

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063542.D
 Acq On : 18 Jul 2025 17:56
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Quant Time: Jul 19 00:21:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Jul 19 00:21:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	18139	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	6715	0.978	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	5933	0.934	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	2181	0.408	ug/l	91
3) Chloromethane	1.518	50	2424	0.488	ug/l	97
4) Vinyl Chloride	1.599	62	3001	0.474	ug/l	99
5) Bromomethane	1.850	94	3057	0.640	ug/l	92
6) Chloroethane	1.924	64	2024	0.529	ug/l	93
7) Trichlorofluoromethane	2.129	101	4516	0.497	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	2460	0.518	ug/l	96
9) 1,1-Dichloroethene	2.570	96	2225	0.472	ug/l	93
10) Iodomethane	2.715	142	1009	0.177	ug/l	# 86
11) Allyl Chloride	2.911	41	3383	0.497	ug/l	92
12) Acrylonitrile	3.303	53	1131	0.960	ug/l	95
13) Acetone	2.621	43	2815	2.983	ug/l	97
14) Carbon Disulfide	2.779	76	5411	0.356	ug/l	# 94
15) Methylene Chloride	3.030	84	4204	0.758	ug/l	93
16) trans-1,2-Dichloroethene	3.335	96	2626	0.491	ug/l	95
17) 1,1-Dichloroethane	3.853	63	5085	0.513	ug/l	# 93
18) 2-Butanone	4.718	43	3509	2.401	ug/l	92
19) Cyclohexane	5.358	56	3989	0.475	ug/l	# 91
20) Methylcyclohexane	6.740	83	3325	0.408	ug/l	98
21) 2,2-Dichloropropane	4.647	77	3583	0.424	ug/l	94
22) cis-1,2-Dichloroethene	4.650	96	2915	0.502	ug/l	96
23) Diethyl Ether	2.370	59	1801	0.502	ug/l	# 84
24) tert-Butyl Alcohol	3.197	59	2326	5.370	ug/l	# 80
25) Methyl tert-Butyl Ether	3.364	73	6460	0.525	ug/l	# 74
26) Bromochloromethane	4.959	128	1154	0.476	ug/l	92
27) Chloroform	5.075	83	5235	0.518	ug/l	97
28) 1,1,1-Trichloroethane	5.296	97	3935	0.458	ug/l	99
29) 1,1-Dichloropropene	5.502	75	3740	0.470	ug/l	# 77
30) Carbon Tetrachloride	5.502	117	2748	0.398	ug/l	98
31) Isopropyl Ether	3.997	45	8475	0.566	ug/l	98
32) Ethyl-t-butyl ether	4.502	59	7398	0.534	ug/l	98
33) Tert-Amyl methyl ether	5.946	73	6017	0.501	ug/l	97
34) Propionitrile	4.772	54	557	1.251	ug/l	# 61
35) Benzene	5.756	78	11927	0.558	ug/l	94
36) 1,2-Dichloroethane	5.782	62	3723	0.561	ug/l	99
37) Trichloroethene	6.528	130	2161	0.396	ug/l	97
38) 1,2-Dichloropropane	6.782	63	2244	0.449	ug/l	92
39) Methacrylonitrile	4.975	41	1303	0.658	ug/l	# 55
40) Methyl acrylate	4.853	55	1798	0.621	ug/l	# 85
41) Tetrahydrofuran	5.062	42	856	0.822	ug/l	# 86
42) 1-Chlorobutane	5.438	56	4714	0.446	ug/l	94
43) Dibromomethane	6.911	93	1069	0.413	ug/l	# 86
44) Bromodichloromethane	7.100	83	1992	0.341	ug/l	# 92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063542.D
 Acq On : 18 Jul 2025 17:56
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Quant Time: Jul 19 00:21:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Jul 19 00:21:13 2025
 Response via : Initial Calibration

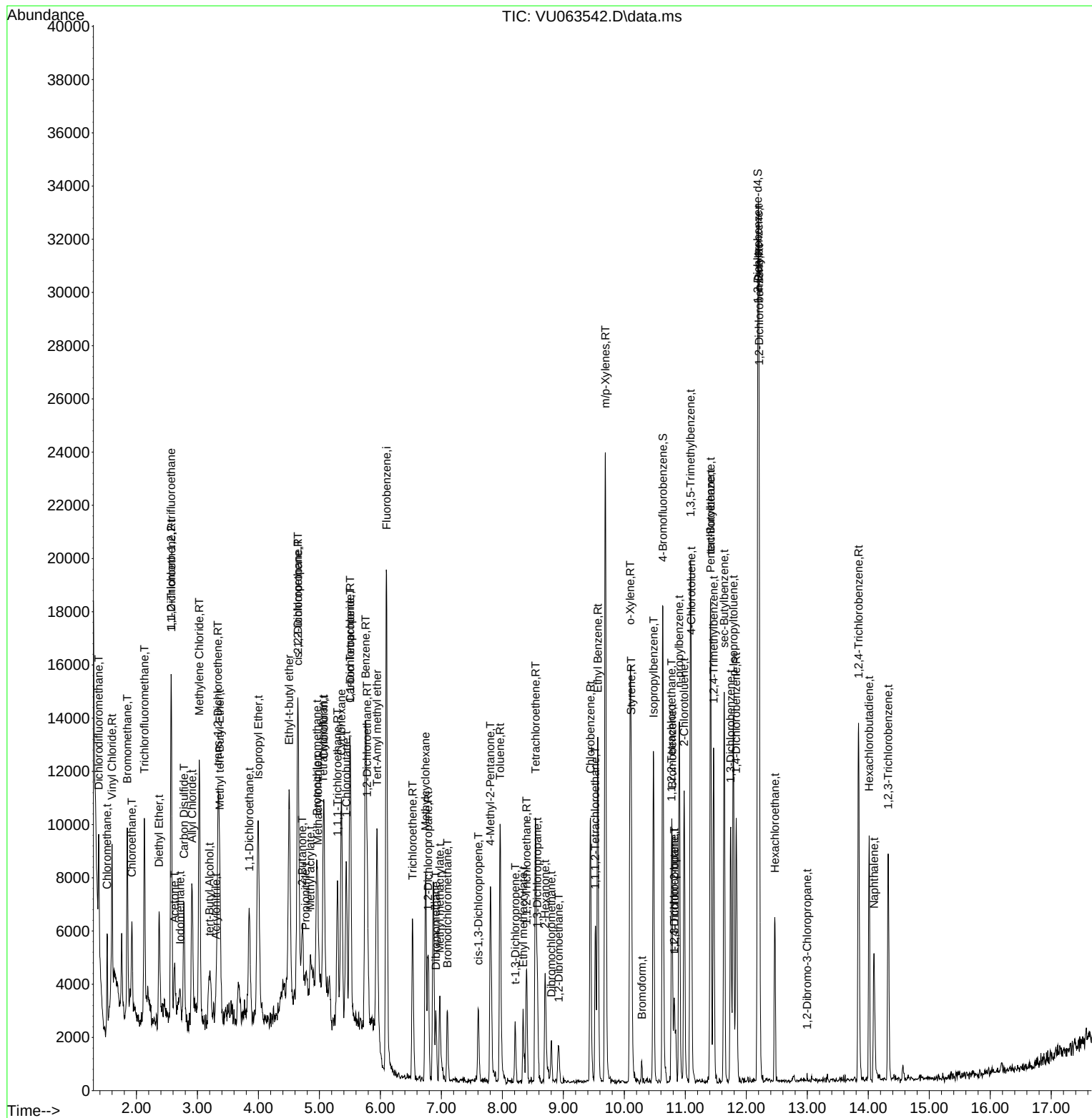
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	5671	2.124	ug/l	97
46) t-1,4-Dichloro-2-butene	10.817	75	1806	1.802	ug/l #	52
47) Methyl methacrylate	6.972	69	1616	0.743	ug/l #	86
48) Ethyl methacrylate	8.341	69	1528	0.368	ug/l	91
49) Toluene	7.962	92	4728	0.405	ug/l	95
50) t-1,3-Dichloropropene	8.213	75	1420	0.310	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	1884	0.306	ug/l #	73
52) 1,1,2-Trichloroethane	8.396	97	1569	0.450	ug/l	96
53) 1,3-Dichloropropane	8.573	76	2766	0.459	ug/l	98
54) 2-Hexanone	8.701	43	3495	1.971	ug/l	93
55) Dibromochloromethane	8.801	129	1072	0.291	ug/l	94
56) 1,2-Dibromoethane	8.923	107	1403	0.449	ug/l	88
58) Tetrachloroethene	8.544	164	2169	0.435	ug/l	95
59) Chlorobenzene	9.444	112	5982	0.446	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.521	131	1450	0.336	ug/l	95
61) Pentachloroethane	11.415	117	995	0.327	ug/l #	68
62) Hexachloroethane	12.467	117	768	0.255	ug/l #	82
63) Ethyl Benzene	9.563	91	10017	0.434	ug/l	96
64) m/p-Xylenes	9.689	106	7315	0.816	ug/l	92
65) o-Xylene	10.097	106	3573	0.415	ug/l	94
66) Styrene	10.113	104	5195	0.378	ug/l	93
67) Bromoform	10.287	173	428	0.226	ug/l #	81
69) Isopropylbenzene	10.480	105	8489	0.408	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	1653	0.389	ug/l #	92
71) 1,2,3-Trichloropropane	10.817	75	1806	0.524	ug/l #	80
72) Bromobenzene	10.782	156	2019	0.376	ug/l	80
73) n-propylbenzene	10.898	120	2548	0.407	ug/l	79
74) 2-Chlorotoluene	10.981	126	2230	0.403	ug/l	88
75) 1,3,5-Trimethylbenzene	11.084	105	7517	0.378	ug/l	97
76) 4-Chlorotoluene	11.097	126	2295	0.408	ug/l	92
77) tert-Butylbenzene	11.412	119	7570	0.398	ug/l	94
78) 1,2,4-Trimethylbenzene	11.463	105	7613	0.386	ug/l	100
79) sec-Butylbenzene	11.637	105	10630	0.415	ug/l	96
81) p-Isopropyltoluene	11.788	119	8223	0.384	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	4276	0.398	ug/l	95
83) 1,4-Dichlorobenzene	11.833	146	4640	0.431	ug/l	98
84) n-Butylbenzene	12.203	91	8117	0.409	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	4549	0.450	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.994	75	45	0.075	ug/l #	3
87) 1,2,4-Trichlorobenzene	13.839	180	4657	0.741	ug/l	95
88) Hexachlorobutadiene	14.013	225	1602	0.449	ug/l	88
89) Naphthalene	14.094	128	5620	0.499	ug/l	96
90) 1,2,3-Trichlorobenzene	14.325	180	3020	0.520	ug/l	94

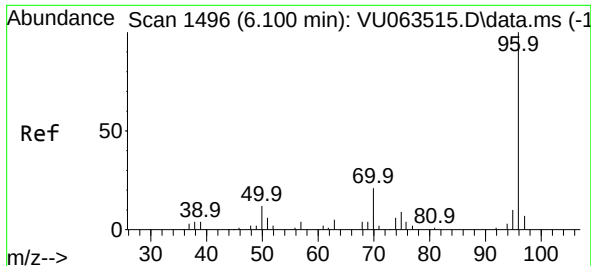
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063542.D
 Acq On : 18 Jul 2025 17:56
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

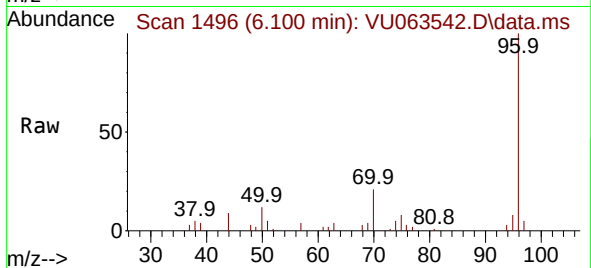
Quant Time: Jul 19 00:21:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Jul 19 00:21:13 2025
 Response via : Initial Calibration



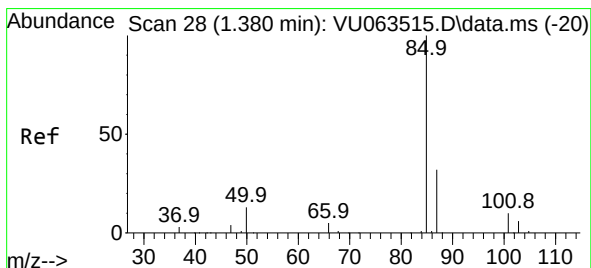
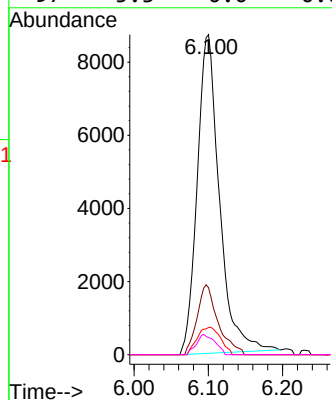
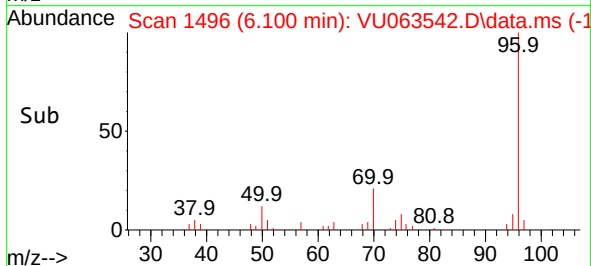


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

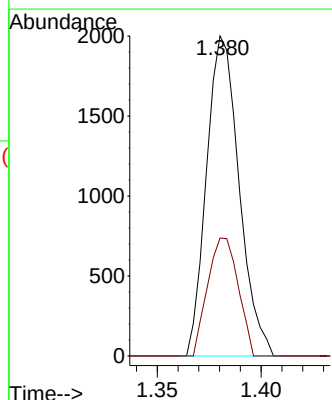
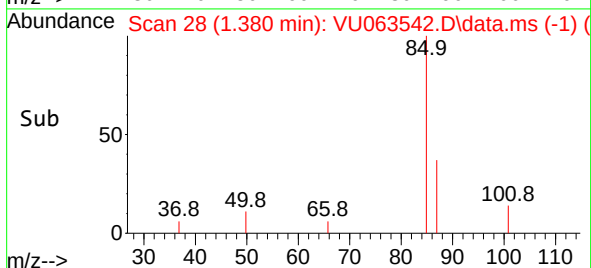
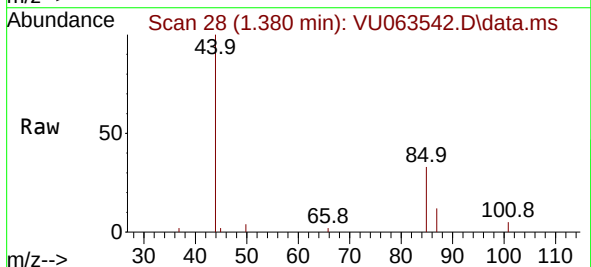


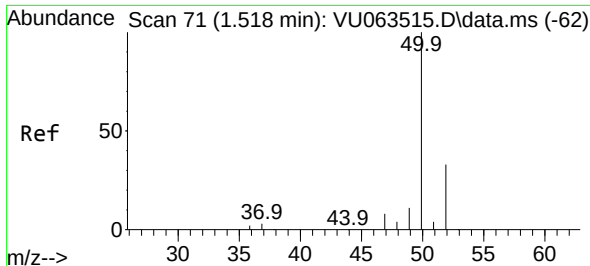
Tgt Ion:	96	Resp:	18139
Ion Ratio	Lower	Upper	
96	100		
70	20.6	15.0	22.4
95	9.0	7.4	11.0
97	5.3	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.408 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:	85	Resp:	2181
Ion Ratio	Lower	Upper	
85	100		
87	36.8	16.0	47.9

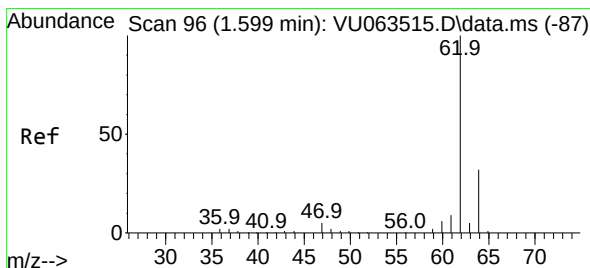
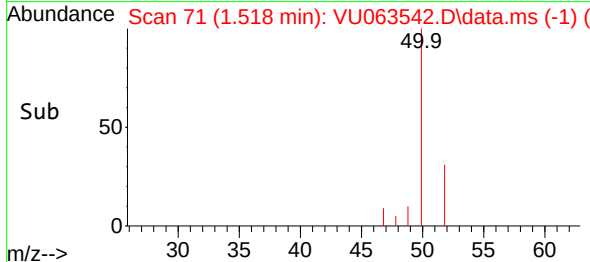
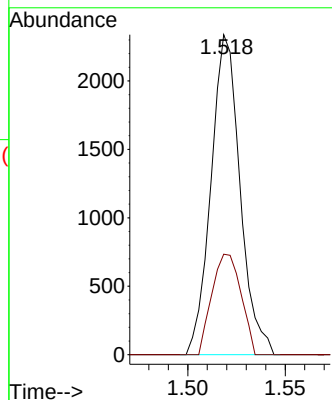
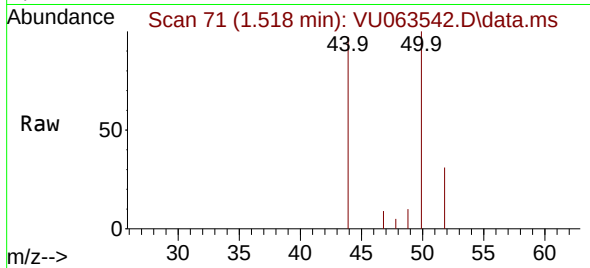




#3
Chloromethane
Concen: 0.488 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

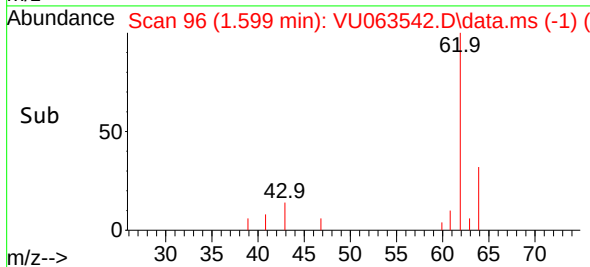
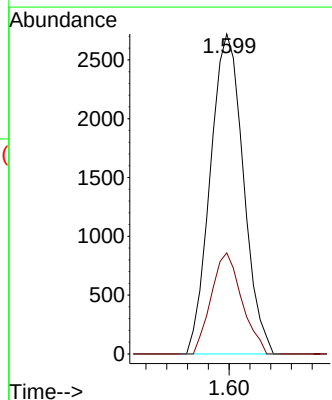
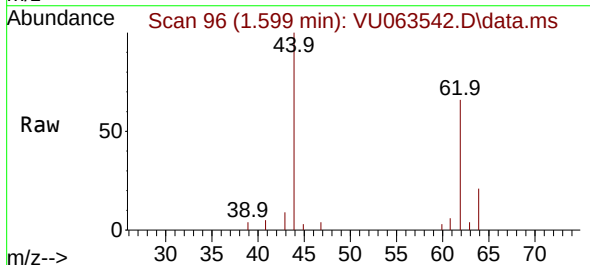
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

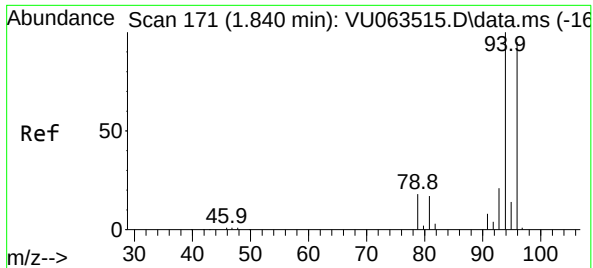
Tgt Ion: 50 Resp: 2424
Ion Ratio Lower Upper
50 100
52 31.4 26.3 39.5



#4
Vinyl Chloride
Concen: 0.474 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 62 Resp: 3001
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5

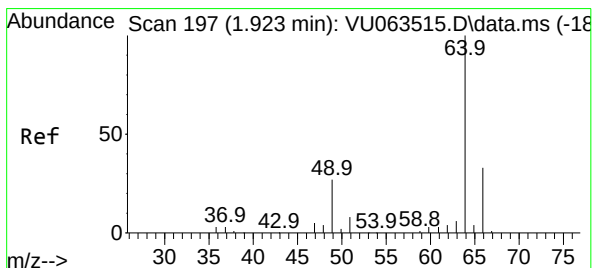
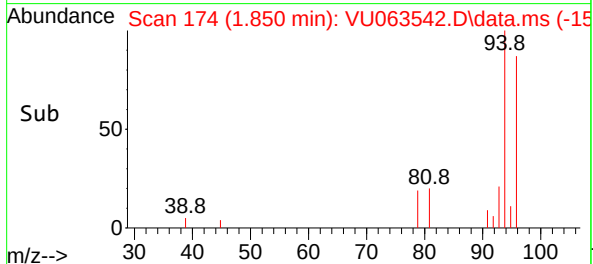
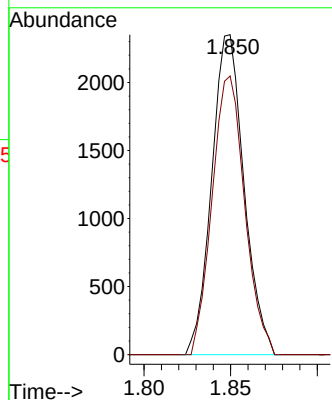
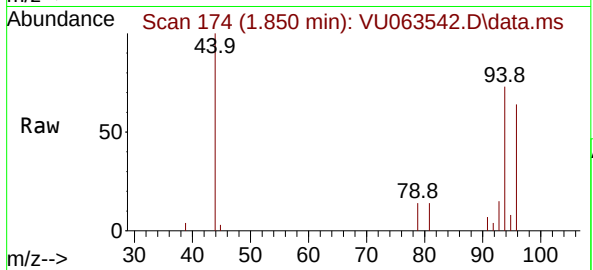




#5
Bromomethane
Concen: 0.640 ug/l
RT: 1.850 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

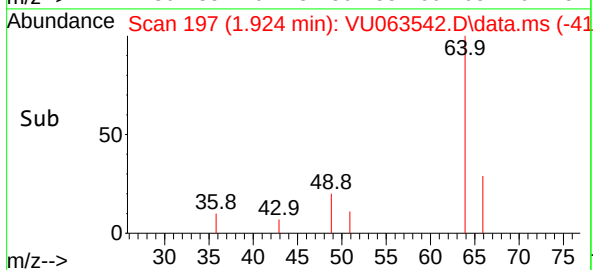
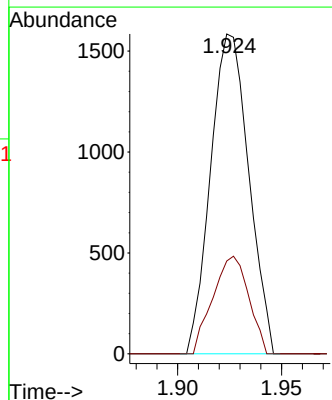
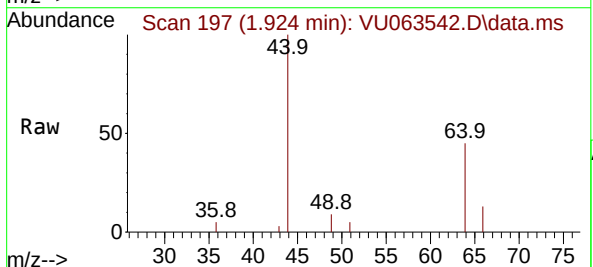
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

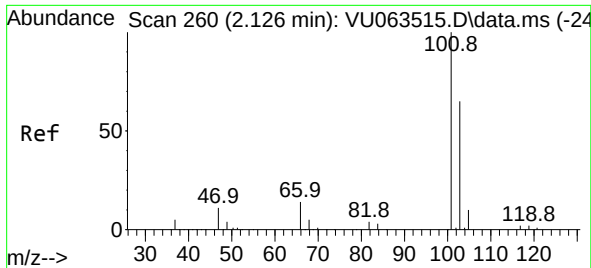
Tgt Ion: 94 Resp: 3057
Ion Ratio Lower Upper
94 100
96 87.1 75.8 113.6



#6
Chloroethane
Concen: 0.529 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 64 Resp: 2024
Ion Ratio Lower Upper
64 100
66 29.0 26.2 39.4

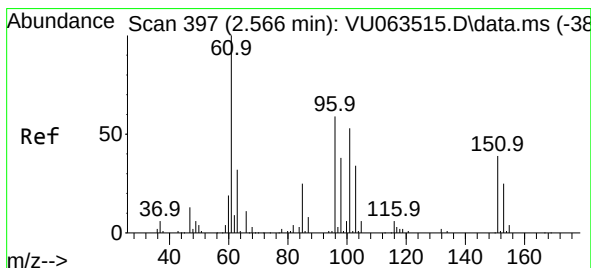
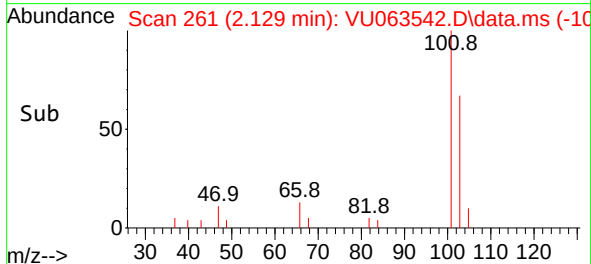
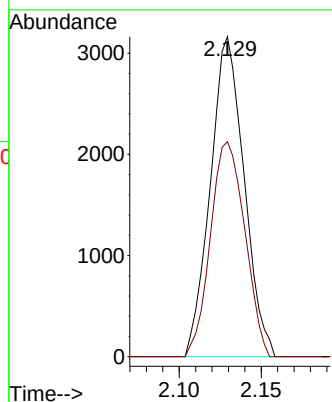
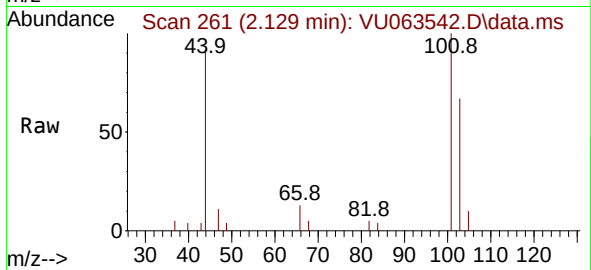




