

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063543.D
 Acq On : 18 Jul 2025 18:26
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Quant Time: Jul 19 00:22:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Jul 19 00:21:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	22153	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	6153	0.734	ug/l	0.00
Spiked Amount 1.000			Recovery	=	73.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	5725	0.738	ug/l	0.00
Spiked Amount 1.000			Recovery	=	74.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	4691	0.718	ug/l	99
3) Chloromethane	1.518	50	5191	0.855	ug/l	96
4) Vinyl Chloride	1.599	62	6534	0.845	ug/l	96
5) Bromomethane	1.849	94	5983	1.026	ug/l	97
6) Chloroethane	1.927	64	4071	0.872	ug/l	100
7) Trichlorofluoromethane	2.129	101	9772	0.880	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	5221	0.900	ug/l	95
9) 1,1-Dichloroethene	2.570	96	4783	0.832	ug/l	93
10) Iodomethane	2.711	142	1831	0.264	ug/l	91
11) Allyl Chloride	2.907	41	6471	0.779	ug/l	85
12) Acrylonitrile	3.306	53	2797	1.944	ug/l	93
13) Acetone	2.621	43	4901	4.252	ug/l	96
14) Carbon Disulfide	2.779	76	11317	0.609	ug/l	100
15) Methylene Chloride	3.029	84	7273	1.074	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	5417	0.829	ug/l	92
17) 1,1-Dichloroethane	3.853	63	10611	0.876	ug/l	100
18) 2-Butanone	4.718	43	7540	4.225	ug/l	93
19) Cyclohexane	5.364	56	8798	0.858	ug/l	98
20) Methylcyclohexane	6.743	83	7157	0.718	ug/l	99
21) 2,2-Dichloropropane	4.644	77	7357	0.714	ug/l	99
22) cis-1,2-Dichloroethene	4.653	96	6326	0.892	ug/l	99
23) Diethyl Ether	2.370	59	3671	0.838	ug/l	91
24) tert-Butyl Alcohol	3.193	59	4705	8.893	ug/l	97
25) Methyl tert-Butyl Ether	3.364	73	12913	0.860	ug/l	# 85
26) Bromochloromethane	4.955	128	2567	0.867	ug/l	98
27) Chloroform	5.071	83	11035	0.893	ug/l	96
28) 1,1,1-Trichloroethane	5.296	97	8878	0.847	ug/l	99
29) 1,1-Dichloropropene	5.505	75	8318	0.856	ug/l	98
30) Carbon Tetrachloride	5.499	117	6346	0.752	ug/l	98
31) Isopropyl Ether	3.994	45	16941	0.927	ug/l	91
32) Ethyl-t-butyl ether	4.502	59	15127	0.894	ug/l	100
33) Tert-Amyl methyl ether	5.943	73	13991	0.953	ug/l	99
34) Propionitrile	4.779	54	2548	4.686	ug/l	# 79
35) Benzene	5.756	78	22898	0.877	ug/l	98
36) 1,2-Dichloroethane	5.782	62	7822	0.965	ug/l	98
37) Trichloroethene	6.528	130	4616	0.693	ug/l	92
38) 1,2-Dichloropropane	6.779	63	4463	0.731	ug/l	92
39) Methacrylonitrile	4.975	41	2446	1.012	ug/l	# 68
40) Methyl acrylate	4.846	55	2808	0.795	ug/l	# 73
41) Tetrahydrofuran	5.055	42	2785	2.190	ug/l	# 82
42) 1-Chlorobutane	5.438	56	10500	0.813	ug/l	98
43) Dibromomethane	6.910	93	2283	0.722	ug/l	93
44) Bromodichloromethane	7.097	83	4298	0.602	ug/l	95

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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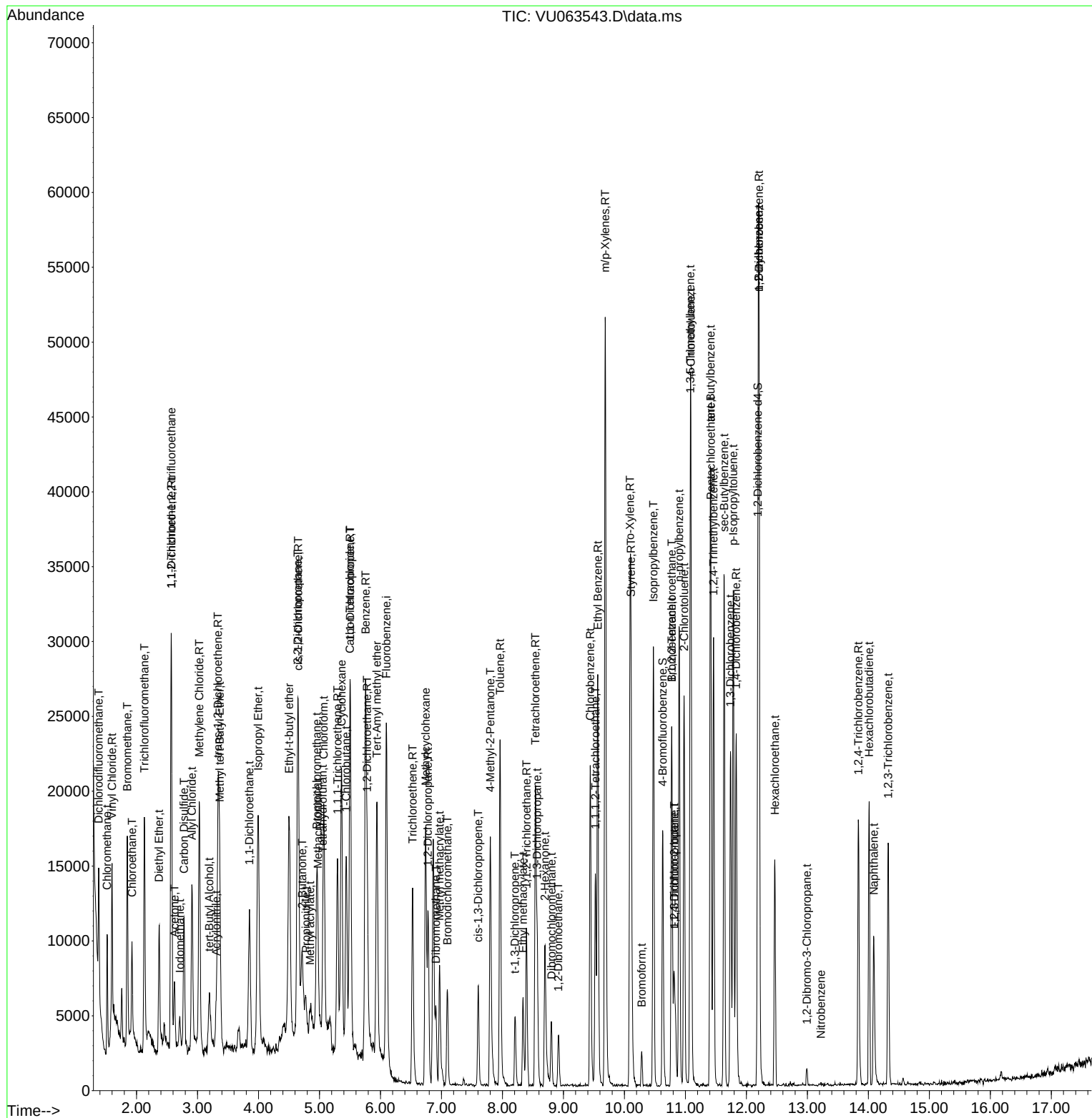
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	12812	3.929	ug/l	96
46) t-1,4-Dichloro-2-butene	10.817	75	4248	3.470	ug/l #	51
47) Methyl methacrylate	6.968	69	3957	1.489	ug/l #	91
48) Ethyl methacrylate	8.338	69	3510	0.692	ug/l	86
49) Toluene	7.962	92	10689	0.750	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	2998	0.536	ug/l	93
51) cis-1,3-Dichloropropene	7.602	75	4140	0.551	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	3279	0.770	ug/l	93
53) 1,3-Dichloropropane	8.569	76	5433	0.739	ug/l	99
54) 2-Hexanone	8.698	43	8266	3.816	ug/l	96
55) Dibromochloromethane	8.804	129	2343	0.520	ug/l	98
56) 1,2-Dibromoethane	8.917	107	2689	0.705	ug/l	97
58) Tetrachloroethene	8.540	164	4323	0.709	ug/l	93
59) Chlorobenzene	9.441	112	12175	0.744	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	3258	0.619	ug/l	95
61) Pentachloroethane	11.418	117	2402	0.646	ug/l #	79
62) Hexachloroethane	12.466	117	1994	0.541	ug/l	85
63) Ethyl Benzene	9.563	91	20445	0.726	ug/l	100
64) m/p-Xylenes	9.685	106	15865	1.449	ug/l	99
65) o-Xylene	10.093	106	7535	0.716	ug/l	94
66) Styrene	10.110	104	11809	0.704	ug/l	96
67) Bromoform	10.283	173	1157	0.500	ug/l #	86
69) Isopropylbenzene	10.476	105	19410	0.763	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	3972	0.766	ug/l #	97
71) 1,2,3-Trichloropropane	10.817	75	4248	1.009	ug/l #	83
72) Bromobenzene	10.775	156	4449	0.678	ug/l	72
73) n-propylbenzene	10.897	120	5308	0.693	ug/l	83
74) 2-Chlorotoluene	10.978	126	4660	0.689	ug/l	88
75) 1,3,5-Trimethylbenzene	11.081	105	16848	0.694	ug/l	100
76) 4-Chlorotoluene	11.090	126	4952	0.721	ug/l	91
77) tert-Butylbenzene	11.412	119	16725	0.720	ug/l	97
78) 1,2,4-Trimethylbenzene	11.460	105	17323	0.719	ug/l	97
79) sec-Butylbenzene	11.637	105	23344	0.746	ug/l	96
80) Nitrobenzene	13.222	77	62	0.682	ug/l #	44
81) p-Isopropyltoluene	11.785	119	17956	0.687	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	9905	0.754	ug/l	95
83) 1,4-Dichlorobenzene	11.833	146	9792	0.745	ug/l	95
84) n-Butylbenzene	12.203	91	18231	0.752	ug/l	95
85) 1,2-Dichlorobenzene	12.206	146	9057	0.734	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.990	75	394	0.535	ug/l #	69
87) 1,2,4-Trichlorobenzene	13.836	180	5760	0.751	ug/l	100
88) Hexachlorobutadiene	14.013	225	3278	0.752	ug/l	93
89) Naphthalene	14.090	128	9830	0.715	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	5411	0.763	ug/l	99

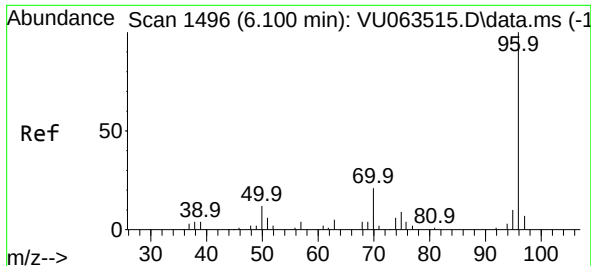
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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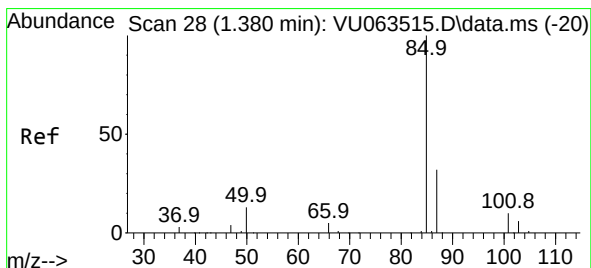
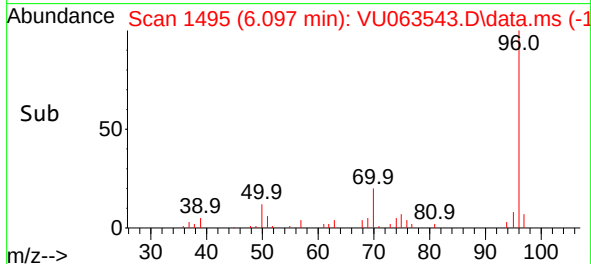
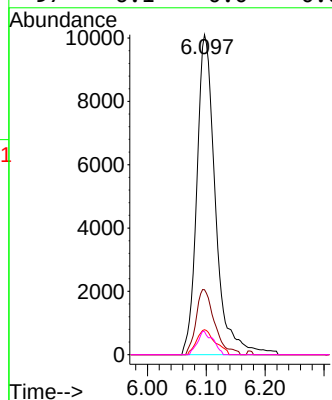
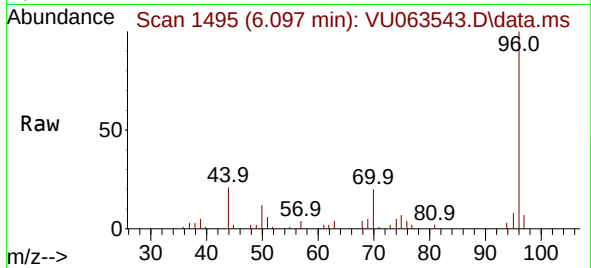




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

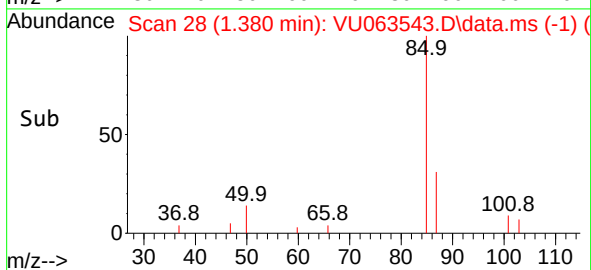
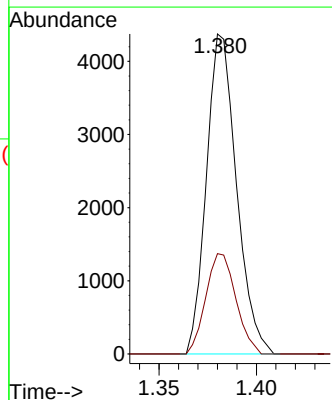
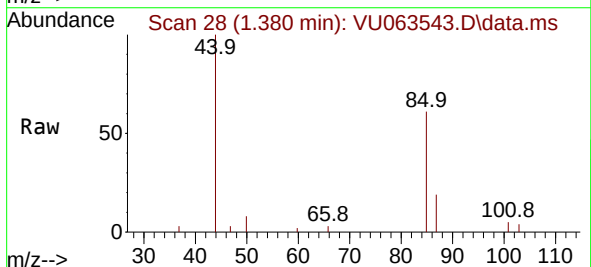
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

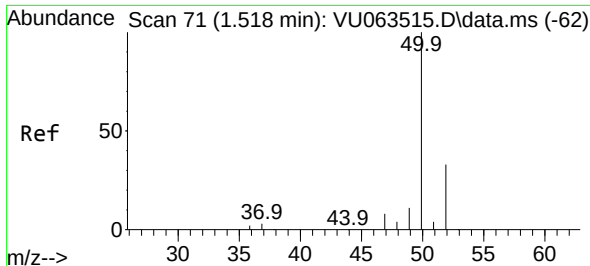
Tgt Ion:	96	Resp:	22153
Ion	Ratio	Lower	Upper
96	100		
70	20.2	15.0	22.4
95	7.8	7.4	11.0
97	6.1	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.718 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063543.D
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Tgt Ion:	85	Resp:	4691
Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.0	47.9

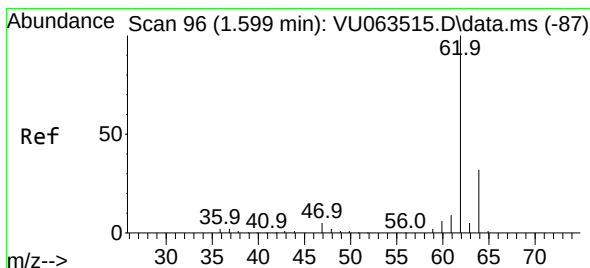
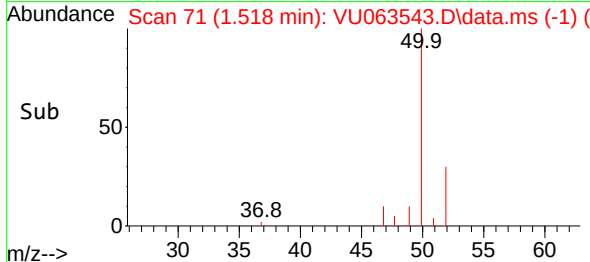
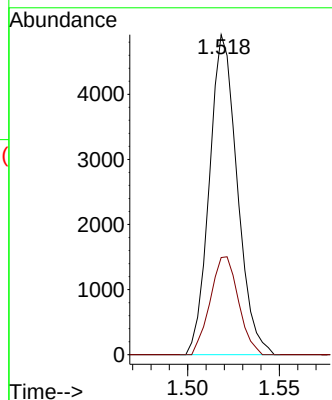
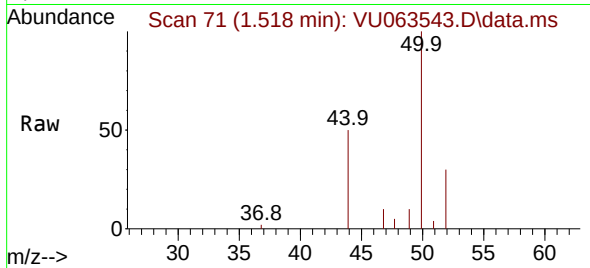




#3
Chloromethane
Concen: 0.855 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063543.D
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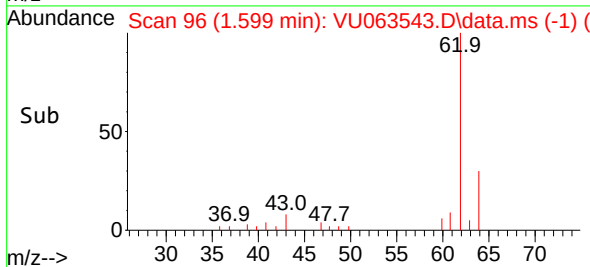
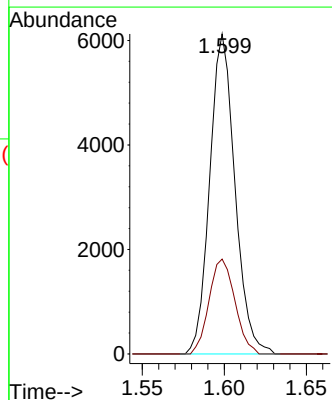
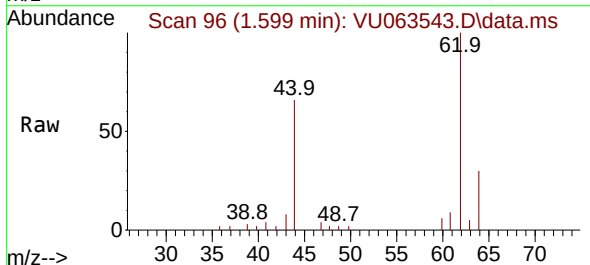
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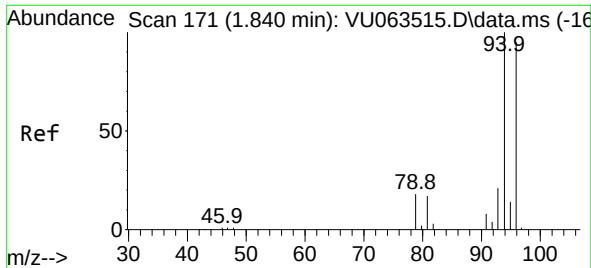
Tgt Ion: 50 Resp: 5191
Ion Ratio Lower Upper
50 100
52 30.4 26.3 39.5



#4
Vinyl Chloride
Concen: 0.845 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion: 62 Resp: 6534
Ion Ratio Lower Upper
62 100
64 29.7 25.7 38.5

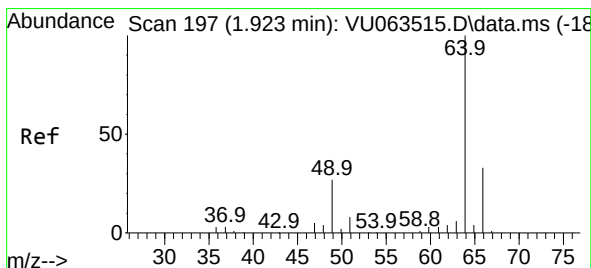
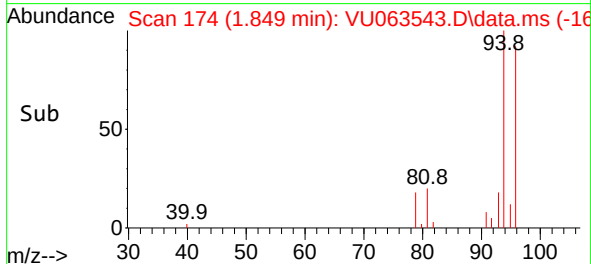
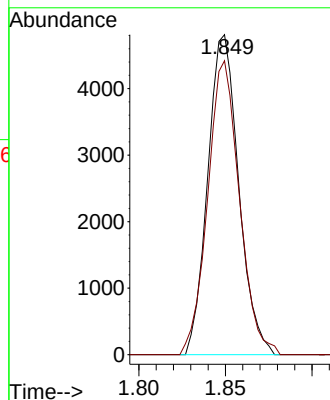
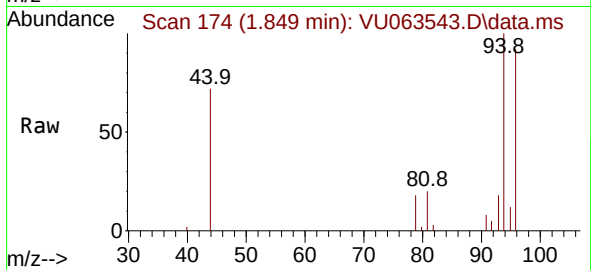




#5
Bromomethane
Concen: 1.026 ug/l
RT: 1.849 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

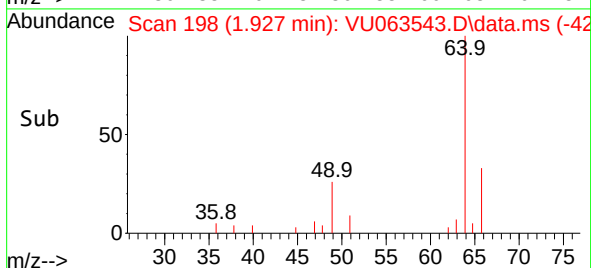
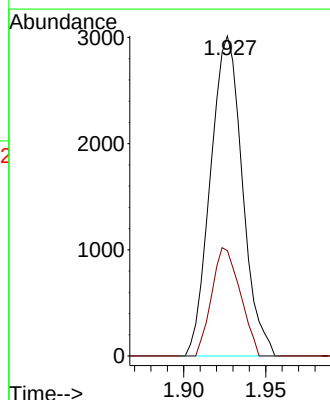
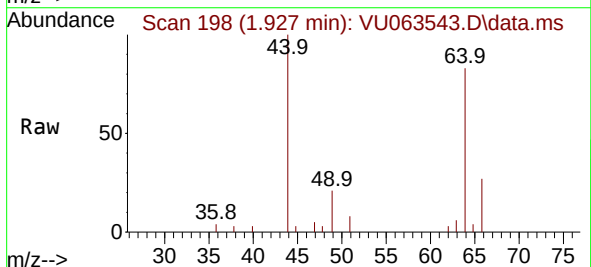
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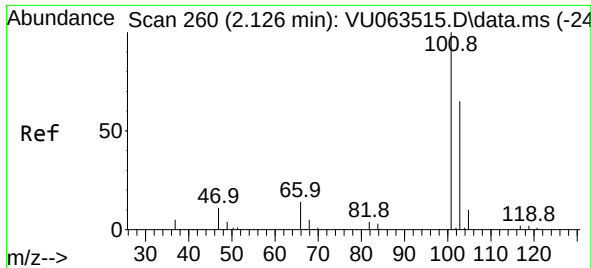
Tgt Ion: 94 Resp: 5983
Ion Ratio Lower Upper
94 100
96 91.8 75.8 113.6



#6
Chloroethane
Concen: 0.872 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion: 64 Resp: 4071
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4

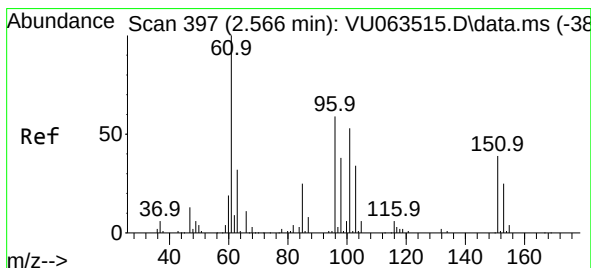
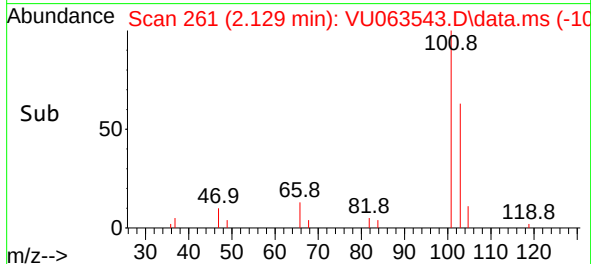
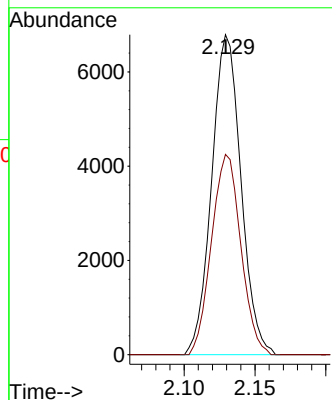
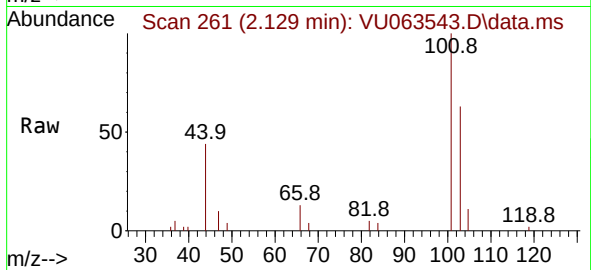




#7
Trichlorofluoromethane
Concen: 0.880 ug/l
RT: 2.129 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

