

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063536.D
 Acq On : 18 Jul 2025 13:28
 Operator : MD/SY
 Sample : VU0718WBSD02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0718WBSD02

Quant Time: Jul 18 23:49:57 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	19268	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	7614	1.044	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	7156	1.061	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	11707	2.061	ug/l	100
3) Chloromethane	1.519	50	11875	2.249	ug/l	96
4) Vinyl Chloride	1.599	62	14950	2.223	ug/l	100
5) Bromomethane	1.846	94	12074	2.380	ug/l	99
6) Chloroethane	1.924	64	8977	2.210	ug/l	96
7) Trichlorofluoromethane	2.129	101	21922	2.270	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	11989	2.376	ug/l	96
9) 1,1-Dichloroethene	2.570	96	11242	2.247	ug/l	96
10) Iodomethane	2.708	142	8739	1.977	ug/l	98
11) Allyl Chloride	2.911	41	15550	2.152	ug/l	96
12) Acrylonitrile	3.306	53	5556	4.441	ug/l	92
13) Acetone	2.618	43	20902	20.852	ug/l	99
14) Carbon Disulfide	2.779	76	28738	1.779	ug/l	98
15) Methylene Chloride	3.030	84	13971	2.372	ug/l	97
16) trans-1,2-Dichloroethene	3.335	96	12876	2.266	ug/l	98
17) 1,1-Dichloroethane	3.850	63	24279	2.306	ug/l	99
18) 2-Butanone	4.715	43	23888	15.388	ug/l	99
19) Cyclohexane	5.361	56	18940	2.124	ug/l	96
20) Methylcyclohexane	6.743	83	17035	1.966	ug/l	98
21) 2,2-Dichloropropane	4.644	77	19328	2.156	ug/l	100
22) cis-1,2-Dichloroethene	4.647	96	14276	2.316	ug/l	98
23) Diethyl Ether	2.371	59	8887	2.331	ug/l	97
24) tert-Butyl Alcohol	3.194	59	10709	23.273	ug/l #	88
25) Methyl tert-Butyl Ether	3.361	73	29677	2.272	ug/l #	91
26) Bromochloromethane	4.952	128	5952	2.312	ug/l	95
27) Chloroform	5.071	83	24451	2.276	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	20196	2.215	ug/l	98
29) 1,1-Dichloropropene	5.502	75	18978	2.246	ug/l	95
30) Carbon Tetrachloride	5.502	117	14643	1.995	ug/l	99
31) Isopropyl Ether	3.991	45	36969	2.326	ug/l	99
32) Ethyl-t-butyl ether	4.502	59	34594	2.352	ug/l	99
33) Tert-Amyl methyl ether	5.943	73	28665	2.245	ug/l	99
34) Propionitrile	4.772	54	5603	11.846	ug/l #	94
35) Benzene	5.756	78	53680	2.365	ug/l	98
36) 1,2-Dichloroethane	5.779	62	16842	2.388	ug/l	100
37) Trichloroethene	6.528	130	10679	1.844	ug/l	100
38) 1,2-Dichloropropane	6.782	63	10940	2.059	ug/l	99
39) Methacrylonitrile	4.975	41	4241	2.017	ug/l	92
40) Methyl acrylate	4.846	55	6486	2.110	ug/l #	91
41) Tetrahydrofuran	5.059	42	5189	4.692	ug/l #	77
42) 1-Chlorobutane	5.438	56	25284	2.251	ug/l	95
43) Dibromomethane	6.907	93	5560	2.020	ug/l	95
44) Bromodichloromethane	7.097	83	10964	1.767	ug/l	96

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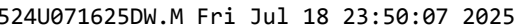
Instrument :
 MSVOA_U
 ClientSampleId :
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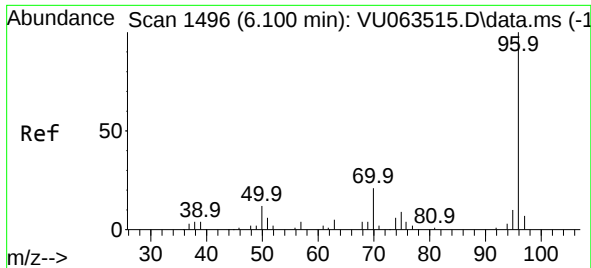
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	30755	10.843	ug/l	97
46) t-1,4-Dichloro-2-butene	10.814	75	9787	9.192	ug/l #	58
47) Methyl methacrylate	6.968	69	8511	3.682	ug/l	91
48) Ethyl methacrylate	8.335	69	9034	2.048	ug/l	96
49) Toluene	7.959	92	25956	2.094	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	8216	1.687	ug/l	93
51) cis-1,3-Dichloropropene	7.602	75	10634	1.627	ug/l	95
52) 1,1,2-Trichloroethane	8.393	97	8048	2.172	ug/l	96
53) 1,3-Dichloropropane	8.570	76	13796	2.157	ug/l	97
54) 2-Hexanone	8.692	43	24615	13.065	ug/l	95
55) Dibromochloromethane	8.801	129	6808	1.739	ug/l	99
56) 1,2-Dibromoethane	8.917	107	6819	2.056	ug/l	98
58) Tetrachloroethene	8.541	164	10549	1.990	ug/l	98
59) Chlorobenzene	9.441	112	28641	2.012	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.525	131	8230	1.798	ug/l	98
61) Pentachloroethane	11.418	117	6265	1.937	ug/l	84
62) Hexachloroethane	12.467	117	5390	1.683	ug/l	92
63) Ethyl Benzene	9.560	91	50414	2.058	ug/l	98
64) m/p-Xylenes	9.685	106	38857	4.081	ug/l	97
65) o-Xylene	10.091	106	19332	2.113	ug/l	100
66) Styrene	10.107	104	30736	2.108	ug/l	98
67) Bromoform	10.280	173	2978	1.481	ug/l #	98
69) Isopropylbenzene	10.476	105	46699	2.111	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	9660	2.143	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	9787	2.673	ug/l #	87
72) Bromobenzene	10.775	156	11298	1.979	ug/l	75
73) n-propylbenzene	10.898	120	13570	2.038	ug/l	84
74) 2-Chlorotoluene	10.978	126	12112	2.058	ug/l	95
75) 1,3,5-Trimethylbenzene	11.081	105	43903	2.078	ug/l	99
76) 4-Chlorotoluene	11.091	126	13235	2.215	ug/l	97
77) tert-Butylbenzene	11.412	119	41833	2.072	ug/l	96
78) 1,2,4-Trimethylbenzene	11.460	105	43487	2.075	ug/l	99
79) sec-Butylbenzene	11.634	105	59111	2.171	ug/l	97
80) Nitrobenzene	13.209	77	443	6.925	ug/l #	86
81) p-Isopropyltoluene	11.785	119	47339	2.083	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	24202	2.119	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	24293	2.125	ug/l	95
84) n-Butylbenzene	12.203	91	46810	2.220	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	22553	2.102	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.988	75	1179	2.002	ug/l	88
87) 1,2,4-Trichlorobenzene	13.836	180	13450	2.016	ug/l	98
88) Hexachlorobutadiene	14.013	225	7762	2.048	ug/l	98
89) Naphthalene	14.084	128	25184	2.106	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	12827	2.080	ug/l	99

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

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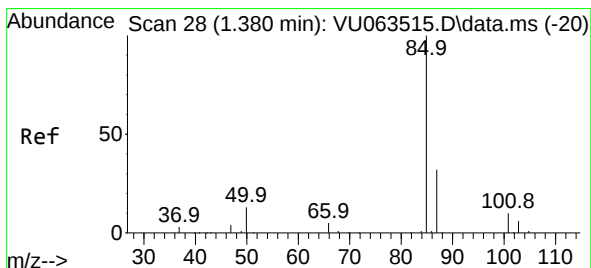
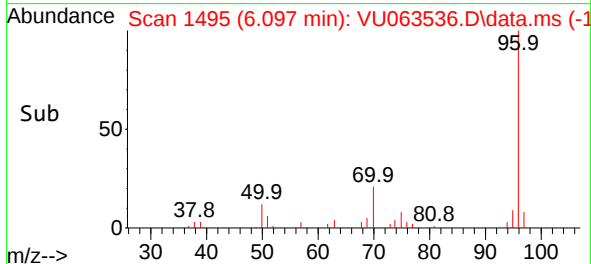
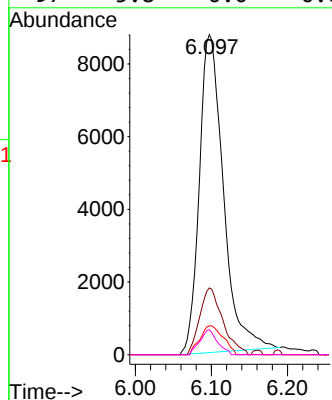
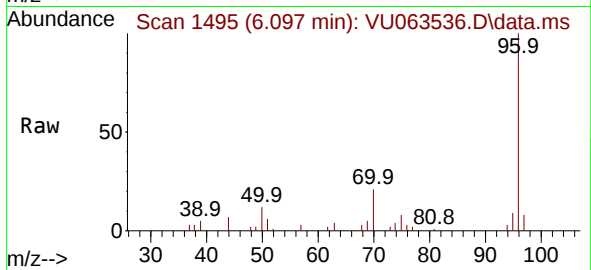




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 1496
Delta R.T. -0.003 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

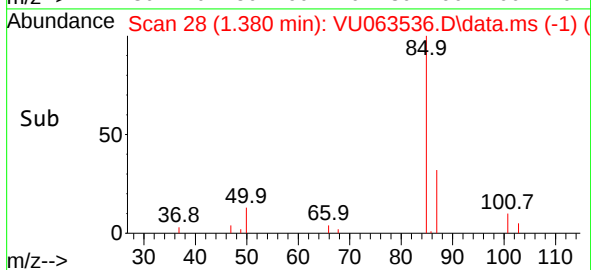
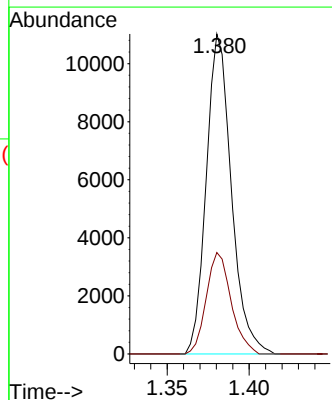
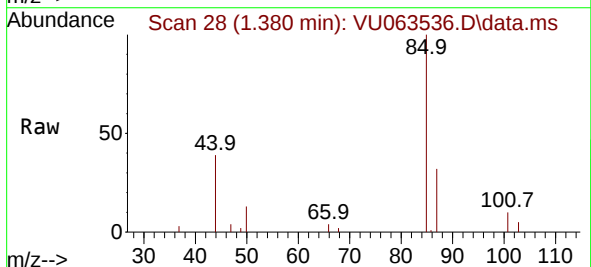
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

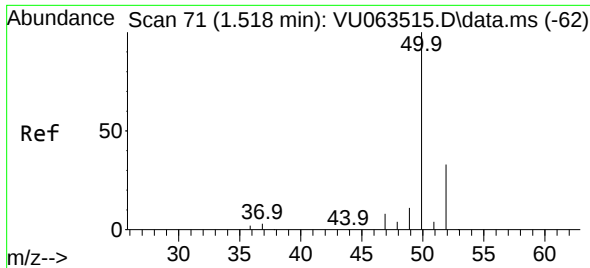
Tgt Ion:	96	Resp:	19268
Ion	Ratio	Lower	Upper
96	100		
70	20.1	15.0	22.4
95	8.7	7.4	11.0
97	5.8	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 2.061 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion:	85	Resp:	11707
Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.0	47.9

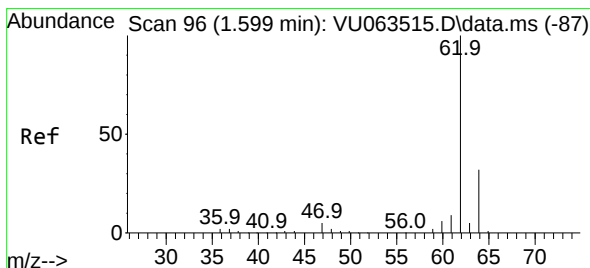
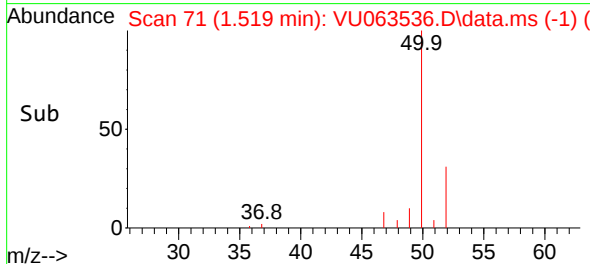
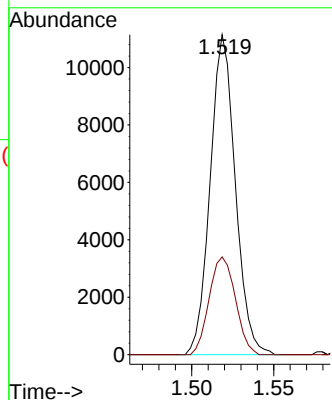
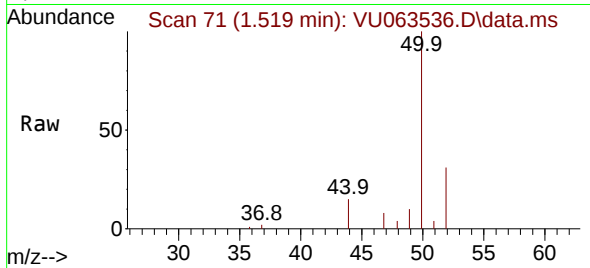




#3
Chloromethane
Concen: 2.249 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

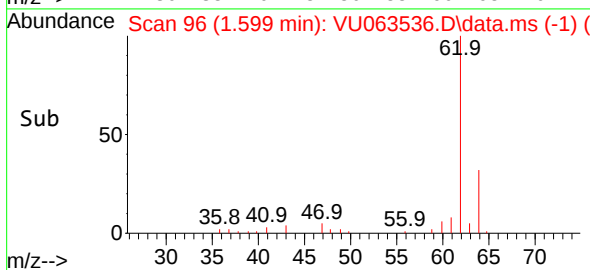
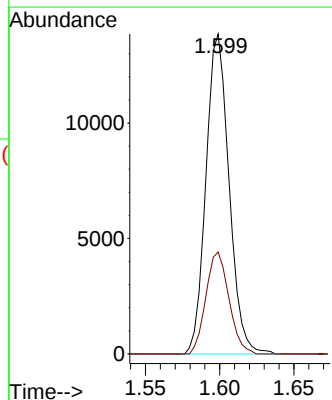
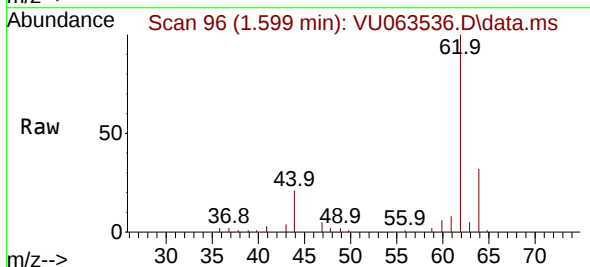
Instrument :
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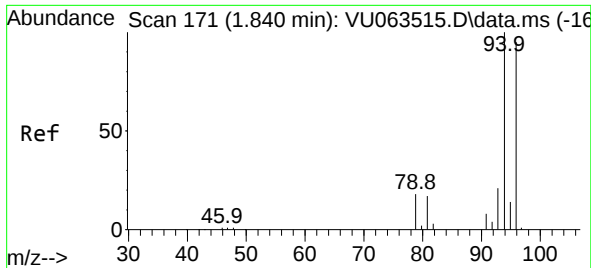
Tgt Ion: 50 Resp: 11875
Ion Ratio Lower Upper
50 100
52 30.5 26.3 39.5



#4
Vinyl Chloride
Concen: 2.223 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion: 62 Resp: 14950
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5

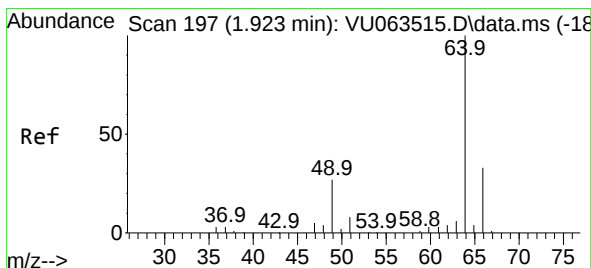
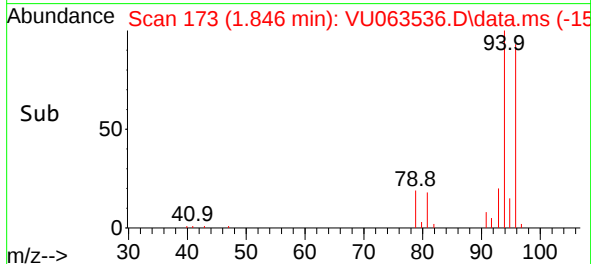
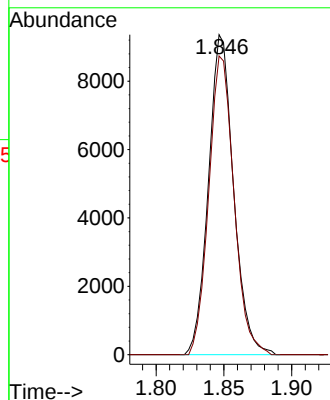
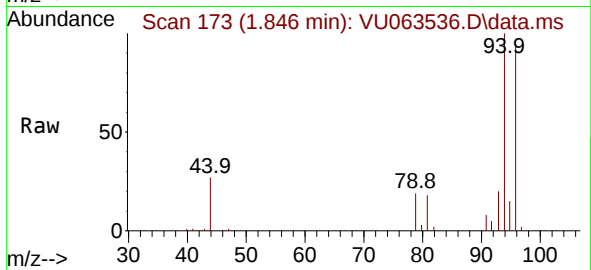




#5
Bromomethane
Concen: 2.380 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

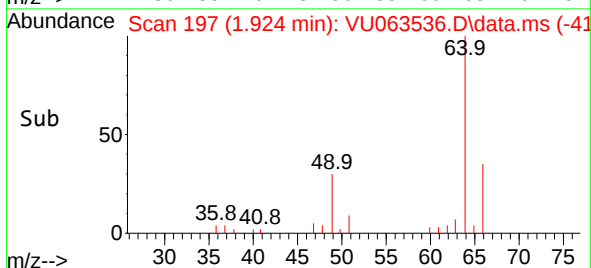
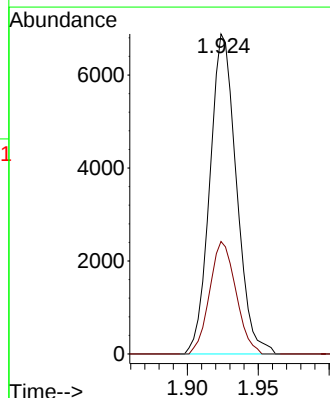
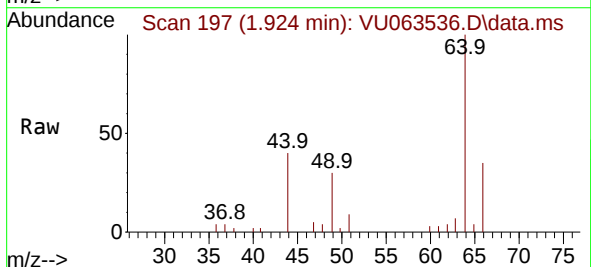
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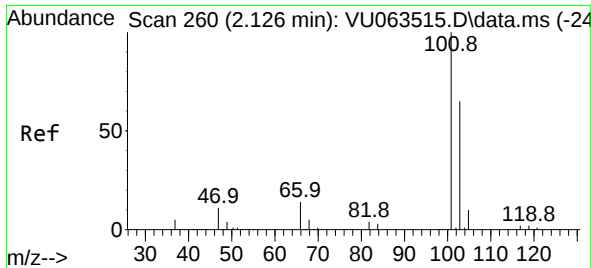
Tgt Ion: 94 Resp: 12074
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.6



#6
Chloroethane
Concen: 2.210 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion: 64 Resp: 8977
Ion Ratio Lower Upper
64 100
66 35.1 26.2 39.4

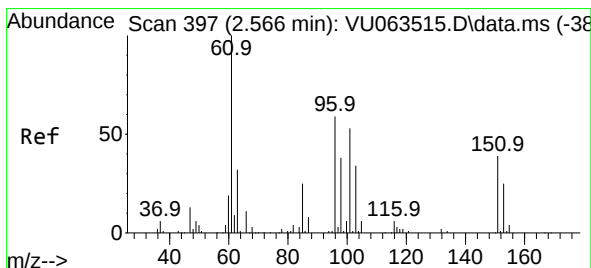
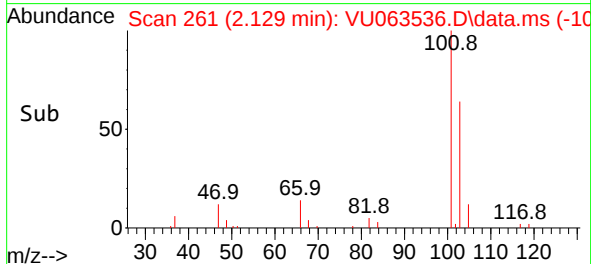
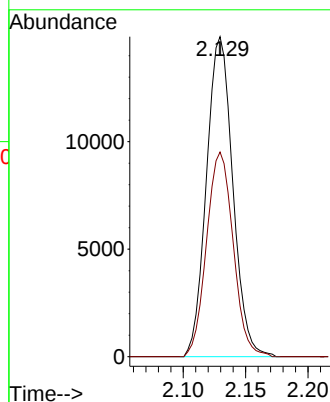
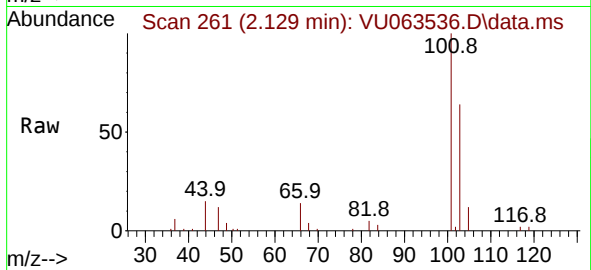




#7
 Trichlorofluoromethane
 Concen: 2.270 ug/l
 RT: 2.129 min Scan# 21922
 Delta R.T. 0.003 min
 Lab File: VU063536.D
 Acq: 18 Jul 2025 13:28

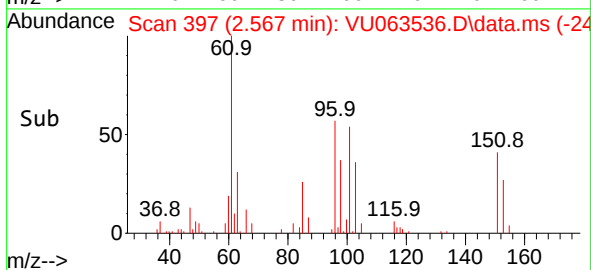
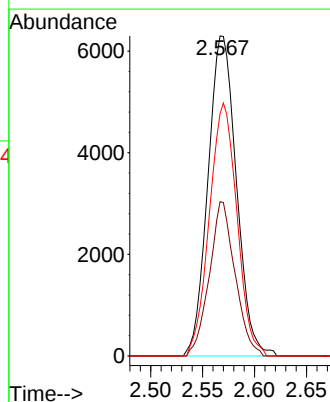
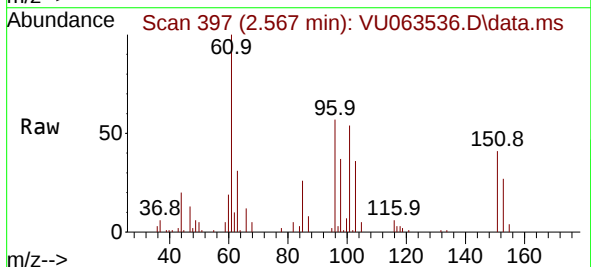
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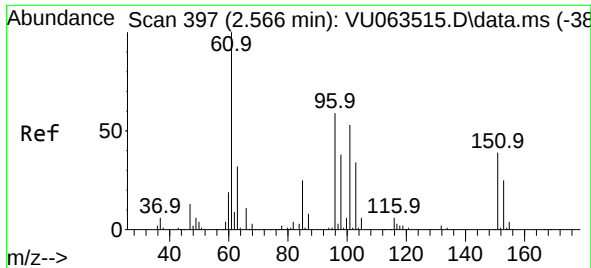
Tgt Ion:101 Resp: 21922
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.2 78.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.376 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063536.D
 Acq: 18 Jul 2025 13:28

Tgt Ion:101 Resp: 11989
 Ion Ratio Lower Upper
 101 100
 85 43.6 37.8 56.6
 151 76.6 59.2 88.8

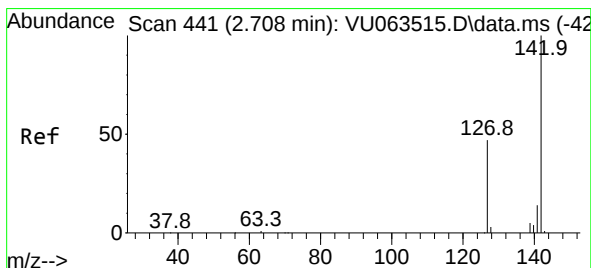
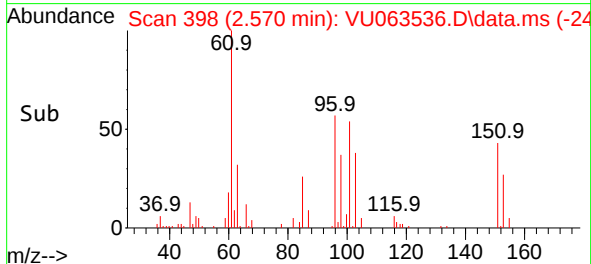
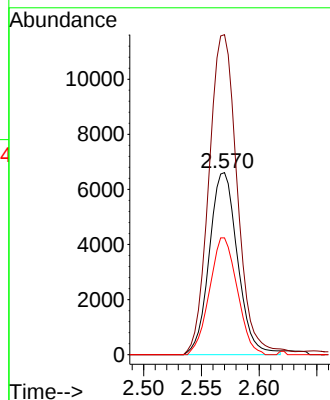
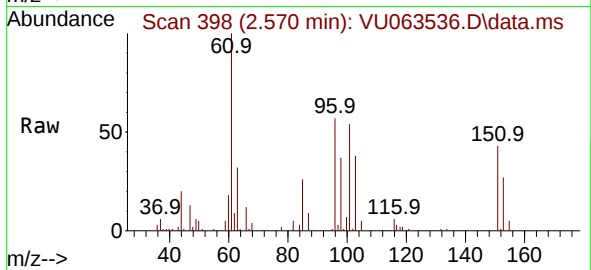




