

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
 Data File : VU063528.D
 Acq On : 17 Jul 2025 16:49
 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 18 05:07:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 18 05:06:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	21309	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	8050	0.998	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	7934	1.063	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	5454	0.868	ug/l	94
3) Chloromethane	1.518	50	5709	0.977	ug/l	100
4) Vinyl Chloride	1.599	62	6933	0.932	ug/l	99
5) Bromomethane	1.846	94	6074	1.083	ug/l	100
6) Chloroethane	1.924	64	4128	0.919	ug/l	94
7) Trichlorofluoromethane	2.129	101	10526	0.986	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	5254	0.941	ug/l	98
9) 1,1-Dichloroethene	2.567	96	5210	0.942	ug/l	100
10) Iodomethane	2.708	142	2871	0.430	ug/l	94
11) Allyl Chloride	2.911	41	6784	0.849	ug/l #	79
12) Acrylonitrile	3.306	53	2689	1.943	ug/l	93
13) Acetone	2.621	43	5008	4.517	ug/l	92
14) Carbon Disulfide	2.776	76	14016	0.784	ug/l	99
15) Methylene Chloride	3.030	84	6777	1.040	ug/l	94
16) trans-1,2-Dichloroethene	3.335	96	5847	0.931	ug/l	98
17) 1,1-Dichloroethane	3.849	63	11630	0.999	ug/l	98
18) 2-Butanone	4.718	43	7689	4.479	ug/l	98
19) Cyclohexane	5.354	56	9234	0.936	ug/l	100
20) Methylcyclohexane	6.740	83	7382	0.770	ug/l	95
21) 2,2-Dichloropropane	4.647	77	8389	0.846	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	6524	0.957	ug/l	98
23) Diethyl Ether	2.370	59	4034	0.957	ug/l #	90
24) tert-Butyl Alcohol	3.200	59	5132	10.085	ug/l	98
25) Methyl tert-Butyl Ether	3.361	73	14038	0.972	ug/l #	87
26) Bromochloromethane	4.952	128	2647	0.930	ug/l	91
27) Chloroform	5.071	83	11684	0.983	ug/l	96
28) 1,1,1-Trichloroethane	5.293	97	9333	0.925	ug/l	99
29) 1,1-Dichloropropene	5.502	75	9013	0.965	ug/l	95
30) Carbon Tetrachloride	5.499	117	7166	0.883	ug/l	87
31) Isopropyl Ether	3.994	45	17255	0.982	ug/l	99
32) Ethyl-t-butyl ether	4.509	59	16439	1.011	ug/l	98
33) Tert-Amyl methyl ether	5.943	73	14276	1.011	ug/l	100
34) Propionitrile	4.782	54	2461	4.705	ug/l #	95
35) Benzene	5.753	78	24952	0.994	ug/l	99
36) 1,2-Dichloroethane	5.779	62	8309	1.065	ug/l	96
37) Trichloroethene	6.525	130	5075	0.792	ug/l	100
38) 1,2-Dichloropropane	6.782	63	4733	0.806	ug/l	98
39) Methacrylonitrile	4.975	41	1933	0.831	ug/l #	71
40) Methyl acrylate	4.853	55	2832	0.833	ug/l #	87
41) Tetrahydrofuran	5.062	42	2799	2.288	ug/l #	89
42) 1-Chlorobutane	5.438	56	11380	0.916	ug/l	97
43) Dibromomethane	6.910	93	2672	0.878	ug/l #	83
44) Bromodichloromethane	7.097	83	5061	0.737	ug/l #	94

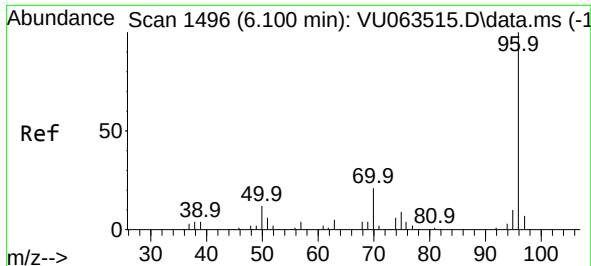
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 18 05:06:32 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	13359	4.259	ug/l	98
46) t-1,4-Dichloro-2-butene	10.817	75	4722	4.010	ug/l #	51
47) Methyl methacrylate	6.968	69	4076	1.595	ug/l	97
48) Ethyl methacrylate	8.338	69	4025	0.825	ug/l	98
49) Toluene	7.962	92	11337	0.827	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	3515	0.653	ug/l	94
51) cis-1,3-Dichloropropene	7.602	75	4886	0.676	ug/l #	88
52) 1,1,2-Trichloroethane	8.396	97	3542	0.864	ug/l	95
53) 1,3-Dichloropropane	8.573	76	6036	0.853	ug/l	98
54) 2-Hexanone	8.695	43	8315	3.991	ug/l	99
55) Dibromochloromethane	8.801	129	2873	0.663	ug/l	96
56) 1,2-Dibromoethane	8.920	107	3039	0.829	ug/l	98
58) Tetrachloroethene	8.541	164	4783	0.816	ug/l	98
59) Chlorobenzene	9.441	112	13681	0.869	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	3749	0.741	ug/l	99
61) Pentachloroethane	11.418	117	2708	0.757	ug/l	89
62) Hexachloroethane	12.467	117	2275	0.642	ug/l	95
63) Ethyl Benzene	9.563	91	23112	0.853	ug/l	99
64) m/p-Xylenes	9.688	106	17011	1.616	ug/l	98
65) o-Xylene	10.094	106	8001	0.791	ug/l	89
66) Styrene	10.113	104	13102	0.813	ug/l	98
67) Bromoform	10.287	173	1337	0.601	ug/l #	95
69) Isopropylbenzene	10.476	105	20196	0.826	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	4524	0.907	ug/l #	91
71) 1,2,3-Trichloropropane	10.817	75	4722	1.166	ug/l #	84
72) Bromobenzene	10.775	156	5120	0.811	ug/l	78
73) n-propylbenzene	10.901	120	6774	0.920	ug/l	94
74) 2-Chlorotoluene	10.981	126	5466	0.840	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	18412	0.788	ug/l	99
76) 4-Chlorotoluene	11.094	126	5340	0.808	ug/l	90
77) tert-Butylbenzene	11.412	119	18378	0.823	ug/l	95
78) 1,2,4-Trimethylbenzene	11.463	105	18250	0.787	ug/l	97
79) sec-Butylbenzene	11.637	105	24871	0.826	ug/l	97
80) Nitrobenzene	13.225	77	62	0.709	ug/l #	44
81) p-Isopropyltoluene	11.785	119	19522	0.777	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	10465	0.829	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	10927	0.864	ug/l	98
84) n-Butylbenzene	12.203	91	18903	0.811	ug/l	96
85) 1,2-Dichlorobenzene	12.206	146	9867	0.832	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.987	75	461	0.650	ug/l #	79
87) 1,2,4-Trichlorobenzene	13.836	180	5461	0.740	ug/l	97
88) Hexachlorobutadiene	14.013	225	3214	0.767	ug/l	96
89) Naphthalene	14.090	128	10211	0.772	ug/l #	97
90) 1,2,3-Trichlorobenzene	14.328	180	5381	0.789	ug/l	95

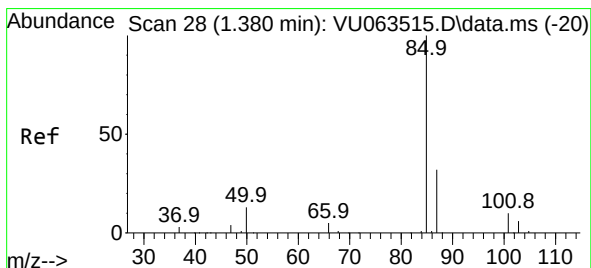
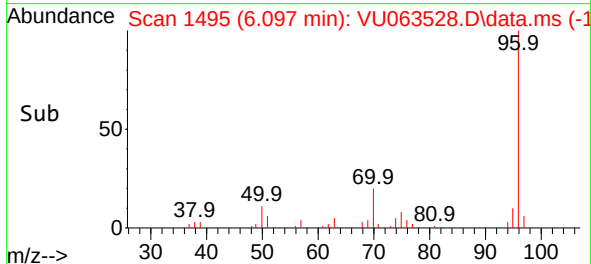
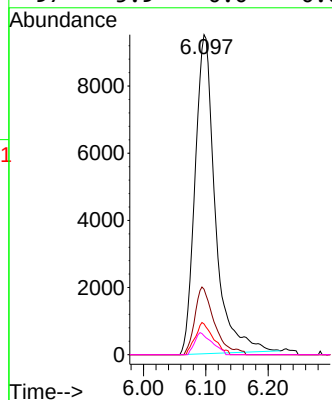
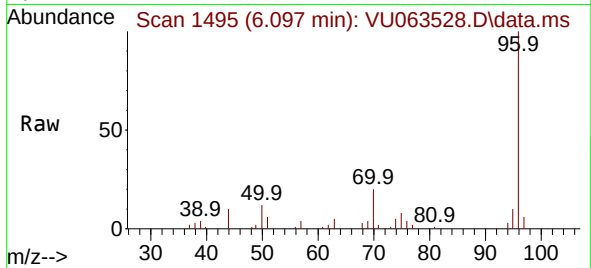
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
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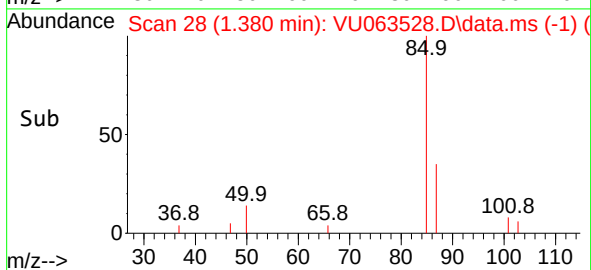
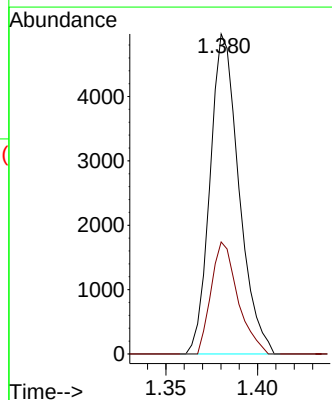
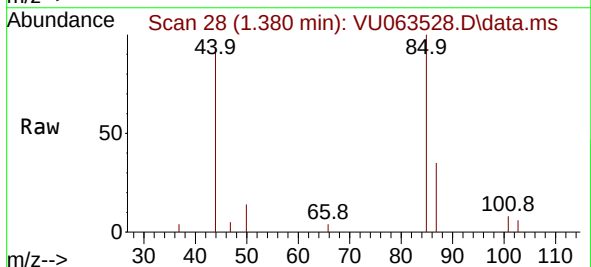
Instrument :
MSVOA_U
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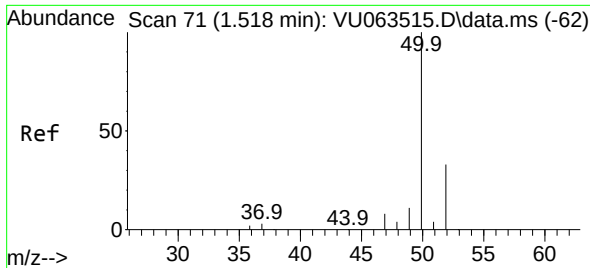
Tgt Ion:	96	Resp:	21309
Ion	Ratio	Lower	Upper
96	100		
70	20.5	15.0	22.4
95	9.0	7.4	11.0
97	5.9	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.868 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion:	85	Resp:	5454
Ion	Ratio	Lower	Upper
85	100		
87	35.0	16.0	47.9

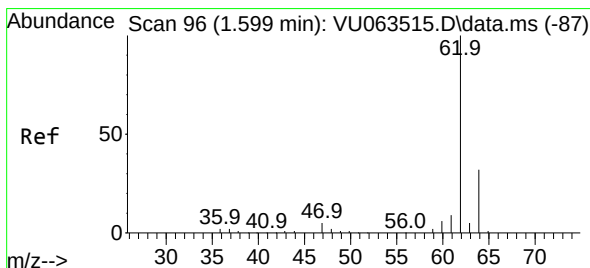
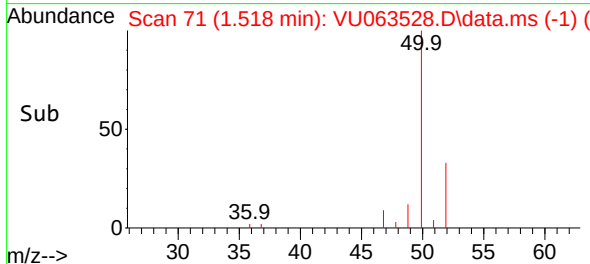
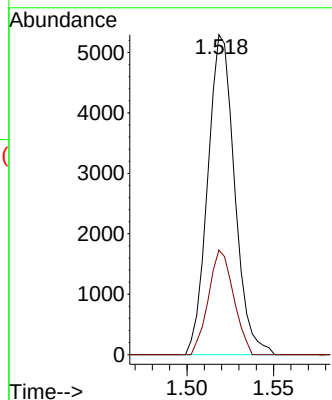
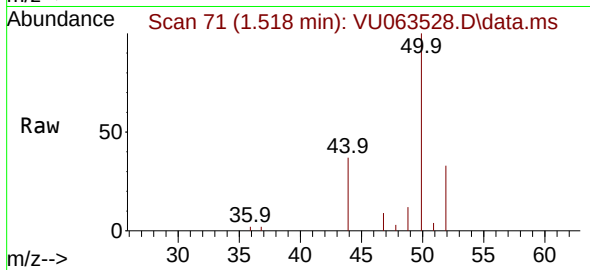




#3
Chloromethane
Concen: 0.977 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

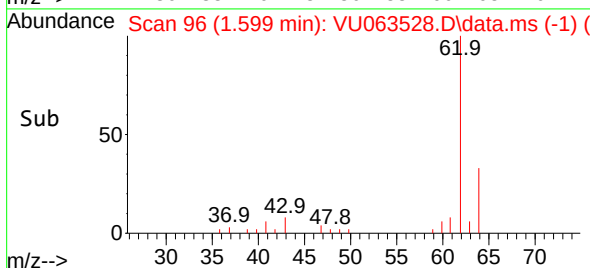
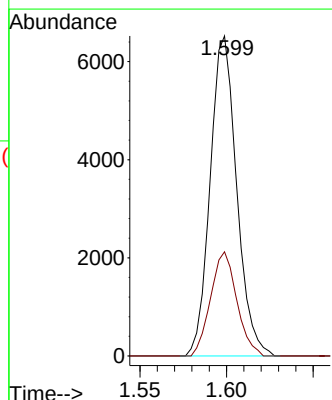
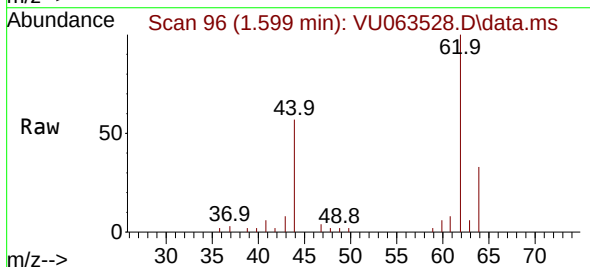
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

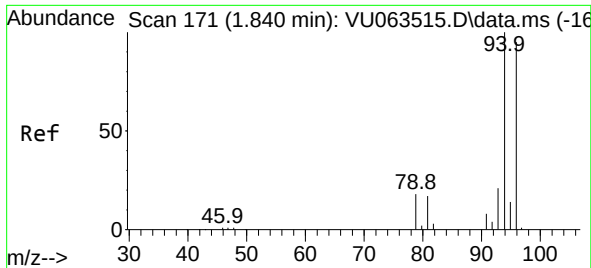
Tgt Ion: 50 Resp: 5709
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5



#4
Vinyl Chloride
Concen: 0.932 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 62 Resp: 6933
Ion Ratio Lower Upper
62 100
64 32.5 25.7 38.5

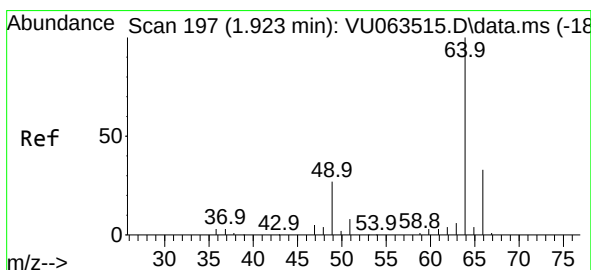
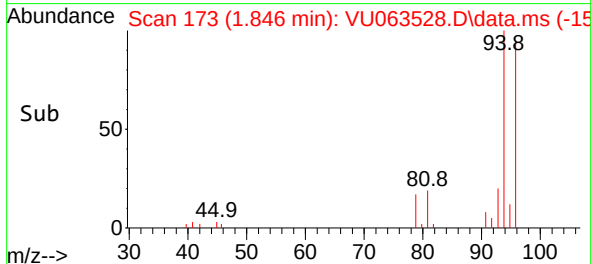
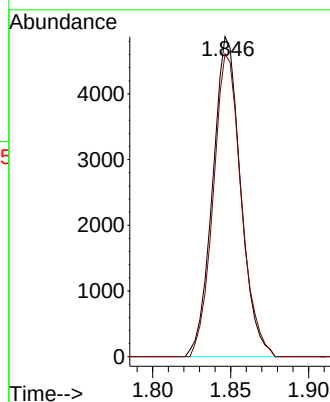
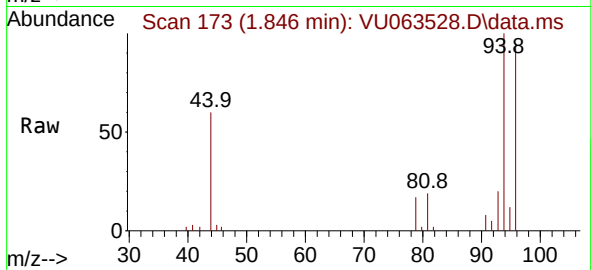




#5
Bromomethane
Concen: 1.083 ug/l
RT: 1.846 min Scan# 171
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

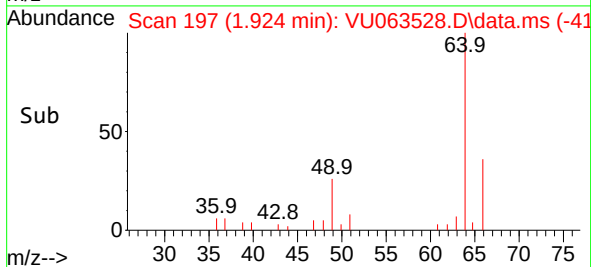
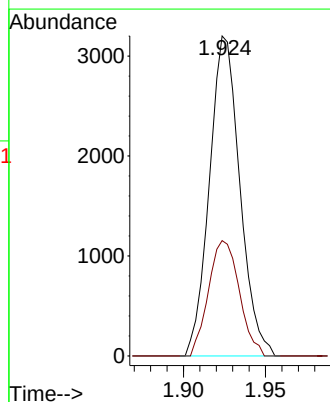
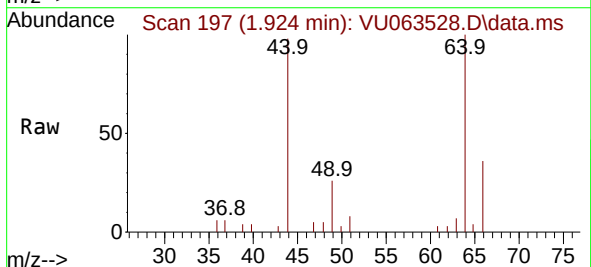
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ClientSampleId :
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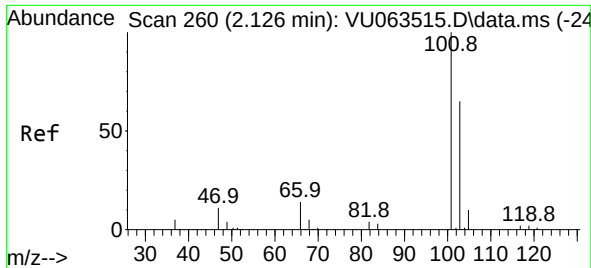
Tgt Ion: 94 Resp: 6074
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.6



#6
Chloroethane
Concen: 0.919 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 64 Resp: 4128
Ion Ratio Lower Upper
64 100
66 36.1 26.2 39.4

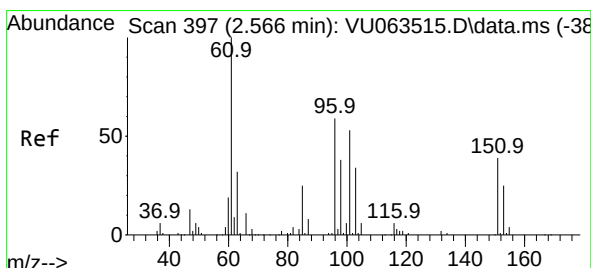
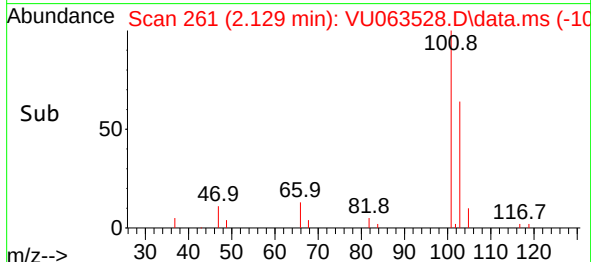
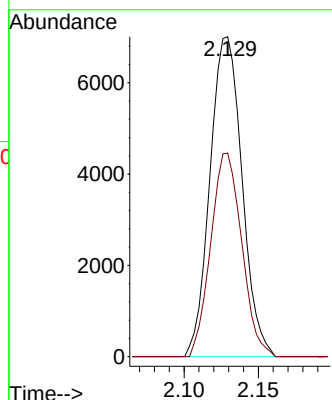
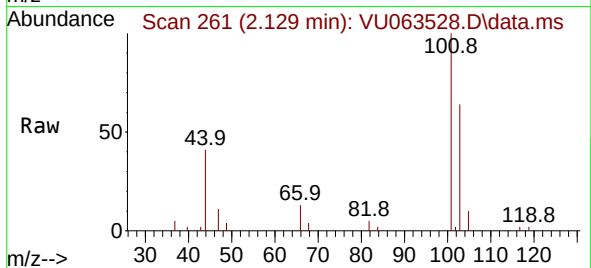




#7
 Trichlorofluoromethane
 Concen: 0.986 ug/l
 RT: 2.129 min Scan# 260
 Delta R.T. 0.003 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

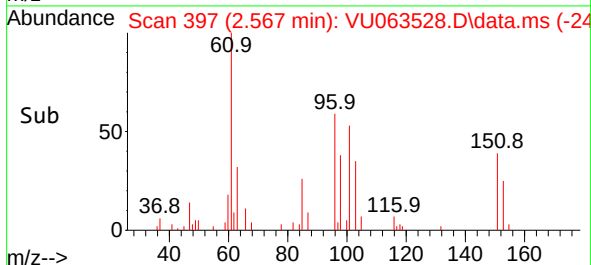
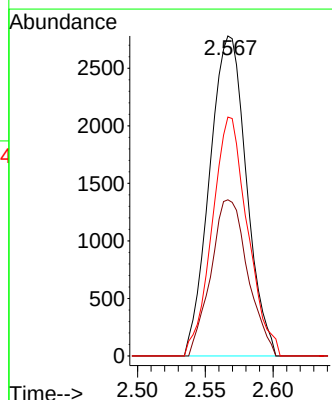
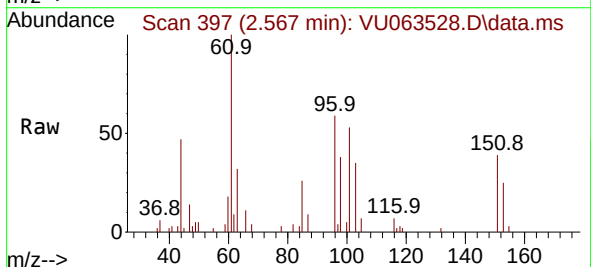
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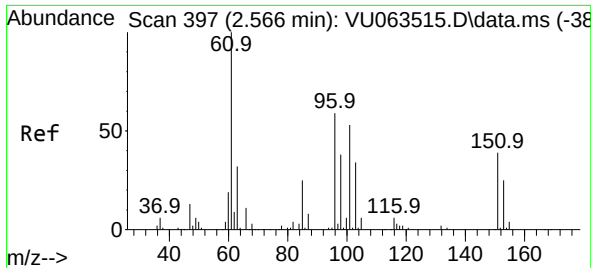
Tgt Ion:101 Resp: 10526
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.2 78.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.941 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

Tgt Ion:101 Resp: 5254
 Ion Ratio Lower Upper
 101 100
 85 48.8 37.8 56.6
 151 71.9 59.2 88.8

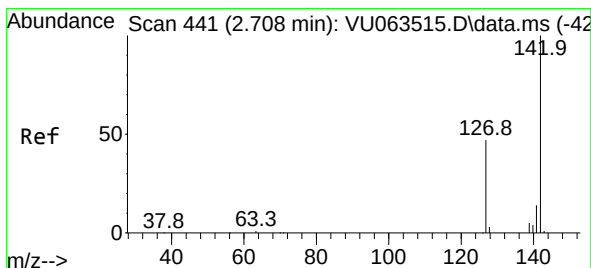
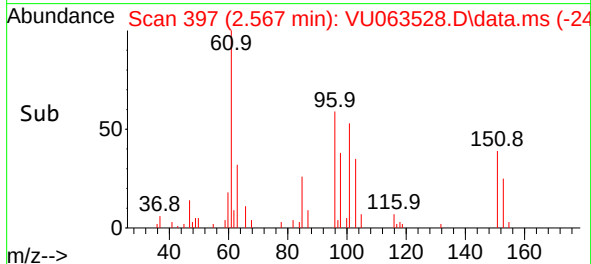
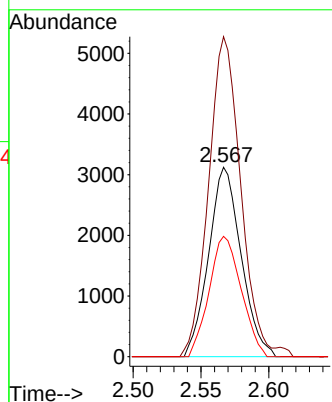
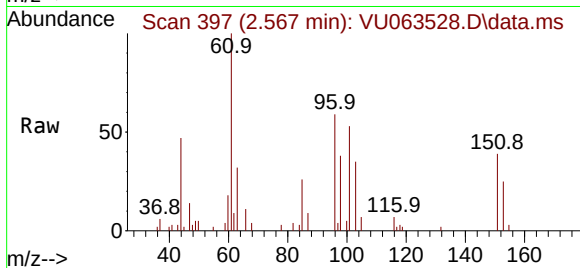