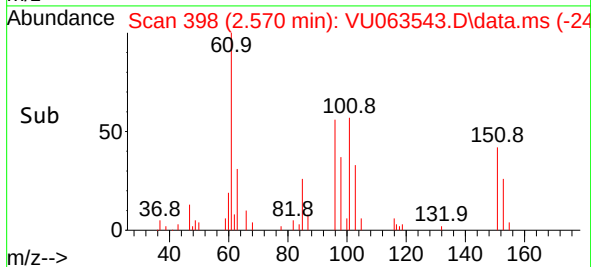
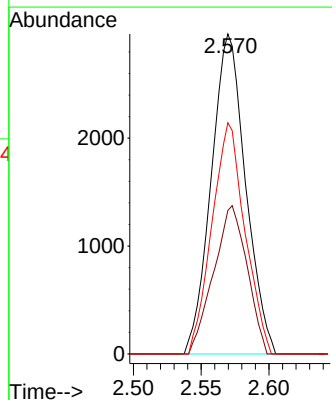
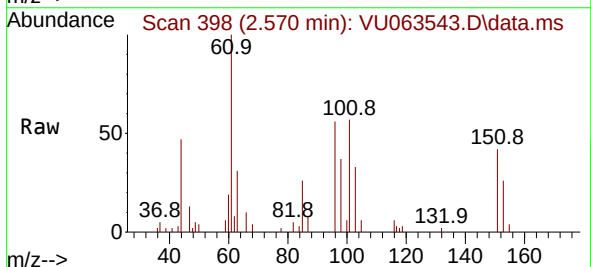
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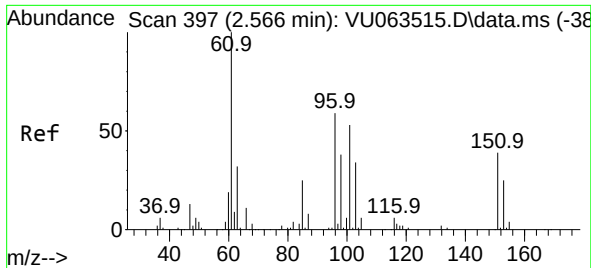
Tgt Ion:101 Resp: 9772
Ion Ratio Lower Upper
101 100
103 62.6 52.2 78.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.900 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion:101 Resp: 5221
Ion Ratio Lower Upper
101 100
85 45.2 37.8 56.6
151 69.4 59.2 88.8

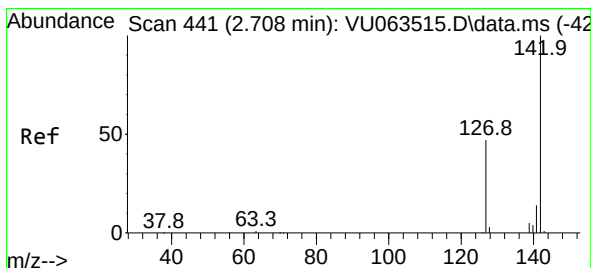
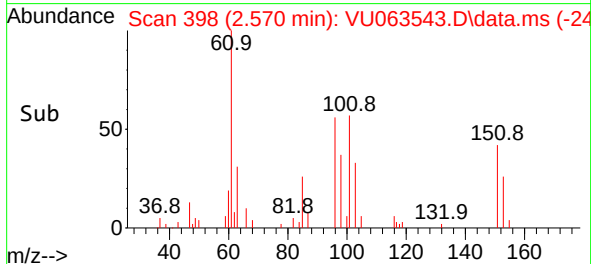
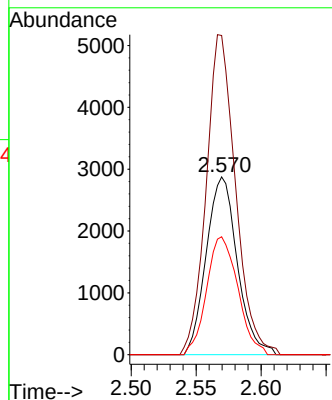
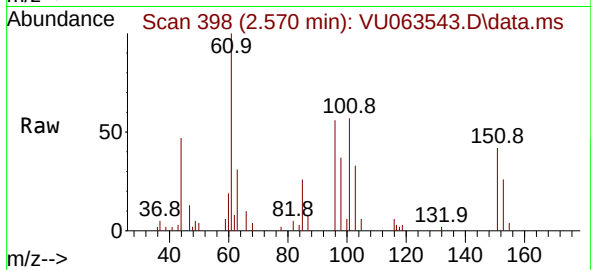




#9
1,1-Dichloroethene
Concen: 0.832 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063543.D
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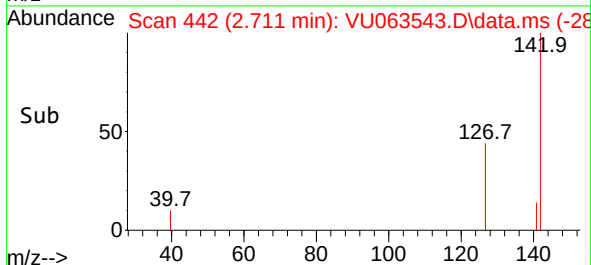
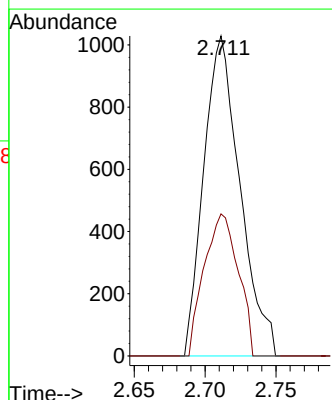
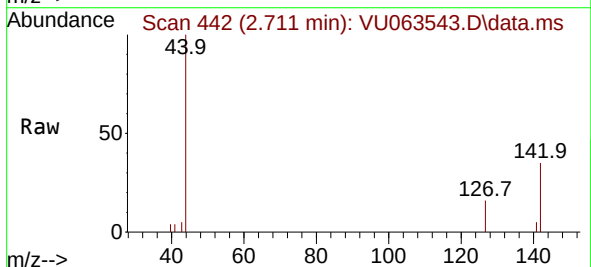
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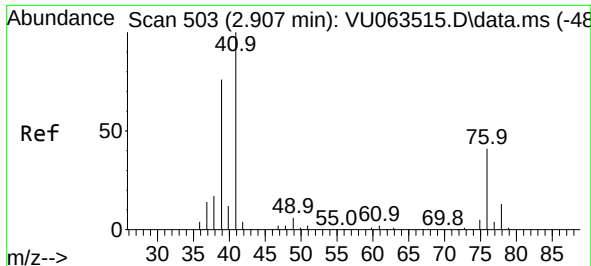
Tgt Ion:	96	Resp:	4783
Ion	Ratio	Lower	Upper
96	100		
61	179.5	0.0	504.3
98	66.4	0.0	126.8



#10
Iodomethane
Concen: 0.264 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion:	142	Resp:	1831
Ion	Ratio	Lower	Upper
142	100		
127	41.6	37.9	56.9

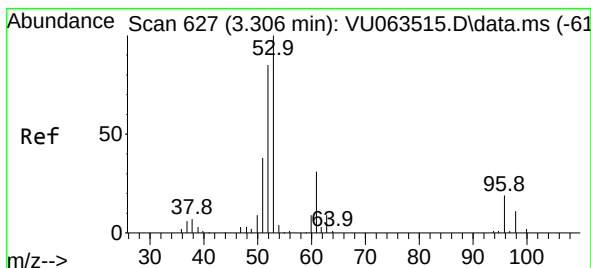
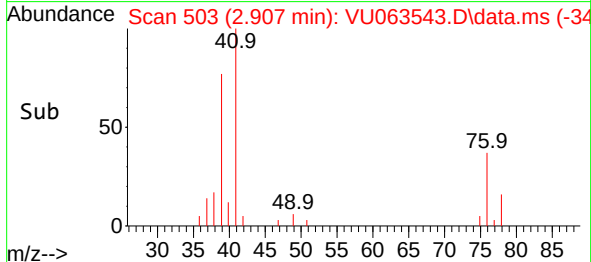
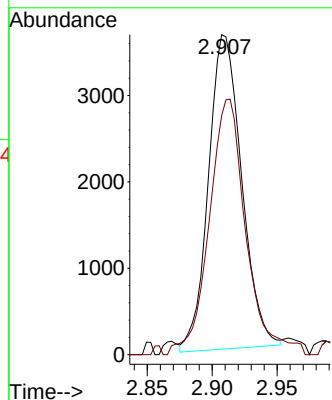
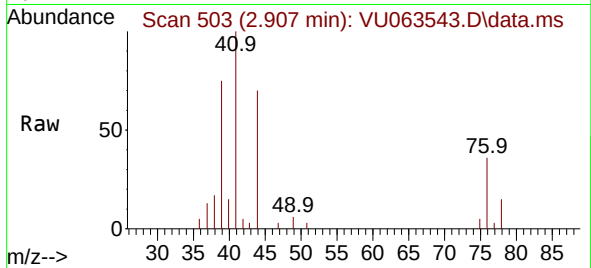




#11
 Allyl Chloride
 Concen: 0.779 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.000 min
 Lab File: VU063543.D
 Acq: 18 Jul 2025 18:26

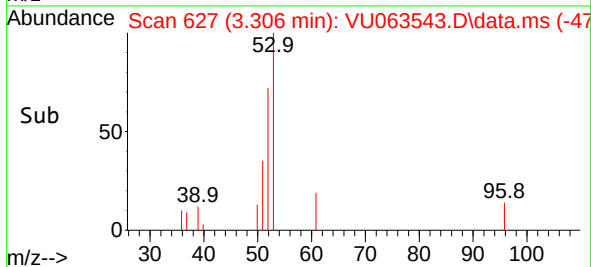
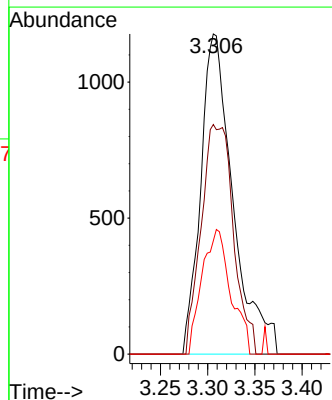
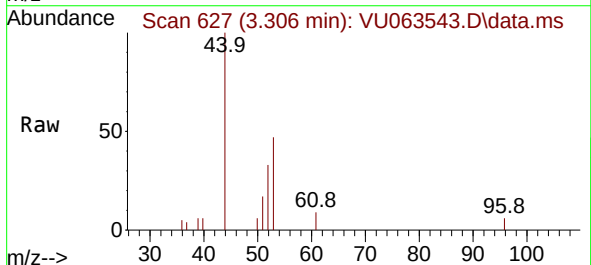
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

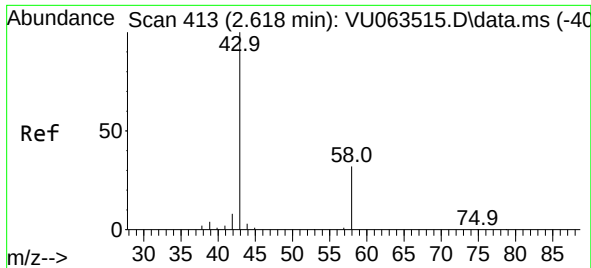
Tgt Ion: 41 Resp: 6471
 Ion Ratio Lower Upper
 41 100
 39 90.0 61.5 92.3



#12
 Acrylonitrile
 Concen: 1.944 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. -0.000 min
 Lab File: VU063543.D
 Acq: 18 Jul 2025 18:26

Tgt Ion: 53 Resp: 2797
 Ion Ratio Lower Upper
 53 100
 52 71.3 64.3 96.5
 51 34.7 27.8 41.8





#13

Acetone

Concen: 4.252 ug/l

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

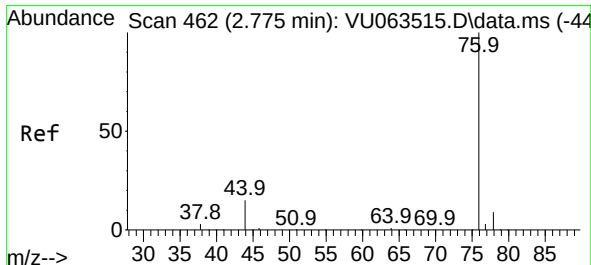
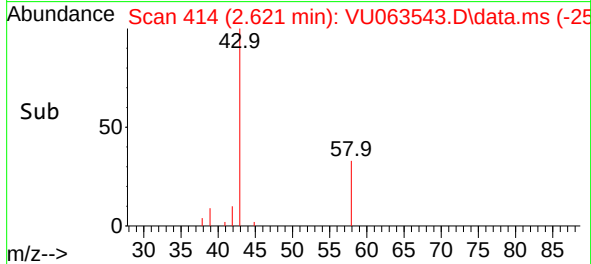
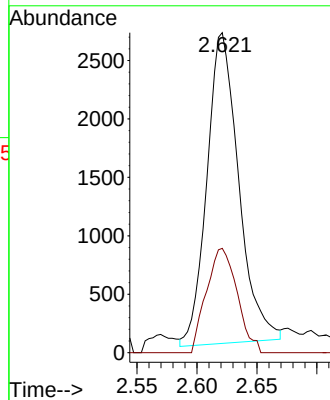
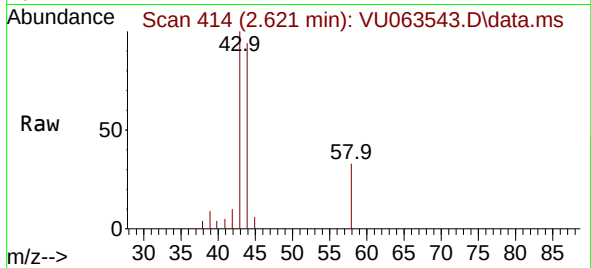
RL-CHECK

Tgt Ion: 43 Resp: 4901

Ion Ratio Lower Upper

43 100

58 34.0 25.4 38.0



#14

Carbon Disulfide

Concen: 0.609 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063543.D

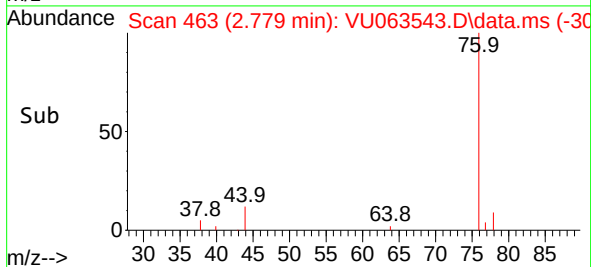
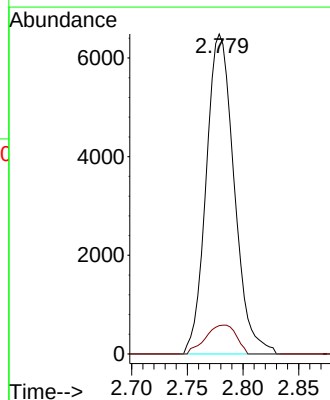
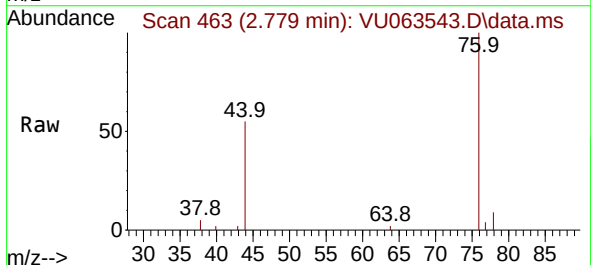
Acq: 18 Jul 2025 18:26

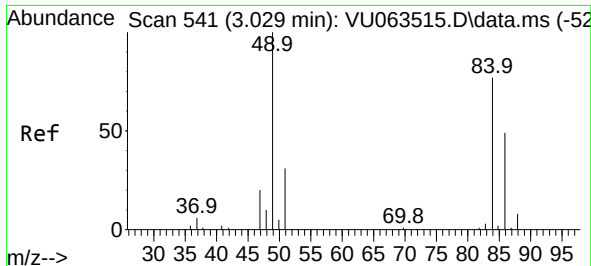
Tgt Ion: 76 Resp: 11317

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



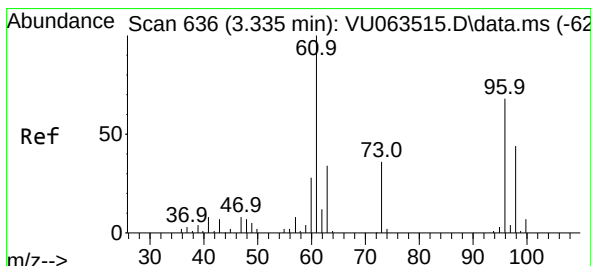
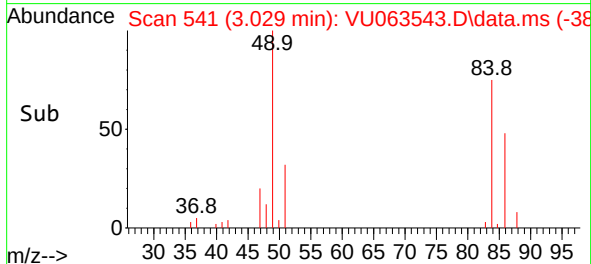
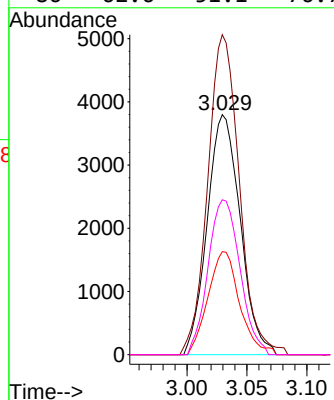
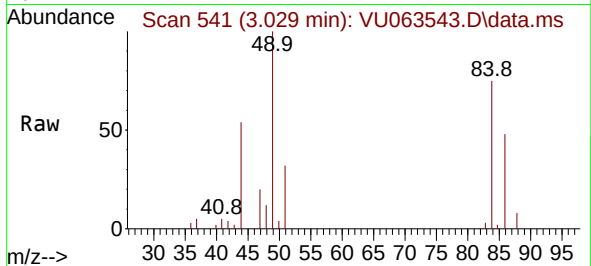


#15
Methylene Chloride
Concen: 1.074 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 84 Resp: 7273

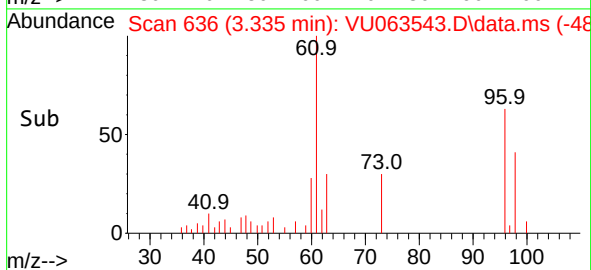
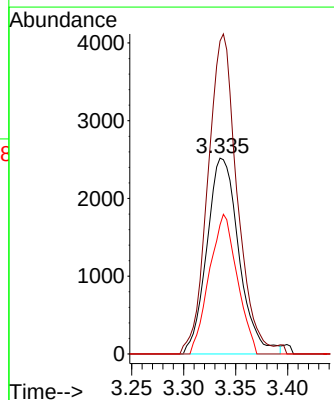
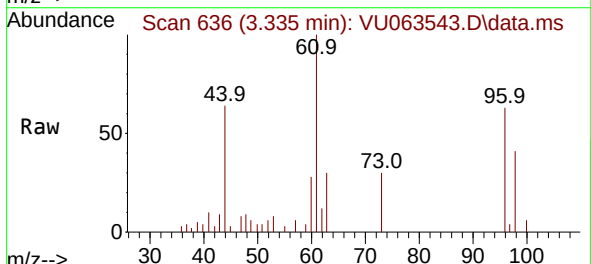
Ion	Ratio	Lower	Upper
84	100		
49	129.3	103.8	155.8
51	41.6	0.0	80.4
86	62.6	51.1	76.7

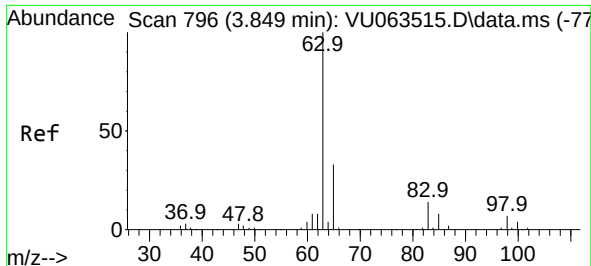


#16
trans-1,2-Dichloroethene
Concen: 0.829 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion: 96 Resp: 5417

Ion	Ratio	Lower	Upper
96	100		
61	159.8	117.2	175.8
98	65.9	51.4	77.2





#17

1,1-Dichloroethane

Concen: 0.876 ug/l

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

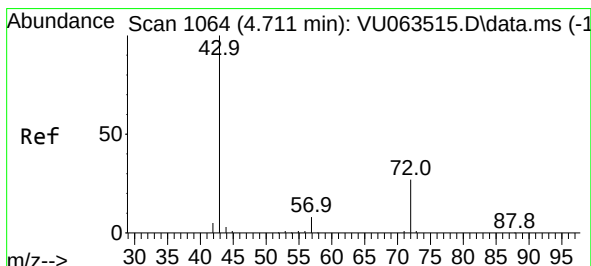
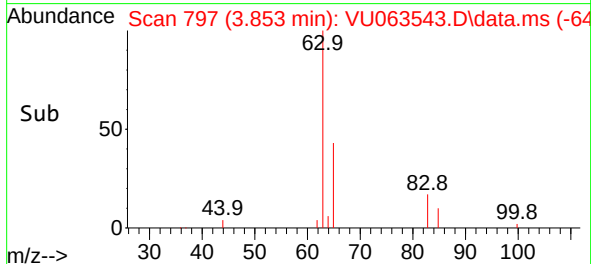
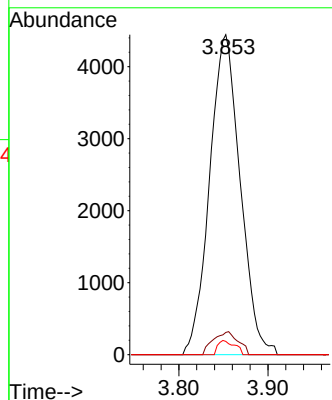
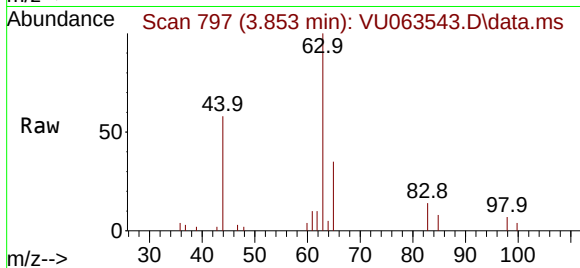
Tgt Ion: 63 Resp: 10611

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.1 2.1 6.2



#18

2-Butanone

Concen: 4.225 ug/l

RT: 4.718 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VU063543.D

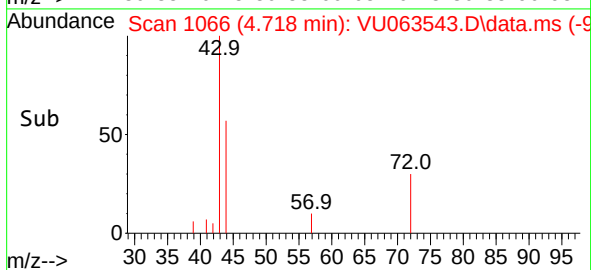
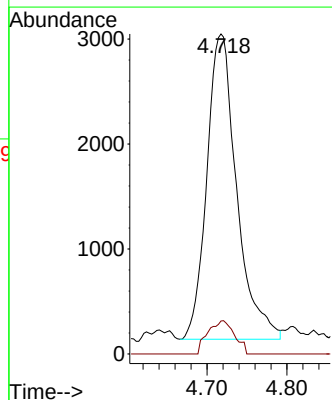
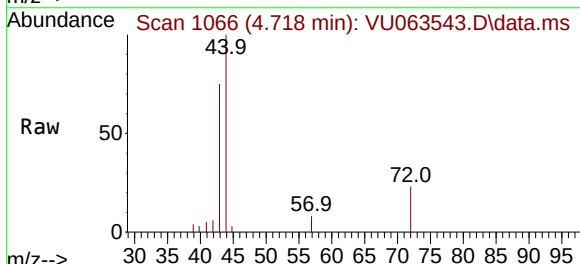
Acq: 18 Jul 2025 18:26

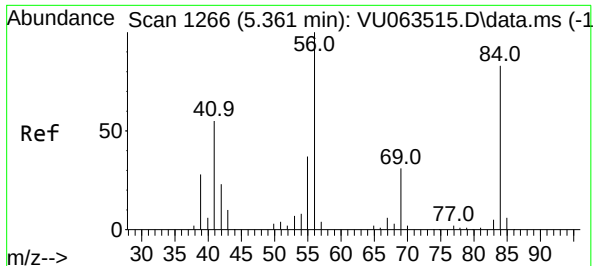
Tgt Ion: 43 Resp: 7540

Ion Ratio Lower Upper

43 100

57 10.8 0.0 16.4





#19

Cyclohexane

Concen: 0.858 ug/l

RT: 5.364 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

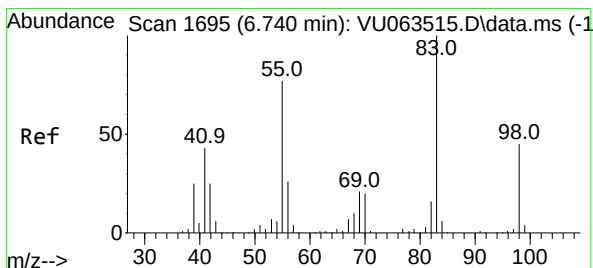
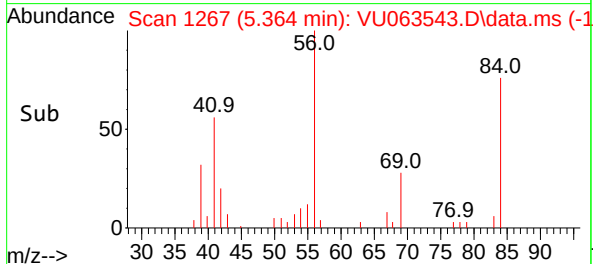
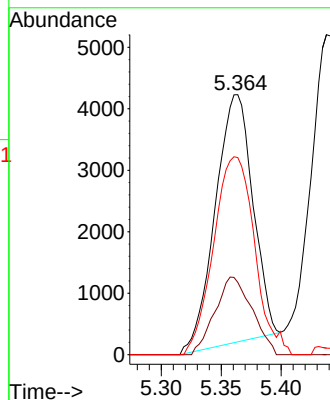
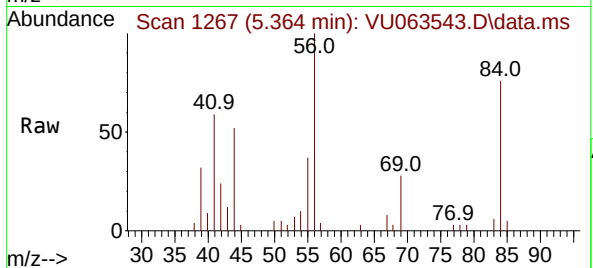
Tgt Ion: 56 Resp: 8798

