp: 13861

Ion Ratio Lower Upper

78 100

77 26.0 19.0 28.4

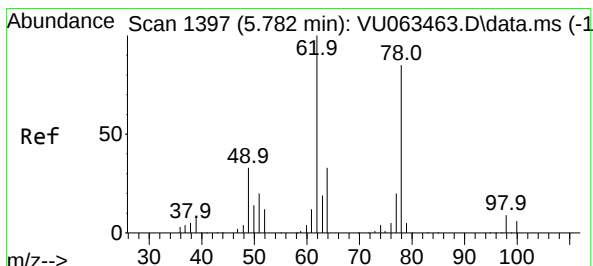
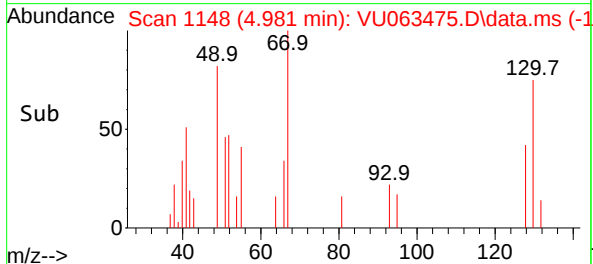
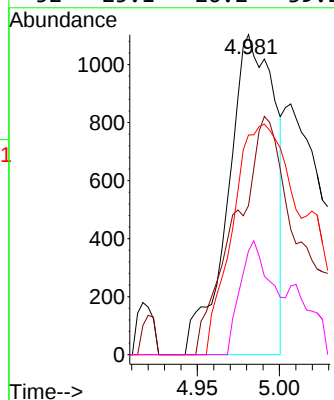
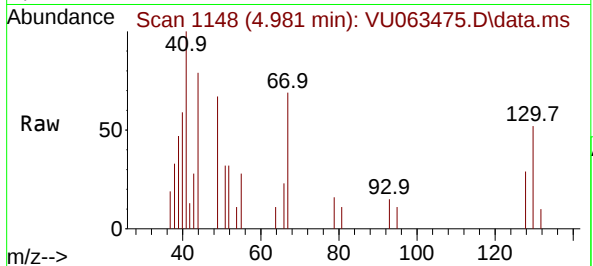




#41
Methacrylonitrile
Concen: 1.701 ug/l
RT: 4.981 min Scan# 1148
Delta R.T. 0.016 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

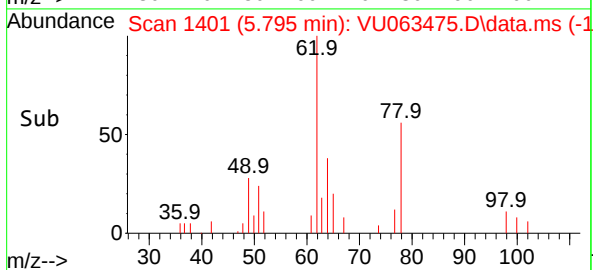
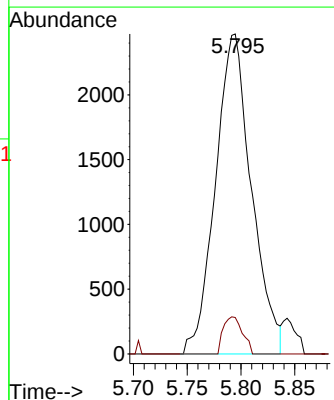
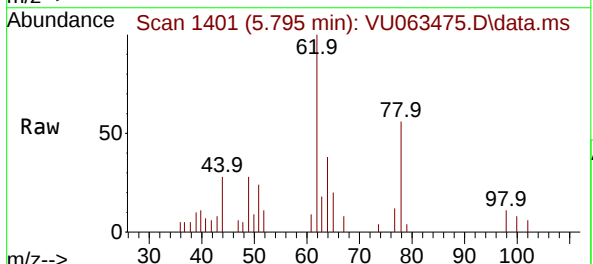
Instrument :
MSVOA_U
ClientSampleId :
MDL01

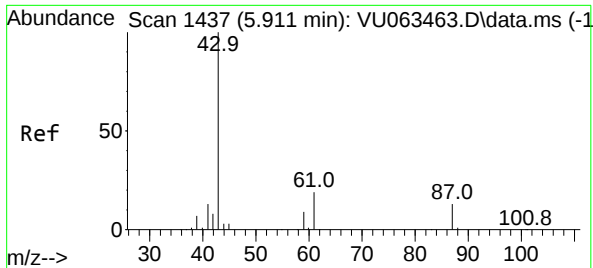
Tgt Ion: 41 Resp: 2191
Ion Ratio Lower Upper
41 100
39 97.7 43.6 65.4#
67 89.5 62.8 94.2
52 25.1 26.2 39.2#



#42
1,2-Dichloroethane
Concen: 2.906 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.013 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 62 Resp: 5751
Ion Ratio Lower Upper
62 100
98 6.2 0.0 17.6

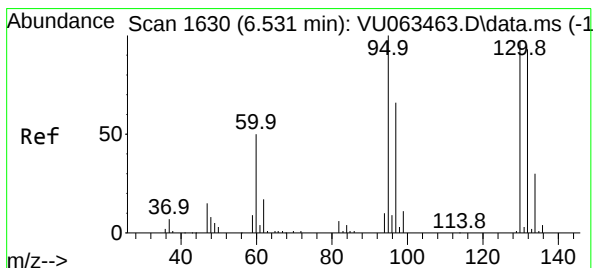
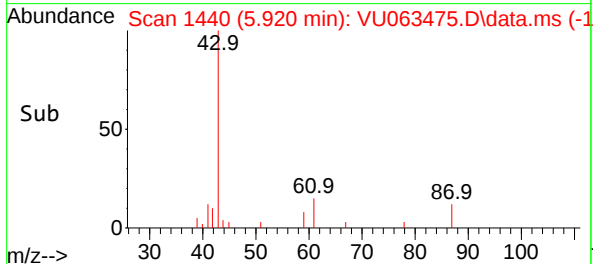
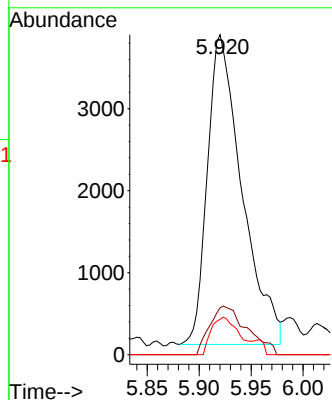
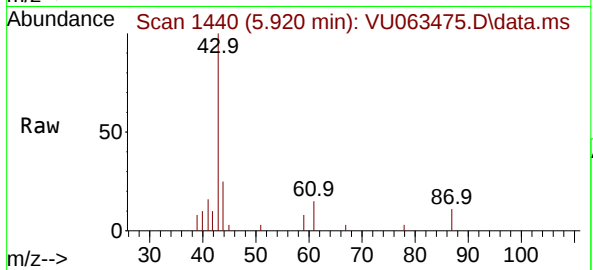




#43
Isopropyl Acetate
Concen: 2.403 ug/l
RT: 5.920 min Scan# 1437
Delta R.T. 0.009 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

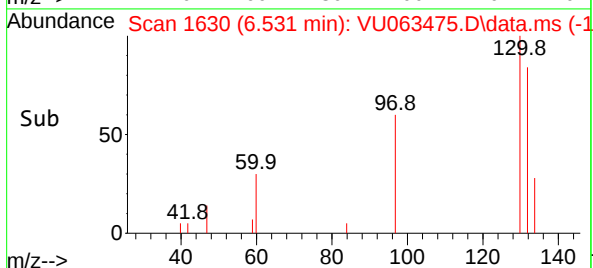
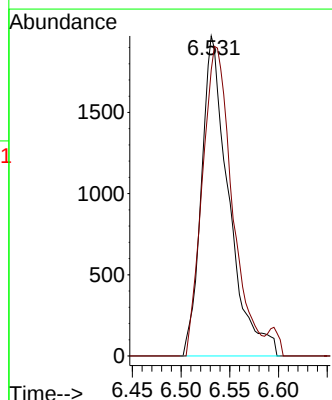
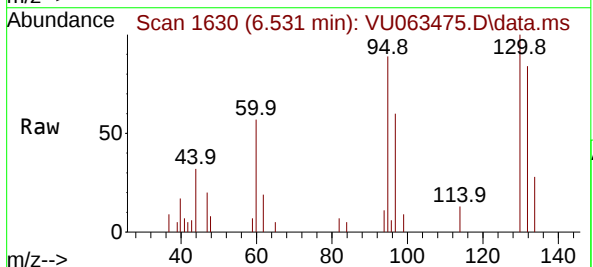
Instrument :
MSVOA_U
ClientSampleId :
MDL01

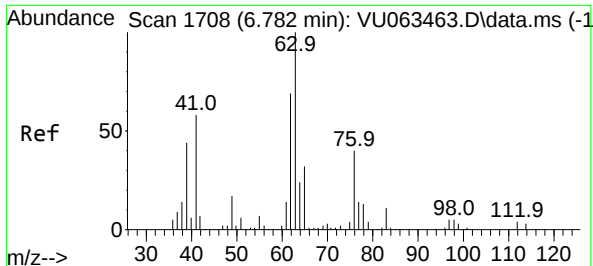
Tgt Ion: 43 Resp: 8713
Ion Ratio Lower Upper
43 100
61 17.0 15.4 23.2
87 9.6 10.5 15.7#



#44
Trichloroethene
Concen: 2.728 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion:130 Resp: 3843
Ion Ratio Lower Upper
130 100
95 89.4 0.0 206.4





#45

1,2-Dichloropropane

Concen: 2.649 ug/l

RT: 6.788 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

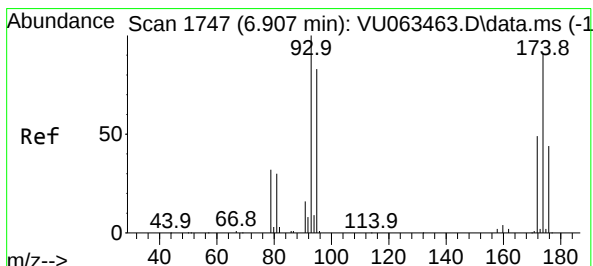
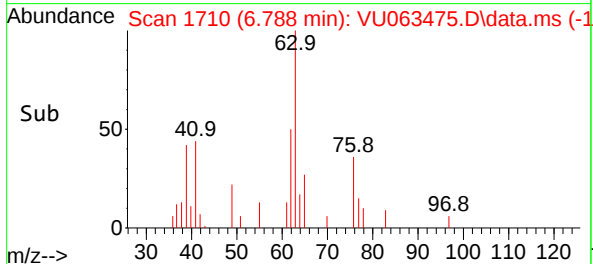
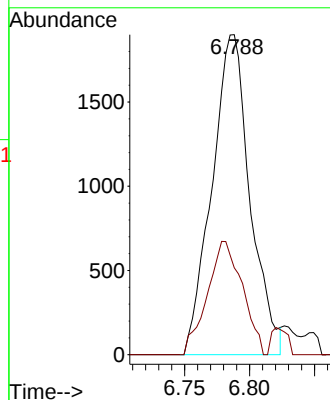
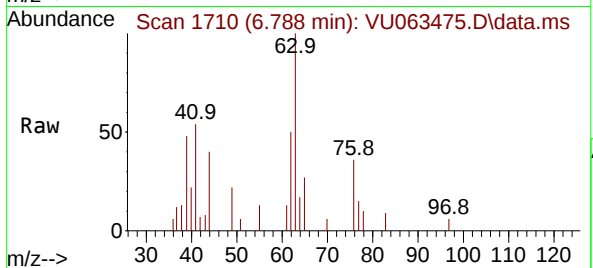
MDL01

Tgt Ion: 63 Resp: 3876

Ion Ratio Lower Upper

63 100

65 27.2 25.3 37.9



#46

Dibromomethane

Concen: 2.852 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

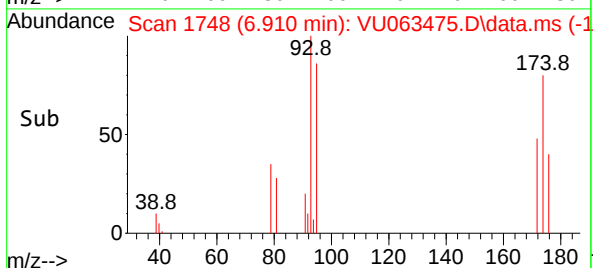
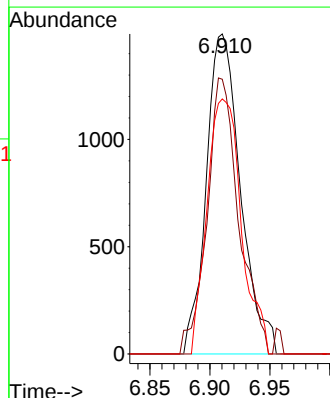
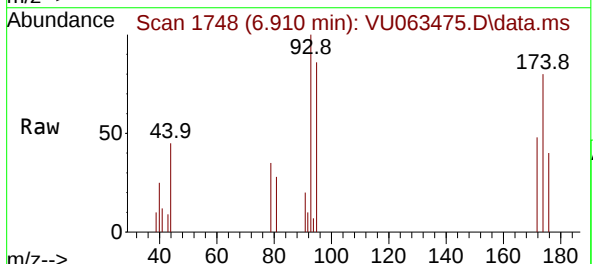
Tgt Ion: 93 Resp: 2969

Ion Ratio Lower Upper

93 100

95 80.1 67.5 101.3

174 79.9 73.1 109.7

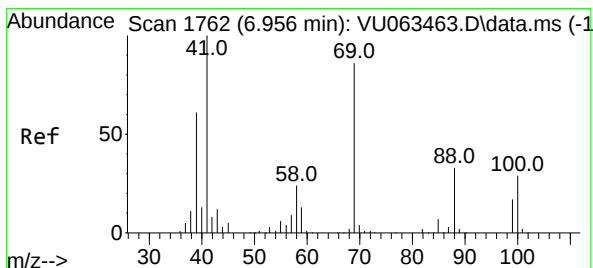
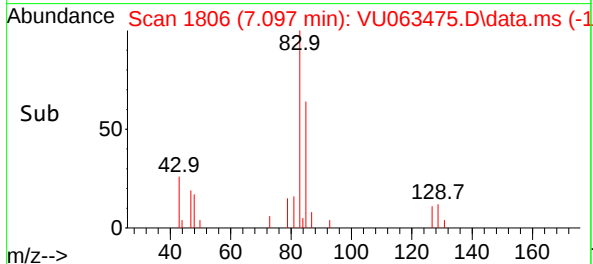
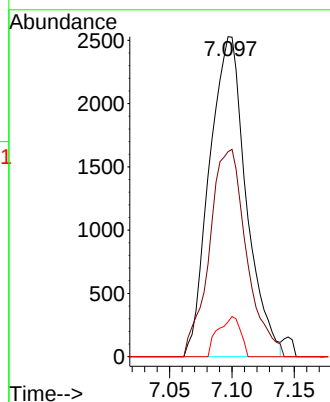
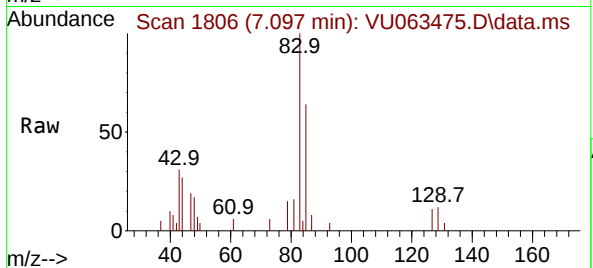