#9
 1,1-Dichloroethene
 Concen: 0.942 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

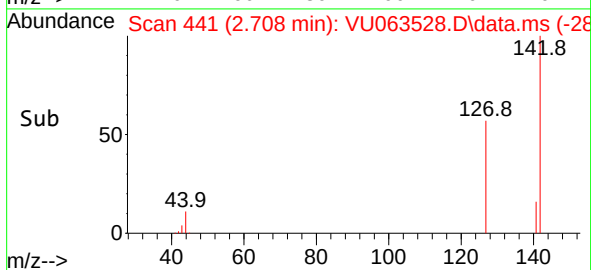
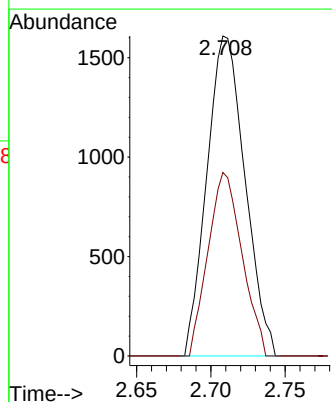
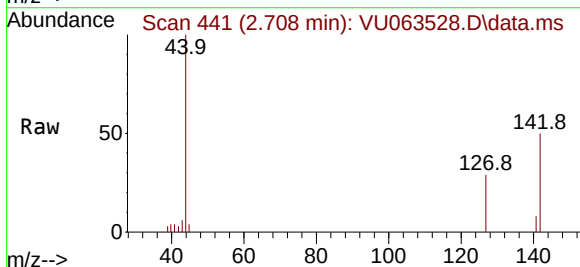
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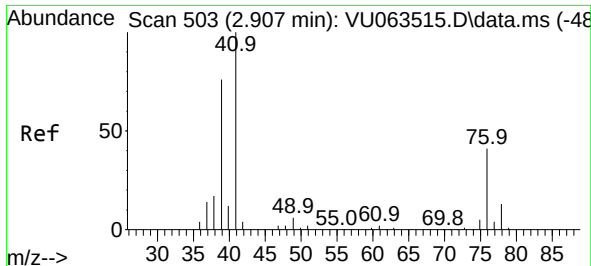
Tgt Ion: 96 Resp: 5210
 Ion Ratio Lower Upper
 96 100
 61 168.9 0.0 504.3
 98 63.5 0.0 126.8



#10
 Iodomethane
 Concen: 0.430 ug/l
 RT: 2.708 min Scan# 441
 Delta R.T. 0.000 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

Tgt Ion: 142 Resp: 2871
 Ion Ratio Lower Upper
 142 100
 127 51.1 37.9 56.9

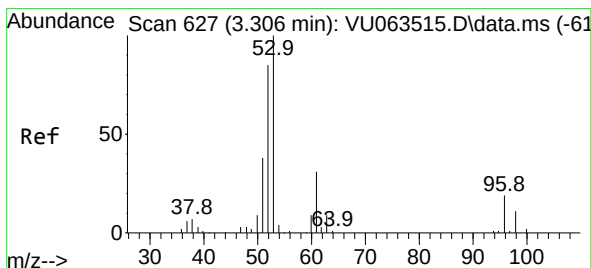
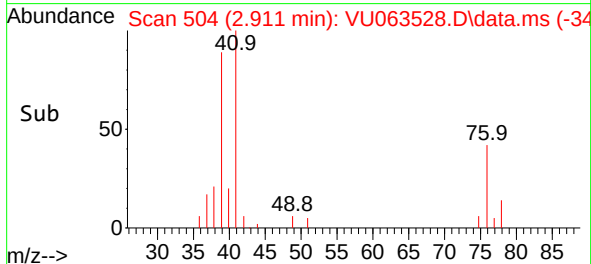
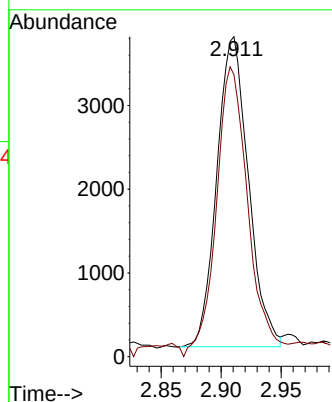
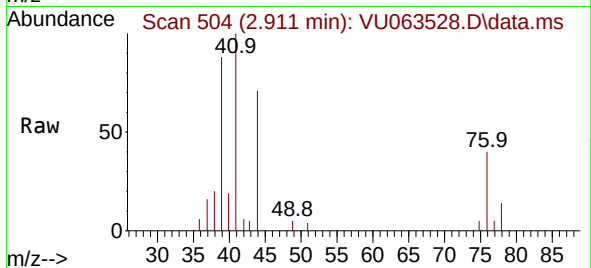




#11
 Allyl Chloride
 Concen: 0.849 ug/l
 RT: 2.911 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

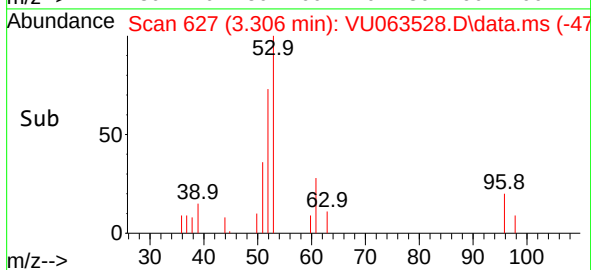
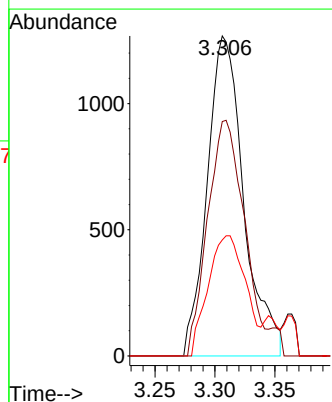
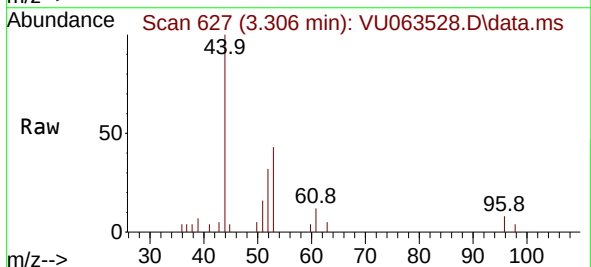
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

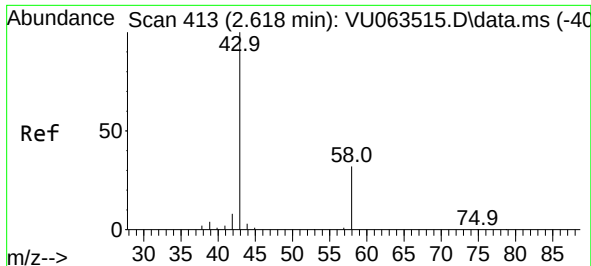
Tgt Ion: 41 Resp: 6784
 Ion Ratio Lower Upper
 41 100
 39 94.6 61.5 92.3#



#12
 Acrylonitrile
 Concen: 1.943 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

Tgt Ion: 53 Resp: 2689
 Ion Ratio Lower Upper
 53 100
 52 74.0 64.3 96.5
 51 38.8 27.8 41.8





#13

Acetone

Concen: 4.517 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

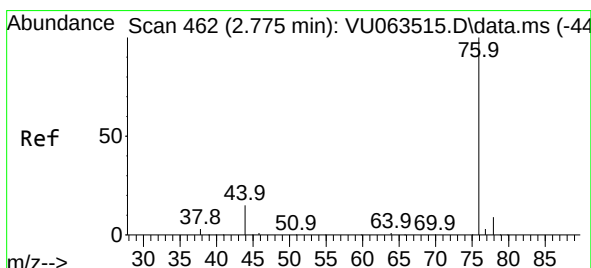
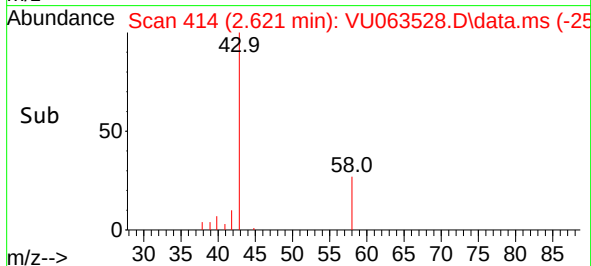
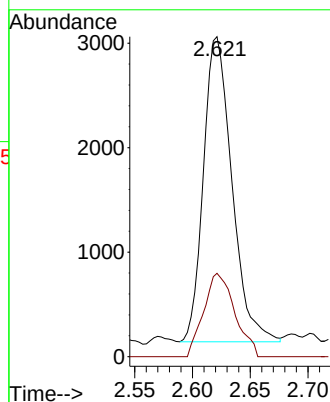
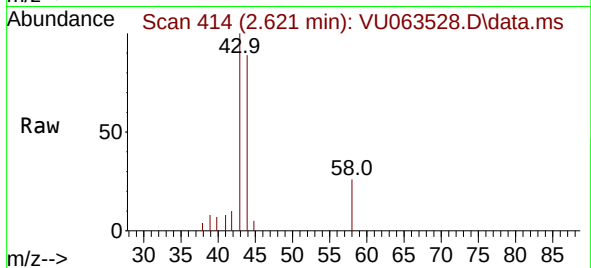
RL-CHECK

Tgt Ion: 43 Resp: 5008

Ion Ratio Lower Upper

43 100

58 27.3 25.4 38.0



#14

Carbon Disulfide

Concen: 0.784 ug/l

RT: 2.776 min Scan# 462

Delta R.T. 0.000 min

Lab File: VU063528.D

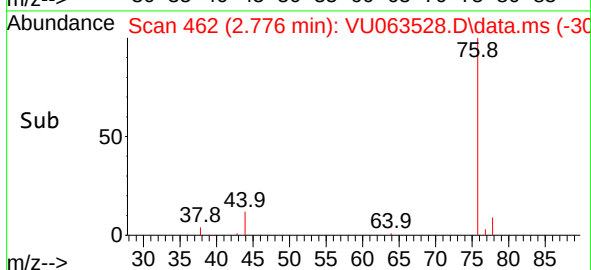
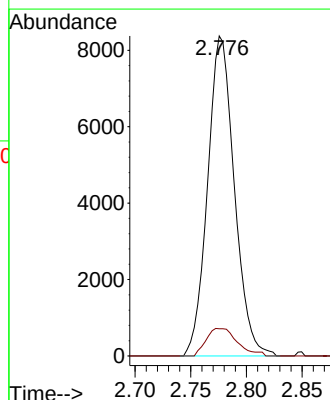
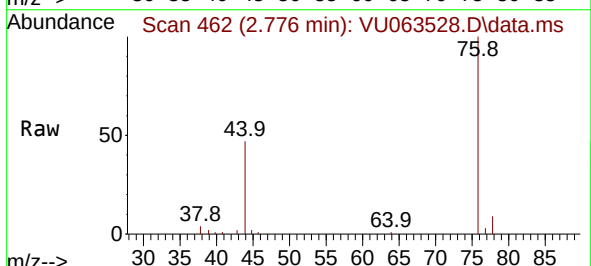
Acq: 17 Jul 2025 16:49

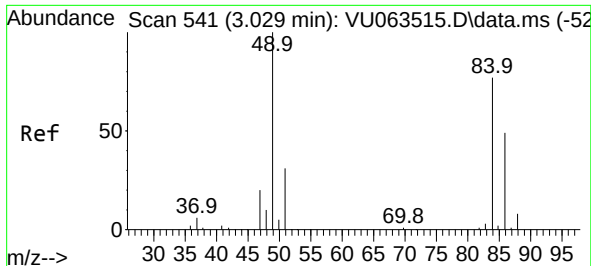
Tgt Ion: 76 Resp: 14016

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.6



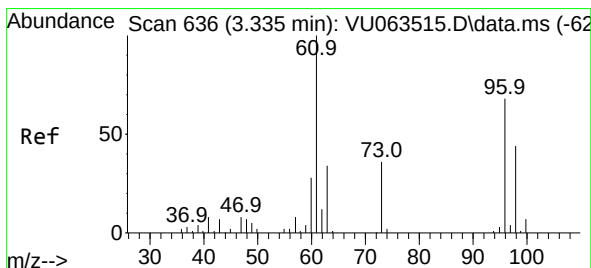
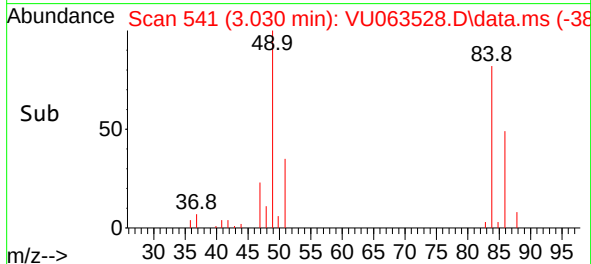
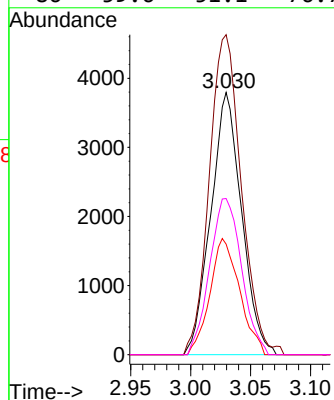
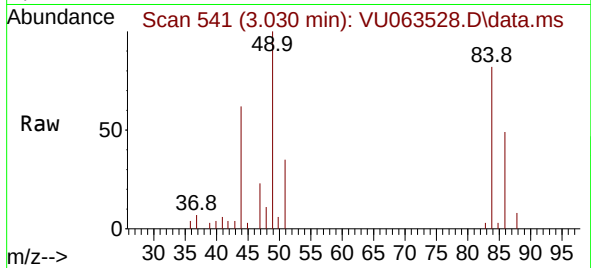


#15
Methylene Chloride
Concen: 1.040 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 84 Resp: 6777

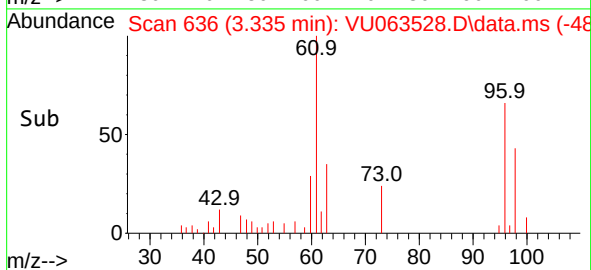
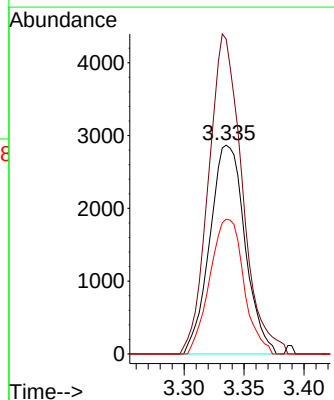
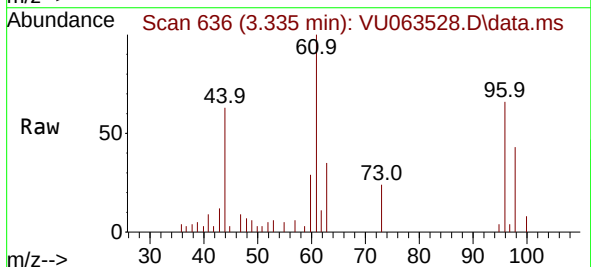
Ion	Ratio	Lower	Upper
84	100		
49	122.0	103.8	155.8
51	42.1	0.0	80.4
86	59.6	51.1	76.7

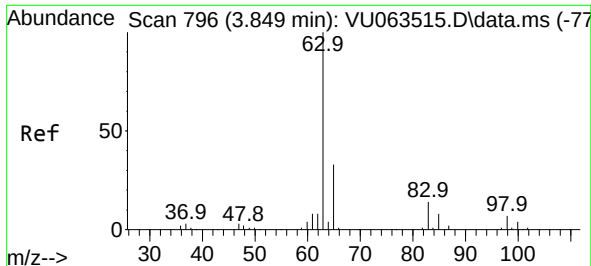


#16
trans-1,2-Dichloroethene
Concen: 0.931 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 96 Resp: 5847

Ion	Ratio	Lower	Upper
96	100		
61	150.8	117.2	175.8
98	64.5	51.4	77.2

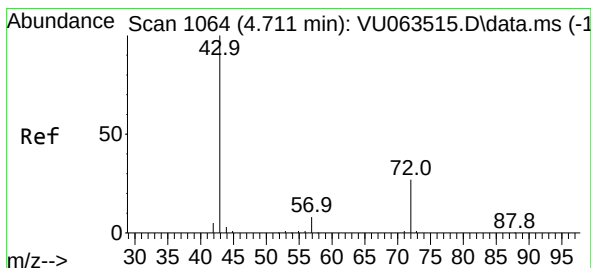
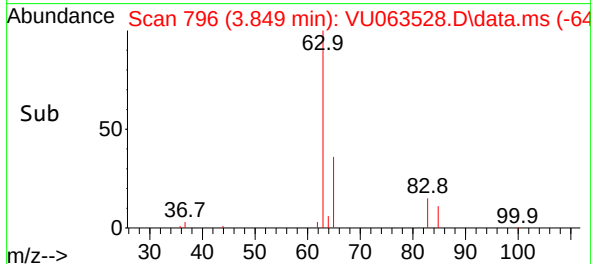
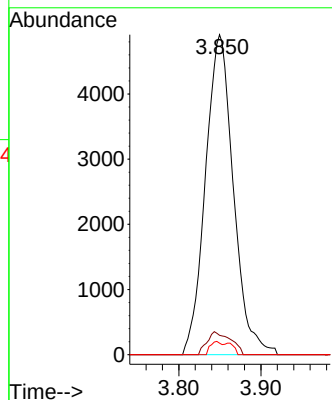
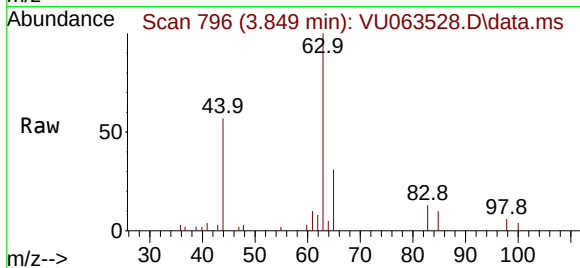




#17
 1,1-Dichloroethane
 Concen: 0.999 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

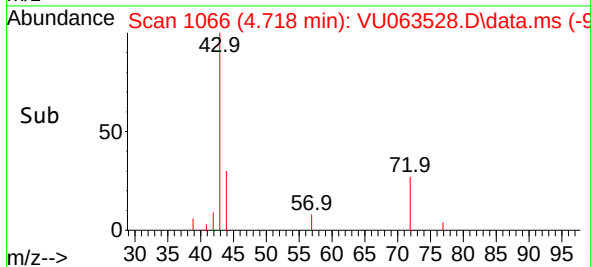
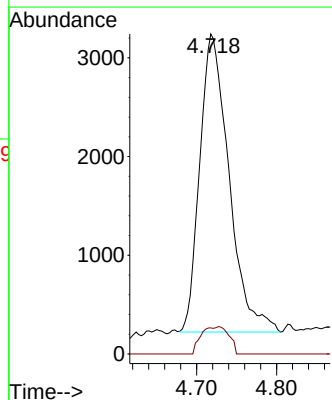
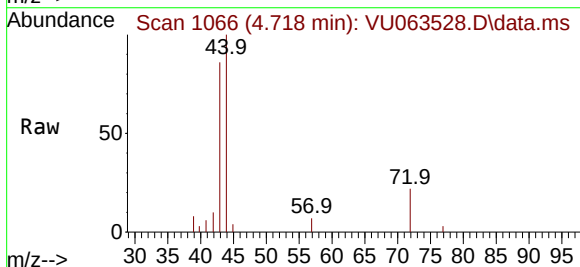
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

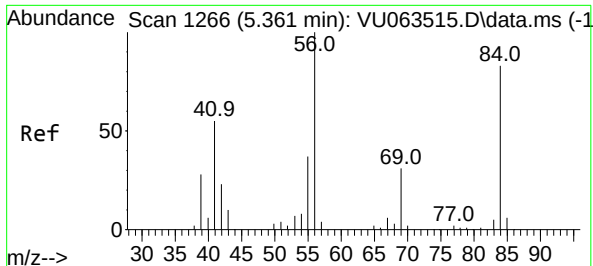
Tgt Ion: 63 Resp: 11630
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.2
 100 3.6 2.1 6.2



#18
 2-Butanone
 Concen: 4.479 ug/l
 RT: 4.718 min Scan# 1066
 Delta R.T. 0.007 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

Tgt Ion: 43 Resp: 7689
 Ion Ratio Lower Upper
 43 100
 57 8.7 0.0 16.4





#19

Cyclohexane

Concen: 0.936 ug/l

RT: 5.354 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

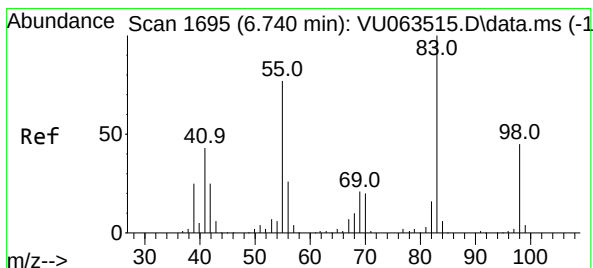
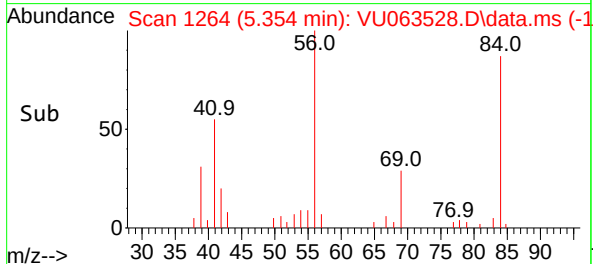
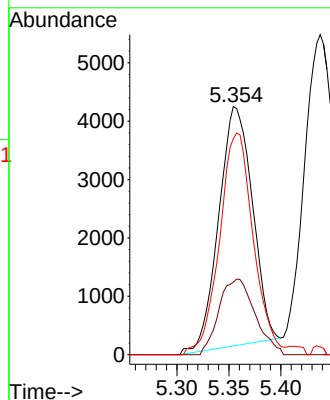
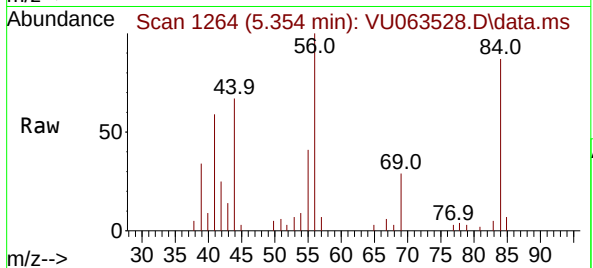
Tgt Ion: 56 Resp: 9234

Ion Ratio Lower Upper

56 100

69 33.8 26.6 39.8

84 88.9 71.0 106.4



#20

Methylcyclohexane

Concen: 0.770 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

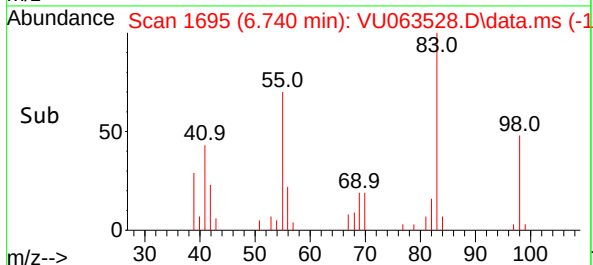
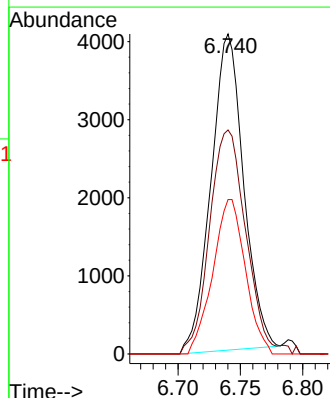
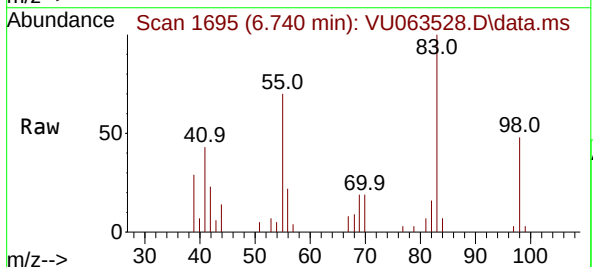
Tgt Ion: 83 Resp: 7382

