

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072125\
 Data File : VU063552.D
 Acq On : 21 Jul 2025 17:12
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Quant Time: Jul 22 04:24:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jul 22 04:23:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	21126	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	6598	0.825	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	6555	0.886	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	5092	0.817	ug/l	98
3) Chloromethane	1.518	50	5577	0.963	ug/l	94
4) Vinyl Chloride	1.599	62	6346	0.860	ug/l #	87
5) Bromomethane	1.846	94	5899	1.061	ug/l	97
6) Chloroethane	1.923	64	4323	0.971	ug/l	100
7) Trichlorofluoromethane	2.129	101	9791	0.925	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	5415	0.979	ug/l	97
9) 1,1-Dichloroethene	2.566	96	5126	0.935	ug/l	89
10) Iodomethane	2.708	142	2642	0.399	ug/l	98
11) Allyl Chloride	2.907	41	7228	0.912	ug/l	96
12) Acrylonitrile	3.306	53	2590	1.888	ug/l	94
13) Acetone	2.621	43	4814	4.380	ug/l	93
14) Carbon Disulfide	2.779	76	11508	0.650	ug/l	98
15) Methylene Chloride	3.029	84	8132	1.259	ug/l	98
16) trans-1,2-Dichloroethene	3.338	96	5469	0.878	ug/l	93
17) 1,1-Dichloroethane	3.846	63	11181	0.968	ug/l	100
18) 2-Butanone	4.717	43	7920	4.653	ug/l	97
19) Cyclohexane	5.361	56	9181	0.939	ug/l	99
20) Methylcyclohexane	6.740	83	7593	0.799	ug/l	95
21) 2,2-Dichloropropane	4.644	77	7991	0.813	ug/l	99
22) cis-1,2-Dichloroethene	4.650	96	6246	0.924	ug/l	100
23) Diethyl Ether	2.370	59	3829	0.916	ug/l	92
24) tert-Butyl Alcohol	3.190	59	6301	12.489	ug/l #	92
25) Methyl tert-Butyl Ether	3.361	73	13469	0.941	ug/l #	88
26) Bromochloromethane	4.959	128	2501	0.886	ug/l	88
27) Chloroform	5.071	83	11061	0.939	ug/l	96
28) 1,1,1-Trichloroethane	5.293	97	8653	0.865	ug/l	98
29) 1,1-Dichloropropene	5.505	75	8934	0.964	ug/l	97
30) Carbon Tetrachloride	5.505	117	6460	0.803	ug/l	94
31) Isopropyl Ether	3.994	45	17837	1.023	ug/l	94
32) Ethyl-t-butyl ether	4.502	59	15372	0.953	ug/l	100
33) Tert-Amyl methyl ether	5.943	73	13882	0.992	ug/l	98
34) Propionitrile	4.779	54	2564	4.944	ug/l #	89
35) Benzene	5.756	78	24093	0.968	ug/l	99
36) 1,2-Dichloroethane	5.782	62	8001	1.035	ug/l	98
37) Trichloroethene	6.528	130	4840	0.762	ug/l	99
38) 1,2-Dichloropropane	6.778	63	4588	0.788	ug/l	98
39) Methacrylonitrile	4.968	41	1749	0.759	ug/l #	72
40) Methyl acrylate	4.849	55	3701	1.098	ug/l #	88
41) Tetrahydrofuran	5.068	42	2602	2.146	ug/l #	88
42) 1-Chlorobutane	5.438	56	11659	0.947	ug/l	100
43) Dibromomethane	6.907	93	2343	0.776	ug/l	92
44) Bromodichloromethane	7.097	83	4541	0.667	ug/l #	94

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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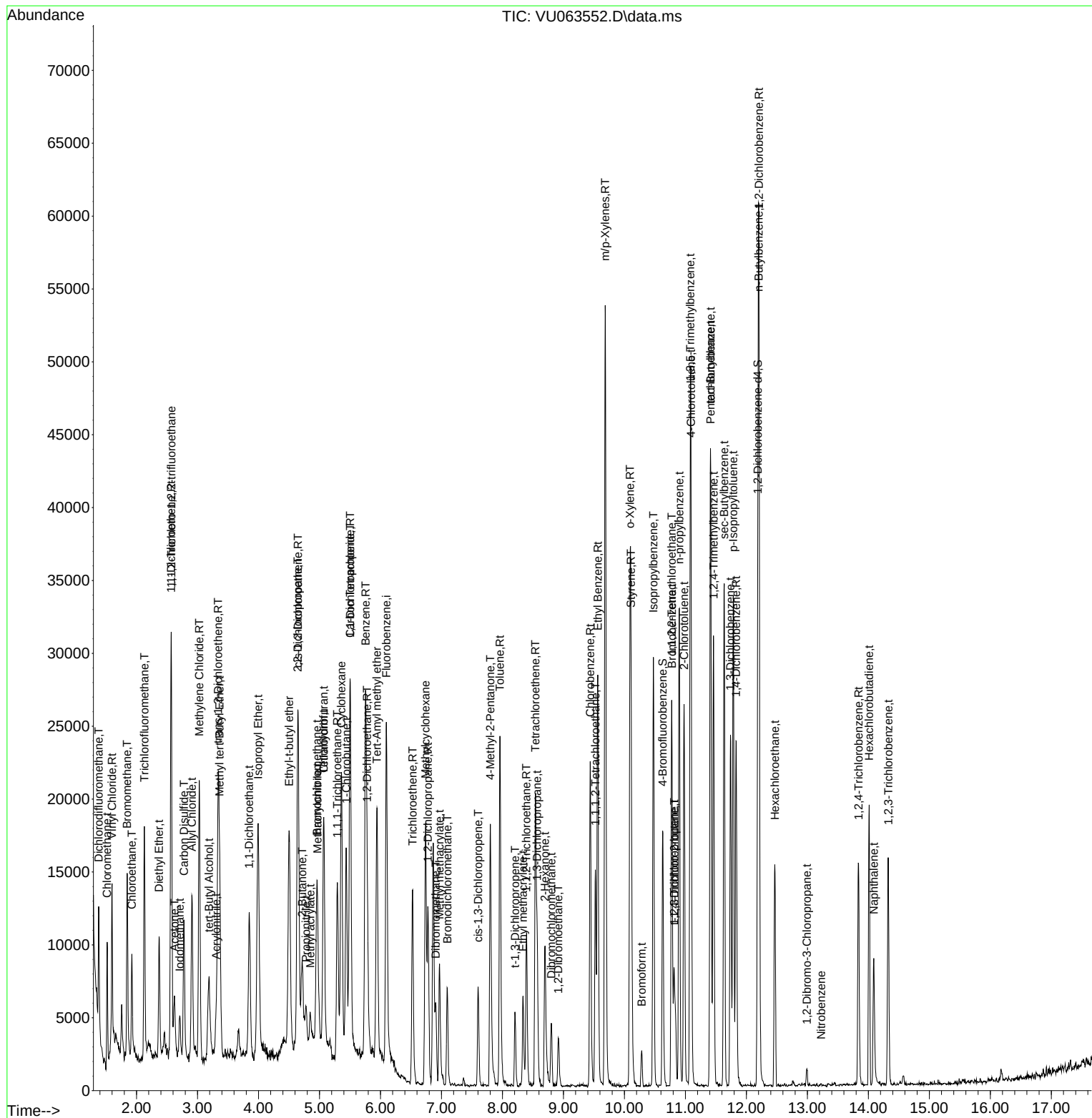
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	13478	4.334	ug/l	98
46) t-1,4-Dichloro-2-butene	10.817	75	4272	3.659	ug/l #	54
47) Methyl methacrylate	6.968	69	3954	1.560	ug/l #	93
48) Ethyl methacrylate	8.338	69	3702	0.765	ug/l	92
49) Toluene	7.958	92	10802	0.795	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	2889	0.541	ug/l	92
51) cis-1,3-Dichloropropene	7.602	75	4325	0.604	ug/l	96
52) 1,1,2-Trichloroethane	8.393	97	3237	0.797	ug/l	87
53) 1,3-Dichloropropane	8.569	76	5698	0.812	ug/l	99
54) 2-Hexanone	8.698	43	8345	4.040	ug/l	98
55) Dibromochloromethane	8.801	129	2510	0.585	ug/l	99
56) 1,2-Dibromoethane	8.917	107	2826	0.777	ug/l	99
58) Tetrachloroethene	8.540	164	4138	0.712	ug/l	97
59) Chlorobenzene	9.441	112	12059	0.773	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.524	131	3254	0.648	ug/l	98
61) Pentachloroethane	11.415	117	2738	0.772	ug/l #	79
62) Hexachloroethane	12.466	117	2132	0.607	ug/l	89
63) Ethyl Benzene	9.563	91	21617	0.805	ug/l	99
64) m/p-Xylenes	9.685	106	16093	1.542	ug/l	97
65) o-Xylene	10.093	106	7571	0.755	ug/l	94
66) Styrene	10.110	104	12338	0.772	ug/l	97
67) Bromoform	10.283	173	1076	0.488	ug/l #	94
69) Isopropylbenzene	10.476	105	19318	0.797	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	3982	0.806	ug/l	96
71) 1,2,3-Trichloropropane	10.817	75	4272	1.064	ug/l #	86
72) Bromobenzene	10.778	156	4838	0.773	ug/l	89
73) n-propylbenzene	10.901	120	5843	0.800	ug/l	96
74) 2-Chlorotoluene	10.981	126	4961	0.769	ug/l	92
75) 1,3,5-Trimethylbenzene	11.081	105	17505	0.756	ug/l	98
76) 4-Chlorotoluene	11.093	126	5296	0.808	ug/l	99
77) tert-Butylbenzene	11.412	119	16547	0.747	ug/l	92
78) 1,2,4-Trimethylbenzene	11.463	105	17756	0.773	ug/l	95
79) sec-Butylbenzene	11.637	105	23867	0.799	ug/l	97
80) Nitrobenzene	13.225	77	158	1.822	ug/l #	44
81) p-Isopropyltoluene	11.785	119	18683	0.750	ug/l	97
82) 1,3-Dichlorobenzene	11.740	146	10221	0.816	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	10256	0.818	ug/l	98
84) n-Butylbenzene	12.203	91	17867	0.773	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	9153	0.778	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.990	75	324	0.461	ug/l #	88
87) 1,2,4-Trichlorobenzene	13.839	180	5039	0.689	ug/l	96
88) Hexachlorobutadiene	14.013	225	3225	0.776	ug/l	95
89) Naphthalene	14.090	128	9338	0.712	ug/l	97
90) 1,2,3-Trichlorobenzene	14.328	180	5269	0.779	ug/l	96

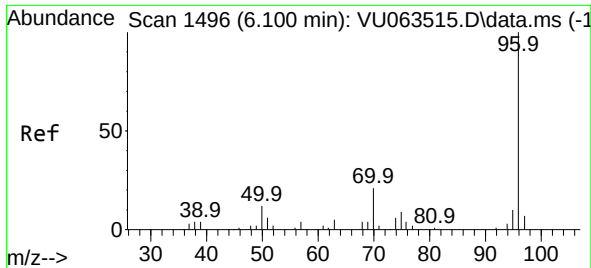
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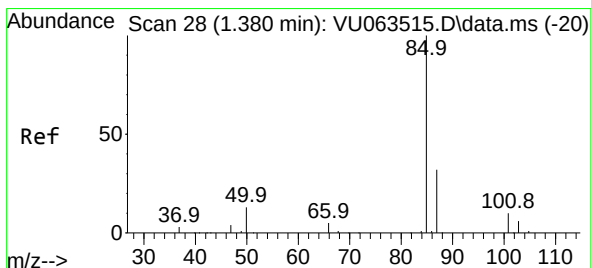
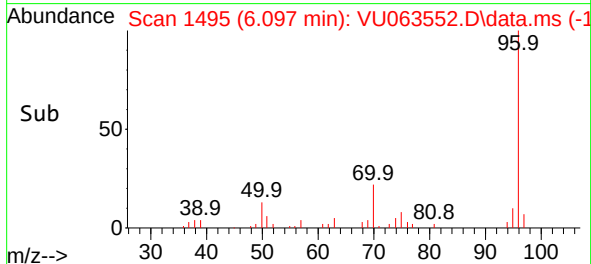
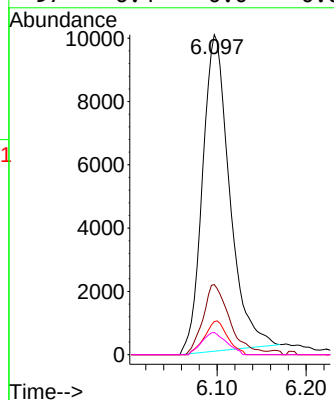
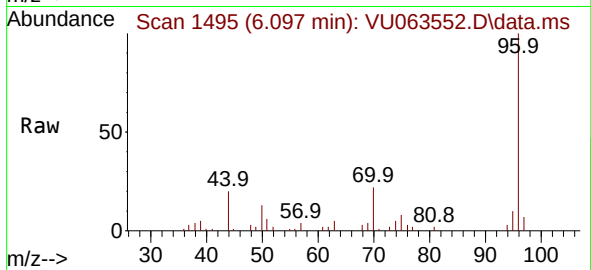




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

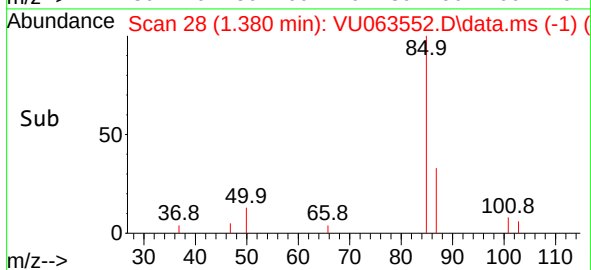
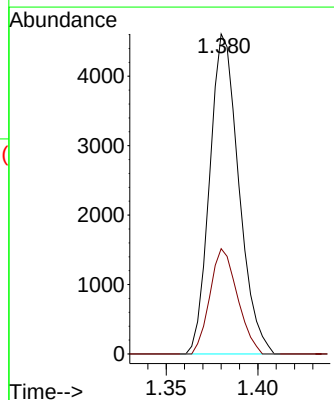
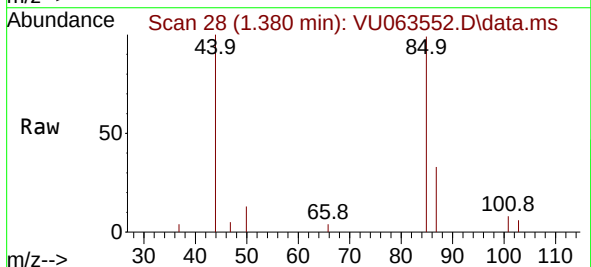
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

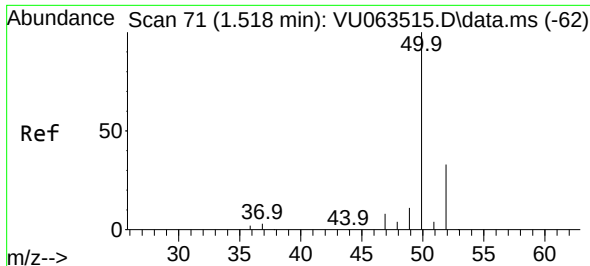
Tgt Ion: 96	Resp: 21126
Ion Ratio	Lower Upper
96 100	
70 20.5	15.0 22.4
95 9.1	7.4 11.0
97 6.4	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.817 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063552.D
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Tgt Ion: 85	Resp: 5092
Ion Ratio	Lower Upper
85 100	
87 32.9	16.0 47.9

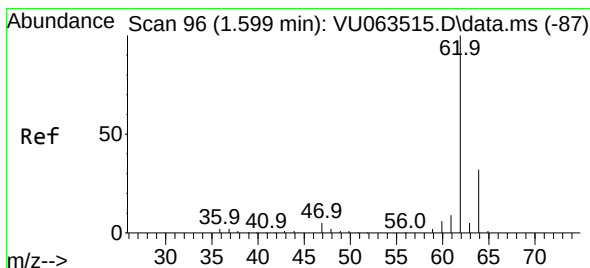
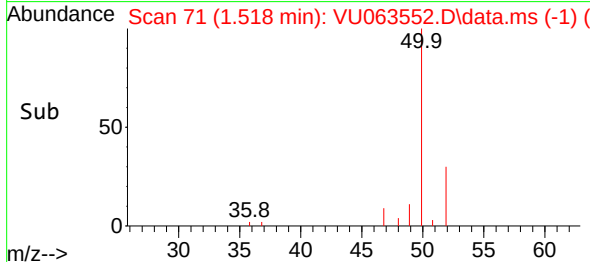
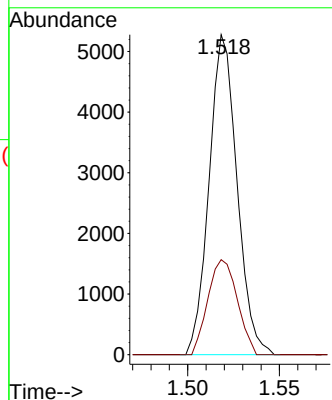
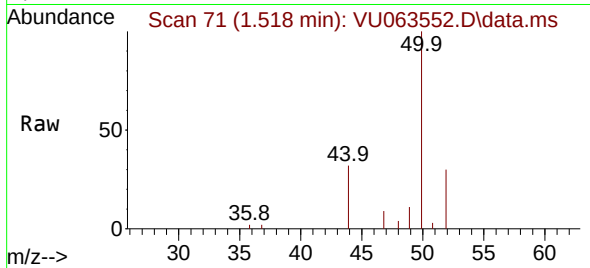




#3
Chloromethane
Concen: 0.963 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

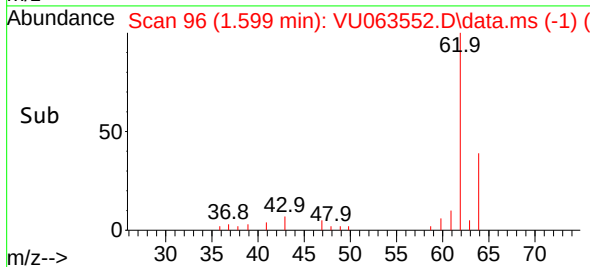
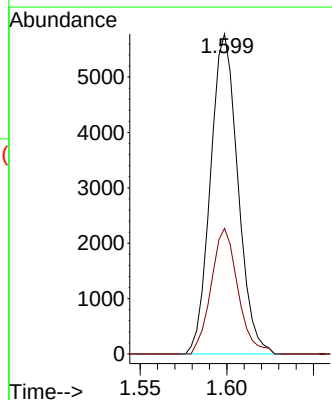
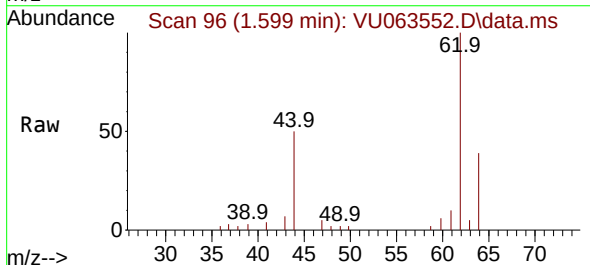
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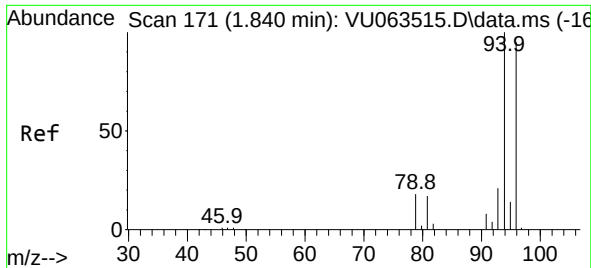
Tgt Ion: 50 Resp: 5577
Ion Ratio Lower Upper
50 100
52 29.7 26.3 39.5



#4
Vinyl Chloride
Concen: 0.860 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion: 62 Resp: 6346
Ion Ratio Lower Upper
62 100
64 39.2 25.7 38.5#

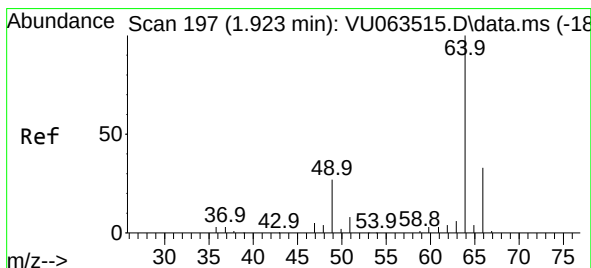
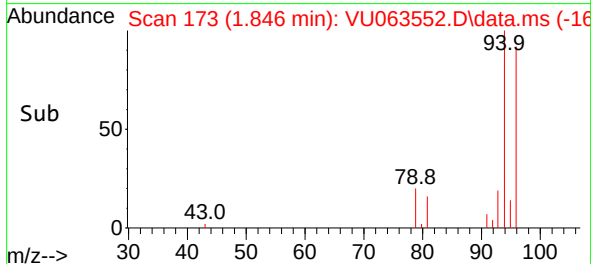
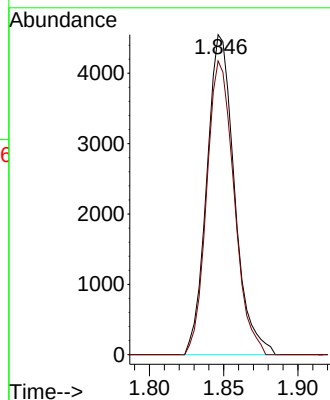
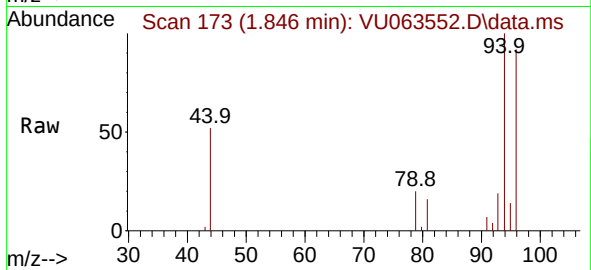




#5
Bromomethane
Concen: 1.061 ug/l
RT: 1.846 min Scan# 171
Delta R.T. 0.006 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

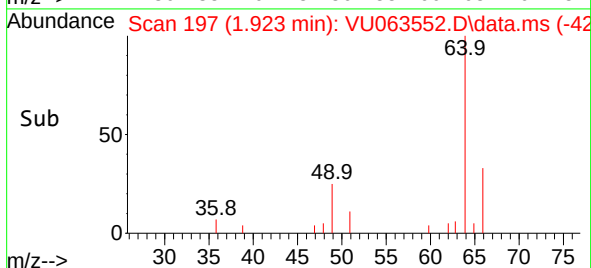
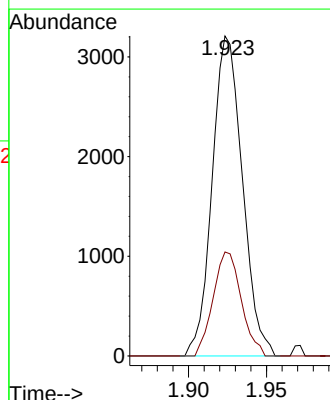
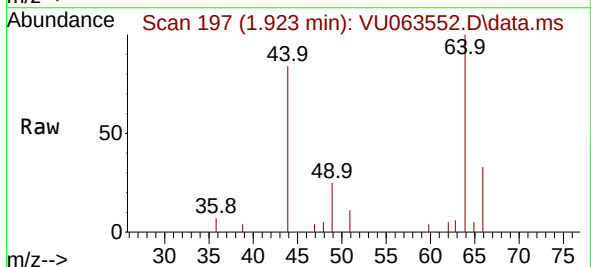
Instrument :
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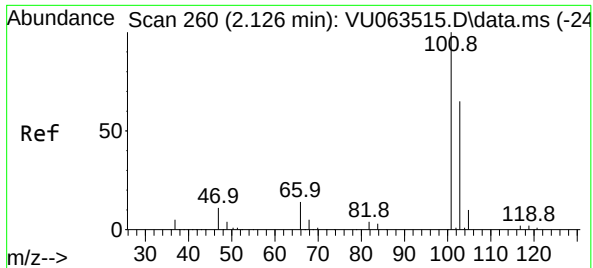
Tgt Ion: 94 Resp: 5899
Ion Ratio Lower Upper
94 100
96 91.8 75.8 113.6



#6
Chloroethane
Concen: 0.971 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion: 64 Resp: 4323
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4

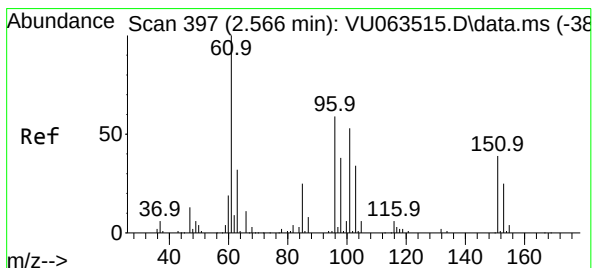
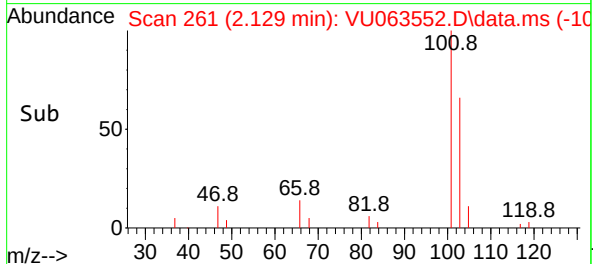
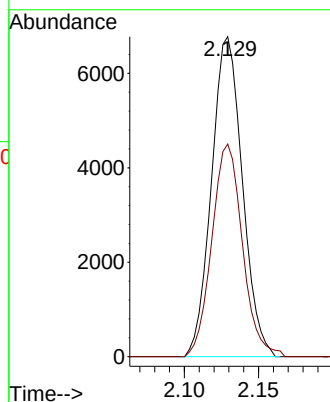
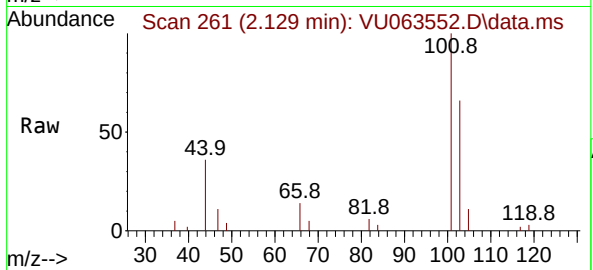




