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 Data File : VU063441.D
 Acq On : 24 Jun 2025 16:53
 Operator : MD/SY
 Sample : VU0624WBSD02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBSD02

Quant Time: Jun 25 06:28:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	46073	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	17902	1.058	ug/l	0.00
Spiked Amount	1.000		Recovery	= 106.000%		
68) 1,2-Dichlorobenzene-d4	12.187	152	18449	1.086	ug/l	0.00
Spiked Amount	1.000		Recovery	= 109.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	38170	2.157	ug/l	98
3) Chloromethane	1.518	50	48186	2.067	ug/l	99
4) Vinyl Chloride	1.599	62	43641	2.186	ug/l	99
5) Bromomethane	1.846	94	24178	2.528	ug/l	94
6) Chloroethane	1.924	64	25832	2.185	ug/l	95
7) Trichlorofluoromethane	2.126	101	49683	2.183	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	25605	2.112	ug/l	96
9) 1,1-Dichloroethene	2.567	96	26025	2.151	ug/l	98
10) Iodomethane	2.708	142	16499	1.690	ug/l	97
11) Allyl Chloride	2.907	41	44664	2.073	ug/l	98
12) Acrylonitrile	3.309	53	14154	4.049	ug/l	94
13) Acetone	2.621	43	25540	8.313	ug/l	99
14) Carbon Disulfide	2.776	76	86481	2.050	ug/l	100
15) Methylene Chloride	3.030	84	31207	2.035	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	28667	2.106	ug/l	98
17) 1,1-Dichloroethane	3.846	63	59660	2.087	ug/l	98
18) 2-Butanone	4.721	43	43614	8.941	ug/l	96
19) Cyclohexane	5.357	56	43595	2.016	ug/l	98
20) Methylcyclohexane	6.746	83	34753	1.731	ug/l	93
21) 2,2-Dichloropropane	4.640	77	40262	1.982	ug/l	100
22) cis-1,2-Dichloroethene	4.650	96	30761	2.070	ug/l	96
23) Diethyl Ether	2.370	59	23219	2.127	ug/l	97
24) tert-Butyl Alcohol	3.203	59	24694	21.475	ug/l	98
25) Methyl tert-Butyl Ether	3.361	73	68577	2.084	ug/l	98
26) Bromochloromethane	4.956	128	11883	2.055	ug/l	98
27) Chloroform	5.071	83	56832	2.121	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	45089	2.075	ug/l	99
29) 1,1-Dichloropropene	5.505	75	38431	1.936	ug/l	97
30) Carbon Tetrachloride	5.499	117	35068	2.021	ug/l	98
31) Isopropyl Ether	3.994	45	90484	2.026	ug/l	98
32) Ethyl-t-butyl ether	4.505	59	74749	1.975	ug/l	99
33) Tert-Amyl methyl ether	5.946	73	51819	1.913	ug/l	98
34) Propionitrile	4.782	54	15342	10.873	ug/l #	91
35) Benzene	5.756	78	123649	2.060	ug/l	99
36) 1,2-Dichloroethane	5.785	62	36602	2.086	ug/l	100
37) Trichloroethene	6.531	130	28500	2.009	ug/l	99
38) 1,2-Dichloropropane	6.782	63	35271	2.127	ug/l	99
39) Methacrylonitrile	4.972	41	10380	1.768	ug/l #	88
40) Methyl acrylate	4.853	55	17072	2.071	ug/l #	97
41) Tetrahydrofuran	5.065	42	12893	4.082	ug/l	98
42) 1-Chlorobutane	5.438	56	50714	1.801	ug/l	99
43) Dibromomethane	6.910	93	15607	2.015	ug/l	98
44) Bromodichloromethane	7.100	83	39158	2.075	ug/l	98

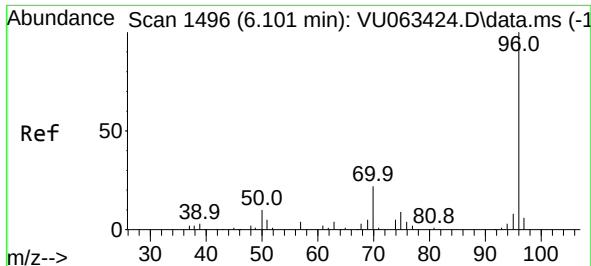
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	77486	9.319	ug/l	97
46) t-1,4-Dichloro-2-butene	10.817	75	30567	11.184	ug/l #	47
47) Methyl methacrylate	6.968	69	22170	3.781	ug/l	97
48) Ethyl methacrylate	8.335	69	21007	2.042	ug/l	98
49) Toluene	7.962	92	63985	1.941	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	26506	1.948	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	36277	1.985	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	24079	2.126	ug/l	96
53) 1,3-Dichloropropane	8.570	76	39288	2.017	ug/l	97
54) 2-Hexanone	8.692	43	52108	9.877	ug/l	92
55) Dibromochloromethane	8.801	129	23656	2.025	ug/l	99
56) 1,2-Dibromoethane	8.920	107	19461	2.120	ug/l	100
58) Tetrachloroethene	8.544	164	26751	1.922	ug/l	97
59) Chlorobenzene	9.441	112	71896	2.037	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	25398	2.000	ug/l	97
61) Pentachloroethane	11.418	117	22573	2.181	ug/l	96
62) Hexachloroethane	12.467	117	19661	2.113	ug/l	94
63) Ethyl Benzene	9.563	91	108496	1.918	ug/l	99
64) m/p-Xylenes	9.688	106	84790	3.833	ug/l	98
65) o-Xylene	10.094	106	40277	1.874	ug/l	97
66) Styrene	10.110	104	66749	1.902	ug/l	99
67) Bromoform	10.283	173	12990	2.035	ug/l	97
69) Isopropylbenzene	10.476	105	98298	1.974	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	30948	2.137	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	30567	2.584	ug/l #	90
72) Bromobenzene	10.778	156	29124	2.084	ug/l	88
73) n-propylbenzene	10.897	120	28415	1.882	ug/l	95
74) 2-Chlorotoluene	10.981	126	28970	2.097	ug/l	93
75) 1,3,5-Trimethylbenzene	11.081	105	95596	1.929	ug/l	98
76) 4-Chlorotoluene	11.090	126	30293	2.093	ug/l	91
77) tert-Butylbenzene	11.412	119	92424	2.020	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	93509	1.906	ug/l	99
79) sec-Butylbenzene	11.634	105	127466	1.967	ug/l	100
80) Nitrobenzene	13.216	77	6424	10.675	ug/l #	92
81) p-Isopropyltoluene	11.785	119	99536	1.944	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	61202	2.114	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	62331	2.075	ug/l	95
84) n-Butylbenzene	12.203	91	103286	1.947	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	58707	2.119	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	4434	2.227	ug/l	98
87) 1,2,4-Trichlorobenzene	13.836	180	29959	1.939	ug/l	97
88) Hexachlorobutadiene	14.013	225	22477	2.052	ug/l	100
89) Naphthalene	14.084	128	49965	2.304	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	29748	1.937	ug/l	98

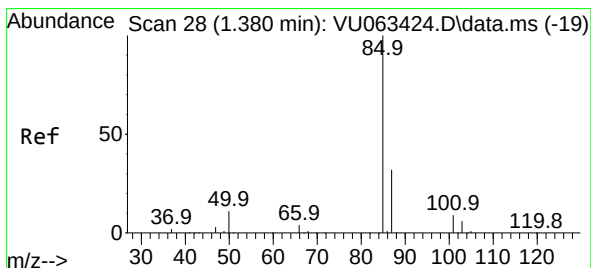
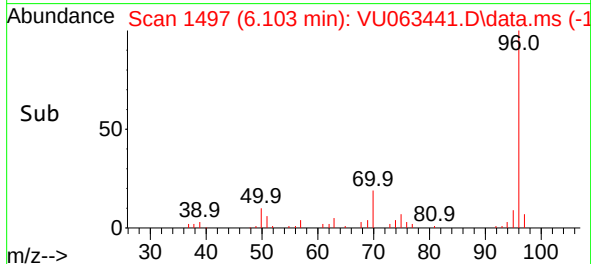
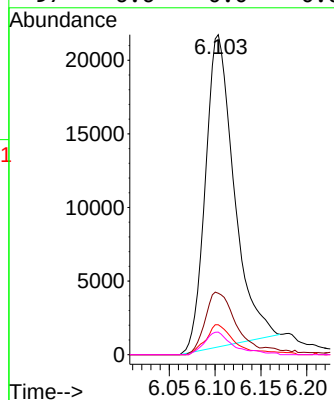
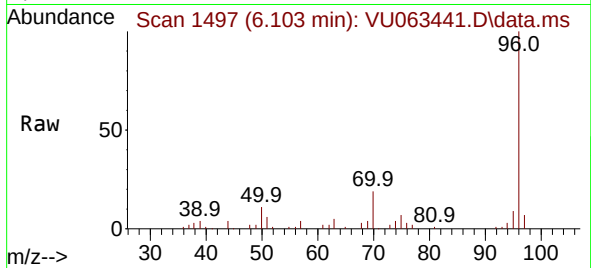
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 14
Delta R.T. 0.002 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

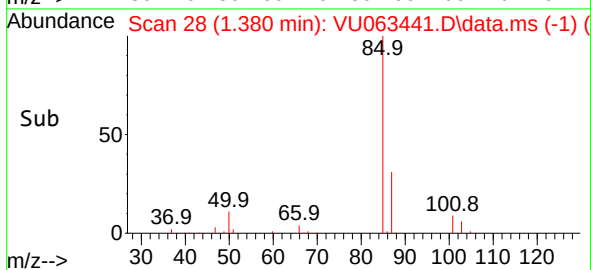
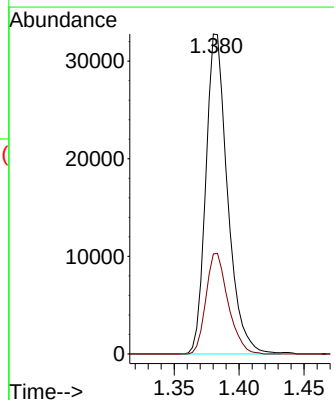
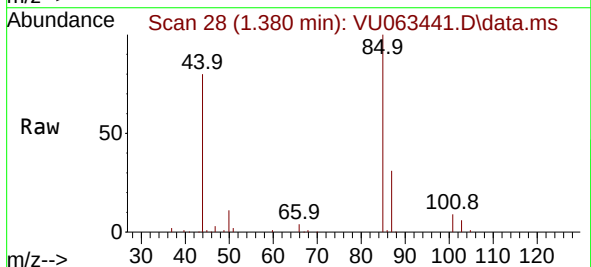
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

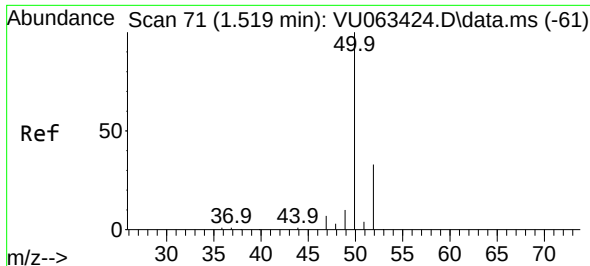
Tgt Ion:	96	Resp:	46073
Ion	Ratio	Lower	Upper
96	100		
70	18.8	16.4	24.6
95	10.1	6.2	9.2#
97	6.6	0.0	0.0#



#2
Dichlorodifluoromethane
Concen: 2.157 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:	85	Resp:	38170
Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.2	48.5

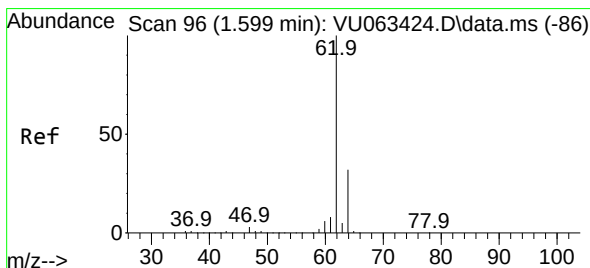
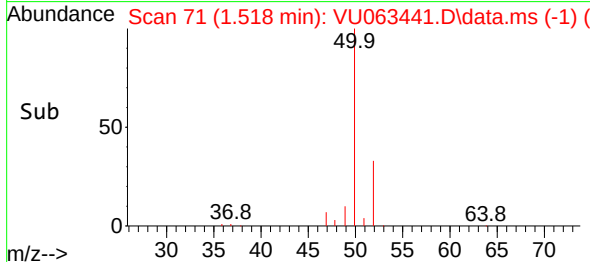
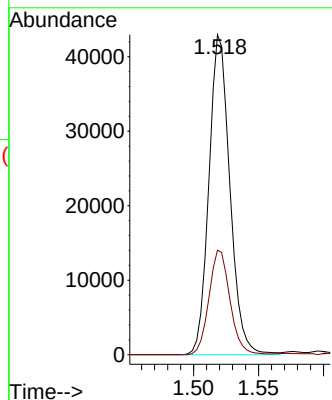
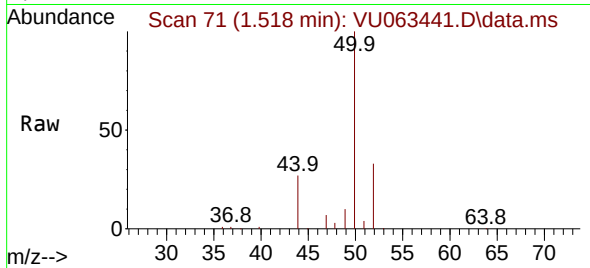




#3
Chloromethane
Concen: 2.067 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

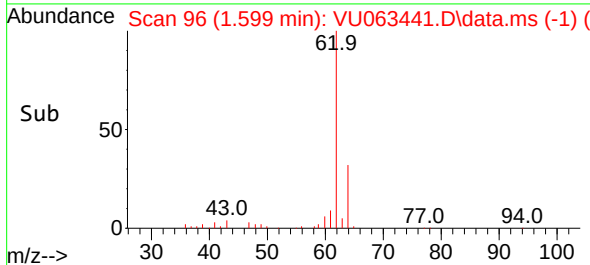
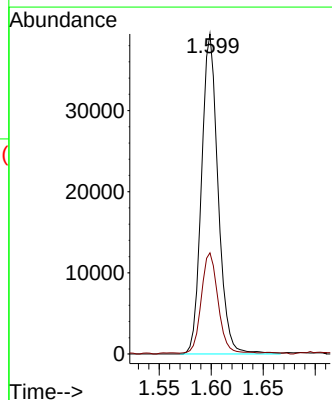
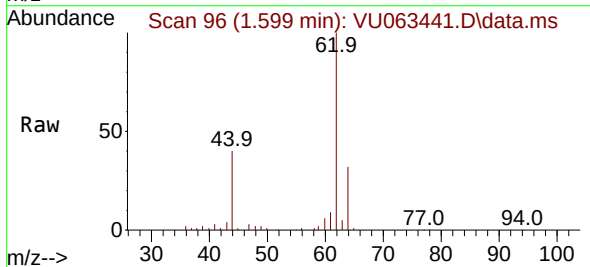
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

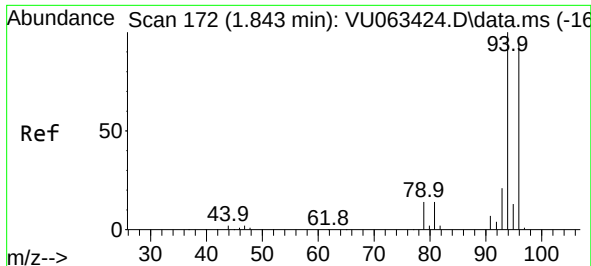
Tgt Ion: 50 Resp: 48186
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0



#4
Vinyl Chloride
Concen: 2.186 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion: 62 Resp: 43641
Ion Ratio Lower Upper
62 100
64 31.3 25.7 38.5

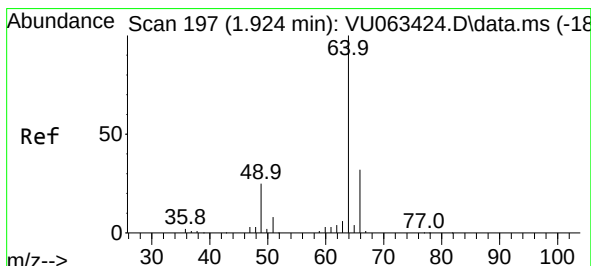
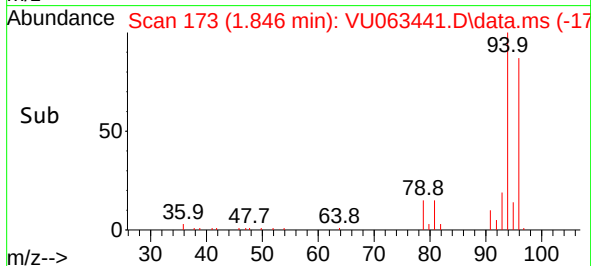
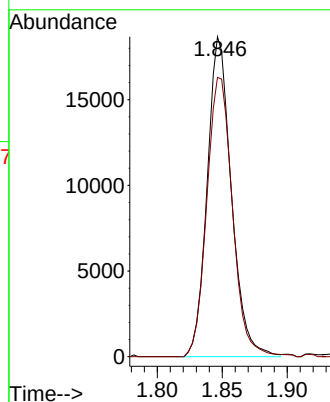
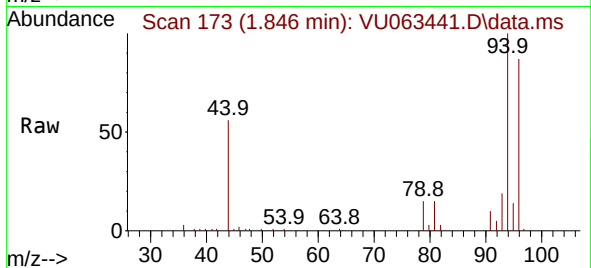




#5
Bromomethane
Concen: 2.528 ug/l
RT: 1.846 min Scan# 172
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

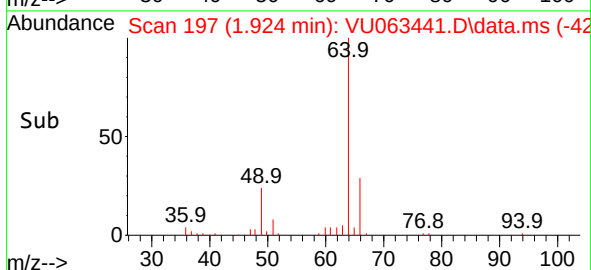
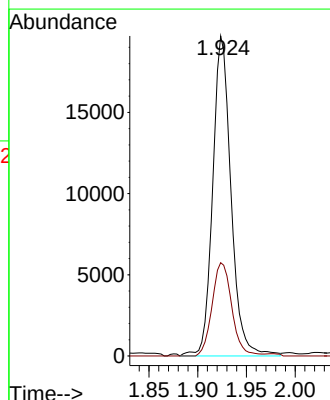
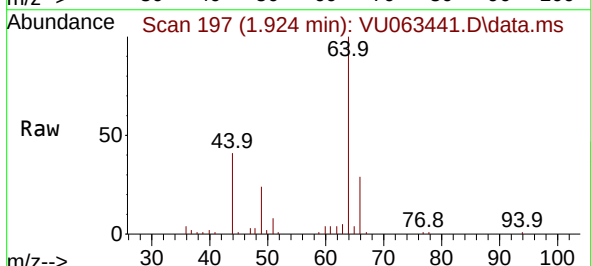
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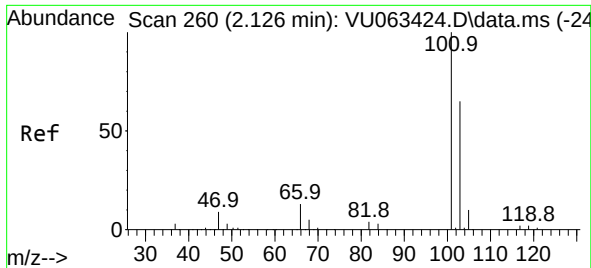
Tgt Ion: 94 Resp: 24178
Ion Ratio Lower Upper
94 100
96 87.3 74.8 112.2



#6
Chloroethane
Concen: 2.185 ug/l
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion: 64 Resp: 25832
Ion Ratio Lower Upper
64 100
66 29.1 25.7 38.5

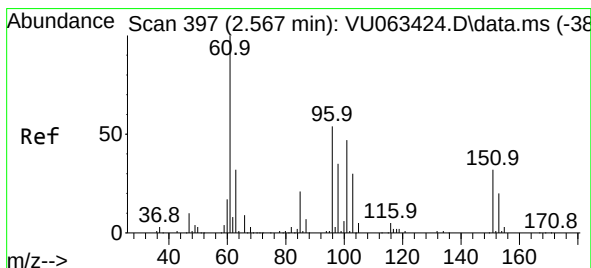
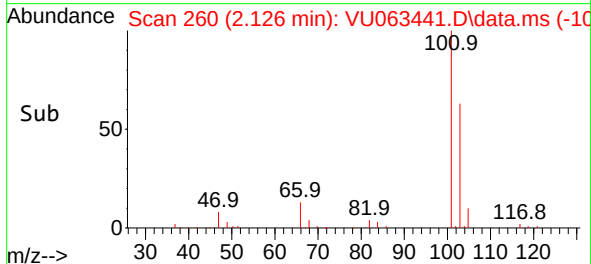
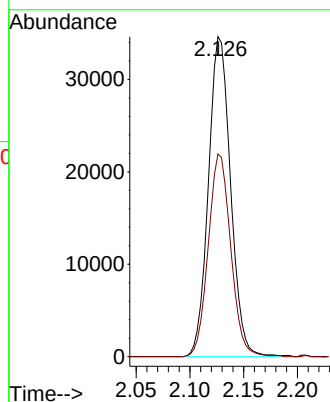
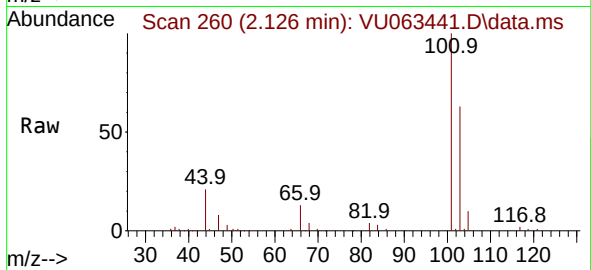




#7
 Trichlorofluoromethane
 Concen: 2.183 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU063441.D
 Acq: 24 Jun 2025 16:53

