

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072125\
 Data File : VU063548.D
 Acq On : 21 Jul 2025 12:52
 Operator : MD/SY
 Sample : VU0721WBS01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0721WBS01

Quant Time: Jul 22 04:07:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	21614	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	7333	0.896	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	6945	0.918	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	11745	1.843	ug/l	99
3) Chloromethane	1.518	50	12479	2.106	ug/l	98
4) Vinyl Chloride	1.599	62	14878	1.972	ug/l	98
5) Bromomethane	1.846	94	13474	2.368	ug/l	94
6) Chloroethane	1.924	64	9465	2.078	ug/l	99
7) Trichlorofluoromethane	2.129	101	22918	2.116	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	11895	2.101	ug/l	99
9) 1,1-Dichloroethene	2.570	96	11583	2.064	ug/l	93
10) Iodomethane	2.711	142	4736	1.429	ug/l	99
11) Allyl Chloride	2.911	41	17339	2.139	ug/l	99
12) Acrylonitrile	3.306	53	6376	4.543	ug/l	92
13) Acetone	2.618	43	21245	18.893	ug/l	96
14) Carbon Disulfide	2.779	76	29497	1.627	ug/l	98
15) Methylene Chloride	3.030	84	15718	2.379	ug/l	97
16) trans-1,2-Dichloroethene	3.335	96	13218	2.074	ug/l	94
17) 1,1-Dichloroethane	3.850	63	25621	2.169	ug/l	98
18) 2-Butanone	4.714	43	24761	14.219	ug/l	99
19) Cyclohexane	5.361	56	20771	2.077	ug/l	98
20) Methylcyclohexane	6.740	83	17192	1.769	ug/l	96
21) 2,2-Dichloropropane	4.644	77	19858	1.974	ug/l	99
22) cis-1,2-Dichloroethene	4.653	96	14469	2.092	ug/l	99
23) Diethyl Ether	2.370	59	9303	2.176	ug/l	96
24) tert-Butyl Alcohol	3.187	59	12426	24.073	ug/l	96
25) Methyl tert-Butyl Ether	3.361	73	30980	2.115	ug/l	98
26) Bromochloromethane	4.952	128	6035	2.090	ug/l	93
27) Chloroform	5.071	83	26326	2.184	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	21163	2.069	ug/l	99
29) 1,1-Dichloropropene	5.502	75	19948	2.105	ug/l	98
30) Carbon Tetrachloride	5.499	117	16166	1.963	ug/l	96
31) Isopropyl Ether	3.991	45	40011	2.244	ug/l	97
32) Ethyl-t-butyl ether	4.502	59	35288	2.139	ug/l	99
33) Tert-Amyl methyl ether	5.939	73	32331	2.258	ug/l	98
34) Propionitrile	4.772	54	5895	11.111	ug/l #	93
35) Benzene	5.753	78	57221	2.247	ug/l	99
36) 1,2-Dichloroethane	5.779	62	17765	2.245	ug/l	98
37) Trichloroethene	6.528	130	10861	1.672	ug/l	87
38) 1,2-Dichloropropane	6.779	63	11746	1.971	ug/l	100
39) Methacrylonitrile	4.972	41	4863	2.062	ug/l	95
40) Methyl acrylate	4.849	55	6471	1.877	ug/l #	90
41) Tetrahydrofuran	5.062	42	4760	3.837	ug/l	99
42) 1-Chlorobutane	5.438	56	26832	2.130	ug/l	98
43) Dibromomethane	6.907	93	6093	1.974	ug/l	92
44) Bromodichloromethane	7.097	83	11744	1.687	ug/l	94

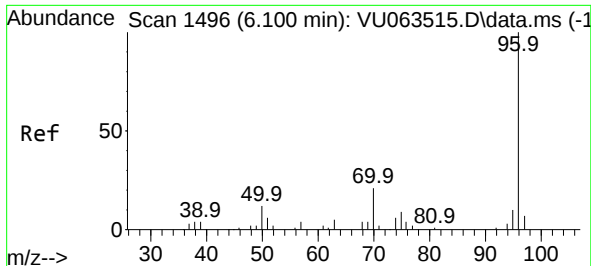
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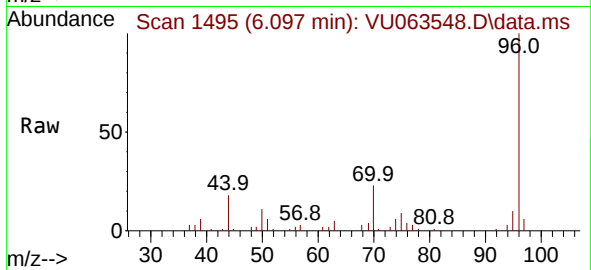
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	33063	10.391	ug/l	98
46) t-1,4-Dichloro-2-butene	10.814	75	10835	9.072	ug/l #	56
47) Methyl methacrylate	6.965	69	9840	3.795	ug/l	93
48) Ethyl methacrylate	8.335	69	9677	1.956	ug/l	91
49) Toluene	7.959	92	26044	1.873	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	8511	1.558	ug/l	96
51) cis-1,3-Dichloropropene	7.602	75	11891	1.622	ug/l	94
52) 1,1,2-Trichloroethane	8.396	97	8606	2.071	ug/l	91
53) 1,3-Dichloropropane	8.570	76	14839	2.068	ug/l	100
54) 2-Hexanone	8.689	43	25898	12.254	ug/l	100
55) Dibromochloromethane	8.801	129	6806	1.550	ug/l	90
56) 1,2-Dibromoethane	8.917	107	7149	1.922	ug/l	99
58) Tetrachloroethene	8.544	164	10387	1.747	ug/l	96
59) Chlorobenzene	9.438	112	29293	1.835	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.525	131	8865	1.726	ug/l	98
61) Pentachloroethane	11.418	117	6284	1.732	ug/l	94
62) Hexachloroethane	12.467	117	5757	1.602	ug/l	92
63) Ethyl Benzene	9.560	91	51665	1.880	ug/l	99
64) m/p-Xylenes	9.685	106	41297	3.867	ug/l	98
65) o-Xylene	10.094	106	19835	1.933	ug/l	99
66) Styrene	10.107	104	31113	1.902	ug/l	98
67) Bromoform	10.283	173	3341	1.481	ug/l #	91
69) Isopropylbenzene	10.476	105	48185	1.942	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	10643	2.104	ug/l	96
71) 1,2,3-Trichloropropane	10.814	75	10835	2.638	ug/l #	87
72) Bromobenzene	10.775	156	11845	1.850	ug/l	91
73) n-propylbenzene	10.897	120	14553	1.949	ug/l	94
74) 2-Chlorotoluene	10.978	126	12846	1.946	ug/l	97
75) 1,3,5-Trimethylbenzene	11.078	105	45405	1.916	ug/l	99
76) 4-Chlorotoluene	11.090	126	13024	1.943	ug/l	94
77) tert-Butylbenzene	11.412	119	42523	1.877	ug/l	95
78) 1,2,4-Trimethylbenzene	11.460	105	45437	1.932	ug/l	98
79) sec-Butylbenzene	11.634	105	61563	2.015	ug/l	97
80) Nitrobenzene	13.213	77	297	4.730	ug/l #	87
81) p-Isopropyltoluene	11.785	119	49802	1.953	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	24722	1.930	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	25206	1.966	ug/l	98
84) n-Butylbenzene	12.200	91	48474	2.050	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	23543	1.956	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	1243	1.896	ug/l #	91
87) 1,2,4-Trichlorobenzene	13.836	180	14786	1.976	ug/l	97
88) Hexachlorobutadiene	14.013	225	8015	1.886	ug/l	96
89) Naphthalene	14.084	128	27297	2.035	ug/l	97
90) 1,2,3-Trichlorobenzene	14.325	180	13673	1.977	ug/l	98

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

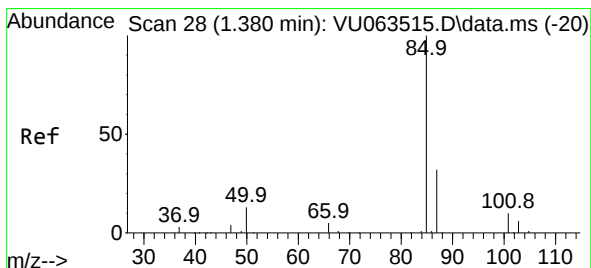
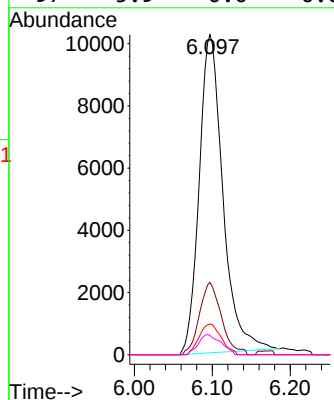
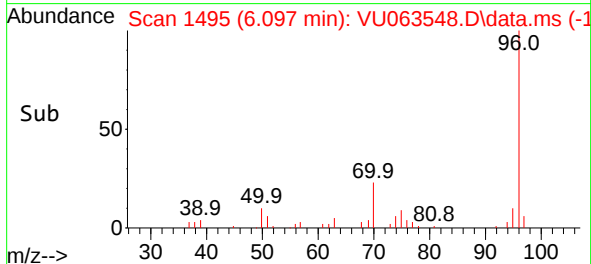


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063548.D
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Instrument :
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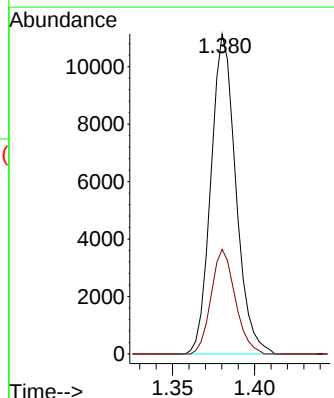
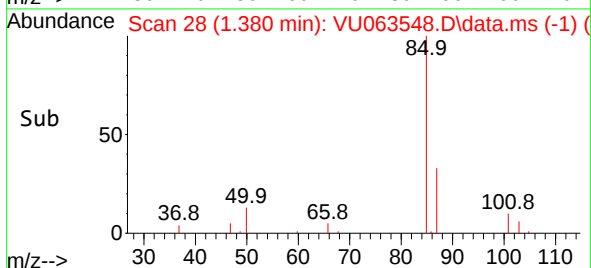
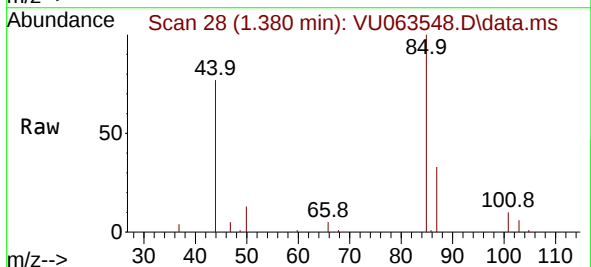


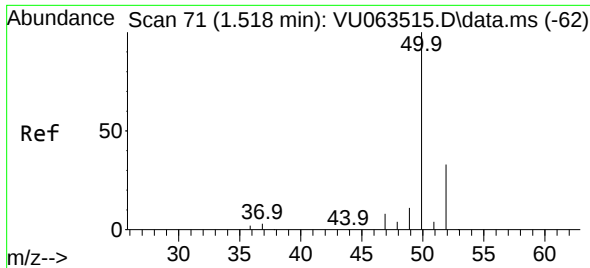
Tgt Ion:	96	Resp:	21614
Ion	Ratio	Lower	Upper
96	100		
70	21.0	15.0	22.4
95	8.9	7.4	11.0
97	5.9	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 1.843 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion:	85	Resp:	11745
Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.0	47.9

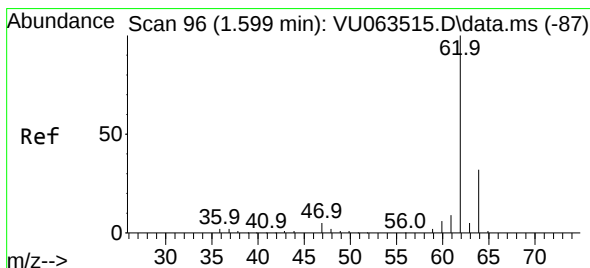
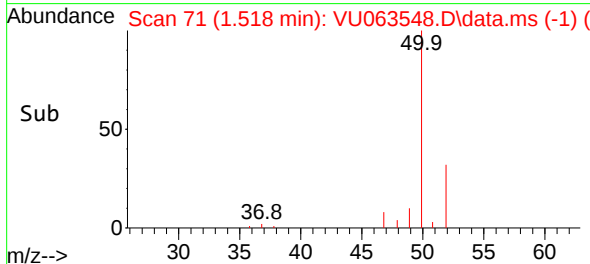
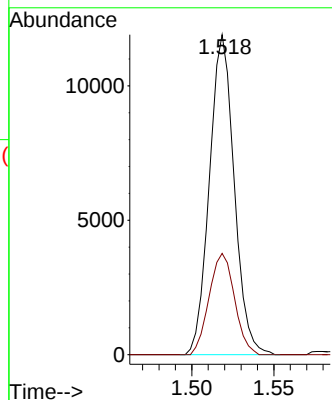
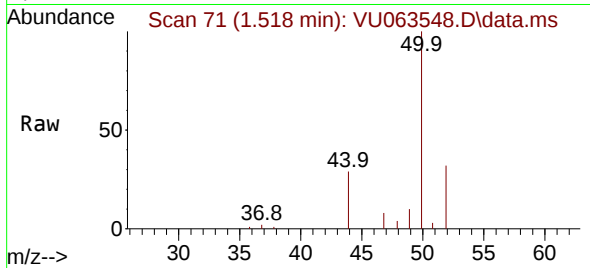




#3
Chloromethane
Concen: 2.106 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

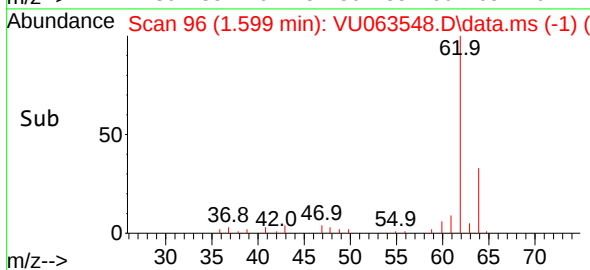
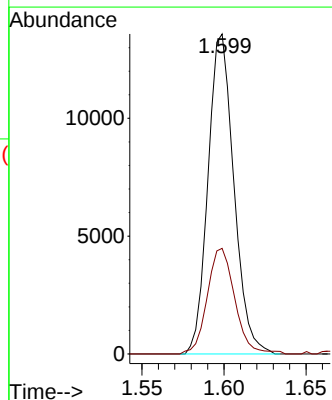
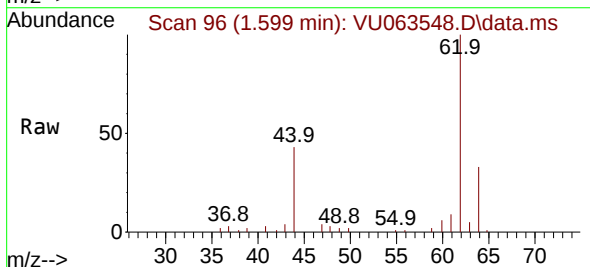
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ClientSampleId :
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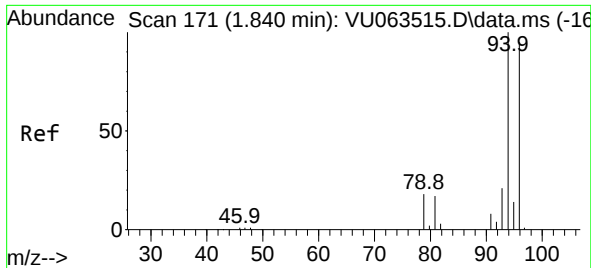
Tgt Ion: 50 Resp: 12479
Ion Ratio Lower Upper
50 100
52 31.7 26.3 39.5



#4
Vinyl Chloride
Concen: 1.972 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion: 62 Resp: 14878
Ion Ratio Lower Upper
62 100
64 33.0 25.7 38.5

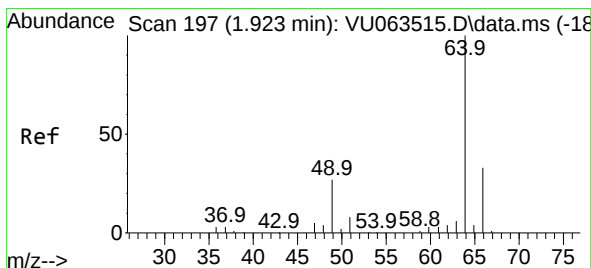
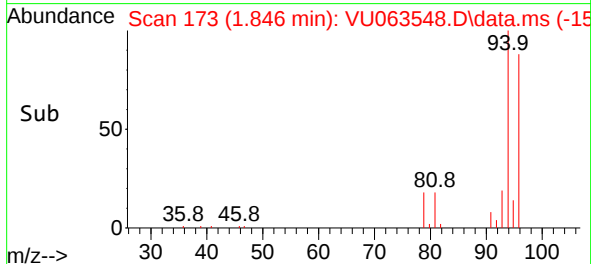
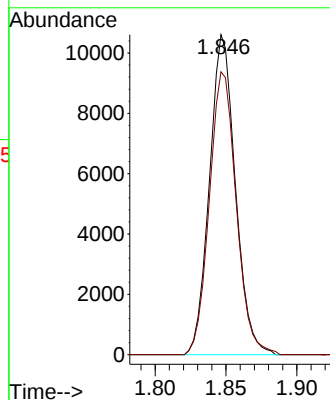
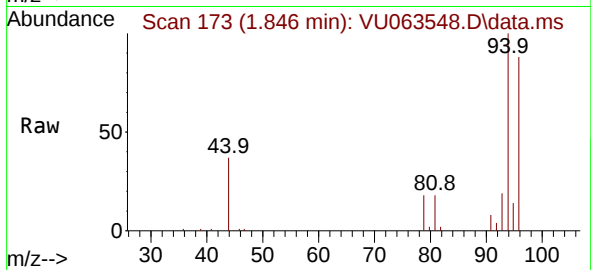




#5
Bromomethane
Concen: 2.368 ug/l
RT: 1.846 min Scan# 171
Delta R.T. 0.007 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

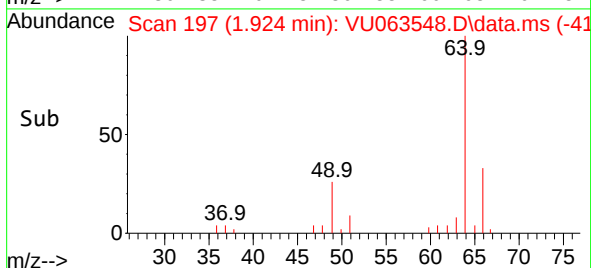
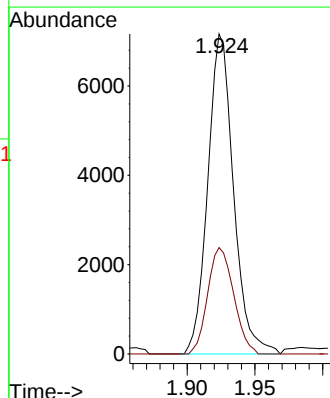
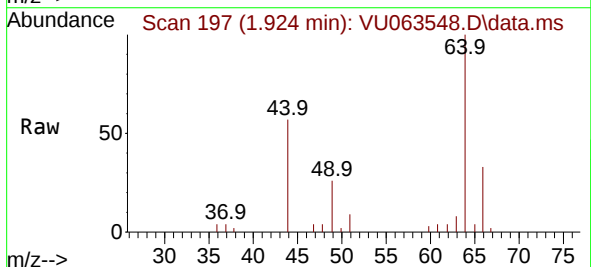
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MSVOA_U
ClientSampleId :
VU0721WBS01

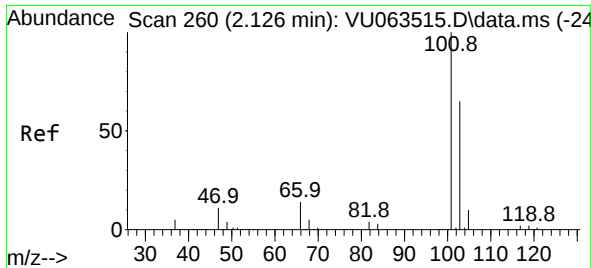
Tgt Ion: 94 Resp: 13474
Ion Ratio Lower Upper
94 100
96 88.4 75.8 113.6



#6
Chloroethane
Concen: 2.078 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion: 64 Resp: 9465
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.4

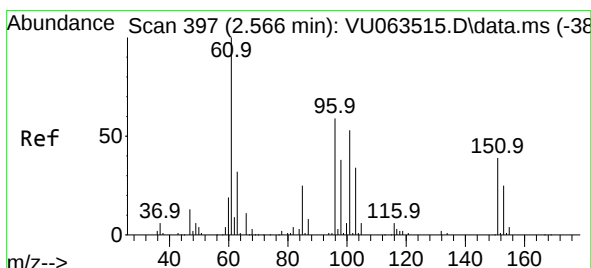
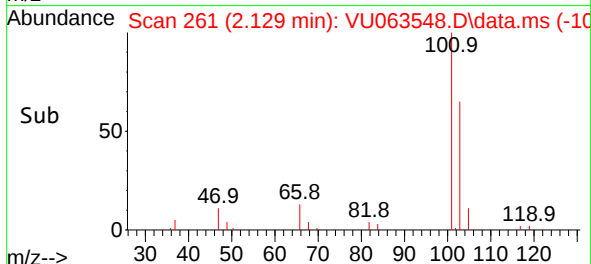
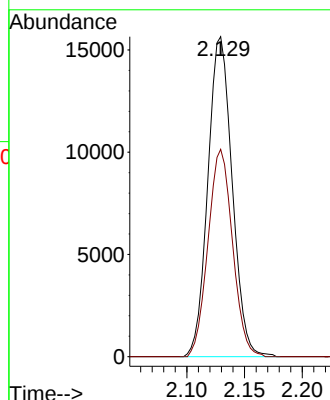
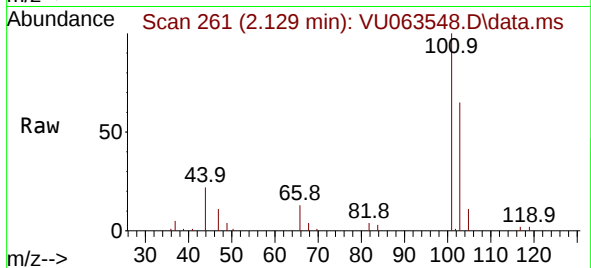




#7
 Trichlorofluoromethane
 Concen: 2.116 ug/l
 RT: 2.129 min Scan# 2
 Delta R.T. 0.003 min
 Lab File: VU063548.D
 Acq: 21 Jul 2025 12:52

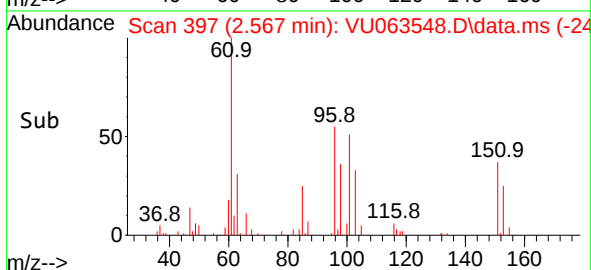
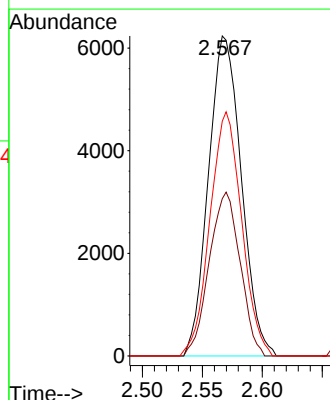
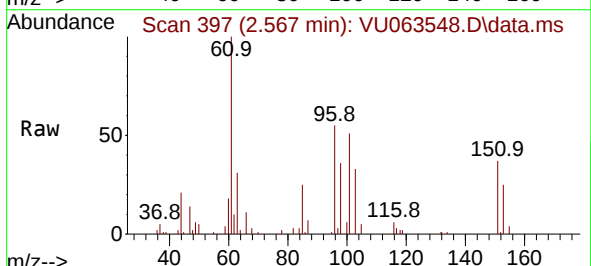
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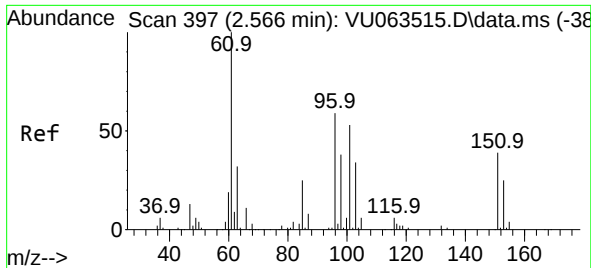
Tgt Ion:101 Resp: 22918
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.2 78.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.101 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063548.D
 Acq: 21 Jul 2025 12:52

Tgt Ion:101 Resp: 11895
 Ion Ratio Lower Upper
 101 100
 85 48.1 37.8 56.6
 151 73.8 59.2 88.8

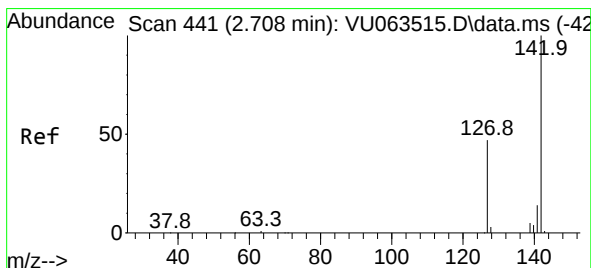
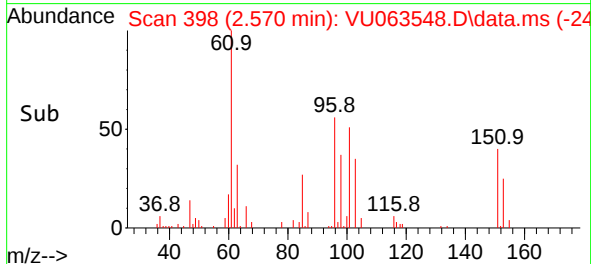
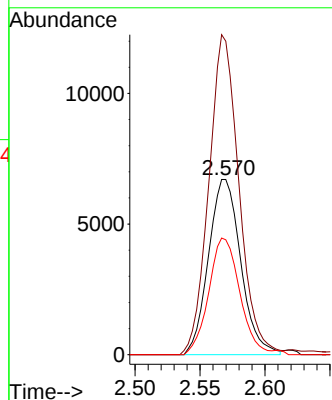
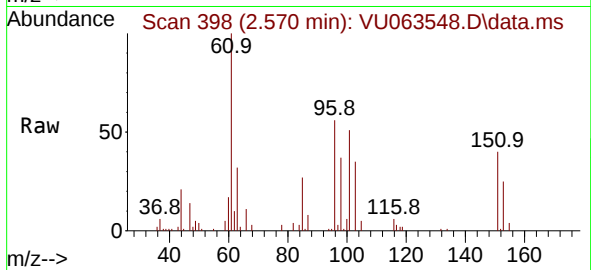




