

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
 Data File : VU063527.D
 Acq On : 17 Jul 2025 16:18
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Quant Time: Jul 18 05:06:51 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	19677	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	7554	1.014	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	6960	1.010	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	2561	0.441	ug/l	100
3) Chloromethane	1.518	50	2891	0.536	ug/l	98
4) Vinyl Chloride	1.599	62	3457	0.503	ug/l	98
5) Bromomethane	1.846	94	3241	0.626	ug/l	84
6) Chloroethane	1.927	64	2091	0.504	ug/l	95
7) Trichlorofluoromethane	2.129	101	4793	0.486	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.566	101	2435	0.472	ug/l	93
9) 1,1-Dichloroethene	2.566	96	2556	0.500	ug/l	95
10) Iodomethane	2.708	142	1545	0.250	ug/l	98
11) Allyl Chloride	2.910	41	3891	0.527	ug/l	99
12) Acrylonitrile	3.306	53	1449	1.134	ug/l	# 91
13) Acetone	2.621	43	3002	2.933	ug/l	97
14) Carbon Disulfide	2.779	76	7244	0.439	ug/l	96
15) Methylene Chloride	3.029	84	3826	0.636	ug/l	93
16) trans-1,2-Dichloroethene	3.332	96	2905	0.501	ug/l	94
17) 1,1-Dichloroethane	3.853	63	5769	0.536	ug/l	# 94
18) 2-Butanone	4.721	43	3564	2.248	ug/l	93
19) Cyclohexane	5.354	56	4916	0.540	ug/l	96
20) Methylcyclohexane	6.740	83	3622	0.409	ug/l	92
21) 2,2-Dichloropropane	4.644	77	4608	0.503	ug/l	98
22) cis-1,2-Dichloroethene	4.647	96	3365	0.534	ug/l	94
23) Diethyl Ether	2.370	59	2185	0.561	ug/l	# 87
24) tert-Butyl Alcohol	3.203	59	2871	6.110	ug/l	# 89
25) Methyl tert-Butyl Ether	3.364	73	7031	0.527	ug/l	98
26) Bromochloromethane	4.955	128	1370	0.521	ug/l	98
27) Chloroform	5.068	83	5776	0.526	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	4703	0.505	ug/l	97
29) 1,1-Dichloropropene	5.502	75	4533	0.525	ug/l	# 89
30) Carbon Tetrachloride	5.496	117	3427	0.457	ug/l	97
31) Isopropyl Ether	3.994	45	10112	0.623	ug/l	98
32) Ethyl-t-butyl ether	4.508	59	8051	0.536	ug/l	94
33) Tert-Amyl methyl ether	5.942	73	5578	0.428	ug/l	# 95
34) Propionitrile	4.782	54	1303	2.698	ug/l	# 74
35) Benzene	5.753	78	13676	0.590	ug/l	94
36) 1,2-Dichloroethane	5.782	62	3971	0.551	ug/l	97
37) Trichloroethene	6.528	130	2386	0.403	ug/l	92
38) 1,2-Dichloropropane	6.782	63	2516	0.464	ug/l	96
39) Methacrylonitrile	4.975	41	1421	0.662	ug/l	# 78
40) Methyl acrylate	4.856	55	1697	0.541	ug/l	# 77
41) Tetrahydrofuran	5.065	42	1660	1.470	ug/l	# 73
42) 1-Chlorobutane	5.438	56	5906	0.515	ug/l	98
43) Dibromomethane	6.914	93	1249	0.444	ug/l	85
44) Bromodichloromethane	7.097	83	2481	0.391	ug/l	# 93

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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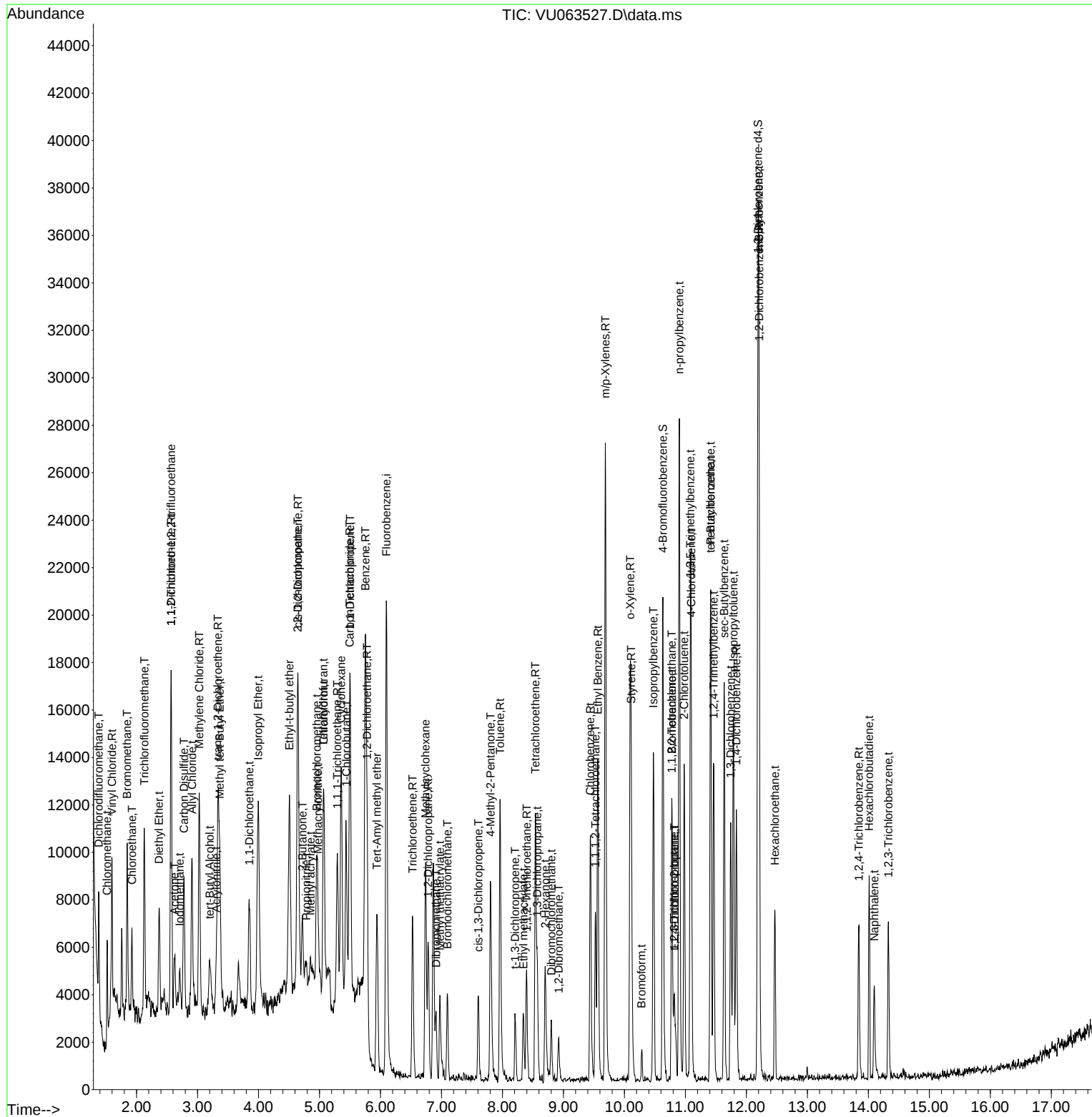
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.804	43	6666	2.301	ug/l	98
46) t-1,4-Dichloro-2-butene	10.817	75	2210	2.032	ug/l #	51
47) Methyl methacrylate	6.975	69	1787	0.757	ug/l	93
48) Ethyl methacrylate	8.344	69	1819	0.404	ug/l	88
49) Toluene	7.962	92	5780	0.457	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	1708	0.343	ug/l	91
51) cis-1,3-Dichloropropene	7.605	75	2287	0.343	ug/l #	93
52) 1,1,2-Trichloroethane	8.399	97	1706	0.451	ug/l	90
53) 1,3-Dichloropropane	8.573	76	3048	0.467	ug/l	97
54) 2-Hexanone	8.704	43	3976	2.067	ug/l	97
55) Dibromochloromethane	8.801	129	1374	0.344	ug/l	99
56) 1,2-Dibromoethane	8.923	107	1386	0.409	ug/l	92
58) Tetrachloroethene	8.540	164	2606	0.481	ug/l	92
59) Chlorobenzene	9.441	112	6304	0.434	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	1822	0.390	ug/l	99
61) Pentachloroethane	11.415	117	1338	0.405	ug/l #	81
62) Hexachloroethane	12.466	117	1054	0.322	ug/l	90
63) Ethyl Benzene	9.563	91	11087	0.443	ug/l	95
64) m/p-Xylenes	9.688	106	8507	0.875	ug/l	100
65) o-Xylene	10.097	106	4223	0.452	ug/l	98
66) Styrene	10.113	104	6159	0.414	ug/l	96
67) Bromoform	10.280	173	562	0.274	ug/l #	91
69) Isopropylbenzene	10.476	105	10080	0.446	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	2105	0.457	ug/l #	91
71) 1,2,3-Trichloropropane	10.817	75	2210	0.591	ug/l #	80
72) Bromobenzene	10.778	156	2367	0.406	ug/l	72
73) n-propylbenzene	10.900	120	5417	0.797	ug/l	96
74) 2-Chlorotoluene	10.981	126	2571	0.428	ug/l	86
75) 1,3,5-Trimethylbenzene	11.081	105	8777	0.407	ug/l	100
76) 4-Chlorotoluene	11.097	126	2604	0.427	ug/l	99
77) tert-Butylbenzene	11.412	119	8556	0.415	ug/l	94
78) 1,2,4-Trimethylbenzene	11.463	105	8317	0.389	ug/l	99
79) sec-Butylbenzene	11.637	105	11744	0.422	ug/l	96
81) p-Isopropyltoluene	11.788	119	9098	0.392	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	4826	0.414	ug/l	99
83) 1,4-Dichlorobenzene	11.836	146	5095	0.436	ug/l	97
84) n-Butylbenzene	12.206	91	8314	0.386	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	4790	0.437	ug/l	99
87) 1,2,4-Trichlorobenzene	13.846	180	2536	0.372	ug/l	96
88) Hexachlorobutadiene	14.013	225	1445	0.373	ug/l	96
89) Naphthalene	14.097	128	4813	0.394	ug/l #	89
90) 1,2,3-Trichlorobenzene	14.328	180	2515	0.399	ug/l	96

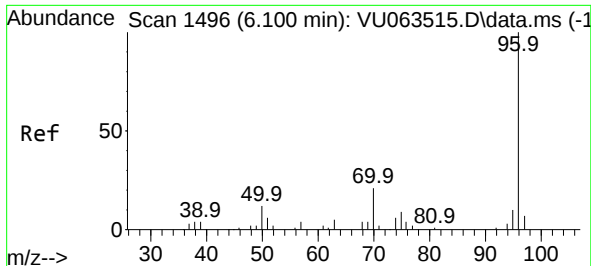
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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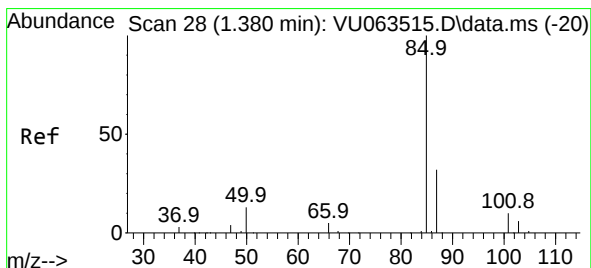
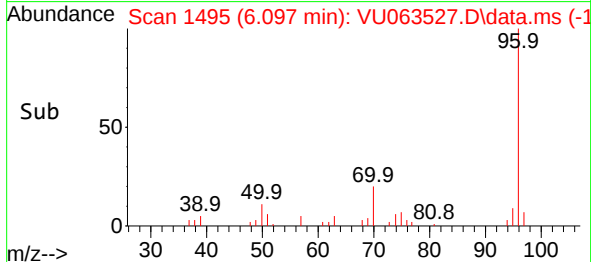
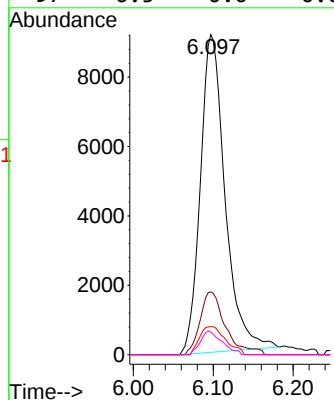
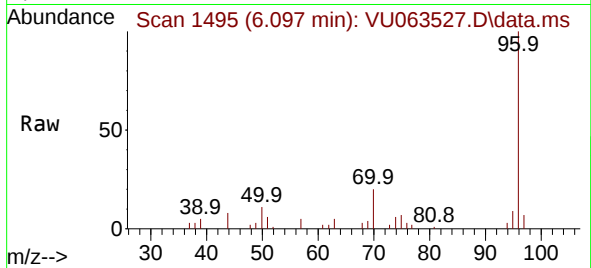




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063527.D
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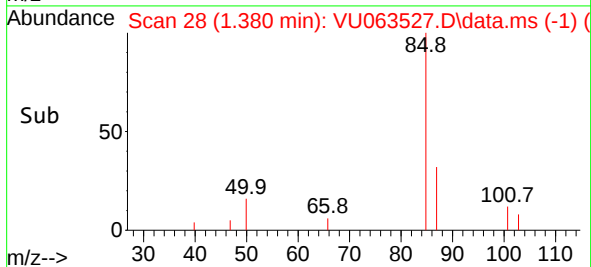
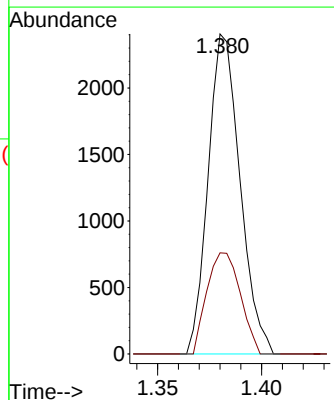
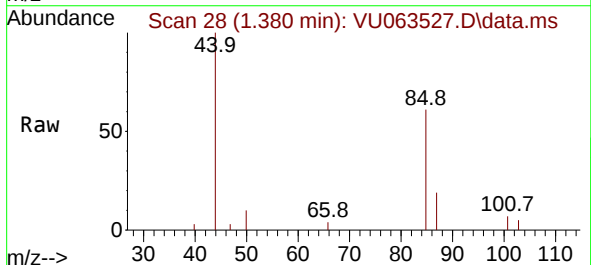
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

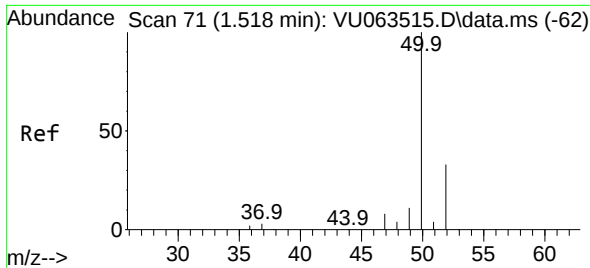
Tgt Ion:	96	Resp:	19677
Ion	Ratio	Lower	Upper
96	100		
70	20.3	15.0	22.4
95	9.3	7.4	11.0
97	6.5	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.441 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063527.D
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Tgt Ion:	85	Resp:	2561
Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.0	47.9

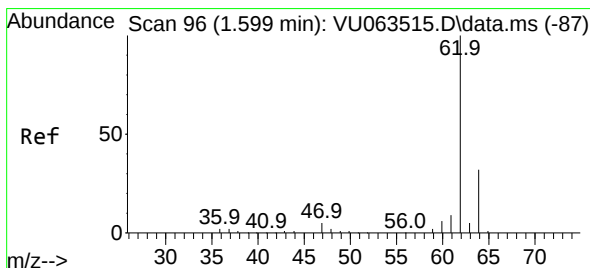
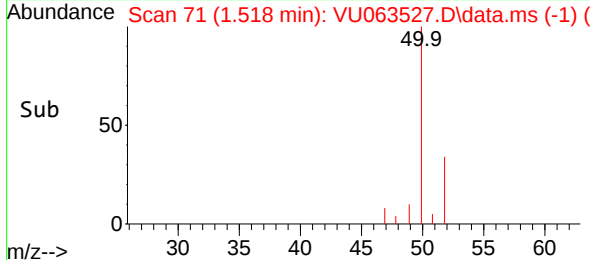
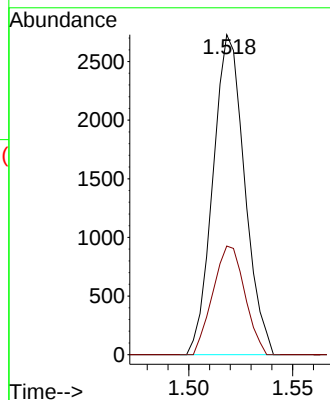
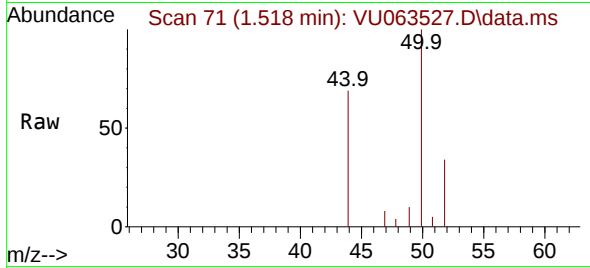




#3
Chloromethane
Concen: 0.536 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

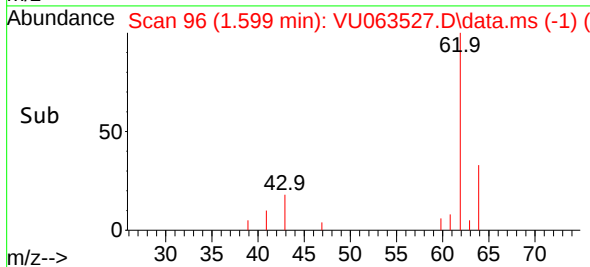
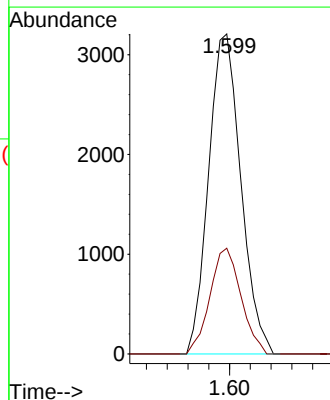
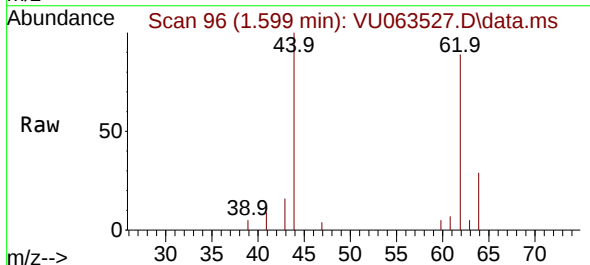
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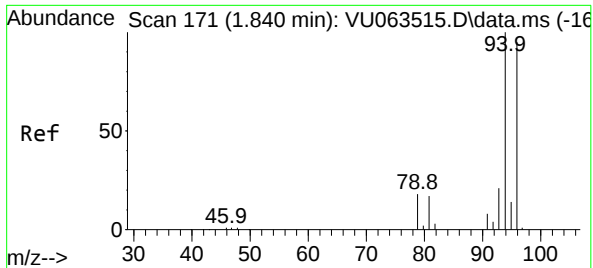
Tgt Ion: 50 Resp: 2891
Ion Ratio Lower Upper
50 100
52 34.0 26.3 39.5



#4
Vinyl Chloride
Concen: 0.503 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion: 62 Resp: 3457
Ion Ratio Lower Upper
62 100
64 33.1 25.7 38.5

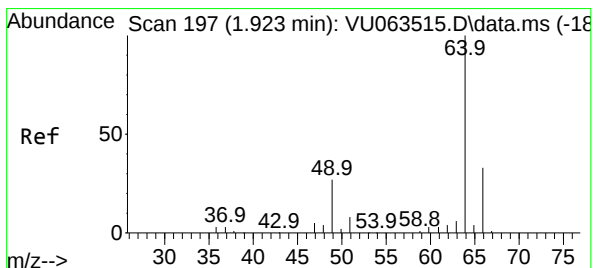
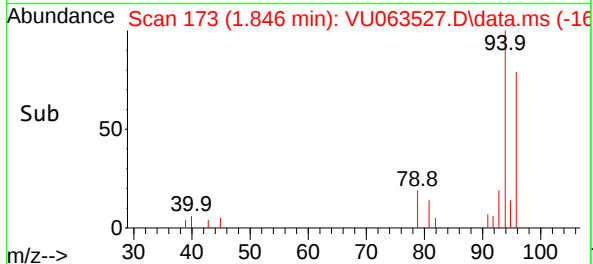
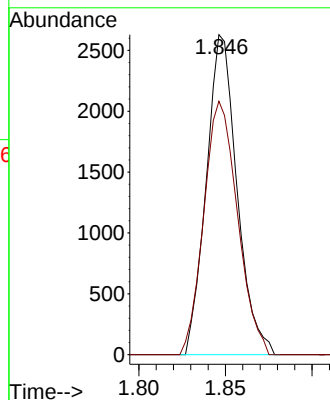
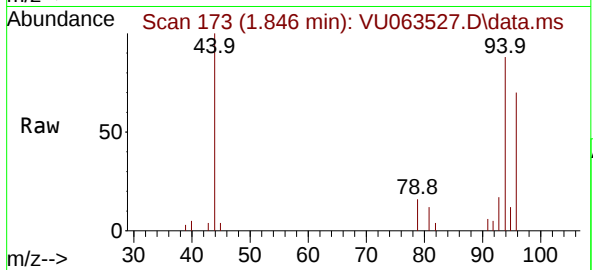




#5
Bromomethane
Concen: 0.626 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063527.D
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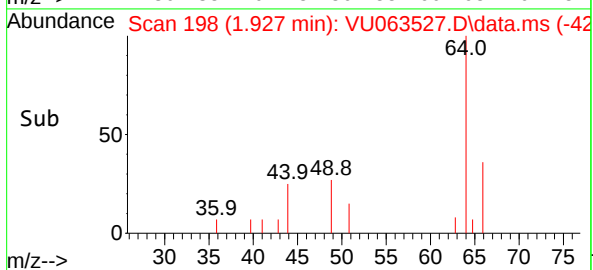
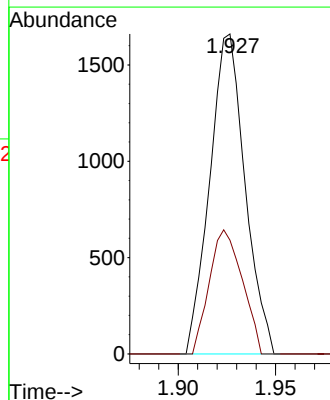
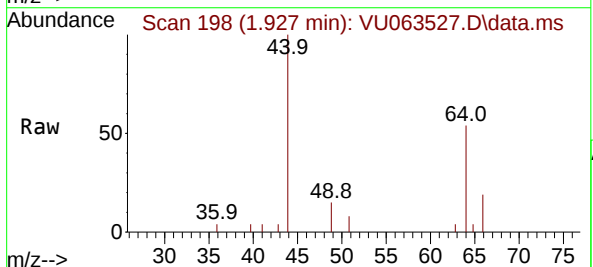
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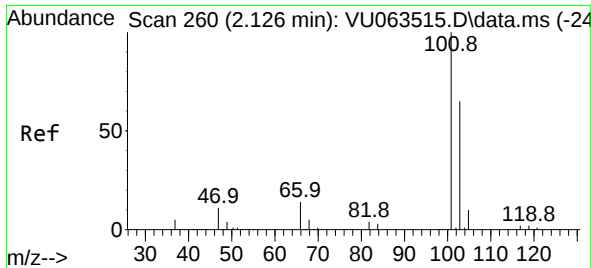
Tgt Ion: 94 Resp: 3241
Ion Ratio Lower Upper
94 100
96 79.2 75.8 113.6



#6
Chloroethane
Concen: 0.504 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion: 64 Resp: 2091
Ion Ratio Lower Upper
64 100
66 35.5 26.2 39.4

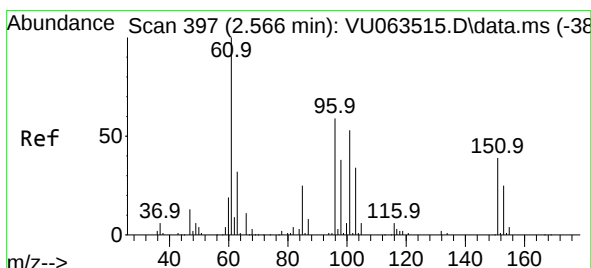
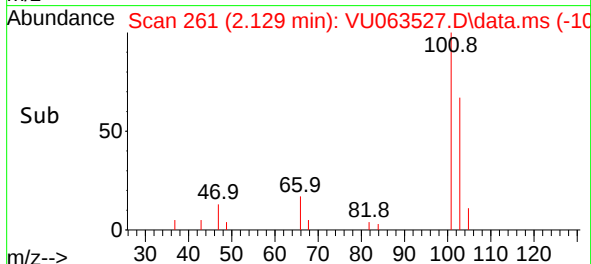
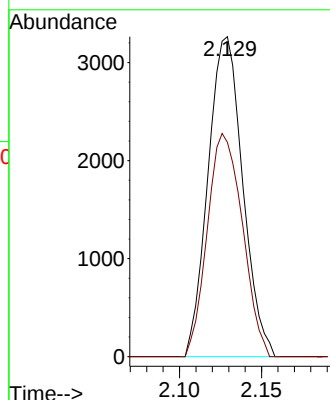
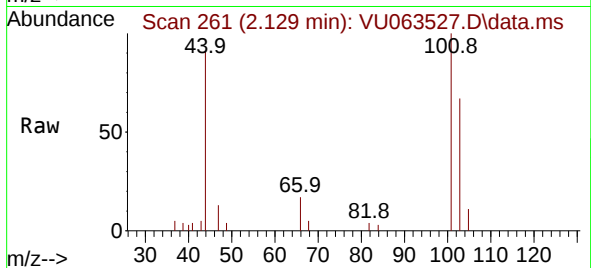