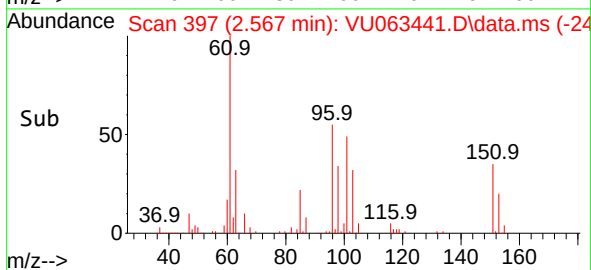
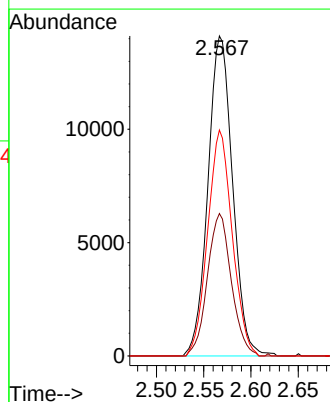
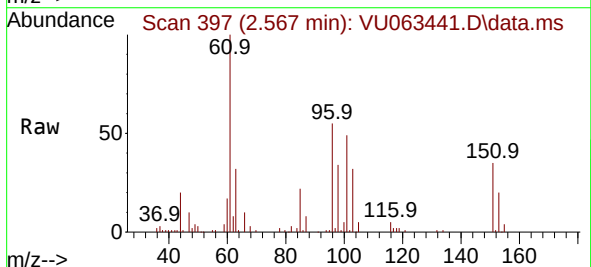
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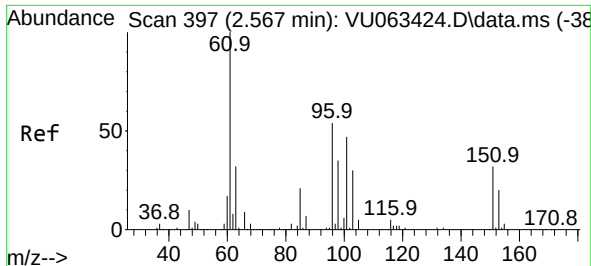
Tgt Ion:101 Resp: 49683
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.112 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063441.D
 Acq: 24 Jun 2025 16:53

Tgt Ion:101 Resp: 25605
 Ion Ratio Lower Upper
 101 100
 85 43.2 36.7 55.1
 151 70.3 53.9 80.9

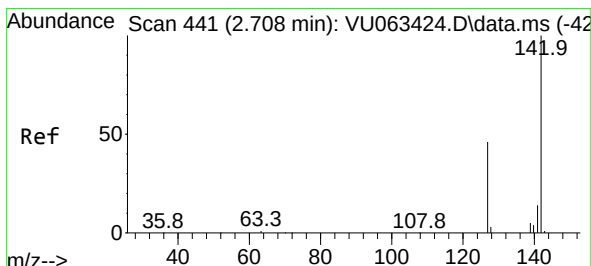
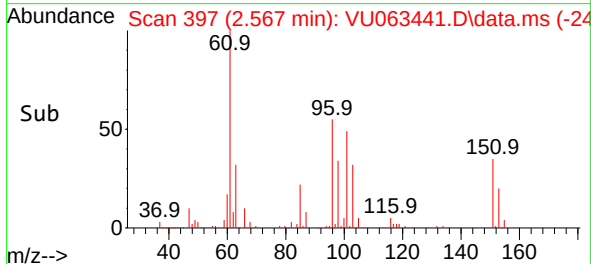
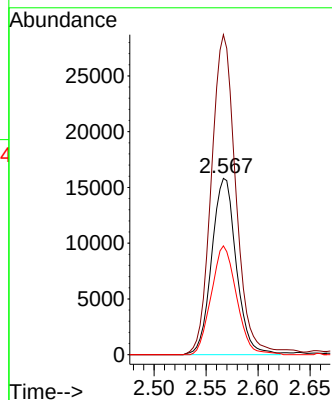
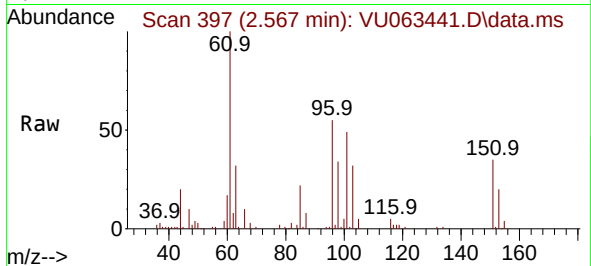




#9
1,1-Dichloroethene
Concen: 2.151 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

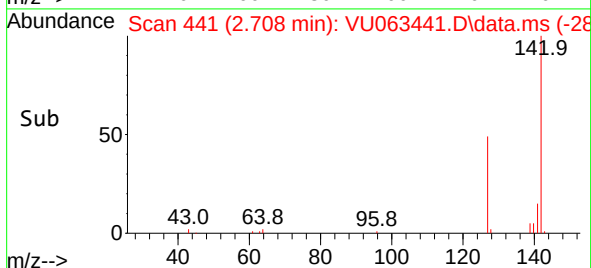
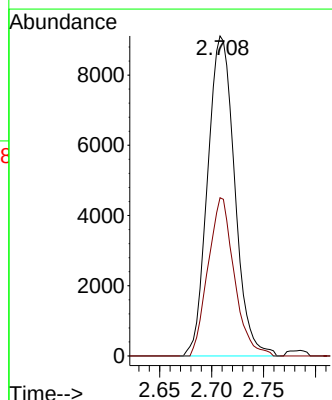
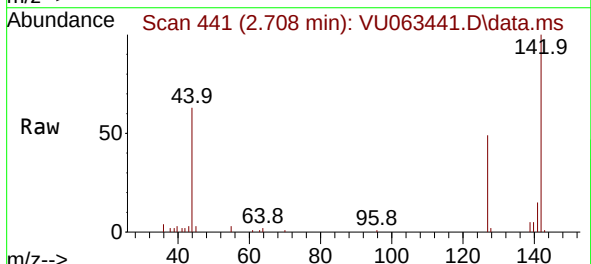
Instrument :
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ClientSampleId :
VU0624WBSD02

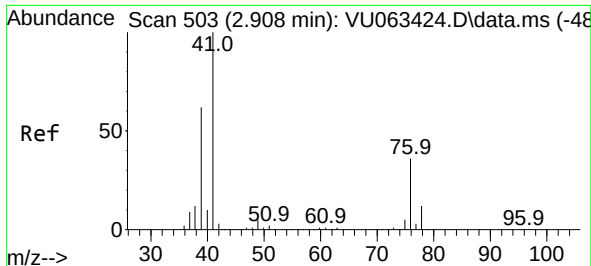
Tgt Ion: 96 Resp: 26025
Ion Ratio Lower Upper
96 100
61 181.5 0.0 552.0
98 61.7 0.0 128.4



#10
Iodomethane
Concen: 1.690 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:142 Resp: 16499
Ion Ratio Lower Upper
142 100
127 47.9 36.9 55.3

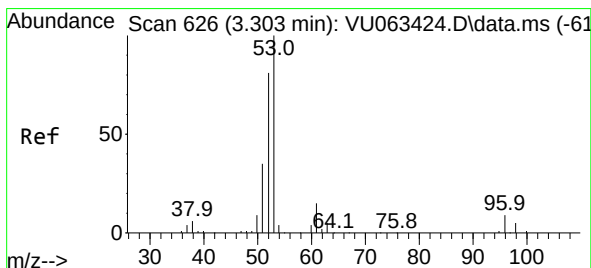
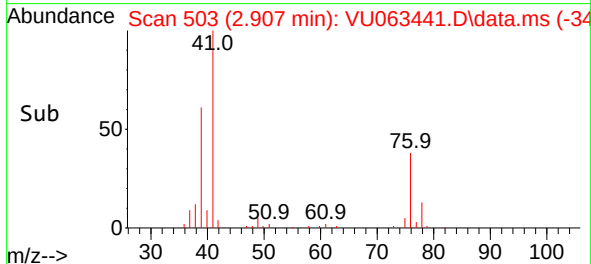
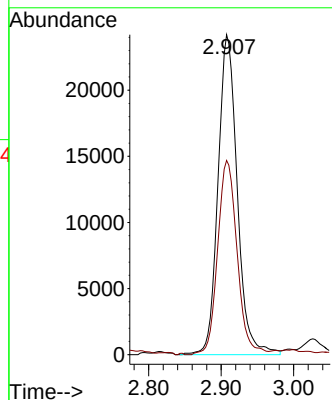
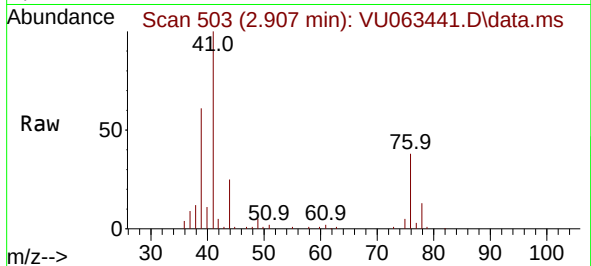




#11
 Allyl Chloride
 Concen: 2.073 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.001 min
 Lab File: VU063441.D
 Acq: 24 Jun 2025 16:53

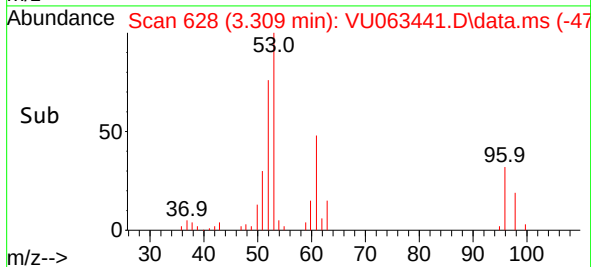
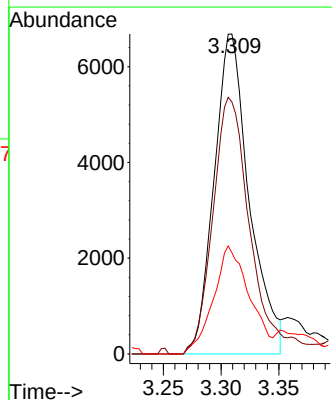
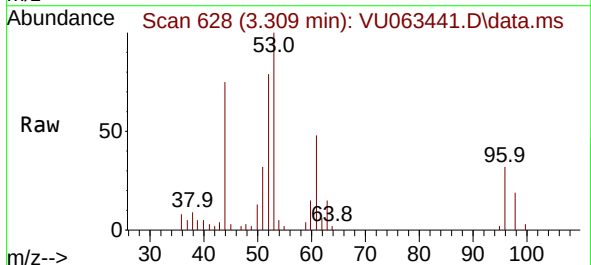
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBSD02

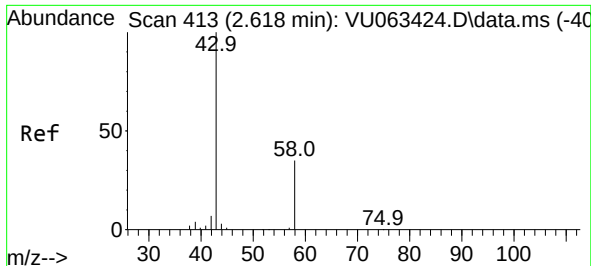
Tgt Ion: 41 Resp: 44664
 Ion Ratio Lower Upper
 41 100
 39 61.3 50.3 75.5



#12
 Acrylonitrile
 Concen: 4.049 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.006 min
 Lab File: VU063441.D
 Acq: 24 Jun 2025 16:53

Tgt Ion: 53 Resp: 14154
 Ion Ratio Lower Upper
 53 100
 52 85.1 62.8 94.2
 51 34.7 26.2 39.4





#13

Acetone

Concen: 8.313 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

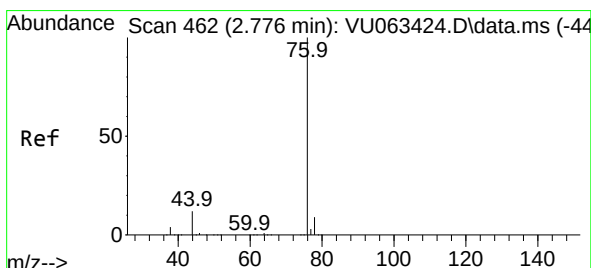
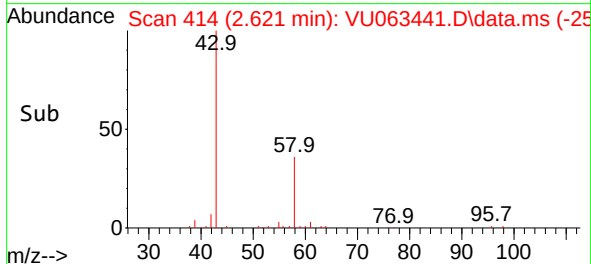
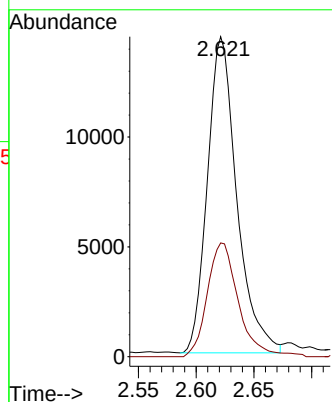
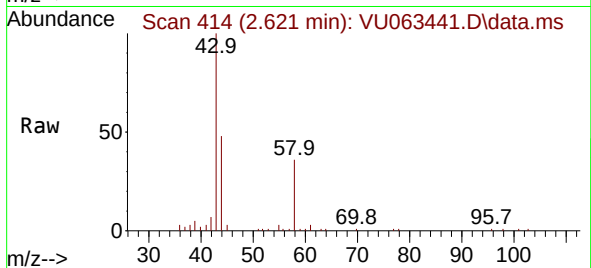
VU0624WBSD02

Tgt Ion: 43 Resp: 25540

Ion Ratio Lower Upper

43 100

58 36.0 28.3 42.5



#14

Carbon Disulfide

Concen: 2.050 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063441.D

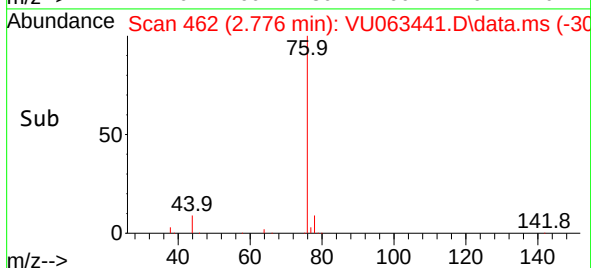
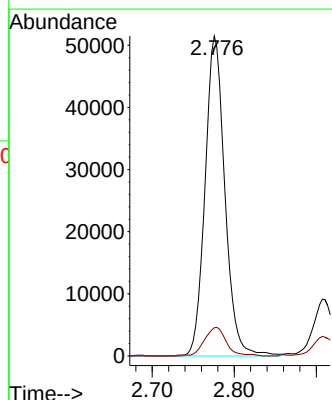
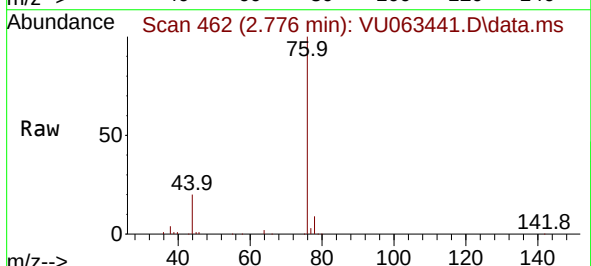
Acq: 24 Jun 2025 16:53

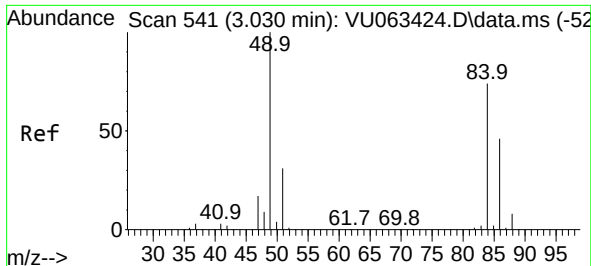
Tgt Ion: 76 Resp: 86481

Ion Ratio Lower Upper

76 100

78 8.5 6.9 10.3

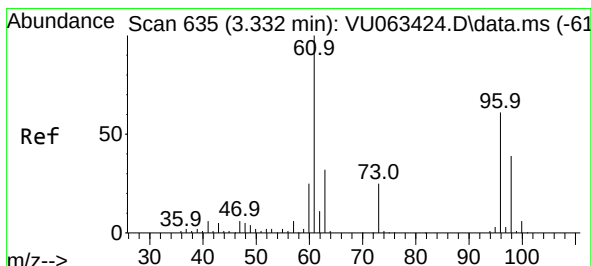
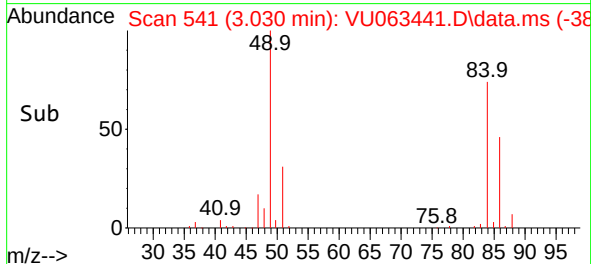
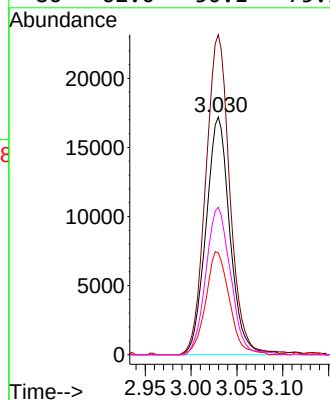
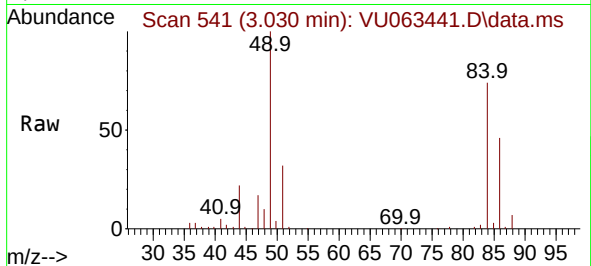




#15
Methylene Chloride
Concen: 2.035 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

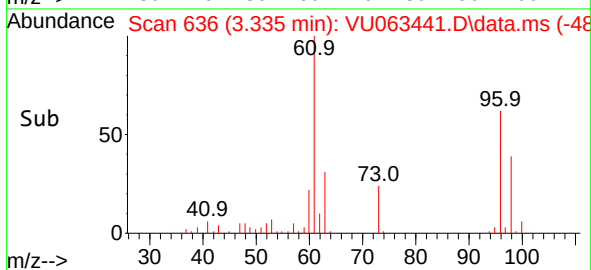
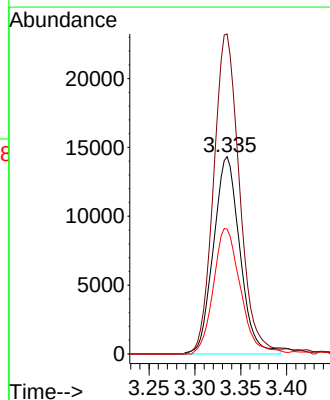
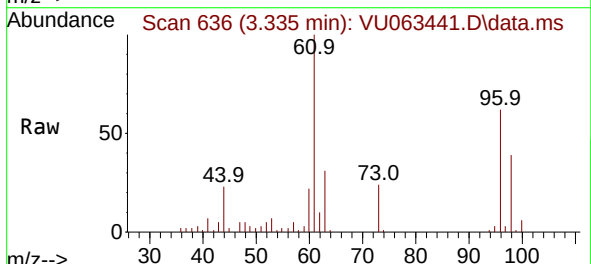
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

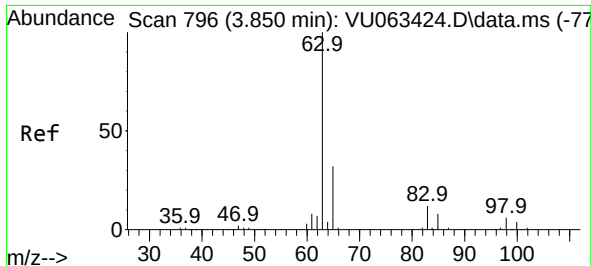
Tgt Ion:	84	Resp:	31207
Ion	Ratio	Lower	Upper
84	100		
49	134.7	108.7	163.1
51	42.9	0.0	83.8
86	62.0	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 2.106 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:	96	Resp:	28667
Ion	Ratio	Lower	Upper
96	100		
61	162.2	132.1	198.1
98	63.3	51.0	76.4

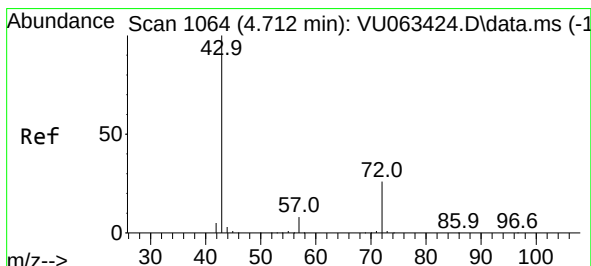
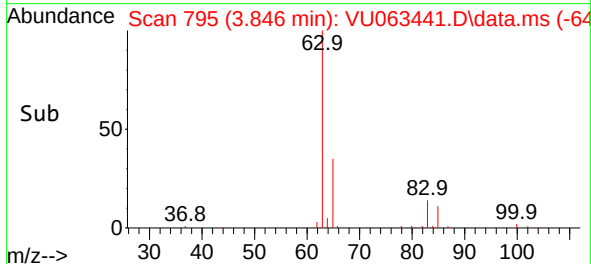
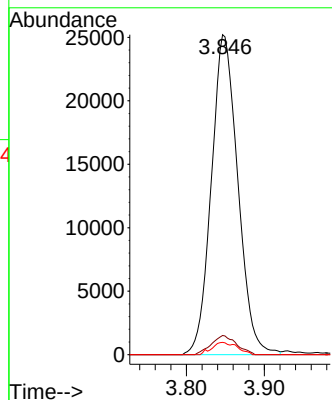
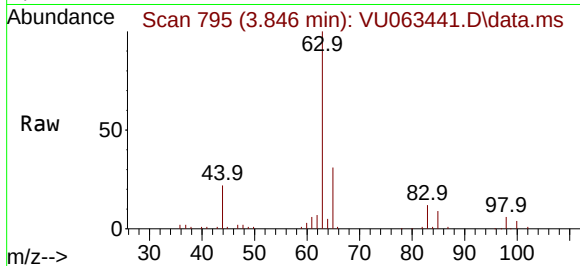




#17
 1,1-Dichloroethane
 Concen: 2.087 ug/l
 RT: 3.846 min Scan# 796
 Delta R.T. -0.004 min
 Lab File: VU063441.D
 Acq: 24 Jun 2025 16:53