Ion Ratio Lower Upper

56 100

69 30.9 26.6 39.8

84 87.0 71.0 106.4



#20

Methylcyclohexane

Concen: 0.718 ug/l

RT: 6.743 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

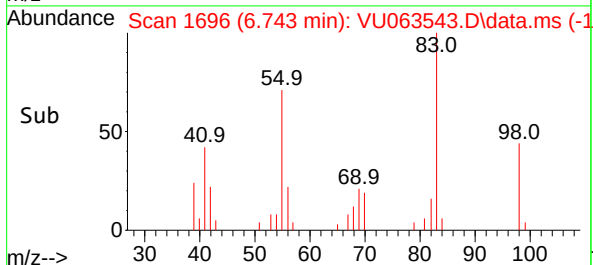
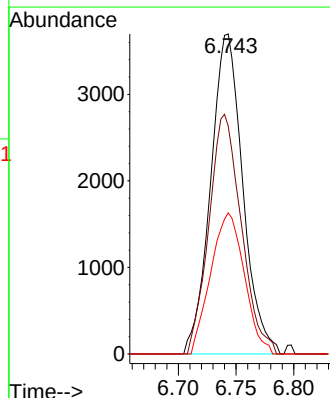
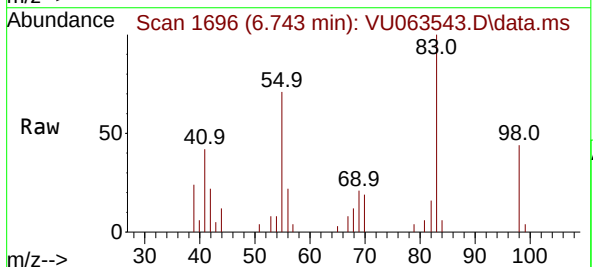
Tgt Ion: 83 Resp: 7157

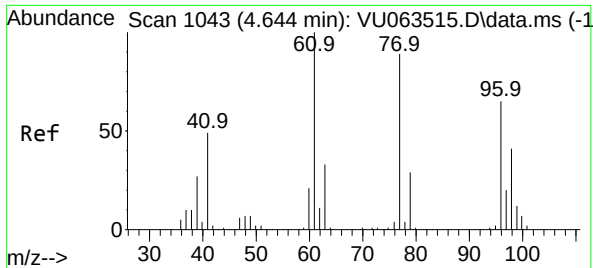
Ion Ratio Lower Upper

83 100

55 75.5 60.6 90.8

98 46.1 35.8 53.8





#21

2,2-Dichloropropane

Concen: 0.714 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

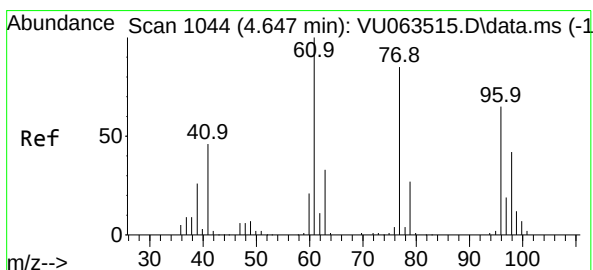
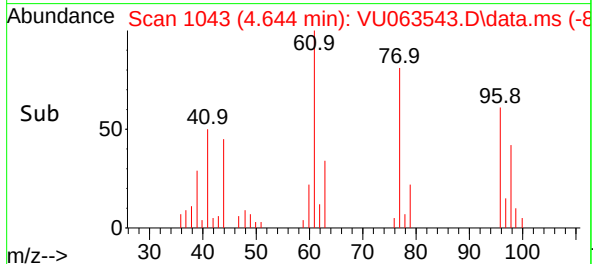
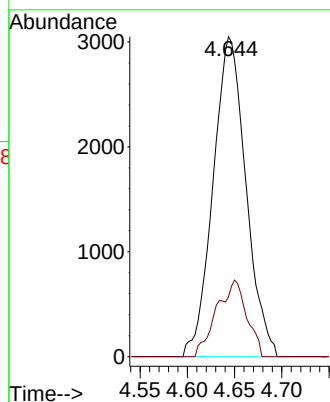
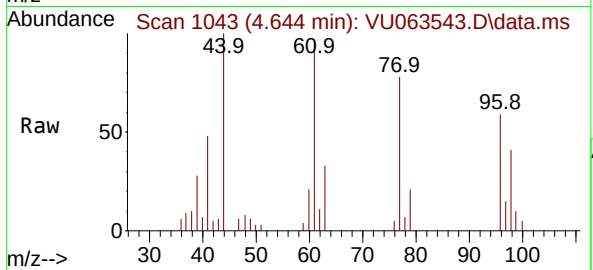
RL-CHECK

Tgt Ion: 77 Resp: 7357

Ion Ratio Lower Upper

77 100

97 21.9 17.8 26.8



#22

cis-1,2-Dichloroethene

Concen: 0.892 ug/l

RT: 4.653 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

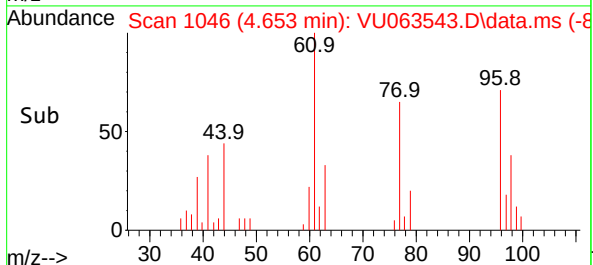
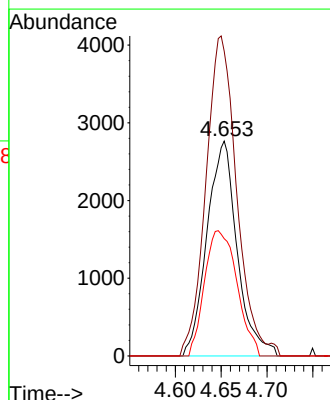
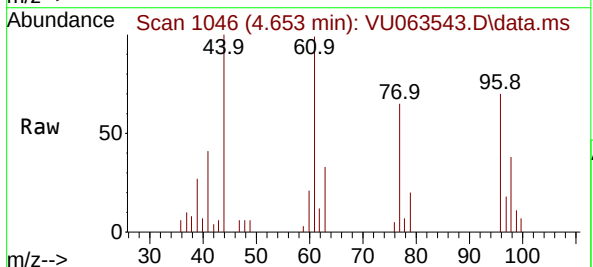
Tgt Ion: 96 Resp: 6326

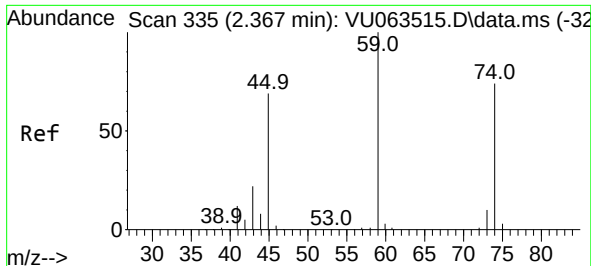
Ion Ratio Lower Upper

96 100

61 152.3 0.0 384.7

98 62.6 32.1 96.3





#23

Diethyl Ether

Concen: 0.838 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

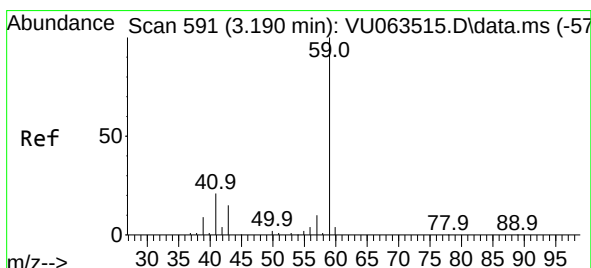
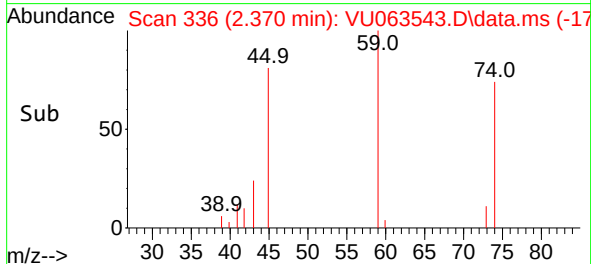
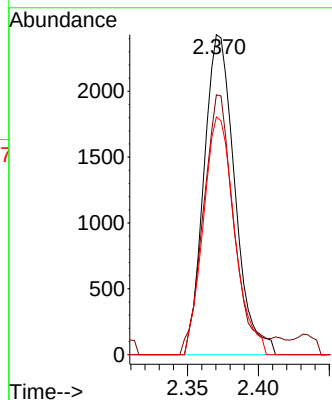
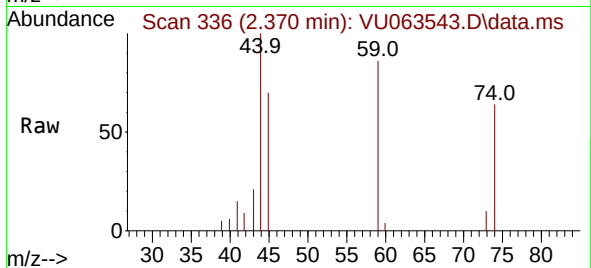
Tgt Ion: 59 Resp: 3671

Ion Ratio Lower Upper

59 100

45 80.7 55.1 82.7

74 75.5 58.2 87.4



#24

tert-Butyl Alcohol

Concen: 8.893 ug/l

RT: 3.193 min Scan# 592

Delta R.T. 0.003 min

Lab File: VU063543.D

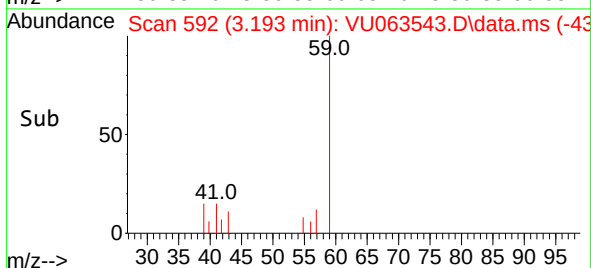
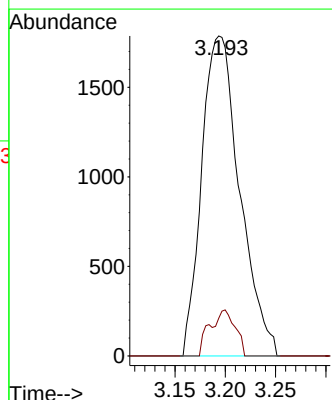
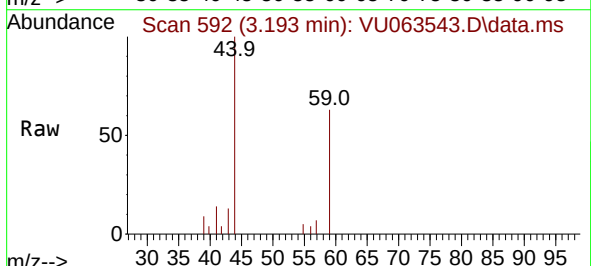
Acq: 18 Jul 2025 18:26

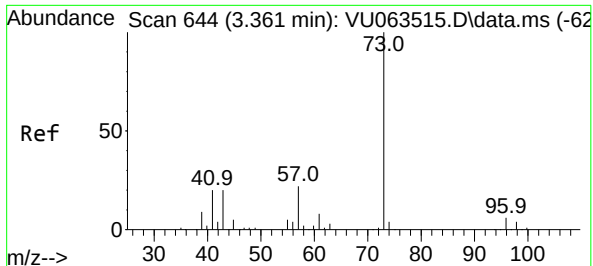
Tgt Ion: 59 Resp: 4705

Ion Ratio Lower Upper

59 100

57 9.5 8.6 12.8

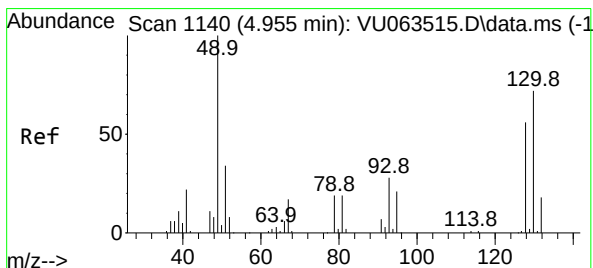
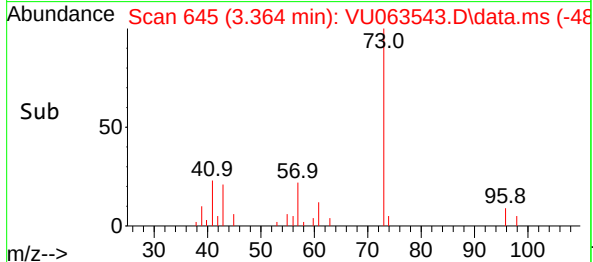
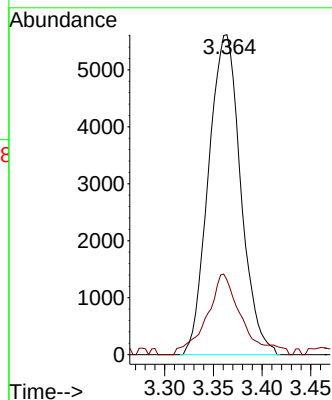
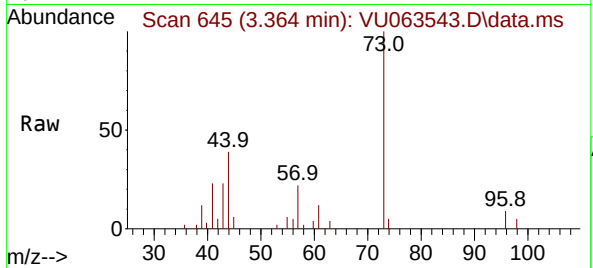




#25
Methyl tert-Butyl Ether
Concen: 0.860 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

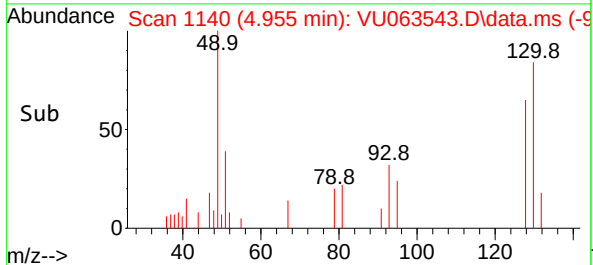
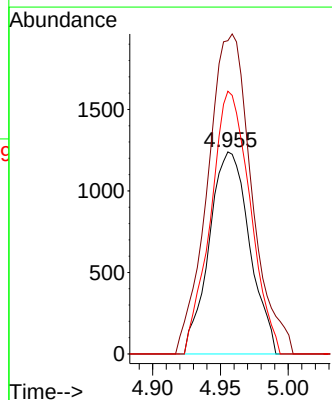
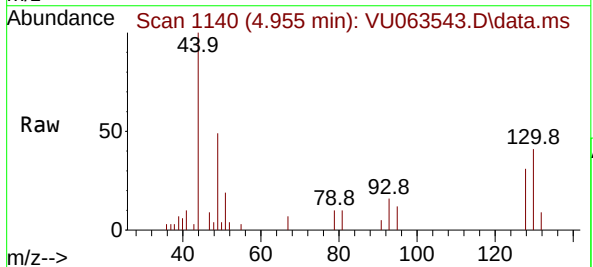
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

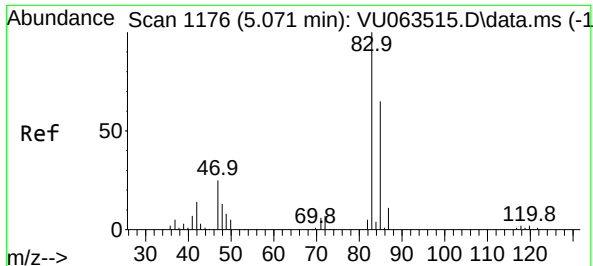
Tgt Ion: 73 Resp: 12913
Ion Ratio Lower Upper
73 100
43 27.0 16.2 24.2#



#26
Bromochloromethane
Concen: 0.867 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion: 128 Resp: 2567
Ion Ratio Lower Upper
128 100
49 173.2 0.0 340.8
130 127.5 100.5 150.7





#27

Chloroform

Concen: 0.893 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

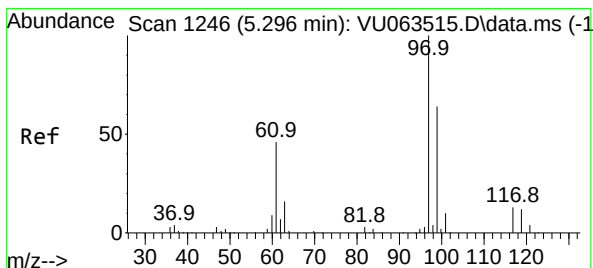
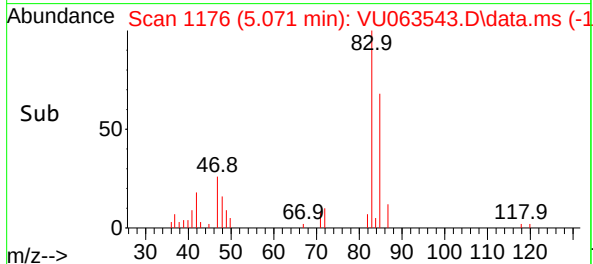
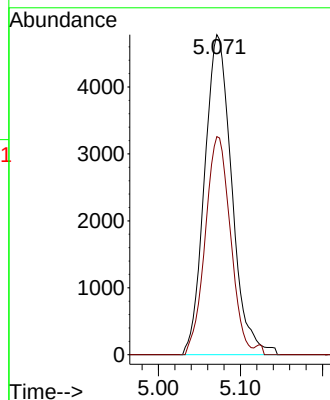
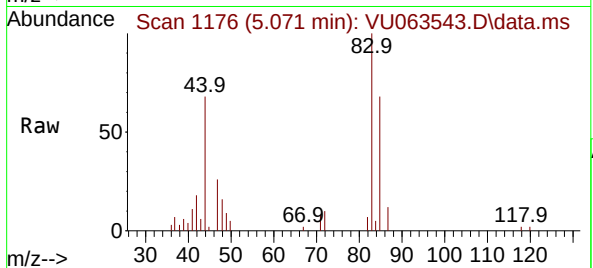
RL-CHECK

Tgt Ion: 83 Resp: 11035

Ion Ratio Lower Upper

83 100

85 68.1 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 0.847 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

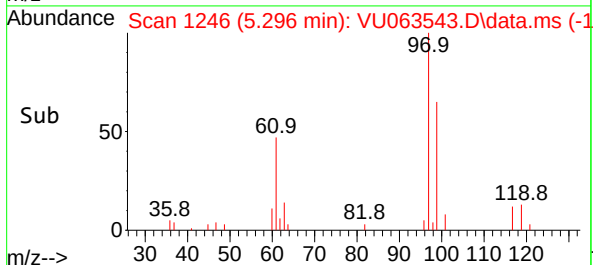
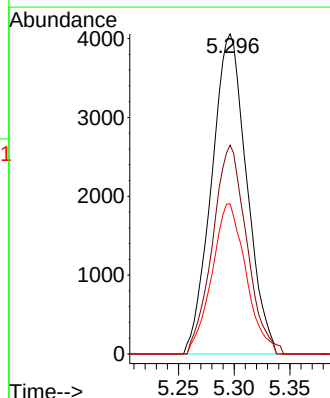
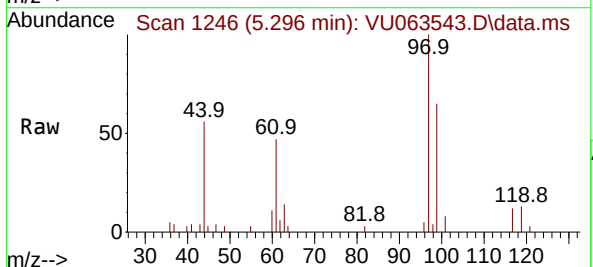
Tgt Ion: 97 Resp: 8878

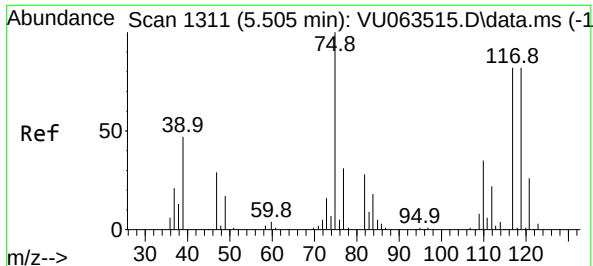
Ion Ratio Lower Upper

97 100

99 63.6 31.8 95.3

61 45.4 23.3 69.9





#29

1,1-Dichloropropene

Concen: 0.856 ug/l

RT: 5.505 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

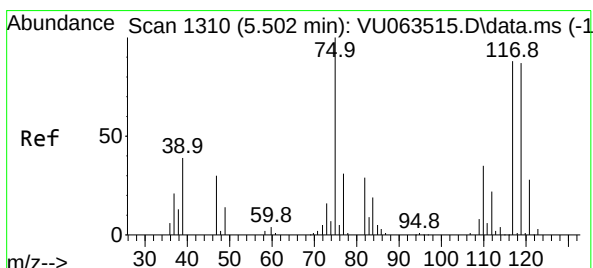
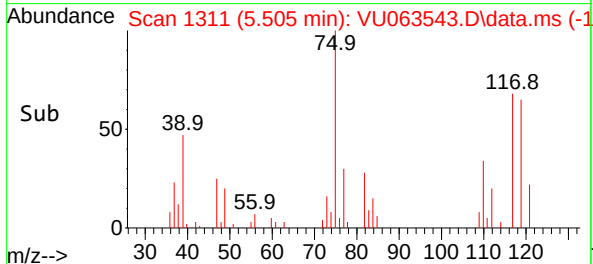
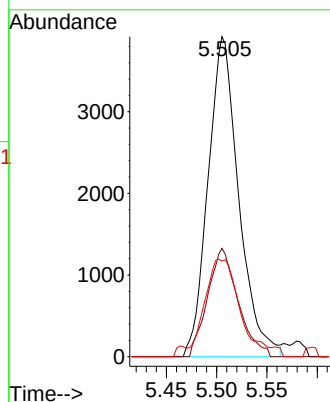
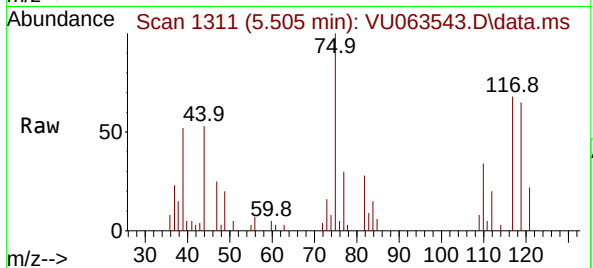
Tgt Ion: 75 Resp: 8318

Ion Ratio Lower Upper

75 100

110 33.5 17.8 53.4

77 30.6 24.6 37.0



#30

Carbon Tetrachloride

Concen: 0.752 ug/l

RT: 5.499 min Scan# 1309

Delta R.T. -0.003 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

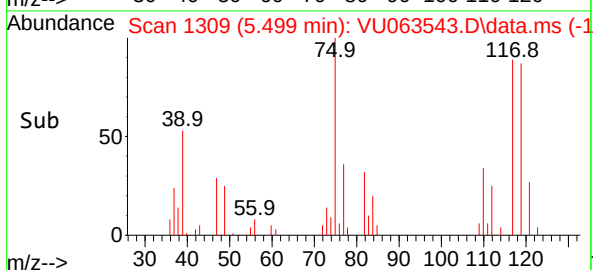
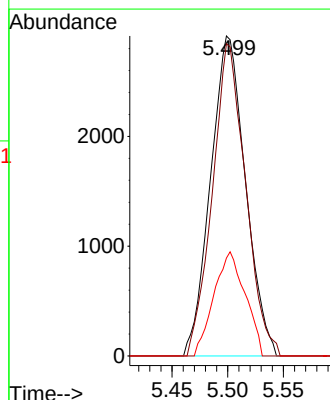
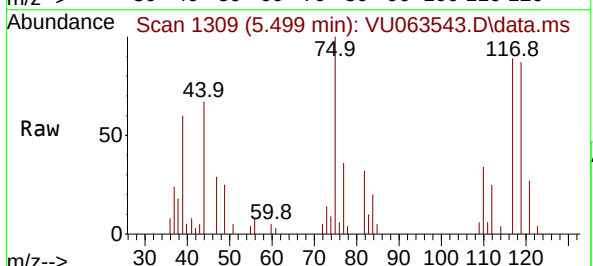
Tgt Ion: 117 Resp: 6346

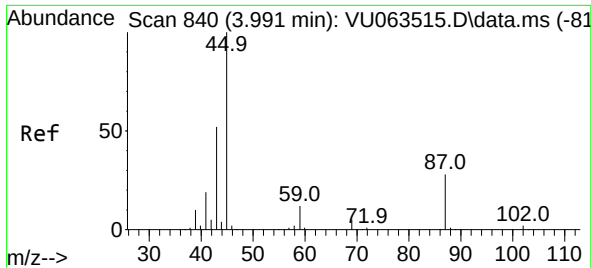
Ion Ratio Lower Upper

117 100

119 97.6 79.2 118.8

121 30.6 25.5 38.3

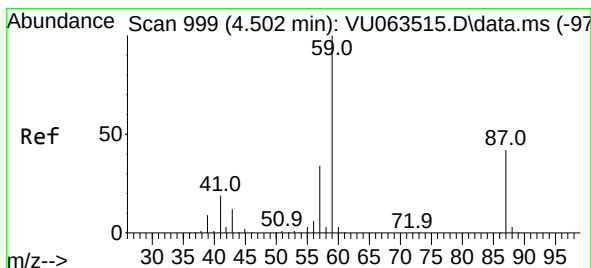
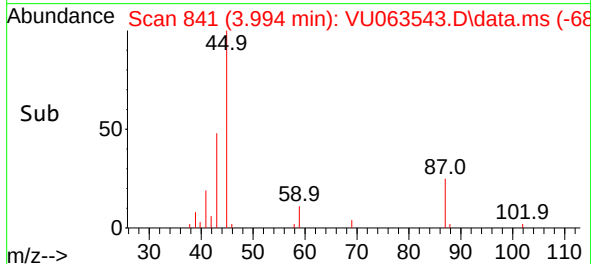
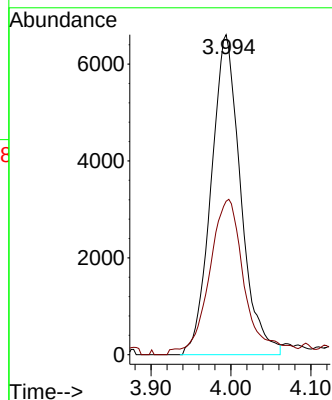
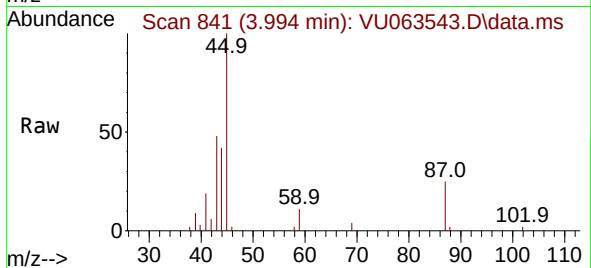