#7
 Trichlorofluoromethane
 Concen: 0.497 ug/l
 RT: 2.129 min Scan# 260
 Delta R.T. 0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

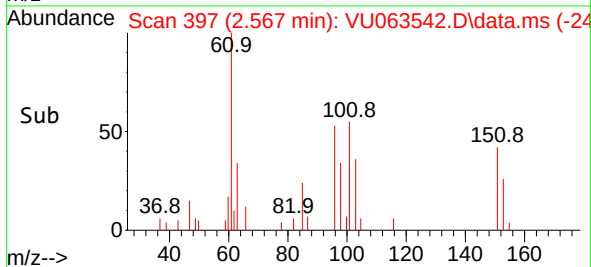
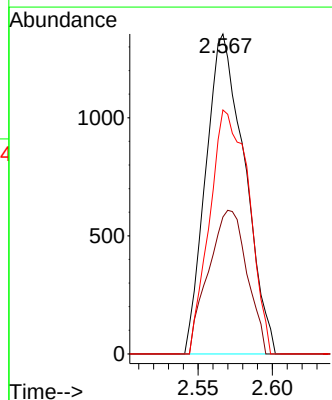
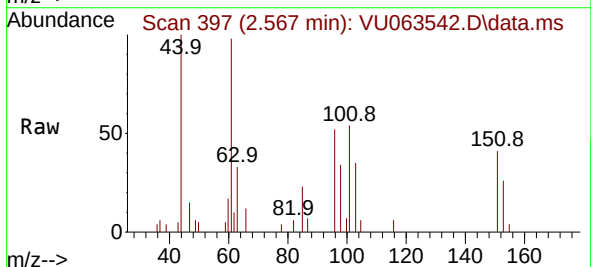
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

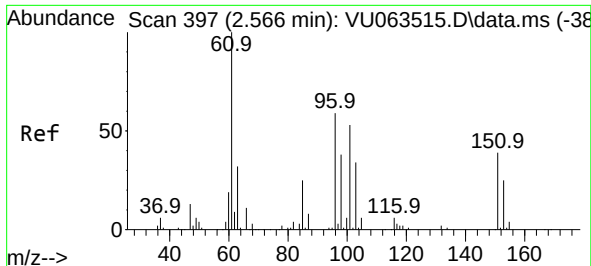
Tgt Ion:101 Resp: 4516
 Ion Ratio Lower Upper
 101 100
 103 67.2 52.2 78.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.518 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

Tgt Ion:101 Resp: 2460
 Ion Ratio Lower Upper
 101 100
 85 44.5 37.8 56.6
 151 77.2 59.2 88.8

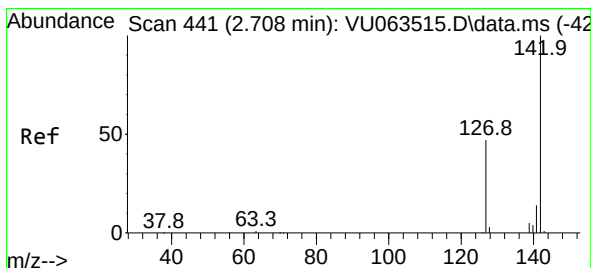
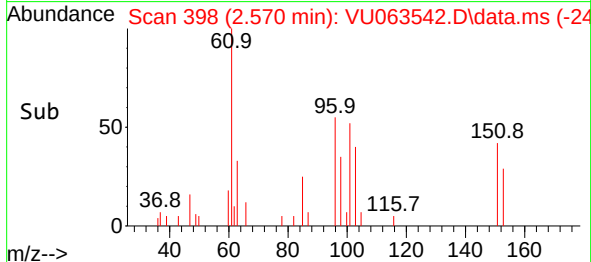
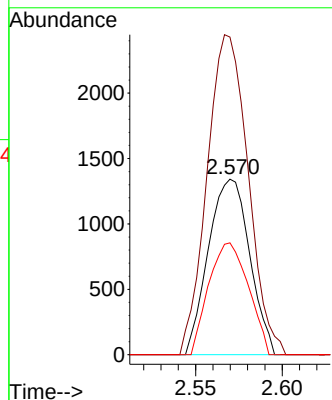
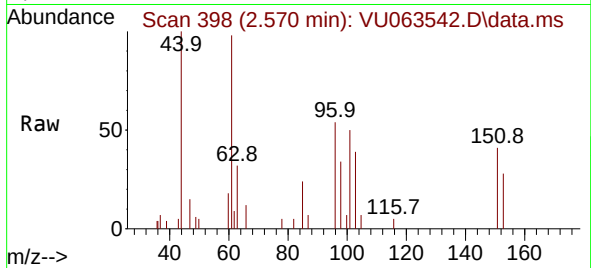




#9
1,1-Dichloroethene
Concen: 0.472 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

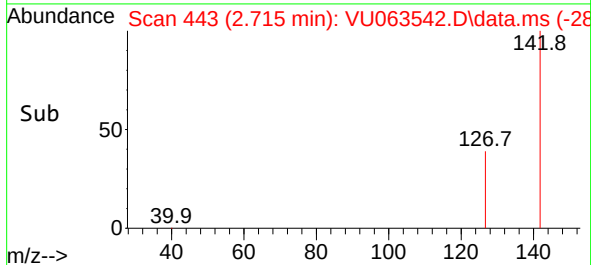
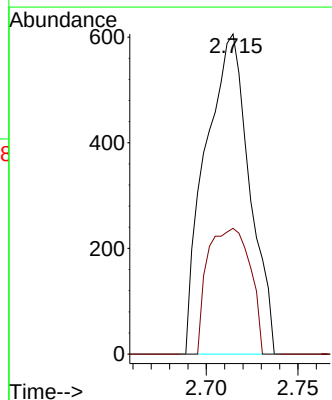
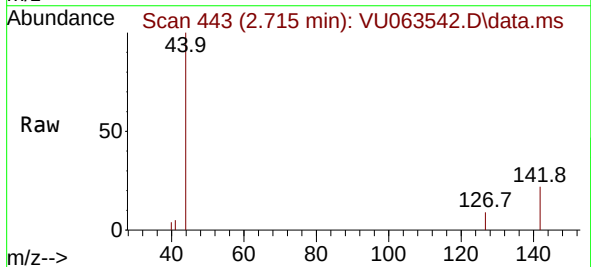
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

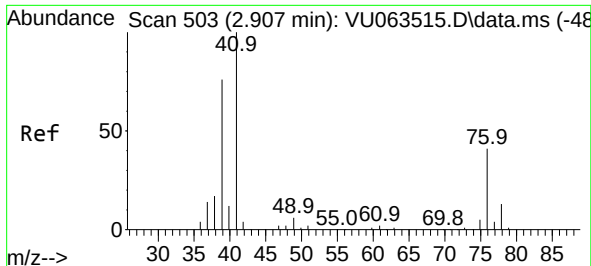
Tgt Ion: 96 Resp: 2225
Ion Ratio Lower Upper
96 100
61 180.9 0.0 504.3
98 63.7 0.0 126.8



#10
Iodomethane
Concen: 0.177 ug/l
RT: 2.715 min Scan# 443
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 142 Resp: 1009
Ion Ratio Lower Upper
142 100
127 37.9 37.9 56.9#

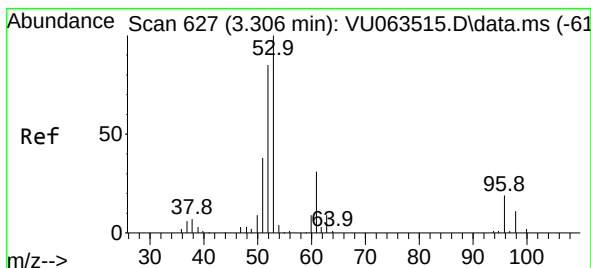
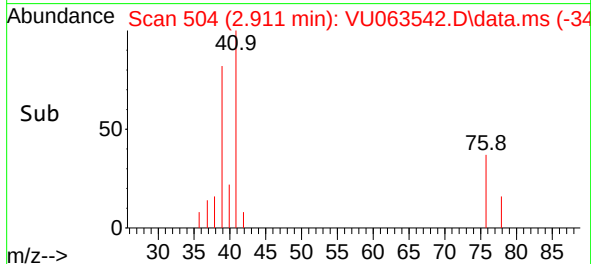
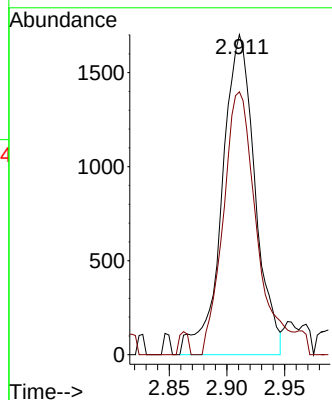
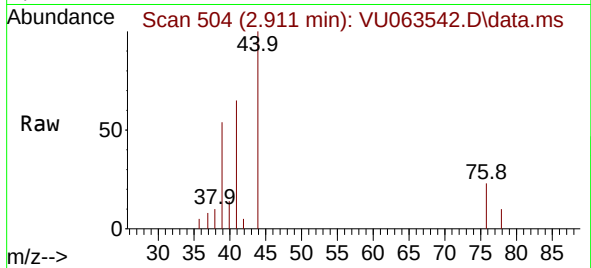




#11
Allyl Chloride
Concen: 0.497 ug/l
RT: 2.911 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

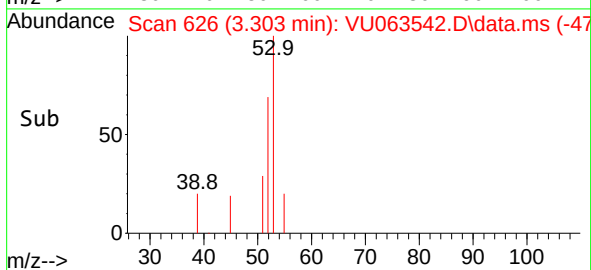
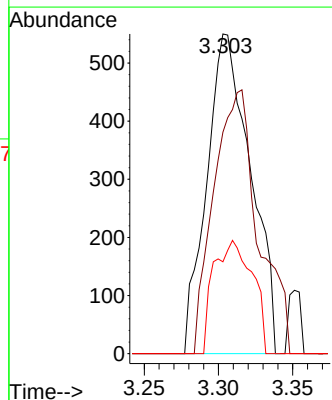
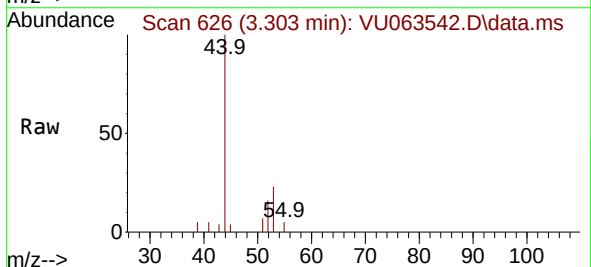
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

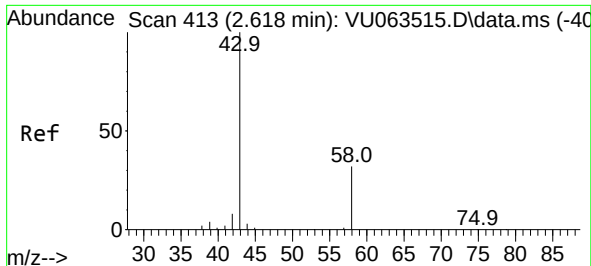
Tgt Ion: 41 Resp: 3383
Ion Ratio Lower Upper
41 100
39 83.4 61.5 92.3



#12
Acrylonitrile
Concen: 0.960 ug/l
RT: 3.303 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 53 Resp: 1131
Ion Ratio Lower Upper
53 100
52 83.8 64.3 96.5
51 31.2 27.8 41.8





#13

Acetone

Concen: 2.983 ug/l

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

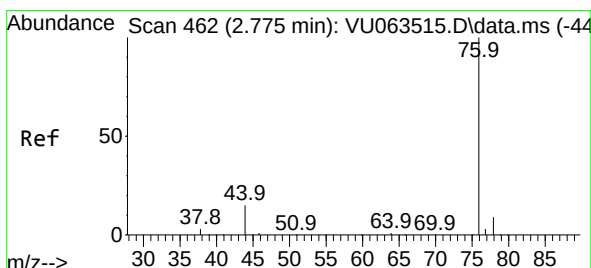
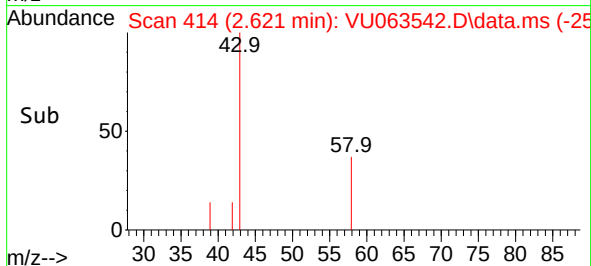
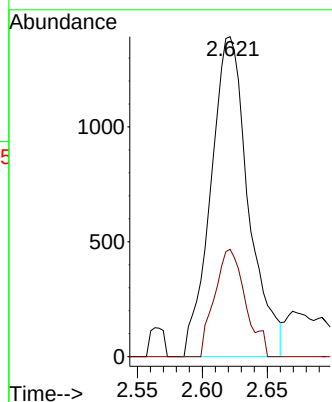
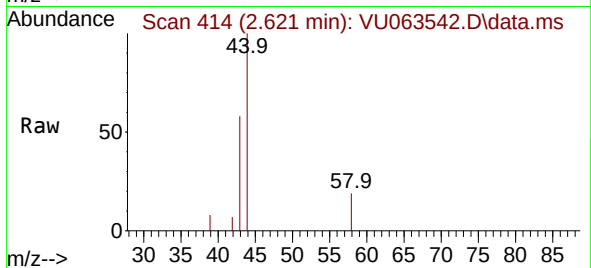
RL-CHECK

Tgt Ion: 43 Resp: 2815

Ion Ratio Lower Upper

43 100

58 33.5 25.4 38.0



#14

Carbon Disulfide

Concen: 0.356 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063542.D

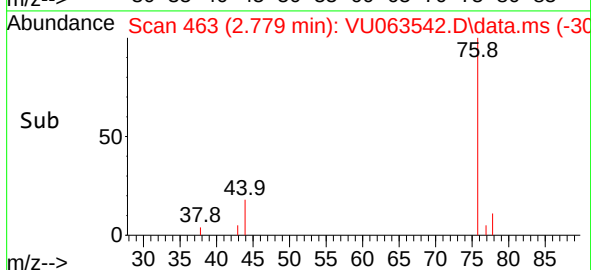
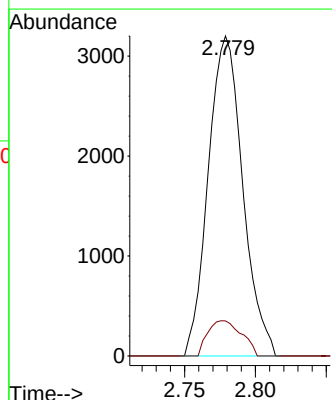
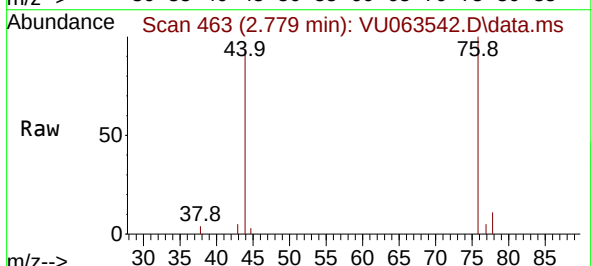
Acq: 18 Jul 2025 17:56

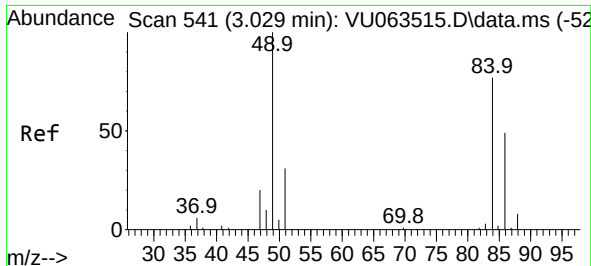
Tgt Ion: 76 Resp: 5411

Ion Ratio Lower Upper

76 100

78 10.9 7.0 10.6#



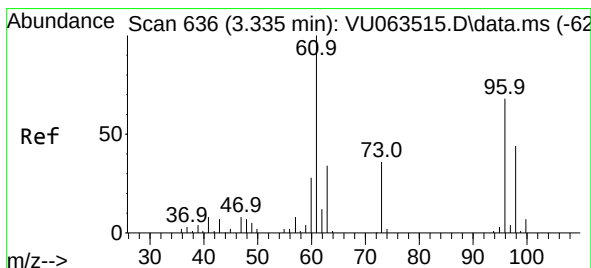
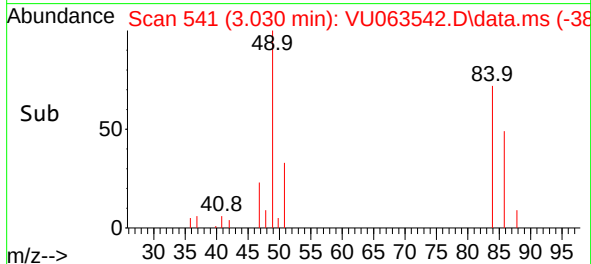
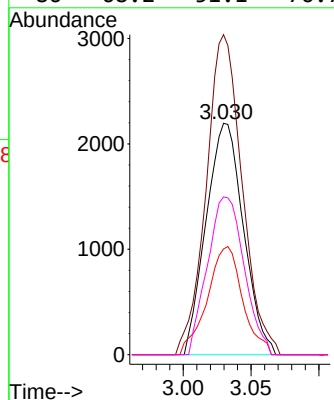
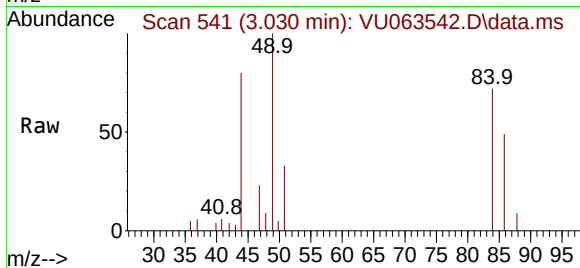


#15
Methylene Chloride
Concen: 0.758 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 84 Resp: 4204

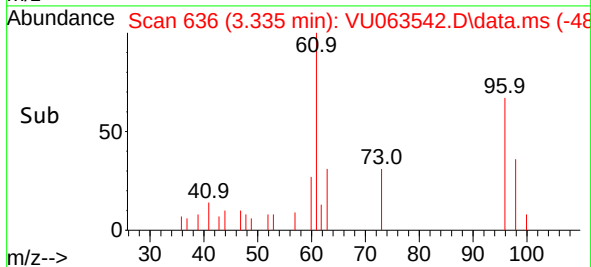
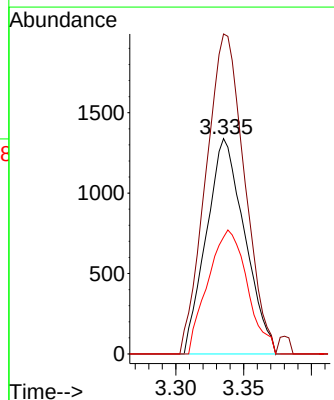
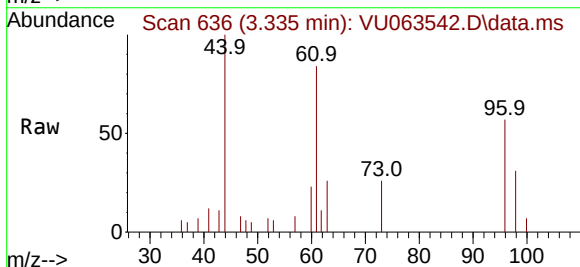
Ion	Ratio	Lower	Upper
84	100		
49	138.3	103.8	155.8
51	45.7	0.0	80.4
86	68.2	51.1	76.7

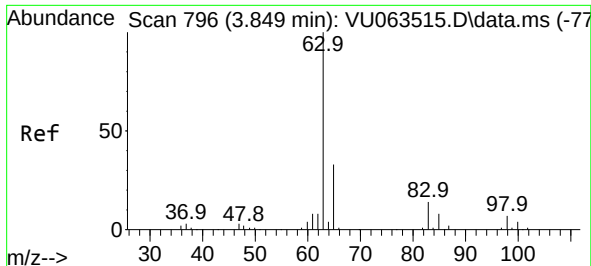


#16
trans-1,2-Dichloroethene
Concen: 0.491 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 96 Resp: 2626

Ion	Ratio	Lower	Upper
96	100		
61	148.6	117.2	175.8
98	54.2	51.4	77.2





#17

1,1-Dichloroethane

Concen: 0.513 ug/l

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

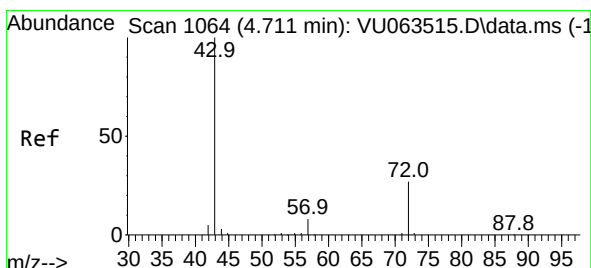
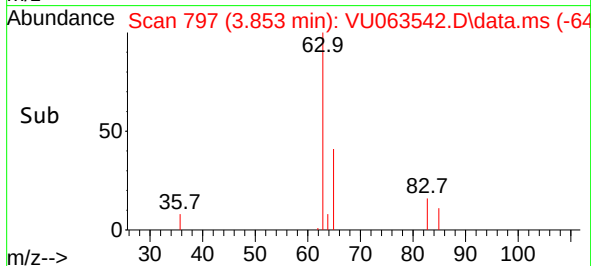
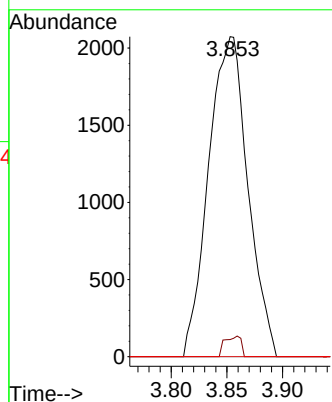
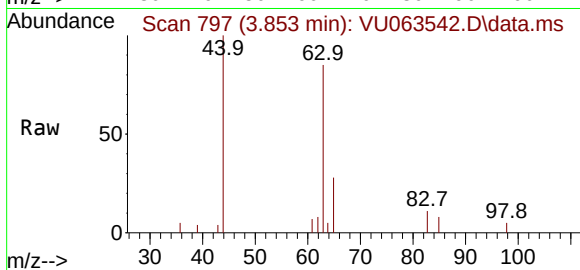
Tgt Ion: 63 Resp: 5085

Ion Ratio Lower Upper

63 100

98 5.4 3.4 10.2

100 0.0 2.1 6.2#



#18

2-Butanone

Concen: 2.401 ug/l

RT: 4.718 min Scan# 1066

Delta R.T. 0.007 min

Lab File: VU063542.D

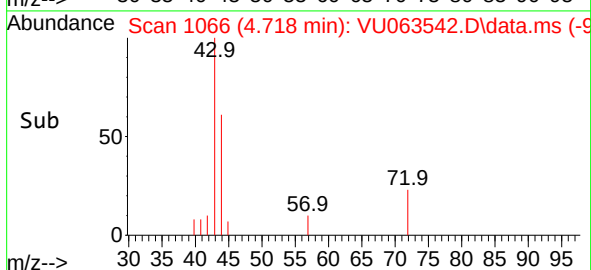
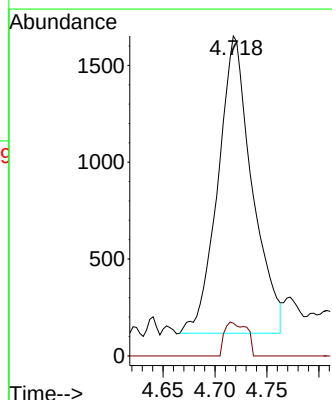
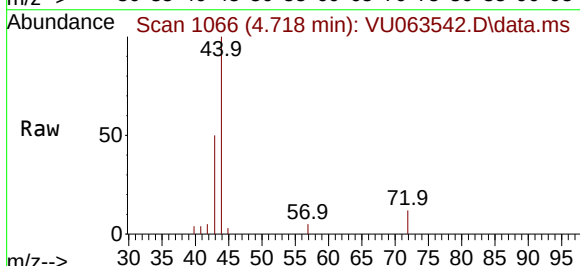
Acq: 18 Jul 2025 17:56

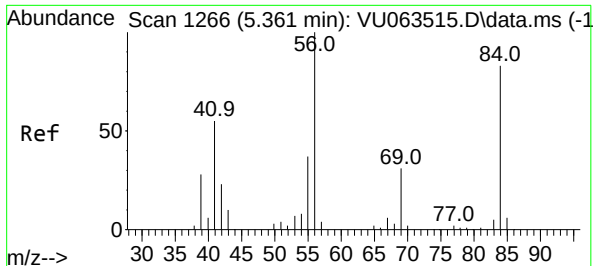
Tgt Ion: 43 Resp: 3509

Ion Ratio Lower Upper

43 100

57 11.0 0.0 16.4





#19

Cyclohexane

Concen: 0.475 ug/l

RT: 5.358 min Scan# 1265

Delta R.T. -0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

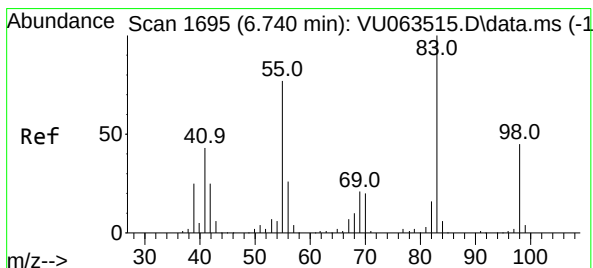
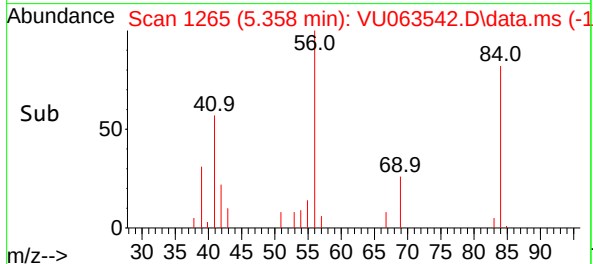
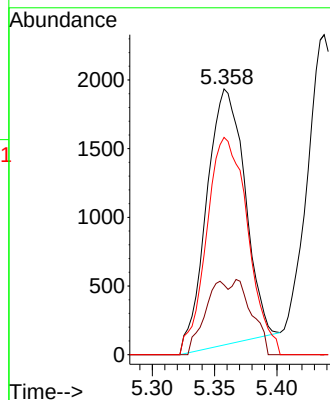
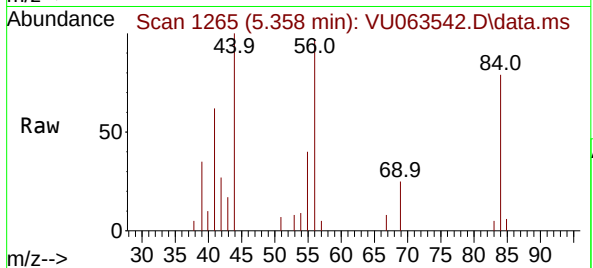
Tgt Ion: 56 Resp: 3989