#9
1,1-Dichloroethene
Concen: 2.064 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

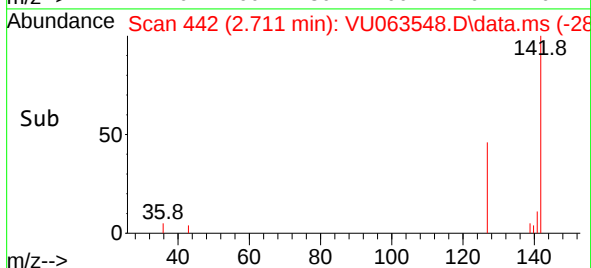
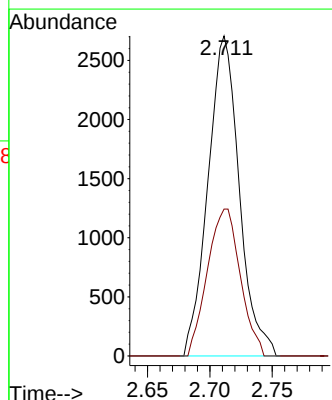
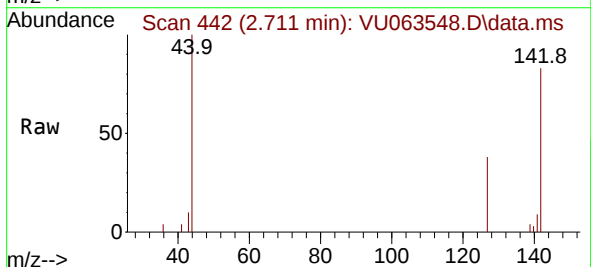
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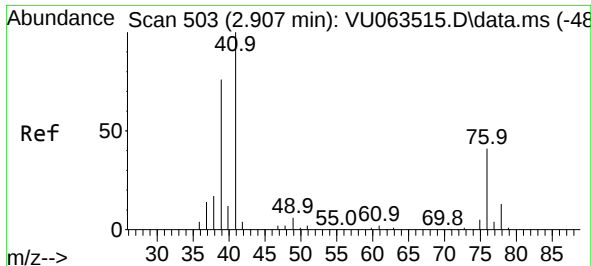
Tgt Ion: 96 Resp: 11583
Ion Ratio Lower Upper
96 100
61 178.9 0.0 504.3
98 65.6 0.0 126.8



#10
Iodomethane
Concen: 1.429 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion: 142 Resp: 4736
Ion Ratio Lower Upper
142 100
127 48.2 37.9 56.9

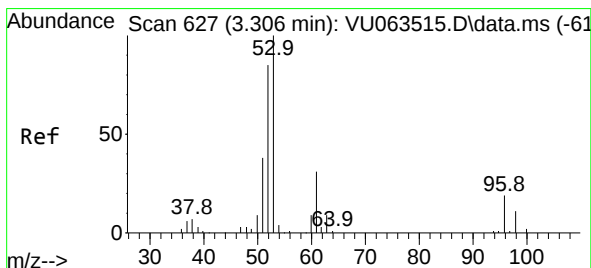
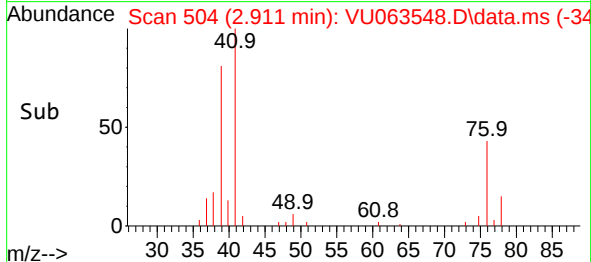
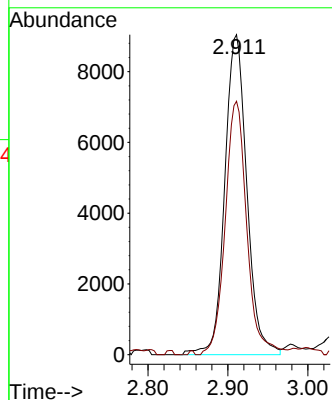
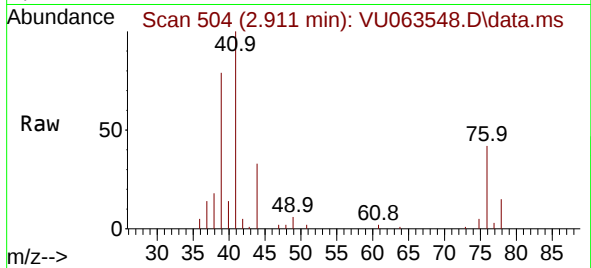




#11
 Allyl Chloride
 Concen: 2.139 ug/l
 RT: 2.911 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063548.D
 Acq: 21 Jul 2025 12:52

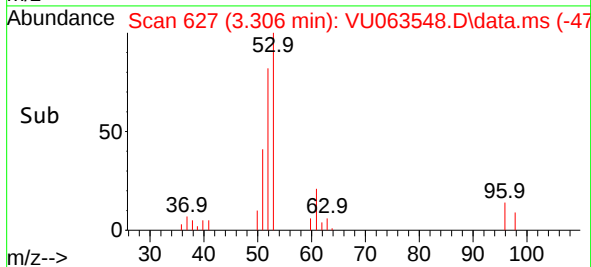
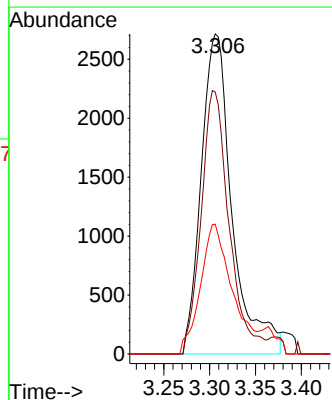
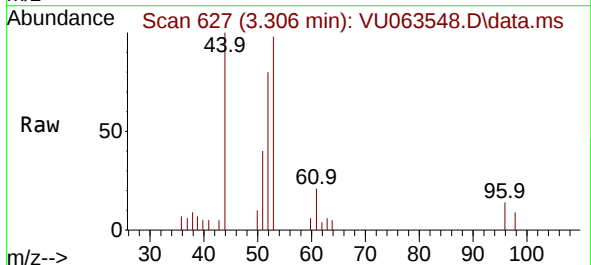
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0721WBS01

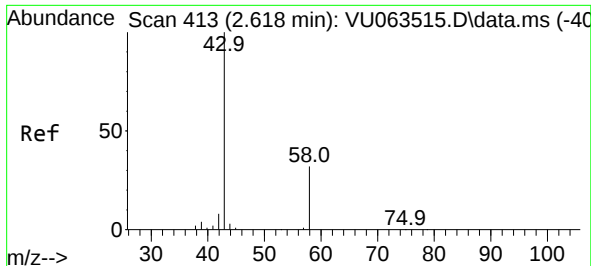
Tgt Ion: 41 Resp: 17339
 Ion Ratio Lower Upper
 41 100
 39 77.6 61.5 92.3



#12
 Acrylonitrile
 Concen: 4.543 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU063548.D
 Acq: 21 Jul 2025 12:52

Tgt Ion: 53 Resp: 6376
 Ion Ratio Lower Upper
 53 100
 52 74.3 64.3 96.5
 51 41.5 27.8 41.8





#13

Acetone

Concen: 18.893 ug/l

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

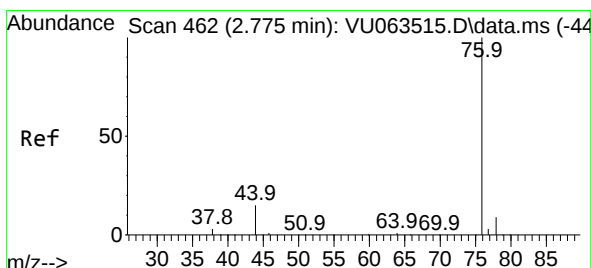
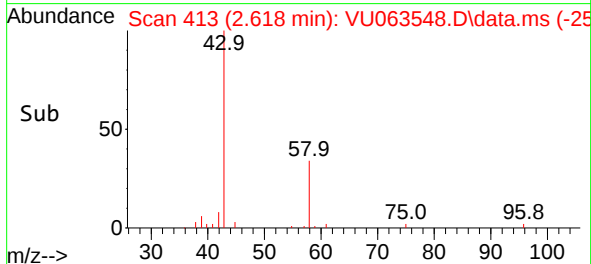
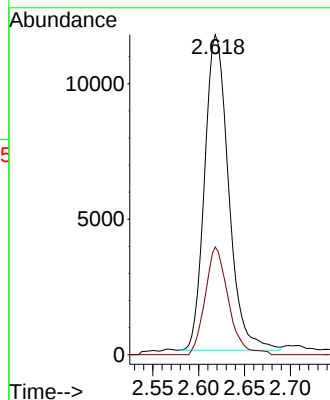
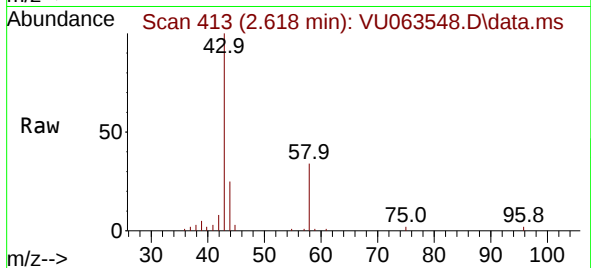
VU0721WBS01

Tgt Ion: 43 Resp: 21245

Ion Ratio Lower Upper

43 100

58 34.1 25.4 38.0



#14

Carbon Disulfide

Concen: 1.627 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063548.D

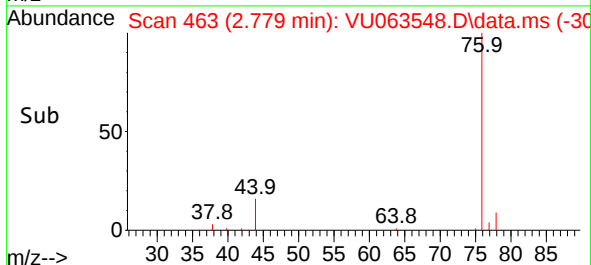
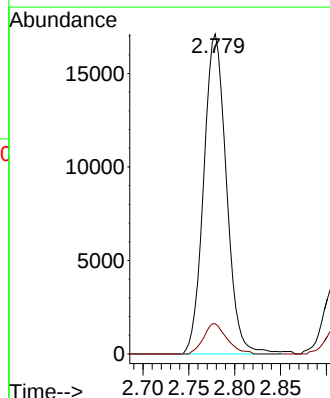
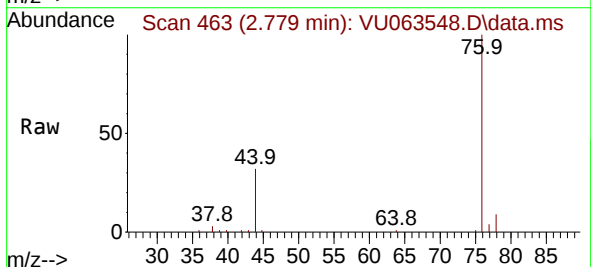
Acq: 21 Jul 2025 12:52

Tgt Ion: 76 Resp: 29497

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6

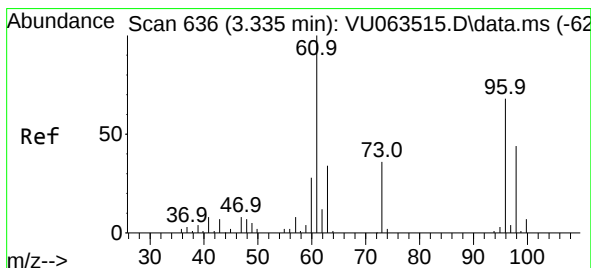
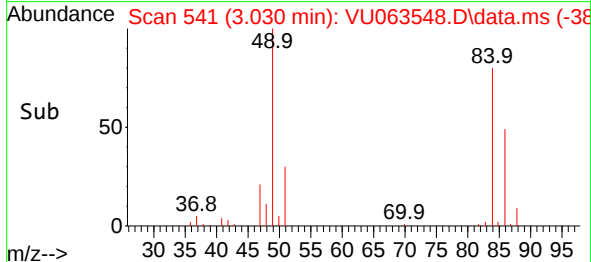
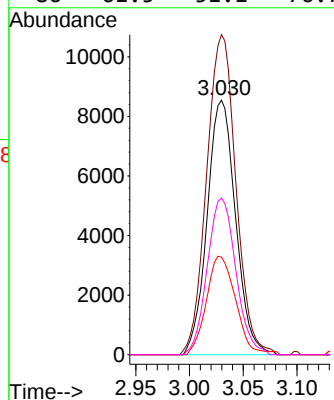
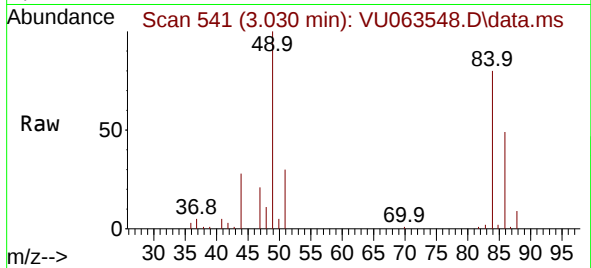




#15
Methylene Chloride
Concen: 2.379 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

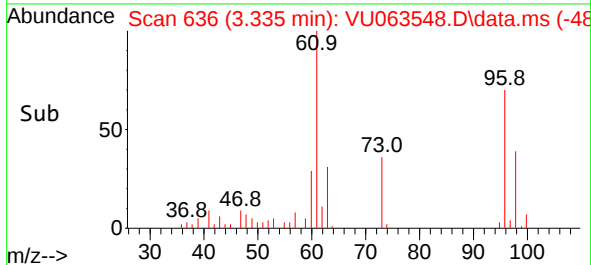
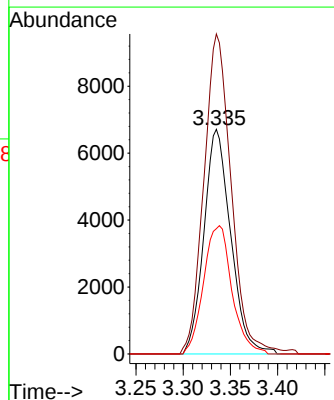
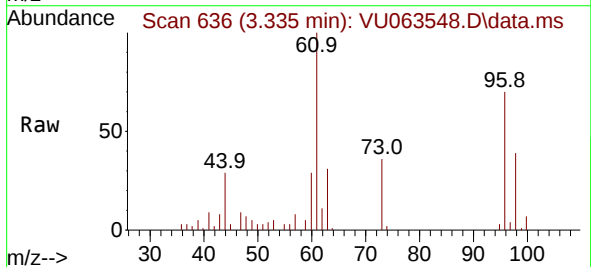
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

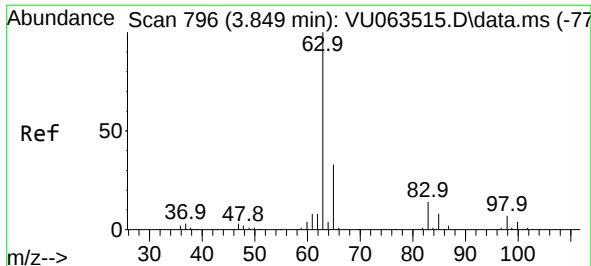
Tgt Ion: 84	Resp: 15718
Ion Ratio	Lower Upper
84 100	
49 125.7	103.8 155.8
51 38.3	0.0 80.4
86 61.5	51.1 76.7



#16
trans-1,2-Dichloroethene
Concen: 2.074 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion: 96	Resp: 13218
Ion Ratio	Lower Upper
96 100	
61 142.5	117.2 175.8
98 55.8	51.4 77.2

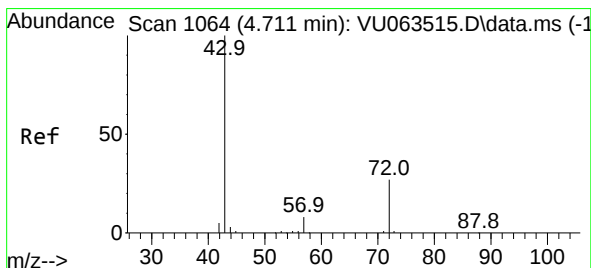
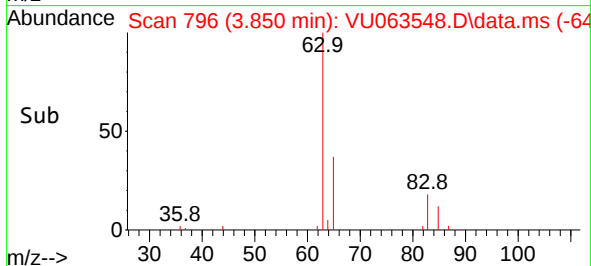
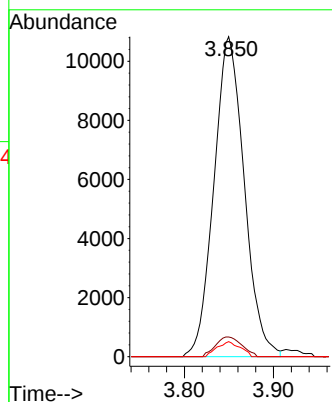
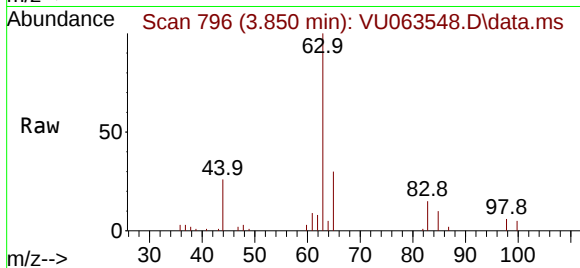




#17
 1,1-Dichloroethane
 Concen: 2.169 ug/l
 RT: 3.850 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VU063548.D
 Acq: 21 Jul 2025 12:52

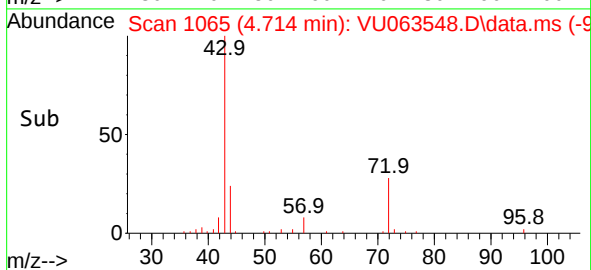
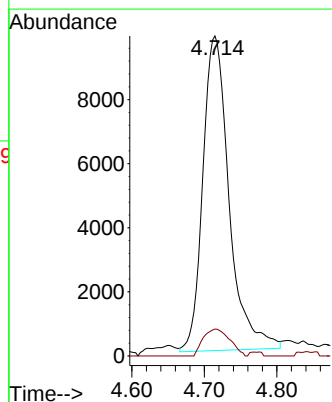
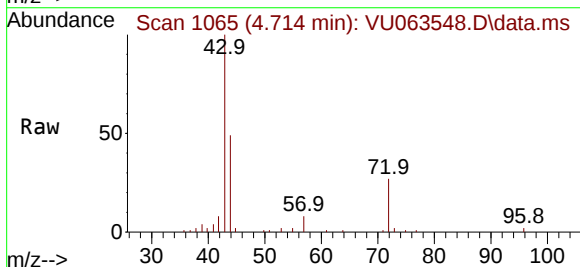
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0721WBS01

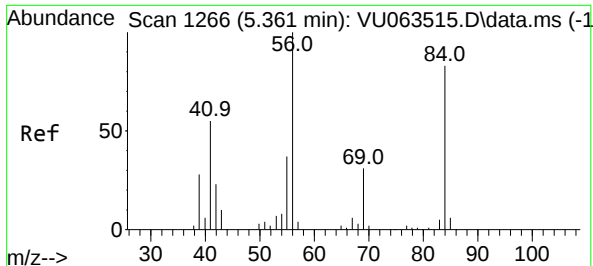
Tgt Ion: 63 Resp: 25621
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.2
 100 4.7 2.1 6.2



#18
 2-Butanone
 Concen: 14.219 ug/l
 RT: 4.714 min Scan# 1065
 Delta R.T. 0.003 min
 Lab File: VU063548.D
 Acq: 21 Jul 2025 12:52

Tgt Ion: 43 Resp: 24761
 Ion Ratio Lower Upper
 43 100
 57 8.6 0.0 16.4





#19

Cyclohexane

Concen: 2.077 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

VU0721WBS01

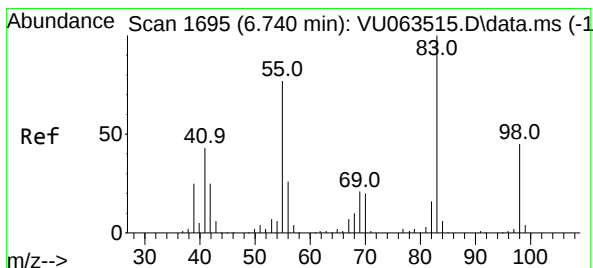
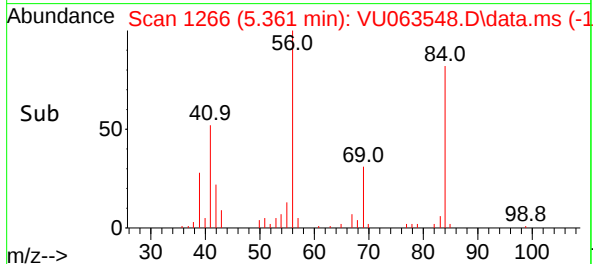
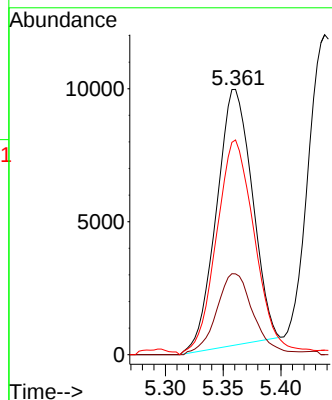
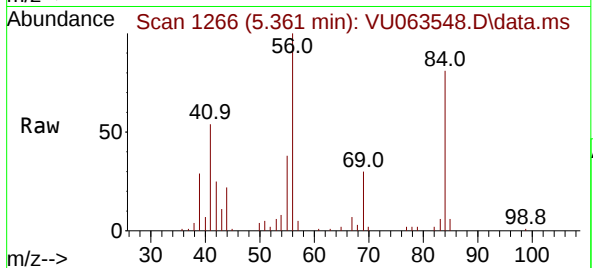
Tgt Ion: 56 Resp: 20771

Ion Ratio Lower Upper

56 100

69 31.2 26.6 39.8

84 87.9 71.0 106.4



#20

Methylcyclohexane

Concen: 1.769 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

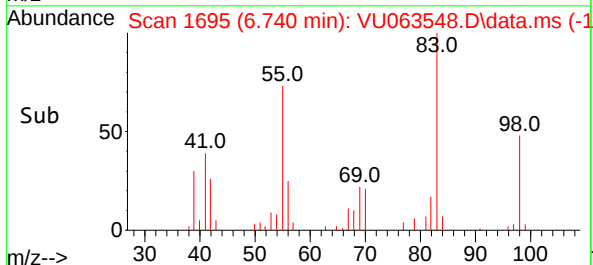
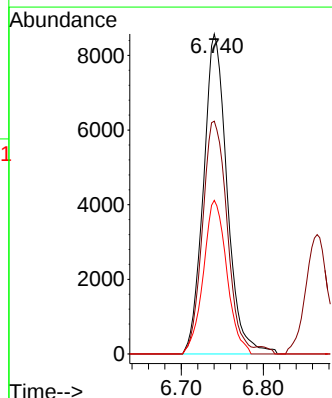
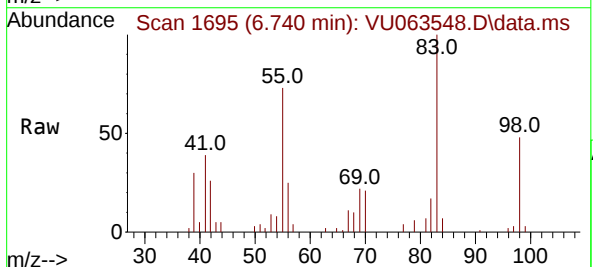
Tgt Ion: 83 Resp: 17192