#47
Bromodichloromethane
Concen: 2.393 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

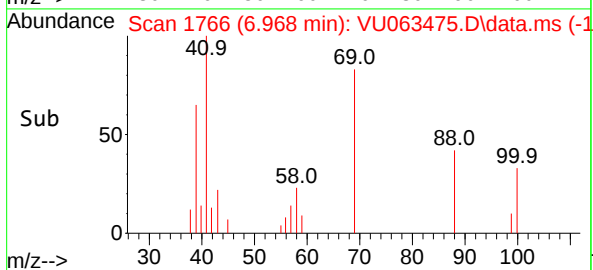
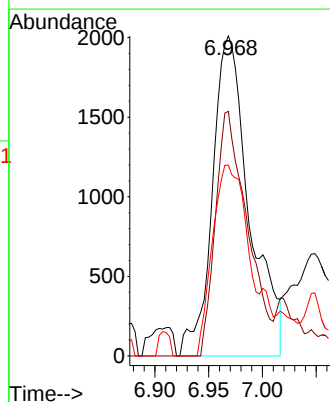
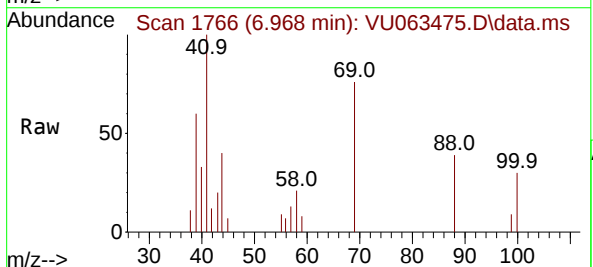
Instrument :
MSVOA_U
ClientSampleId :
MDL01

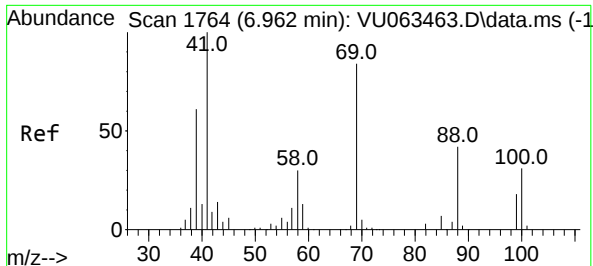
Tgt Ion: 83 Resp: 5180
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.0
127 10.9 7.0 10.4#



#48
Methyl methacrylate
Concen: 2.870 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.013 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 41 Resp: 4810
Ion Ratio Lower Upper
41 100
69 66.3 69.8 104.8#
39 62.8 48.3 72.5





#49

1,4-Dioxane

Concen: 52.864 ug/l

RT: 6.975 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL01

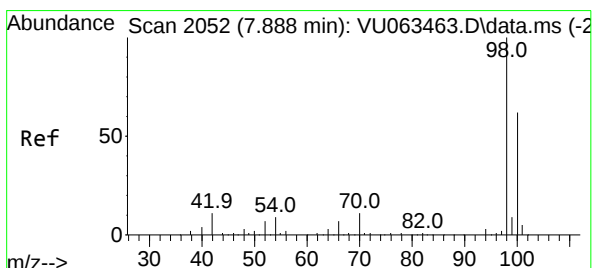
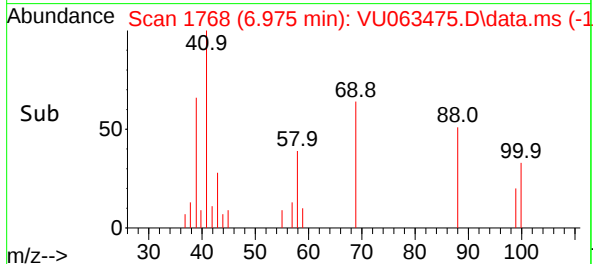
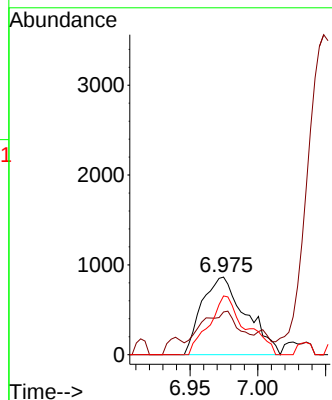
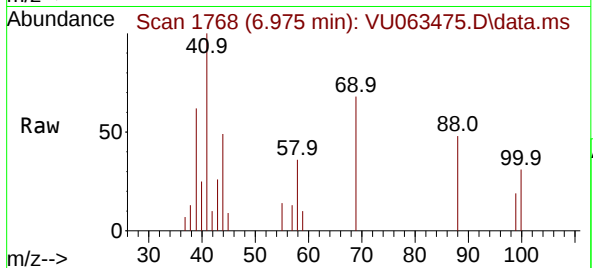
Tgt Ion: 88 Resp: 1944

Ion Ratio Lower Upper

88 100

43 37.3 25.6 38.4

58 62.7 55.0 82.6



#50

Toluene-d8

Concen: 46.964 ug/l

RT: 7.885 min Scan# 2051

Delta R.T. -0.003 min

Lab File: VU063475.D

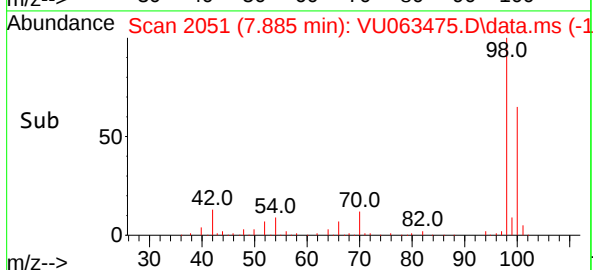
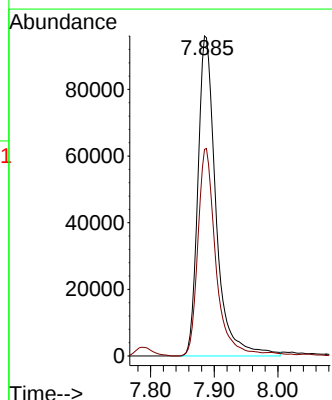
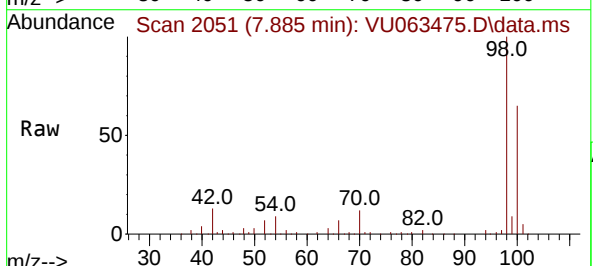
Acq: 10 Jul 2025 13:02

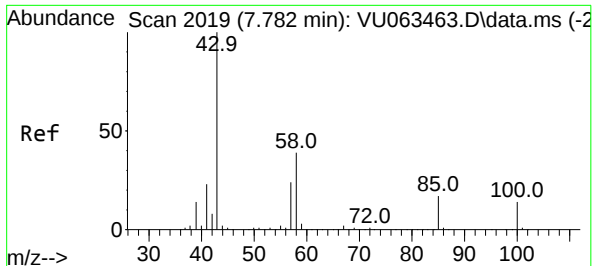
Tgt Ion: 98 Resp: 189901

Ion Ratio Lower Upper

98 100

100 63.9 48.1 72.1

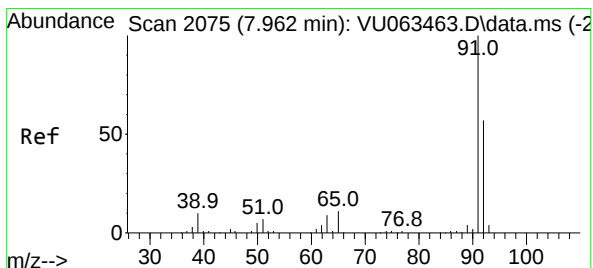
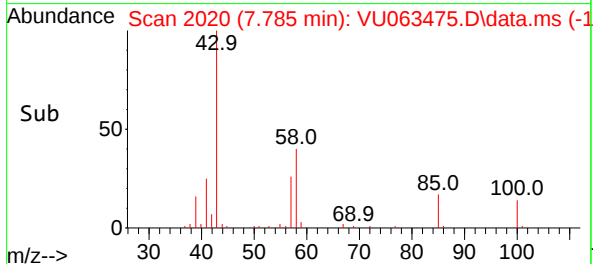
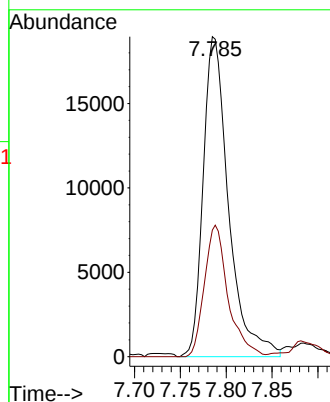
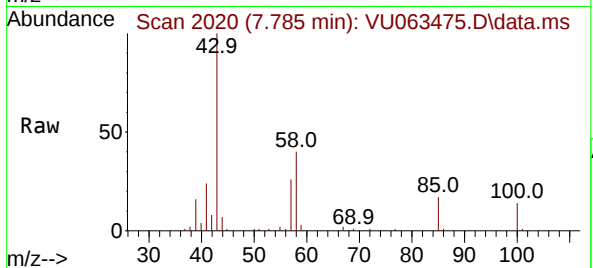




#51
4-Methyl-2-Pentanone
Concen: 13.930 ug/l
RT: 7.785 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

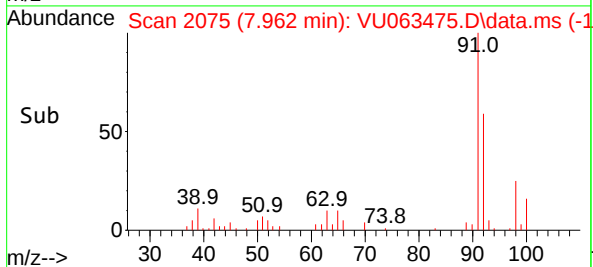
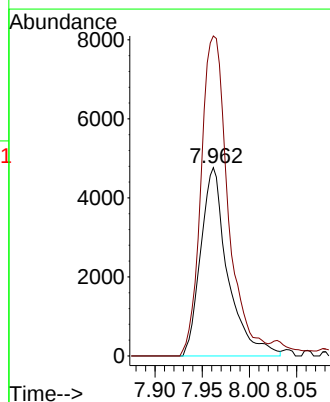
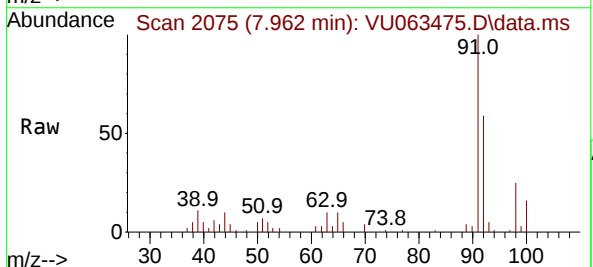
Instrument :
MSVOA_U
ClientSampleId :
MDL01

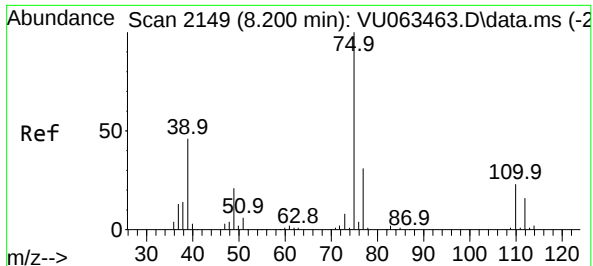
Tgt Ion: 43 Resp: 36556
Ion Ratio Lower Upper
43 100
58 38.3 31.0 46.4



#52
Toluene
Concen: 2.752 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 92 Resp: 9476
Ion Ratio Lower Upper
92 100
91 170.8 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 2.342 ug/l

RT: 8.209 min Scan# 2149

Delta R.T. 0.009 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

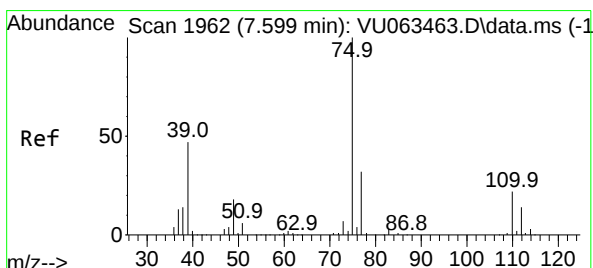
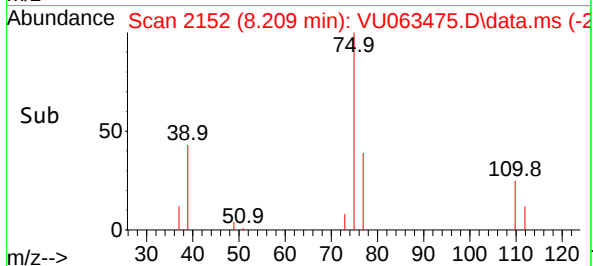
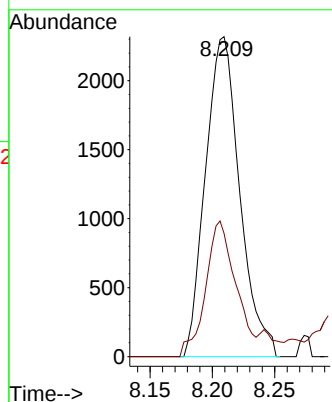
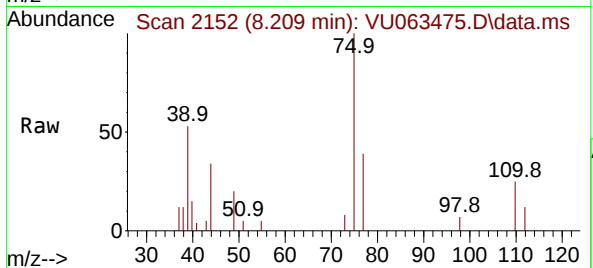
MDL01

Tgt Ion: 75 Resp: 4436

Ion Ratio Lower Upper

75 100

77 38.6 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 2.450 ug/l

RT: 7.602 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

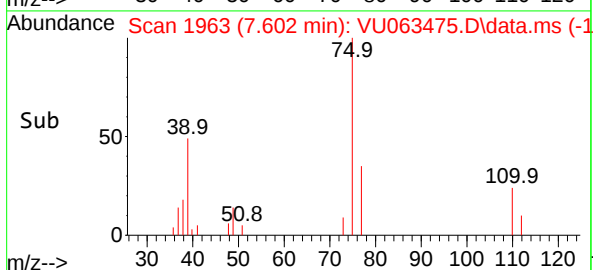
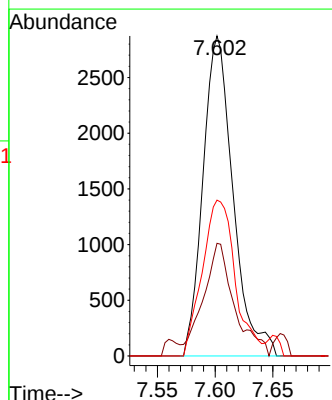
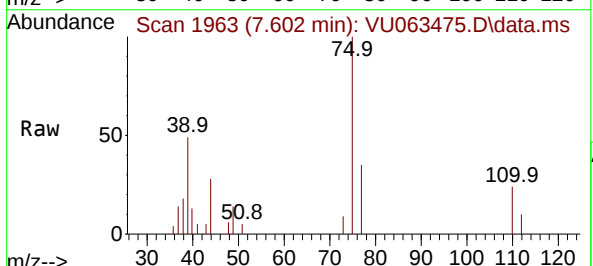
Tgt Ion: 75 Resp: 5196