Ion Ratio Lower Upper

56 100

69 17.6 26.6 39.8#

84 91.3 71.0 106.4



#20

Methylcyclohexane

Concen: 0.408 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

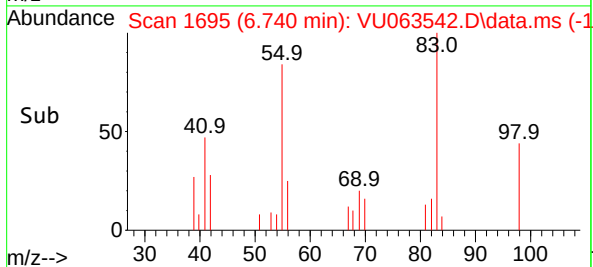
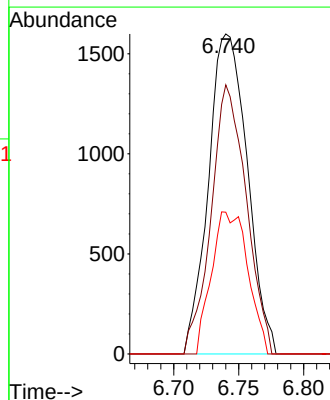
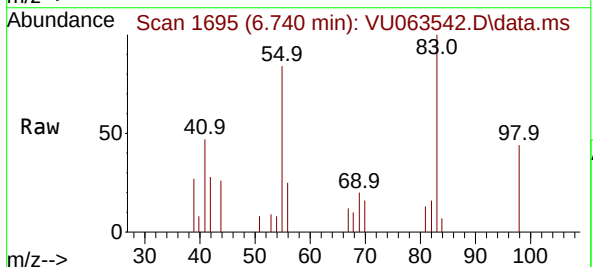
Tgt Ion: 83 Resp: 3325

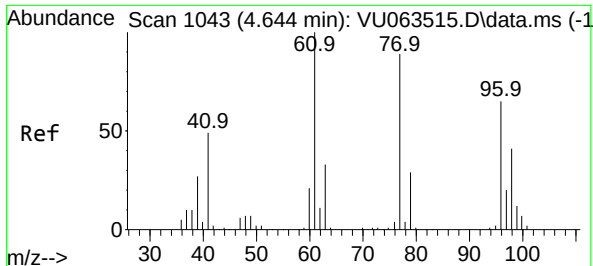
Ion Ratio Lower Upper

83 100

55 76.1 60.6 90.8

98 41.6 35.8 53.8





#21

2,2-Dichloropropane

Concen: 0.424 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

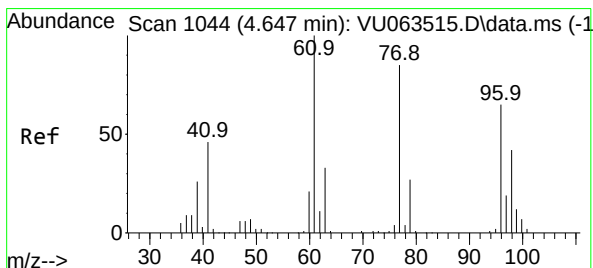
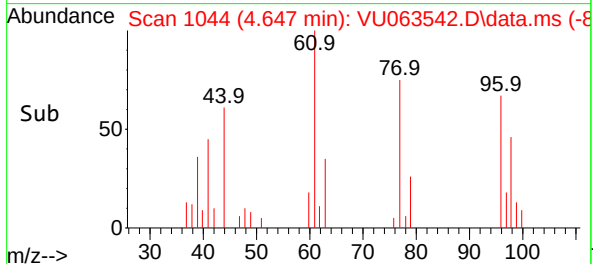
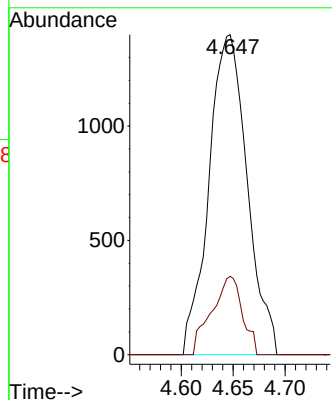
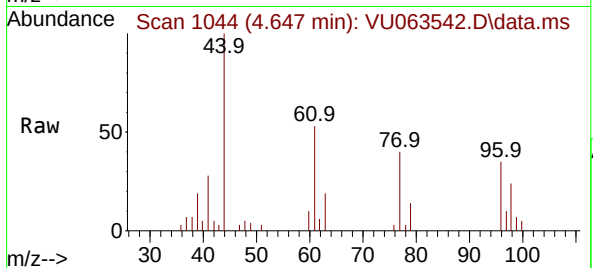
RL-CHECK

Tgt Ion: 77 Resp: 3583

Ion Ratio Lower Upper

77 100

97 19.6 17.8 26.8



#22

cis-1,2-Dichloroethene

Concen: 0.502 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

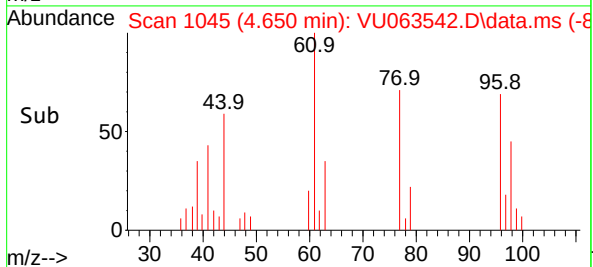
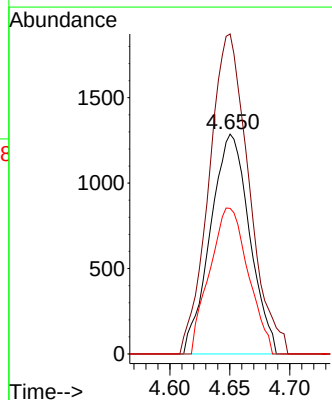
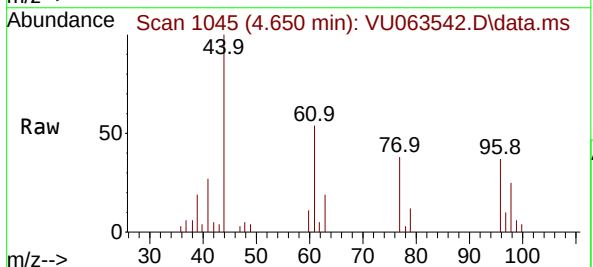
Tgt Ion: 96 Resp: 2915

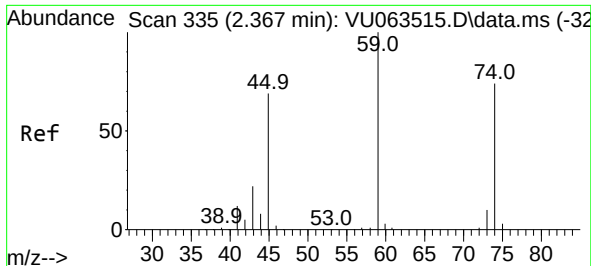
Ion Ratio Lower Upper

96 100

61 148.3 0.0 384.7

98 65.4 32.1 96.3





#23

Diethyl Ether

Concen: 0.502 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

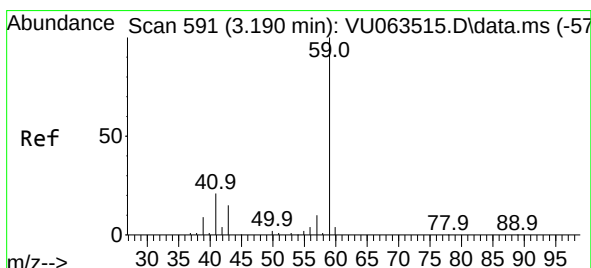
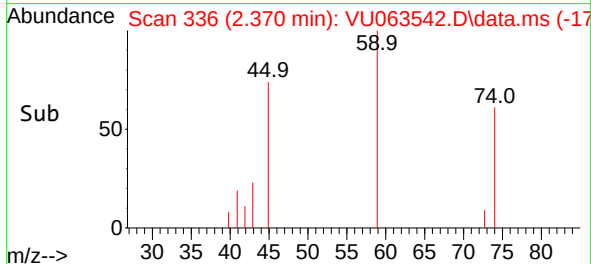
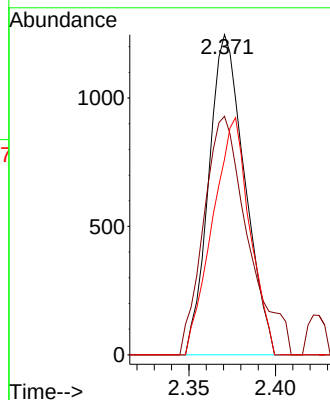
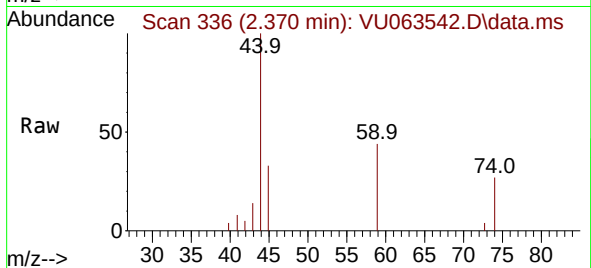
Tgt Ion: 59 Resp: 1801

Ion Ratio Lower Upper

59 100

45 91.2 55.1 82.7#

74 76.6 58.2 87.4



#24

tert-Butyl Alcohol

Concen: 5.370 ug/l

RT: 3.197 min Scan# 593

Delta R.T. 0.007 min

Lab File: VU063542.D

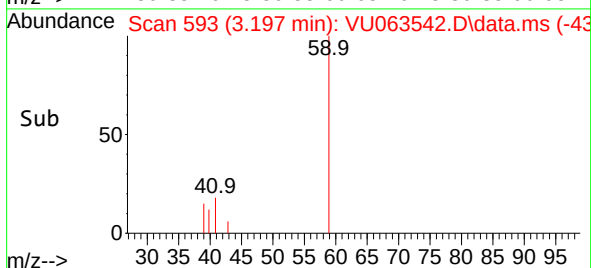
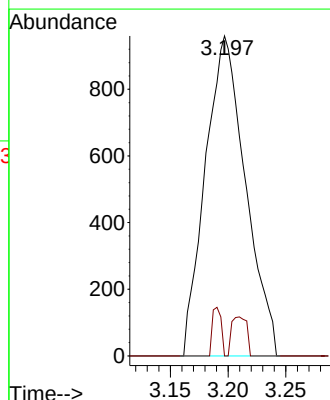
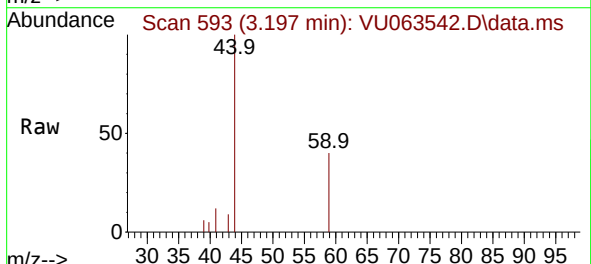
Acq: 18 Jul 2025 17:56

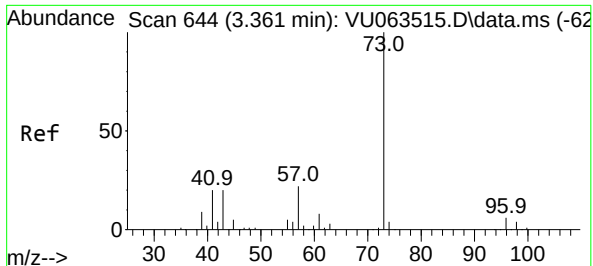
Tgt Ion: 59 Resp: 2326

Ion Ratio Lower Upper

59 100

57 3.3 8.6 12.8#

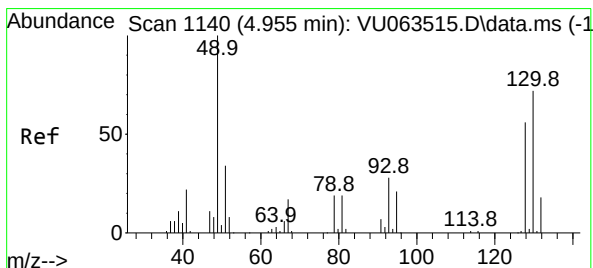
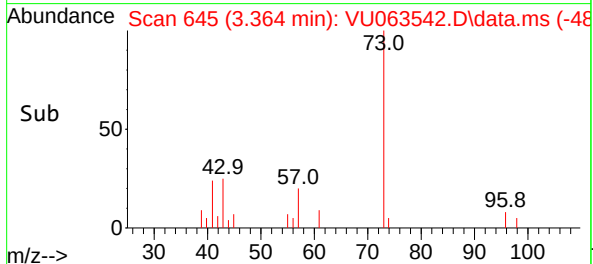
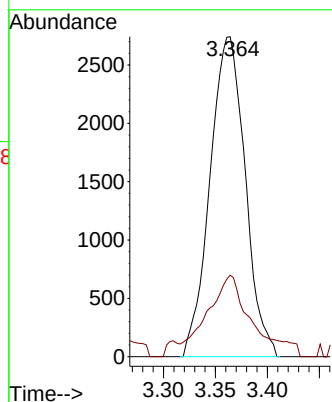
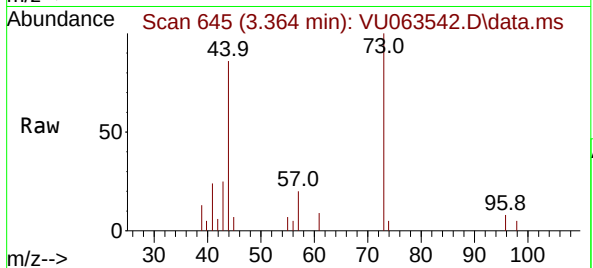




#25
Methyl tert-Butyl Ether
Concen: 0.525 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

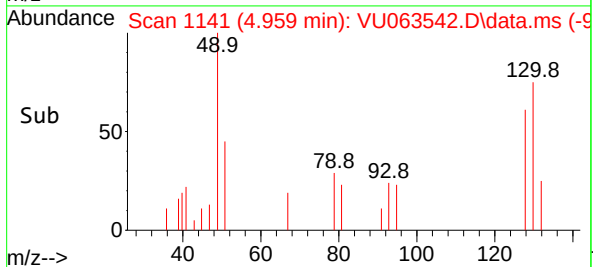
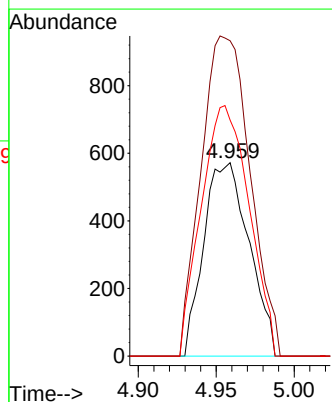
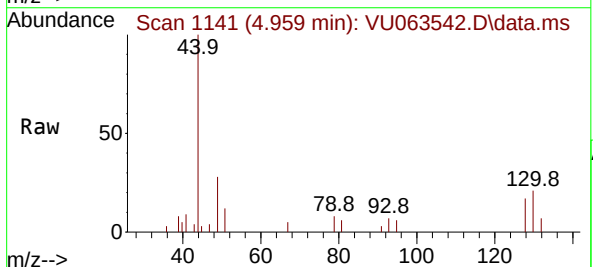
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

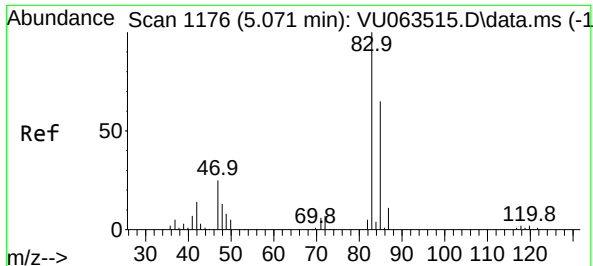
Tgt Ion: 73 Resp: 6460
Ion Ratio Lower Upper
73 100
43 32.1 16.2 24.2#



#26
Bromochloromethane
Concen: 0.476 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 128 Resp: 1154
Ion Ratio Lower Upper
128 100
49 179.7 0.0 340.8
130 137.4 100.5 150.7





#27

Chloroform

Concen: 0.518 ug/l

RT: 5.075 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

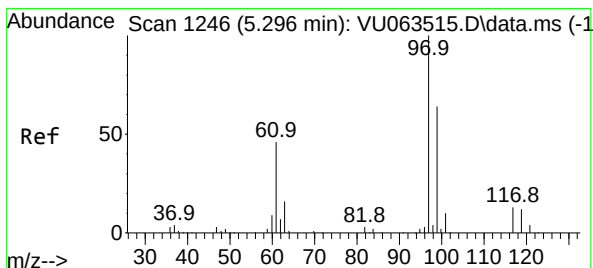
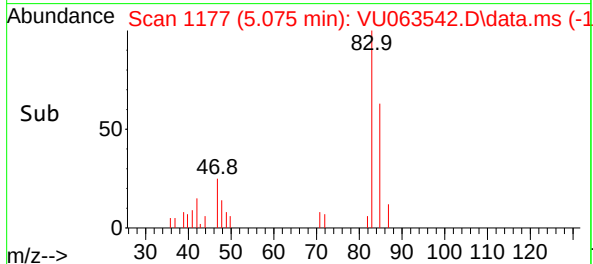
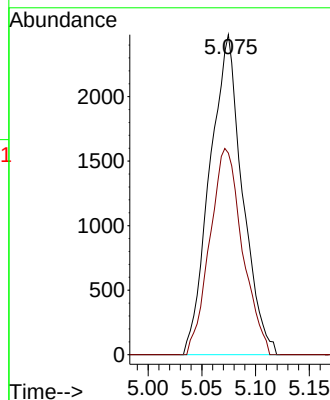
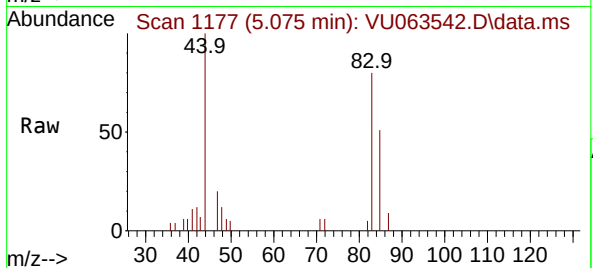
RL-CHECK

Tgt Ion: 83 Resp: 5235

Ion Ratio Lower Upper

83 100

85 63.0 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 0.458 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

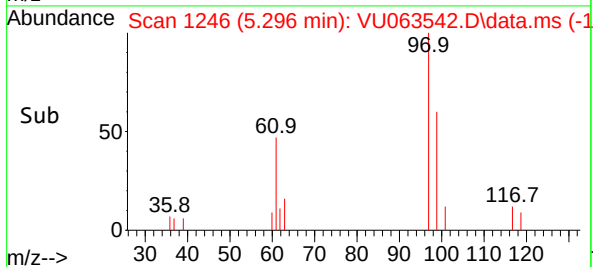
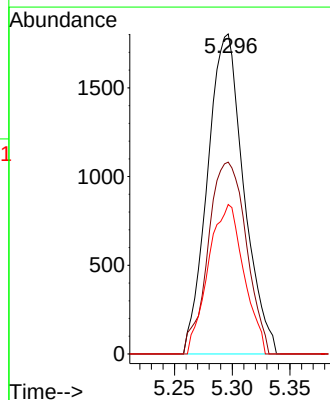
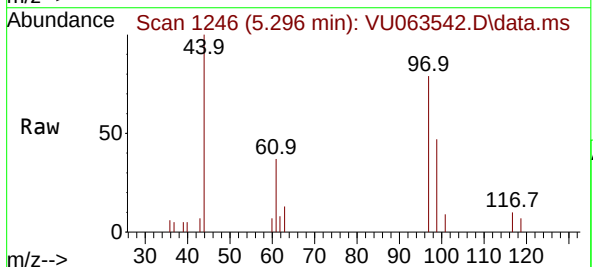
Tgt Ion: 97 Resp: 3935

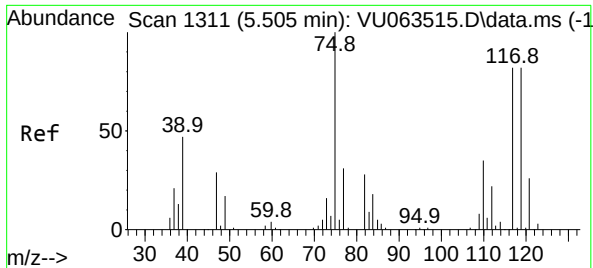
Ion Ratio Lower Upper

97 100

99 63.2 31.8 95.3

61 45.7 23.3 69.9

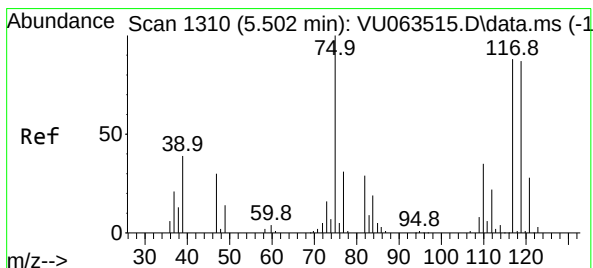
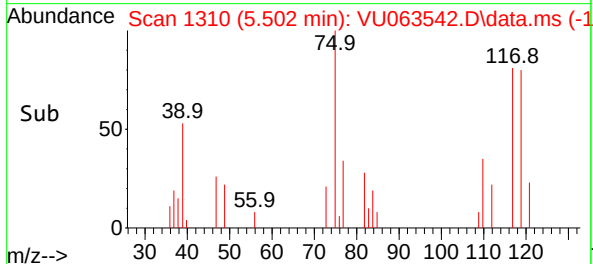
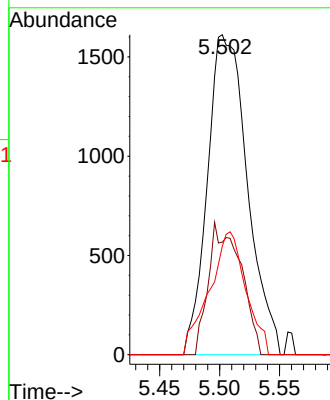
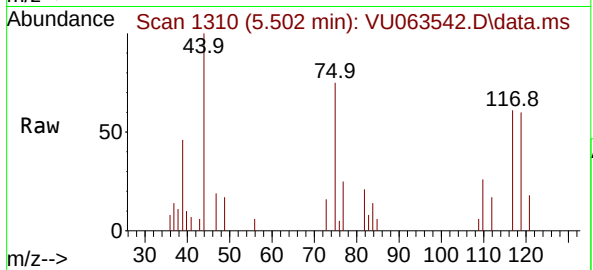




#29
1,1-Dichloropropene
Concen: 0.470 ug/l
RT: 5.502 min Scan# 1311
Delta R.T. -0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

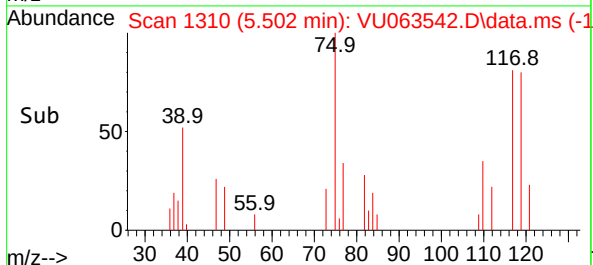
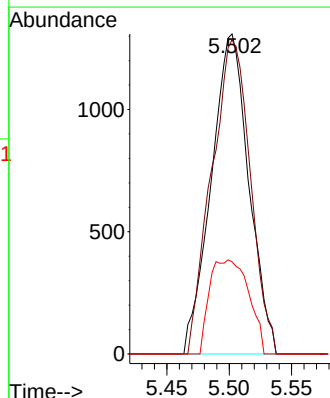
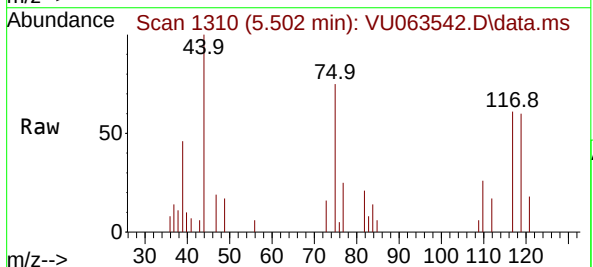
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

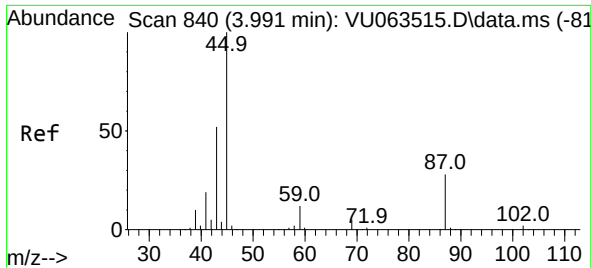
Tgt Ion: 75 Resp: 3740
Ion Ratio Lower Upper
75 100
110 15.1 17.8 53.4#
77 35.2 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.398 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 117 Resp: 2748
Ion Ratio Lower Upper
117 100
119 98.2 79.2 118.8
121 28.8 25.5 38.3