#7
 Trichlorofluoromethane
 Concen: 0.486 ug/l
 RT: 2.129 min Scan# 260
 Delta R.T. 0.003 min
 Lab File: VU063527.D
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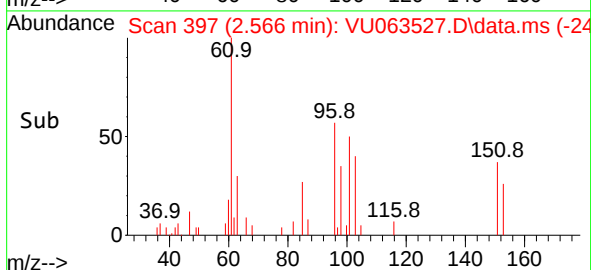
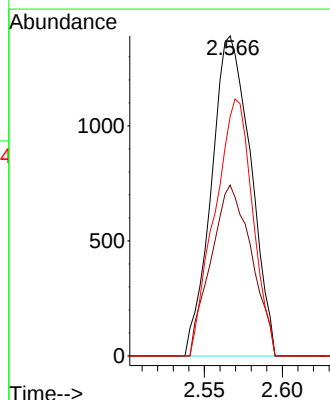
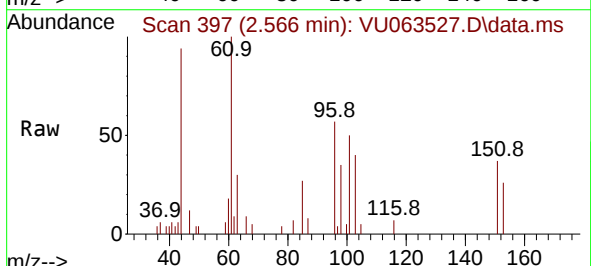
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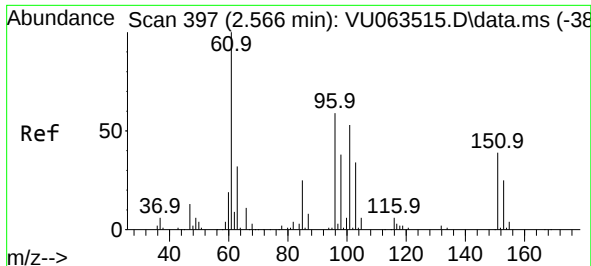
Tgt Ion:101 Resp: 4793
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.2 78.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.472 ug/l
 RT: 2.566 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063527.D
 Acq: 17 Jul 2025 16:18

Tgt Ion:101 Resp: 2435
 Ion Ratio Lower Upper
 101 100
 85 55.2 37.8 56.6
 151 77.2 59.2 88.8

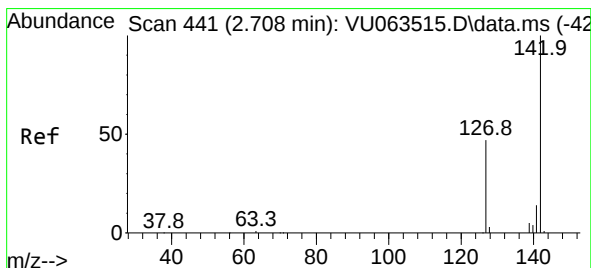
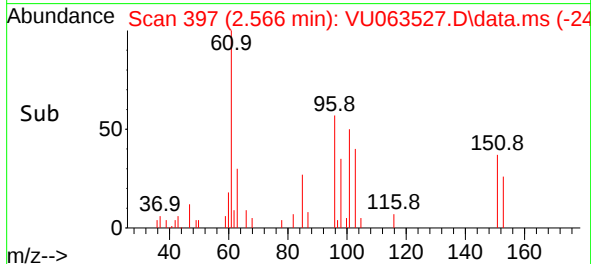
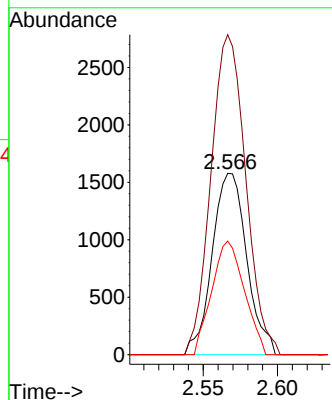
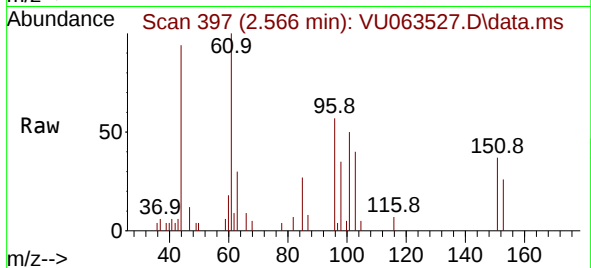




#9
1,1-Dichloroethene
Concen: 0.500 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063527.D
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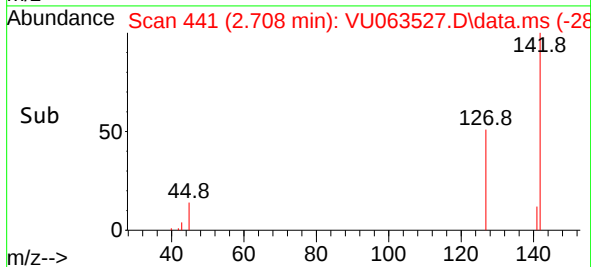
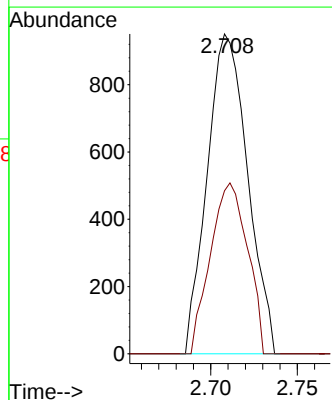
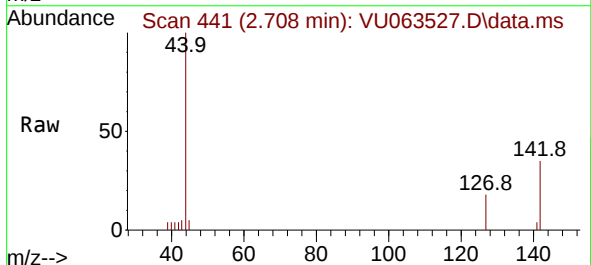
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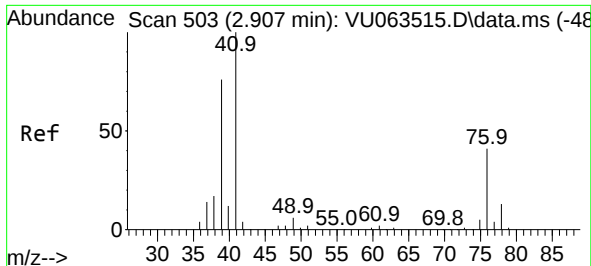
Tgt Ion: 96 Resp: 2556
Ion Ratio Lower Upper
96 100
61 176.6 0.0 504.3
98 62.7 0.0 126.8



#10
Iodomethane
Concen: 0.250 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion: 142 Resp: 1545
Ion Ratio Lower Upper
142 100
127 49.0 37.9 56.9

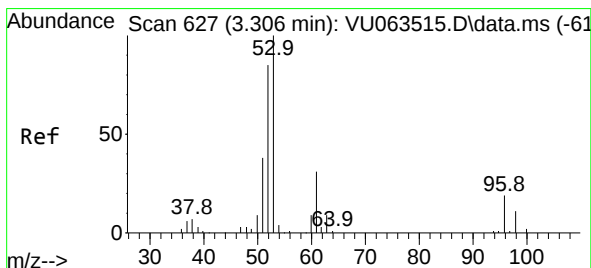
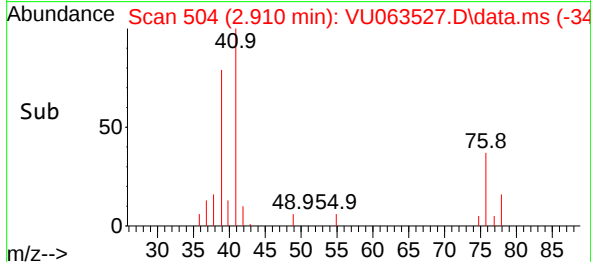
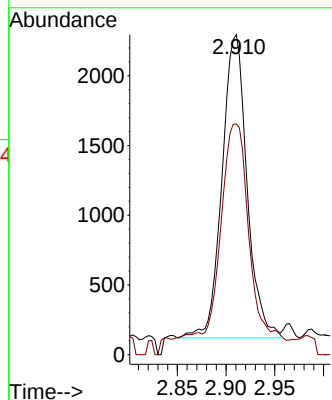
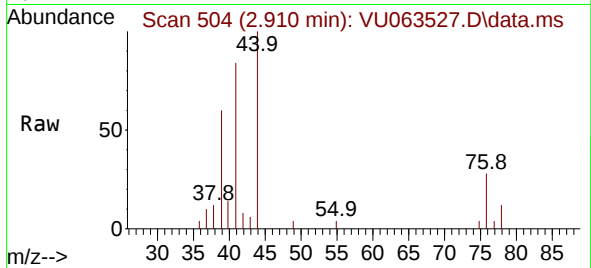




#11
 Allyl Chloride
 Concen: 0.527 ug/l
 RT: 2.910 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063527.D
 Acq: 17 Jul 2025 16:18

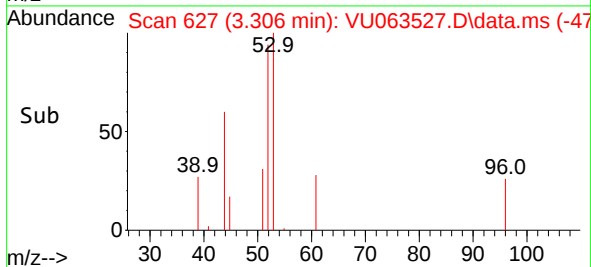
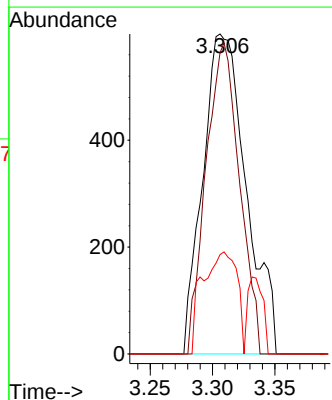
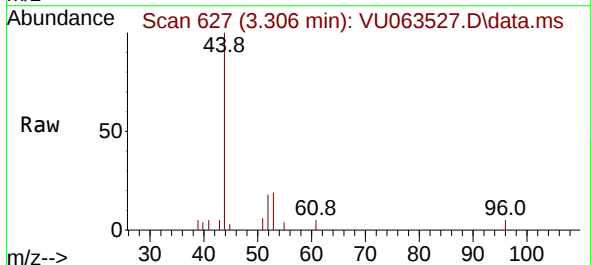
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

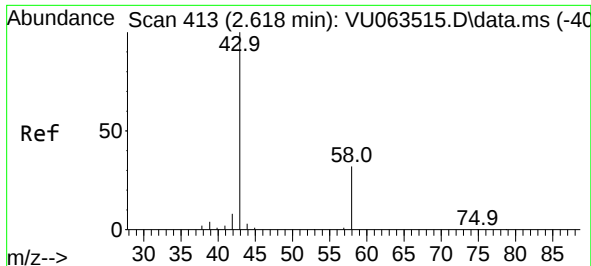
Tgt Ion: 41 Resp: 3891
 Ion Ratio Lower Upper
 41 100
 39 75.9 61.5 92.3



#12
 Acrylonitrile
 Concen: 1.134 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. -0.000 min
 Lab File: VU063527.D
 Acq: 17 Jul 2025 16:18

Tgt Ion: 53 Resp: 1449
 Ion Ratio Lower Upper
 53 100
 52 75.3 64.3 96.5
 51 25.3 27.8 41.8#





#13

Acetone

Concen: 2.933 ug/l

RT: 2.621 min Scan# 414

Delta R.T. 0.003 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

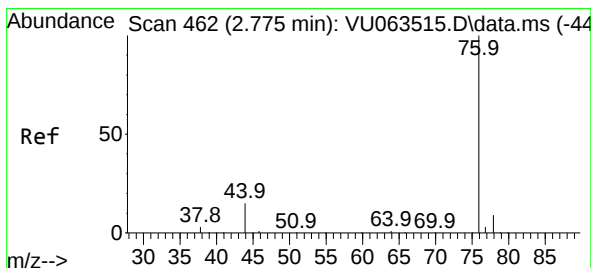
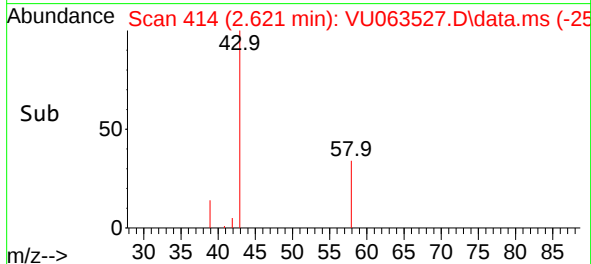
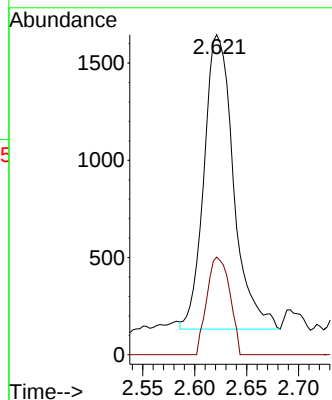
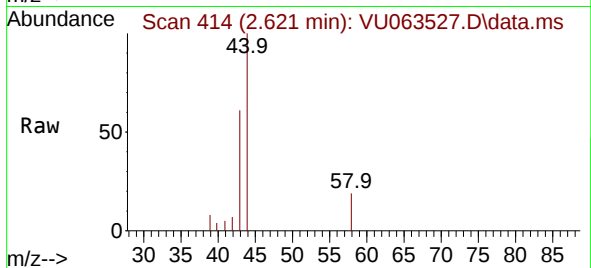
RL-CHECK

Tgt Ion: 43 Resp: 3002

Ion Ratio Lower Upper

43 100

58 33.2 25.4 38.0



#14

Carbon Disulfide

Concen: 0.439 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063527.D

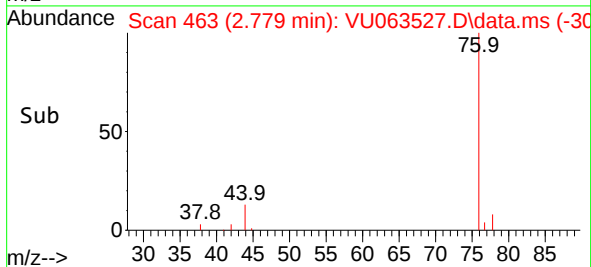
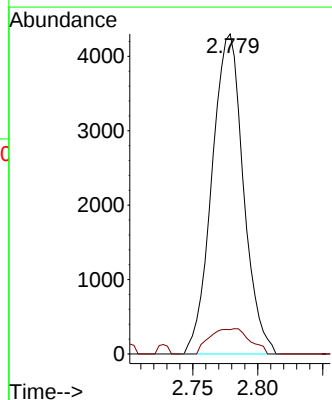
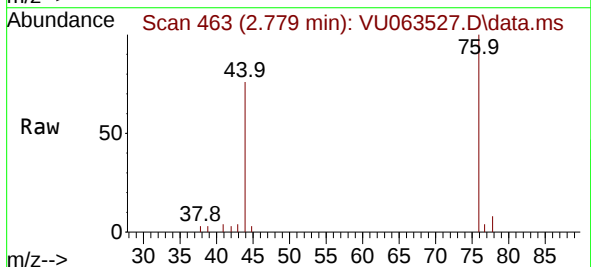
Acq: 17 Jul 2025 16:18

Tgt Ion: 76 Resp: 7244

Ion Ratio Lower Upper

76 100

78 7.3 7.0 10.6

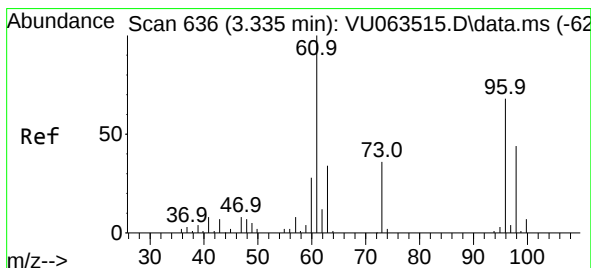
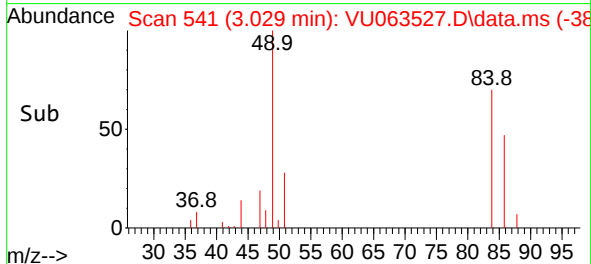
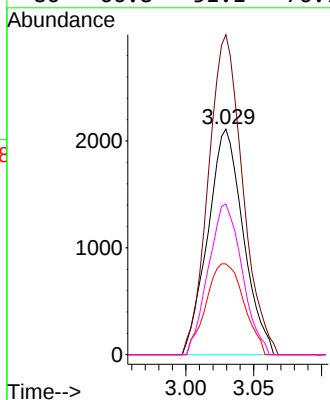
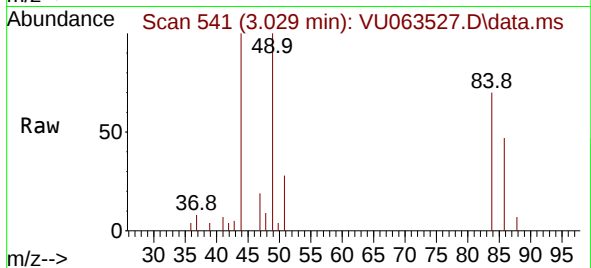




#15
Methylene Chloride
Concen: 0.636 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

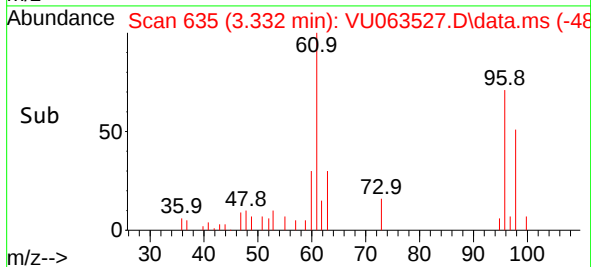
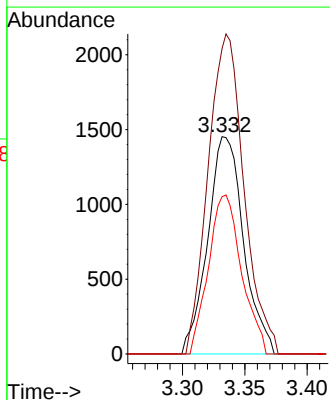
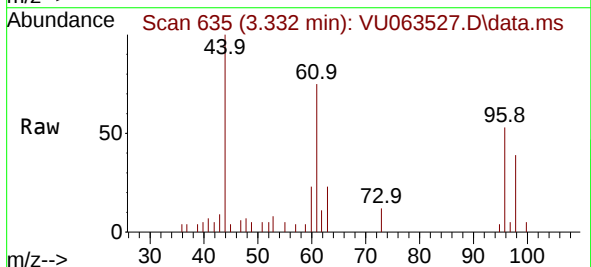
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

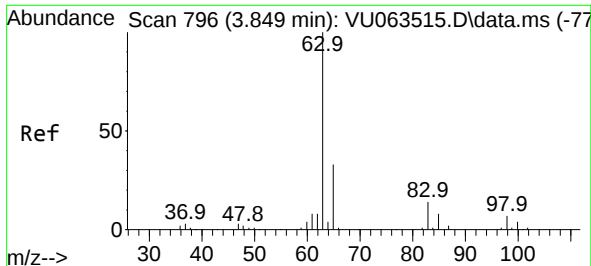
Tgt Ion:	84	Resp:	3826
Ion	Ratio	Lower	Upper
84	100		
49	141.9	103.8	155.8
51	40.2	0.0	80.4
86	66.8	51.1	76.7



#16
trans-1,2-Dichloroethene
Concen: 0.501 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion:	96	Resp:	2905
Ion	Ratio	Lower	Upper
96	100		
61	140.5	117.2	175.8
98	72.3	51.4	77.2





#17

1,1-Dichloroethane

Concen: 0.536 ug/l

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

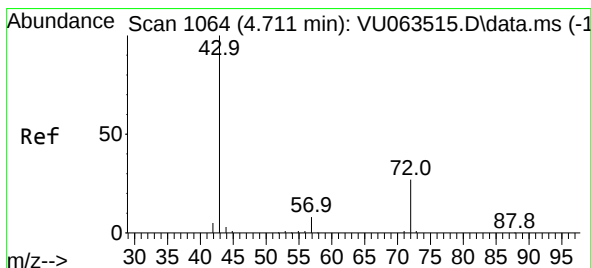
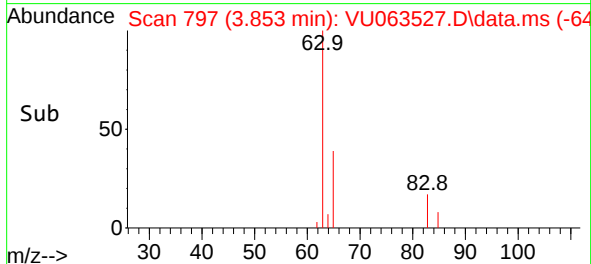
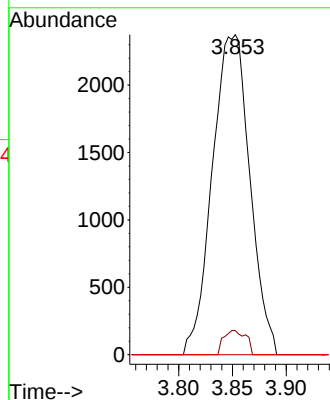
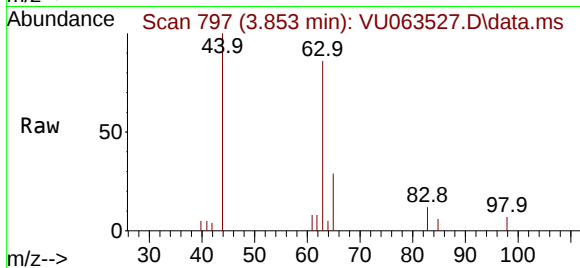
Tgt Ion: 63 Resp: 5769

Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.2

100 0.0 2.1 6.2#



#18

2-Butanone

Concen: 2.248 ug/l

RT: 4.721 min Scan# 1067

Delta R.T. 0.010 min

Lab File: VU063527.D

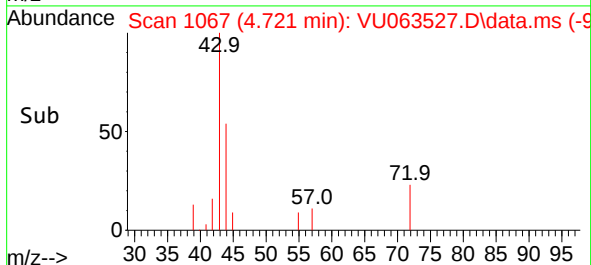
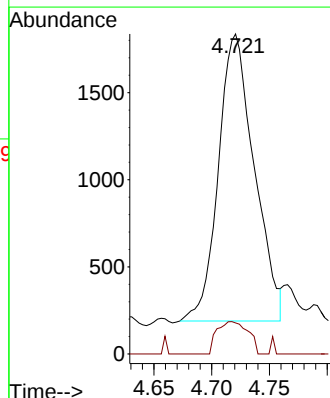
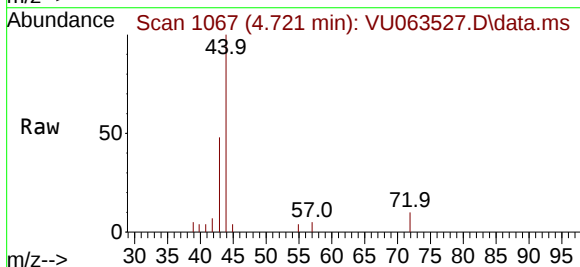
Acq: 17 Jul 2025 16:18

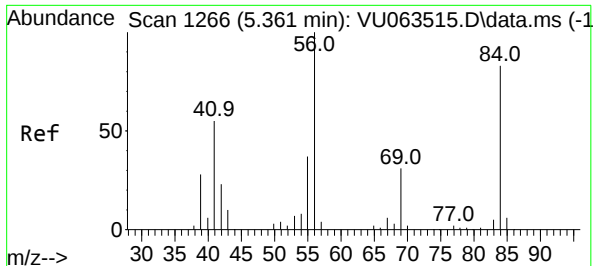
Tgt Ion: 43 Resp: 3564

Ion Ratio Lower Upper

43 100

57 10.8 0.0 16.4





#19

Cyclohexane

Concen: 0.540 ug/l

RT: 5.354 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

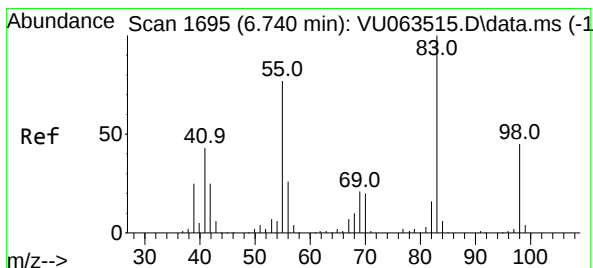
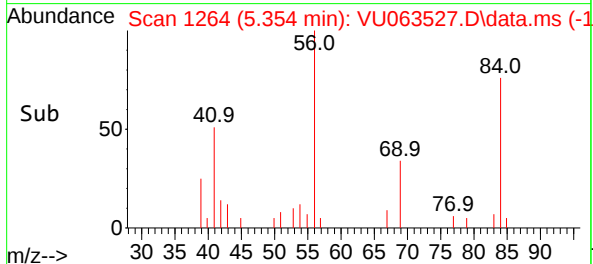
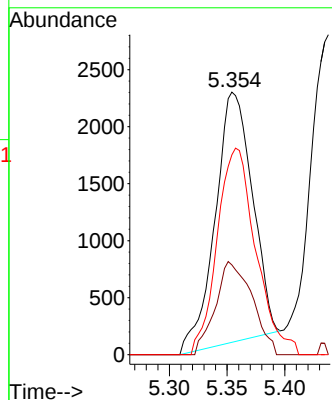
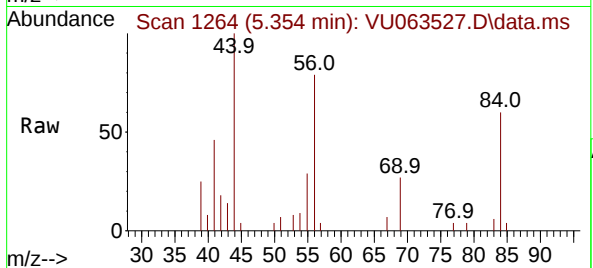
Tgt Ion: 56 Resp: 4916