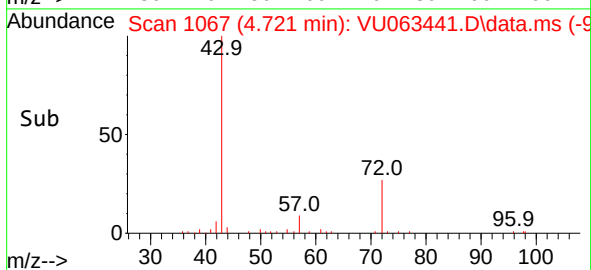
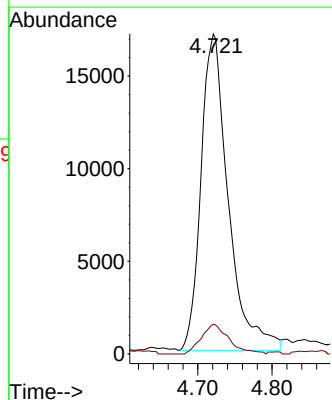
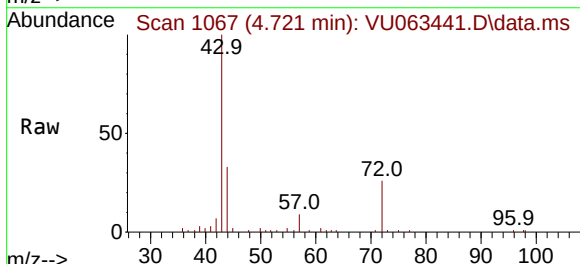
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBSD02

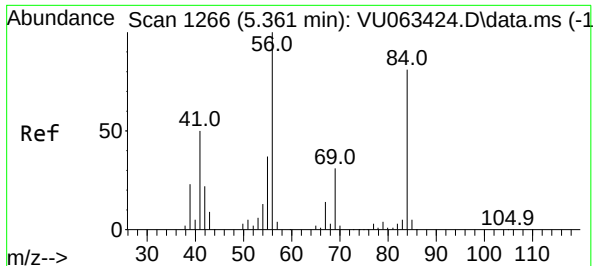
Tgt Ion: 63 Resp: 59660
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.8 8.4
 100 3.8 1.9 5.7



#18
 2-Butanone
 Concen: 8.941 ug/l
 RT: 4.721 min Scan# 1067
 Delta R.T. 0.009 min
 Lab File: VU063441.D
 Acq: 24 Jun 2025 16:53

Tgt Ion: 43 Resp: 43614
 Ion Ratio Lower Upper
 43 100
 57 9.4 0.0 16.0





#19

Cyclohexane

Concen: 2.016 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.004 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD02

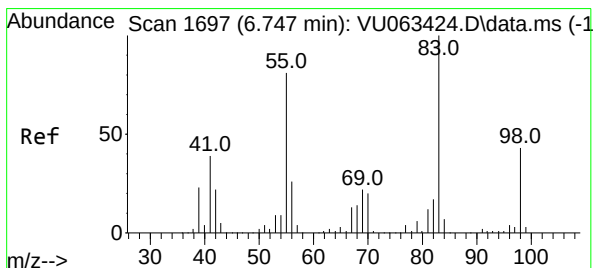
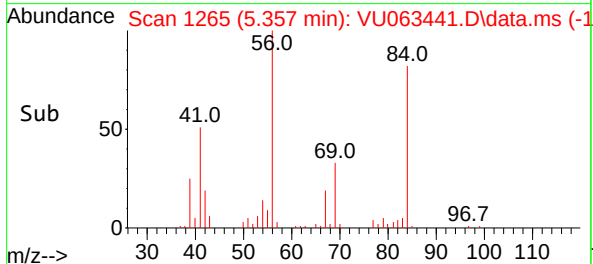
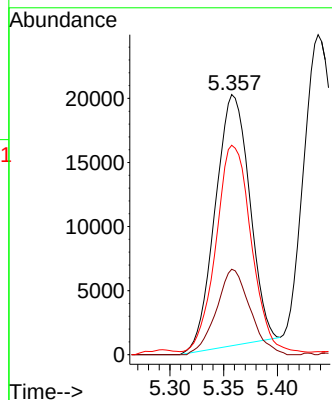
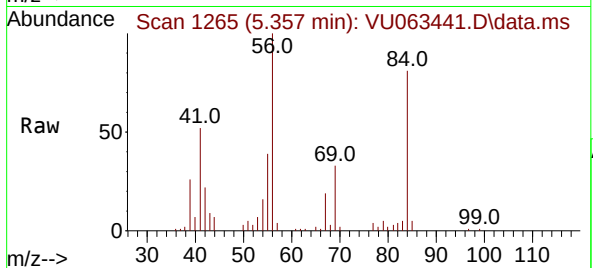
Tgt Ion: 56 Resp: 43595

Ion Ratio Lower Upper

56 100

69 33.4 26.4 39.6

84 83.8 68.6 102.8



#20

Methylcyclohexane

Concen: 1.731 ug/l

RT: 6.746 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

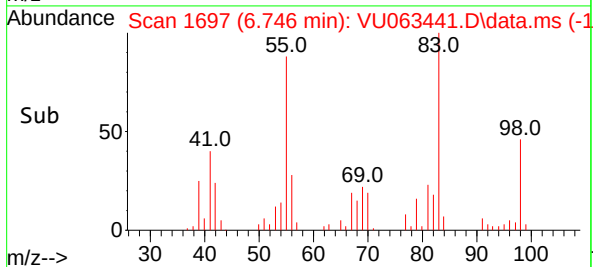
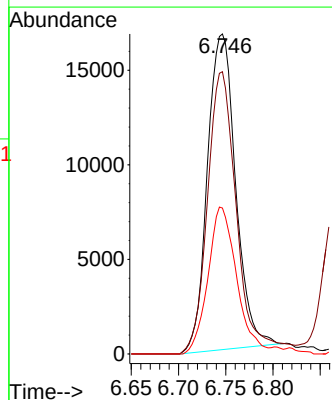
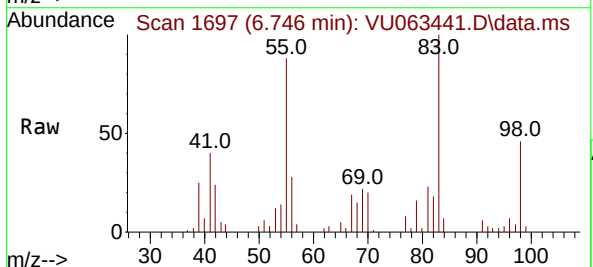
Tgt Ion: 83 Resp: 34753

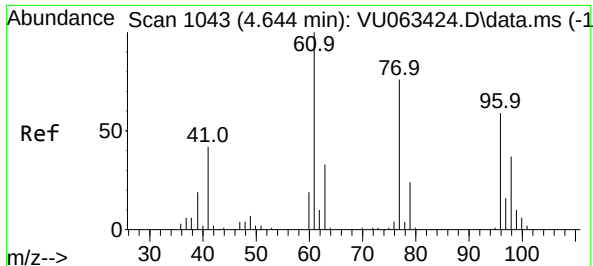
Ion Ratio Lower Upper

83 100

55 88.0 63.5 95.3

98 44.5 34.2 51.4





#21

2,2-Dichloropropane

Concen: 1.982 ug/l

RT: 4.640 min Scan# 1043

Delta R.T. -0.004 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

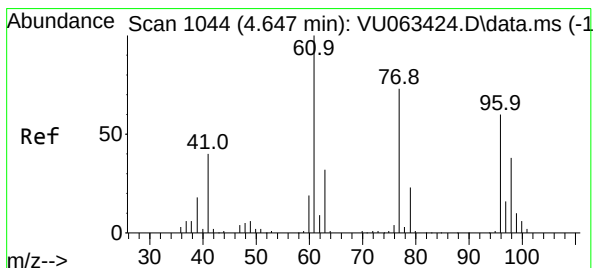
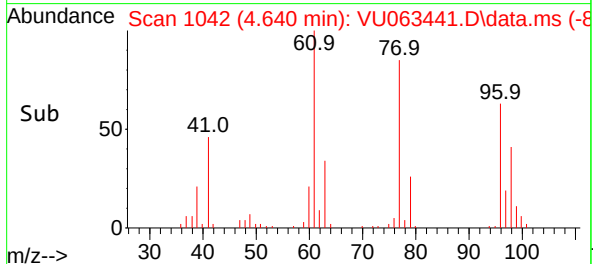
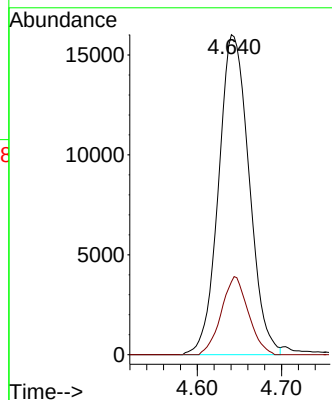
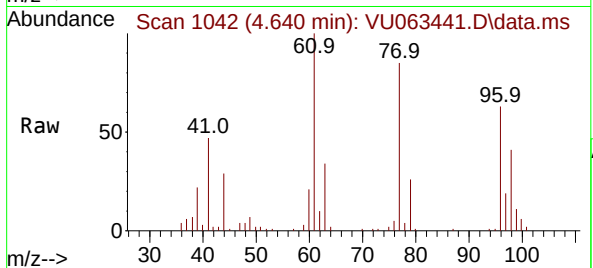
VU0624WBSD02

Tgt Ion: 77 Resp: 40262

Ion Ratio Lower Upper

77 100

97 21.6 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 2.070 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

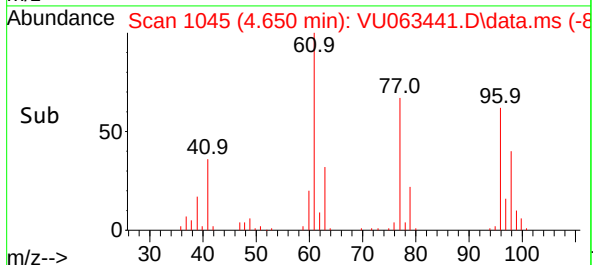
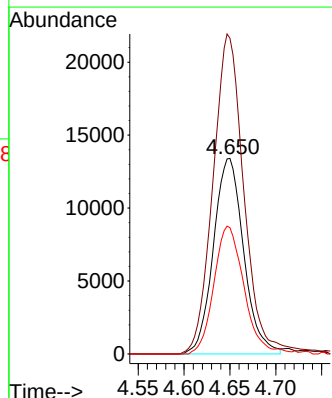
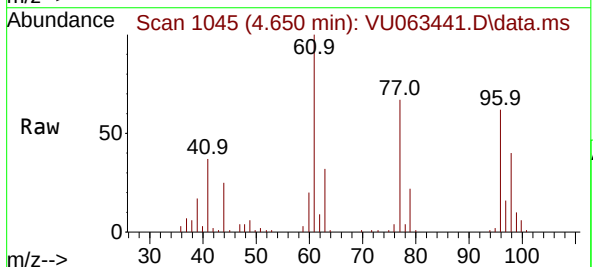
Tgt Ion: 96 Resp: 30761

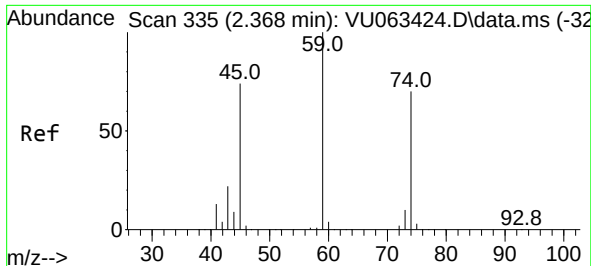
Ion Ratio Lower Upper

96 100

61 167.6 0.0 434.3

98 64.8 31.9 95.7

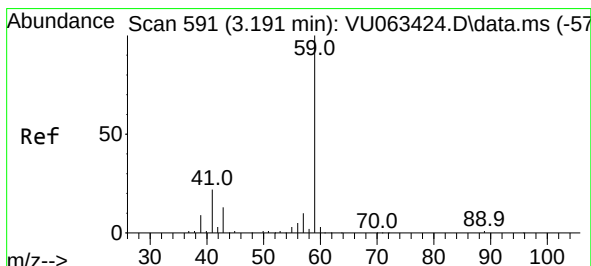
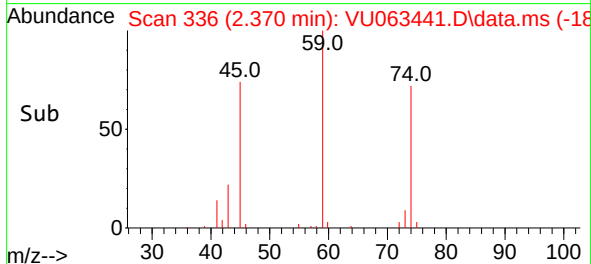
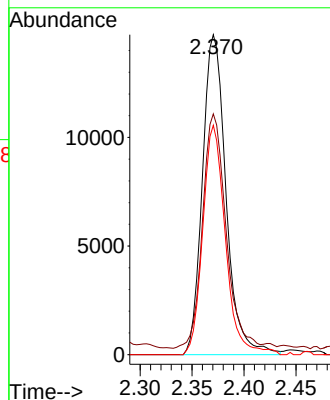
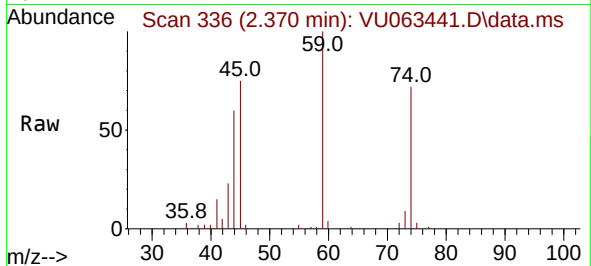




#23
Diethyl Ether
Concen: 2.127 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

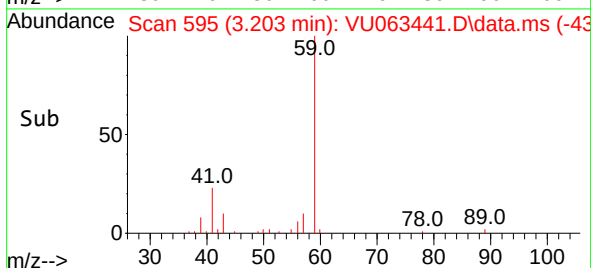
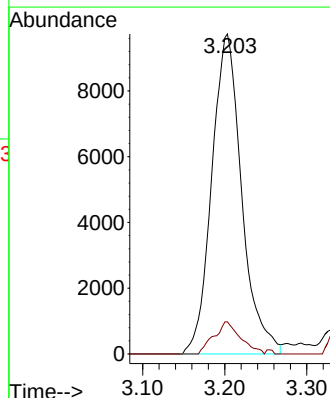
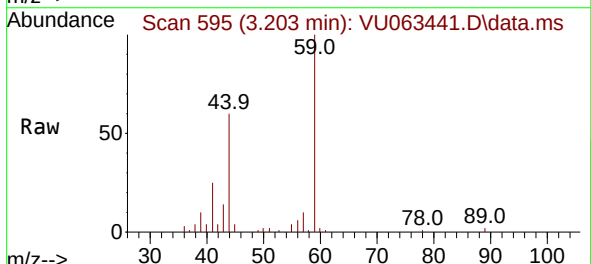
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

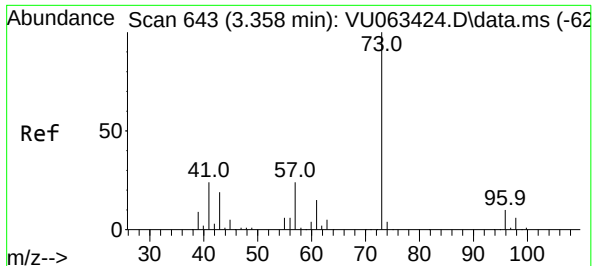
Tgt Ion: 59 Resp: 23219
Ion Ratio Lower Upper
59 100
45 72.4 60.7 91.1
74 69.0 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 21.475 ug/l
RT: 3.203 min Scan# 595
Delta R.T. 0.012 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion: 59 Resp: 24694
Ion Ratio Lower Upper
59 100
57 8.9 7.8 11.8

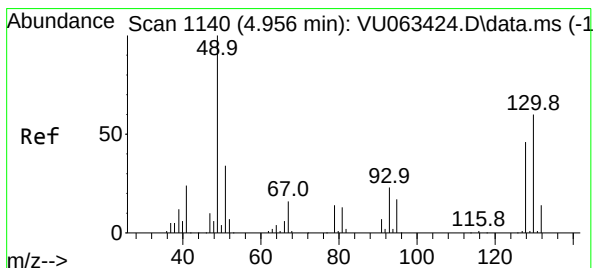
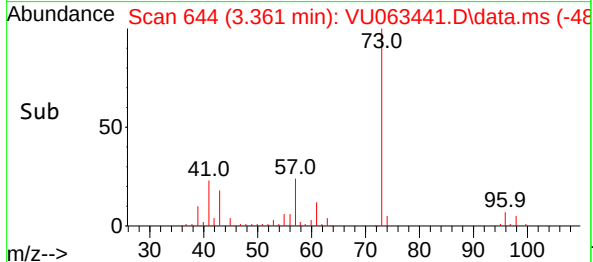
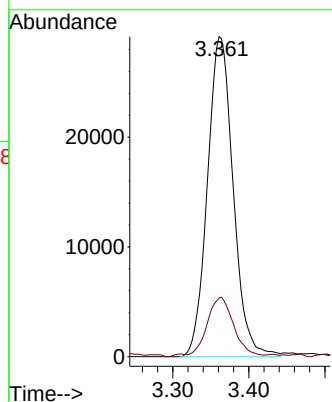
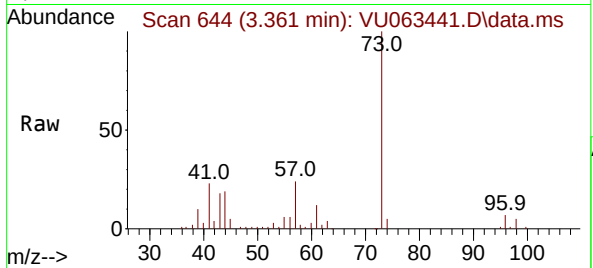




#25
Methyl tert-Butyl Ether
Concen: 2.084 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

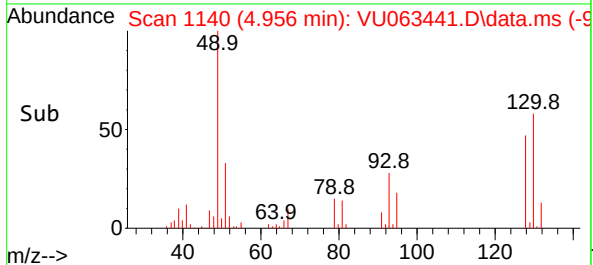
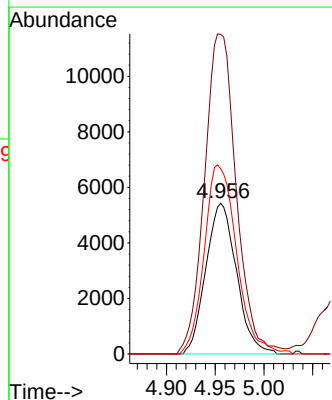
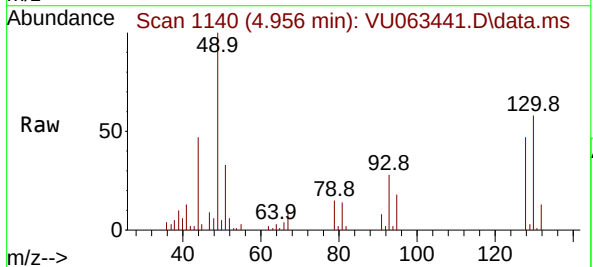
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

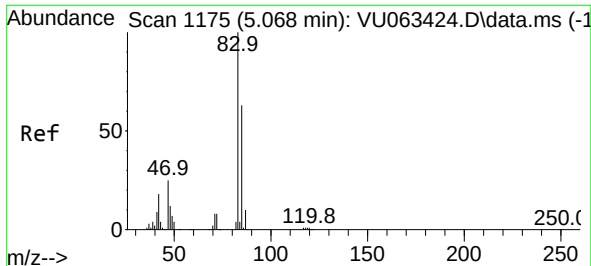
Tgt Ion: 73 Resp: 68577
Ion Ratio Lower Upper
73 100
43 18.2 15.1 22.7



#26
Bromochloromethane
Concen: 2.055 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:128 Resp: 11883
Ion Ratio Lower Upper
128 100
49 220.1 0.0 441.2
130 132.8 102.3 153.5





#27

Chloroform

Concen: 2.121 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

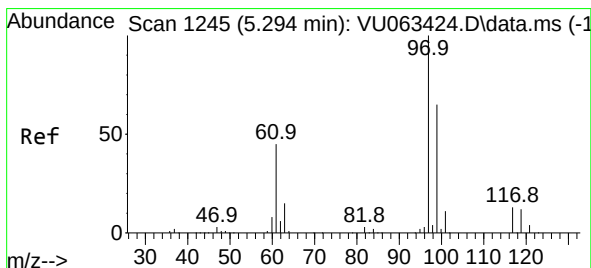
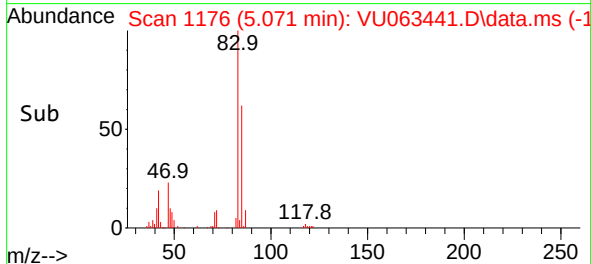
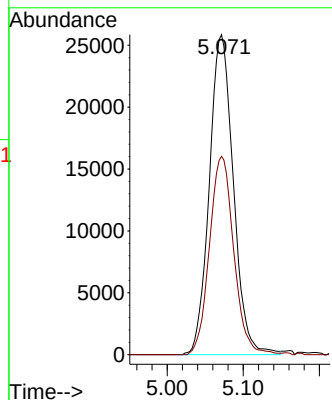
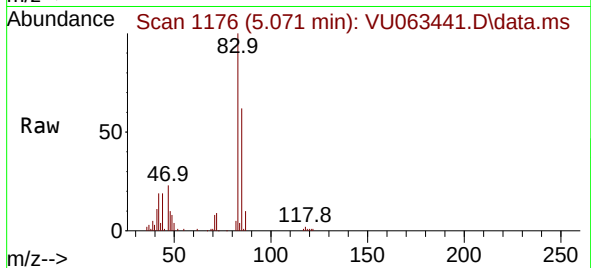
VU0624WBSD02

Tgt Ion: 83 Resp: 56832

Ion Ratio Lower Upper

83 100

85 62.0 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 2.075 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