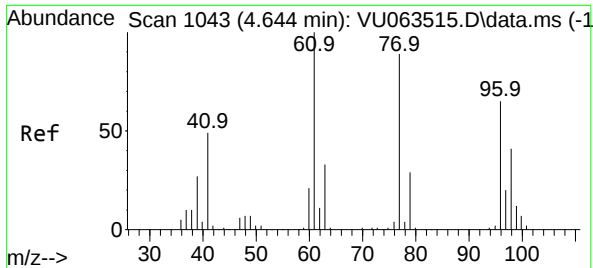
Ion Ratio Lower Upper

83 100

55 73.0 60.6 90.8

98 47.6 35.8 53.8

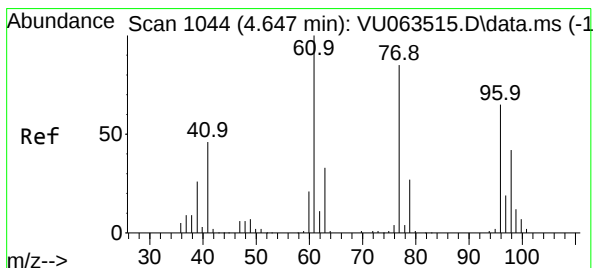
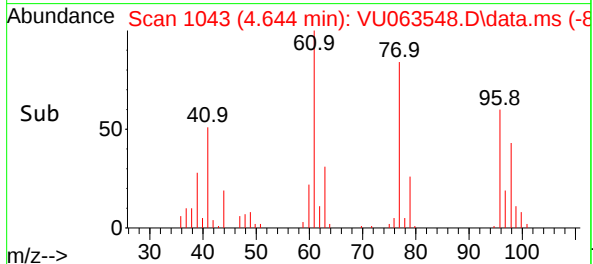
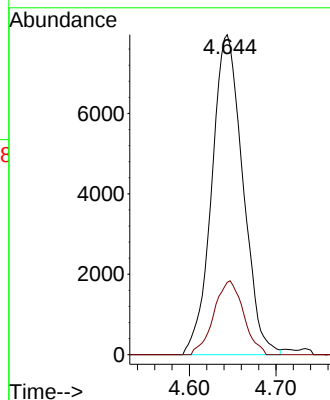
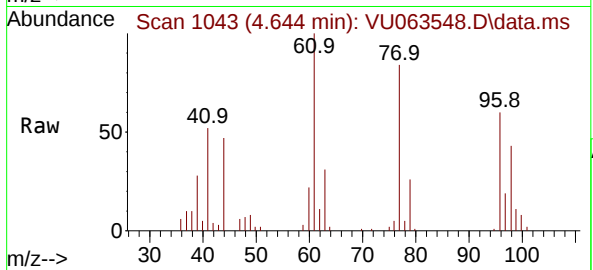




#21
2,2-Dichloropropane
Concen: 1.974 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

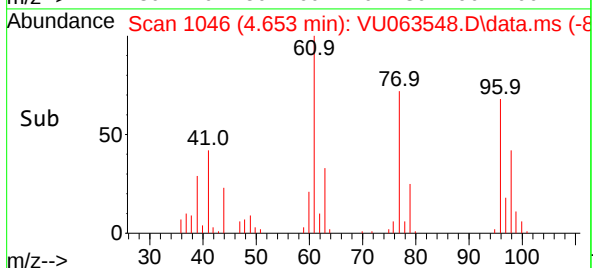
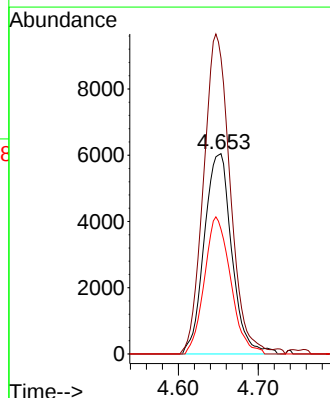
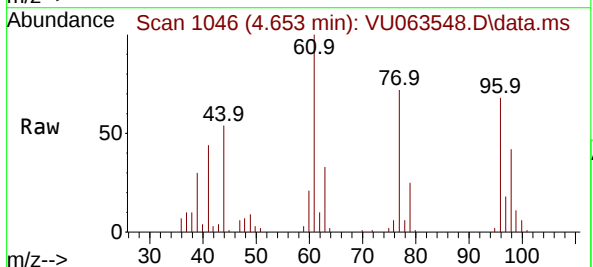
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

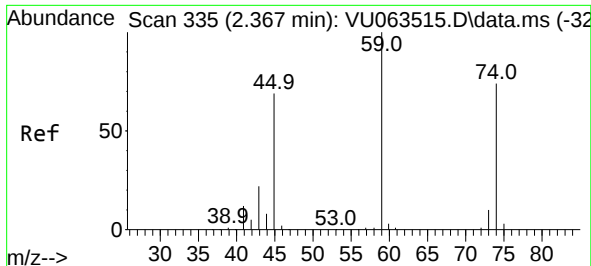
Tgt Ion: 77 Resp: 19858
Ion Ratio Lower Upper
77 100
97 21.9 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 2.092 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.007 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion: 96 Resp: 14469
Ion Ratio Lower Upper
96 100
61 154.3 0.0 384.7
98 65.2 32.1 96.3





#23

Diethyl Ether

Concen: 2.176 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

VU0721WBS01

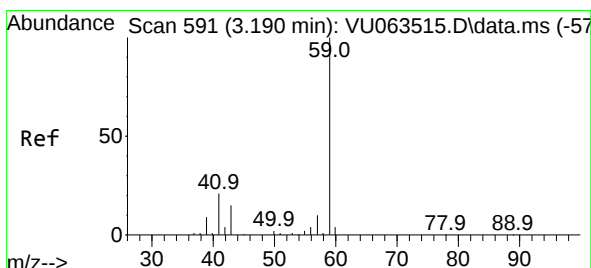
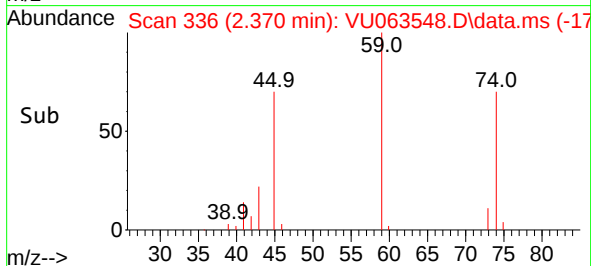
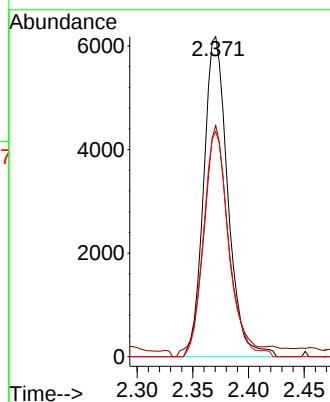
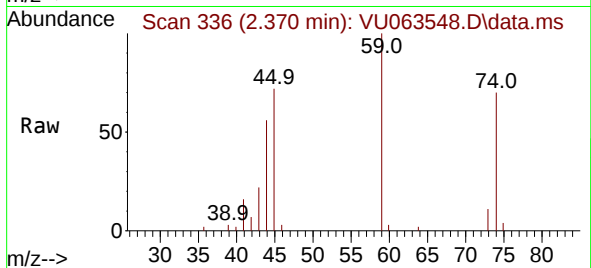
Tgt Ion: 59 Resp: 9303

Ion Ratio Lower Upper

59 100

45 74.8 55.1 82.7

74 73.3 58.2 87.4



#24

tert-Butyl Alcohol

Concen: 24.073 ug/l

RT: 3.187 min Scan# 590

Delta R.T. -0.003 min

Lab File: VU063548.D

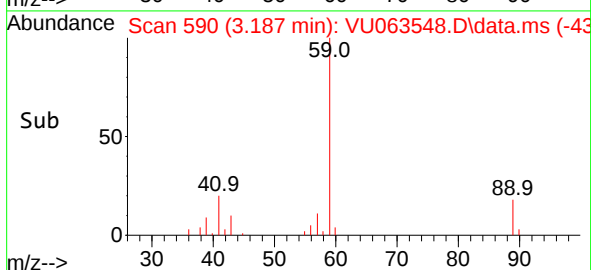
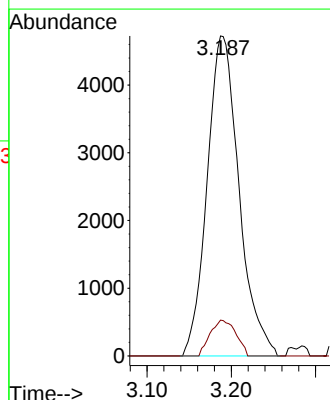
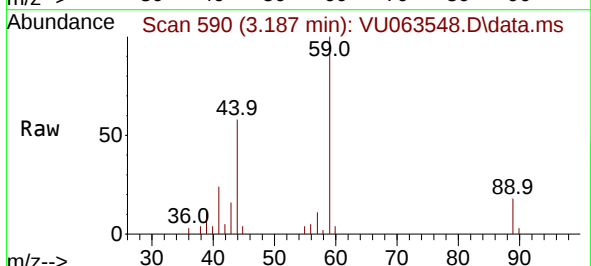
Acq: 21 Jul 2025 12:52

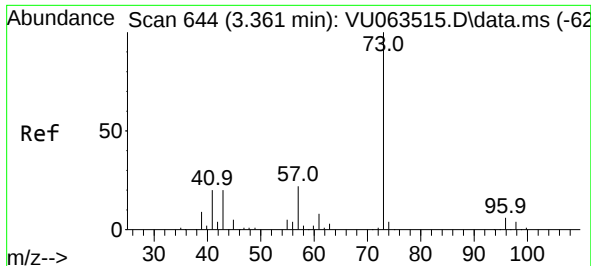
Tgt Ion: 59 Resp: 12426

Ion Ratio Lower Upper

59 100

57 9.0 8.6 12.8

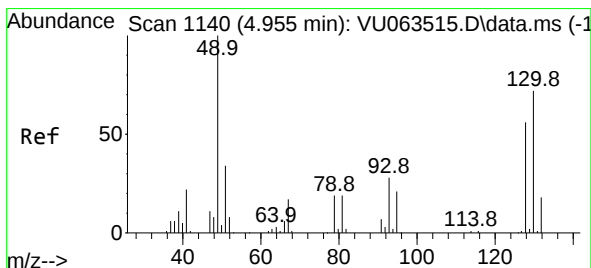
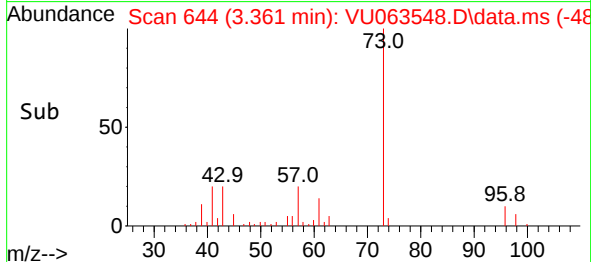
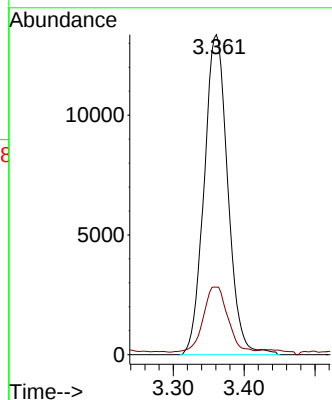
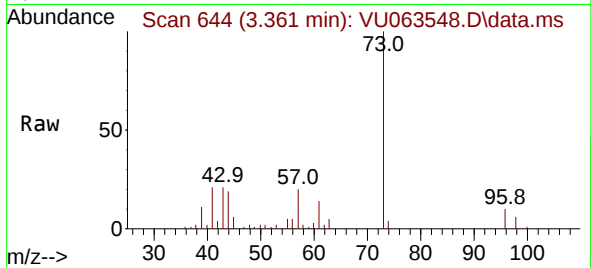




#25
Methyl tert-Butyl Ether
Concen: 2.115 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

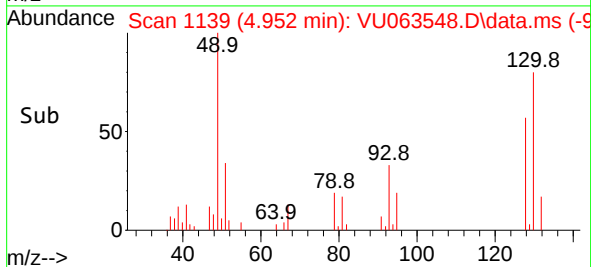
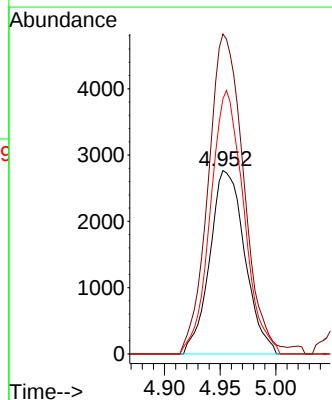
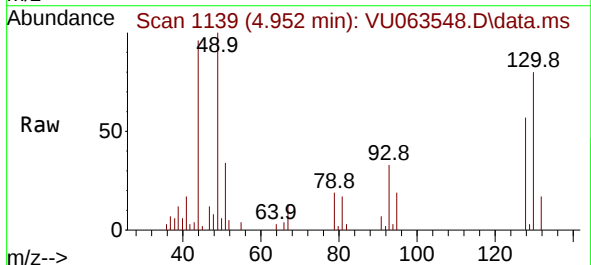
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

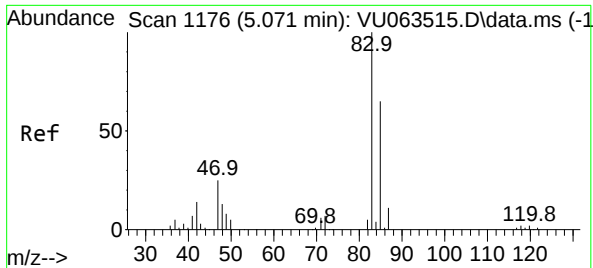
Tgt Ion: 73 Resp: 30980
Ion Ratio Lower Upper
73 100
43 21.0 16.2 24.2



#26
Bromochloromethane
Concen: 2.090 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion: 128 Resp: 6035
Ion Ratio Lower Upper
128 100
49 177.2 0.0 340.8
130 137.2 100.5 150.7





#27

Chloroform

Concen: 2.184 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

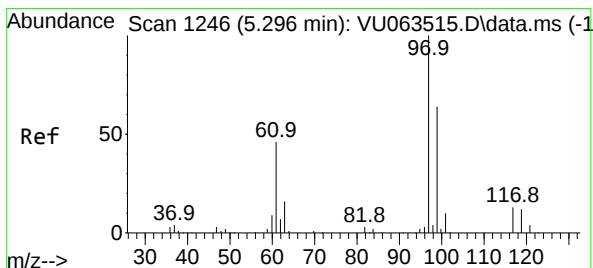
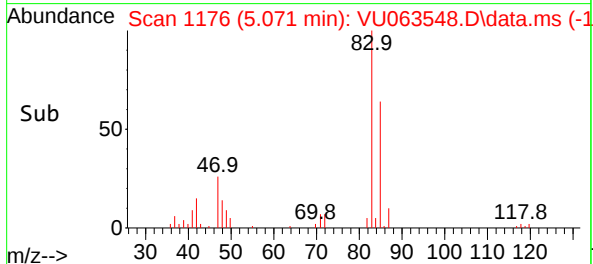
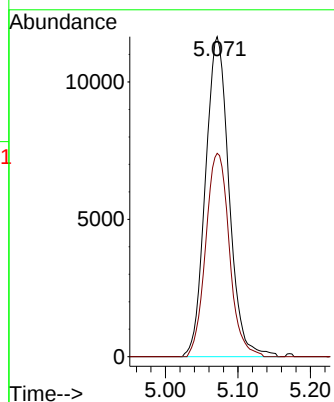
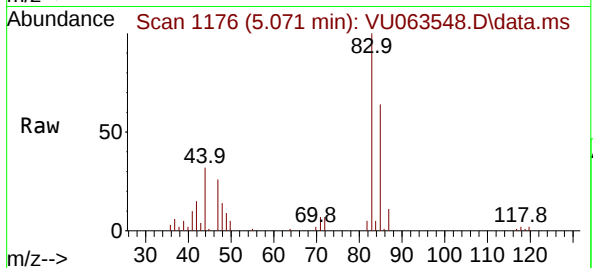
VU0721WBS01

Tgt Ion: 83 Resp: 26326

Ion Ratio Lower Upper

83 100

85 63.6 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 2.069 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

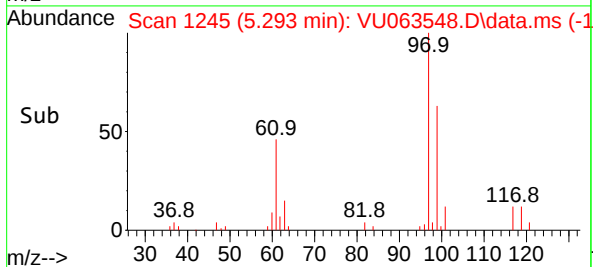
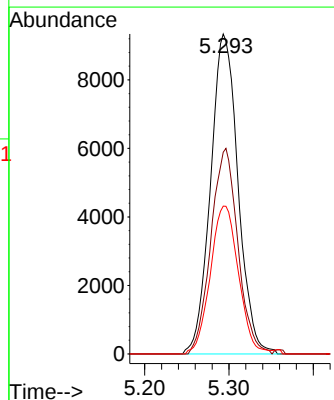
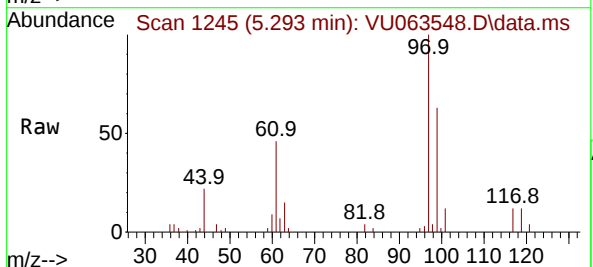
Tgt Ion: 97 Resp: 21163

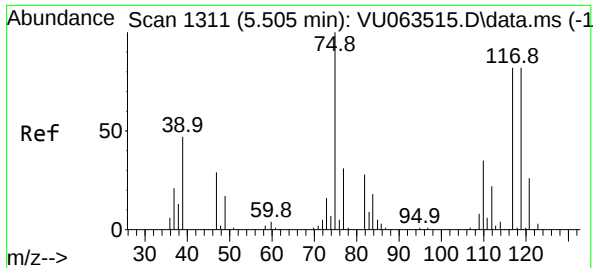
Ion Ratio Lower Upper

97 100

99 63.1 31.8 95.3

61 47.4 23.3 69.9

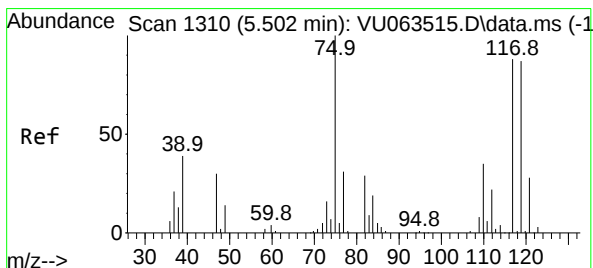
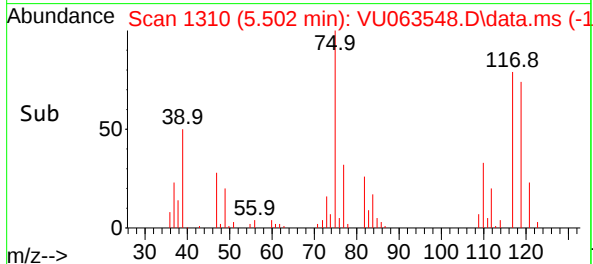
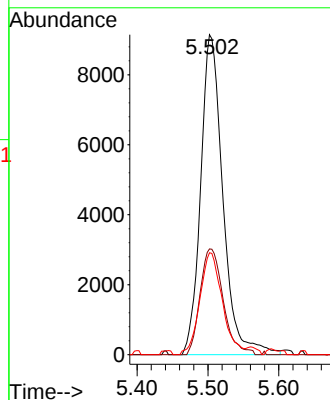
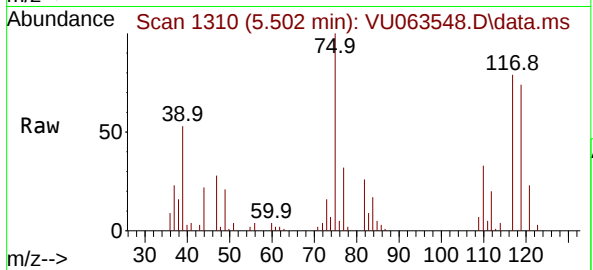




#29
1,1-Dichloropropene
Concen: 2.105 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

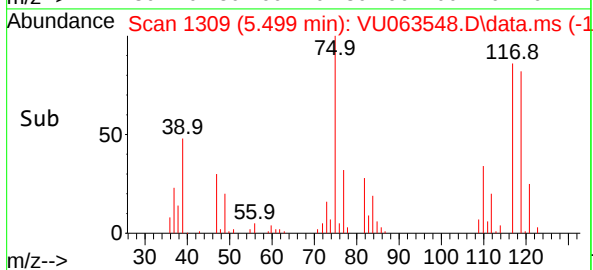
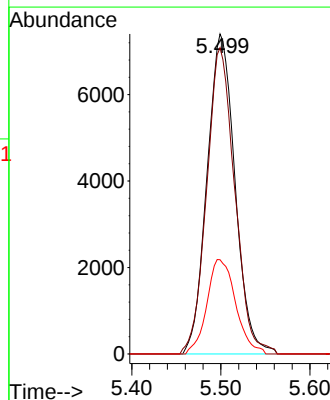
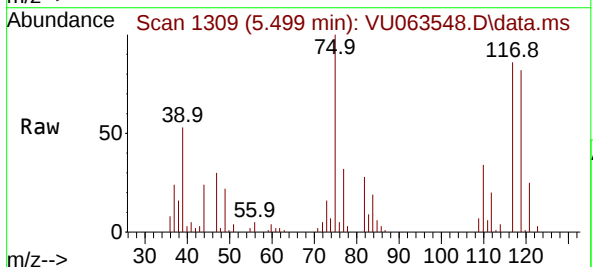
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

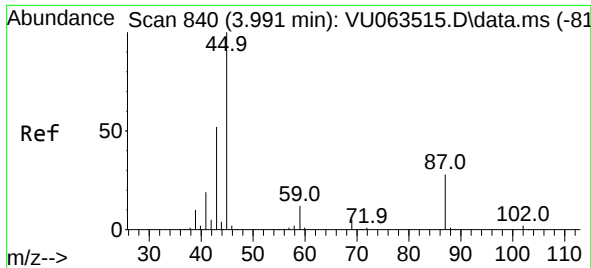
Tgt Ion: 75 Resp: 19948
Ion Ratio Lower Upper
75 100
110 34.2 17.8 53.4
77 32.1 24.6 37.0



#30
Carbon Tetrachloride
Concen: 1.963 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion: 117 Resp: 16166
Ion Ratio Lower Upper
117 100
119 95.7 79.2 118.8
121 29.4 25.5 38.3

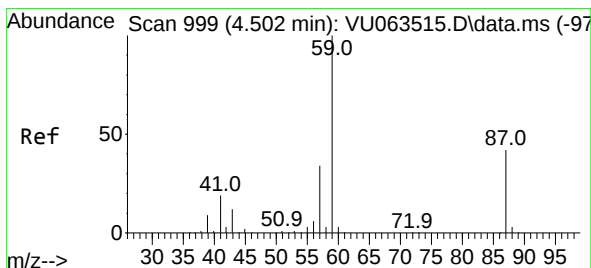
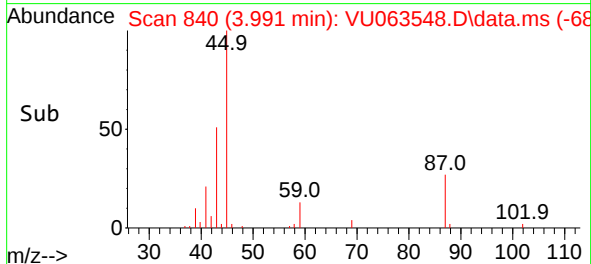
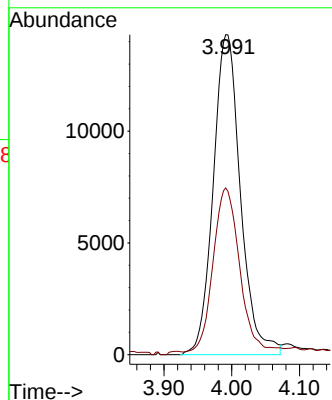
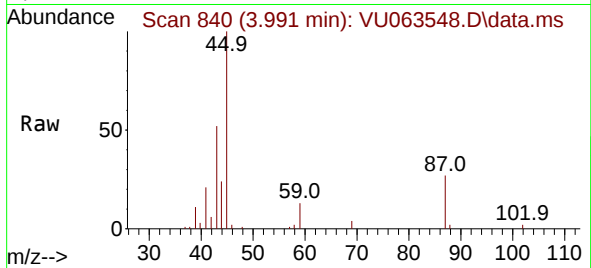




#31
Isopropyl Ether
Concen: 2.244 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

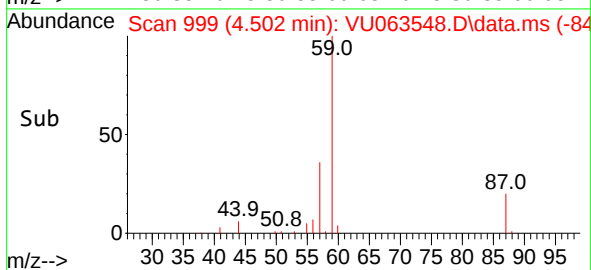
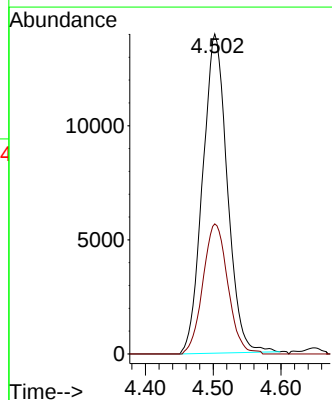
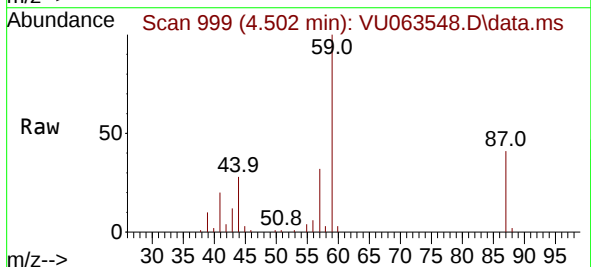
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