#7
 Trichlorofluoromethane
 Concen: 0.925 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU063552.D
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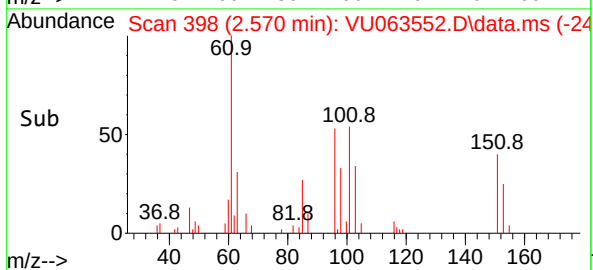
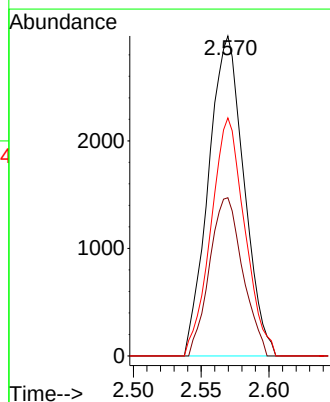
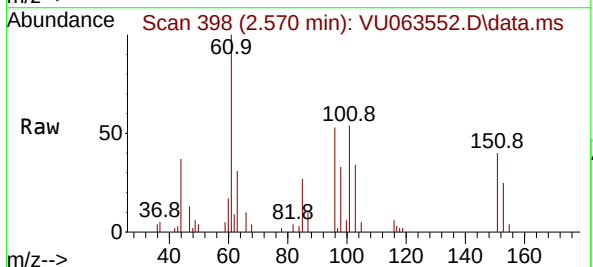
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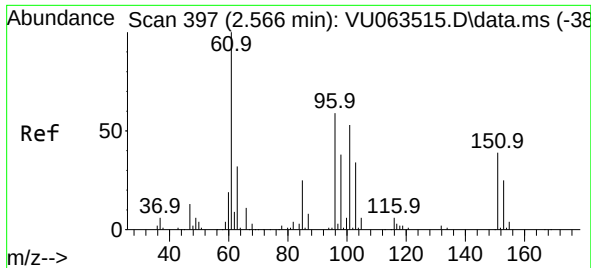
Tgt Ion:101 Resp: 9791
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.2 78.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.979 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063552.D
 Acq: 21 Jul 2025 17:12

Tgt Ion:101 Resp: 5415
 Ion Ratio Lower Upper
 101 100
 85 46.4 37.8 56.6
 151 71.0 59.2 88.8

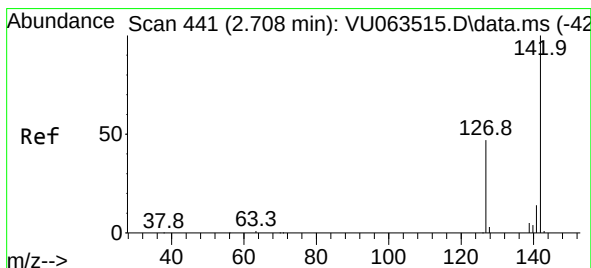
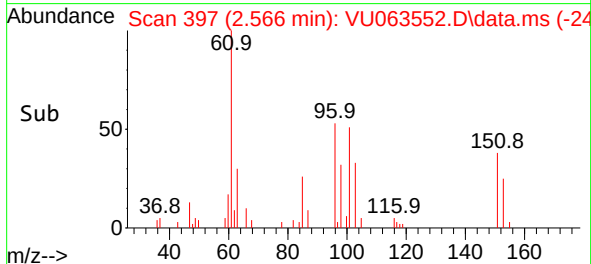
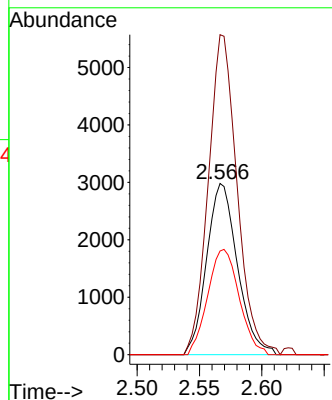
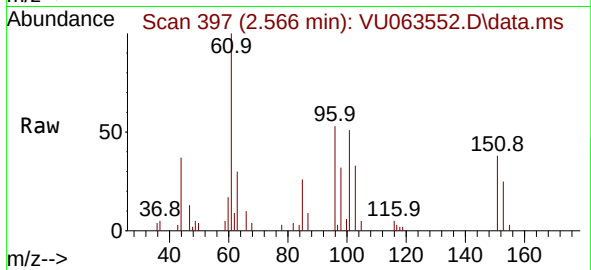




#9
1,1-Dichloroethene
Concen: 0.935 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063552.D
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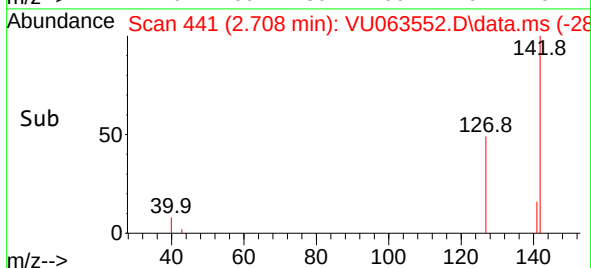
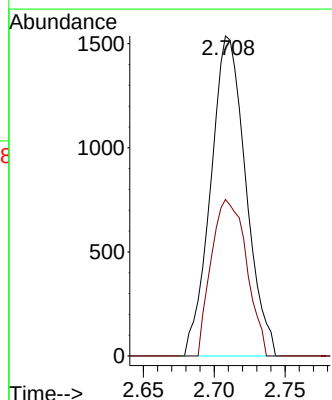
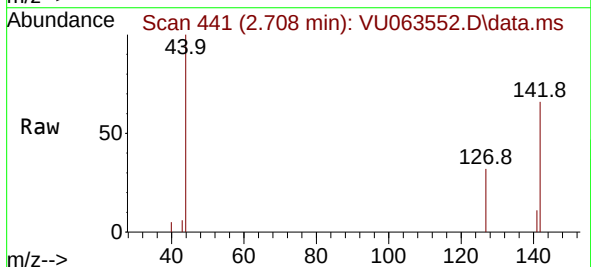
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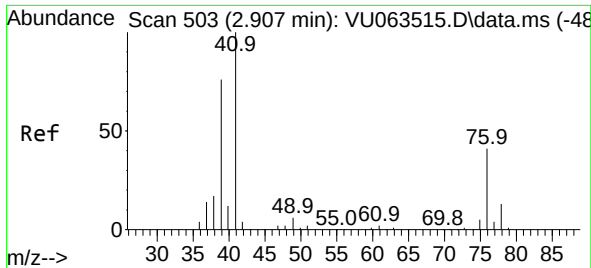
Tgt Ion: 96 Resp: 5126
Ion Ratio Lower Upper
96 100
61 186.9 0.0 504.3
98 60.6 0.0 126.8



#10
Iodomethane
Concen: 0.399 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion: 142 Resp: 2642
Ion Ratio Lower Upper
142 100
127 49.1 37.9 56.9

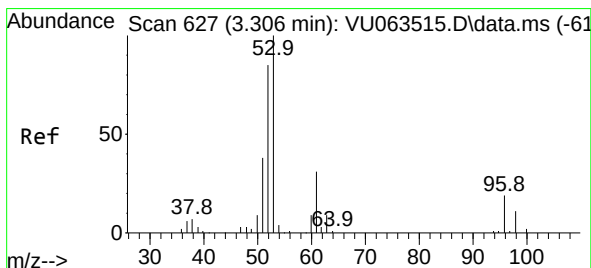
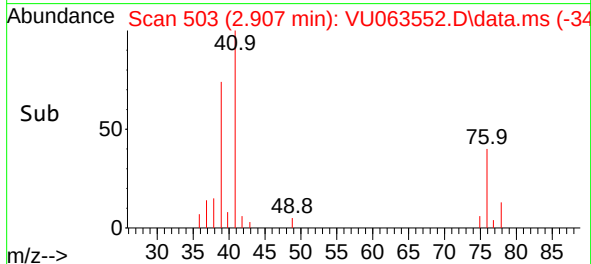
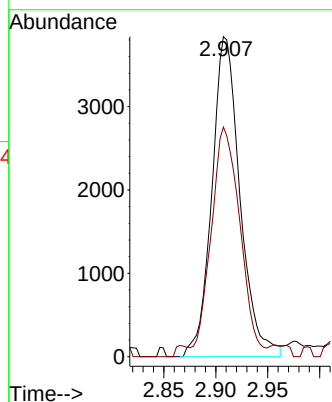
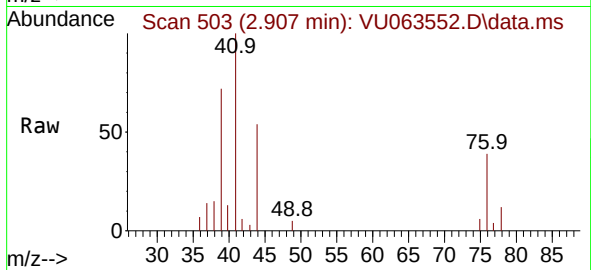




#11
 Allyl Chloride
 Concen: 0.912 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.000 min
 Lab File: VU063552.D
 Acq: 21 Jul 2025 17:12

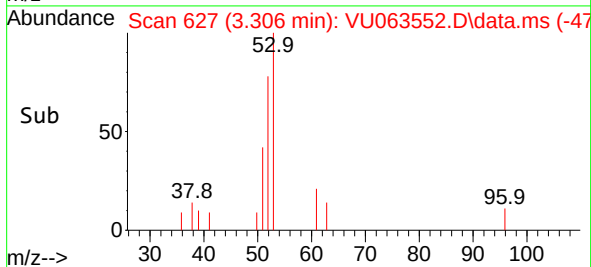
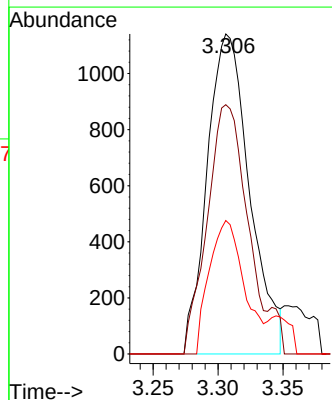
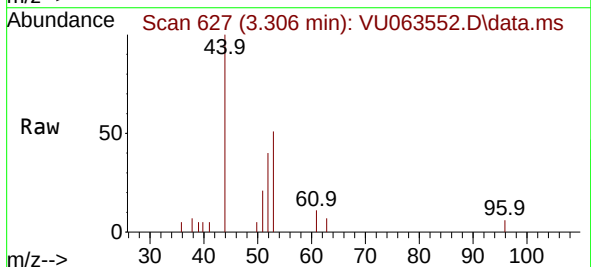
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

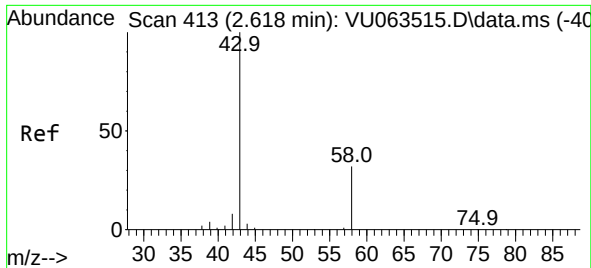
Tgt Ion: 41 Resp: 7228
 Ion Ratio Lower Upper
 41 100
 39 73.5 61.5 92.3



#12
 Acrylonitrile
 Concen: 1.888 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. -0.000 min
 Lab File: VU063552.D
 Acq: 21 Jul 2025 17:12

Tgt Ion: 53 Resp: 2590
 Ion Ratio Lower Upper
 53 100
 52 72.8 64.3 96.5
 51 34.4 27.8 41.8





#13

Acetone

Concen: 4.380 ug/l

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

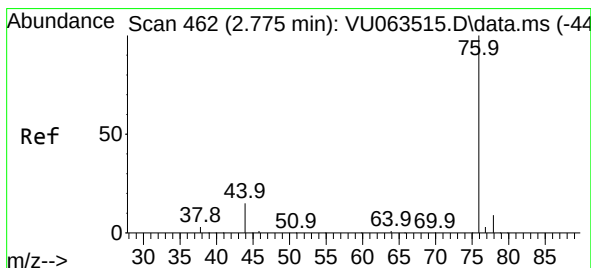
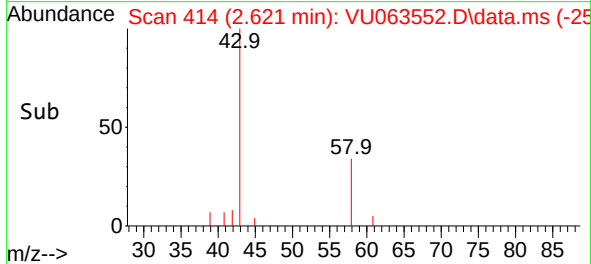
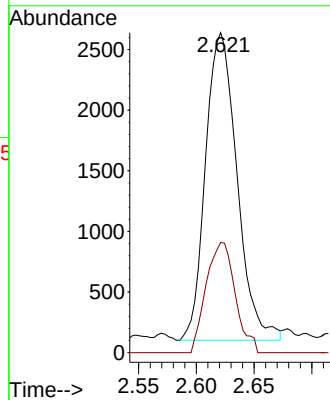
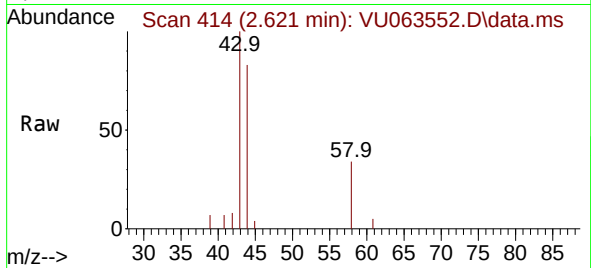
RL-CHECK

Tgt Ion: 43 Resp: 4814

Ion Ratio Lower Upper

43 100

58 35.8 25.4 38.0



#14

Carbon Disulfide

Concen: 0.650 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063552.D

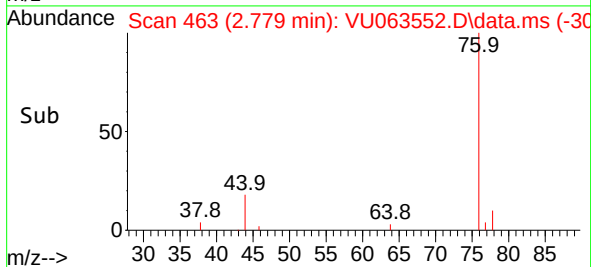
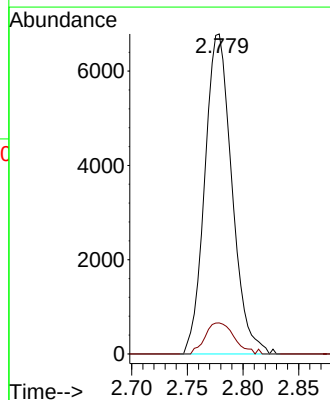
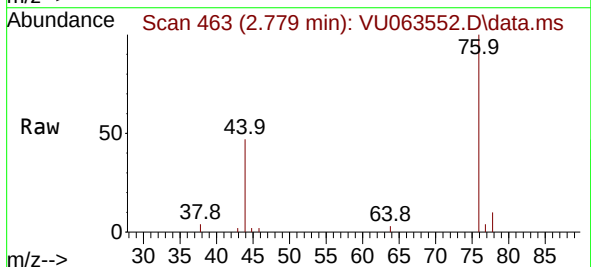
Acq: 21 Jul 2025 17:12

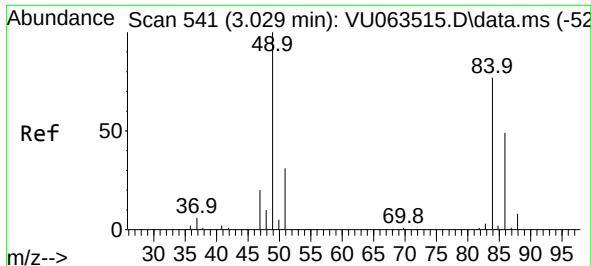
Tgt Ion: 76 Resp: 11508

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6

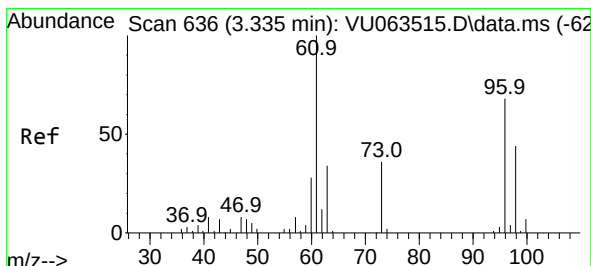
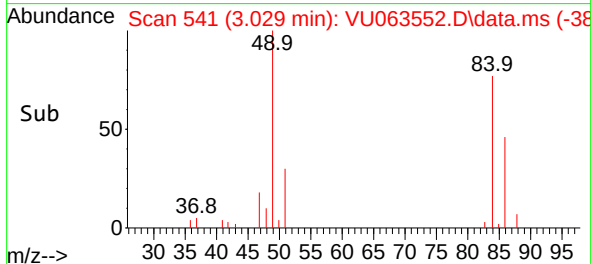
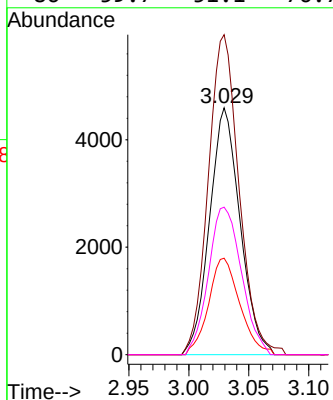
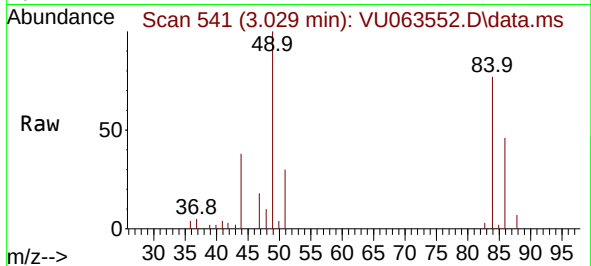




#15
Methylene Chloride
Concen: 1.259 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

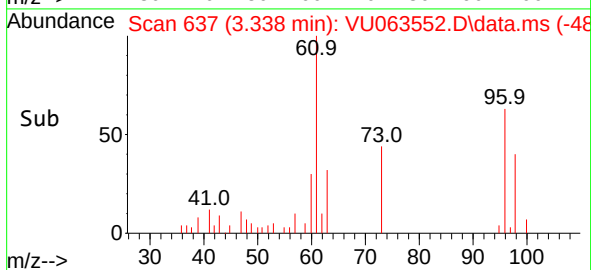
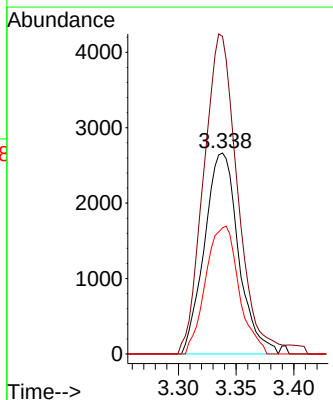
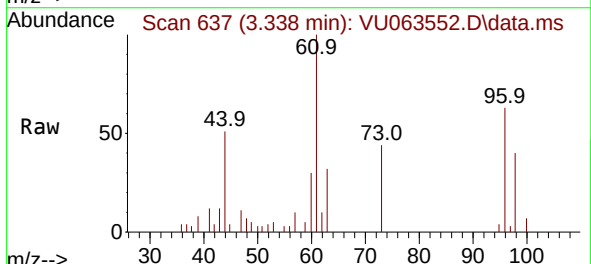
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

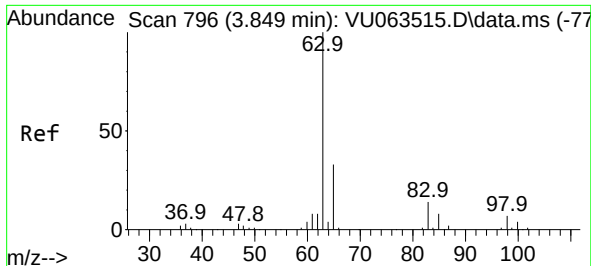
Tgt Ion:	84	Resp:	8132
Ion	Ratio	Lower	Upper
84	100		
49	129.6	103.8	155.8
51	39.1	0.0	80.4
86	59.7	51.1	76.7



#16
trans-1,2-Dichloroethene
Concen: 0.878 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion:	96	Resp:	5469
Ion	Ratio	Lower	Upper
96	100		
61	158.1	117.2	175.8
98	62.8	51.4	77.2





#17

1,1-Dichloroethane

Concen: 0.968 ug/l

RT: 3.846 min Scan# 796

Delta R.T. -0.003 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

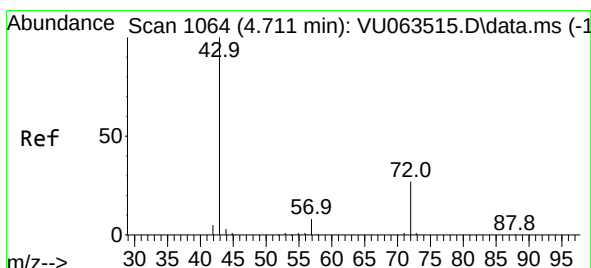
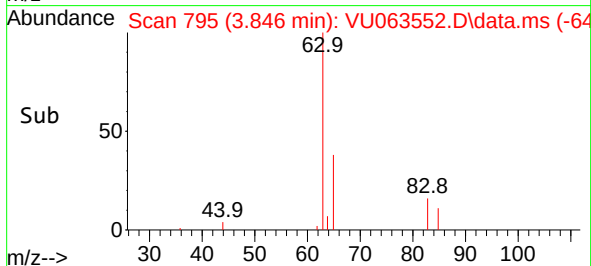
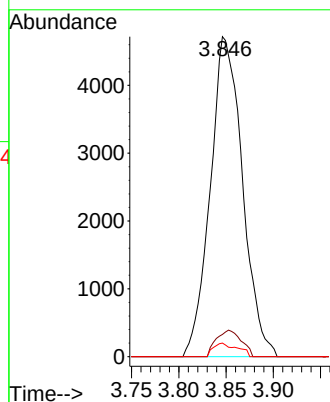
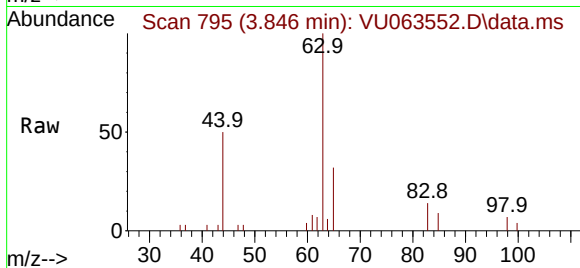
Tgt Ion: 63 Resp: 11181

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.2 2.1 6.2



#18

2-Butanone

Concen: 4.653 ug/l

RT: 4.717 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VU063552.D

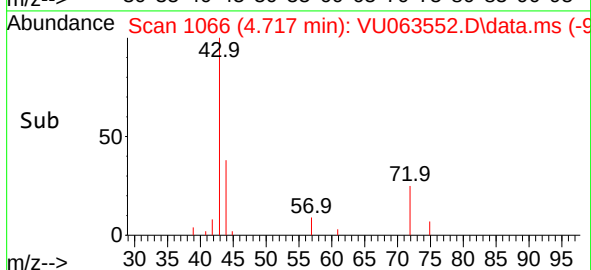
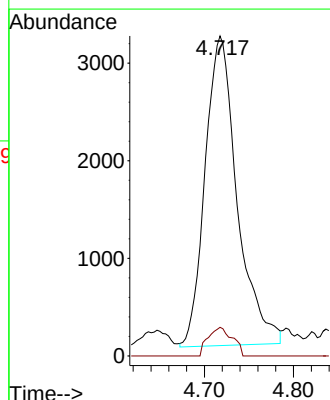
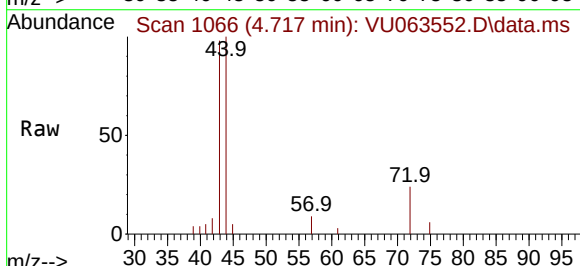
Acq: 21 Jul 2025 17:12

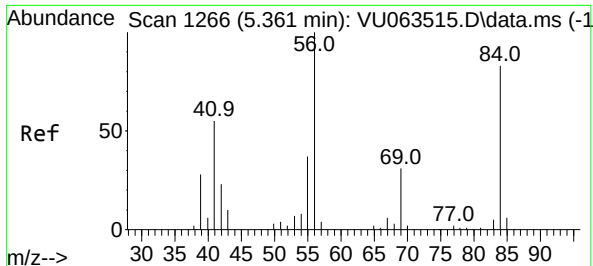
Tgt Ion: 43 Resp: 7920

Ion Ratio Lower Upper

43 100

57 9.3 0.0 16.4





#19

Cyclohexane

Concen: 0.939 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

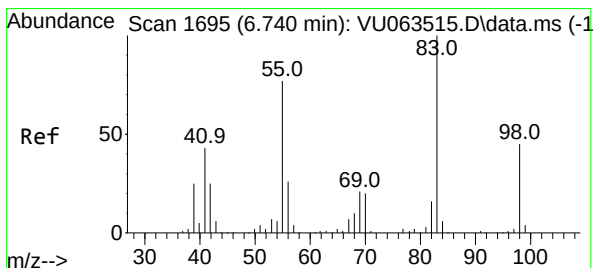
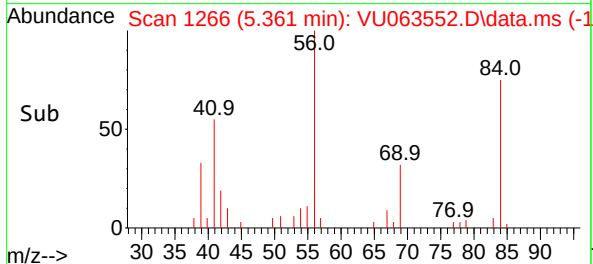
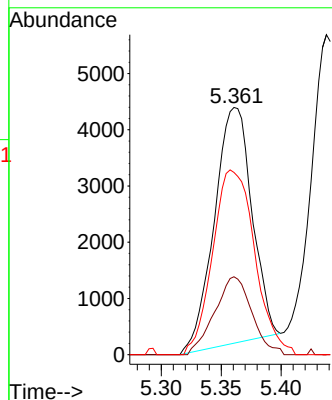
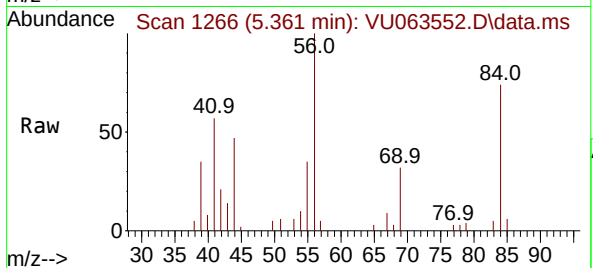
Tgt Ion: 56 Resp: 9181