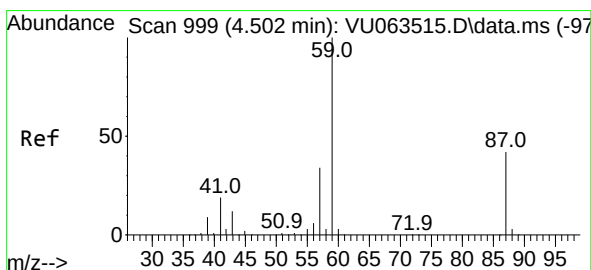
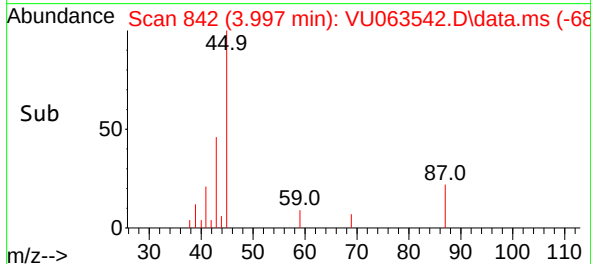
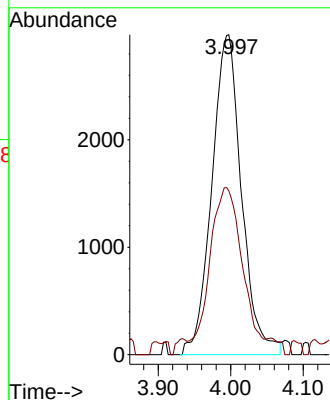
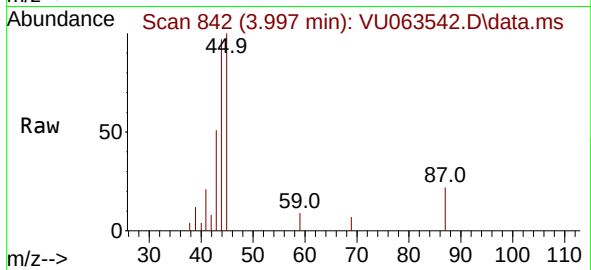




#31
Isopropyl Ether
Concen: 0.566 ug/l
RT: 3.997 min Scan# 841
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

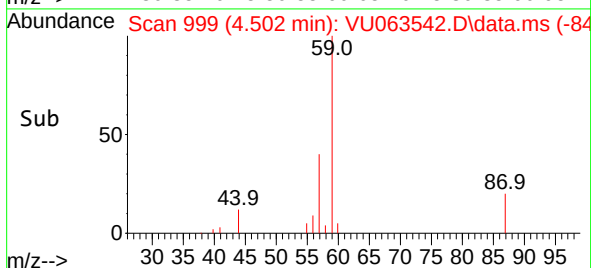
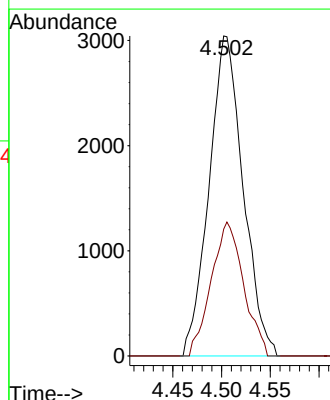
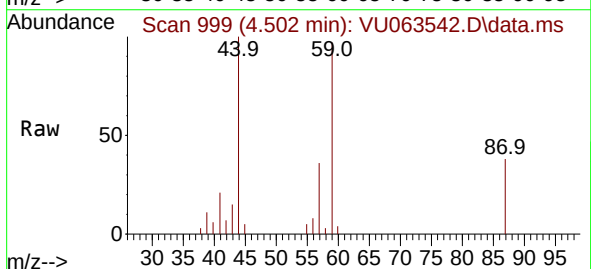
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

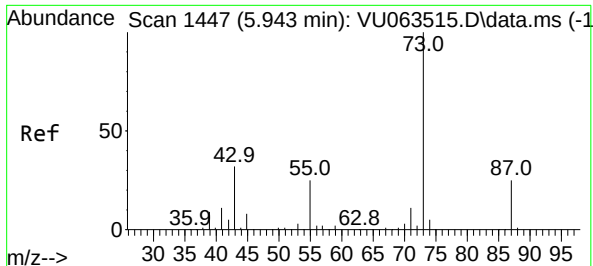
Tgt Ion: 45 Resp: 8475
Ion Ratio Lower Upper
45 100
43 50.0 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 0.534 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 59 Resp: 7398
Ion Ratio Lower Upper
59 100
87 39.8 32.6 49.0

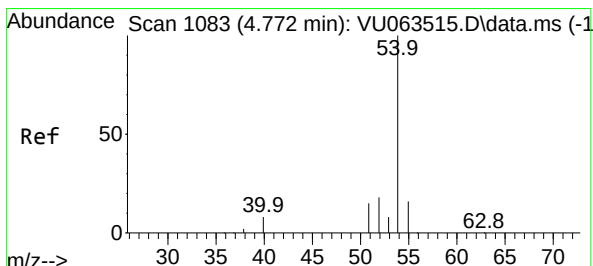
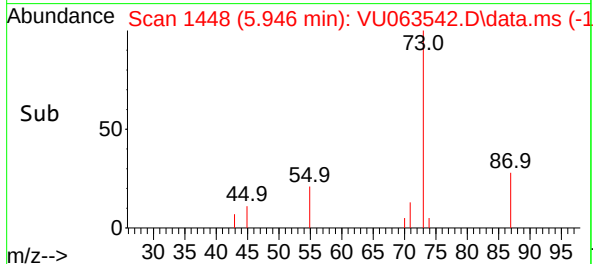
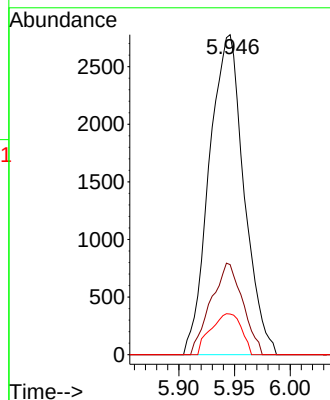
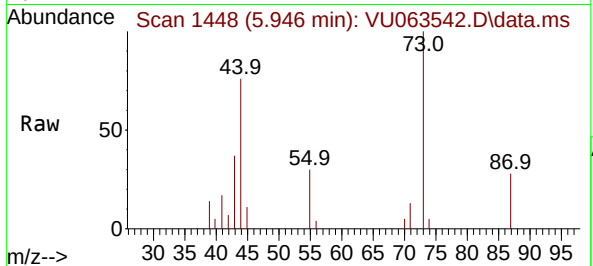




#33
Tert-Amyl methyl ether
Concen: 0.501 ug/l
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

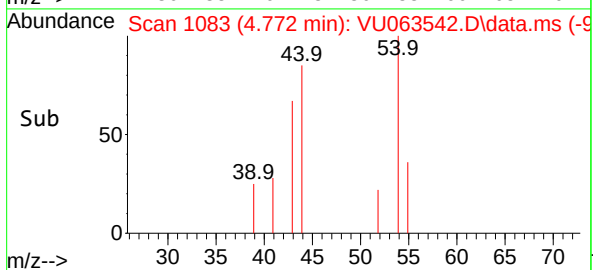
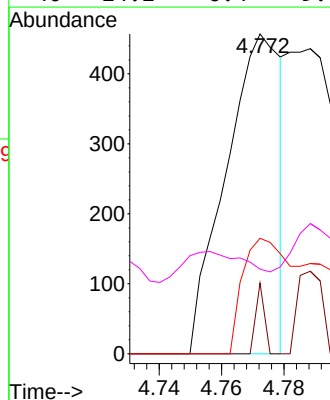
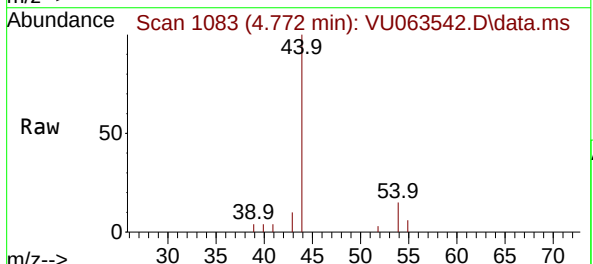
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

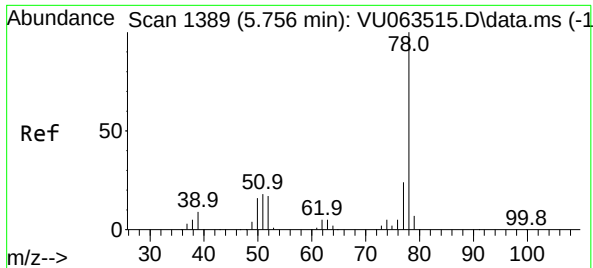
Tgt Ion: 73	Resp: 6017		
Ion Ratio	Lower	Upper	
73	100		
87	26.2	19.4	29.2
71	11.3	8.9	13.3



#34
Propionitrile
Concen: 1.251 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt	Ion: 54	Resp:	557
Ion	Ratio	Lower	Upper
54	100		
52	3.4	17.0	25.4#
55	33.6	13.6	20.4#
40	24.2	6.4	9.6#

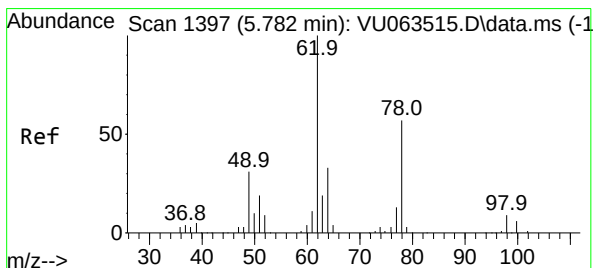
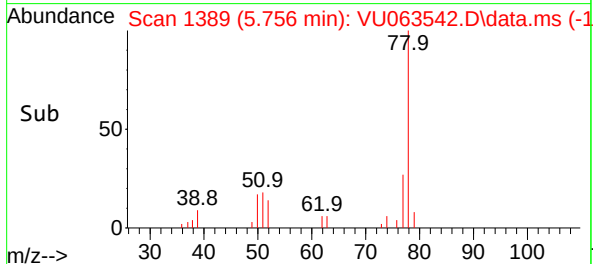
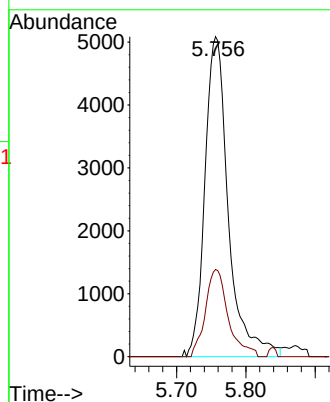
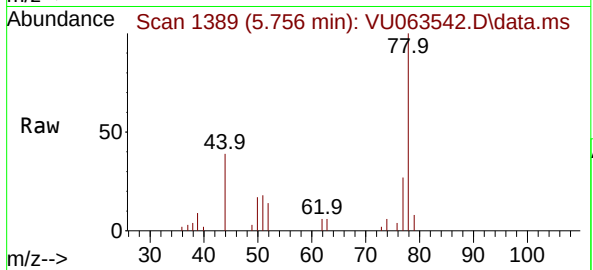




#35
Benzene
Concen: 0.558 ug/l
RT: 5.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

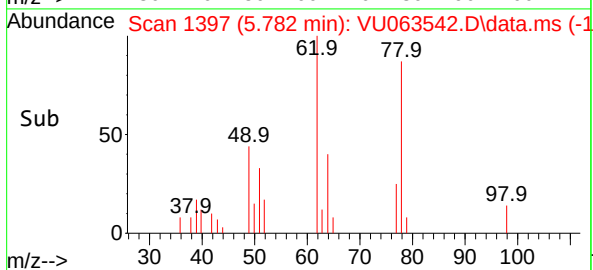
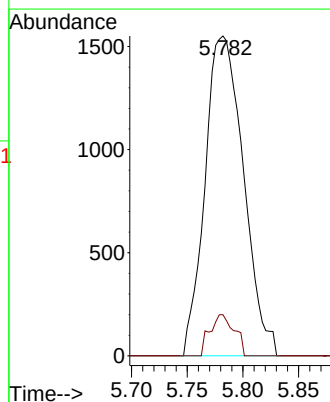
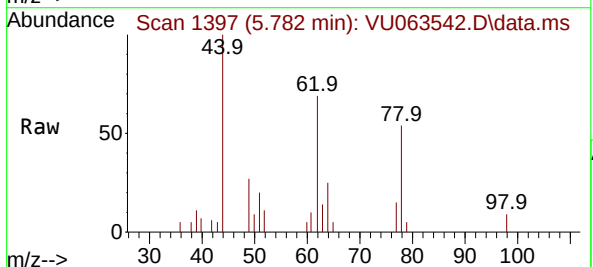
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

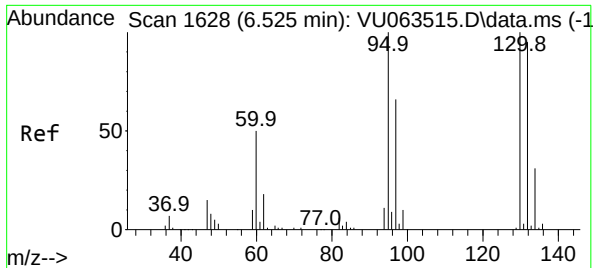
Tgt Ion: 78 Resp: 11927
Ion Ratio Lower Upper
78 100
77 27.2 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.561 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 62 Resp: 3723
Ion Ratio Lower Upper
62 100
98 8.2 6.4 9.6

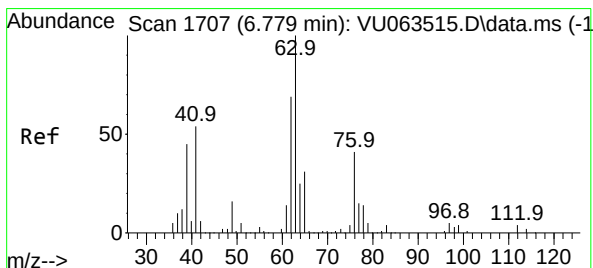
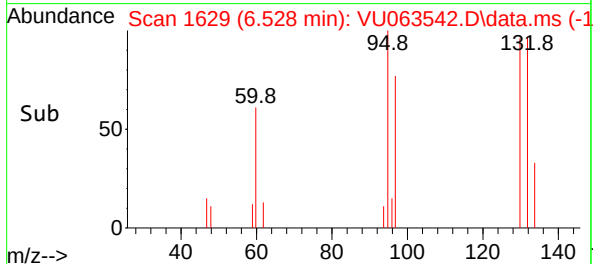
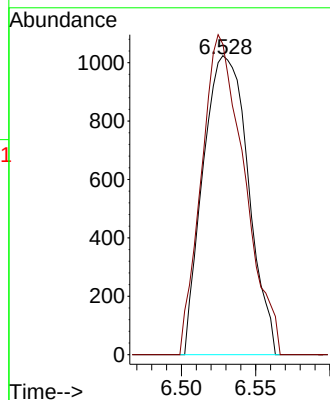
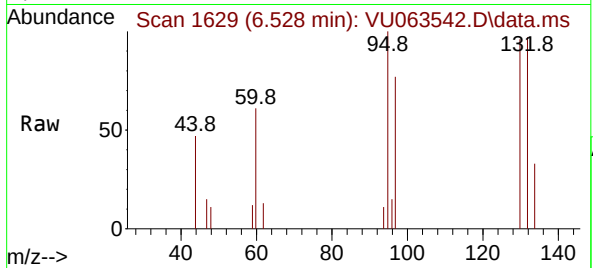




#37
 Trichloroethene
 Concen: 0.396 ug/l
 RT: 6.528 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

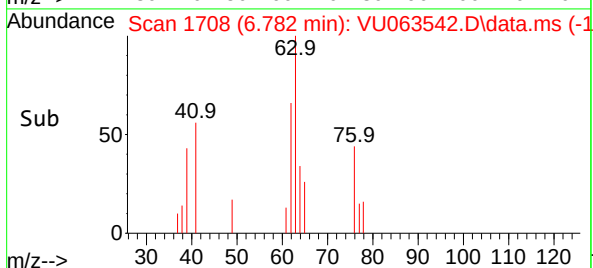
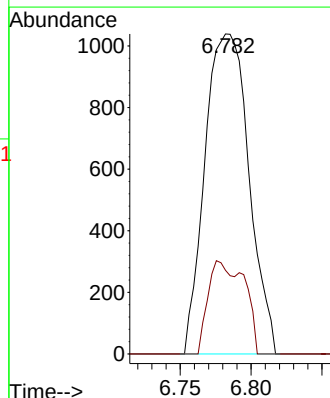
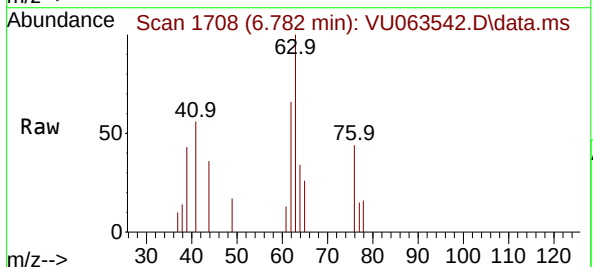
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

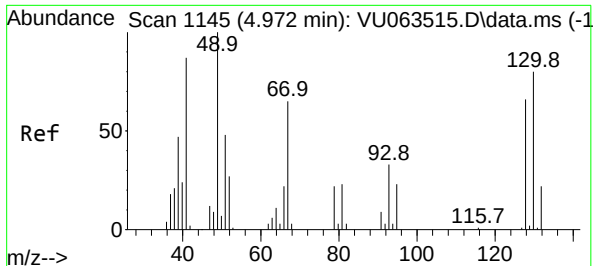
Tgt Ion:130 Resp: 2161
 Ion Ratio Lower Upper
 130 100
 95 103.8 80.3 120.5



#38
 1,2-Dichloropropane
 Concen: 0.449 ug/l
 RT: 6.782 min Scan# 1708
 Delta R.T. 0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

Tgt Ion: 63 Resp: 2244
 Ion Ratio Lower Upper
 63 100
 65 26.2 24.6 36.8





#39

Methacrylonitrile

Concen: 0.658 ug/l

RT: 4.975 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 41 Resp: 1303

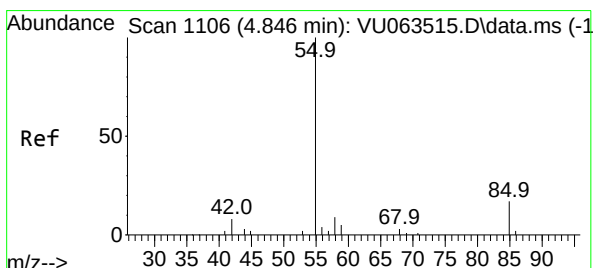
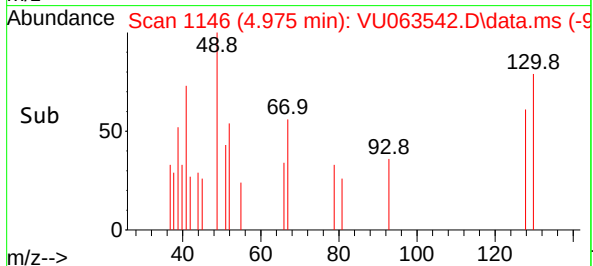
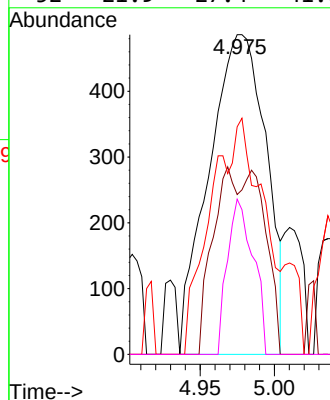
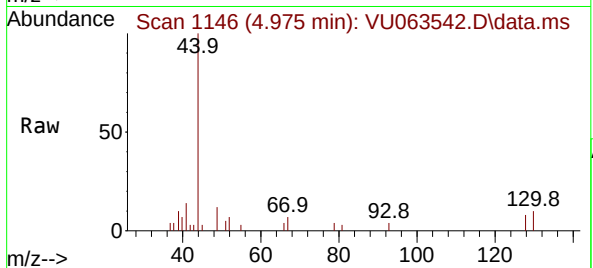
Ion Ratio Lower Upper

41 100

67 25.4 62.7 94.1#

39 27.5 43.1 64.7#

52 21.9 27.4 41.0#



#40

Methyl acrylate

Concen: 0.621 ug/l

RT: 4.853 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Tgt Ion: 55 Resp: 1798

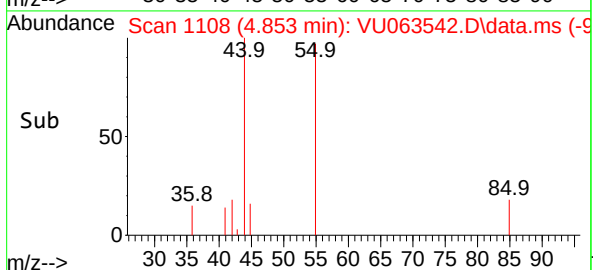
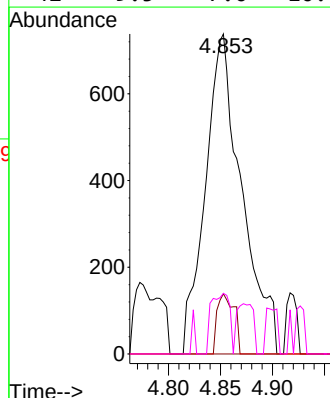
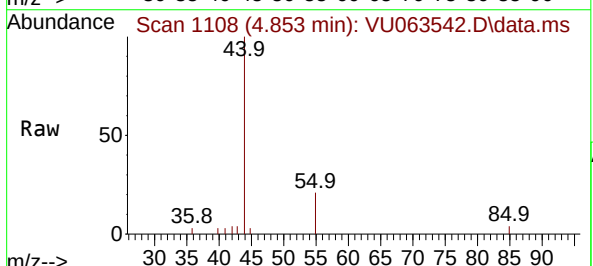
Ion Ratio Lower Upper

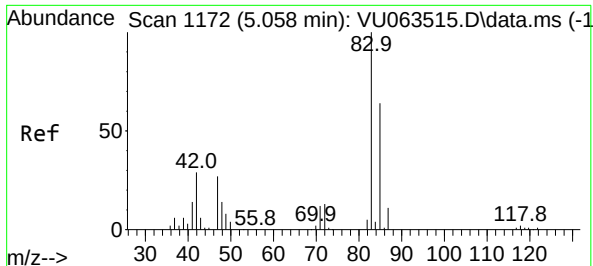
55 100

85 8.7 12.8 19.2#

58 0.0 7.0 10.4#

42 9.5 7.0 10.4





#41

Tetrahydrofuran

Concen: 0.822 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

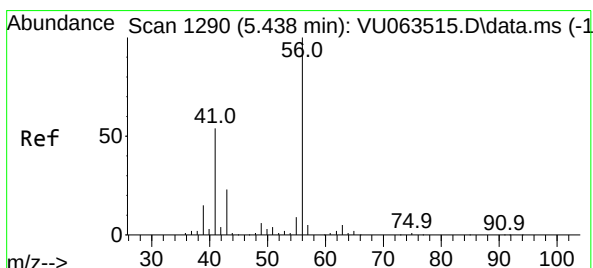
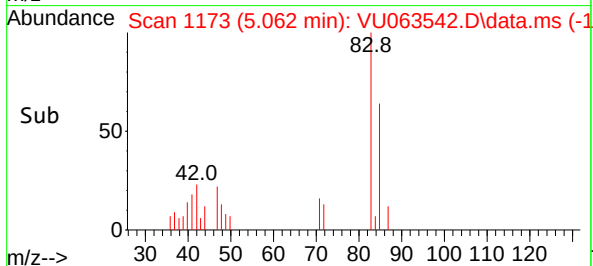
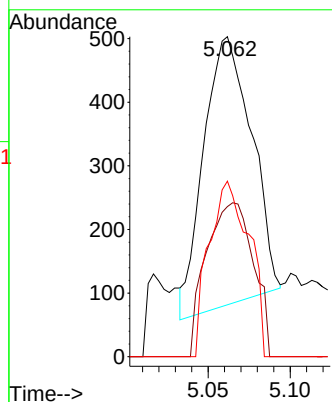
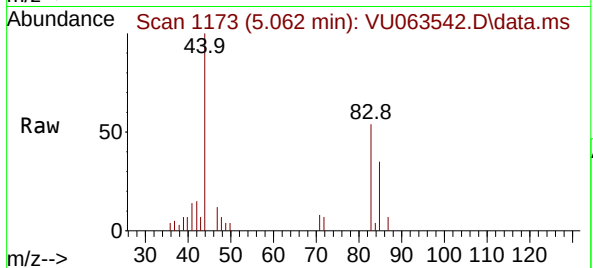
Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion:	42	Resp:	856
Ion Ratio	Lower	Upper	
42	100		
72	56.5	39.2	58.8
71	54.6	34.8	52.2#



#42

1-Chlorobutane

Concen: 0.446 ug/l

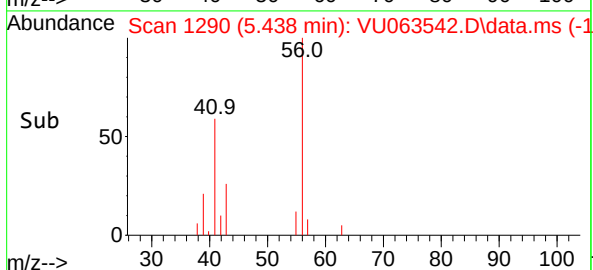
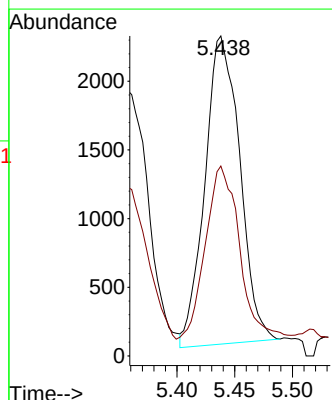
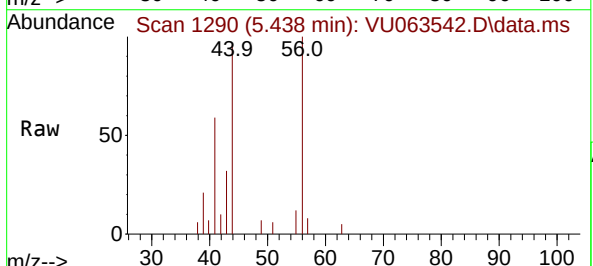
RT: 5.438 min Scan# 1290