#9
1,1-Dichloroethene
Concen: 2.247 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

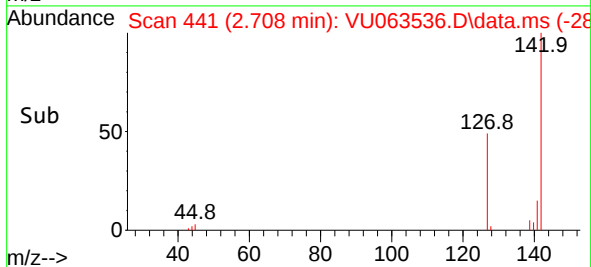
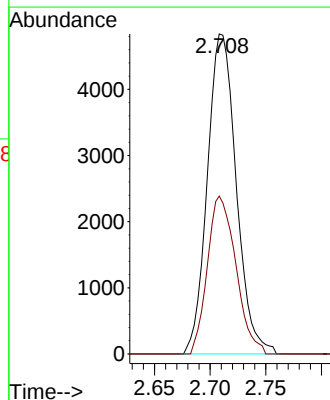
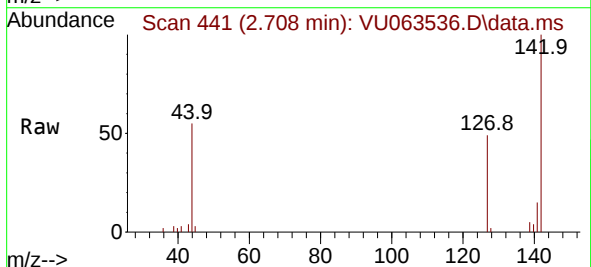
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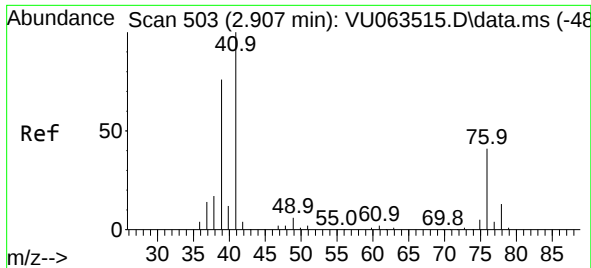
Tgt Ion: 96 Resp: 11242
Ion Ratio Lower Upper
96 100
61 175.7 0.0 504.3
98 64.2 0.0 126.8



#10
Iodomethane
Concen: 1.977 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion: 142 Resp: 8739
Ion Ratio Lower Upper
142 100
127 48.5 37.9 56.9

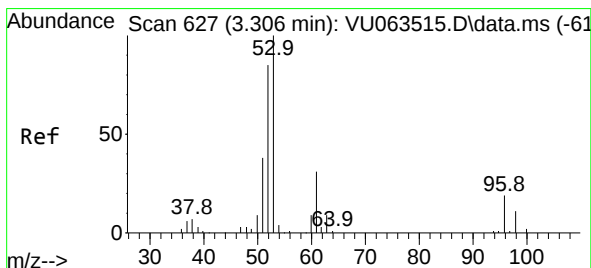
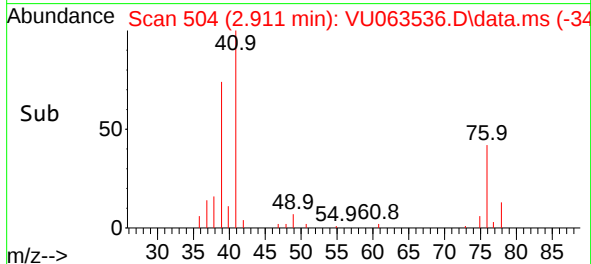
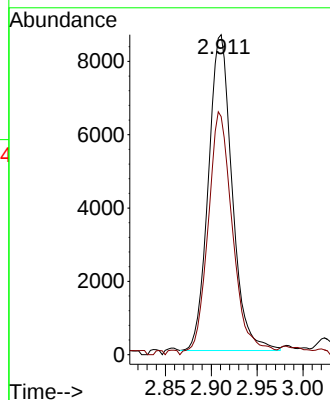
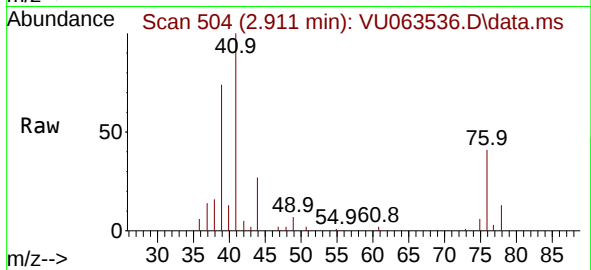




#11
 Allyl Chloride
 Concen: 2.152 ug/l
 RT: 2.911 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063536.D
 Acq: 18 Jul 2025 13:28

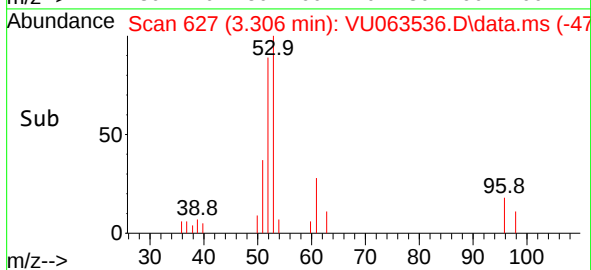
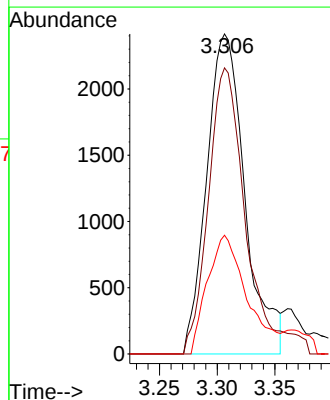
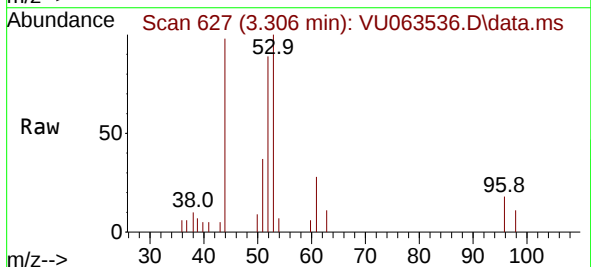
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0718WBSD02

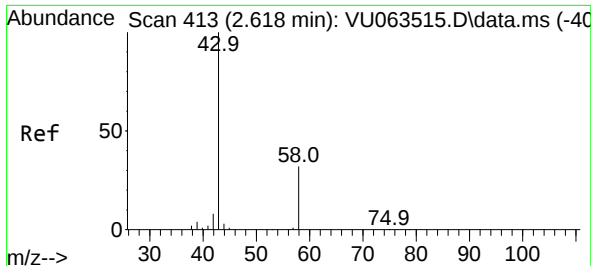
Tgt Ion: 41 Resp: 15550
 Ion Ratio Lower Upper
 41 100
 39 79.9 61.5 92.3



#12
 Acrylonitrile
 Concen: 4.441 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU063536.D
 Acq: 18 Jul 2025 13:28

Tgt Ion: 53 Resp: 5556
 Ion Ratio Lower Upper
 53 100
 52 87.6 64.3 96.5
 51 38.6 27.8 41.8





#13

Acetone

Concen: 20.852 ug/l

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

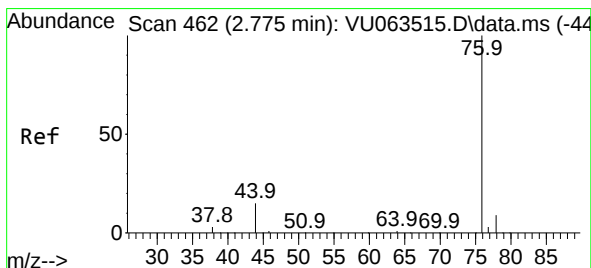
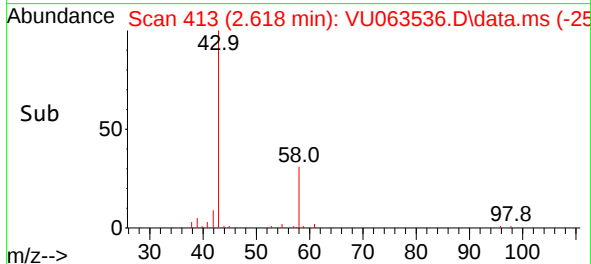
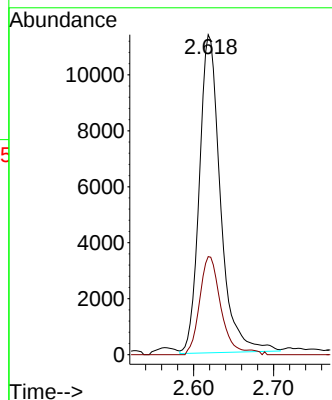
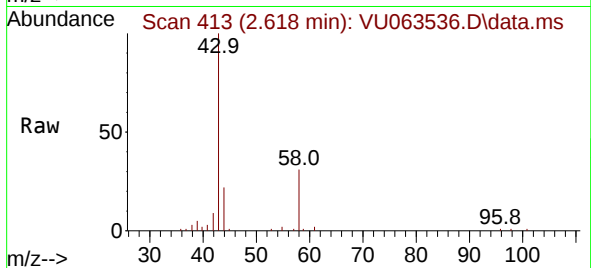
VU0718WBSD02

Tgt Ion: 43 Resp: 20902

Ion Ratio Lower Upper

43 100

58 31.0 25.4 38.0



#14

Carbon Disulfide

Concen: 1.779 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063536.D

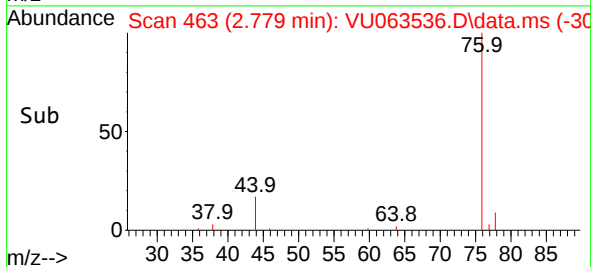
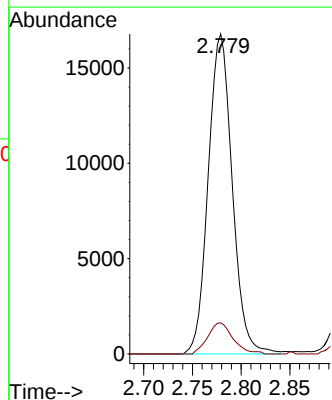
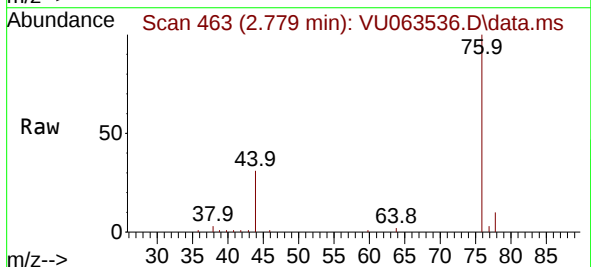
Acq: 18 Jul 2025 13:28

Tgt Ion: 76 Resp: 28738

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6

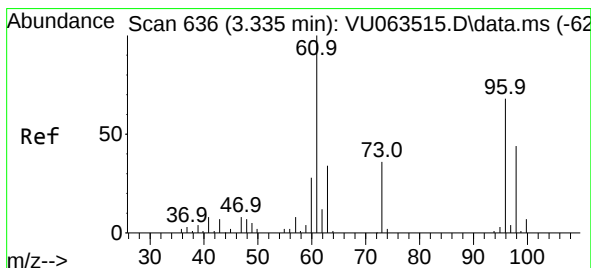
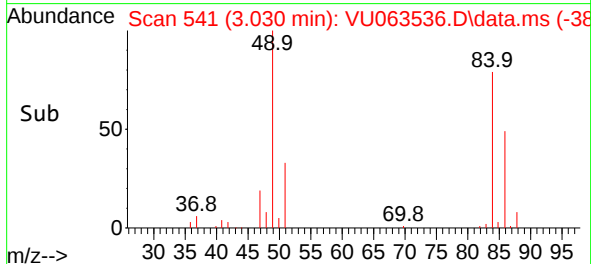
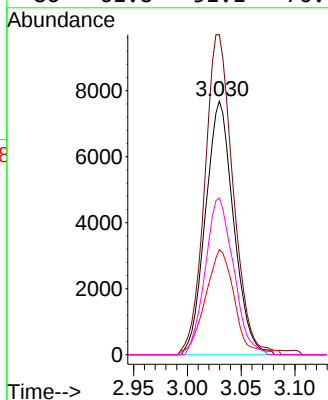
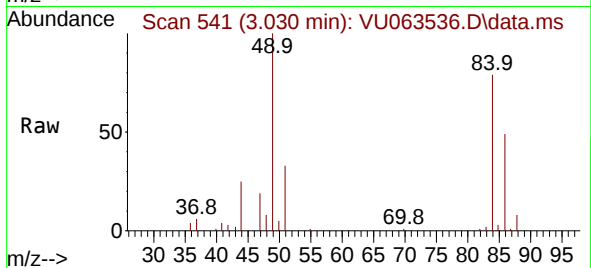




#15
Methylene Chloride
Concen: 2.372 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

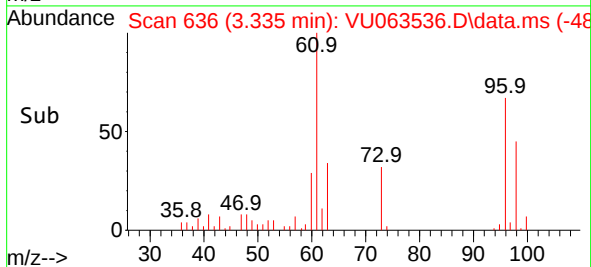
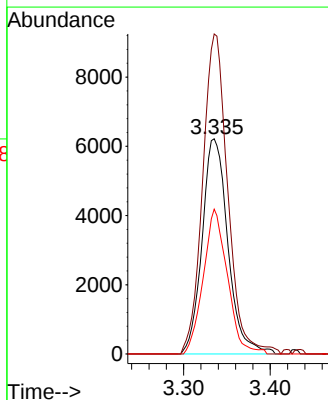
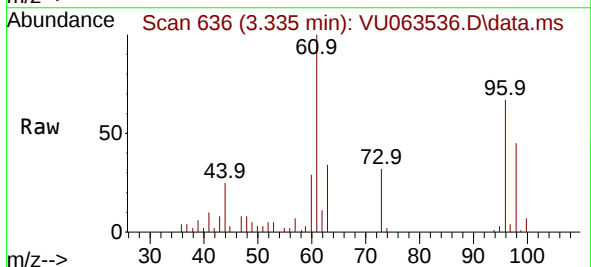
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

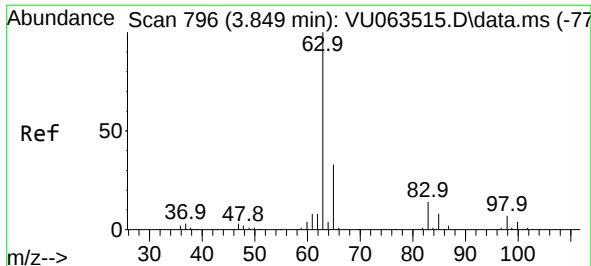
Tgt Ion:	84	Resp:	13971
Ion	Ratio	Lower	Upper
84	100		
49	126.2	103.8	155.8
51	41.4	0.0	80.4
86	61.8	51.1	76.7



#16
trans-1,2-Dichloroethene
Concen: 2.266 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion:	96	Resp:	12876
Ion	Ratio	Lower	Upper
96	100		
61	148.7	117.2	175.8
98	67.3	51.4	77.2

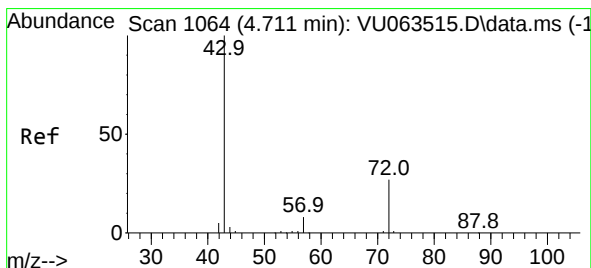
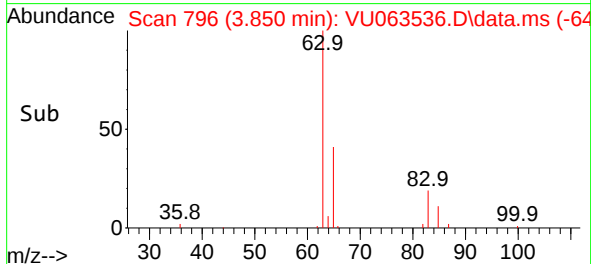
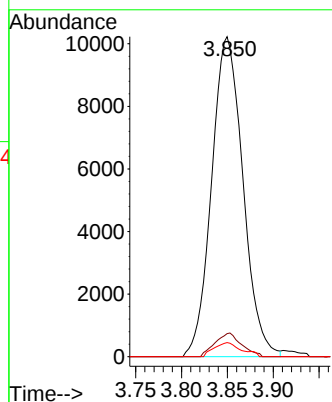
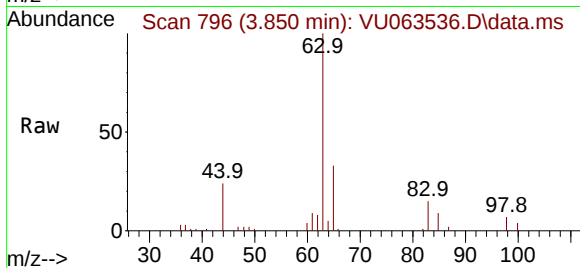




#17
 1,1-Dichloroethane
 Concen: 2.306 ug/l
 RT: 3.850 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VU063536.D
 Acq: 18 Jul 2025 13:28

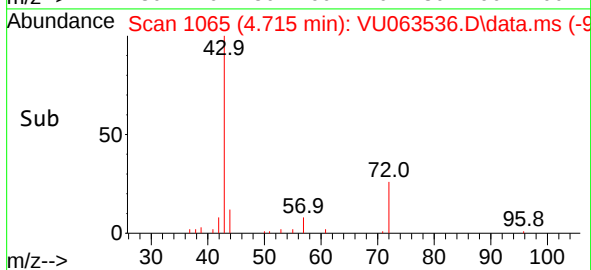
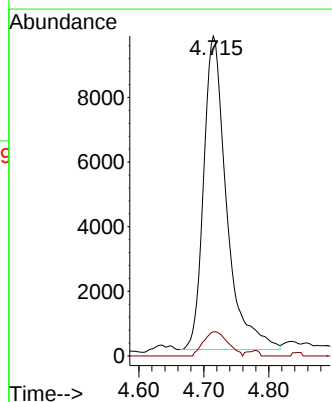
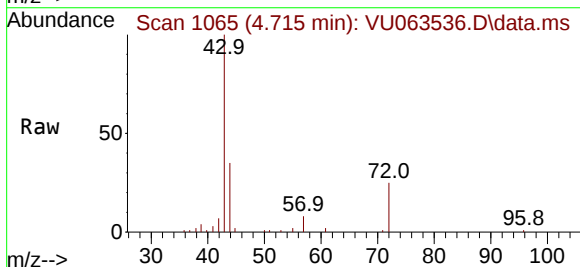
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0718WBSD02

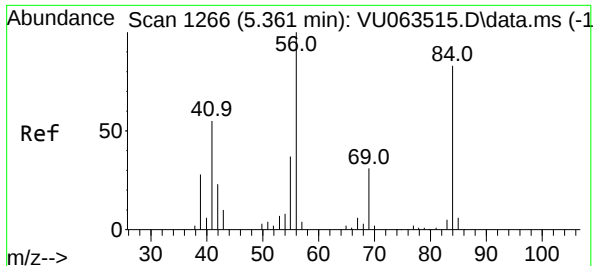
Tgt Ion: 63 Resp: 24279
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.4 2.1 6.2



#18
 2-Butanone
 Concen: 15.388 ug/l
 RT: 4.715 min Scan# 1065
 Delta R.T. 0.003 min
 Lab File: VU063536.D
 Acq: 18 Jul 2025 13:28

Tgt Ion: 43 Resp: 23888
 Ion Ratio Lower Upper
 43 100
 57 7.7 0.0 16.4





#19

Cyclohexane

Concen: 2.124 ug/l

RT: 5.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBSD02

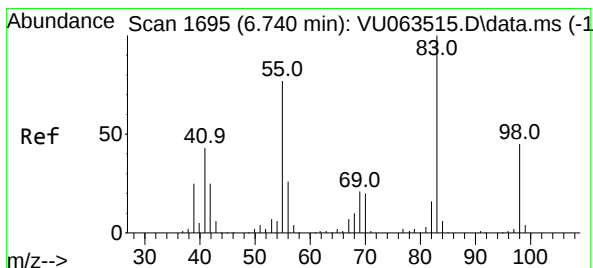
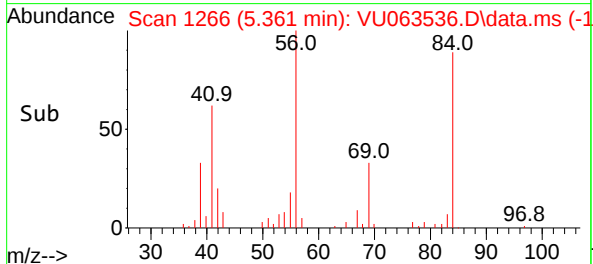
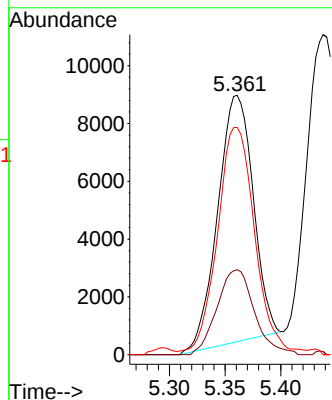
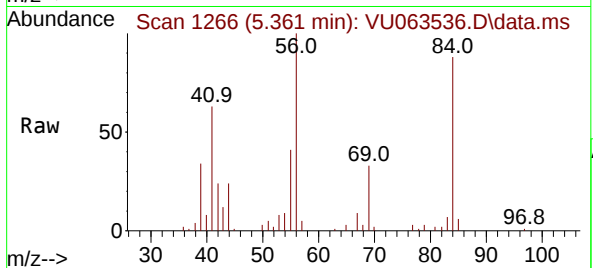
Tgt Ion: 56 Resp: 18940

Ion Ratio Lower Upper

56 100

69 36.2 26.6 39.8

84 92.6 71.0 106.4



#20

Methylcyclohexane

Concen: 1.966 ug/l

RT: 6.743 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

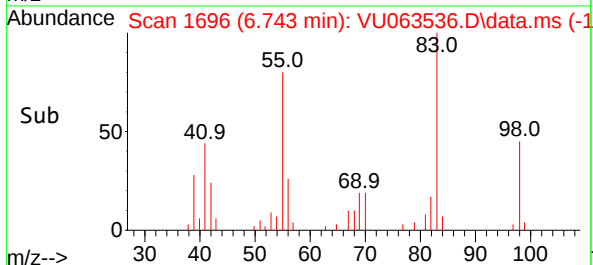
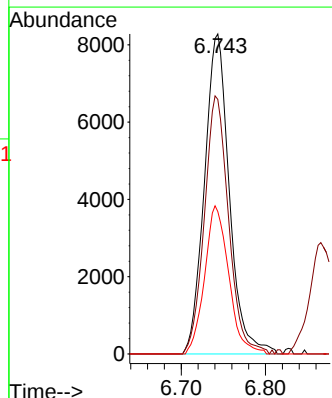
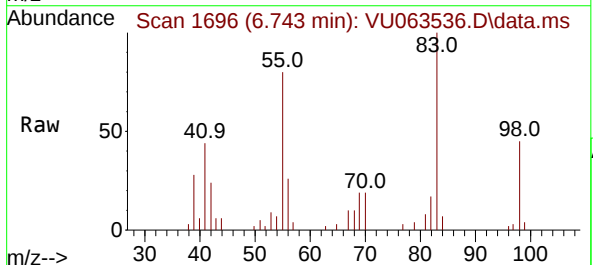
Tgt Ion: 83 Resp: 17035