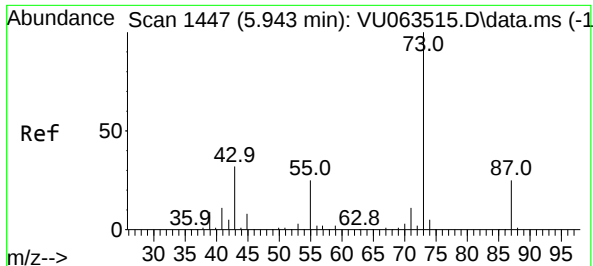
Tgt Ion: 45 Resp: 40011
Ion Ratio Lower Upper
45 100
43 48.9 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 2.139 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion: 59 Resp: 35288
Ion Ratio Lower Upper
59 100
87 41.2 32.6 49.0

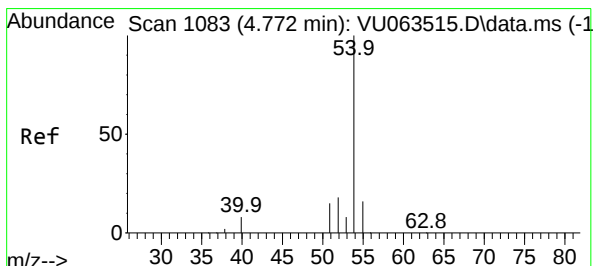
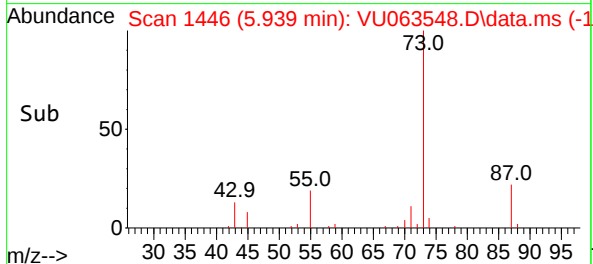
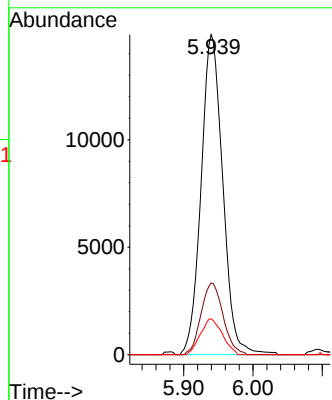
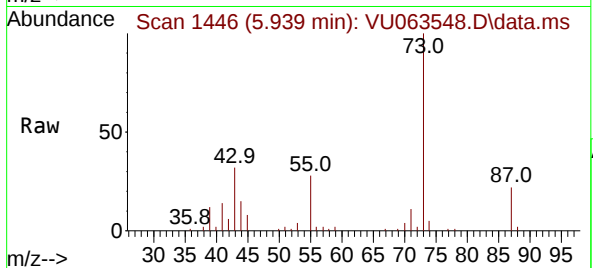




#33
Tert-Amyl methyl ether
Concen: 2.258 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

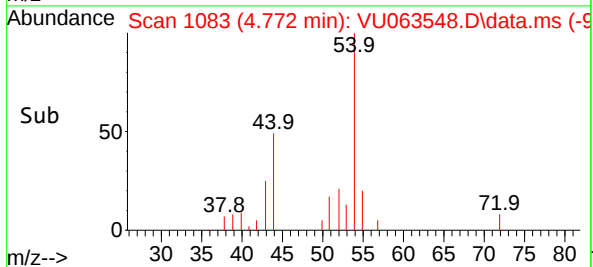
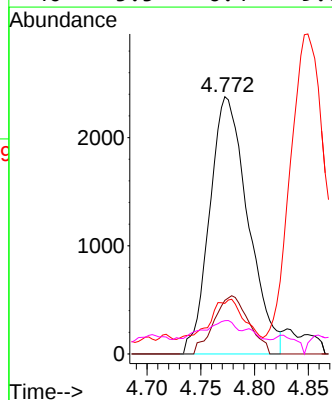
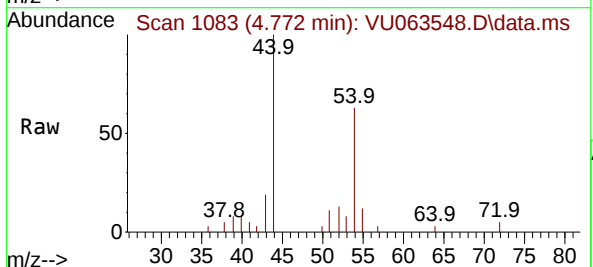
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

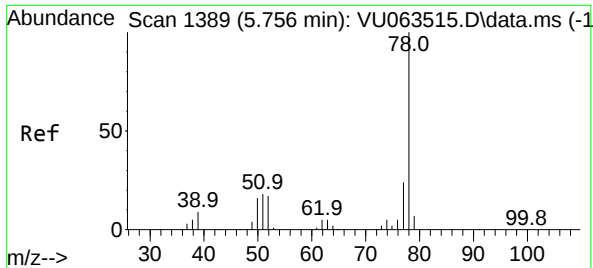
Tgt Ion: 73 Resp: 32331
Ion Ratio Lower Upper
73 100
87 22.8 19.4 29.2
71 11.3 8.9 13.3



#34
Propionitrile
Concen: 11.111 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion: 54 Resp: 5895
Ion Ratio Lower Upper
54 100
52 20.4 17.0 25.4
55 11.6 13.6 20.4#
40 5.5 6.4 9.6#

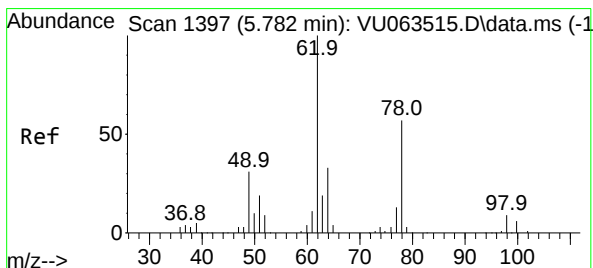
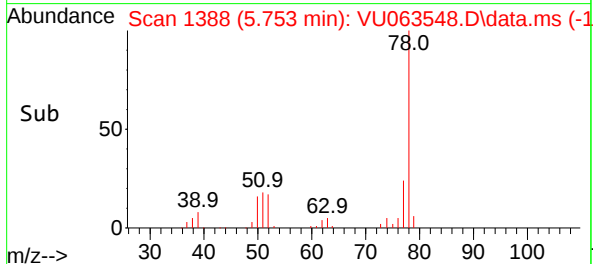
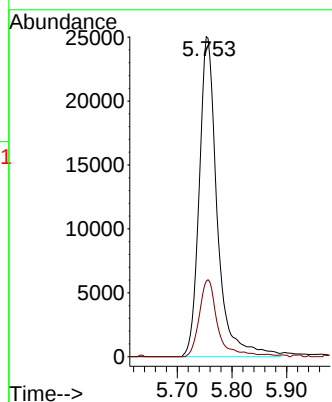
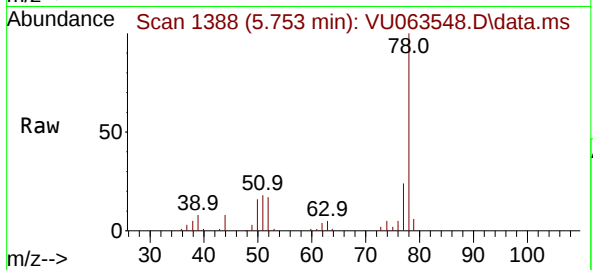




#35
Benzene
Concen: 2.247 ug/l
RT: 5.753 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

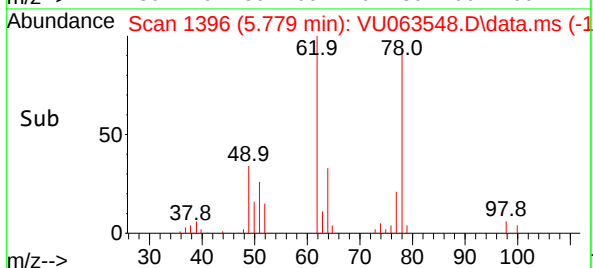
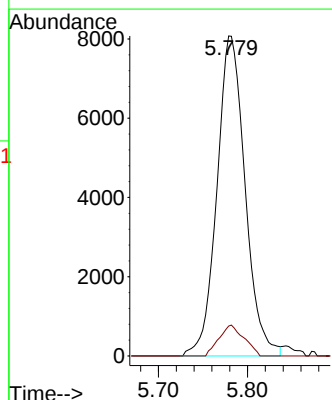
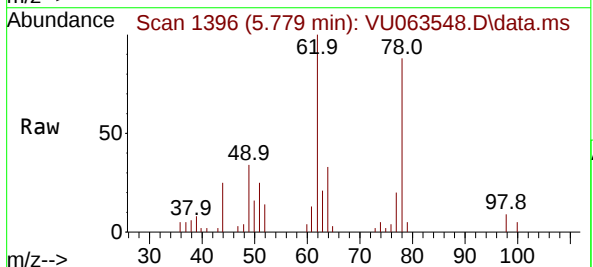
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

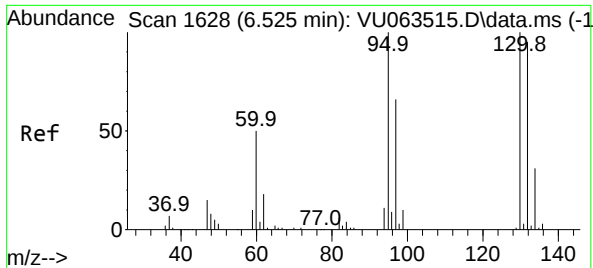
Tgt Ion: 78 Resp: 57221
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.2



#36
1,2-Dichloroethane
Concen: 2.245 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion: 62 Resp: 17765
Ion Ratio Lower Upper
62 100
98 8.5 6.4 9.6





#37

Trichloroethene

Concen: 1.672 ug/l

RT: 6.528 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

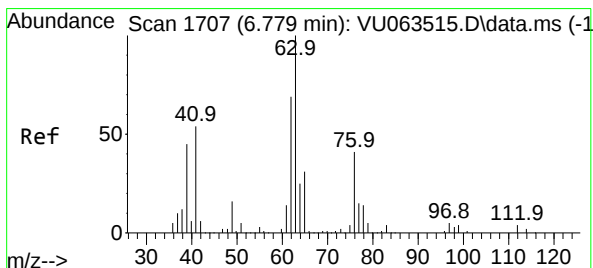
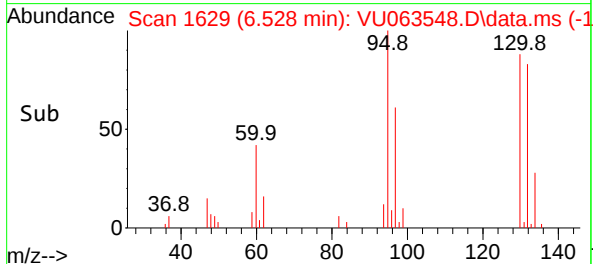
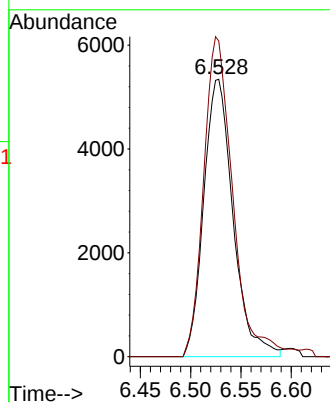
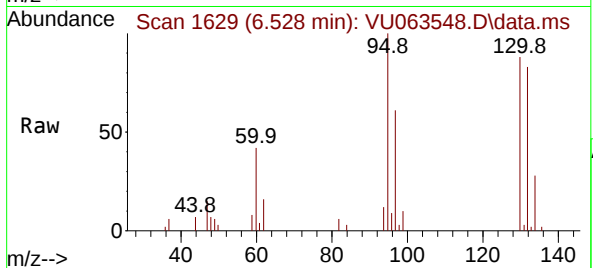
VU0721WBS01

Tgt Ion:130 Resp: 10861

Ion Ratio Lower Upper

130 100

95 113.8 80.3 120.5



#38

1,2-Dichloropropane

Concen: 1.971 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VU063548.D

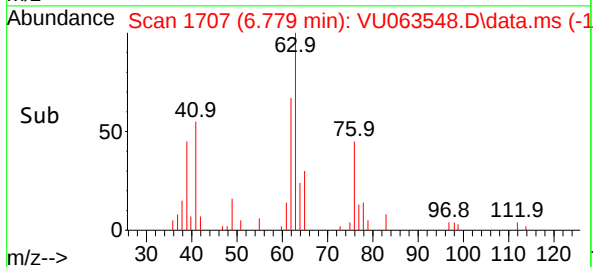
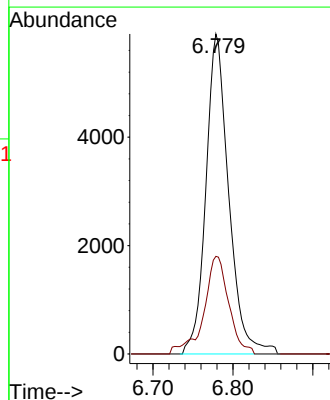
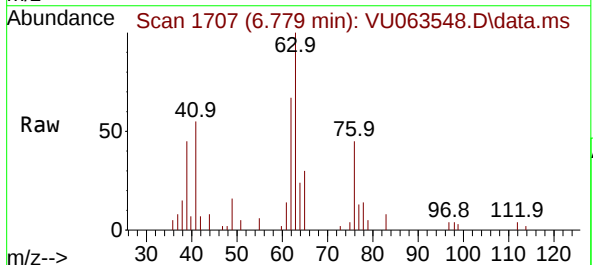
Acq: 21 Jul 2025 12:52

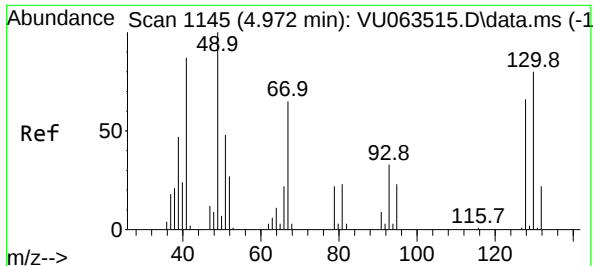
Tgt Ion: 63 Resp: 11746

Ion Ratio Lower Upper

63 100

65 30.5 24.6 36.8





#39

Methacrylonitrile

Concen: 2.062 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

VU0721WBS01

Tgt Ion: 41 Resp: 4863

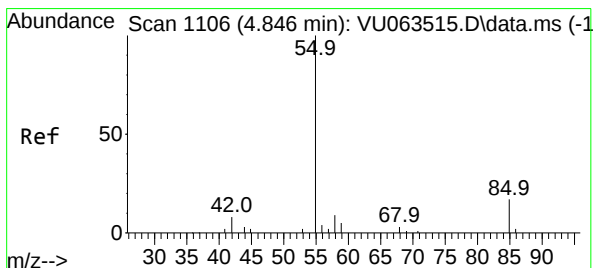
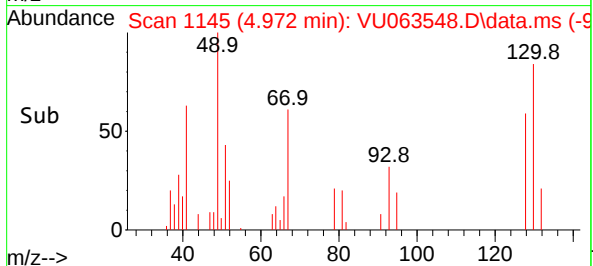
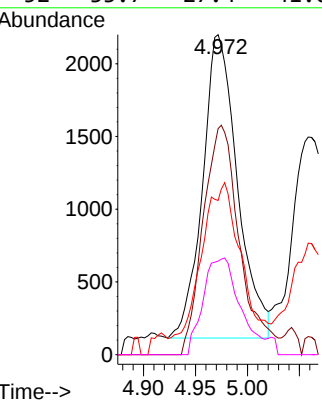
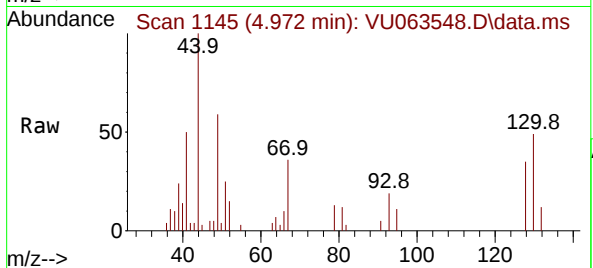
Ion Ratio Lower Upper

41 100

67 79.4 62.7 94.1

39 63.0 43.1 64.7

52 33.7 27.4 41.0



#40

Methyl acrylate

Concen: 1.877 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Tgt Ion: 55 Resp: 6471

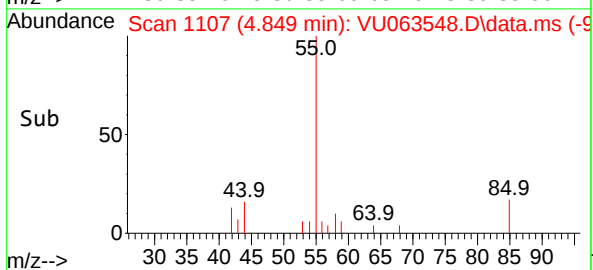
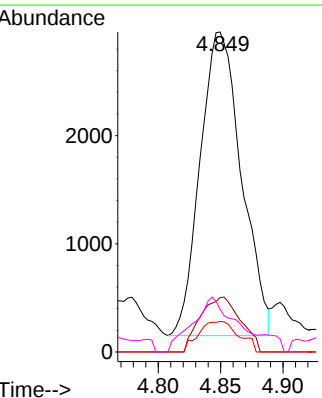
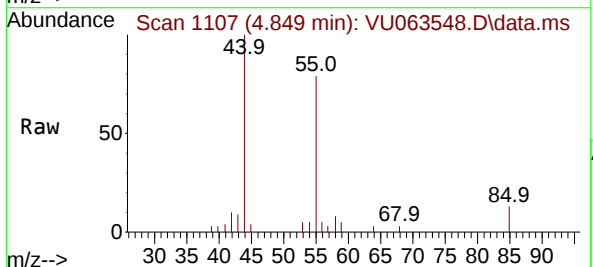
Ion Ratio Lower Upper

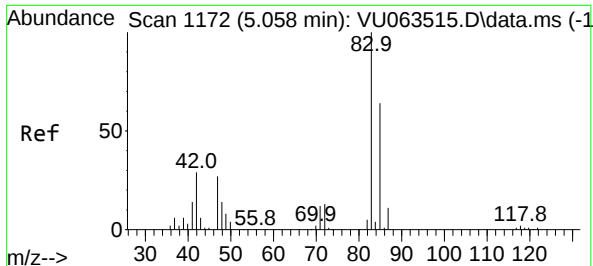
55 100

85 17.7 12.8 19.2

58 9.7 7.0 10.4

42 18.8 7.0 10.4#





#41

Tetrahydrofuran

Concen: 3.837 ug/l

RT: 5.062 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

VU0721WBS01

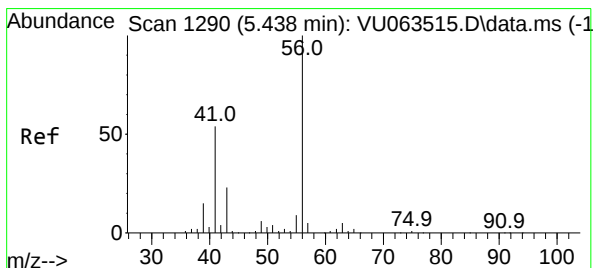
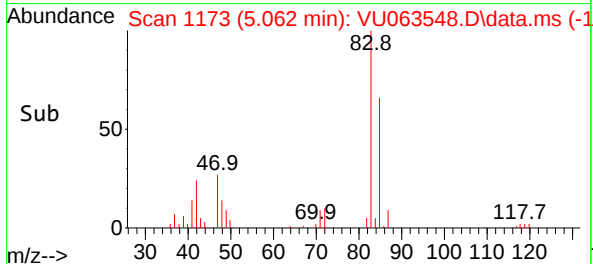
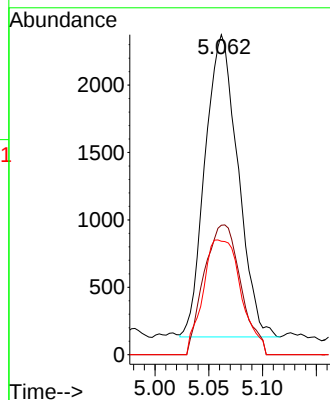
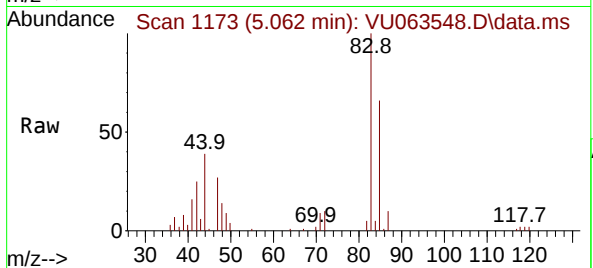
Tgt Ion: 42 Resp: 4760

Ion Ratio Lower Upper

42 100

72 48.1 39.2 58.8

71 43.9 34.8 52.2



#42

1-Chlorobutane

Concen: 2.130 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VU063548.D

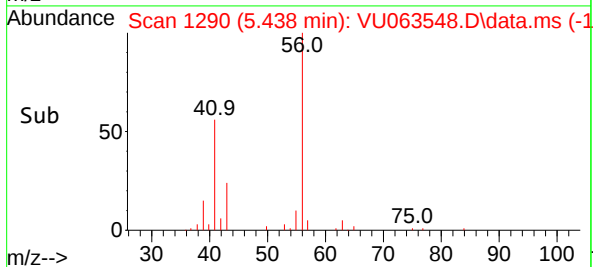
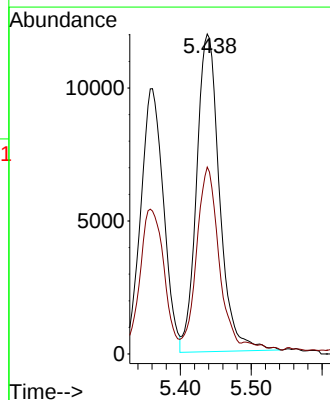
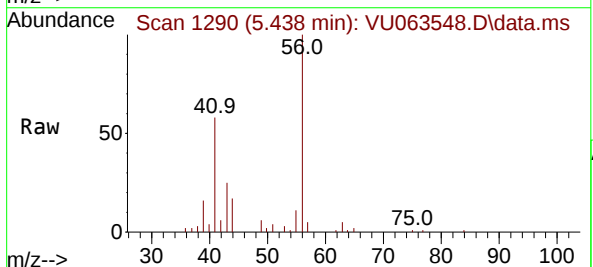
Acq: 21 Jul 2025 12:52

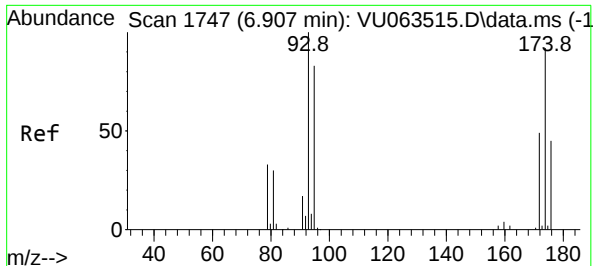
Tgt Ion: 56 Resp: 26832

Ion Ratio Lower Upper

56 100

41 51.7 26.7 80.0

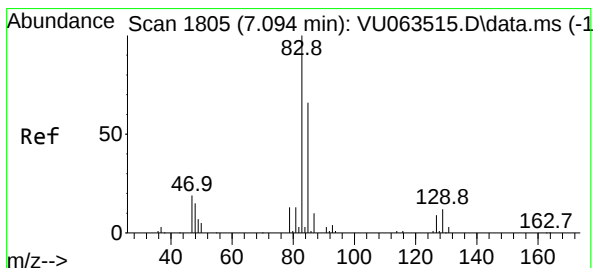
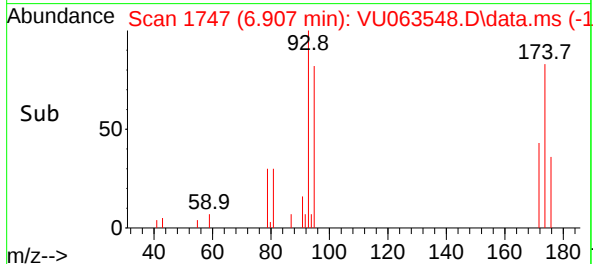
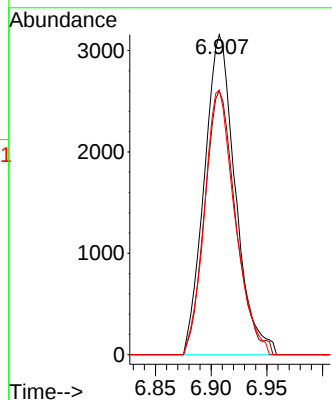
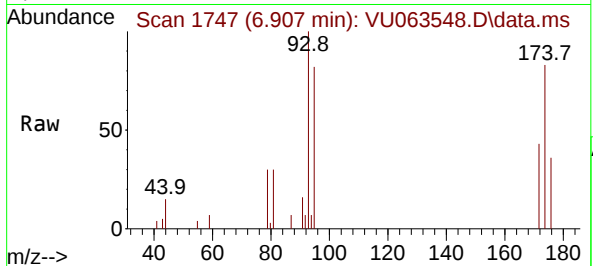




#43
Dibromomethane
Concen: 1.974 ug/l
RT: 6.907 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