Ion Ratio Lower Upper

56 100

69 32.5 26.6 39.8

84 87.4 71.0 106.4



#20

Methylcyclohexane

Concen: 0.799 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

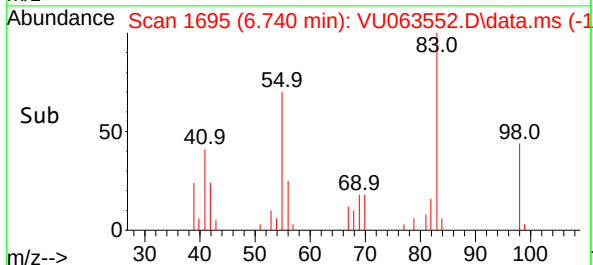
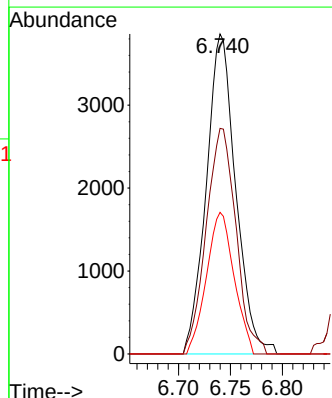
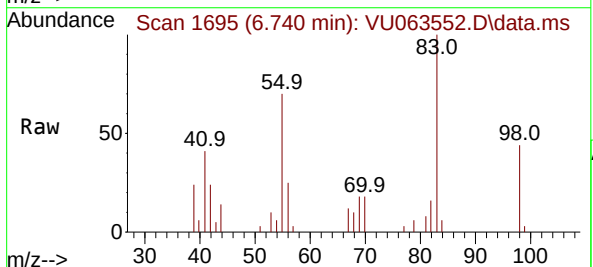
Tgt Ion: 83 Resp: 7593

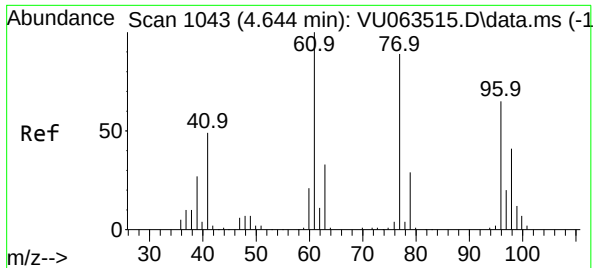
Ion Ratio Lower Upper

83 100

55 71.5 60.6 90.8

98 41.5 35.8 53.8

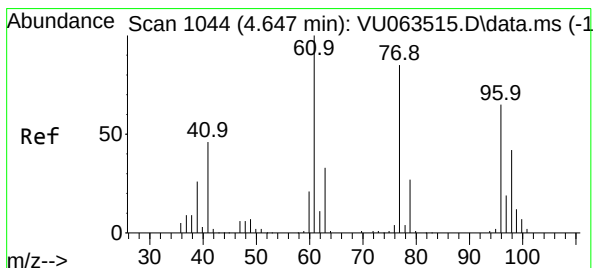
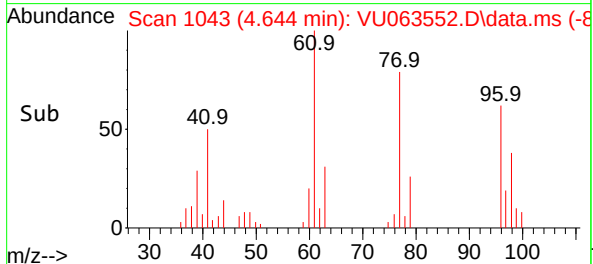
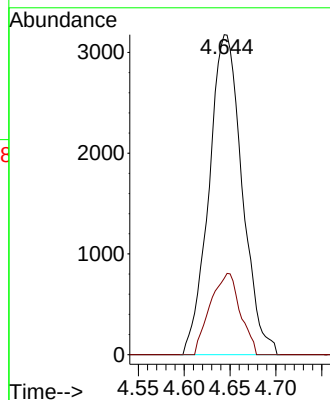
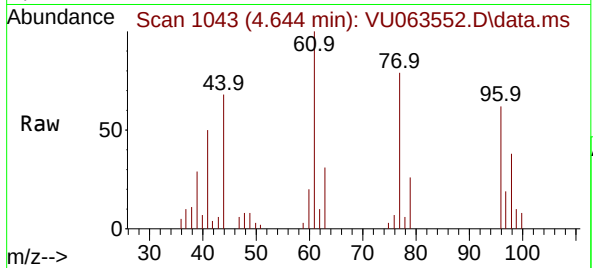




#21
2,2-Dichloropropane
Concen: 0.813 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

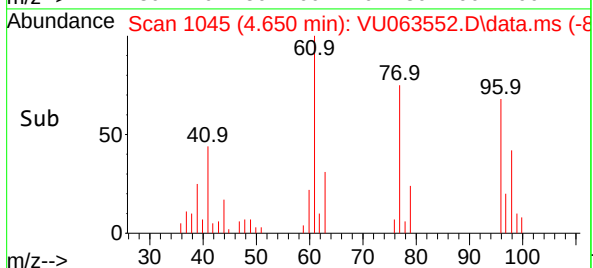
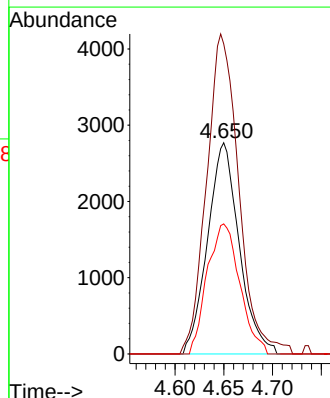
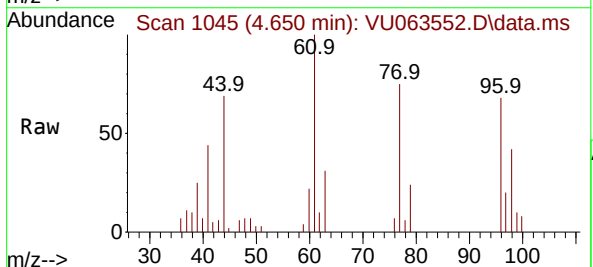
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

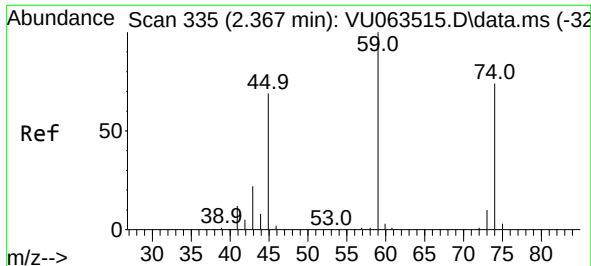
Tgt Ion: 77 Resp: 7991
Ion Ratio Lower Upper
77 100
97 22.9 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.924 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion: 96 Resp: 6246
Ion Ratio Lower Upper
96 100
61 154.2 0.0 384.7
98 63.4 32.1 96.3





#23

Diethyl Ether

Concen: 0.916 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

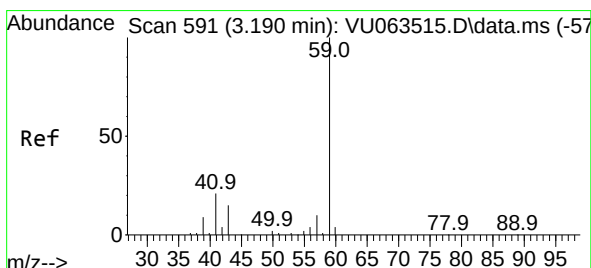
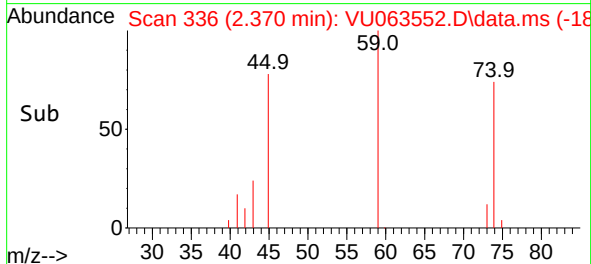
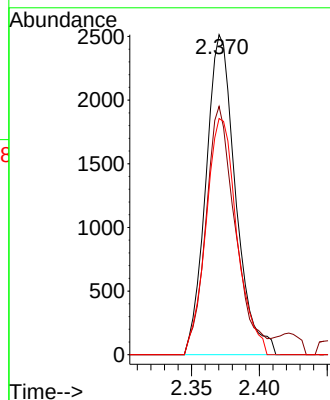
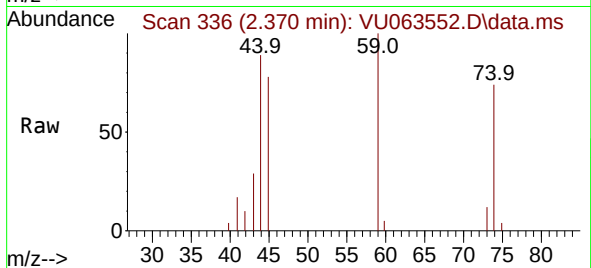
Tgt Ion: 59 Resp: 3829

Ion Ratio Lower Upper

59 100

45 77.4 55.1 82.7

74 76.8 58.2 87.4



#24

tert-Butyl Alcohol

Concen: 12.489 ug/l

RT: 3.190 min Scan# 591

Delta R.T. 0.000 min

Lab File: VU063552.D

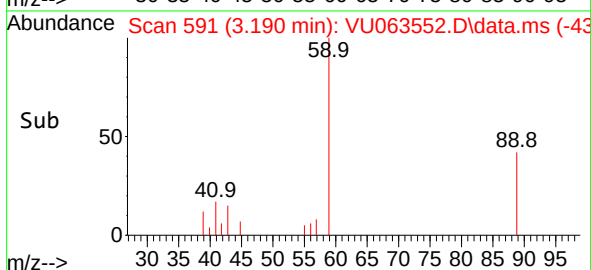
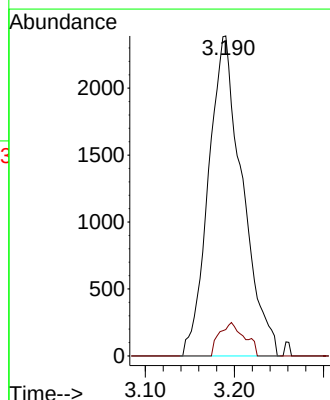
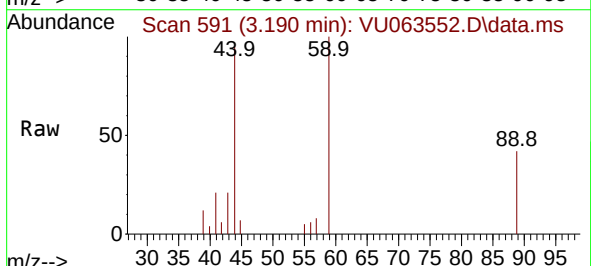
Acq: 21 Jul 2025 17:12

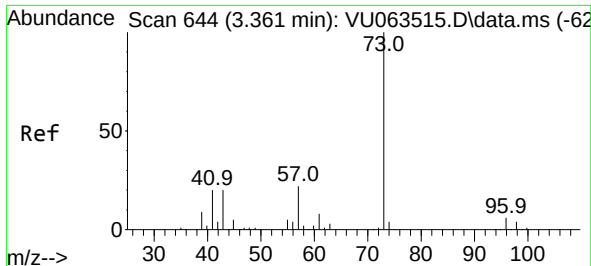
Tgt Ion: 59 Resp: 6301

Ion Ratio Lower Upper

59 100

57 7.7 8.6 12.8#

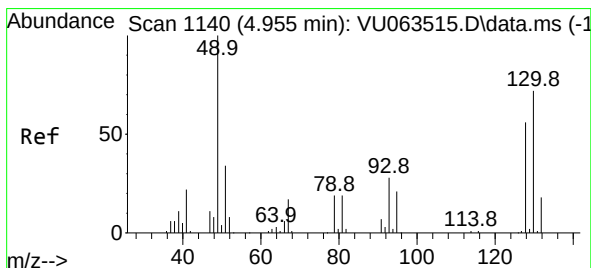
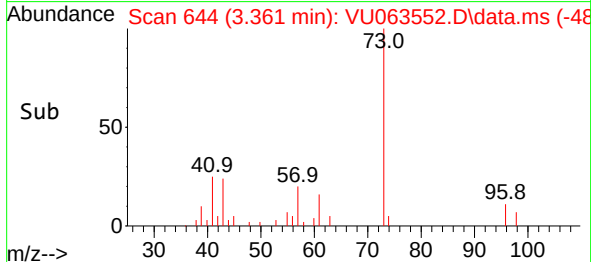
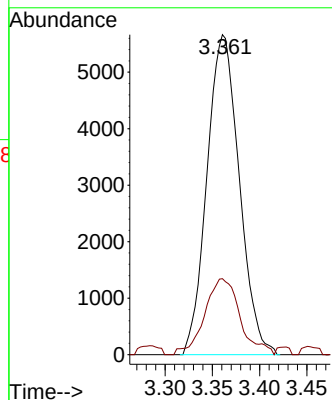
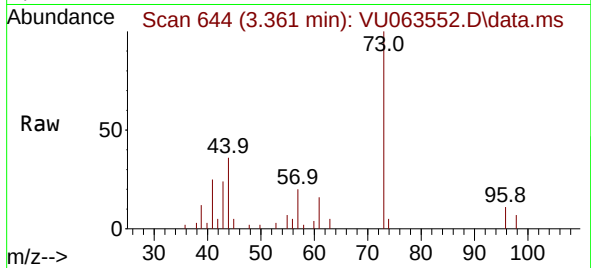




#25
Methyl tert-Butyl Ether
Concen: 0.941 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

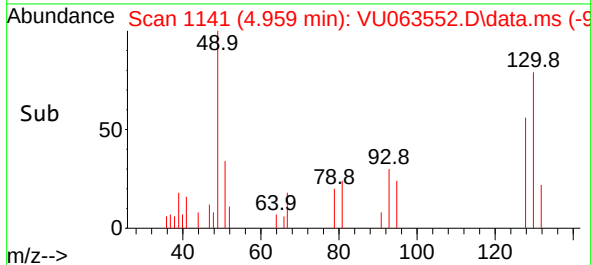
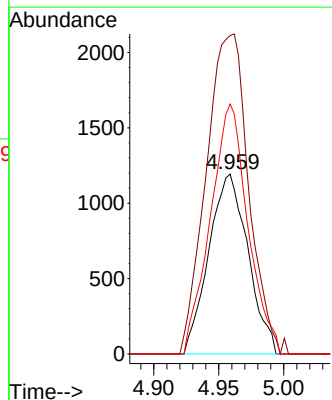
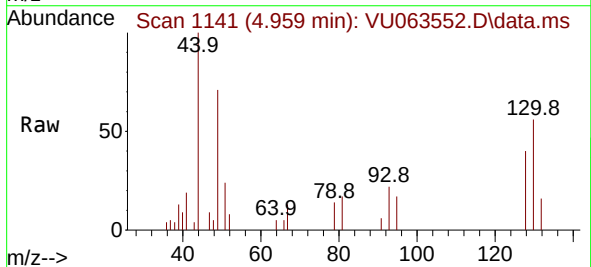
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

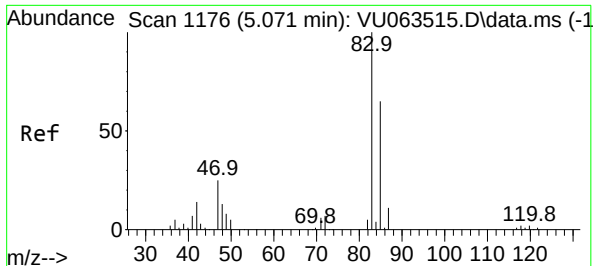
Tgt Ion: 73 Resp: 13469
Ion Ratio Lower Upper
73 100
43 25.9 16.2 24.2#



#26
Bromochloromethane
Concen: 0.886 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion: 128 Resp: 2501
Ion Ratio Lower Upper
128 100
49 193.0 0.0 340.8
130 133.3 100.5 150.7





#27

Chloroform

Concen: 0.939 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

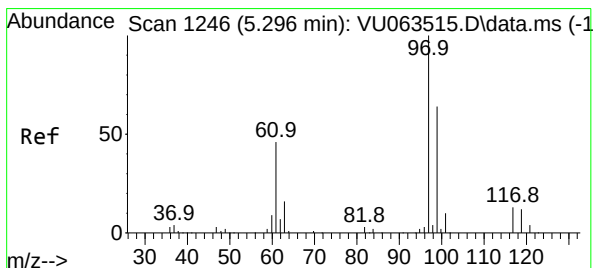
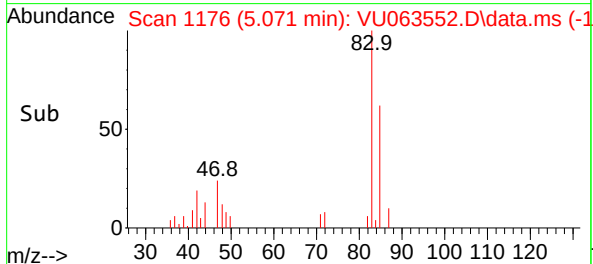
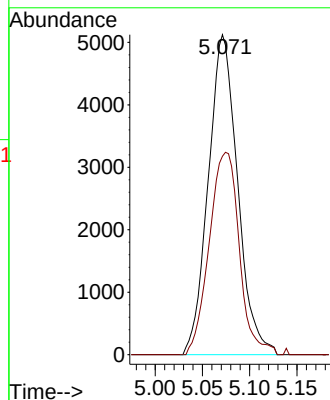
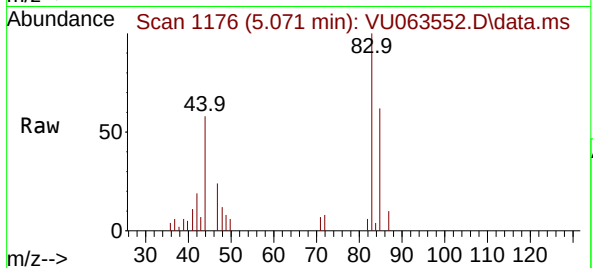
RL-CHECK

Tgt Ion: 83 Resp: 11061

Ion Ratio Lower Upper

83 100

85 62.0 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 0.865 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

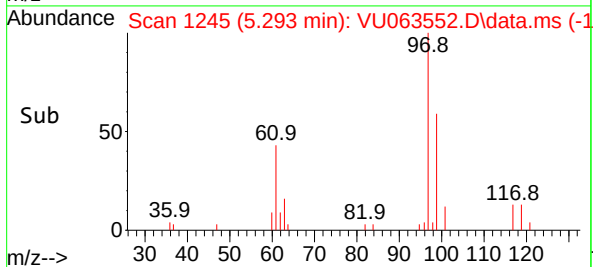
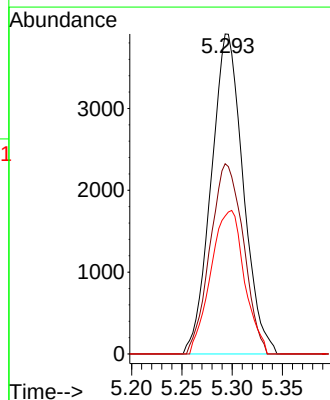
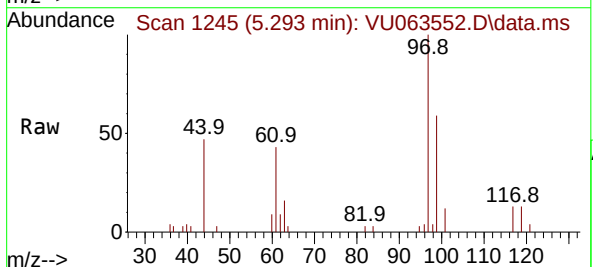
Tgt Ion: 97 Resp: 8653

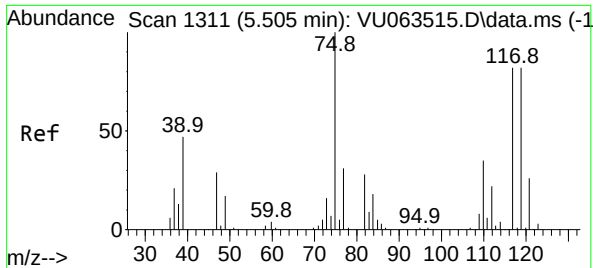
Ion Ratio Lower Upper

97 100

99 61.7 31.8 95.3

61 47.1 23.3 69.9

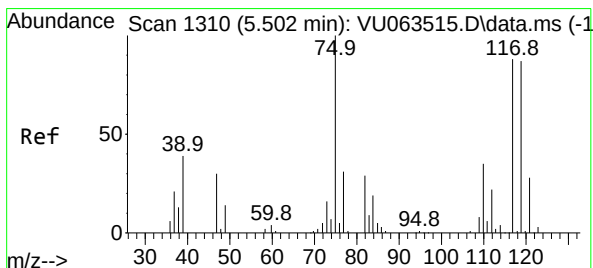
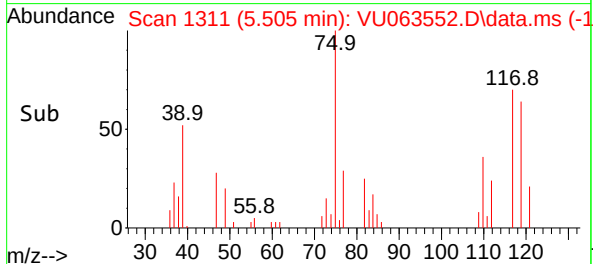
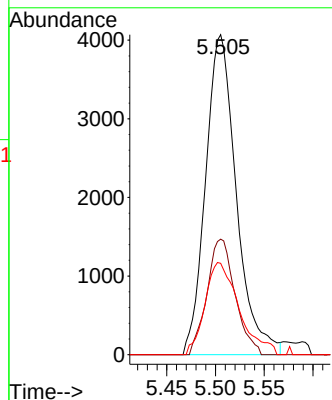
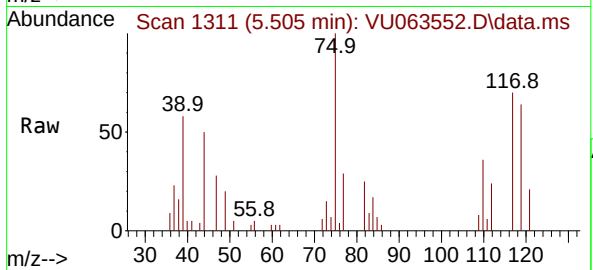




#29
1,1-Dichloropropene
Concen: 0.964 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

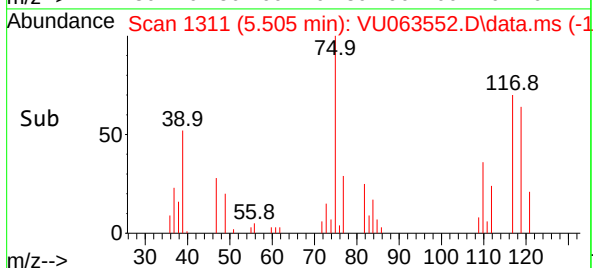
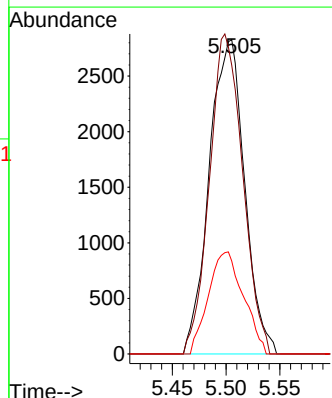
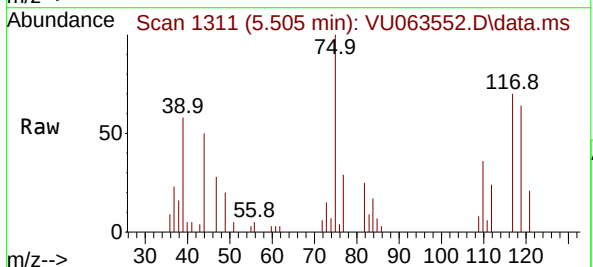
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

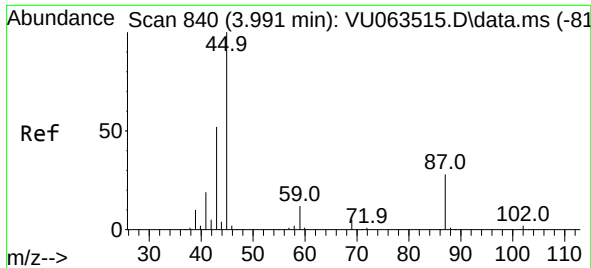
Tgt Ion: 75 Resp: 8934
Ion Ratio Lower Upper
75 100
110 32.9 17.8 53.4
77 31.9 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.803 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion: 117 Resp: 6460
Ion Ratio Lower Upper
117 100
119 91.9 79.2 118.8
121 29.6 25.5 38.3

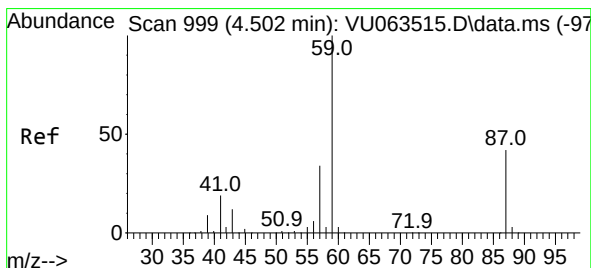
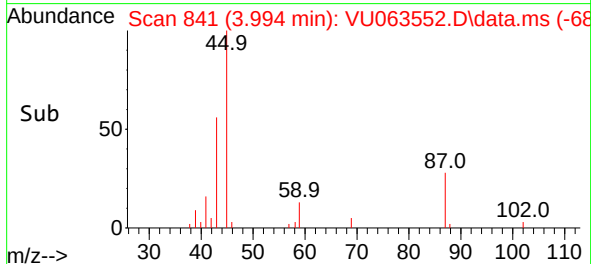
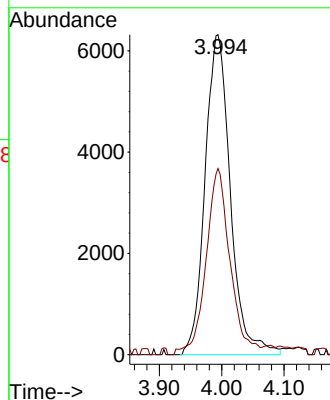
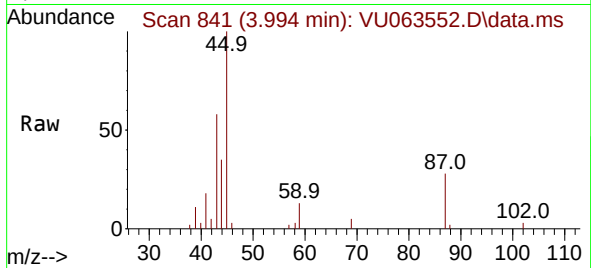