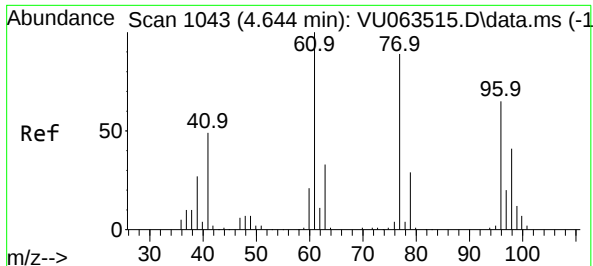
Ion Ratio Lower Upper

83 100

55 78.4 60.6 90.8

98 44.9 35.8 53.8





#21

2,2-Dichloropropane

Concen: 2.156 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

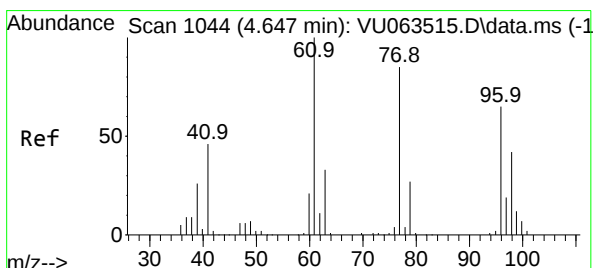
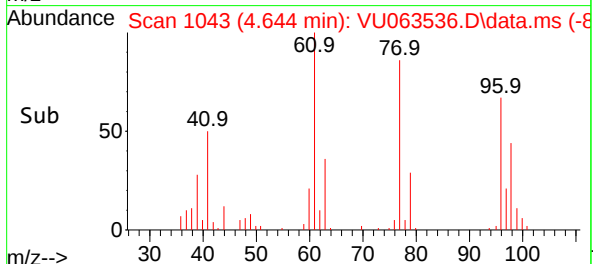
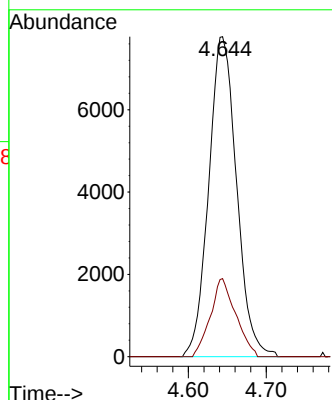
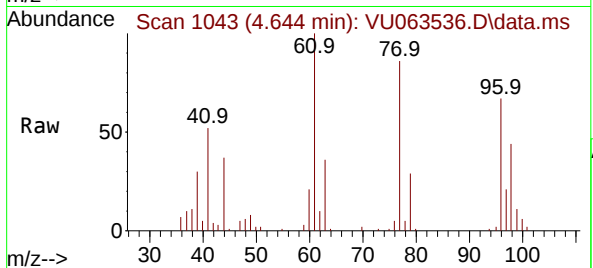
VU0718WBSD02

Tgt Ion: 77 Resp: 19328

Ion Ratio Lower Upper

77 100

97 22.1 17.8 26.8



#22

cis-1,2-Dichloroethene

Concen: 2.316 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

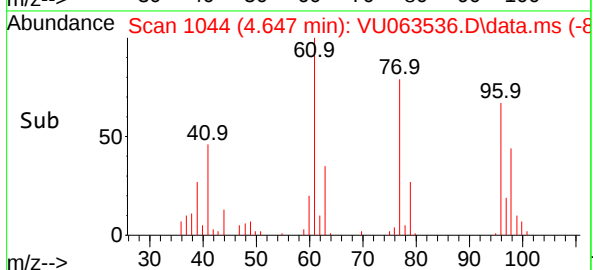
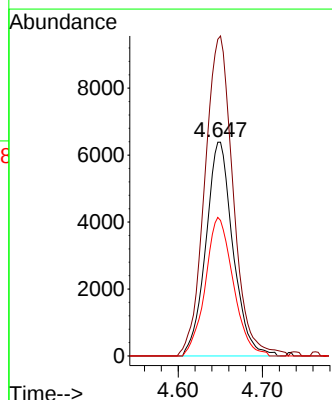
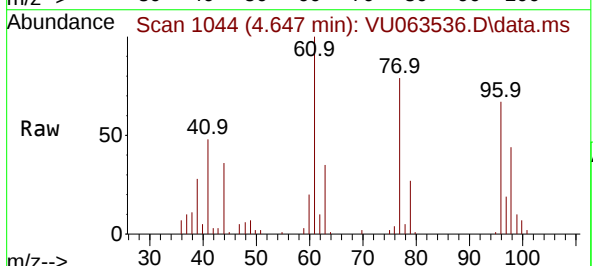
Tgt Ion: 96 Resp: 14276

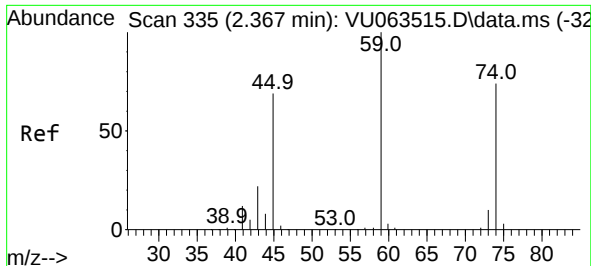
Ion Ratio Lower Upper

96 100

61 156.5 0.0 384.7

98 66.6 32.1 96.3





#23

Diethyl Ether

Concen: 2.331 ug/l

RT: 2.371 min Scan# 335

Delta R.T. 0.003 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBSD02

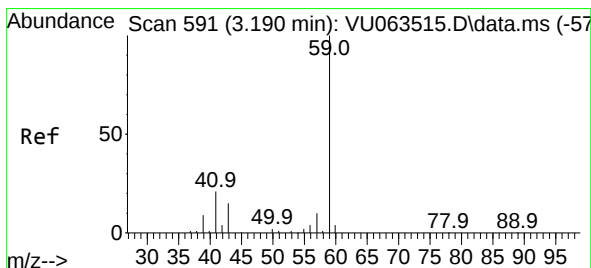
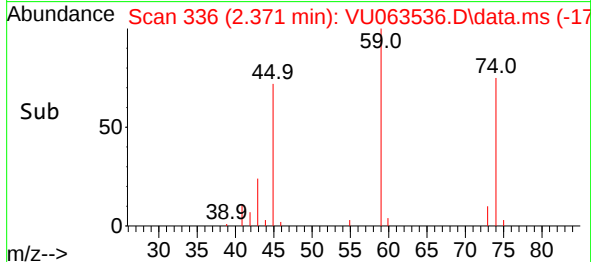
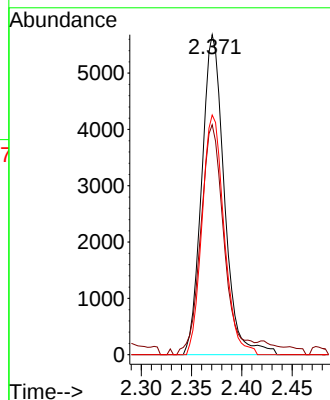
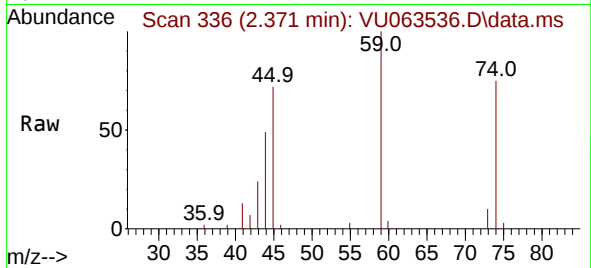
Tgt Ion: 59 Resp: 8887

Ion Ratio Lower Upper

59 100

45 73.6 55.1 82.7

74 72.7 58.2 87.4



#24

tert-Butyl Alcohol

Concen: 23.273 ug/l

RT: 3.194 min Scan# 592

Delta R.T. 0.003 min

Lab File: VU063536.D

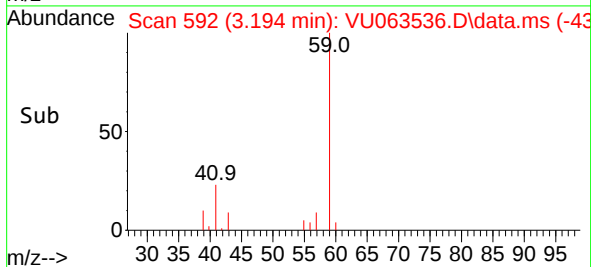
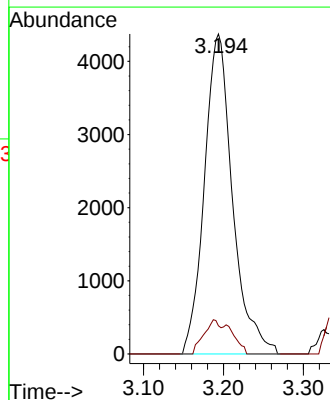
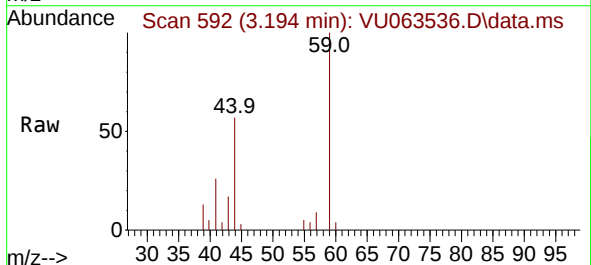
Acq: 18 Jul 2025 13:28

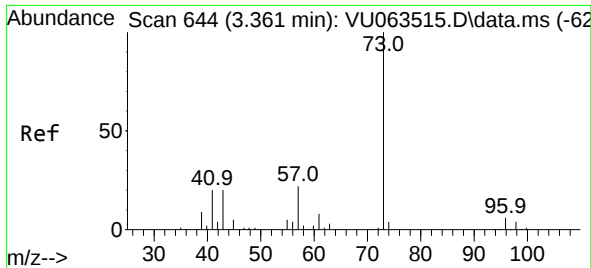
Tgt Ion: 59 Resp: 10709

Ion Ratio Lower Upper

59 100

57 6.2 8.6 12.8

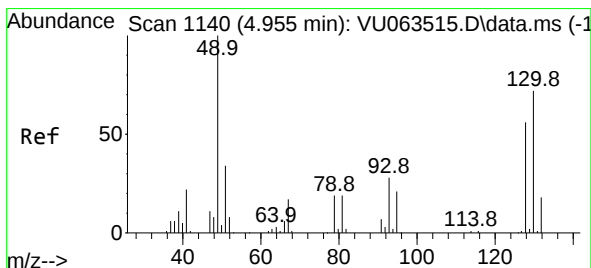
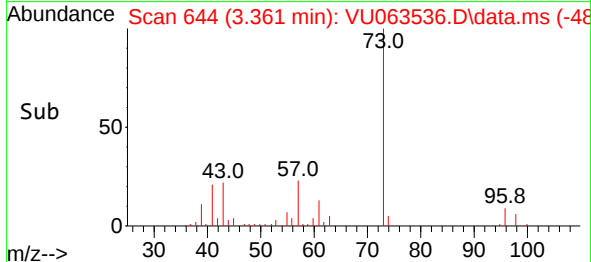
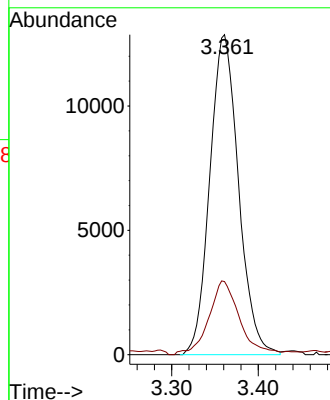
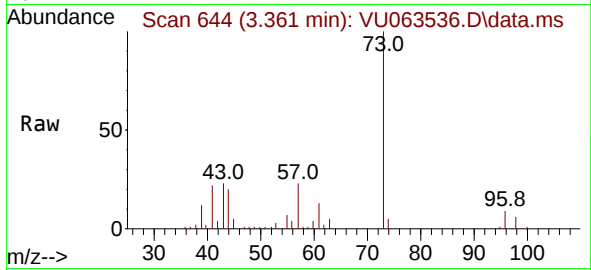




#25
Methyl tert-Butyl Ether
Concen: 2.272 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

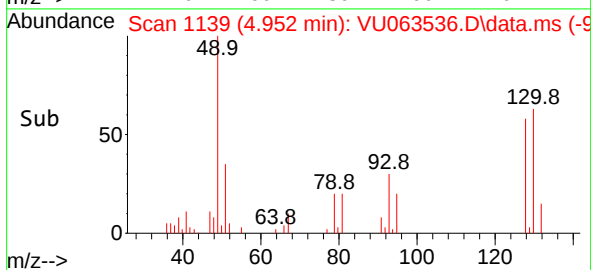
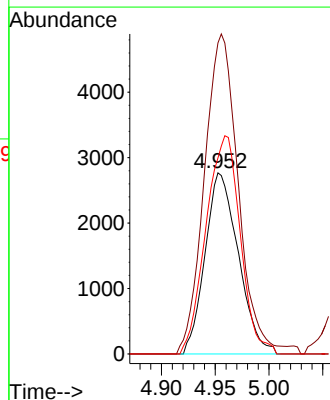
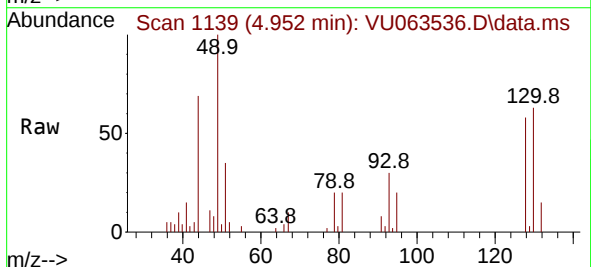
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

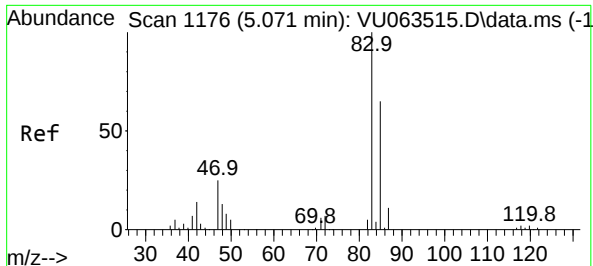
Tgt Ion: 73 Resp: 29677
Ion Ratio Lower Upper
73 100
43 24.6 16.2 24.2#



#26
Bromochloromethane
Concen: 2.312 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion: 128 Resp: 5952
Ion Ratio Lower Upper
128 100
49 180.1 0.0 340.8
130 124.4 100.5 150.7





#27

Chloroform

Concen: 2.276 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

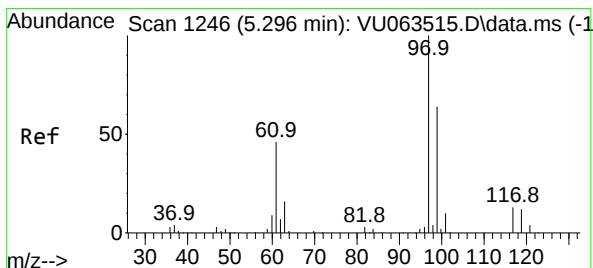
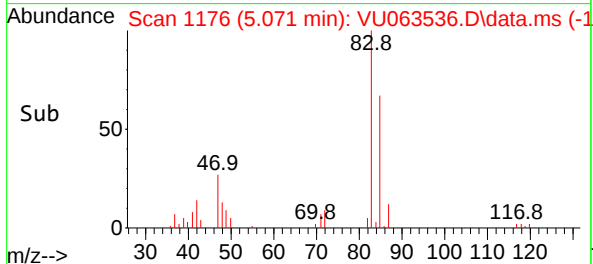
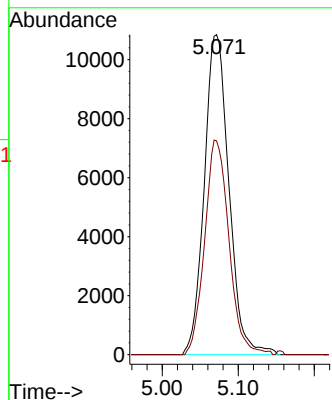
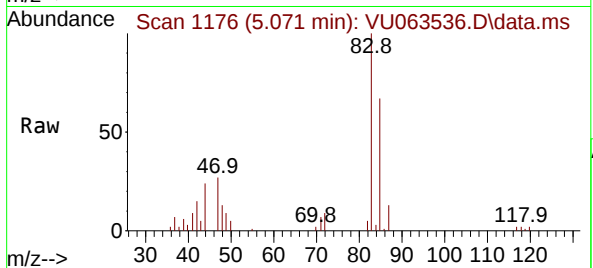
VU0718WBSD02

Tgt Ion: 83 Resp: 24451

Ion Ratio Lower Upper

83 100

85 66.9 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 2.215 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

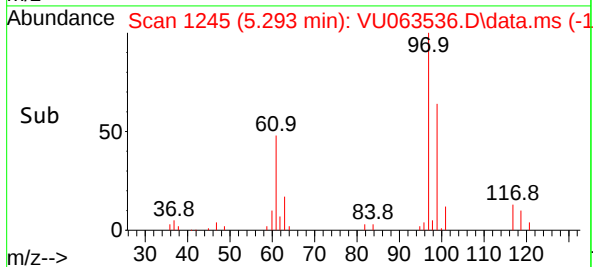
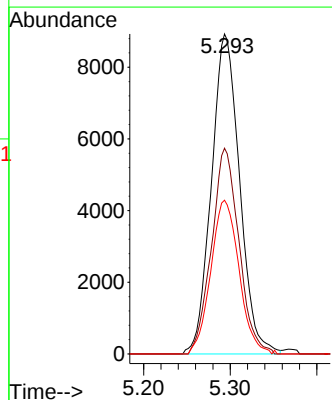
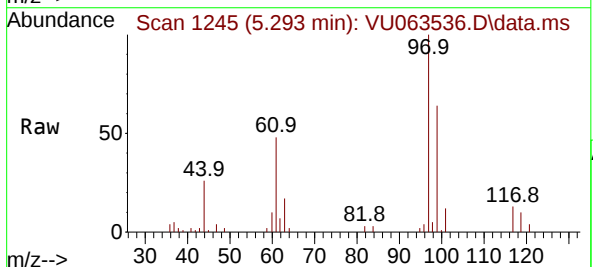
Tgt Ion: 97 Resp: 20196

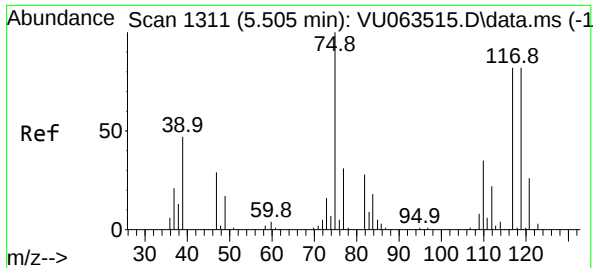
Ion Ratio Lower Upper

97 100

99 62.4 31.8 95.3

61 48.1 23.3 69.9

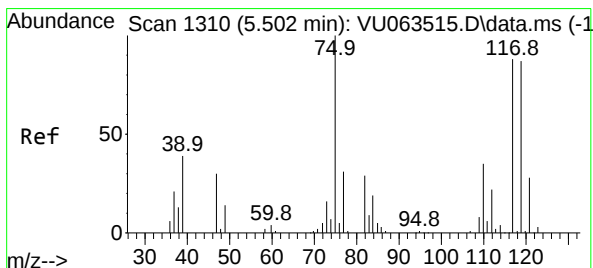
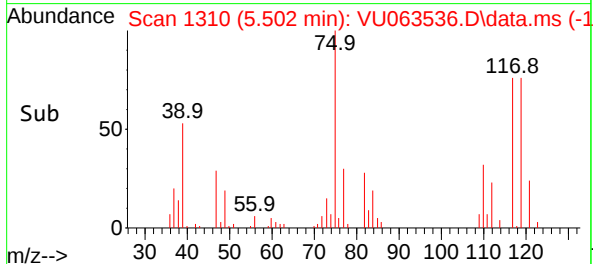
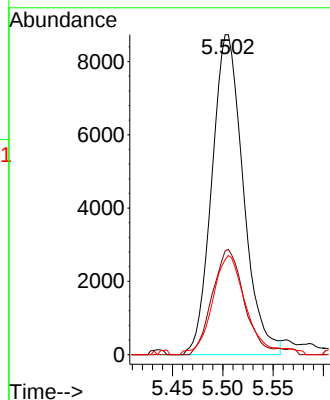
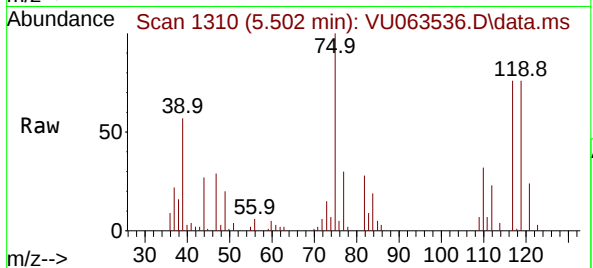




#29
1,1-Dichloropropene
Concen: 2.246 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. -0.003 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

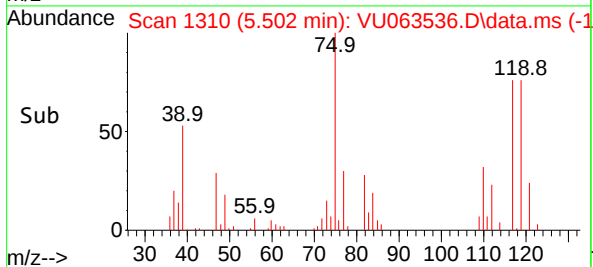
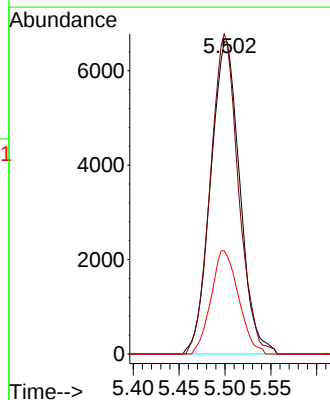
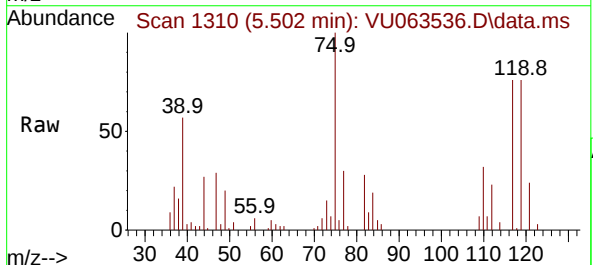
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

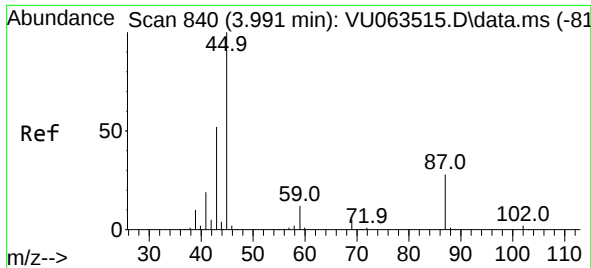
Tgt Ion:	75	Resp:	18978
Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.8	53.4
77	33.5	24.6	37.0



#30
Carbon Tetrachloride
Concen: 1.995 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion:	117	Resp:	14643
Ion	Ratio	Lower	Upper
117	100		
119	99.7	79.2	118.8
121	31.5	25.5	38.3

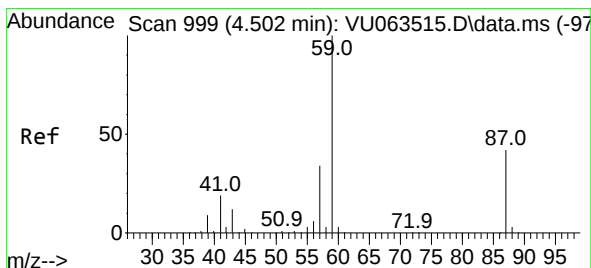
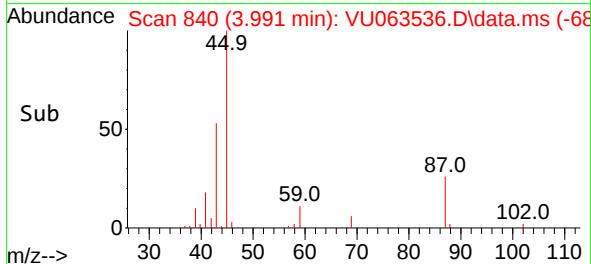
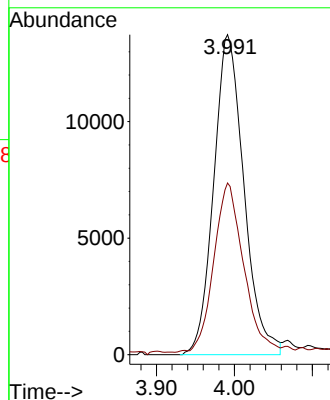
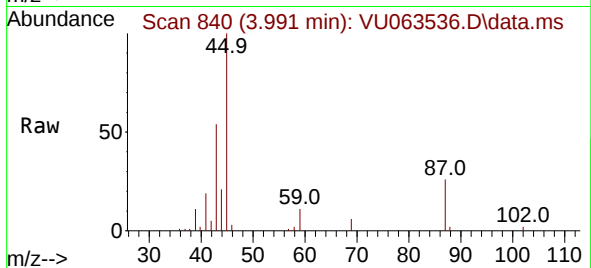




#31
Isopropyl Ether
Concen: 2.326 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

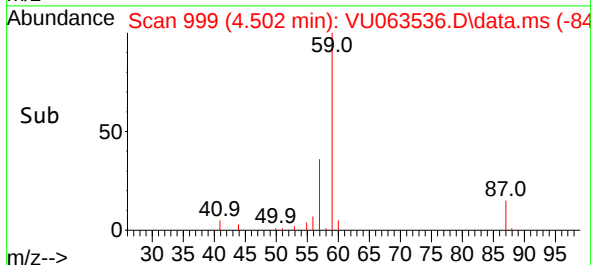
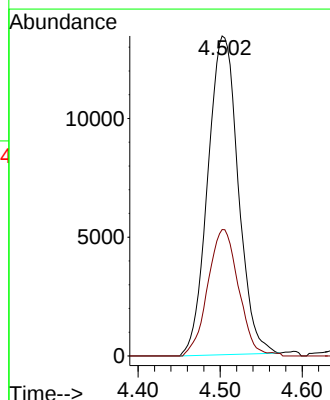
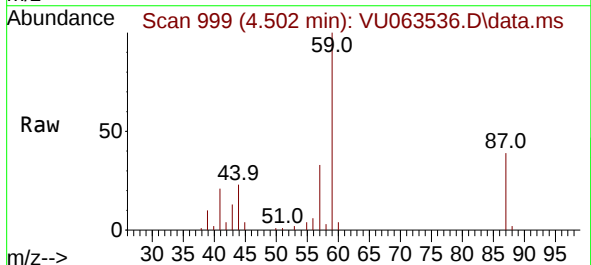
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