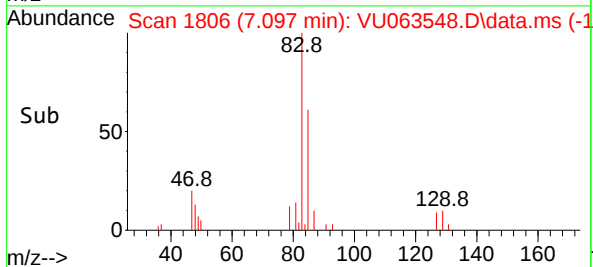
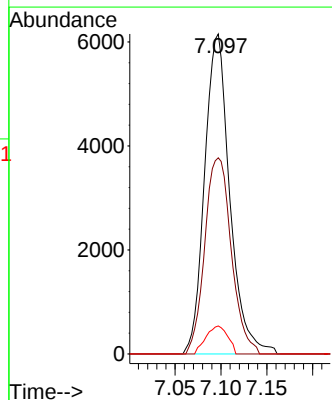
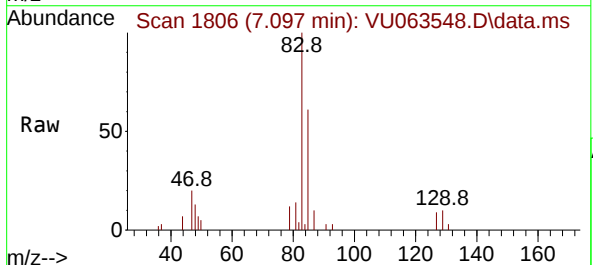
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

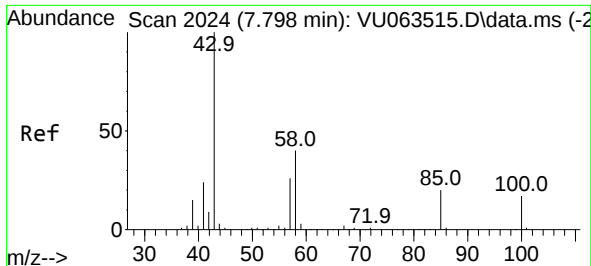
Tgt Ion:	93	Resp:	6093
Ion	Ratio	Lower	Upper
93	100		
95	82.6	67.9	101.9
174	81.5	74.6	111.8



#44
Bromodichloromethane
Concen: 1.687 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion:	83	Resp:	11744
Ion	Ratio	Lower	Upper
83	100		
85	61.3	52.7	79.1
127	8.8	8.1	12.1

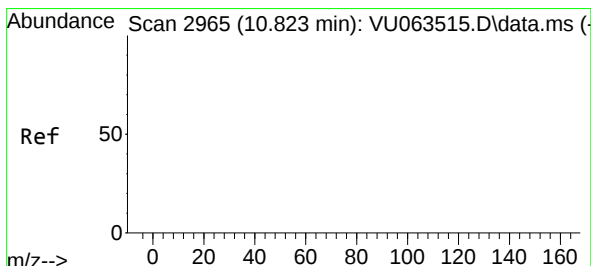
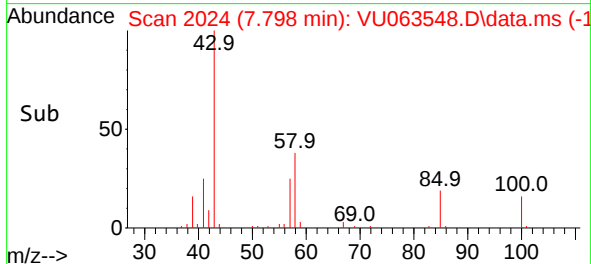
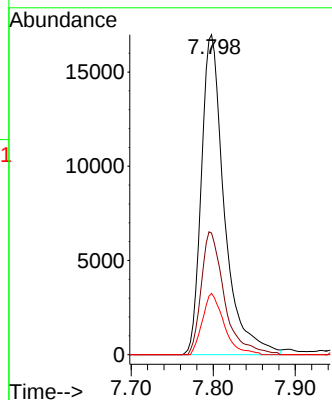
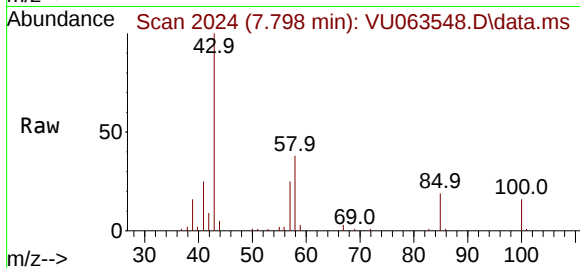




#45
4-Methyl-2-Pentanone
Concen: 10.391 ug/l
RT: 7.798 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

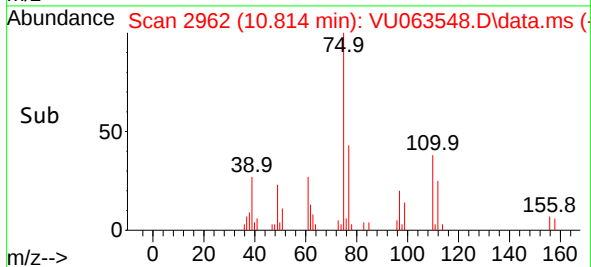
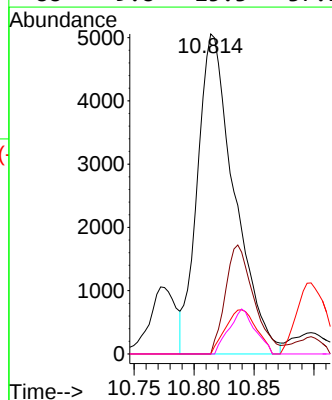
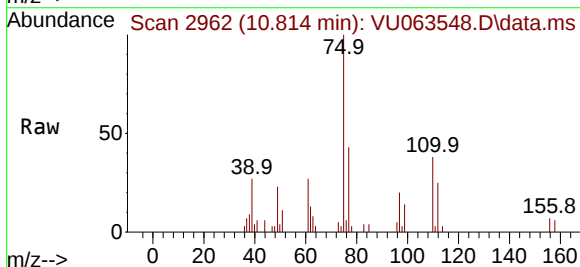
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

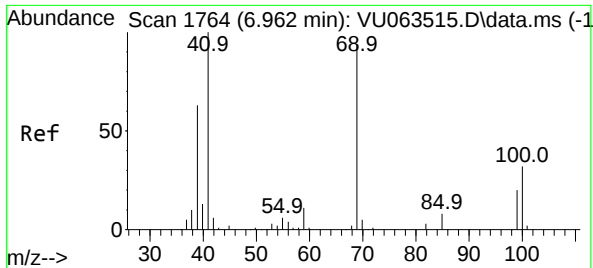
Tgt Ion: 43 Resp: 33063
Ion Ratio Lower Upper
43 100
58 38.8 20.0 60.0
85 18.1 15.4 23.0



#46
t-1,4-Dichloro-2-butene
Concen: 9.072 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.009 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion: 75 Resp: 10835
Ion Ratio Lower Upper
75 100
53 26.1 48.4 72.6#
89 11.5 30.6 45.8#
88 9.8 25.3 37.9#

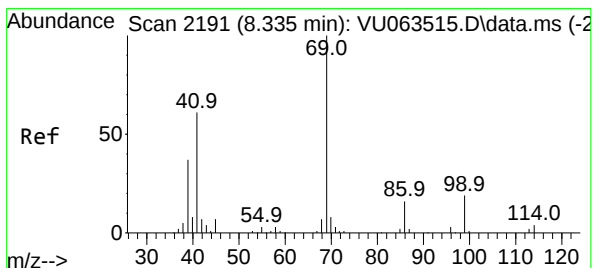
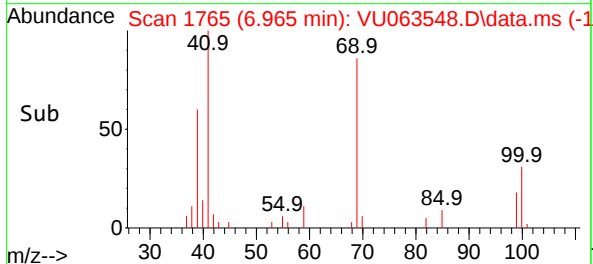
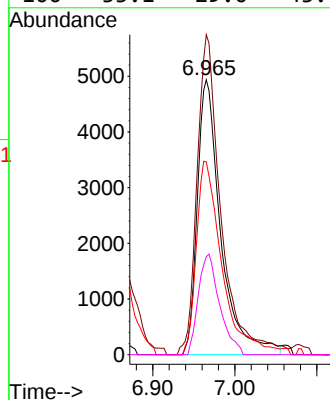
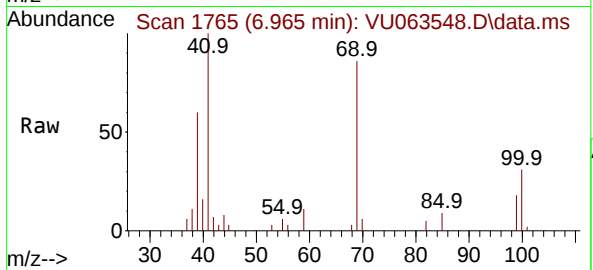




#47
Methyl methacrylate
Concen: 3.795 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

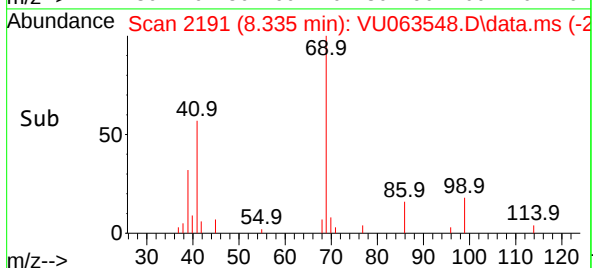
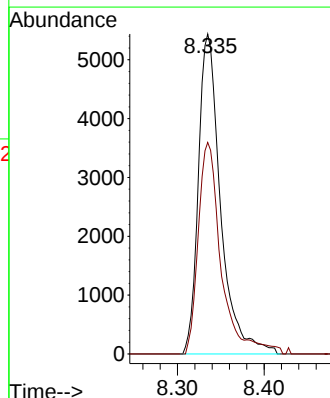
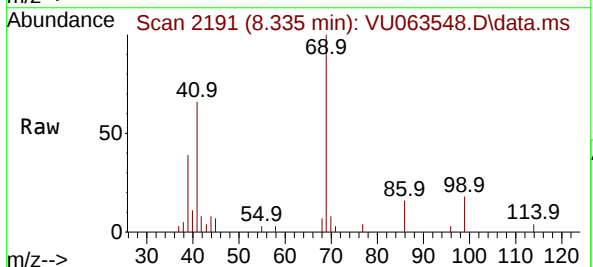
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

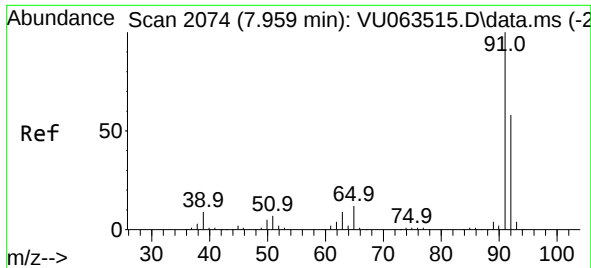
Tgt Ion:	69	Resp:	9840
Ion	Ratio	Lower	Upper
69	100		
41	118.9	0.0	224.0
39	76.6	55.3	82.9
100	33.1	29.0	43.6



#48
Ethyl methacrylate
Concen: 1.956 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion:	69	Resp:	9677
Ion	Ratio	Lower	Upper
69	100		
41	68.1	30.8	92.4





#49

Toluene

Concen: 1.873 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

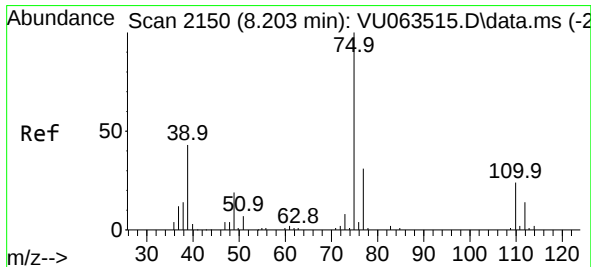
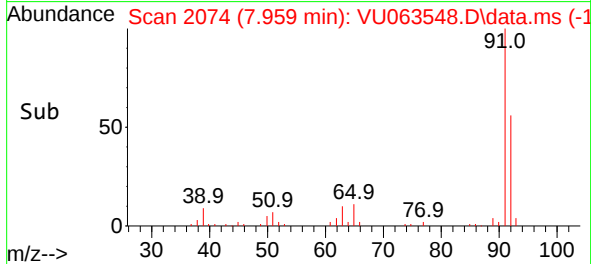
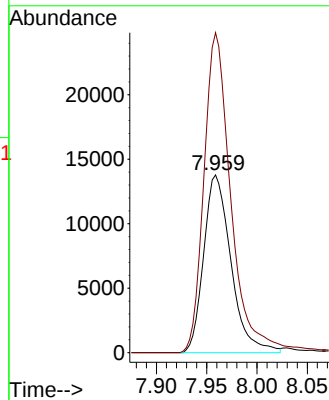
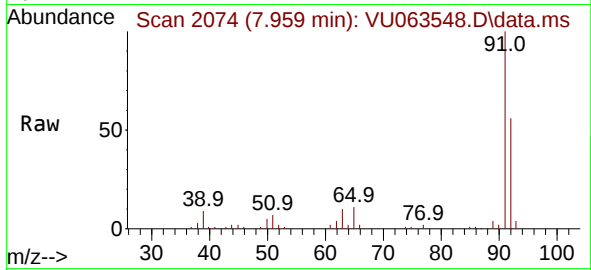
VU0721WBS01

Tgt Ion: 92 Resp: 26044

Ion Ratio Lower Upper

92 100

91 179.8 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 1.558 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063548.D

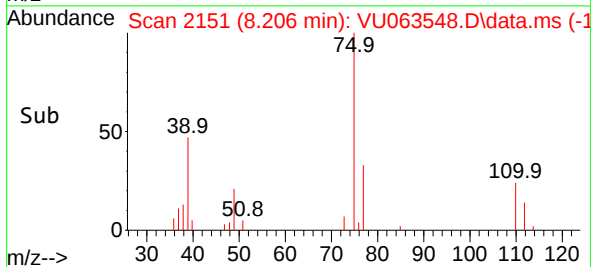
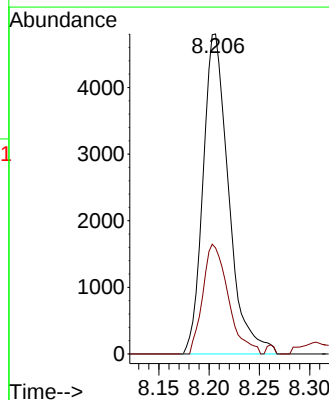
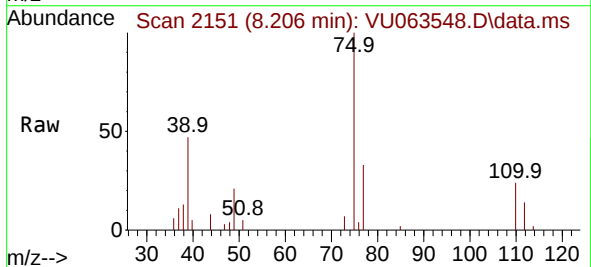
Acq: 21 Jul 2025 12:52

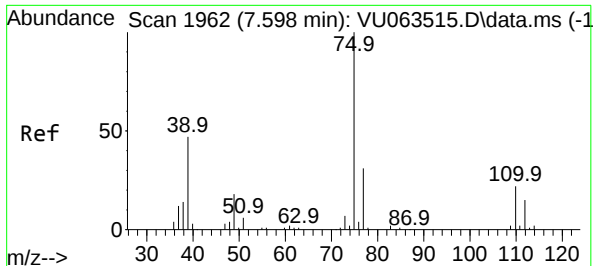
Tgt Ion: 75 Resp: 8511

Ion Ratio Lower Upper

75 100

77 33.1 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 1.622 ug/l

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

VU0721WBS01

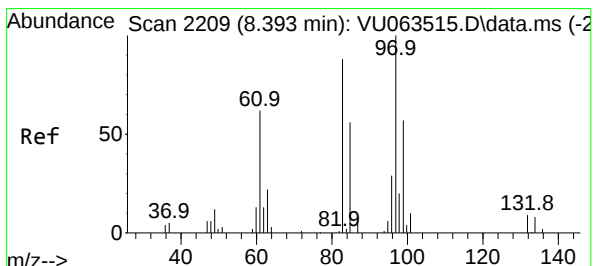
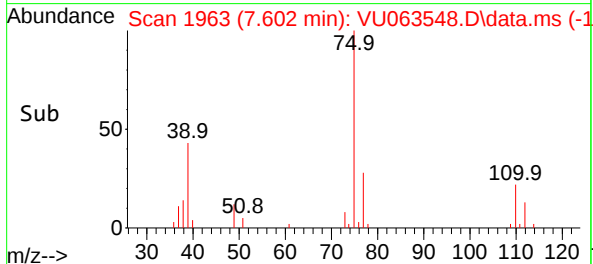
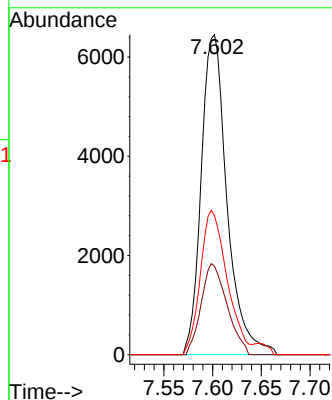
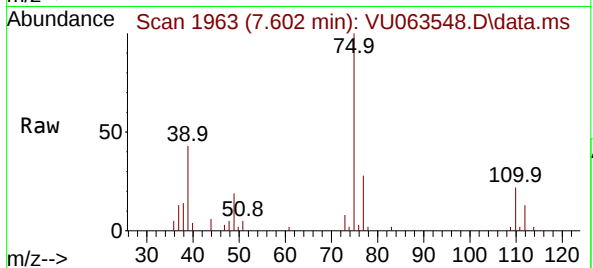
Tgt Ion: 75 Resp: 11891

Ion Ratio Lower Upper

75 100

77 27.7 25.1 37.7

39 43.5 37.8 56.6



#52

1,1,2-Trichloroethane

Concen: 2.071 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Tgt Ion: 97 Resp: 8606

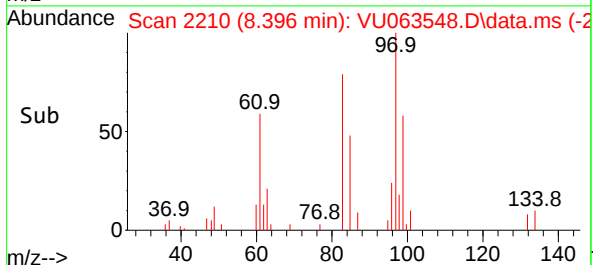
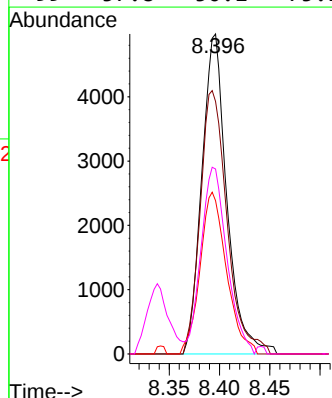
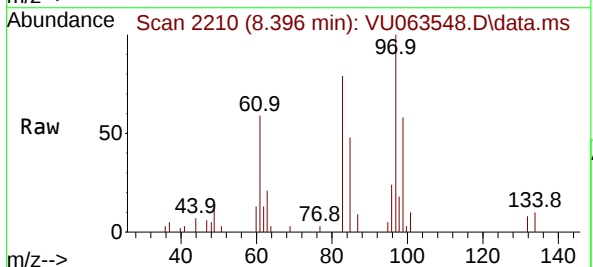
Ion Ratio Lower Upper

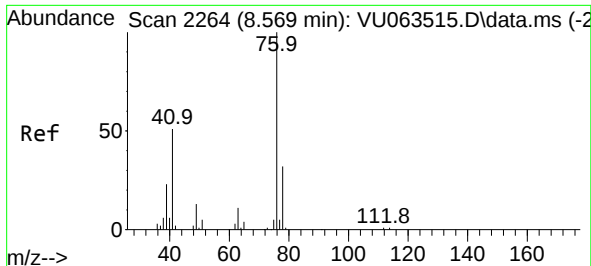
97 100

83 78.9 70.2 105.2

85 47.9 45.2 67.8

99 57.8 50.1 75.1





#53

1,3-Dichloropropane

Concen: 2.068 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

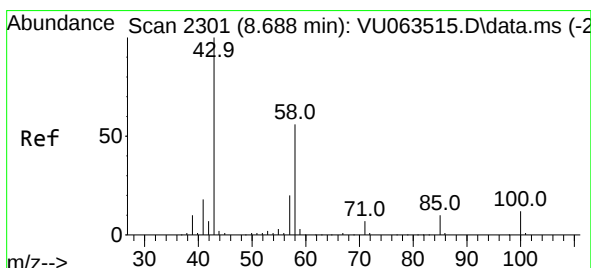
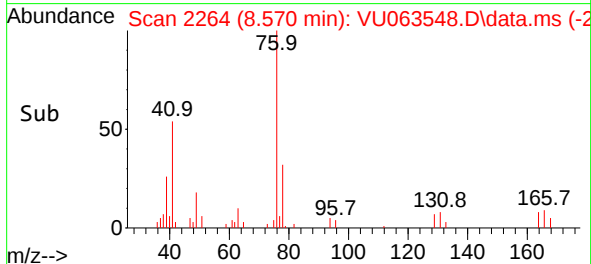
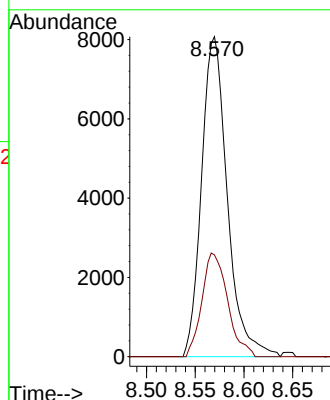
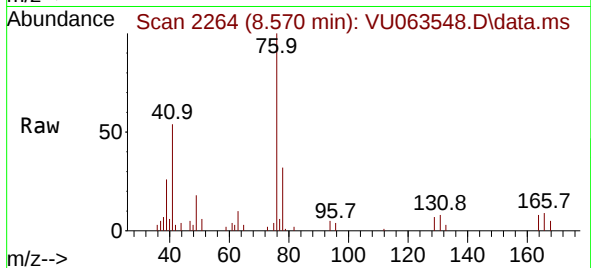
VU0721WBS01

Tgt Ion: 76 Resp: 14839

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#54

2-Hexanone

Concen: 12.254 ug/l

RT: 8.689 min Scan# 2301

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

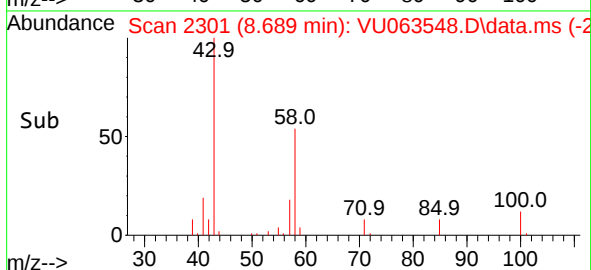
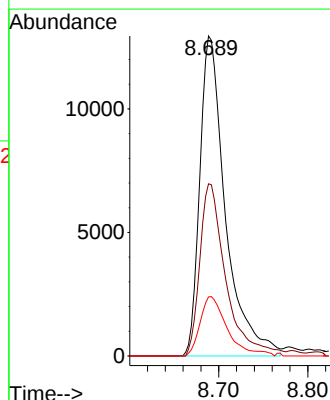
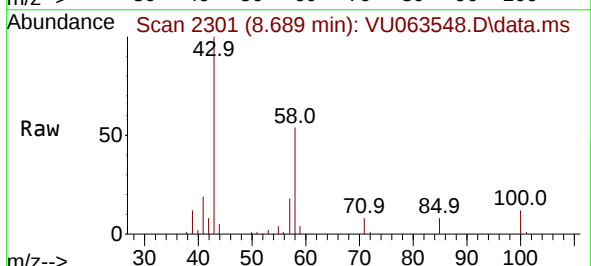
Tgt Ion: 43 Resp: 25898

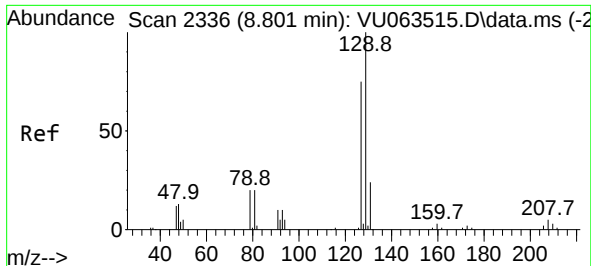
Ion Ratio Lower Upper

43 100

58 54.4 34.8 74.8

57 19.5 0.0 39.5

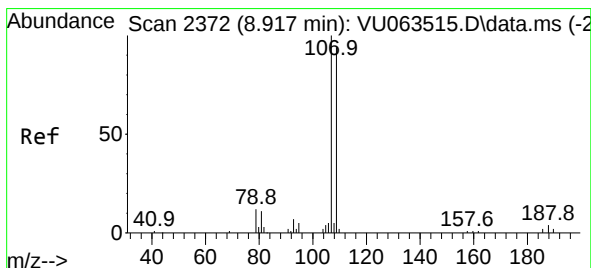
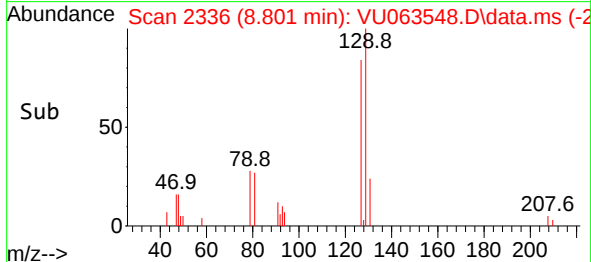
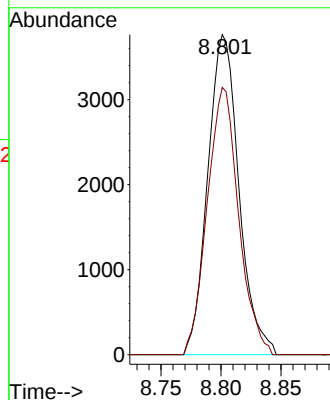
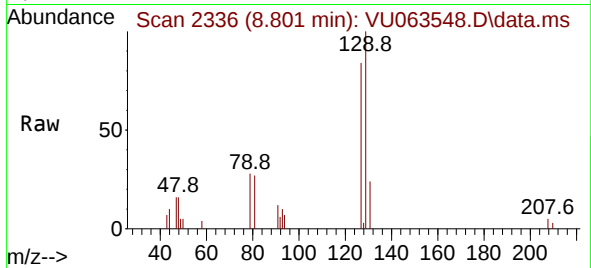