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 48.7 37.2 55.8

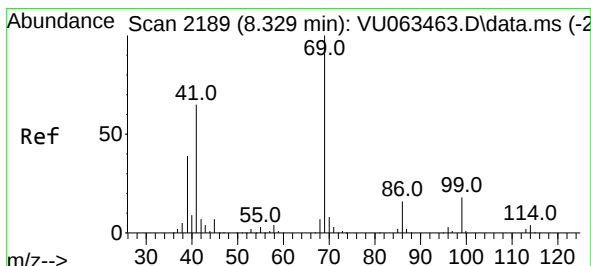
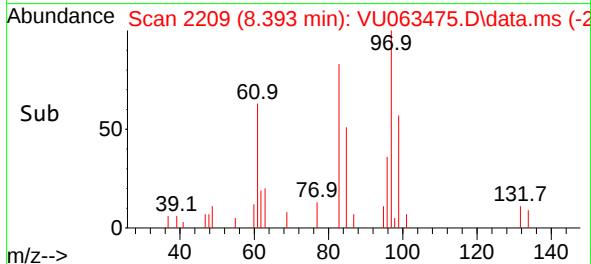
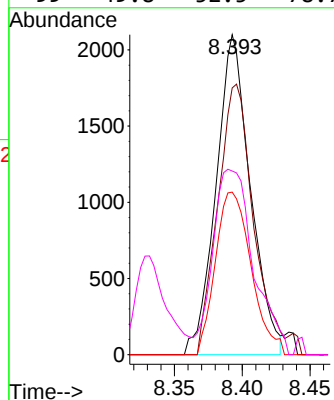
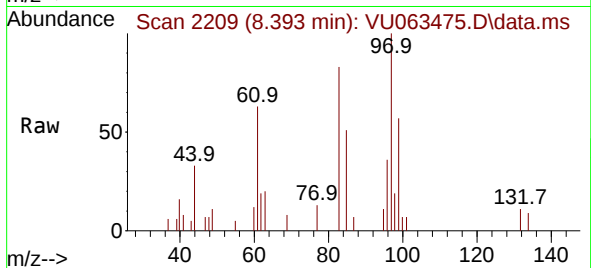




#55
 1,1,2-Trichloroethane
 Concen: 2.530 ug/l
 RT: 8.393 min Scan# 2189
 Delta R.T. 0.003 min
 Lab File: VU063475.D
 Acq: 10 Jul 2025 13:02

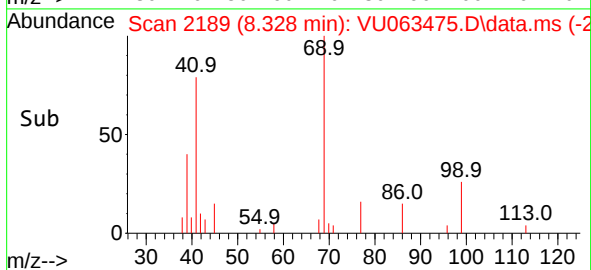
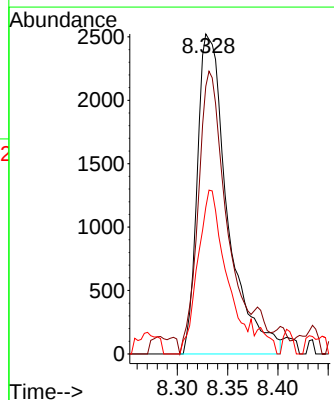
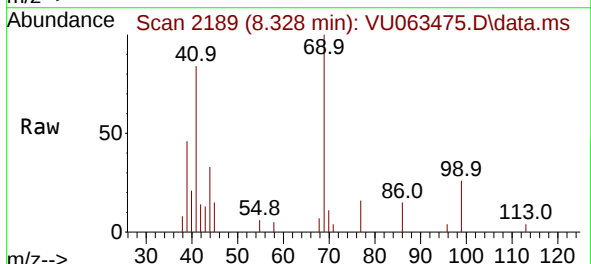
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

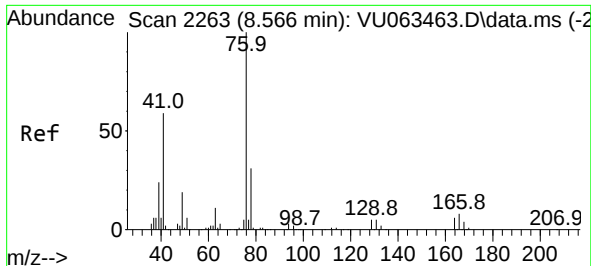
Tgt Ion: 97	Resp:	3700
Ion	Ratio	Lower Upper
97	100	
83	83.3	74.2 111.4
85	50.8	45.8 68.8
99	49.8	52.5 78.7#



#56
 Ethyl methacrylate
 Concen: 2.234 ug/l
 RT: 8.328 min Scan# 2189
 Delta R.T. -0.000 min
 Lab File: VU063475.D
 Acq: 10 Jul 2025 13:02

Tgt Ion: 69	Resp:	5270
Ion	Ratio	Lower Upper
69	100	
41	82.2	53.0 79.6#
39	47.5	31.0 46.4#

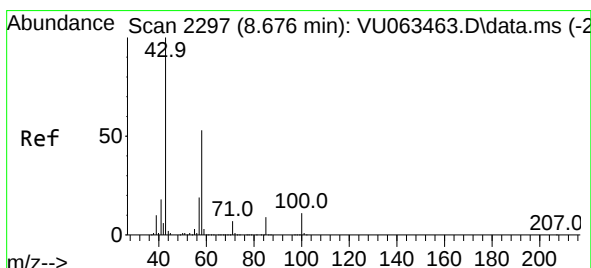
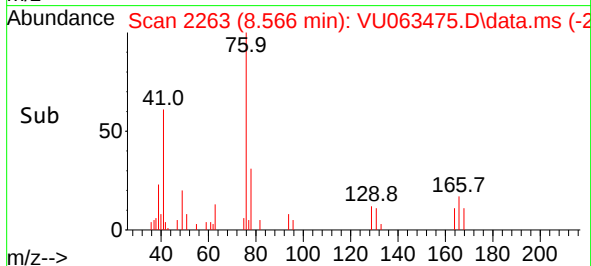
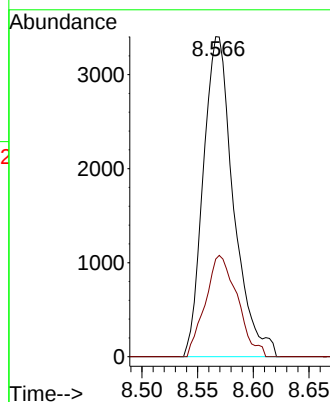
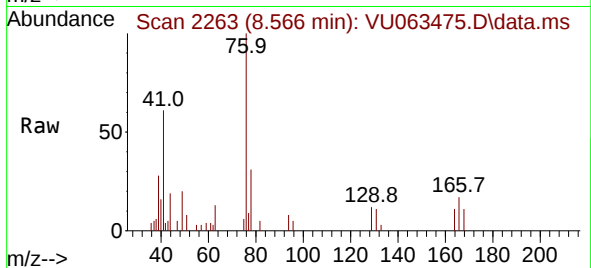




#57
1,3-Dichloropropane
Concen: 2.666 ug/l
RT: 8.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

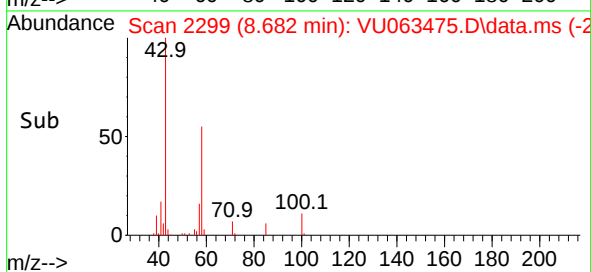
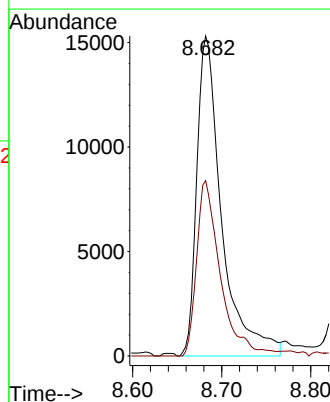
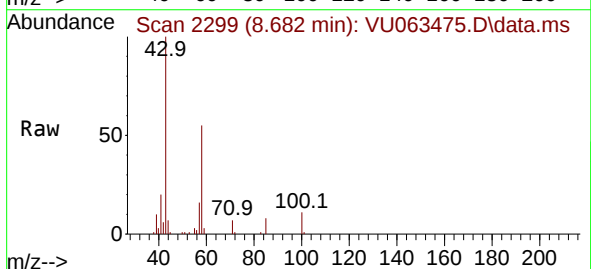
Instrument :
MSVOA_U
ClientSampleId :
MDL01

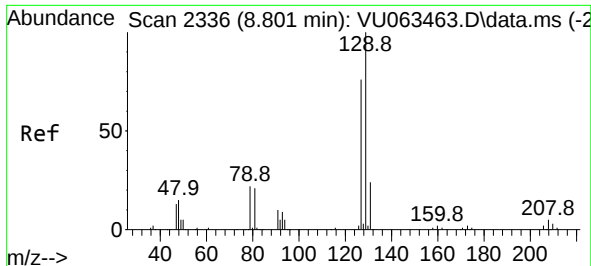
Tgt Ion: 76 Resp: 6425
Ion Ratio Lower Upper
76 100
78 33.6 25.6 38.4



#59
2-Hexanone
Concen: 14.969 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 43 Resp: 29712
Ion Ratio Lower Upper
43 100
58 52.4 26.9 80.7

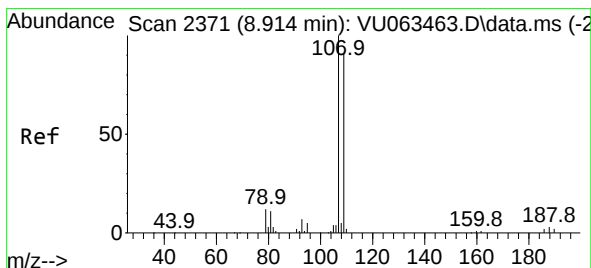
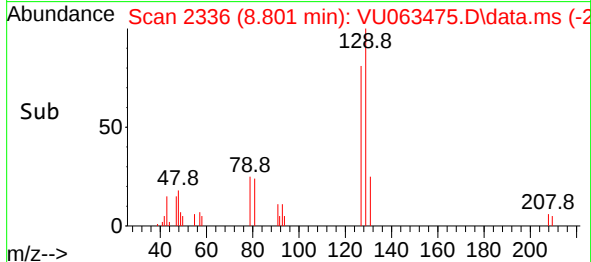
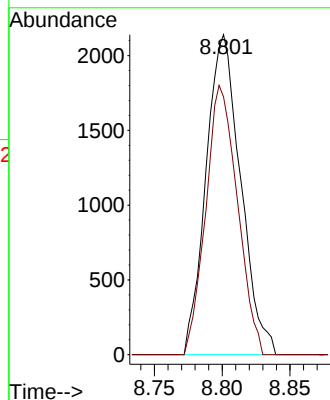
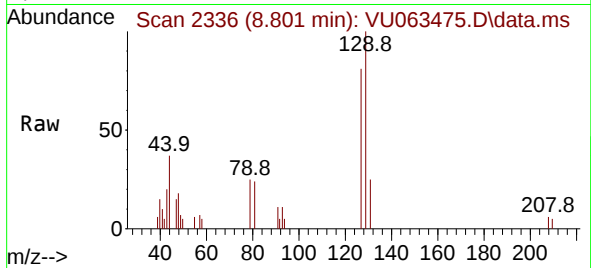




#60
Dibromochloromethane
Concen: 2.317 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

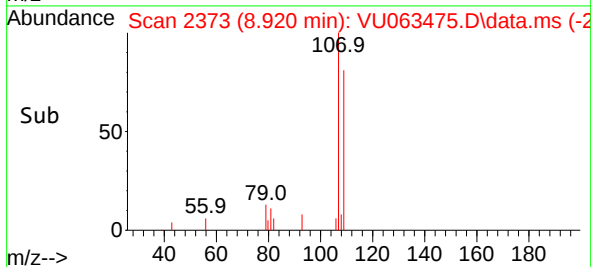
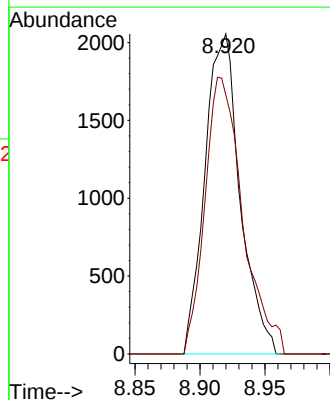
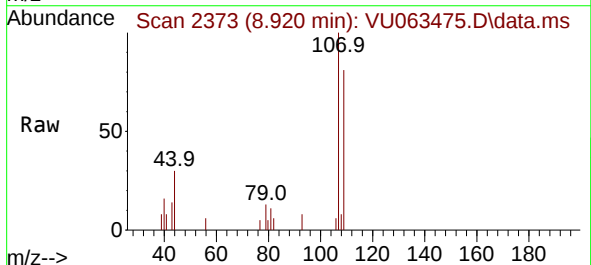
Instrument :
MSVOA_U
ClientSampleId :
MDL01

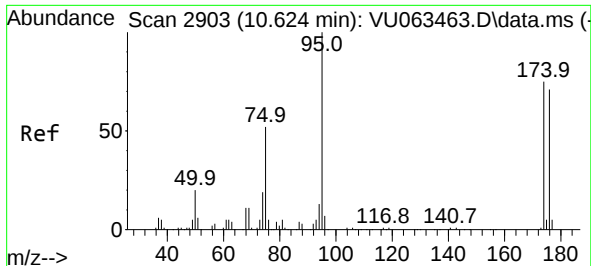
Tgt Ion:129 Resp: 3796
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2



#61
1,2-Dibromoethane
Concen: 2.696 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.006 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion:107 Resp: 3869
Ion Ratio Lower Upper
107 100
109 92.8 73.7 110.5

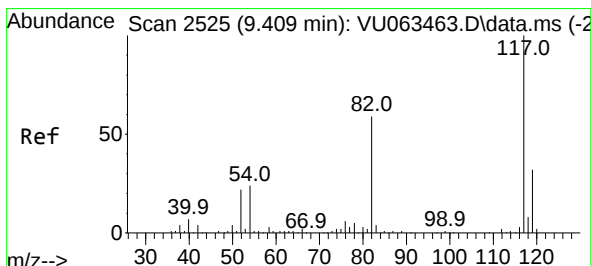
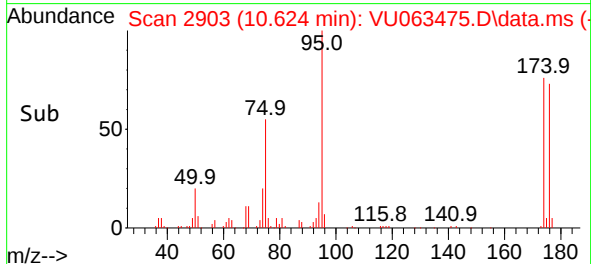
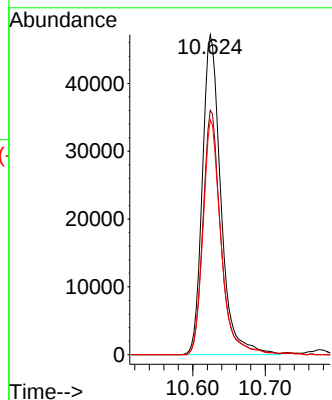
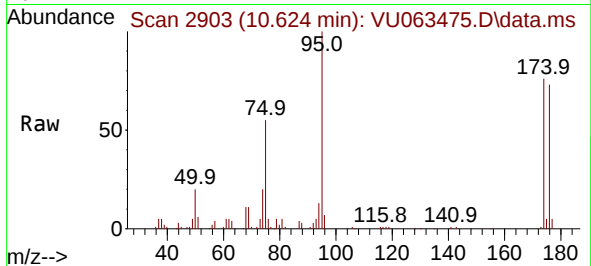