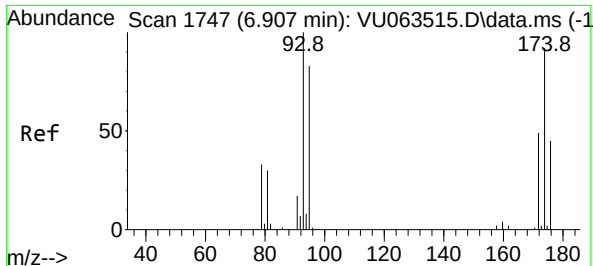
Delta R.T. 0.000 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Tgt Ion:	56	Resp:	4714
Ion Ratio	Lower	Upper	
56	100		
41	57.6	26.7	80.0

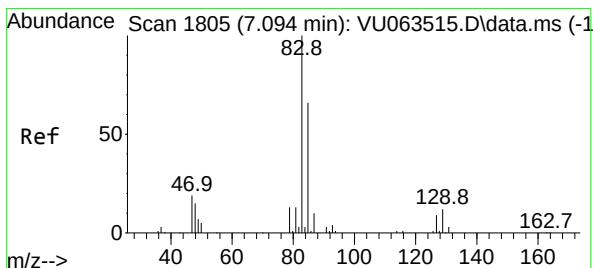
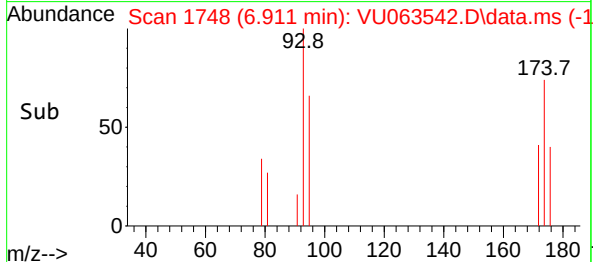
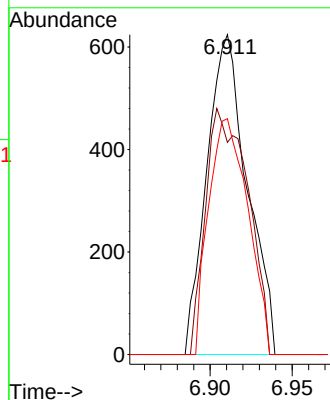
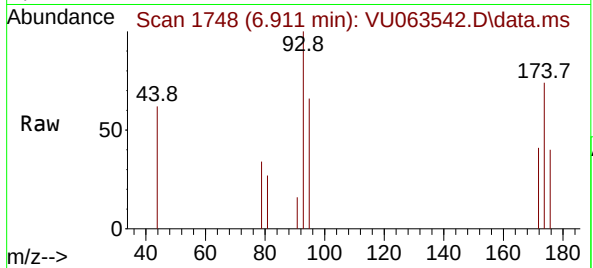




#43
Dibromomethane
Concen: 0.413 ug/l
RT: 6.911 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

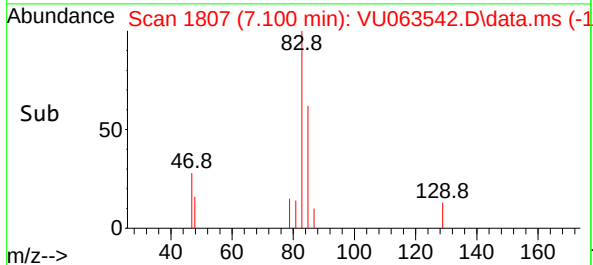
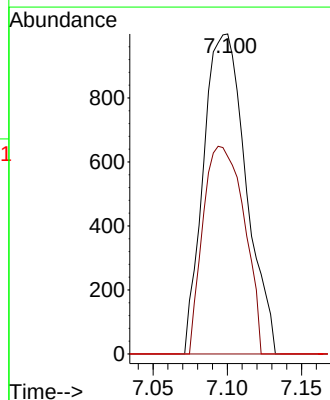
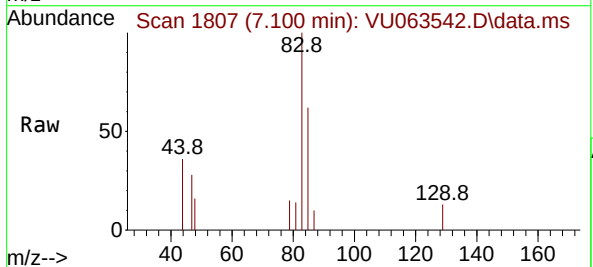
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

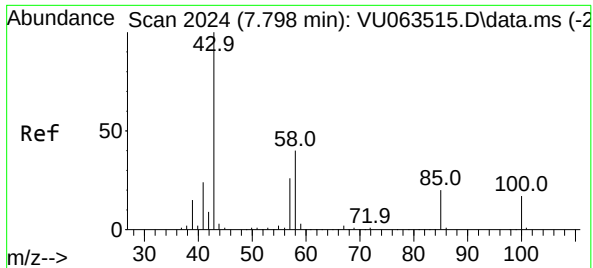
Tgt Ion: 93 Resp: 1069
Ion Ratio Lower Upper
93 100
95 80.6 67.9 101.9
174 71.6 74.6 111.8#



#44
Bromodichloromethane
Concen: 0.341 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 83 Resp: 1992
Ion Ratio Lower Upper
83 100
85 61.7 52.7 79.1
127 0.0 8.1 12.1#

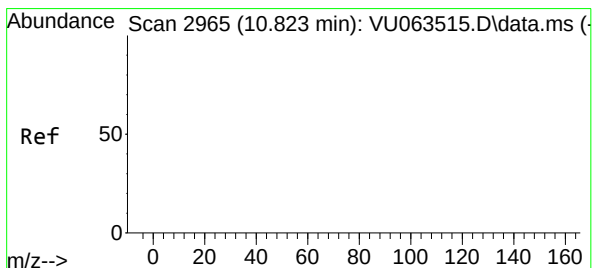
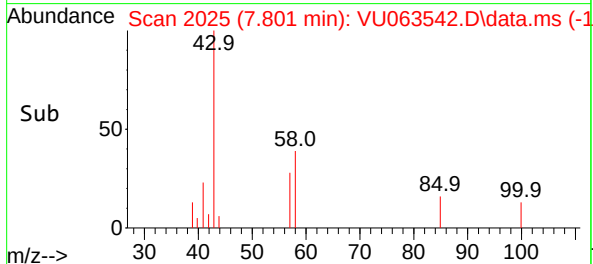
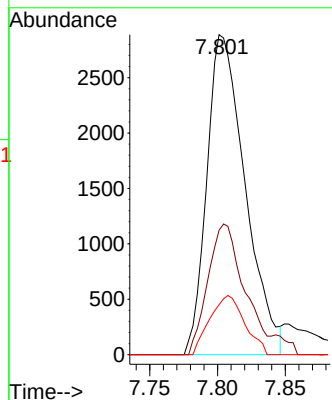
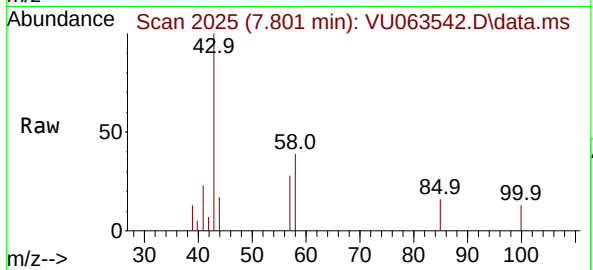




#45
4-Methyl-2-Pentanone
Concen: 2.124 ug/l
RT: 7.801 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

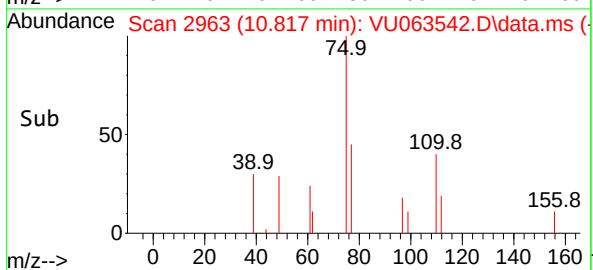
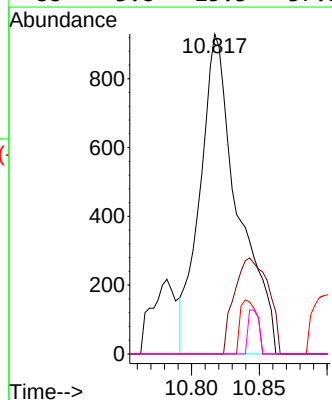
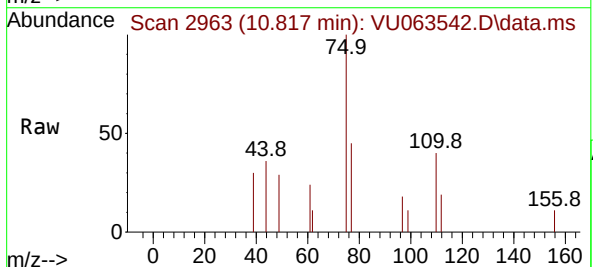
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

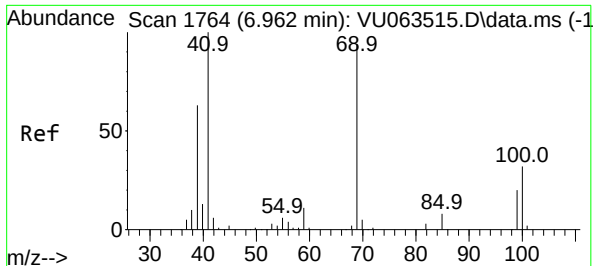
Tgt Ion:	43	Resp:	5671
Ion	Ratio	Lower	Upper
43	100		
58	41.3	20.0	60.0
85	16.8	15.4	23.0



#46
t-1,4-Dichloro-2-butene
Concen: 1.802 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.006 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:	75	Resp:	1806
Ion	Ratio	Lower	Upper
75	100		
53	26.7	48.4	72.6#
89	7.3	30.6	45.8#
88	3.8	25.3	37.9#





#47

Methyl methacrylate

Concen: 0.743 ug/l

RT: 6.972 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 69 Resp: 1616

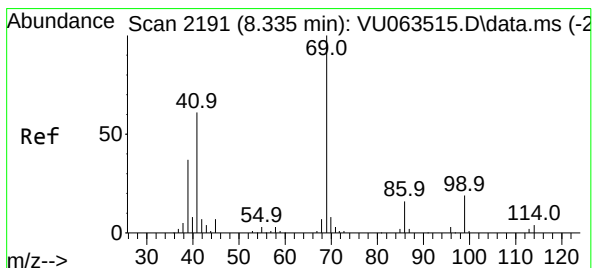
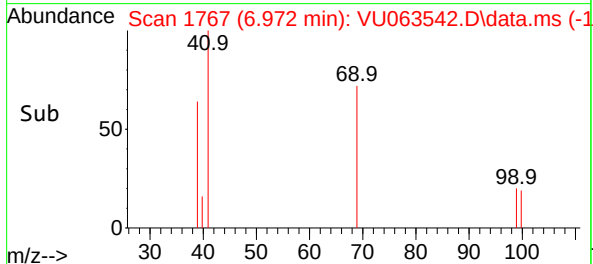
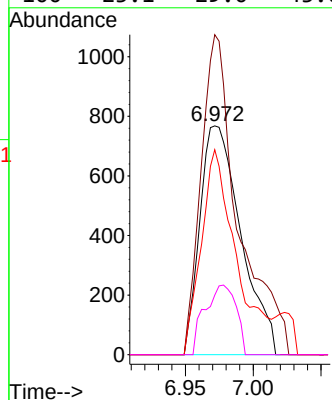
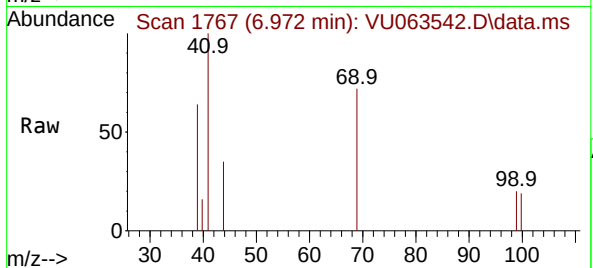
Ion Ratio Lower Upper

69 100

41 127.3 0.0 224.0

39 76.4 55.3 82.9

100 23.1 29.0 43.6#



#48

Ethyl methacrylate

Concen: 0.368 ug/l

RT: 8.341 min Scan# 2193

Delta R.T. 0.007 min

Lab File: VU063542.D

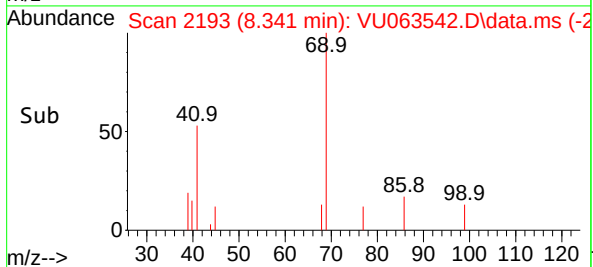
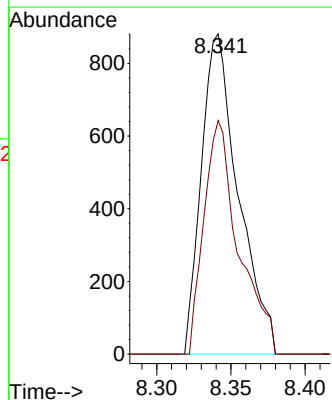
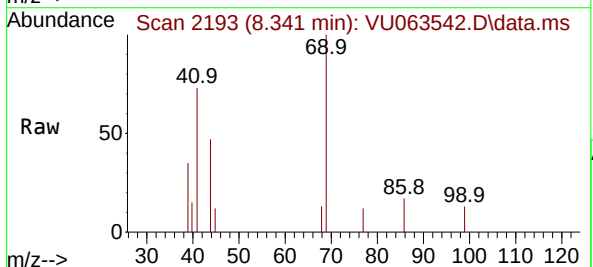
Acq: 18 Jul 2025 17:56

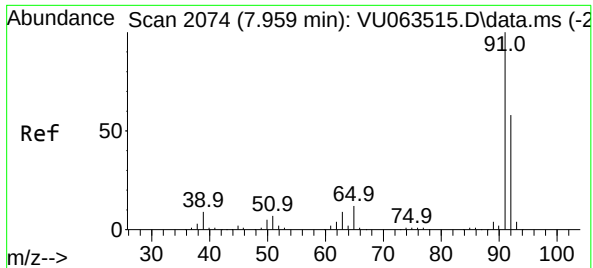
Tgt Ion: 69 Resp: 1528

Ion Ratio Lower Upper

69 100

41 68.3 30.8 92.4





#49

Toluene

Concen: 0.405 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

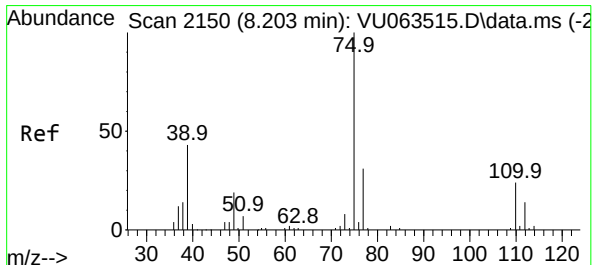
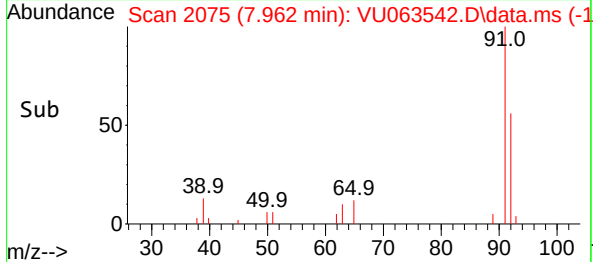
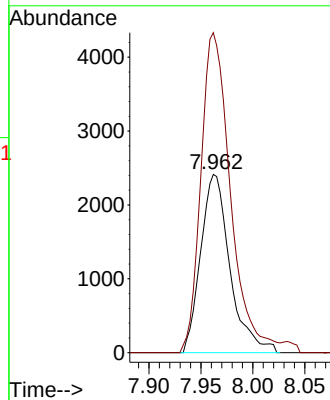
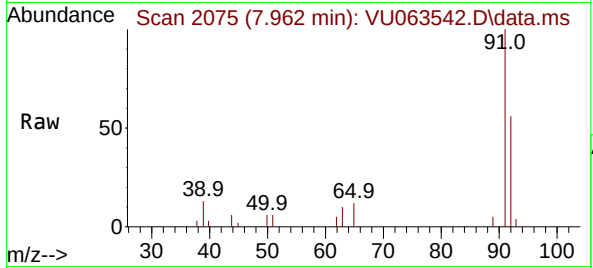
RL-CHECK

Tgt Ion: 92 Resp: 4728

Ion Ratio Lower Upper

92 100

91 181.8 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 0.310 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.010 min

Lab File: VU063542.D

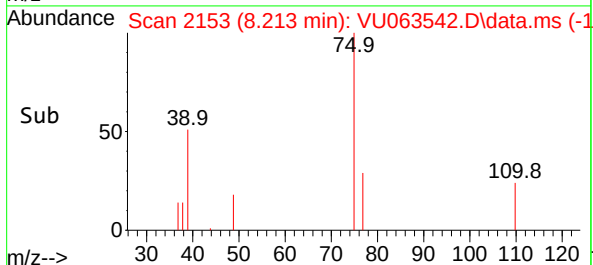
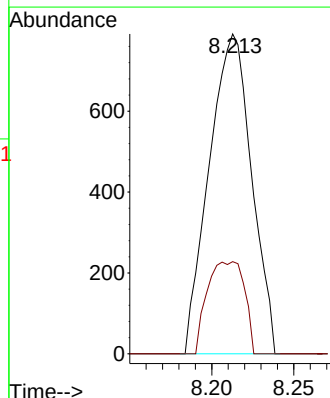
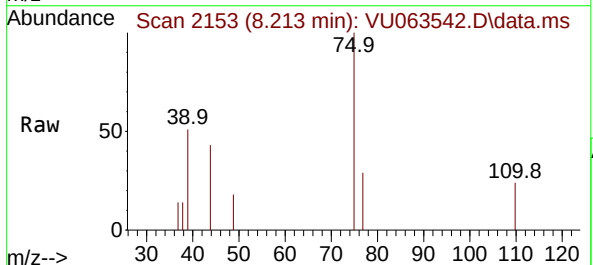
Acq: 18 Jul 2025 17:56

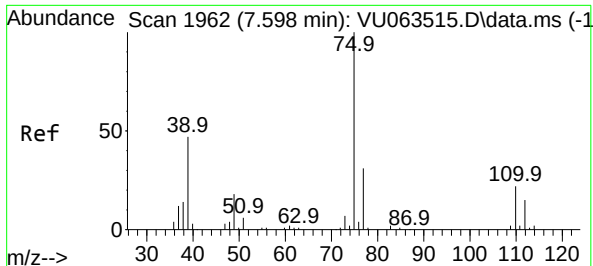
Tgt Ion: 75 Resp: 1420

Ion Ratio Lower Upper

75 100

77 28.8 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 0.306 ug/l

RT: 7.605 min Scan# 1964

Delta R.T. 0.007 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

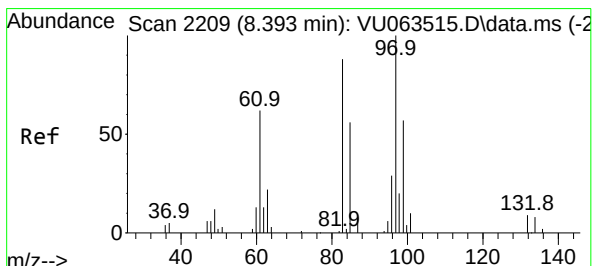
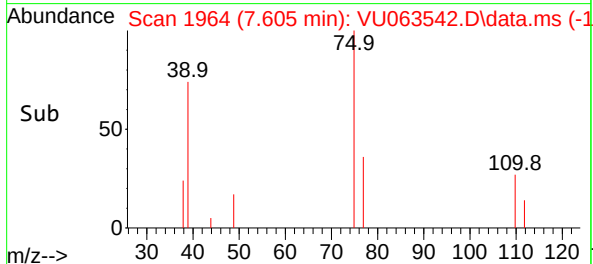
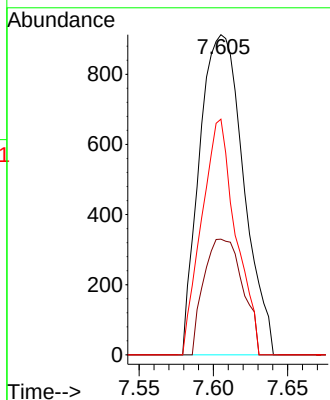
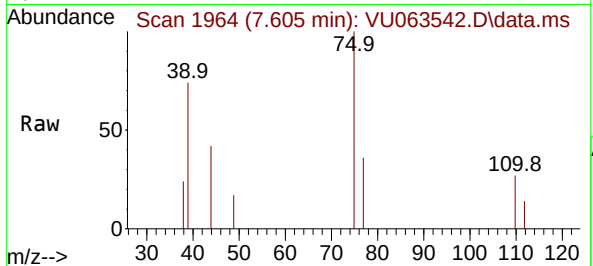
Tgt Ion: 75 Resp: 1884

Ion Ratio Lower Upper

75 100

77 36.1 25.1 37.7

39 73.6 37.8 56.6#



#52

1,1,2-Trichloroethane

Concen: 0.450 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Tgt Ion: 97 Resp: 1569

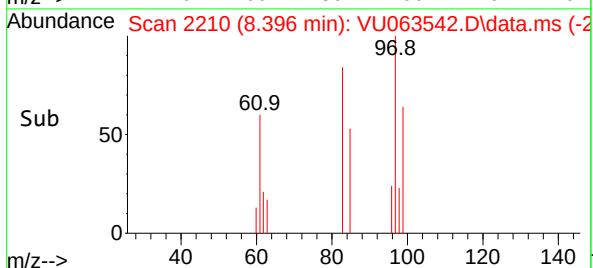
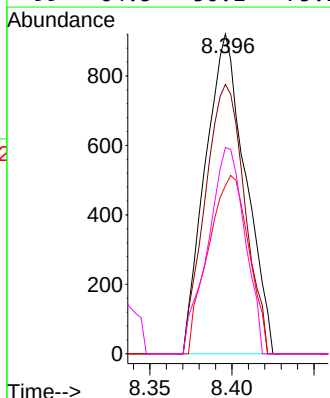
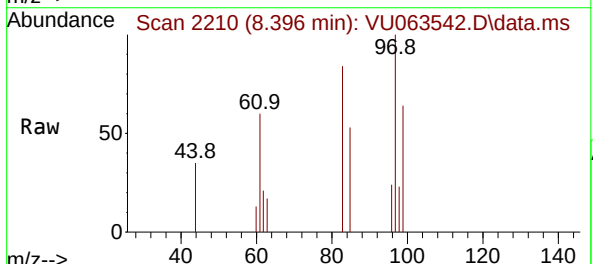
Ion Ratio Lower Upper

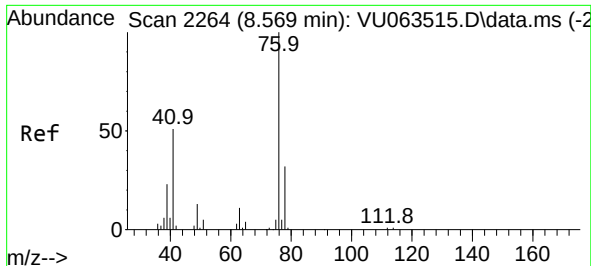
97 100

83 84.3 70.2 105.2

85 52.6 45.2 67.8

99 64.5 50.1 75.1





#53

1,3-Dichloropropane

Concen: 0.459 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

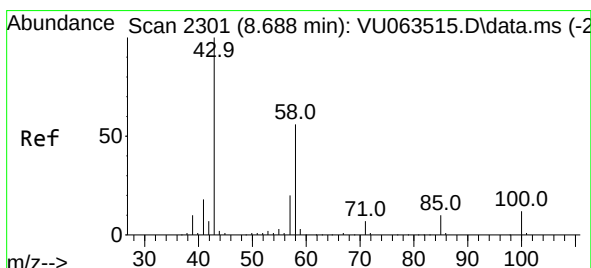
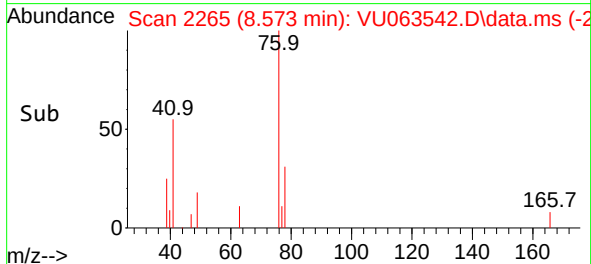
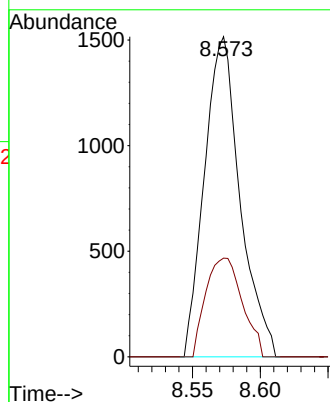
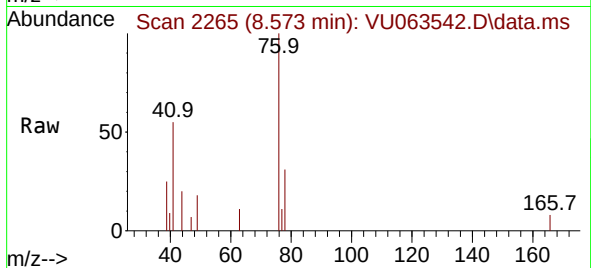
RL-CHECK