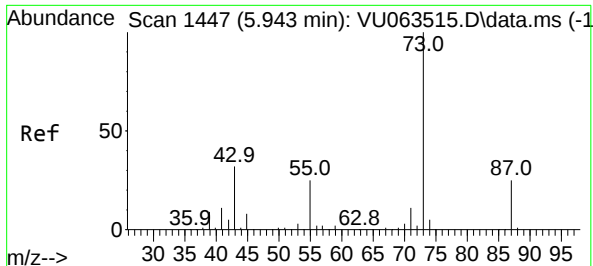
Tgt Ion: 45 Resp: 36969
Ion Ratio Lower Upper
45 100
43 51.9 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 2.352 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion: 59 Resp: 34594
Ion Ratio Lower Upper
59 100
87 40.3 32.6 49.0

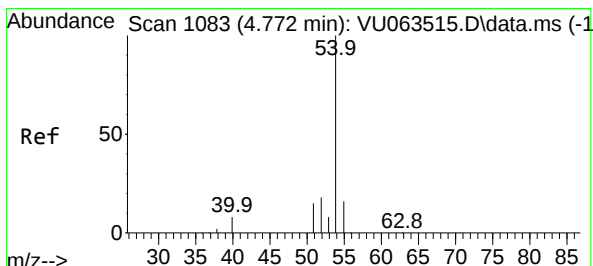
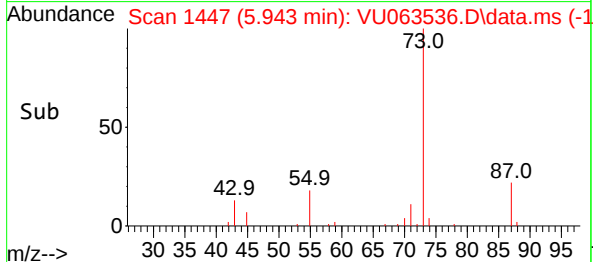
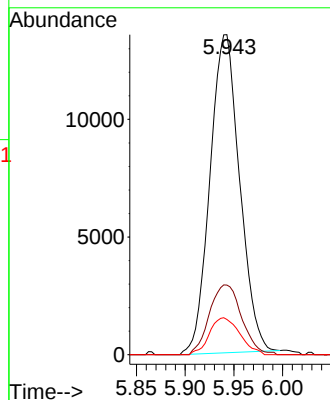
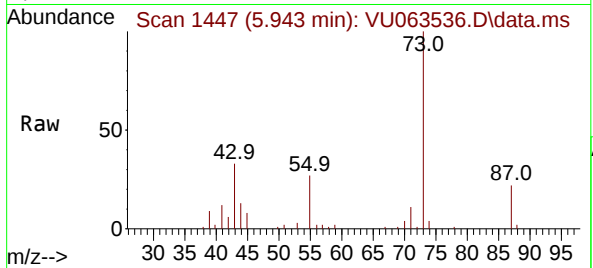




#33
Tert-Amyl methyl ether
Concen: 2.245 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

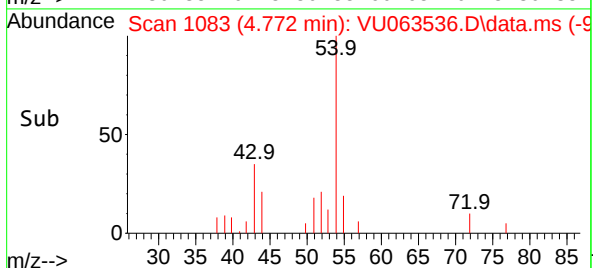
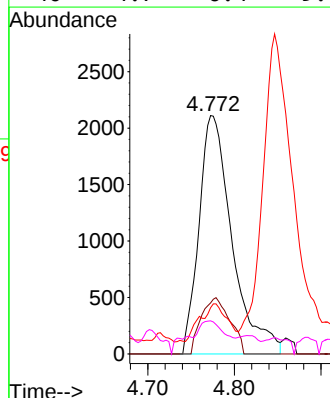
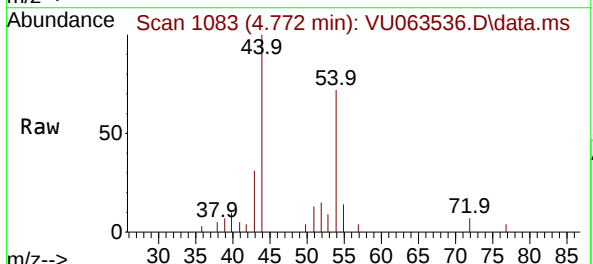
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

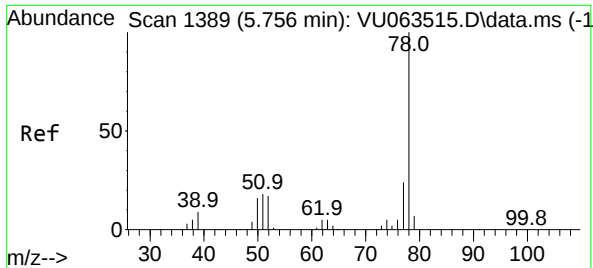
Tgt Ion: 73	Resp: 28665
Ion Ratio	Lower Upper
73	100
87	23.8 19.4 29.2
71	11.9 8.9 13.3



#34
Propionitrile
Concen: 11.846 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion: 54	Resp: 5603
Ion Ratio	Lower Upper
54	100
52	20.6 17.0 25.4
55	13.0 13.6 20.4#
40	4.7 6.4 9.6#

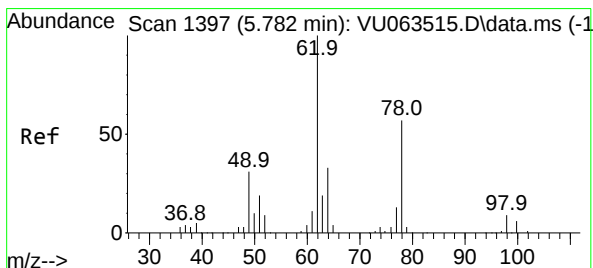
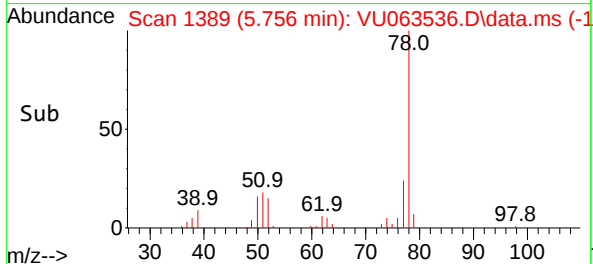
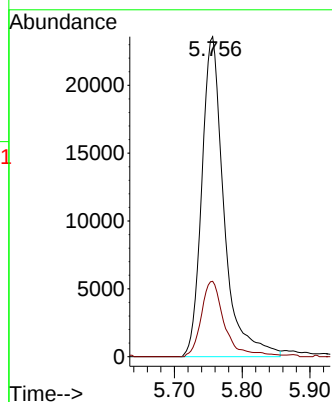
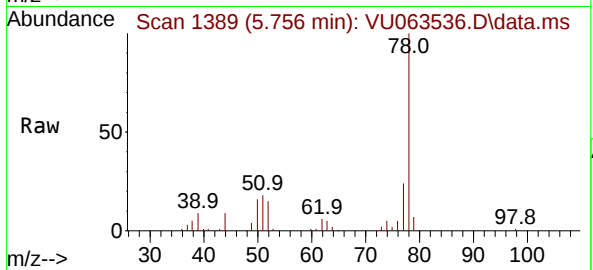




#35
Benzene
Concen: 2.365 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

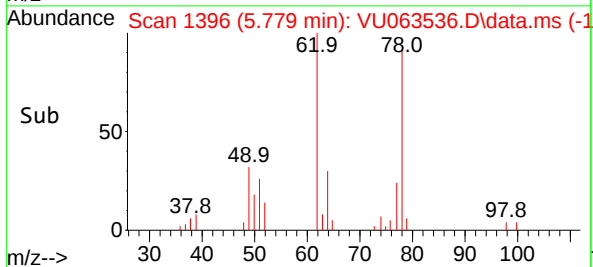
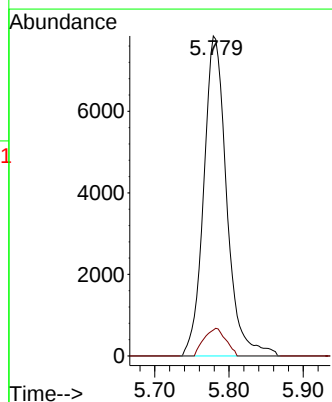
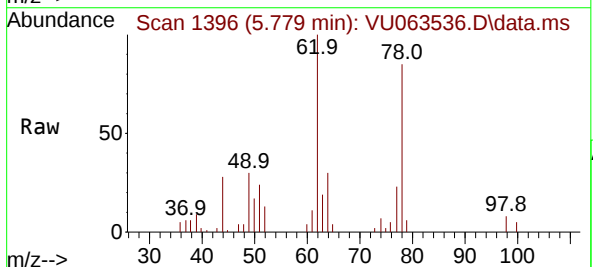
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

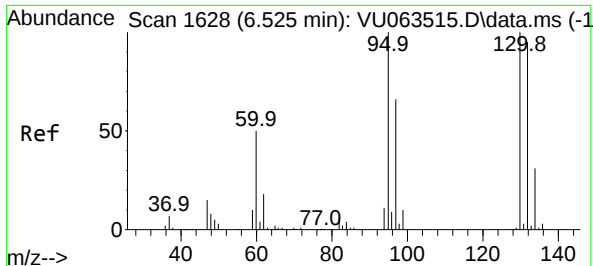
Tgt Ion: 78 Resp: 53680
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.2



#36
1,2-Dichloroethane
Concen: 2.388 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion: 62 Resp: 16842
Ion Ratio Lower Upper
62 100
98 8.2 6.4 9.6





#37

Trichloroethene

Concen: 1.844 ug/l

RT: 6.528 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

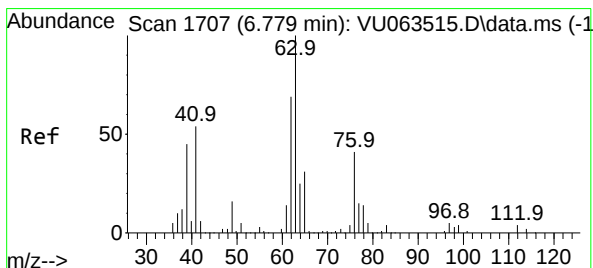
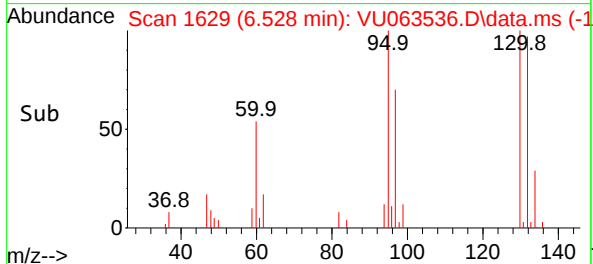
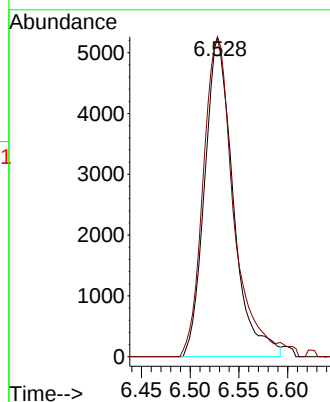
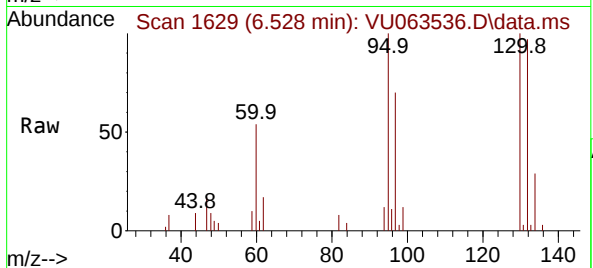
VU0718WBSD02

Tgt Ion:130 Resp: 10679

Ion Ratio Lower Upper

130 100

95 100.3 80.3 120.5



#38

1,2-Dichloropropane

Concen: 2.059 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU063536.D

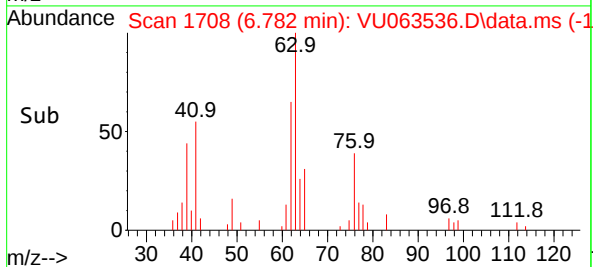
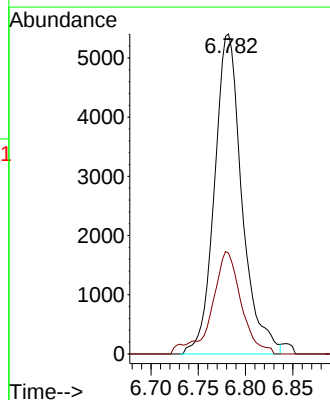
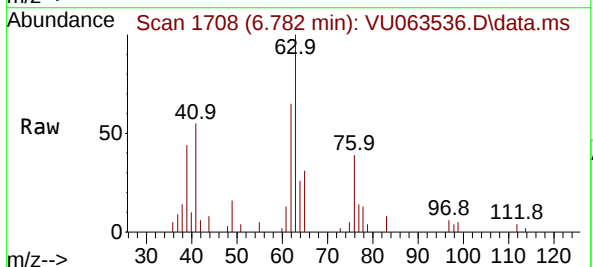
Acq: 18 Jul 2025 13:28

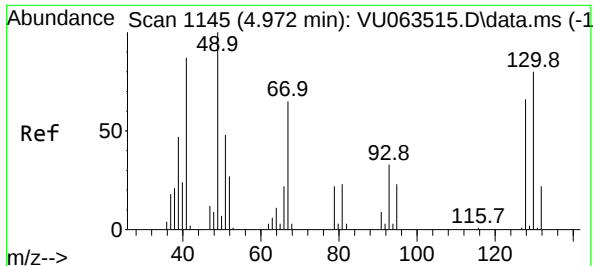
Tgt Ion: 63 Resp: 10940

Ion Ratio Lower Upper

63 100

65 31.5 24.6 36.8





#39

Methacrylonitrile

Concen: 2.017 ug/l

RT: 4.975 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063536.D

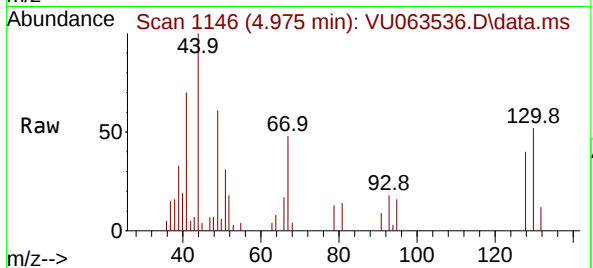
Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBSD02



Tgt Ion: 41 Resp: 4241

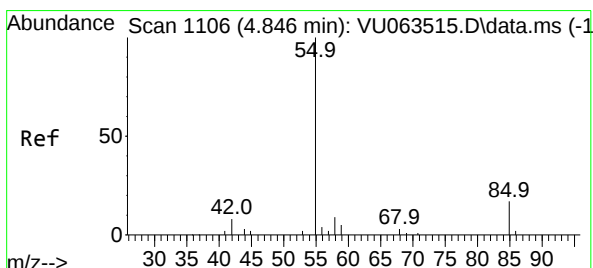
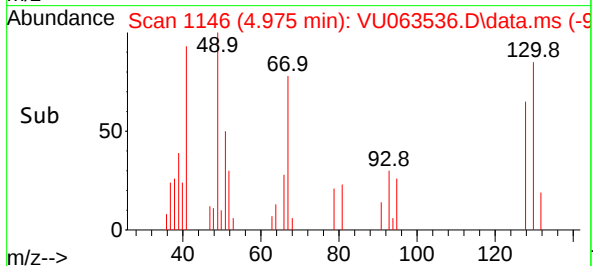
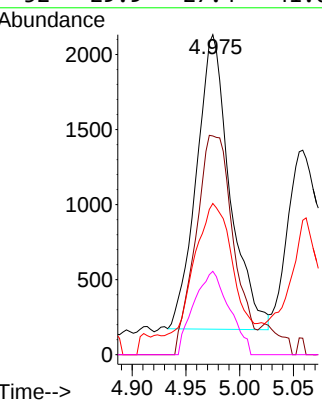
Ion Ratio Lower Upper

41 100

67 84.1 62.7 94.1

39 60.4 43.1 64.7

52 29.9 27.4 41.0



#40

Methyl acrylate

Concen: 2.110 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Tgt Ion: 55 Resp: 6486

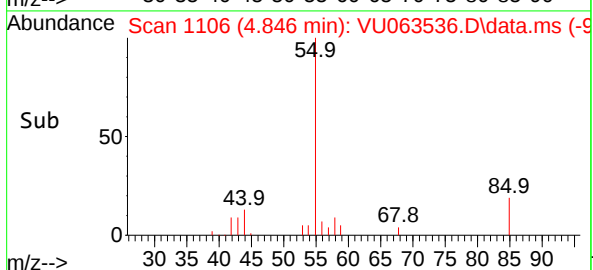
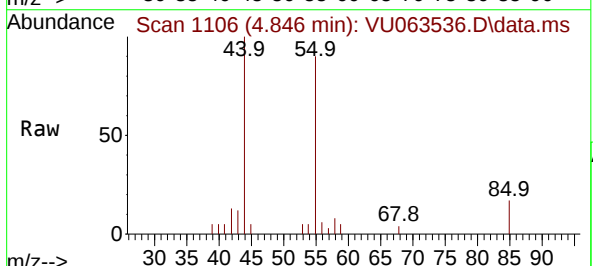
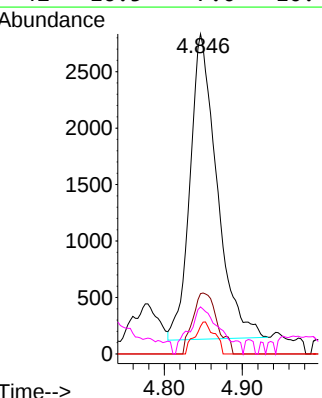
Ion Ratio Lower Upper

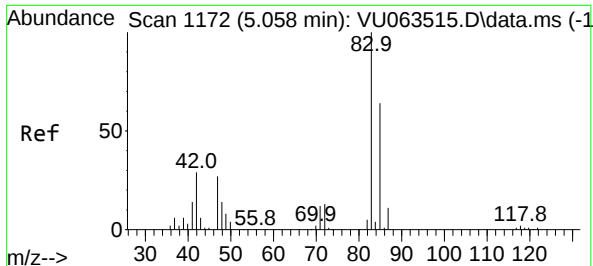
55 100

85 18.2 12.8 19.2

58 7.7 7.0 10.4

42 16.5 7.0 10.4#





#41

Tetrahydrofuran

Concen: 4.692 ug/l

RT: 5.059 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBSD02

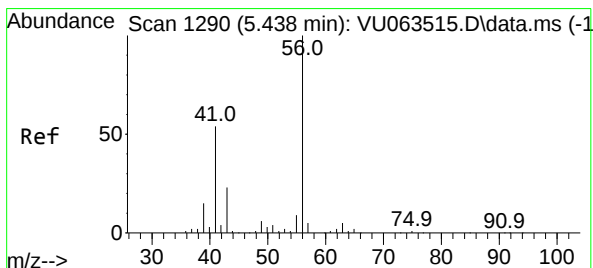
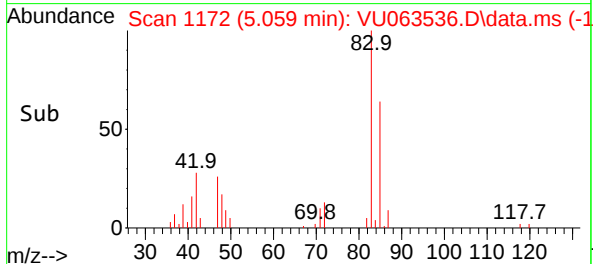
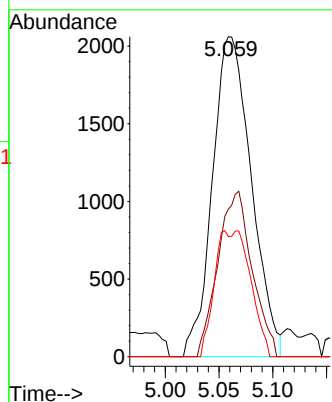
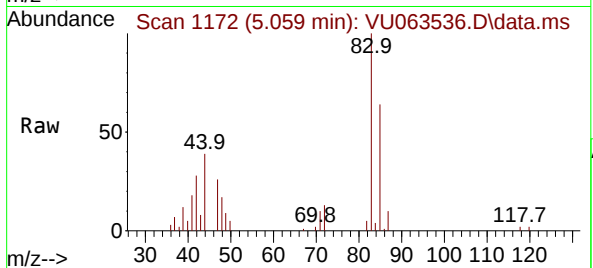
Tgt Ion: 42 Resp: 5189

Ion Ratio Lower Upper

42 100

72 45.5 39.2 58.8

71 15.5 34.8 52.2#



#42

1-Chlorobutane

Concen: 2.251 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VU063536.D

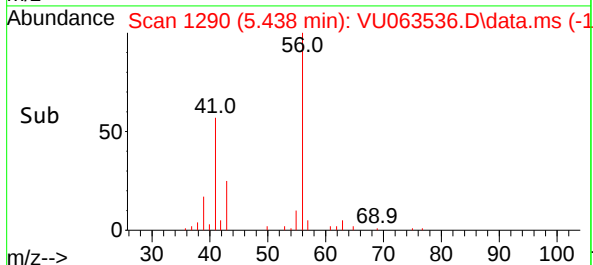
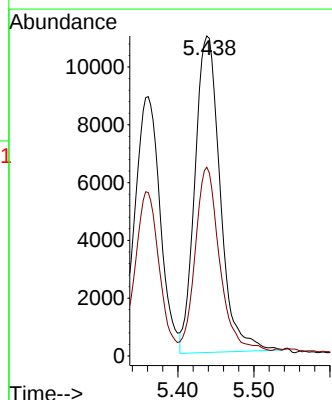
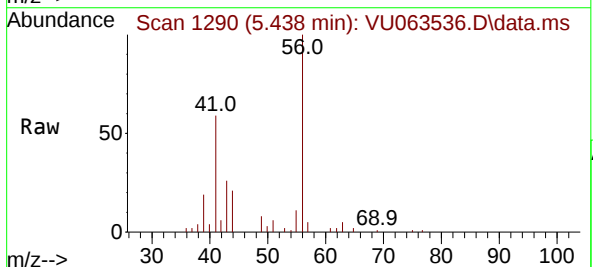
Acq: 18 Jul 2025 13:28

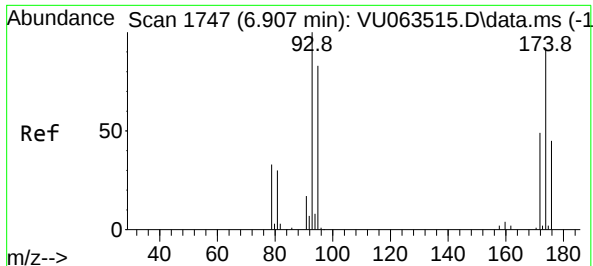
Tgt Ion: 56 Resp: 25284

Ion Ratio Lower Upper

56 100

41 56.9 26.7 80.0

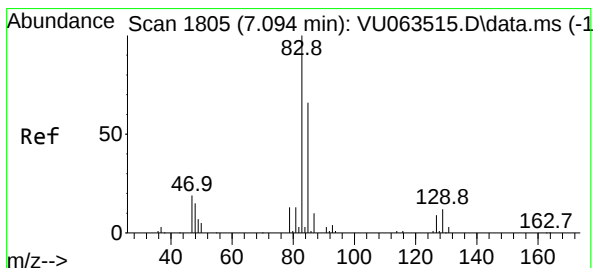
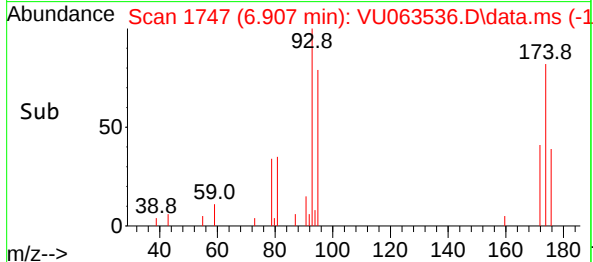
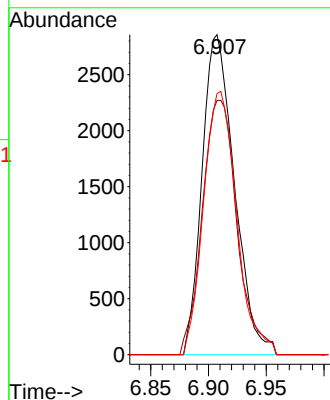
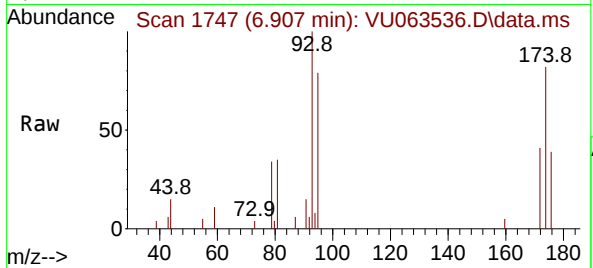




#43
Dibromomethane
Concen: 2.020 ug/l
RT: 6.907 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