Ion Ratio Lower Upper

56 100

69 36.8 26.6 39.8

84 85.9 71.0 106.4



#20

Methylcyclohexane

Concen: 0.409 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

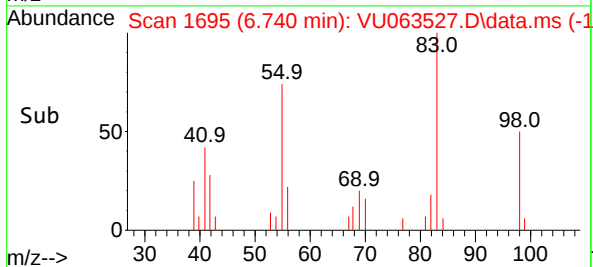
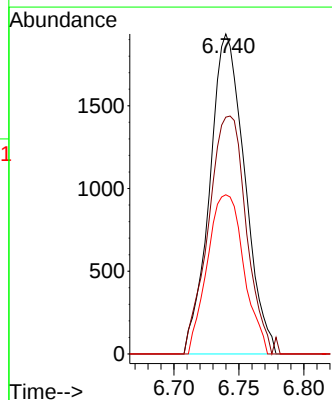
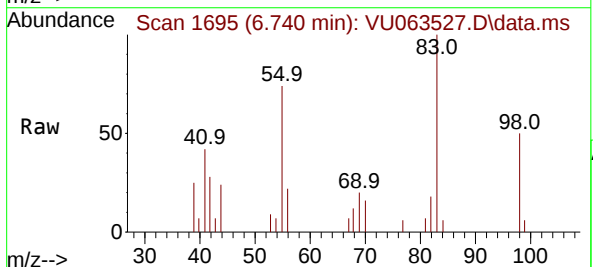
Tgt Ion: 83 Resp: 3622

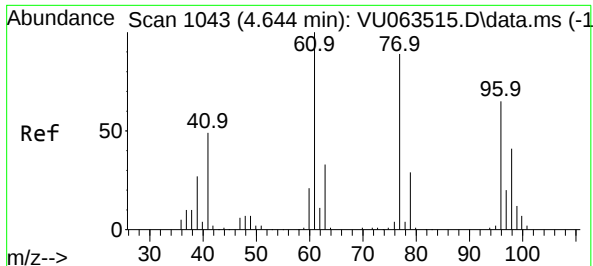
Ion Ratio Lower Upper

83 100

55 80.6 60.6 90.8

98 52.0 35.8 53.8

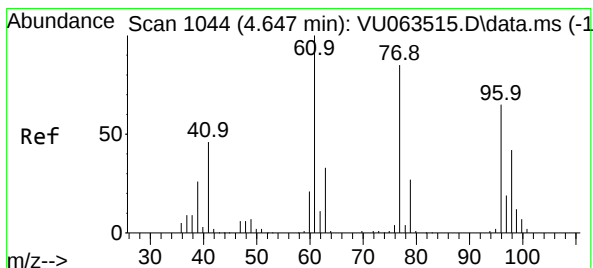
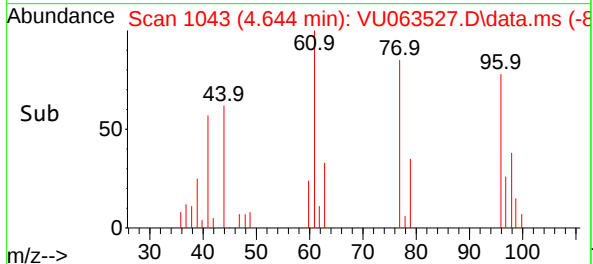
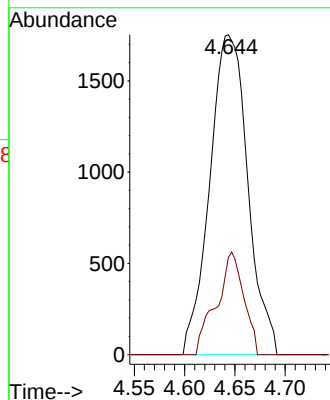
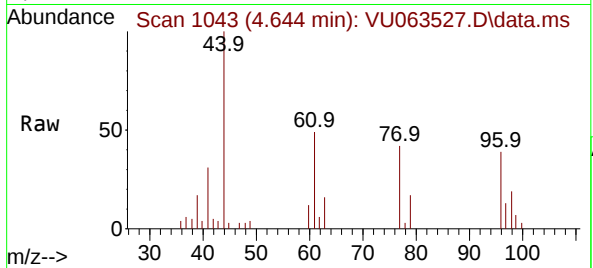




#21
2,2-Dichloropropane
Concen: 0.503 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

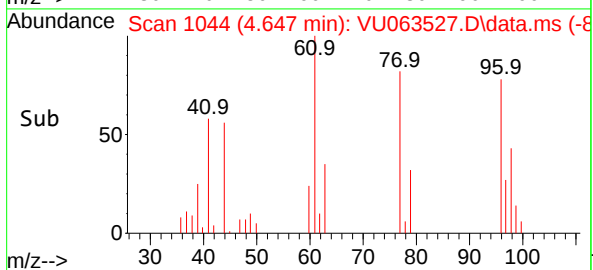
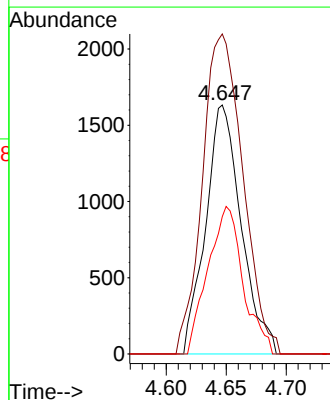
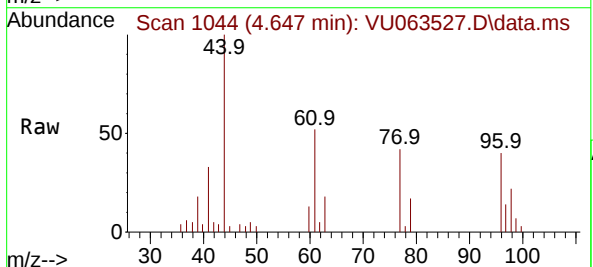
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

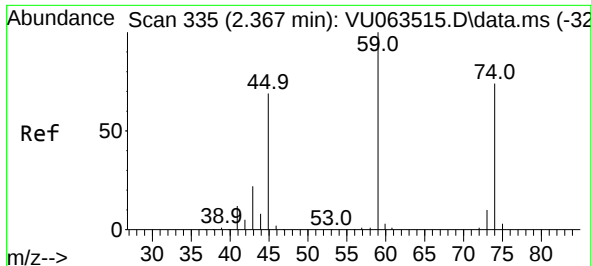
Tgt Ion: 77 Resp: 4608
Ion Ratio Lower Upper
77 100
97 23.0 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.534 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion: 96 Resp: 3365
Ion Ratio Lower Upper
96 100
61 146.6 0.0 384.7
98 58.6 32.1 96.3

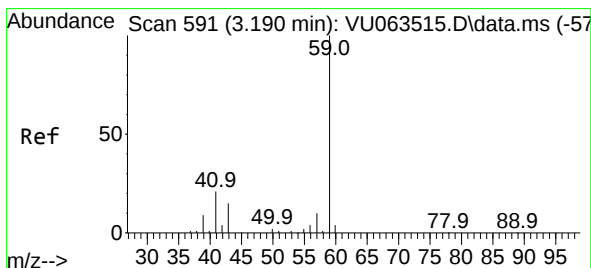
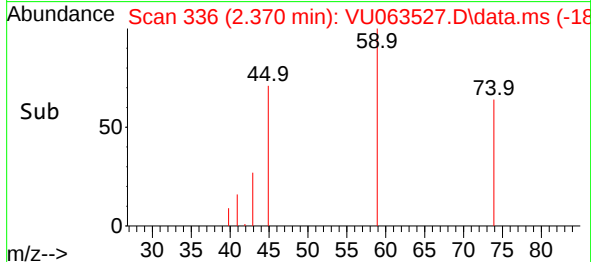
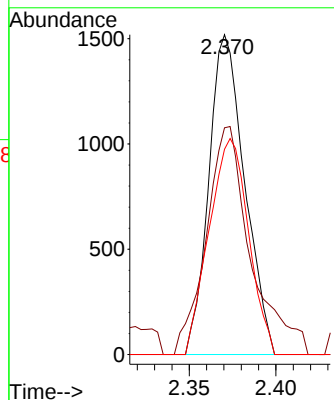
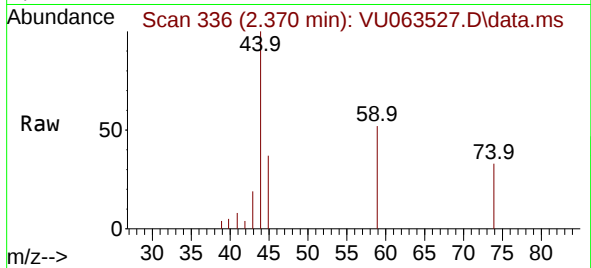




#23
Diethyl Ether
Concen: 0.561 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

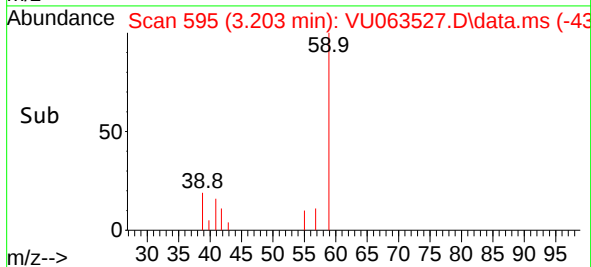
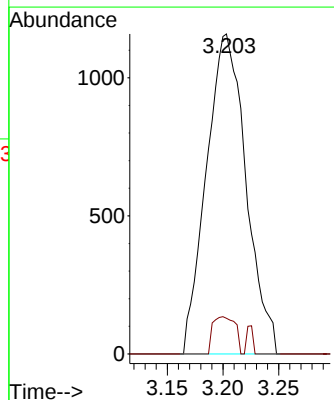
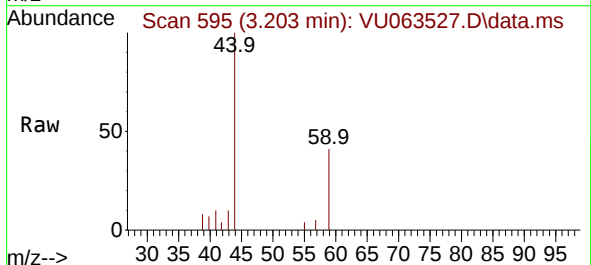
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

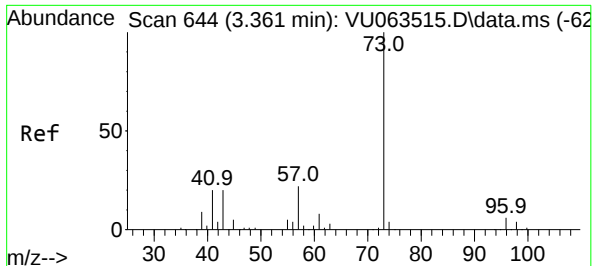
Tgt Ion: 59 Resp: 2185
Ion Ratio Lower Upper
59 100
45 88.5 55.1 82.7#
74 74.2 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 6.110 ug/l
RT: 3.203 min Scan# 595
Delta R.T. 0.013 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion: 59 Resp: 2871
Ion Ratio Lower Upper
59 100
57 6.5 8.6 12.8#

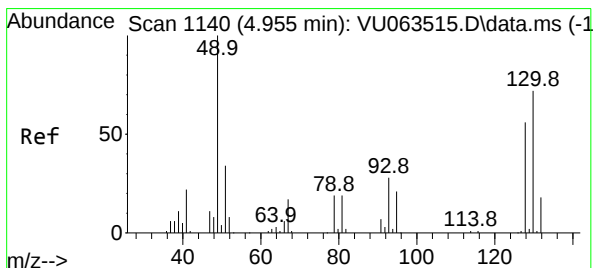
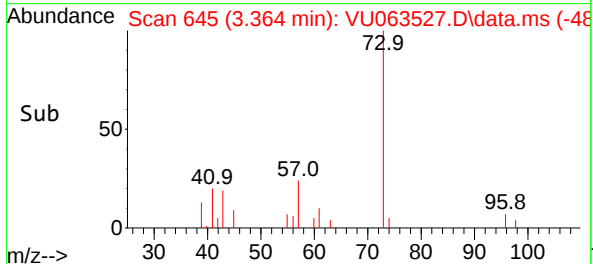
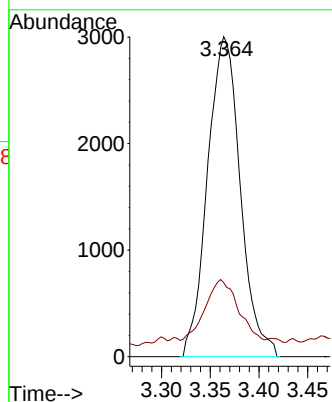
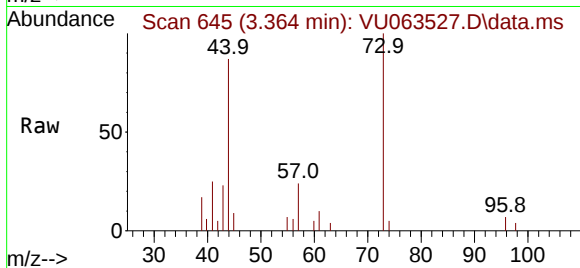




#25
Methyl tert-Butyl Ether
Concen: 0.527 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

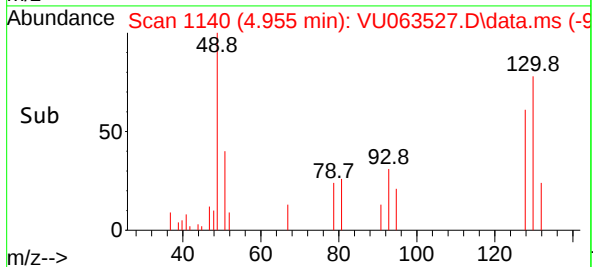
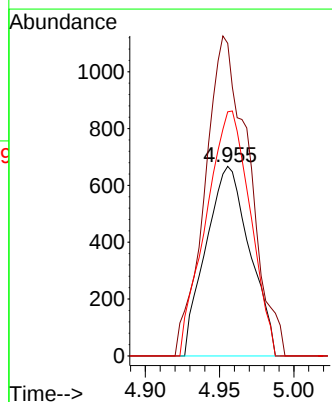
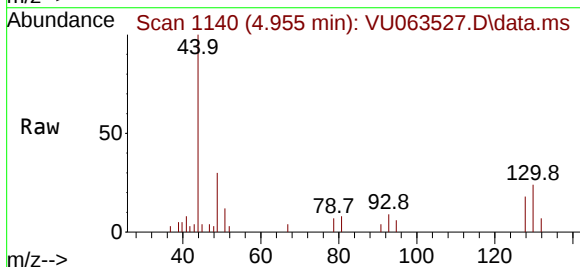
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

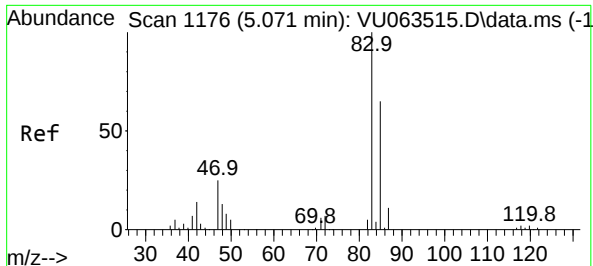
Tgt Ion: 73 Resp: 7031
Ion Ratio Lower Upper
73 100
43 19.3 16.2 24.2



#26
Bromochloromethane
Concen: 0.521 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion: 128 Resp: 1370
Ion Ratio Lower Upper
128 100
49 169.9 0.0 340.8
130 130.6 100.5 150.7





#27

Chloroform

Concen: 0.526 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

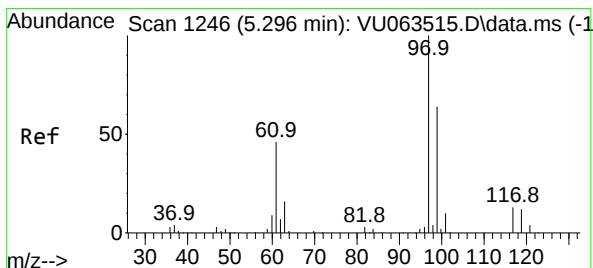
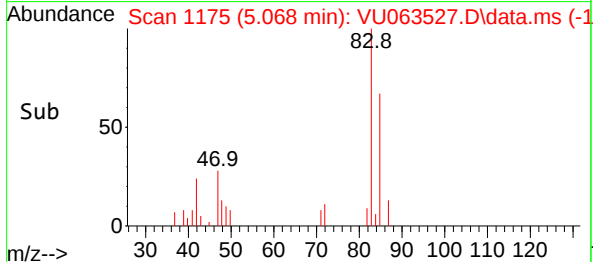
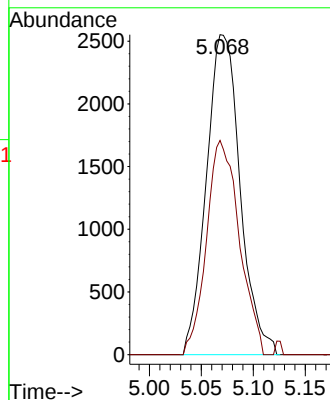
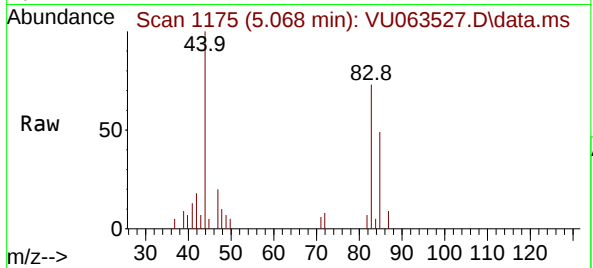
RL-CHECK

Tgt Ion: 83 Resp: 5776

Ion Ratio Lower Upper

83 100

85 67.0 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 0.505 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

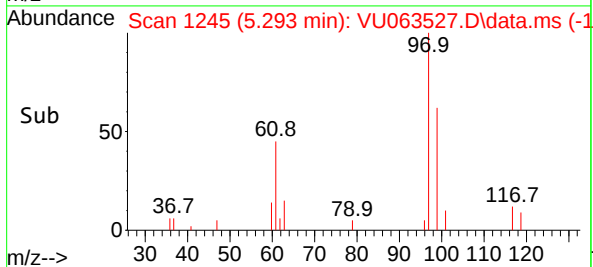
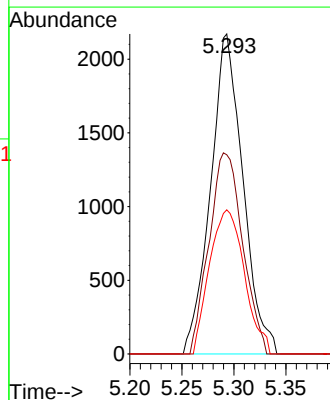
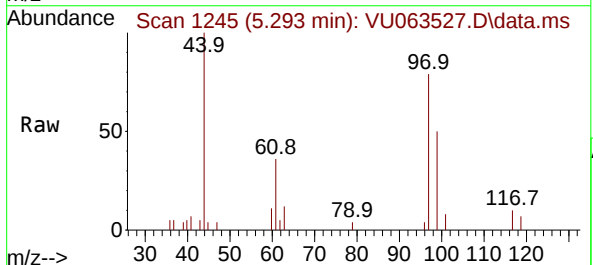
Tgt Ion: 97 Resp: 4703

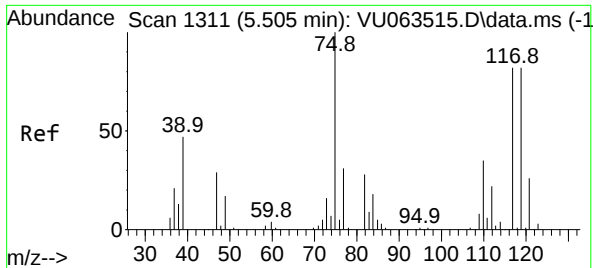
Ion Ratio Lower Upper

97 100

99 65.4 31.8 95.3

61 48.7 23.3 69.9

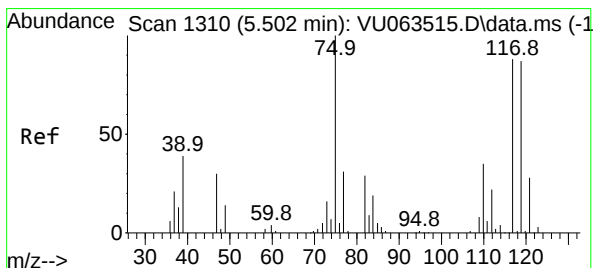
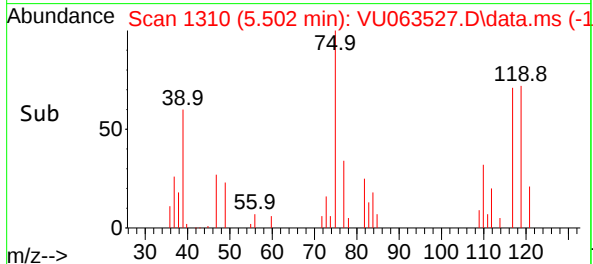
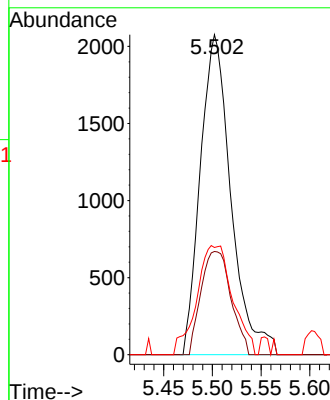
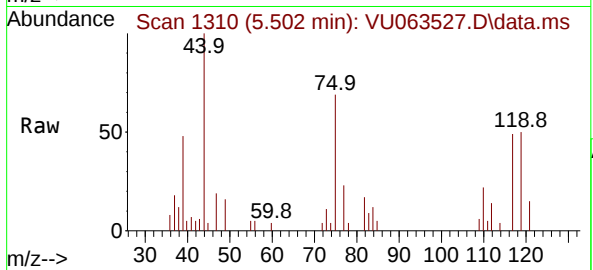




#29
1,1-Dichloropropene
Concen: 0.525 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

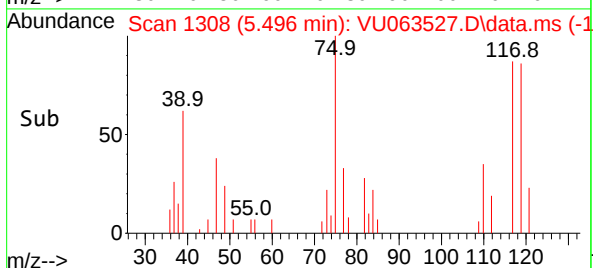
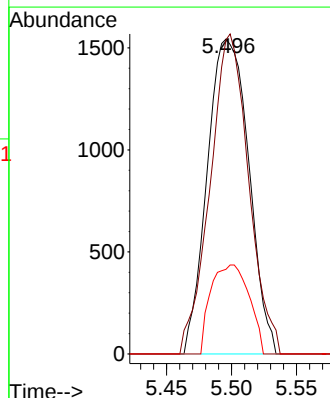
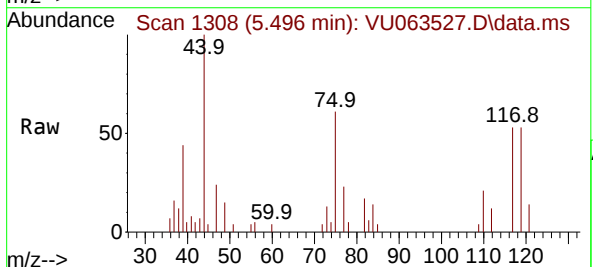
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

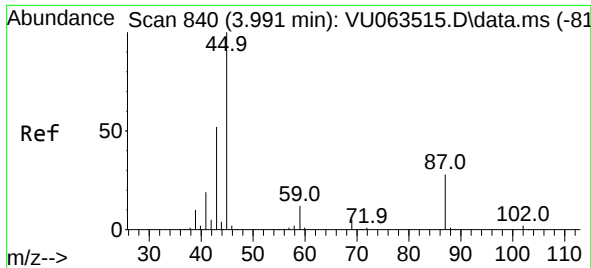
Tgt Ion: 75 Resp: 4533
Ion Ratio Lower Upper
75 100
110 31.6 17.8 53.4
77 39.9 24.6 37.0#



#30
Carbon Tetrachloride
Concen: 0.457 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. -0.006 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion: 117 Resp: 3427
Ion Ratio Lower Upper
117 100
119 99.7 79.2 118.8
121 26.9 25.5 38.3