Tgt Ion: 76 Resp: 2766

Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



#54

2-Hexanone

Concen: 1.971 ug/l

RT: 8.701 min Scan# 2305

Delta R.T. 0.013 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

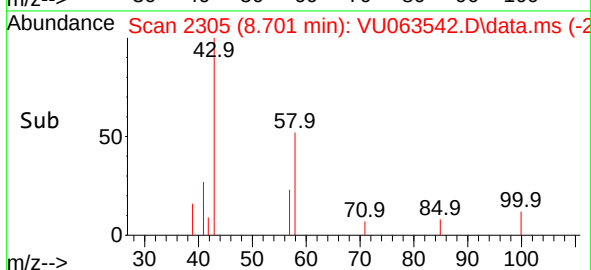
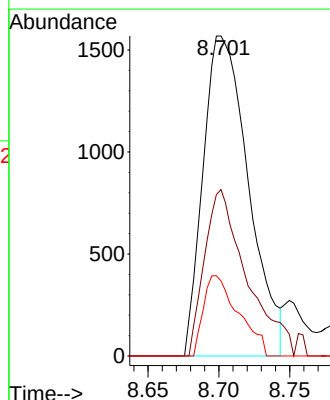
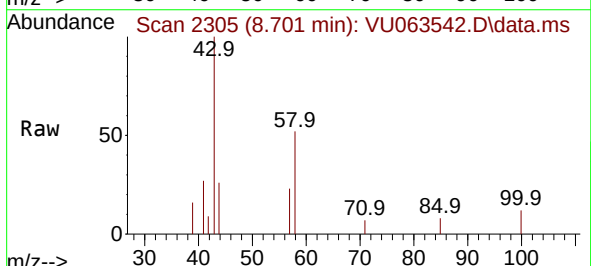
Tgt Ion: 43 Resp: 3495

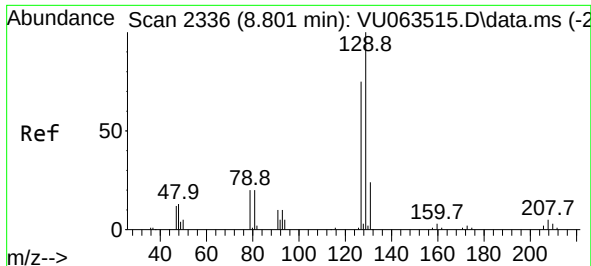
Ion Ratio Lower Upper

43 100

58 48.4 34.8 74.8

57 19.3 0.0 39.5

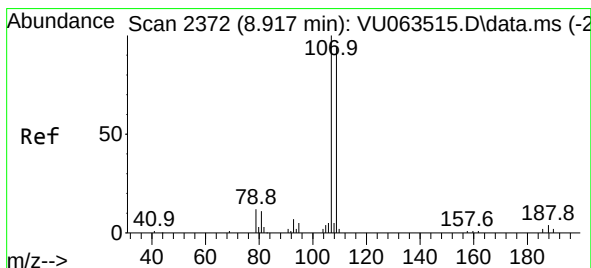
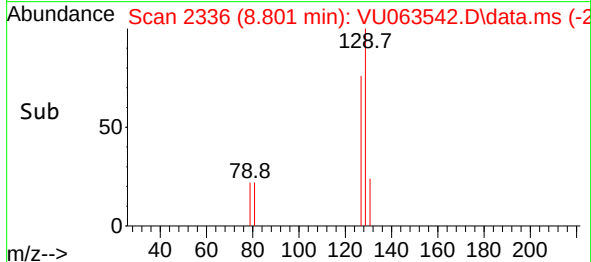
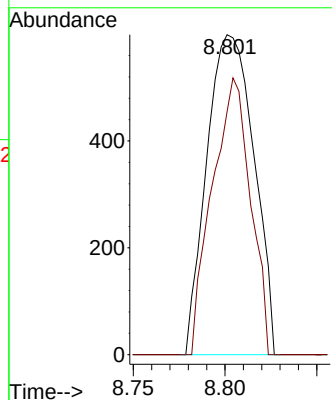
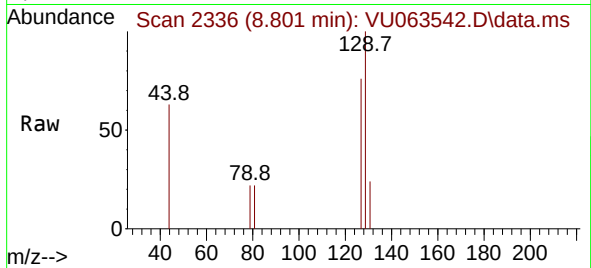




#55
Dibromochloromethane
Concen: 0.291 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

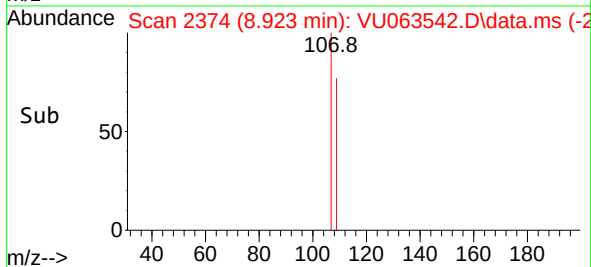
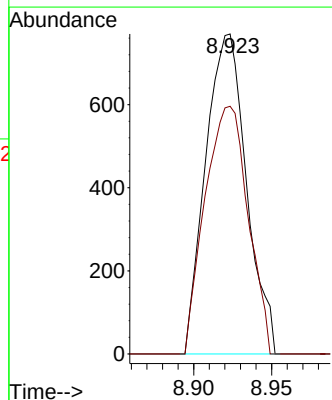
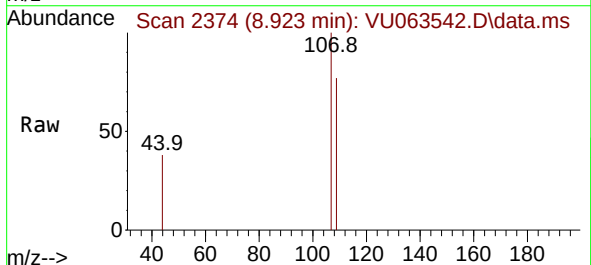
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

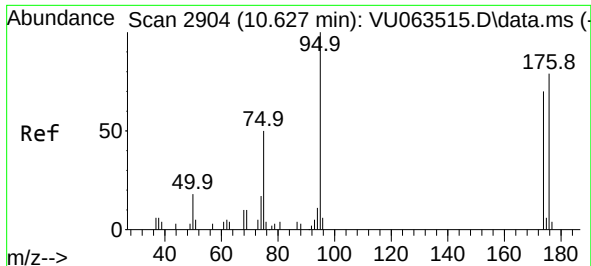
Tgt Ion:129 Resp: 1072
Ion Ratio Lower Upper
129 100
127 70.0 60.1 90.1



#56
1,2-Dibromoethane
Concen: 0.449 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:107 Resp: 1403
Ion Ratio Lower Upper
107 100
109 81.5 0.0 186.4

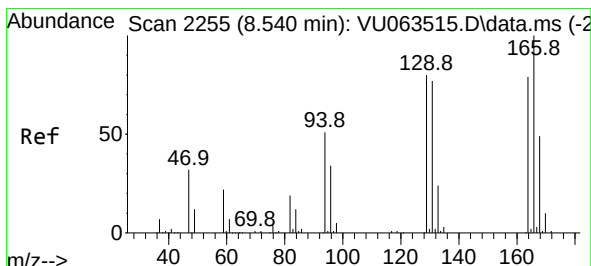
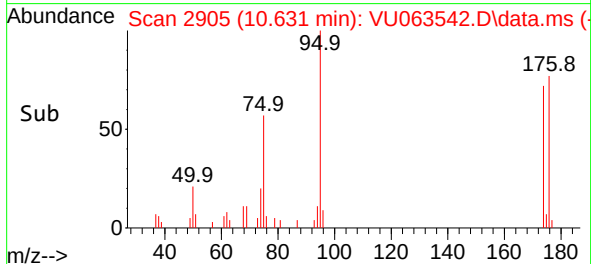
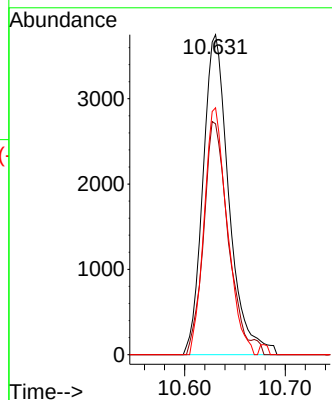
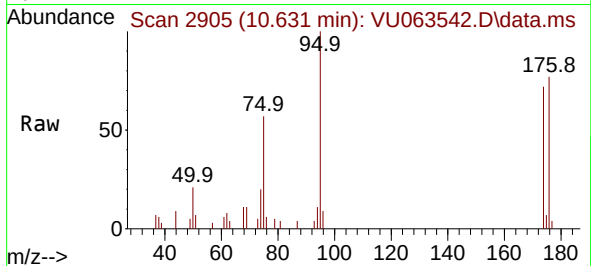




#57
4-Bromofluorobenzene
Concen: 0.978 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

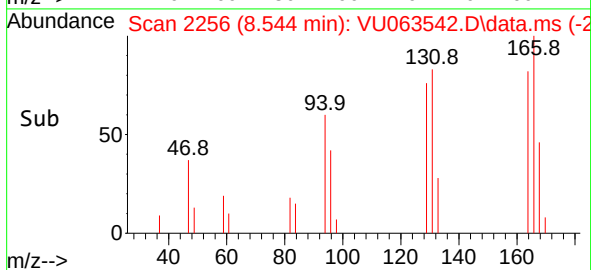
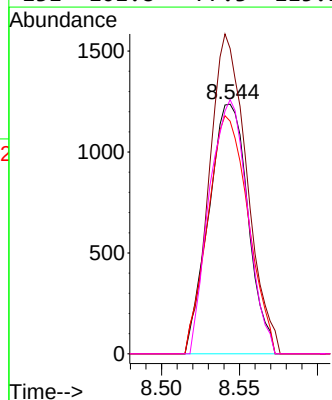
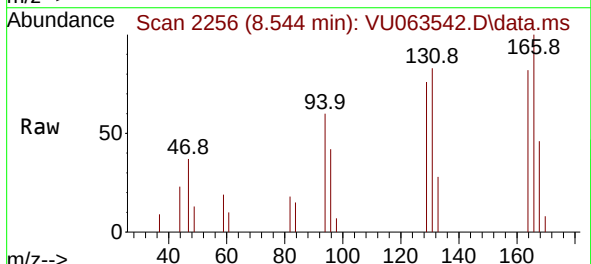
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

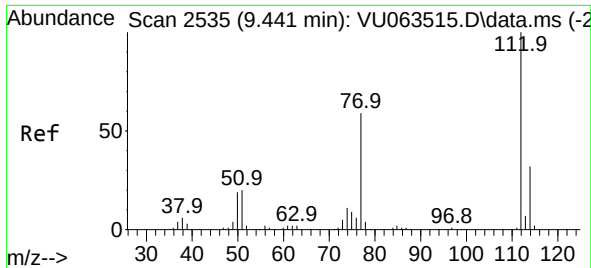
Tgt Ion: 95 Resp: 6715
Ion Ratio Lower Upper
95 100
174 69.6 59.8 89.8
176 68.7 61.8 92.8



#58
Tetrachloroethene
Concen: 0.435 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 164 Resp: 2169
Ion Ratio Lower Upper
164 100
166 122.3 100.7 151.1
129 93.2 80.6 120.8
131 101.8 77.3 115.9

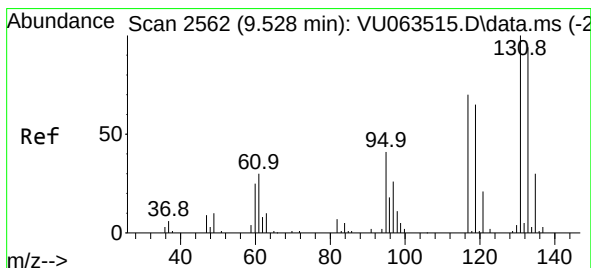
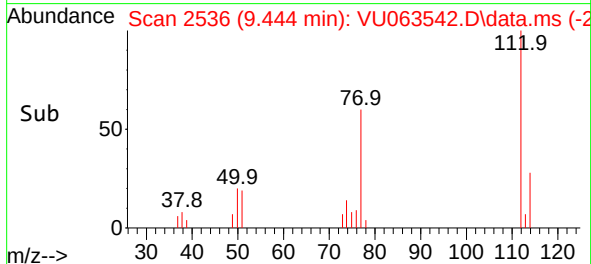
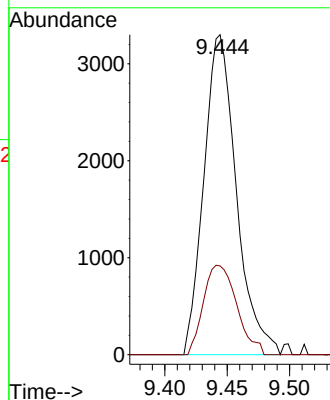
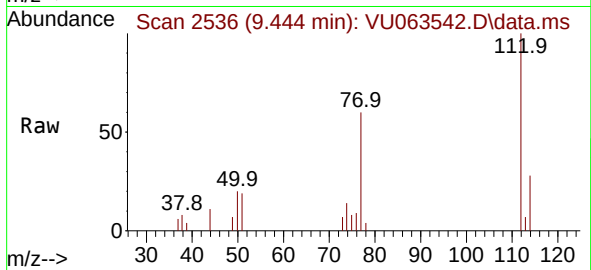




#59
Chlorobenzene
Concen: 0.446 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

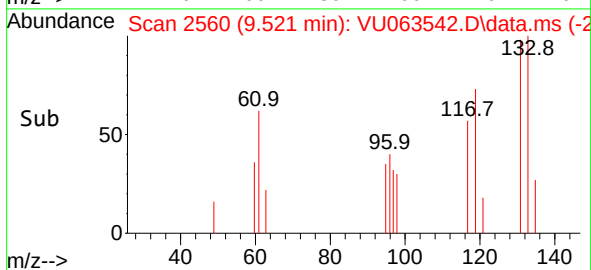
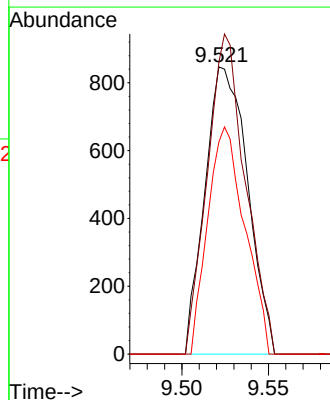
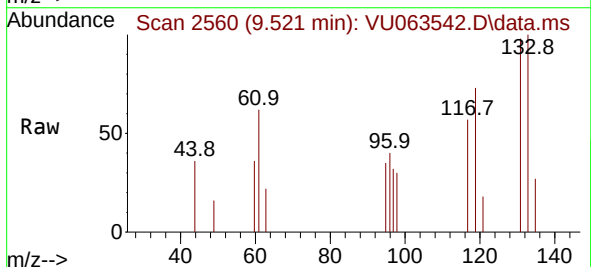
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

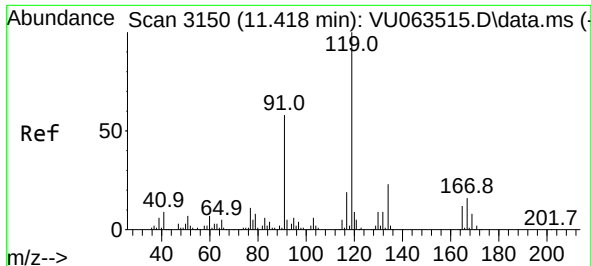
Tgt Ion:112 Resp: 5982
Ion Ratio Lower Upper
112 100
114 27.8 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 0.336 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.006 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:131 Resp: 1450
Ion Ratio Lower Upper
131 100
133 99.9 74.7 112.1
119 68.8 53.0 79.4

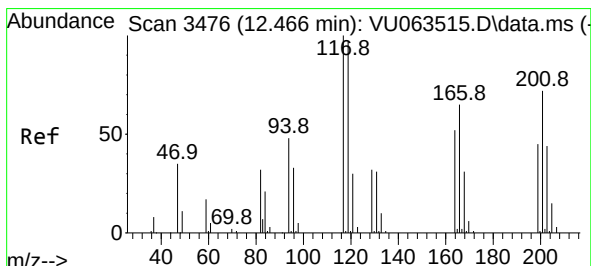
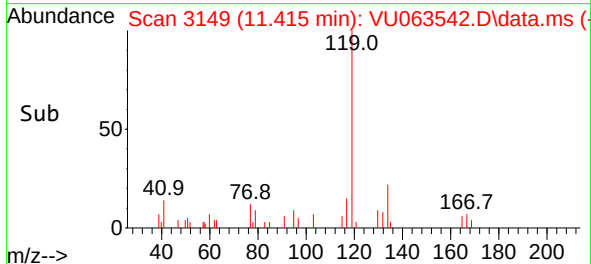
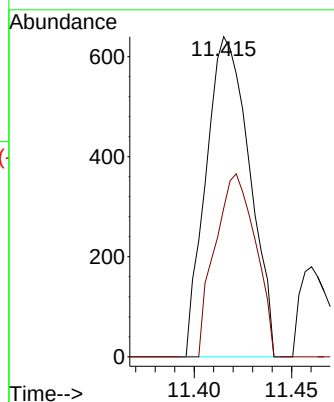
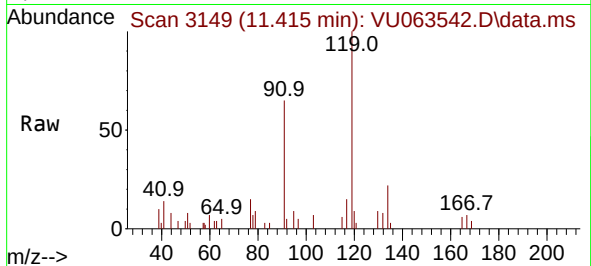




#61
 Pentachloroethane
 Concen: 0.327 ug/l
 RT: 11.415 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

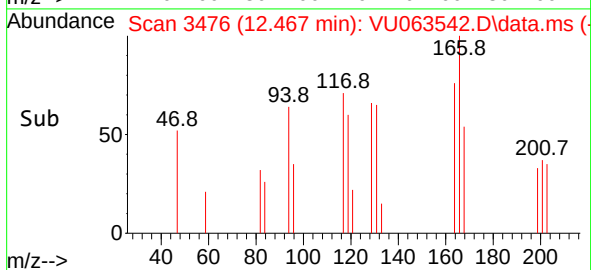
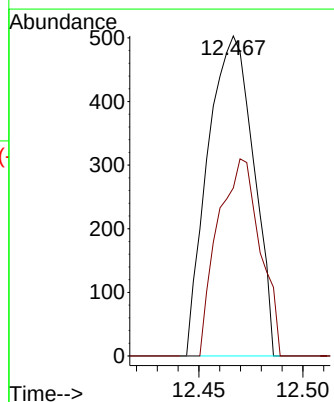
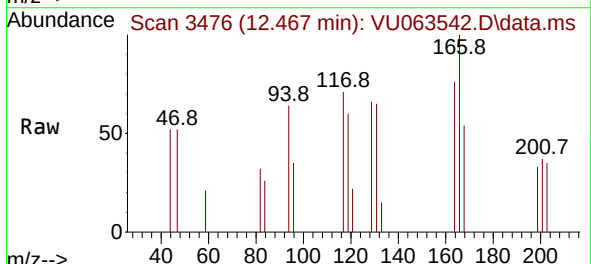
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

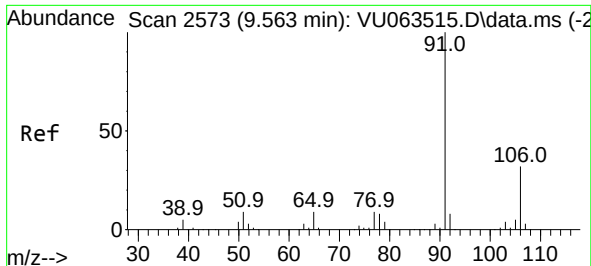
Tgt Ion:117 Resp: 995
 Ion Ratio Lower Upper
 117 100
 167 53.0 65.0 97.6#



#62
 Hexachloroethane
 Concen: 0.255 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

Tgt Ion:117 Resp: 768
 Ion Ratio Lower Upper
 117 100
 201 57.0 57.4 86.0#

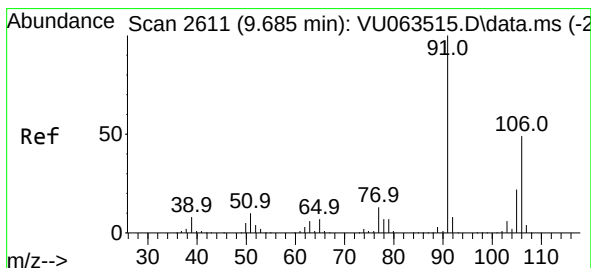
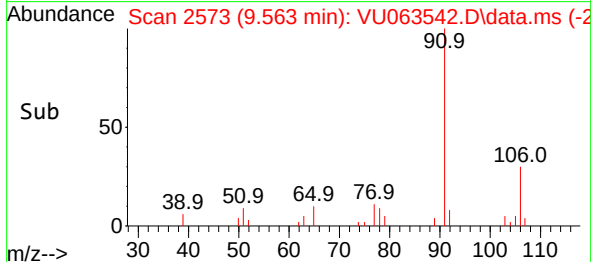
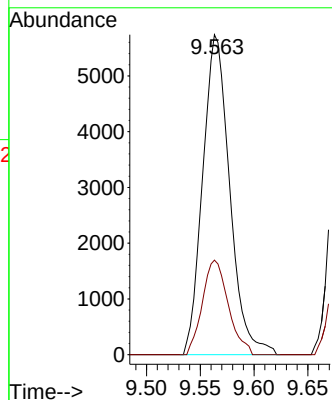
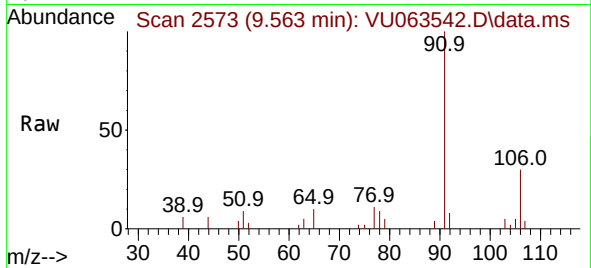




#63
Ethyl Benzene
Concen: 0.434 ug/l
RT: 9.563 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

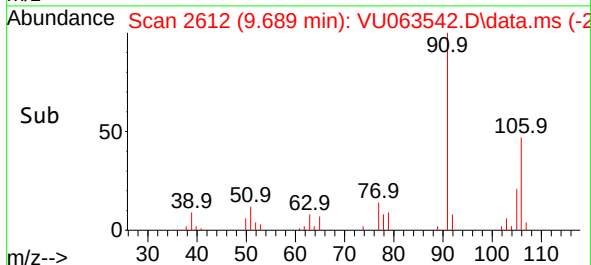
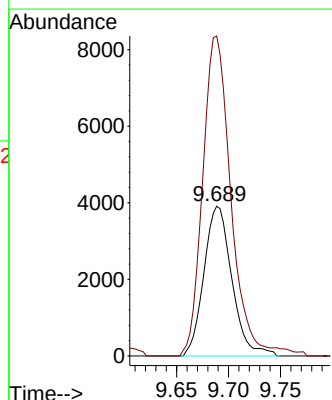
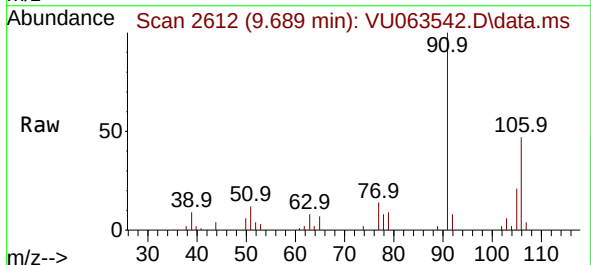
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

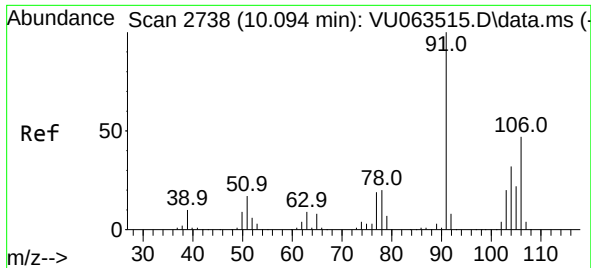
Tgt Ion: 91 Resp: 10017
Ion Ratio Lower Upper
91 100
106 29.6 25.4 38.0



#64
m/p-Xylenes
Concen: 0.816 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 106 Resp: 7315
Ion Ratio Lower Upper
106 100
91 217.2 163.6 245.4

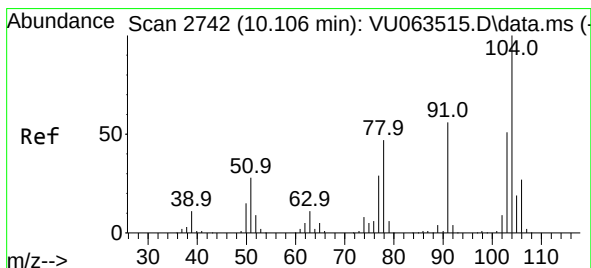
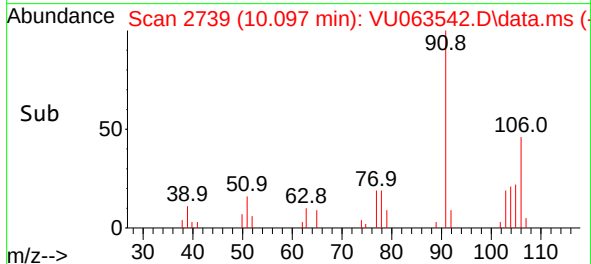
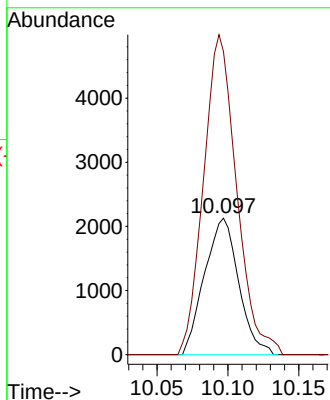
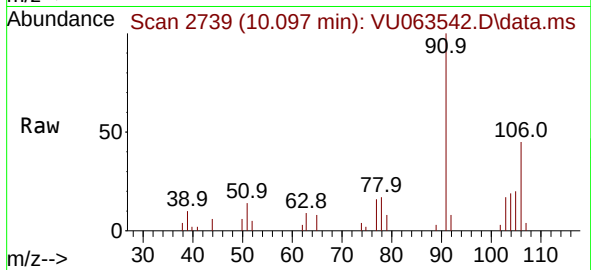