#31
Isopropyl Ether
Concen: 1.023 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

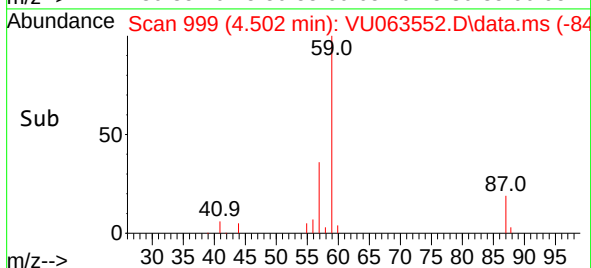
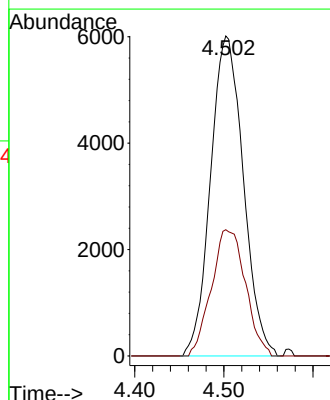
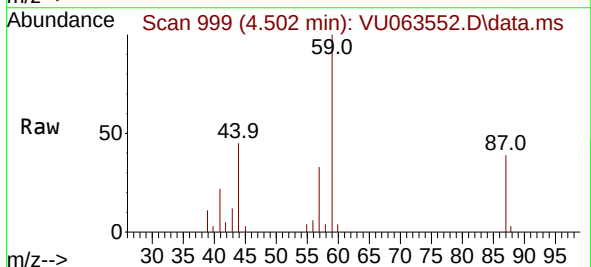
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

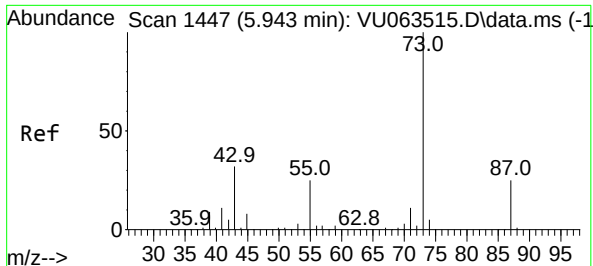
Tgt Ion: 45 Resp: 17837
Ion Ratio Lower Upper
45 100
43 55.2 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 0.953 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion: 59 Resp: 15372
Ion Ratio Lower Upper
59 100
87 41.0 32.6 49.0

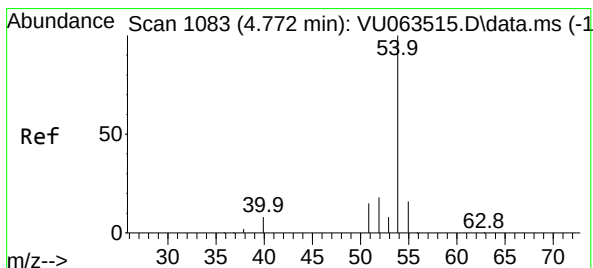
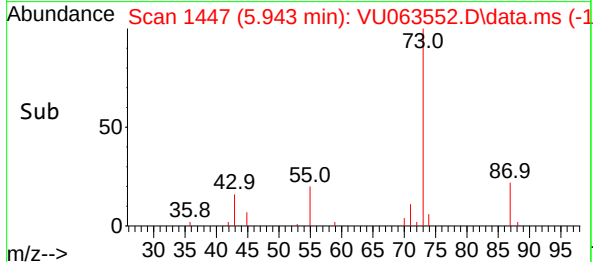
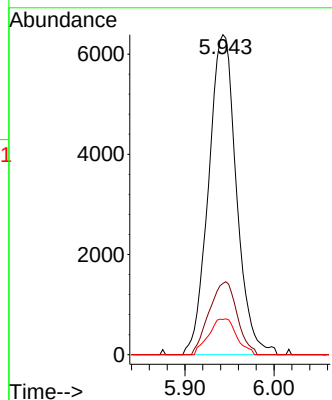
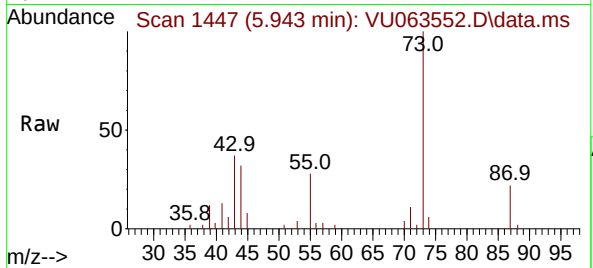




#33
Tert-Amyl methyl ether
Concen: 0.992 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

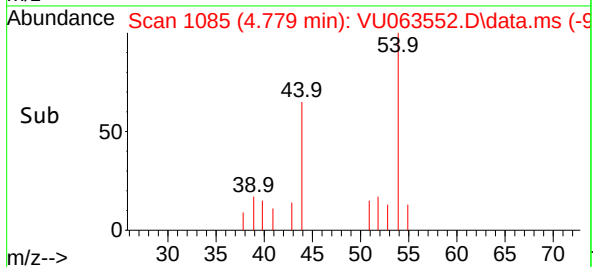
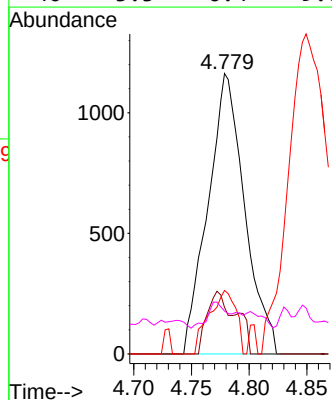
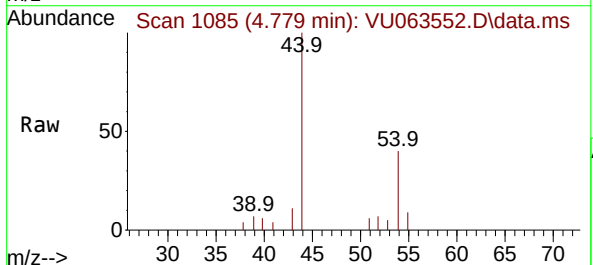
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

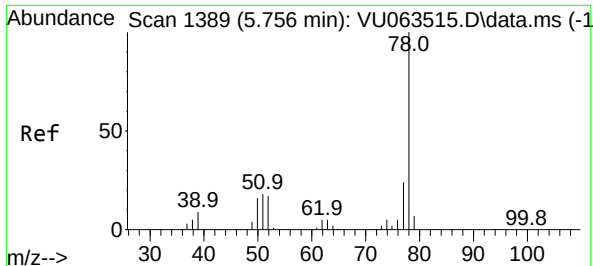
Tgt Ion: 73	Resp: 13882
Ion Ratio	Lower Upper
73	100
87	22.9 19.4 29.2
71	11.2 8.9 13.3



#34
Propionitrile
Concen: 4.944 ug/l
RT: 4.779 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion: 54	Resp: 2564
Ion Ratio	Lower Upper
54	100
52	12.8 17.0 25.4#
55	16.7 13.6 20.4
40	3.3 6.4 9.6#

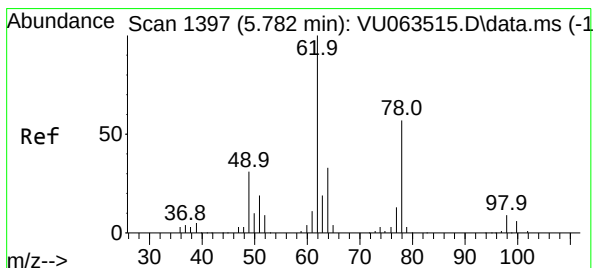
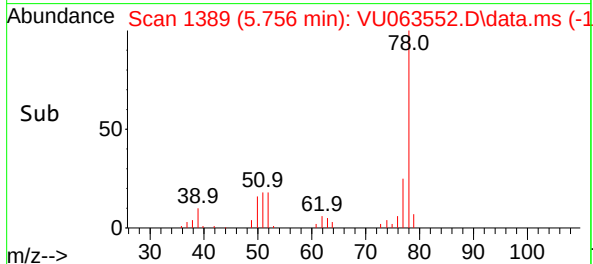
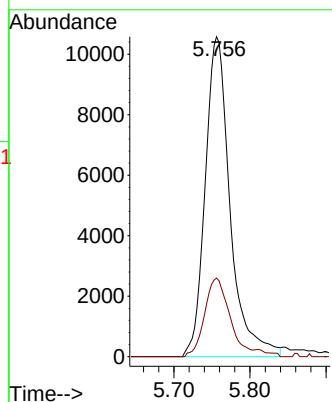
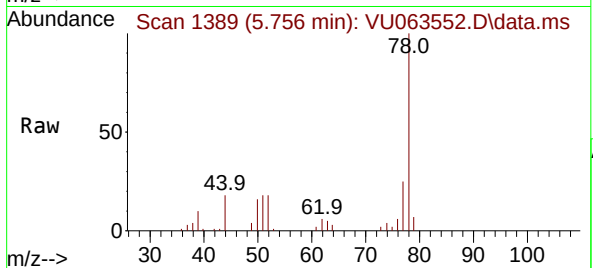




#35
Benzene
Concen: 0.968 ug/l
RT: 5.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

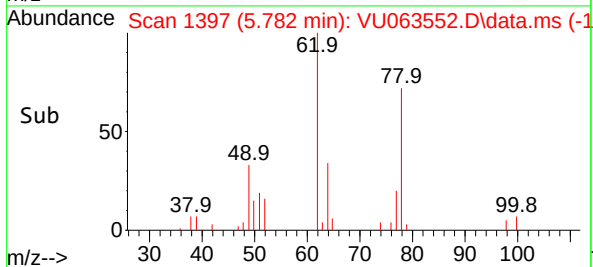
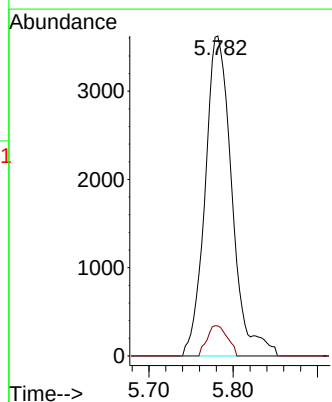
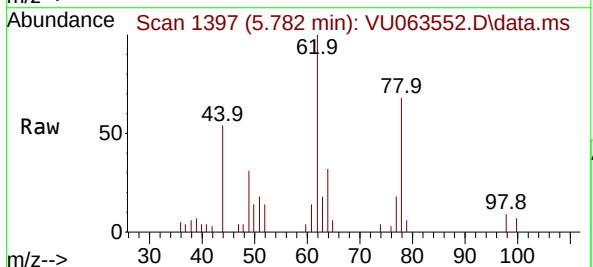
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

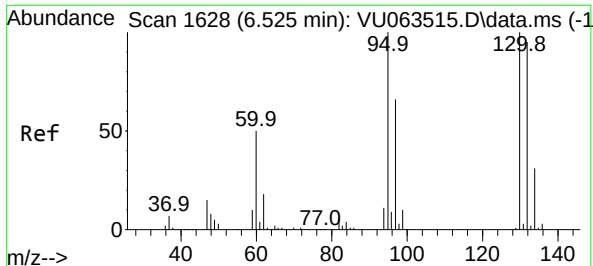
Tgt Ion: 78 Resp: 24093
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.2



#36
1,2-Dichloroethane
Concen: 1.035 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion: 62 Resp: 8001
Ion Ratio Lower Upper
62 100
98 7.2 6.4 9.6





#37

Trichloroethene

Concen: 0.762 ug/l

RT: 6.528 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

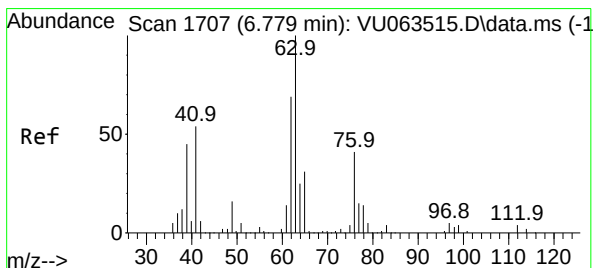
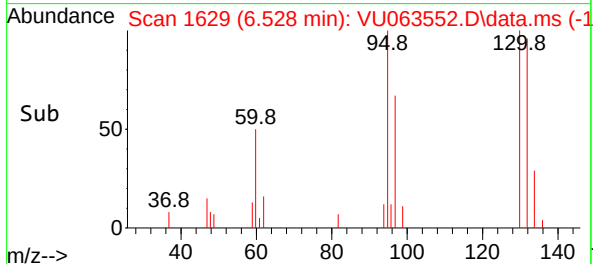
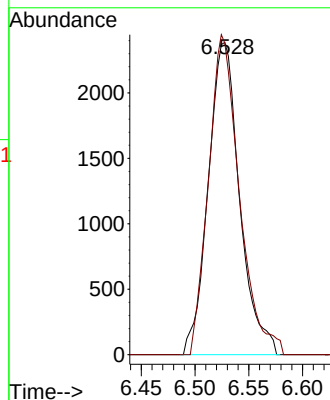
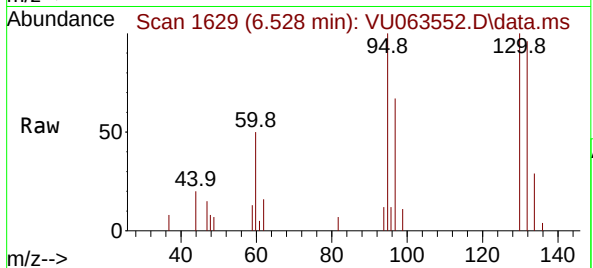
RL-CHECK

Tgt Ion:130 Resp: 4840

Ion Ratio Lower Upper

130 100

95 99.7 80.3 120.5



#38

1,2-Dichloropropane

Concen: 0.788 ug/l

RT: 6.778 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU063552.D

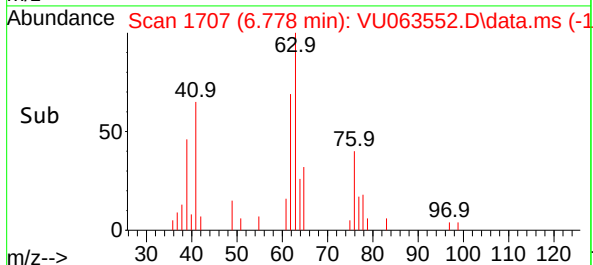
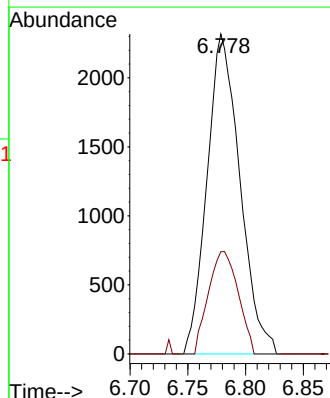
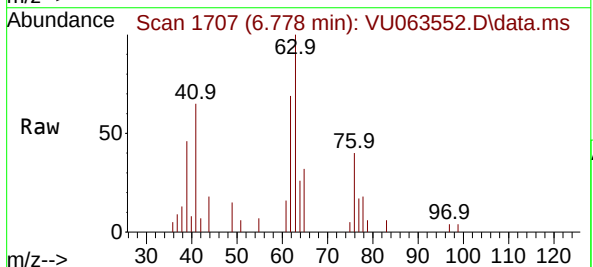
Acq: 21 Jul 2025 17:12

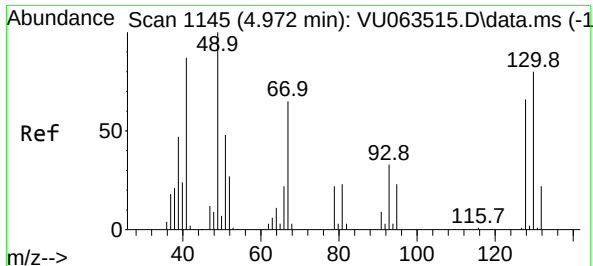
Tgt Ion: 63 Resp: 4588

Ion Ratio Lower Upper

63 100

65 31.9 24.6 36.8





#39

Methacrylonitrile

Concen: 0.759 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. -0.003 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 41 Resp: 1749

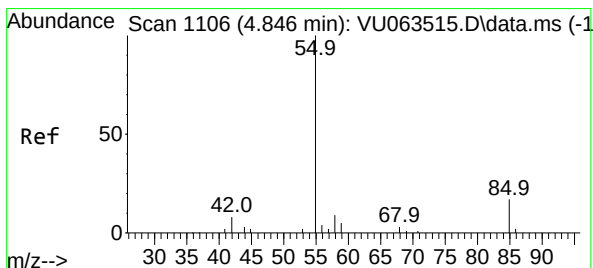
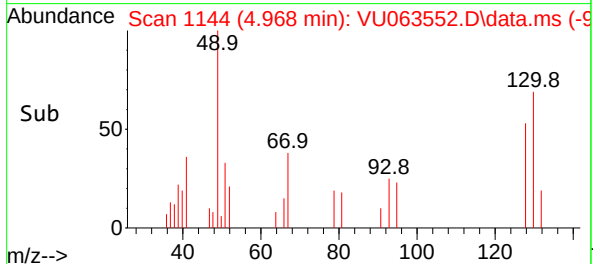
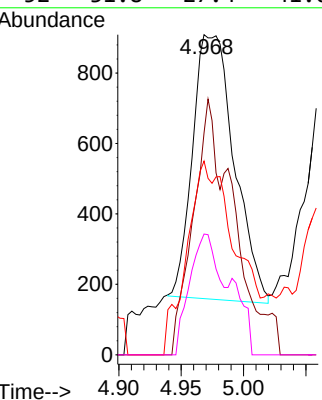
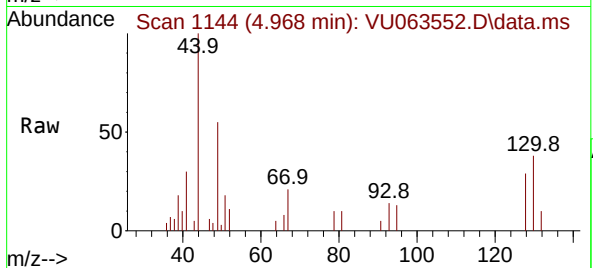
Ion Ratio Lower Upper

41 100

67 56.5 62.7 94.1#

39 88.2 43.1 64.7#

52 31.8 27.4 41.0



#40

Methyl acrylate

Concen: 1.098 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Tgt Ion: 55 Resp: 3701

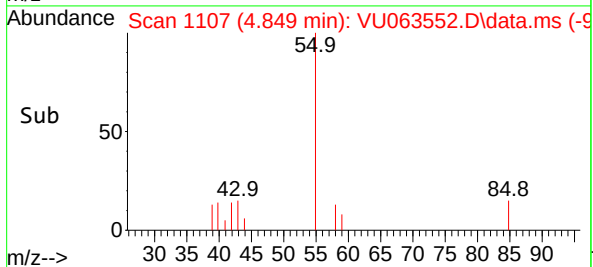
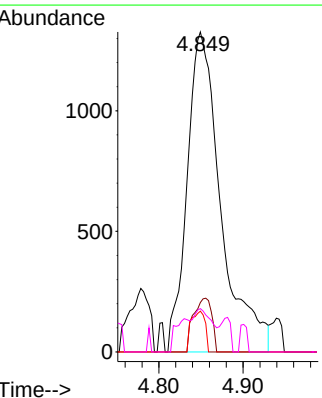
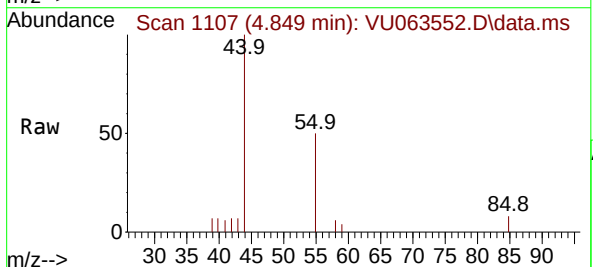
Ion Ratio Lower Upper

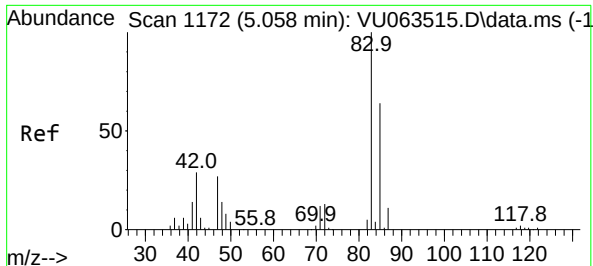
55 100

85 9.1 12.8 19.2#

58 5.3 7.0 10.4#

42 6.9 7.0 10.4#





#41

Tetrahydrofuran

Concen: 2.146 ug/l

RT: 5.068 min Scan# 1172

Delta R.T. 0.010 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

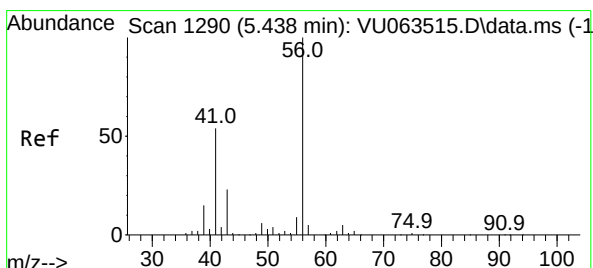
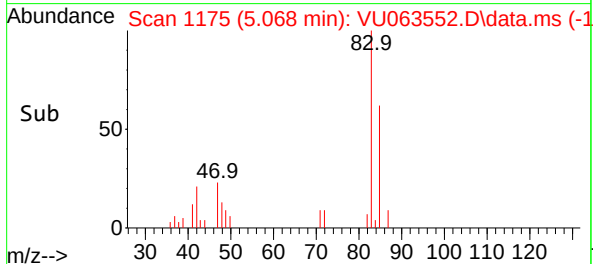
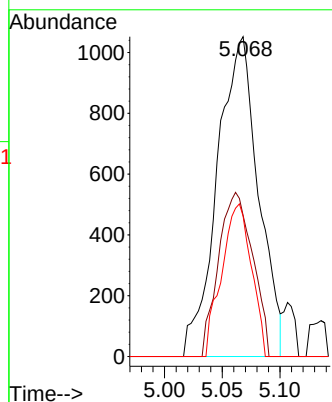
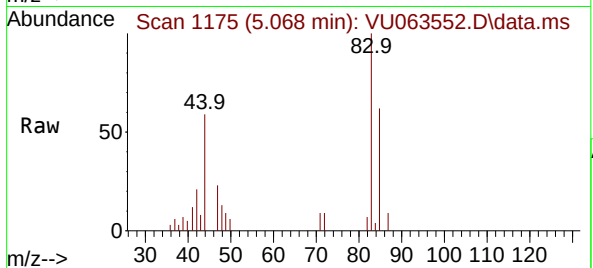
Tgt Ion: 42 Resp: 2602

Ion Ratio Lower Upper

42 100

72 42.6 39.2 58.8

71 34.4 34.8 52.2#



#42

1-Chlorobutane

Concen: 0.947 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VU063552.D

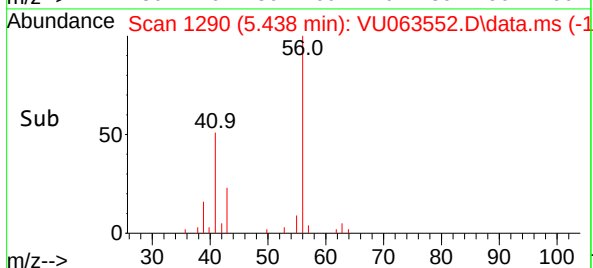
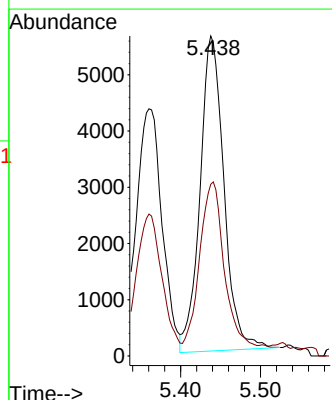
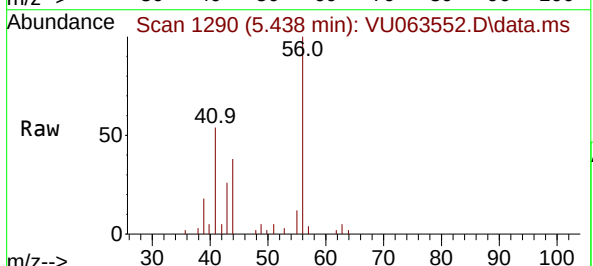
Acq: 21 Jul 2025 17:12

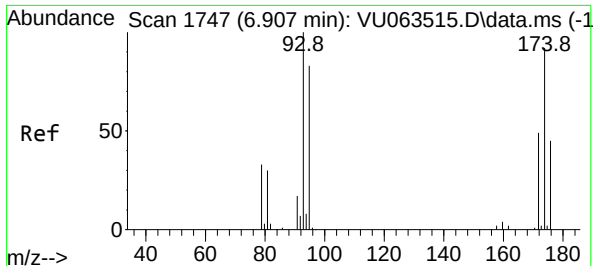
Tgt Ion: 56 Resp: 11659

Ion Ratio Lower Upper

56 100

41 53.0 26.7 80.0

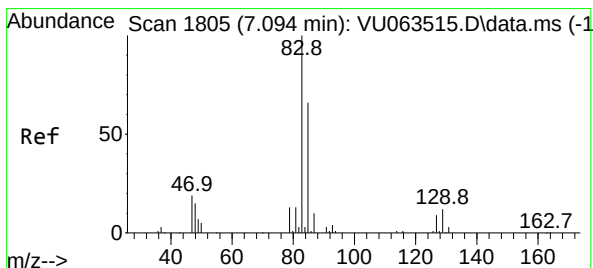
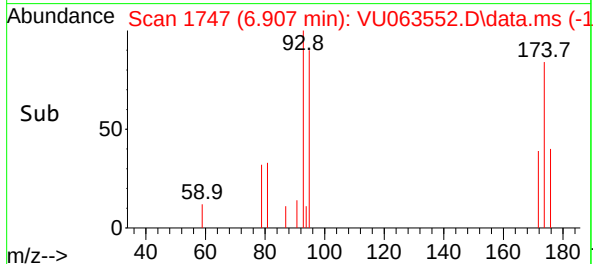
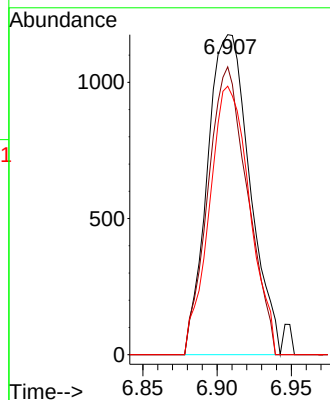
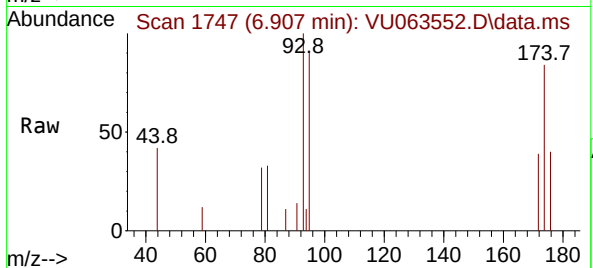