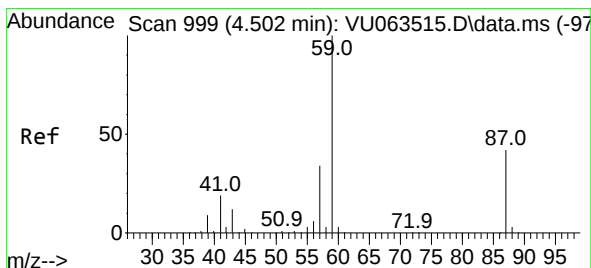
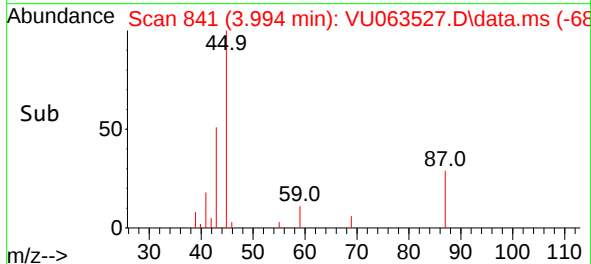
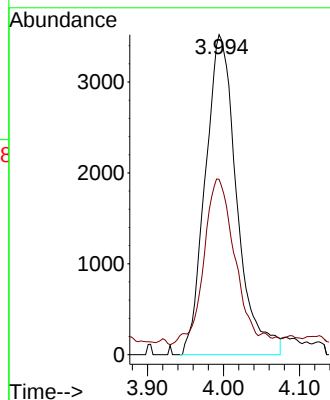
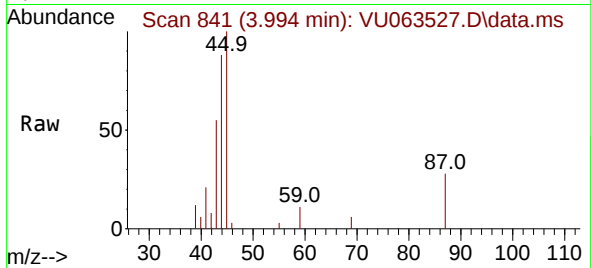




#31
Isopropyl Ether
Concen: 0.623 ug/l
RT: 3.994 min Scan# 84
Delta R.T. 0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

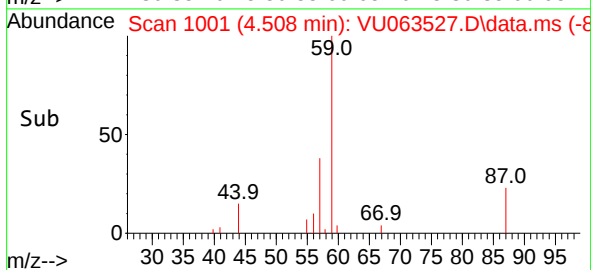
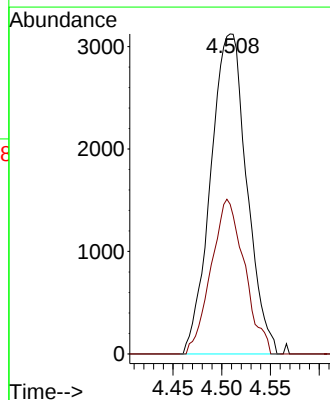
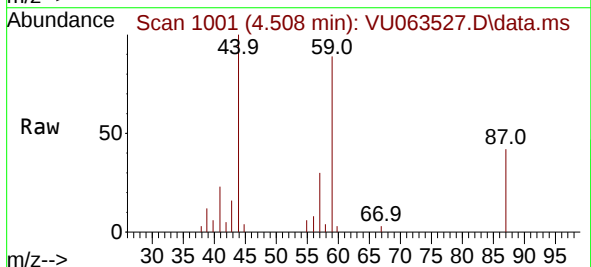
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

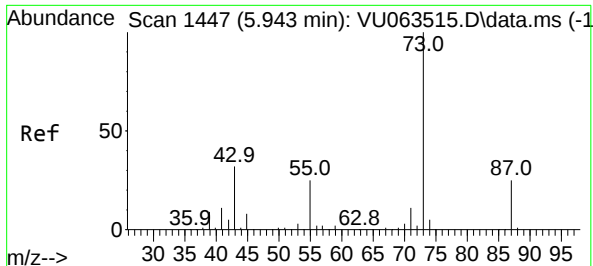
Tgt Ion: 45 Resp: 10112
Ion Ratio Lower Upper
45 100
43 50.1 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 0.536 ug/l
RT: 4.508 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion: 59 Resp: 8051
Ion Ratio Lower Upper
59 100
87 44.7 32.6 49.0

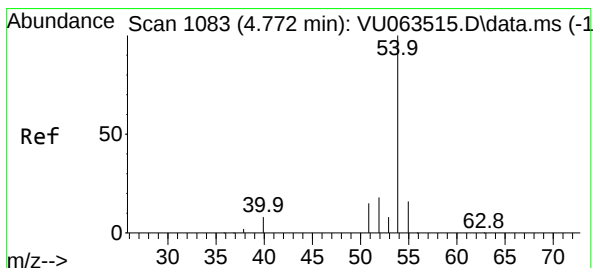
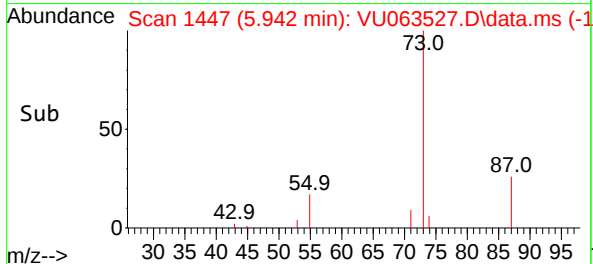
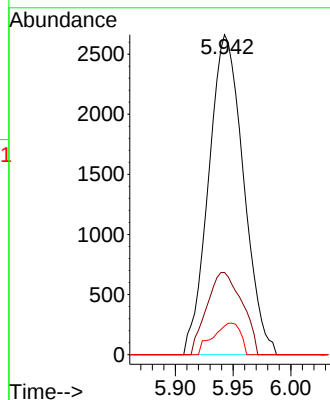
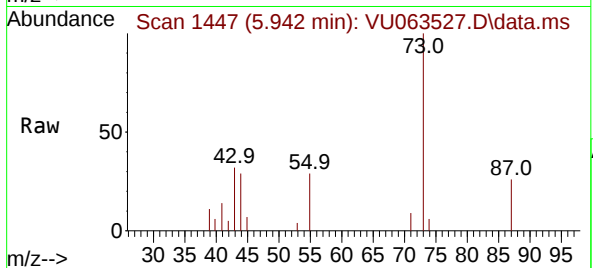




#33
Tert-Amyl methyl ether
Concen: 0.428 ug/l
RT: 5.942 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

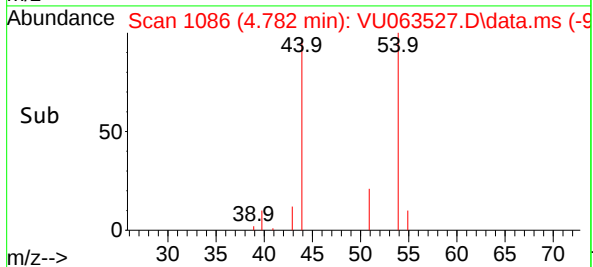
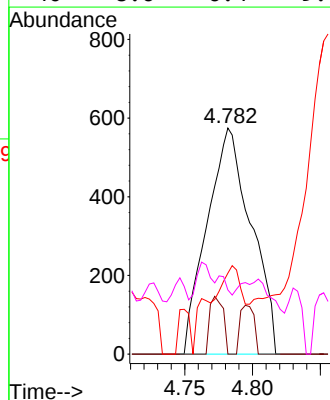
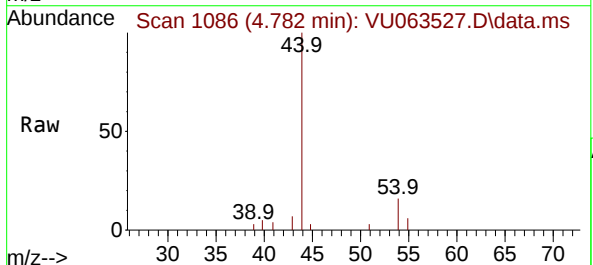
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

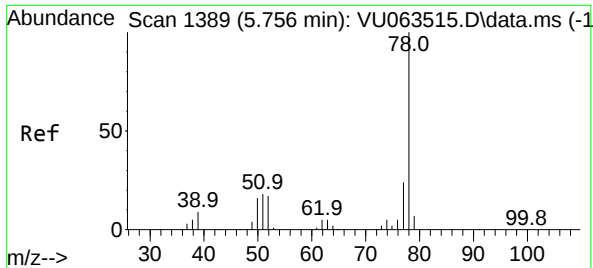
Tgt Ion: 73 Resp: 5578
Ion Ratio Lower Upper
73 100
87 26.0 19.4 29.2
71 7.7 8.9 13.3#



#34
Propionitrile
Concen: 2.698 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. 0.010 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion: 54 Resp: 1303
Ion Ratio Lower Upper
54 100
52 6.8 17.0 25.4#
55 30.7 13.6 20.4#
40 8.6 6.4 9.6

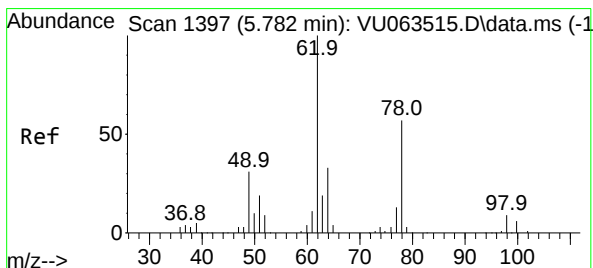
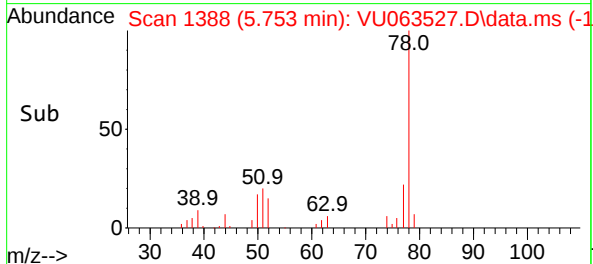
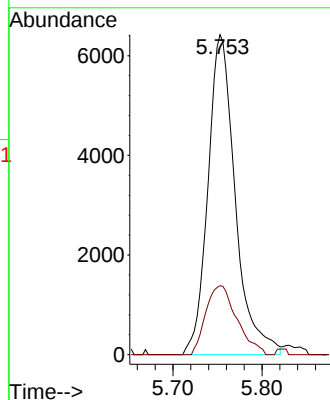
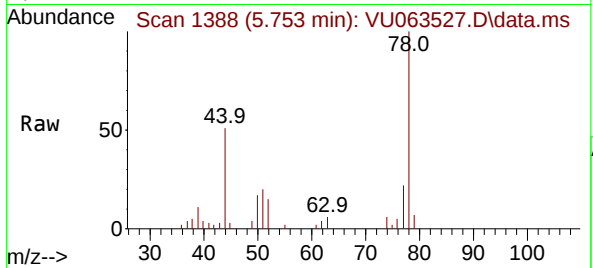




#35
Benzene
Concen: 0.590 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

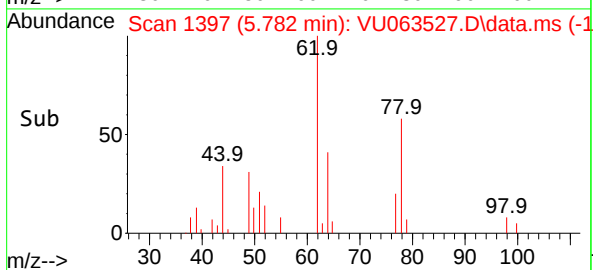
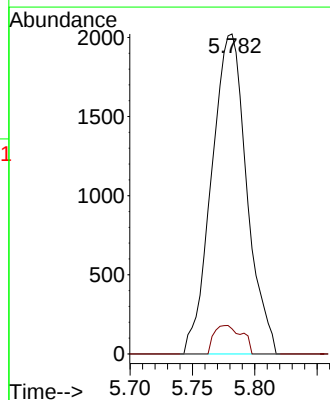
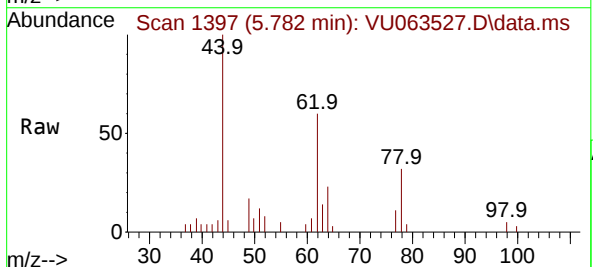
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

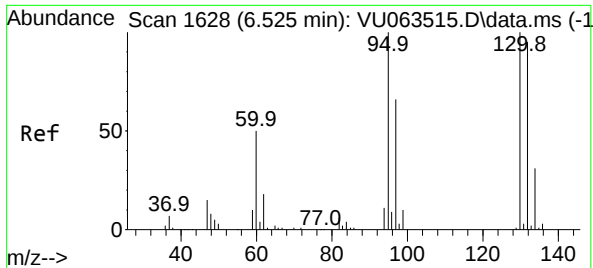
Tgt Ion: 78 Resp: 13676
Ion Ratio Lower Upper
78 100
77 21.5 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.551 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion: 62 Resp: 3971
Ion Ratio Lower Upper
62 100
98 7.1 6.4 9.6





#37

Trichloroethene

Concen: 0.403 ug/l

RT: 6.528 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

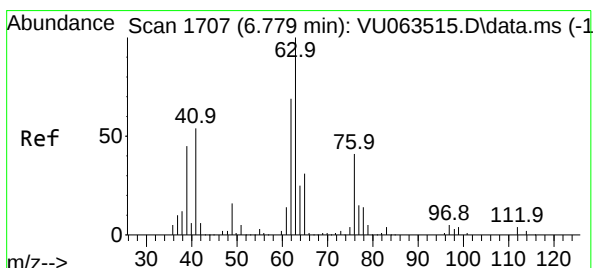
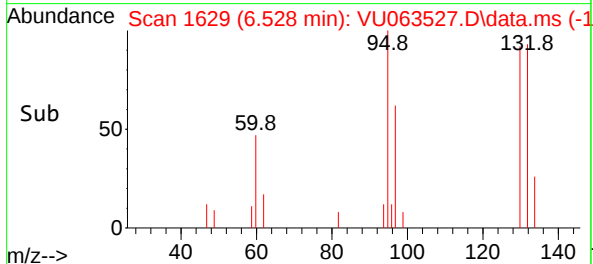
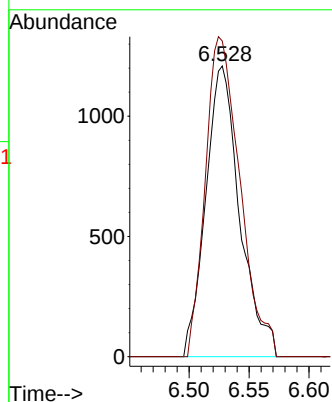
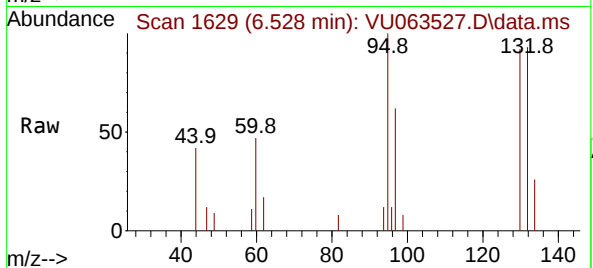
RL-CHECK

Tgt Ion:130 Resp: 2386

Ion Ratio Lower Upper

130 100

95 108.6 80.3 120.5



#38

1,2-Dichloropropane

Concen: 0.464 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU063527.D

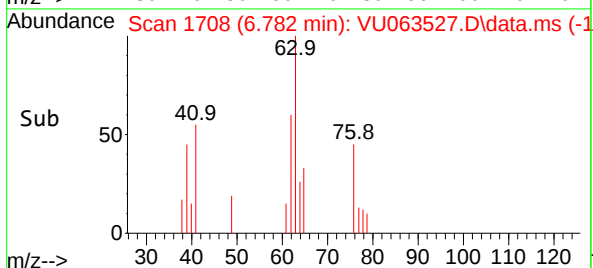
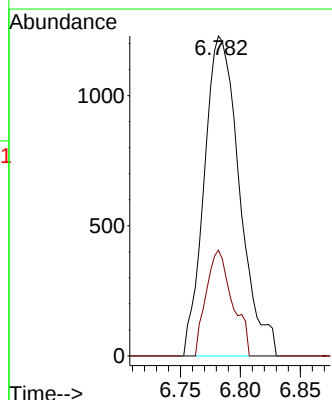
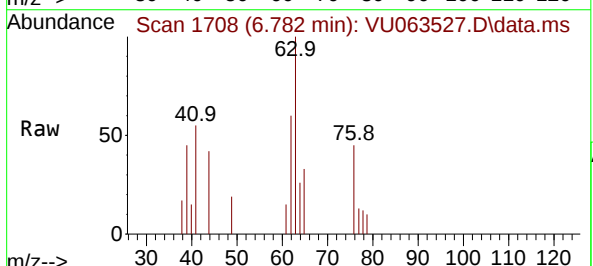
Acq: 17 Jul 2025 16:18

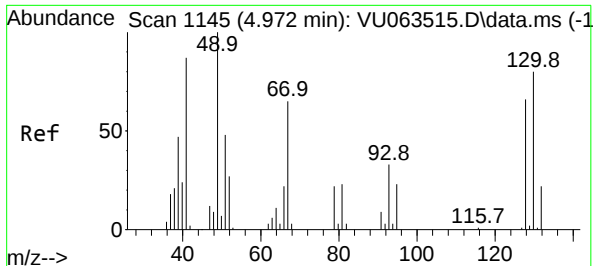
Tgt Ion: 63 Resp: 2516

Ion Ratio Lower Upper

63 100

65 33.0 24.6 36.8

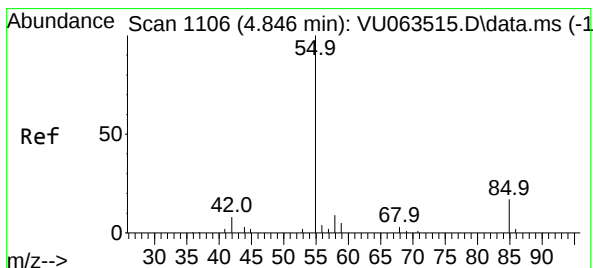
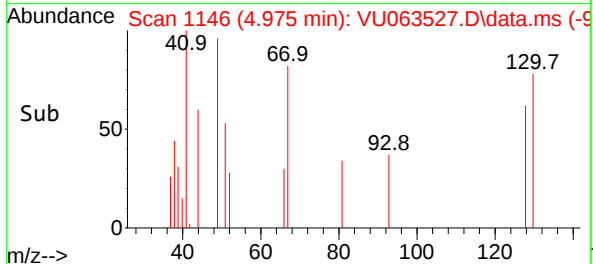
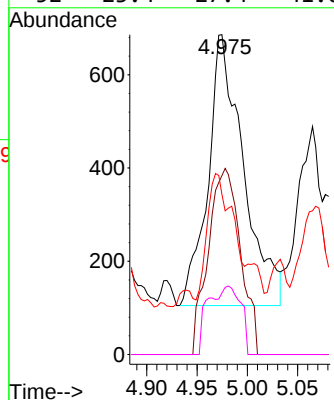
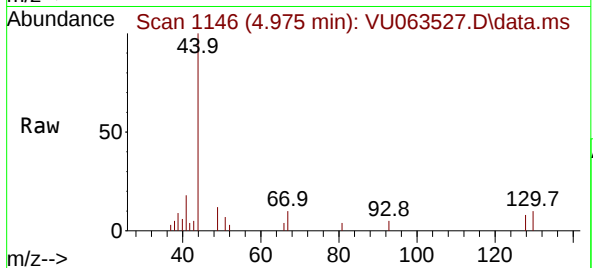




#39
Methacrylonitrile
Concen: 0.662 ug/l
RT: 4.975 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

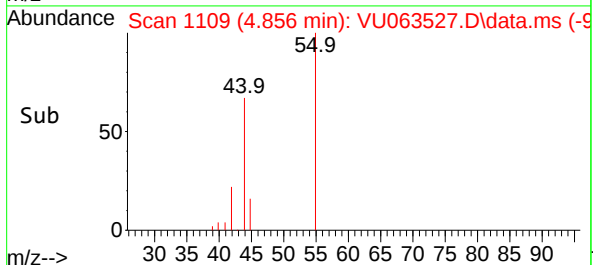
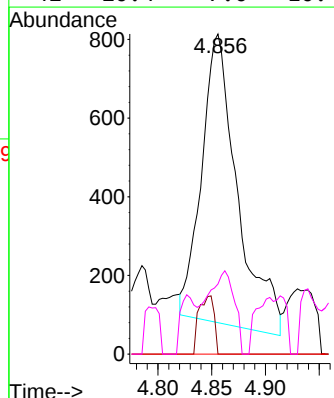
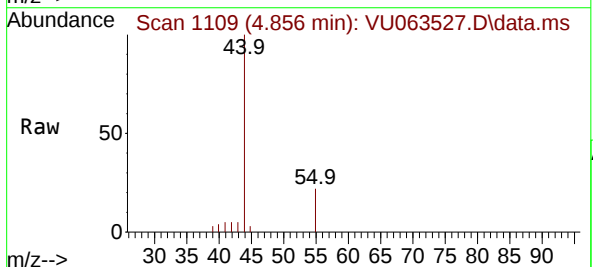
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

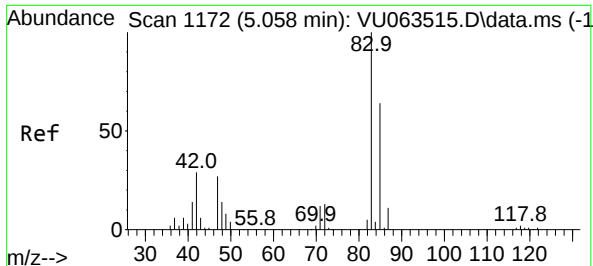
Tgt Ion:	41	Resp:	1421
Ion	Ratio	Lower	Upper
41	100		
67	62.6	62.7	94.1#
39	33.5	43.1	64.7#
52	23.4	27.4	41.0#



#40
Methyl acrylate
Concen: 0.541 ug/l
RT: 4.856 min Scan# 1109
Delta R.T. 0.010 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion:	55	Resp:	1697
Ion	Ratio	Lower	Upper
55	100		
85	8.5	12.8	19.2#
58	0.0	7.0	10.4#
42	20.4	7.0	10.4#





#41

Tetrahydrofuran

Concen: 1.470 ug/l

RT: 5.065 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

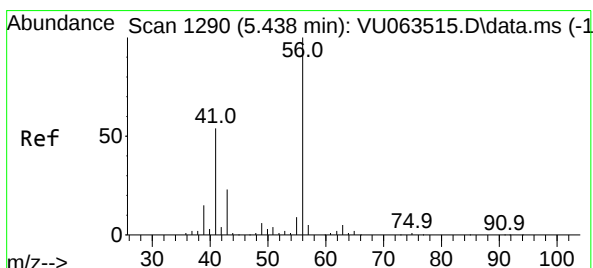
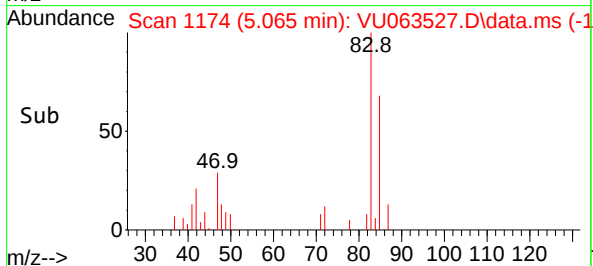
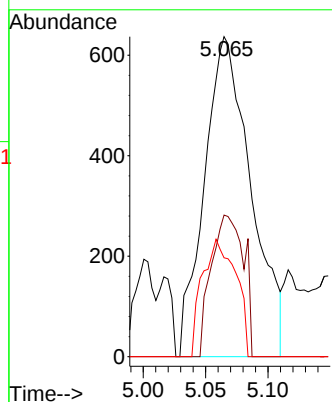
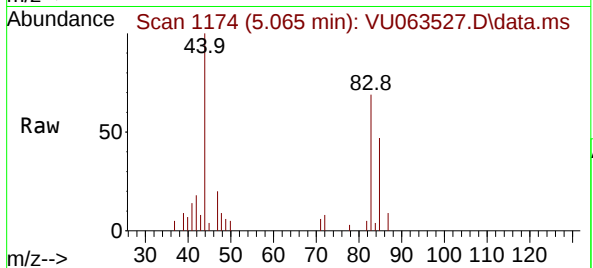
Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion:	42	Resp:	1660
Ion	Ratio	Lower	Upper
42	100		
72	30.8	39.2	58.8#
71	26.3	34.8	52.2#



#42

1-Chlorobutane

Concen: 0.515 ug/l

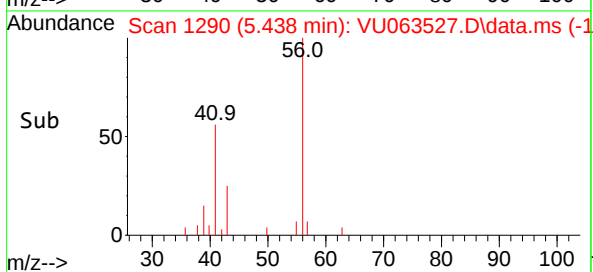
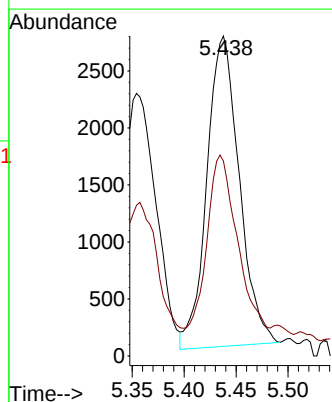
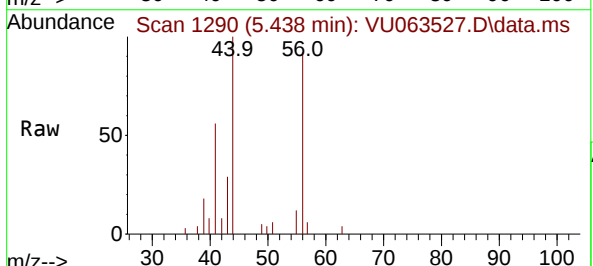
RT: 5.438 min Scan# 1290