#31
Isopropyl Ether
Concen: 0.927 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

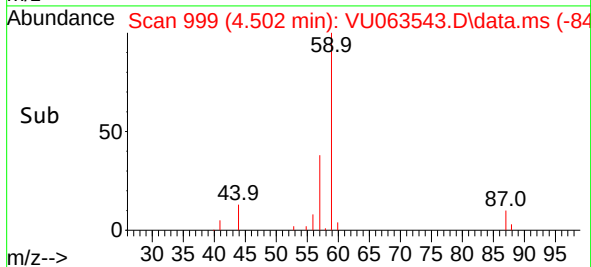
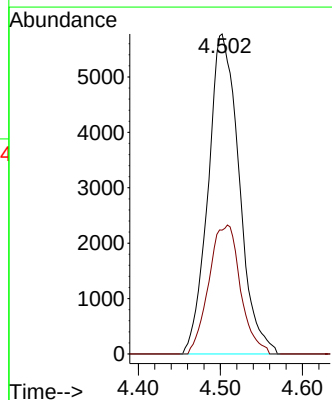
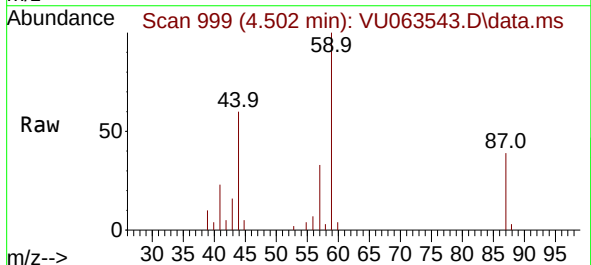
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

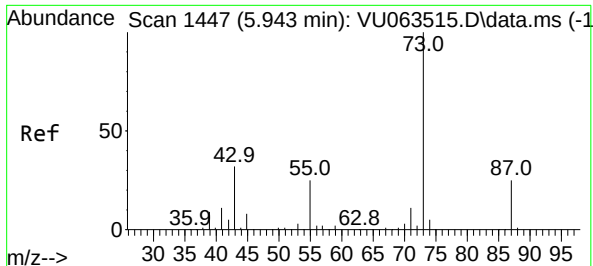
Tgt Ion: 45 Resp: 16941
Ion Ratio Lower Upper
45 100
43 57.8 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 0.894 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion: 59 Resp: 15127
Ion Ratio Lower Upper
59 100
87 41.1 32.6 49.0

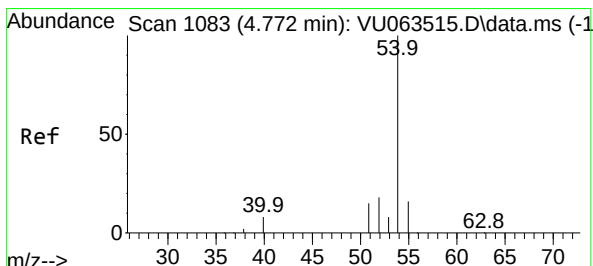
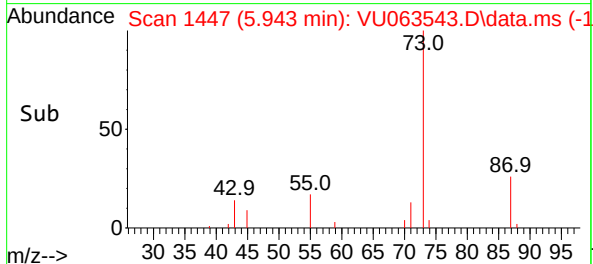
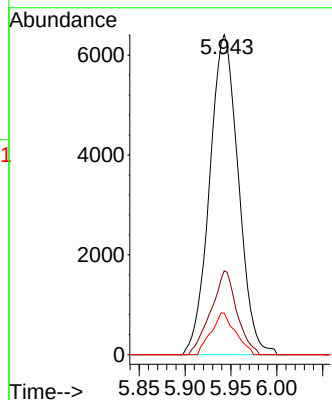
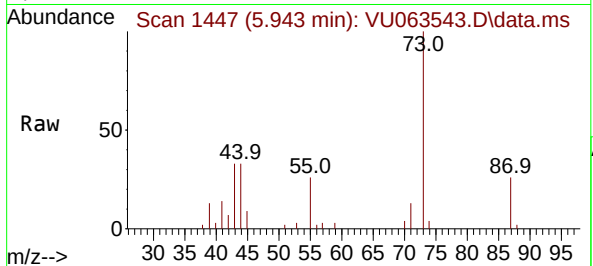




#33
Tert-Amyl methyl ether
Concen: 0.953 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

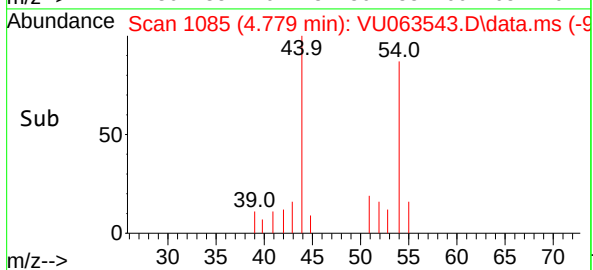
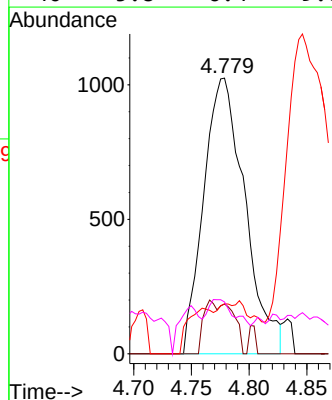
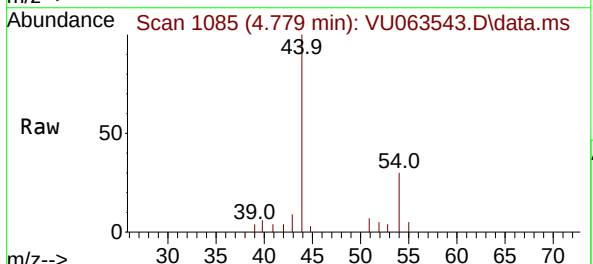
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

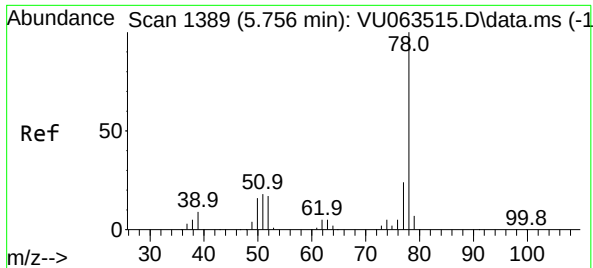
Tgt Ion: 73	Resp: 13991
Ion Ratio	Lower Upper
73	100
87	23.6 19.4 29.2
71	11.0 8.9 13.3



#34
Propionitrile
Concen: 4.686 ug/l
RT: 4.779 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion: 54	Resp: 2548
Ion Ratio	Lower Upper
54	100
52	6.4 17.0 25.4#
55	10.0 13.6 20.4#
40	5.8 6.4 9.6#

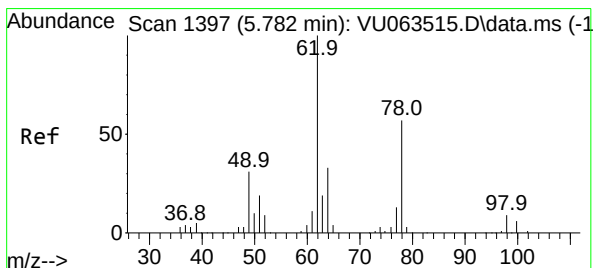
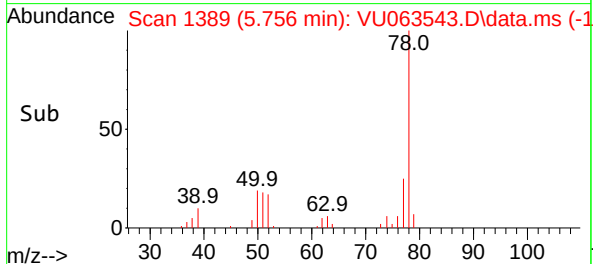
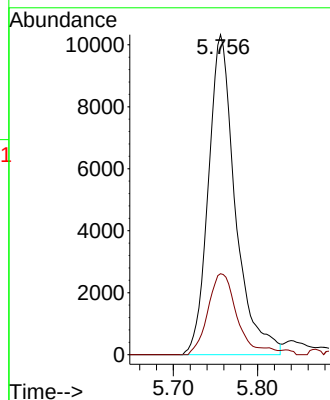
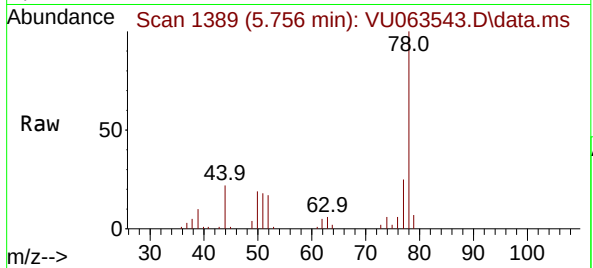




#35
Benzene
Concen: 0.877 ug/l
RT: 5.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

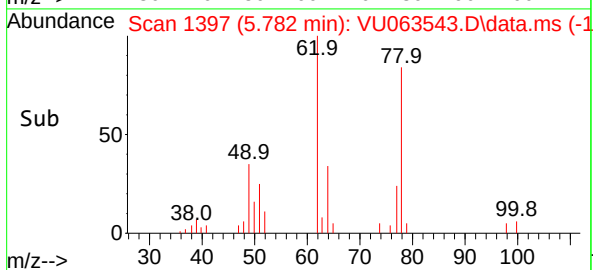
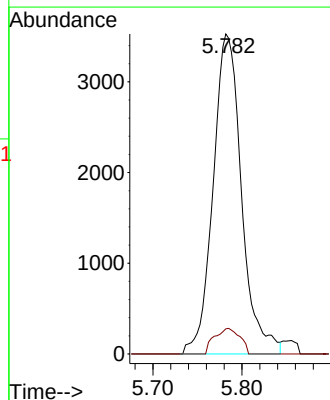
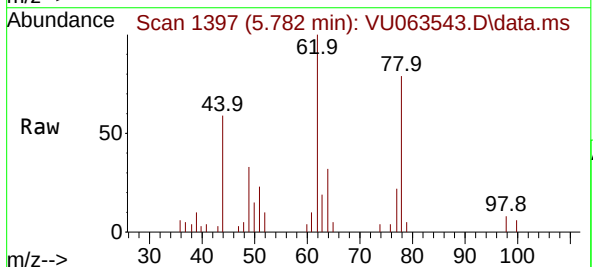
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

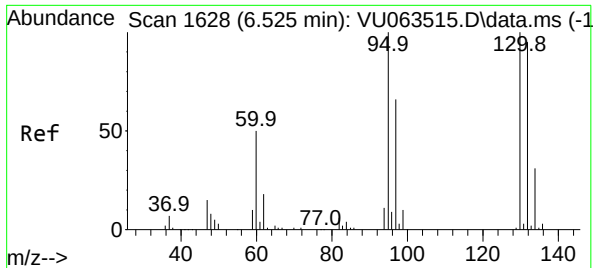
Tgt Ion: 78 Resp: 22898
Ion Ratio Lower Upper
78 100
77 25.3 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.965 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion: 62 Resp: 7822
Ion Ratio Lower Upper
62 100
98 7.1 6.4 9.6

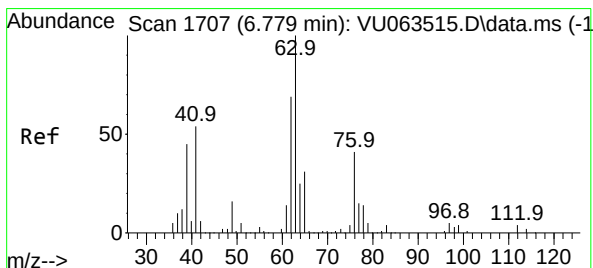
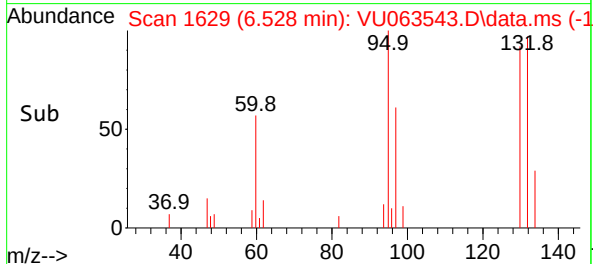
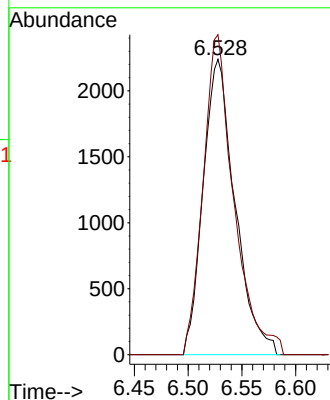
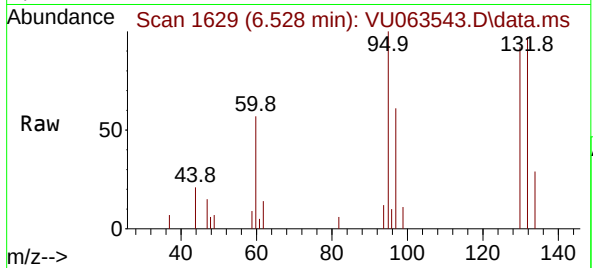




#37
Trichloroethene
Concen: 0.693 ug/l
RT: 6.528 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

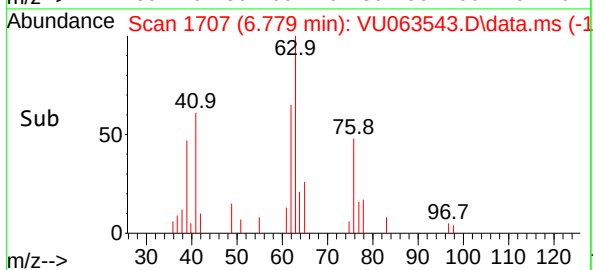
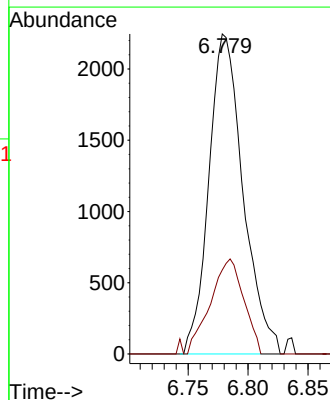
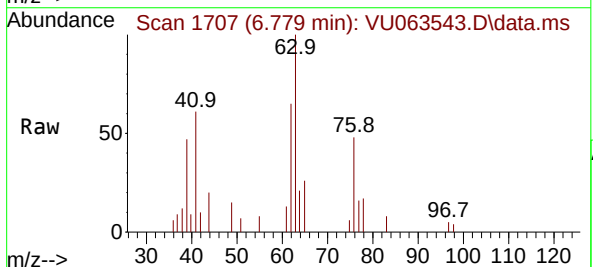
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

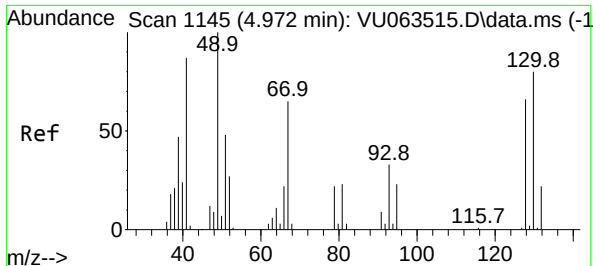
Tgt Ion:130 Resp: 4616
Ion Ratio Lower Upper
130 100
95 108.4 80.3 120.5



#38
1,2-Dichloropropane
Concen: 0.731 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion: 63 Resp: 4463
Ion Ratio Lower Upper
63 100
65 26.3 24.6 36.8





#39

Methacrylonitrile

Concen: 1.012 ug/l

RT: 4.975 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 41 Resp: 2446

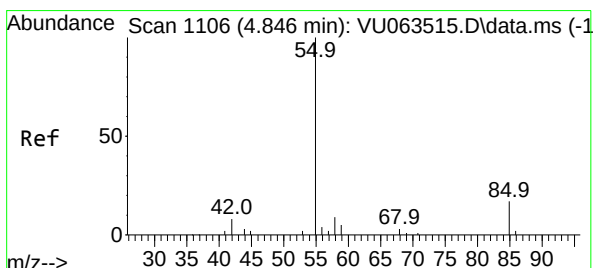
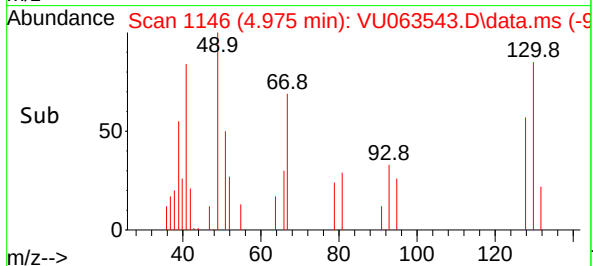
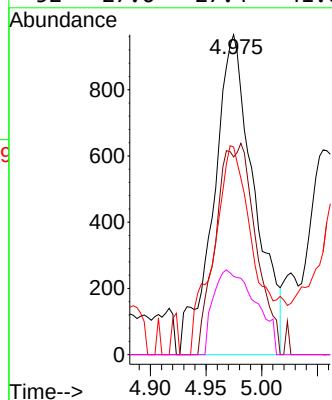
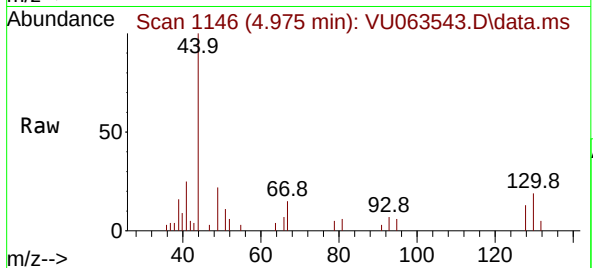
Ion Ratio Lower Upper

41 100

67 31.2 62.7 94.1#

39 63.9 43.1 64.7

52 27.6 27.4 41.0



#40

Methyl acrylate

Concen: 0.795 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Tgt Ion: 55 Resp: 2808

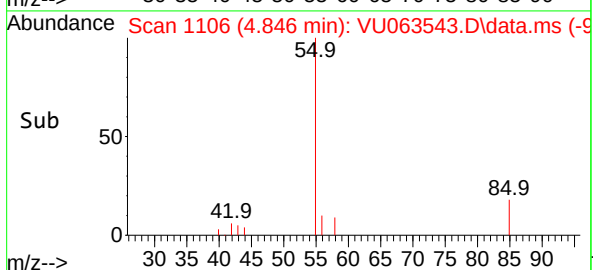
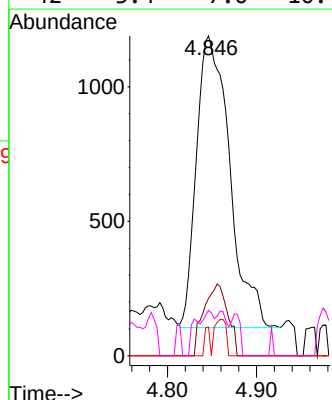
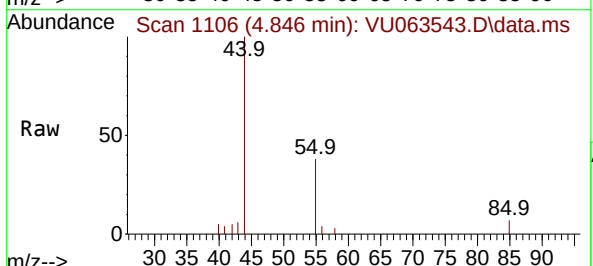
Ion Ratio Lower Upper

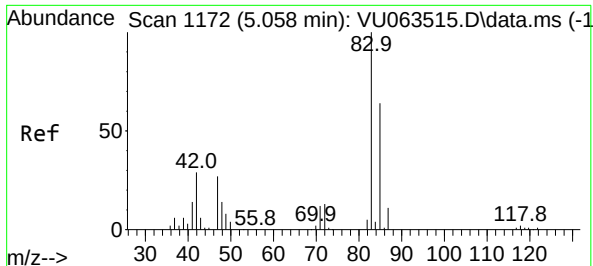
55 100

85 0.0 12.8 19.2#

58 1.5 7.0 10.4#

42 3.4 7.0 10.4#





#41

Tetrahydrofuran

Concen: 2.190 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. -0.003 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

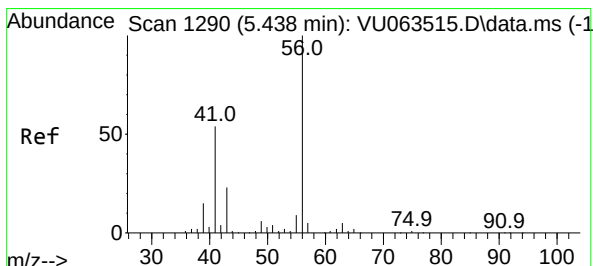
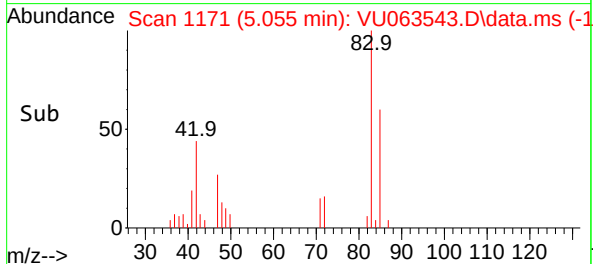
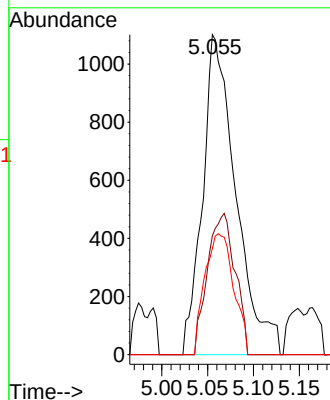
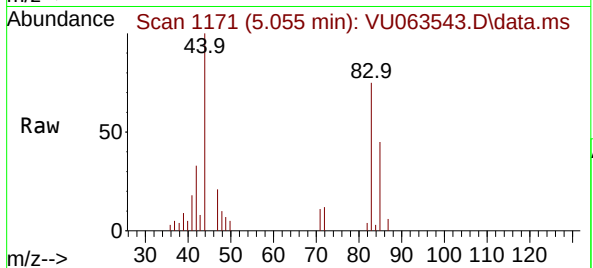
Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion:	42	Resp:	2785
Ion	Ratio	Lower	Upper
42	100		
72	36.6	39.2	58.8#
71	32.6	34.8	52.2#



#42

1-Chlorobutane

Concen: 0.813 ug/l

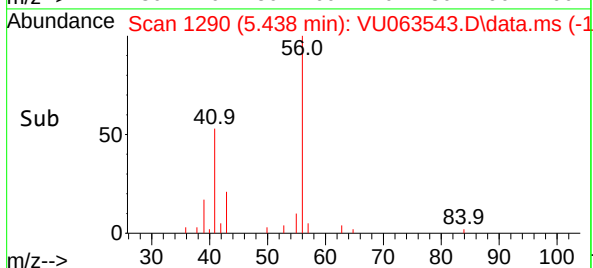
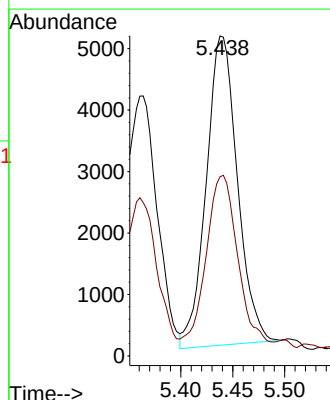
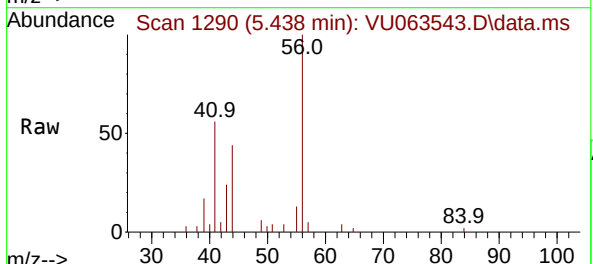
RT: 5.438 min Scan# 1290

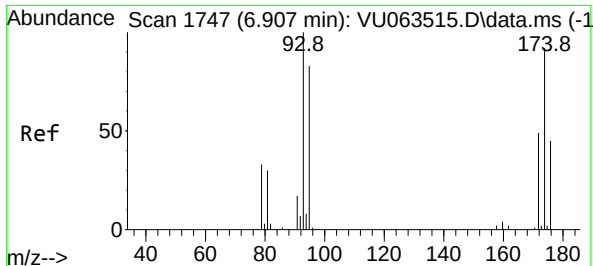
Delta R.T. -0.000 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Tgt Ion:	56	Resp:	10500
Ion	Ratio	Lower	Upper
56	100		
41	54.6	26.7	80.0