#43
Dibromomethane
Concen: 0.776 ug/l
RT: 6.907 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

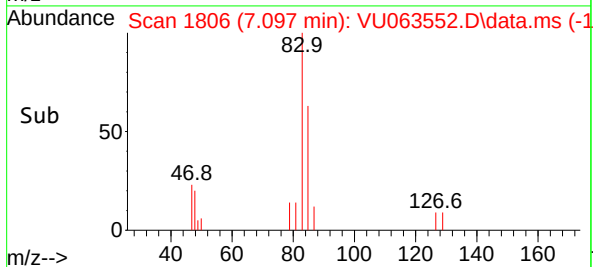
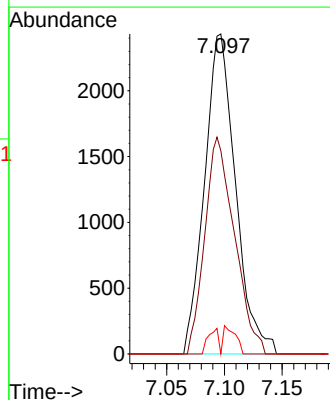
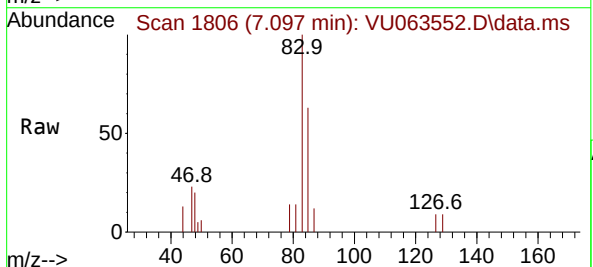
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

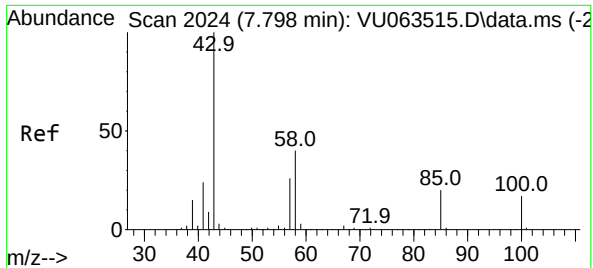
Tgt Ion: 93 Resp: 2343
Ion Ratio Lower Upper
93 100
95 84.0 67.9 101.9
174 79.6 74.6 111.8



#44
Bromodichloromethane
Concen: 0.667 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion: 83 Resp: 4541
Ion Ratio Lower Upper
83 100
85 63.5 52.7 79.1
127 0.0 8.1 12.1#

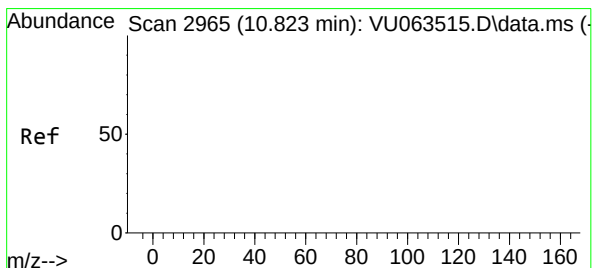
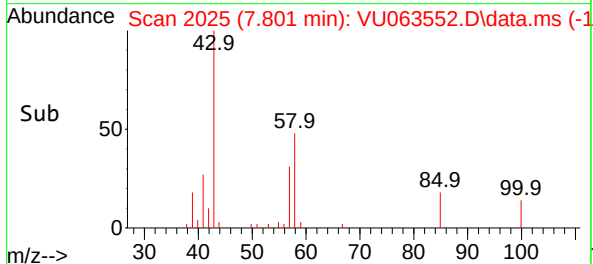
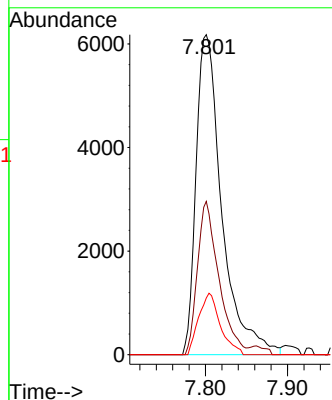
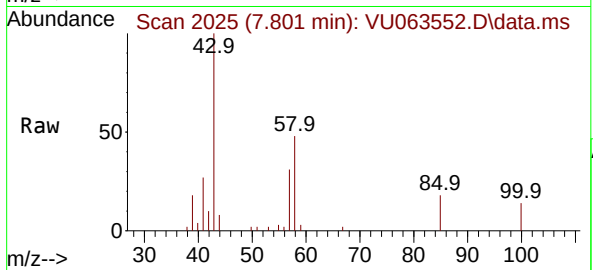




#45
4-Methyl-2-Pentanone
Concen: 4.334 ug/l
RT: 7.801 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

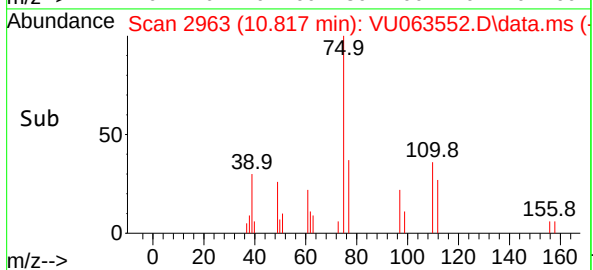
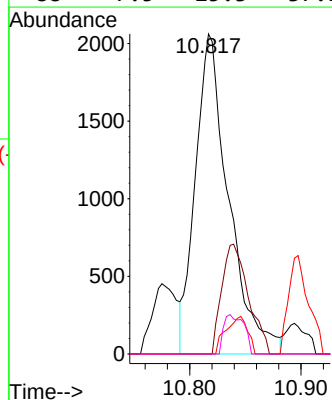
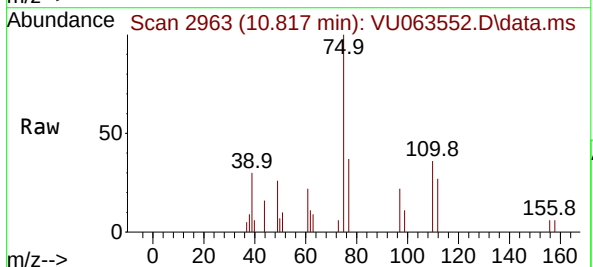
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

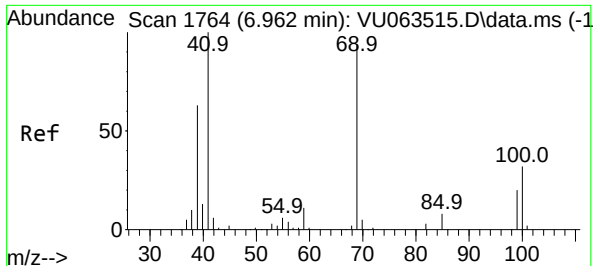
Tgt Ion: 43 Resp: 13478
Ion Ratio Lower Upper
43 100
58 39.8 20.0 60.0
85 16.1 15.4 23.0



#46
t-1,4-Dichloro-2-butene
Concen: 3.659 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.006 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion: 75 Resp: 4272
Ion Ratio Lower Upper
75 100
53 27.5 48.4 72.6#
89 7.7 30.6 45.8#
88 7.5 25.3 37.9#





#47

Methyl methacrylate

Concen: 1.560 ug/l

RT: 6.968 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 69 Resp: 3954

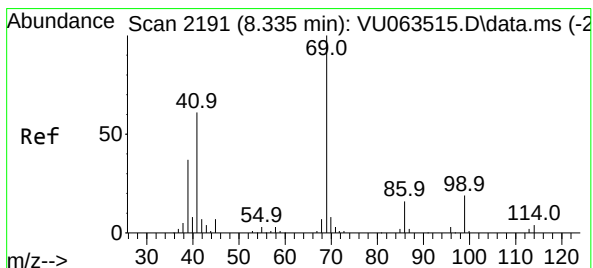
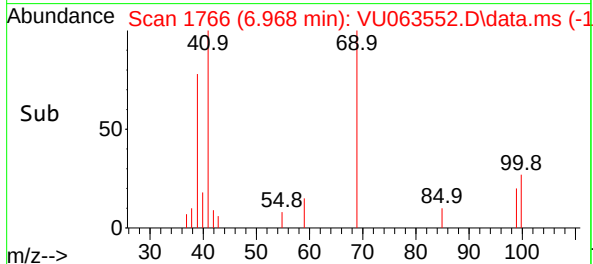
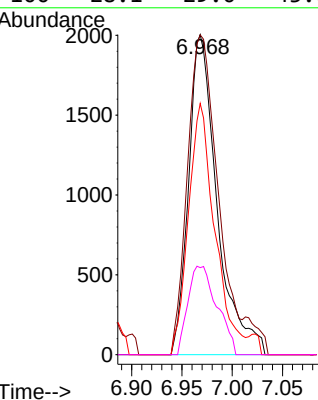
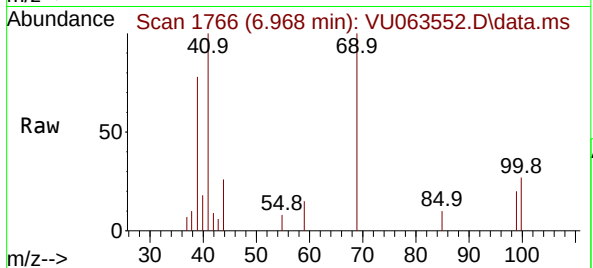
Ion Ratio Lower Upper

69 100

41 106.1 0.0 224.0

39 72.9 55.3 82.9

100 28.1 29.0 43.6#



#48

Ethyl methacrylate

Concen: 0.765 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.003 min

Lab File: VU063552.D

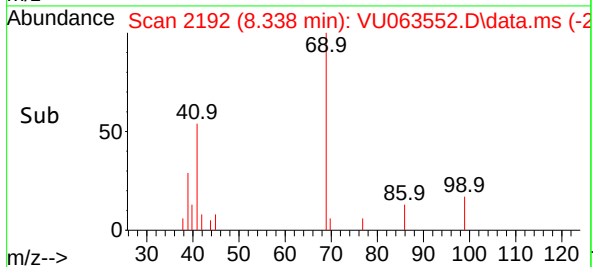
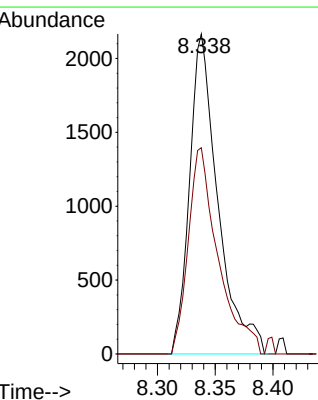
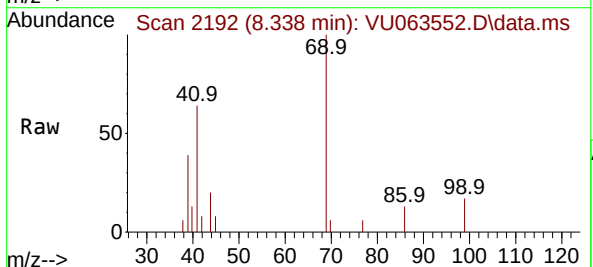
Acq: 21 Jul 2025 17:12

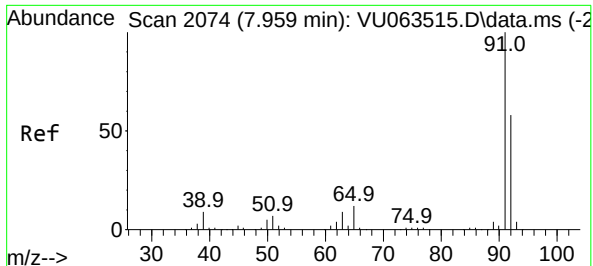
Tgt Ion: 69 Resp: 3702

Ion Ratio Lower Upper

69 100

41 67.7 30.8 92.4





#49

Toluene

Concen: 0.795 ug/l

RT: 7.958 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

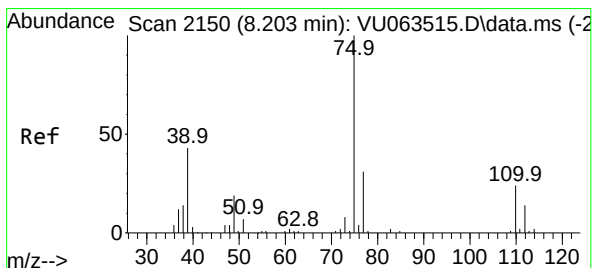
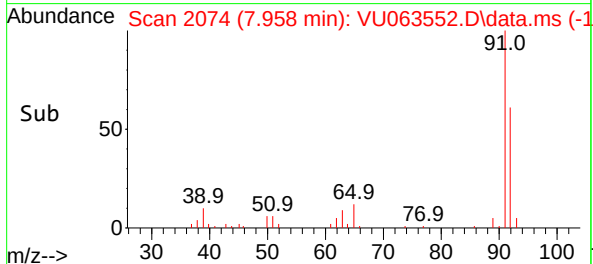
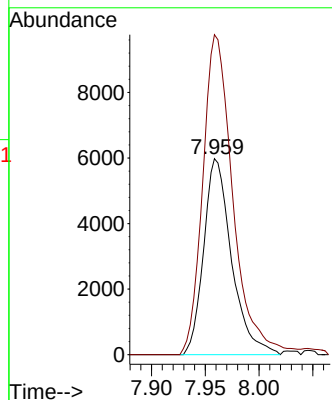
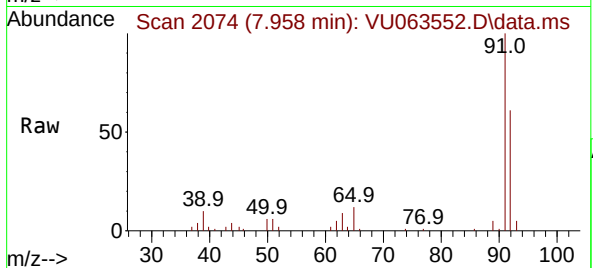
RL-CHECK

Tgt Ion: 92 Resp: 10802

Ion Ratio Lower Upper

92 100

91 176.6 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 0.541 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063552.D

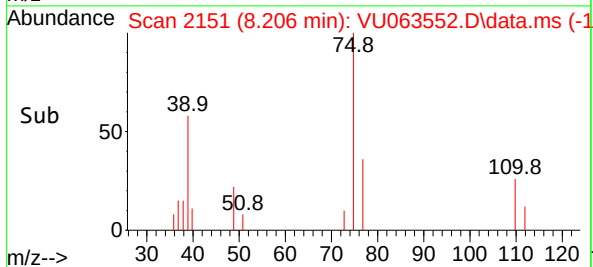
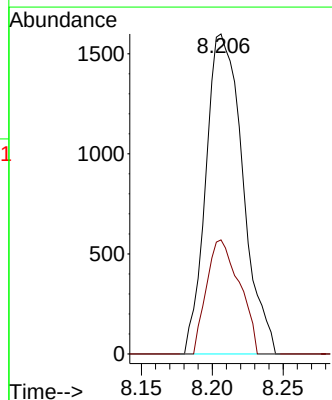
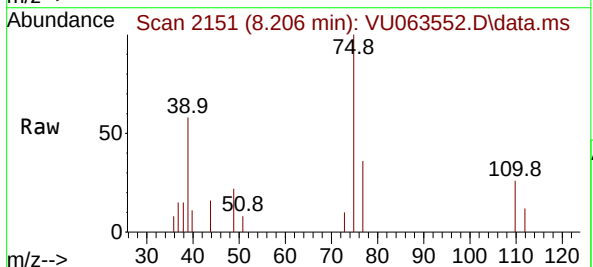
Acq: 21 Jul 2025 17:12

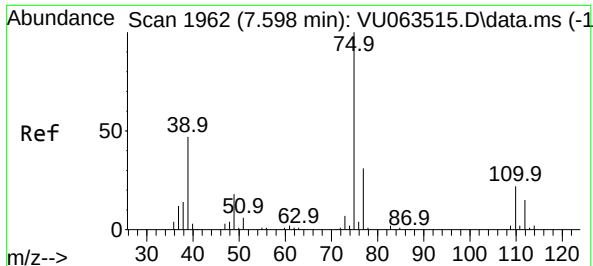
Tgt Ion: 75 Resp: 2889

Ion Ratio Lower Upper

75 100

77 35.6 24.9 37.3

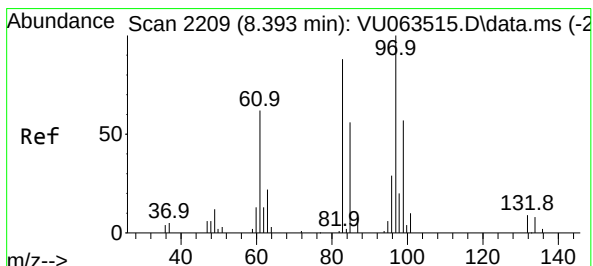
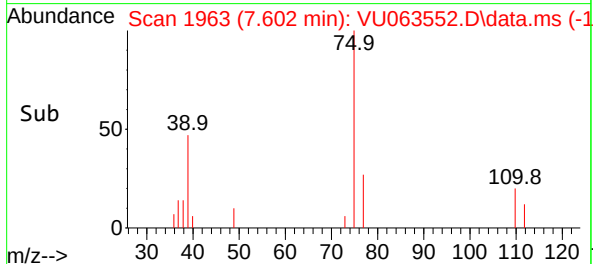
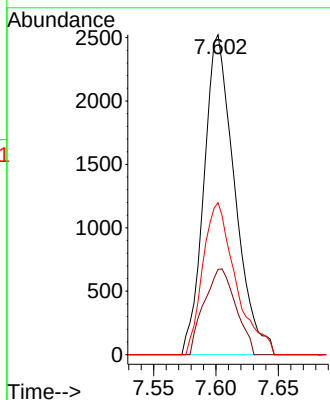
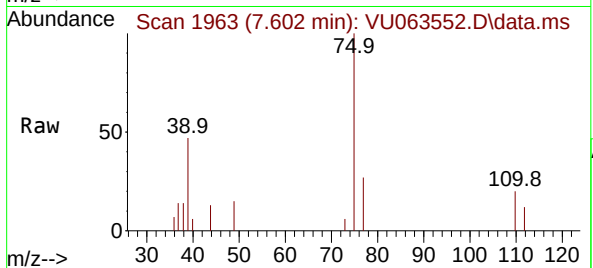




#51
 cis-1,3-Dichloropropene
 Concen: 0.604 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU063552.D
 Acq: 21 Jul 2025 17:12

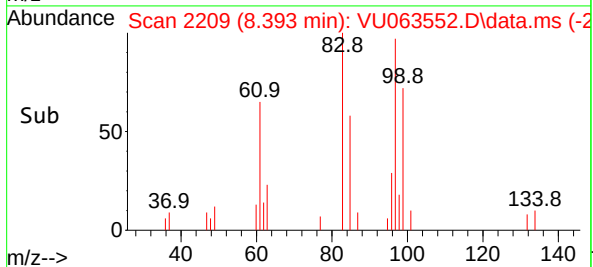
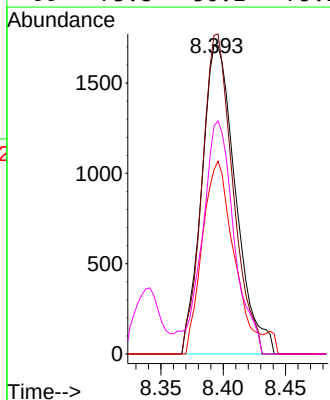
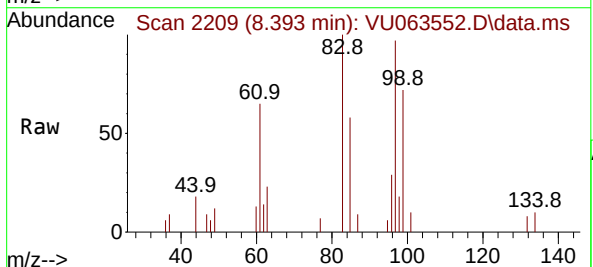
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

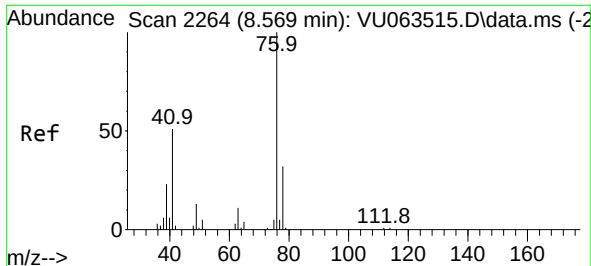
Tgt Ion:	75	Resp:	4325
Ion	Ratio	Lower	Upper
75	100		
77	26.6	25.1	37.7
39	47.5	37.8	56.6



#52
 1,1,2-Trichloroethane
 Concen: 0.797 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063552.D
 Acq: 21 Jul 2025 17:12

Tgt Ion:	97	Resp:	3237
Ion	Ratio	Lower	Upper
97	100		
83	103.2	70.2	105.2
85	59.7	45.2	67.8
99	73.8	50.1	75.1





#53

1,3-Dichloropropane

Concen: 0.812 ug/l

RT: 8.569 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

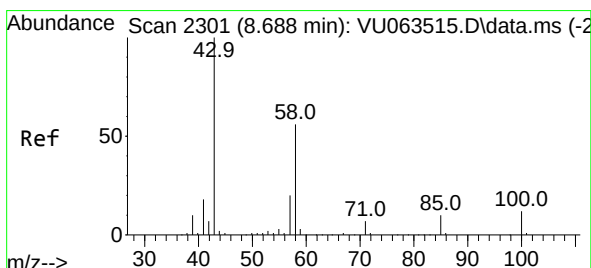
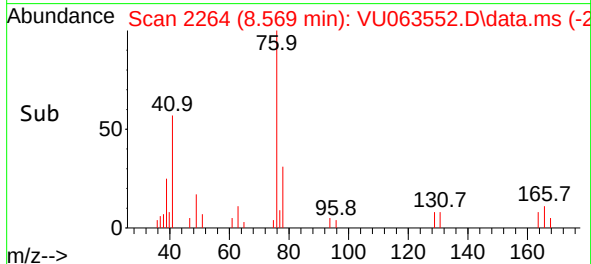
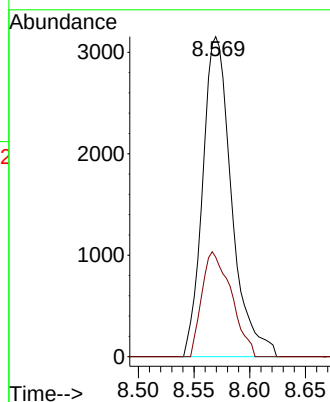
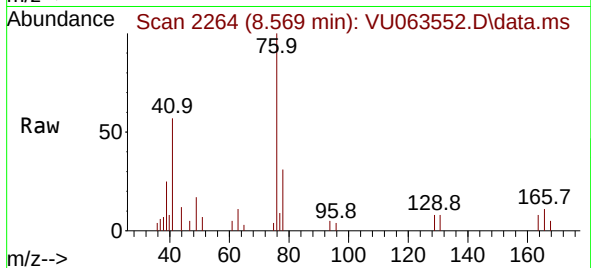
RL-CHECK

Tgt Ion: 76 Resp: 5698

Ion Ratio Lower Upper

76 100

78 33.3 26.0 39.0



#54

2-Hexanone

Concen: 4.040 ug/l

RT: 8.698 min Scan# 2304

Delta R.T. 0.010 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

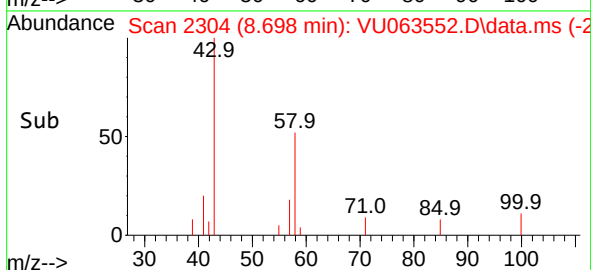
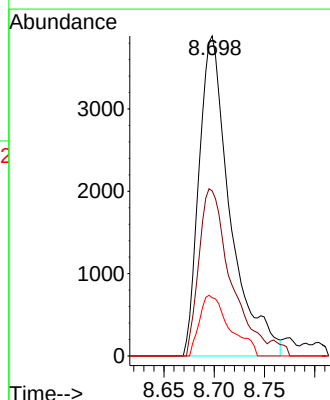
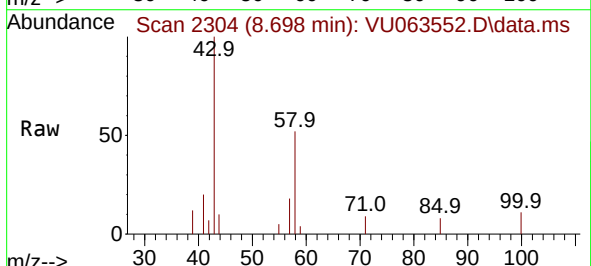
Tgt Ion: 43 Resp: 8345