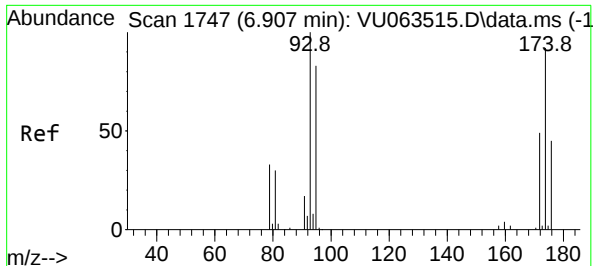
Delta R.T. -0.000 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Tgt Ion:	56	Resp:	5906
Ion	Ratio	Lower	Upper
56	100		
41	52.1	26.7	80.0





#43

Dibromomethane

Concen: 0.444 ug/l

RT: 6.914 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

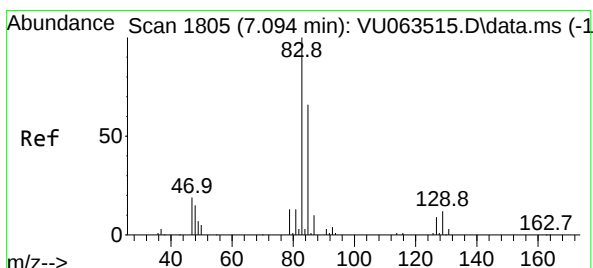
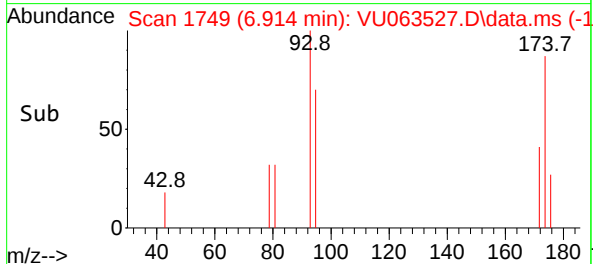
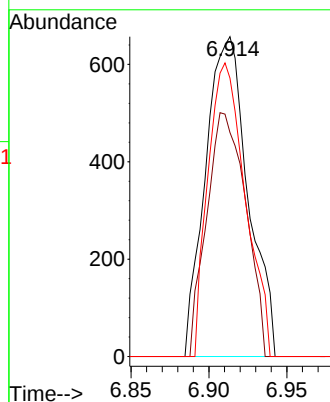
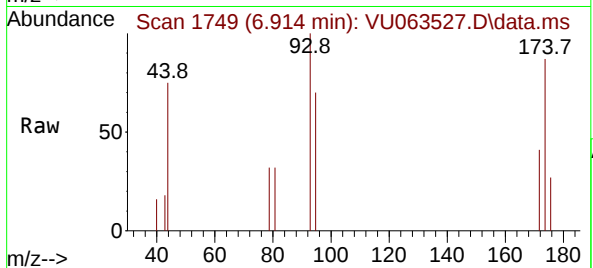
Tgt Ion: 93 Resp: 1249

Ion Ratio Lower Upper

93 100

95 70.1 67.9 101.9

174 80.4 74.6 111.8



#44

Bromodichloromethane

Concen: 0.391 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

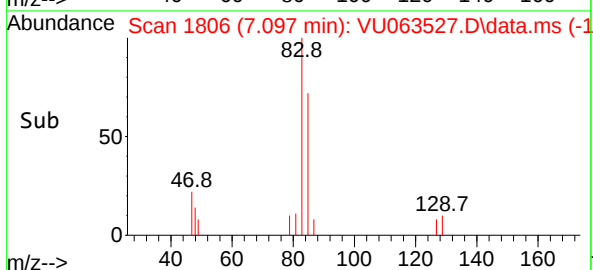
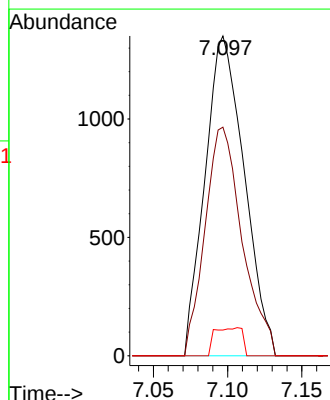
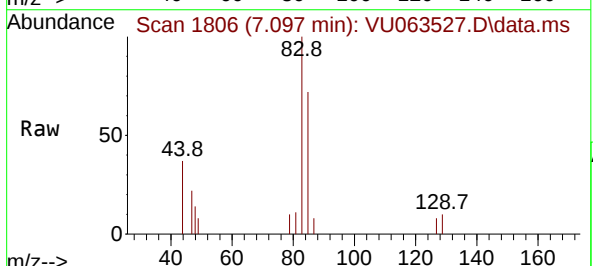
Tgt Ion: 83 Resp: 2481

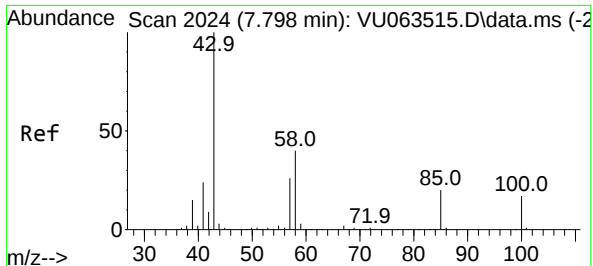
Ion Ratio Lower Upper

83 100

85 71.5 52.7 79.1

127 8.1 8.1 12.1#

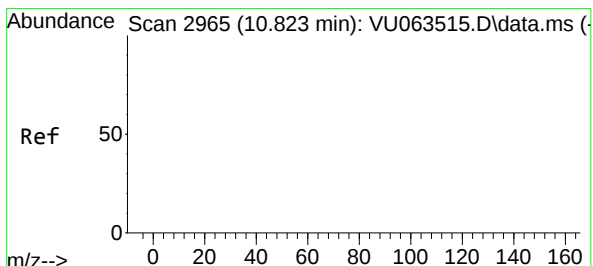
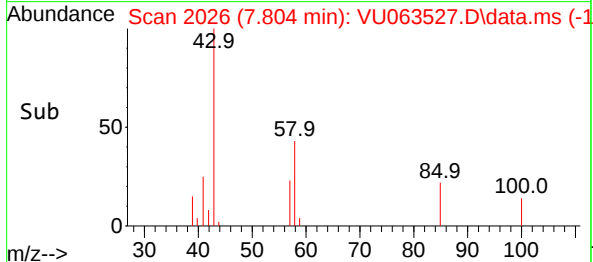
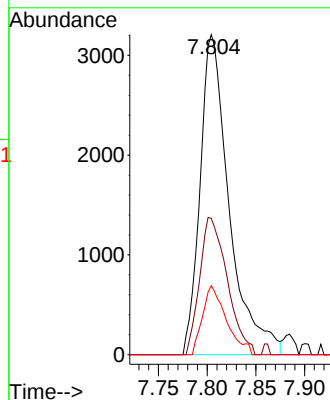
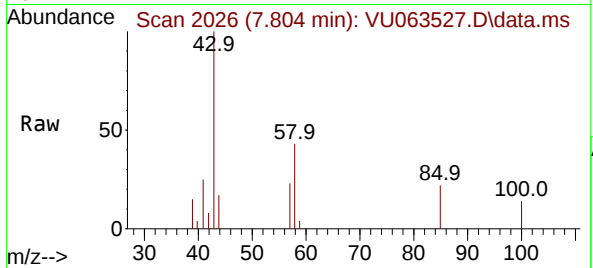




#45
4-Methyl-2-Pentanone
Concen: 2.301 ug/l
RT: 7.804 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

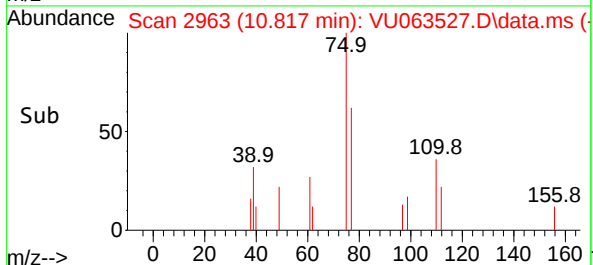
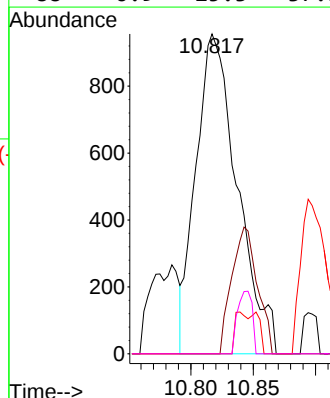
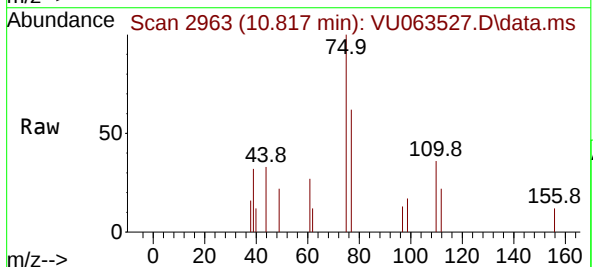
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

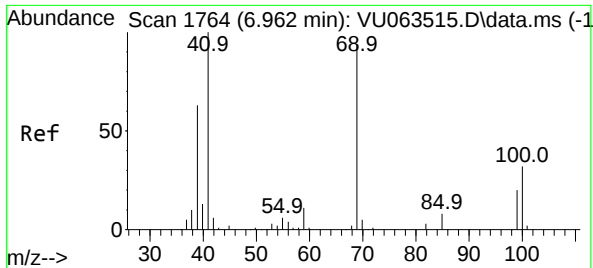
Tgt Ion: 43 Resp: 6666
Ion Ratio Lower Upper
43 100
58 40.5 20.0 60.0
85 17.6 15.4 23.0



#46
t-1,4-Dichloro-2-butene
Concen: 2.032 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.006 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion: 75 Resp: 2210
Ion Ratio Lower Upper
75 100
53 24.6 48.4 72.6#
89 4.1 30.6 45.8#
88 6.9 25.3 37.9#





#47

Methyl methacrylate

Concen: 0.757 ug/l

RT: 6.975 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 69 Resp: 1787

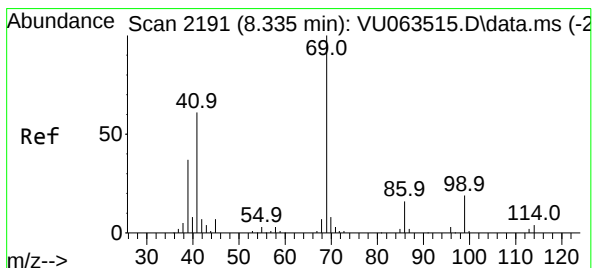
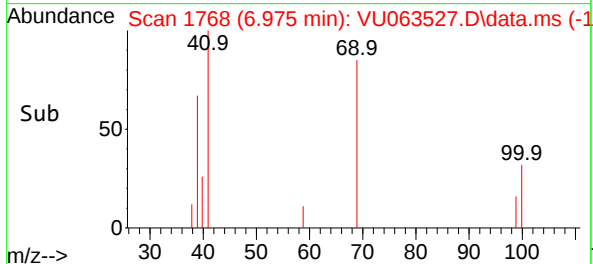
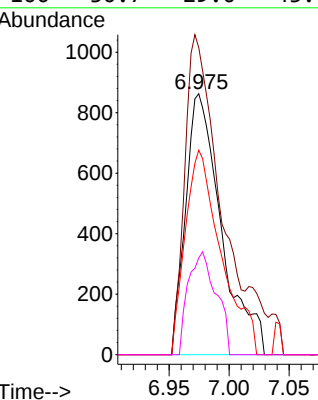
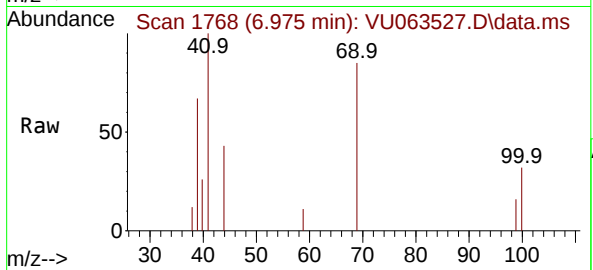
Ion Ratio Lower Upper

69 100

41 116.6 0.0 224.0

39 78.6 55.3 82.9

100 30.7 29.0 43.6



#48

Ethyl methacrylate

Concen: 0.404 ug/l

RT: 8.344 min Scan# 2194

Delta R.T. 0.010 min

Lab File: VU063527.D

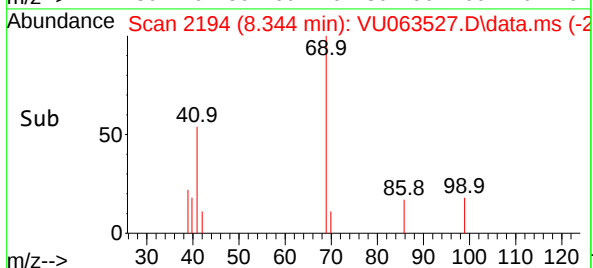
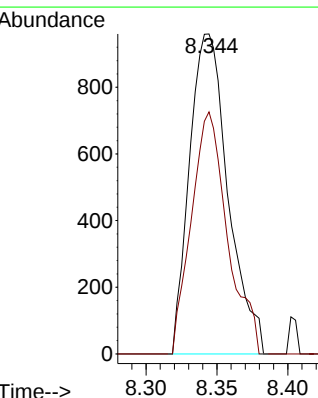
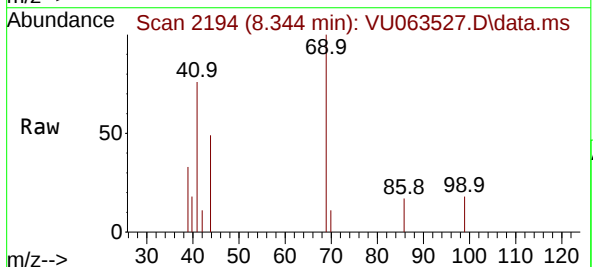
Acq: 17 Jul 2025 16:18

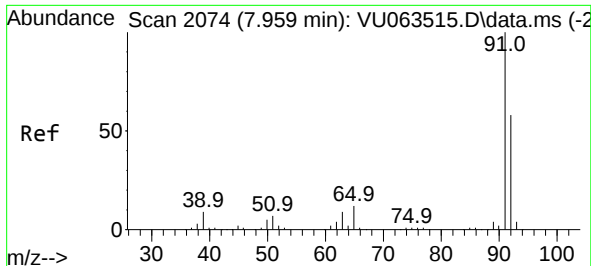
Tgt Ion: 69 Resp: 1819

Ion Ratio Lower Upper

69 100

41 70.8 30.8 92.4





#49

Toluene

Concen: 0.457 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

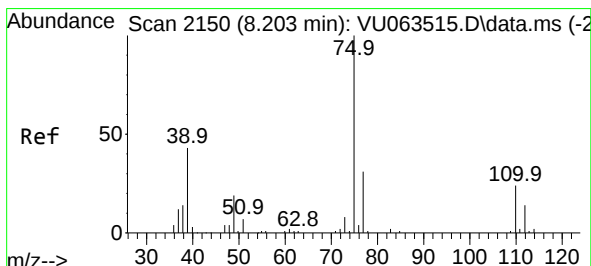
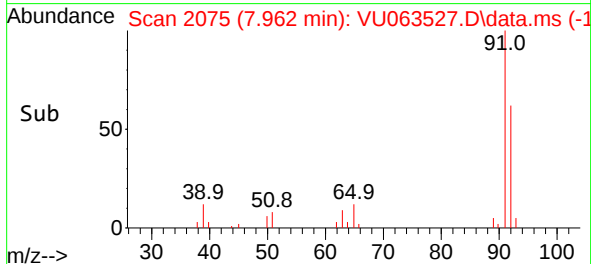
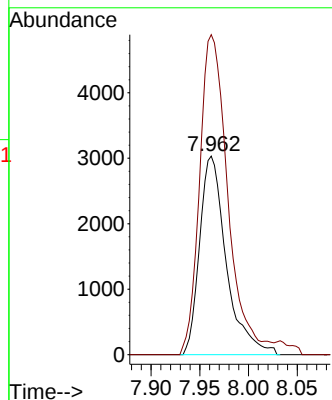
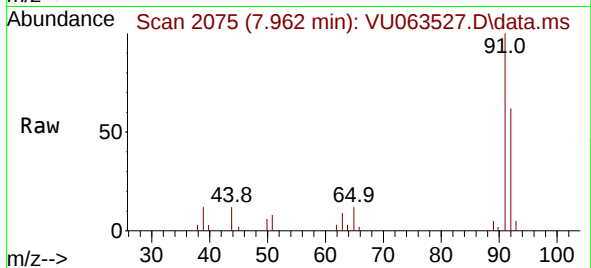
RL-CHECK

Tgt Ion: 92 Resp: 5780

Ion Ratio Lower Upper

92 100

91 170.9 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 0.343 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063527.D

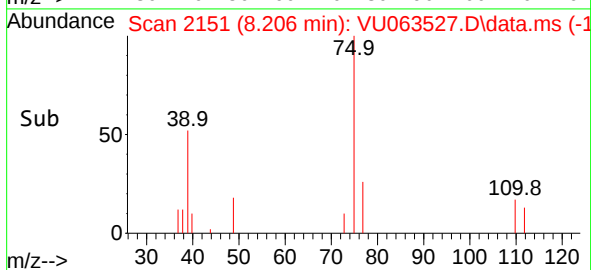
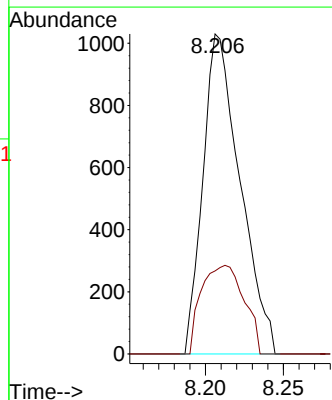
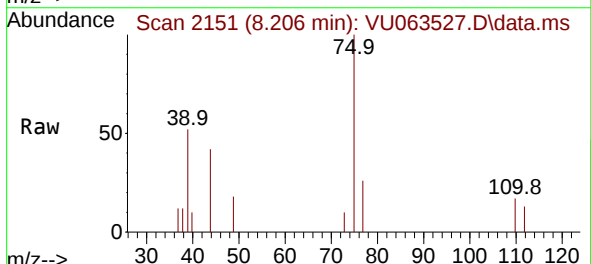
Acq: 17 Jul 2025 16:18

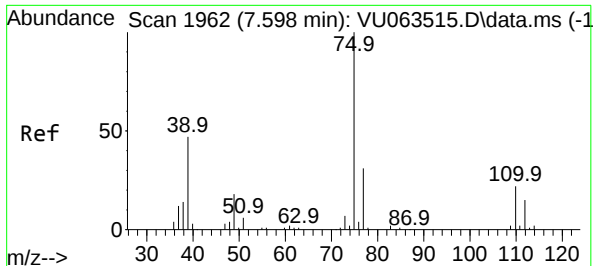
Tgt Ion: 75 Resp: 1708

Ion Ratio Lower Upper

75 100

77 25.9 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 0.343 ug/l

RT: 7.605 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

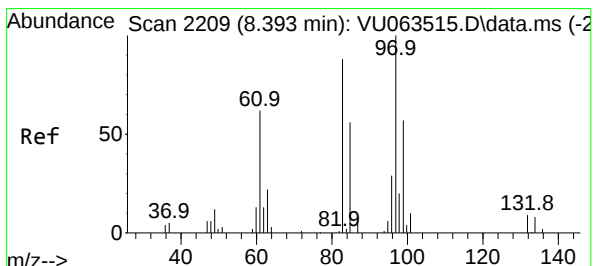
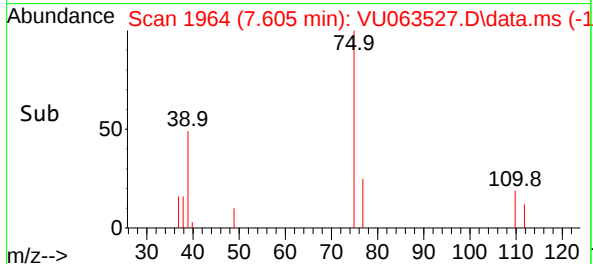
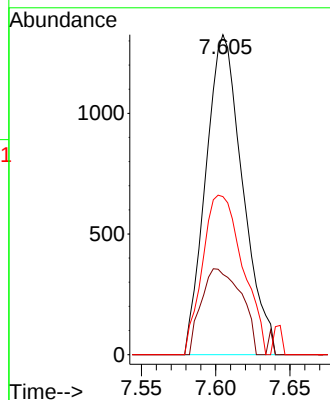
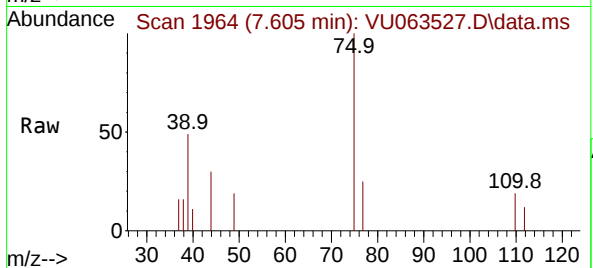
Tgt Ion: 75 Resp: 2287

Ion Ratio Lower Upper

75 100

77 25.1 25.1 37.7#

39 49.4 37.8 56.6



#52

1,1,2-Trichloroethane

Concen: 0.451 ug/l

RT: 8.399 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Tgt Ion: 97 Resp: 1706

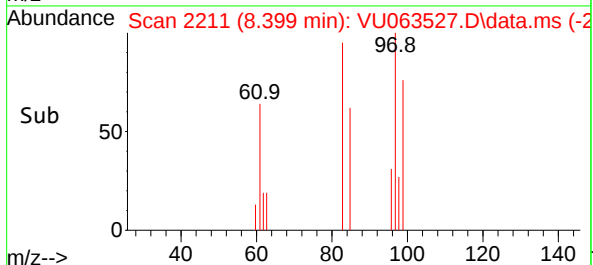
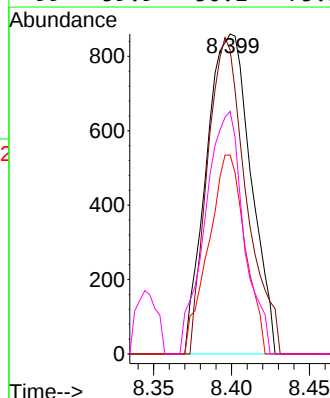
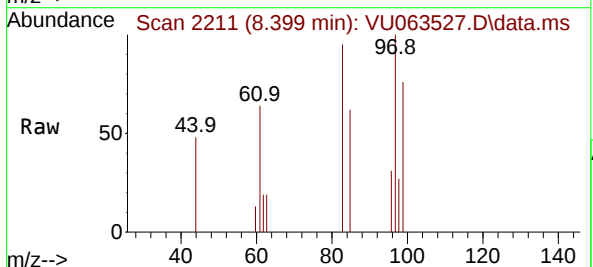
Ion Ratio Lower Upper

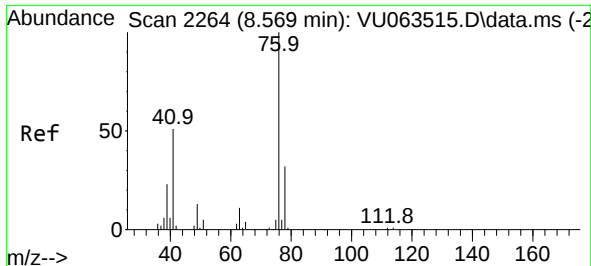
97 100

83 75.0 70.2 105.2

85 49.1 45.2 67.8

99 59.9 50.1 75.1





#53

1,3-Dichloropropane

Concen: 0.467 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

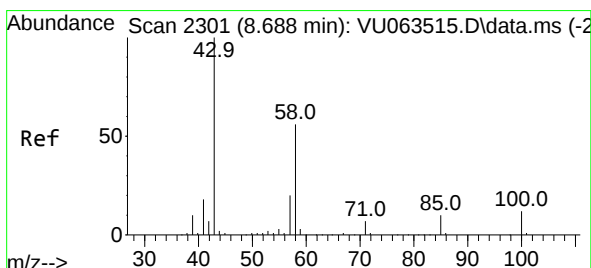
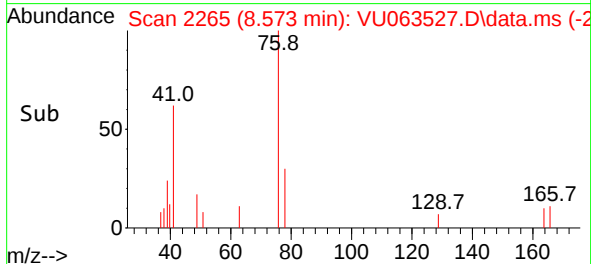
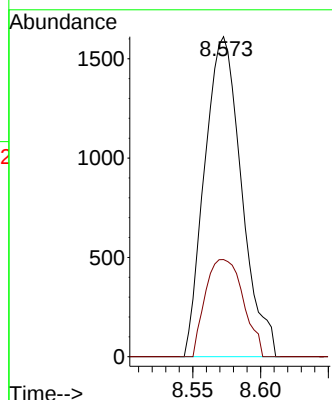
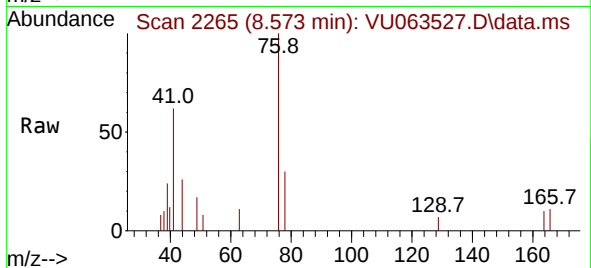
RL-CHECK