#62
4-Bromofluorobenzene
Concen: 47.337 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

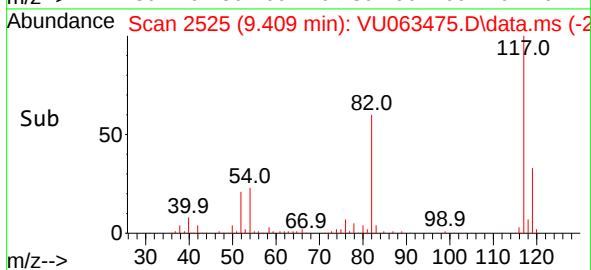
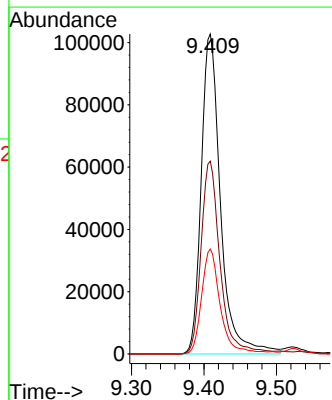
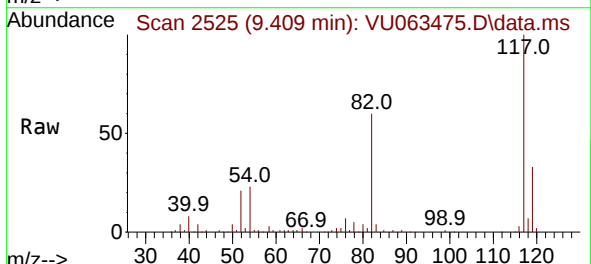
Instrument :
MSVOA_U
ClientSampleId :
MDL01

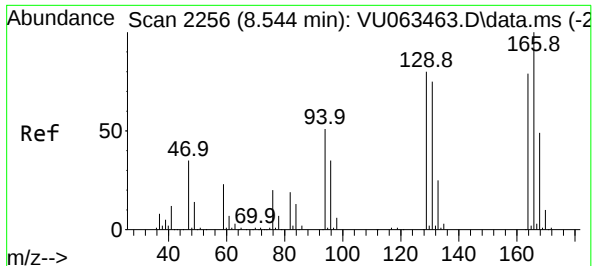
Tgt Ion: 95 Resp: 83724
Ion Ratio Lower Upper
95 100
174 73.9 0.0 153.6
176 71.3 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 2525
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 117 Resp: 190349
Ion Ratio Lower Upper
117 100
82 60.3 47.1 70.7
119 32.8 25.4 38.0

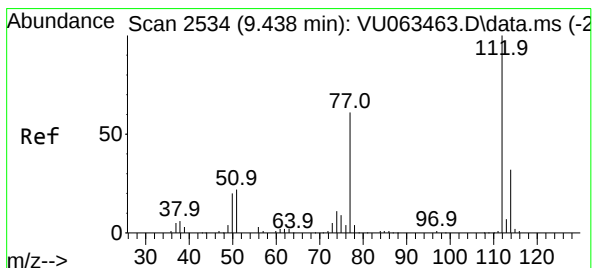
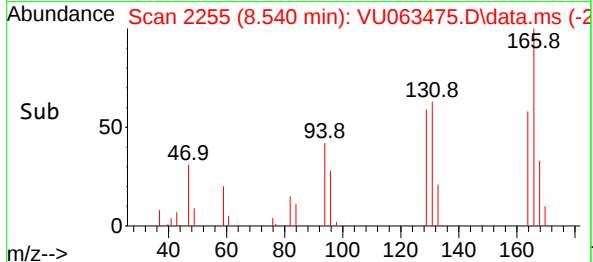
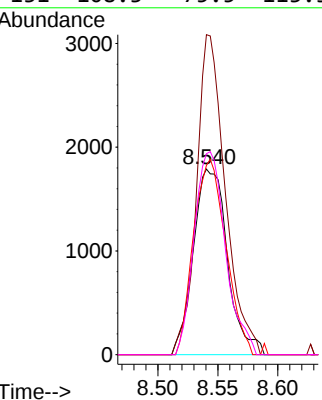
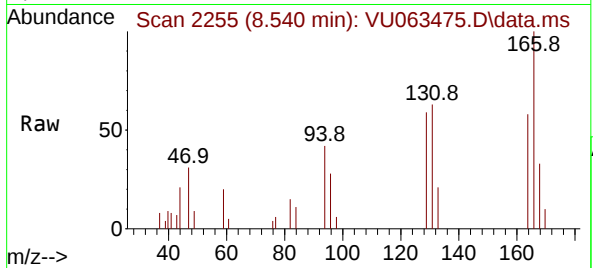




#64
Tetrachloroethene
Concen: 2.499 ug/l
RT: 8.540 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

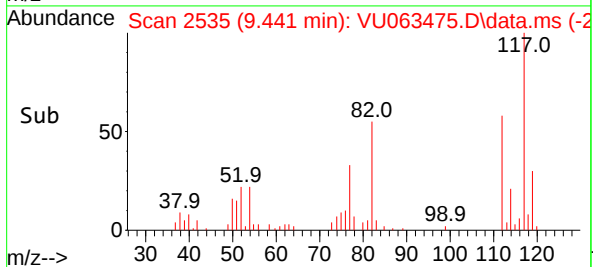
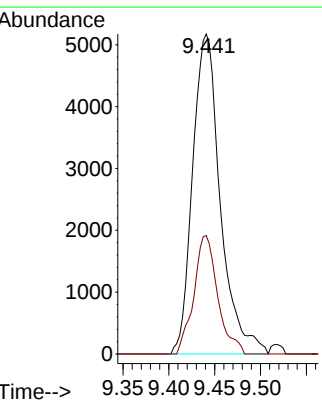
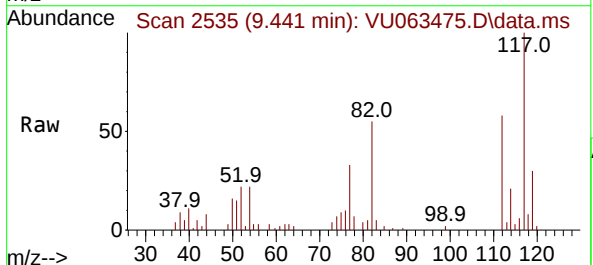
Instrument :
MSVOA_U
ClientSampleId :
MDL01

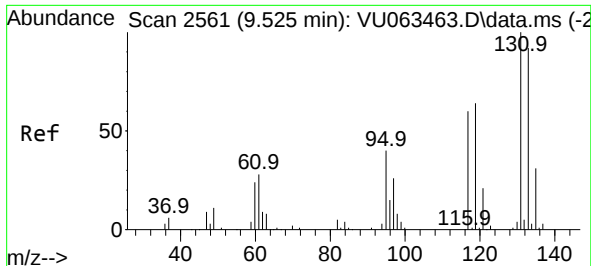
Tgt Ion:164 Resp: 3541
Ion Ratio Lower Upper
164 100
166 172.4 100.9 151.3#
129 102.0 80.9 121.3
131 108.3 75.5 113.3



#65
Chlorobenzene
Concen: 2.743 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion:112 Resp: 10863
Ion Ratio Lower Upper
112 100
114 37.0 25.5 38.3

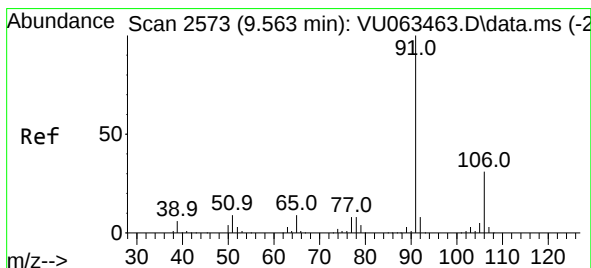
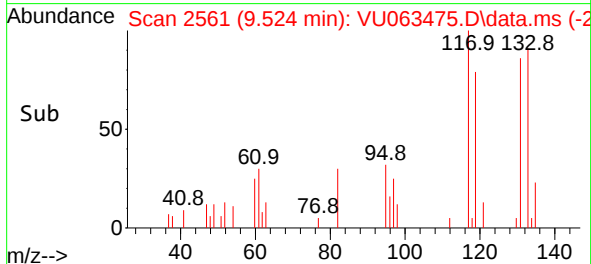
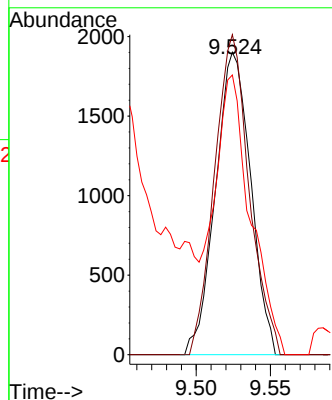
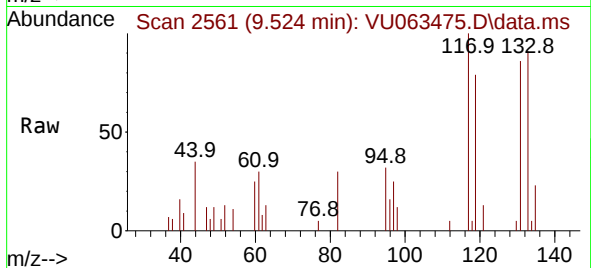




#66
1,1,1,2-Tetrachloroethane
Concen: 2.307 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

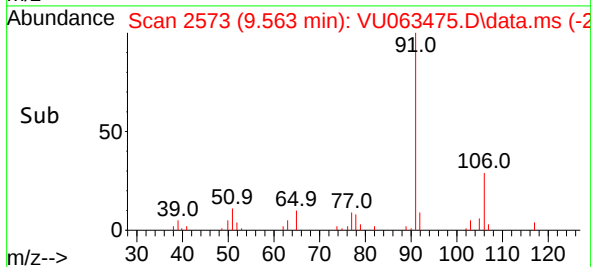
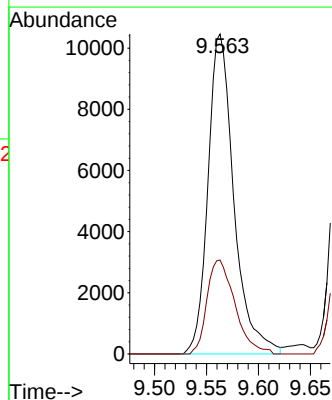
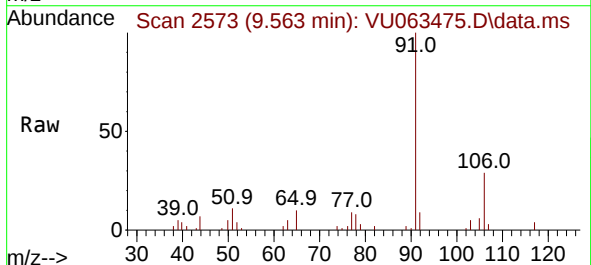
Instrument :
MSVOA_U
ClientSampleId :
MDL01

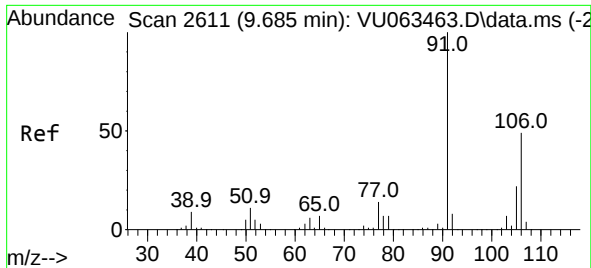
Tgt Ion:131 Resp: 3133
Ion Ratio Lower Upper
131 100
133 104.5 46.4 139.2
119 95.8 33.3 99.9



#67
Ethyl Benzene
Concen: 2.664 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 91 Resp: 18135
Ion Ratio Lower Upper
91 100
106 29.4 24.5 36.7

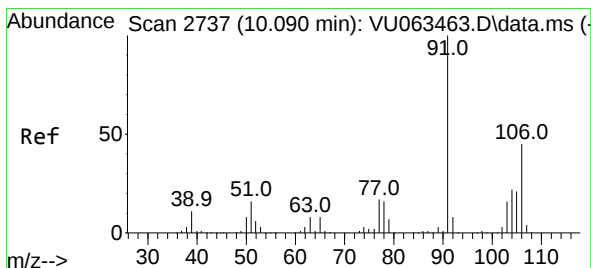
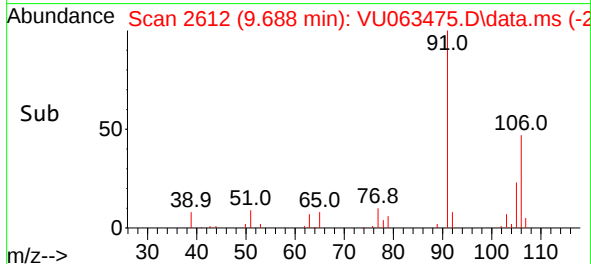
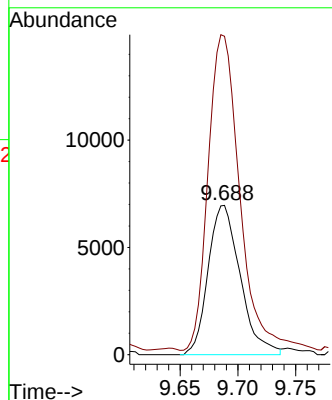
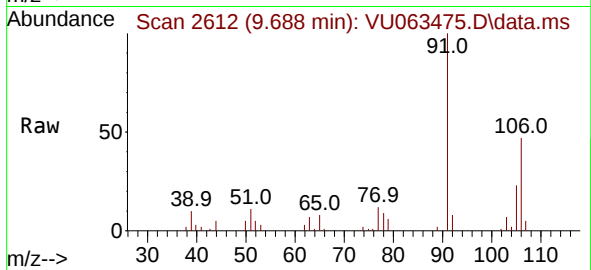




#68
m/p-Xylenes
Concen: 5.183 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

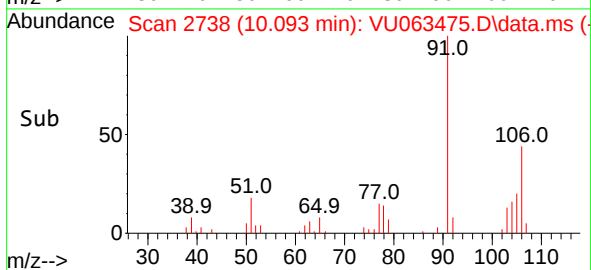
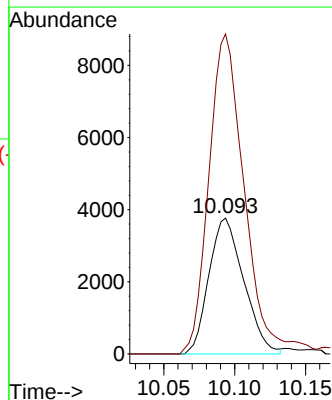
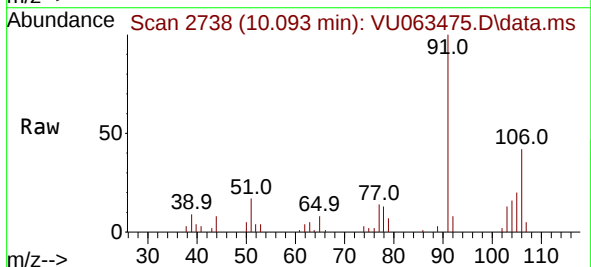
Instrument :
MSVOA_U
ClientSampleId :
MDL01