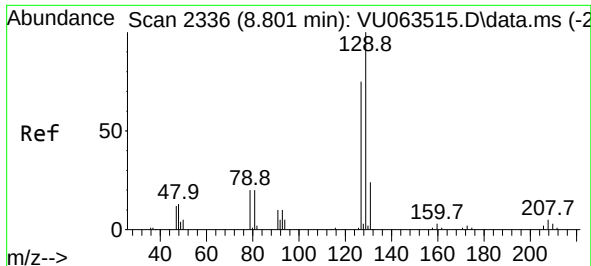
Ion Ratio Lower Upper

43 100

58 53.1 34.8 74.8

57 18.4 0.0 39.5

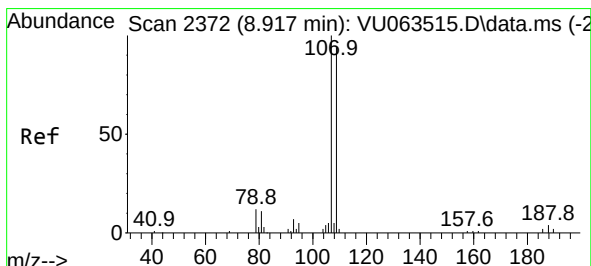
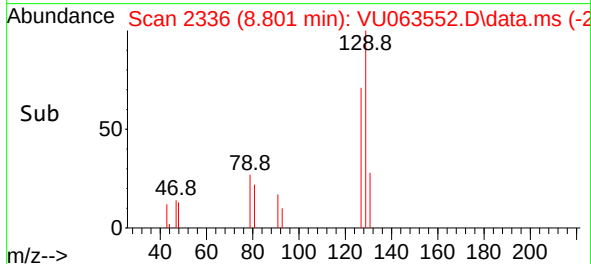
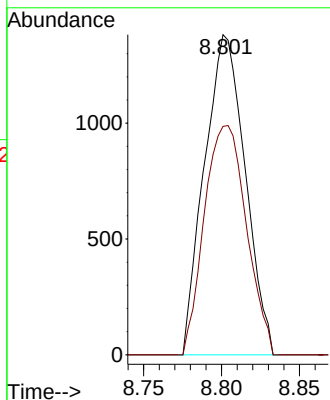
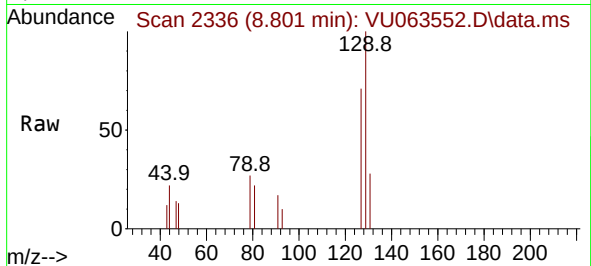




#55
Dibromochloromethane
Concen: 0.585 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

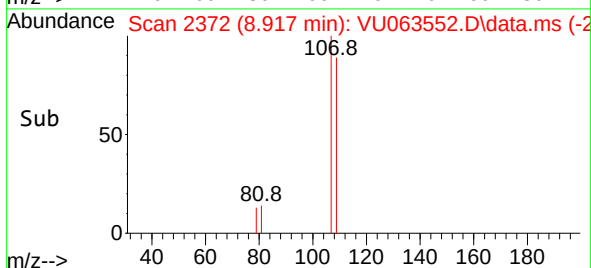
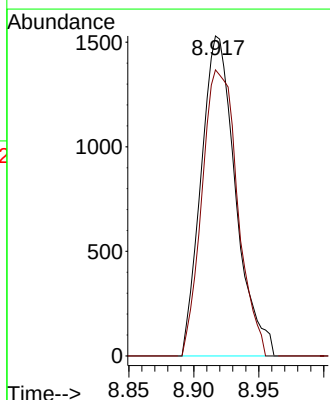
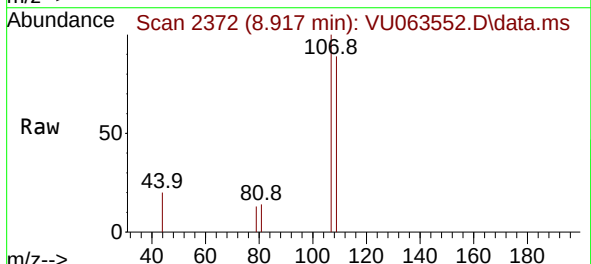
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

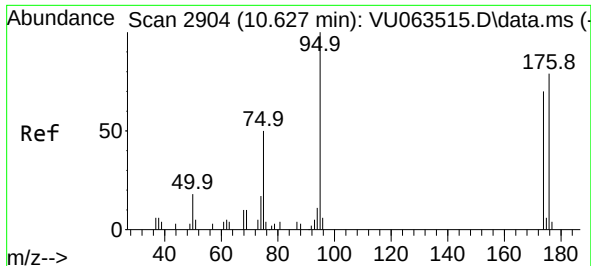
Tgt Ion:129 Resp: 2510
Ion Ratio Lower Upper
129 100
127 73.9 60.1 90.1



#56
1,2-Dibromoethane
Concen: 0.777 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion:107 Resp: 2826
Ion Ratio Lower Upper
107 100
109 92.0 0.0 186.4





#57

4-Bromofluorobenzene

Concen: 0.825 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

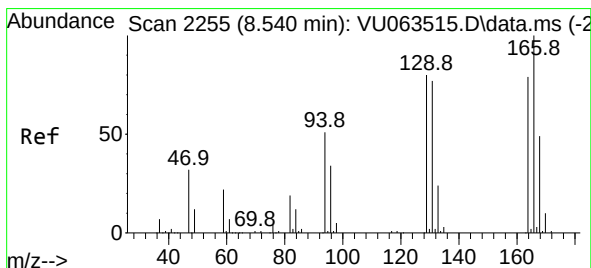
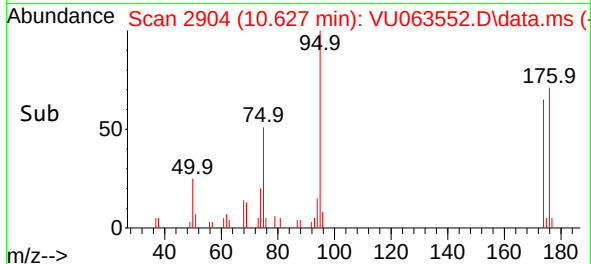
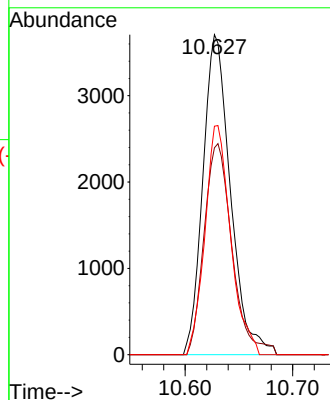
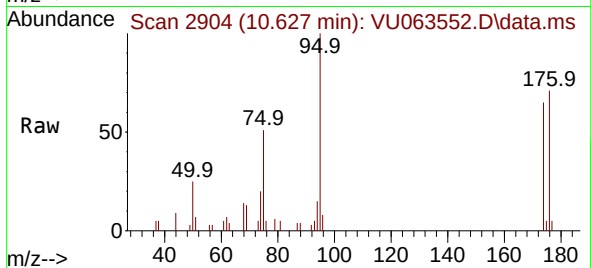
Tgt Ion: 95 Resp: 6598

Ion Ratio Lower Upper

95 100

174 67.0 59.8 89.8

176 66.8 61.8 92.8



#58

Tetrachloroethene

Concen: 0.712 ug/l

RT: 8.540 min Scan# 2255

Delta R.T. -0.000 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Tgt Ion: 164 Resp: 4138

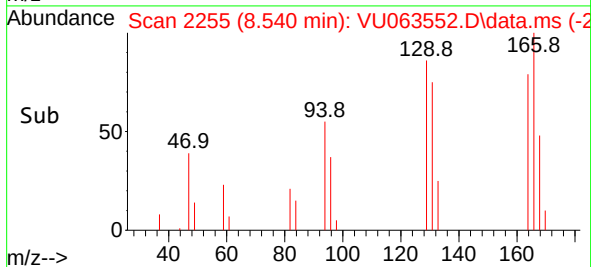
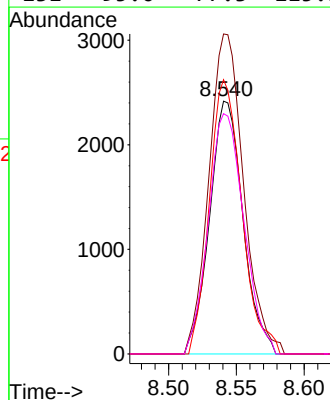
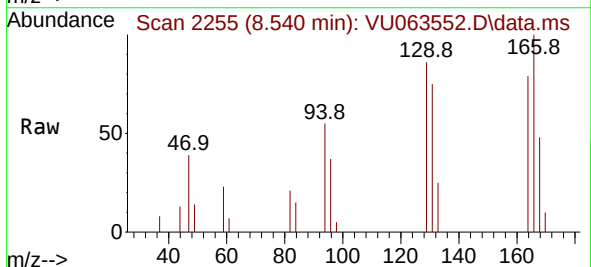
Ion Ratio Lower Upper

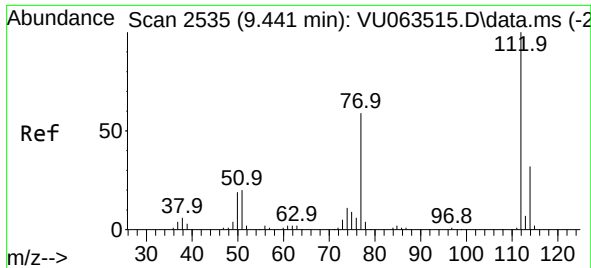
164 100

166 126.6 100.7 151.1

129 108.5 80.6 120.8

131 95.0 77.3 115.9

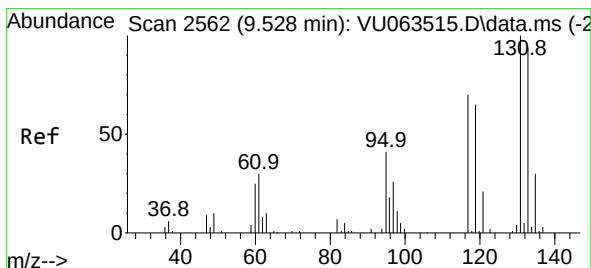
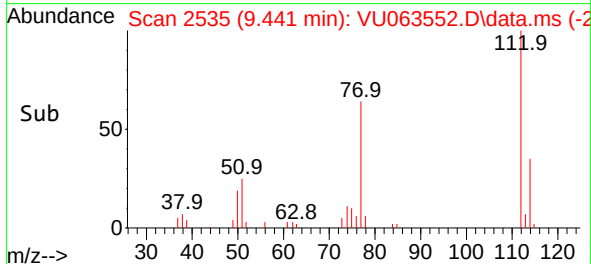
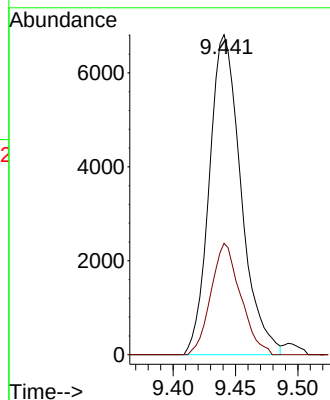
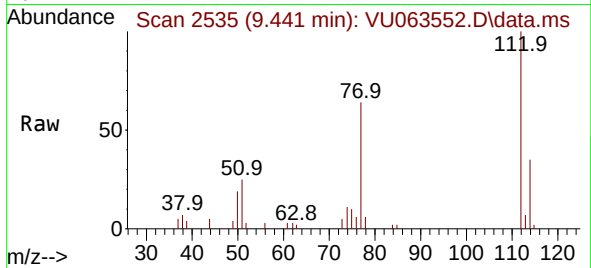




#59
Chlorobenzene
Concen: 0.773 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

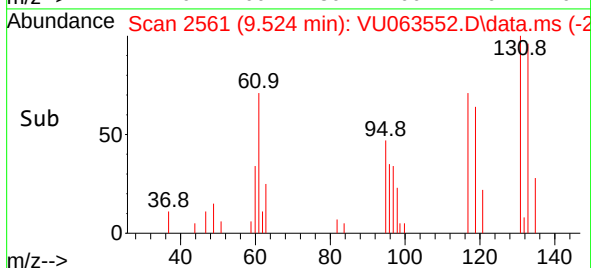
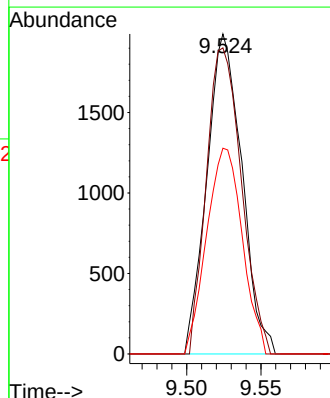
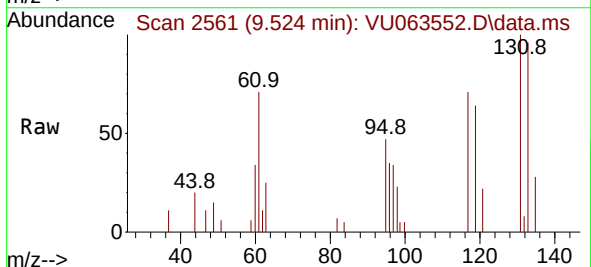
Instrument : MSVOA_U
ClientSampleId : RL-CHECK

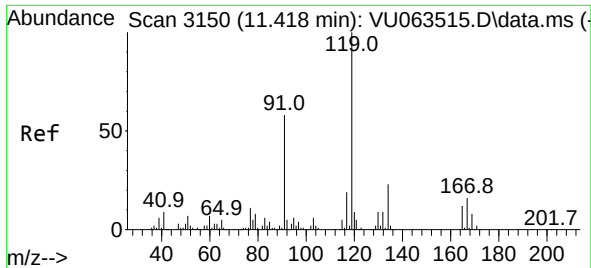
Tgt Ion:112 Resp: 12059
Ion Ratio Lower Upper
112 100
114 34.8 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 0.648 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion:131 Resp: 3254
Ion Ratio Lower Upper
131 100
133 95.9 74.7 112.1
119 65.4 53.0 79.4

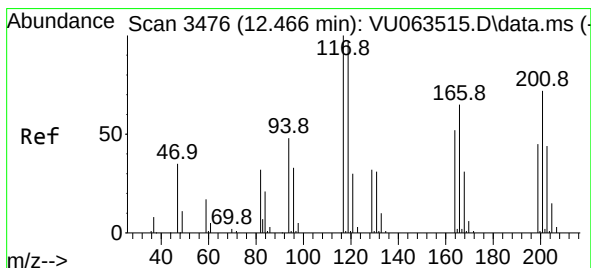
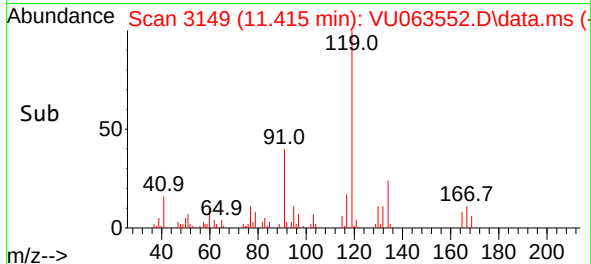
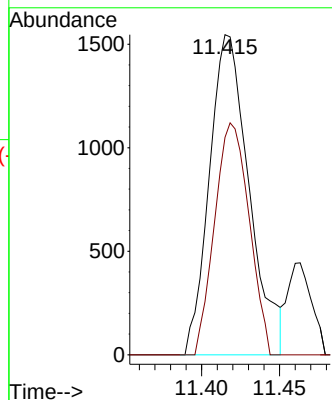
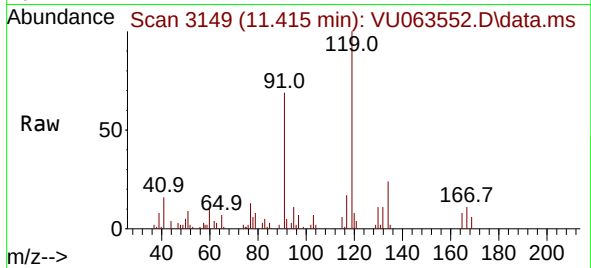




#61
 Pentachloroethane
 Concen: 0.772 ug/l
 RT: 11.415 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU063552.D
 Acq: 21 Jul 2025 17:12

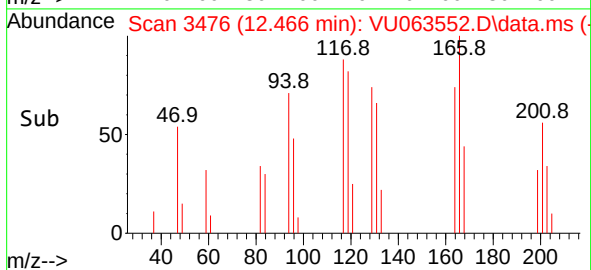
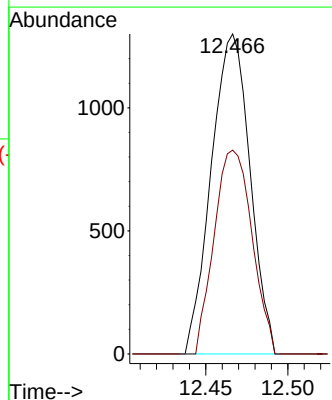
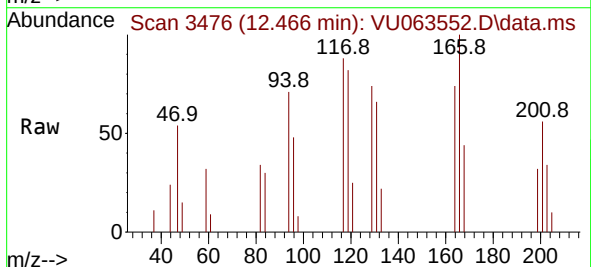
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

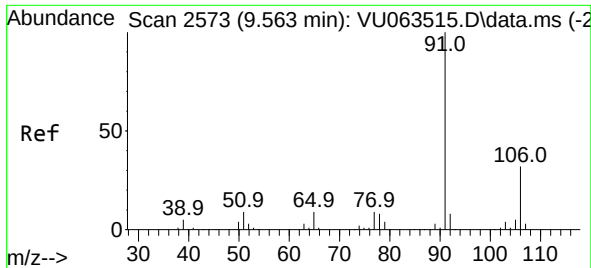
Tgt Ion:117 Resp: 2738
 Ion Ratio Lower Upper
 117 100
 167 62.9 65.0 97.6#



#62
 Hexachloroethane
 Concen: 0.607 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU063552.D
 Acq: 21 Jul 2025 17:12

Tgt Ion:117 Resp: 2132
 Ion Ratio Lower Upper
 117 100
 201 62.2 57.4 86.0

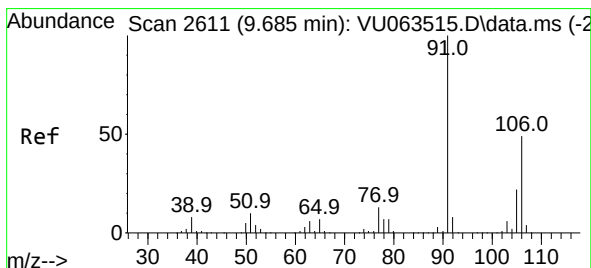
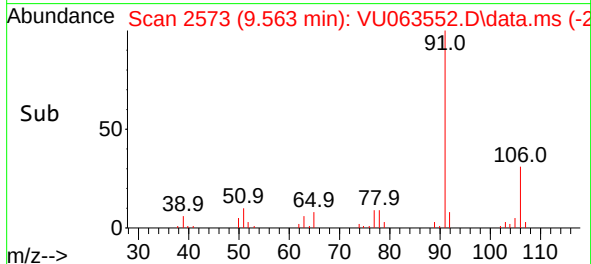
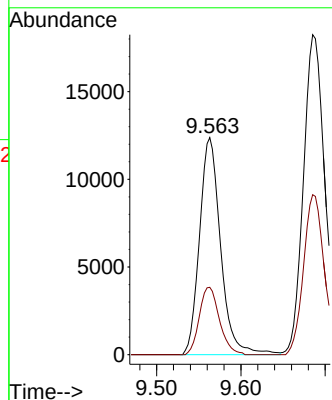
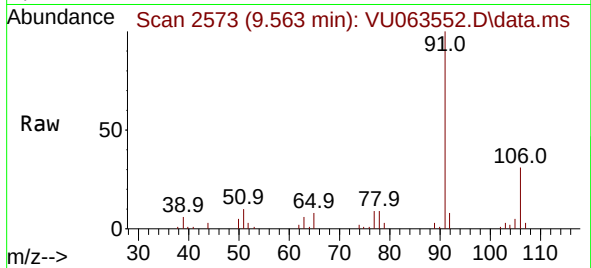




#63
Ethyl Benzene
Concen: 0.805 ug/l
RT: 9.563 min Scan# 21617
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

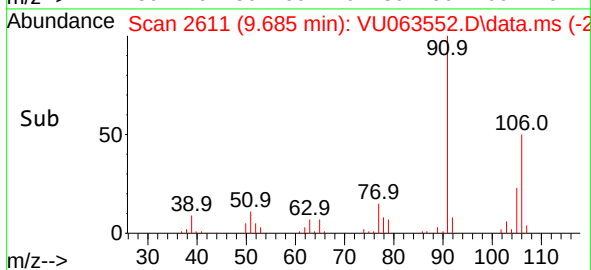
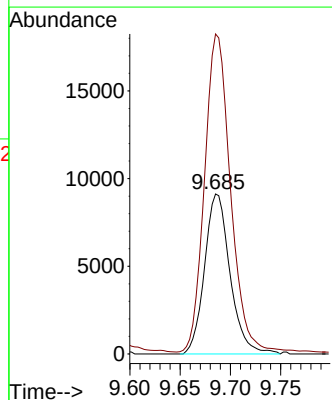
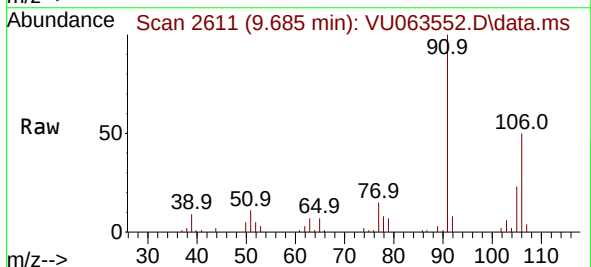
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

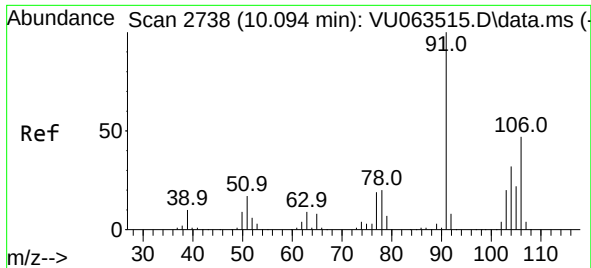
Tgt Ion: 91 Resp: 21617
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0



#64
m/p-Xylenes
Concen: 1.542 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion:106 Resp: 16093
Ion Ratio Lower Upper
106 100
91 208.6 163.6 245.4

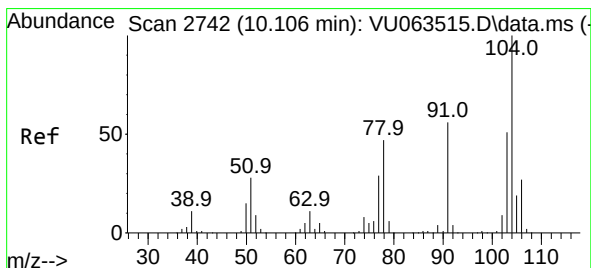
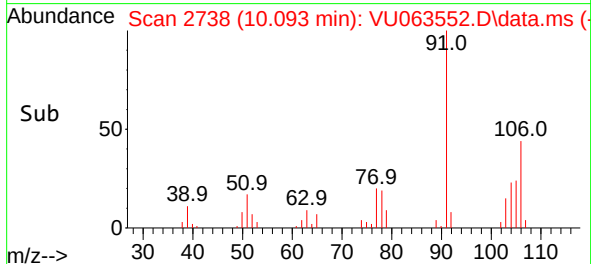
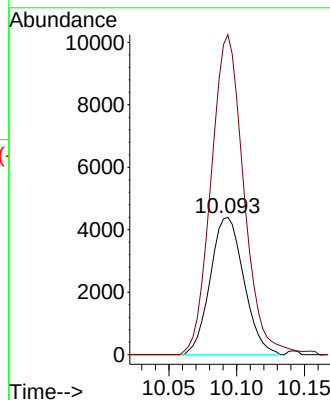
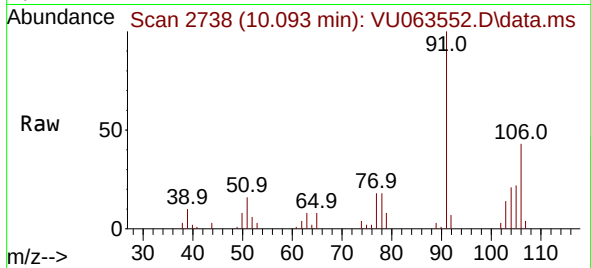




#65
o-Xylene
Concen: 0.755 ug/l
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

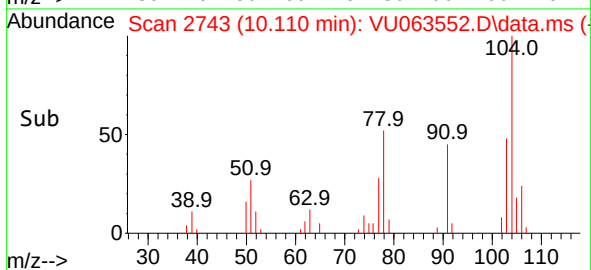
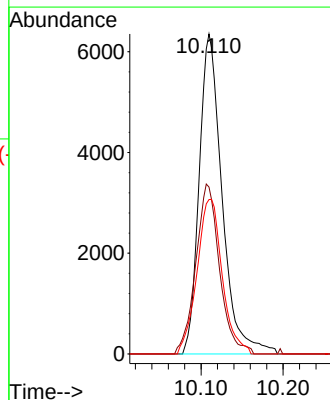
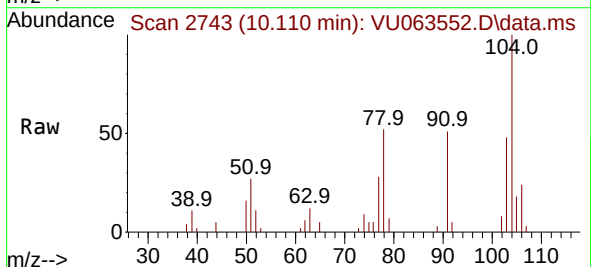
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