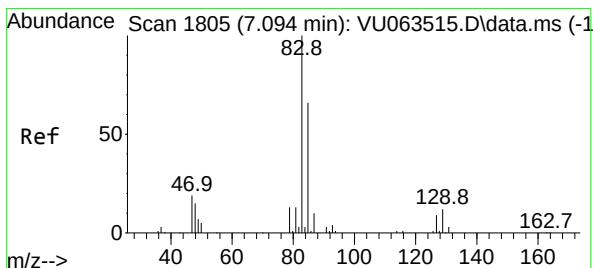
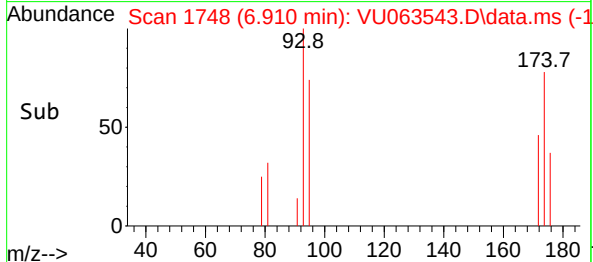
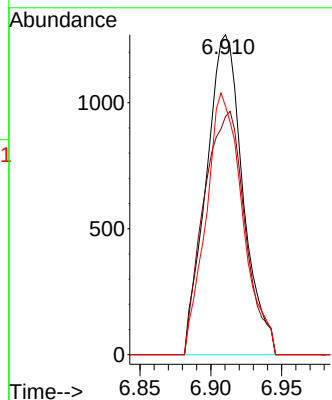
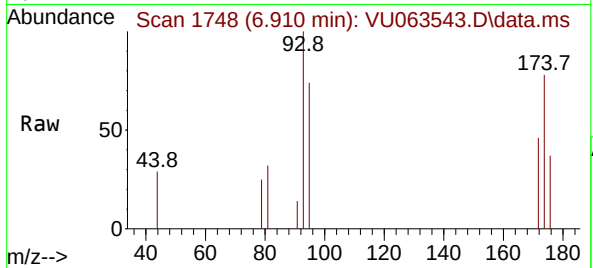


#43
Dibromomethane
Concen: 0.722 ug/l
RT: 6.910 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 93 Resp: 2283

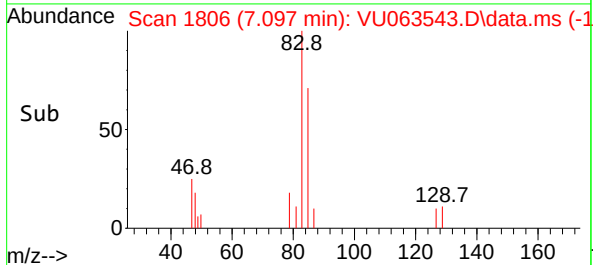
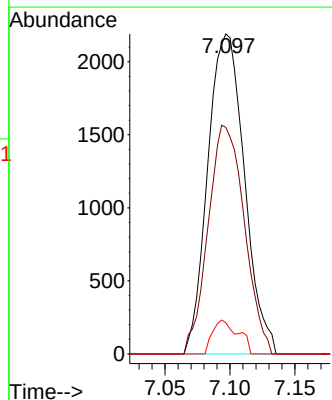
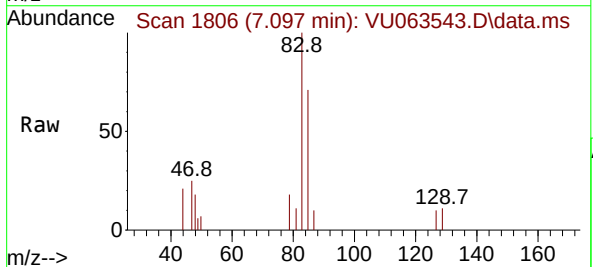
Ion	Ratio	Lower	Upper
93	100		
95	85.7	67.9	101.9
174	82.0	74.6	111.8

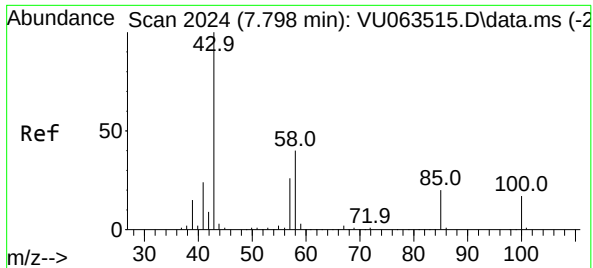


#44
Bromodichloromethane
Concen: 0.602 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion: 83 Resp: 4298

Ion	Ratio	Lower	Upper
83	100		
85	70.8	52.7	79.1
127	9.8	8.1	12.1

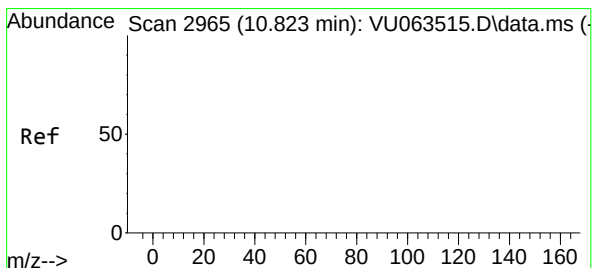
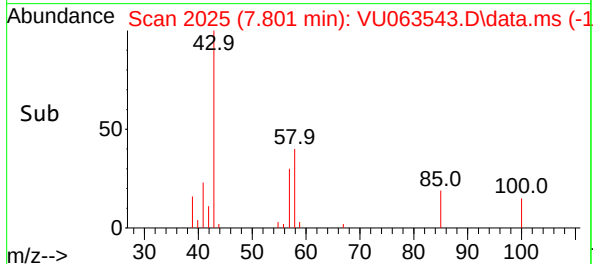
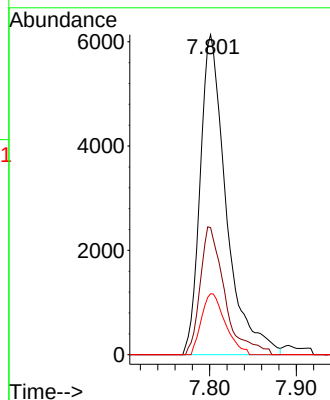
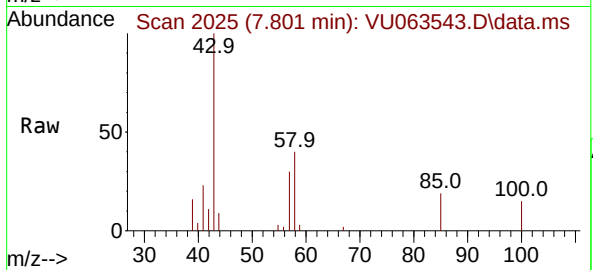




#45
4-Methyl-2-Pentanone
Concen: 3.929 ug/l
RT: 7.801 min Scan# 2025
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

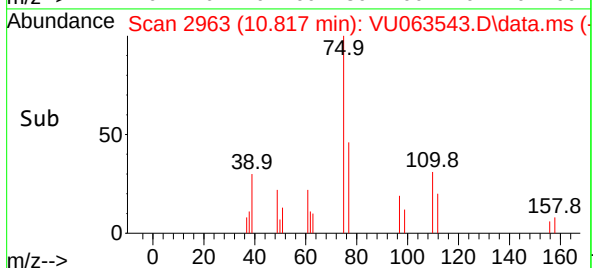
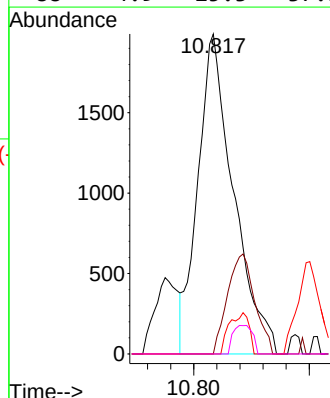
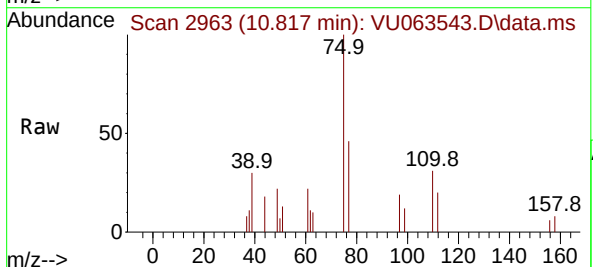
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

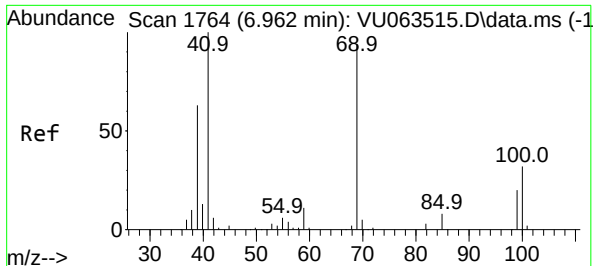
Tgt Ion: 43 Resp: 12812
Ion Ratio Lower Upper
43 100
58 37.7 20.0 60.0
85 17.4 15.4 23.0



#46
t-1,4-Dichloro-2-butene
Concen: 3.470 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.006 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion: 75 Resp: 4248
Ion Ratio Lower Upper
75 100
53 23.9 48.4 72.6#
89 7.1 30.6 45.8#
88 4.9 25.3 37.9#





#47

Methyl methacrylate

Concen: 1.489 ug/l

RT: 6.968 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 69 Resp: 3957

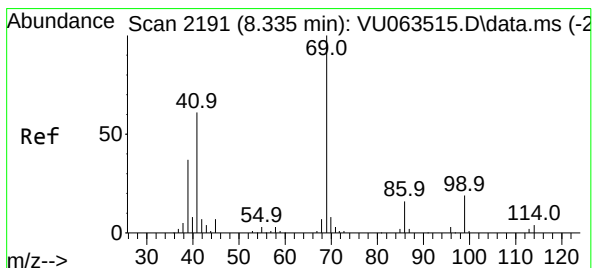
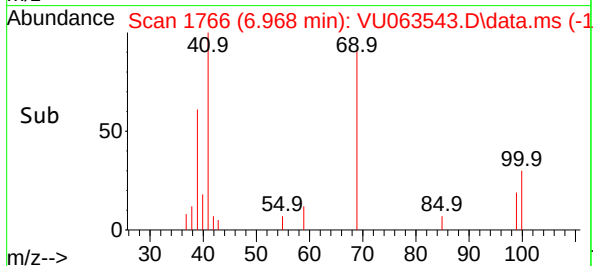
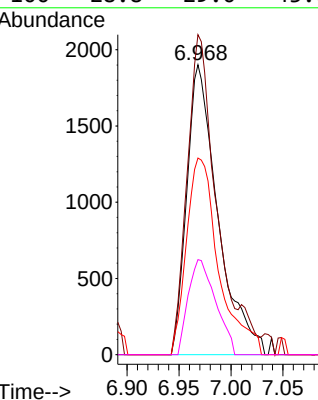
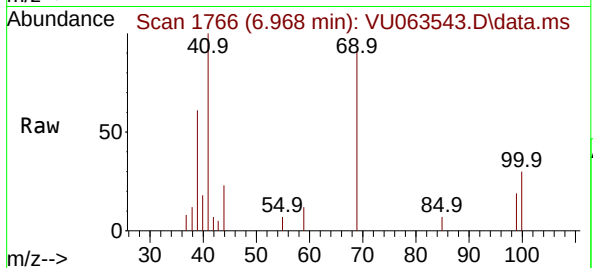
Ion Ratio Lower Upper

69 100

41 99.0 0.0 224.0

39 70.3 55.3 82.9

100 28.8 29.0 43.6#



#48

Ethyl methacrylate

Concen: 0.692 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.003 min

Lab File: VU063543.D

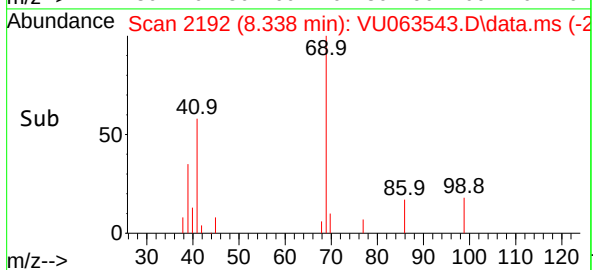
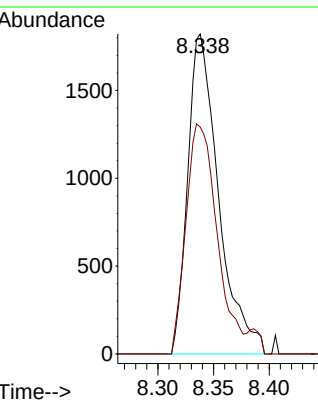
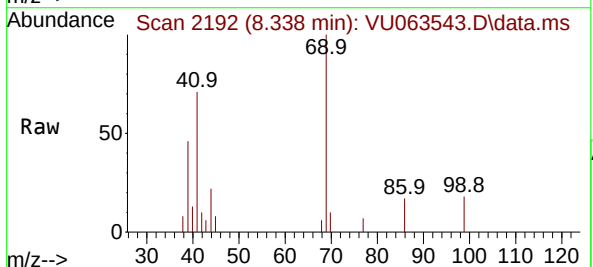
Acq: 18 Jul 2025 18:26

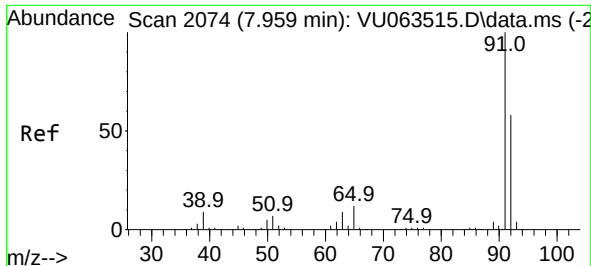
Tgt Ion: 69 Resp: 3510

Ion Ratio Lower Upper

69 100

41 72.3 30.8 92.4





#49

Toluene

Concen: 0.750 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

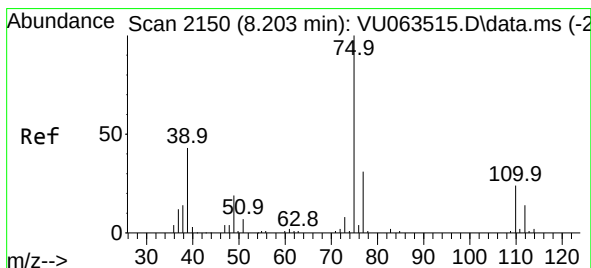
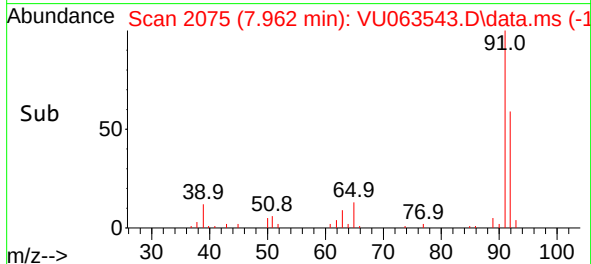
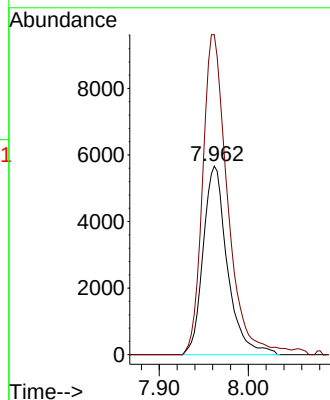
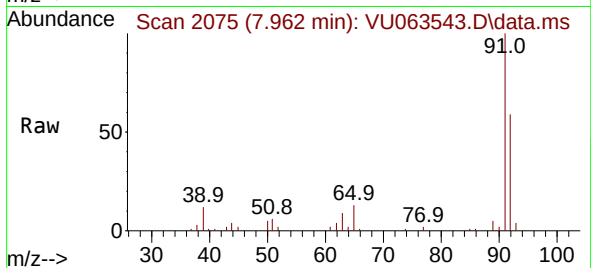
RL-CHECK

Tgt Ion: 92 Resp: 10689

Ion Ratio Lower Upper

92 100

91 175.6 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 0.536 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU063543.D

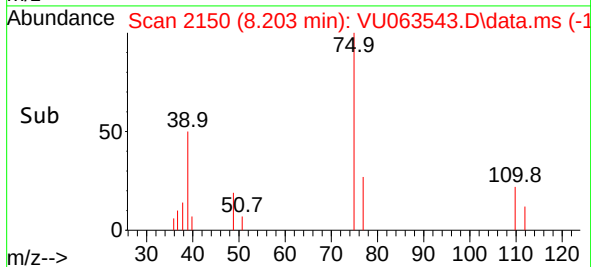
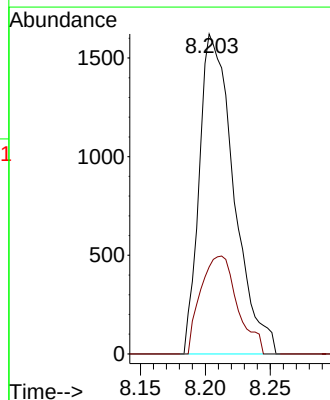
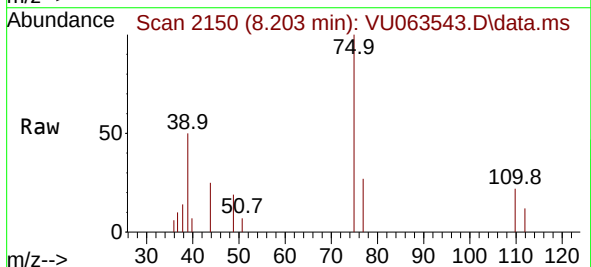
Acq: 18 Jul 2025 18:26

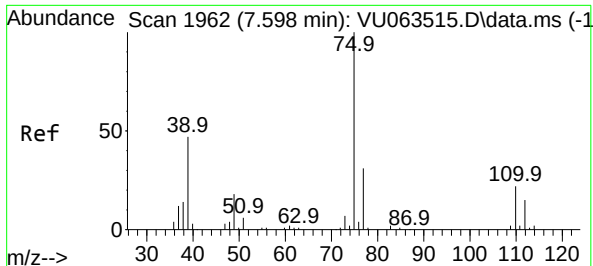
Tgt Ion: 75 Resp: 2998

Ion Ratio Lower Upper

75 100

77 27.2 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 0.551 ug/l

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

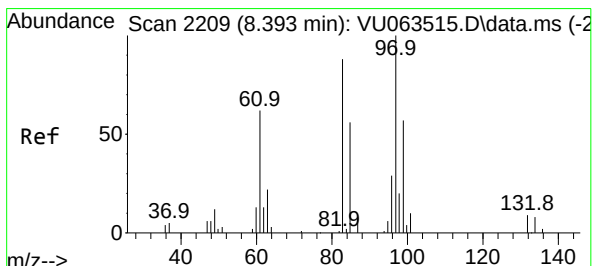
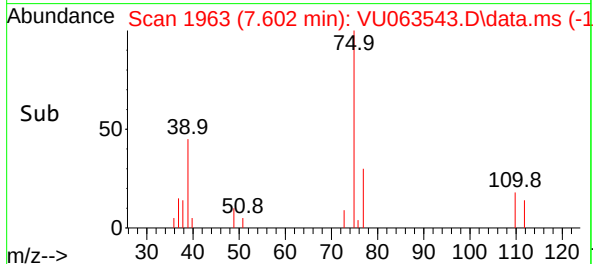
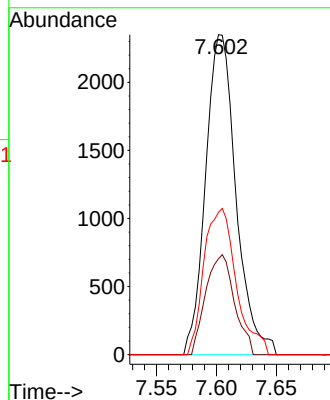
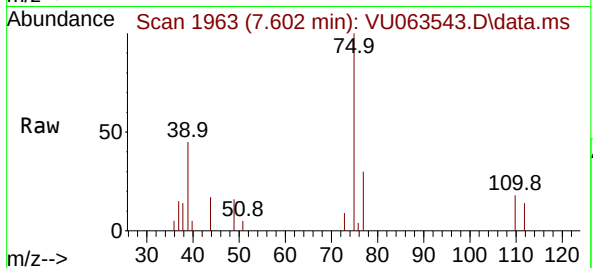
Tgt Ion: 75 Resp: 4140

Ion Ratio Lower Upper

75 100

77 29.9 25.1 37.7

39 44.5 37.8 56.6



#52

1,1,2-Trichloroethane

Concen: 0.770 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Tgt Ion: 97 Resp: 3279

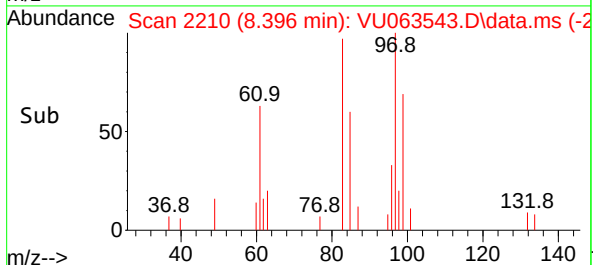
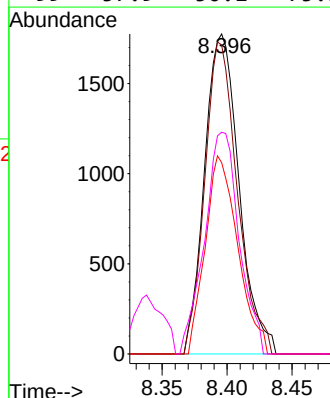
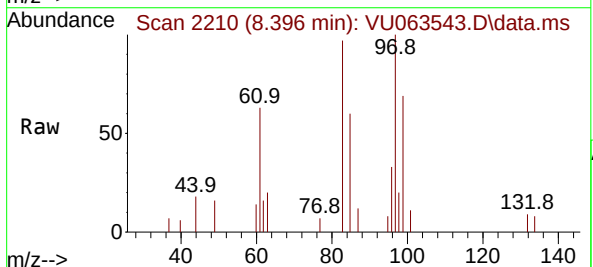
Ion Ratio Lower Upper

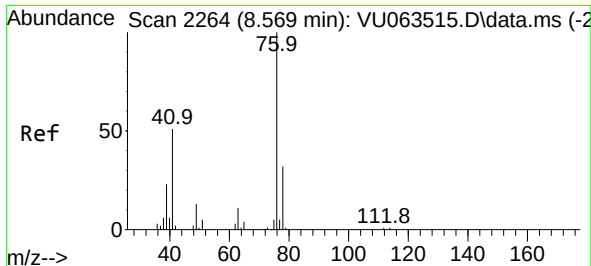
97 100

83 80.7 70.2 105.2

85 50.0 45.2 67.8

99 57.9 50.1 75.1





#53

1,3-Dichloropropane

Concen: 0.739 ug/l

RT: 8.569 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

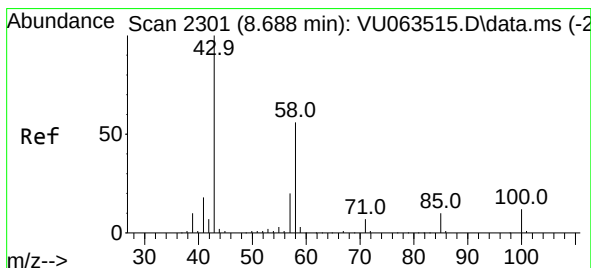
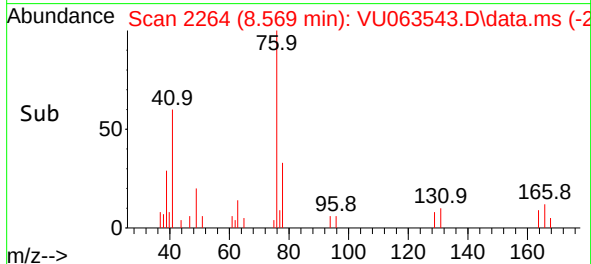
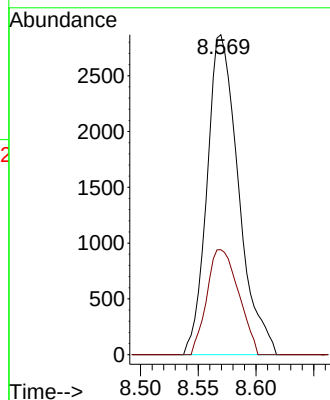
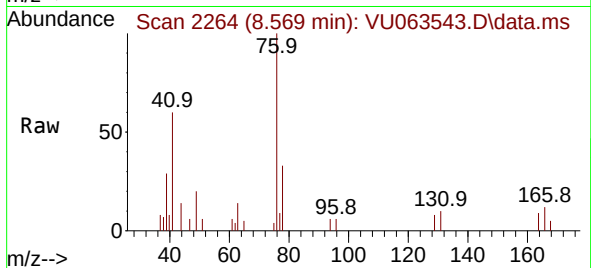
RL-CHECK

Tgt Ion: 76 Resp: 5433

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#54

2-Hexanone

Concen: 3.816 ug/l

RT: 8.698 min Scan# 2304

Delta R.T. 0.010 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

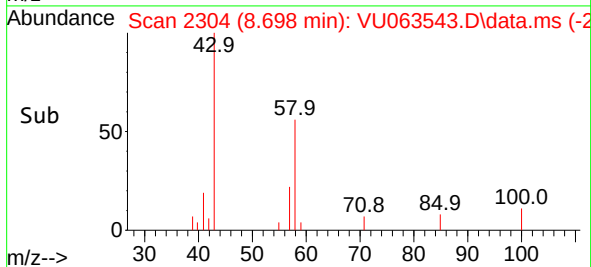
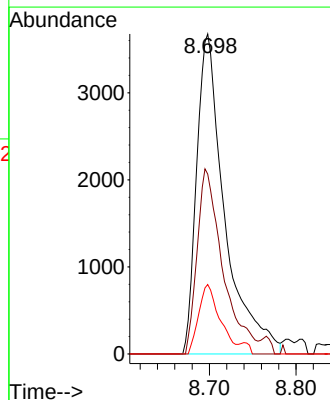
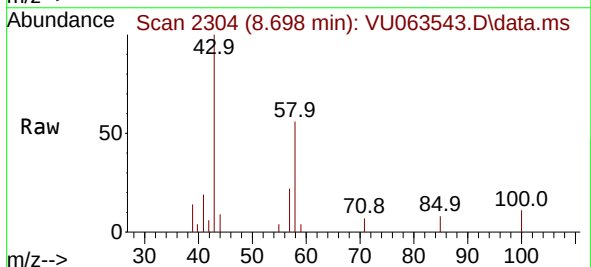
Tgt Ion: 43 Resp: 8266