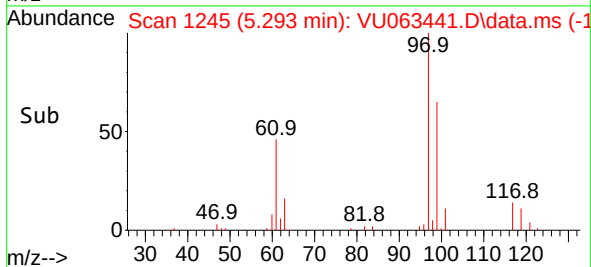
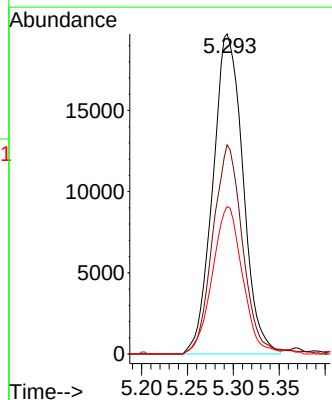
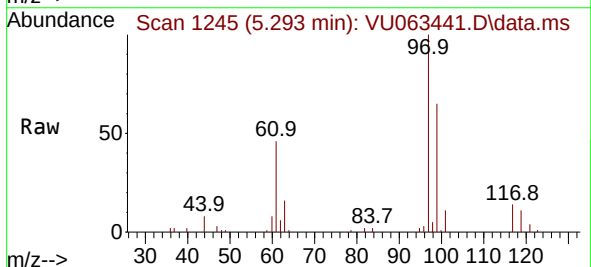
Tgt Ion: 97 Resp: 45089

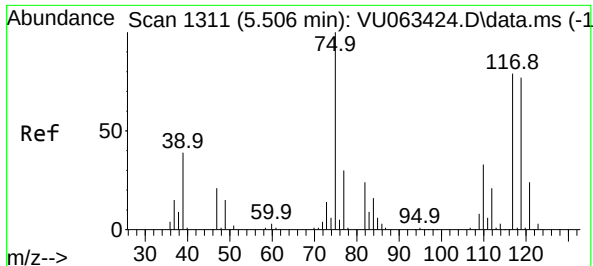
Ion Ratio Lower Upper

97 100

99 64.9 31.9 95.5

61 46.0 22.9 68.7

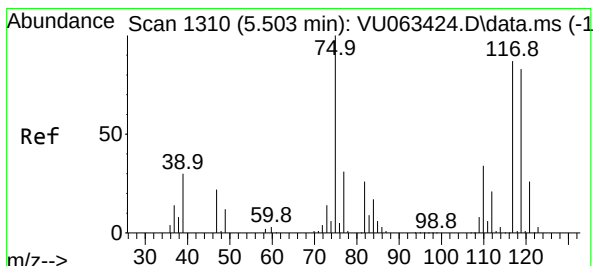
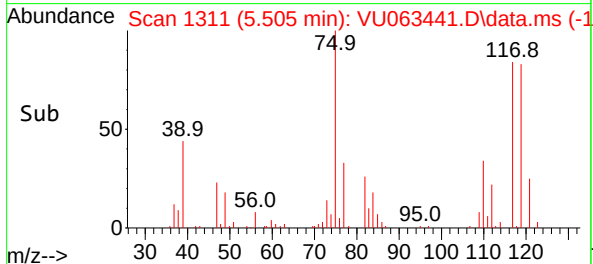
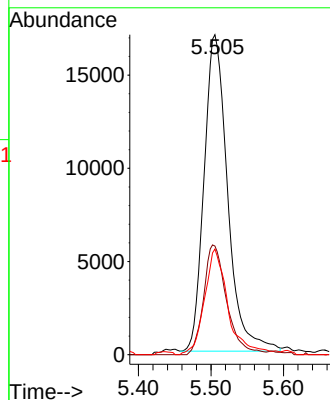
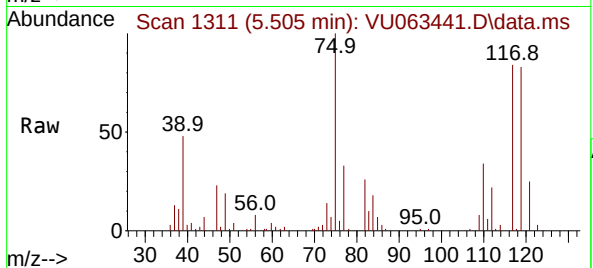




#29
1,1-Dichloropropene
Concen: 1.936 ug/l
RT: 5.505 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

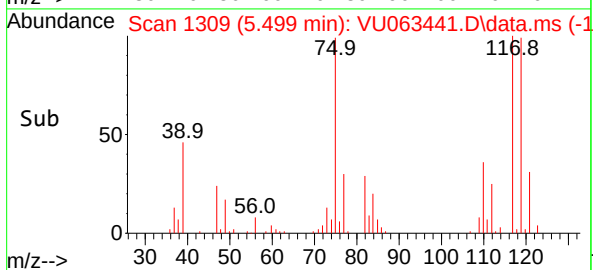
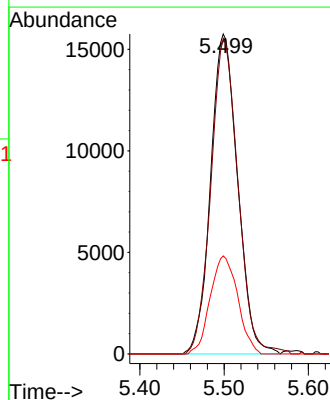
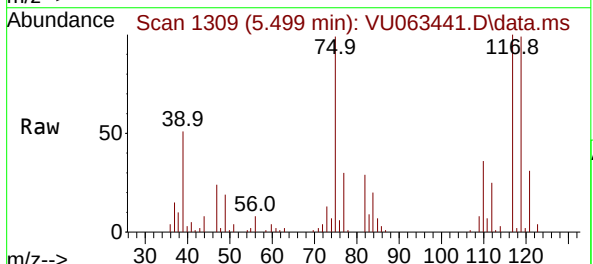
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

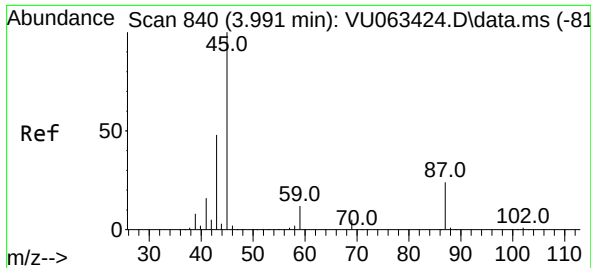
Tgt Ion: 75 Resp: 38431
Ion Ratio Lower Upper
75 100
110 33.8 17.4 52.2
77 33.5 25.4 38.0



#30
Carbon Tetrachloride
Concen: 2.021 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion: 117 Resp: 35068
Ion Ratio Lower Upper
117 100
119 98.6 76.7 115.1
121 30.7 24.3 36.5

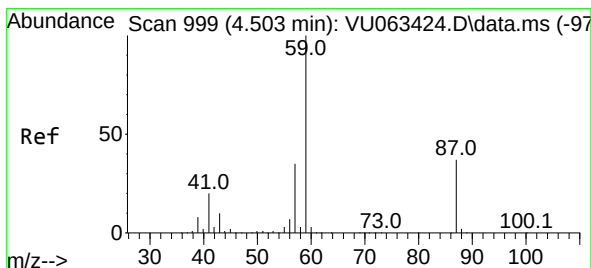
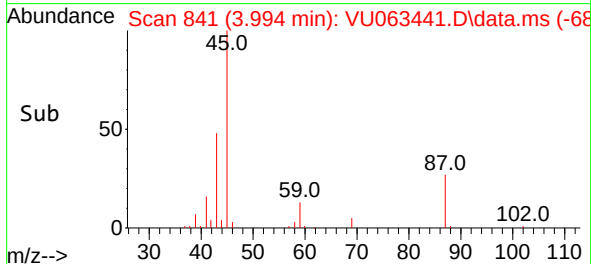
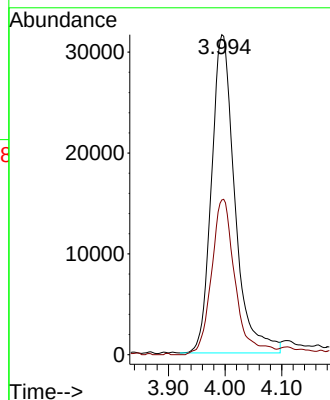
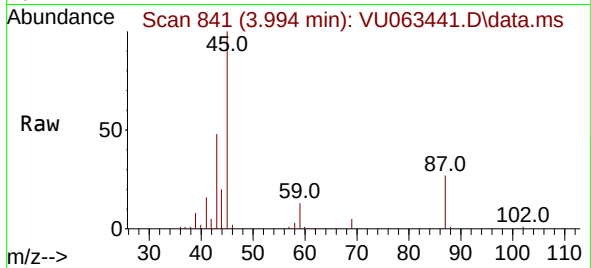




#31
Isopropyl Ether
Concen: 2.026 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

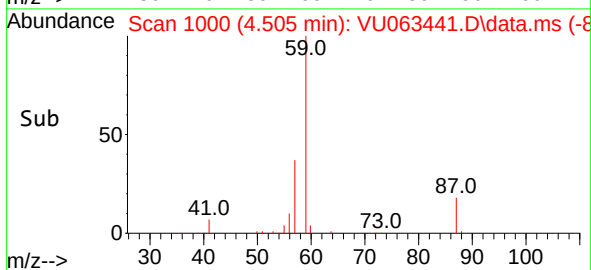
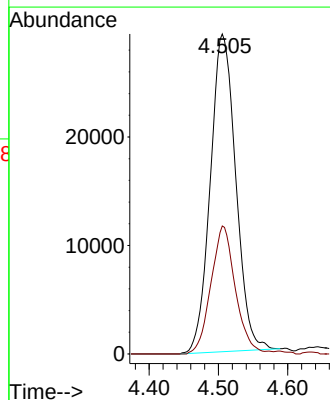
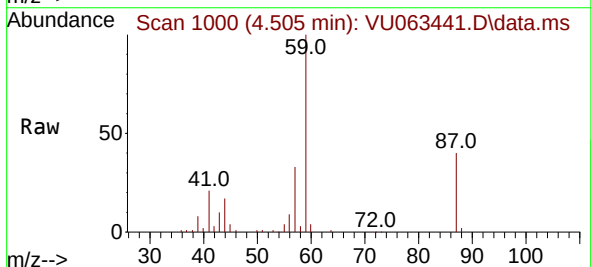
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

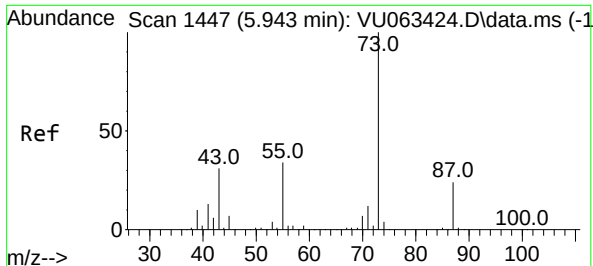
Tgt Ion: 45 Resp: 90484
Ion Ratio Lower Upper
45 100
43 49.4 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 1.975 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion: 59 Resp: 74749
Ion Ratio Lower Upper
59 100
87 37.8 29.9 44.9

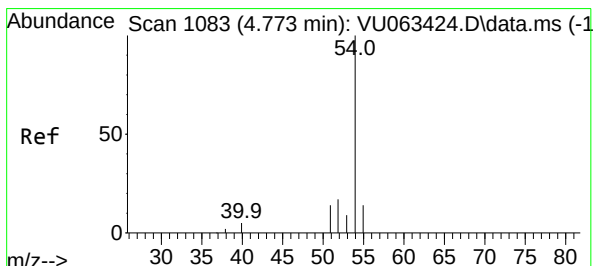
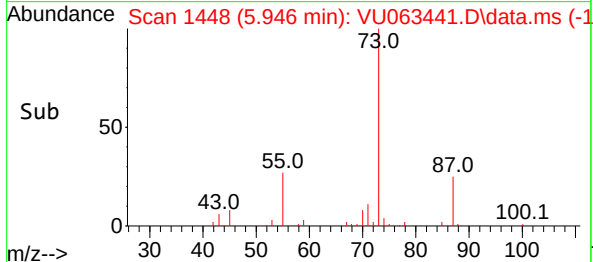
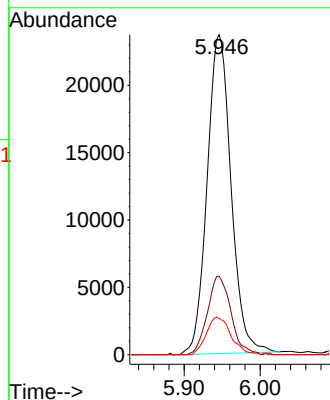
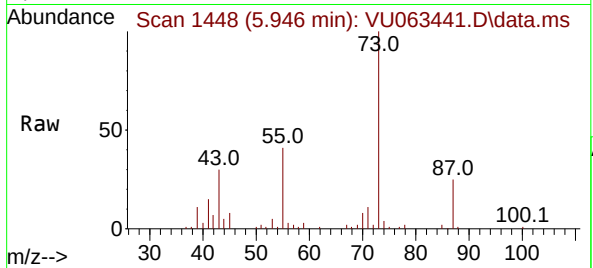




#33
Tert-Amyl methyl ether
Concen: 1.913 ug/l
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

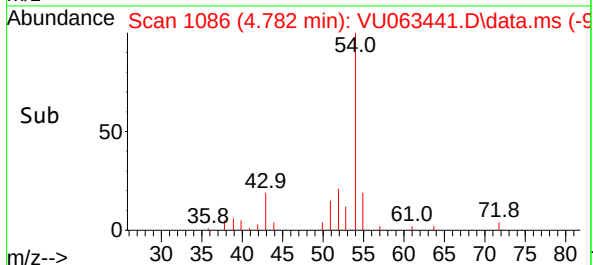
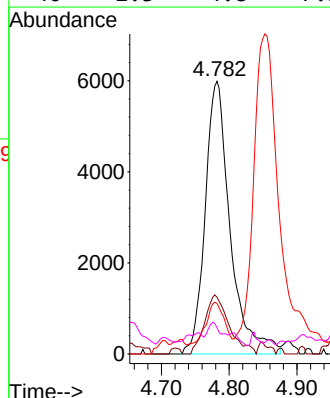
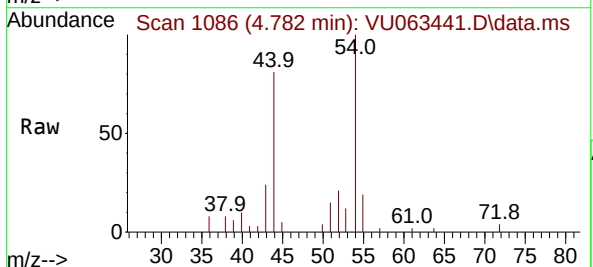
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

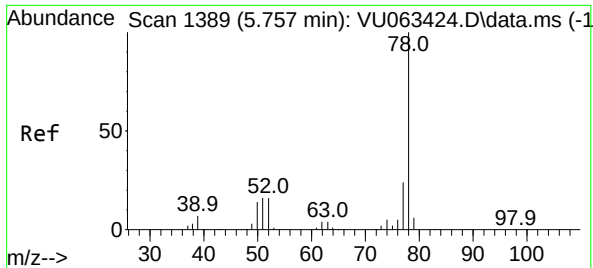
Tgt Ion: 73	Resp: 51819
Ion Ratio	Lower Upper
73	100
87	24.1 18.1 27.1
71	12.1 10.0 15.0



#34
Propionitrile
Concen: 10.873 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. 0.009 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion: 54	Resp: 15342
Ion Ratio	Lower Upper
54	100
52	21.0 14.8 22.2
55	10.2 12.2 18.2#
40	2.3 4.8 7.2#

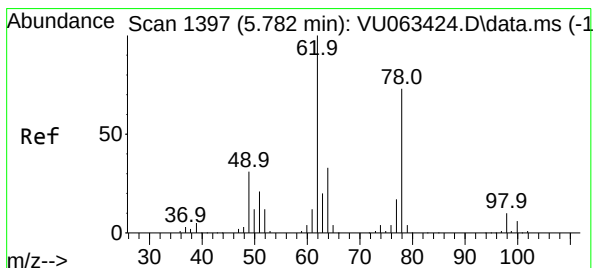
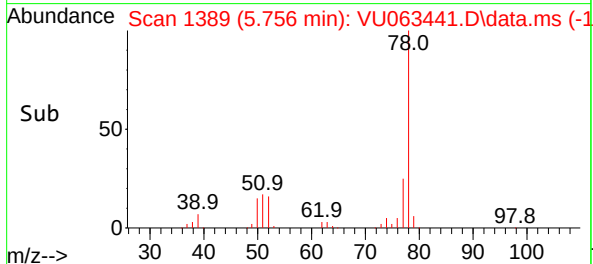
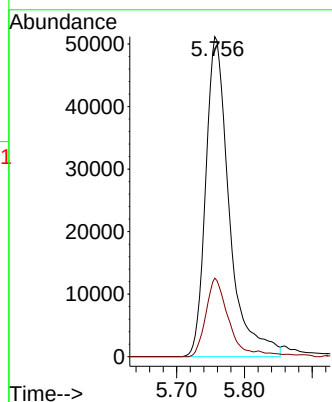
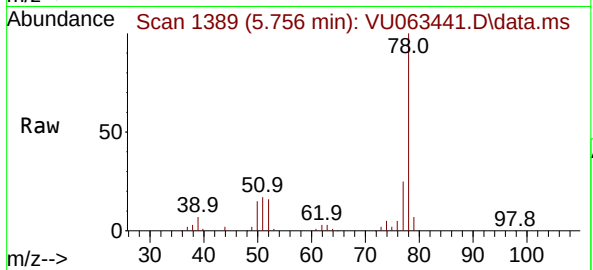




#35
Benzene
Concen: 2.060 ug/l
RT: 5.756 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

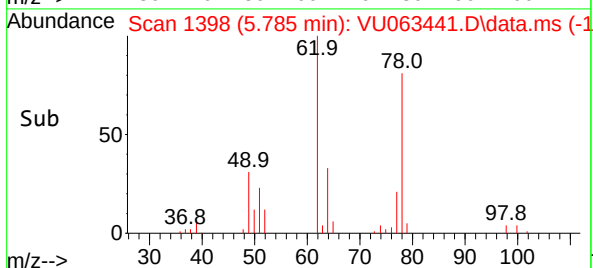
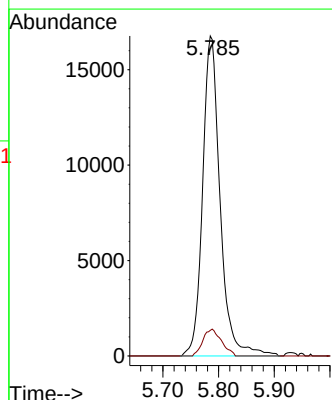
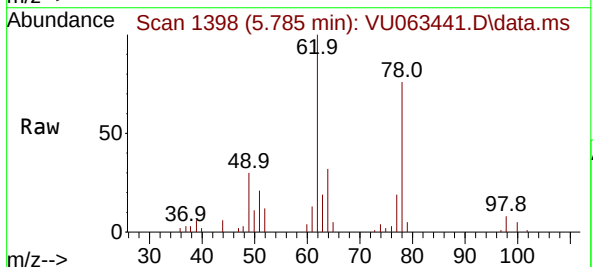
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

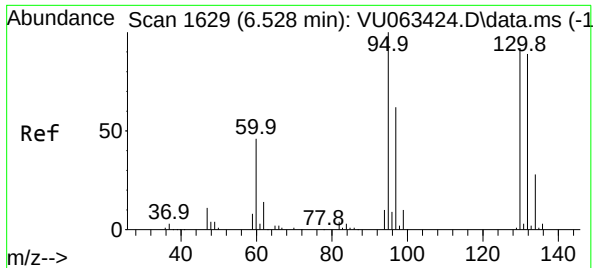
Tgt Ion: 78 Resp: 123649
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.2



#36
1,2-Dichloroethane
Concen: 2.086 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion: 62 Resp: 36602
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7





#37

Trichloroethene

Concen: 2.009 ug/l

RT: 6.531 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

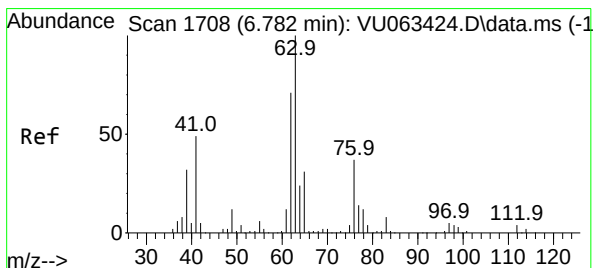
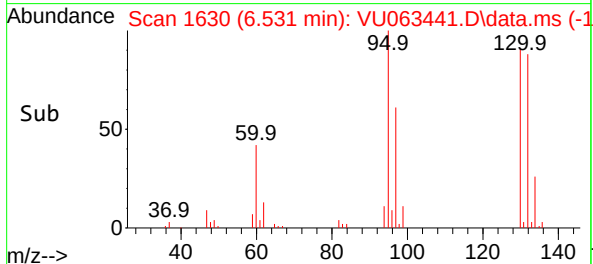
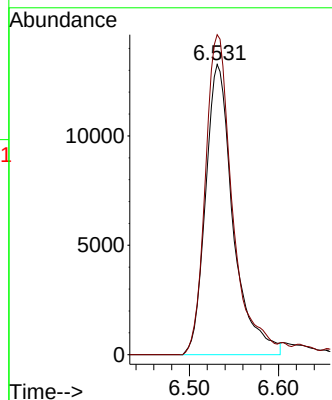
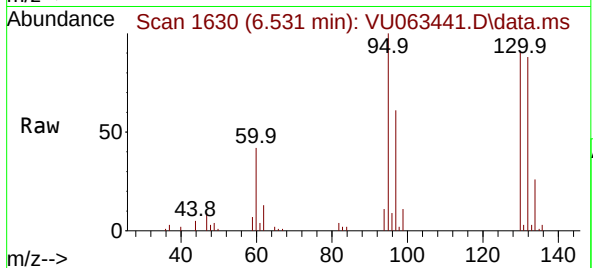
VU0624WBSD02

Tgt Ion:130 Resp: 28500

Ion Ratio Lower Upper

130 100

95 110.3 87.2 130.8



#38

1,2-Dichloropropane

Concen: 2.127 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VU063441.D

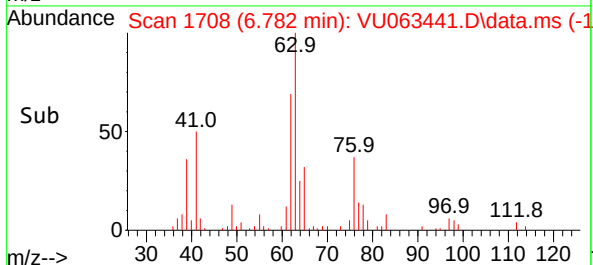
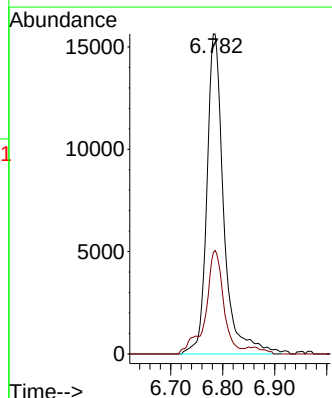
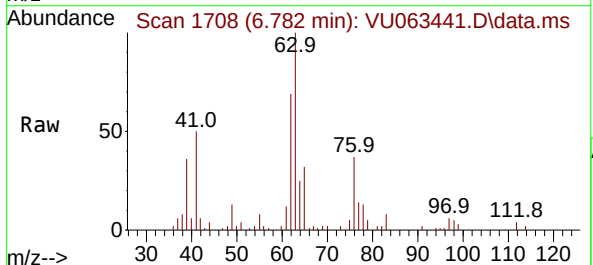
Acq: 24 Jun 2025 16:53