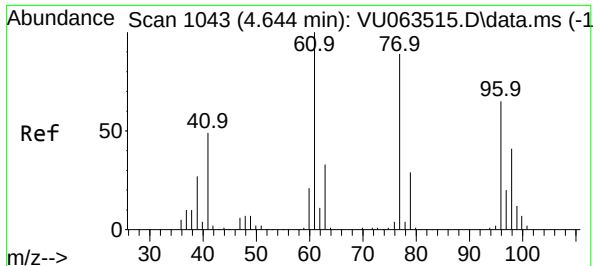
Ion Ratio Lower Upper

83 100

55 79.3 60.6 90.8

98 48.7 35.8 53.8





#21

2,2-Dichloropropane

Concen: 0.846 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

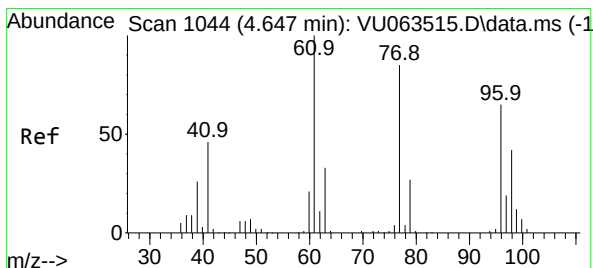
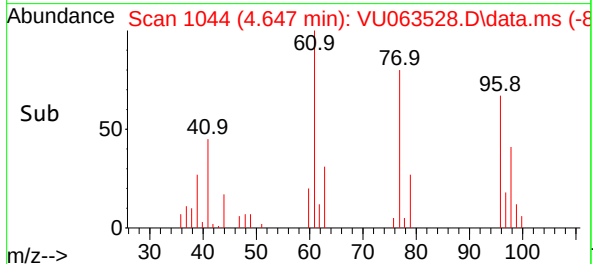
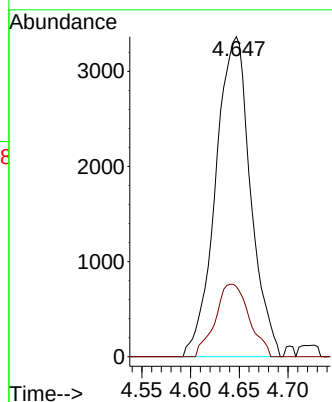
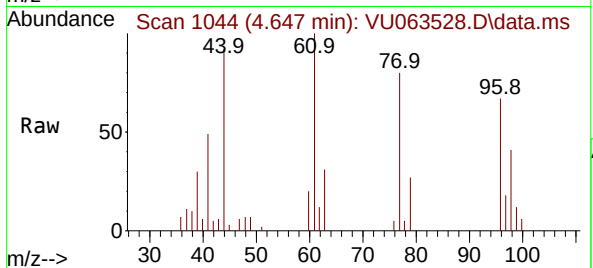
RL-CHECK

Tgt Ion: 77 Resp: 8389

Ion Ratio Lower Upper

77 100

97 22.0 17.8 26.8



#22

cis-1,2-Dichloroethene

Concen: 0.957 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

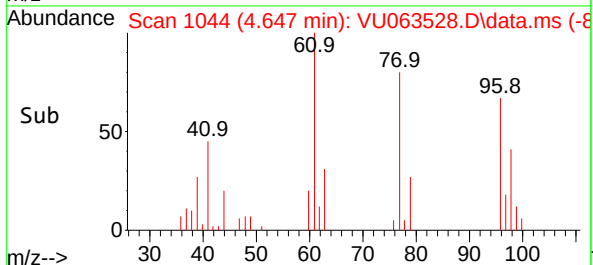
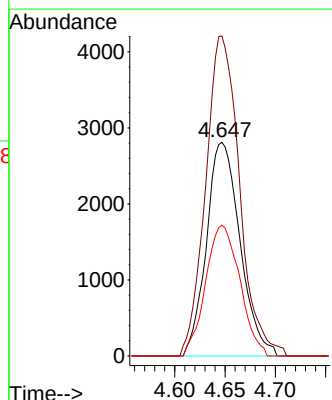
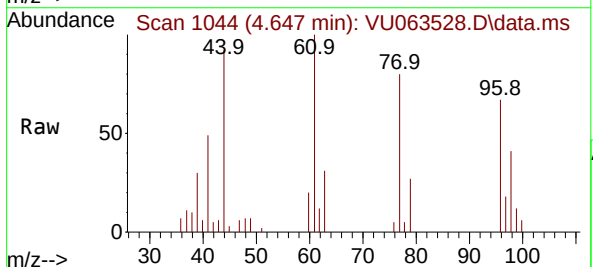
Tgt Ion: 96 Resp: 6524

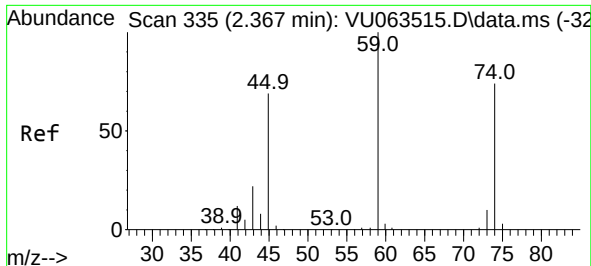
Ion Ratio Lower Upper

96 100

61 151.1 0.0 384.7

98 62.4 32.1 96.3





#23

Diethyl Ether

Concen: 0.957 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

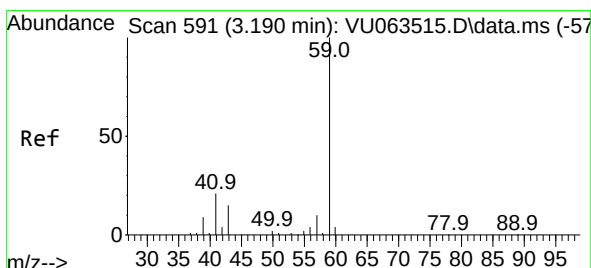
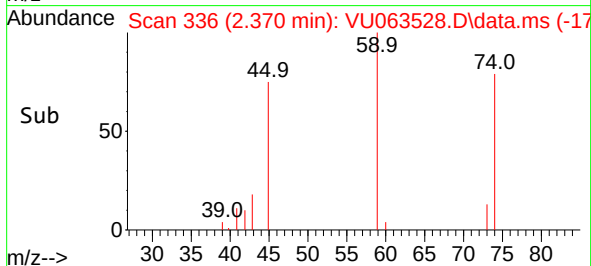
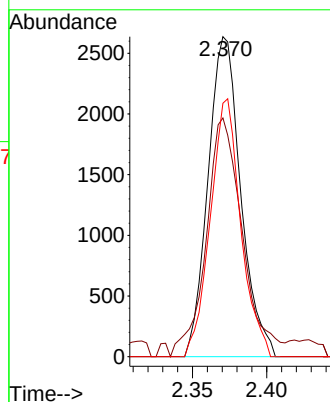
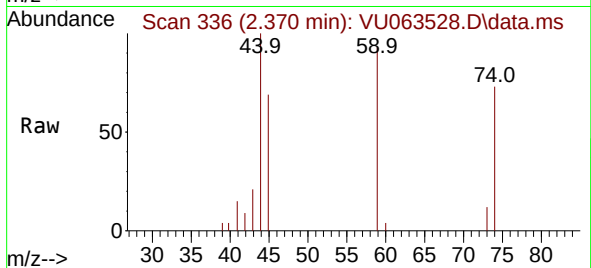
Tgt Ion: 59 Resp: 4034

Ion Ratio Lower Upper

59 100

45 82.8 55.1 82.7#

74 75.1 58.2 87.4



#24

tert-Butyl Alcohol

Concen: 10.085 ug/l

RT: 3.200 min Scan# 594

Delta R.T. 0.010 min

Lab File: VU063528.D

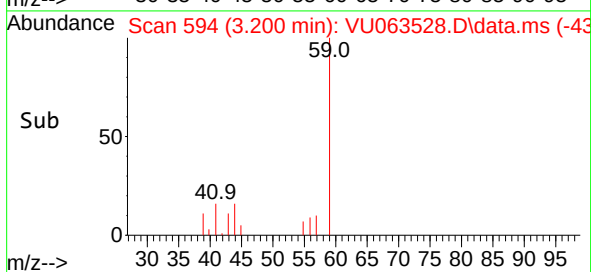
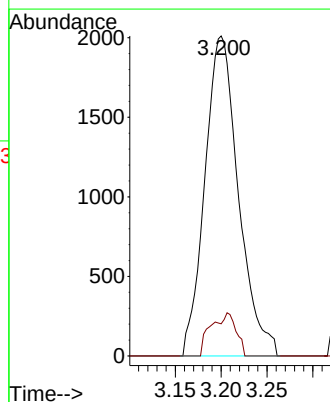
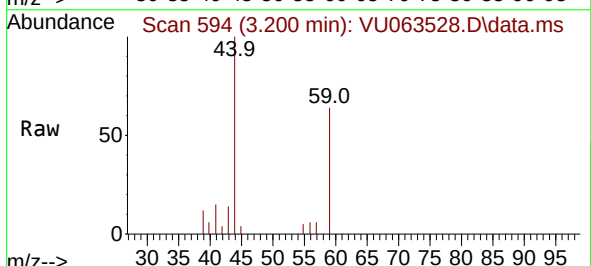
Acq: 17 Jul 2025 16:49

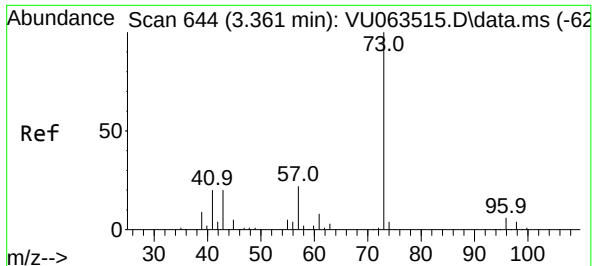
Tgt Ion: 59 Resp: 5132

Ion Ratio Lower Upper

59 100

57 10.0 8.6 12.8

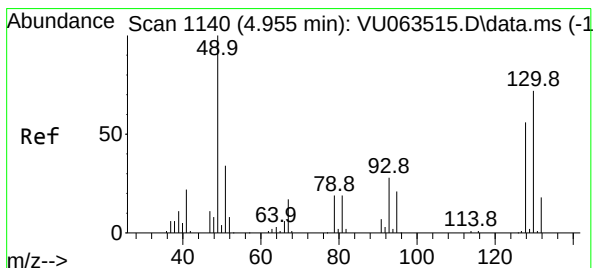
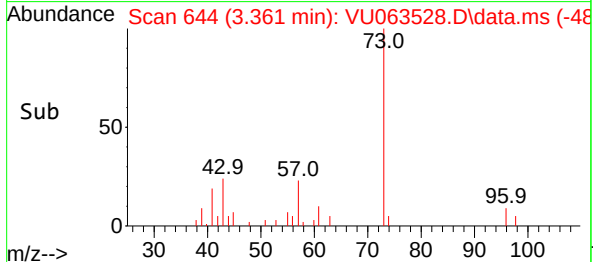
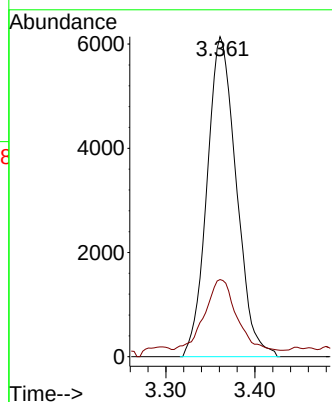
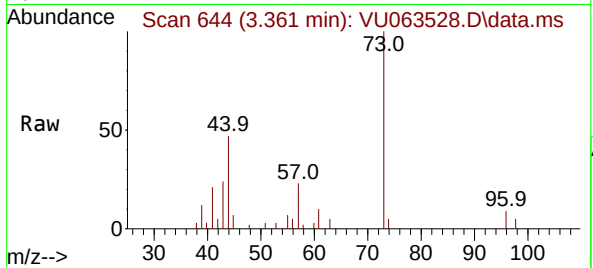




#25
Methyl tert-Butyl Ether
Concen: 0.972 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

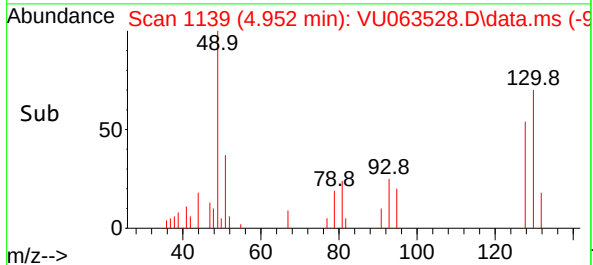
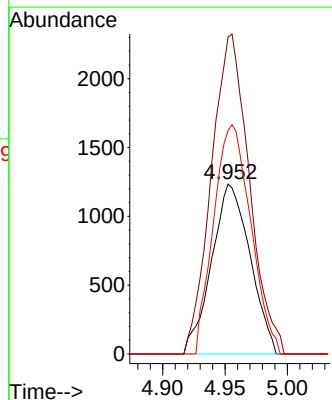
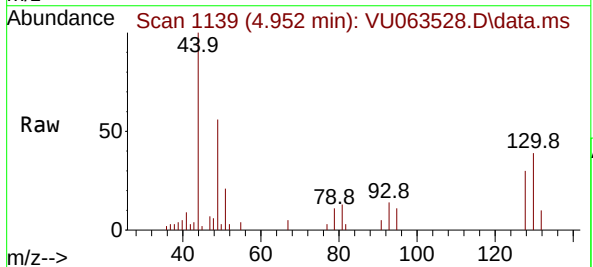
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

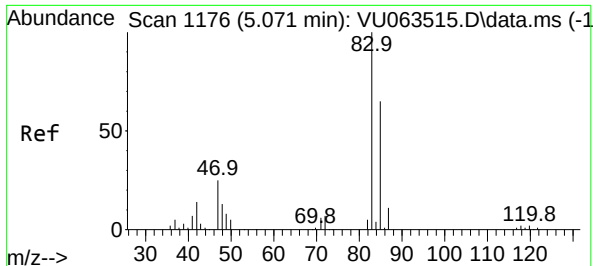
Tgt Ion: 73 Resp: 14038
Ion Ratio Lower Upper
73 100
43 26.2 16.2 24.2#



#26
Bromochloromethane
Concen: 0.930 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 128 Resp: 2647
Ion Ratio Lower Upper
128 100
49 186.4 0.0 340.8
130 130.6 100.5 150.7





#27

Chloroform

Concen: 0.983 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

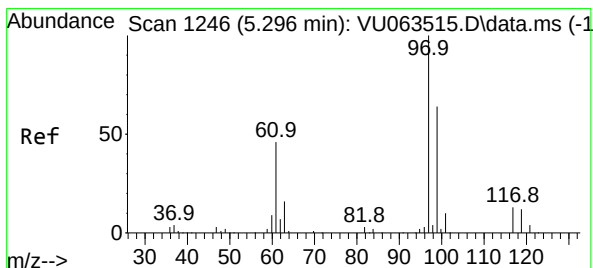
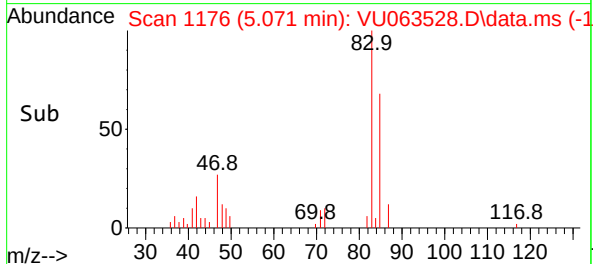
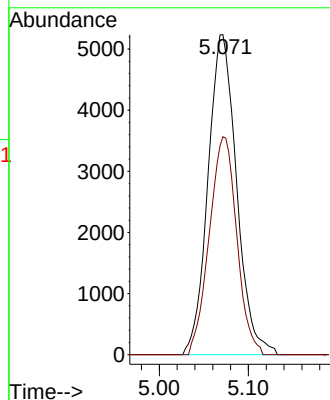
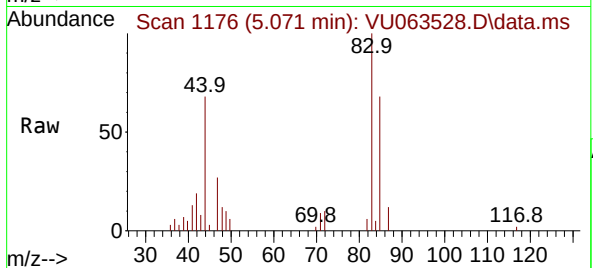
RL-CHECK

Tgt Ion: 83 Resp: 11684

Ion Ratio Lower Upper

83 100

85 68.1 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 0.925 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

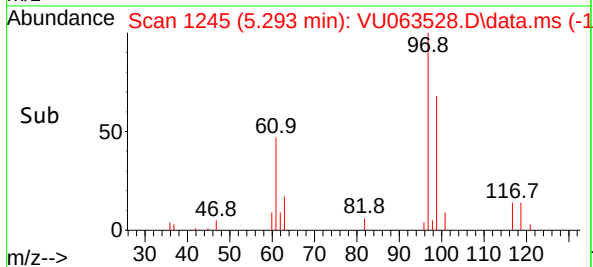
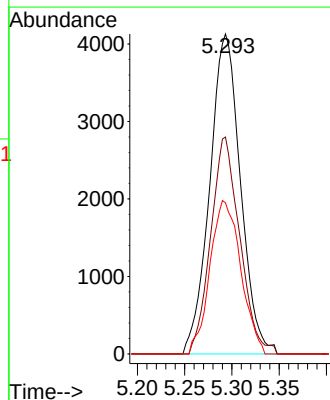
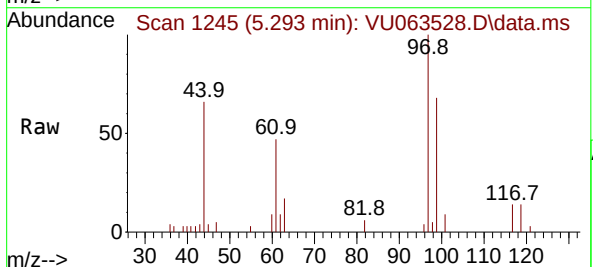
Tgt Ion: 97 Resp: 9333

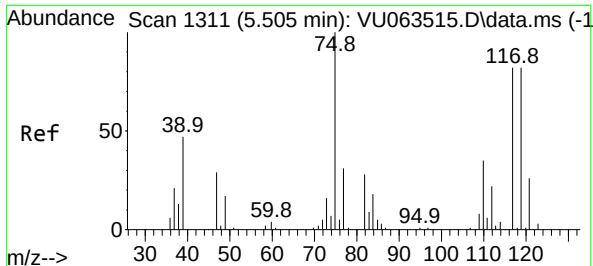
Ion Ratio Lower Upper

97 100

99 64.1 31.8 95.3

61 48.0 23.3 69.9

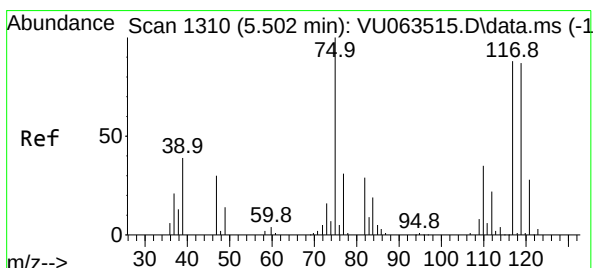
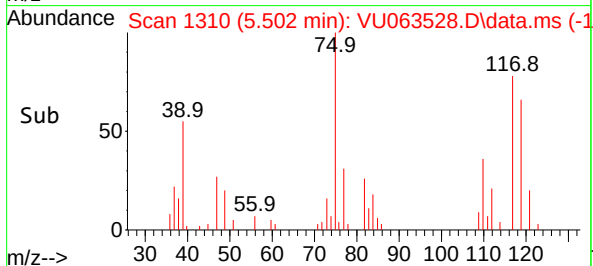
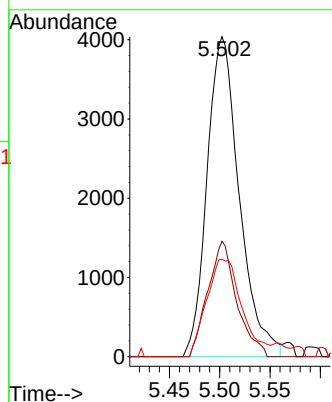
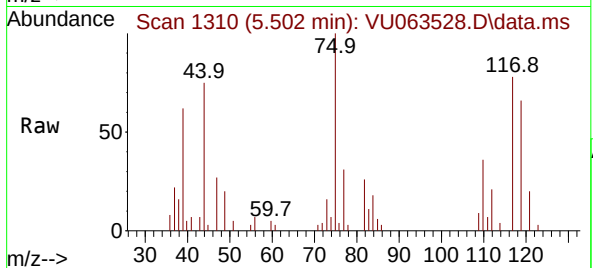




#29
1,1-Dichloropropene
Concen: 0.965 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

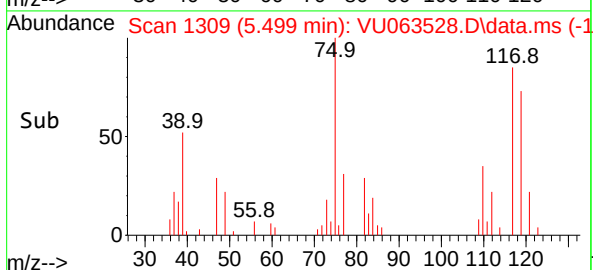
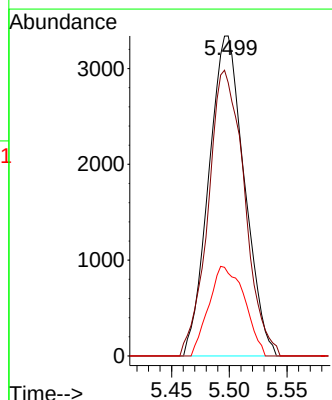
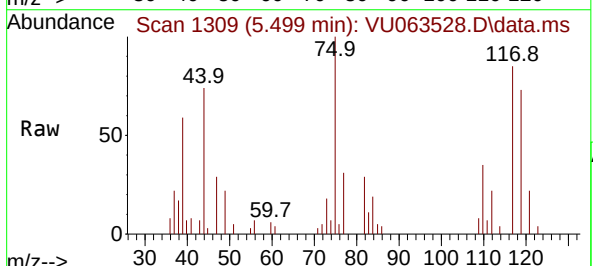
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

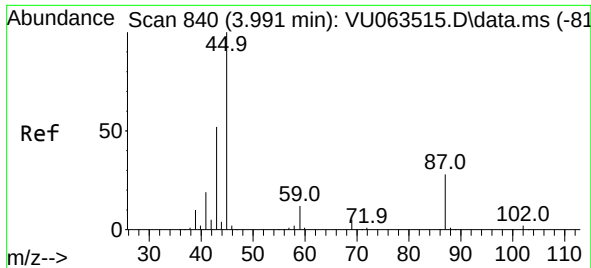
Tgt Ion: 75 Resp: 9013
Ion Ratio Lower Upper
75 100
110 32.4 17.8 53.4
77 33.4 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.883 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 117 Resp: 7166
Ion Ratio Lower Upper
117 100
119 85.4 79.2 118.8
121 25.8 25.5 38.3

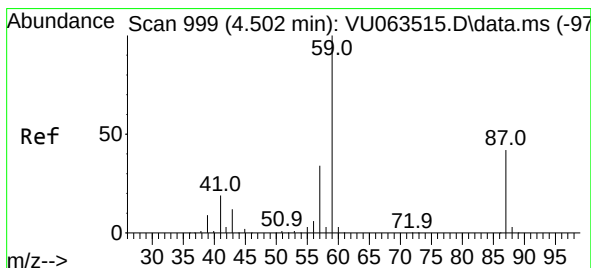
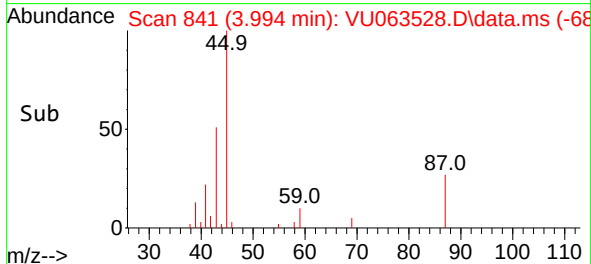
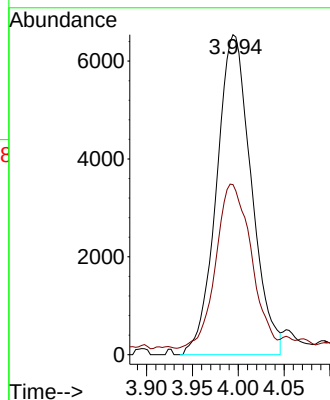
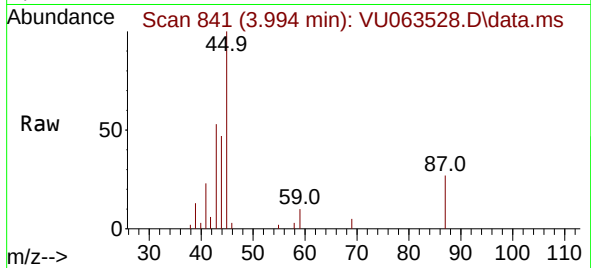




#31
Isopropyl Ether
Concen: 0.982 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

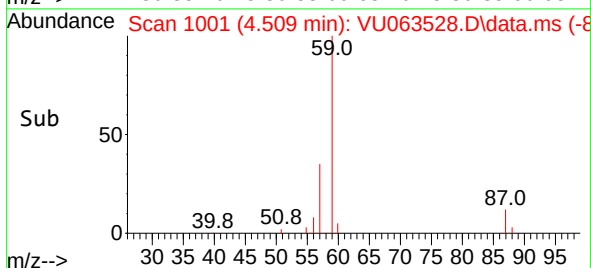
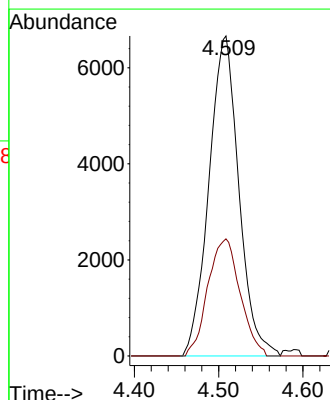
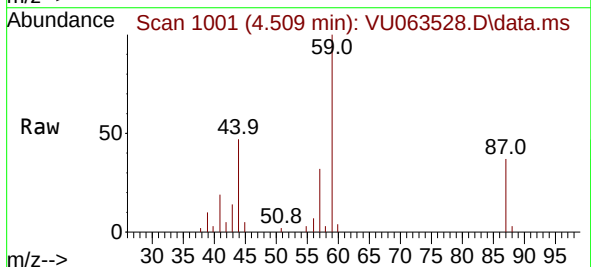
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