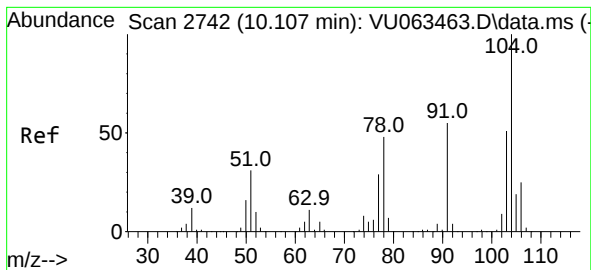
Tgt Ion:106 Resp: 13464
Ion Ratio Lower Upper
106 100
91 208.7 163.6 245.4



#69
o-Xylene
Concen: 2.442 ug/l
RT: 10.093 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion:106 Resp: 6449
Ion Ratio Lower Upper
106 100
91 239.7 110.7 331.9





#70

Styrene

Concen: 2.515 ug/l

RT: 10.113 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL01

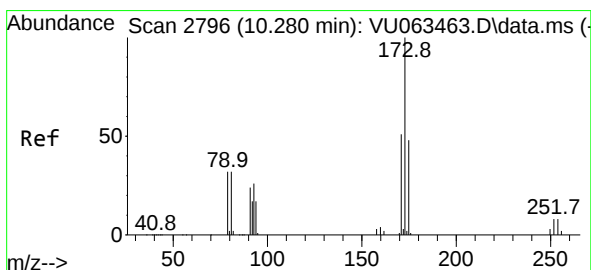
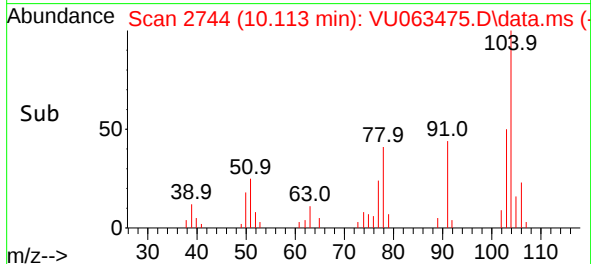
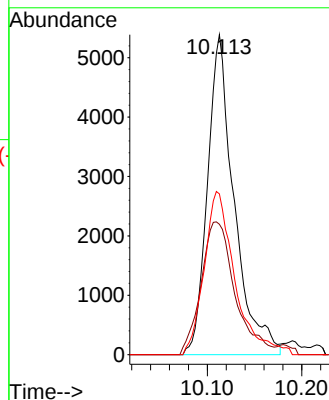
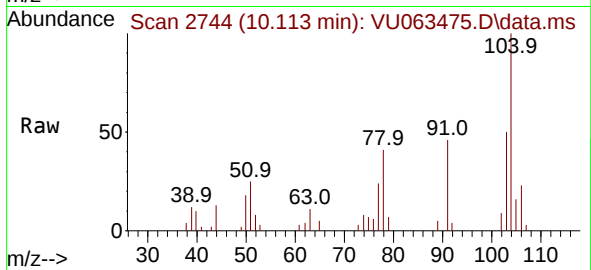
Tgt Ion:104 Resp: 10562

Ion Ratio Lower Upper

104 100

78 52.7 41.4 62.0

103 58.8 44.3 66.5



#71

Bromoform

Concen: 2.272 ug/l

RT: 10.283 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

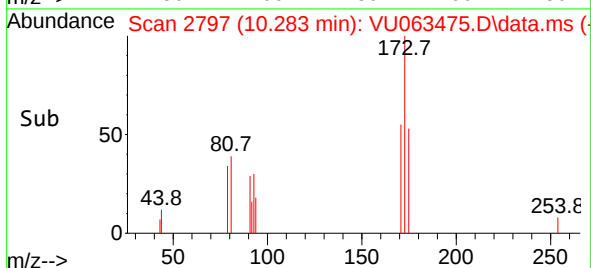
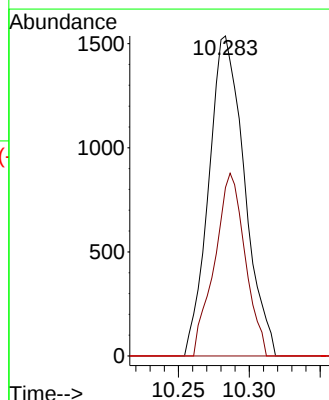
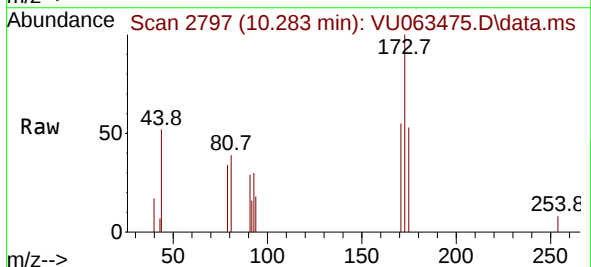
Tgt Ion:173 Resp: 2689

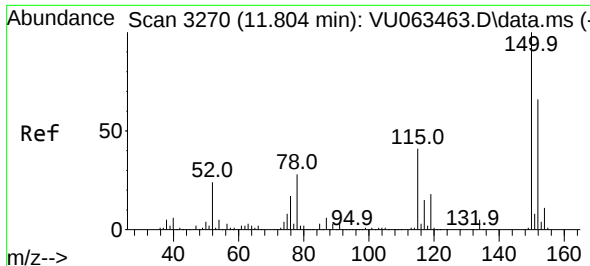
Ion Ratio Lower Upper

173 100

175 48.8 24.0 72.0

254 0.0 0.0 0.0

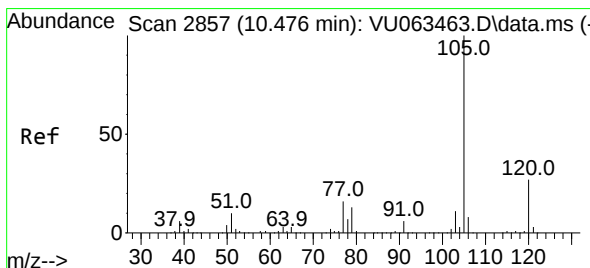
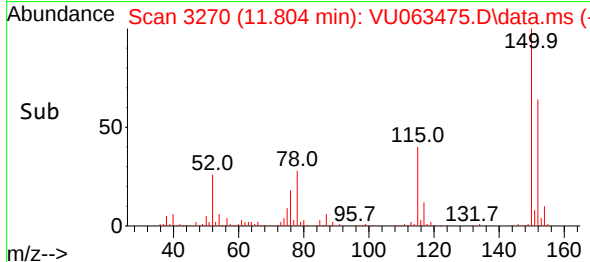
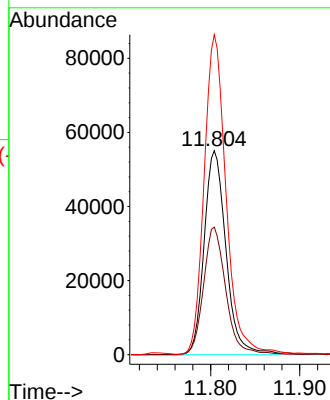
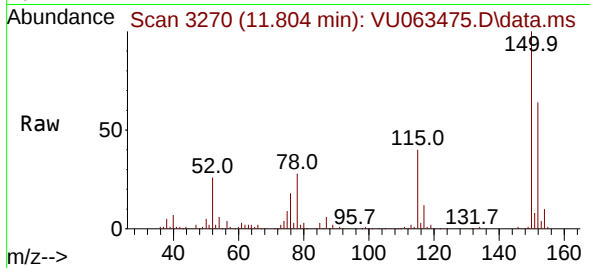




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

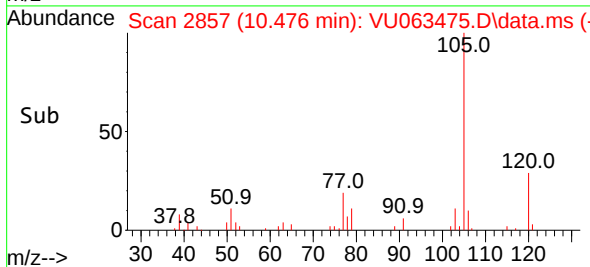
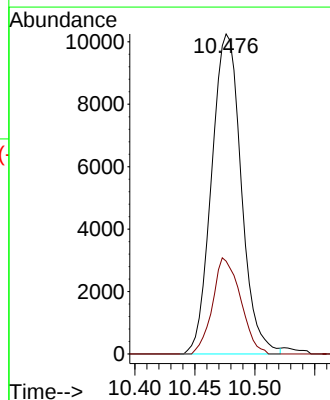
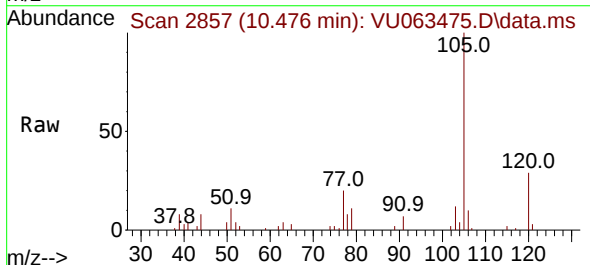
Instrument :
MSVOA_U
ClientSampleId :
MDL01

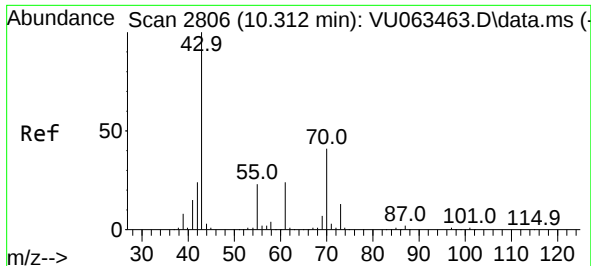
Tgt Ion:152 Resp: 93992
Ion Ratio Lower Upper
152 100
115 63.8 43.4 130.2
150 156.7 0.0 341.4



#73
Isopropylbenzene
Concen: 2.752 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion:105 Resp: 17598
Ion Ratio Lower Upper
105 100
120 28.3 13.1 39.1

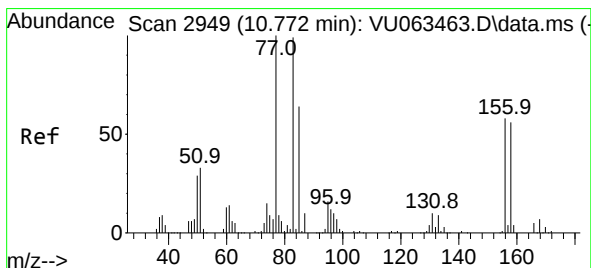
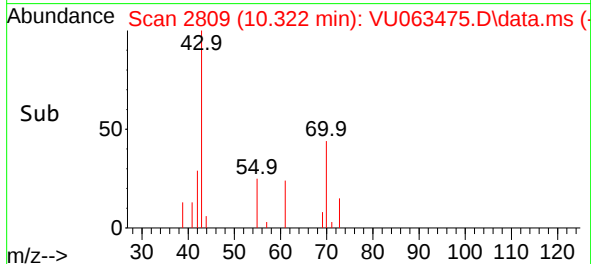
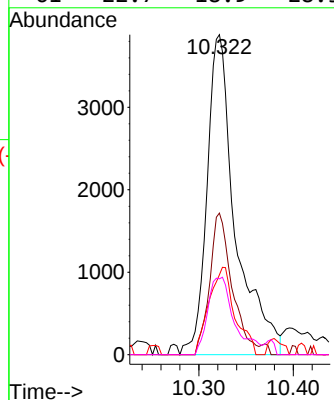
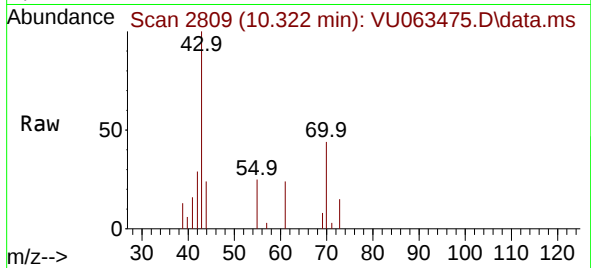




#74
N-amy1 acetate
Concen: 2.830 ug/l
RT: 10.322 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

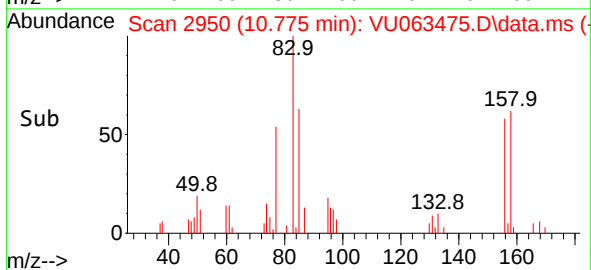
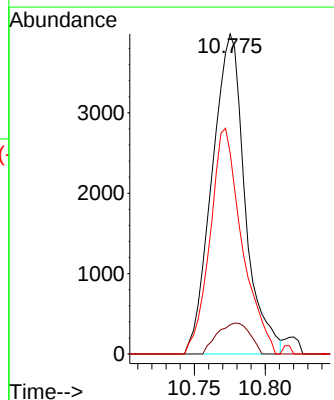
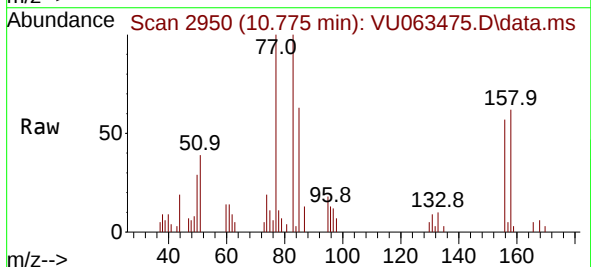
Instrument :
MSVOA_U
ClientSampleId :
MDL01

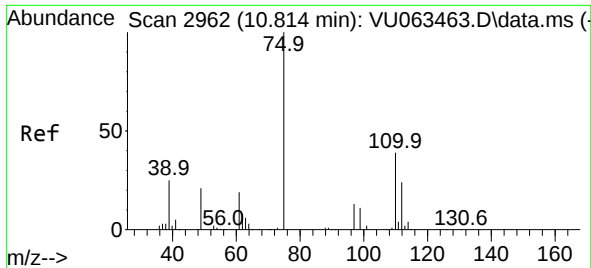
Tgt Ion: 43	Resp: 8118
Ion Ratio	Lower Upper
43 100	
70 35.0	32.6 48.8
55 24.9	18.6 27.8
61 22.7	18.9 28.3



#75
1,1,2,2-Tetrachloroethane
Concen: 2.737 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 83	Resp: 6444		
Ion Ratio	Lower	Upper	
83 100			
131 9.6	4.8	14.3	
85 68.0	32.3	96.8	