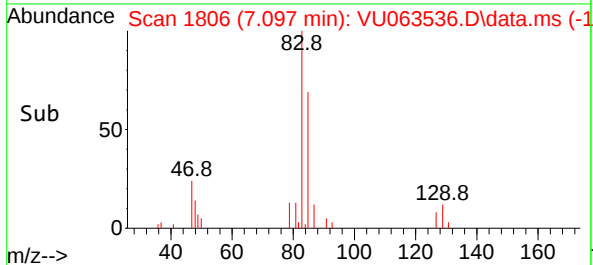
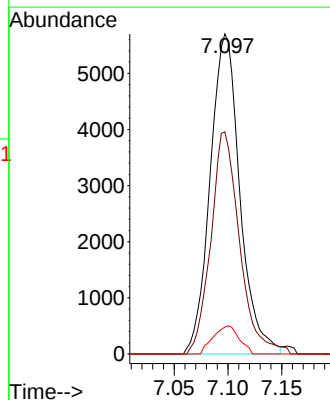
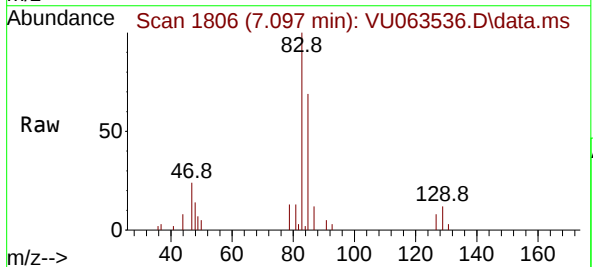
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

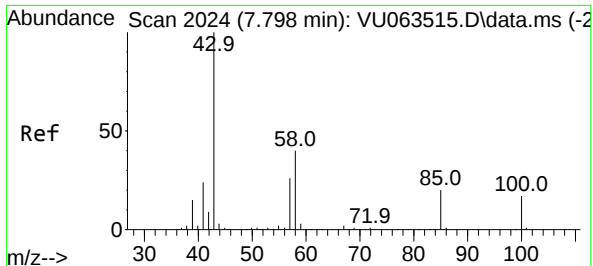
Tgt Ion: 93 Resp: 5560
Ion Ratio Lower Upper
93 100
95 85.2 67.9 101.9
174 84.0 74.6 111.8



#44
Bromodichloromethane
Concen: 1.767 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion: 83 Resp: 10964
Ion Ratio Lower Upper
83 100
85 69.4 52.7 79.1
127 8.4 8.1 12.1





#45

4-Methyl-2-Pentanone

Concen: 10.843 ug/l

RT: 7.798 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBSD02

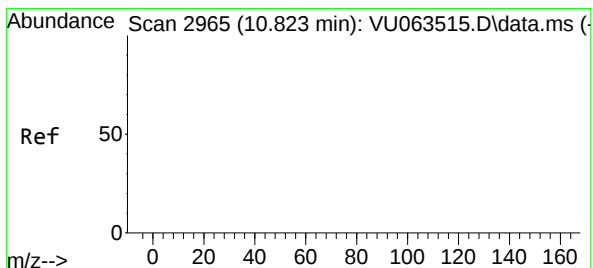
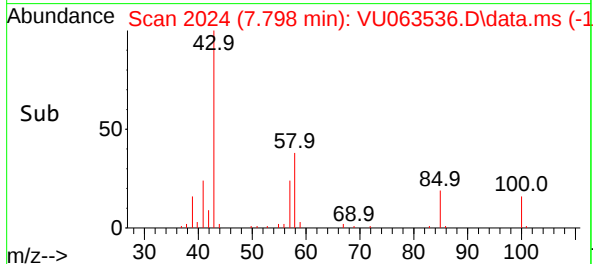
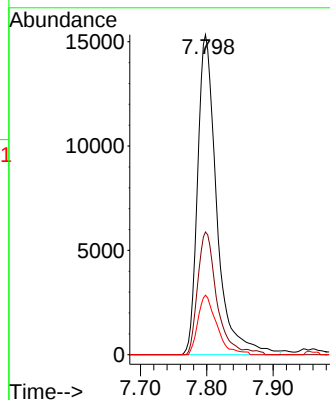
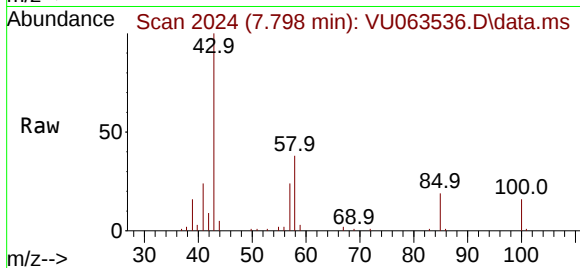
Tgt Ion: 43 Resp: 30755

Ion Ratio Lower Upper

43 100

58 37.6 20.0 60.0

85 18.3 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 9.192 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.009 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Tgt Ion: 75 Resp: 9787

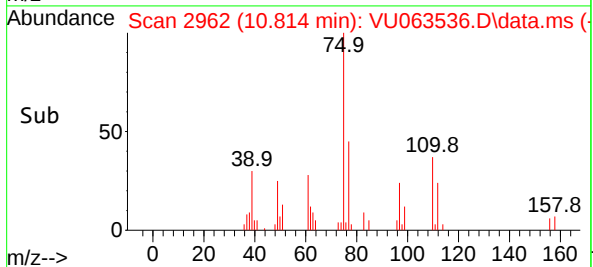
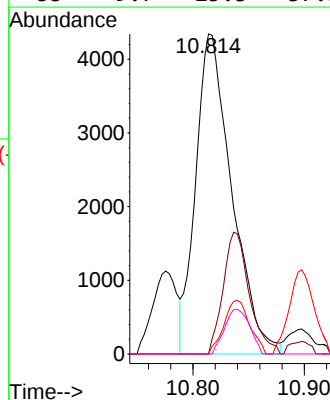
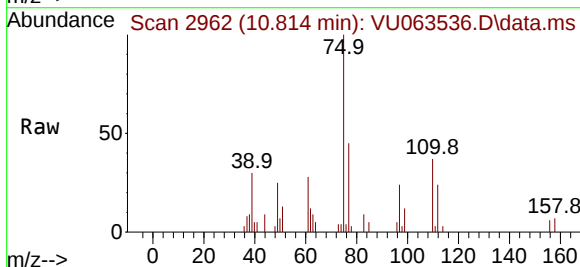
Ion Ratio Lower Upper

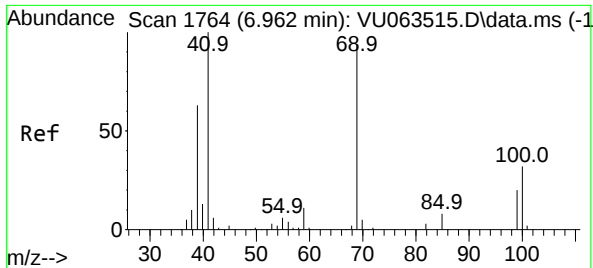
75 100

53 27.5 48.4 72.6#

89 12.0 30.6 45.8#

88 9.7 25.3 37.9#

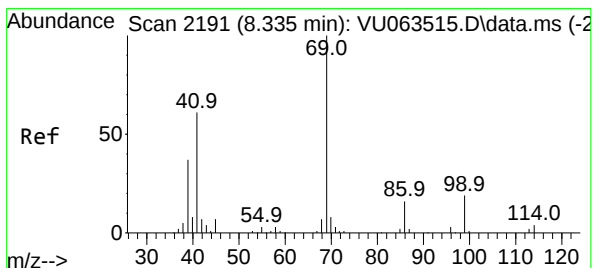
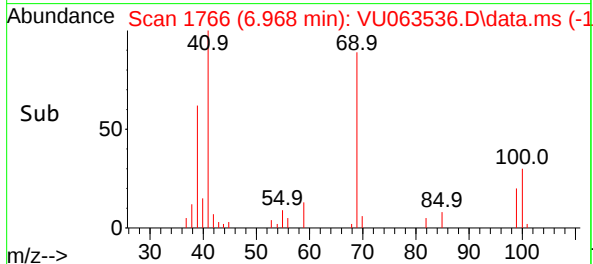
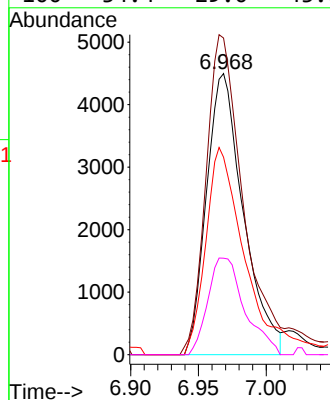
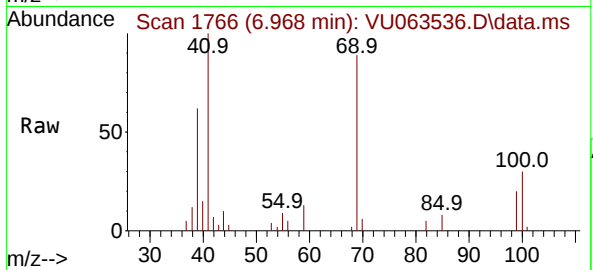




#47
Methyl methacrylate
Concen: 3.682 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.007 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

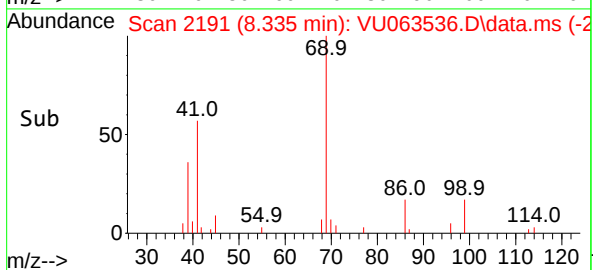
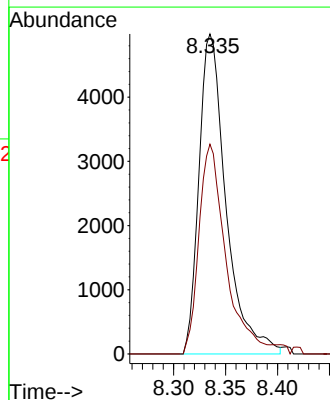
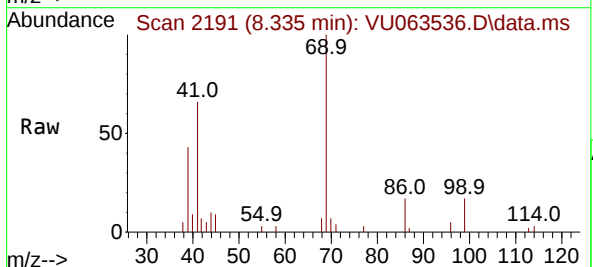
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

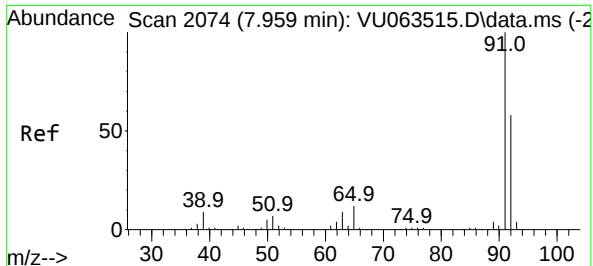
Tgt Ion:	69	Resp:	8511
Ion	Ratio	Lower	Upper
69	100		
41	122.3	0.0	224.0
39	79.1	55.3	82.9
100	34.4	29.0	43.6



#48
Ethyl methacrylate
Concen: 2.048 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion:	69	Resp:	9034
Ion	Ratio	Lower	Upper
69	100		
41	64.9	30.8	92.4





#49

Toluene

Concen: 2.094 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

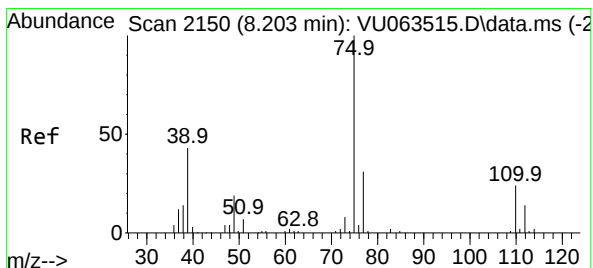
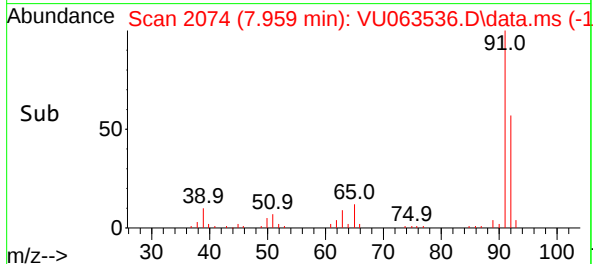
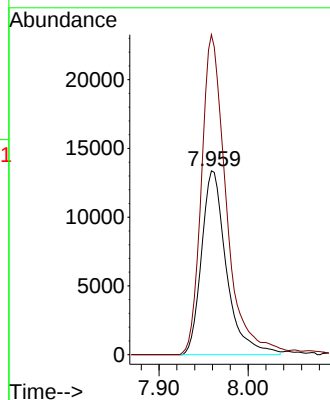
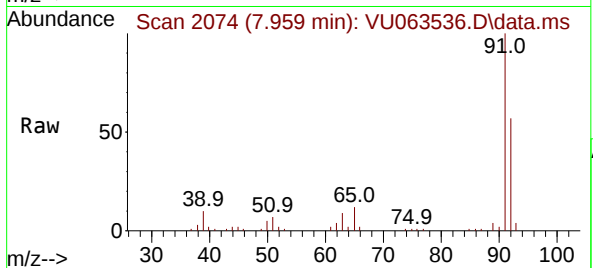
VU0718WBSD02

Tgt Ion: 92 Resp: 25956

Ion Ratio Lower Upper

92 100

91 173.6 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 1.687 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063536.D

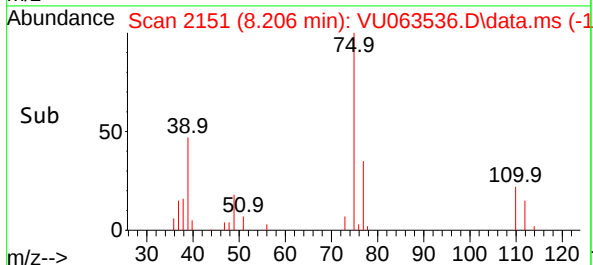
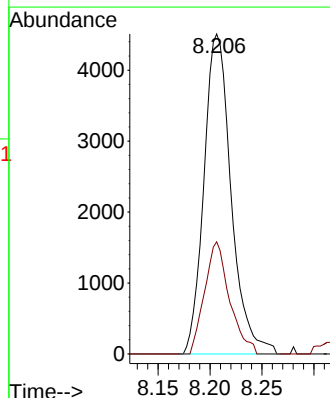
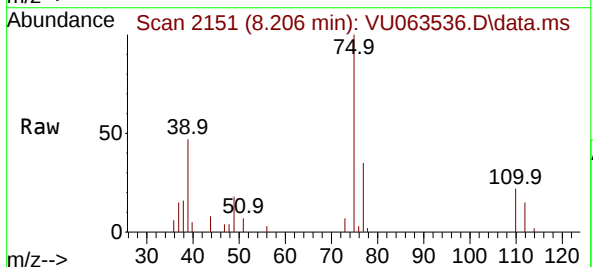
Acq: 18 Jul 2025 13:28

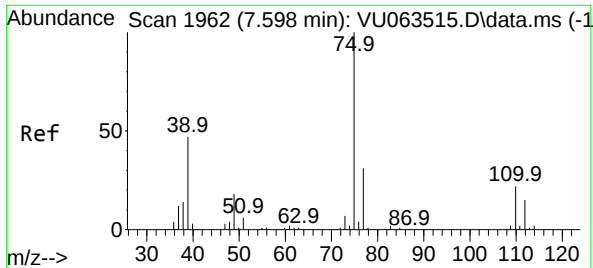
Tgt Ion: 75 Resp: 8216

Ion Ratio Lower Upper

75 100

77 35.1 24.9 37.3

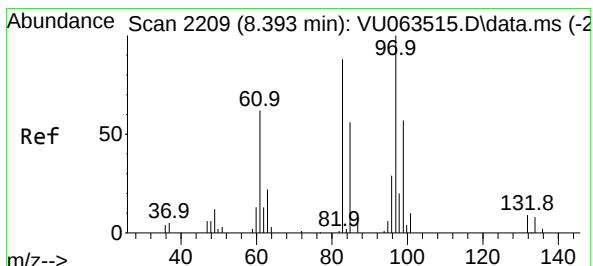
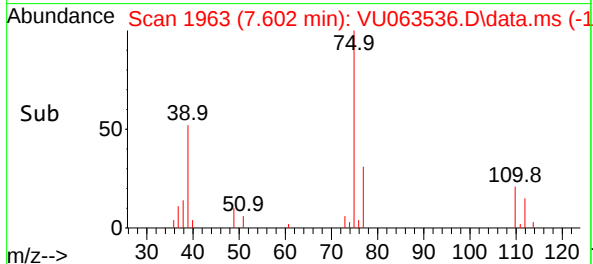
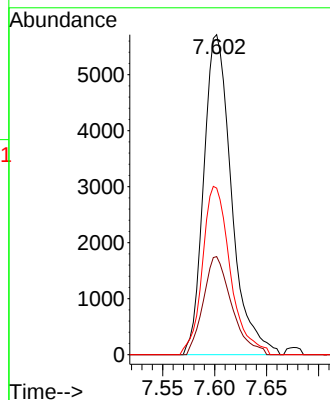
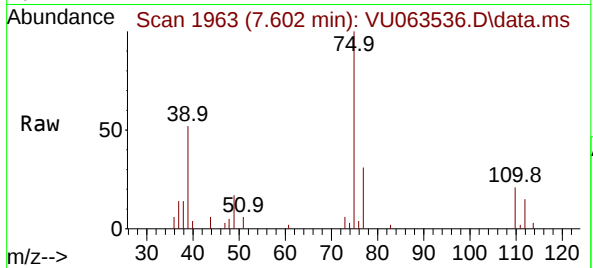




#51
 cis-1,3-Dichloropropene
 Concen: 1.627 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU063536.D
 Acq: 18 Jul 2025 13:28

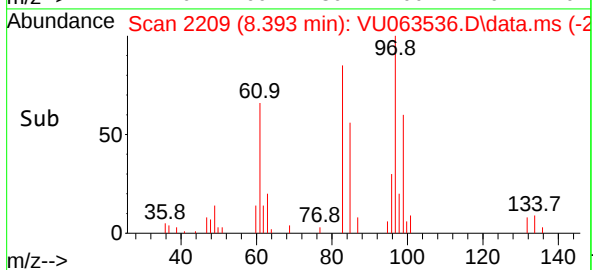
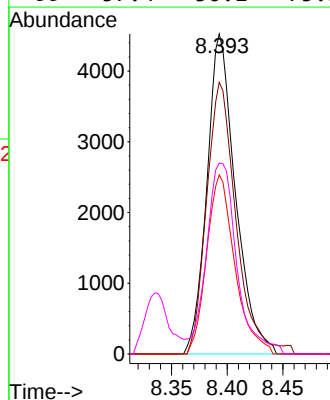
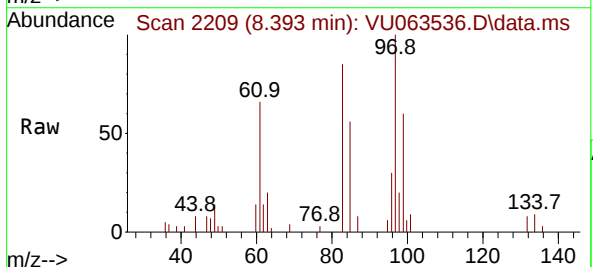
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0718WBSD02

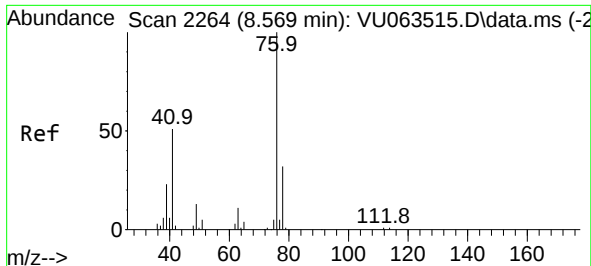
Tgt Ion:	75	Resp:	10634
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.1	37.7
39	52.0	37.8	56.6



#52
 1,1,2-Trichloroethane
 Concen: 2.172 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU063536.D
 Acq: 18 Jul 2025 13:28

Tgt Ion:	97	Resp:	8048
Ion	Ratio	Lower	Upper
97	100		
83	84.9	70.2	105.2
85	55.9	45.2	67.8
99	57.4	50.1	75.1





#53

1,3-Dichloropropane

Concen: 2.157 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

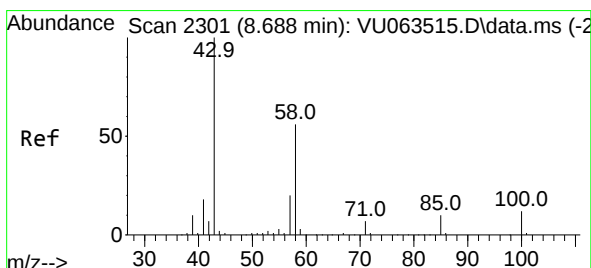
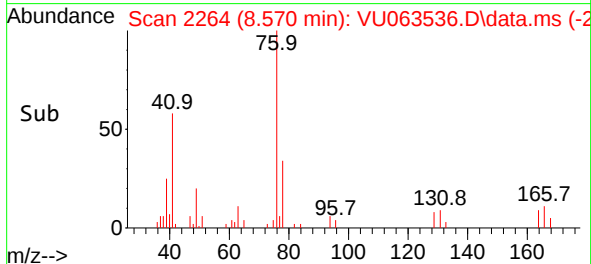
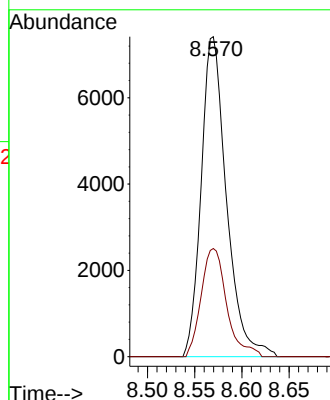
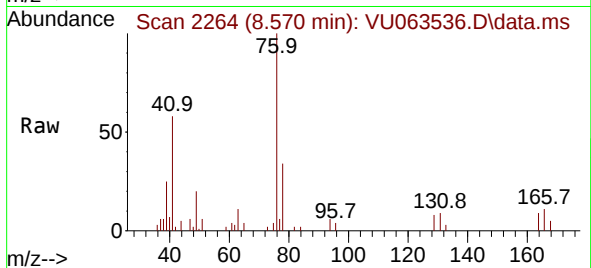
VU0718WBSD02

Tgt Ion: 76 Resp: 13796

Ion Ratio Lower Upper

76 100

78 34.1 26.0 39.0



#54

2-Hexanone

Concen: 13.065 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.003 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

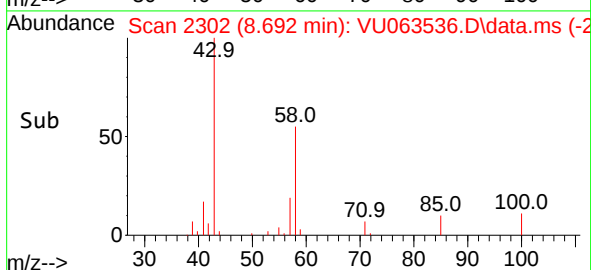
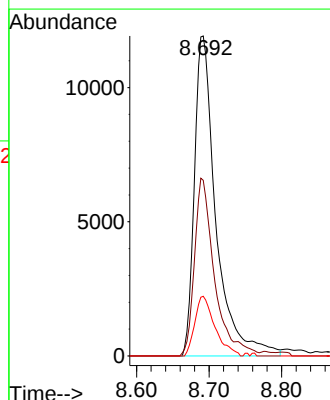
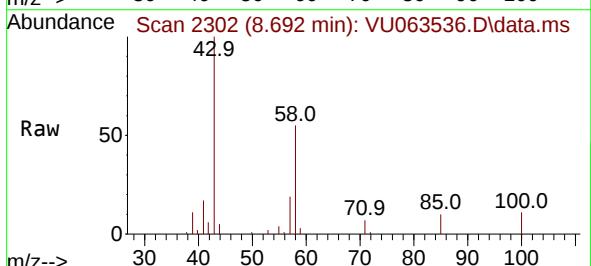
Tgt Ion: 43 Resp: 24615

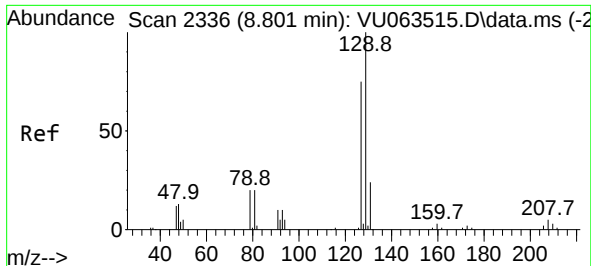
Ion Ratio Lower Upper

43 100

58 51.6 34.8 74.8

57 17.3 0.0 39.5

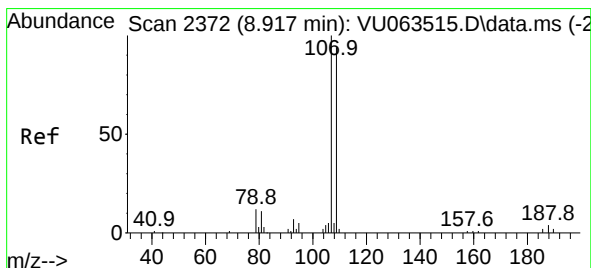
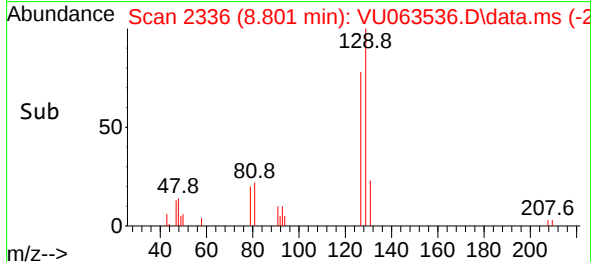
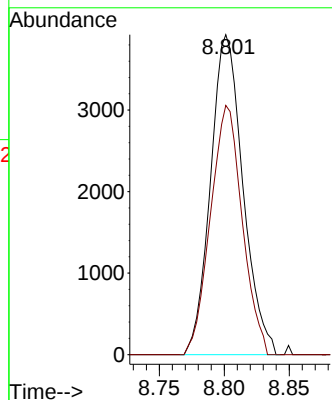
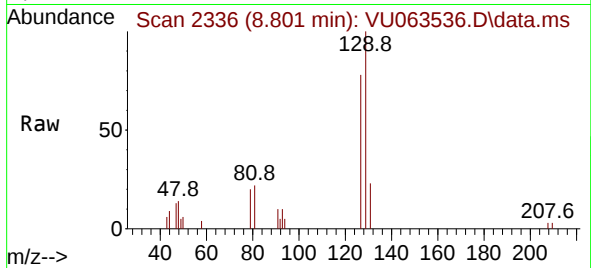