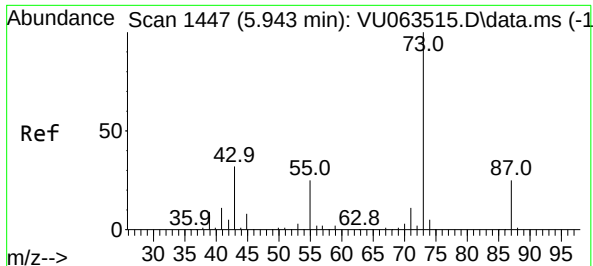
Tgt Ion: 45 Resp: 17255
Ion Ratio Lower Upper
45 100
43 52.1 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 1.011 ug/l
RT: 4.509 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 59 Resp: 16439
Ion Ratio Lower Upper
59 100
87 39.4 32.6 49.0

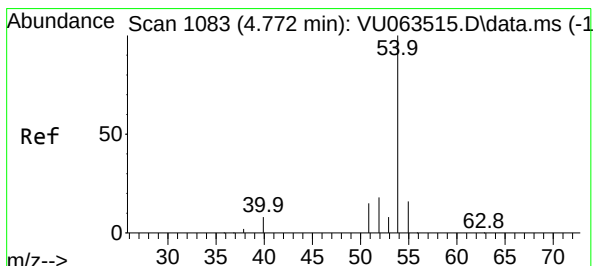
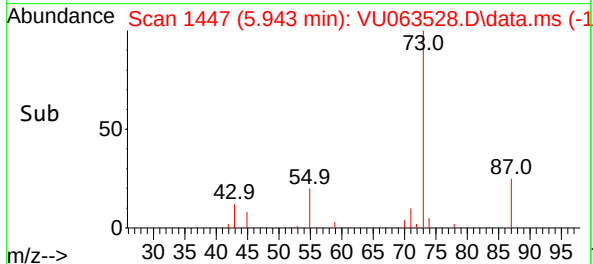
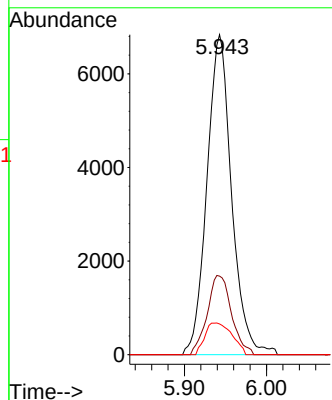
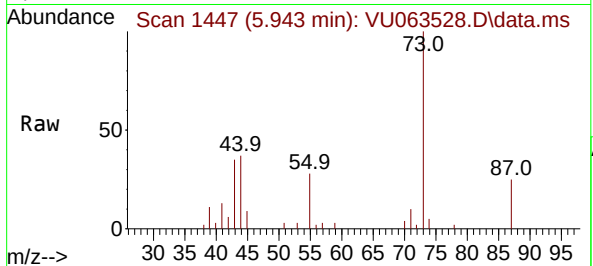




#33
Tert-Amyl methyl ether
Concen: 1.011 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

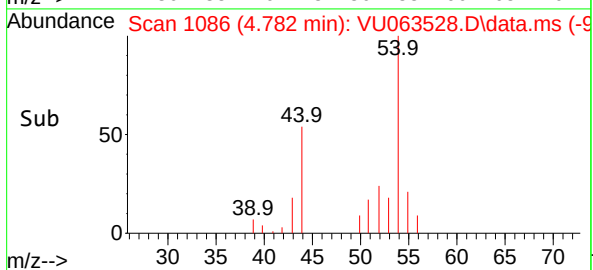
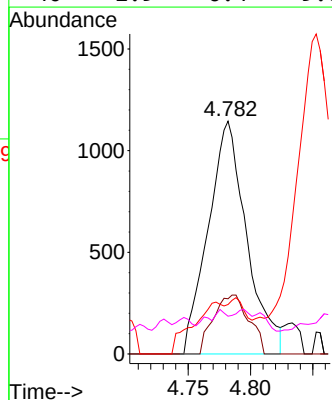
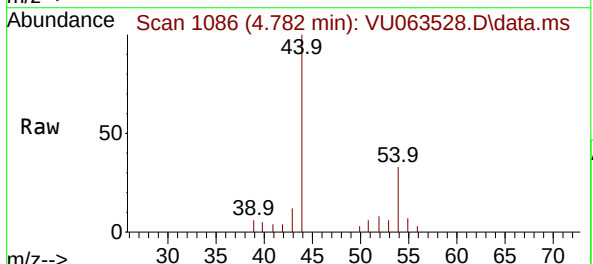
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

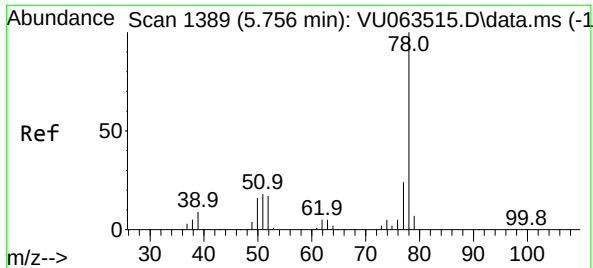
Tgt Ion: 73 Resp: 14276
Ion Ratio Lower Upper
73 100
87 24.4 19.4 29.2
71 10.9 8.9 13.3



#34
Propionitrile
Concen: 4.705 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. 0.010 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 54 Resp: 2461
Ion Ratio Lower Upper
54 100
52 23.3 17.0 25.4
55 18.0 13.6 20.4
40 2.9 6.4 9.6#

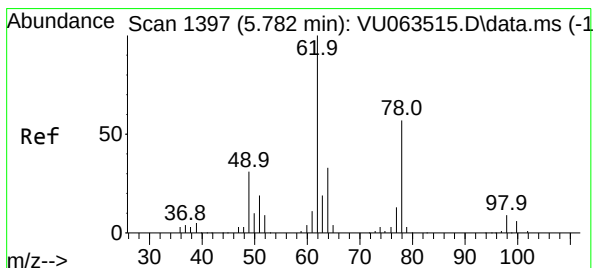
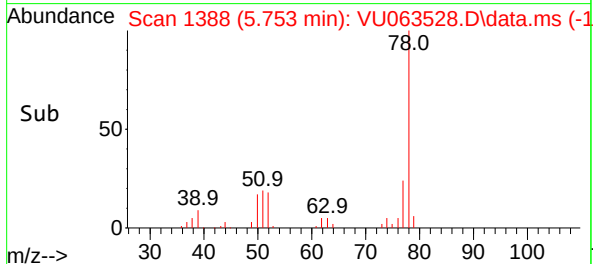
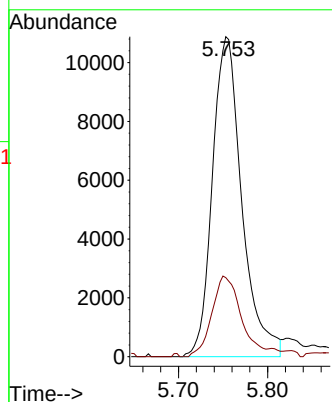
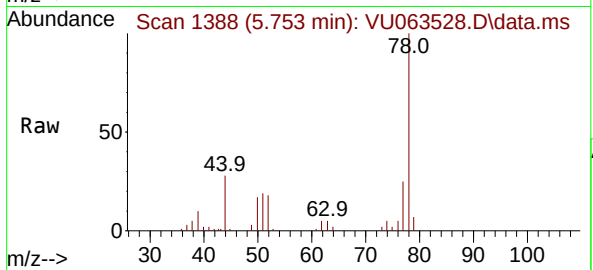




#35
Benzene
Concen: 0.994 ug/l
RT: 5.753 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

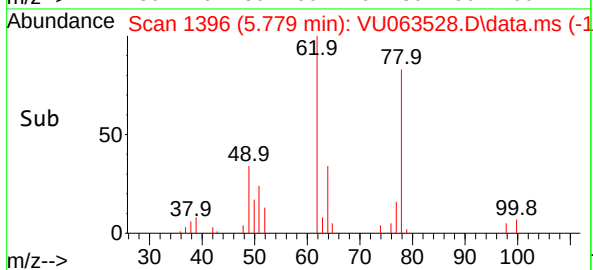
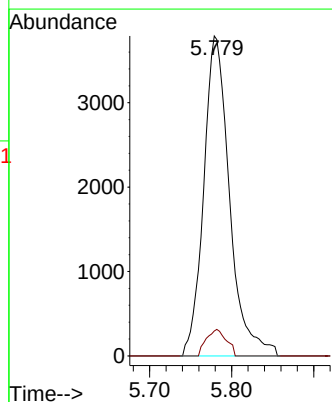
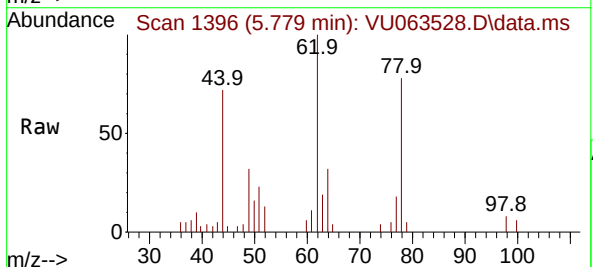
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

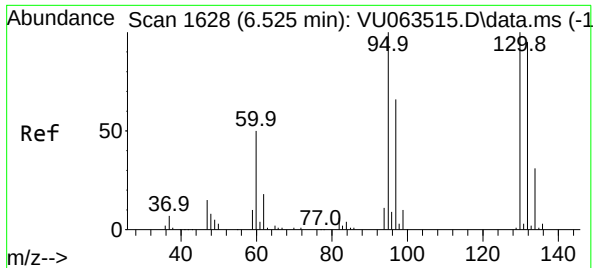
Tgt Ion: 78 Resp: 24952
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.2



#36
1,2-Dichloroethane
Concen: 1.065 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 62 Resp: 8309
Ion Ratio Lower Upper
62 100
98 6.4 6.4 9.6

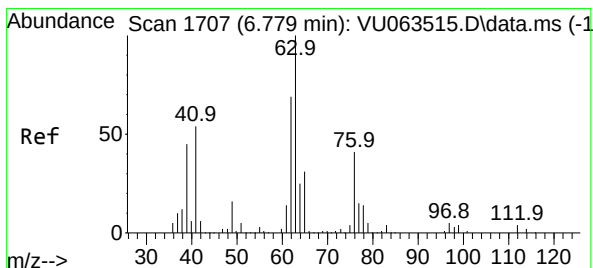
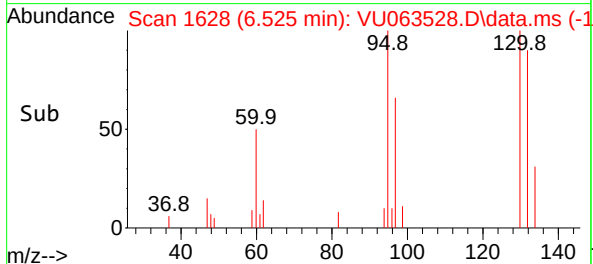
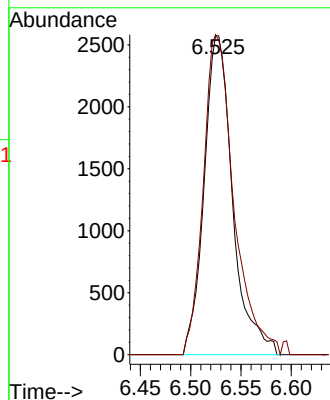
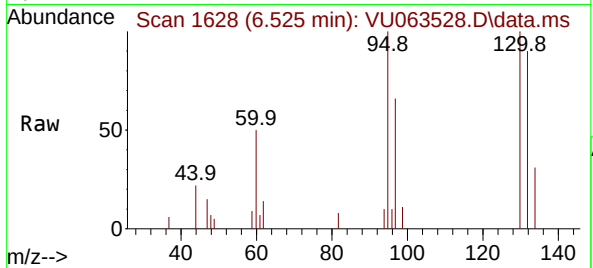




#37
Trichloroethene
Concen: 0.792 ug/l
RT: 6.525 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

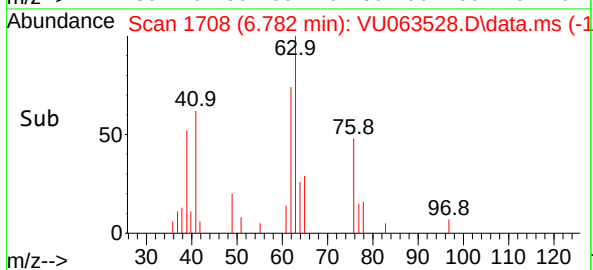
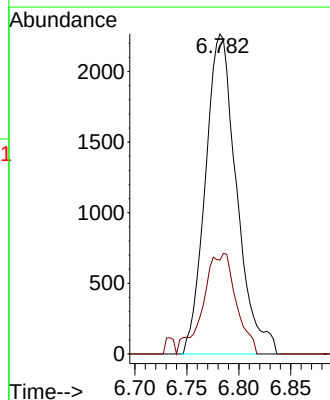
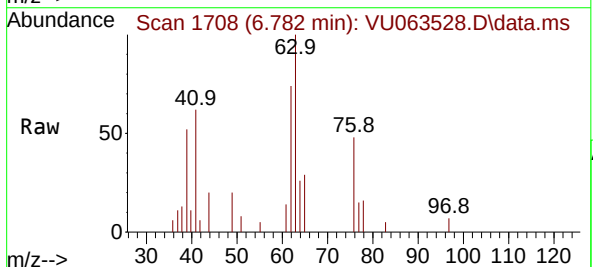
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

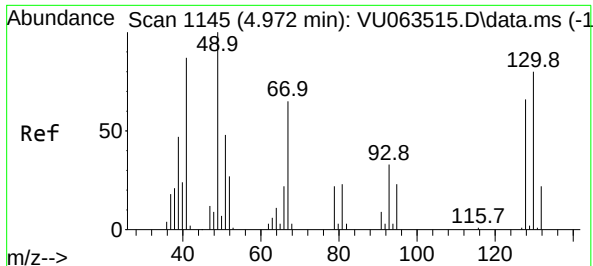
Tgt Ion:130 Resp: 5075
Ion Ratio Lower Upper
130 100
95 100.2 80.3 120.5



#38
1,2-Dichloropropane
Concen: 0.806 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 63 Resp: 4733
Ion Ratio Lower Upper
63 100
65 29.3 24.6 36.8





#39

Methacrylonitrile

Concen: 0.831 ug/l

RT: 4.975 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 41 Resp: 1933

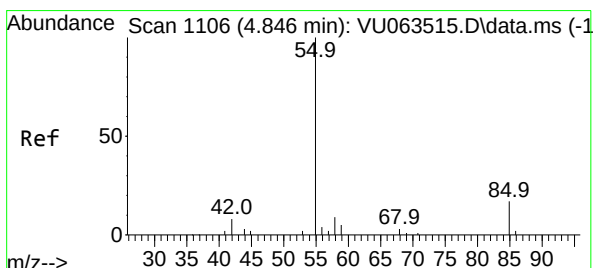
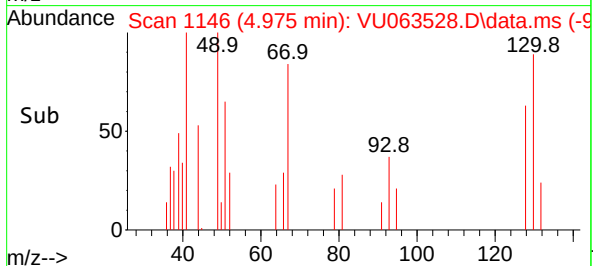
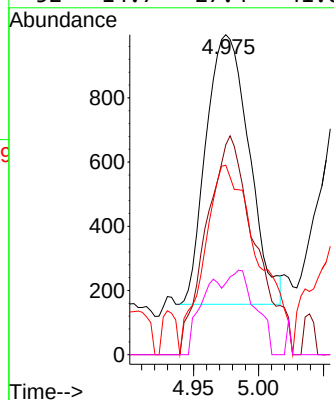
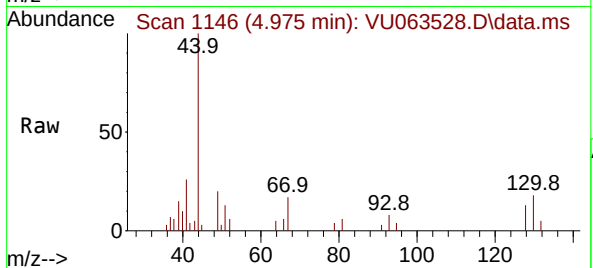
Ion Ratio Lower Upper

41 100

67 91.8 62.7 94.1

39 86.9 43.1 64.7#

52 14.7 27.4 41.0#



#40

Methyl acrylate

Concen: 0.833 ug/l

RT: 4.853 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Tgt Ion: 55 Resp: 2832

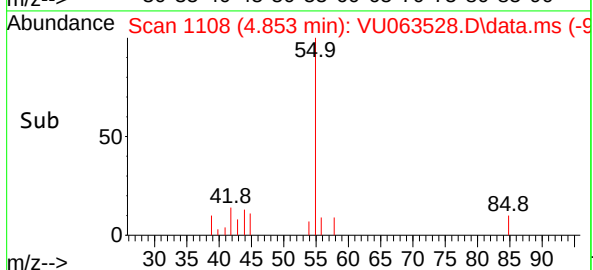
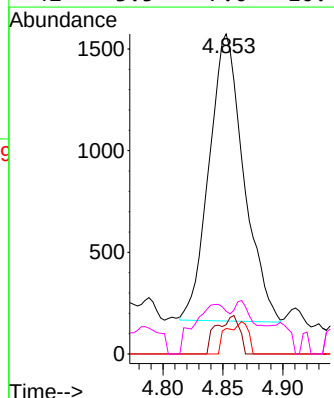
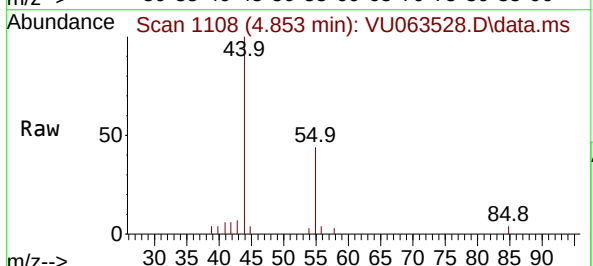
Ion Ratio Lower Upper

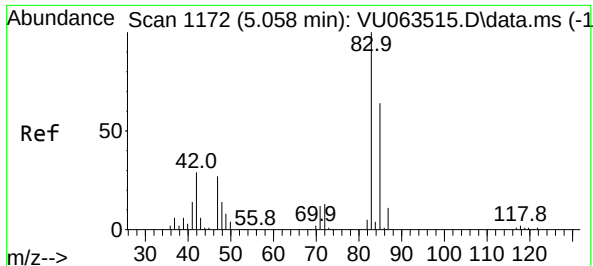
55 100

85 8.8 12.8 19.2#

58 7.0 7.0 10.4

42 3.5 7.0 10.4#





#41

Tetrahydrofuran

Concen: 2.288 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

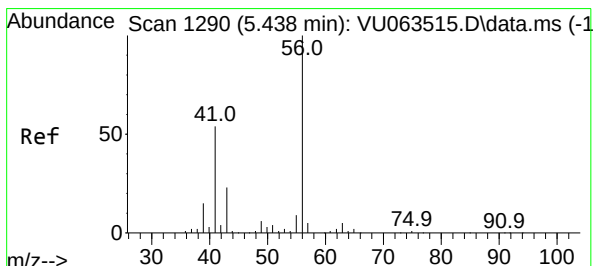
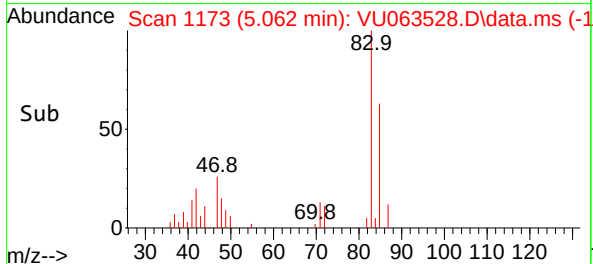
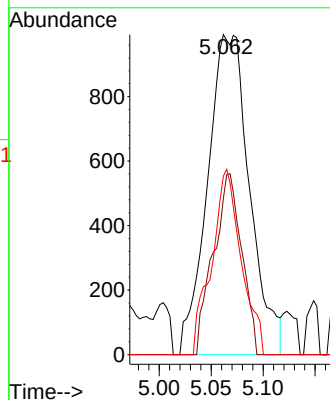
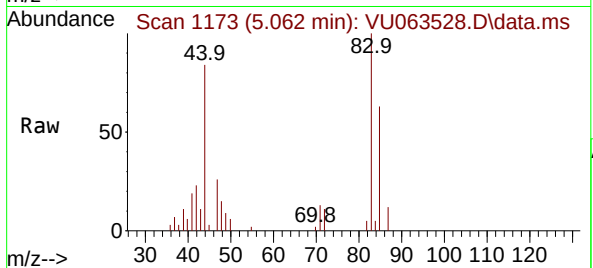
Tgt Ion: 42 Resp: 2799

Ion Ratio Lower Upper

42 100

72 38.0 39.2 58.8#

71 40.7 34.8 52.2



#42

1-Chlorobutane

Concen: 0.916 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VU063528.D

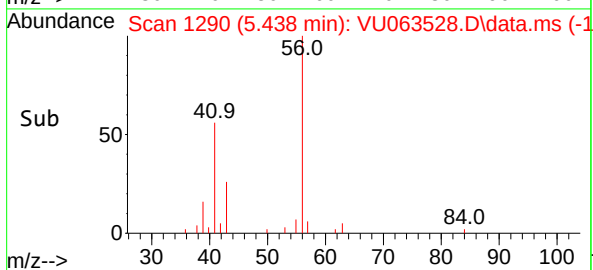
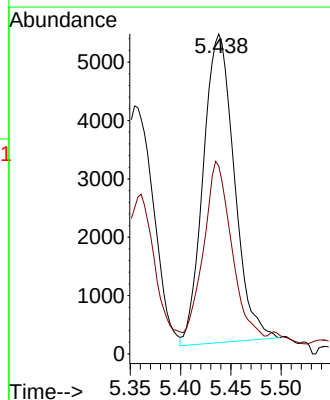
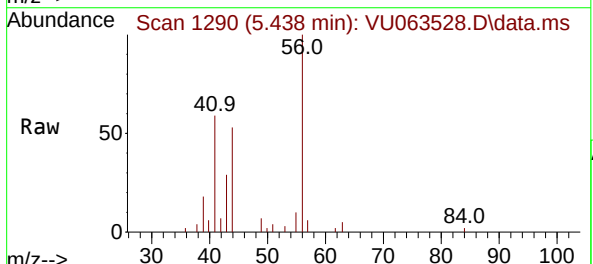
Acq: 17 Jul 2025 16:49

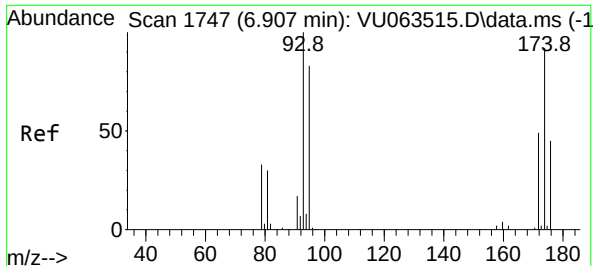
Tgt Ion: 56 Resp: 11380

Ion Ratio Lower Upper

56 100

41 55.5 26.7 80.0

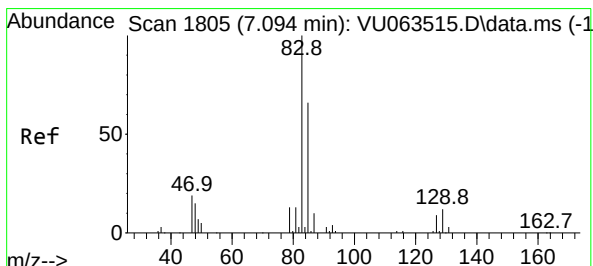
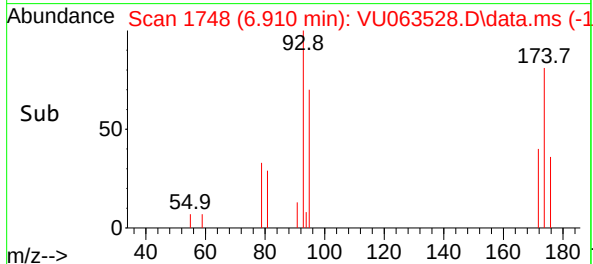
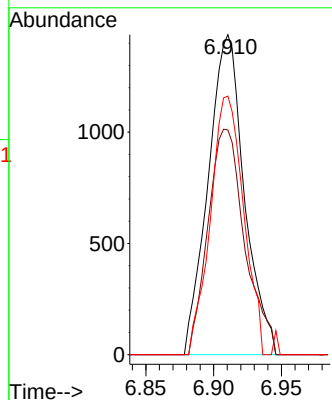
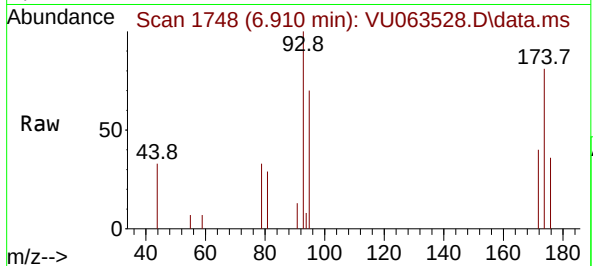




#43
Dibromomethane
Concen: 0.878 ug/l
RT: 6.910 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