Tgt Ion: 76 Resp: 3048

Ion Ratio Lower Upper

76 100

78 31.1 26.0 39.0



#54

2-Hexanone

Concen: 2.067 ug/l

RT: 8.704 min Scan# 2306

Delta R.T. 0.016 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

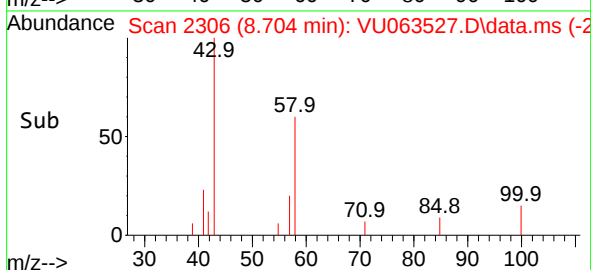
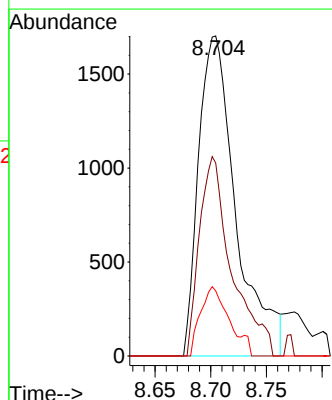
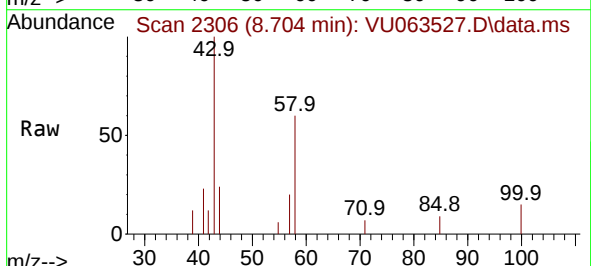
Tgt Ion: 43 Resp: 3976

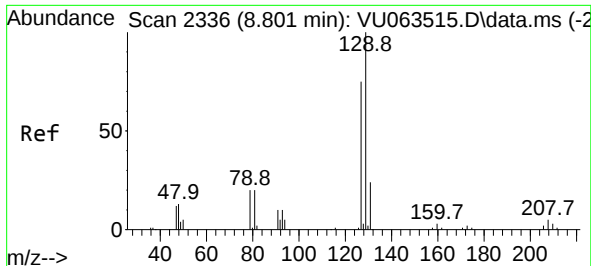
Ion Ratio Lower Upper

43 100

58 53.5 34.8 74.8

57 16.7 0.0 39.5

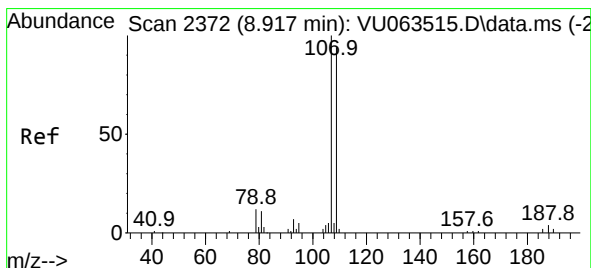
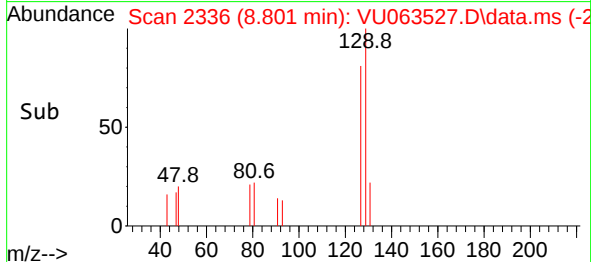
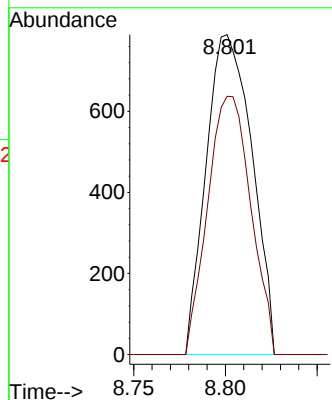
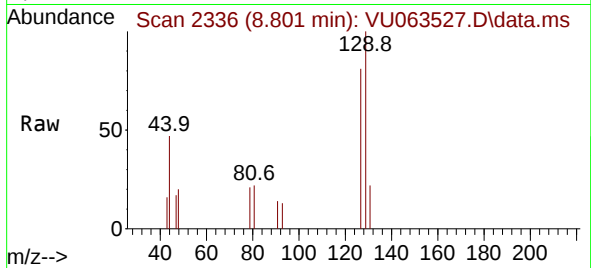




#55
 Dibromochloromethane
 Concen: 0.344 ug/l
 RT: 8.801 min Scan# 2136
 Delta R.T. -0.000 min
 Lab File: VU063527.D
 Acq: 17 Jul 2025 16:18

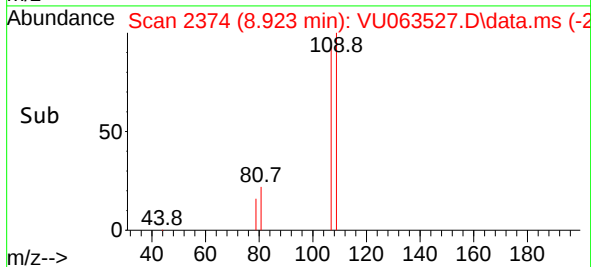
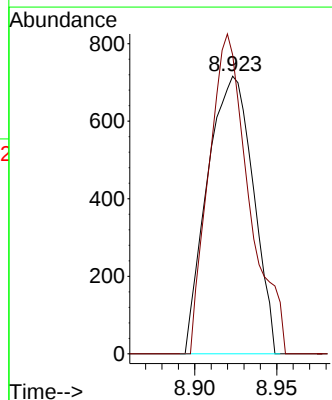
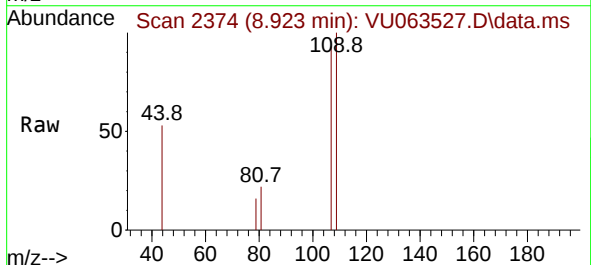
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

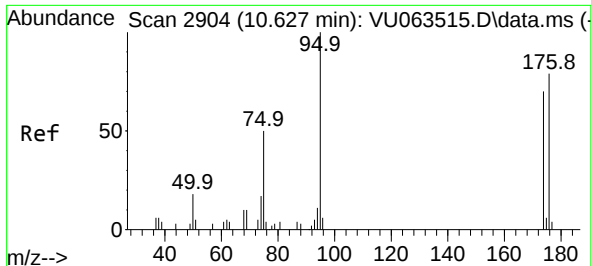
Tgt Ion:129 Resp: 1374
 Ion Ratio Lower Upper
 129 100
 127 75.9 60.1 90.1



#56
 1,2-Dibromoethane
 Concen: 0.409 ug/l
 RT: 8.923 min Scan# 2374
 Delta R.T. 0.006 min
 Lab File: VU063527.D
 Acq: 17 Jul 2025 16:18

Tgt Ion:107 Resp: 1386
 Ion Ratio Lower Upper
 107 100
 109 101.3 0.0 186.4





#57

4-Bromofluorobenzene

Concen: 1.014 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

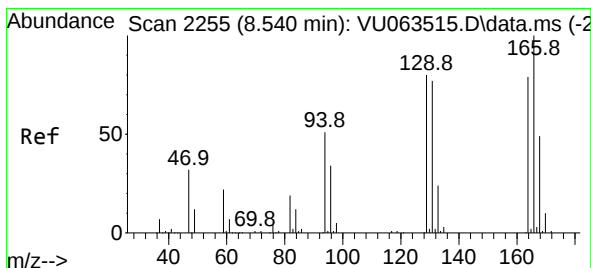
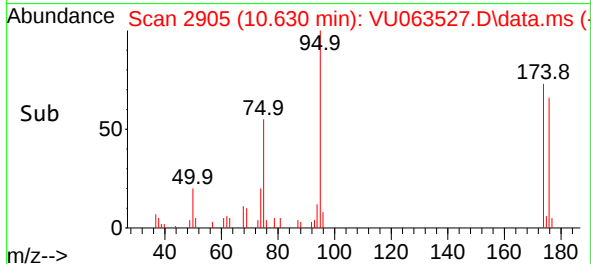
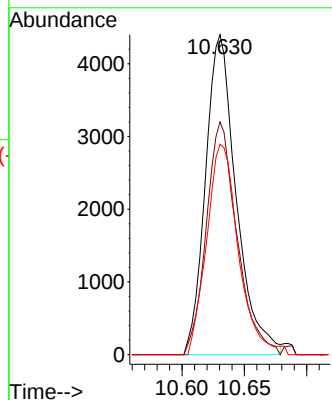
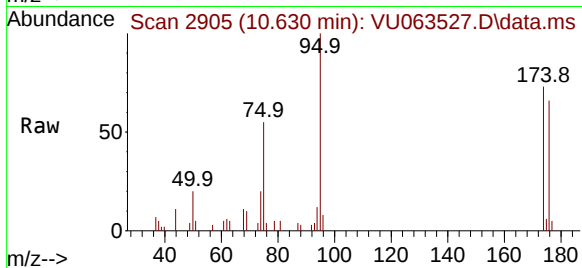
Tgt Ion: 95 Resp: 7554

Ion Ratio Lower Upper

95 100

174 72.5 59.8 89.8

176 67.9 61.8 92.8



#58

Tetrachloroethene

Concen: 0.481 ug/l

RT: 8.540 min Scan# 2255

Delta R.T. -0.000 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Tgt Ion: 164 Resp: 2606

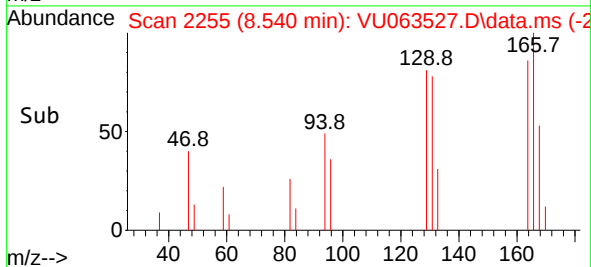
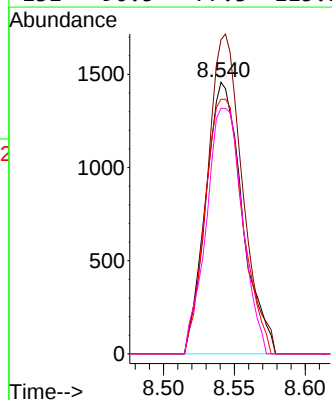
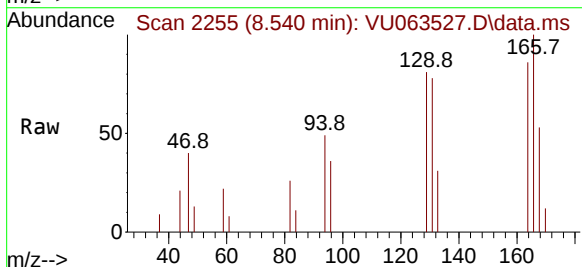
Ion Ratio Lower Upper

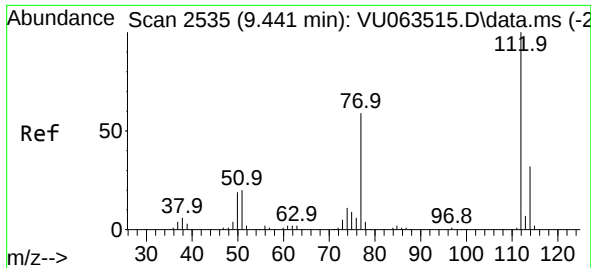
164 100

166 115.6 100.7 151.1

129 93.8 80.6 120.8

131 90.5 77.3 115.9

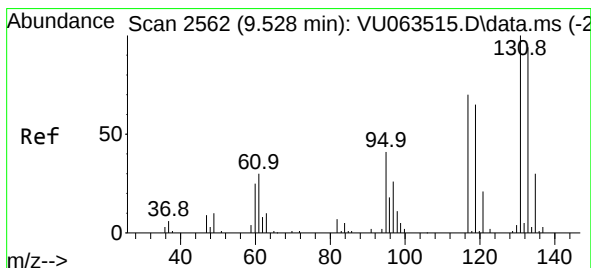
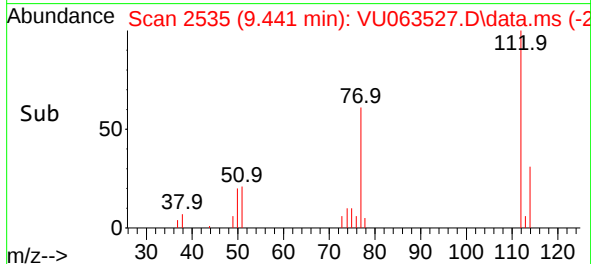
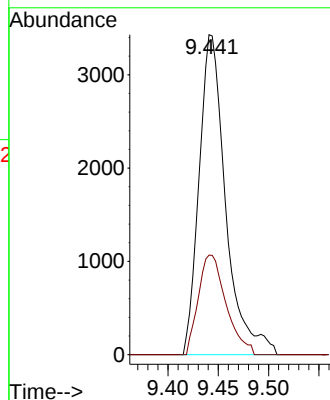
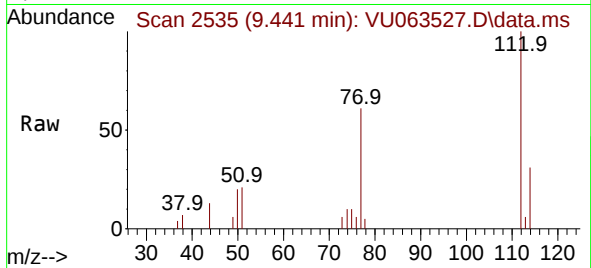




#59
Chlorobenzene
Concen: 0.434 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

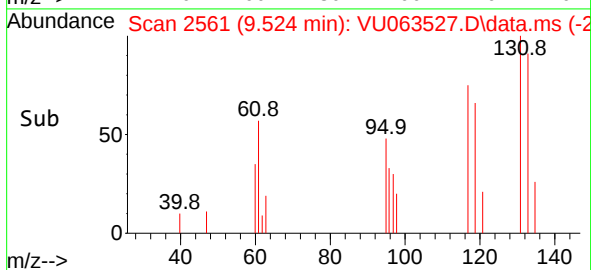
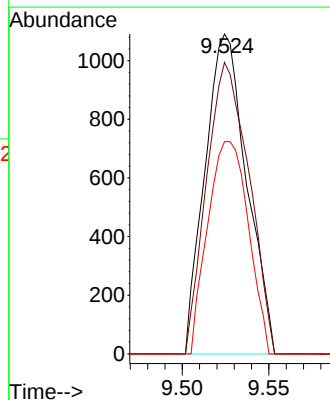
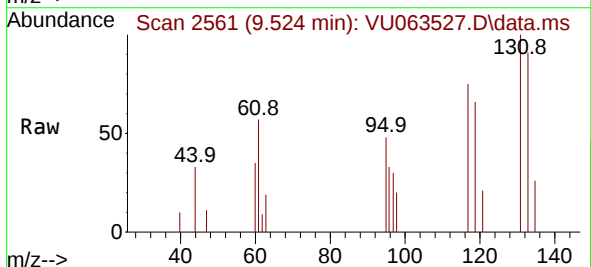
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

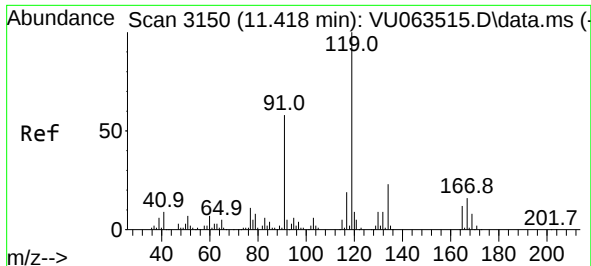
Tgt Ion:112 Resp: 6304
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 0.390 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion:131 Resp: 1822
Ion Ratio Lower Upper
131 100
133 92.8 74.7 112.1
119 64.8 53.0 79.4

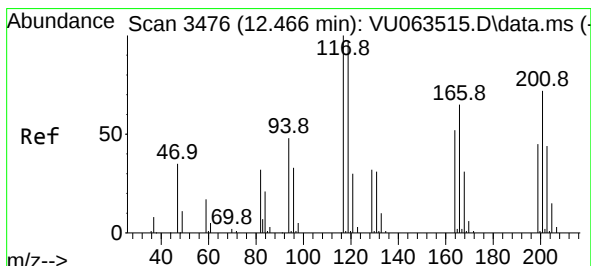
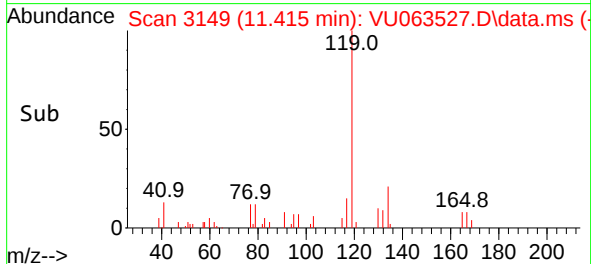
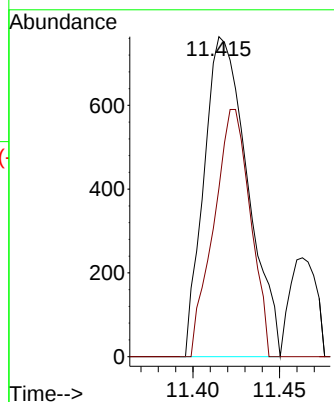
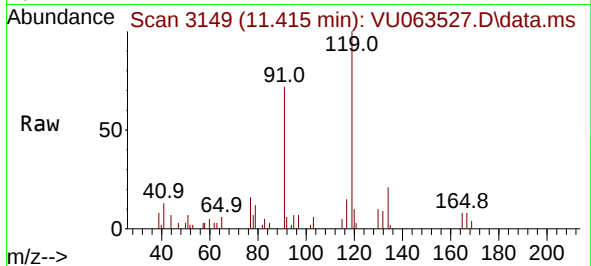




#61
Pentachloroethane
Concen: 0.405 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

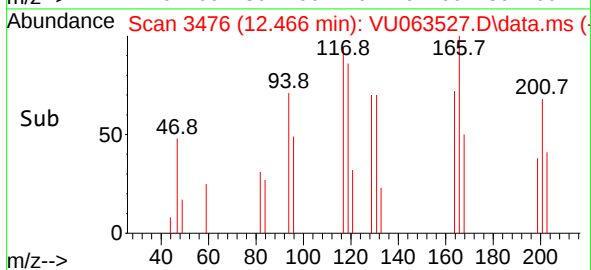
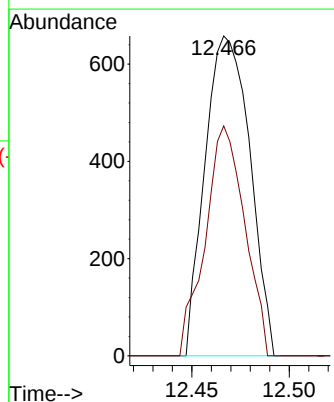
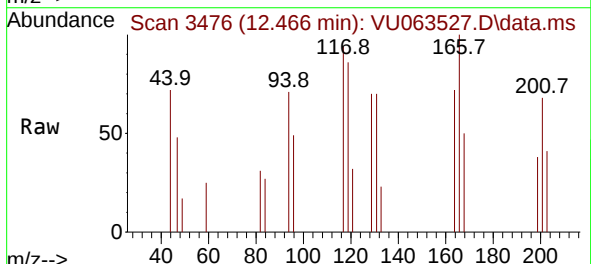
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

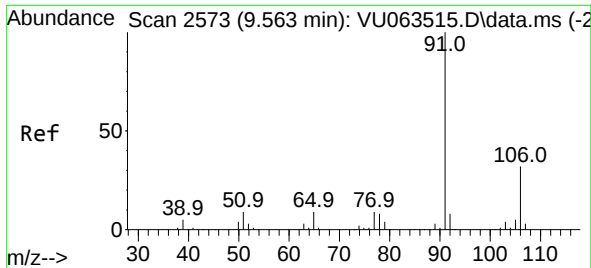
Tgt Ion:117 Resp: 1338
Ion Ratio Lower Upper
117 100
167 64.7 65.0 97.6#



#62
Hexachloroethane
Concen: 0.322 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion:117 Resp: 1054
Ion Ratio Lower Upper
117 100
201 63.2 57.4 86.0

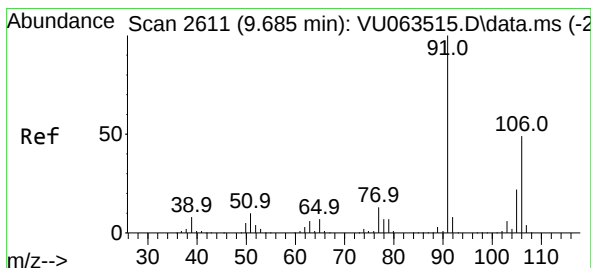
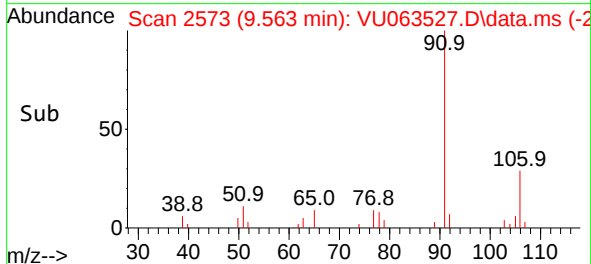
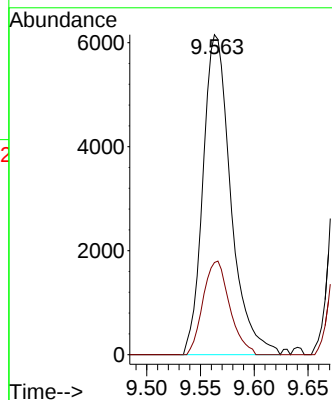
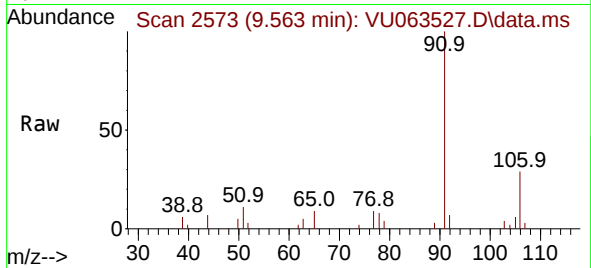




#63
Ethyl Benzene
Concen: 0.443 ug/l
RT: 9.563 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

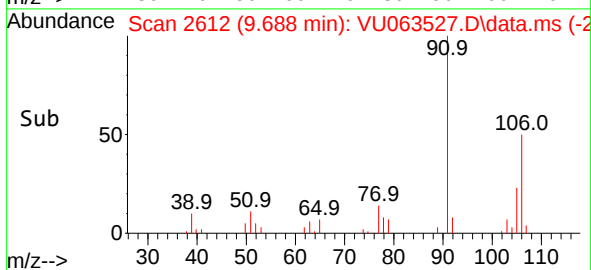
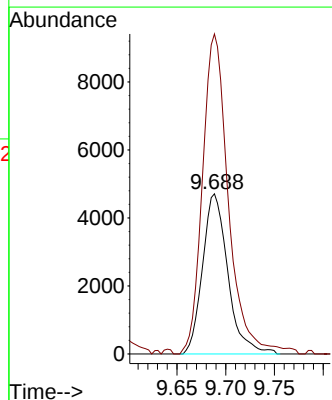
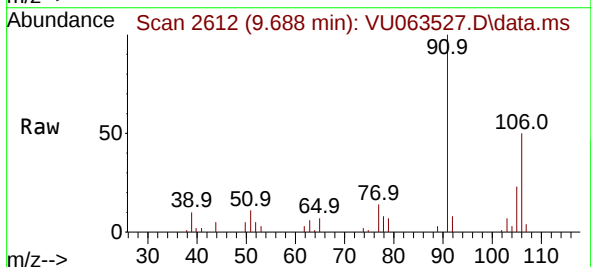
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

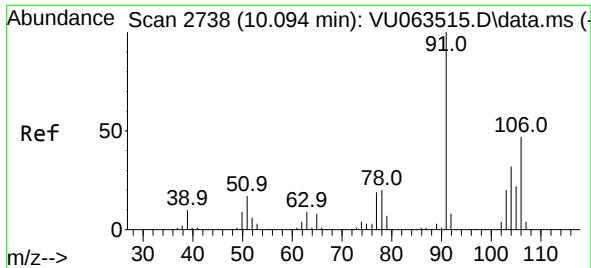
Tgt Ion: 91 Resp: 11087
Ion Ratio Lower Upper
91 100
106 28.8 25.4 38.0



#64
m/p-Xylenes
Concen: 0.875 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion:106 Resp: 8507
Ion Ratio Lower Upper
106 100
91 205.2 163.6 245.4