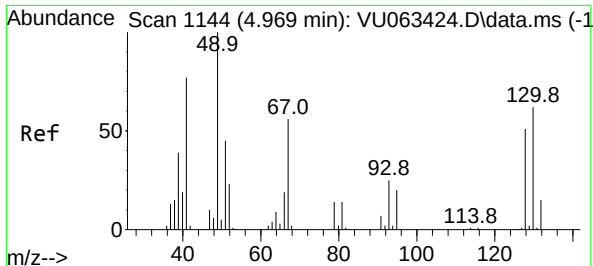
Tgt Ion: 63 Resp: 35271

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.6





#39

Methacrylonitrile

Concen: 1.768 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD02

Tgt Ion: 41 Resp: 10380

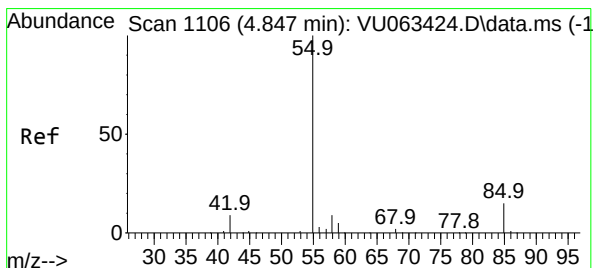
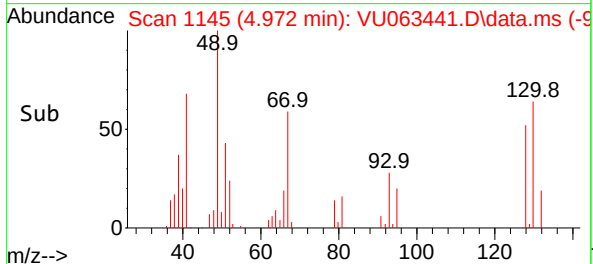
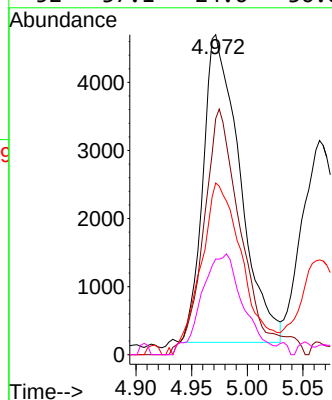
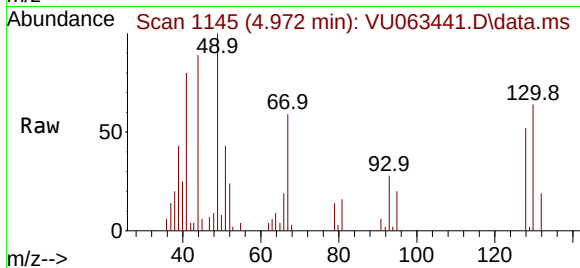
Ion Ratio Lower Upper

41 100

67 81.9 59.8 89.8

39 63.9 40.7 61.1#

52 37.1 24.6 36.8#



#40

Methyl acrylate

Concen: 2.071 ug/l

RT: 4.853 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Tgt Ion: 55 Resp: 17072

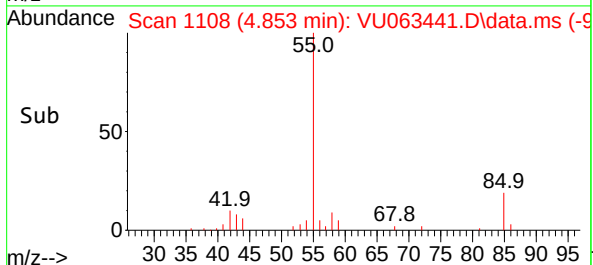
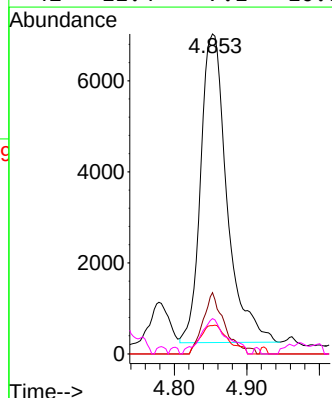
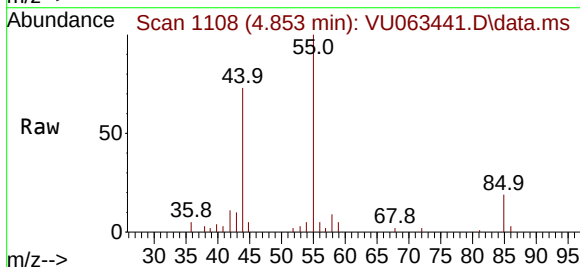
Ion Ratio Lower Upper

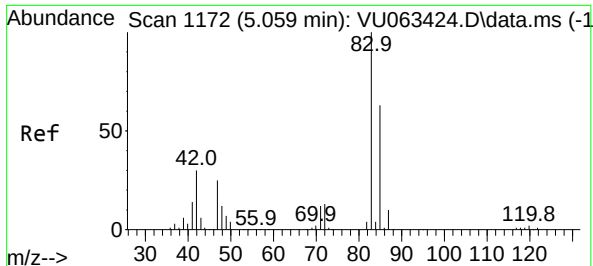
55 100

85 15.8 12.6 19.0

58 9.9 6.9 10.3

42 11.4 7.1 10.7#





#41

Tetrahydrofuran

Concen: 4.082 ug/l

RT: 5.065 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD02

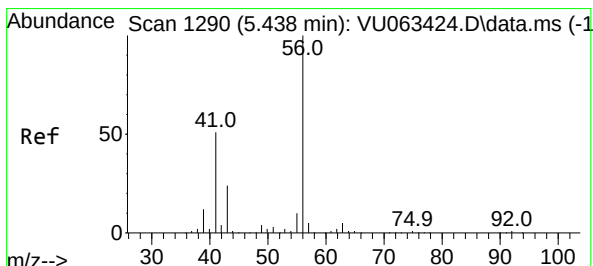
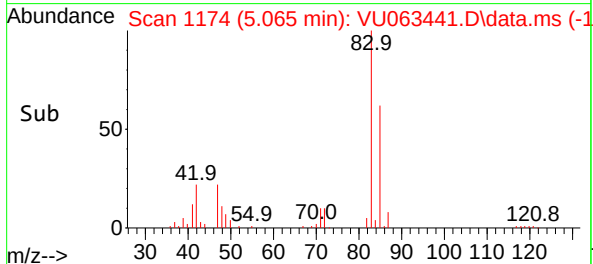
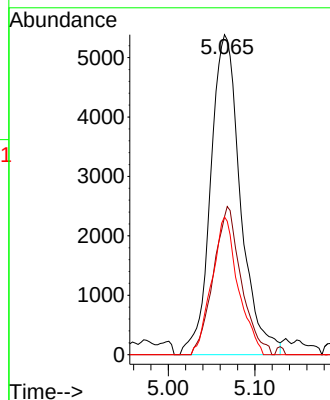
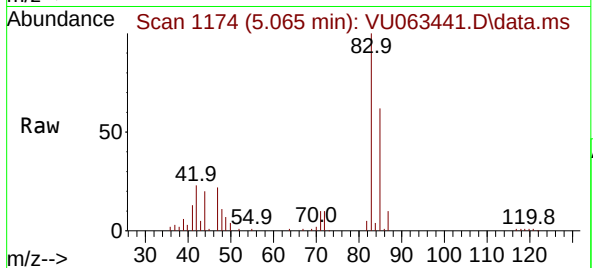
Tgt Ion: 42 Resp: 12893

Ion Ratio Lower Upper

42 100

72 43.2 35.4 53.2

71 38.0 31.4 47.0



#42

1-Chlorobutane

Concen: 1.801 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VU063441.D

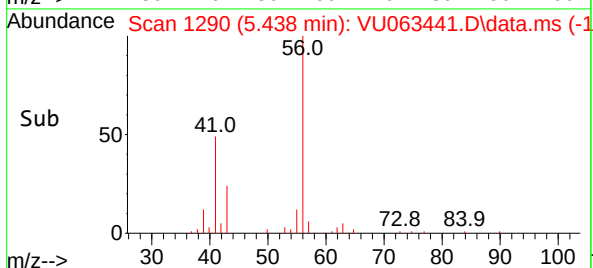
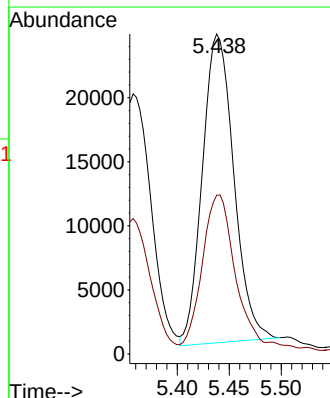
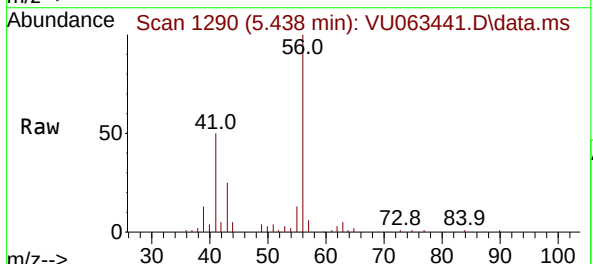
Acq: 24 Jun 2025 16:53

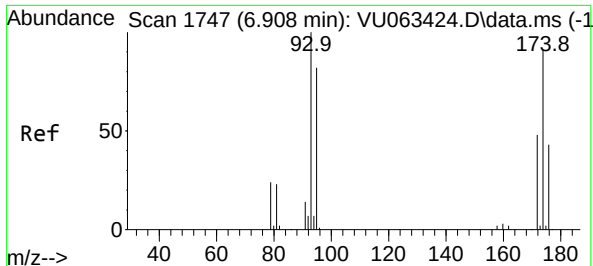
Tgt Ion: 56 Resp: 50714

Ion Ratio Lower Upper

56 100

41 53.6 26.4 79.0

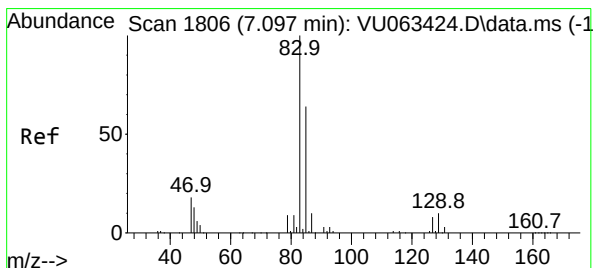
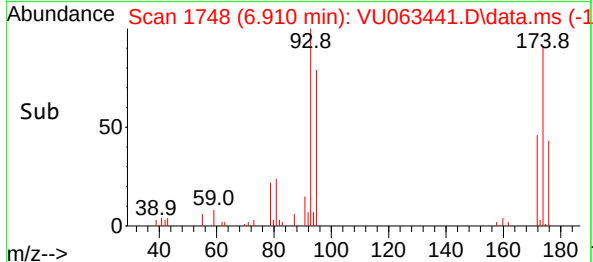
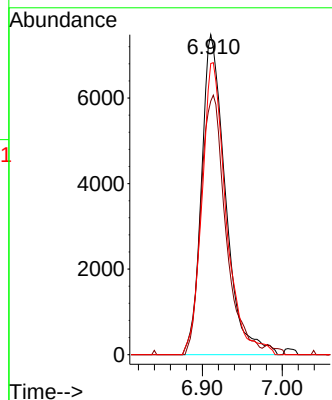
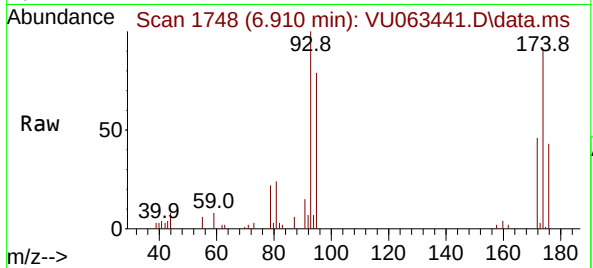




#43
Dibromomethane
Concen: 2.015 ug/l
RT: 6.910 min Scan# 11
Delta R.T. 0.002 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

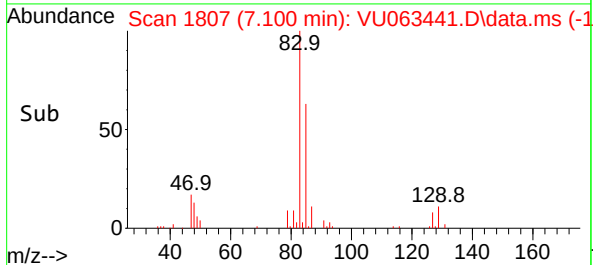
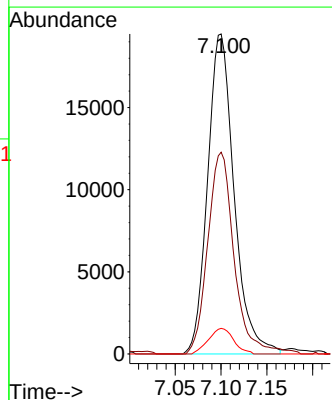
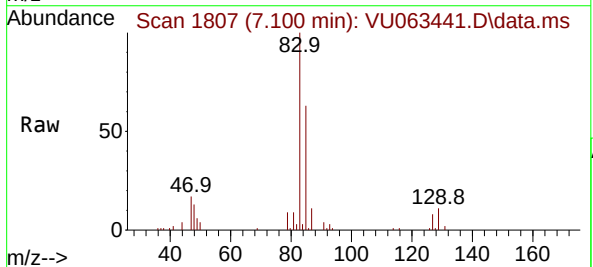
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

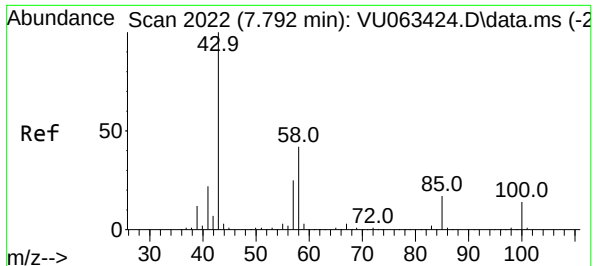
Tgt Ion: 93 Resp: 15607
Ion Ratio Lower Upper
93 100
95 84.0 66.7 100.1
174 91.8 71.1 106.7



#44
Bromodichloromethane
Concen: 2.075 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion: 83 Resp: 39158
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.2
127 9.0 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 9.319 ug/l

RT: 7.798 min Scan# 2022

Delta R.T. 0.006 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD02

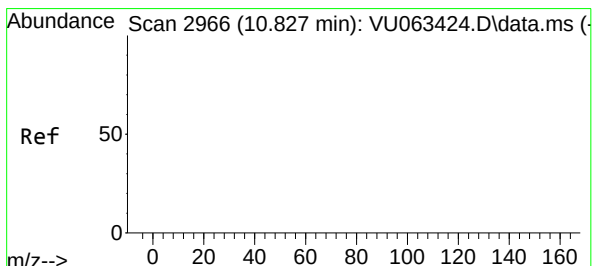
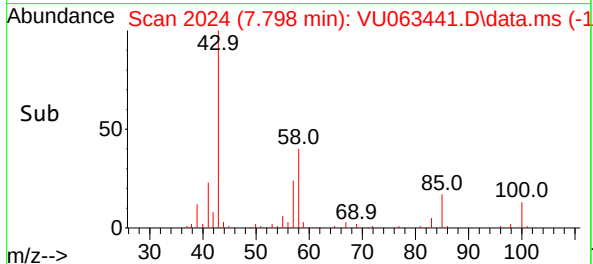
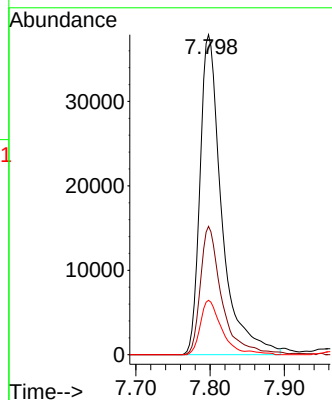
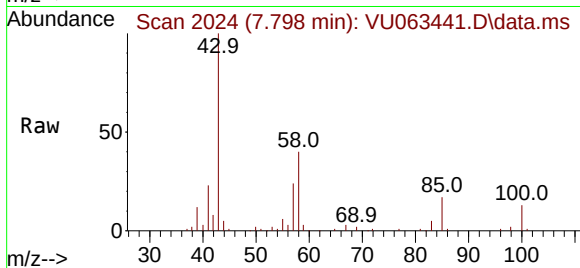
Tgt Ion: 43 Resp: 77486

Ion Ratio Lower Upper

43 100

58 39.5 20.5 61.6

85 16.1 14.2 21.2



#46

t-1,4-Dichloro-2-butene

Concen: 11.184 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Tgt Ion: 75 Resp: 30567

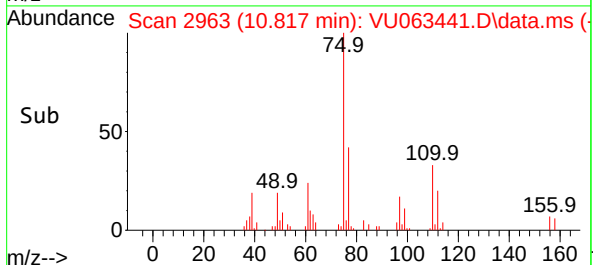
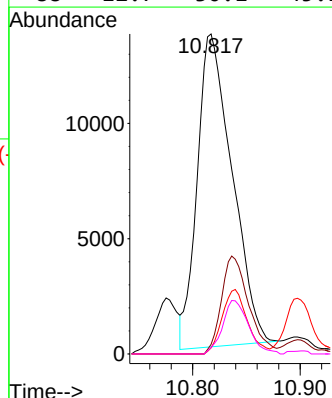
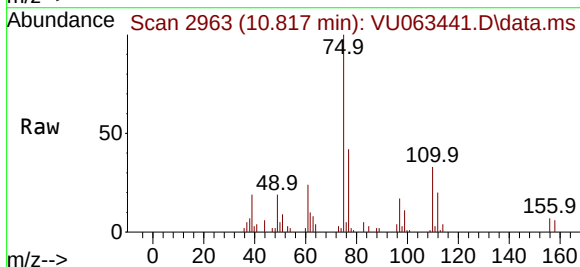
Ion Ratio Lower Upper

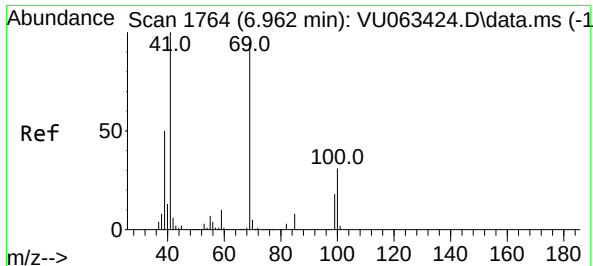
75 100

53 24.5 61.4 92.2#

89 14.9 39.2 58.8#

88 12.7 30.1 45.1#





#47

Methyl methacrylate

Concen: 3.781 ug/l

RT: 6.968 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD02

Tgt Ion: 69 Resp: 22170

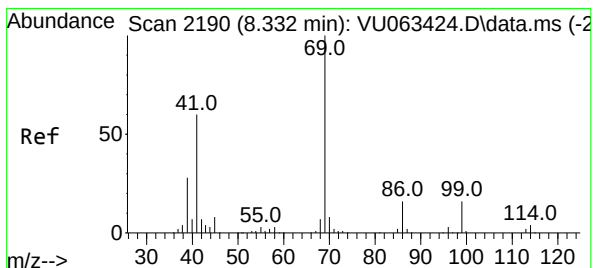
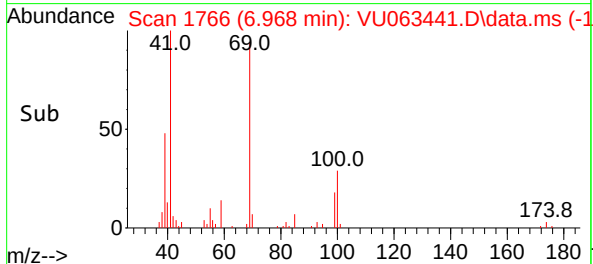
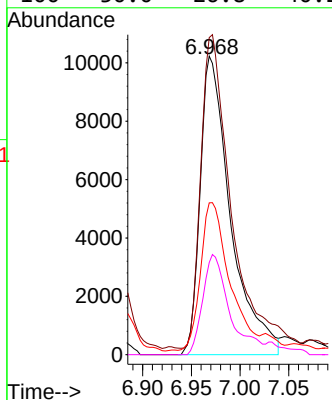
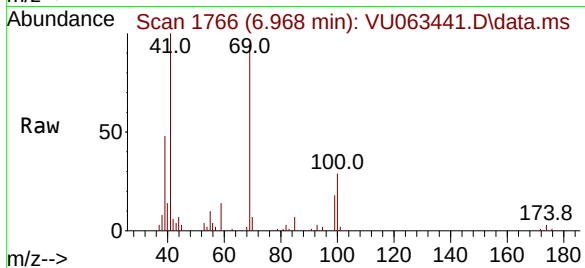
Ion Ratio Lower Upper

69 100

41 105.5 0.0 212.6

39 47.1 40.6 61.0

100 30.0 26.8 40.2



#48

Ethyl methacrylate

Concen: 2.042 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU063441.D

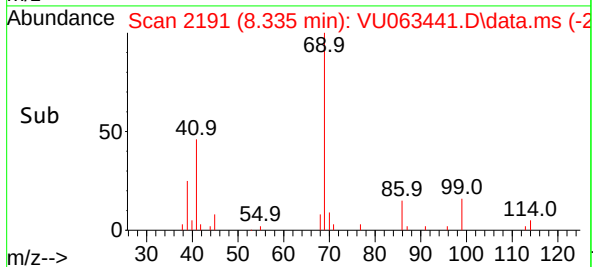
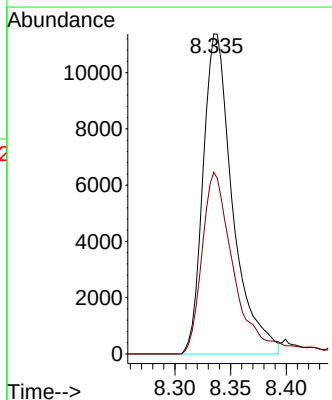
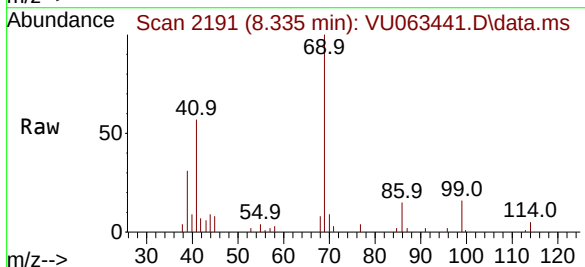
Acq: 24 Jun 2025 16:53