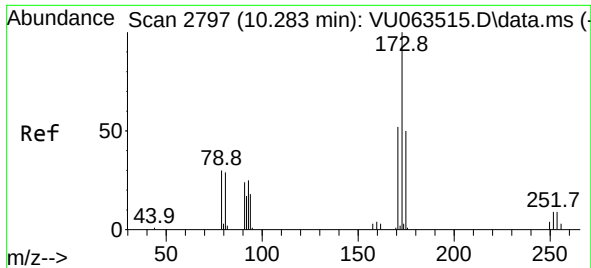
Tgt Ion:106 Resp: 7571
Ion Ratio Lower Upper
106 100
91 226.5 108.1 324.4



#66
Styrene
Concen: 0.772 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion:104 Resp: 12338
Ion Ratio Lower Upper
104 100
78 55.0 41.3 61.9
103 53.2 43.6 65.4

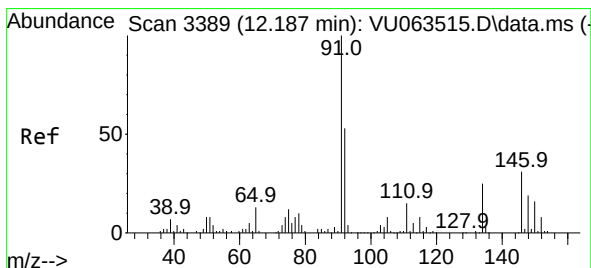
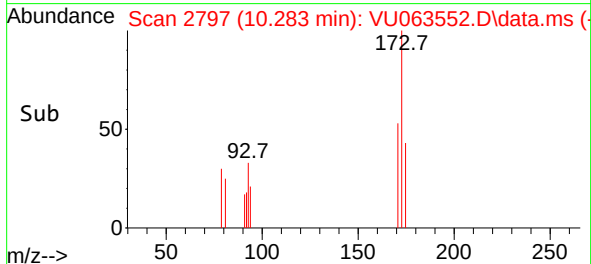
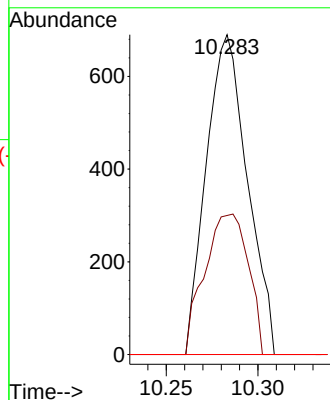
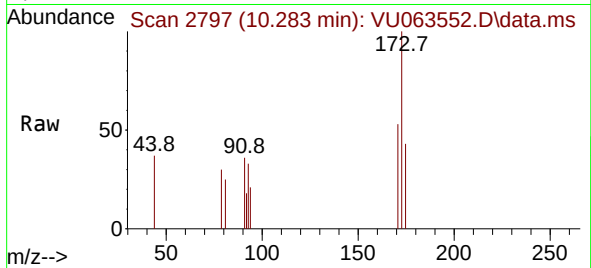




#67
Bromoform
Concen: 0.488 ug/l
RT: 10.283 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

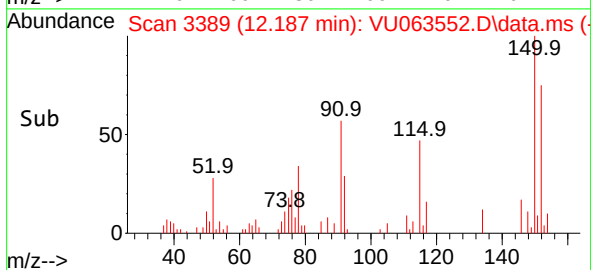
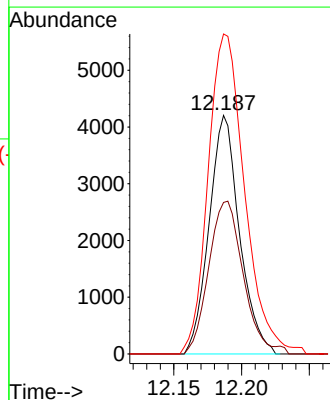
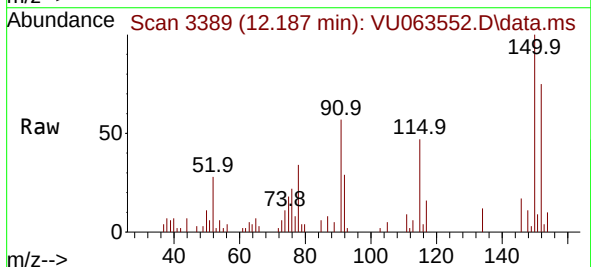
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

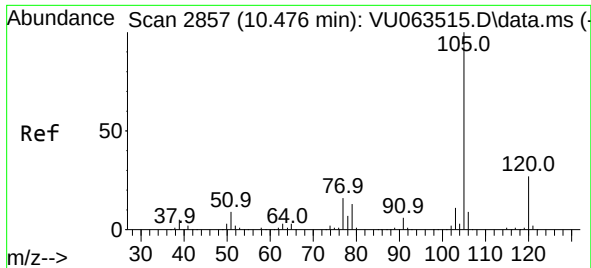
Tgt Ion:173 Resp: 1076
Ion Ratio Lower Upper
173 100
175 46.6 39.0 58.4
254 0.0 6.5 9.7#



#68
1,2-Dichlorobenzene-d4
Concen: 0.886 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion:152 Resp: 6555
Ion Ratio Lower Upper
152 100
115 72.8 0.0 262.2
150 161.1 0.0 651.2

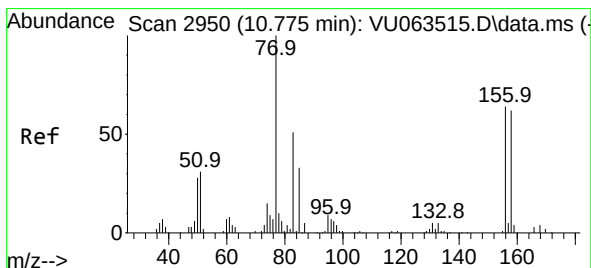
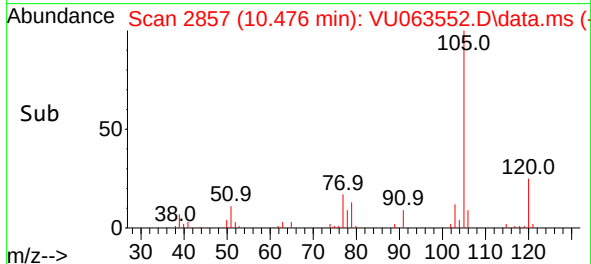
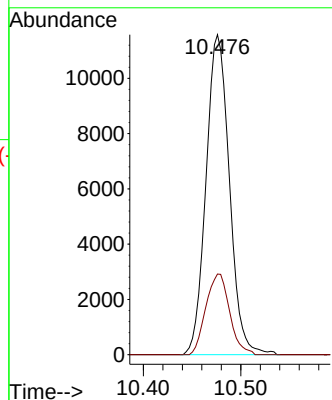
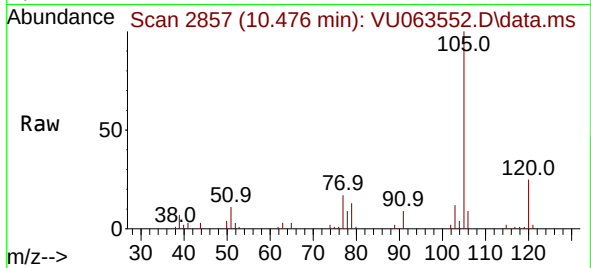




#69
Isopropylbenzene
Concen: 0.797 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

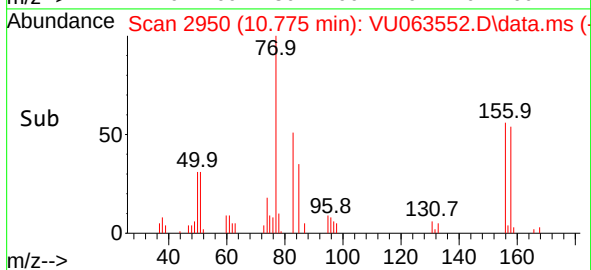
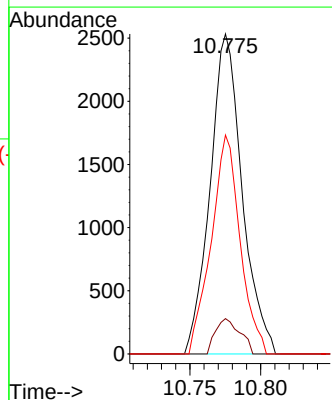
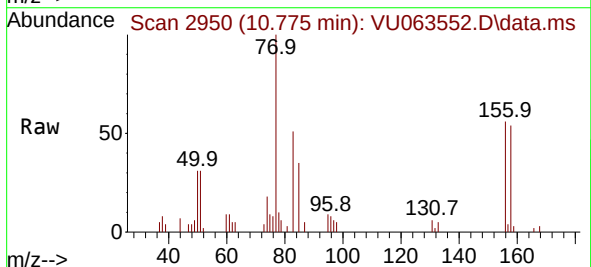
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

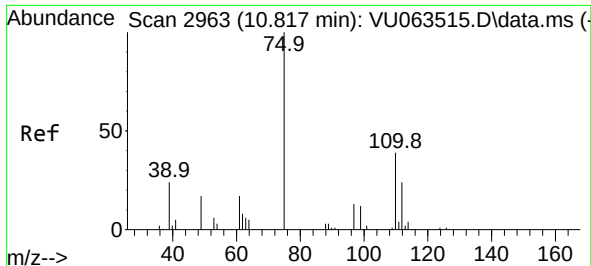
Tgt Ion:105 Resp: 19318
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5



#70
1,1,2,2-Tetrachloroethane
Concen: 0.806 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion: 83 Resp: 3982
Ion Ratio Lower Upper
83 100
131 8.4 8.4 12.6
85 61.6 51.9 77.9

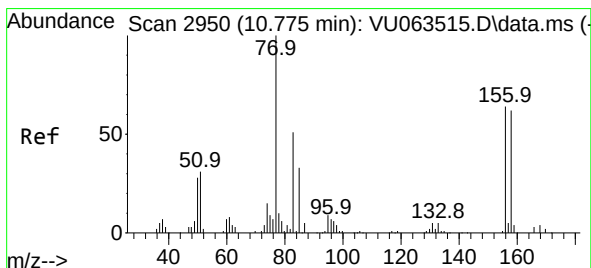
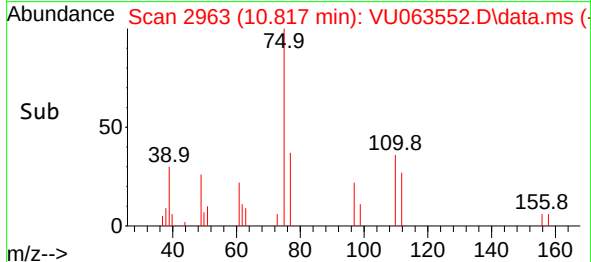
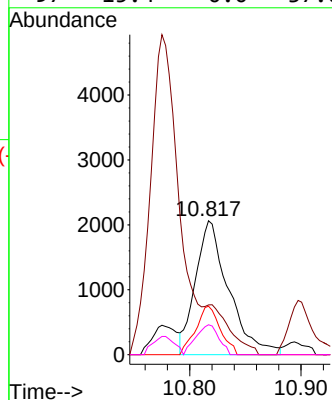
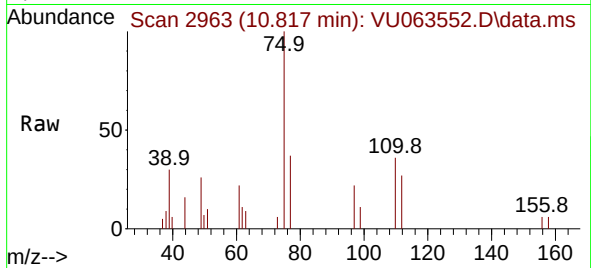




#71
1,2,3-Trichloropropane
Concen: 1.064 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

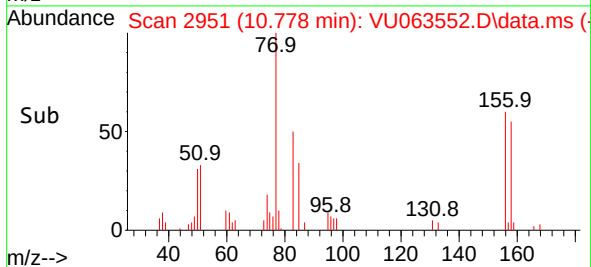
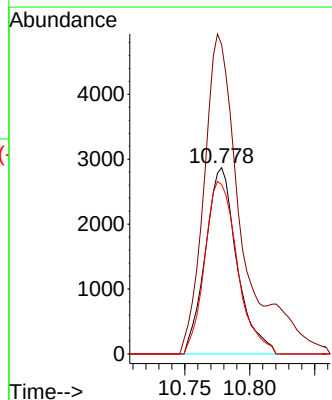
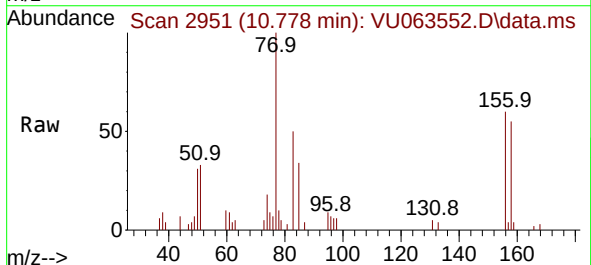
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

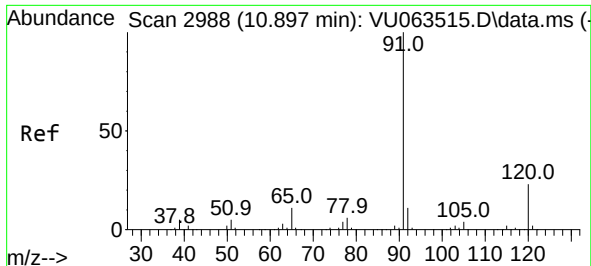
Tgt Ion: 75	Resp: 4272
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 26.7	0.0 73.2
97 15.4	0.0 37.6



#72
Bromobenzene
Concen: 0.773 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt	Ion:156	Resp:	4838
Ion	Ratio	Lower	Upper
156	100		
77	179.9	0.0	315.2
158	95.7	0.0	195.4

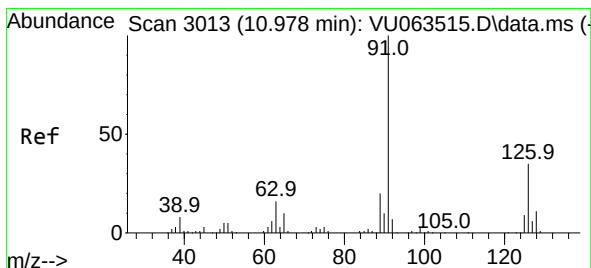
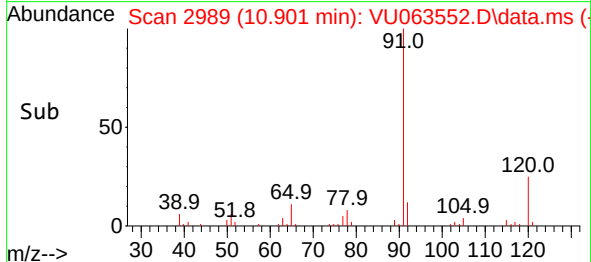
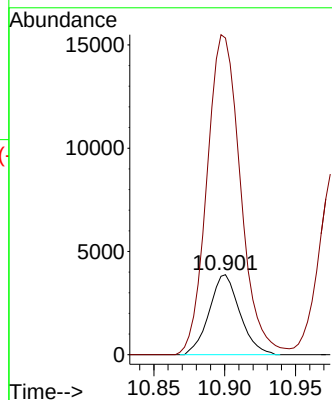
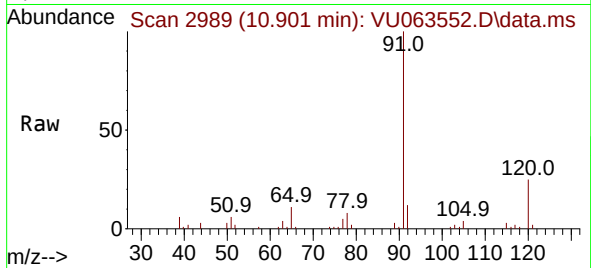




#73
n-propylbenzene
Concen: 0.800 ug/l
RT: 10.901 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

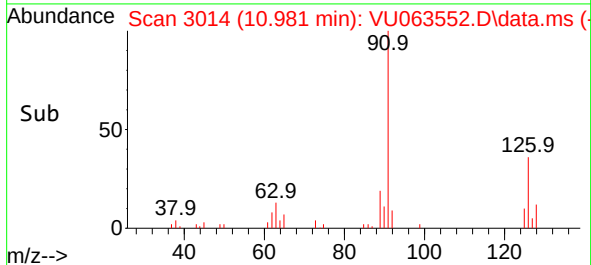
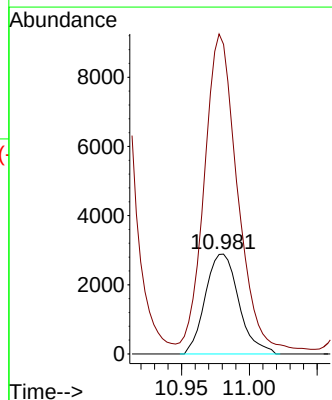
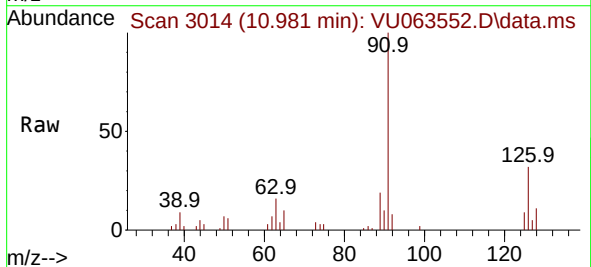
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

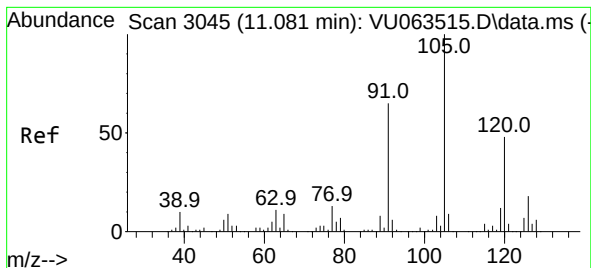
Tgt Ion:120 Resp: 5843
Ion Ratio Lower Upper
120 100
91 437.6 343.1 514.7



#74
2-Chlorotoluene
Concen: 0.769 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion:126 Resp: 4961
Ion Ratio Lower Upper
126 100
91 318.0 0.0 606.0





#75

1,3,5-Trimethylbenzene

Concen: 0.756 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

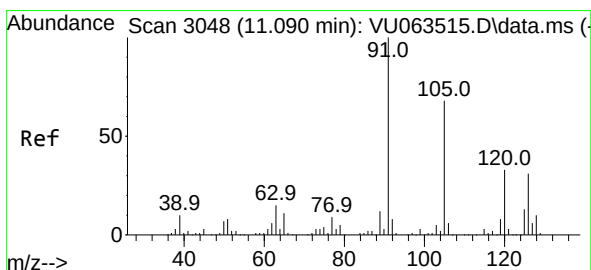
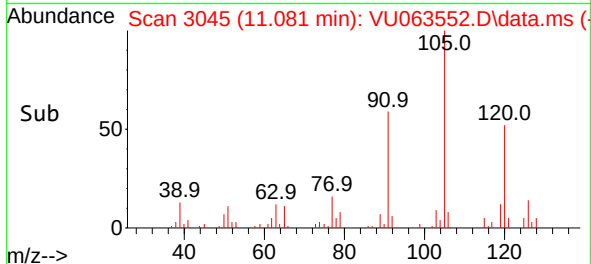
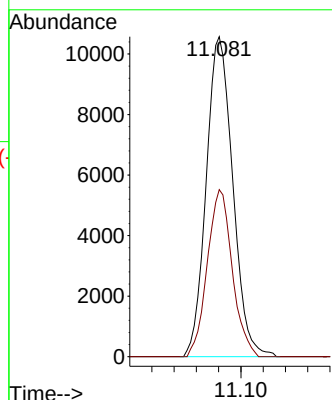
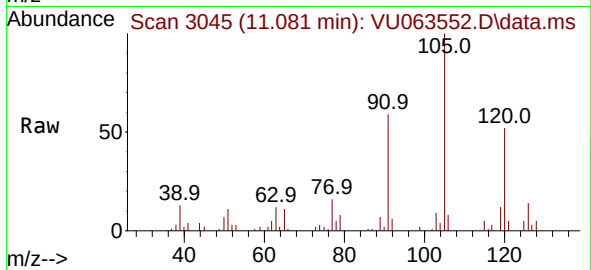
RL-CHECK

Tgt Ion:105 Resp: 17505

Ion Ratio Lower Upper

105 100

120 49.0 37.8 56.8



#76

4-Chlorotoluene

Concen: 0.808 ug/l

RT: 11.093 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VU063552.D

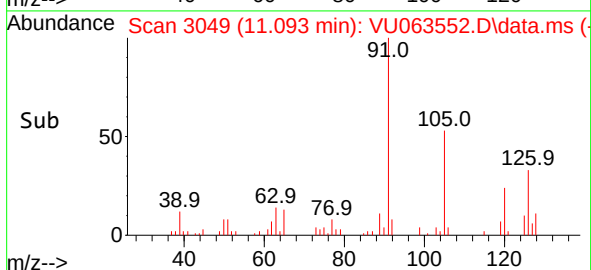
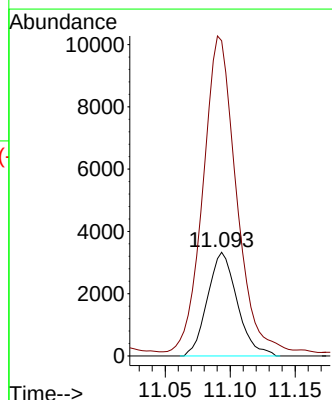
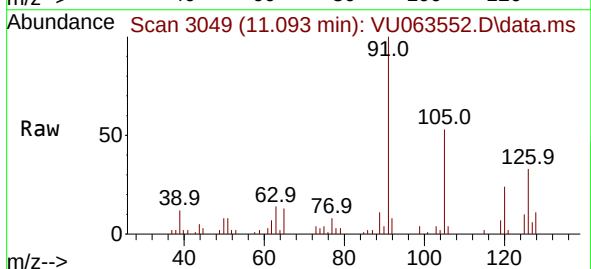
Acq: 21 Jul 2025 17:12

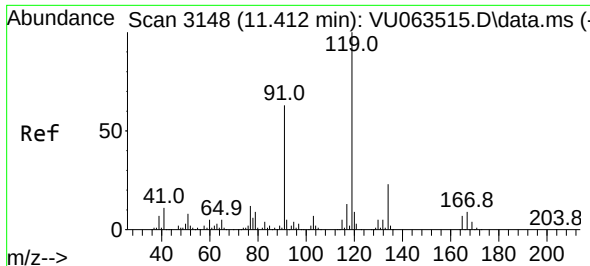
Tgt Ion:126 Resp: 5296

Ion Ratio Lower Upper

126 100

91 343.6 0.0 682.2

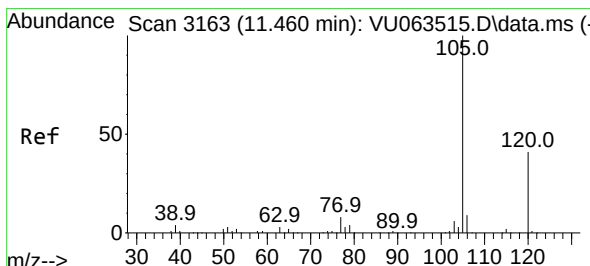
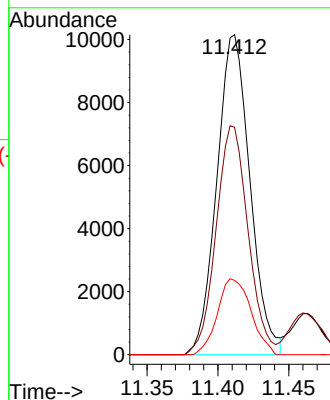
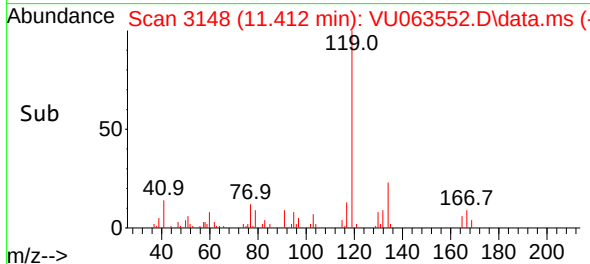
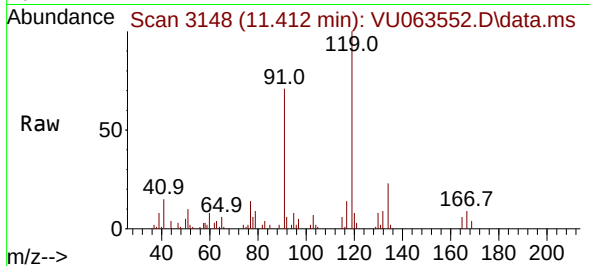




#77
tert-Butylbenzene
Concen: 0.747 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

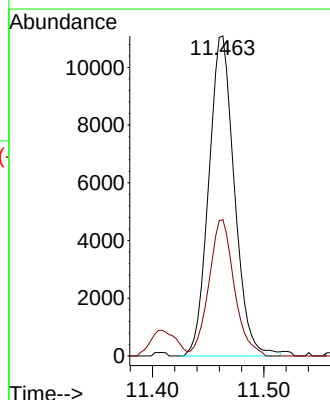
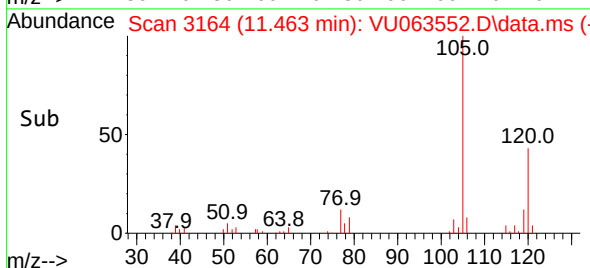
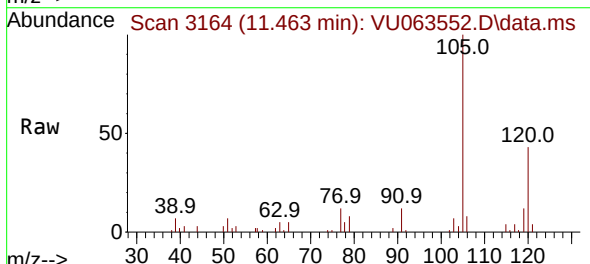
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