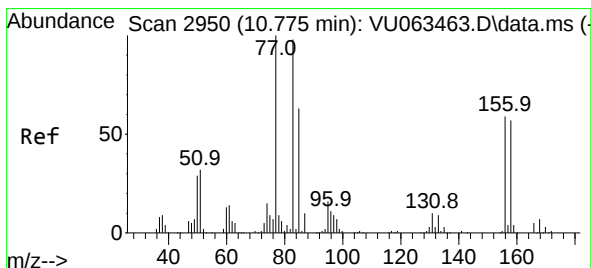
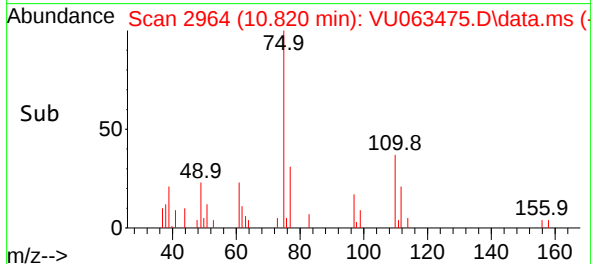
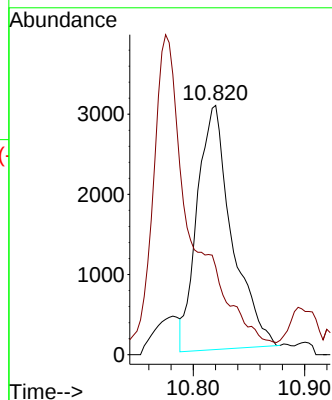
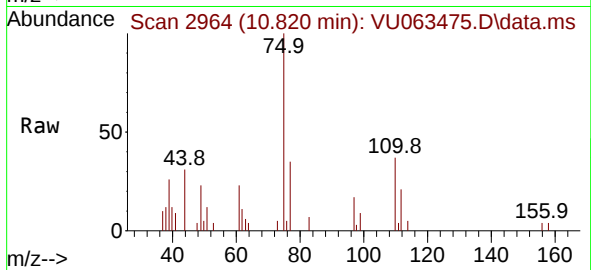




#76
1,2,3-Trichloropropane
Concen: 2.649 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. 0.006 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

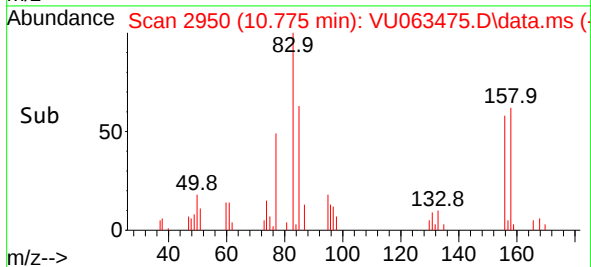
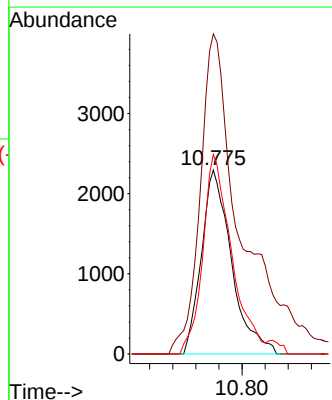
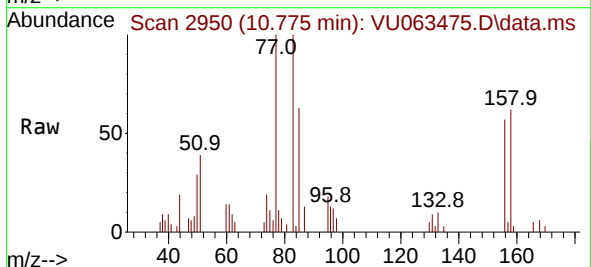
Instrument :
MSVOA_U
ClientSampleId :
MDL01

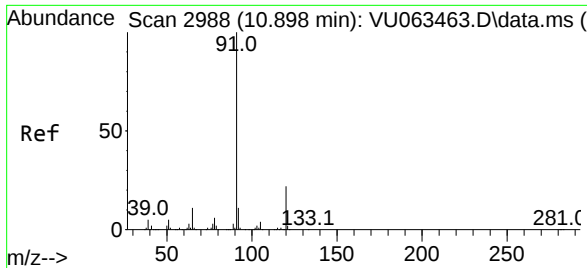
Tgt Ion: 75 Resp: 6597
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#



#77
Bromobenzene
Concen: 2.652 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion:156 Resp: 4157
Ion Ratio Lower Upper
156 100
77 239.4 78.2 234.6#
158 103.8 46.8 140.4

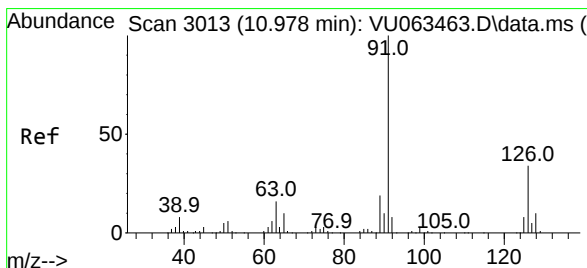
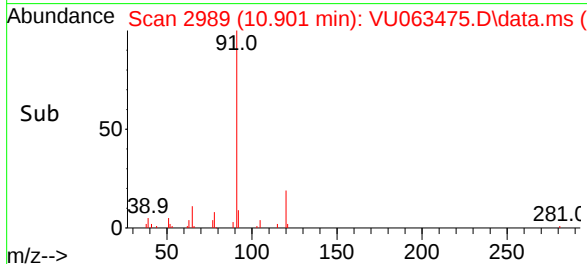
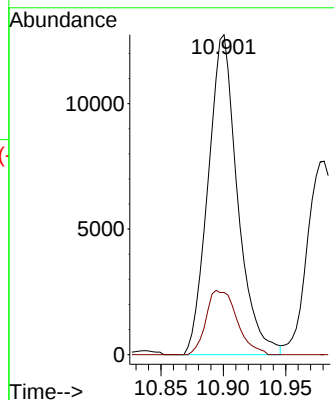
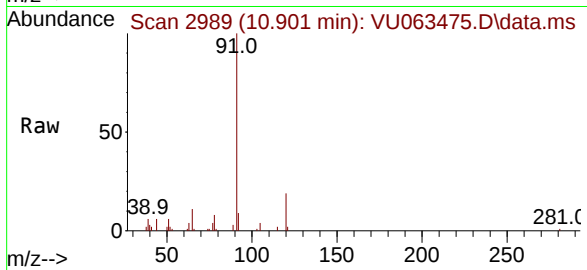




#78
n-propylbenzene
Concen: 2.830 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

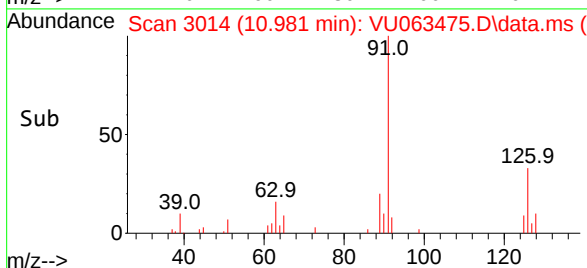
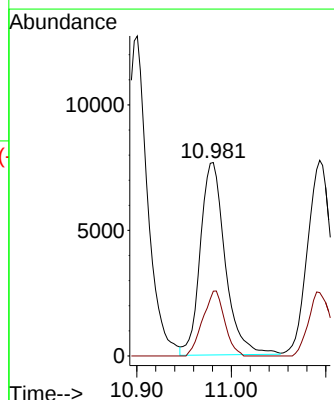
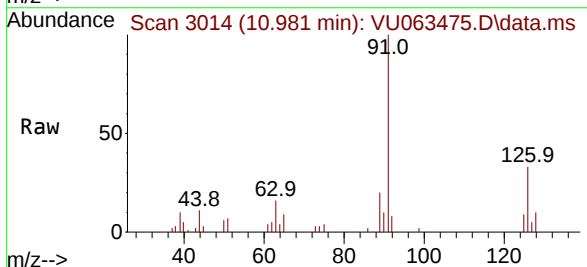
Instrument :
MSVOA_U
ClientSampleId :
MDL01

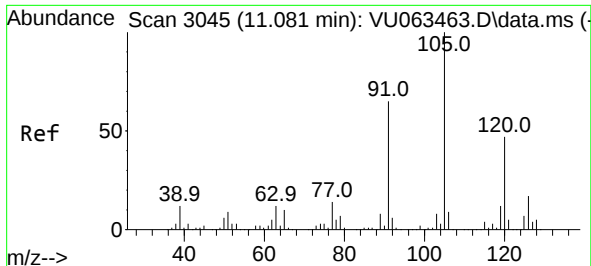
Tgt Ion: 91 Resp: 20992
Ion Ratio Lower Upper
91 100
120 21.0 11.5 34.4



#79
2-Chlorotoluene
Concen: 3.017 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 91 Resp: 14035
Ion Ratio Lower Upper
91 100
126 29.6 15.9 47.7

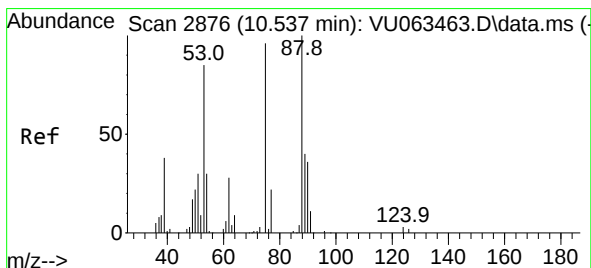
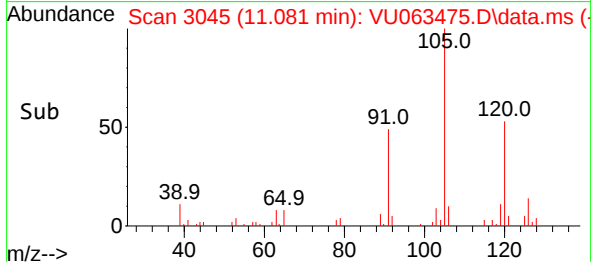
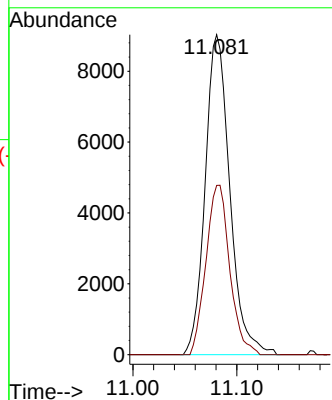
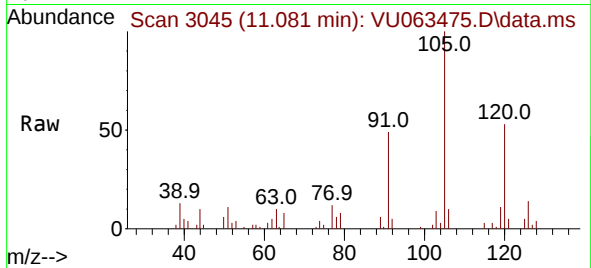




#80
1,3,5-Trimethylbenzene
Concen: 2.657 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

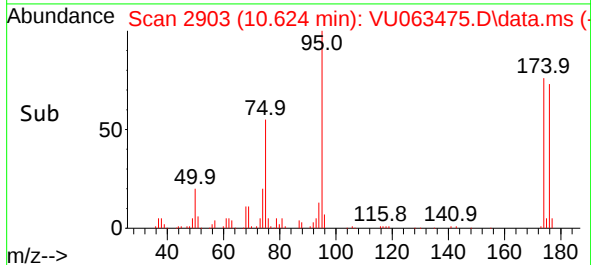
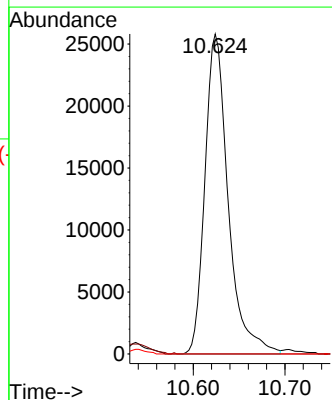
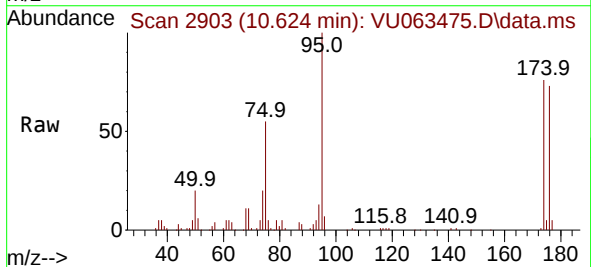
Instrument :
MSVOA_U
ClientSampleId :
MDL01

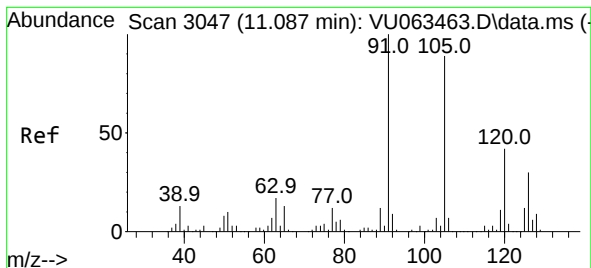
Tgt Ion:105 Resp: 14865
Ion Ratio Lower Upper
105 100
120 51.0 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 91.170 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.087 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 75 Resp: 45528
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#

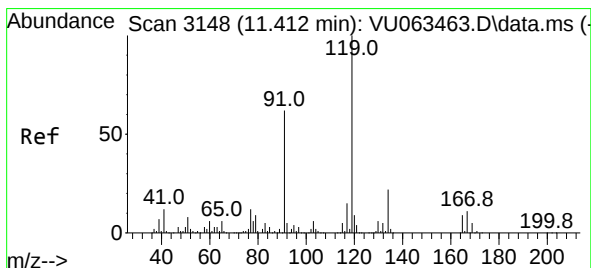
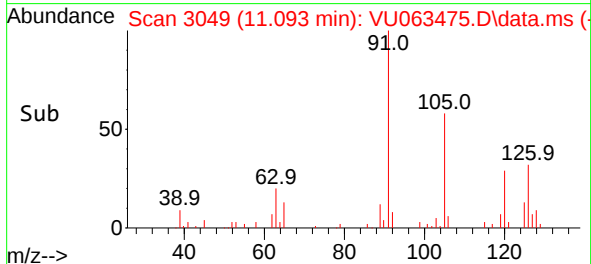
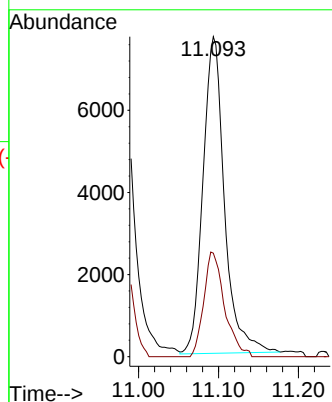
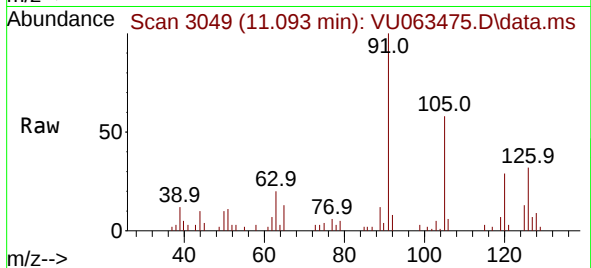




#82
4-Chlorotoluene
Concen: 2.733 ug/l
RT: 11.093 min Scan# 3047
Delta R.T. 0.006 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