#55
Dibromochloromethane
Concen: 1.550 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

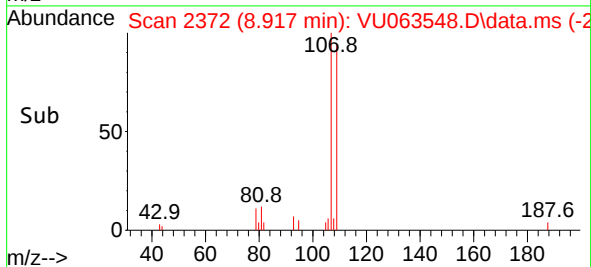
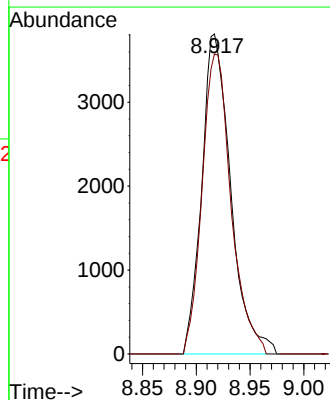
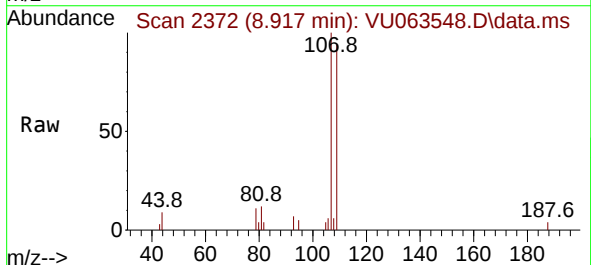
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

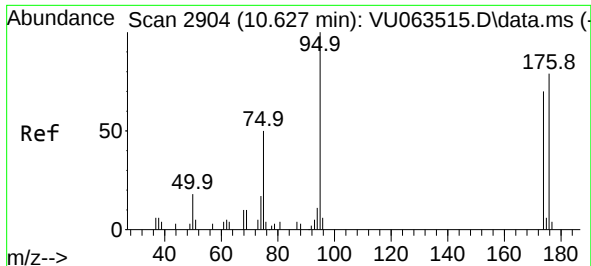
Tgt Ion:129 Resp: 6806
Ion Ratio Lower Upper
129 100
127 83.9 60.1 90.1



#56
1,2-Dibromoethane
Concen: 1.922 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion:107 Resp: 7149
Ion Ratio Lower Upper
107 100
109 93.8 0.0 186.4





#57

4-Bromofluorobenzene

Concen: 0.896 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

VU0721WBS01

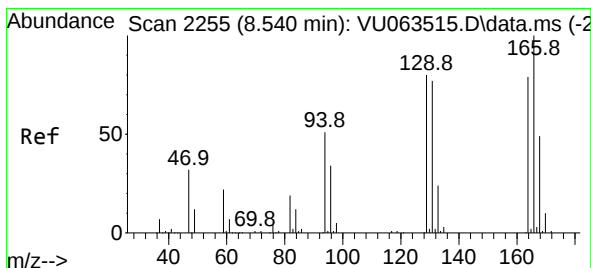
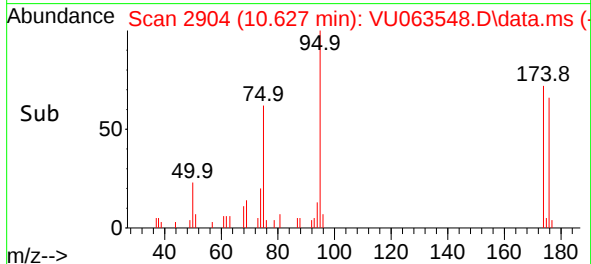
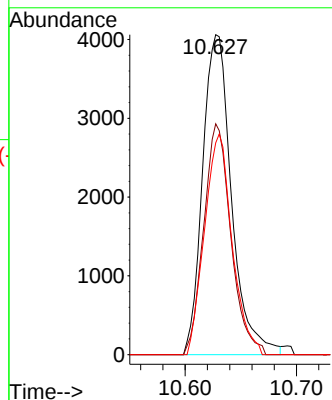
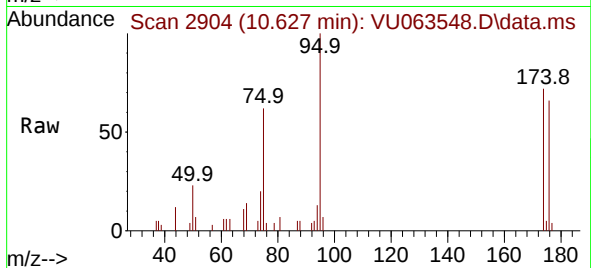
Tgt Ion: 95 Resp: 7333

Ion Ratio Lower Upper

95 100

174 67.7 59.8 89.8

176 65.5 61.8 92.8



#58

Tetrachloroethene

Concen: 1.747 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. 0.003 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Tgt Ion: 164 Resp: 10387

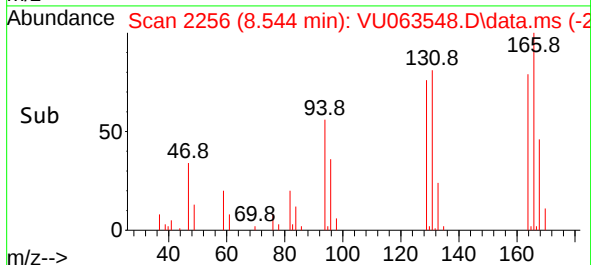
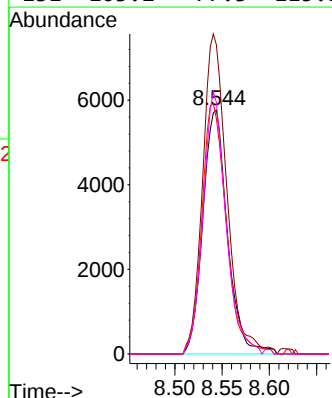
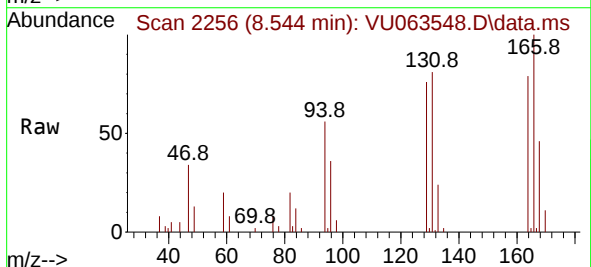
Ion Ratio Lower Upper

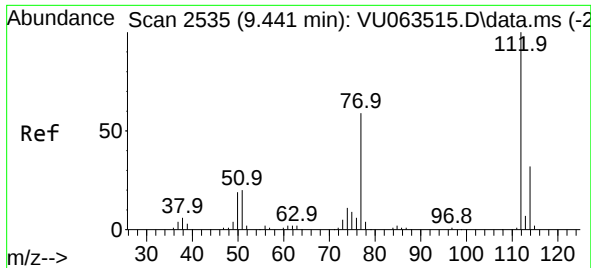
164 100

166 126.8 100.7 151.1

129 96.6 80.6 120.8

131 103.2 77.3 115.9





#59

Chlorobenzene

Concen: 1.835 ug/l

RT: 9.438 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

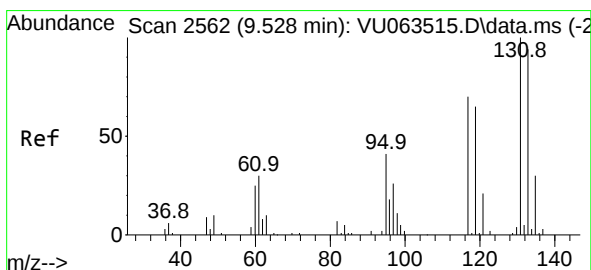
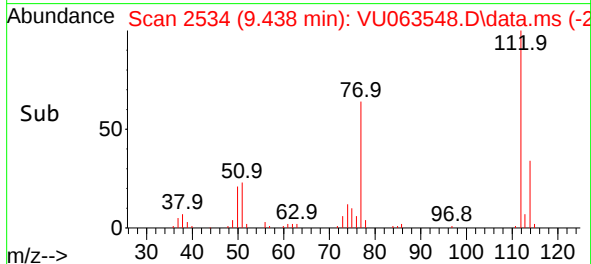
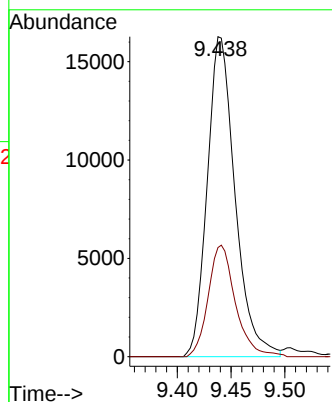
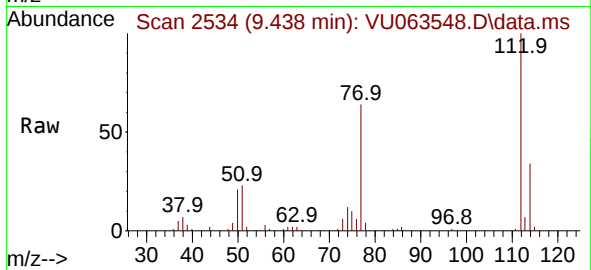
VU0721WBS01

Tgt Ion:112 Resp: 29293

Ion Ratio Lower Upper

112 100

114 34.1 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 1.726 ug/l

RT: 9.525 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

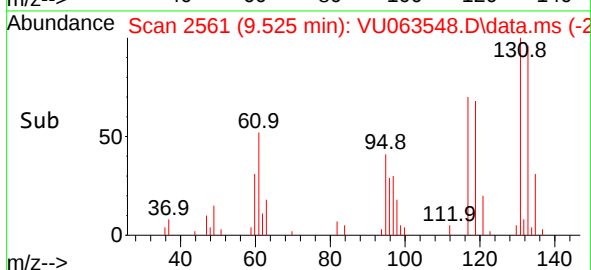
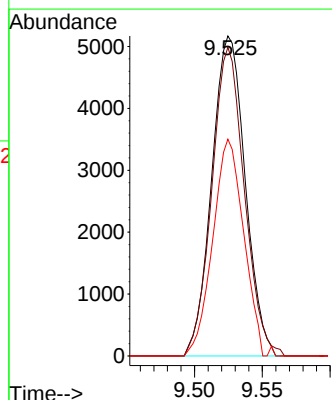
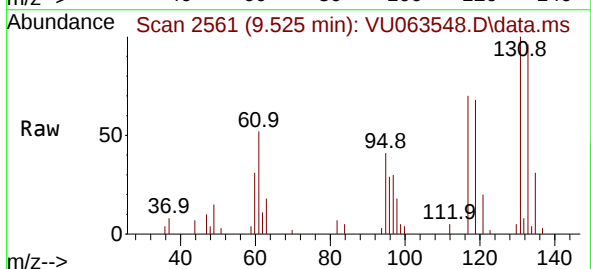
Tgt Ion:131 Resp: 8865

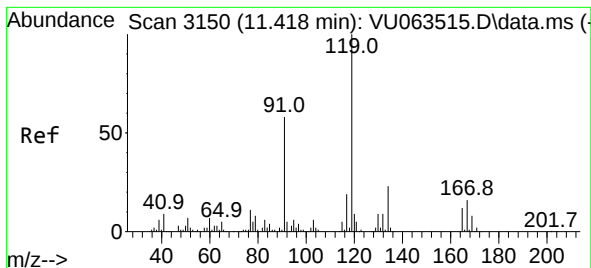
Ion Ratio Lower Upper

131 100

133 94.0 74.7 112.1

119 62.4 53.0 79.4





#61

Pentachloroethane

Concen: 1.732 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

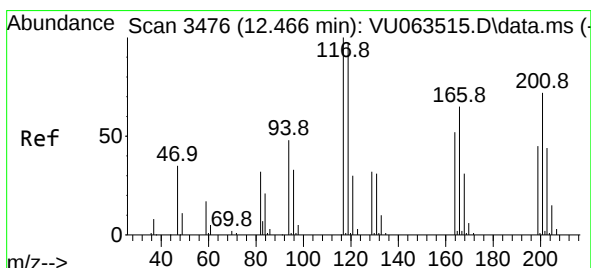
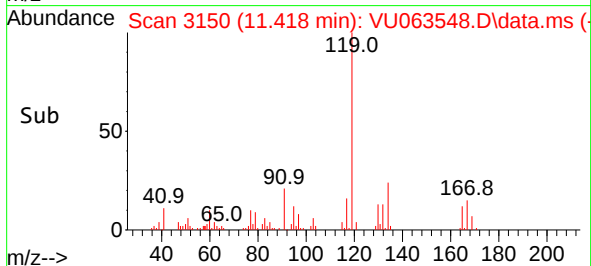
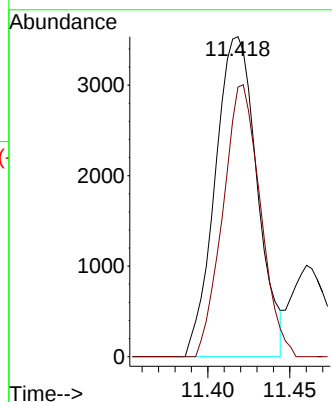
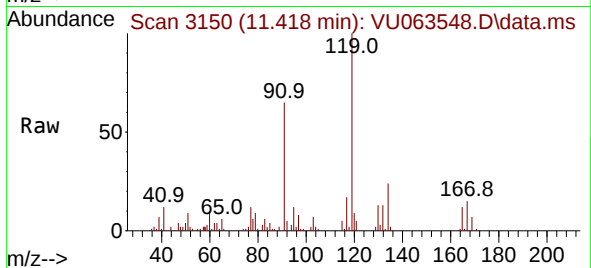
VU0721WBS01

Tgt Ion:117 Resp: 6284

Ion Ratio Lower Upper

117 100

167 75.7 65.0 97.6



#62

Hexachloroethane

Concen: 1.602 ug/l

RT: 12.467 min Scan# 3476

Delta R.T. 0.000 min

Lab File: VU063548.D

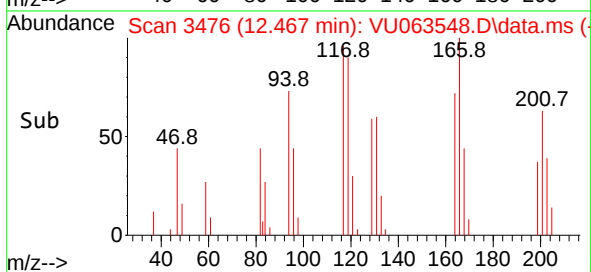
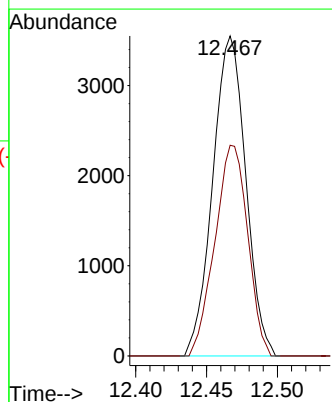
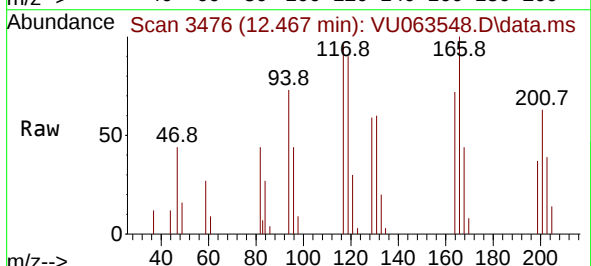
Acq: 21 Jul 2025 12:52

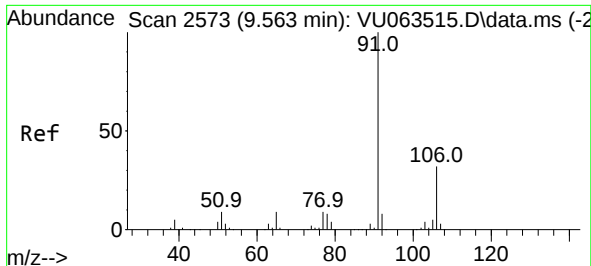
Tgt Ion:117 Resp: 5757

Ion Ratio Lower Upper

117 100

201 65.3 57.4 86.0

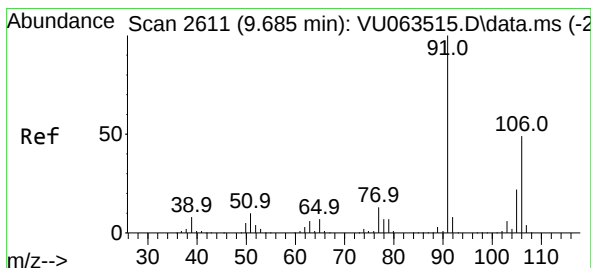
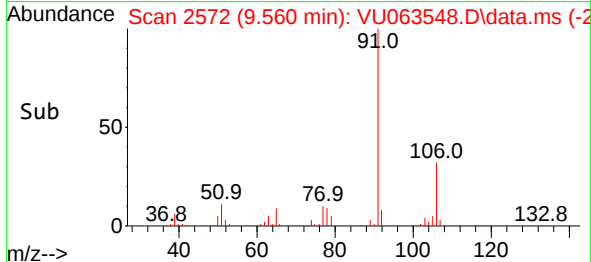
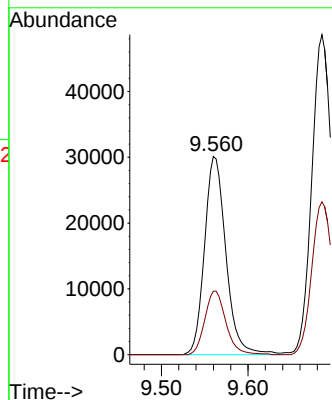
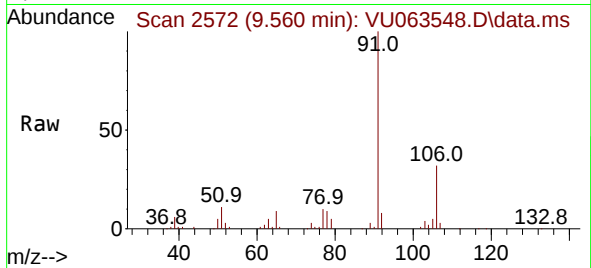




#63
Ethyl Benzene
Concen: 1.880 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

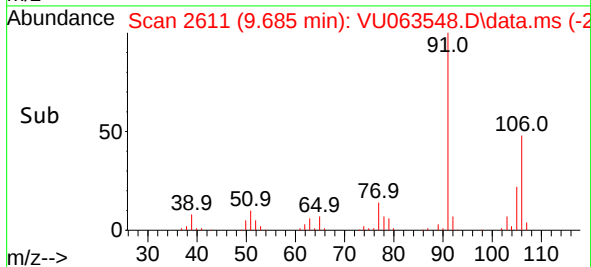
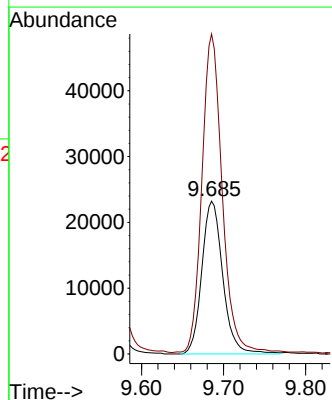
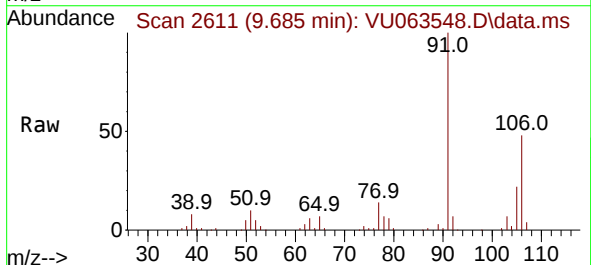
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

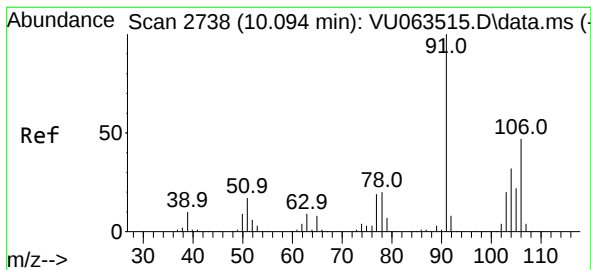
Tgt Ion: 91 Resp: 51665
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.0



#64
m/p-Xylenes
Concen: 3.867 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion:106 Resp: 41297
Ion Ratio Lower Upper
106 100
91 202.0 163.6 245.4





#65

o-Xylene

Concen: 1.933 ug/l

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

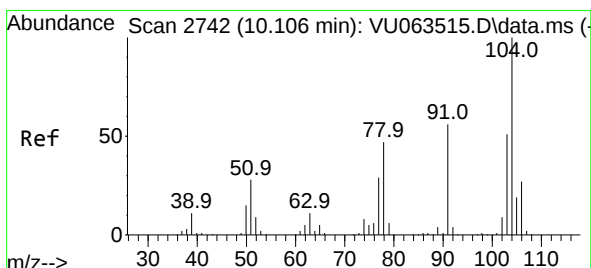
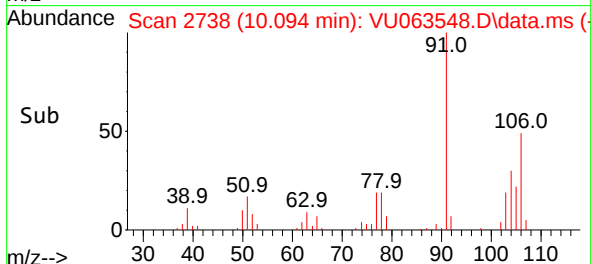
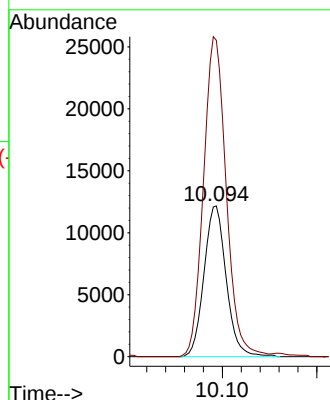
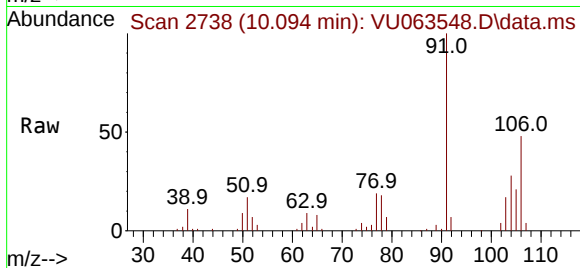
VU0721WBS01

Tgt Ion:106 Resp: 19835

Ion Ratio Lower Upper

106 100

91 217.3 108.1 324.4



#66

Styrene

Concen: 1.902 ug/l

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

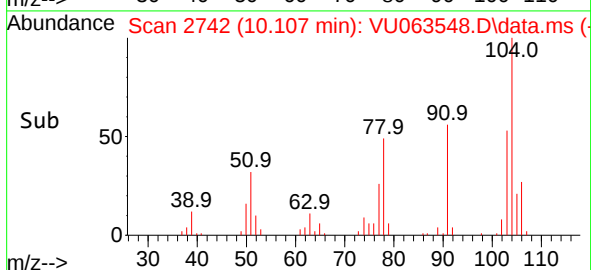
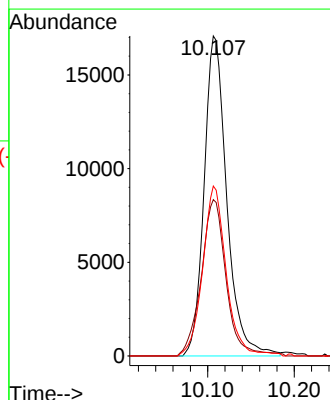
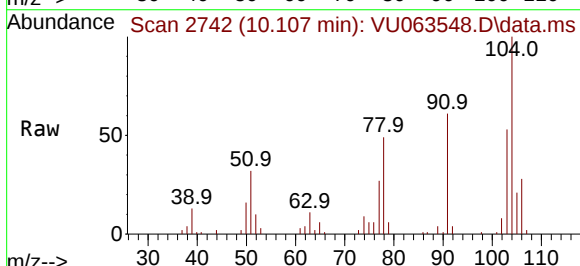
Tgt Ion:104 Resp: 31113

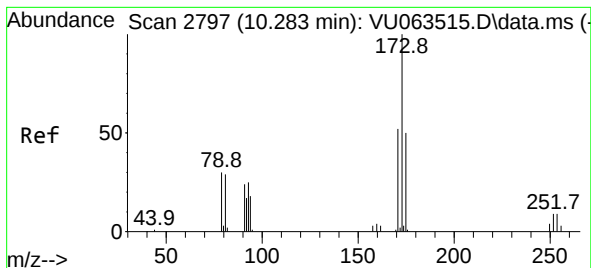
Ion Ratio Lower Upper

104 100

78 53.6 41.3 61.9

103 54.9 43.6 65.4





#67

Bromoform

Concen: 1.481 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

VU0721WBS01

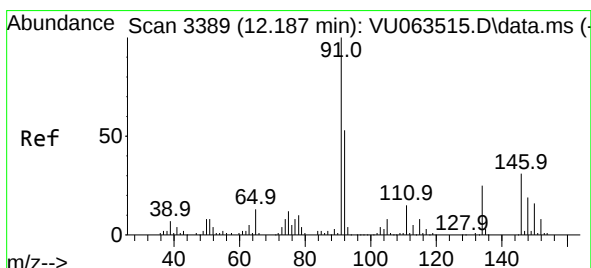
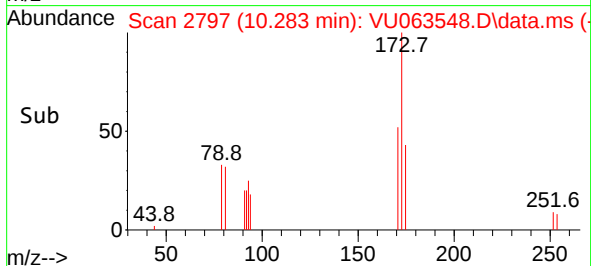
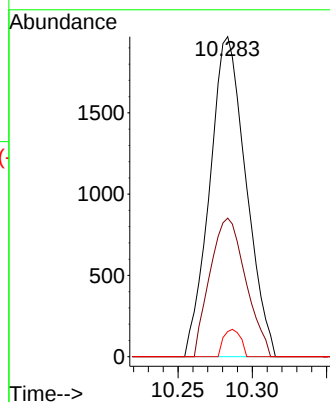
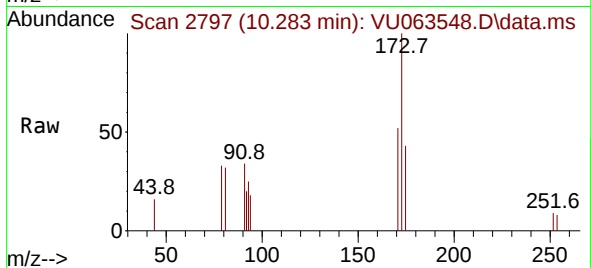
Tgt Ion:173 Resp: 3341