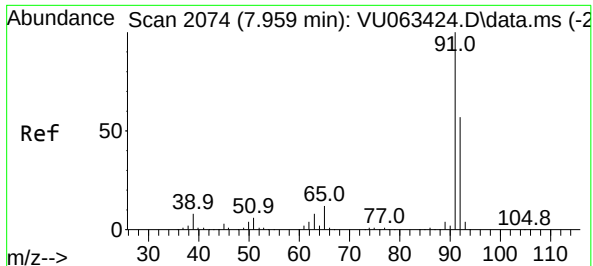
Tgt Ion: 69 Resp: 21007

Ion Ratio Lower Upper

69 100

41 62.7 30.6 92.0





#49

Toluene

Concen: 1.941 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

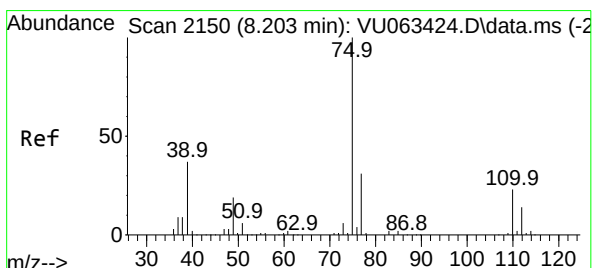
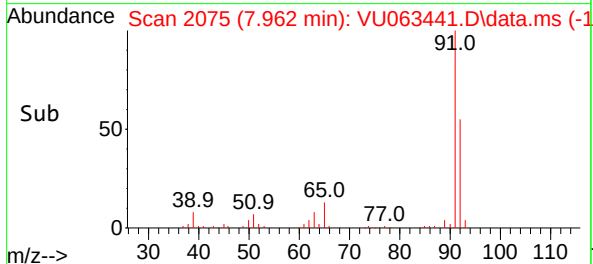
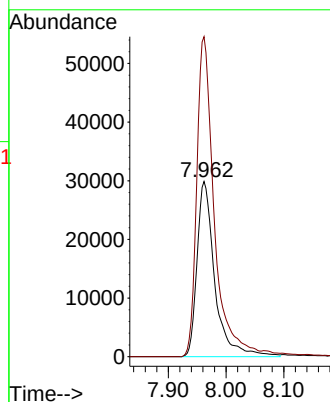
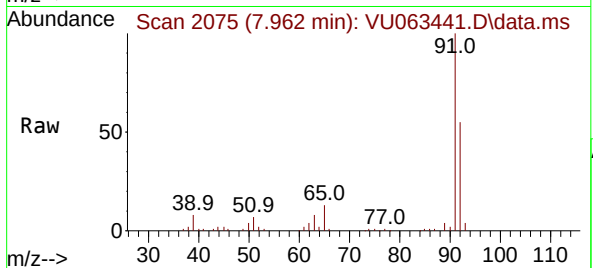
VU0624WBSD02

Tgt Ion: 92 Resp: 63985

Ion Ratio Lower Upper

92 100

91 178.3 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 1.948 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063441.D

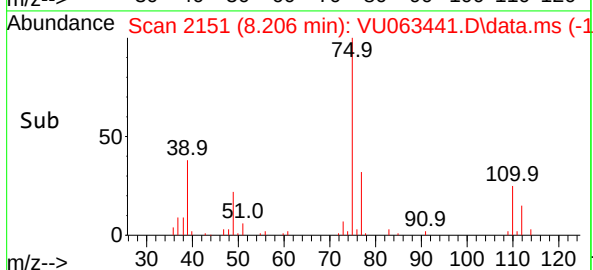
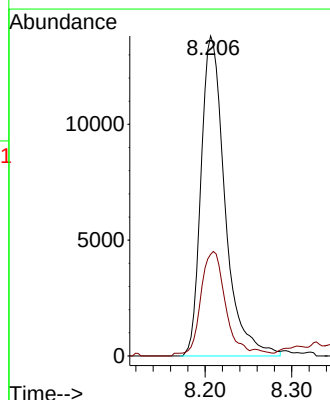
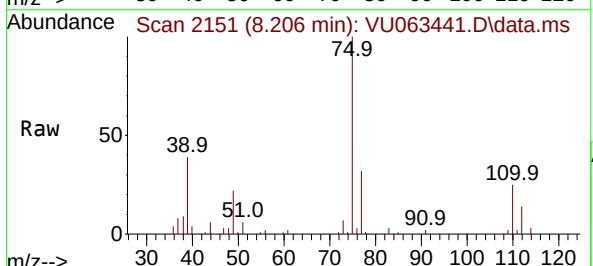
Acq: 24 Jun 2025 16:53

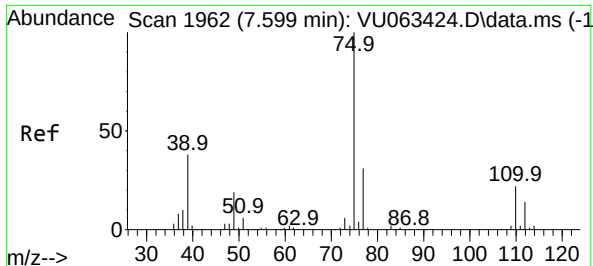
Tgt Ion: 75 Resp: 26506

Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7





#51

cis-1,3-Dichloropropene

Concen: 1.985 ug/l

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD02

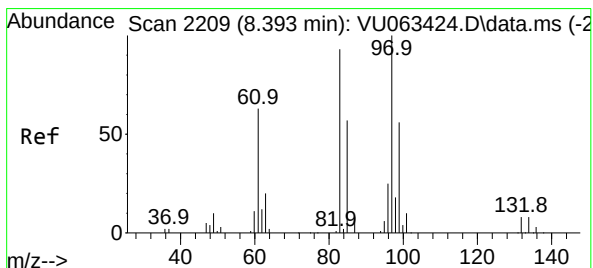
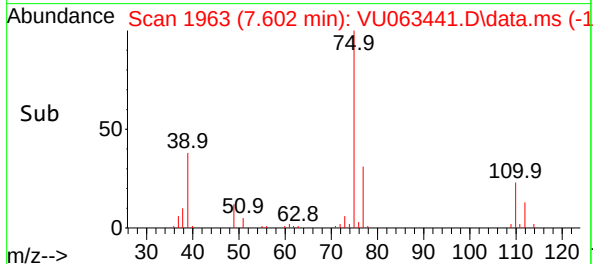
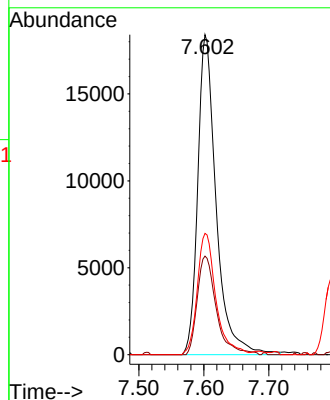
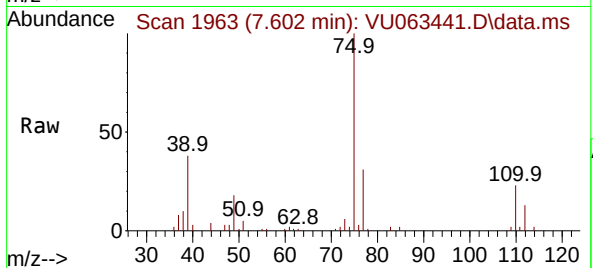
Tgt Ion: 75 Resp: 36277

Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 37.9 30.7 46.1



#52

1,1,2-Trichloroethane

Concen: 2.126 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Tgt Ion: 97 Resp: 24079

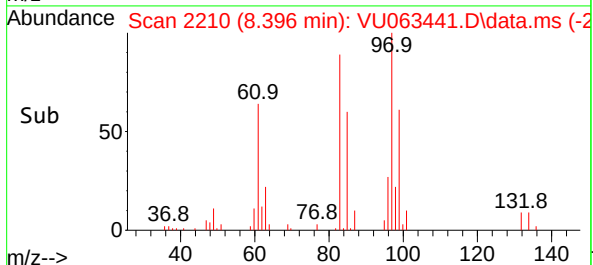
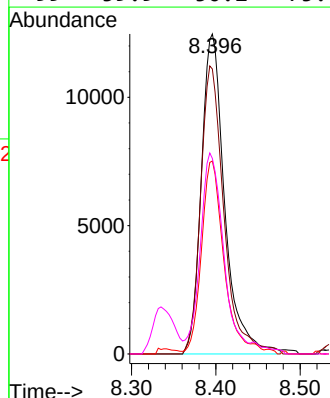
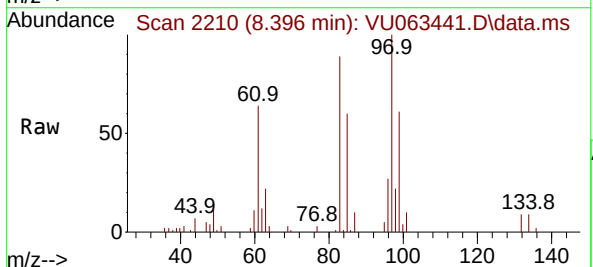
Ion Ratio Lower Upper

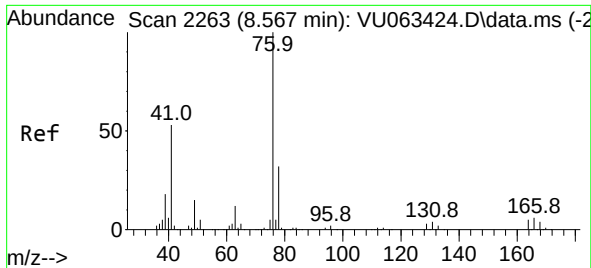
97 100

83 89.1 74.1 111.1

85 60.3 45.8 68.8

99 59.9 50.2 75.4





#53

1,3-Dichloropropane

Concen: 2.017 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

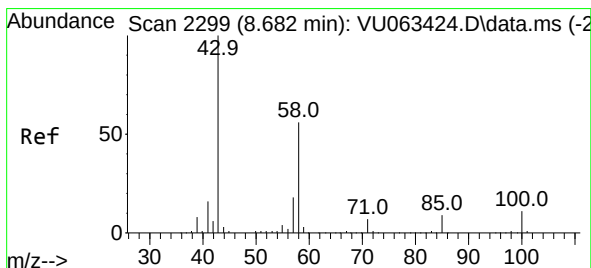
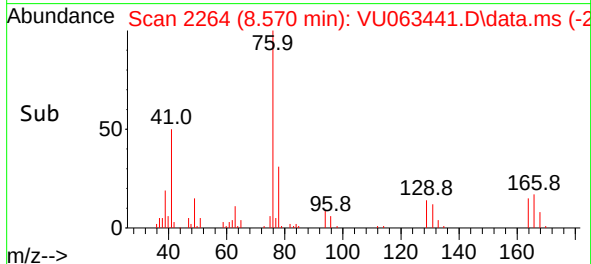
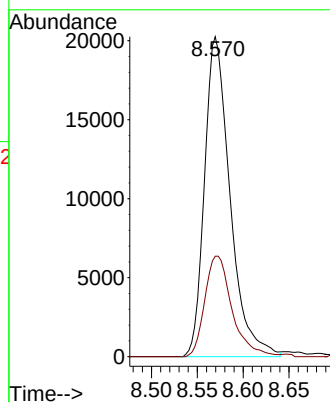
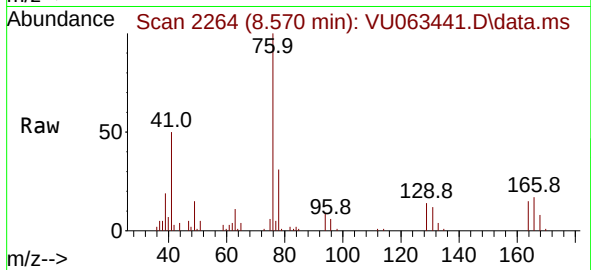
VU0624WBSD02

Tgt Ion: 76 Resp: 39288

Ion Ratio Lower Upper

76 100

78 33.5 25.7 38.5



#54

2-Hexanone

Concen: 9.877 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.010 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

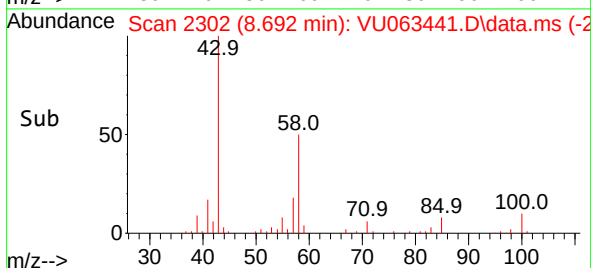
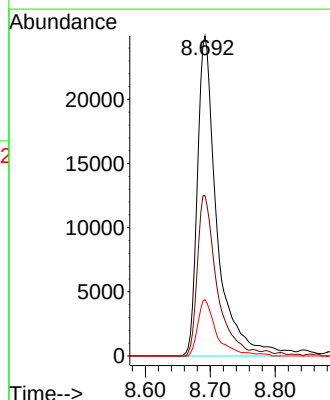
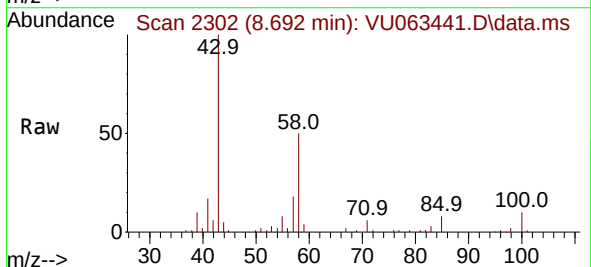
Tgt Ion: 43 Resp: 52108

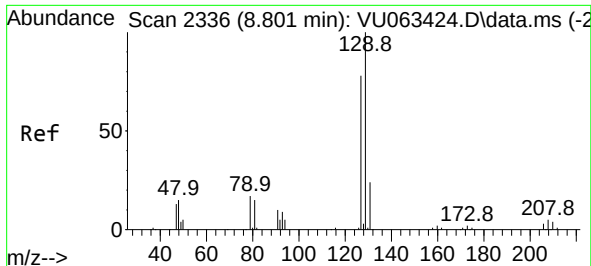
Ion Ratio Lower Upper

43 100

58 49.7 36.9 76.9

57 16.8 0.0 38.8





#55

Dibromochloromethane

Concen: 2.025 ug/l

RT: 8.801 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

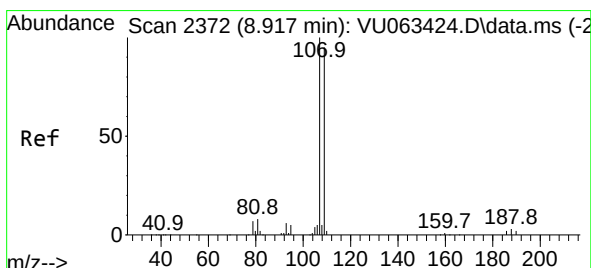
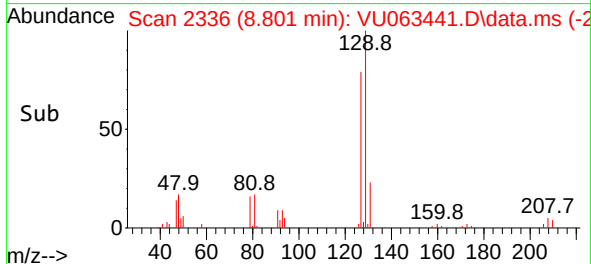
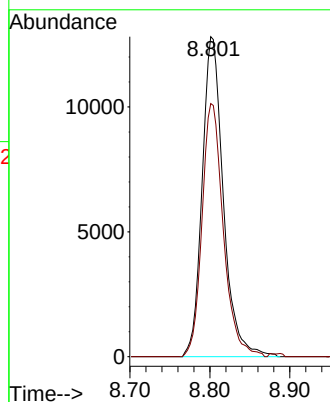
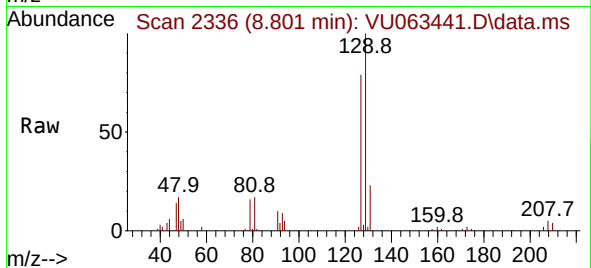
VU0624WBSD02

Tgt Ion:129 Resp: 23656

Ion Ratio Lower Upper

129 100

127 79.5 62.6 93.8



#56

1,2-Dibromoethane

Concen: 2.120 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.003 min

Lab File: VU063441.D

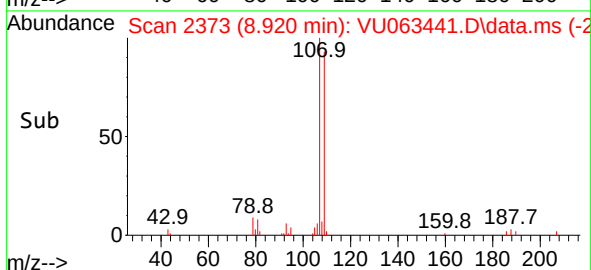
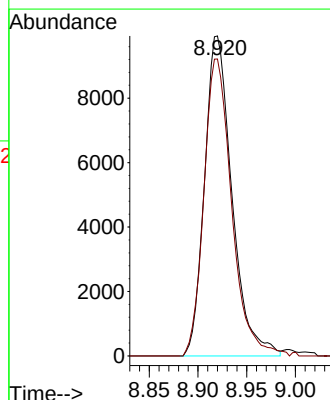
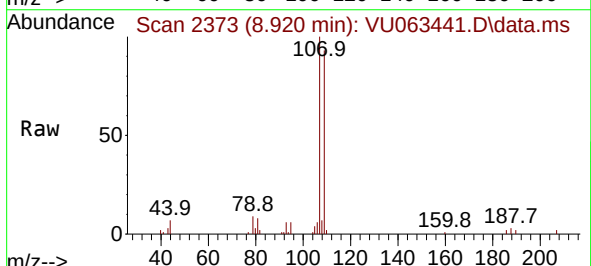
Acq: 24 Jun 2025 16:53

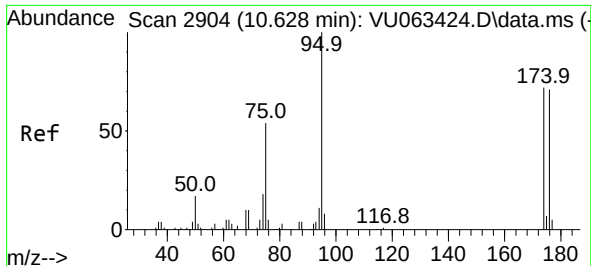
Tgt Ion:107 Resp: 19461

Ion Ratio Lower Upper

107 100

109 94.0 0.0 188.0

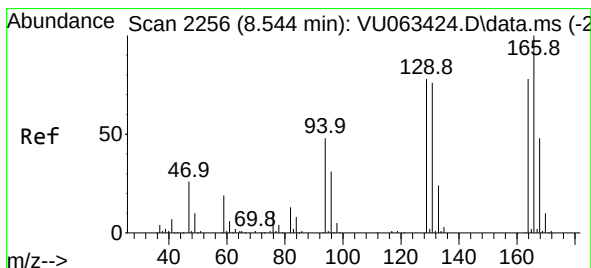
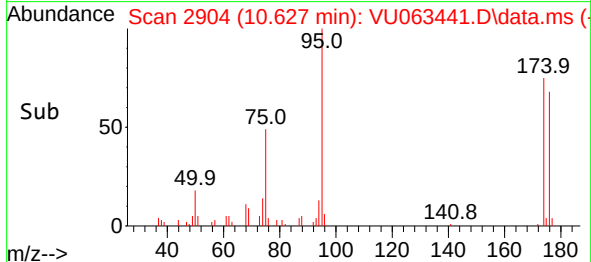
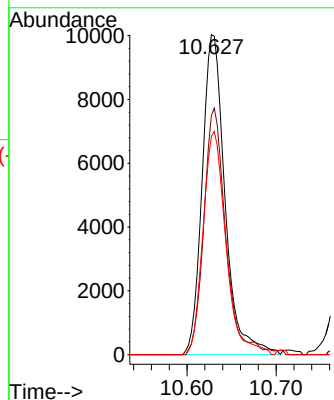
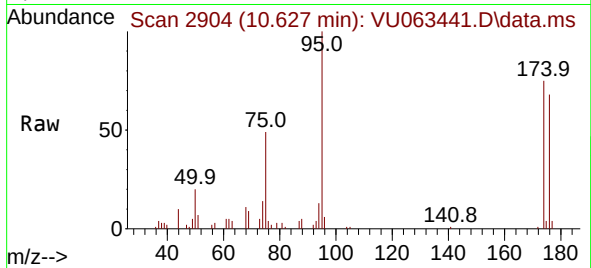




#57
4-Bromofluorobenzene
Concen: 1.058 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

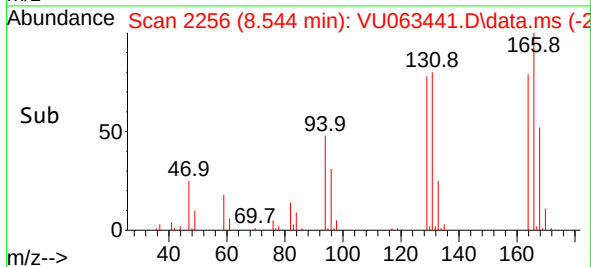
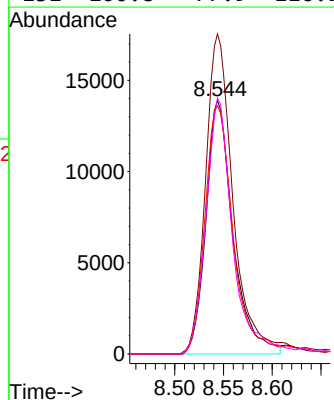
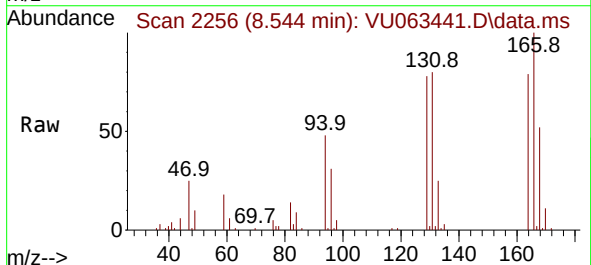
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