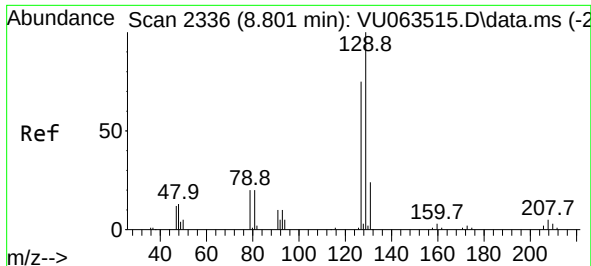
Ion Ratio Lower Upper

43 100

58 52.9 34.8 74.8

57 16.6 0.0 39.5

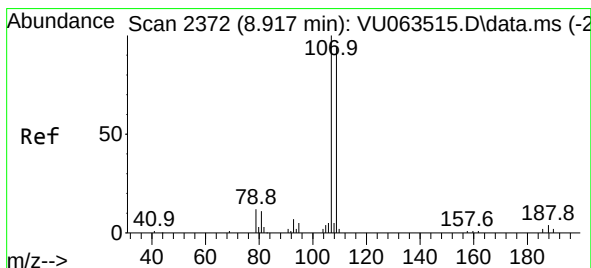
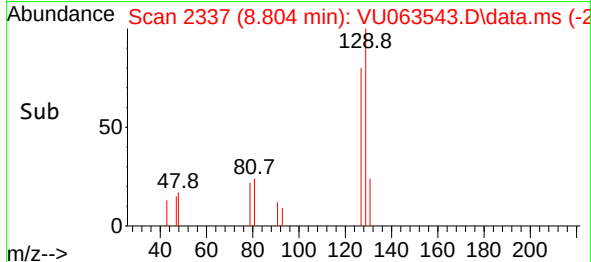
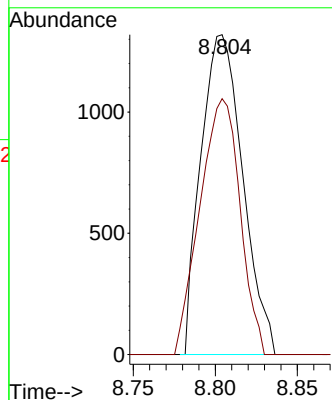
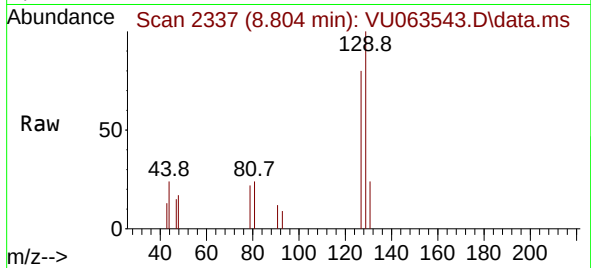




#55
Dibromochloromethane
Concen: 0.520 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

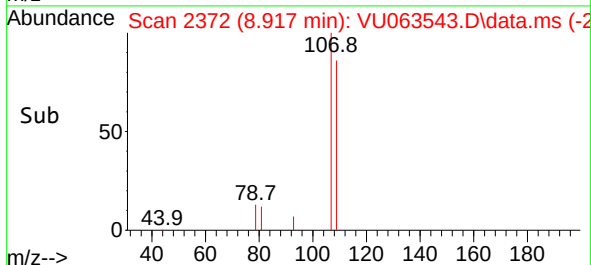
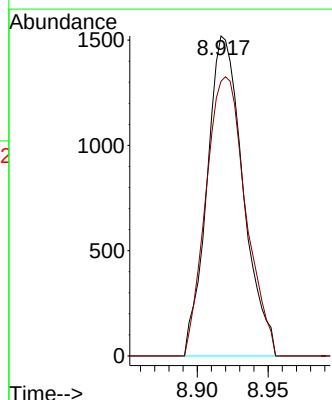
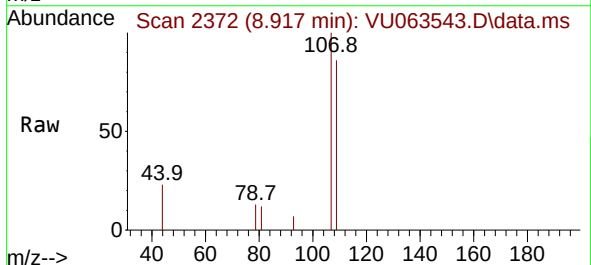
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

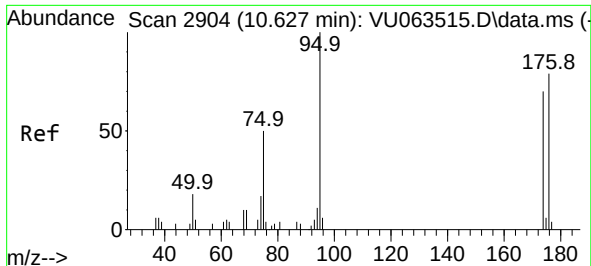
Tgt Ion:129 Resp: 2343
Ion Ratio Lower Upper
129 100
127 76.6 60.1 90.1



#56
1,2-Dibromoethane
Concen: 0.705 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion:107 Resp: 2689
Ion Ratio Lower Upper
107 100
109 95.9 0.0 186.4

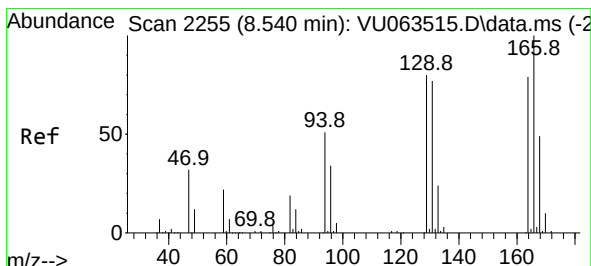
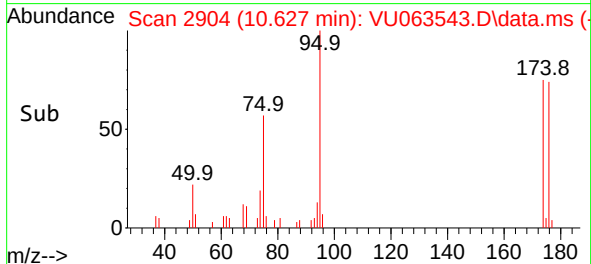
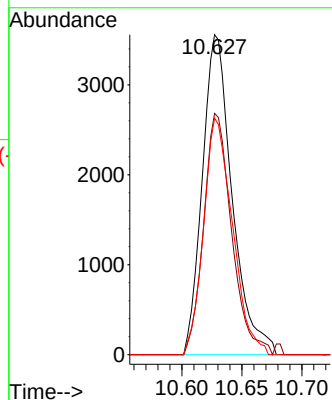
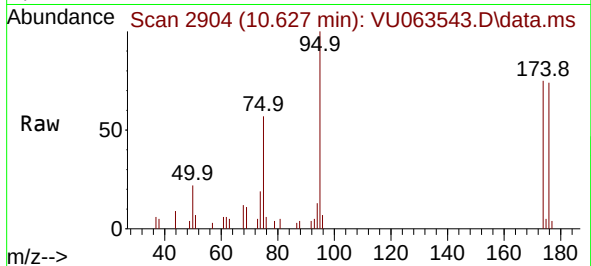




#57
4-Bromofluorobenzene
Concen: 0.734 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

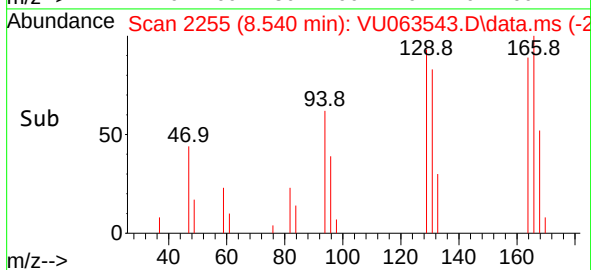
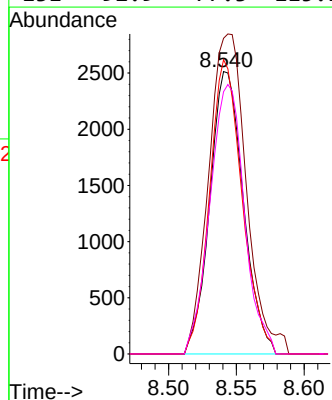
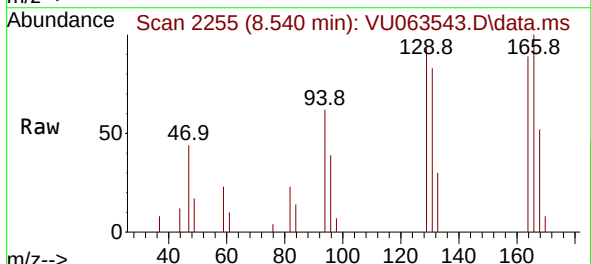
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

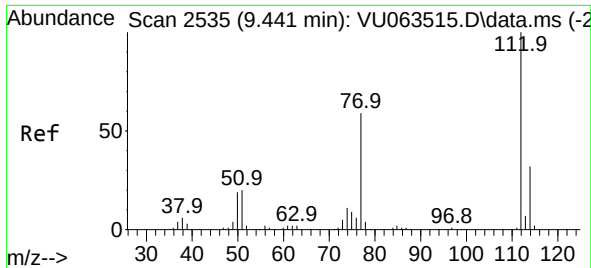
Tgt Ion: 95 Resp: 6153
Ion Ratio Lower Upper
95 100
174 70.8 59.8 89.8
176 71.6 61.8 92.8



#58
Tetrachloroethene
Concen: 0.709 ug/l
RT: 8.540 min Scan# 2255
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion: 164 Resp: 4323
Ion Ratio Lower Upper
164 100
166 111.8 100.7 151.1
129 104.2 80.6 120.8
131 92.9 77.3 115.9

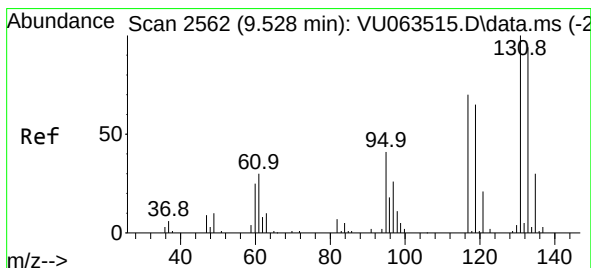
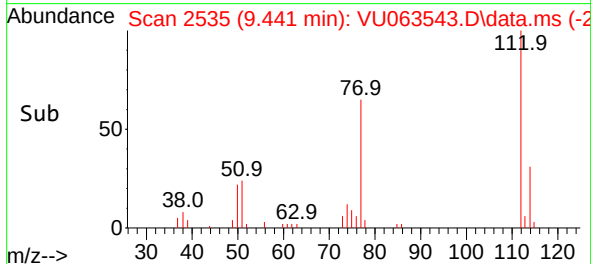
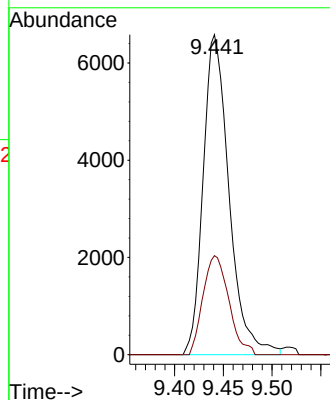
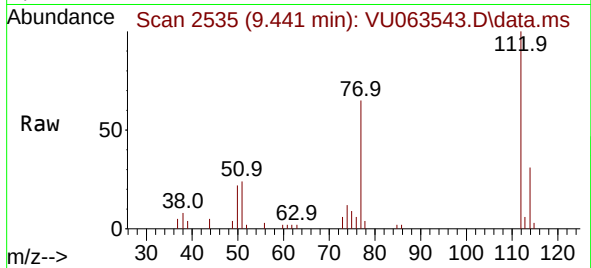




#59
Chlorobenzene
Concen: 0.744 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

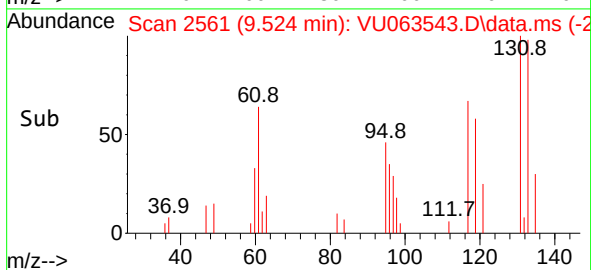
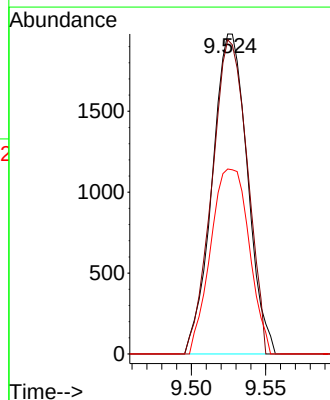
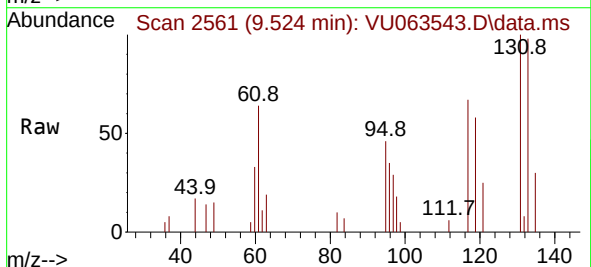
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

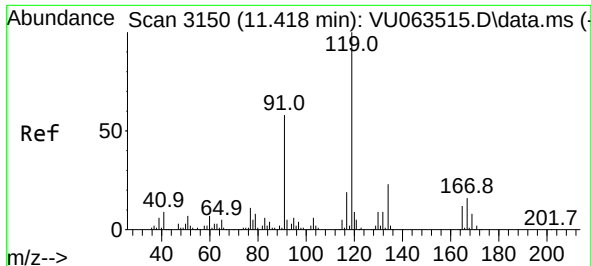
Tgt Ion:112 Resp: 12175
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 0.619 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion:131 Resp: 3258
Ion Ratio Lower Upper
131 100
133 98.7 74.7 112.1
119 63.3 53.0 79.4

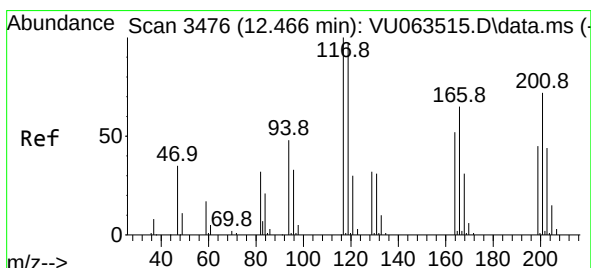
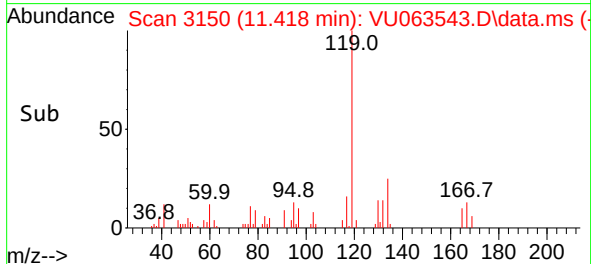
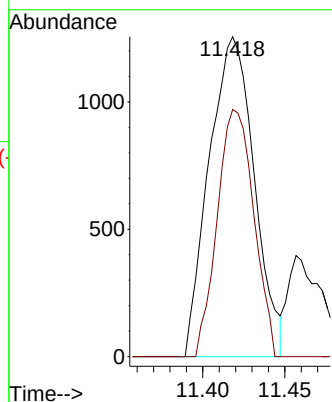
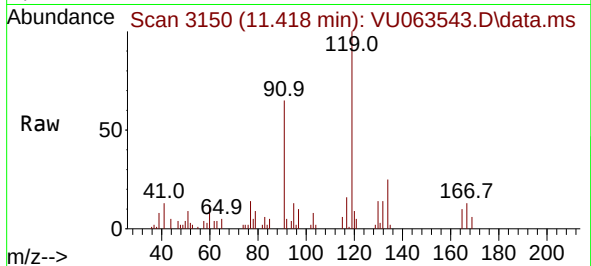




#61
 Pentachloroethane
 Concen: 0.646 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU063543.D
 Acq: 18 Jul 2025 18:26

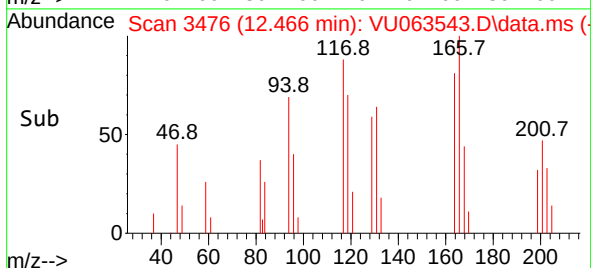
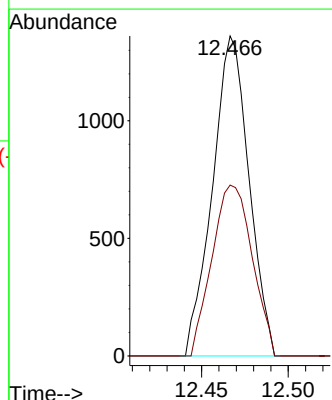
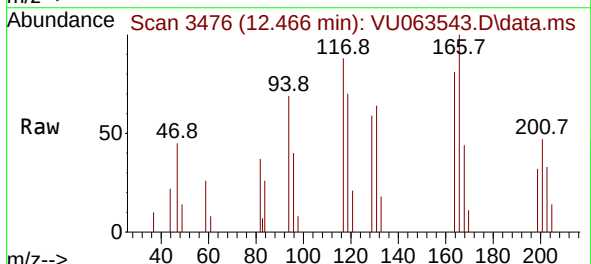
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

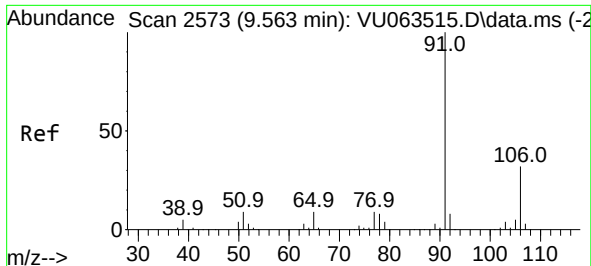
Tgt Ion:117 Resp: 2402
 Ion Ratio Lower Upper
 117 100
 167 62.4 65.0 97.6#



#62
 Hexachloroethane
 Concen: 0.541 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU063543.D
 Acq: 18 Jul 2025 18:26

Tgt Ion:117 Resp: 1994
 Ion Ratio Lower Upper
 117 100
 201 58.9 57.4 86.0

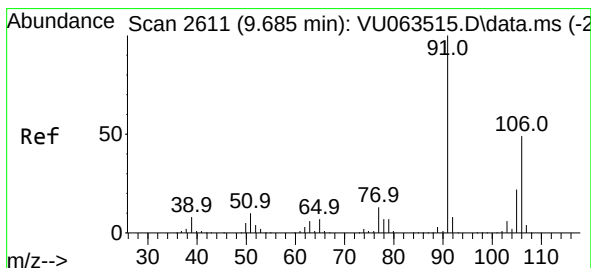
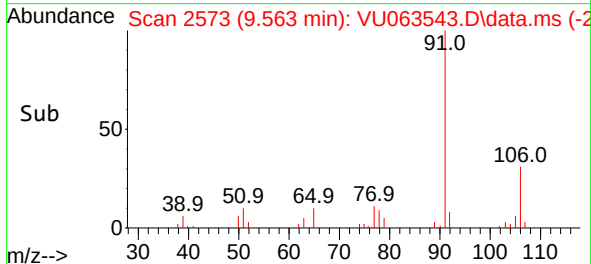
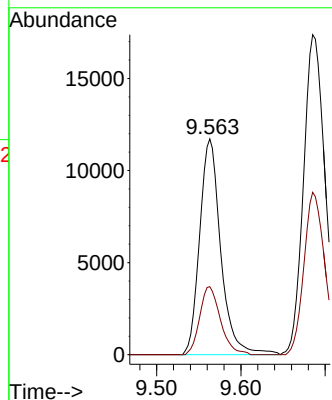
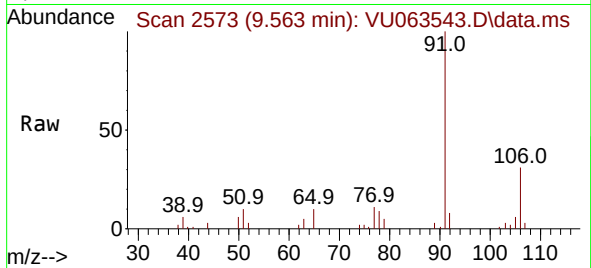




#63
Ethyl Benzene
Concen: 0.726 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

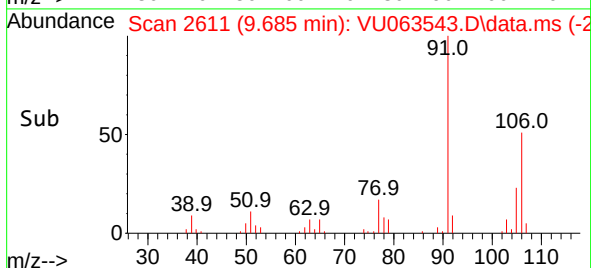
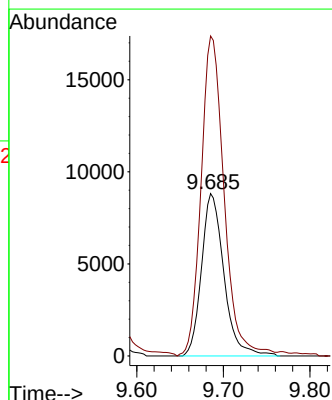
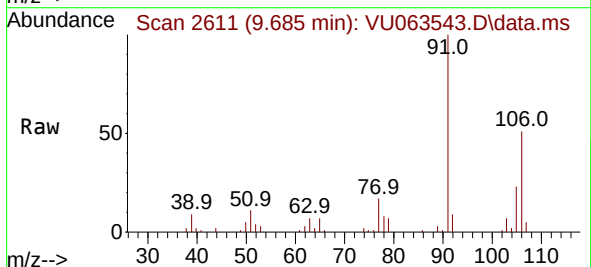
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

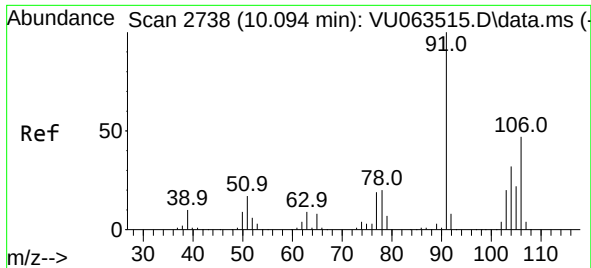
Tgt Ion: 91 Resp: 20445
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0



#64
m/p-Xylenes
Concen: 1.449 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion: 106 Resp: 15865
Ion Ratio Lower Upper
106 100
91 202.4 163.6 245.4

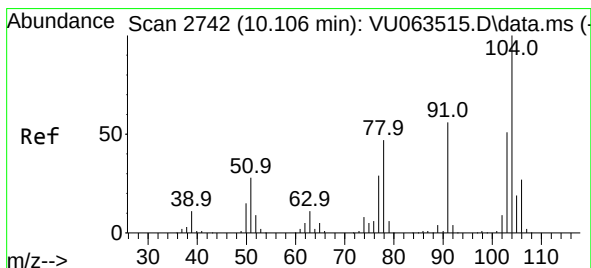
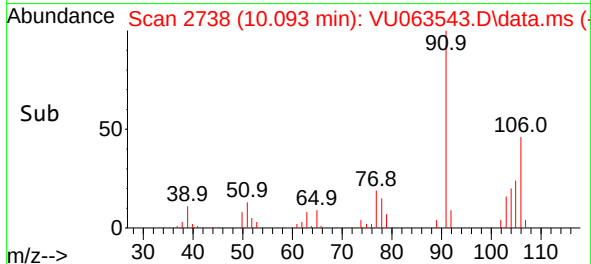
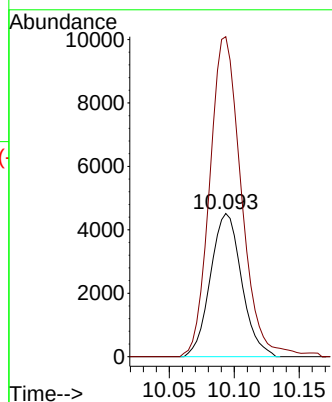
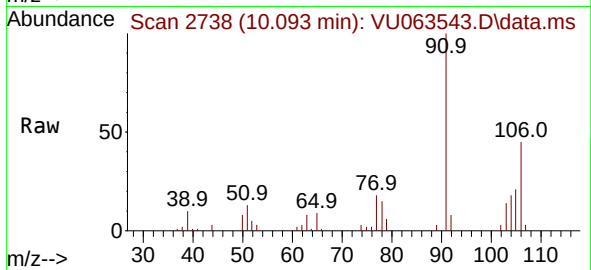




#65
o-Xylene
Concen: 0.716 ug/l
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

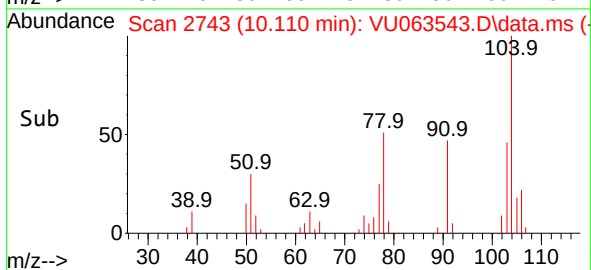
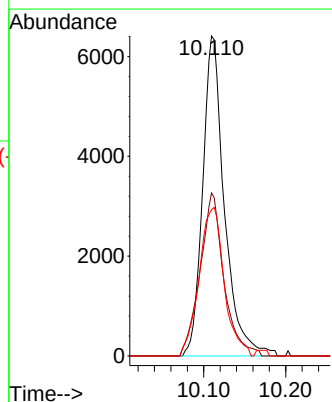
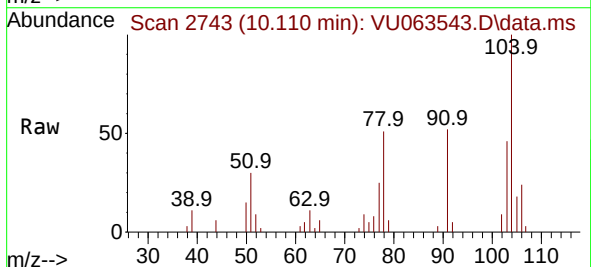
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