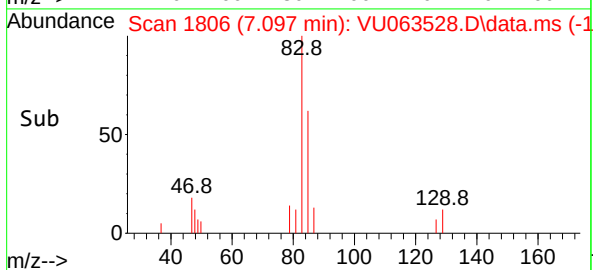
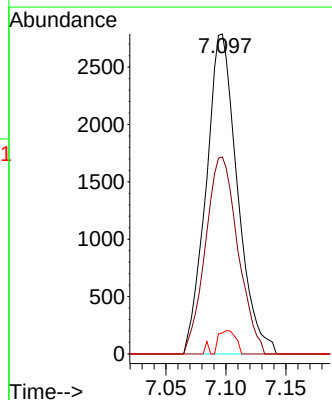
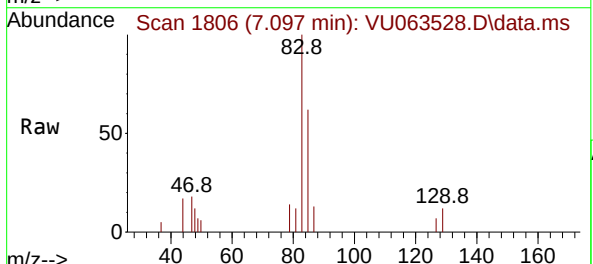
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

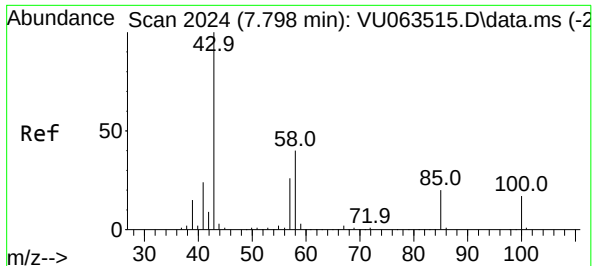
Tgt Ion: 93 Resp: 2672
Ion Ratio Lower Upper
93 100
95 71.7 67.9 101.9
174 73.9 74.6 111.8#



#44
Bromodichloromethane
Concen: 0.737 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 83 Resp: 5061
Ion Ratio Lower Upper
83 100
85 61.6 52.7 79.1
127 6.6 8.1 12.1#





#45

4-Methyl-2-Pentanone

Concen: 4.259 ug/l

RT: 7.801 min Scan# 2024

Delta R.T. 0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

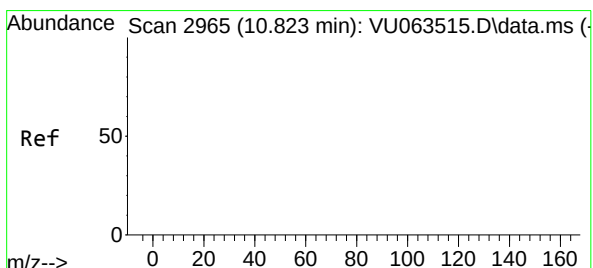
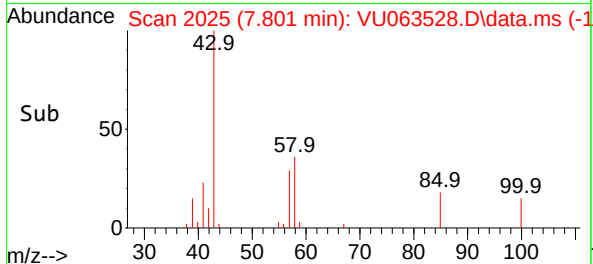
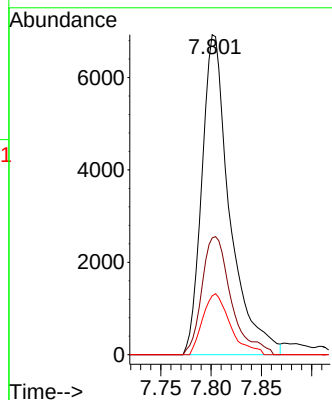
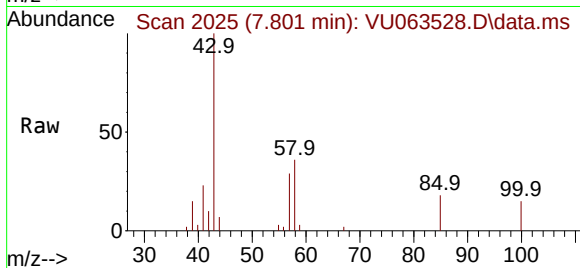
Tgt Ion: 43 Resp: 13359

Ion Ratio Lower Upper

43 100

58 38.7 20.0 60.0

85 18.8 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 4.010 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.006 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Tgt Ion: 75 Resp: 4722

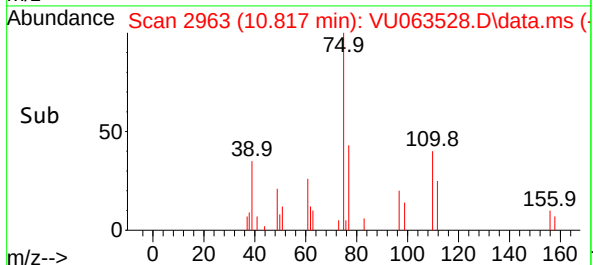
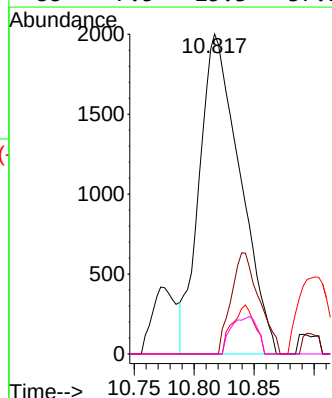
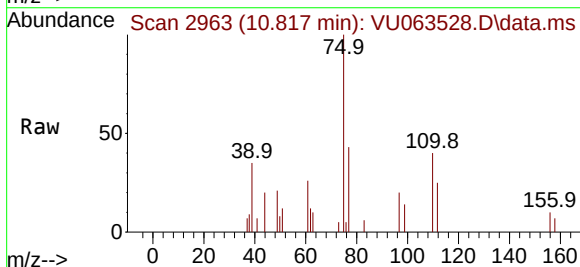
Ion Ratio Lower Upper

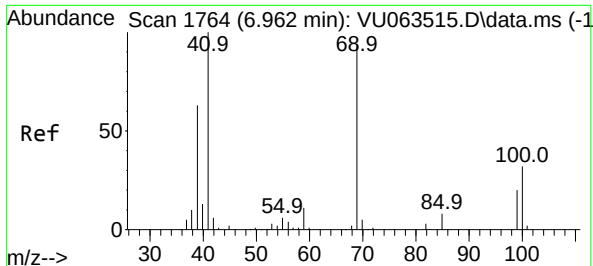
75 100

53 21.7 48.4 72.6#

89 8.5 30.6 45.8#

88 7.5 25.3 37.9#





#47

Methyl methacrylate

Concen: 1.595 ug/l

RT: 6.968 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 69 Resp: 4076

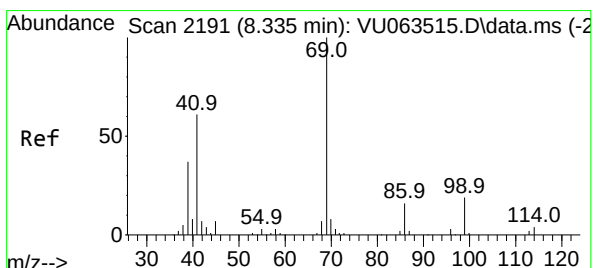
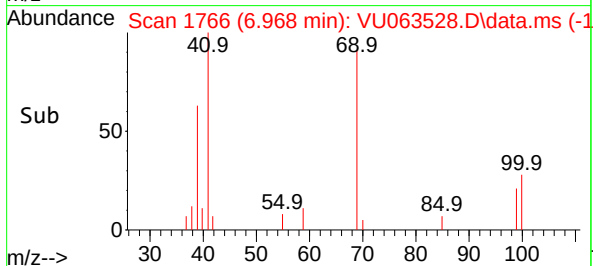
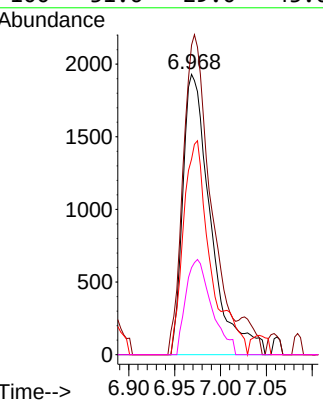
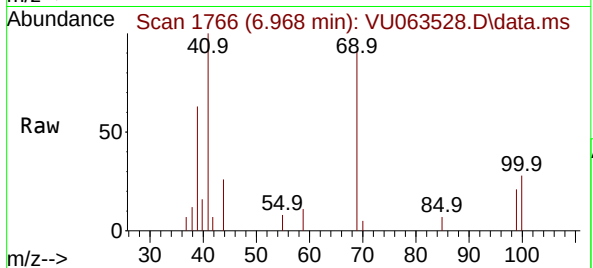
Ion Ratio Lower Upper

69 100

41 111.9 0.0 224.0

39 73.8 55.3 82.9

100 31.6 29.0 43.6



#48

Ethyl methacrylate

Concen: 0.825 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.003 min

Lab File: VU063528.D

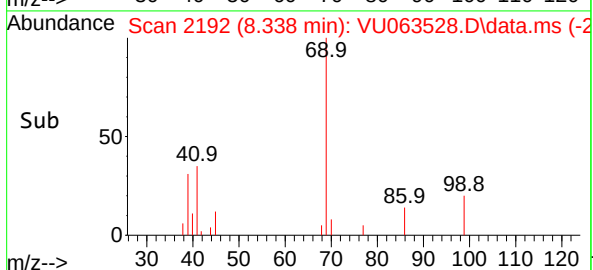
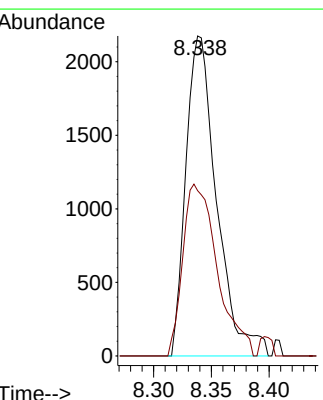
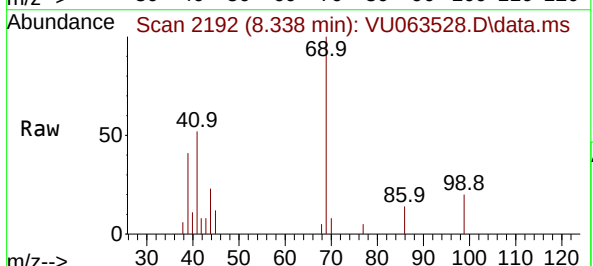
Acq: 17 Jul 2025 16:49

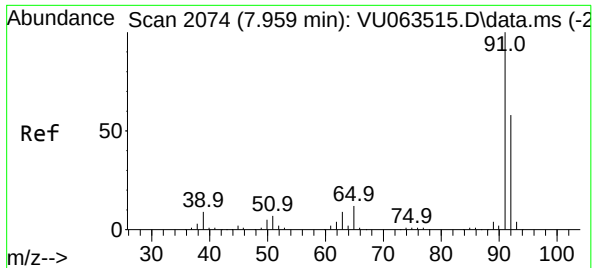
Tgt Ion: 69 Resp: 4025

Ion Ratio Lower Upper

69 100

41 60.3 30.8 92.4





#49

Toluene

Concen: 0.827 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

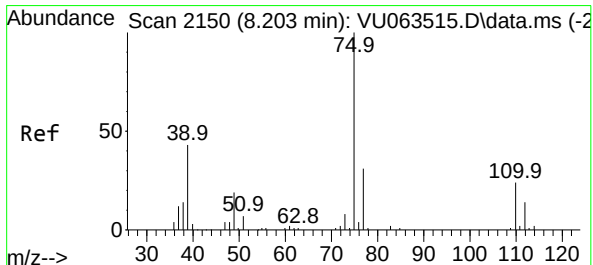
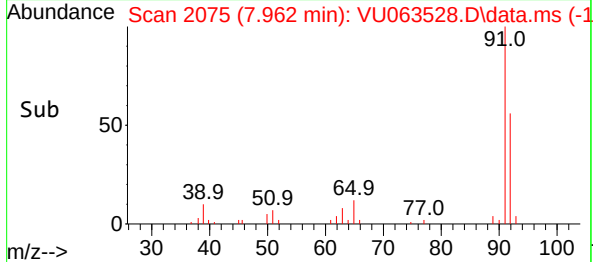
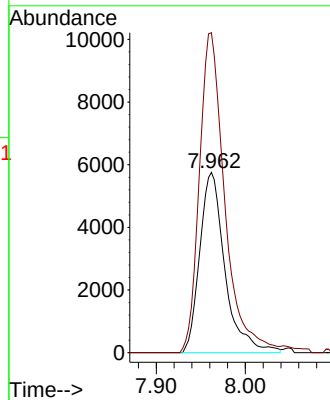
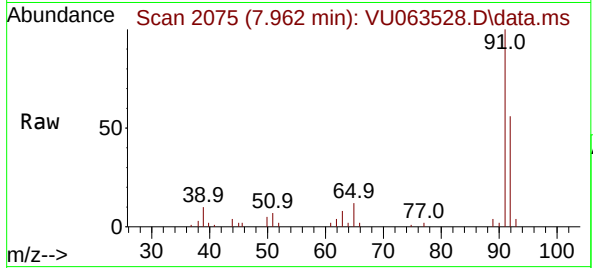
RL-CHECK

Tgt Ion: 92 Resp: 11337

Ion Ratio Lower Upper

92 100

91 178.6 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 0.653 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.007 min

Lab File: VU063528.D

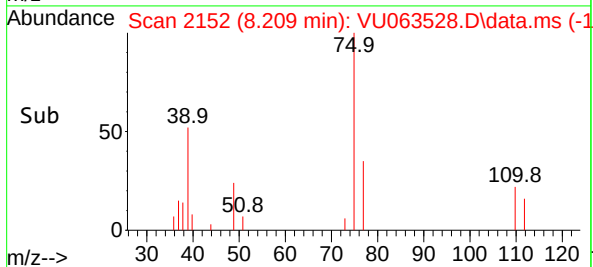
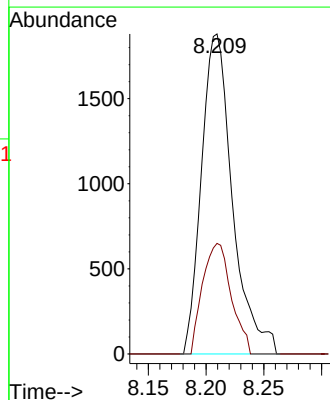
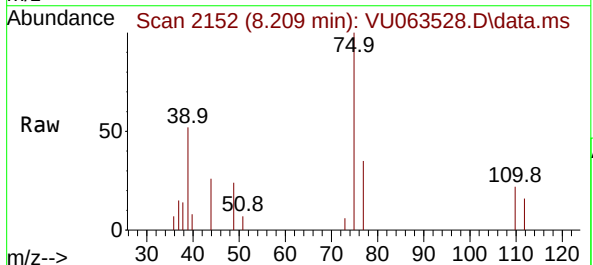
Acq: 17 Jul 2025 16:49

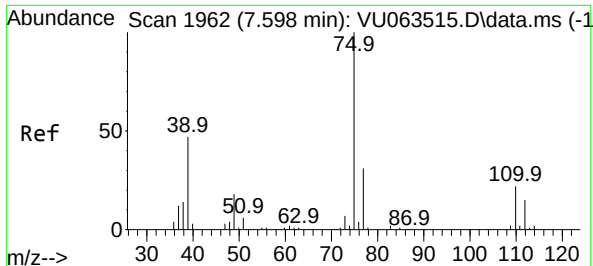
Tgt Ion: 75 Resp: 3515

Ion Ratio Lower Upper

75 100

77 34.6 24.9 37.3

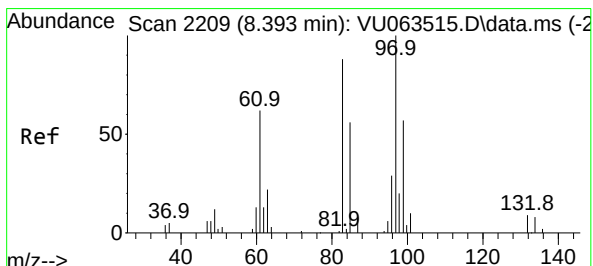
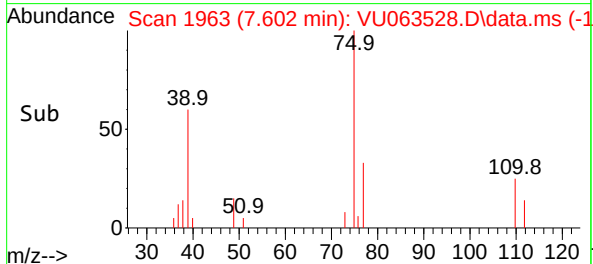
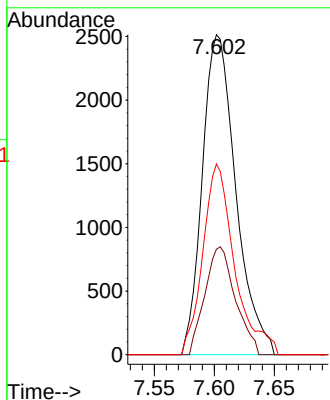
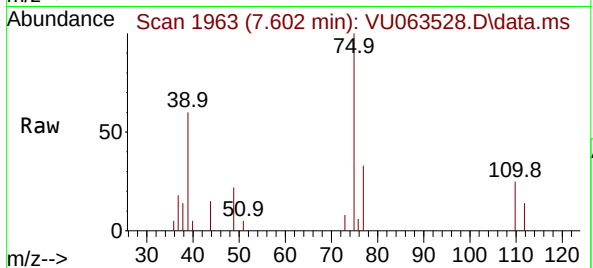




#51
 cis-1,3-Dichloropropene
 Concen: 0.676 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

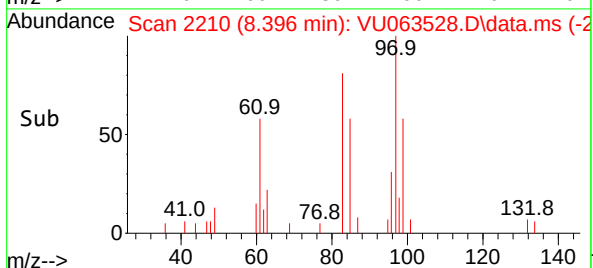
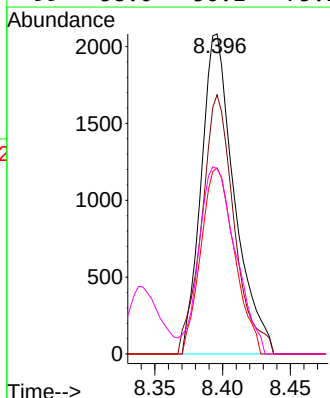
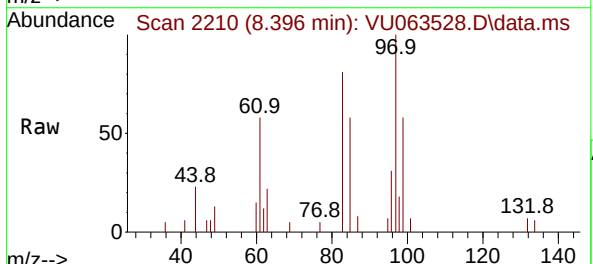
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

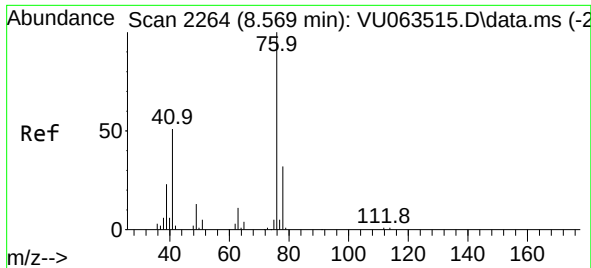
Tgt Ion: 75 Resp: 4886
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.1 37.7
 39 59.6 37.8 56.6#



#52
 1,1,2-Trichloroethane
 Concen: 0.864 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

Tgt Ion: 97 Resp: 3542
 Ion Ratio Lower Upper
 97 100
 83 81.0 70.2 105.2
 85 58.2 45.2 67.8
 99 58.0 50.1 75.1

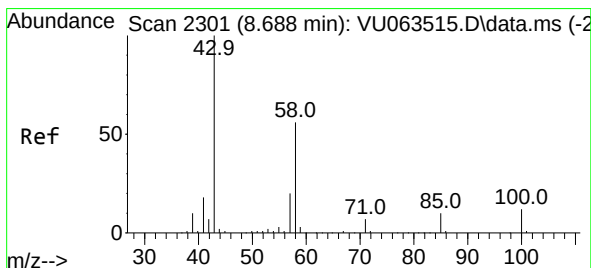
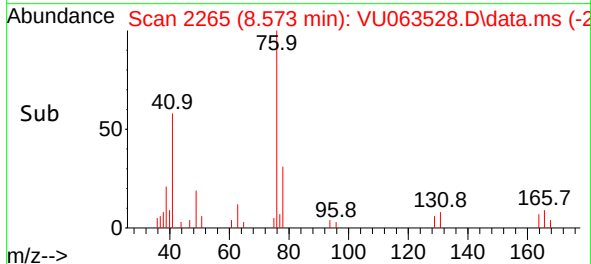
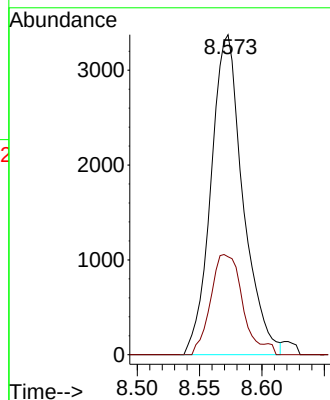
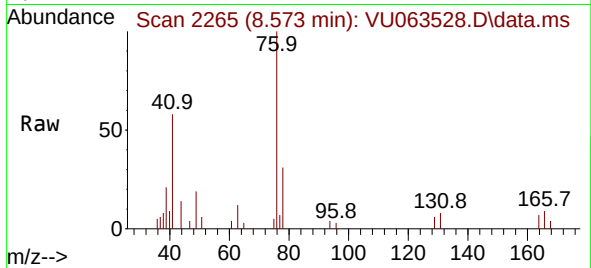




#53
1,3-Dichloropropane
Concen: 0.853 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

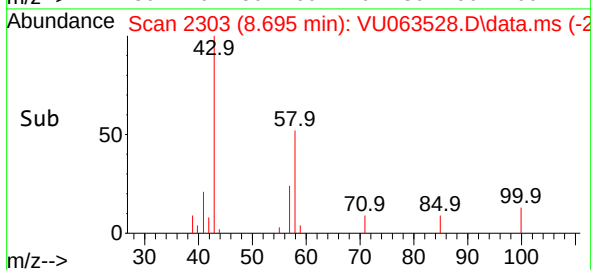
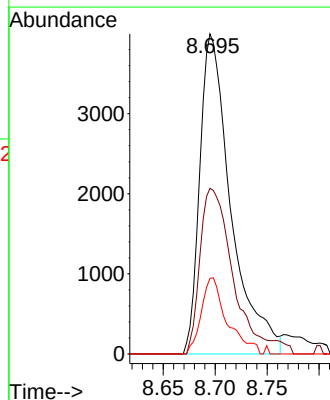
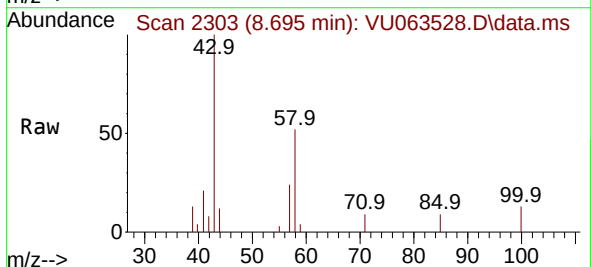
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

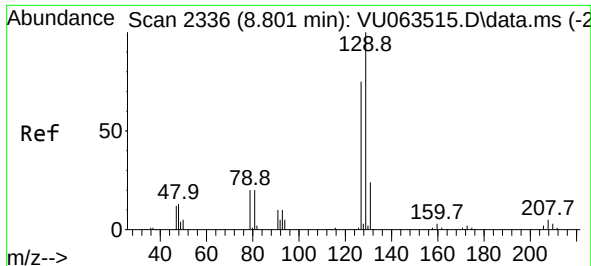
Tgt Ion: 76 Resp: 6036
Ion Ratio Lower Upper
76 100
78 31.4 26.0 39.0



#54
2-Hexanone
Concen: 3.991 ug/l
RT: 8.695 min Scan# 2303
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 43 Resp: 8315
Ion Ratio Lower Upper
43 100
58 55.6 34.8 74.8
57 19.7 0.0 39.5

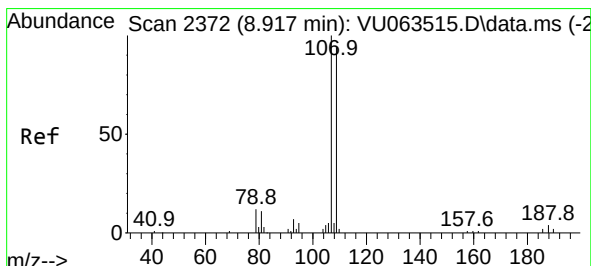
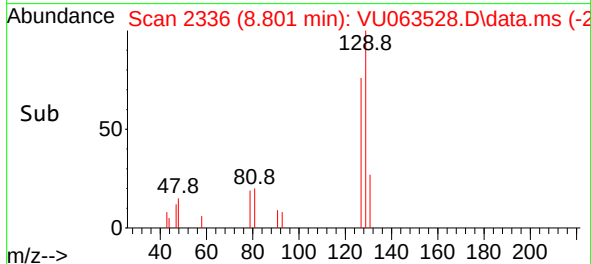
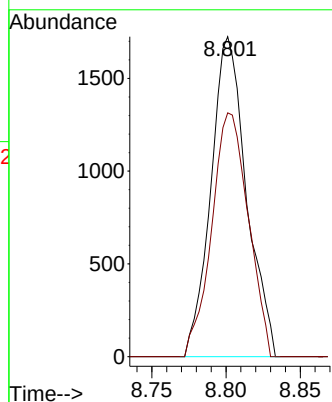
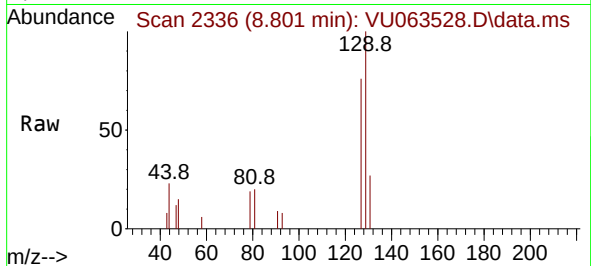