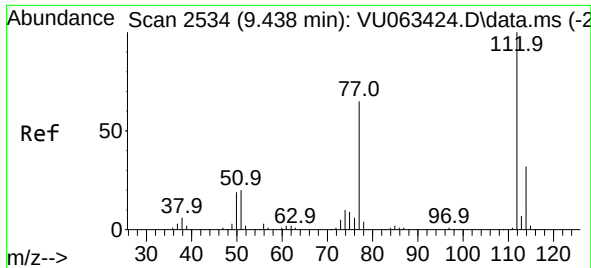
Tgt Ion: 95 Resp: 17902
Ion Ratio Lower Upper
95 100
174 73.8 59.4 89.2
176 69.7 57.8 86.6



#58
Tetrachloroethene
Concen: 1.922 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion: 164 Resp: 26751
Ion Ratio Lower Upper
164 100
166 126.2 102.8 154.2
129 97.9 80.2 120.2
131 100.8 77.9 116.9

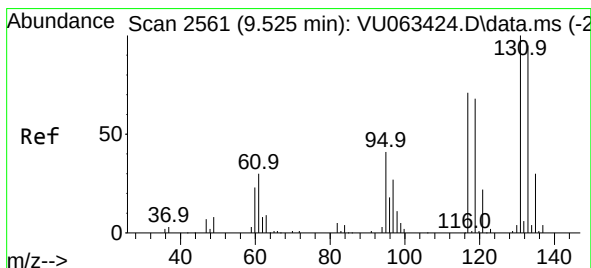
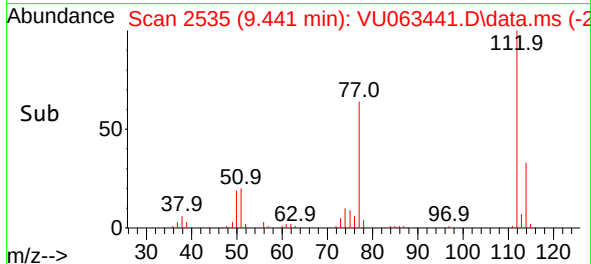
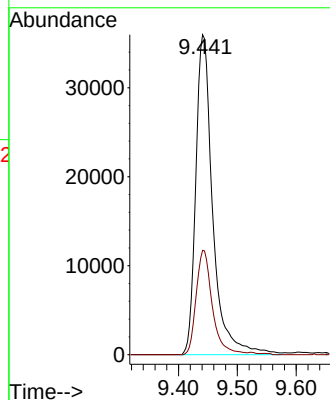
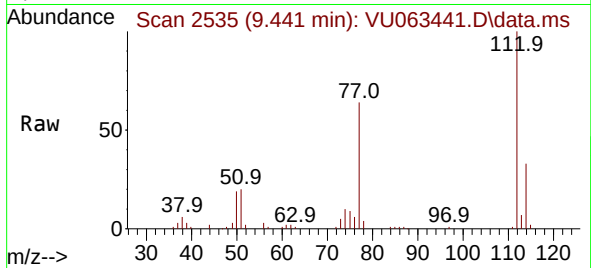




#59
Chlorobenzene
Concen: 2.037 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

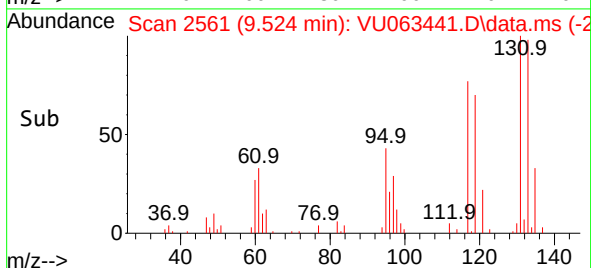
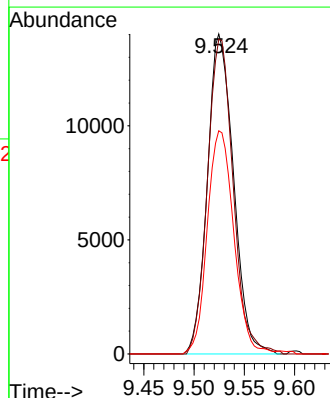
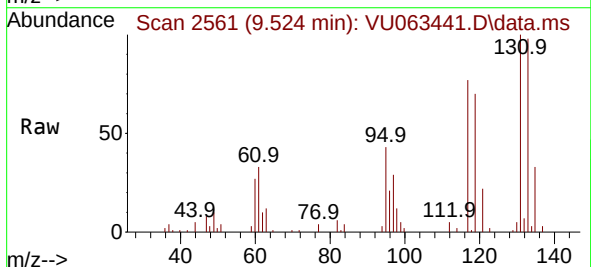
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

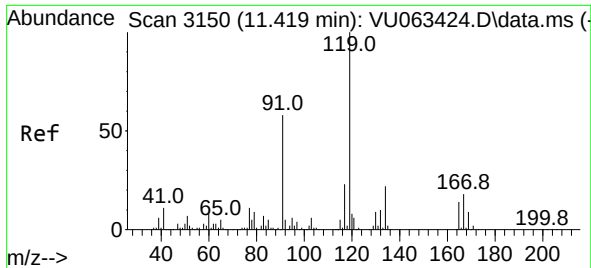
Tgt Ion:112 Resp: 71896
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#60
1,1,1,2-Tetrachloroethane
Concen: 2.000 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.001 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:131 Resp: 25398
Ion Ratio Lower Upper
131 100
133 96.7 76.1 114.1
119 70.6 53.7 80.5

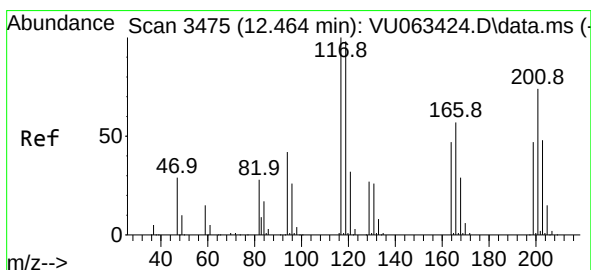
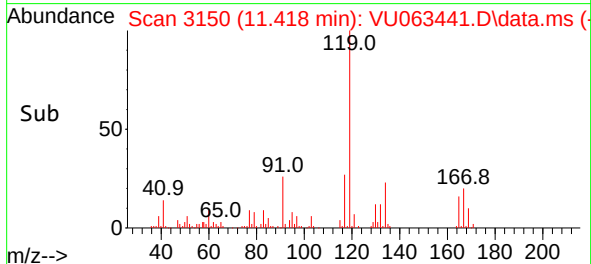
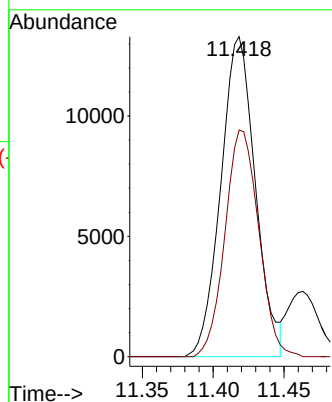
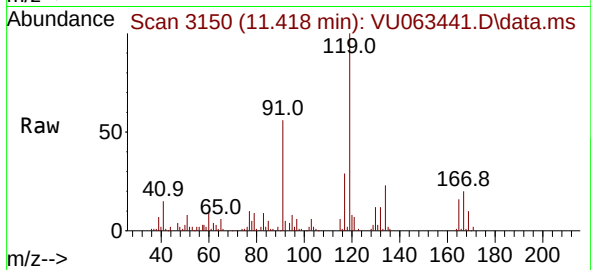




#61
Pentachloroethane
Concen: 2.181 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

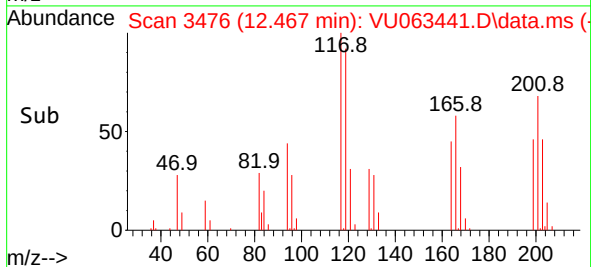
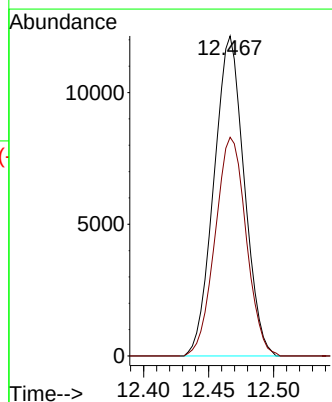
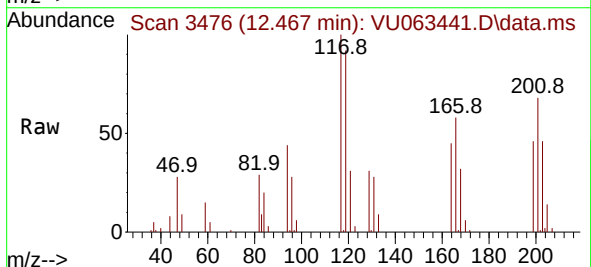
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

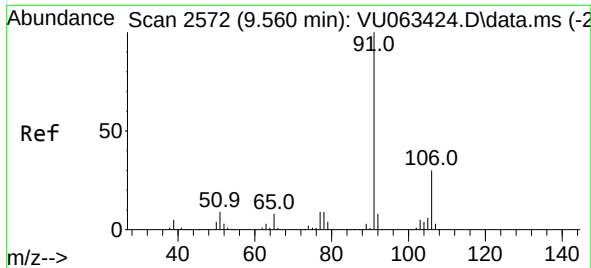
Tgt Ion:117 Resp: 22573
Ion Ratio Lower Upper
117 100
167 69.2 58.1 87.1



#62
Hexachloroethane
Concen: 2.113 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:117 Resp: 19661
Ion Ratio Lower Upper
117 100
201 70.1 60.4 90.6

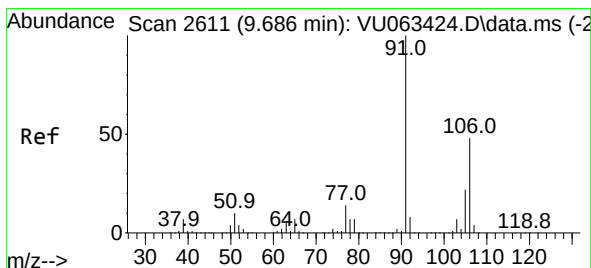
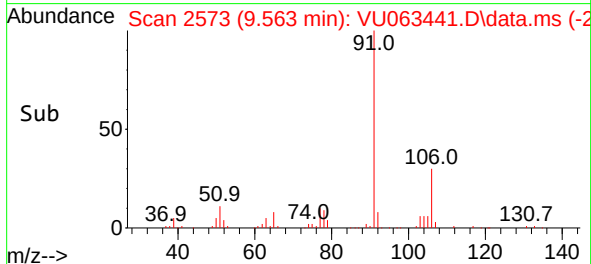
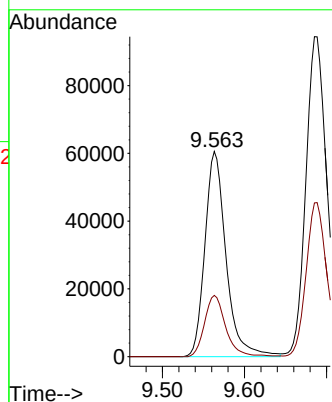
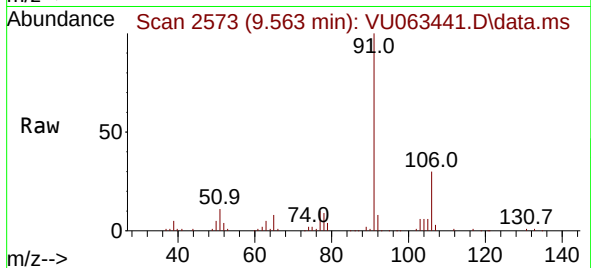




#63
Ethyl Benzene
Concen: 1.918 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

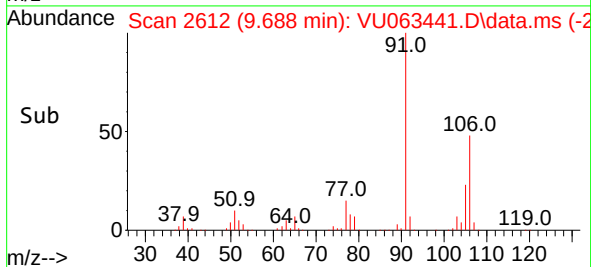
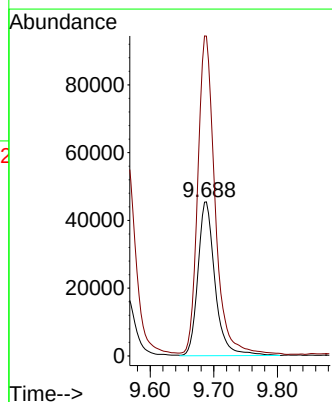
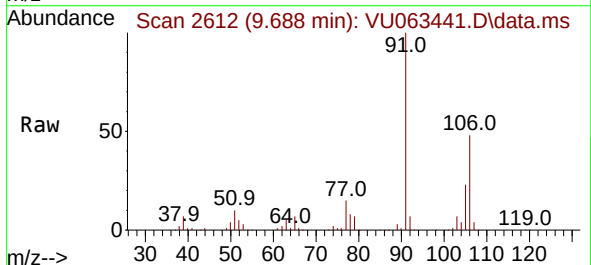
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

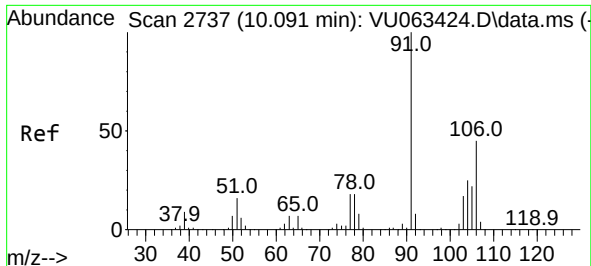
Tgt Ion: 91 Resp: 108496
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2



#64
m/p-Xylenes
Concen: 3.833 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion: 106 Resp: 84790
Ion Ratio Lower Upper
106 100
91 209.9 169.9 254.9

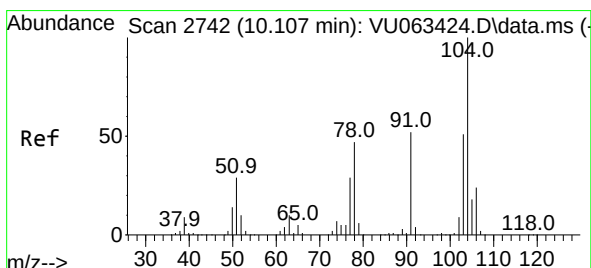
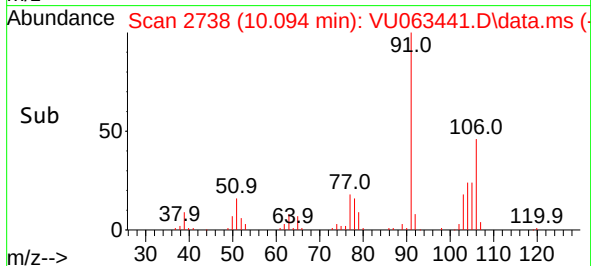
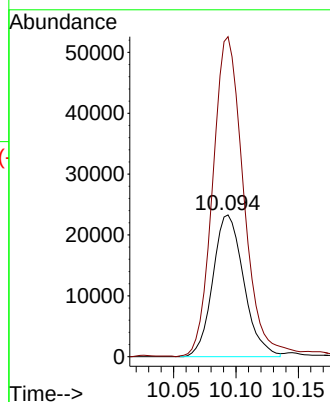
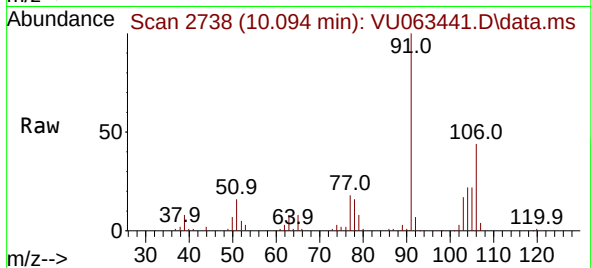




#65
o-Xylene
Concen: 1.874 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

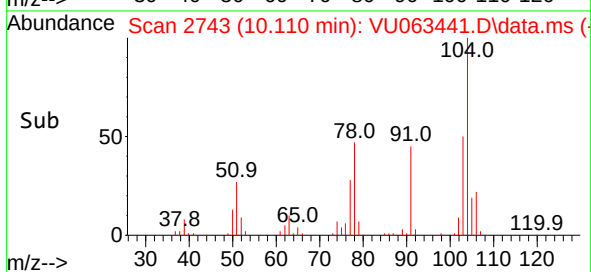
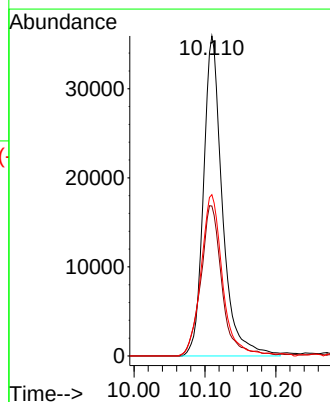
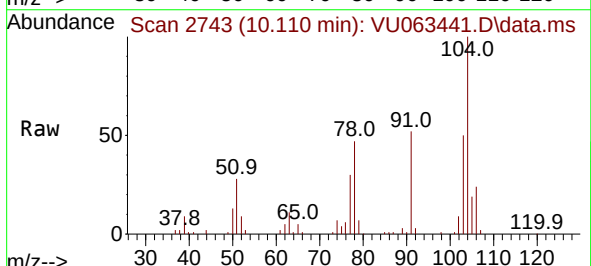
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

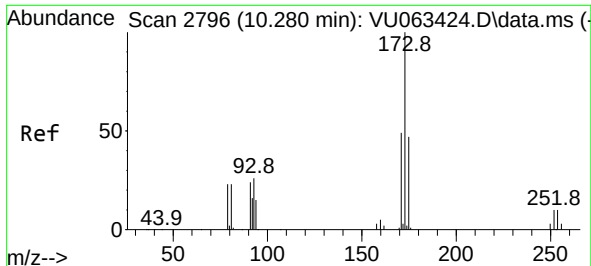
Tgt Ion:106 Resp: 40277
Ion Ratio Lower Upper
106 100
91 225.9 110.8 332.3



#66
Styrene
Concen: 1.902 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:104 Resp: 66749
Ion Ratio Lower Upper
104 100
78 52.6 41.6 62.4
103 57.2 44.6 67.0

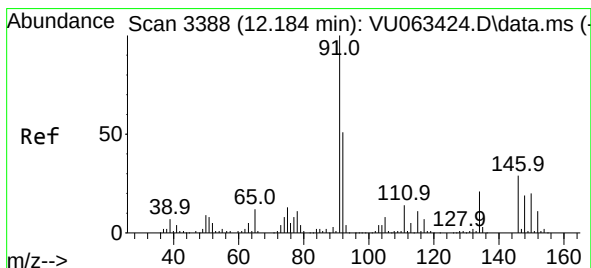
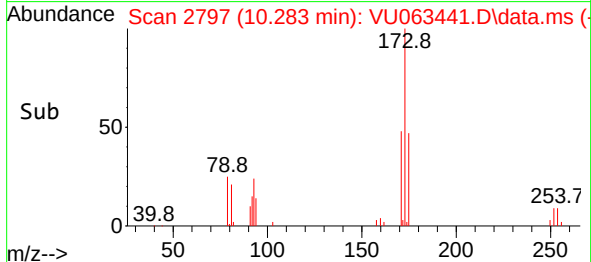
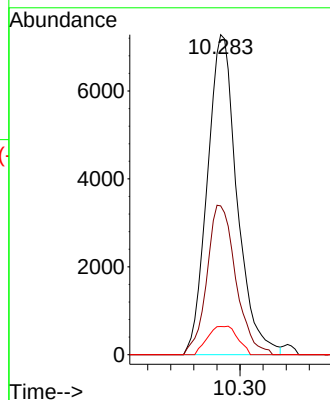
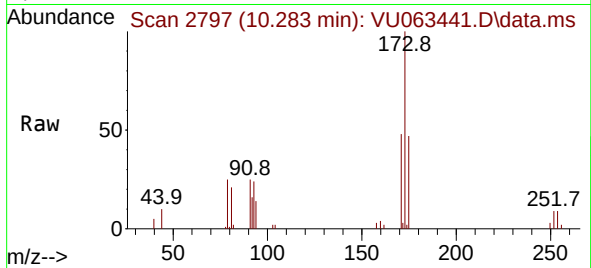




#67
Bromoform
Concen: 2.035 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

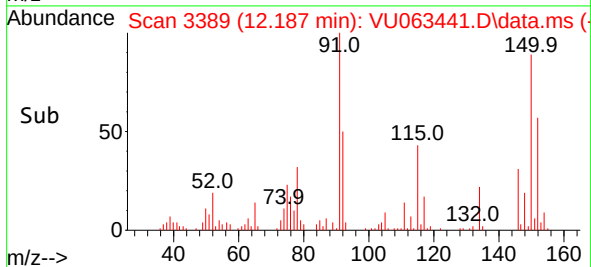
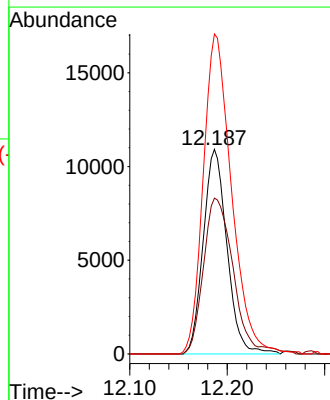
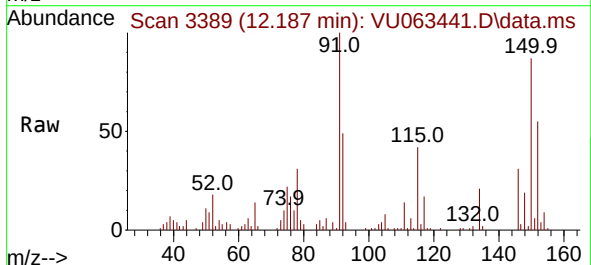
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

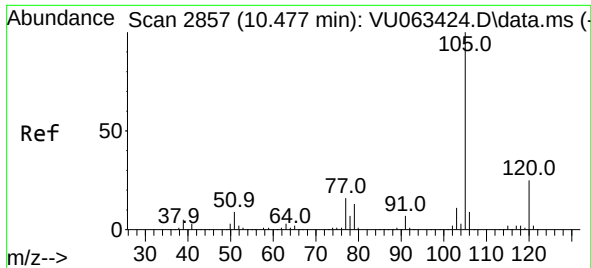
Tgt Ion:173 Resp: 12990
Ion Ratio Lower Upper
173 100
175 45.4 38.2 57.2
254 8.9 7.6 11.4