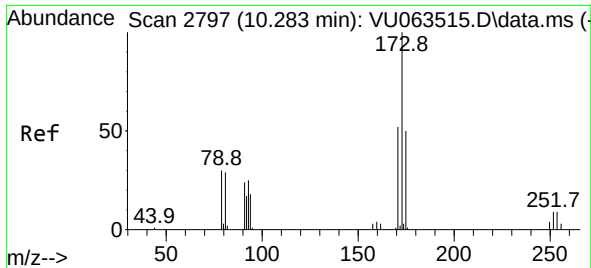
Tgt Ion:106 Resp: 7535
Ion Ratio Lower Upper
106 100
91 226.0 108.1 324.4



#66
Styrene
Concen: 0.704 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion:104 Resp: 11809
Ion Ratio Lower Upper
104 100
78 55.6 41.3 61.9
103 53.4 43.6 65.4

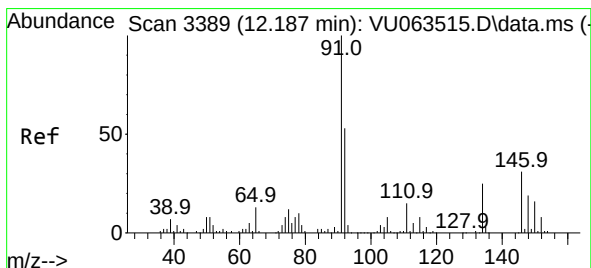
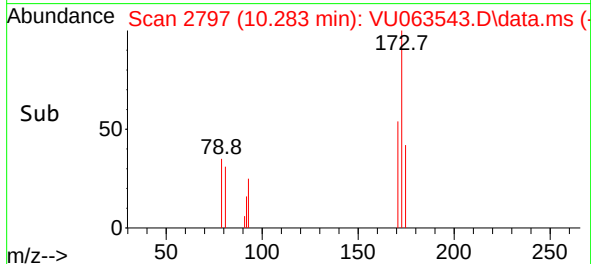
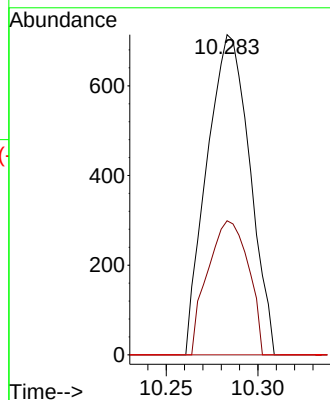
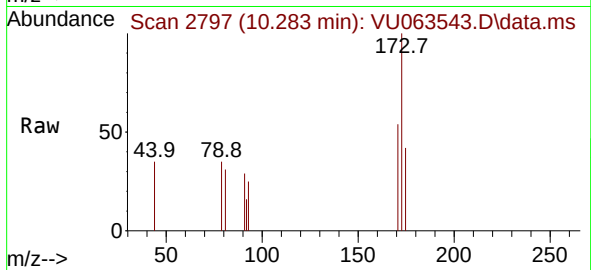




#67
Bromoform
Concen: 0.500 ug/l
RT: 10.283 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

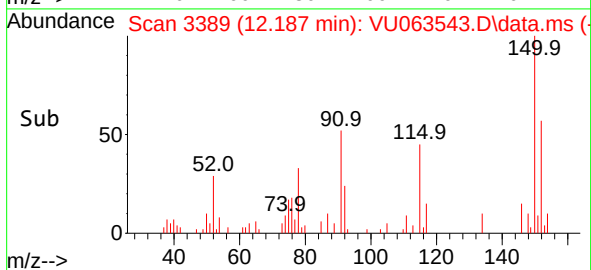
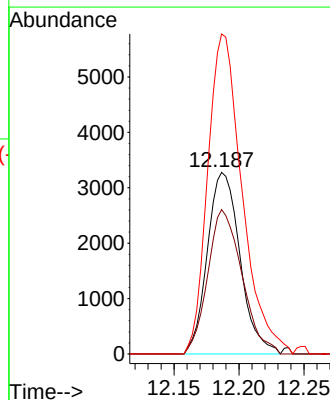
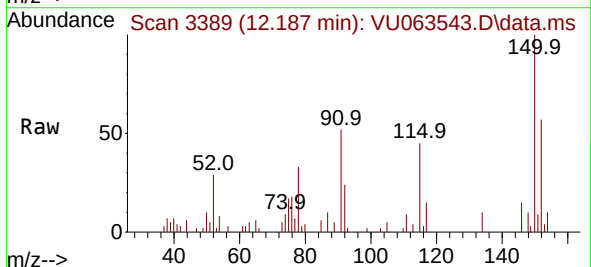
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

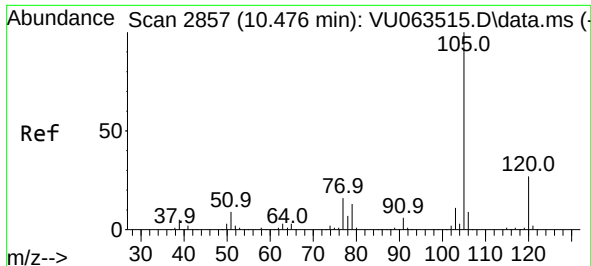
Tgt Ion:173 Resp: 1157
Ion Ratio Lower Upper
173 100
175 39.8 39.0 58.4
254 0.0 6.5 9.7#



#68
1,2-Dichlorobenzene-d4
Concen: 0.738 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion:152 Resp: 5725
Ion Ratio Lower Upper
152 100
115 83.4 0.0 262.2
150 185.4 0.0 651.2

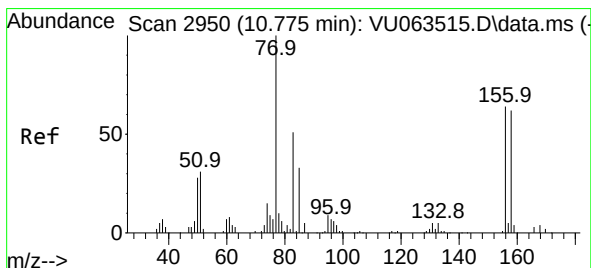
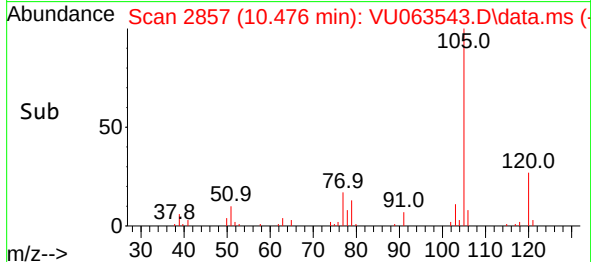
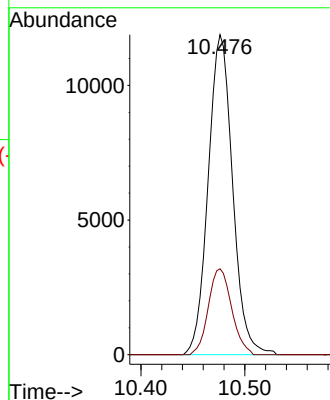
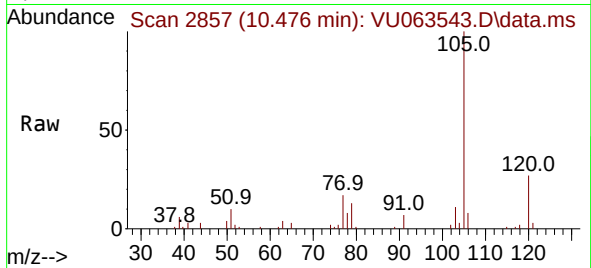




#69
Isopropylbenzene
Concen: 0.763 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

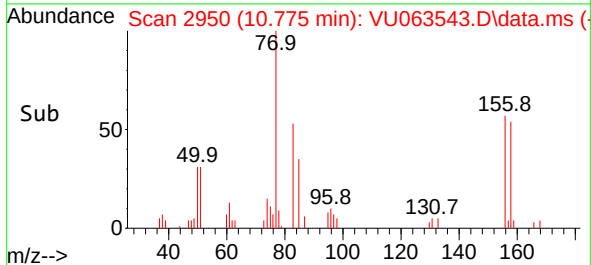
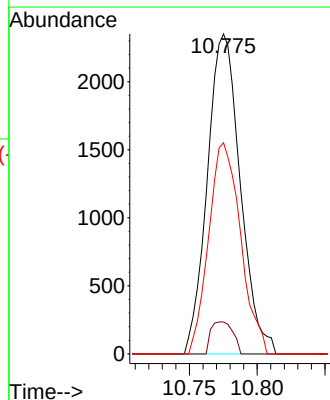
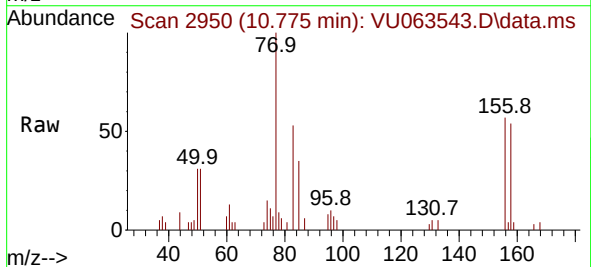
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

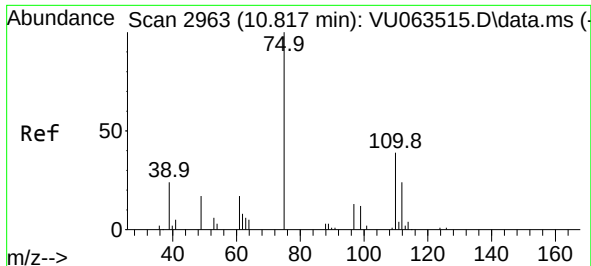
Tgt Ion:105 Resp: 19410
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5



#70
1,1,2,2-Tetrachloroethane
Concen: 0.766 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion: 83 Resp: 3972
Ion Ratio Lower Upper
83 100
131 6.7 8.4 12.6#
85 63.8 51.9 77.9

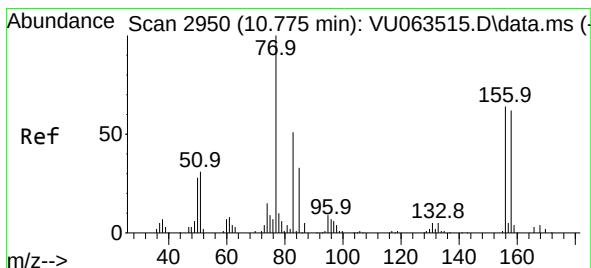
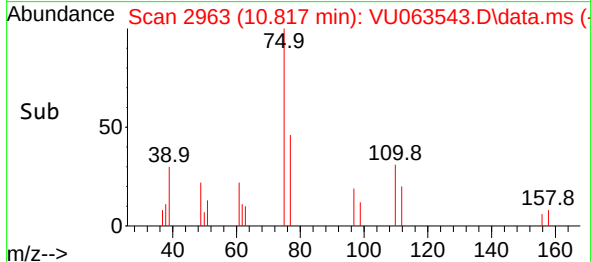
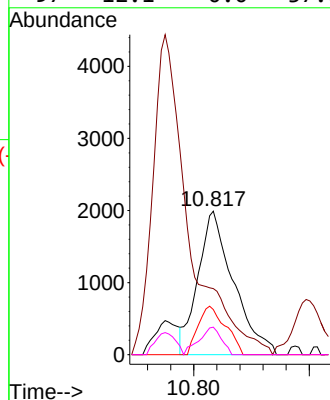
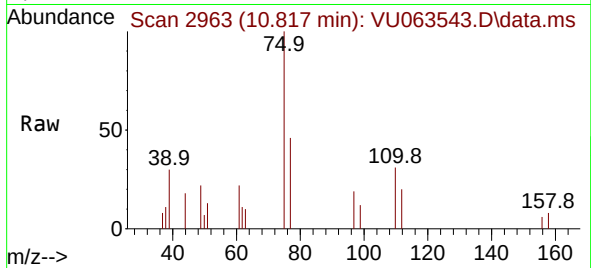




#71
1,2,3-Trichloropropane
Concen: 1.009 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

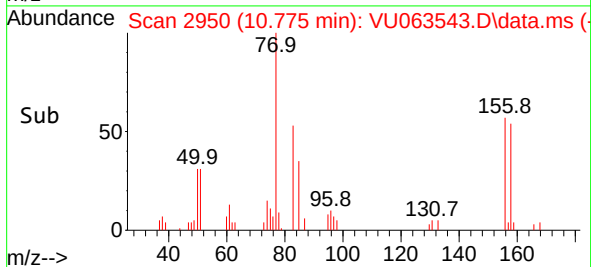
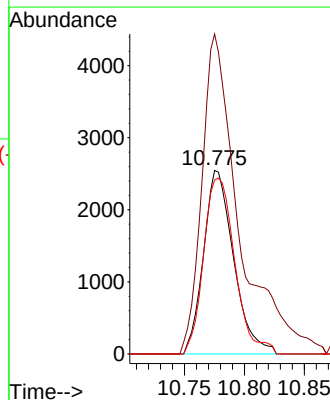
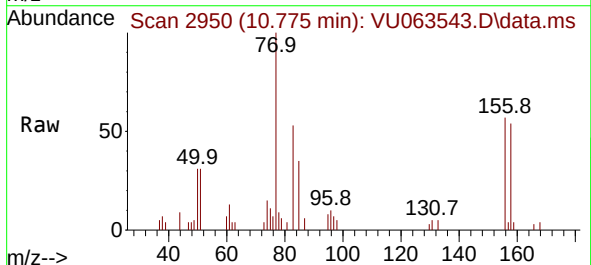
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

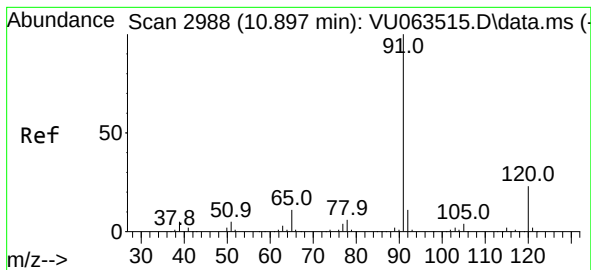
Tgt Ion:	75	Resp:	4248
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	26.1	0.0	73.2
97	12.1	0.0	37.6



#72
Bromobenzene
Concen: 0.678 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion:	156	Resp:	4449
Ion	Ratio	Lower	Upper
156	100		
77	216.4	0.0	315.2
158	99.4	0.0	195.4





#73

n-propylbenzene

Concen: 0.693 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. 0.000 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

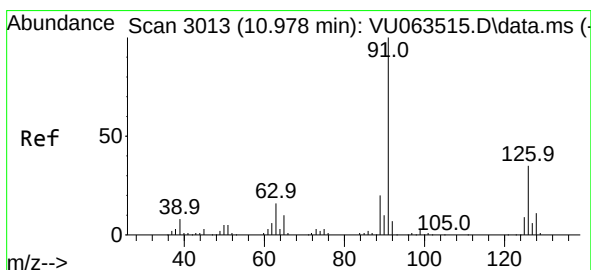
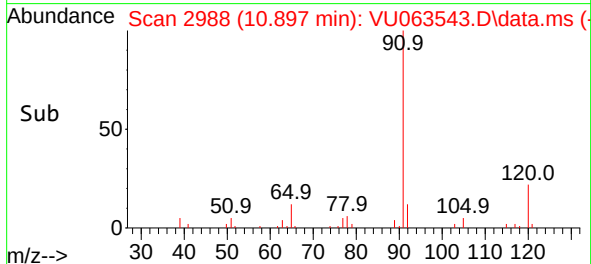
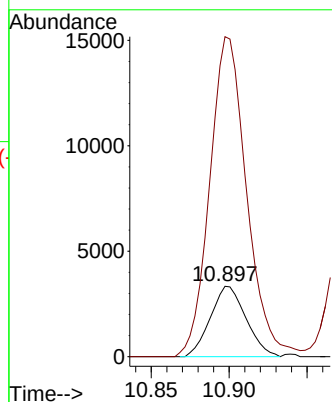
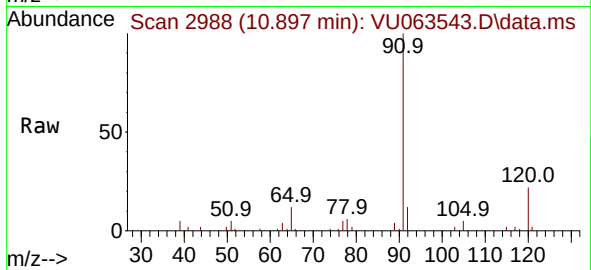
RL-CHECK

Tgt Ion:120 Resp: 5308

Ion Ratio Lower Upper

120 100

91 470.9 343.1 514.7



#74

2-Chlorotoluene

Concen: 0.689 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU063543.D

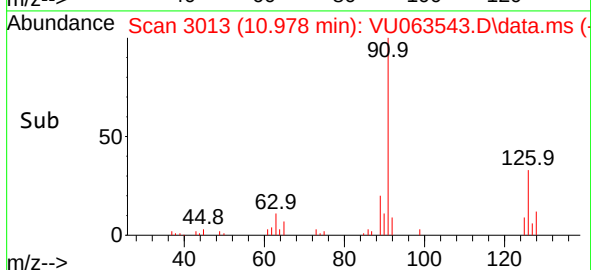
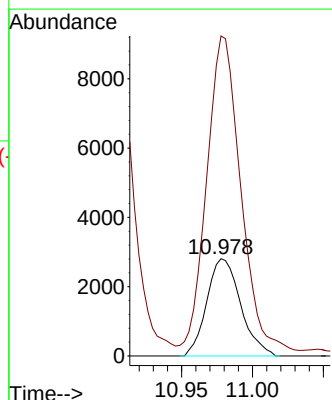
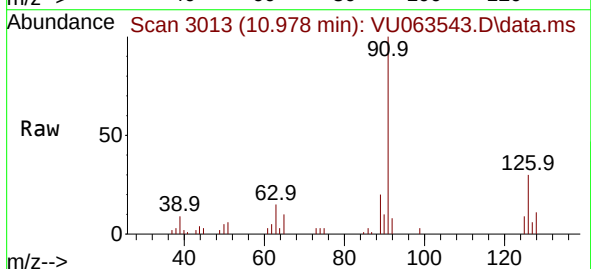
Acq: 18 Jul 2025 18:26

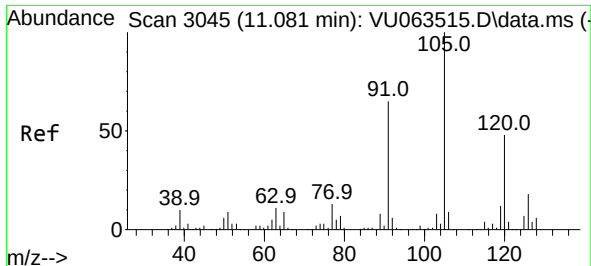
Tgt Ion:126 Resp: 4660

Ion Ratio Lower Upper

126 100

91 325.9 0.0 606.0

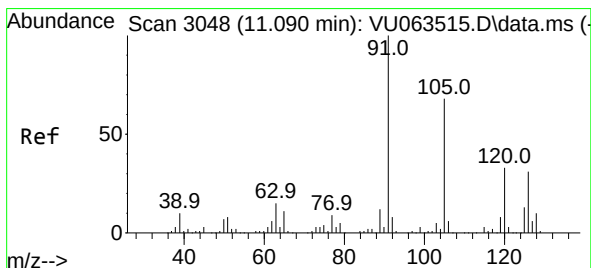
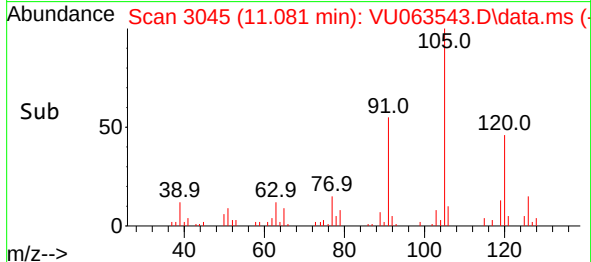
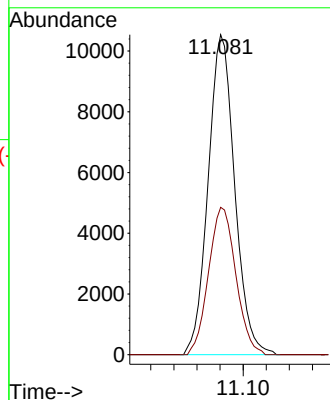
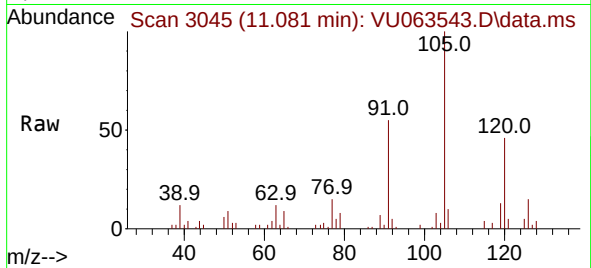




#75
1,3,5-Trimethylbenzene
Concen: 0.694 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

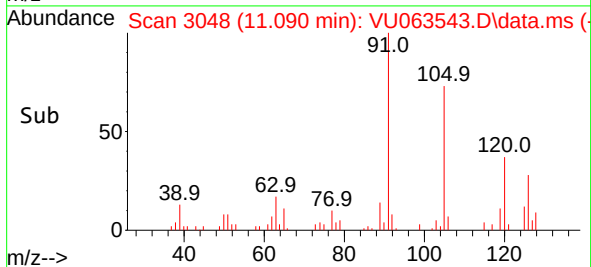
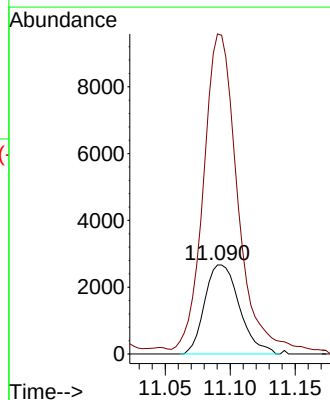
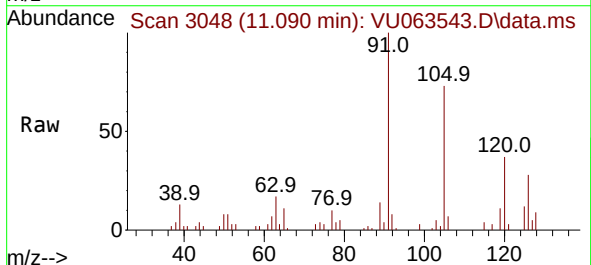
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

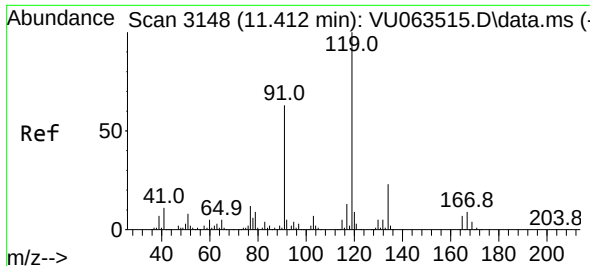
Tgt Ion:105 Resp: 16848
Ion Ratio Lower Upper
105 100
120 47.3 37.8 56.8



#76
4-Chlorotoluene
Concen: 0.721 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion:126 Resp: 4952
Ion Ratio Lower Upper
126 100
91 360.5 0.0 682.2

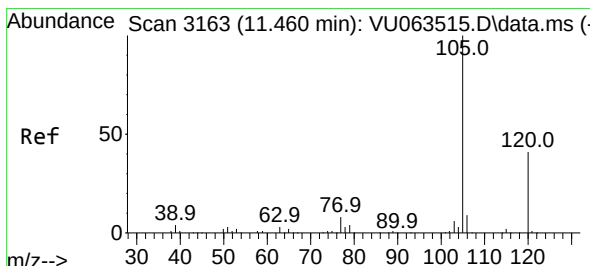
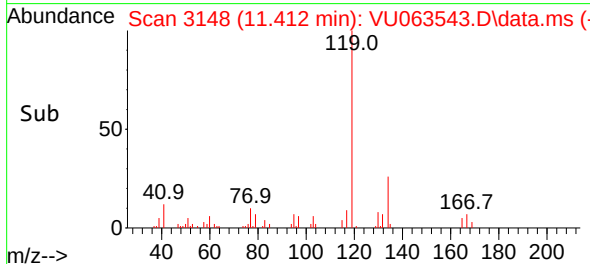
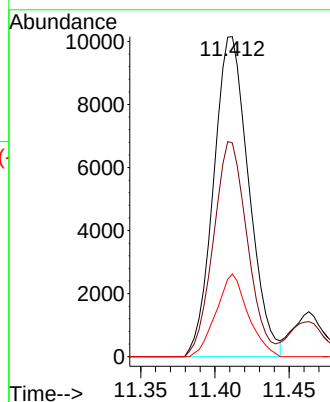
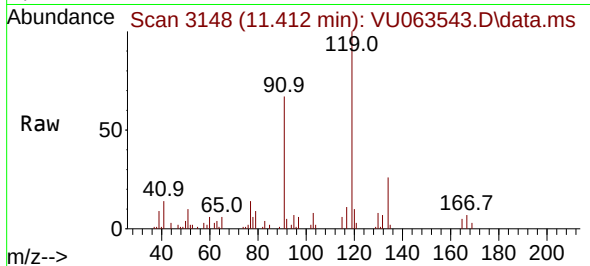




#77
tert-Butylbenzene
Concen: 0.720 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

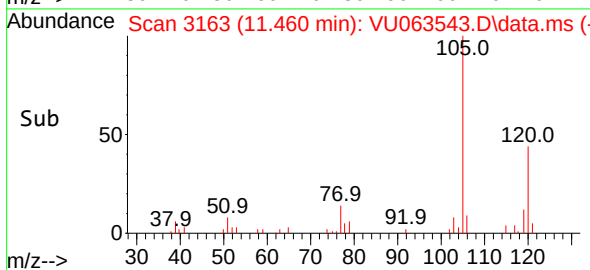
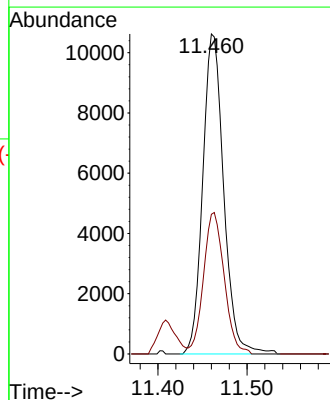
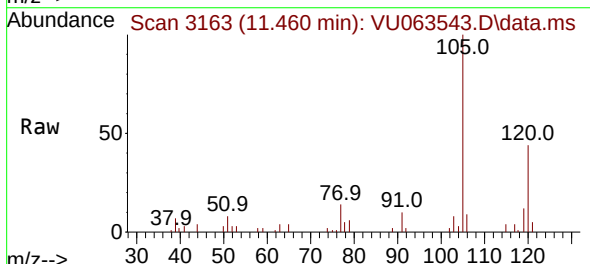
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