#55
 Dibromochloromethane
 Concen: 0.663 ug/l
 RT: 8.801 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

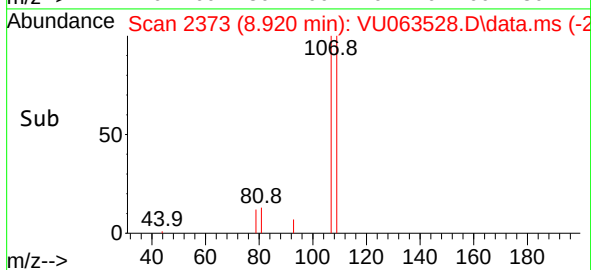
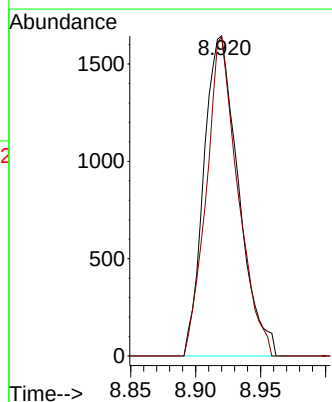
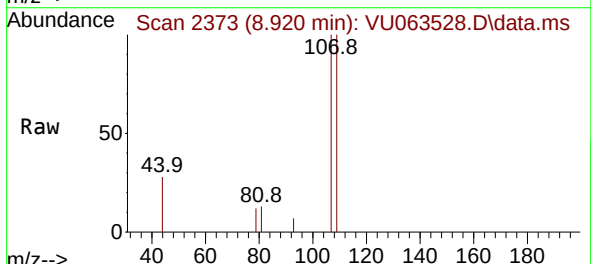
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

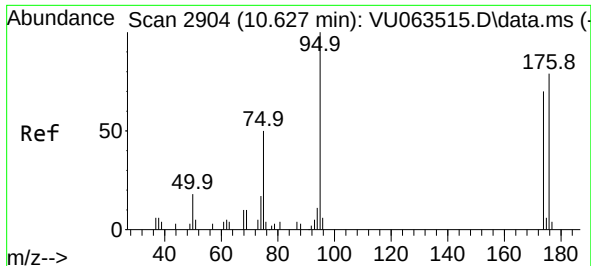
Tgt Ion:129 Resp: 2873
 Ion Ratio Lower Upper
 129 100
 127 78.2 60.1 90.1



#56
 1,2-Dibromoethane
 Concen: 0.829 ug/l
 RT: 8.920 min Scan# 2373
 Delta R.T. 0.003 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

Tgt Ion:107 Resp: 3039
 Ion Ratio Lower Upper
 107 100
 109 91.2 0.0 186.4

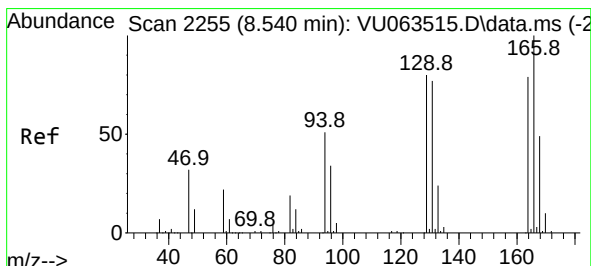
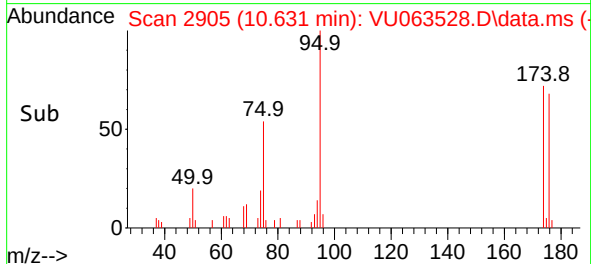
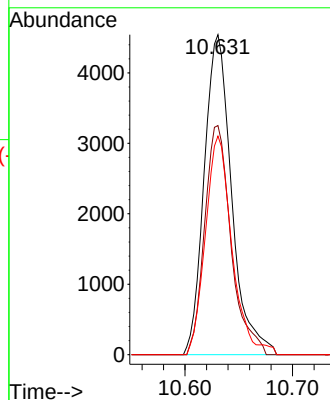
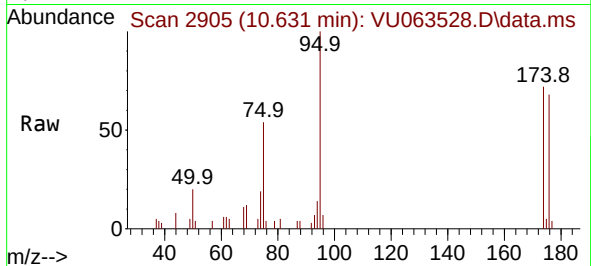




#57
4-Bromofluorobenzene
Concen: 0.998 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

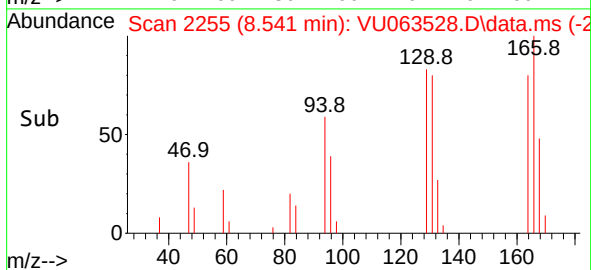
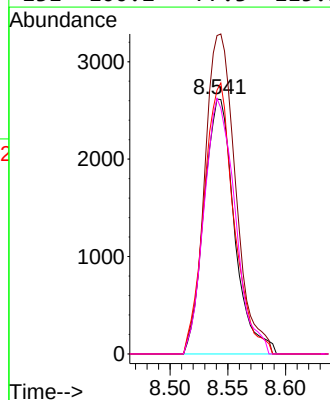
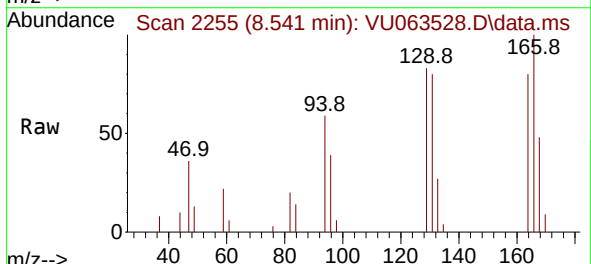
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

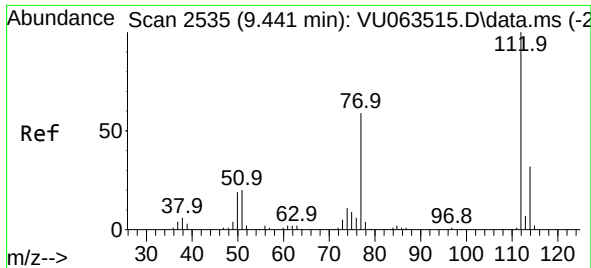
Tgt Ion: 95 Resp: 8050
Ion Ratio Lower Upper
95 100
174 68.9 59.8 89.8
176 66.1 61.8 92.8



#58
Tetrachloroethene
Concen: 0.816 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 164 Resp: 4783
Ion Ratio Lower Upper
164 100
166 124.9 100.7 151.1
129 103.5 80.6 120.8
131 100.2 77.3 115.9

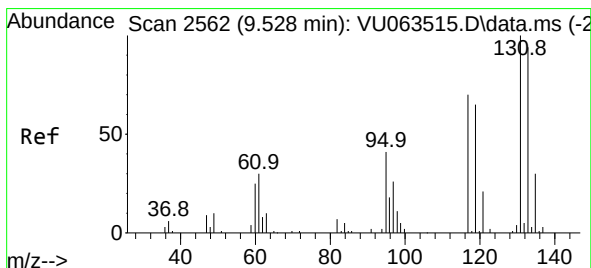
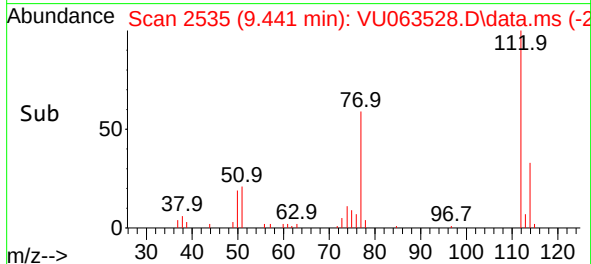
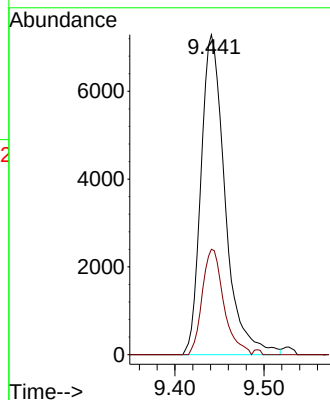
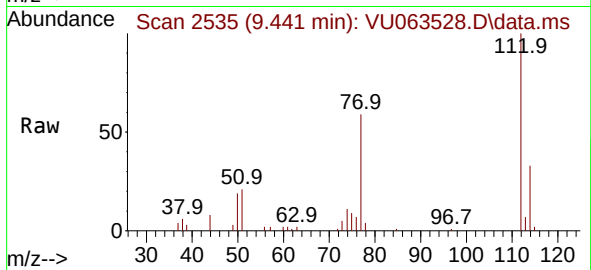




#59
Chlorobenzene
Concen: 0.869 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

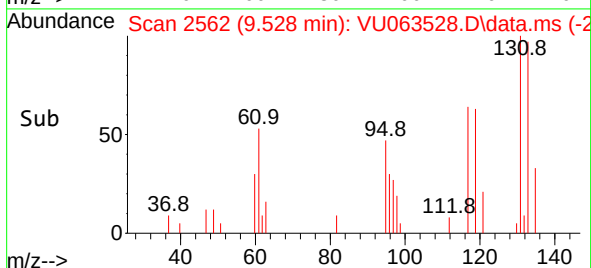
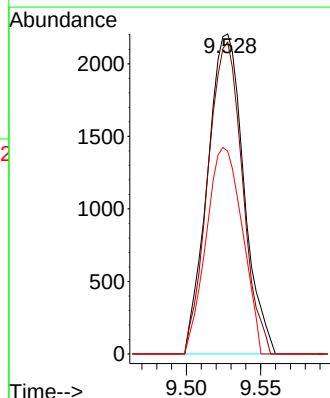
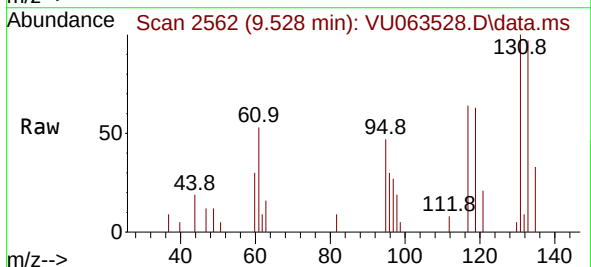
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

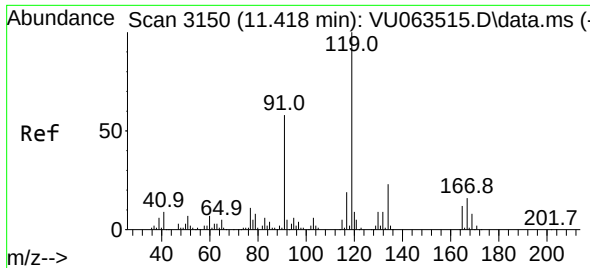
Tgt Ion:112 Resp: 13681
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 0.741 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion:131 Resp: 3749
Ion Ratio Lower Upper
131 100
133 92.7 74.7 112.1
119 64.1 53.0 79.4

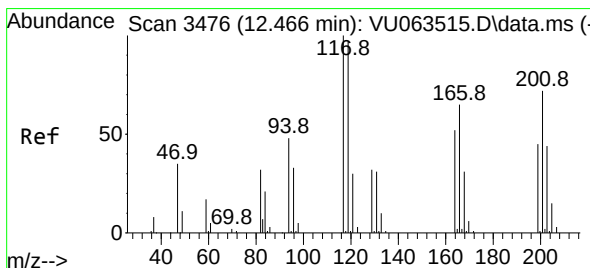
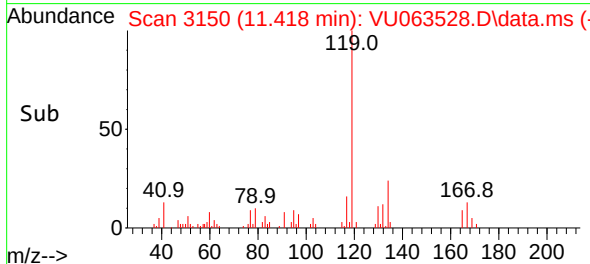
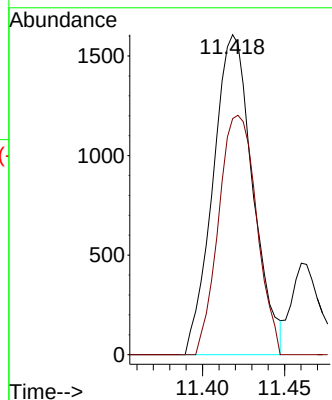
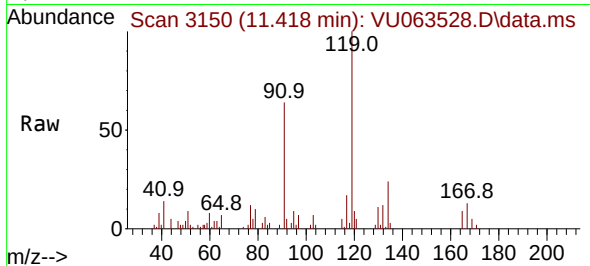




#61
 Pentachloroethane
 Concen: 0.757 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

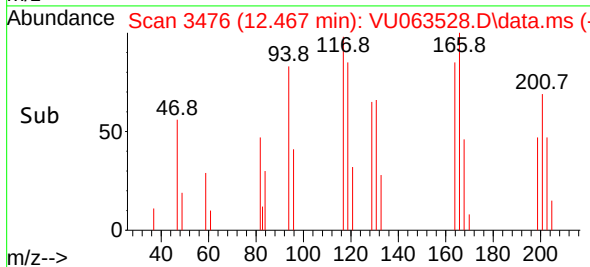
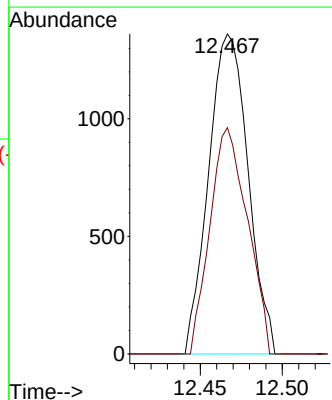
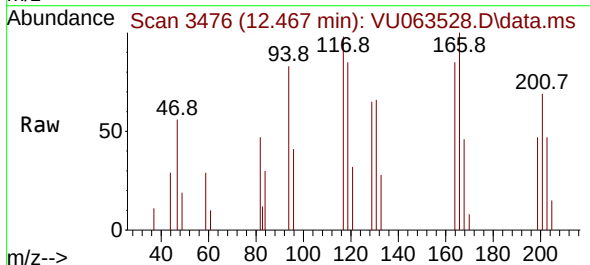
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

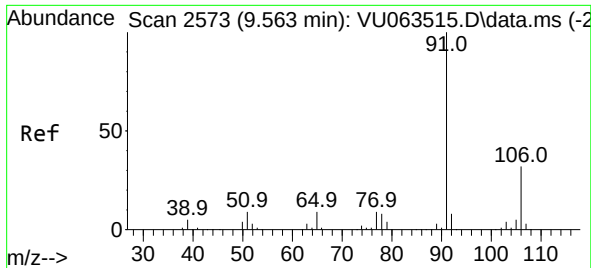
Tgt Ion:117 Resp: 2708
 Ion Ratio Lower Upper
 117 100
 167 71.3 65.0 97.6



#62
 Hexachloroethane
 Concen: 0.642 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

Tgt Ion:117 Resp: 2275
 Ion Ratio Lower Upper
 117 100
 201 67.2 57.4 86.0

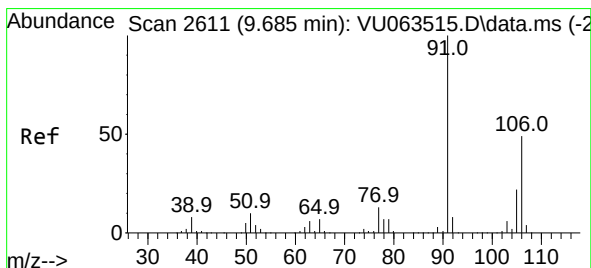
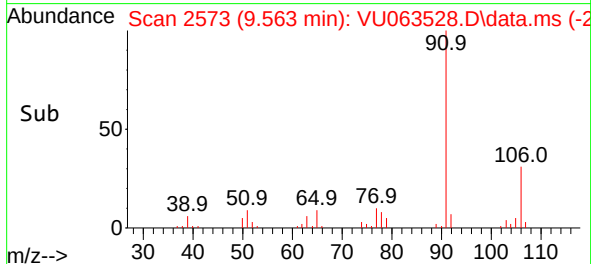
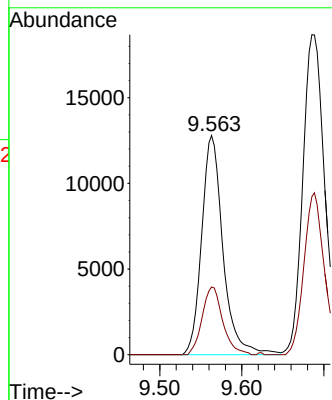
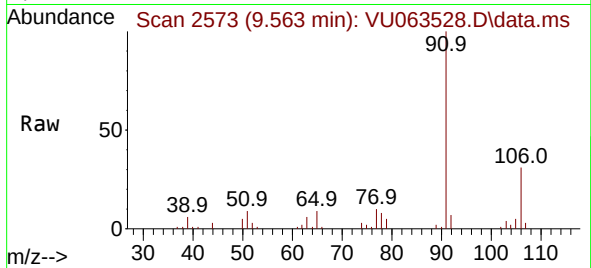




#63
Ethyl Benzene
Concen: 0.853 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

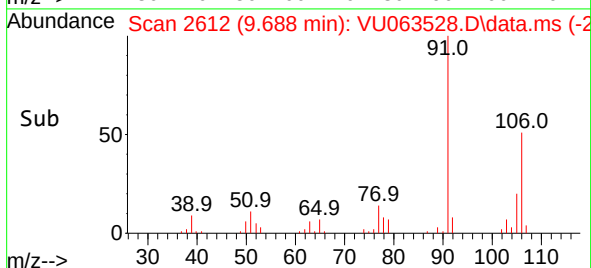
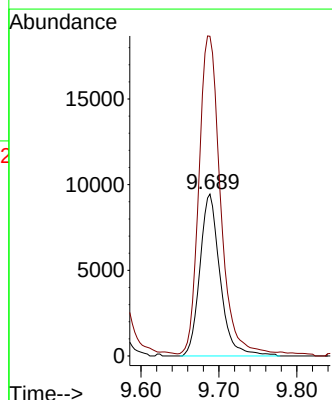
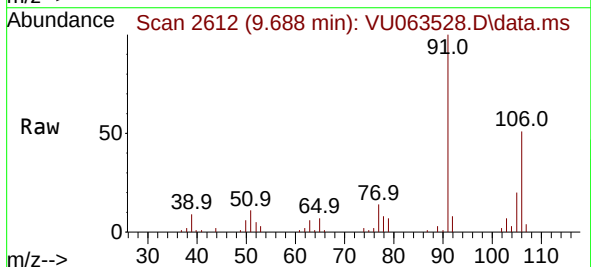
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

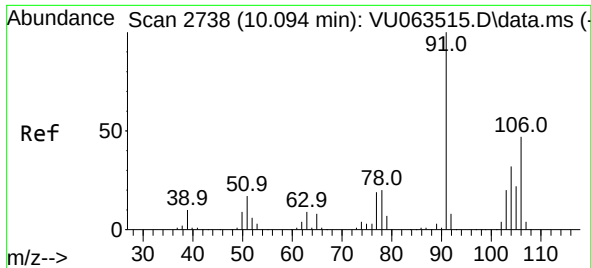
Tgt Ion: 91 Resp: 23112
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0



#64
m/p-Xylenes
Concen: 1.616 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion:106 Resp: 17011
Ion Ratio Lower Upper
106 100
91 207.6 163.6 245.4

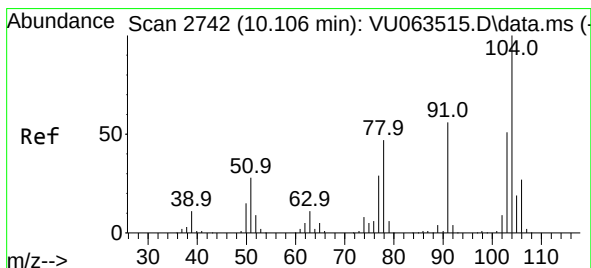
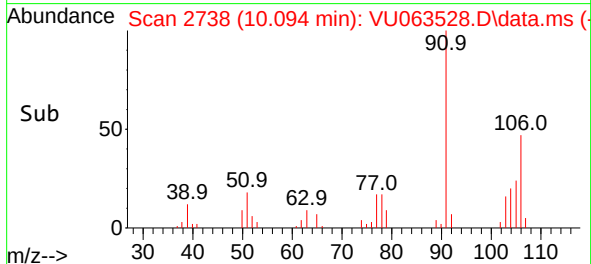
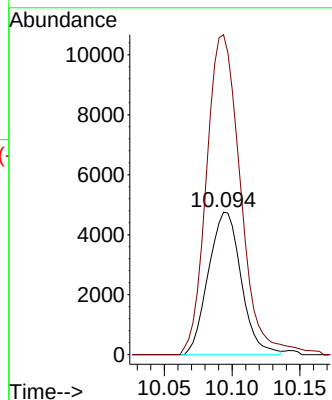
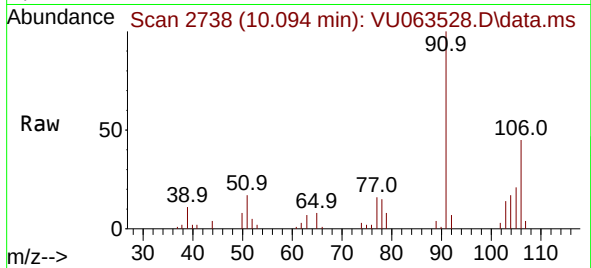




#65
o-Xylene
Concen: 0.791 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

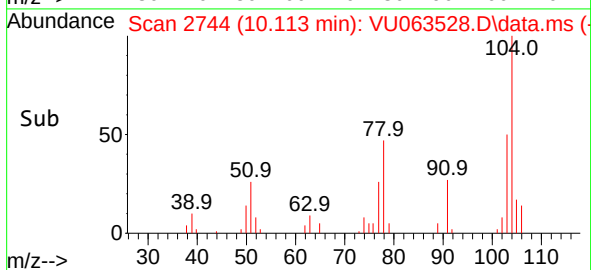
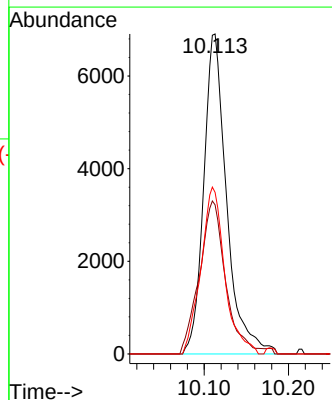
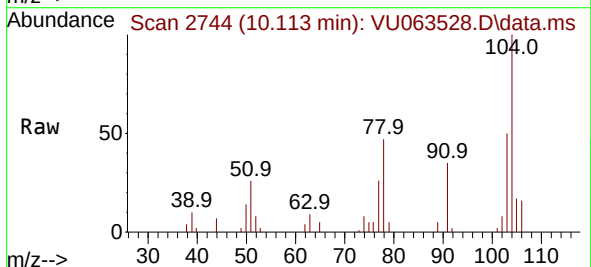
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

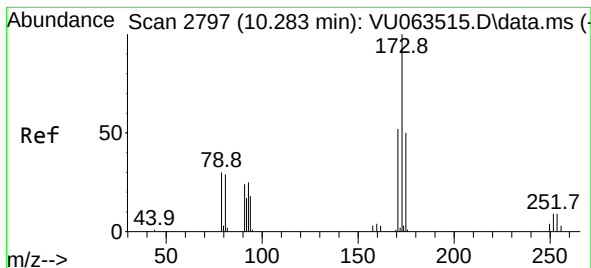
Tgt Ion:106 Resp: 8001
Ion Ratio Lower Upper
106 100
91 233.6 108.1 324.4



#66
Styrene
Concen: 0.813 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion:104 Resp: 13102
Ion Ratio Lower Upper
104 100
78 54.5 41.3 61.9
103 54.2 43.6 65.4