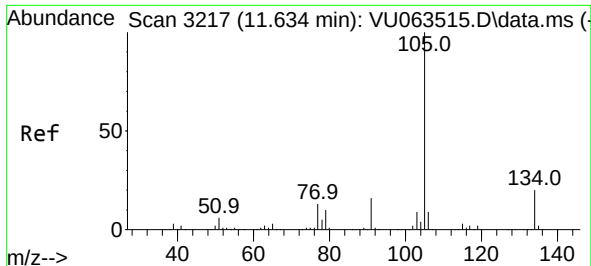
Tgt Ion:119 Resp: 16547
Ion Ratio Lower Upper
119 100
91 69.0 30.7 92.1
134 23.9 18.5 27.7



#78
1,2,4-Trimethylbenzene
Concen: 0.773 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion:105 Resp: 17756
Ion Ratio Lower Upper
105 100
120 42.1 22.7 68.0

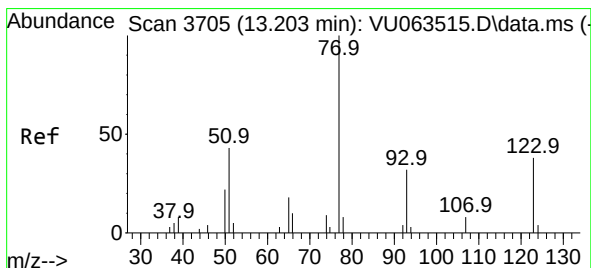
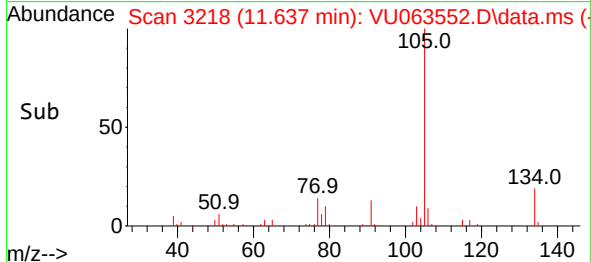
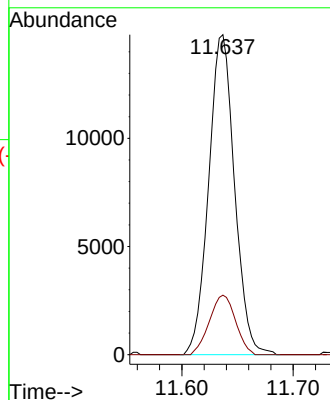
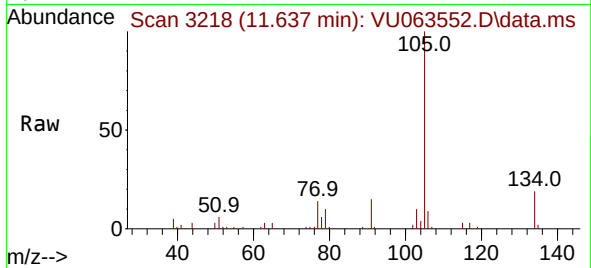




#79
 sec-Butylbenzene
 Concen: 0.799 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063552.D
 Acq: 21 Jul 2025 17:12

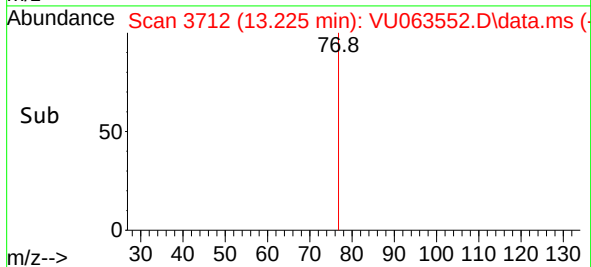
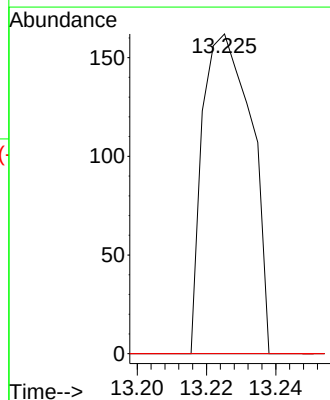
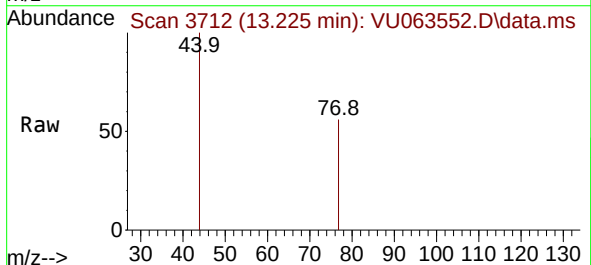
Instrument :
 MSVOA_U
 ClientSampleId :
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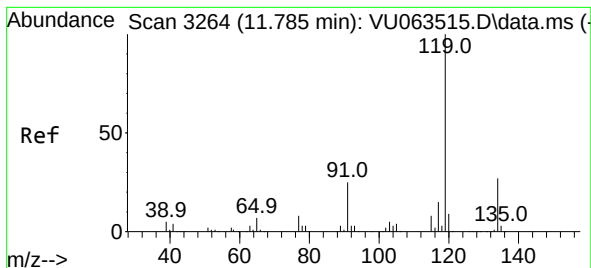
Tgt Ion:105 Resp: 23867
 Ion Ratio Lower Upper
 105 100
 134 18.8 16.2 24.4



#80
 Nitrobenzene
 Concen: 1.822 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.022 min
 Lab File: VU063552.D
 Acq: 21 Jul 2025 17:12

Tgt Ion: 77 Resp: 158
 Ion Ratio Lower Upper
 77 100
 123 0.0 16.9 59.7#
 65 0.0 16.5 20.9#





#81

p-Isopropyltoluene

Concen: 0.750 ug/l

RT: 11.785 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

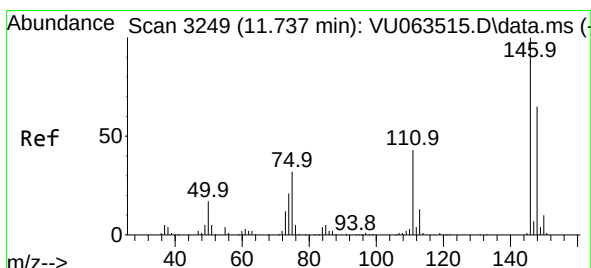
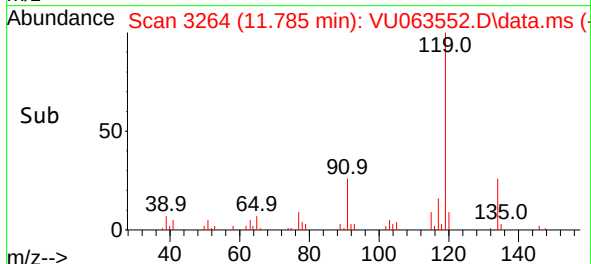
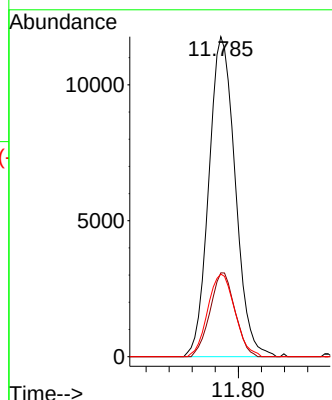
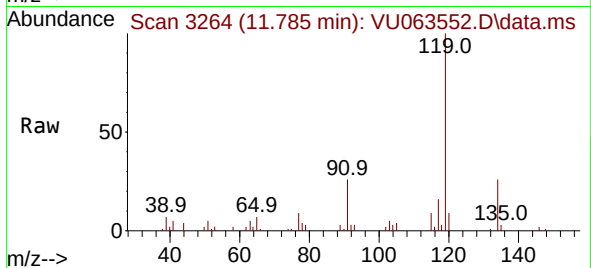
Tgt Ion:119 Resp: 18683

Ion Ratio Lower Upper

119 100

134 24.7 21.1 31.7

91 26.5 19.8 29.8



#82

1,3-Dichlorobenzene

Concen: 0.816 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

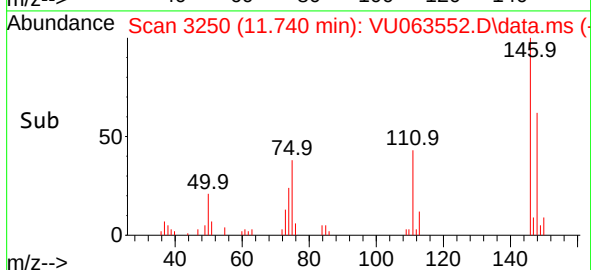
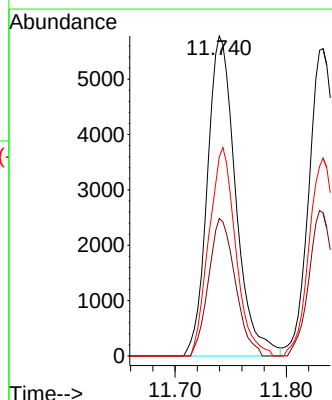
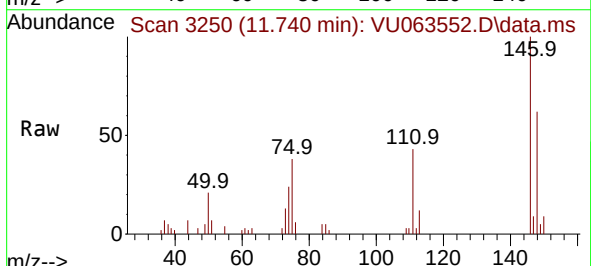
Tgt Ion:146 Resp: 10221

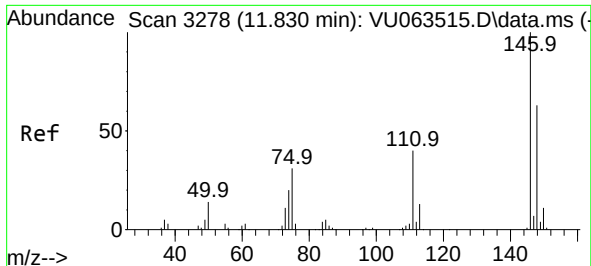
Ion Ratio Lower Upper

146 100

111 40.5 33.8 50.6

148 61.7 51.5 77.3

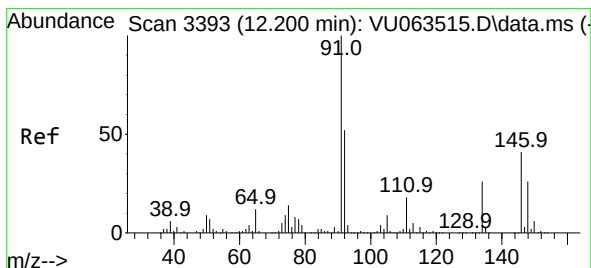
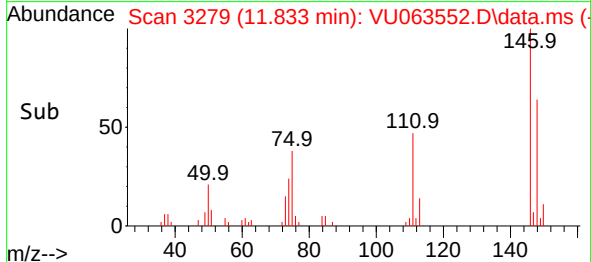
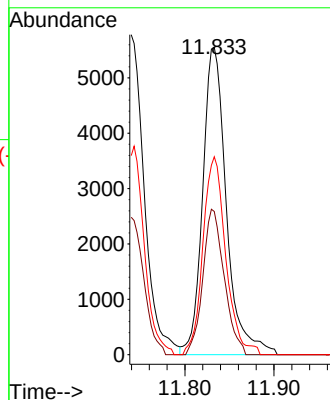
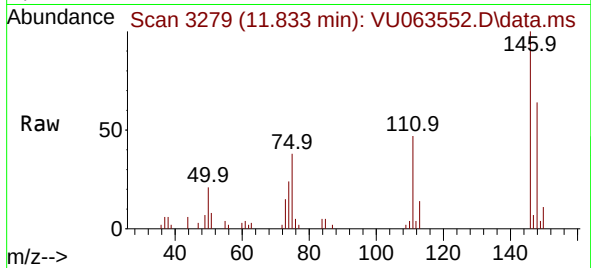




#83
1,4-Dichlorobenzene
Concen: 0.818 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

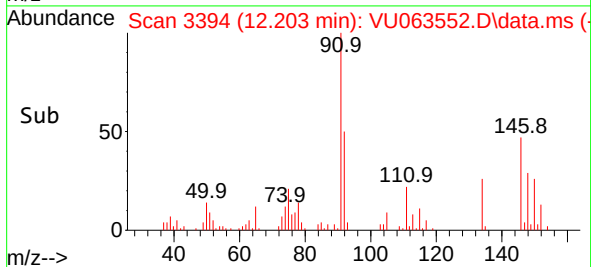
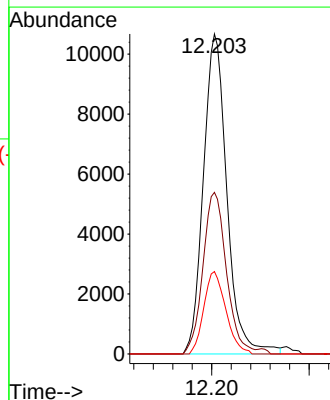
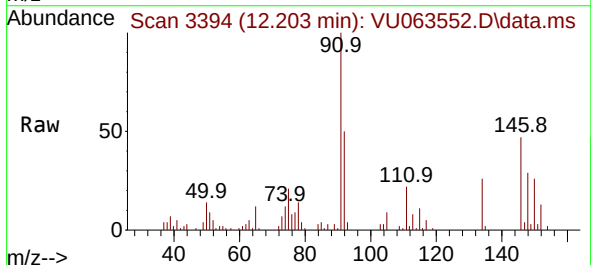
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

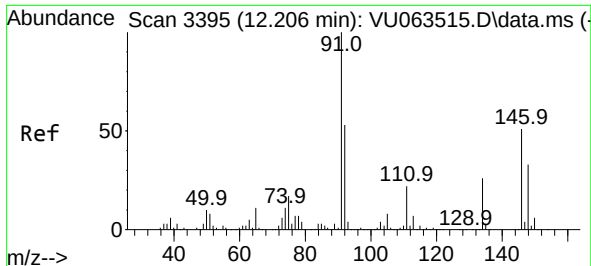
Tgt Ion:146 Resp: 10256
Ion Ratio Lower Upper
146 100
111 42.7 32.0 48.0
148 62.1 50.2 75.2



#84
n-Butylbenzene
Concen: 0.773 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion: 91 Resp: 17867
Ion Ratio Lower Upper
91 100
92 50.5 41.5 62.3
134 24.1 20.6 30.8

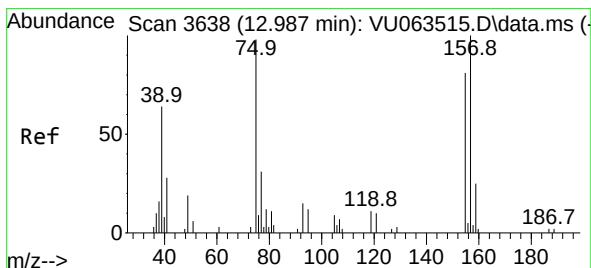
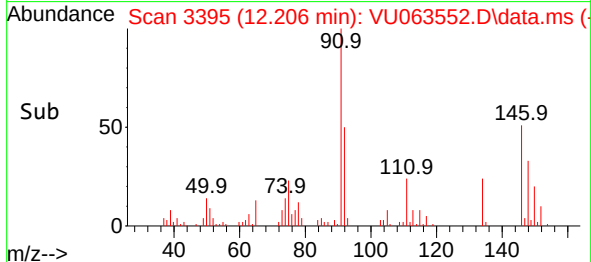
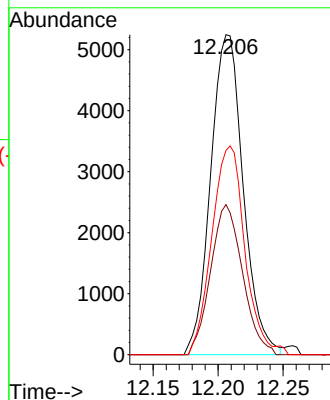
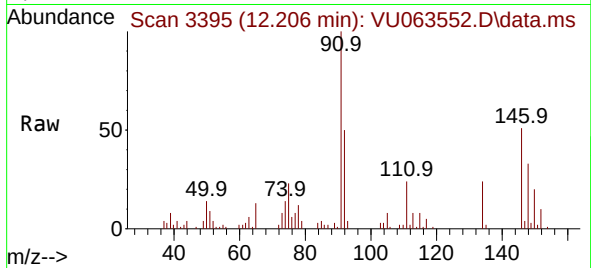




#85
 1,2-Dichlorobenzene
 Concen: 0.778 ug/l
 RT: 12.206 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU063552.D
 Acq: 21 Jul 2025 17:12

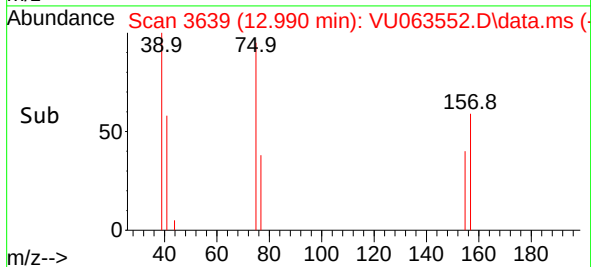
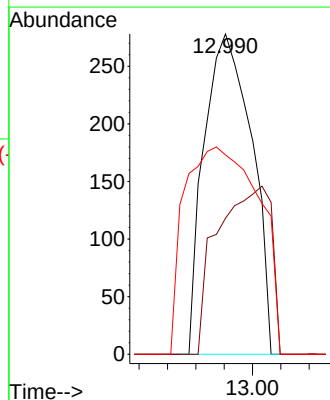
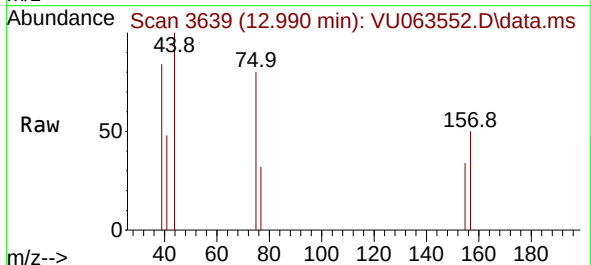
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

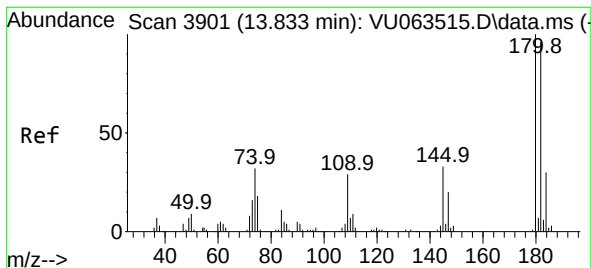
Tgt Ion:146 Resp: 9153
 Ion Ratio Lower Upper
 146 100
 111 46.1 21.7 65.1
 148 66.2 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.461 ug/l
 RT: 12.990 min Scan# 3639
 Delta R.T. 0.003 min
 Lab File: VU063552.D
 Acq: 21 Jul 2025 17:12

Tgt Ion: 75 Resp: 324
 Ion Ratio Lower Upper
 75 100
 155 59.6 65.8 98.6#
 157 101.2 81.4 122.2





#87

1,2,4-Trichlorobenzene

Concen: 0.689 ug/l

RT: 13.839 min Scan# 3901

Delta R.T. 0.006 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

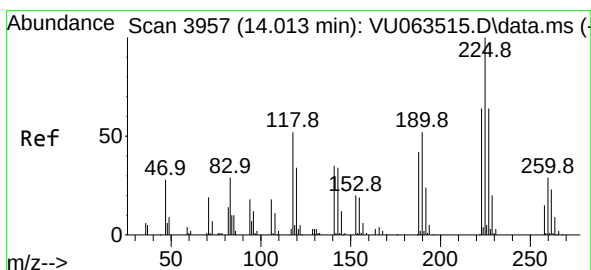
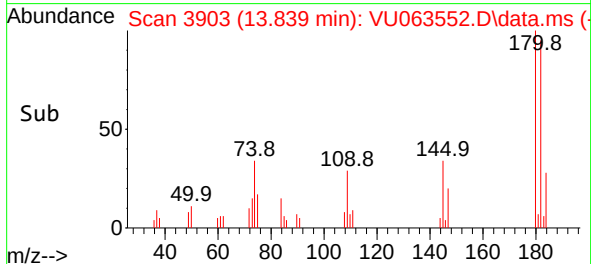
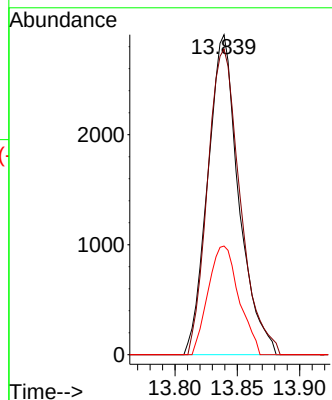
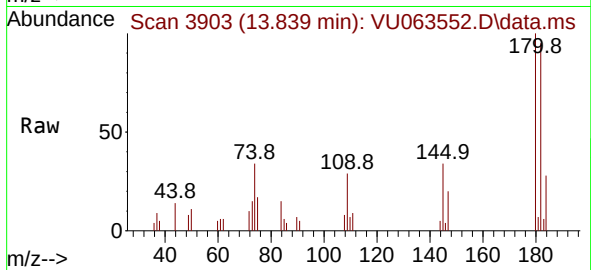
Tgt Ion:180 Resp: 5039

Ion Ratio Lower Upper

180 100

182 100.2 76.2 114.4

145 33.6 26.2 39.2



#88

Hexachlorobutadiene

Concen: 0.776 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063552.D

Acq: 21 Jul 2025 17:12

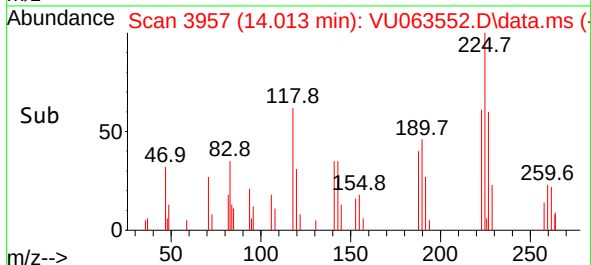
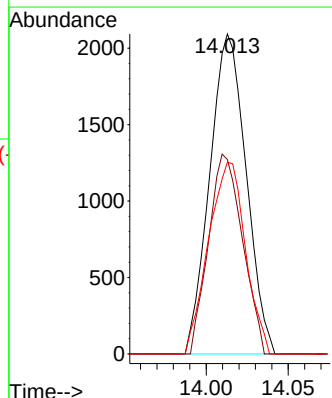
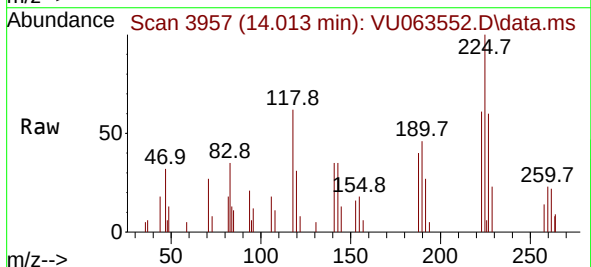
Tgt Ion:225 Resp: 3225

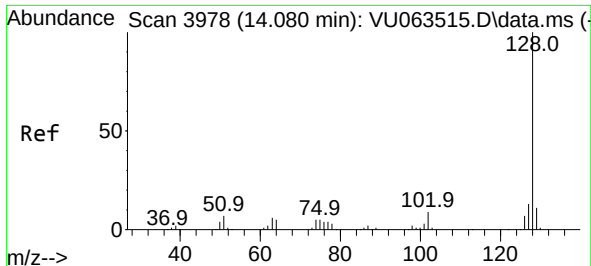
Ion Ratio Lower Upper

225 100

223 58.2 50.8 76.2

227 60.8 51.0 76.6

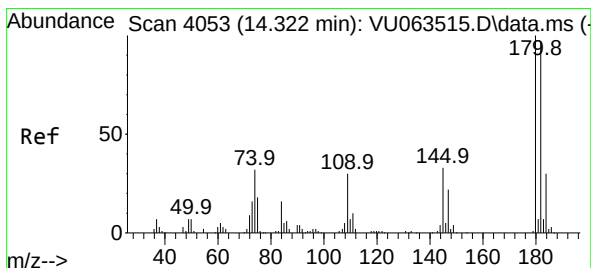
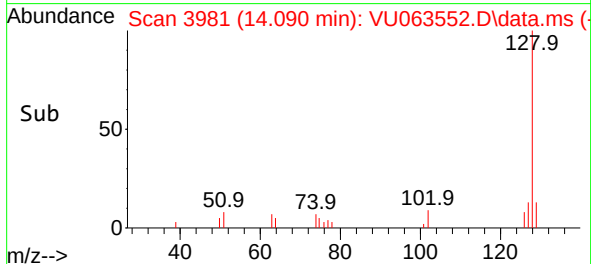
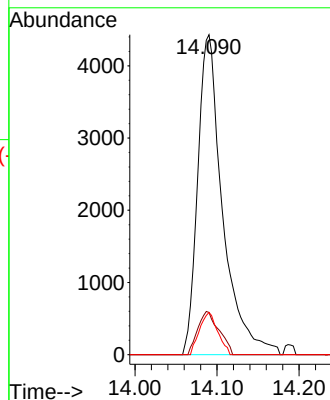
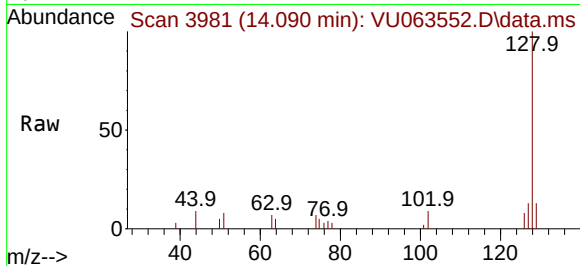




#89
Naphthalene
Concen: 0.712 ug/l
RT: 14.090 min Scan# 3978
Delta R.T. 0.010 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:	128	Resp:	9338
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.2	15.4
129	9.6	8.8	13.2



#90
1,2,3-Trichlorobenzene
Concen: 0.779 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU063552.D
Acq: 21 Jul 2025 17:12

Tgt Ion:	180	Resp:	5269
Ion	Ratio	Lower	Upper
180	100		
182	91.6	78.0	117.0
145	34.0	27.3	40.9