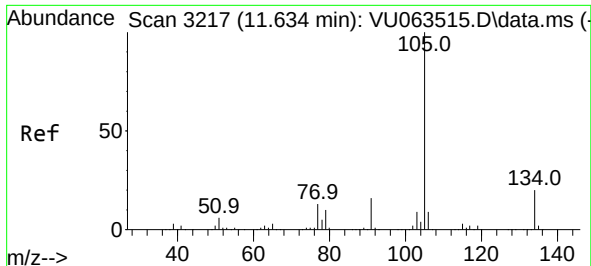
Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.9	30.7	92.1
134	23.5	18.5	27.7



#78
1,2,4-Trimethylbenzene
Concen: 0.719 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.7	68.0

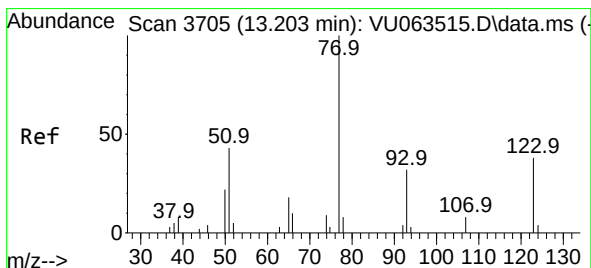
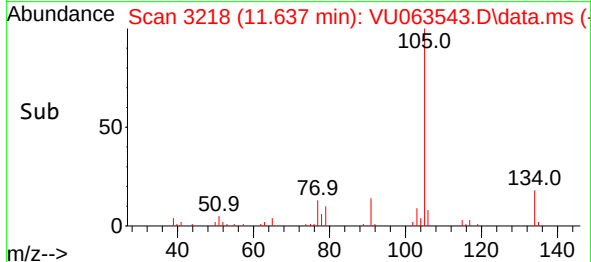
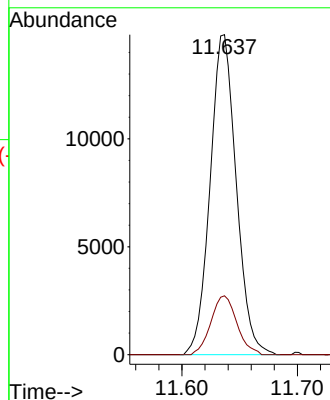
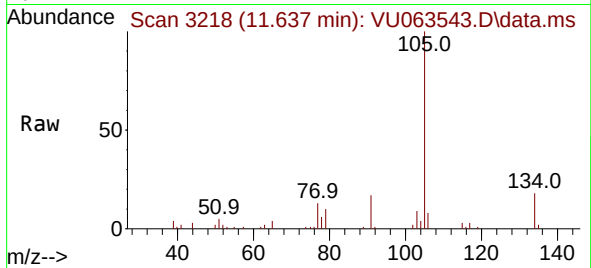




#79
 sec-Butylbenzene
 Concen: 0.746 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063543.D
 Acq: 18 Jul 2025 18:26

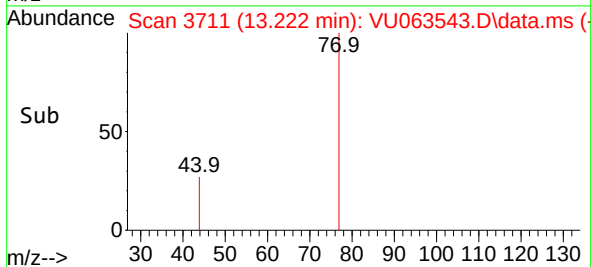
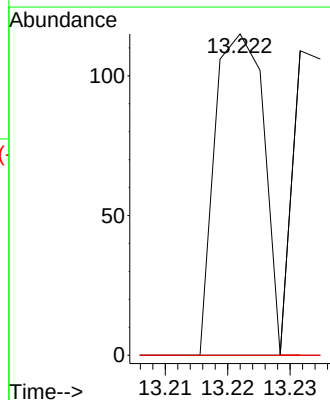
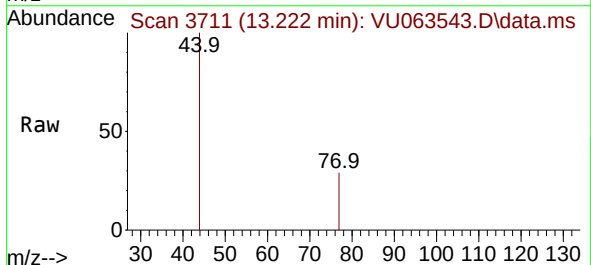
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

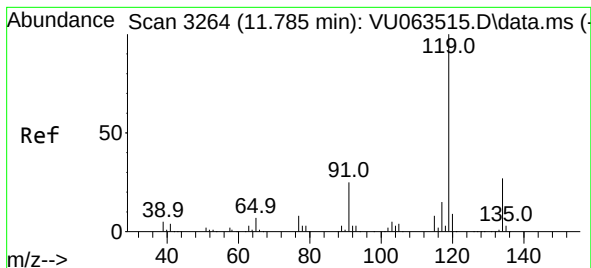
Tgt Ion:105 Resp: 23344
 Ion Ratio Lower Upper
 105 100
 134 18.3 16.2 24.4



#80
 Nitrobenzene
 Concen: 0.682 ug/l
 RT: 13.222 min Scan# 3711
 Delta R.T. 0.019 min
 Lab File: VU063543.D
 Acq: 18 Jul 2025 18:26

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: 0.687 ug/l

RT: 11.785 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

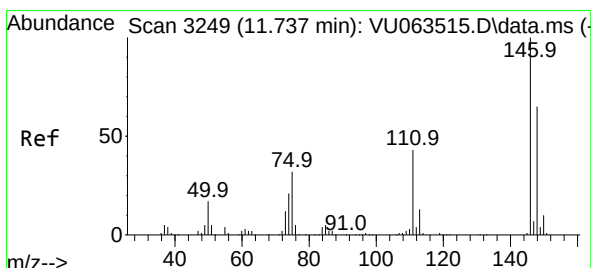
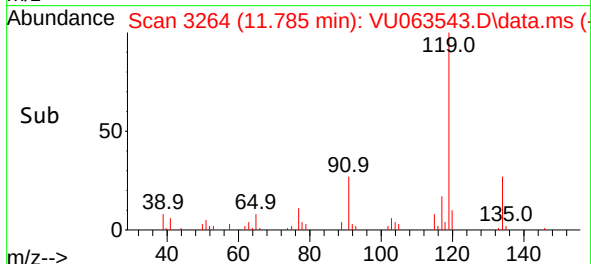
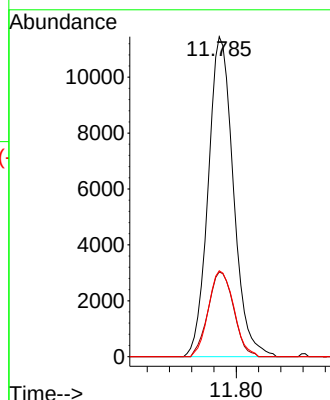
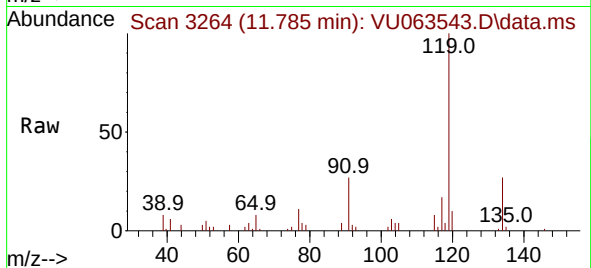
Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion:	119	Resp:	17956
Ion	Ratio	Lower	Upper
119	100		
134	26.7	21.1	31.7
91	26.9	19.8	29.8



#82

1,3-Dichlorobenzene

Concen: 0.754 ug/l

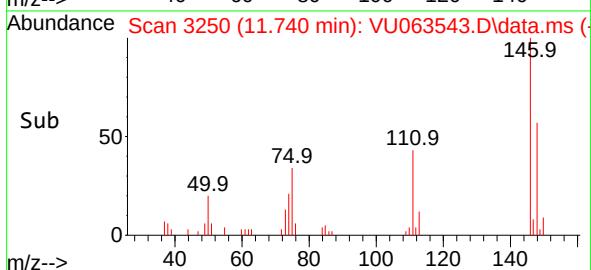
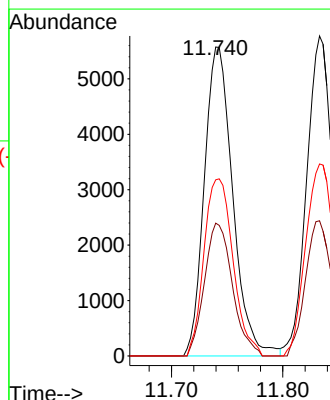
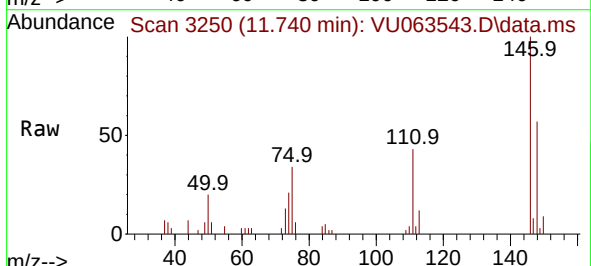
RT: 11.740 min Scan# 3250

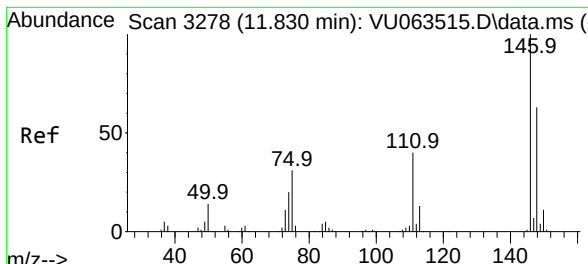
Delta R.T. 0.003 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Tgt Ion:	146	Resp:	9905
Ion	Ratio	Lower	Upper
146	100		
111	42.2	33.8	50.6
148	58.5	51.5	77.3

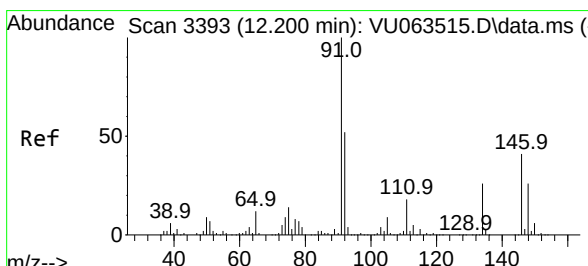
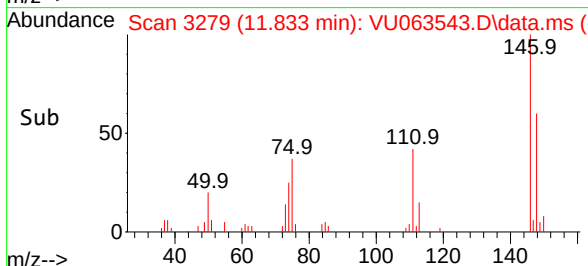
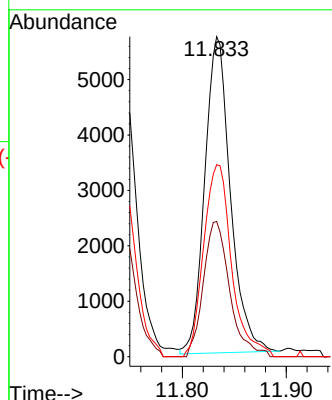
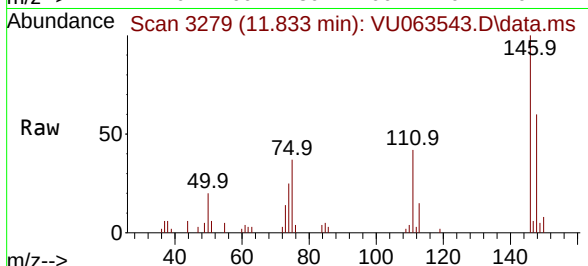




#83
1,4-Dichlorobenzene
Concen: 0.745 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

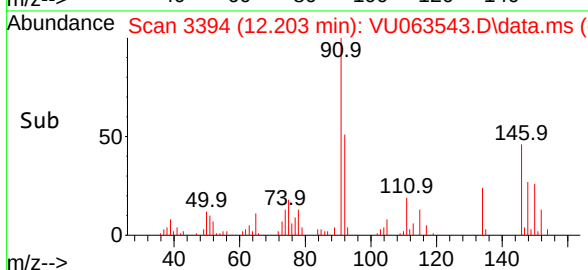
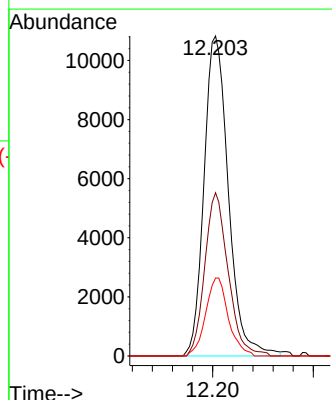
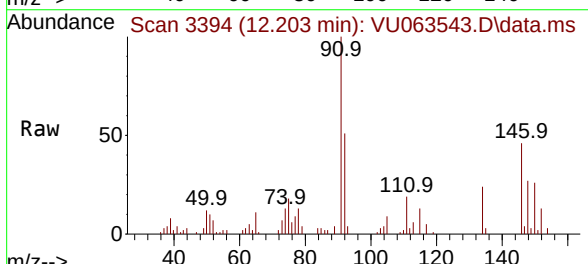
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

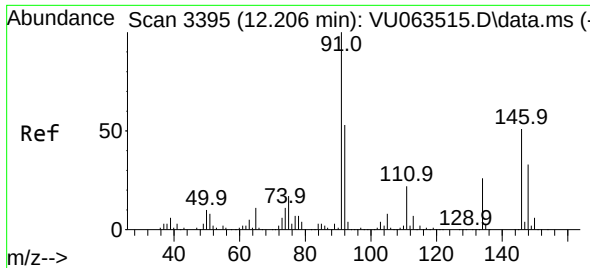
Tgt Ion:	146	Resp:	9792
Ion Ratio	Lower	Upper	
146	100		
111	43.8	32.0	48.0
148	66.2	50.2	75.2



#84
n-Butylbenzene
Concen: 0.752 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion:	91	Resp:	18231
Ion Ratio	Lower	Upper	
91	100		
92	48.9	41.5	62.3
134	22.7	20.6	30.8

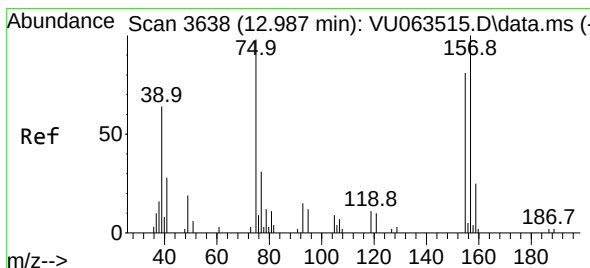
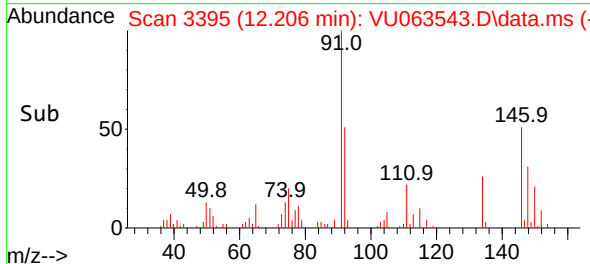
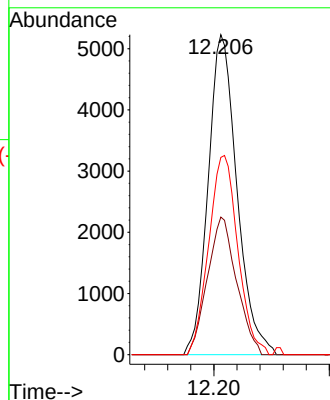
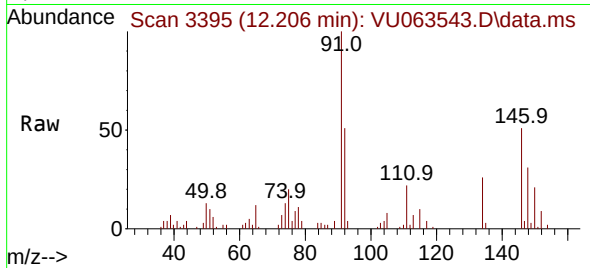




#85
 1,2-Dichlorobenzene
 Concen: 0.734 ug/l
 RT: 12.206 min Scan# 3395
 Delta R.T. -0.000 min
 Lab File: VU063543.D
 Acq: 18 Jul 2025 18:26

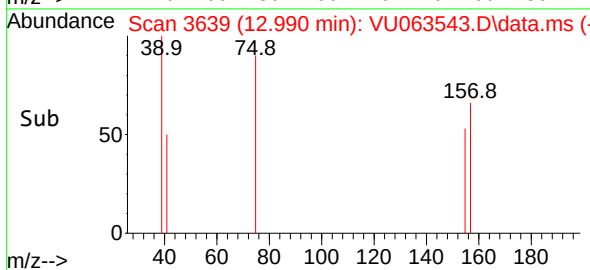
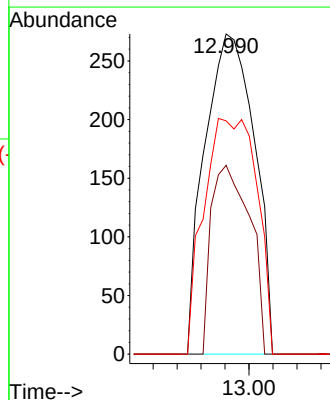
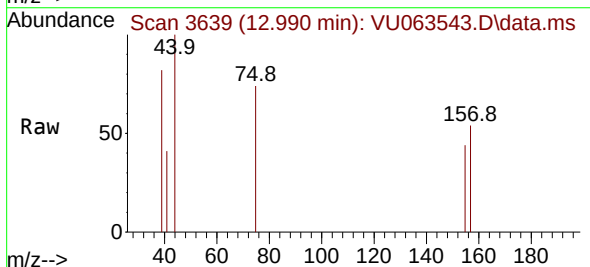
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

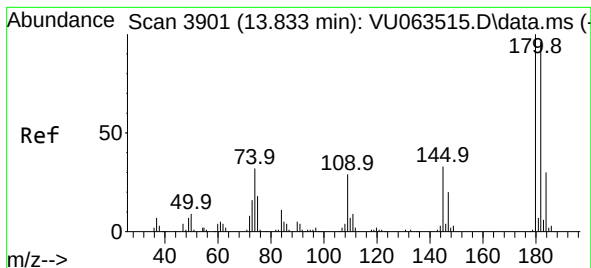
Tgt Ion:	146	Resp:	9057
Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.7	65.1
148	63.1	31.8	95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.535 ug/l
 RT: 12.990 min Scan# 3639
 Delta R.T. 0.003 min
 Lab File: VU063543.D
 Acq: 18 Jul 2025 18:26

Tgt Ion:	75	Resp:	394
Ion	Ratio	Lower	Upper
75	100		
155	45.9	65.8	98.6#
157	78.2	81.4	122.2#





#87

1,2,4-Trichlorobenzene

Concen: 0.751 ug/l

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

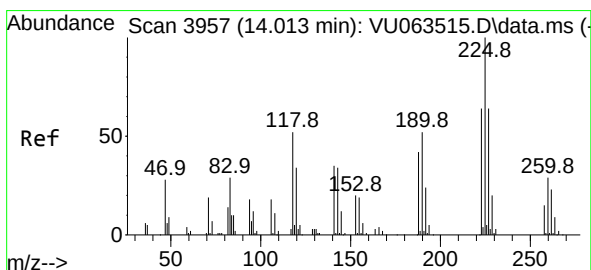
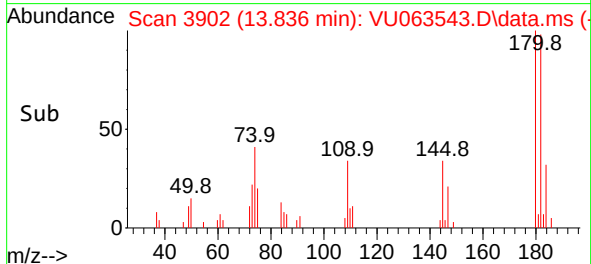
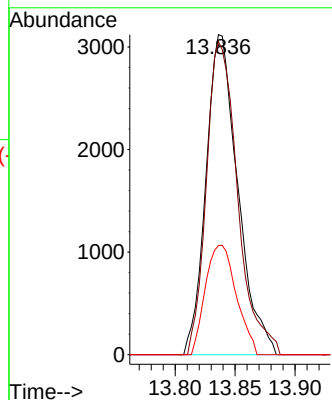
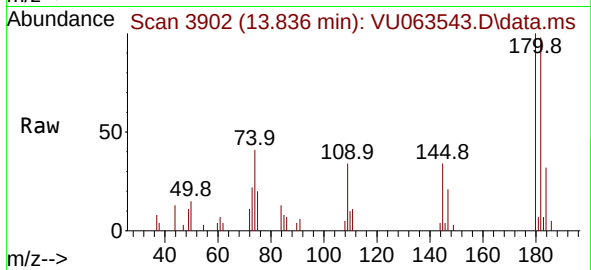
Tgt Ion:180 Resp: 5760

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 33.1 26.2 39.2



#88

Hexachlorobutadiene

Concen: 0.752 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063543.D

Acq: 18 Jul 2025 18:26

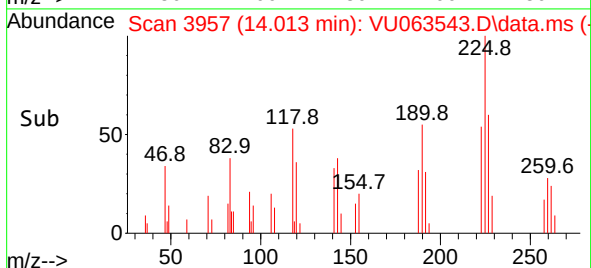
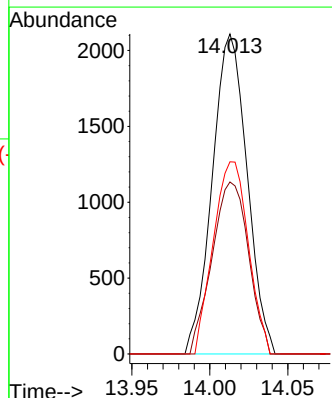
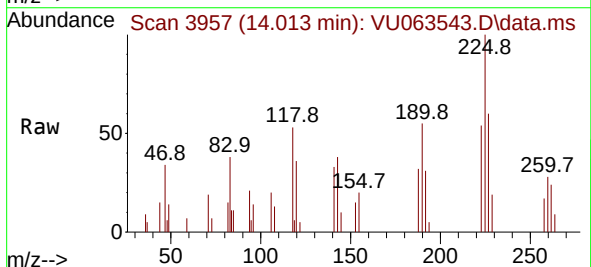
Tgt Ion:225 Resp: 3278

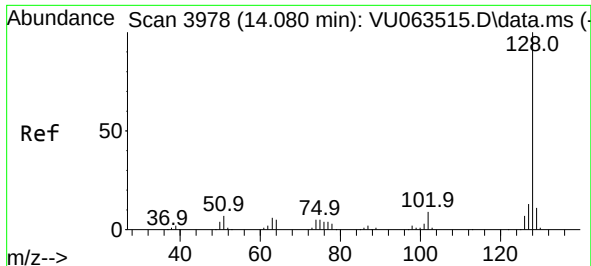
Ion Ratio Lower Upper

225 100

223 56.4 50.8 76.2

227 60.5 51.0 76.6

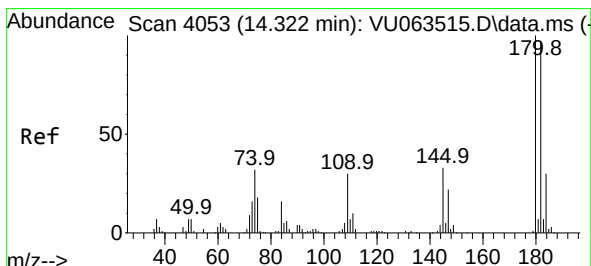
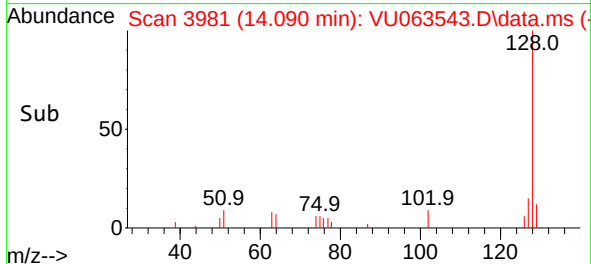
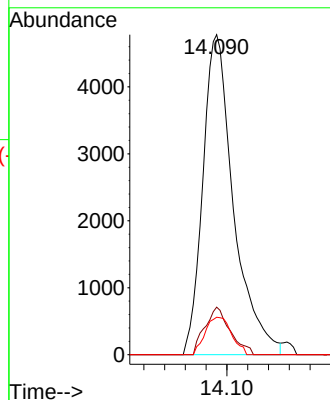
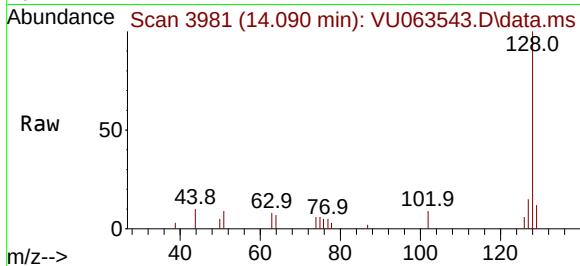




#89
Naphthalene
Concen: 0.715 ug/l
RT: 14.090 min Scan# 3978
Delta R.T. 0.010 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:	128	Resp:	9830
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.2	15.4
129	10.0	8.8	13.2



#90
1,2,3-Trichlorobenzene
Concen: 0.763 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063543.D
Acq: 18 Jul 2025 18:26

Tgt Ion:	180	Resp:	5411
Ion Ratio	Lower	Upper	
180	100		
182	97.3	78.0	117.0
145	36.1	27.3	40.9