Ion Ratio Lower Upper

173 100

175 42.7 39.0 58.4

254 4.0 6.5 9.7#



#68

1,2-Dichlorobenzene-d4

Concen: 0.918 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

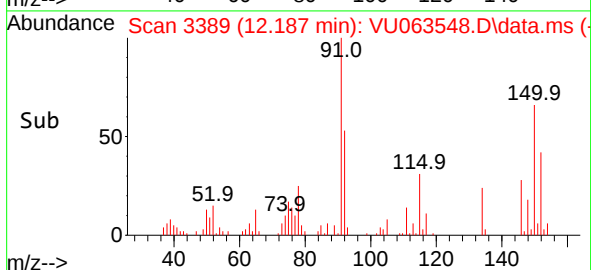
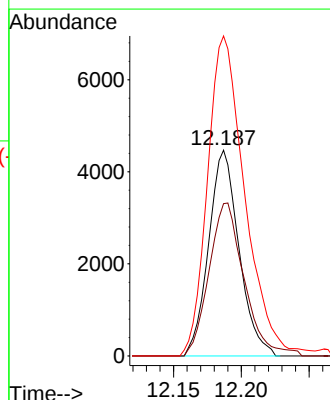
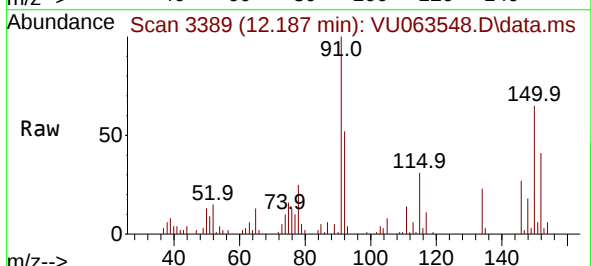
Tgt Ion:152 Resp: 6945

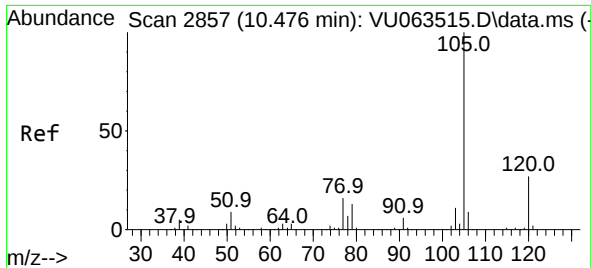
Ion Ratio Lower Upper

152 100

115 85.9 0.0 262.2

150 191.7 0.0 651.2

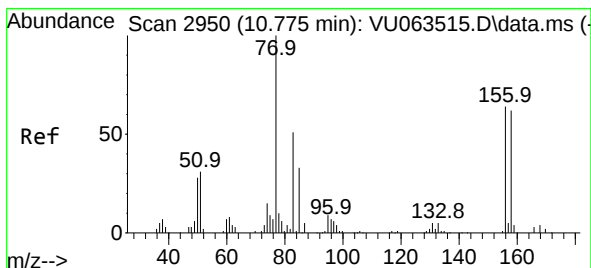
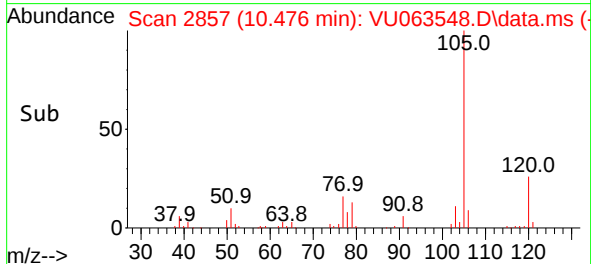
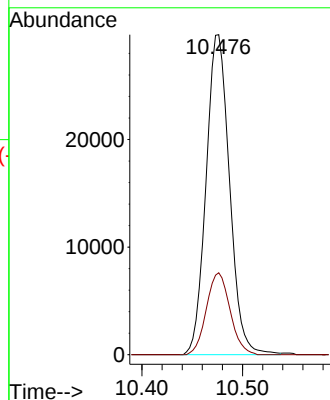
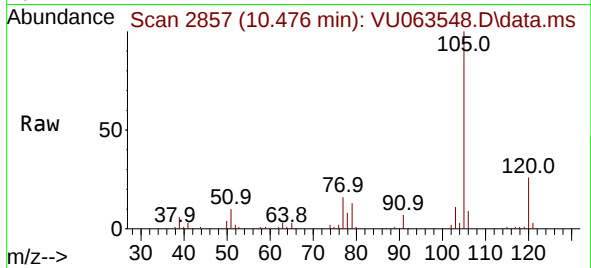




#69
Isopropylbenzene
Concen: 1.942 ug/l
RT: 10.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

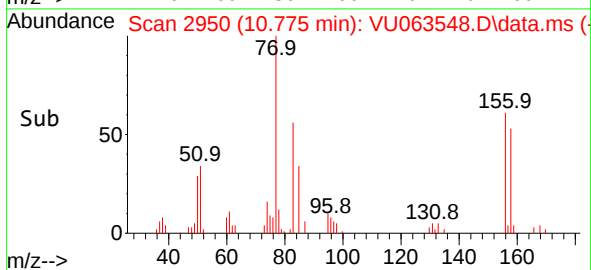
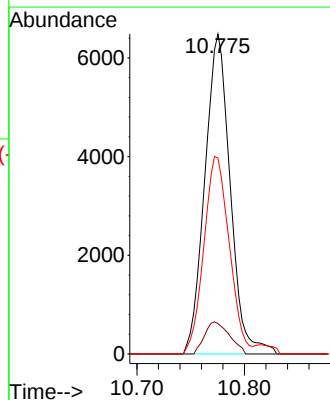
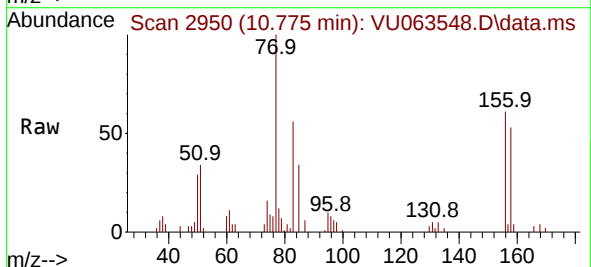
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

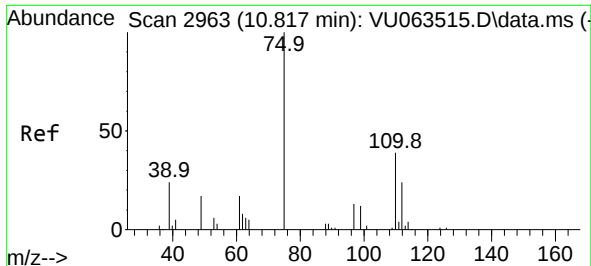
Tgt Ion:105 Resp: 48185
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5



#70
1,1,2,2-Tetrachloroethane
Concen: 2.104 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion: 83 Resp: 10643
Ion Ratio Lower Upper
83 100
131 9.8 8.4 12.6
85 61.9 51.9 77.9

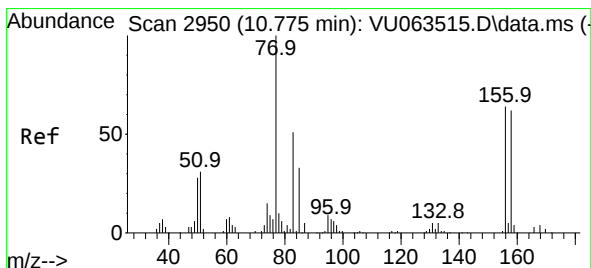
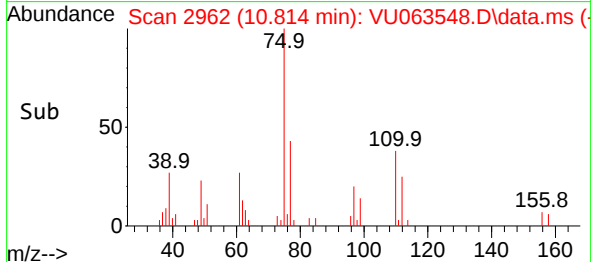
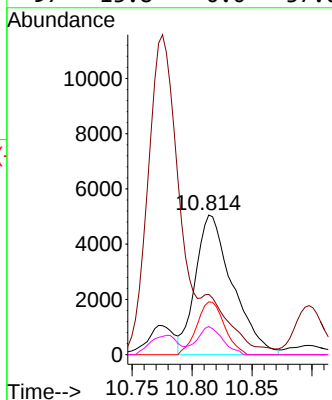
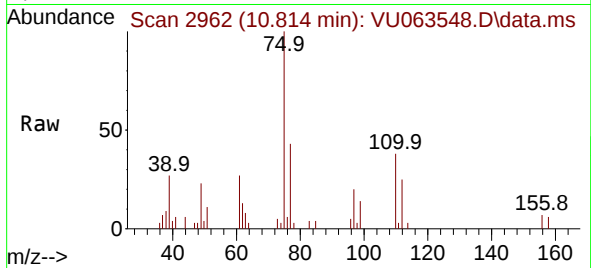




#71
1,2,3-Trichloropropane
Concen: 2.638 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

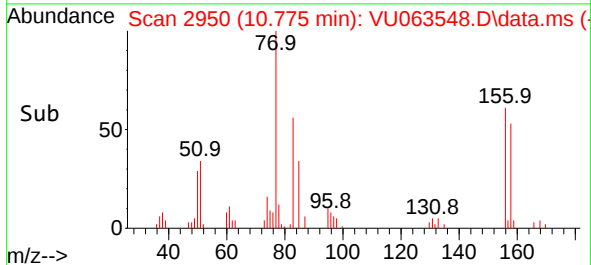
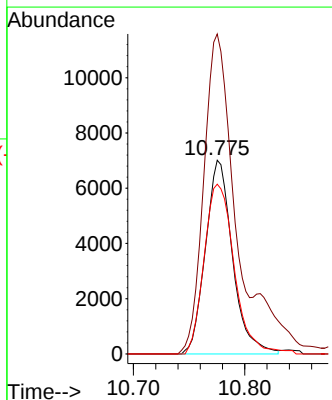
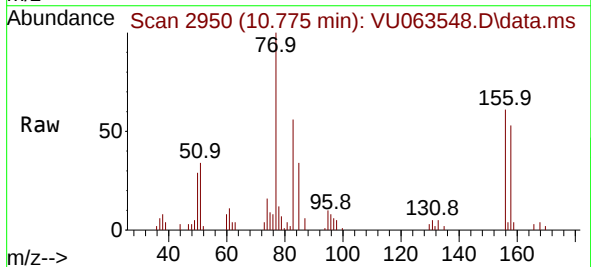
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

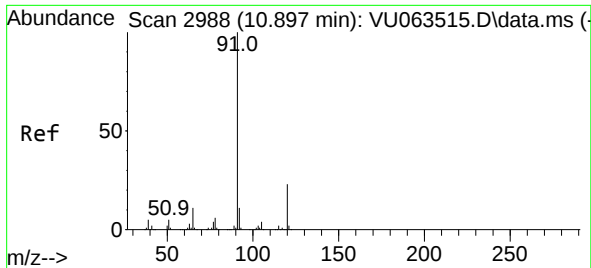
Tgt Ion:	75	Resp:	10835
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	28.3	0.0	73.2
97	13.8	0.0	37.6



#72
Bromobenzene
Concen: 1.850 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion:	156	Resp:	11845
Ion	Ratio	Lower	Upper
156	100		
77	175.8	0.0	315.2
158	97.7	0.0	195.4

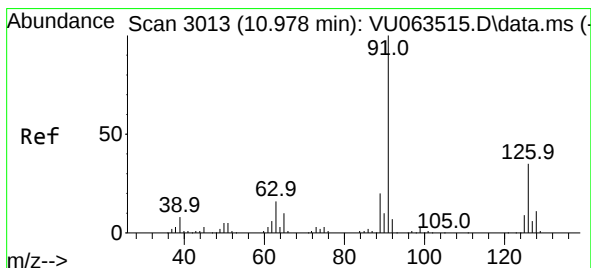
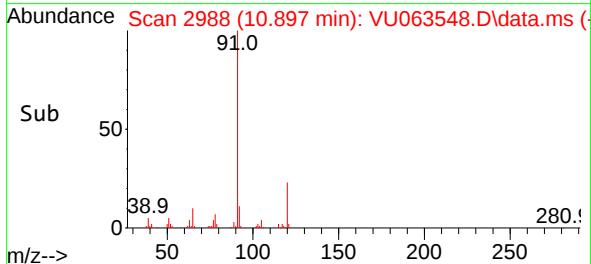
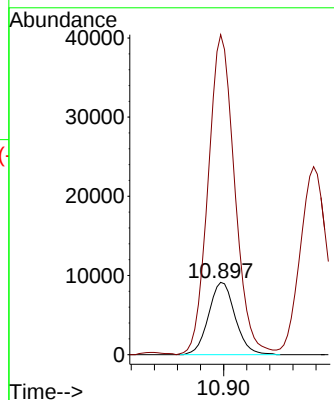
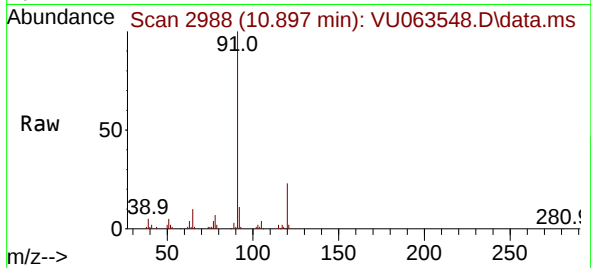




#73
n-propylbenzene
Concen: 1.949 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

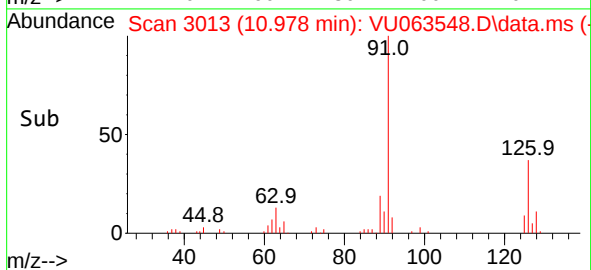
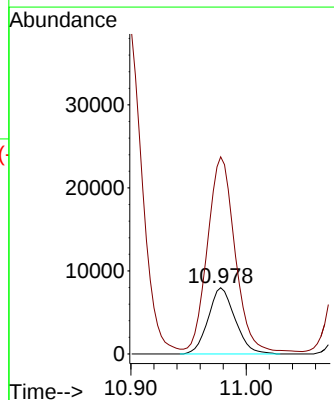
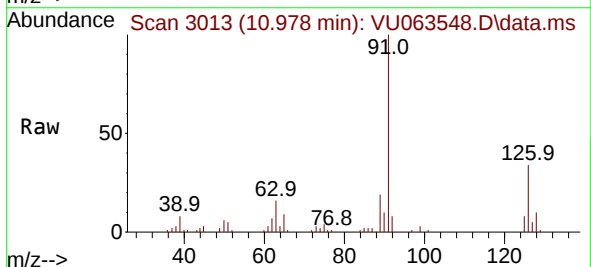
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

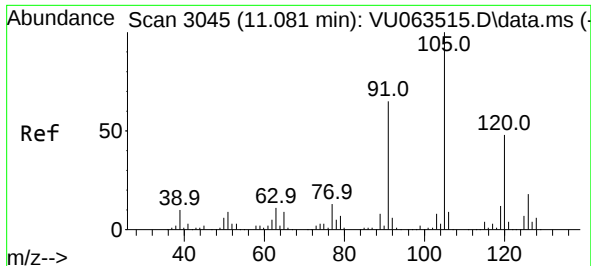
Tgt Ion:120 Resp: 14553
Ion Ratio Lower Upper
120 100
91 443.6 343.1 514.7



#74
2-Chlorotoluene
Concen: 1.946 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion:126 Resp: 12846
Ion Ratio Lower Upper
126 100
91 309.3 0.0 606.0

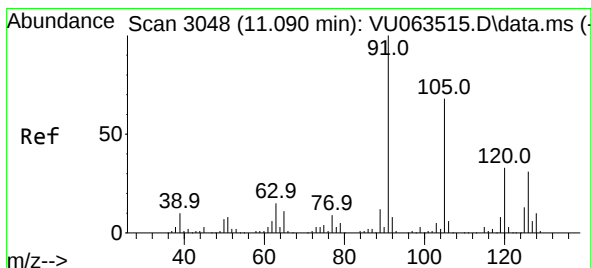
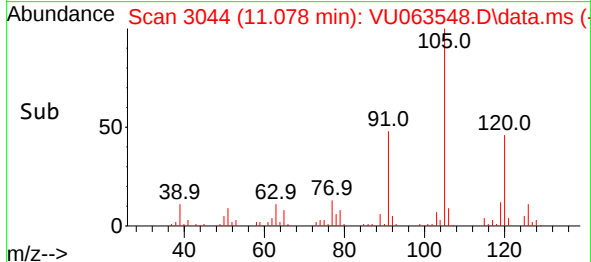
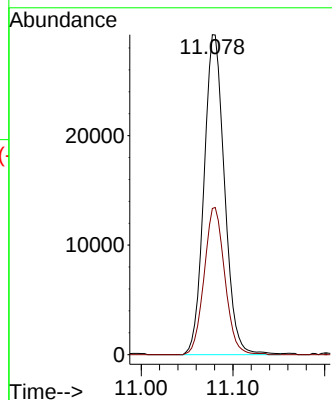
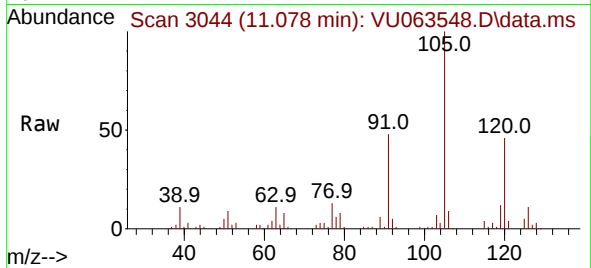




#75
1,3,5-Trimethylbenzene
Concen: 1.916 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

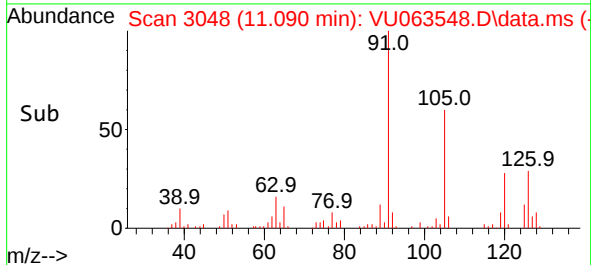
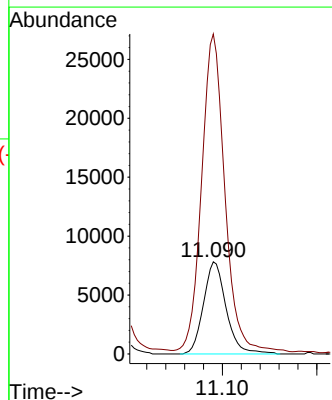
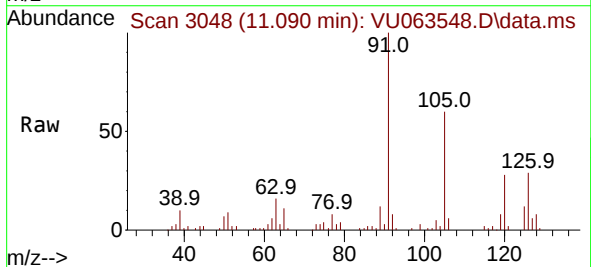
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

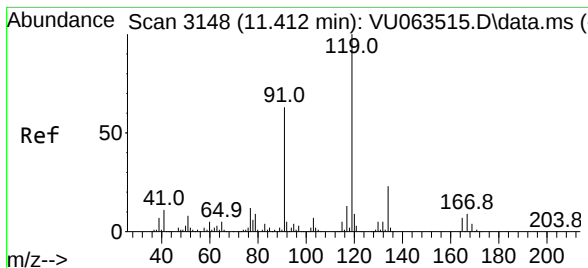
Tgt Ion:105 Resp: 45405
Ion Ratio Lower Upper
105 100
120 46.4 37.8 56.8



#76
4-Chlorotoluene
Concen: 1.943 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion:126 Resp: 13024
Ion Ratio Lower Upper
126 100
91 354.3 0.0 682.2





#77

tert-Butylbenzene

Concen: 1.877 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

VU0721WBS01

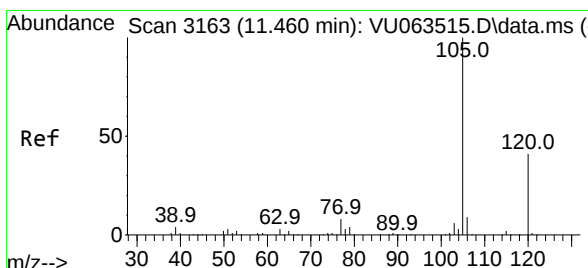
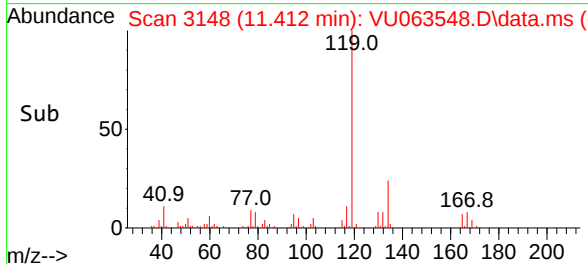
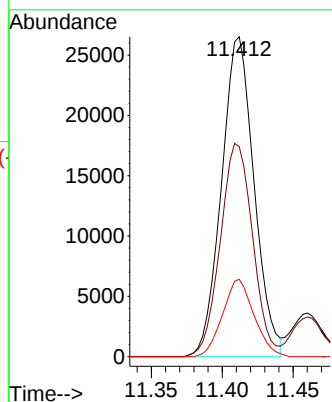
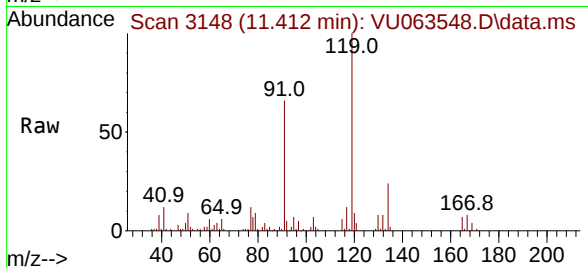
Tgt Ion:119 Resp: 42523

Ion Ratio Lower Upper

119 100

91 66.3 30.7 92.1

134 23.3 18.5 27.7



#78

1,2,4-Trimethylbenzene

Concen: 1.932 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU063548.D

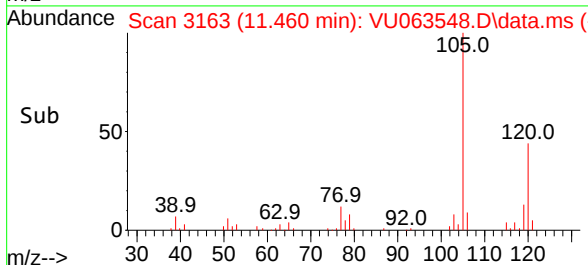
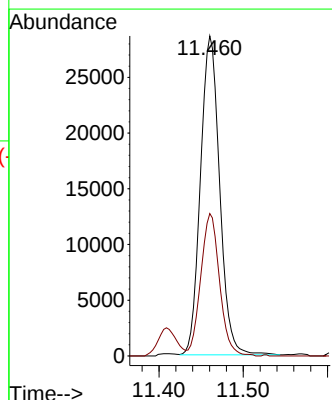
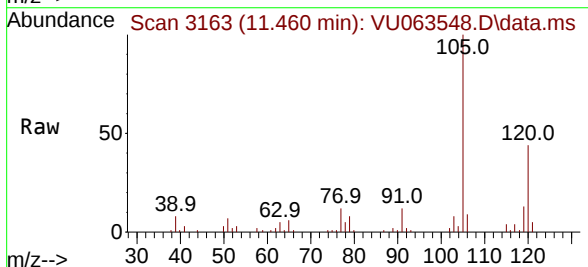
Acq: 21 Jul 2025 12:52