#55
Dibromochloromethane
Concen: 1.739 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

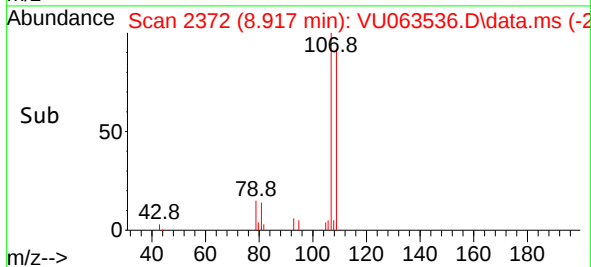
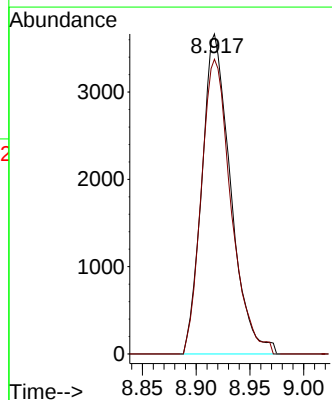
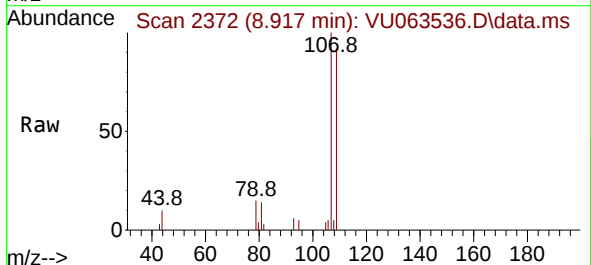
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

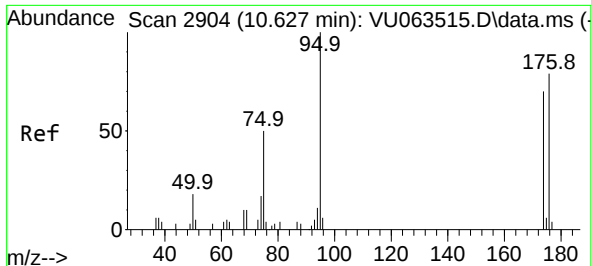
Tgt Ion:129 Resp: 6808
Ion Ratio Lower Upper
129 100
127 76.3 60.1 90.1



#56
1,2-Dibromoethane
Concen: 2.056 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion:107 Resp: 6819
Ion Ratio Lower Upper
107 100
109 95.1 0.0 186.4





#57

4-Bromofluorobenzene

Concen: 1.044 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBSD02

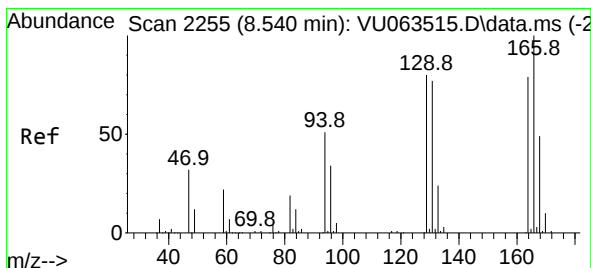
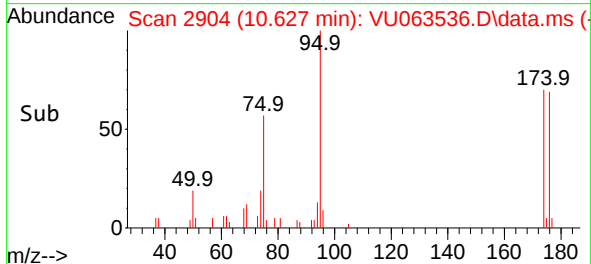
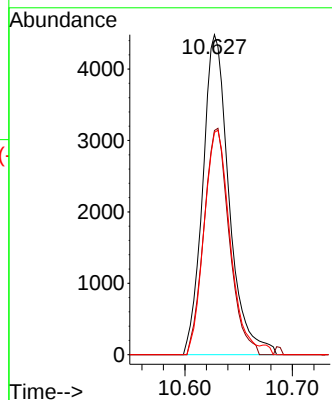
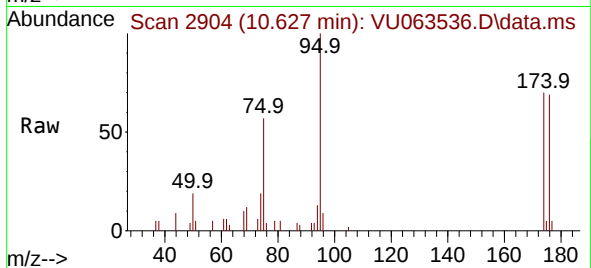
Tgt Ion: 95 Resp: 7614

Ion Ratio Lower Upper

95 100

174 68.3 59.8 89.8

176 70.3 61.8 92.8



#58

Tetrachloroethene

Concen: 1.990 ug/l

RT: 8.541 min Scan# 2255

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Tgt Ion: 164 Resp: 10549

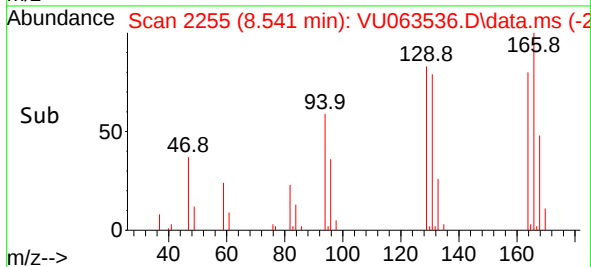
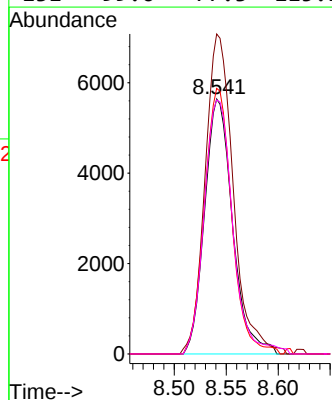
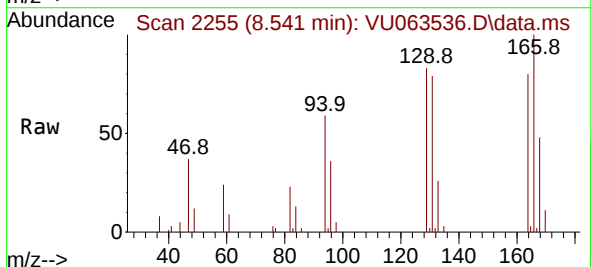
Ion Ratio Lower Upper

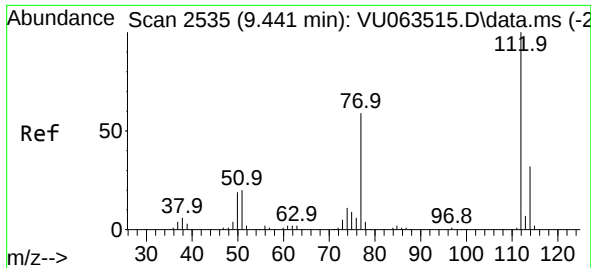
164 100

166 125.5 100.7 151.1

129 104.1 80.6 120.8

131 99.6 77.3 115.9

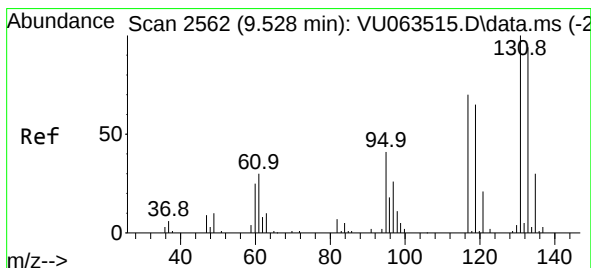
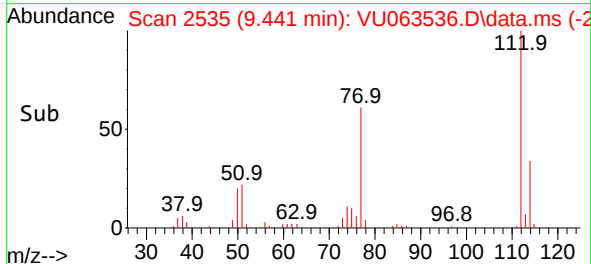
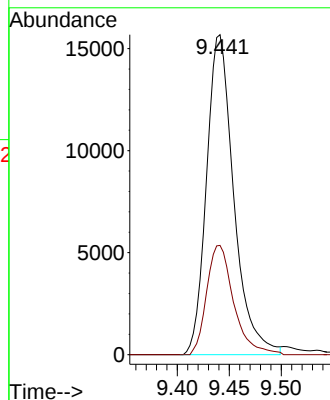
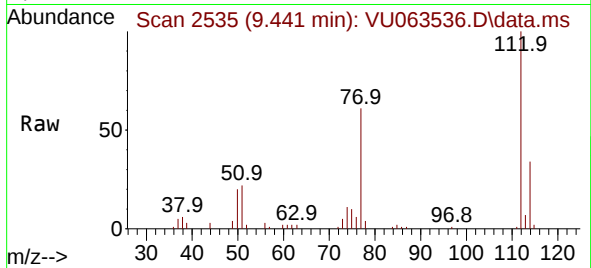




#59
Chlorobenzene
Concen: 2.012 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

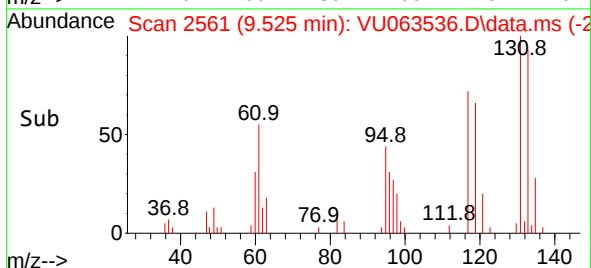
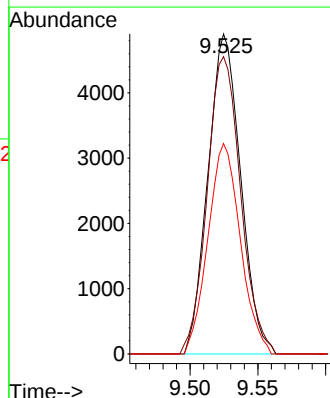
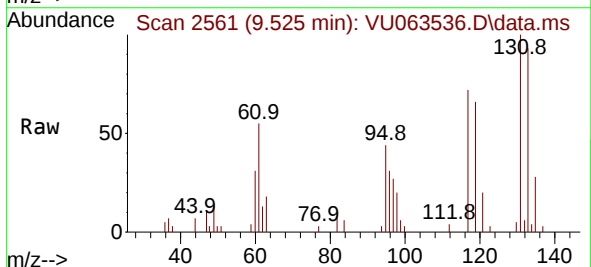
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

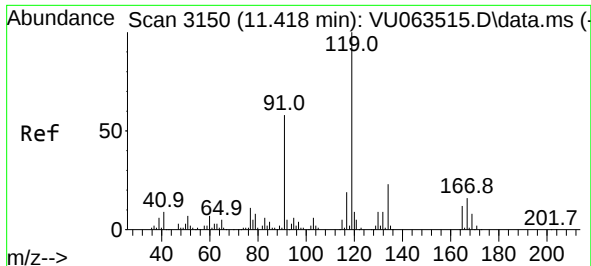
Tgt Ion:112 Resp: 28641
Ion Ratio Lower Upper
112 100
114 34.2 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 1.798 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion:131 Resp: 8230
Ion Ratio Lower Upper
131 100
133 95.2 74.7 112.1
119 65.1 53.0 79.4

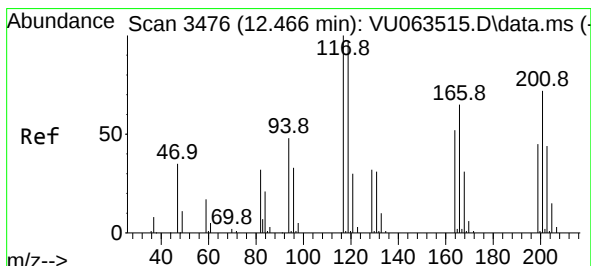
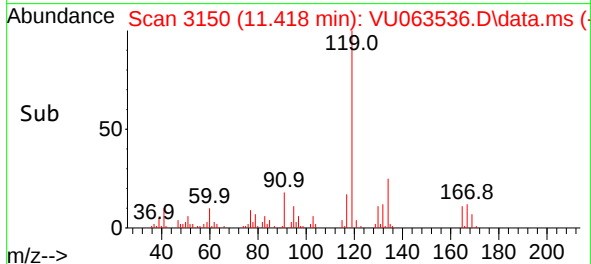
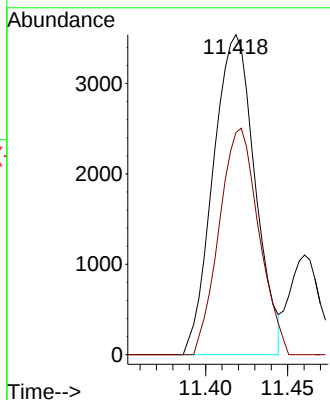
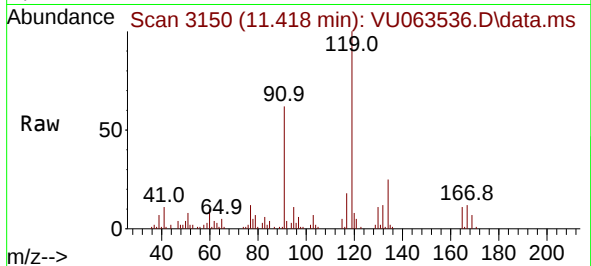




#61
 Pentachloroethane
 Concen: 1.937 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU063536.D
 Acq: 18 Jul 2025 13:28

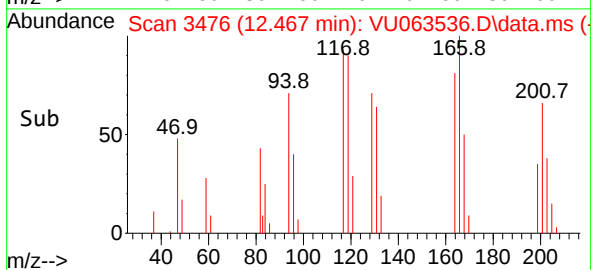
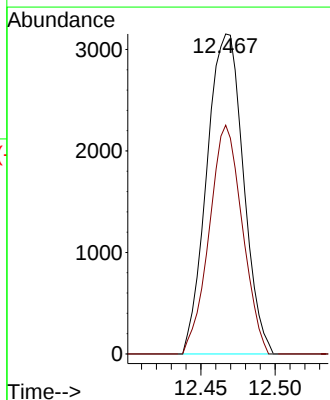
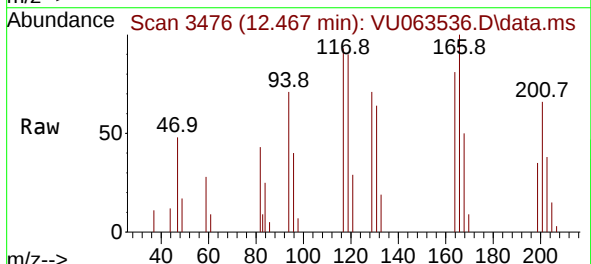
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0718WBSD02

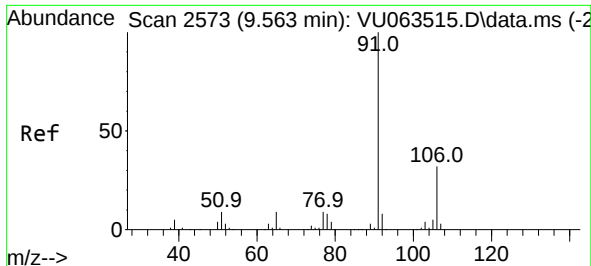
Tgt Ion:117 Resp: 6265
 Ion Ratio Lower Upper
 117 100
 167 67.0 65.0 97.6



#62
 Hexachloroethane
 Concen: 1.683 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU063536.D
 Acq: 18 Jul 2025 13:28

Tgt Ion:117 Resp: 5390
 Ion Ratio Lower Upper
 117 100
 201 64.8 57.4 86.0

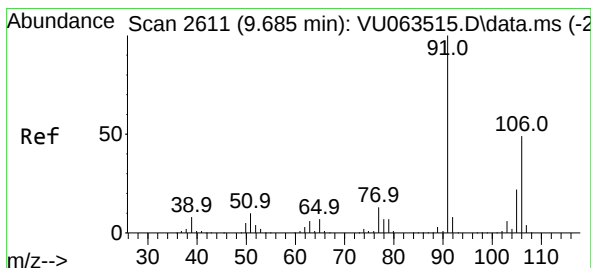
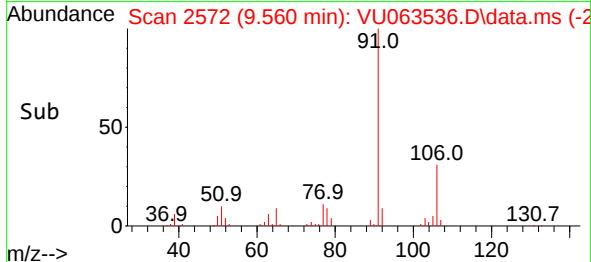
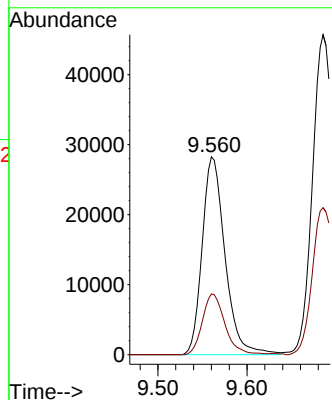
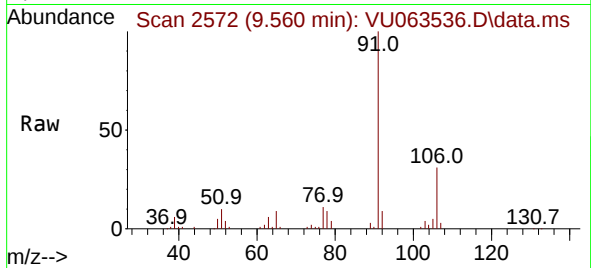




#63
Ethyl Benzene
Concen: 2.058 ug/l
RT: 9.560 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

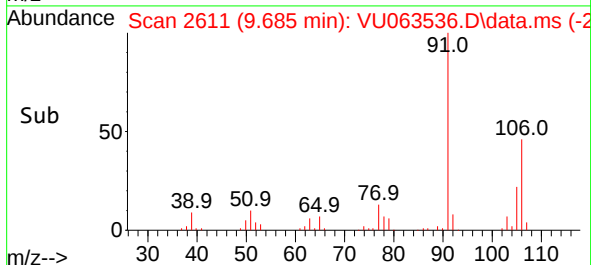
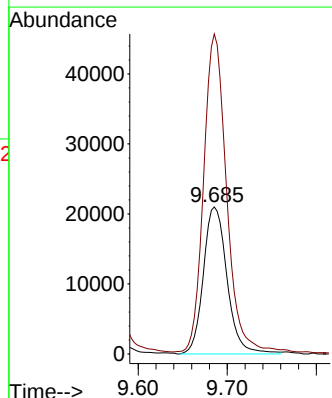
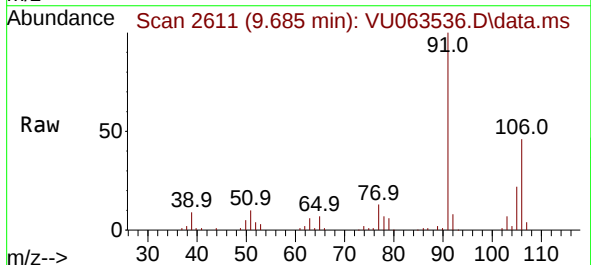
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

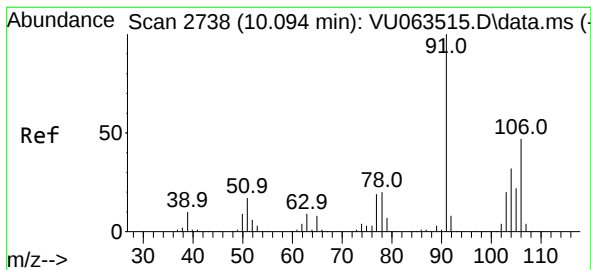
Tgt Ion: 91 Resp: 50414
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0



#64
m/p-Xylenes
Concen: 4.081 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion:106 Resp: 38857
Ion Ratio Lower Upper
106 100
91 209.6 163.6 245.4





#65

o-Xylene

Concen: 2.113 ug/l

RT: 10.091 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

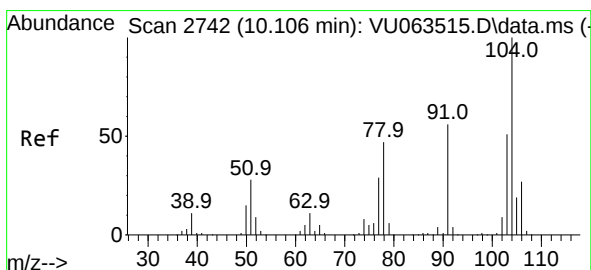
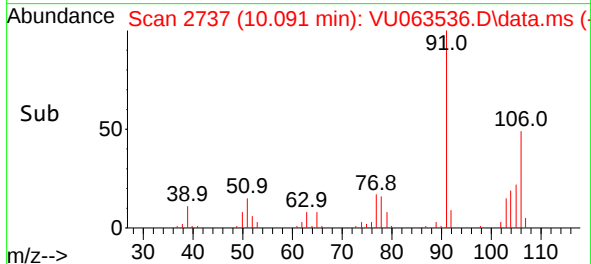
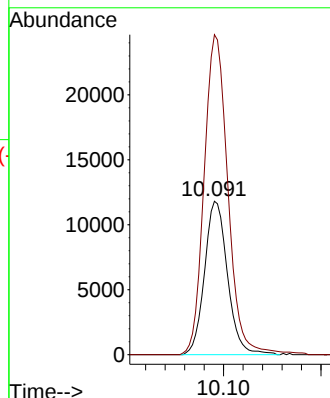
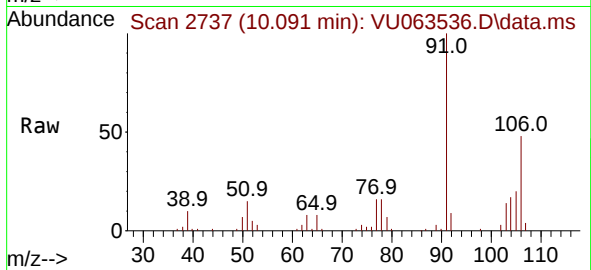
VU0718WBSD02

Tgt Ion:106 Resp: 19332

Ion Ratio Lower Upper

106 100

91 216.3 108.1 324.4



#66

Styrene

Concen: 2.108 ug/l

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

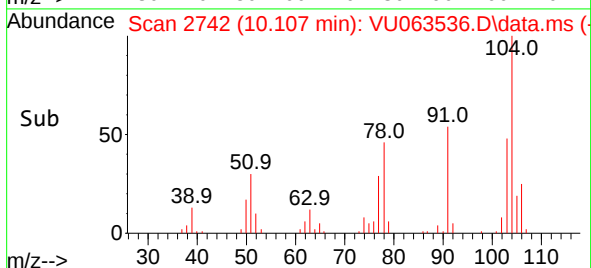
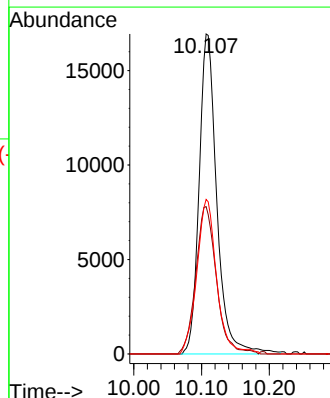
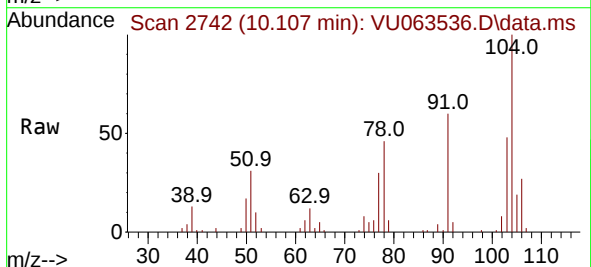
Tgt Ion:104 Resp: 30736