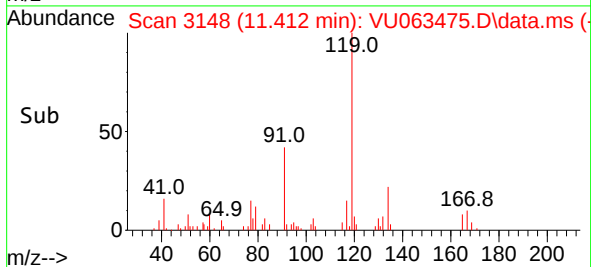
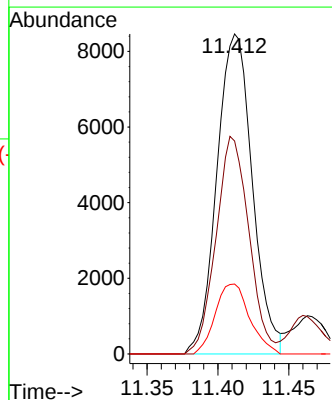
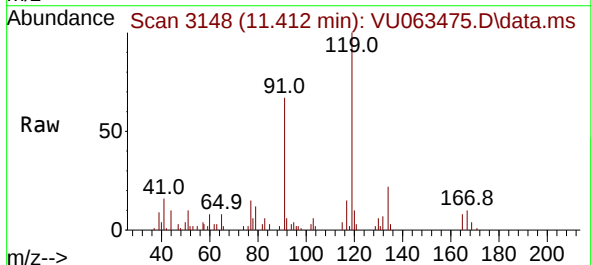
Instrument :
MSVOA_U
ClientSampleId :
MDL01

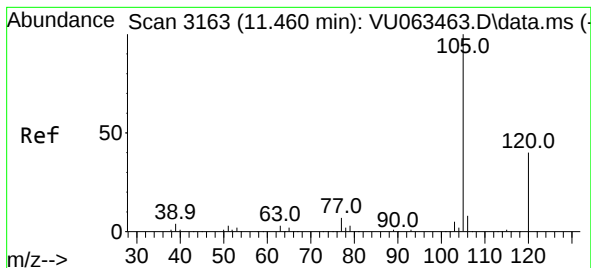
Tgt Ion: 91 Resp: 14433
Ion Ratio Lower Upper
91 100
126 31.8 14.4 43.2



#83
tert-Butylbenzene
Concen: 2.746 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 119 Resp: 14730
Ion Ratio Lower Upper
119 100
91 63.0 30.3 91.0
134 21.2 11.2 33.6





#84

1,2,4-Trimethylbenzene

Concen: 2.702 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

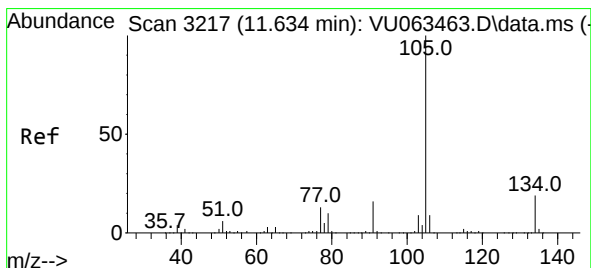
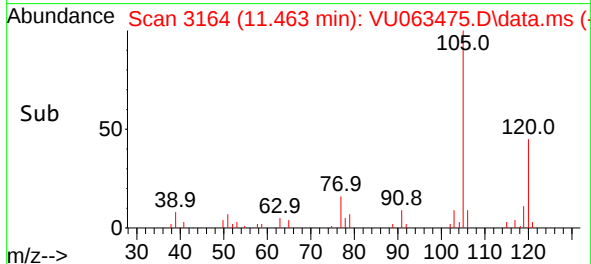
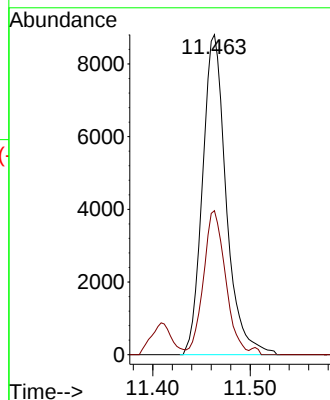
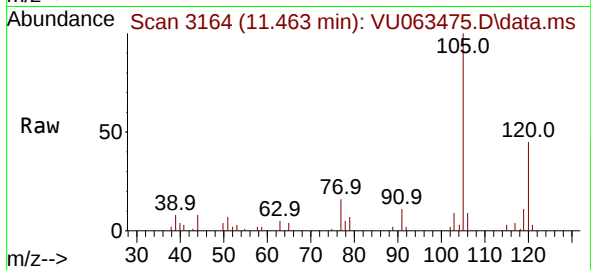
MDL01

Tgt Ion:105 Resp: 14842

Ion Ratio Lower Upper

105 100

120 39.8 22.1 66.3



#85

sec-Butylbenzene

Concen: 2.735 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU063475.D

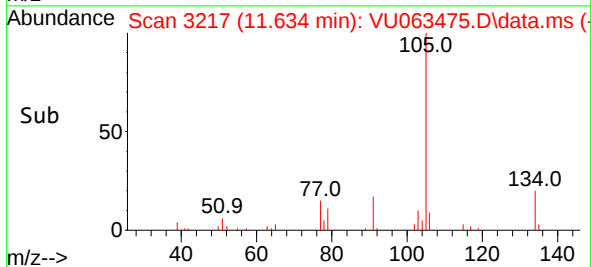
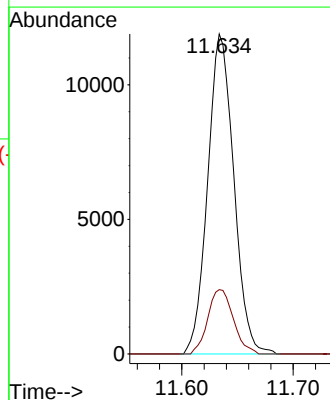
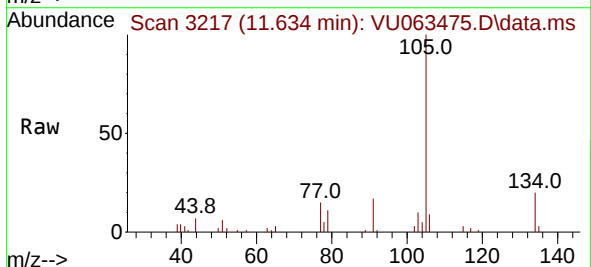
Acq: 10 Jul 2025 13:02

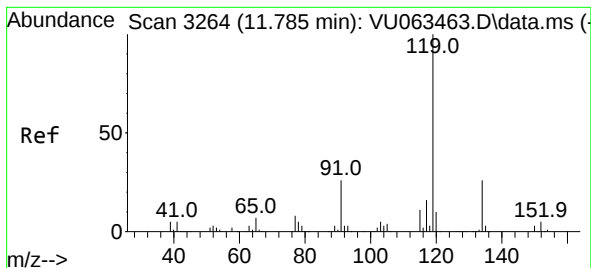
Tgt Ion:105 Resp: 19357

Ion Ratio Lower Upper

105 100

134 19.7 9.7 29.1





#86

p-Isopropyltoluene

Concen: 2.540 ug/l

RT: 11.785 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL01

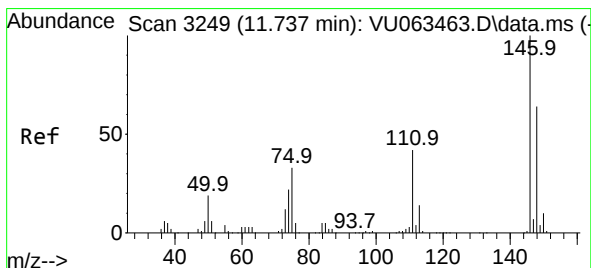
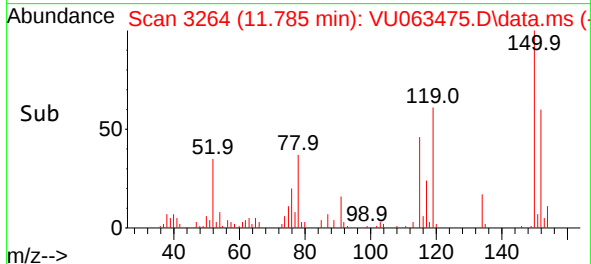
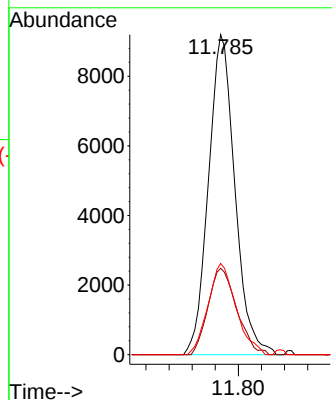
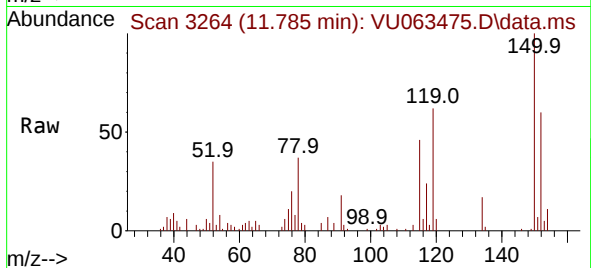
Tgt Ion:119 Resp: 14584

Ion Ratio Lower Upper

119 100

134 29.2 13.0 38.9

91 30.1 13.0 38.9



#87

1,3-Dichlorobenzene

Concen: 2.752 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

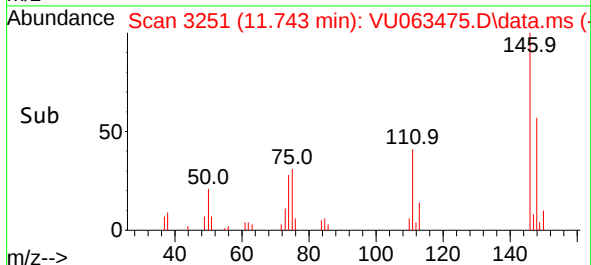
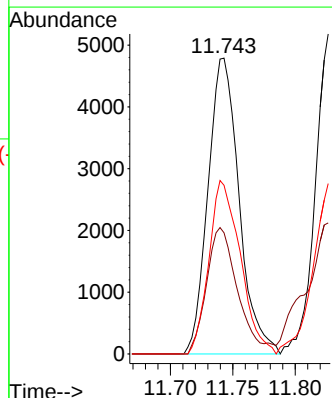
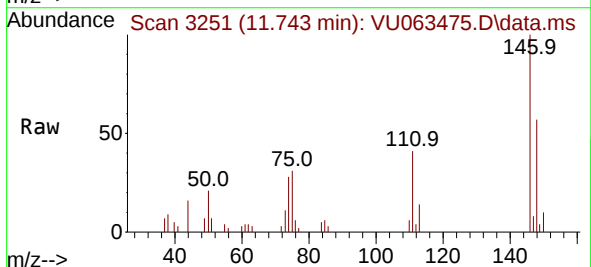
Tgt Ion:146 Resp: 8313

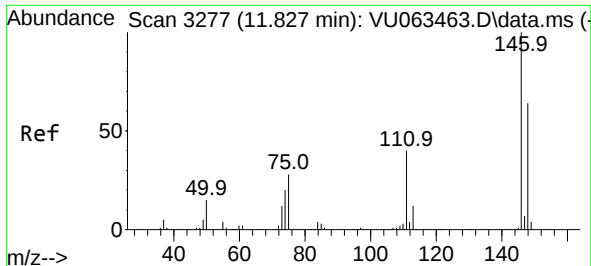
Ion Ratio Lower Upper

146 100

111 43.1 20.9 62.7

148 59.1 31.9 95.9

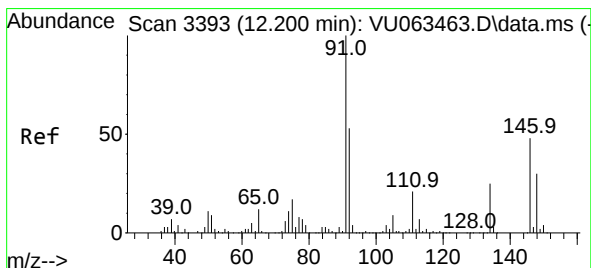
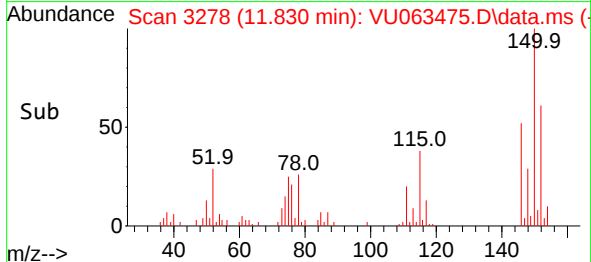
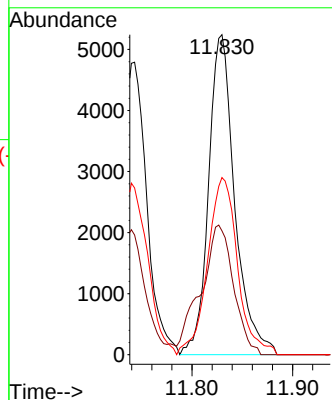
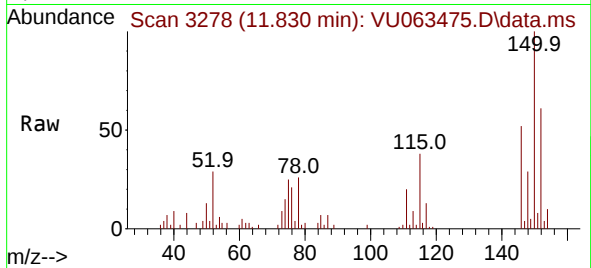




#88
1,4-Dichlorobenzene
Concen: 3.080 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

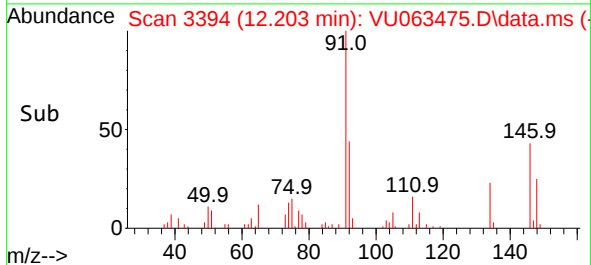
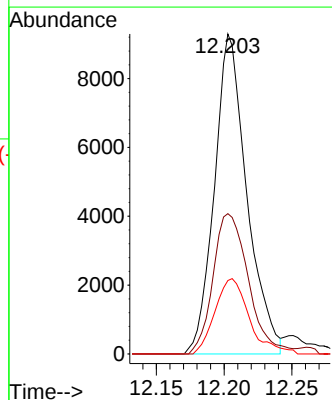
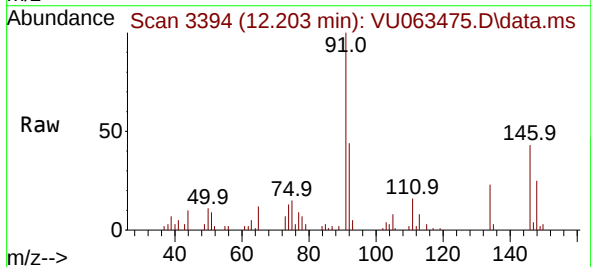
Instrument :
MSVOA_U
ClientSampleId :
MDL01