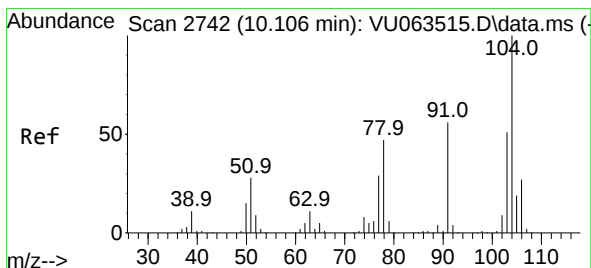
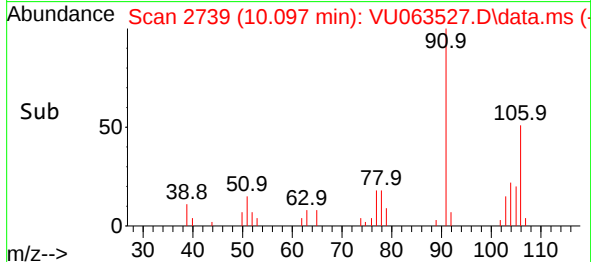
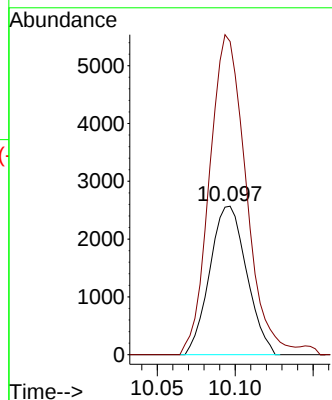
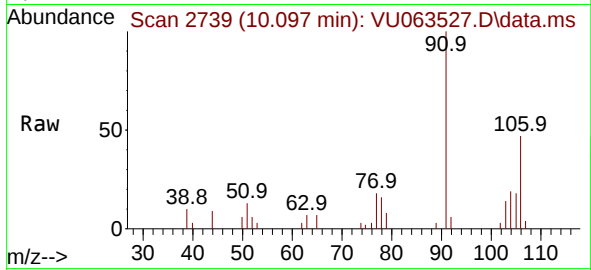




#65
o-Xylene
Concen: 0.452 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

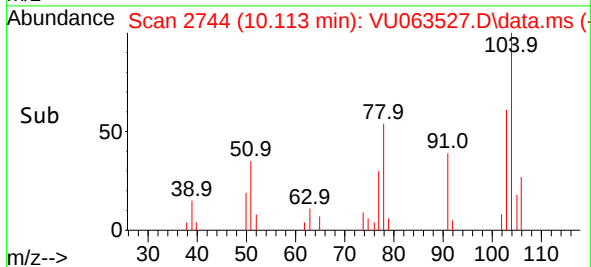
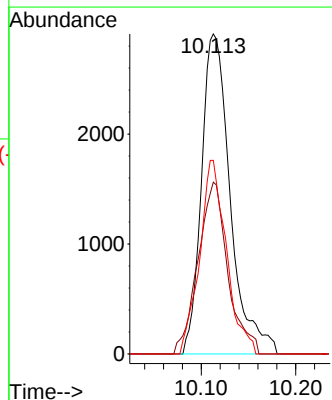
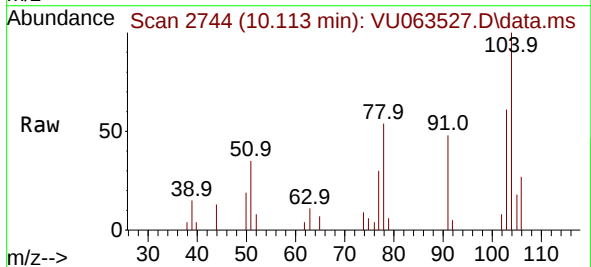
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

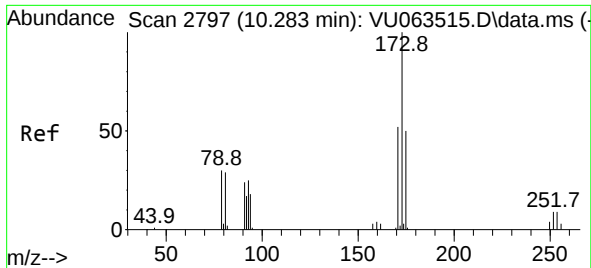
Tgt Ion:106 Resp: 4223
Ion Ratio Lower Upper
106 100
91 213.3 108.1 324.4



#66
Styrene
Concen: 0.414 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion:104 Resp: 6159
Ion Ratio Lower Upper
104 100
78 55.6 41.3 61.9
103 56.1 43.6 65.4

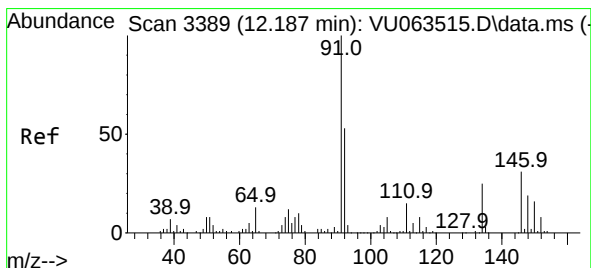
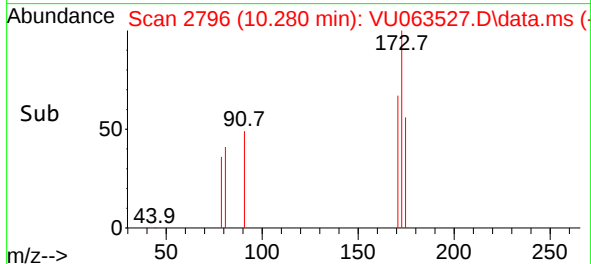
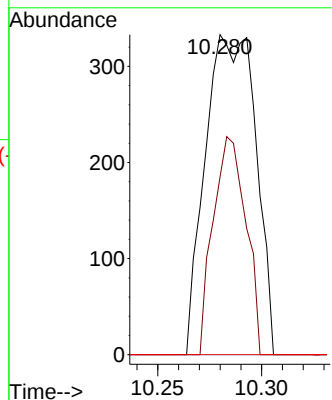
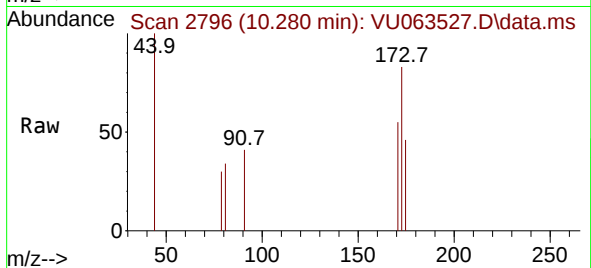




#67
Bromoform
Concen: 0.274 ug/l
RT: 10.280 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

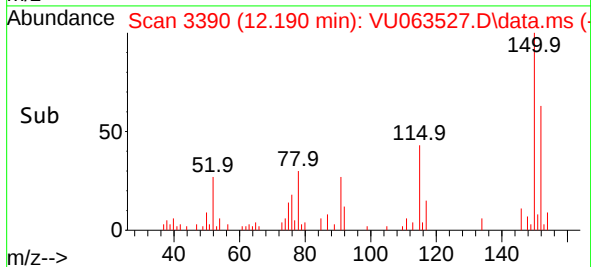
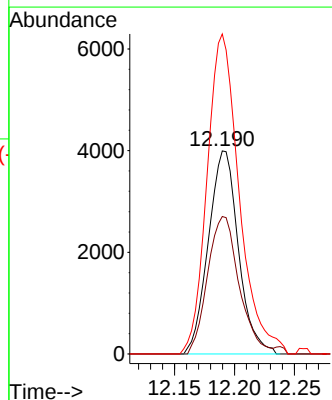
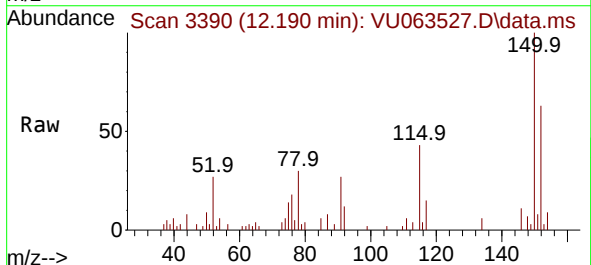
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

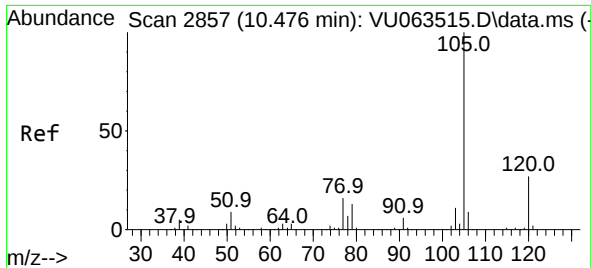
Tgt Ion:173 Resp: 562
Ion Ratio Lower Upper
173 100
175 44.1 39.0 58.4
254 0.0 6.5 9.7#



#68
1,2-Dichlorobenzene-d4
Concen: 1.010 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion:152 Resp: 6960
Ion Ratio Lower Upper
152 100
115 71.0 0.0 262.2
150 168.5 0.0 651.2

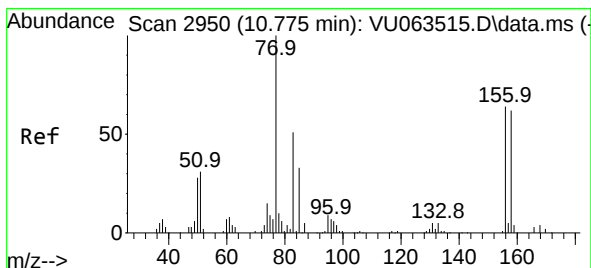
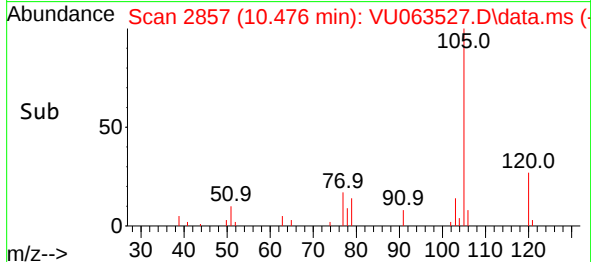
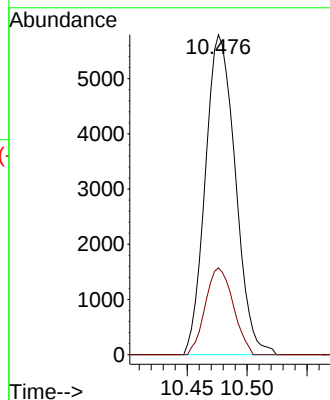
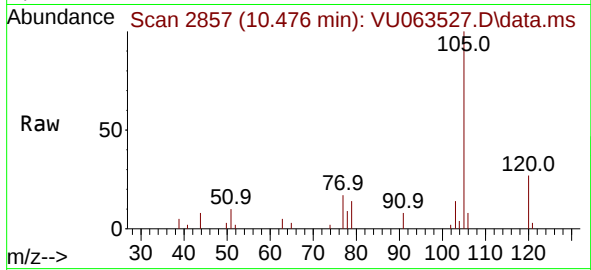




#69
Isopropylbenzene
Concen: 0.446 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

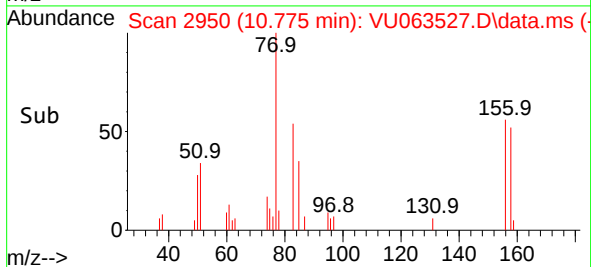
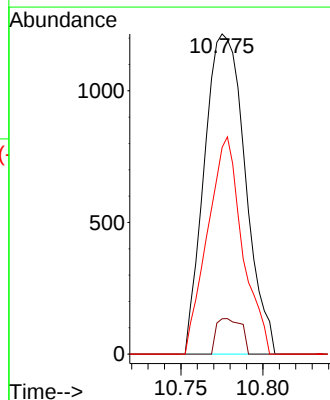
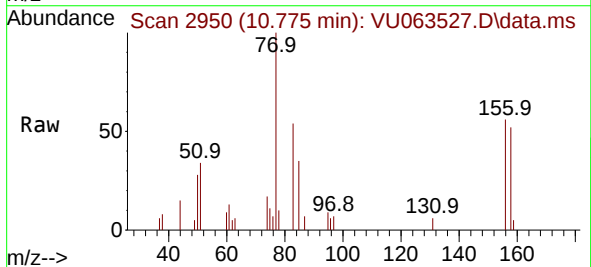
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

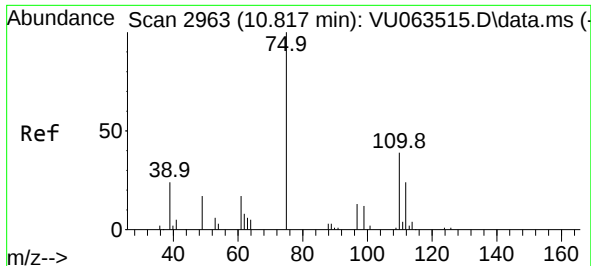
Tgt Ion:105 Resp: 10080
Ion Ratio Lower Upper
105 100
120 25.1 13.2 39.5



#70
1,1,2,2-Tetrachloroethane
Concen: 0.457 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion: 83 Resp: 2105
Ion Ratio Lower Upper
83 100
131 6.8 8.4 12.6#
85 57.8 51.9 77.9

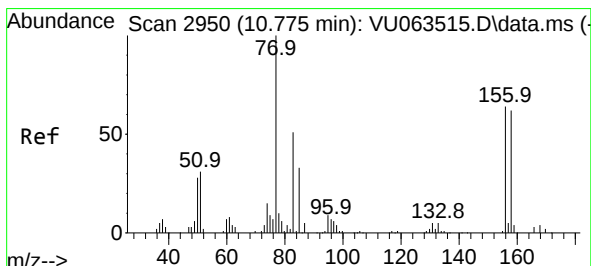
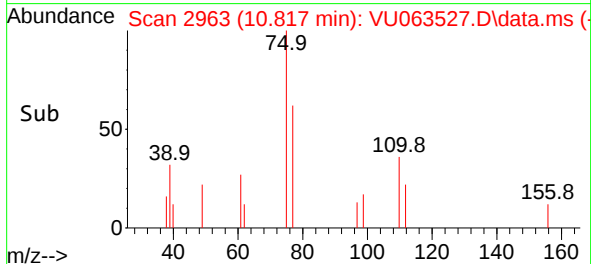
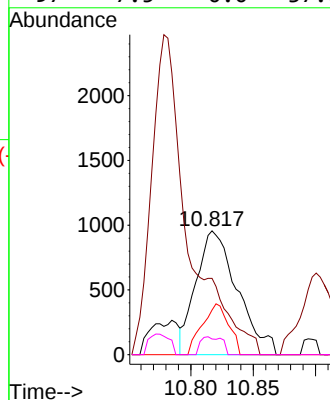
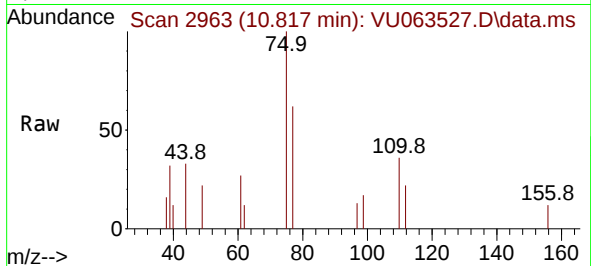




#71
1,2,3-Trichloropropane
Concen: 0.591 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

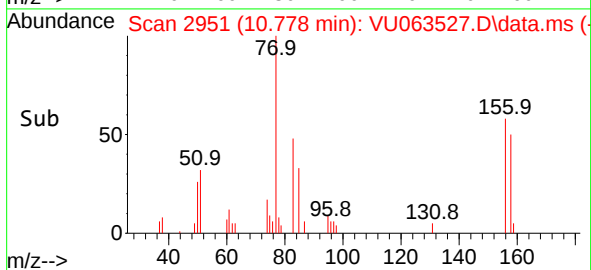
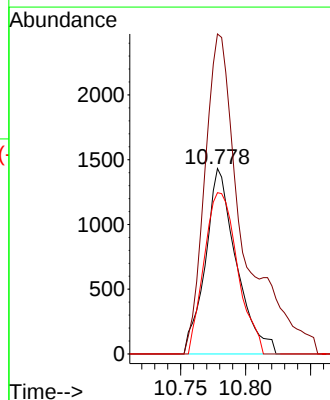
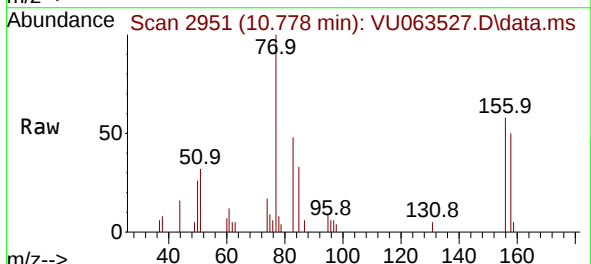
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

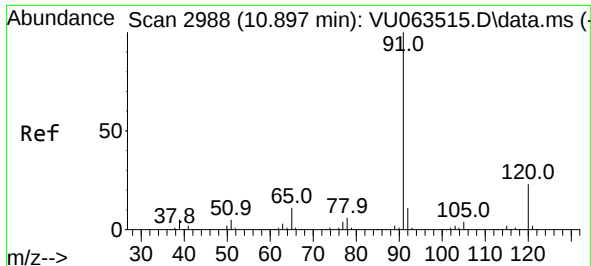
Tgt Ion:	75	Resp:	2210
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	26.2	0.0	73.2
97	7.5	0.0	37.6



#72
Bromobenzene
Concen: 0.406 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion:	156	Resp:	2367
Ion	Ratio	Lower	Upper
156	100		
77	212.9	0.0	315.2
158	94.0	0.0	195.4

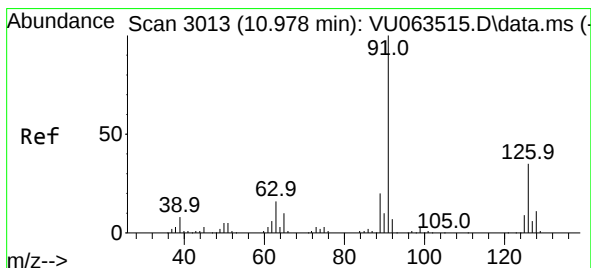
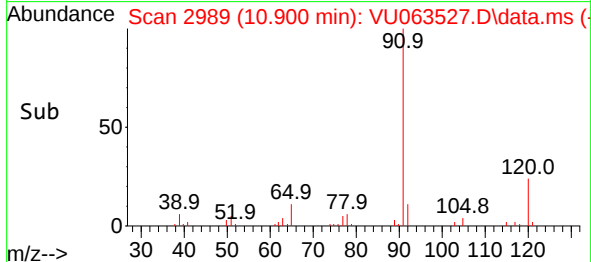
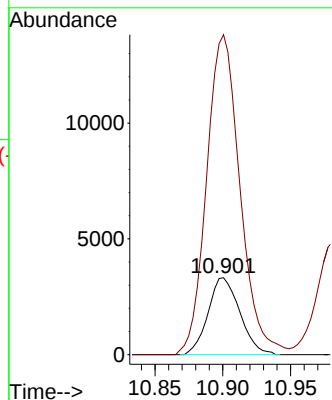
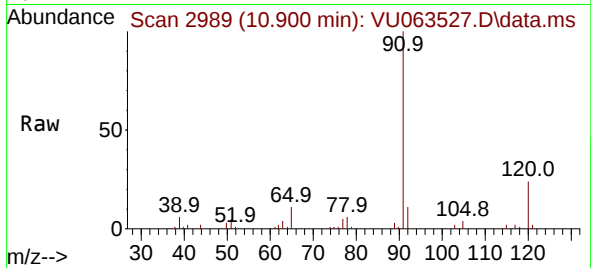




#73
n-propylbenzene
Concen: 0.797 ug/l
RT: 10.900 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

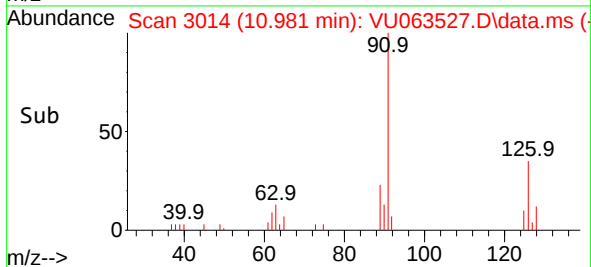
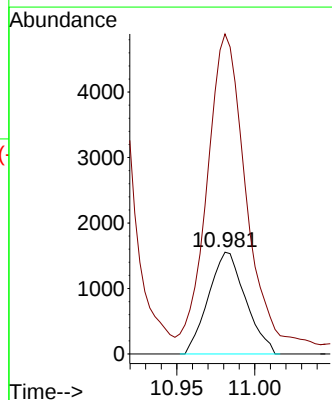
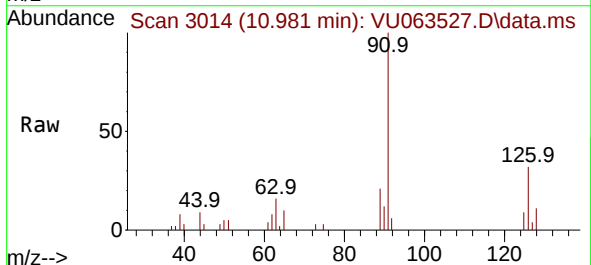
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

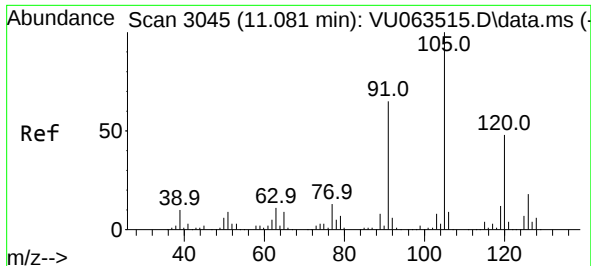
Tgt Ion:120 Resp: 5417
Ion Ratio Lower Upper
120 100
91 438.0 343.1 514.7



#74
2-Chlorotoluene
Concen: 0.428 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion:126 Resp: 2571
Ion Ratio Lower Upper
126 100
91 331.0 0.0 606.0

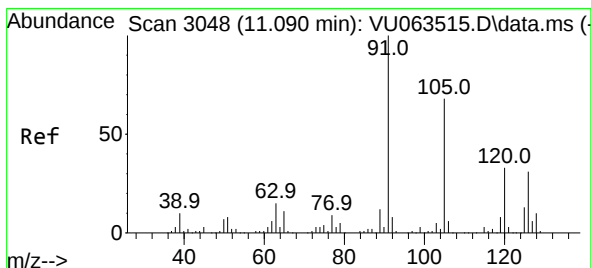
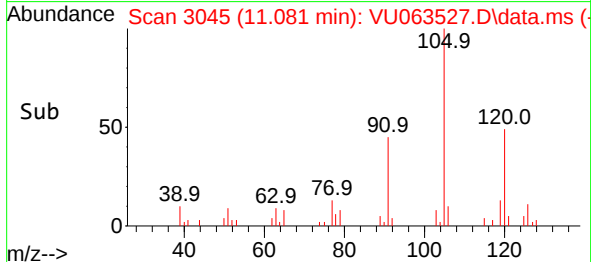
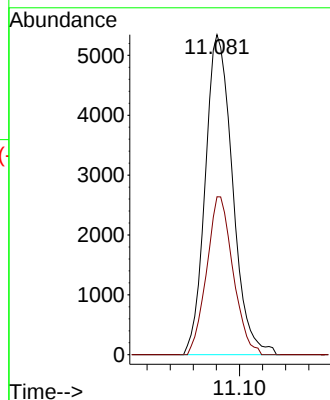
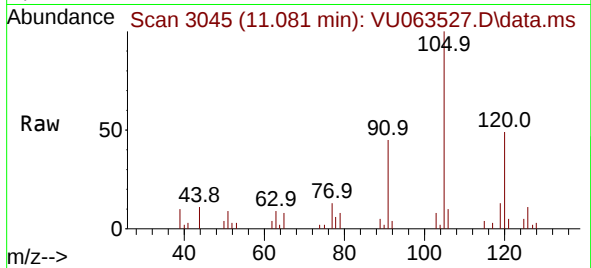




#75
1,3,5-Trimethylbenzene
Concen: 0.407 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

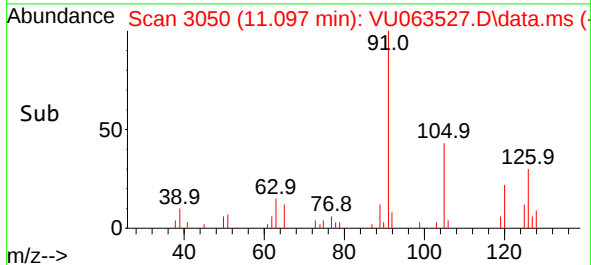
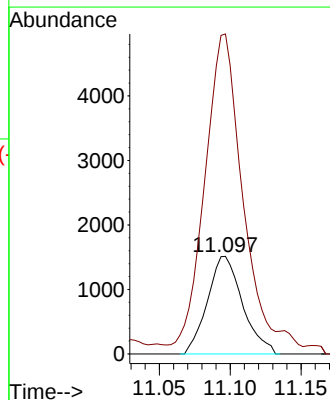
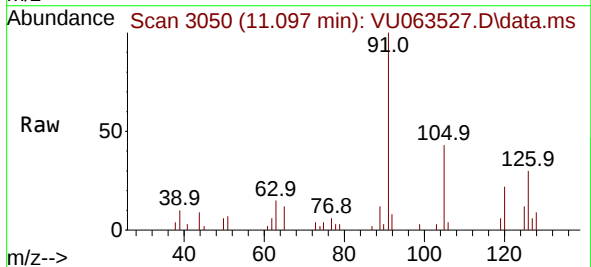
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

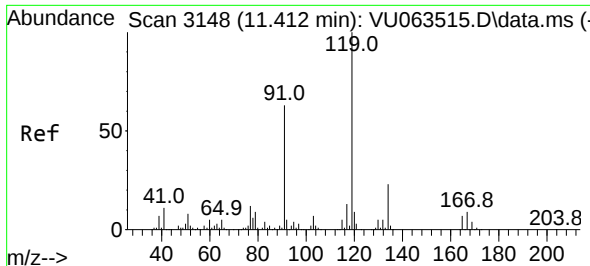
Tgt Ion:105 Resp: 8777
Ion Ratio Lower Upper
105 100
120 47.5 37.8 56.8