#67

Bromoform

Concen: 0.601 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

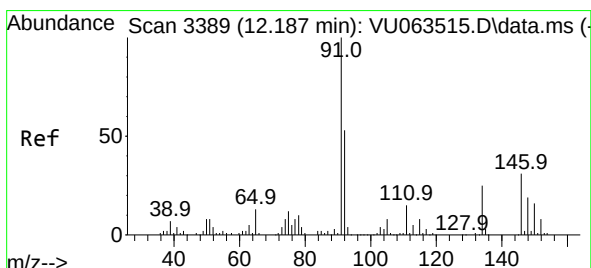
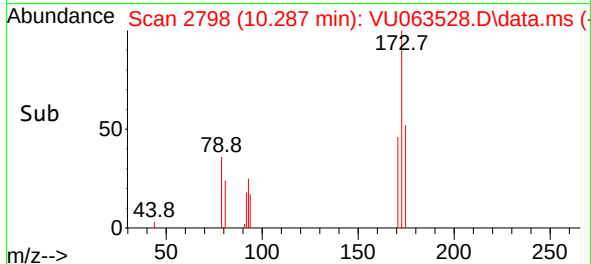
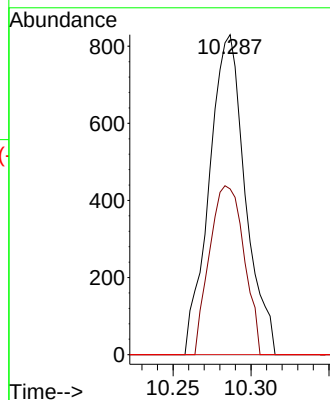
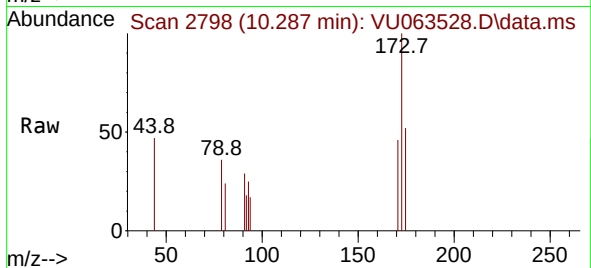
Tgt Ion:173 Resp: 1337

Ion Ratio Lower Upper

173 100

175 50.4 39.0 58.4

254 0.0 6.5 9.7#



#68

1,2-Dichlorobenzene-d4

Concen: 1.063 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.000 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

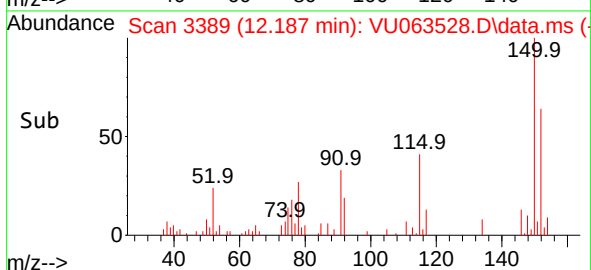
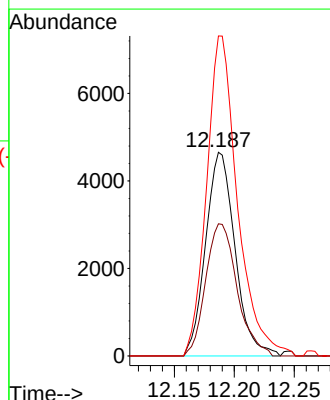
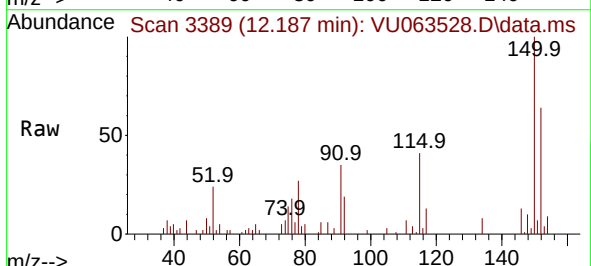
Tgt Ion:152 Resp: 7934

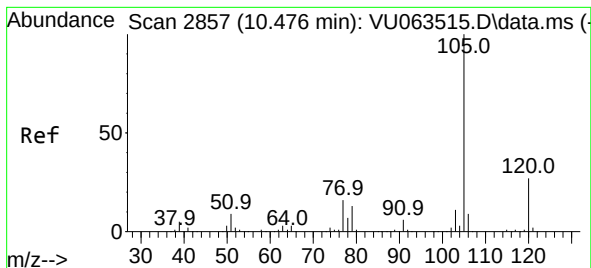
Ion Ratio Lower Upper

152 100

115 69.2 0.0 262.2

150 164.9 0.0 651.2





#69

Isopropylbenzene

Concen: 0.826 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

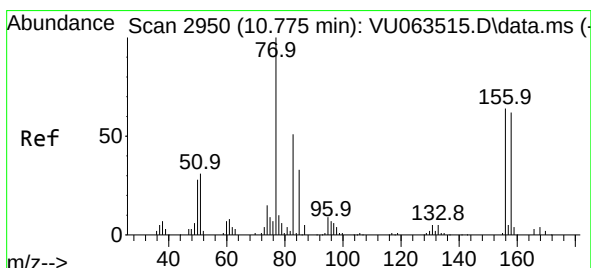
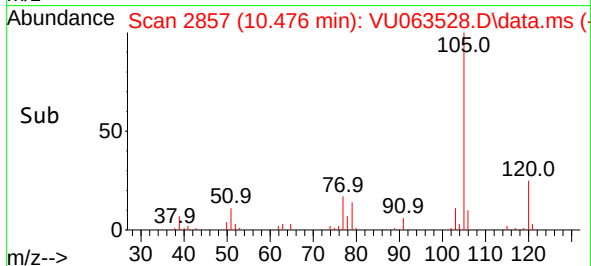
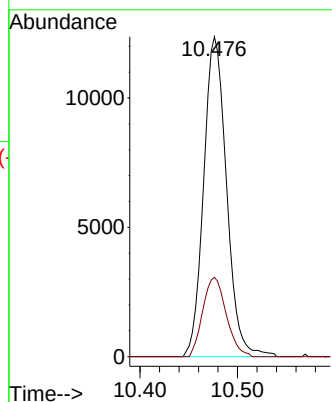
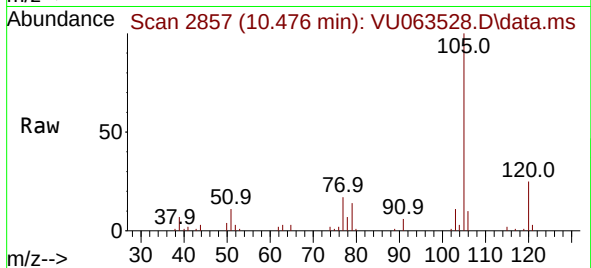
RL-CHECK

Tgt Ion:105 Resp: 20196

Ion Ratio Lower Upper

105 100

120 25.3 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 0.907 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

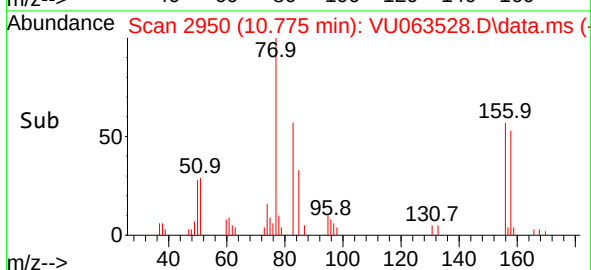
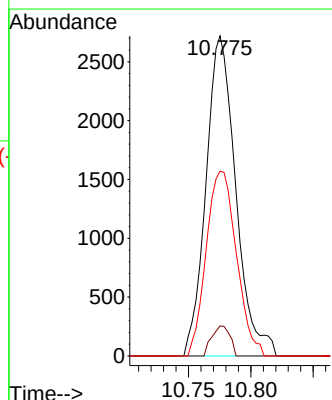
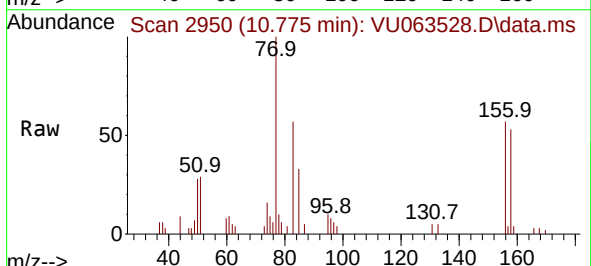
Tgt Ion: 83 Resp: 4524

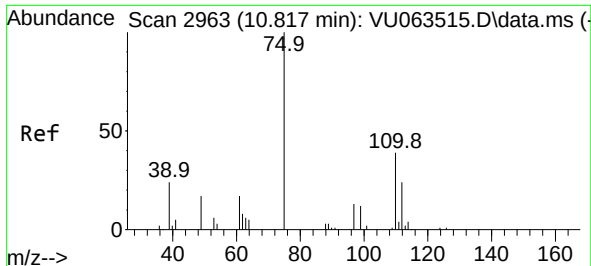
Ion Ratio Lower Upper

83 100

131 5.7 8.4 12.6#

85 58.5 51.9 77.9

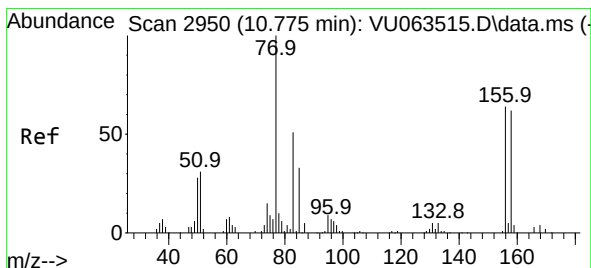
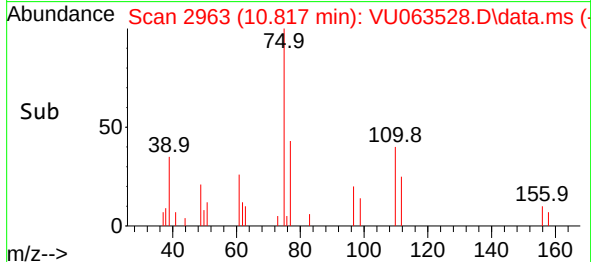
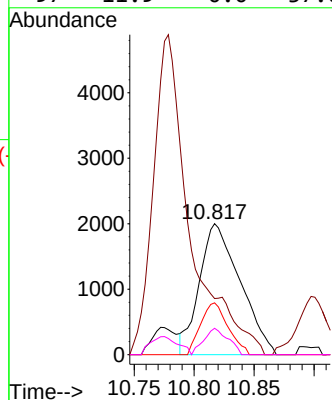
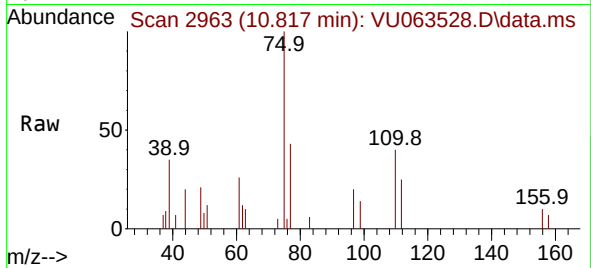




#71
1,2,3-Trichloropropane
Concen: 1.166 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

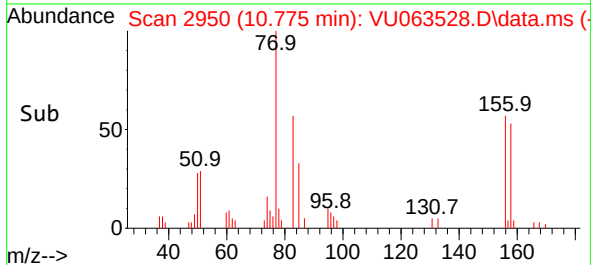
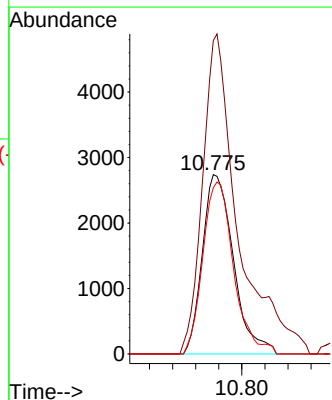
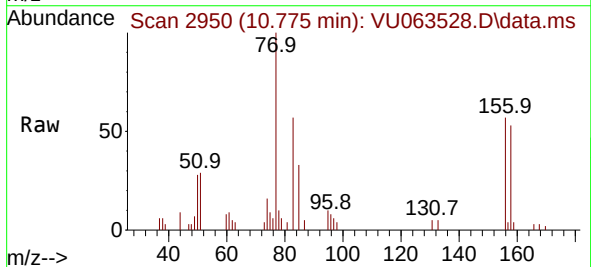
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

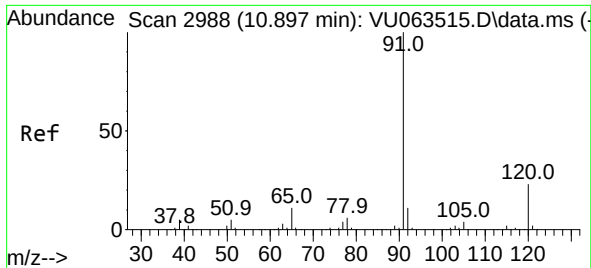
Tgt Ion: 75 Resp: 4722
Ion Ratio Lower Upper
75 100
77 33.8 0.0 0.0#
110 26.7 0.0 73.2
97 11.9 0.0 37.6



#72
Bromobenzene
Concen: 0.811 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 156 Resp: 5120
Ion Ratio Lower Upper
156 100
77 202.4 0.0 315.2
158 94.9 0.0 195.4

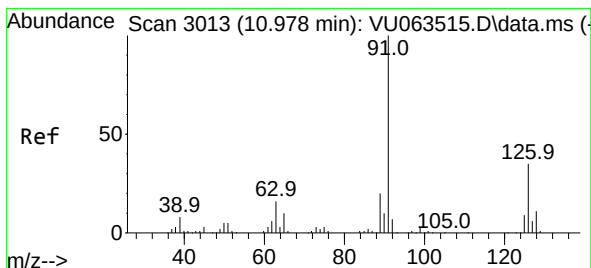
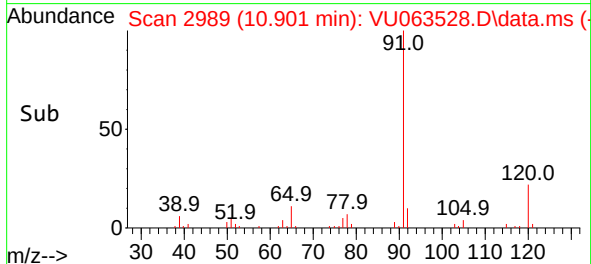
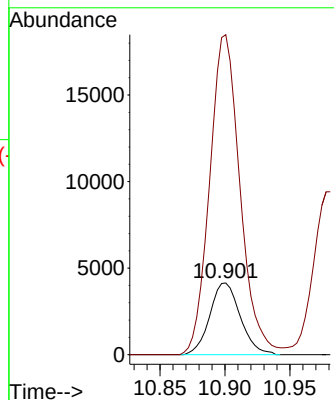
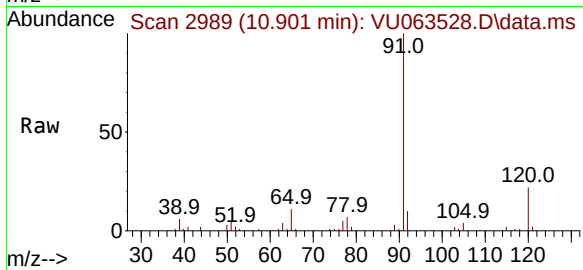




#73
n-propylbenzene
Concen: 0.920 ug/l
RT: 10.901 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

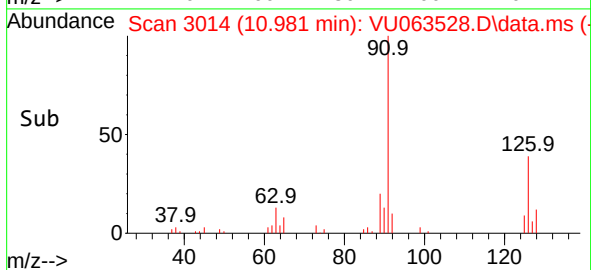
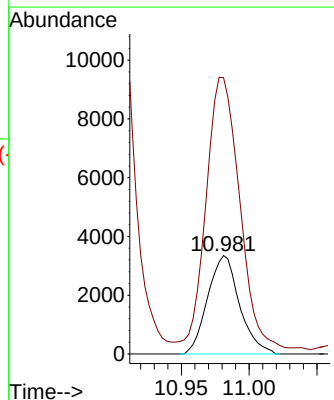
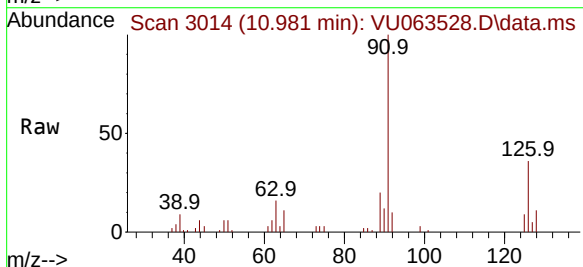
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

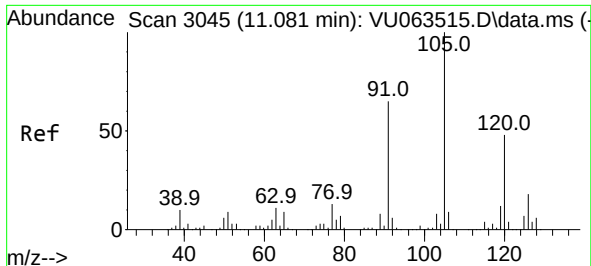
Tgt Ion:120 Resp: 6774
Ion Ratio Lower Upper
120 100
91 444.8 343.1 514.7



#74
2-Chlorotoluene
Concen: 0.840 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion:126 Resp: 5466
Ion Ratio Lower Upper
126 100
91 308.4 0.0 606.0

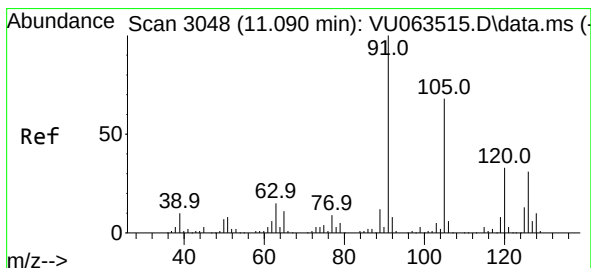
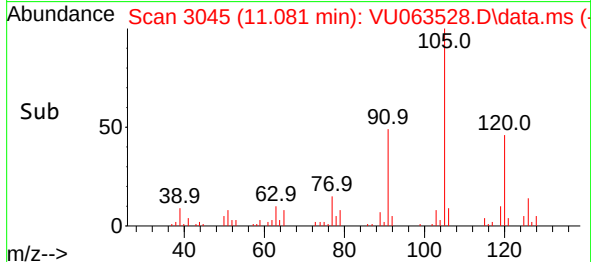
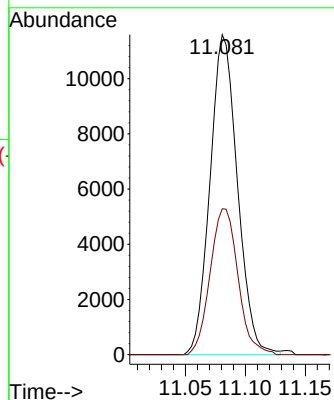
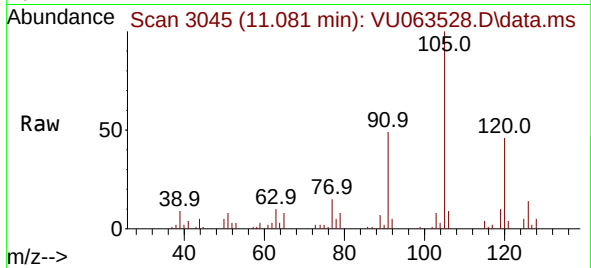




#75
1,3,5-Trimethylbenzene
Concen: 0.788 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

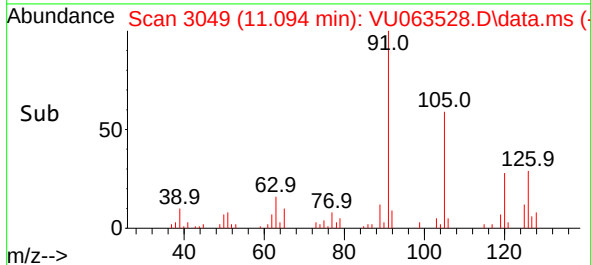
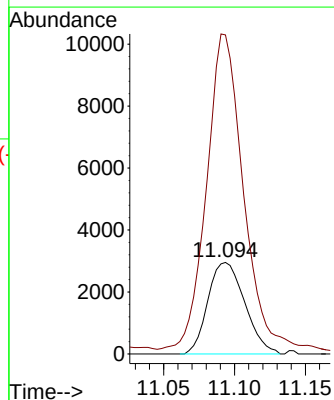
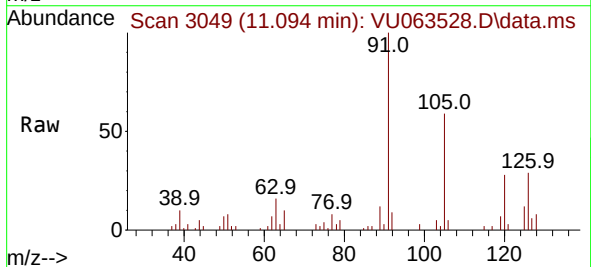
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

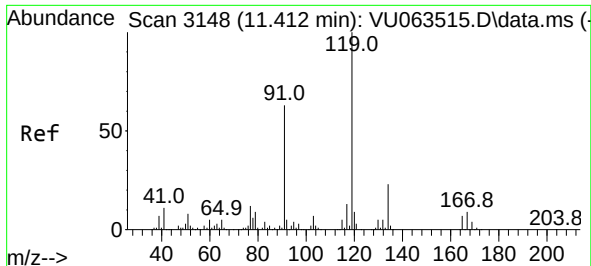
Tgt Ion:105 Resp: 18412
Ion Ratio Lower Upper
105 100
120 46.4 37.8 56.8



#76
4-Chlorotoluene
Concen: 0.808 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion:126 Resp: 5340
Ion Ratio Lower Upper
126 100
91 362.5 0.0 682.2





#77

tert-Butylbenzene

Concen: 0.823 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

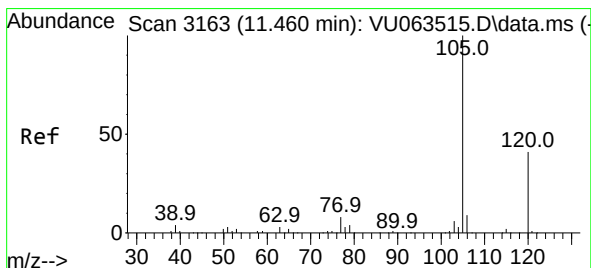
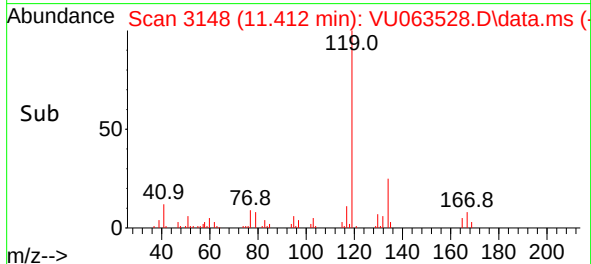
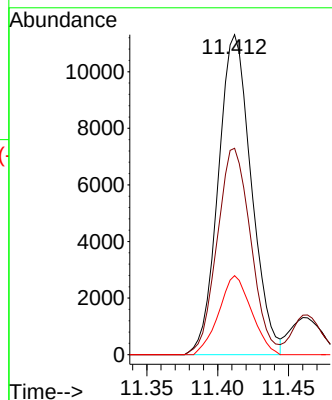
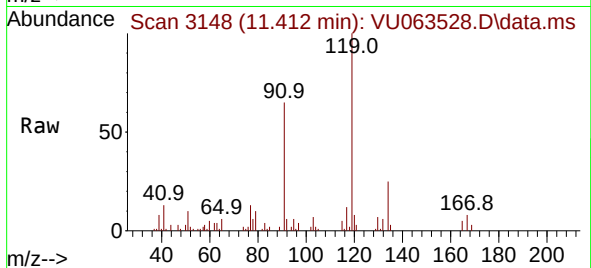
Tgt Ion:119 Resp: 18378

Ion Ratio Lower Upper

119 100

91 65.6 30.7 92.1

134 24.3 18.5 27.7



#78

1,2,4-Trimethylbenzene

Concen: 0.787 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU063528.D

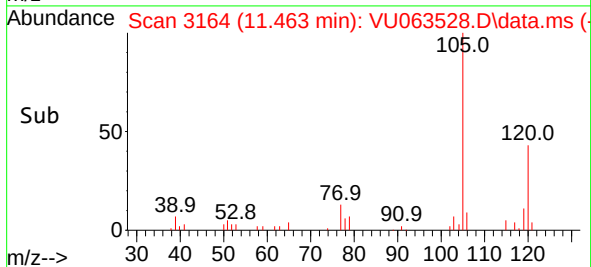
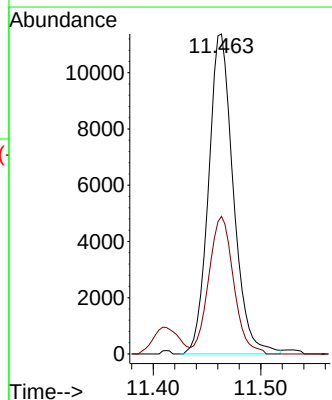
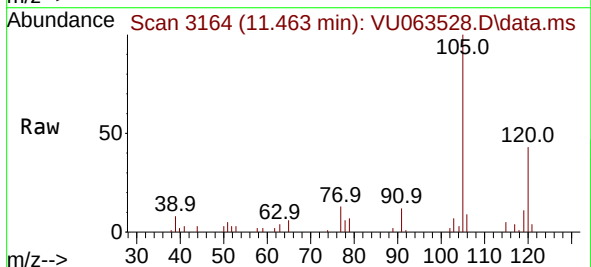
Acq: 17 Jul 2025 16:49