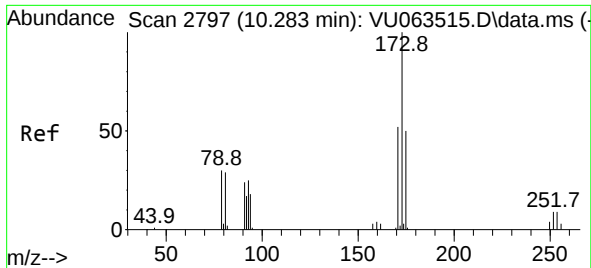
Ion Ratio Lower Upper

104 100

78 53.5 41.3 61.9

103 54.1 43.6 65.4

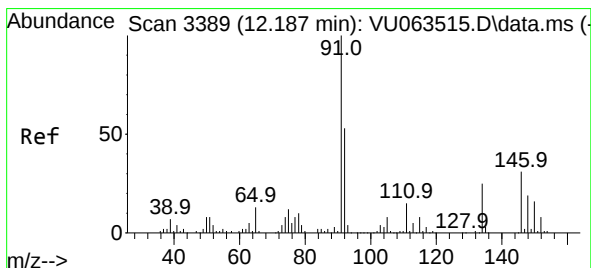
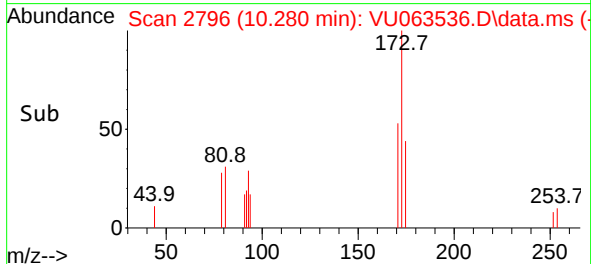
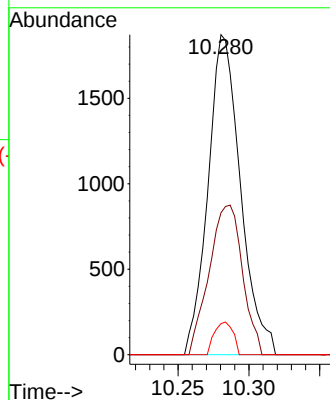
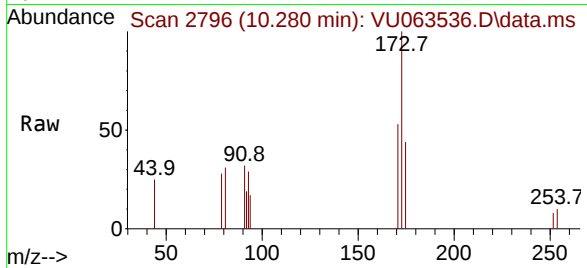




#67
Bromoform
Concen: 1.481 ug/l
RT: 10.280 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

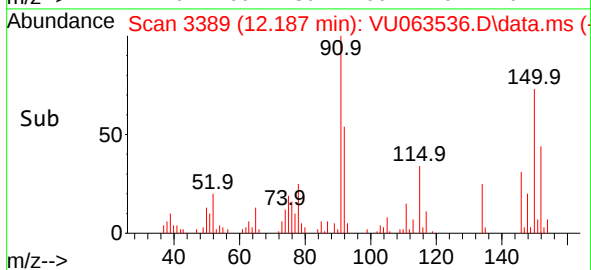
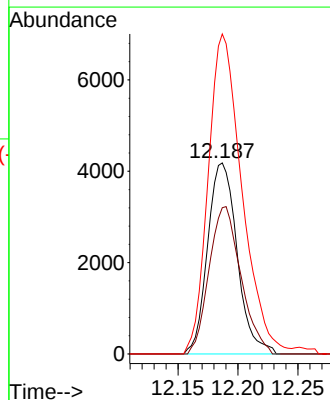
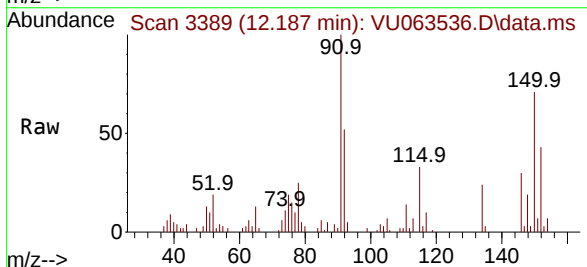
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

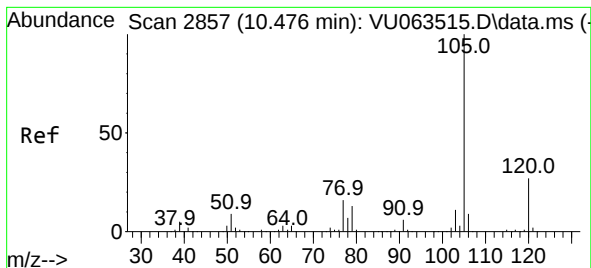
Tgt Ion:173 Resp: 2978
Ion Ratio Lower Upper
173 100
175 47.9 39.0 58.4
254 5.8 6.5 9.7#



#68
1,2-Dichlorobenzene-d4
Concen: 1.061 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion:152 Resp: 7156
Ion Ratio Lower Upper
152 100
115 83.0 0.0 262.2
150 191.6 0.0 651.2





#69

Isopropylbenzene

Concen: 2.111 ug/l

RT: 10.476 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

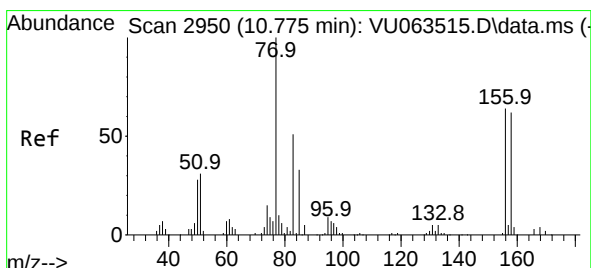
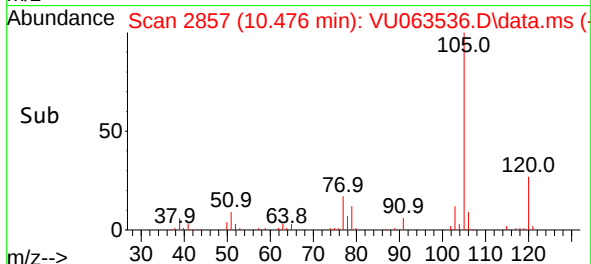
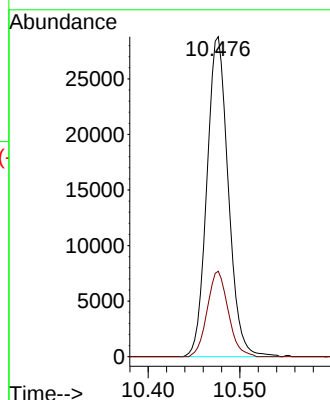
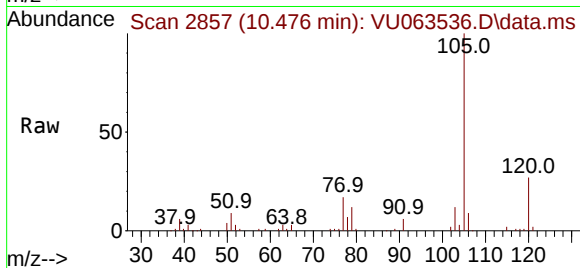
VU0718WBSD02

Tgt Ion:105 Resp: 46699

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 2.143 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

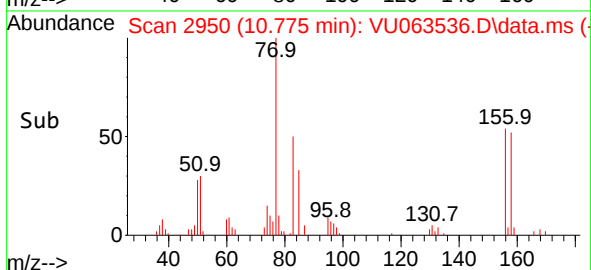
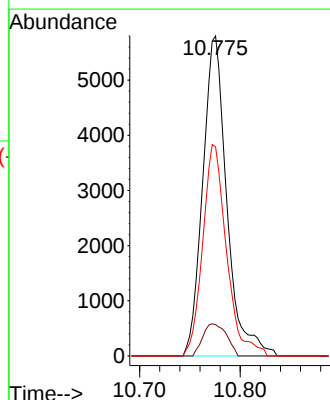
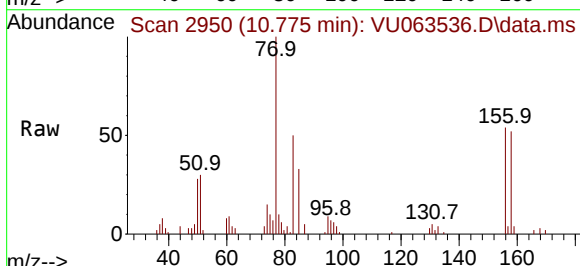
Tgt Ion: 83 Resp: 9660

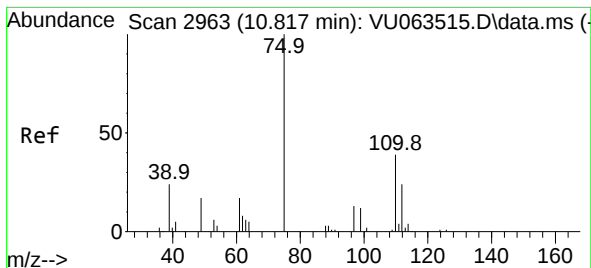
Ion Ratio Lower Upper

83 100

131 9.9 8.4 12.6

85 65.2 51.9 77.9

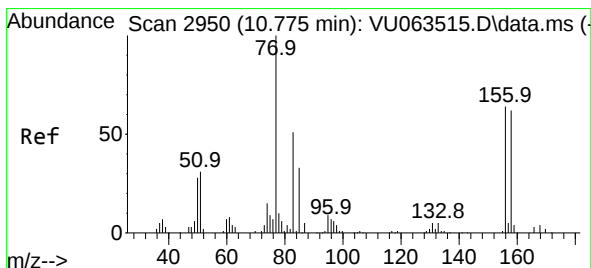
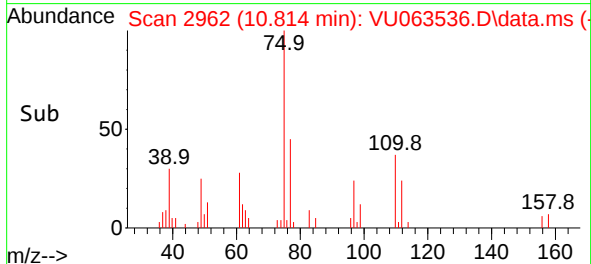
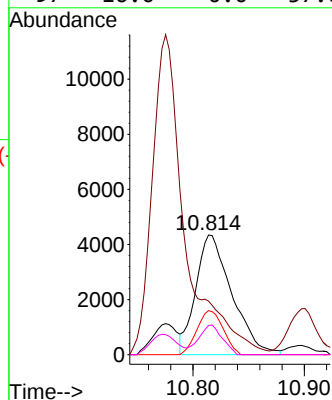
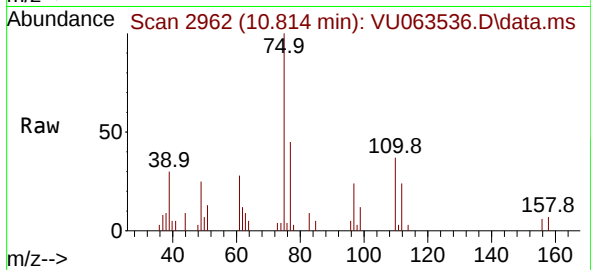




#71
1,2,3-Trichloropropane
Concen: 2.673 ug/l
RT: 10.814 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

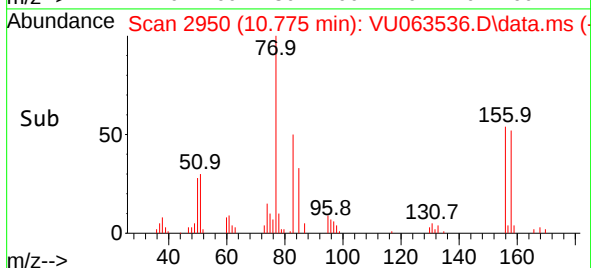
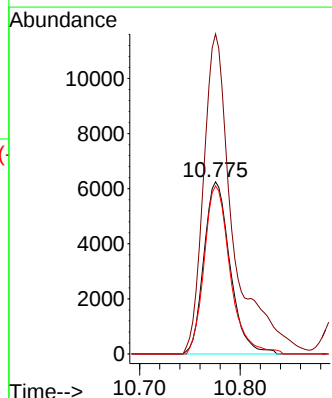
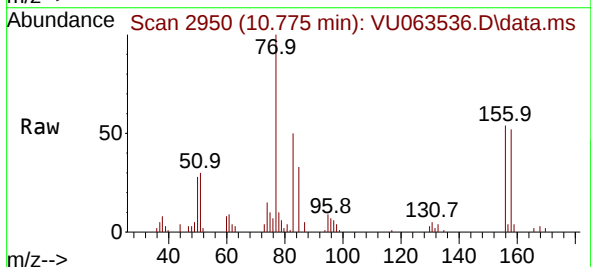
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

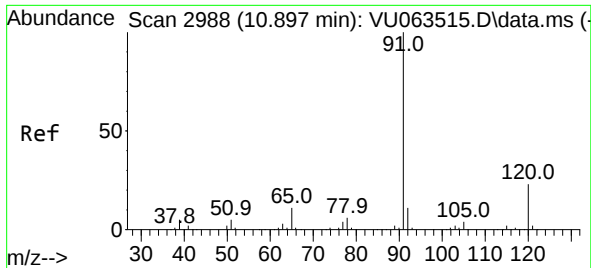
Tgt Ion:	75	Resp:	9787
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	26.6	0.0	73.2
97	16.0	0.0	37.6



#72
Bromobenzene
Concen: 1.979 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion:	156	Resp:	11298
Ion	Ratio	Lower	Upper
156	100		
77	210.3	0.0	315.2
158	96.8	0.0	195.4

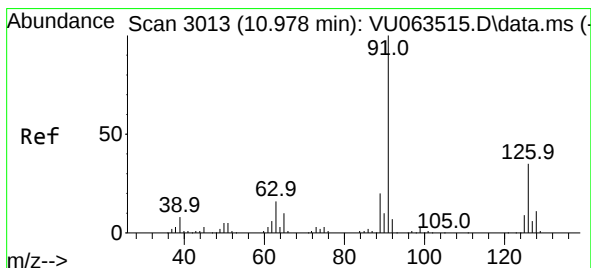
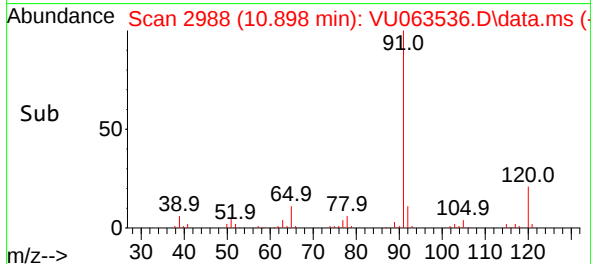
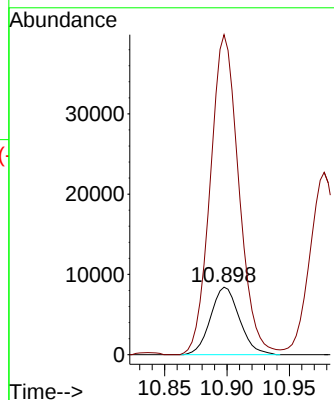
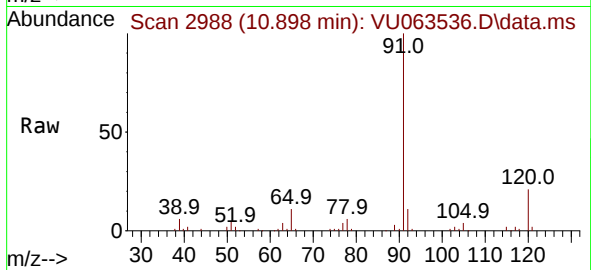




#73
n-propylbenzene
Concen: 2.038 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

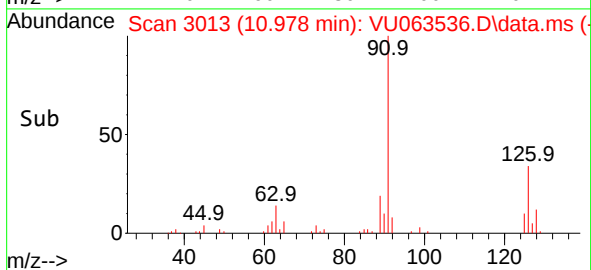
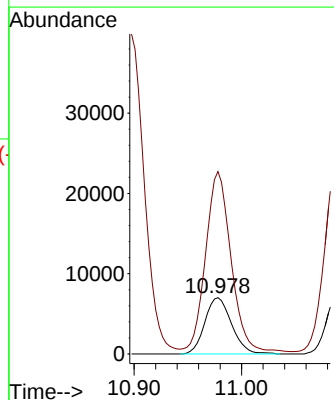
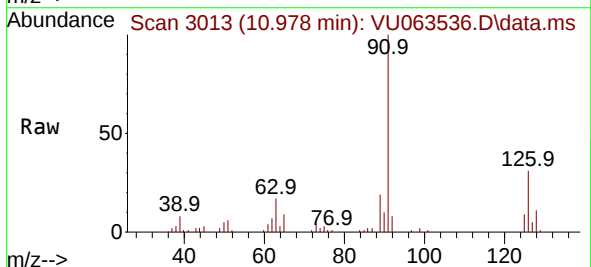
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

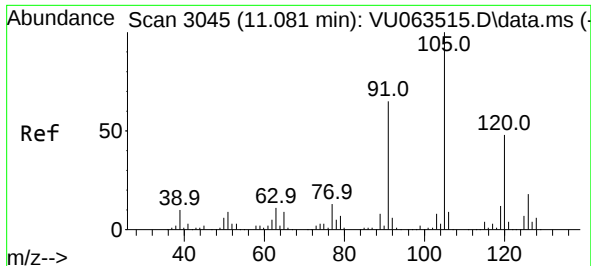
Tgt Ion:120 Resp: 13570
Ion Ratio Lower Upper
120 100
91 469.5 343.1 514.7



#74
2-Chlorotoluene
Concen: 2.058 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion:126 Resp: 12112
Ion Ratio Lower Upper
126 100
91 312.1 0.0 606.0

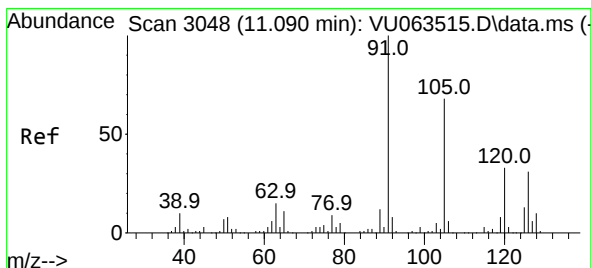
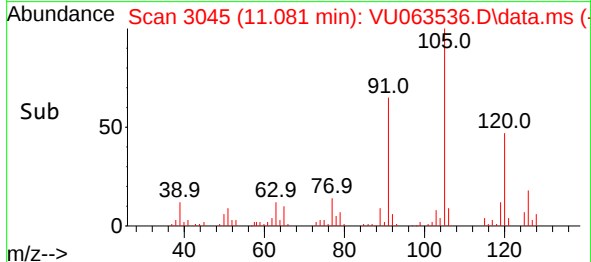
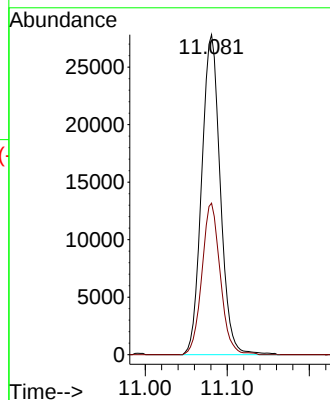
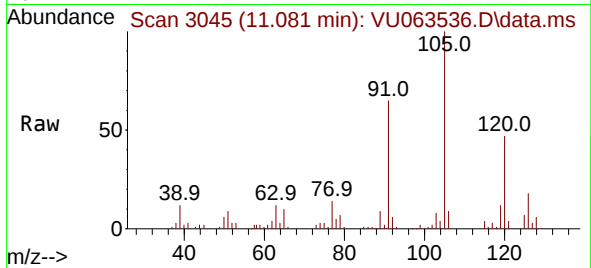




#75
1,3,5-Trimethylbenzene
Concen: 2.078 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

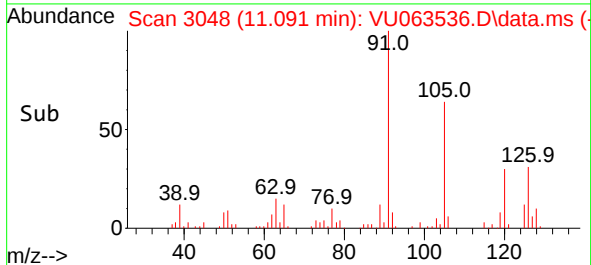
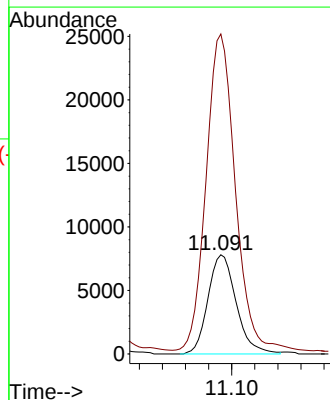
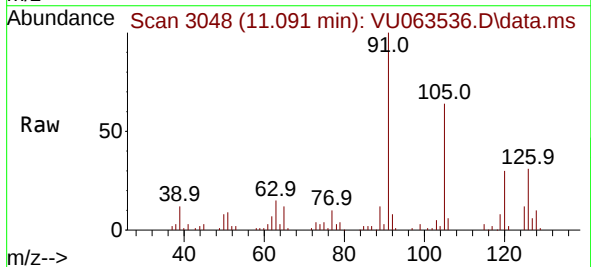
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

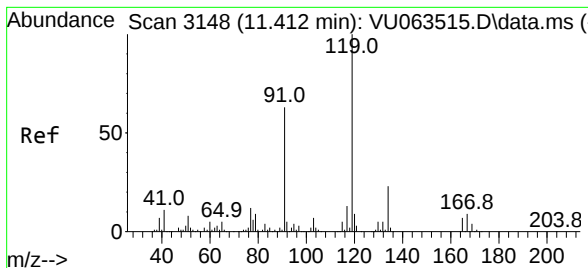
Tgt Ion:105 Resp: 43903
Ion Ratio Lower Upper
105 100
120 46.7 37.8 56.8



#76
4-Chlorotoluene
Concen: 2.215 ug/l
RT: 11.091 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion:126 Resp: 13235
Ion Ratio Lower Upper
126 100
91 335.3 0.0 682.2





#77

tert-Butylbenzene

Concen: 2.072 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBSD02

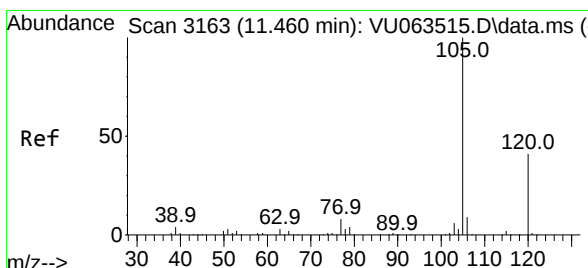
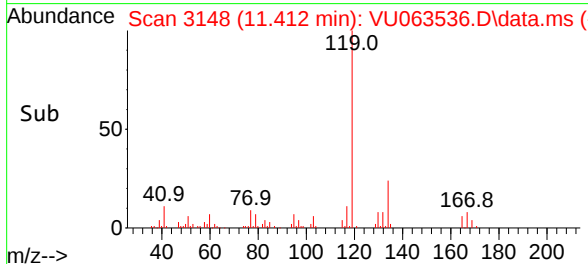
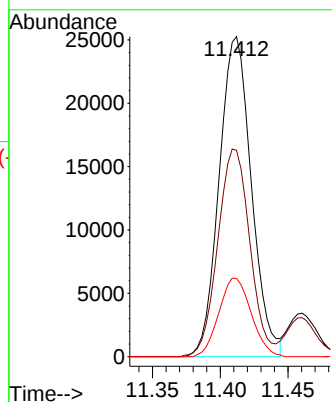
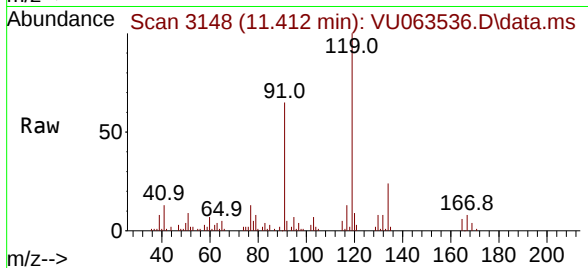
Tgt Ion:119 Resp: 41833

Ion Ratio Lower Upper

119 100

91 64.6 30.7 92.1

134 24.5 18.5 27.7



#78

1,2,4-Trimethylbenzene

Concen: 2.075 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU063536.D

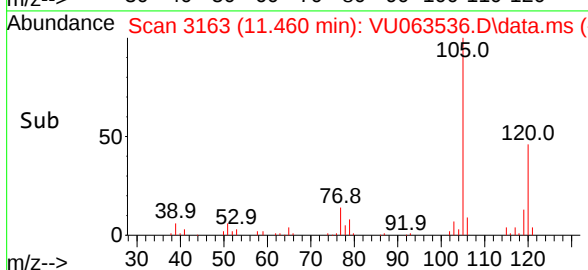
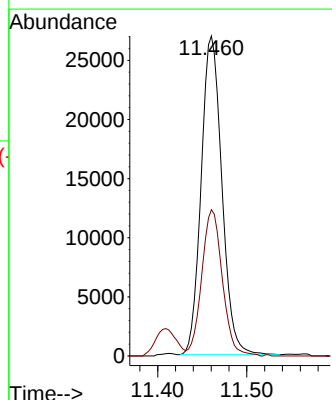
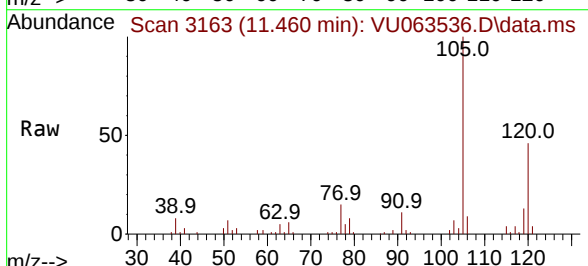
Acq: 18 Jul 2025 13:28