#76
4-Chlorotoluene
Concen: 0.427 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.006 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion:126 Resp: 2604
Ion Ratio Lower Upper
126 100
91 343.2 0.0 682.2

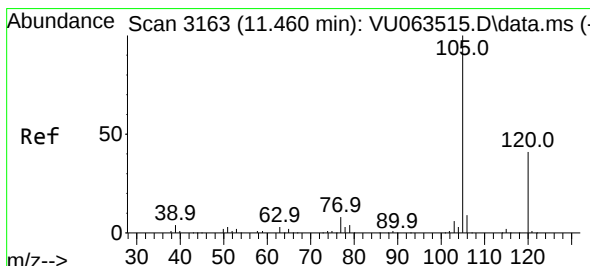
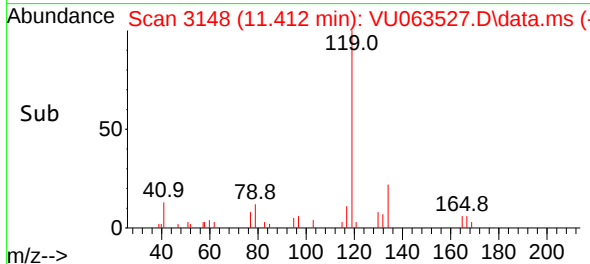
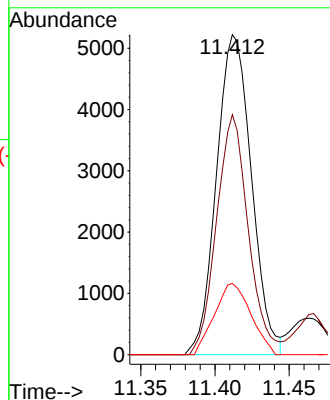
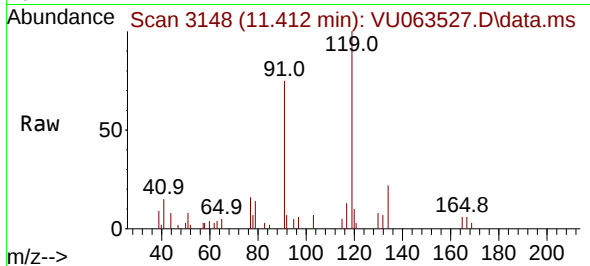




#77
tert-Butylbenzene
Concen: 0.415 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

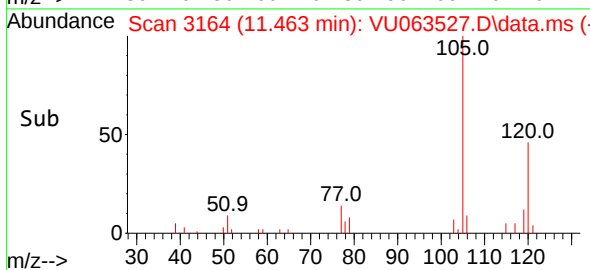
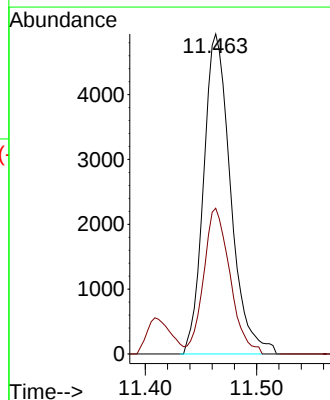
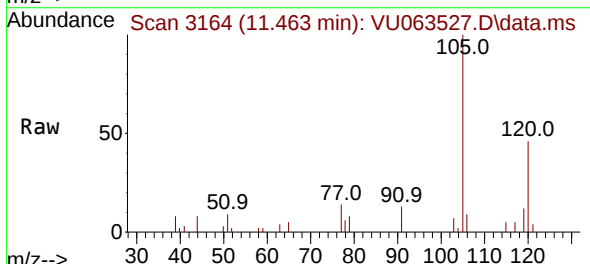
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

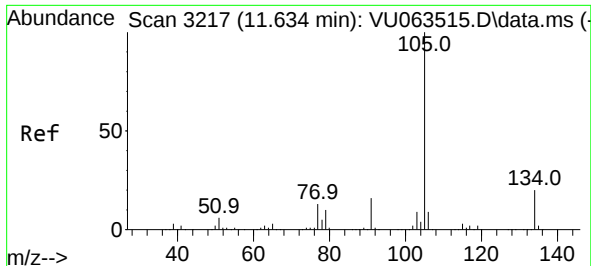
Tgt Ion:	119	Resp:	8556
Ion	Ratio	Lower	Upper
119	100		
91	68.2	30.7	92.1
134	23.1	18.5	27.7



#78
1,2,4-Trimethylbenzene
Concen: 0.389 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion:	105	Resp:	8317
Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.7	68.0

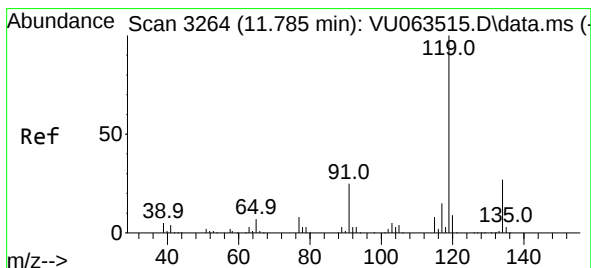
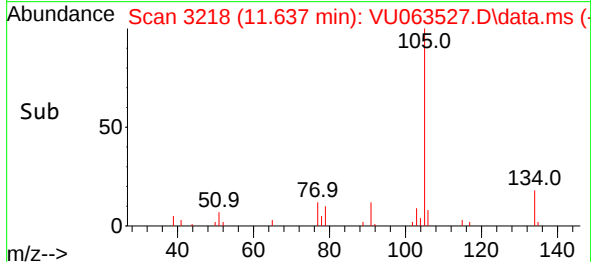
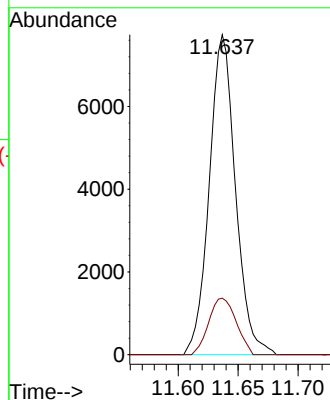
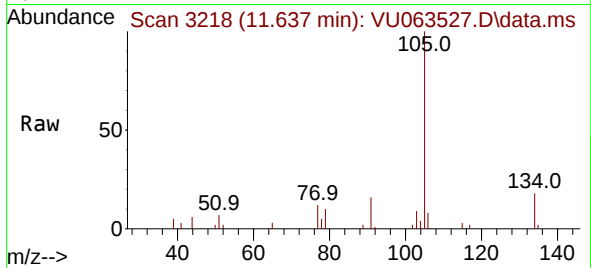




#79
 sec-Butylbenzene
 Concen: 0.422 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063527.D
 Acq: 17 Jul 2025 16:18

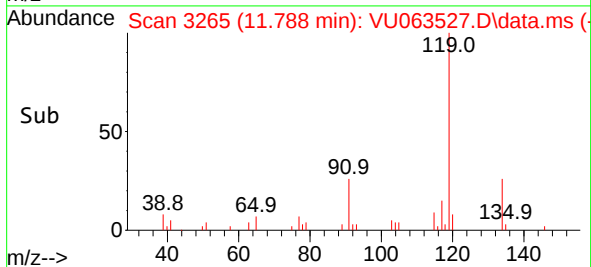
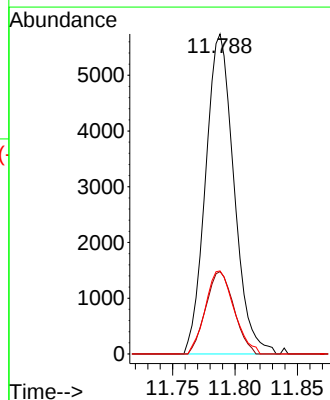
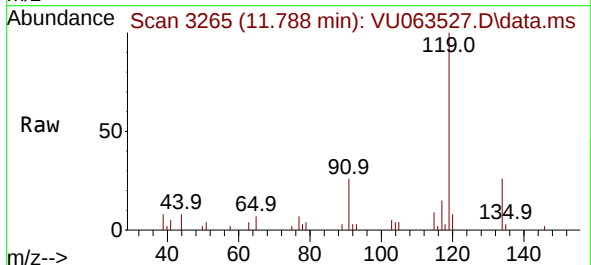
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

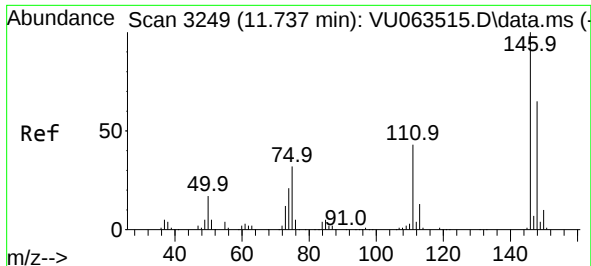
Tgt Ion:105 Resp: 11744
 Ion Ratio Lower Upper
 105 100
 134 18.5 16.2 24.4



#81
 p-Isopropyltoluene
 Concen: 0.392 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. 0.003 min
 Lab File: VU063527.D
 Acq: 17 Jul 2025 16:18

Tgt Ion:119 Resp: 9098
 Ion Ratio Lower Upper
 119 100
 134 25.4 21.1 31.7
 91 26.2 19.8 29.8





#82

1,3-Dichlorobenzene

Concen: 0.414 ug/l

RT: 11.743 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

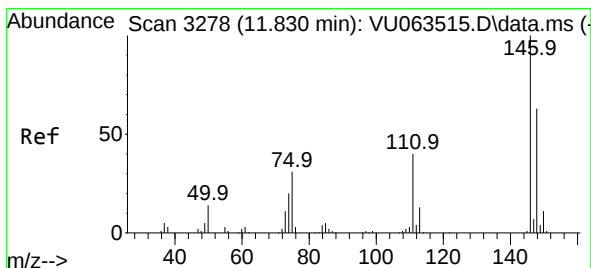
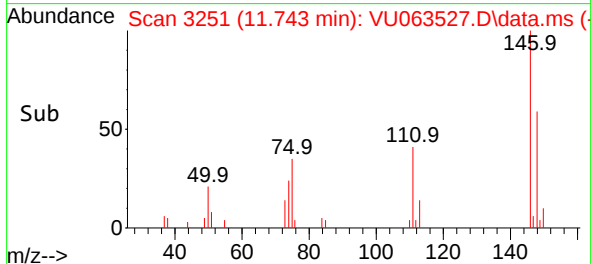
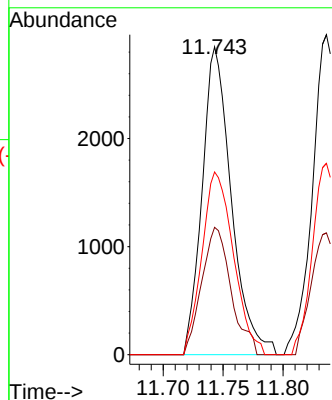
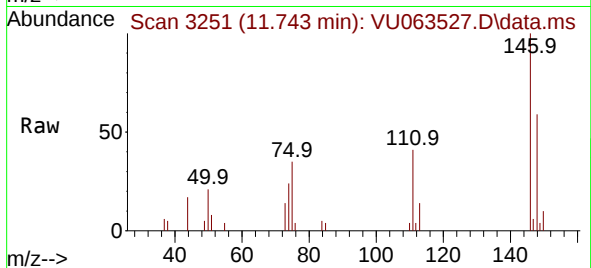
Tgt Ion:146 Resp: 4826

Ion Ratio Lower Upper

146 100

111 41.6 33.8 50.6

148 64.1 51.5 77.3



#83

1,4-Dichlorobenzene

Concen: 0.436 ug/l

RT: 11.836 min Scan# 3280

Delta R.T. 0.006 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

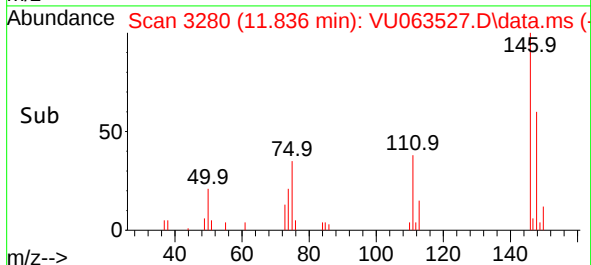
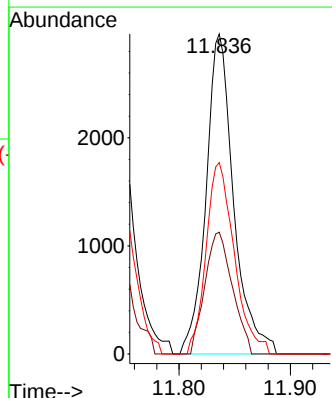
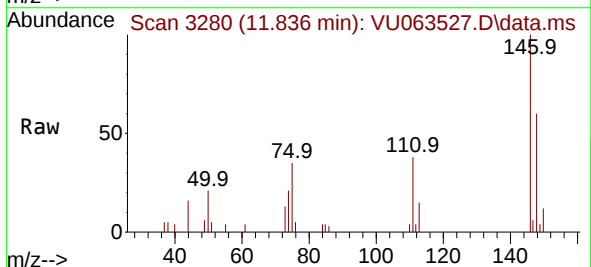
Tgt Ion:146 Resp: 5095

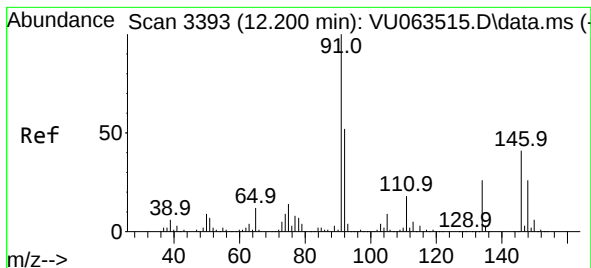
Ion Ratio Lower Upper

146 100

111 37.8 32.0 48.0

148 61.2 50.2 75.2





#84

n-Butylbenzene

Concen: 0.386 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.006 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

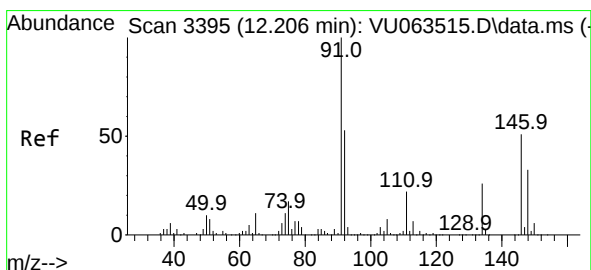
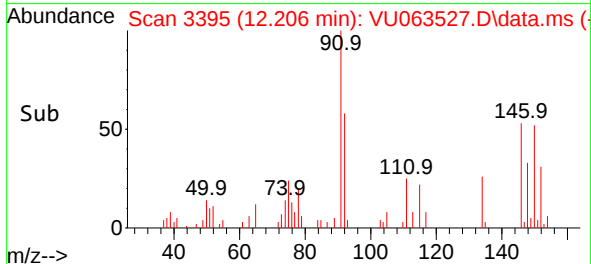
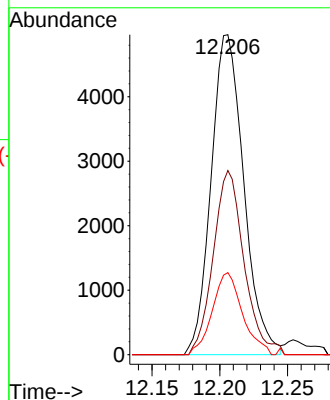
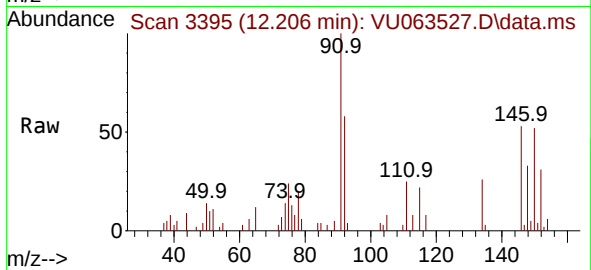
Tgt Ion: 91 Resp: 8314

Ion Ratio Lower Upper

91 100

92 54.2 41.5 62.3

134 23.8 20.6 30.8



#85

1,2-Dichlorobenzene

Concen: 0.437 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.003 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

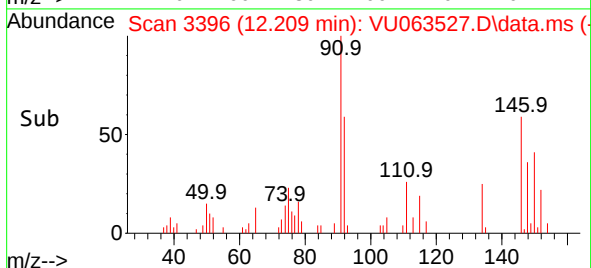
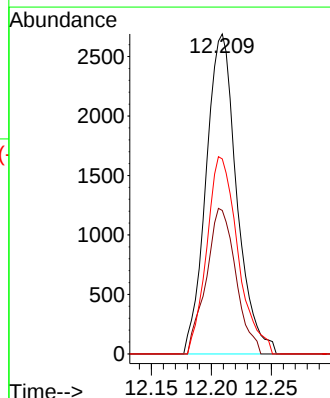
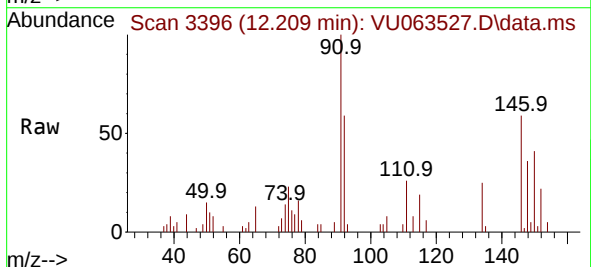
Tgt Ion:146 Resp: 4790

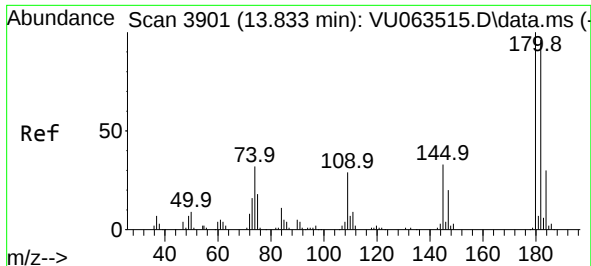
Ion Ratio Lower Upper

146 100

111 43.8 21.7 65.1

148 62.6 31.8 95.3





#87

1,2,4-Trichlorobenzene

Concen: 0.372 ug/l

RT: 13.846 min Scan# 3905

Delta R.T. 0.013 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

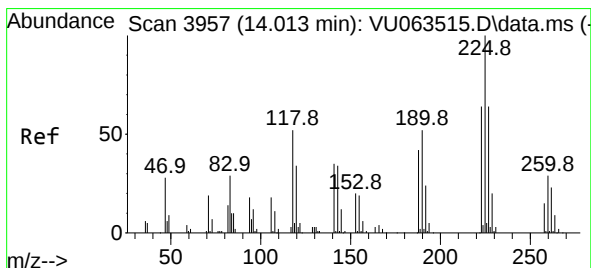
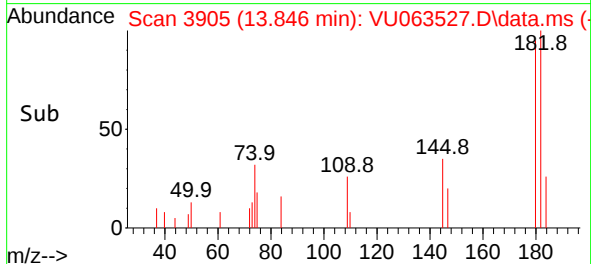
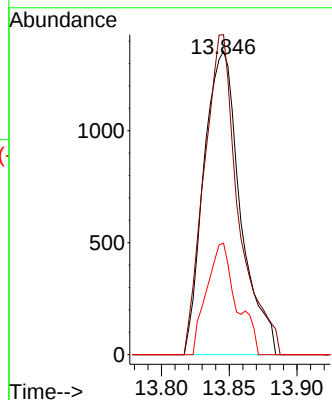
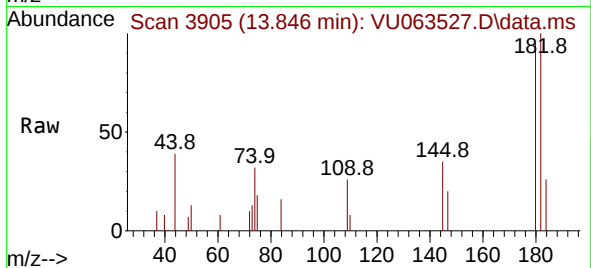
Tgt Ion:180 Resp: 2536

Ion Ratio Lower Upper

180 100

182 99.6 76.2 114.4

145 30.0 26.2 39.2



#88

Hexachlorobutadiene

Concen: 0.373 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063527.D

Acq: 17 Jul 2025 16:18

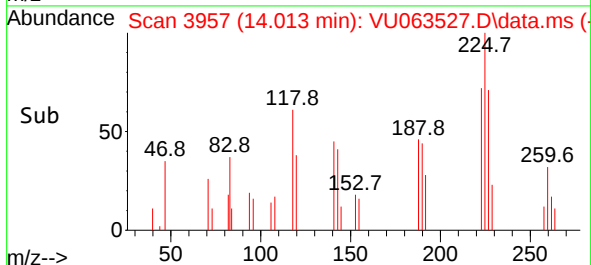
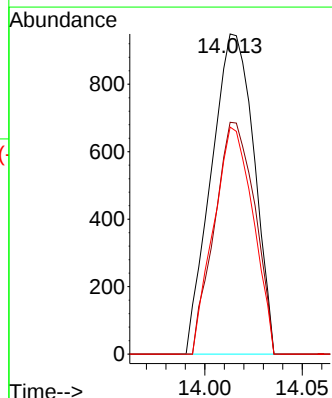
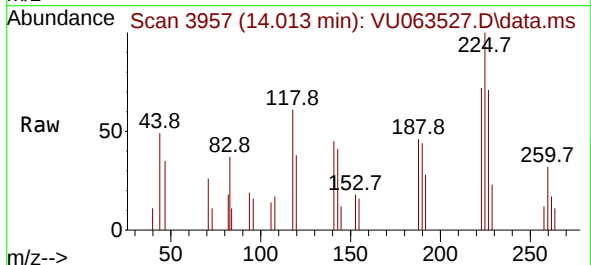
Tgt Ion:225 Resp: 1445

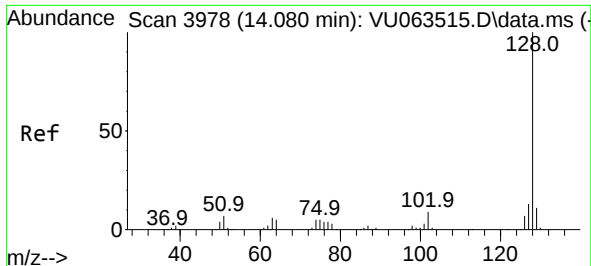
Ion Ratio Lower Upper

225 100

223 68.5 50.8 76.2

227 65.4 51.0 76.6

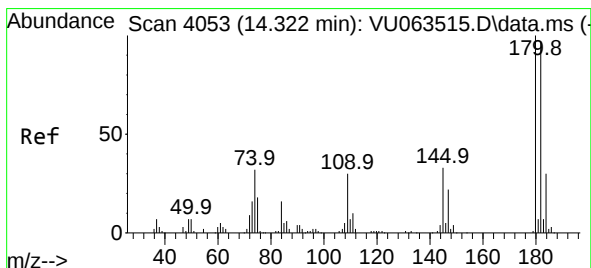
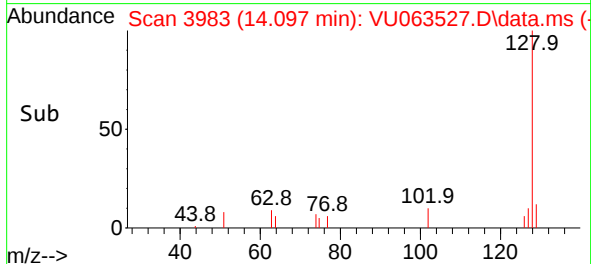
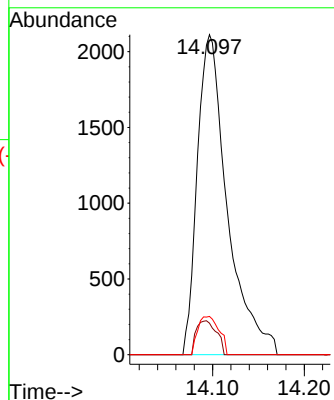
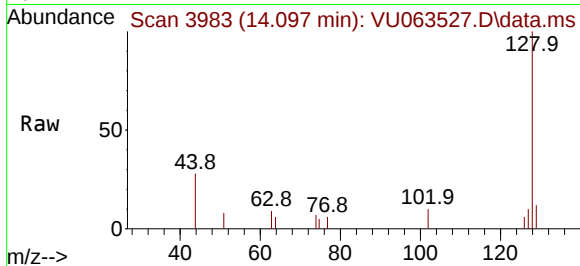




#89
Naphthalene
Concen: 0.394 ug/l
RT: 14.097 min Scan# 3978
Delta R.T. 0.017 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:128 Resp: 4813
Ion Ratio Lower Upper
128 100
127 7.1 10.2 15.4#
129 8.5 8.8 13.2#



#90
1,2,3-Trichlorobenzene
Concen: 0.399 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU063527.D
Acq: 17 Jul 2025 16:18

Tgt Ion:180 Resp: 2515
Ion Ratio Lower Upper
180 100
182 92.4 78.0 117.0
145 34.0 27.3 40.9