#65
o-Xylene
Concen: 0.415 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

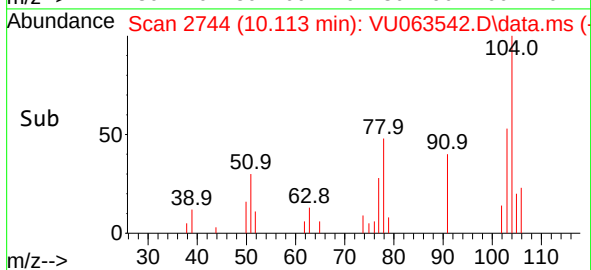
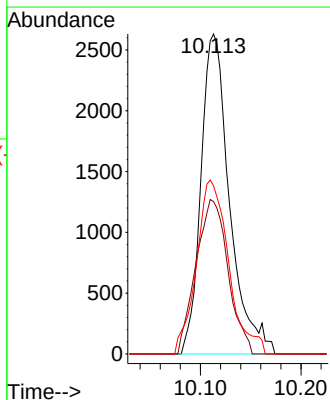
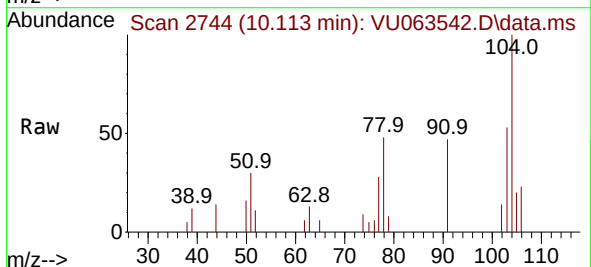
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

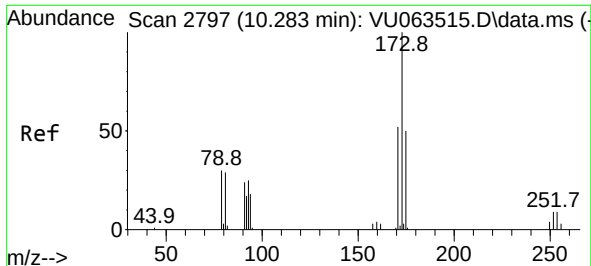
Tgt Ion:106 Resp: 3573
Ion Ratio Lower Upper
106 100
91 226.4 108.1 324.4



#66
Styrene
Concen: 0.378 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:104 Resp: 5195
Ion Ratio Lower Upper
104 100
78 54.1 41.3 61.9
103 61.3 43.6 65.4

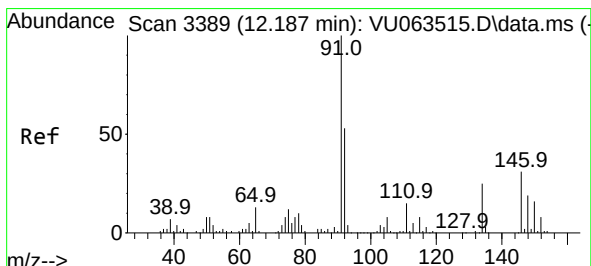
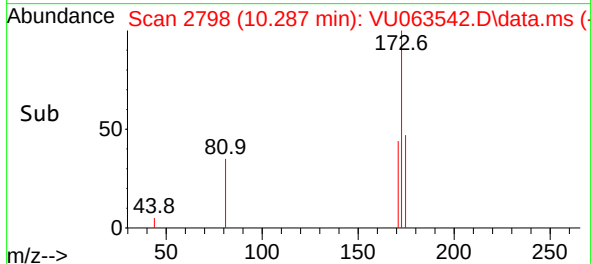
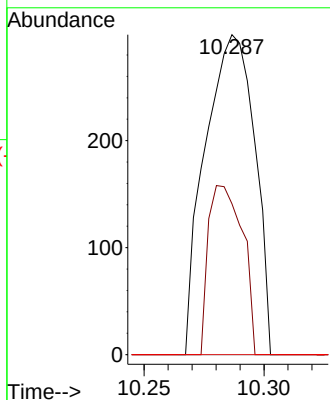
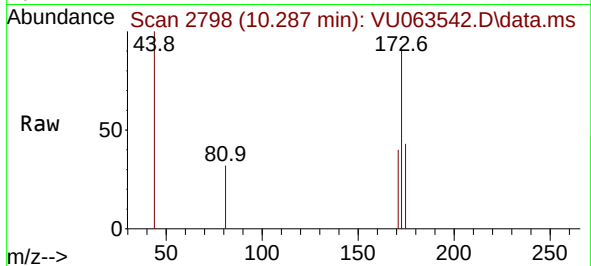




#67
Bromoform
Concen: 0.226 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

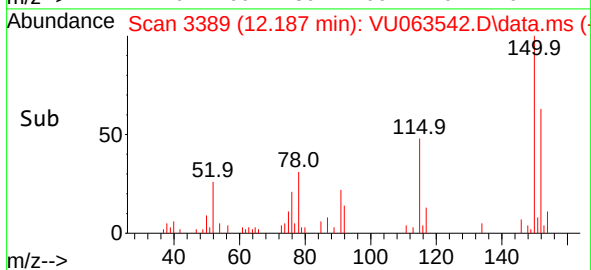
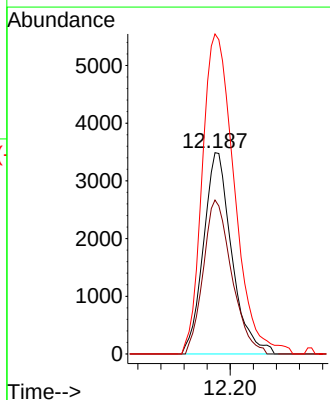
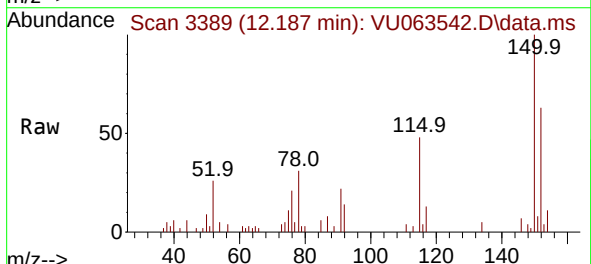
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

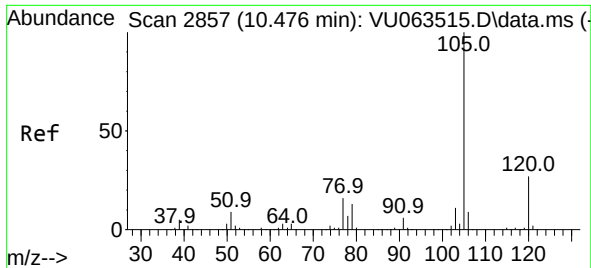
Tgt Ion:173 Resp: 428
Ion Ratio Lower Upper
173 100
175 36.4 39.0 58.4#
254 0.0 6.5 9.7#



#68
1,2-Dichlorobenzene-d4
Concen: 0.934 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:152 Resp: 5933
Ion Ratio Lower Upper
152 100
115 76.8 0.0 262.2
150 180.2 0.0 651.2

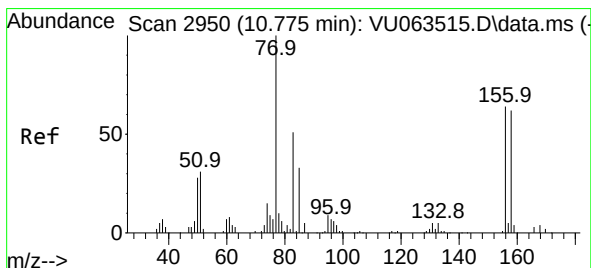
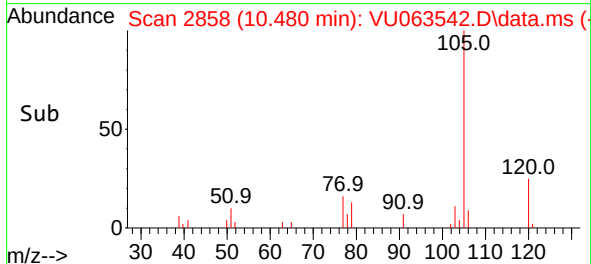
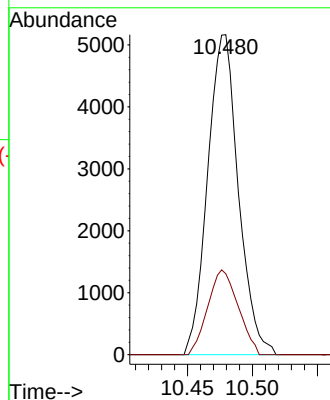
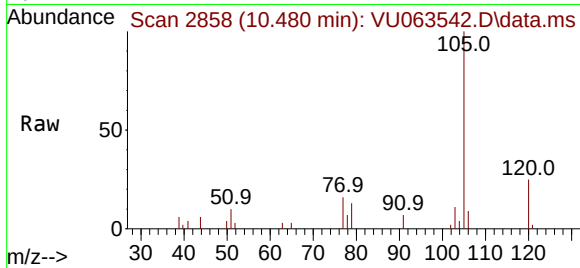




#69
Isopropylbenzene
Concen: 0.408 ug/l
RT: 10.480 min Scan# 2149
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

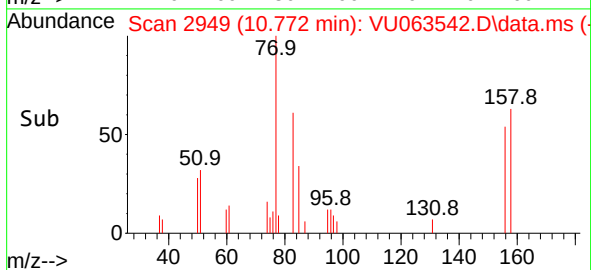
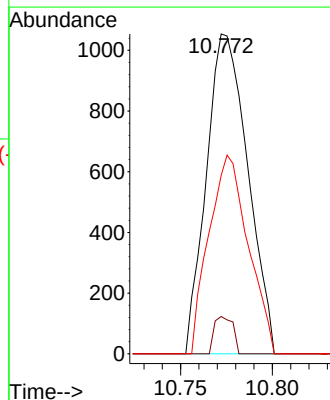
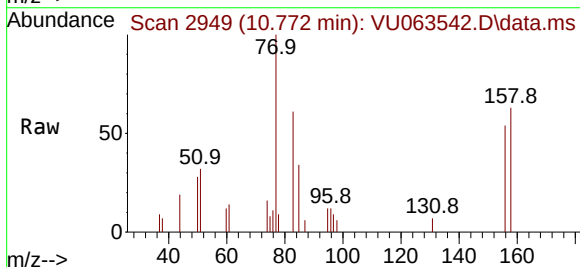
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

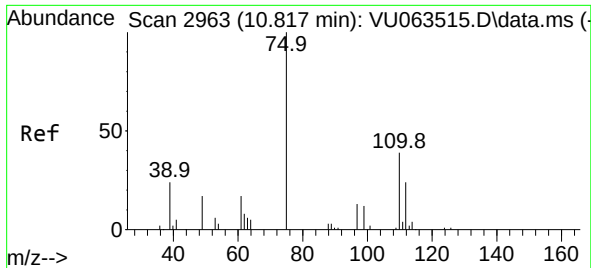
Tgt Ion:105 Resp: 8489
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5



#70
1,1,2,2-Tetrachloroethane
Concen: 0.389 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 83 Resp: 1653
Ion Ratio Lower Upper
83 100
131 5.3 8.4 12.6#
85 59.0 51.9 77.9

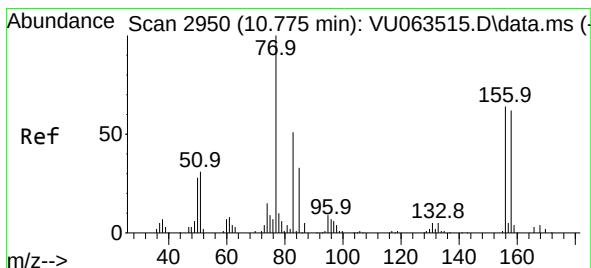
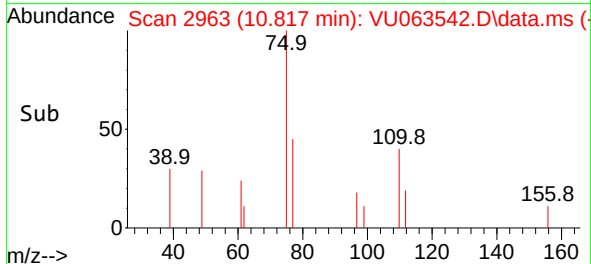
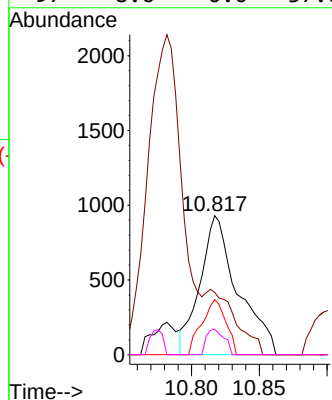
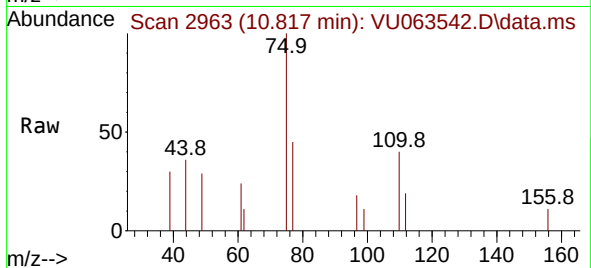




#71
1,2,3-Trichloropropane
Concen: 0.524 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

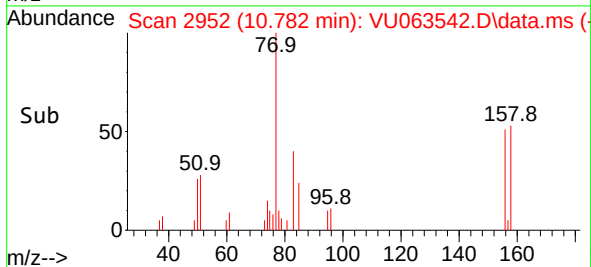
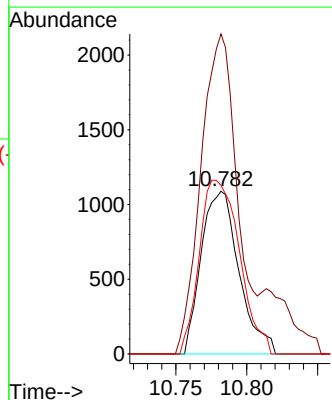
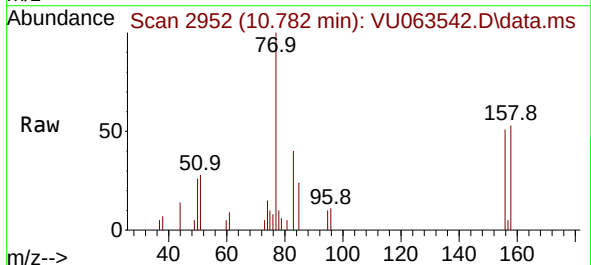
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

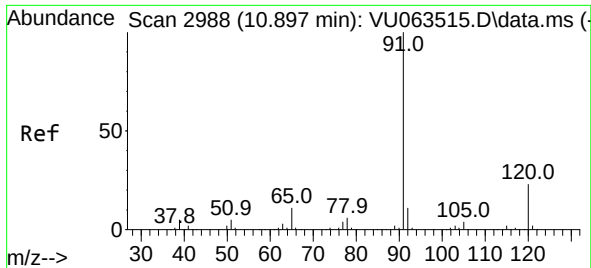
Tgt Ion:	75	Resp:	1806
Ion	Ratio	Lower	Upper
75	100		
77	25.0	0.0	0.0#
110	25.1	0.0	73.2
97	8.6	0.0	37.6



#72
Bromobenzene
Concen: 0.376 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:	156	Resp:	2019
Ion	Ratio	Lower	Upper
156	100		
77	187.6	0.0	315.2
158	113.7	0.0	195.4

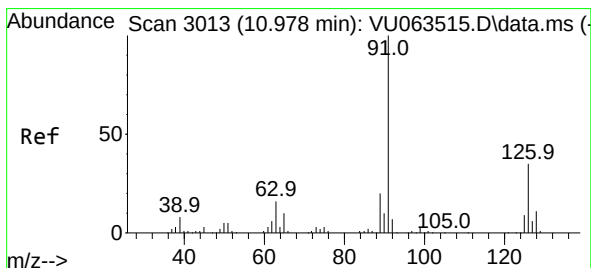
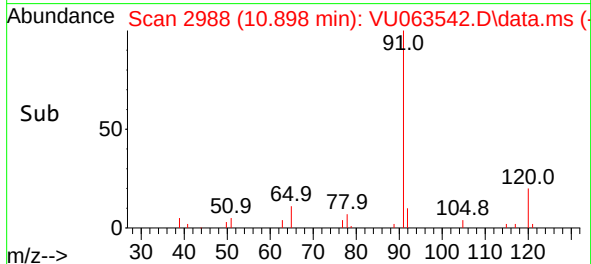
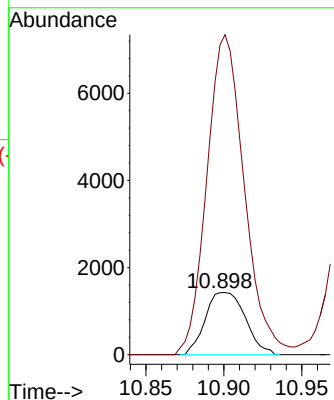
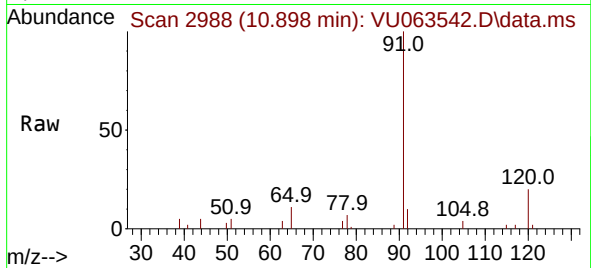




#73
n-propylbenzene
Concen: 0.407 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

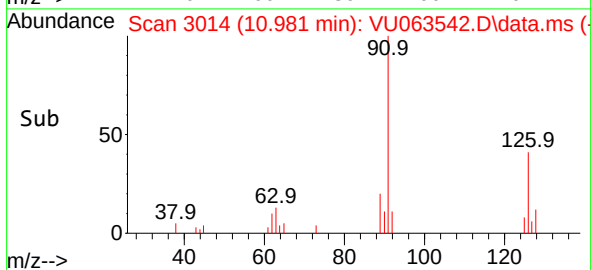
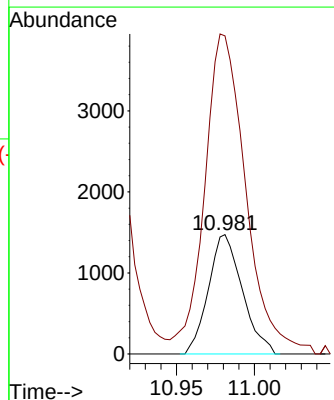
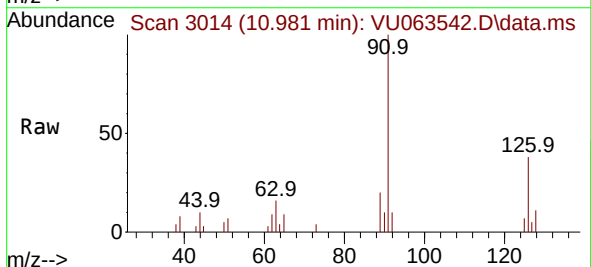
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

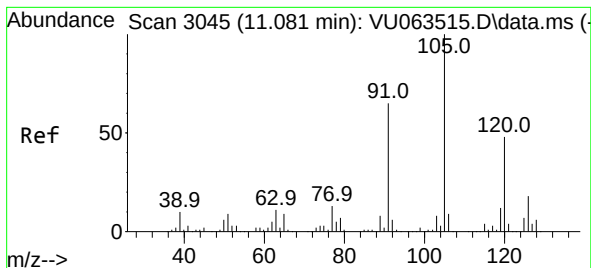
Tgt Ion:120 Resp: 2548
Ion Ratio Lower Upper
120 100
91 481.8 343.1 514.7



#74
2-Chlorotoluene
Concen: 0.403 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:126 Resp: 2230
Ion Ratio Lower Upper
126 100
91 326.1 0.0 606.0





#75

1,3,5-Trimethylbenzene

Concen: 0.378 ug/l

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

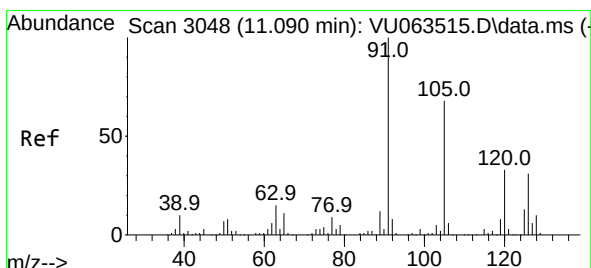
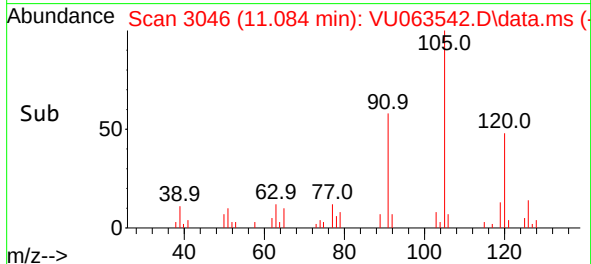
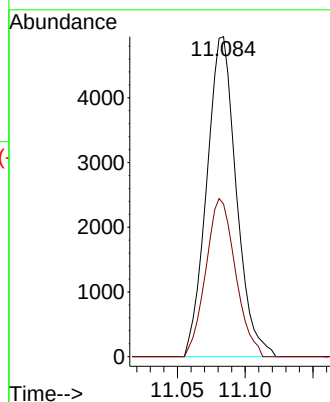
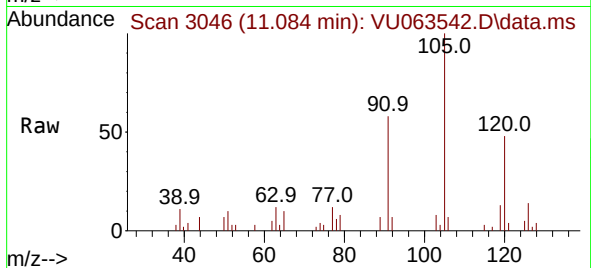
RL-CHECK

Tgt Ion:105 Resp: 7517

Ion Ratio Lower Upper

105 100

120 49.5 37.8 56.8



#76

4-Chlorotoluene

Concen: 0.408 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.007 min

Lab File: VU063542.D

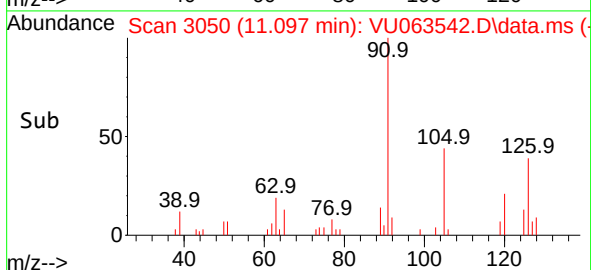
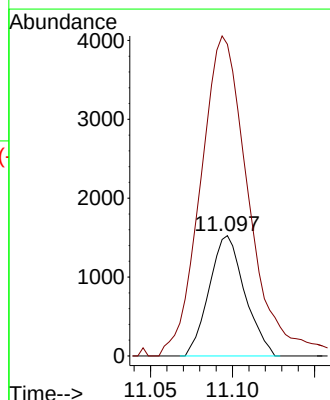
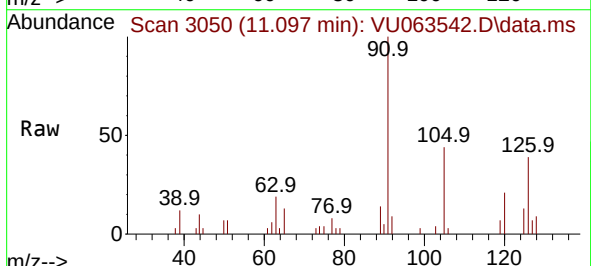
Acq: 18 Jul 2025 17:56

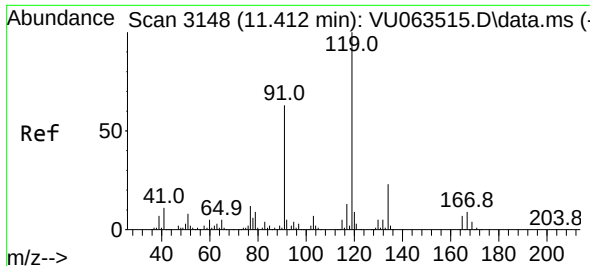
Tgt Ion:126 Resp: 2295

Ion Ratio Lower Upper

126 100

91 358.7 0.0 682.2

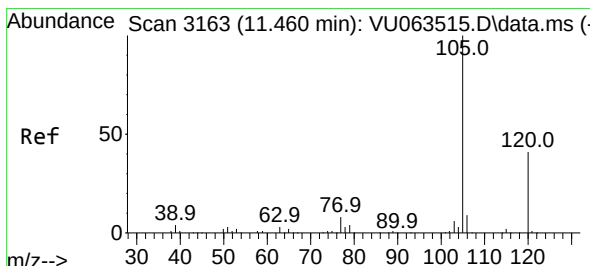
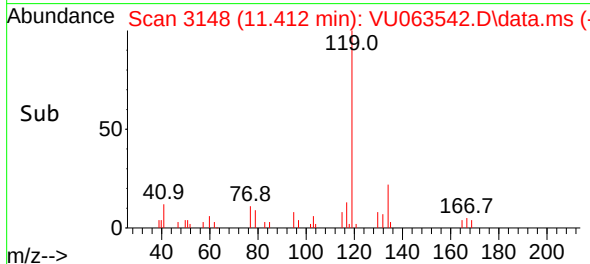
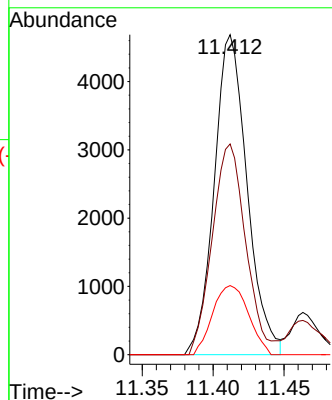
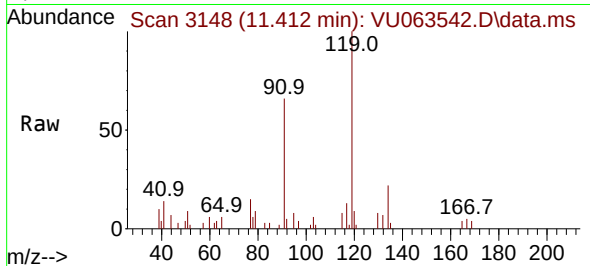