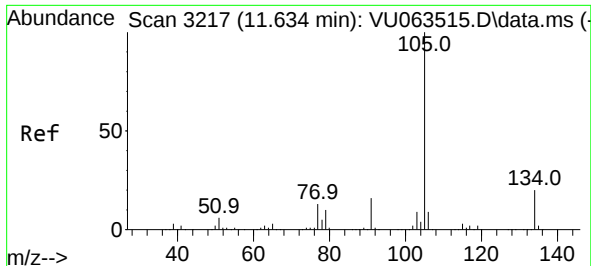
Tgt Ion:105 Resp: 43487

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.0





#79

sec-Butylbenzene

Concen: 2.171 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

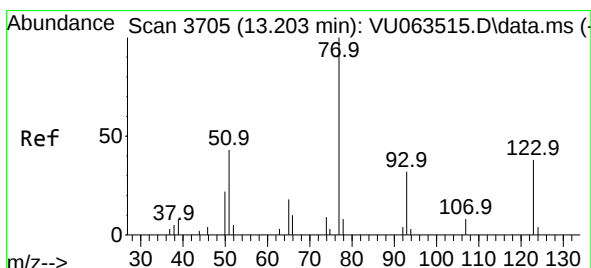
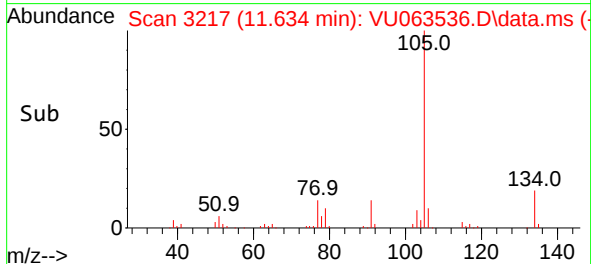
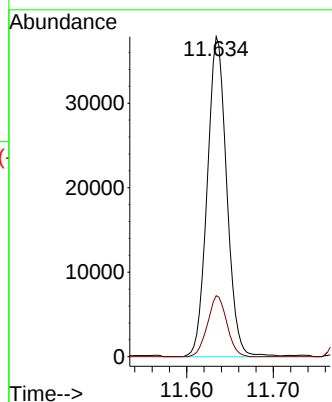
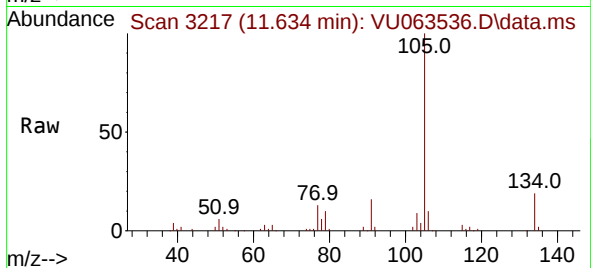
VU0718WBSD02

Tgt Ion:105 Resp: 59111

Ion Ratio Lower Upper

105 100

134 18.9 16.2 24.4



#80

Nitrobenzene

Concen: 6.925 ug/l

RT: 13.209 min Scan# 3707

Delta R.T. 0.006 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

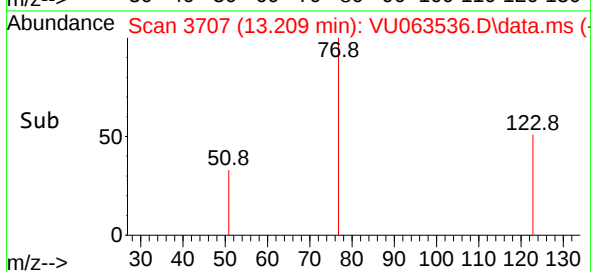
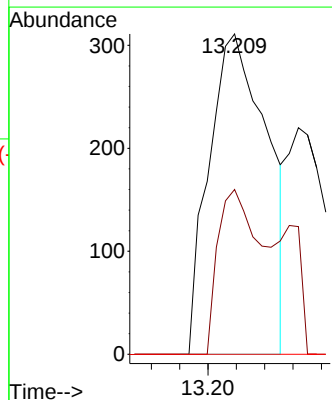
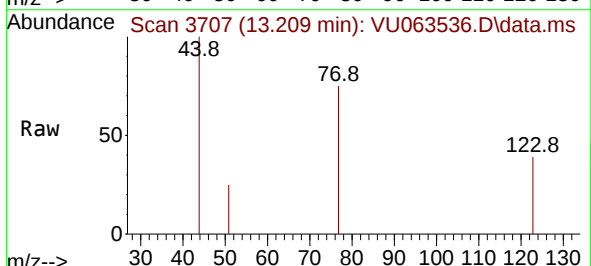
Tgt Ion: 77 Resp: 443

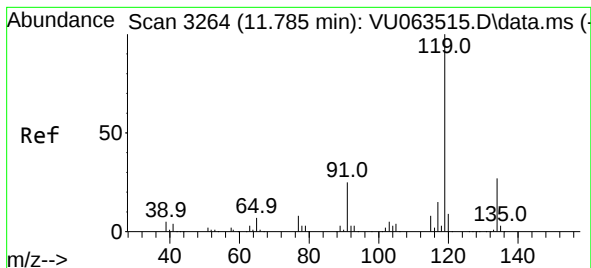
Ion Ratio Lower Upper

77 100

123 38.1 16.9 59.7

65 0.0 16.5 20.9#

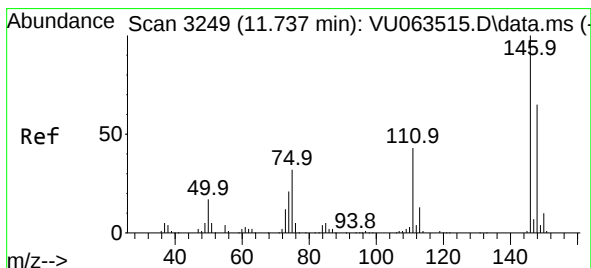
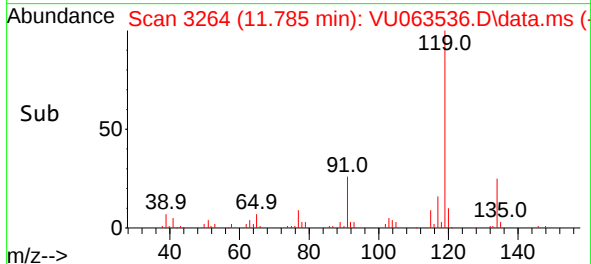
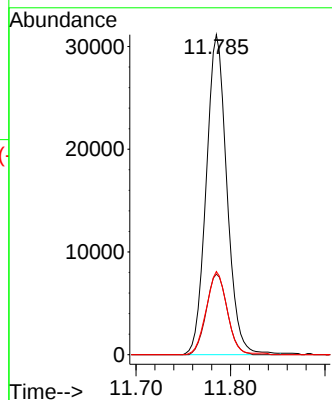
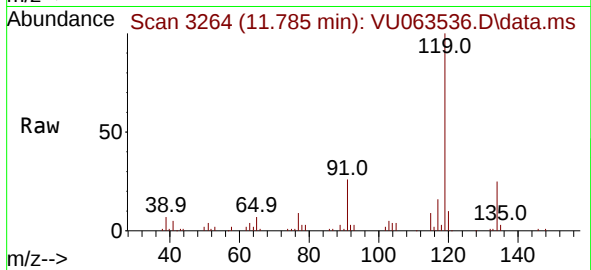




#81
p-Isopropyltoluene
Concen: 2.083 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

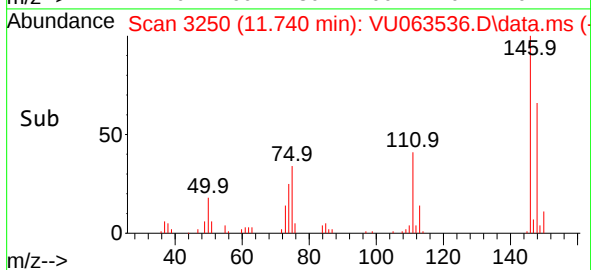
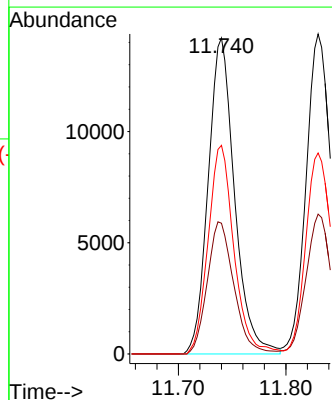
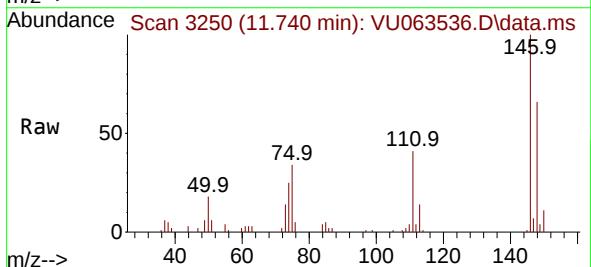
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

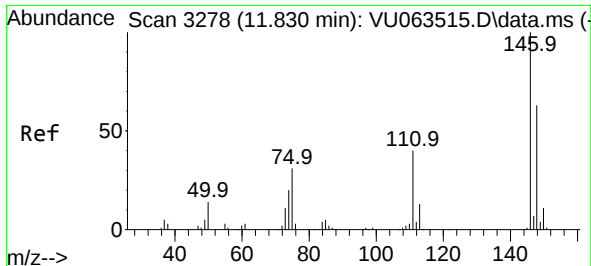
Tgt Ion:119 Resp: 47339
Ion Ratio Lower Upper
119 100
134 25.5 21.1 31.7
91 26.1 19.8 29.8



#82
1,3-Dichlorobenzene
Concen: 2.119 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion:146 Resp: 24202
Ion Ratio Lower Upper
146 100
111 42.1 33.8 50.6
148 64.8 51.5 77.3

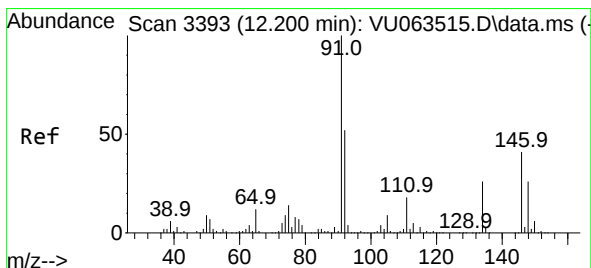
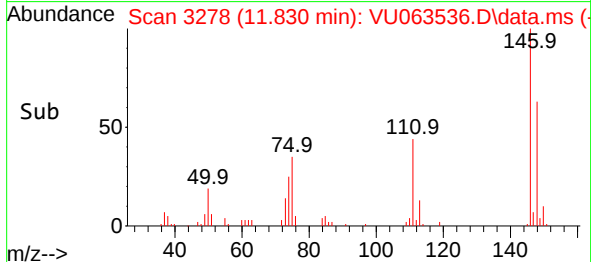
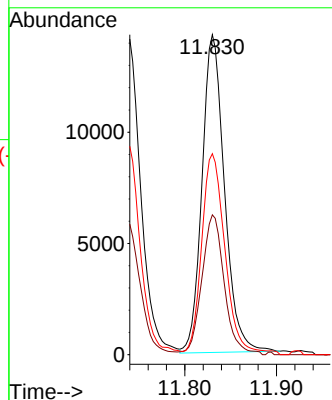
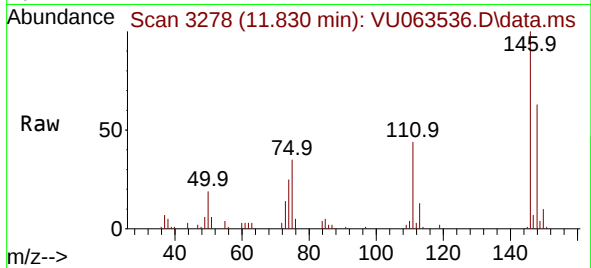




#83
1,4-Dichlorobenzene
Concen: 2.125 ug/l
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

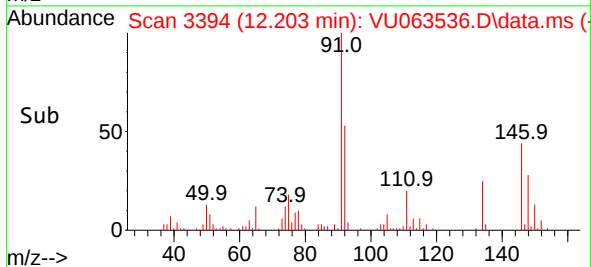
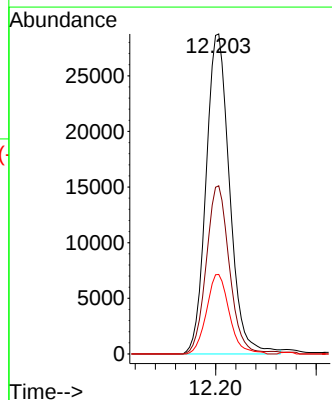
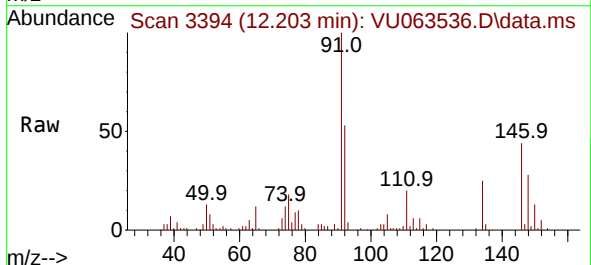
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

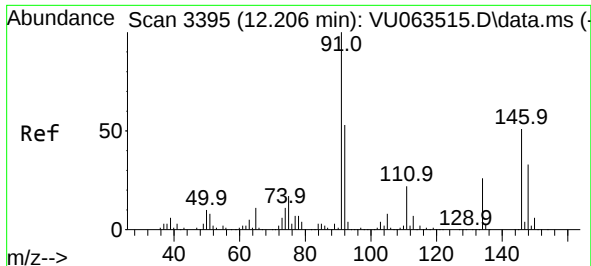
Tgt Ion:146 Resp: 24293
Ion Ratio Lower Upper
146 100
111 44.0 32.0 48.0
148 66.1 50.2 75.2



#84
n-Butylbenzene
Concen: 2.220 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion: 91 Resp: 46810
Ion Ratio Lower Upper
91 100
92 51.5 41.5 62.3
134 24.1 20.6 30.8

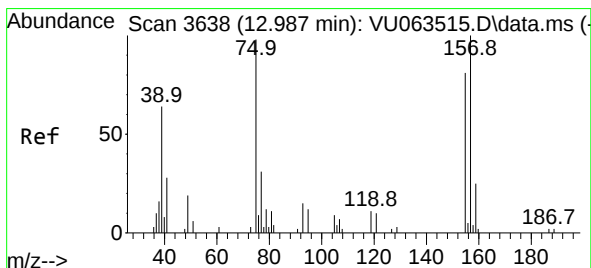
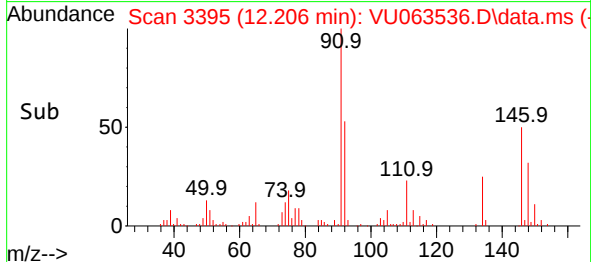
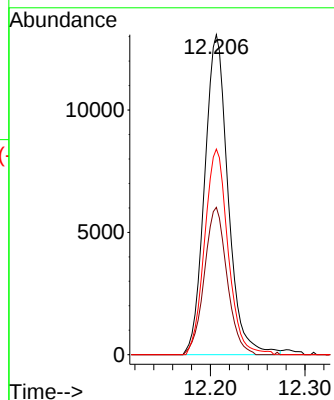
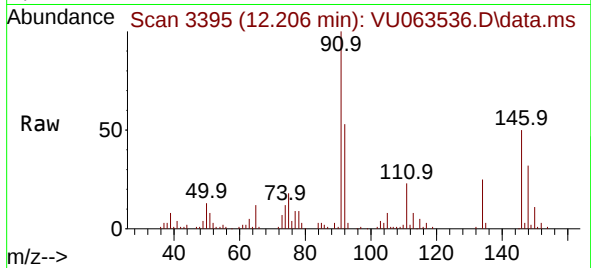




#85
 1,2-Dichlorobenzene
 Concen: 2.102 ug/l
 RT: 12.206 min Scan# 3395
 Delta R.T. 0.000 min
 Lab File: VU063536.D
 Acq: 18 Jul 2025 13:28

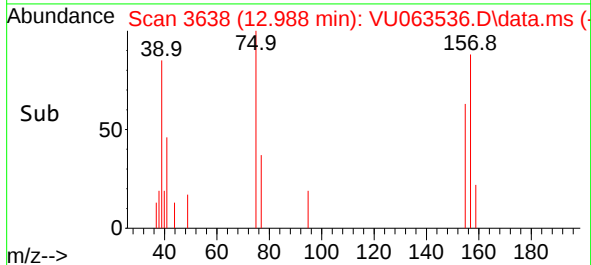
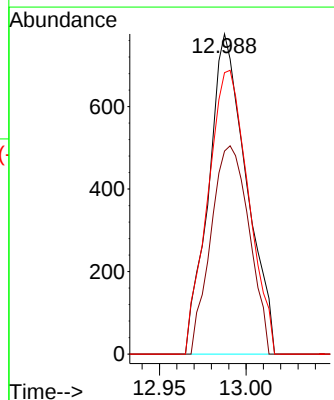
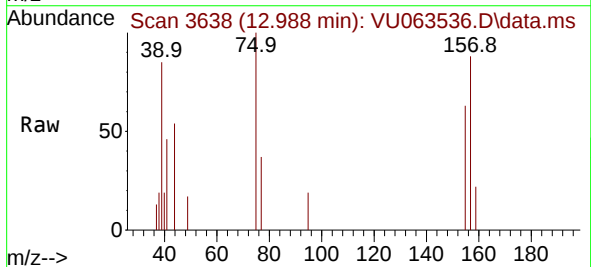
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0718WBSD02

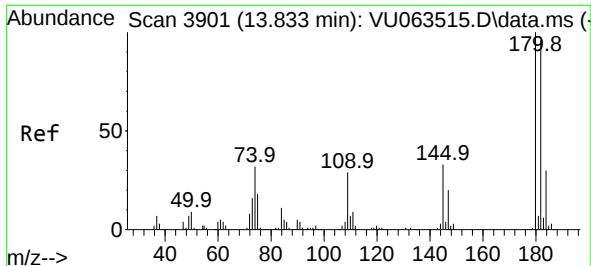
Tgt Ion:	146	Resp:	22553
Ion Ratio	Lower	Upper	
146	100		
111	44.7	21.7	65.1
148	64.3	31.8	95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.002 ug/l
 RT: 12.988 min Scan# 3638
 Delta R.T. 0.001 min
 Lab File: VU063536.D
 Acq: 18 Jul 2025 13:28

Tgt Ion:	75	Resp:	1179
Ion Ratio	Lower	Upper	
75	100		
155	65.8	65.8	98.6
157	95.0	81.4	122.2

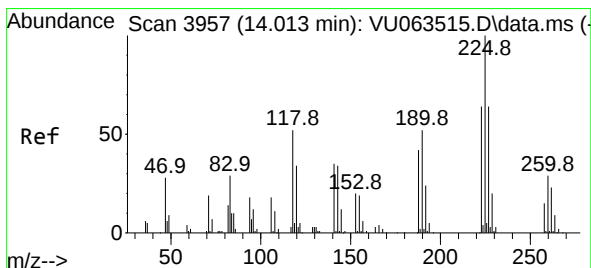
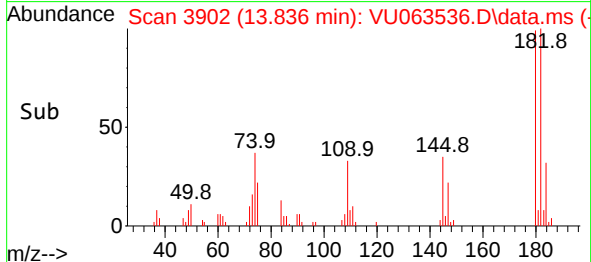
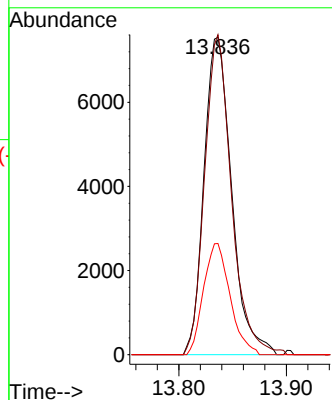
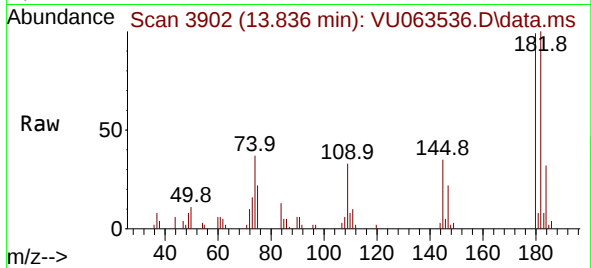




#87
1,2,4-Trichlorobenzene
Concen: 2.016 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

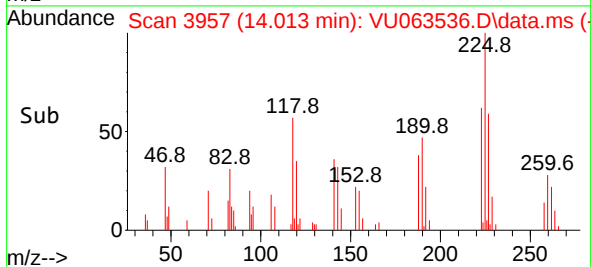
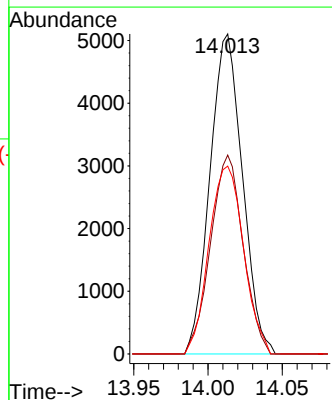
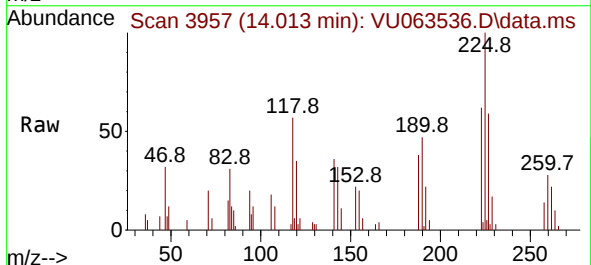
Instrument :
MSVOA_U
ClientSampleId :
VU0718WBSD02

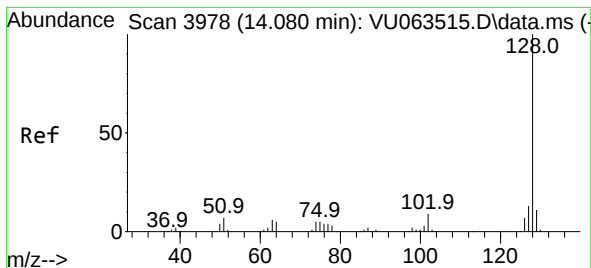
Tgt Ion:180 Resp: 13450
Ion Ratio Lower Upper
180 100
182 97.9 76.2 114.4
145 33.6 26.2 39.2



#88
Hexachlorobutadiene
Concen: 2.048 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU063536.D
Acq: 18 Jul 2025 13:28

Tgt Ion:225 Resp: 7762
Ion Ratio Lower Upper
225 100
223 62.4 50.8 76.2
227 62.6 51.0 76.6





#89

Naphthalene

Concen: 2.106 ug/l

RT: 14.084 min Scan# 3978

Delta R.T. 0.004 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

VU0718WBSD02

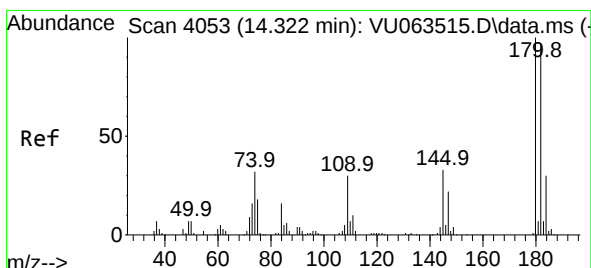
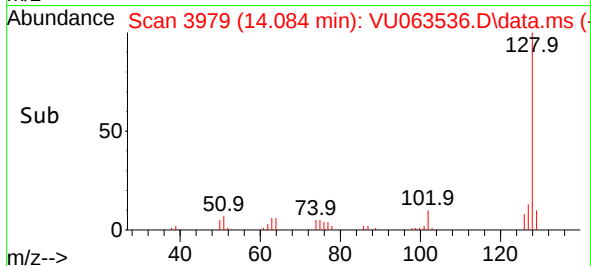
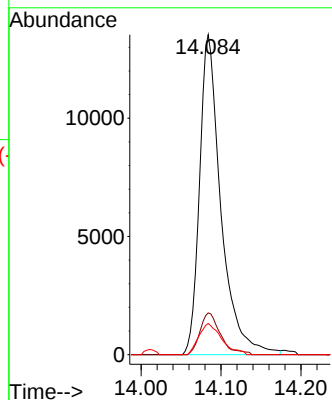
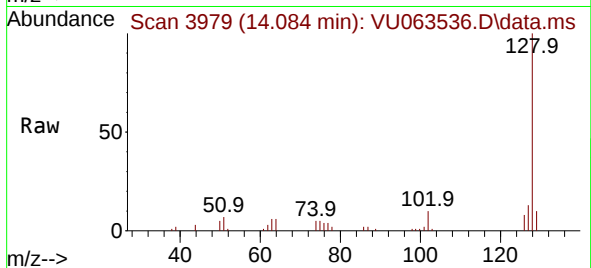
Tgt Ion:128 Resp: 25184

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.4 8.8 13.2



#90

1,2,3-Trichlorobenzene

Concen: 2.080 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU063536.D

Acq: 18 Jul 2025 13:28

Tgt Ion:180 Resp: 12827

Ion Ratio Lower Upper

180 100

182 96.9 78.0 117.0

145 32.9 27.3 40.9