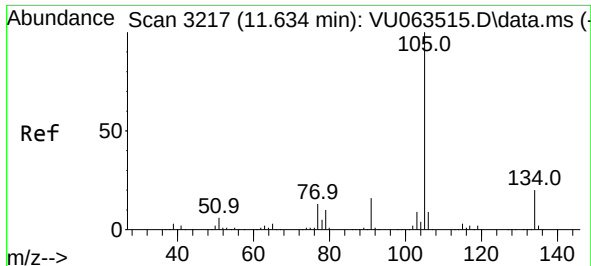
Tgt Ion:105 Resp: 18250

Ion Ratio Lower Upper

105 100

120 43.0 22.7 68.0

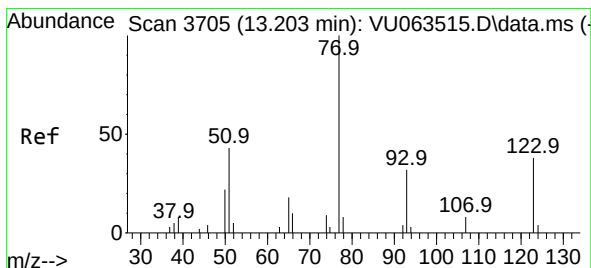
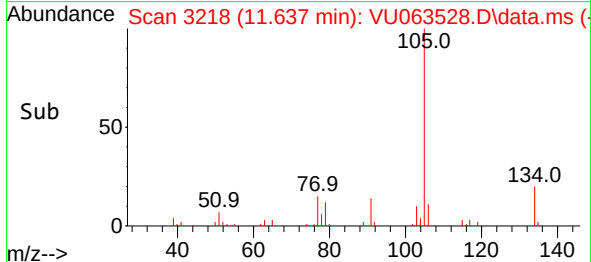
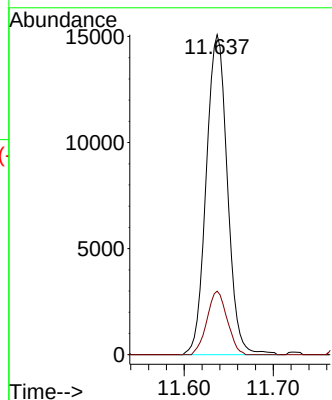
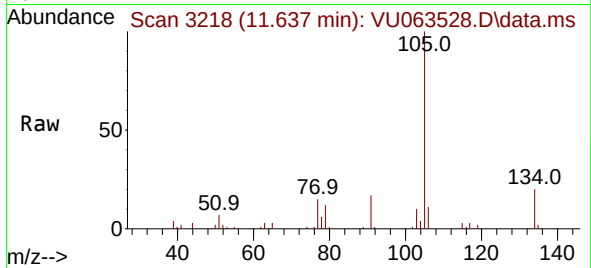




#79
 sec-Butylbenzene
 Concen: 0.826 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

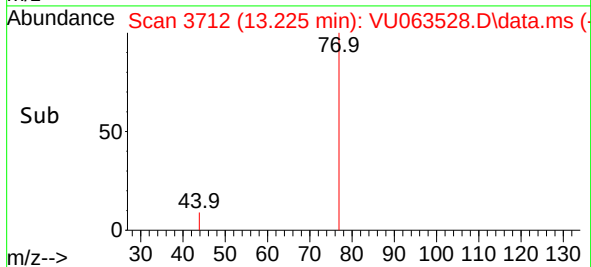
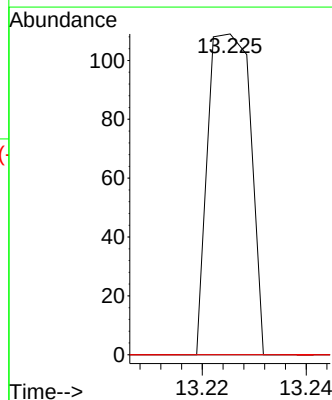
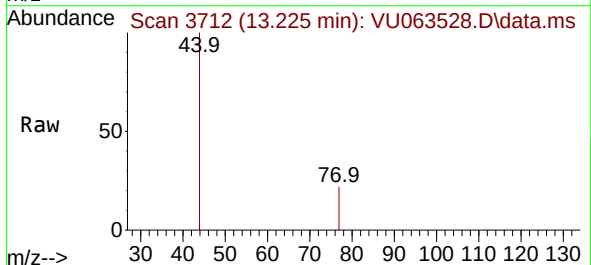
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

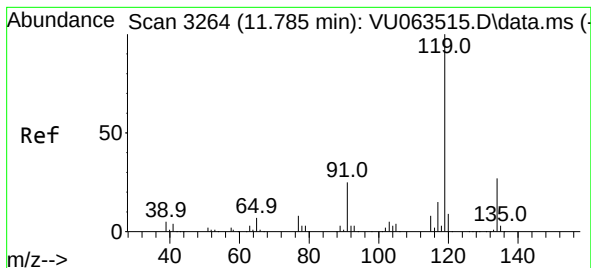
Tgt Ion:105 Resp: 24871
 Ion Ratio Lower Upper
 105 100
 134 18.9 16.2 24.4



#80
 Nitrobenzene
 Concen: 0.709 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.022 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

Tgt Ion: 77 Resp: 62
 Ion Ratio Lower Upper
 77 100
 123 0.0 16.9 59.7#
 65 0.0 16.5 20.9#

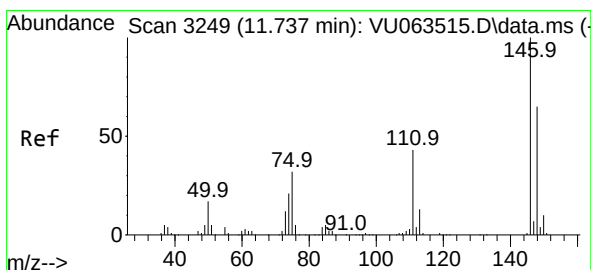
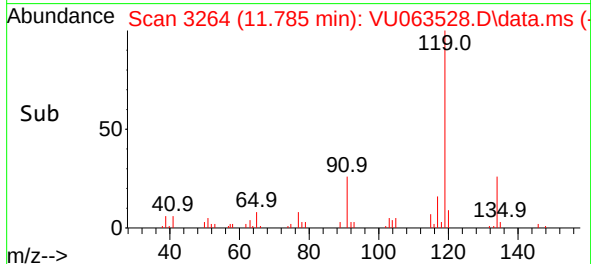
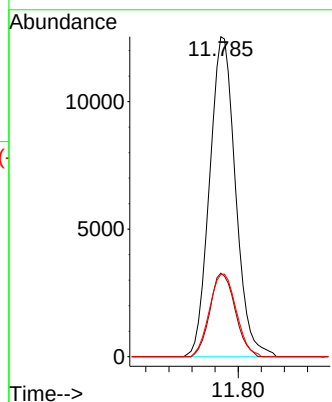
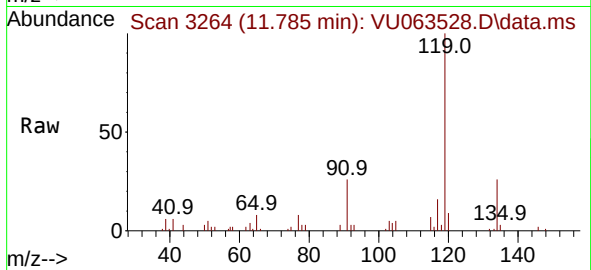




#81
p-Isopropyltoluene
Concen: 0.777 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

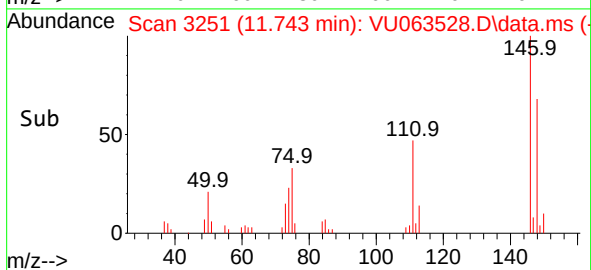
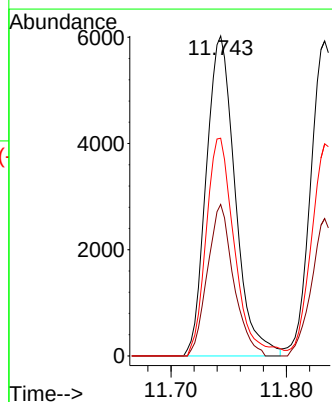
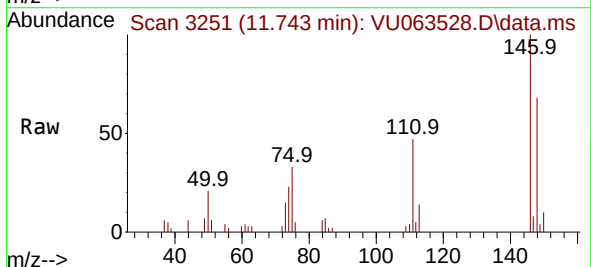
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

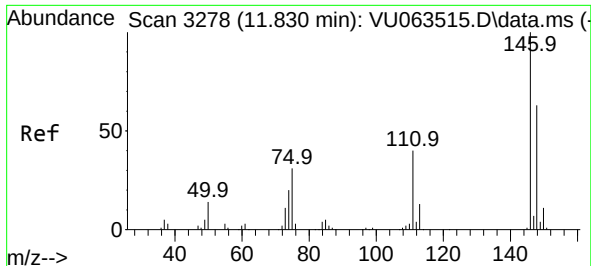
Tgt Ion:	119	Resp:	19522
Ion	Ratio	Lower	Upper
119	100		
134	25.5	21.1	31.7
91	26.7	19.8	29.8



#82
1,3-Dichlorobenzene
Concen: 0.829 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion:	146	Resp:	10465
Ion	Ratio	Lower	Upper
146	100		
111	42.8	33.8	50.6
148	66.9	51.5	77.3

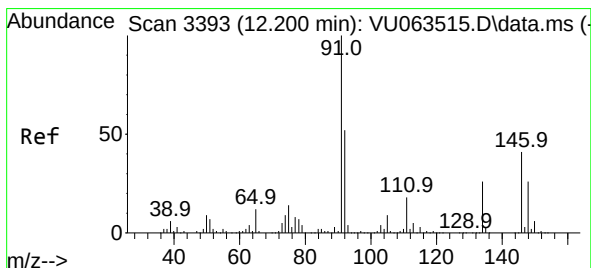
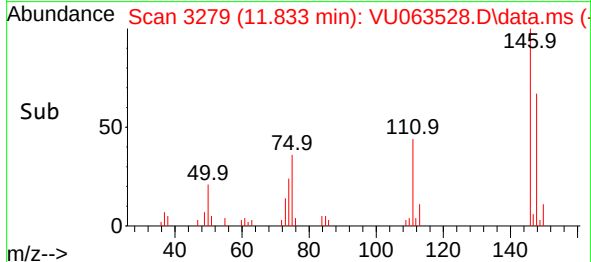
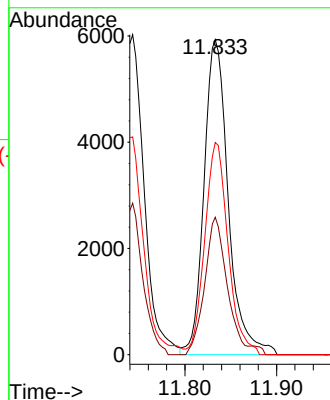
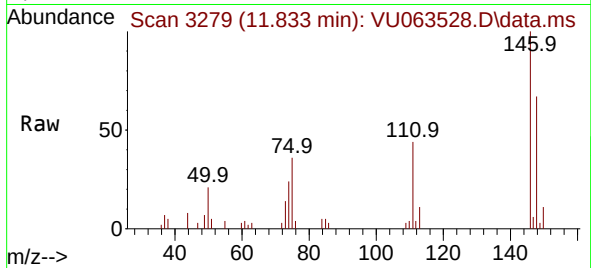




#83
1,4-Dichlorobenzene
Concen: 0.864 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

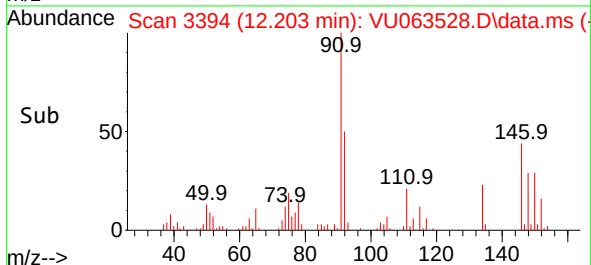
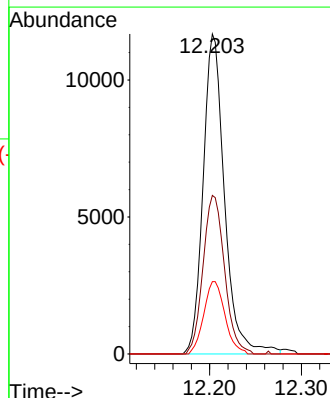
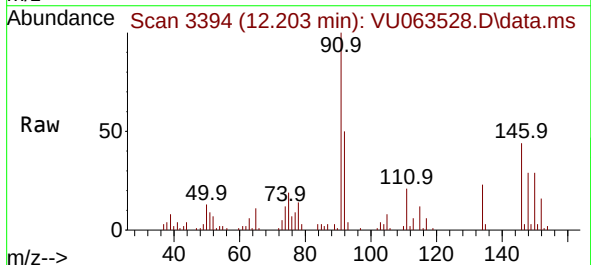
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

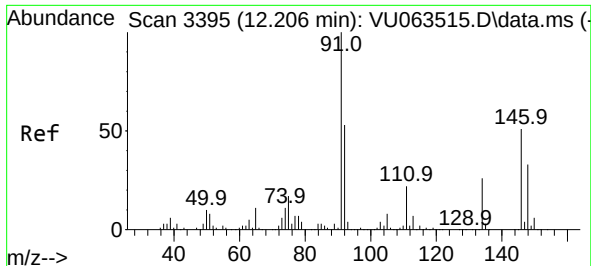
Tgt Ion:146 Resp: 10927
Ion Ratio Lower Upper
146 100
111 41.3 32.0 48.0
148 64.6 50.2 75.2



#84
n-Butylbenzene
Concen: 0.811 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 91 Resp: 18903
Ion Ratio Lower Upper
91 100
92 49.9 41.5 62.3
134 22.4 20.6 30.8

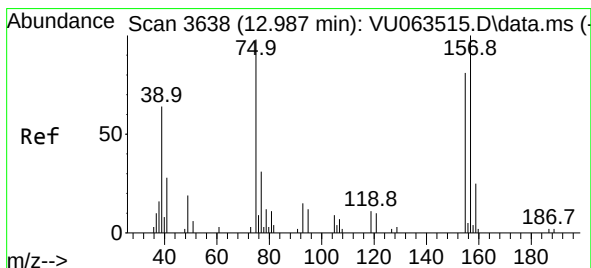
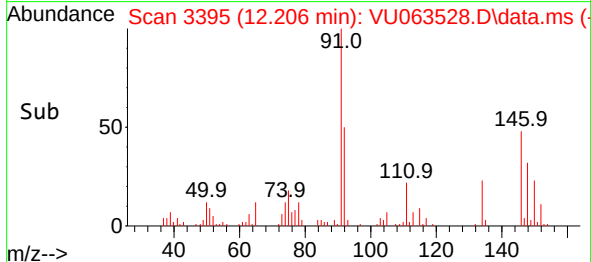
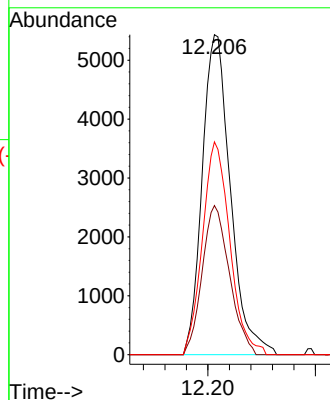
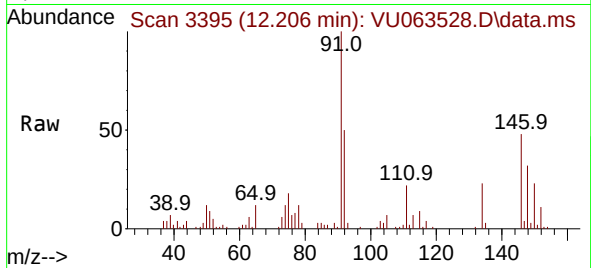




#85
 1,2-Dichlorobenzene
 Concen: 0.832 ug/l
 RT: 12.206 min Scan# 3395
 Delta R.T. 0.000 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

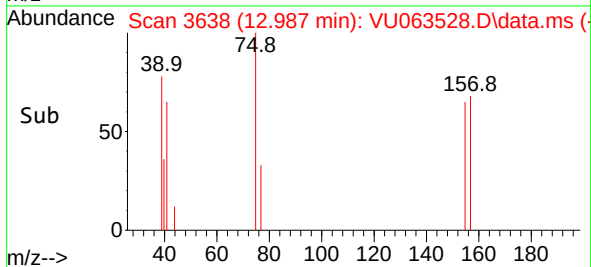
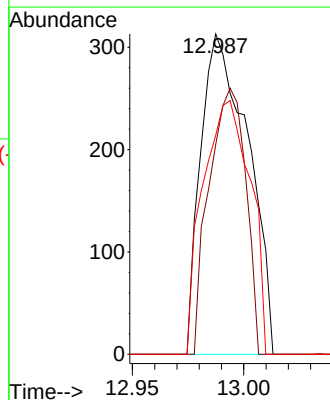
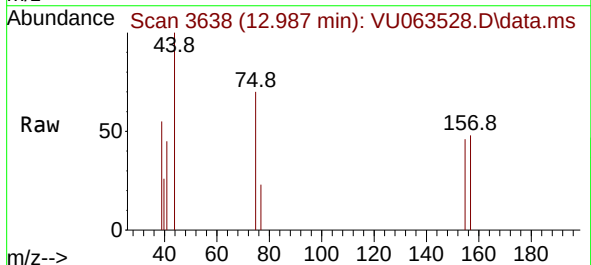
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

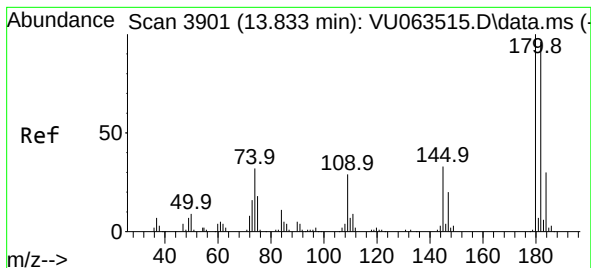
Tgt Ion:146 Resp: 9867
 Ion Ratio Lower Upper
 146 100
 111 45.2 21.7 65.1
 148 64.8 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.650 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. 0.000 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

Tgt Ion: 75 Resp: 461
 Ion Ratio Lower Upper
 75 100
 155 64.2 65.8 98.6#
 157 79.2 81.4 122.2#





#87

1,2,4-Trichlorobenzene

Concen: 0.740 ug/l

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

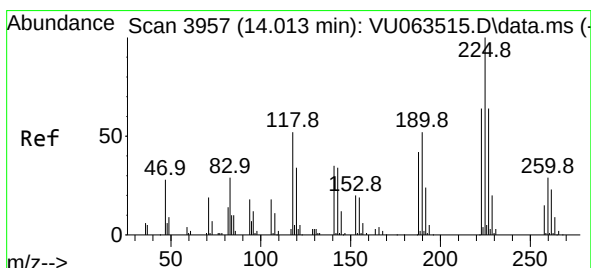
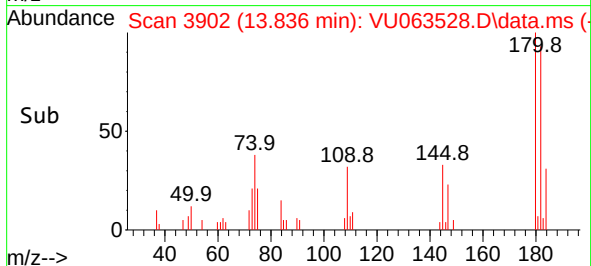
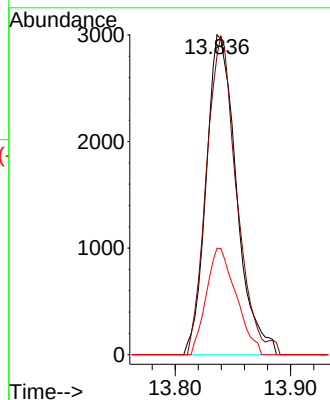
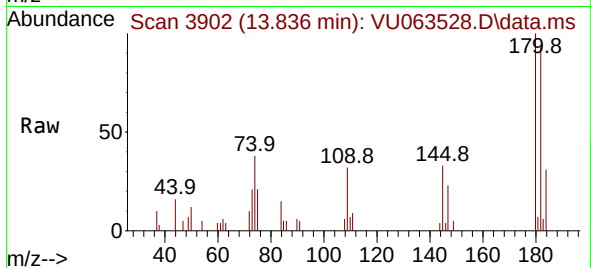
Tgt Ion:180 Resp: 5461

Ion Ratio Lower Upper

180 100

182 99.5 76.2 114.4

145 32.8 26.2 39.2



#88

Hexachlorobutadiene

Concen: 0.767 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

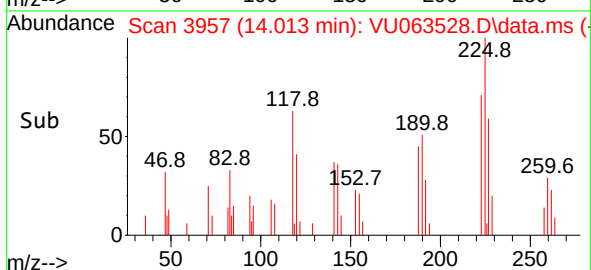
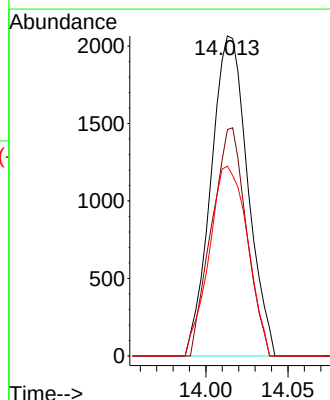
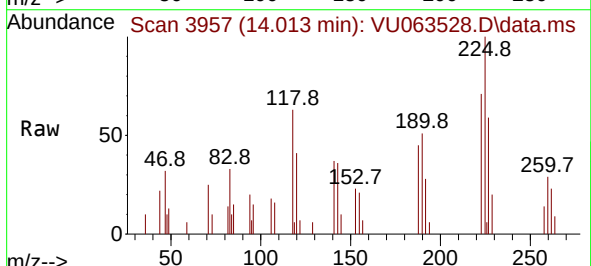
Tgt Ion:225 Resp: 3214

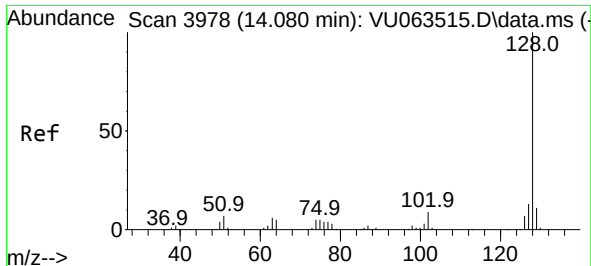
Ion Ratio Lower Upper

225 100

223 67.2 50.8 76.2

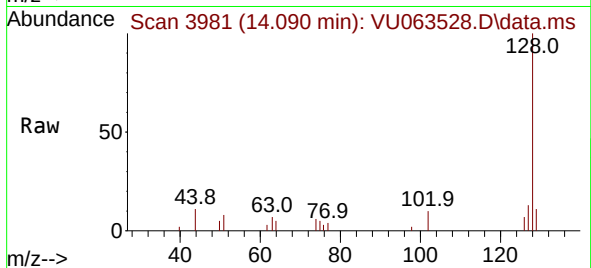
227 62.0 51.0 76.6



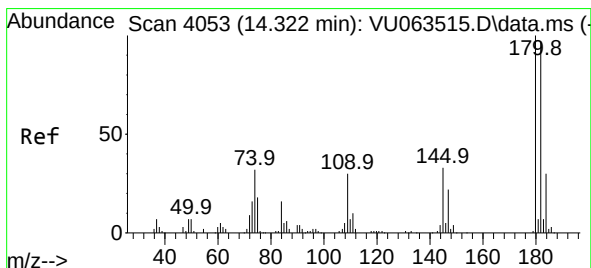
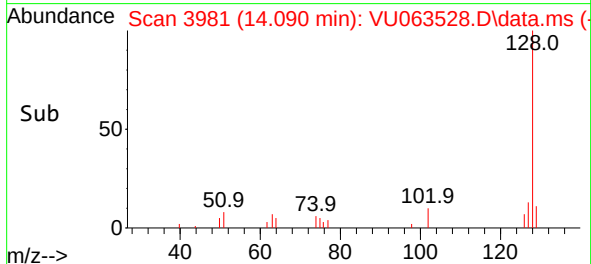
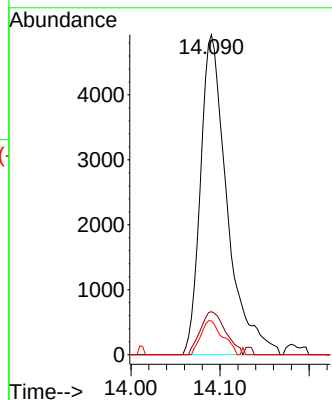


#89
Naphthalene
Concen: 0.772 ug/l
RT: 14.090 min Scan# 3978
Delta R.T. 0.010 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:128 Resp: 10211
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 8.7 8.8 13.2#



#90
1,2,3-Trichlorobenzene
Concen: 0.789 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion:180 Resp: 5381
Ion Ratio Lower Upper
180 100
182 90.7 78.0 117.0
145 33.7 27.3 40.9