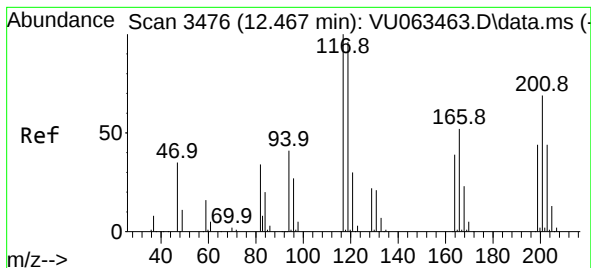
Tgt Ion:146 Resp: 9485
Ion Ratio Lower Upper
146 100
111 50.7 20.8 62.4
148 63.4 31.9 95.9



#89
n-Butylbenzene
Concen: 2.905 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion: 91 Resp: 15441
Ion Ratio Lower Upper
91 100
92 47.9 26.4 79.2
134 24.9 12.4 37.0





#90

Hexachloroethane

Concen: 2.414 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

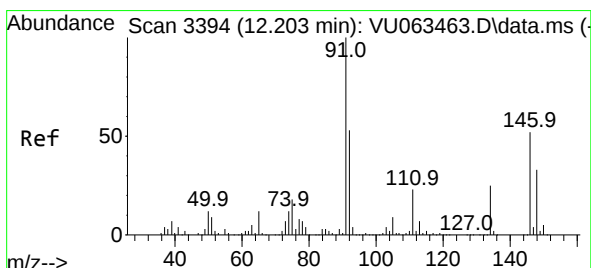
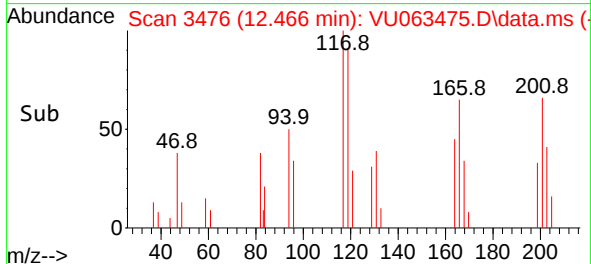
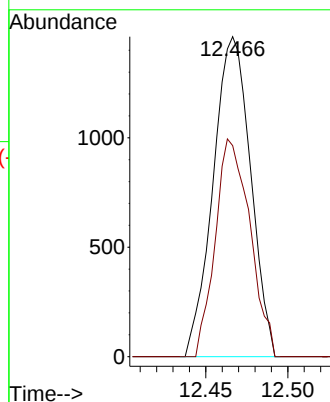
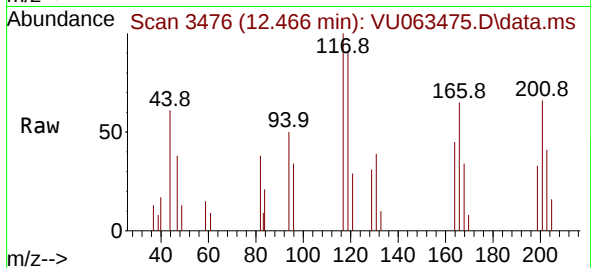
MDL01

Tgt Ion:117 Resp: 2319

Ion Ratio Lower Upper

117 100

201 63.0 34.4 103.2



#91

1,2-Dichlorobenzene

Concen: 2.750 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.006 min

Lab File: VU063475.D

Acq: 10 Jul 2025 13:02

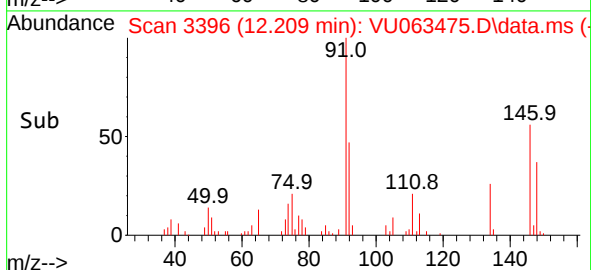
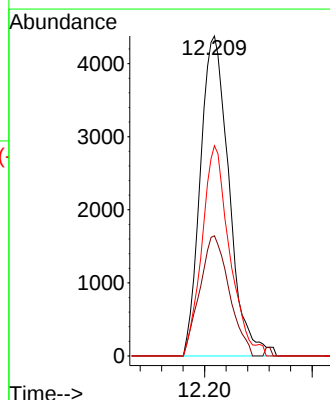
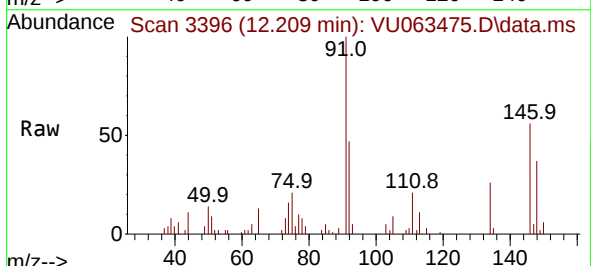
Tgt Ion:146 Resp: 8100

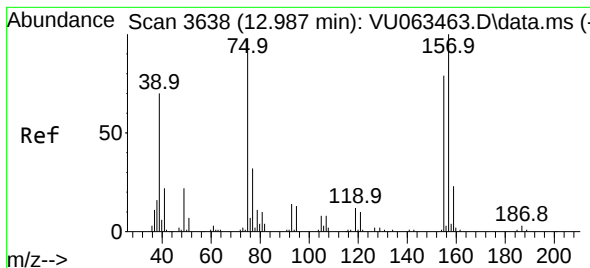
Ion Ratio Lower Upper

146 100

111 38.4 21.9 65.5

148 63.0 31.6 95.0

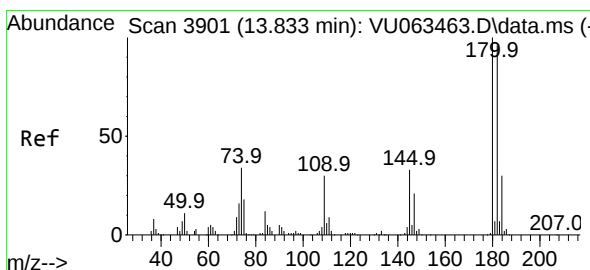
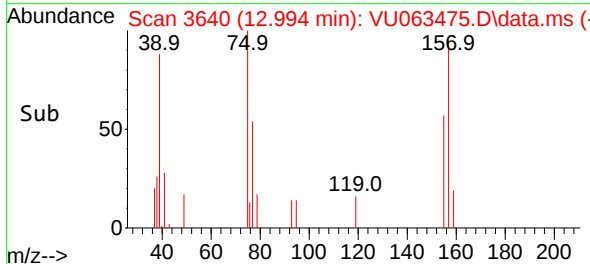
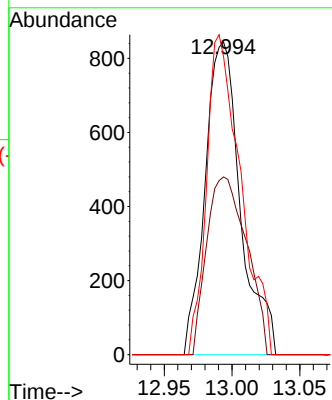
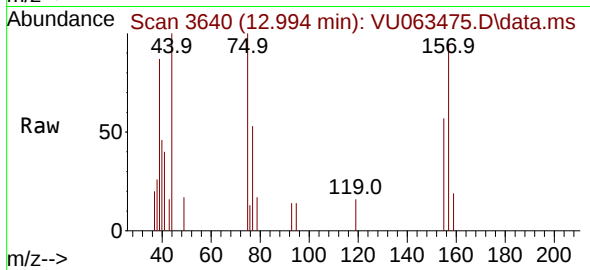




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.758 ug/l
 RT: 12.994 min Scan# 3640
 Delta R.T. 0.006 min
 Lab File: VU063475.D
 Acq: 10 Jul 2025 13:02

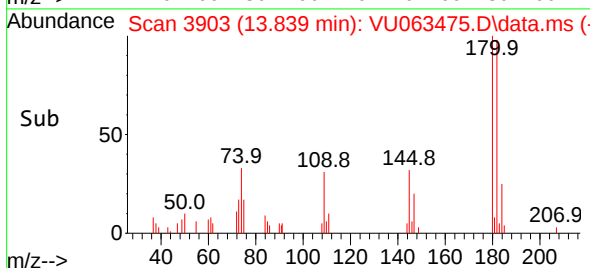
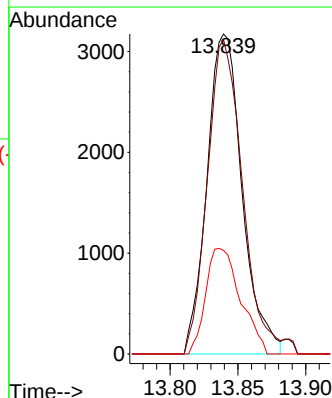
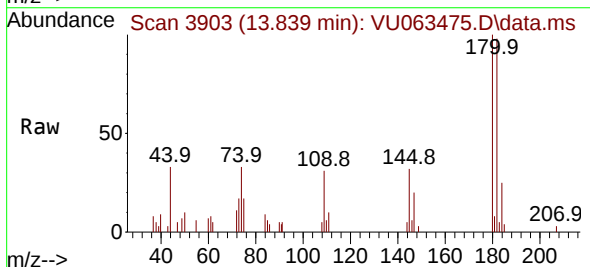
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

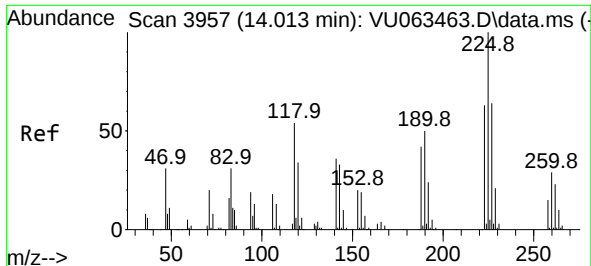
Tgt Ion: 75 Resp: 1538
 Ion Ratio Lower Upper
 75 100
 155 64.0 39.1 117.5
 157 98.2 49.4 148.2



#93
 1,2,4-Trichlorobenzene
 Concen: 3.038 ug/l
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.006 min
 Lab File: VU063475.D
 Acq: 10 Jul 2025 13:02

Tgt Ion: 180 Resp: 5732
 Ion Ratio Lower Upper
 180 100
 182 98.9 47.7 143.1
 145 32.6 16.6 49.7

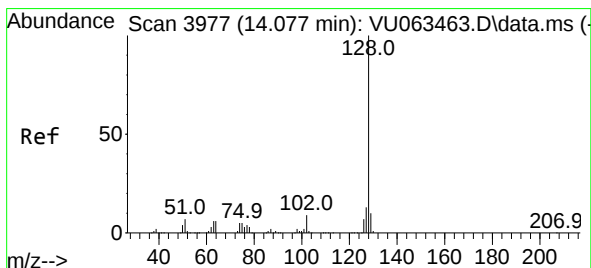
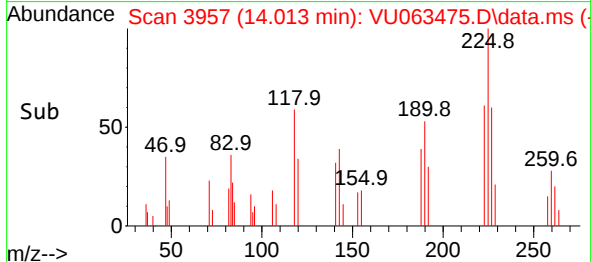
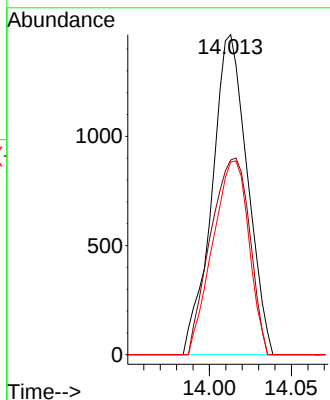
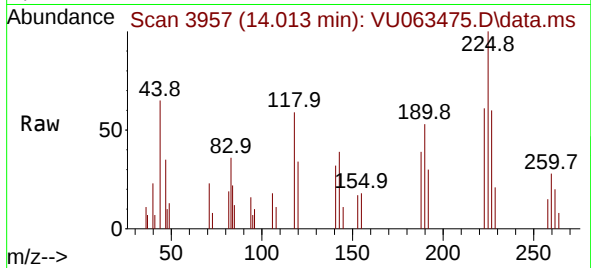




#94
Hexachlorobutadiene
Concen: 2.718 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

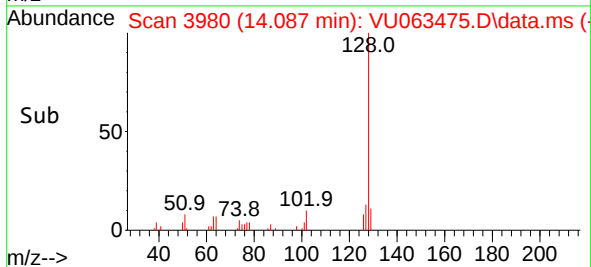
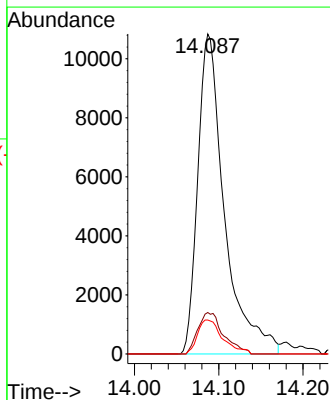
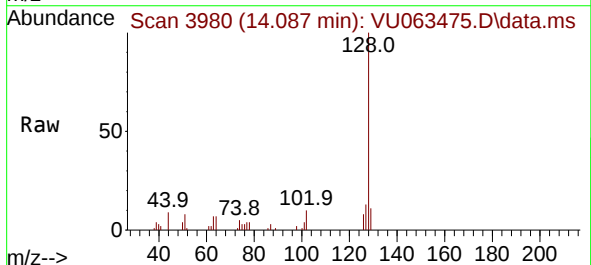
Instrument :
MSVOA_U
ClientSampleId :
MDL01

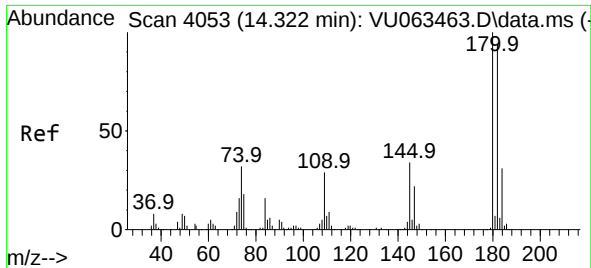
Tgt Ion:	225	Resp:	2192
Ion	Ratio	Lower	Upper
225	100		
223	68.0	32.4	97.0
227	62.0	32.3	96.9



#95
Naphthalene
Concen: 3.867 ug/l
RT: 14.087 min Scan# 3980
Delta R.T. 0.009 min
Lab File: VU063475.D
Acq: 10 Jul 2025 13:02

Tgt Ion:	128	Resp:	23894
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.0	8.6	12.8





#96

1,2,3-Trichlorobenzene

Concen: 3.170 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063475.D

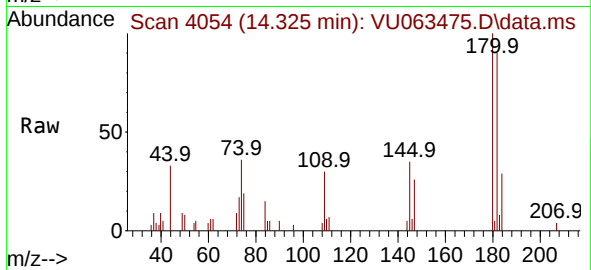
Acq: 10 Jul 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL01



Tgt Ion:180 Resp: 5878

Ion Ratio Lower Upper

180 100

182 84.0 47.8 143.3

145 33.0 17.2 51.5