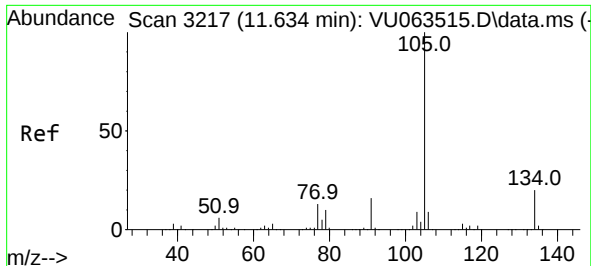
Tgt Ion:105 Resp: 45437

Ion Ratio Lower Upper

105 100

120 43.9 22.7 68.0

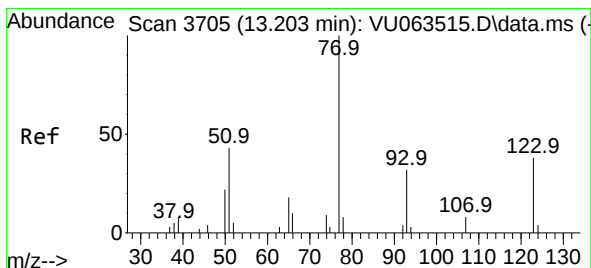
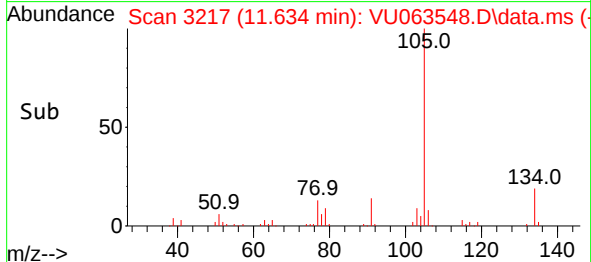
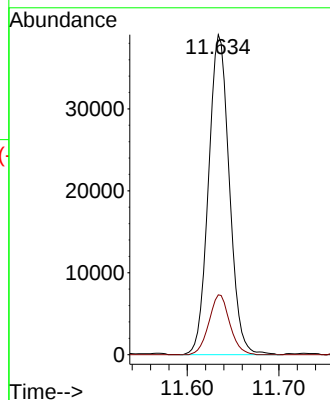
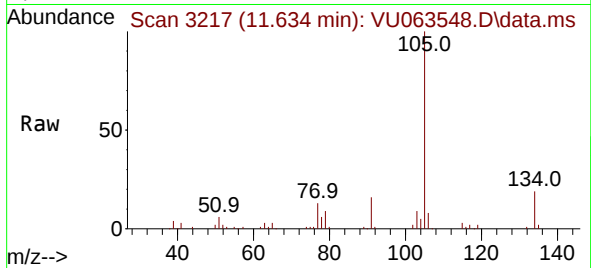




#79
 sec-Butylbenzene
 Concen: 2.015 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063548.D
 Acq: 21 Jul 2025 12:52

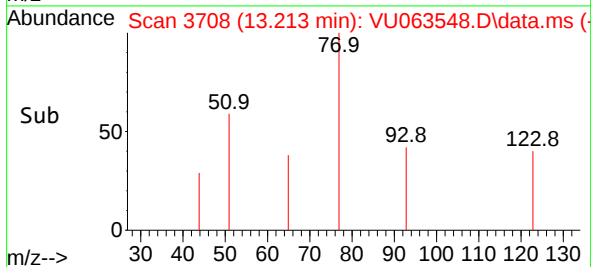
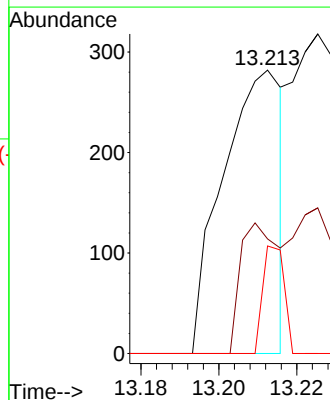
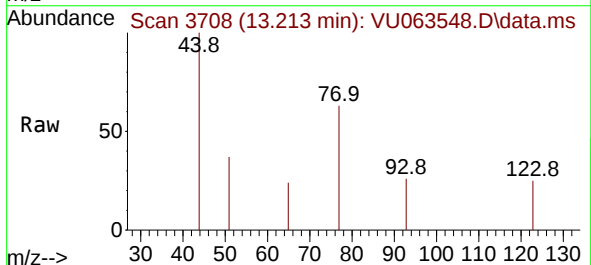
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0721WBS01

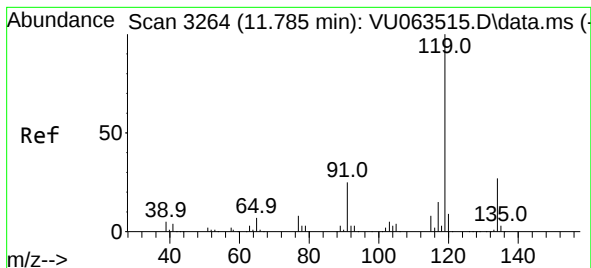
Tgt Ion:105 Resp: 61563
 Ion Ratio Lower Upper
 105 100
 134 18.7 16.2 24.4



#80
 Nitrobenzene
 Concen: 4.730 ug/l
 RT: 13.213 min Scan# 3708
 Delta R.T. 0.010 min
 Lab File: VU063548.D
 Acq: 21 Jul 2025 12:52

Tgt Ion: 77 Resp: 297
 Ion Ratio Lower Upper
 77 100
 123 30.0 16.9 59.7
 65 13.8 16.5 20.9#

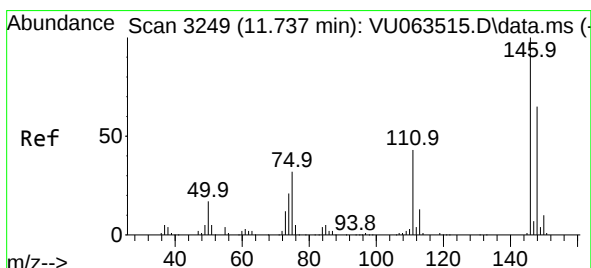
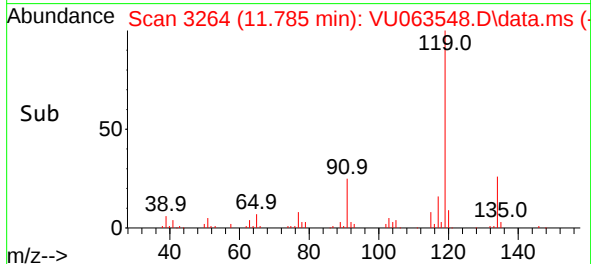
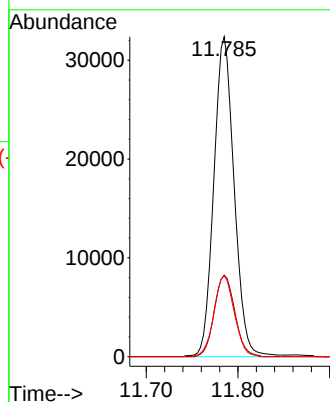
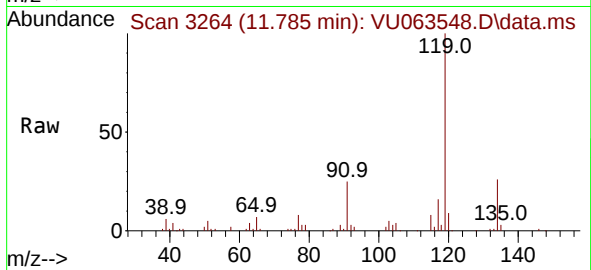




#81
 p-Isopropyltoluene
 Concen: 1.953 ug/l
 RT: 11.785 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063548.D
 Acq: 21 Jul 2025 12:52

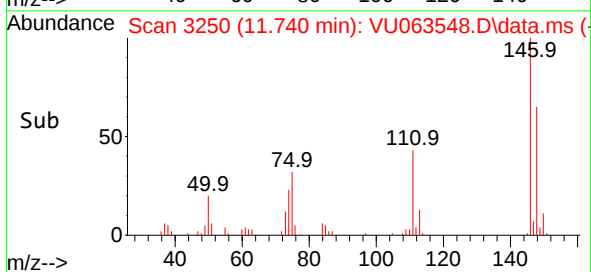
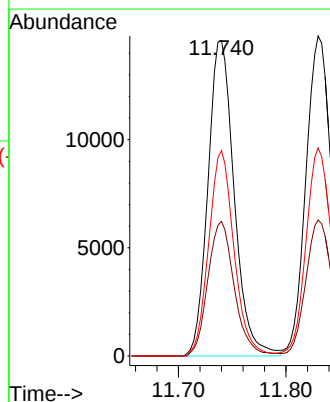
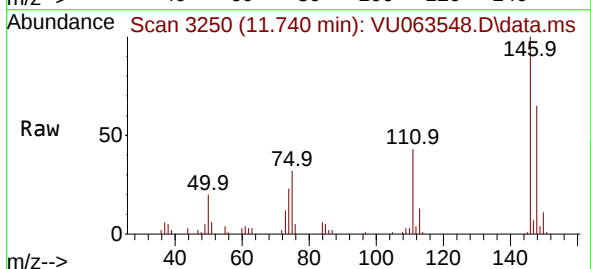
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0721WBS01

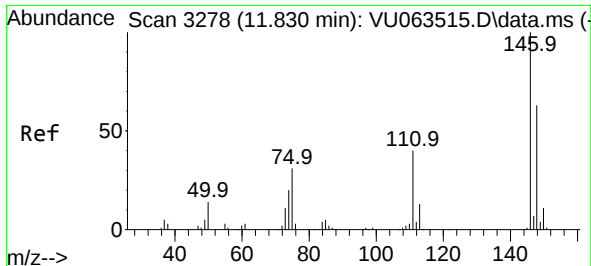
Tgt Ion:119 Resp: 49802
 Ion Ratio Lower Upper
 119 100
 134 26.0 21.1 31.7
 91 25.2 19.8 29.8



#82
 1,3-Dichlorobenzene
 Concen: 1.930 ug/l
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.003 min
 Lab File: VU063548.D
 Acq: 21 Jul 2025 12:52

Tgt Ion:146 Resp: 24722
 Ion Ratio Lower Upper
 146 100
 111 43.1 33.8 50.6
 148 62.9 51.5 77.3

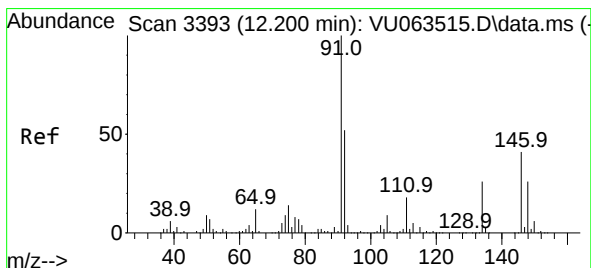
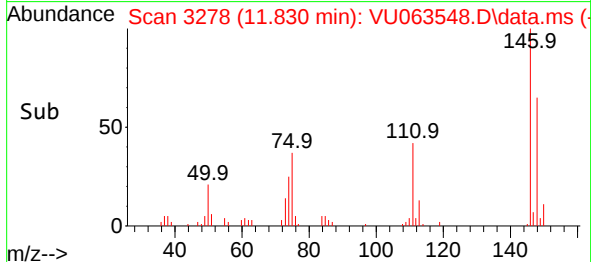
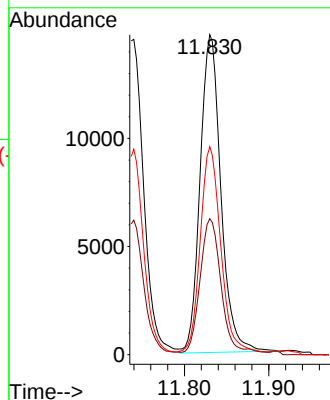
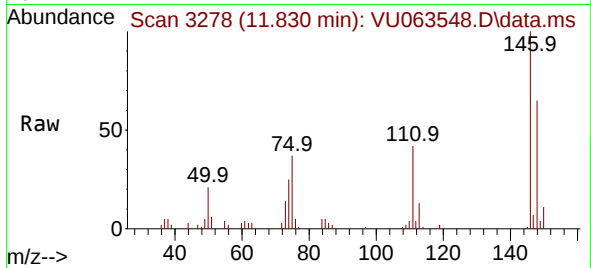




#83
1,4-Dichlorobenzene
Concen: 1.966 ug/l
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

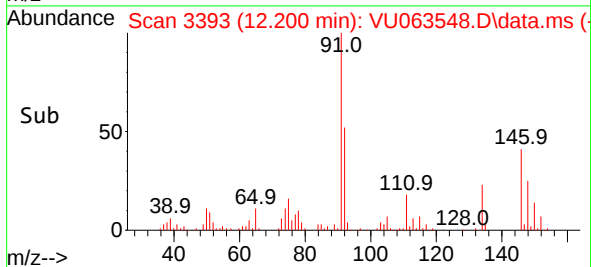
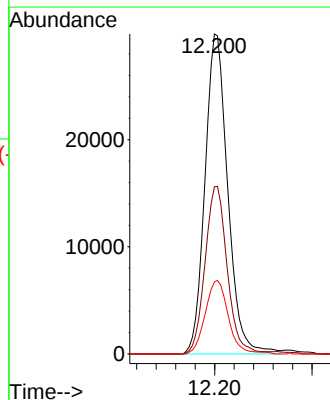
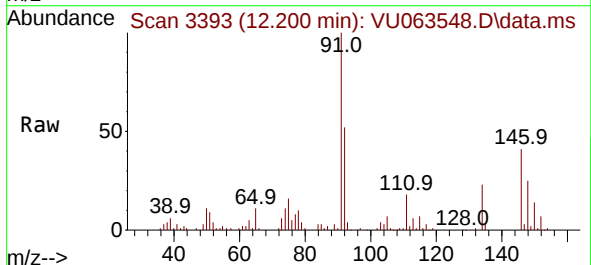
Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

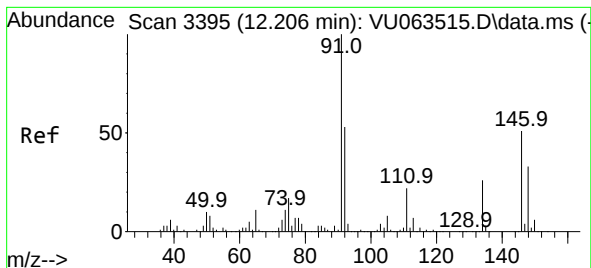
Tgt Ion:146 Resp: 25206
Ion Ratio Lower Upper
146 100
111 42.3 32.0 48.0
148 63.8 50.2 75.2



#84
n-Butylbenzene
Concen: 2.050 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063548.D
Acq: 21 Jul 2025 12:52

Tgt Ion: 91 Resp: 48474
Ion Ratio Lower Upper
91 100
92 51.0 41.5 62.3
134 23.3 20.6 30.8





#85

1,2-Dichlorobenzene

Concen: 1.956 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

VU0721WBS01

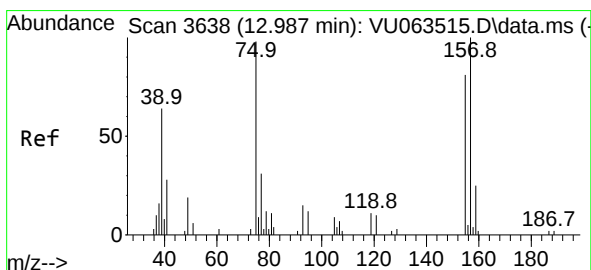
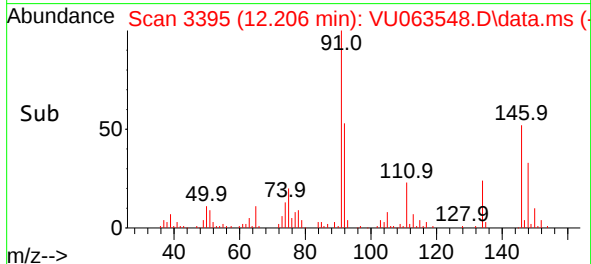
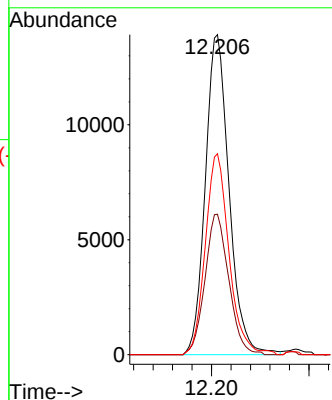
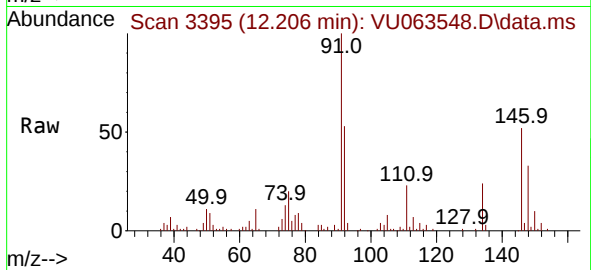
Tgt Ion:146 Resp: 23543

Ion Ratio Lower Upper

146 100

111 44.0 21.7 65.1

148 62.7 31.8 95.3



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.896 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. 0.004 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

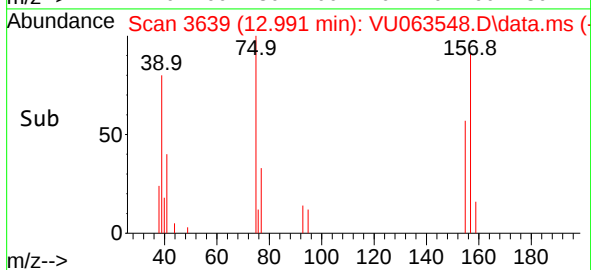
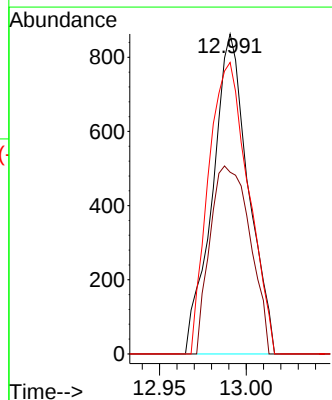
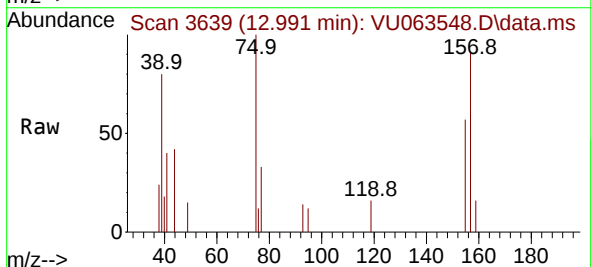
Tgt Ion: 75 Resp: 1243

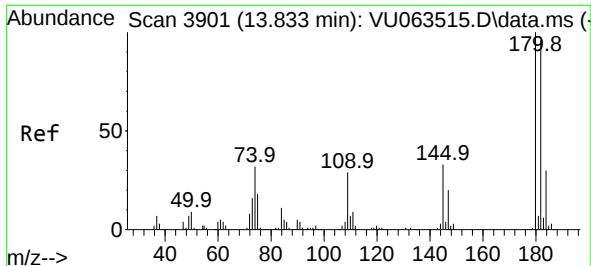
Ion Ratio Lower Upper

75 100

155 65.5 65.8 98.6#

157 101.3 81.4 122.2

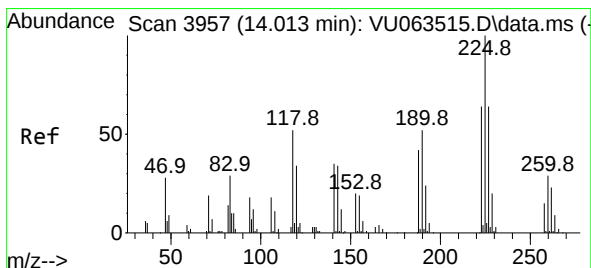
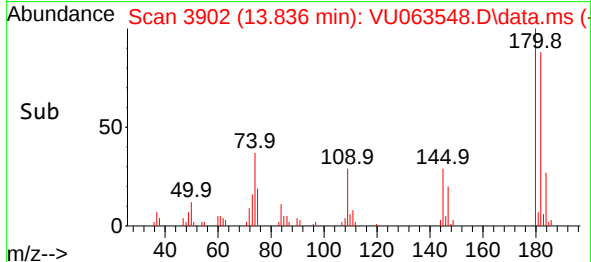
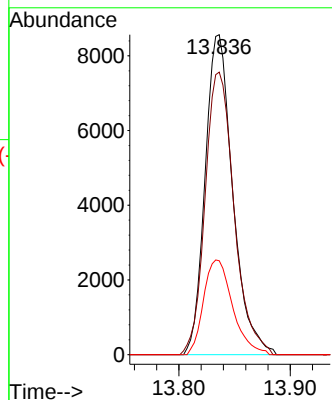
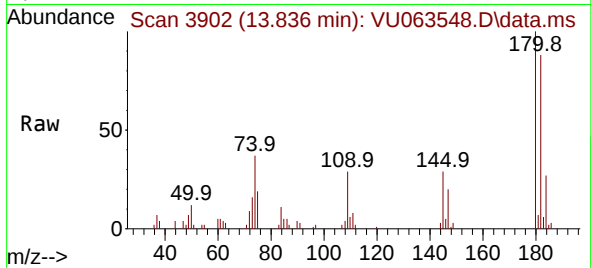




#87
 1,2,4-Trichlorobenzene
 Concen: 1.976 ug/l
 RT: 13.836 min Scan# 3901
 Delta R.T. 0.003 min
 Lab File: VU063548.D
 Acq: 21 Jul 2025 12:52

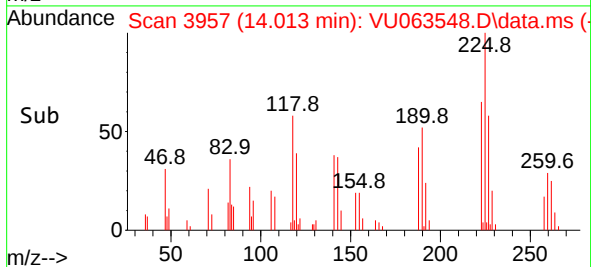
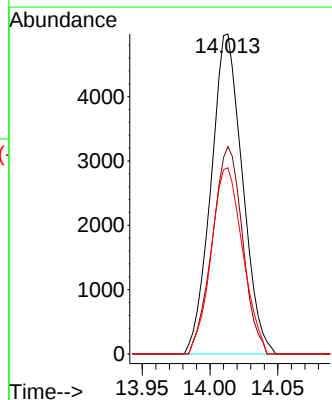
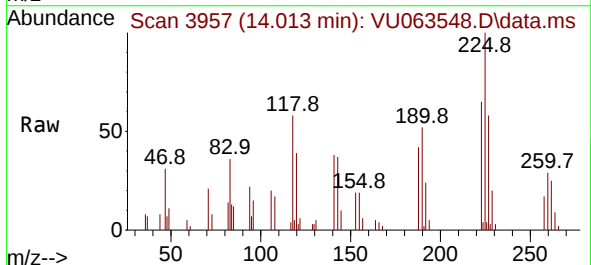
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0721WBS01

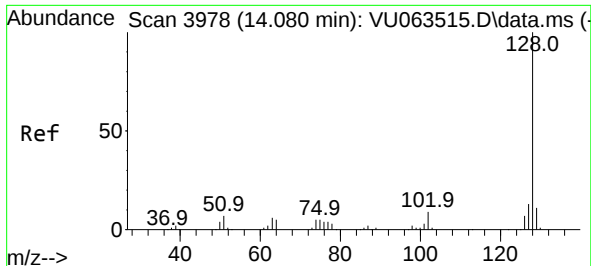
Tgt Ion:180 Resp: 14786
 Ion Ratio Lower Upper
 180 100
 182 92.5 76.2 114.4
 145 31.1 26.2 39.2



#88
 Hexachlorobutadiene
 Concen: 1.886 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. 0.000 min
 Lab File: VU063548.D
 Acq: 21 Jul 2025 12:52

Tgt Ion:225 Resp: 8015
 Ion Ratio Lower Upper
 225 100
 223 62.2 50.8 76.2
 227 58.3 51.0 76.6





#89

Naphthalene

Concen: 2.035 ug/l

RT: 14.084 min Scan# 3978

Delta R.T. 0.004 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Instrument :

MSVOA_U

ClientSampleId :

VU0721WBS01

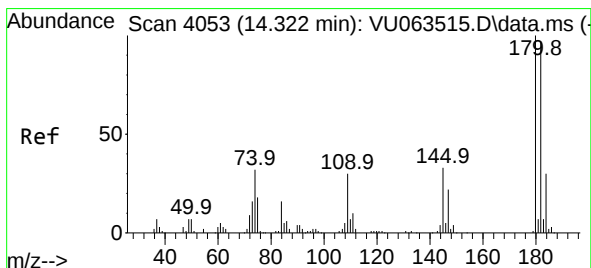
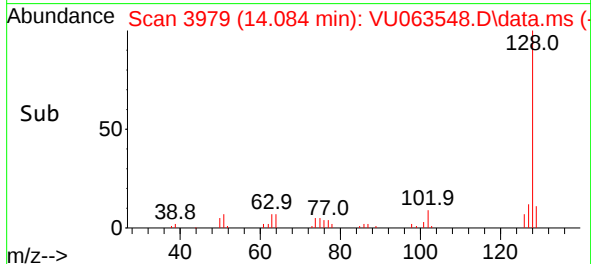
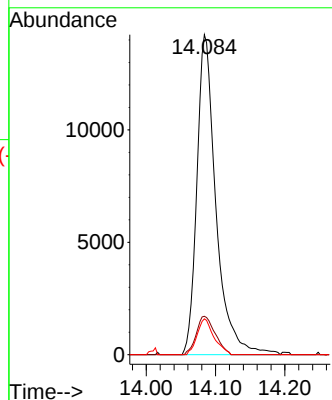
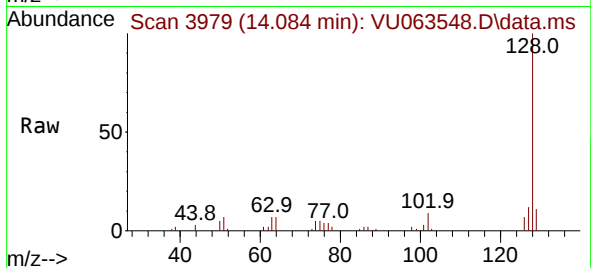
Tgt Ion:128 Resp: 27297

Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.4

129 9.9 8.8 13.2



#90

1,2,3-Trichlorobenzene

Concen: 1.977 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063548.D

Acq: 21 Jul 2025 12:52

Tgt Ion:180 Resp: 13673

Ion Ratio Lower Upper

180 100

182 94.8 78.0 117.0

145 34.3 27.3 40.9