#77
tert-Butylbenzene
Concen: 0.398 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

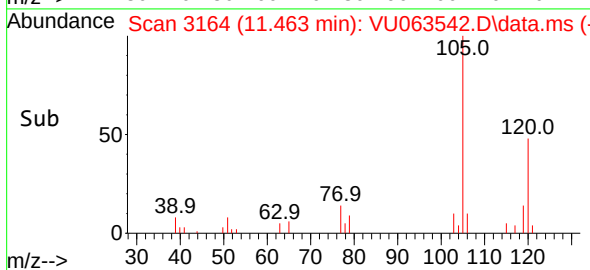
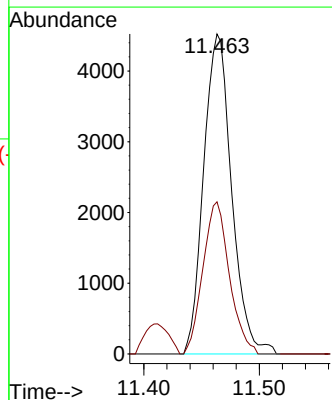
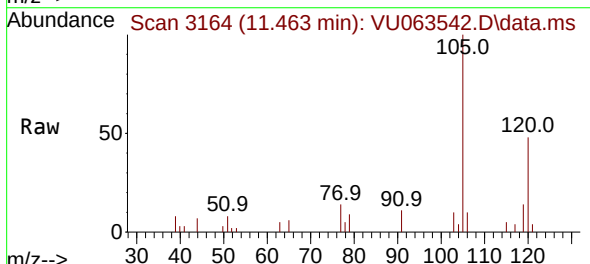
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

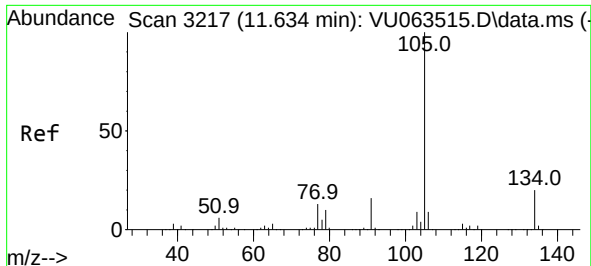
Tgt Ion:	119	Resp:	7570
Ion	Ratio	Lower	Upper
119	100		
91	67.1	30.7	92.1
134	23.6	18.5	27.7



#78
1,2,4-Trimethylbenzene
Concen: 0.386 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:	105	Resp:	7613
Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.7	68.0

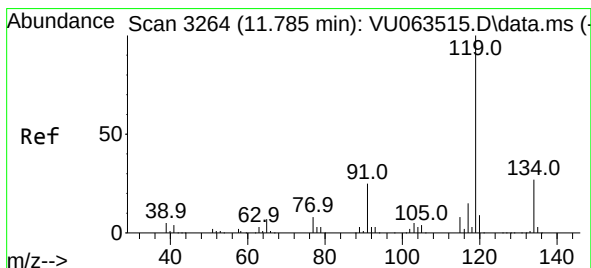
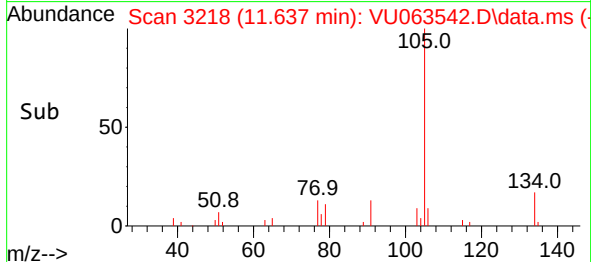
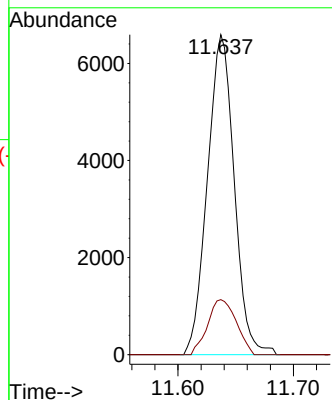
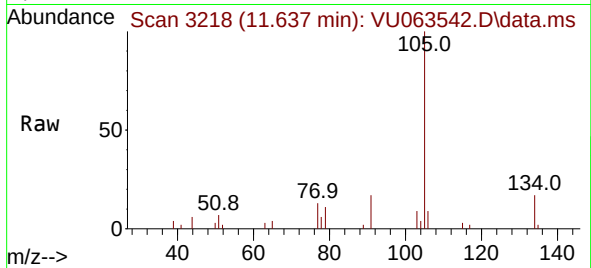




#79
 sec-Butylbenzene
 Concen: 0.415 ug/l
 RT: 11.637 min Scan# 3217
 Delta R.T. 0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

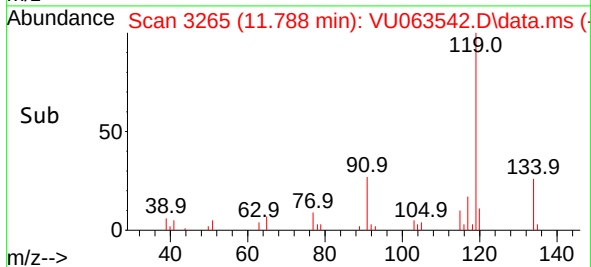
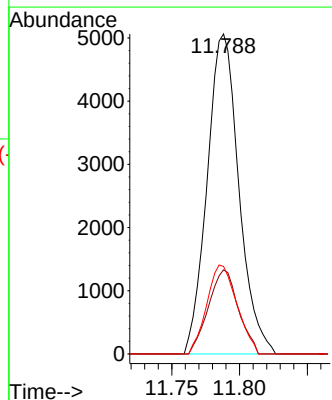
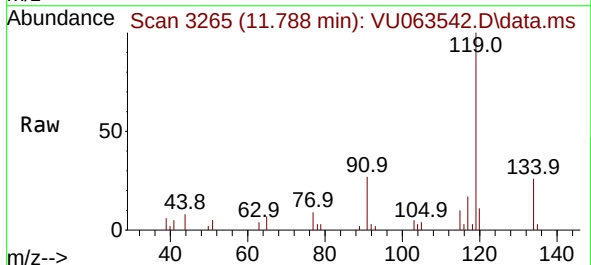
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

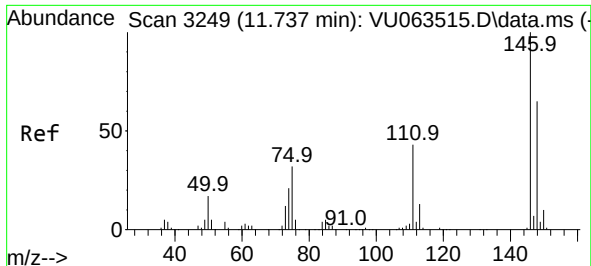
Tgt Ion:105 Resp: 10630
 Ion Ratio Lower Upper
 105 100
 134 18.4 16.2 24.4



#81
 p-Isopropyltoluene
 Concen: 0.384 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. 0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

Tgt Ion:119 Resp: 8223
 Ion Ratio Lower Upper
 119 100
 134 24.7 21.1 31.7
 91 26.4 19.8 29.8





#82

1,3-Dichlorobenzene

Concen: 0.398 ug/l

RT: 11.743 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

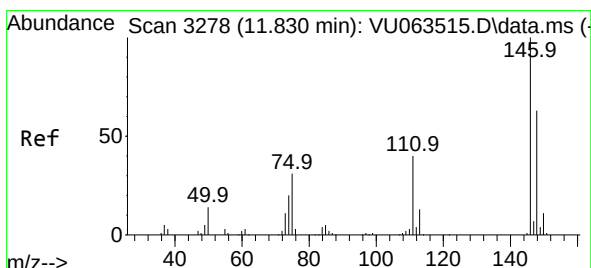
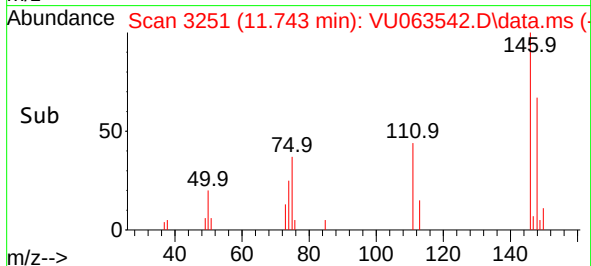
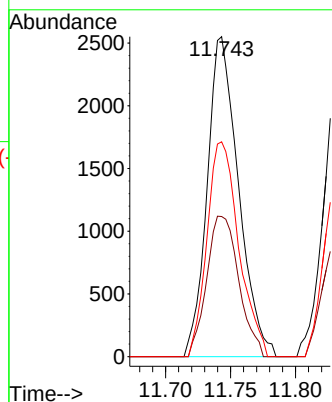
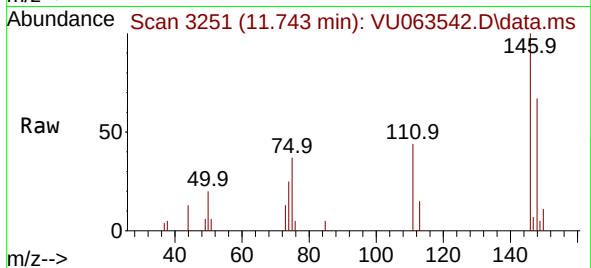
Tgt Ion:146 Resp: 4276

Ion Ratio Lower Upper

146 100

111 44.9 33.8 50.6

148 68.1 51.5 77.3



#83

1,4-Dichlorobenzene

Concen: 0.431 ug/l

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

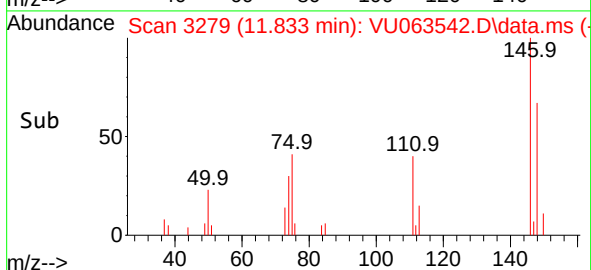
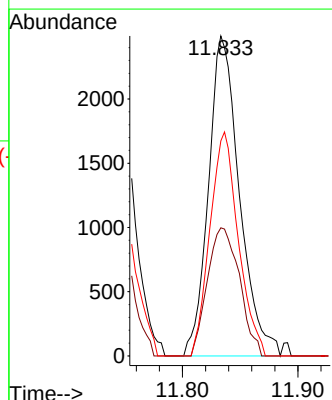
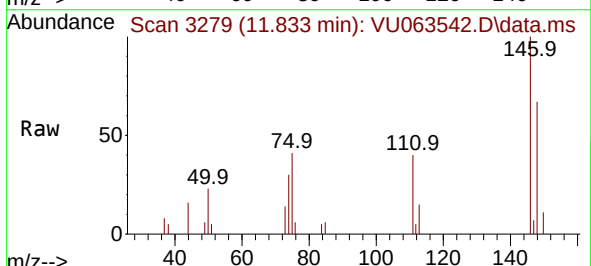
Tgt Ion:146 Resp: 4640

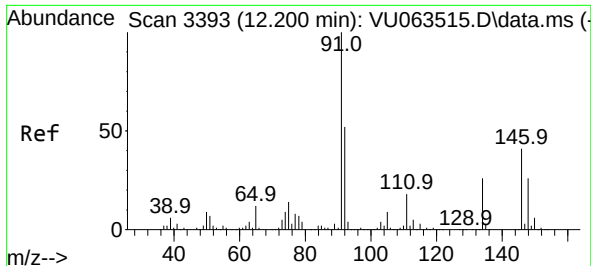
Ion Ratio Lower Upper

146 100

111 41.4 32.0 48.0

148 64.1 50.2 75.2

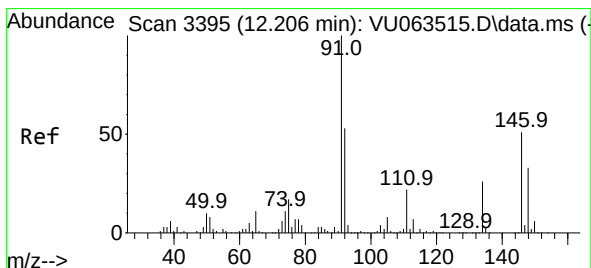
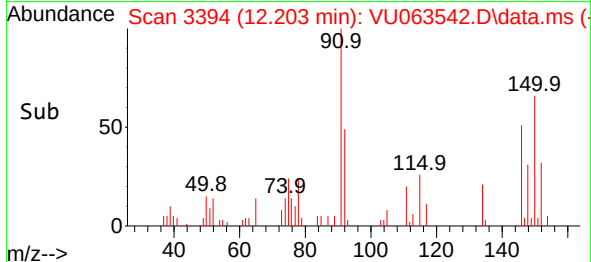
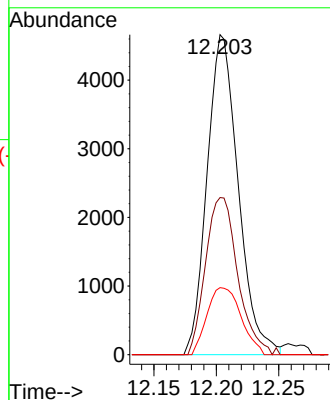
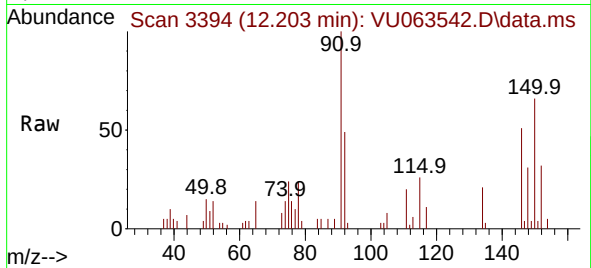




#84
n-Butylbenzene
Concen: 0.409 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

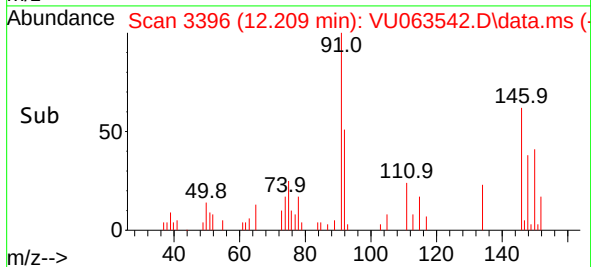
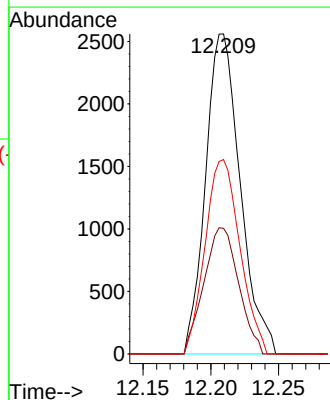
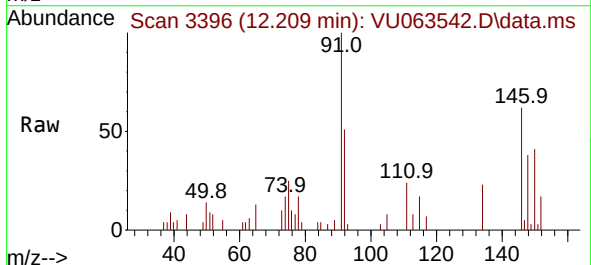
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

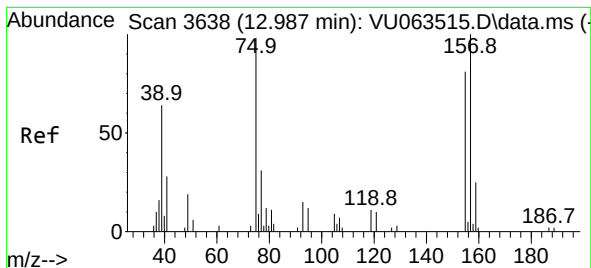
Tgt Ion: 91 Resp: 8117
Ion Ratio Lower Upper
91 100
92 50.9 41.5 62.3
134 22.8 20.6 30.8



#85
1,2-Dichlorobenzene
Concen: 0.450 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 146 Resp: 4549
Ion Ratio Lower Upper
146 100
111 39.6 21.7 65.1
148 61.0 31.8 95.3

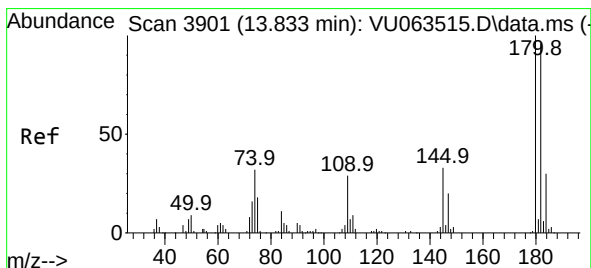
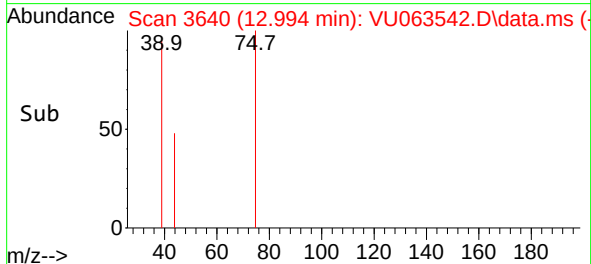
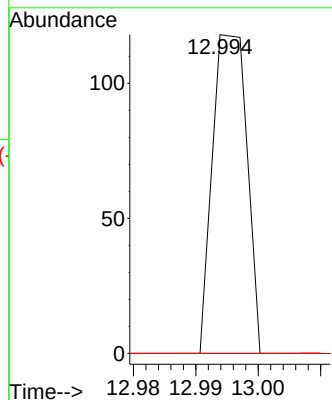
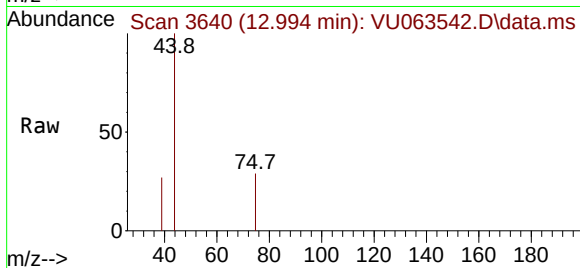




#86
1,2-Dibromo-3-Chloropropane
Concen: 0.075 ug/l
RT: 12.994 min Scan# 30
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

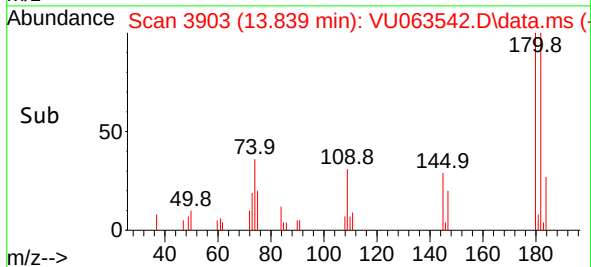
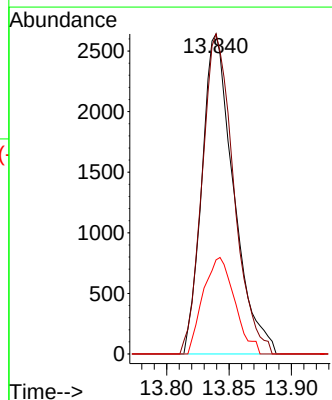
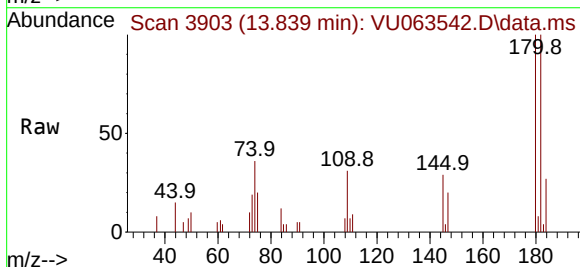
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

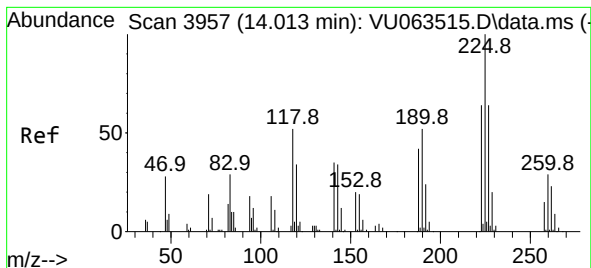
Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.6#
157 0.0 81.4 122.2#



#87
1,2,4-Trichlorobenzene
Concen: 0.741 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.006 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:180 Resp: 4657
Ion Ratio Lower Upper
180 100
182 99.7 76.2 114.4
145 30.0 26.2 39.2





#88

Hexachlorobutadiene

Concen: 0.449 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

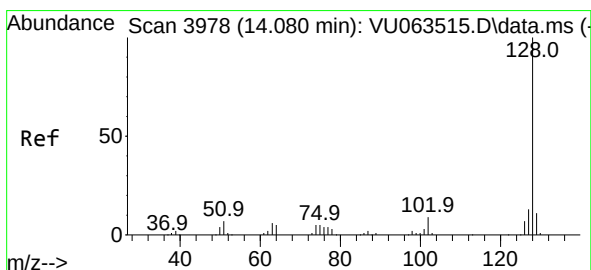
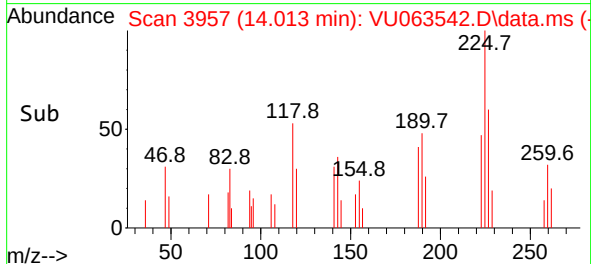
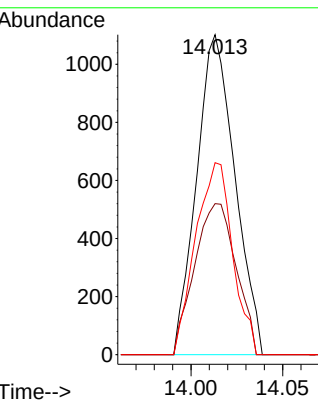
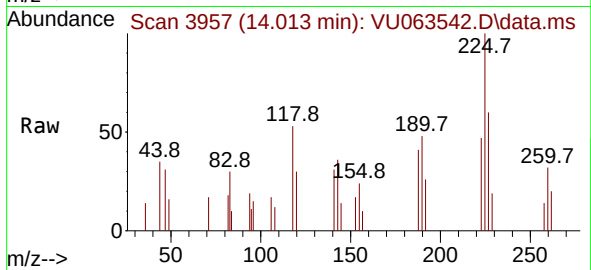
Tgt Ion:225 Resp: 1602

Ion Ratio Lower Upper

225 100

223 51.2 50.8 76.2

227 57.9 51.0 76.6



#89

Naphthalene

Concen: 0.499 ug/l

RT: 14.094 min Scan# 3982

Delta R.T. 0.014 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

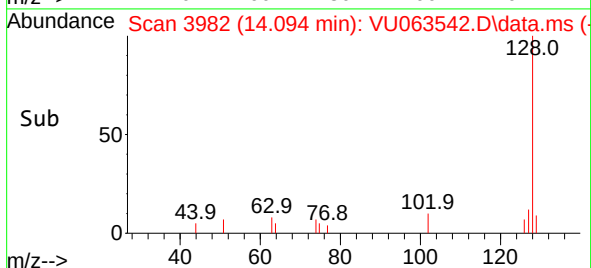
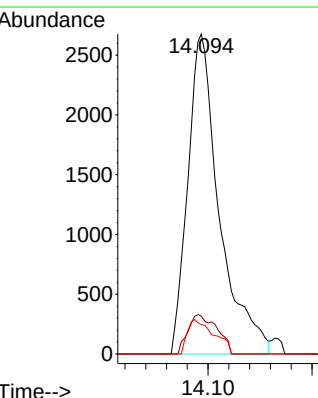
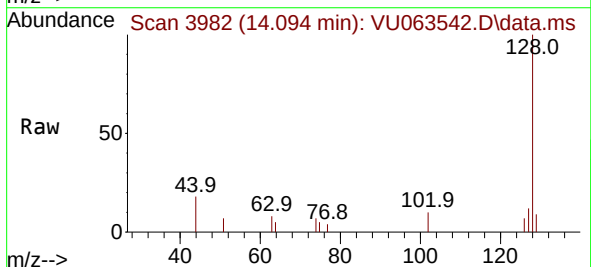
Tgt Ion:128 Resp: 5620

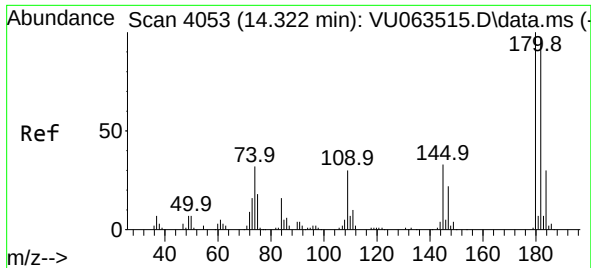
Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.4

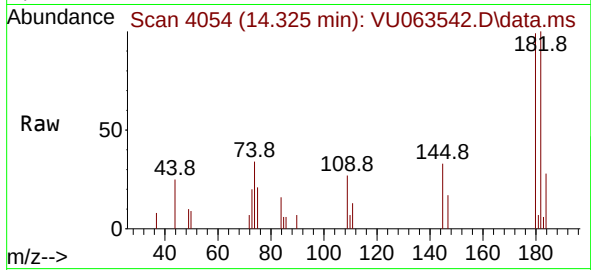
129 9.1 8.8 13.2





#90
 1,2,3-Trichlorobenzene
 Concen: 0.520 ug/l
 RT: 14.325 min Scan# 4053
 Delta R.T. 0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



Tgt Ion:	180	Resp:	3020
Ion	Ratio	Lower	Upper
180	100		
182	105.4	78.0	117.0
145	34.8	27.3	40.9