#68
1,2-Dichlorobenzene-d4
Concen: 1.086 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:152 Resp: 18449
Ion Ratio Lower Upper
152 100
115 95.8 0.0 327.6
150 186.3 0.0 664.4

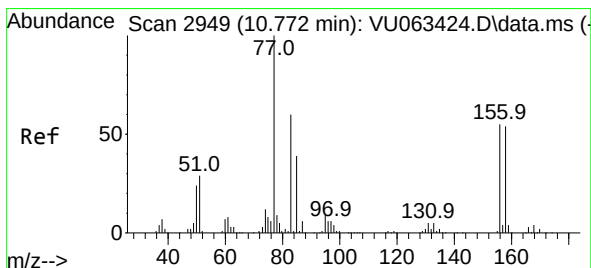
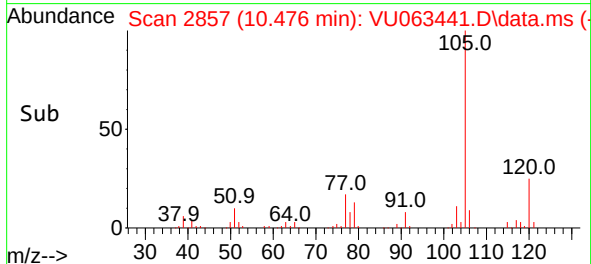
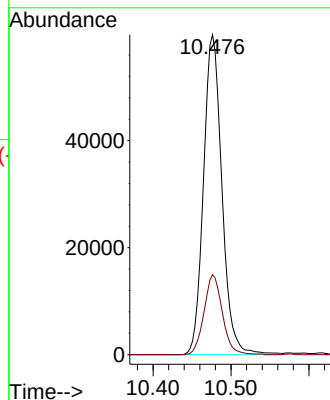
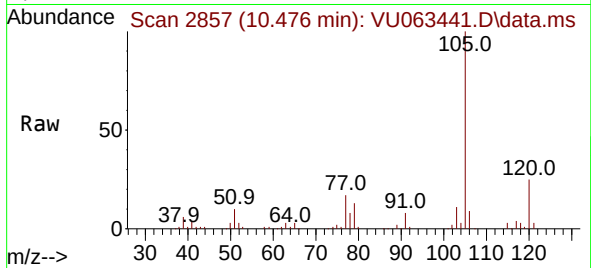




#69
Isopropylbenzene
Concen: 1.974 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

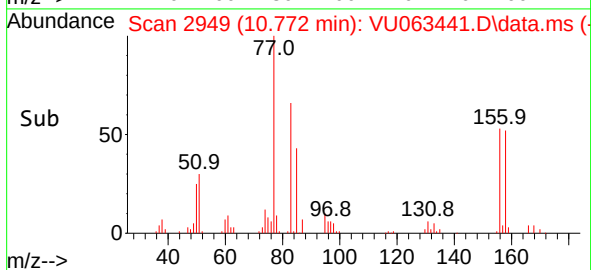
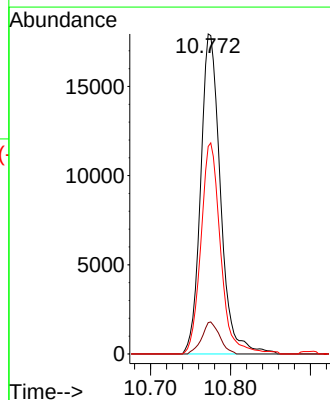
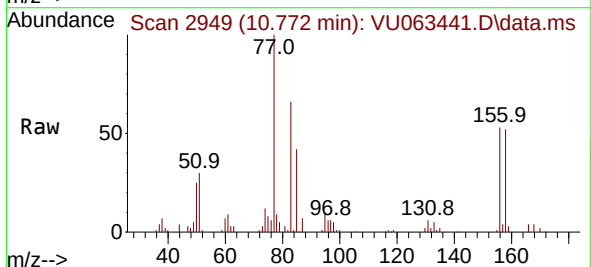
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

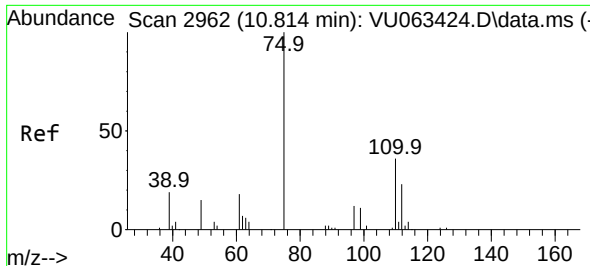
Tgt Ion:105 Resp: 98298
Ion Ratio Lower Upper
105 100
120 24.8 12.7 38.1



#70
1,1,2,2-Tetrachloroethane
Concen: 2.137 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion: 83 Resp: 30948
Ion Ratio Lower Upper
83 100
131 9.0 7.4 11.0
85 65.6 51.3 76.9

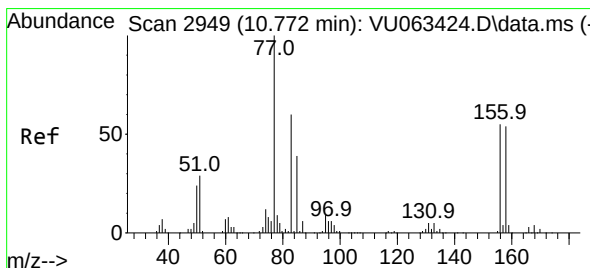
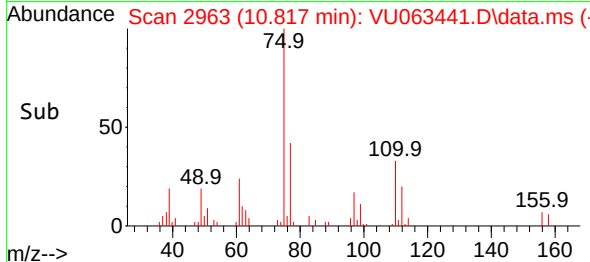
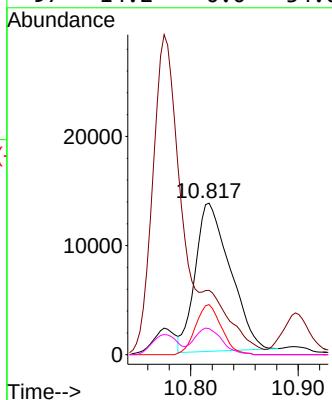
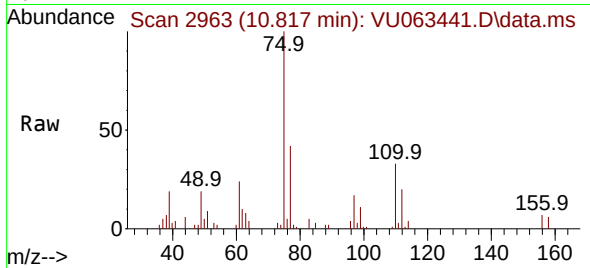




#71
1,2,3-Trichloropropane
Concen: 2.584 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

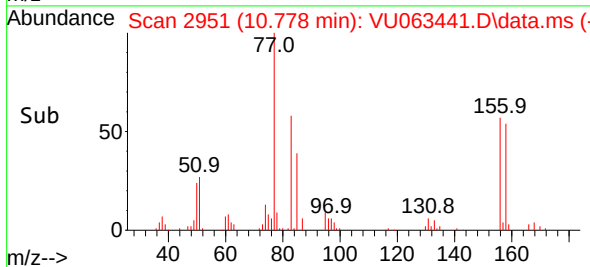
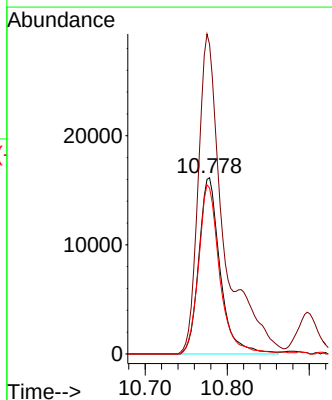
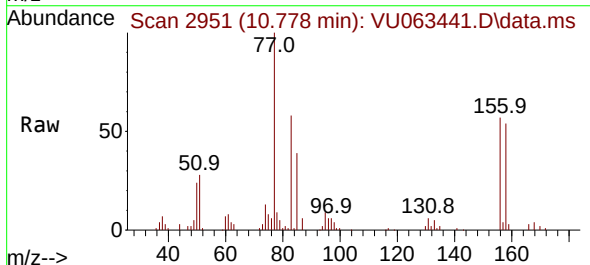
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

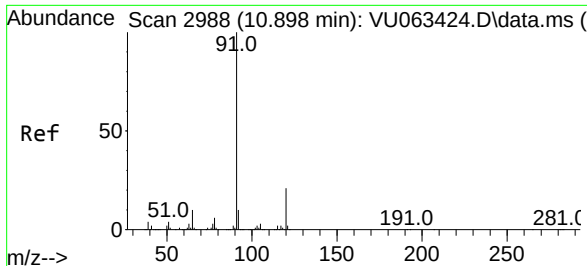
Tgt Ion:	75	Resp:	30567
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	25.2	0.0	63.4
97	14.2	0.0	34.0



#72
Bromobenzene
Concen: 2.084 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:	156	Resp:	29124
Ion	Ratio	Lower	Upper
156	100		
77	182.1	0.0	416.2
158	94.9	0.0	190.6

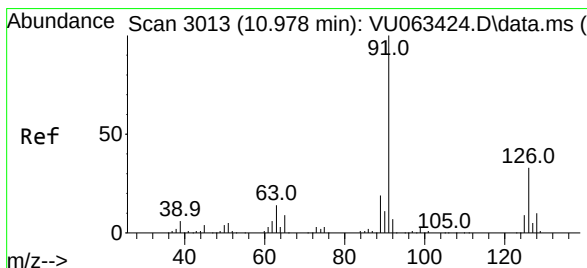
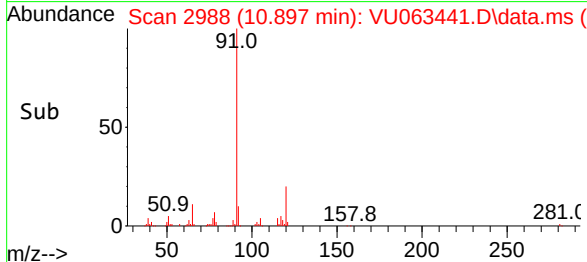
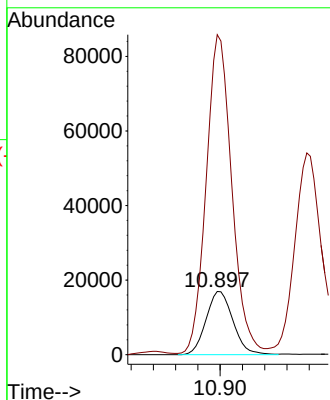
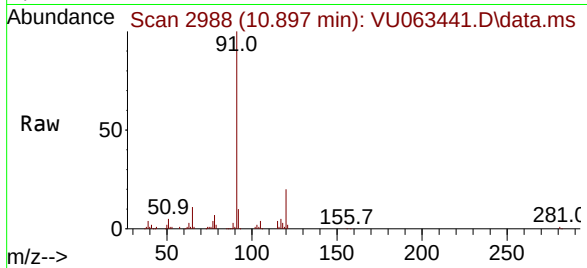




#73
n-propylbenzene
Concen: 1.882 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.001 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

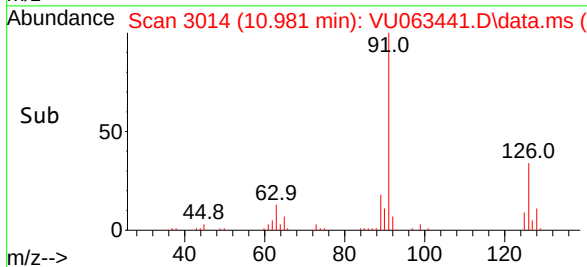
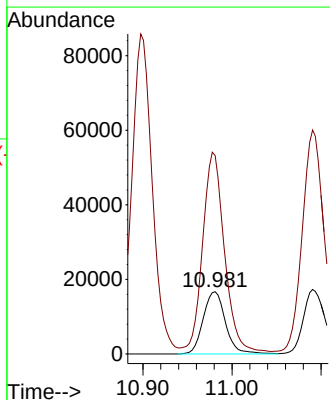
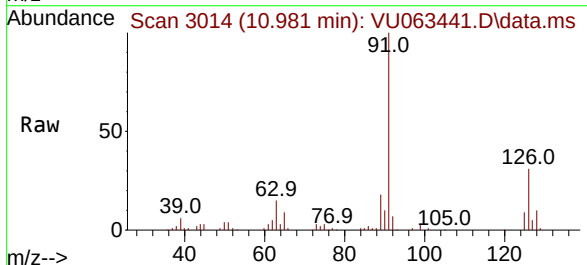
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

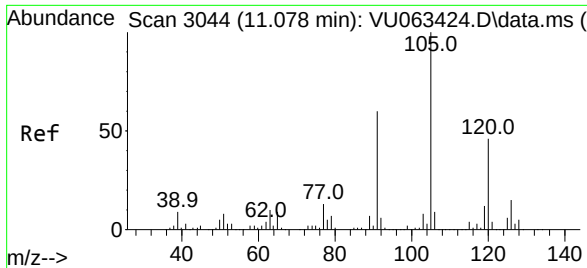
Tgt Ion:120 Resp: 28415
Ion Ratio Lower Upper
120 100
91 479.2 373.7 560.5



#74
2-Chlorotoluene
Concen: 2.097 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:126 Resp: 28970
Ion Ratio Lower Upper
126 100
91 311.6 0.0 650.8

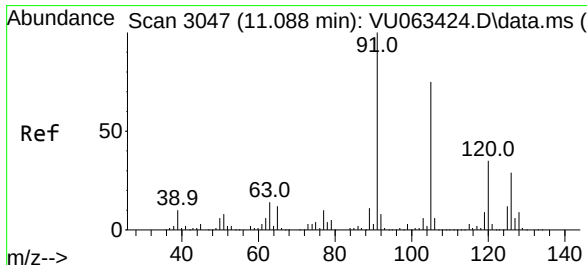
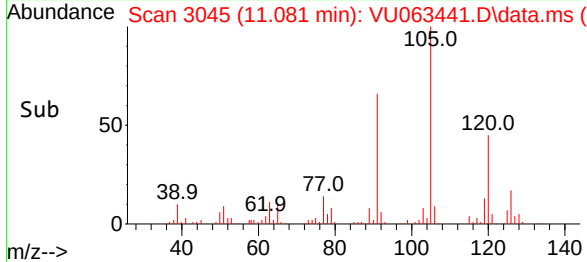
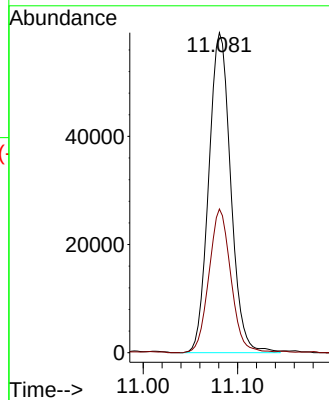
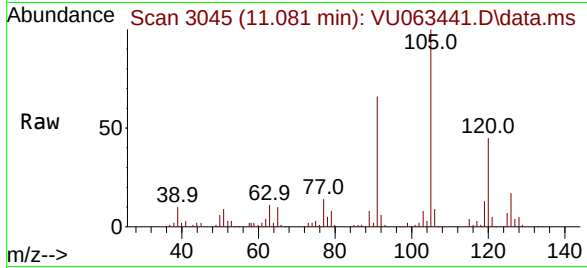




#75
1,3,5-Trimethylbenzene
Concen: 1.929 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

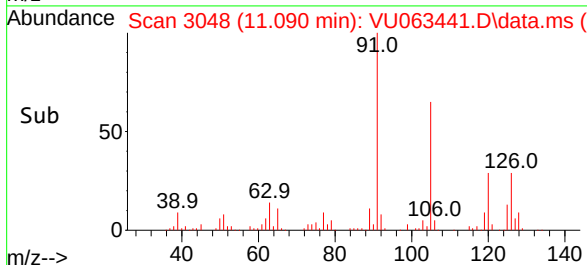
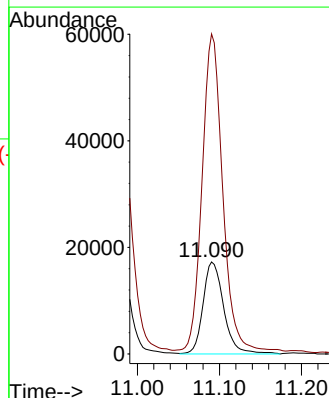
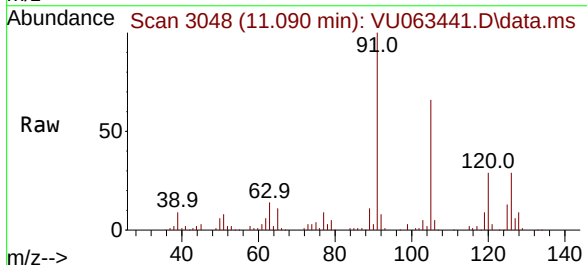
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

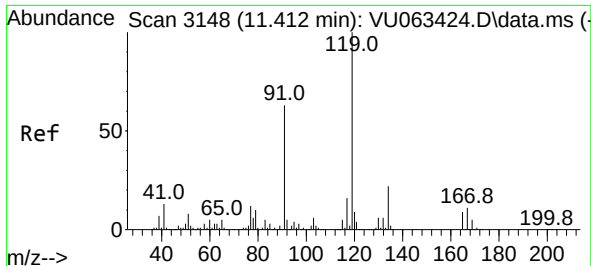
Tgt Ion:105 Resp: 95596
Ion Ratio Lower Upper
105 100
120 44.8 37.0 55.4



#76
4-Chlorotoluene
Concen: 2.093 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.002 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:126 Resp: 30293
Ion Ratio Lower Upper
126 100
91 336.7 0.0 713.2

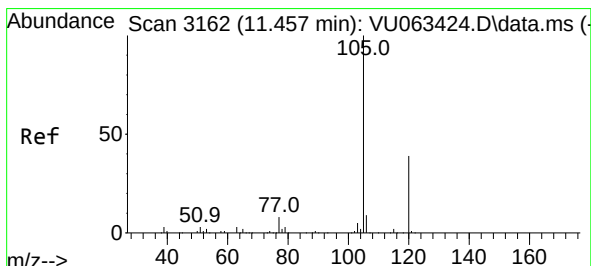
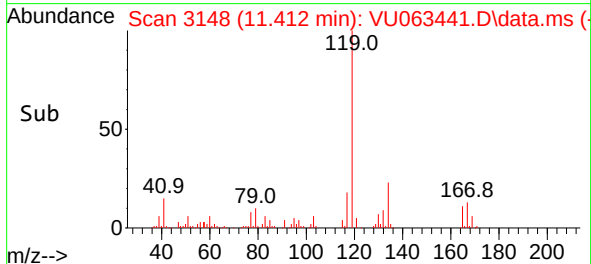
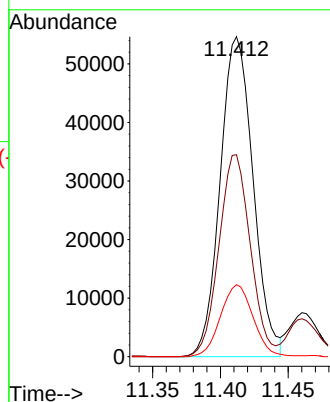
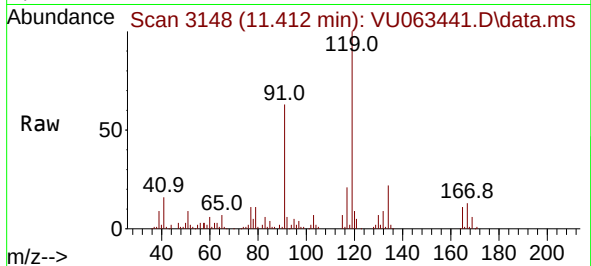




#77
tert-Butylbenzene
Concen: 2.020 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

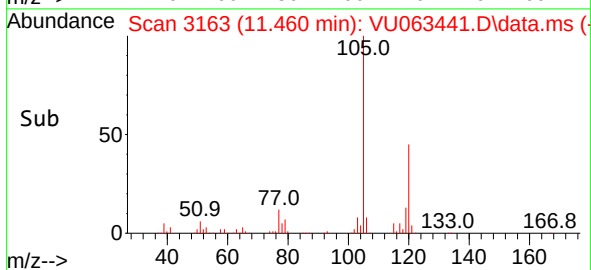
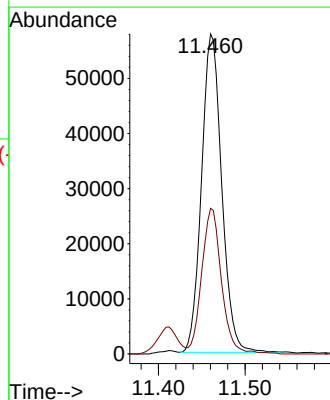
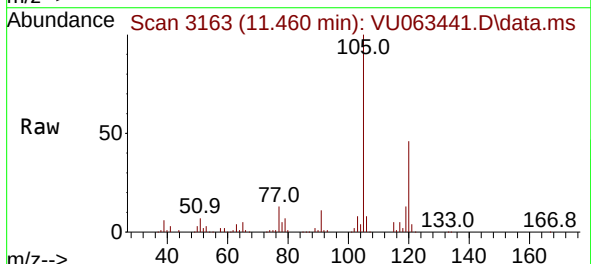
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

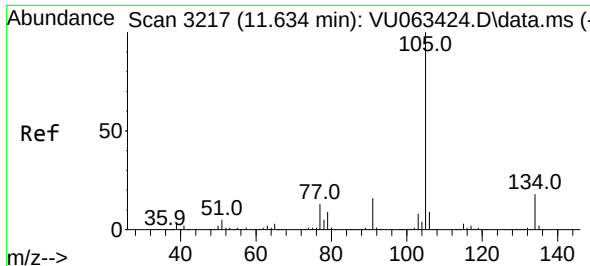
Tgt Ion:119 Resp: 92424
Ion Ratio Lower Upper
119 100
91 60.2 30.9 92.7
134 22.2 17.9 26.9



#78
1,2,4-Trimethylbenzene
Concen: 1.906 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:105 Resp: 93509
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.5

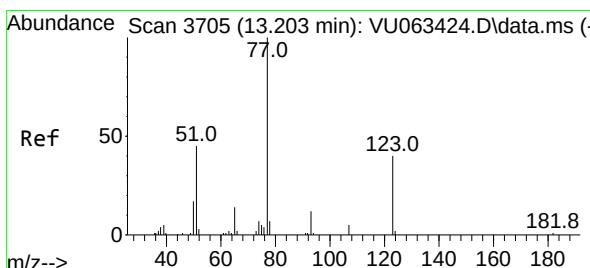
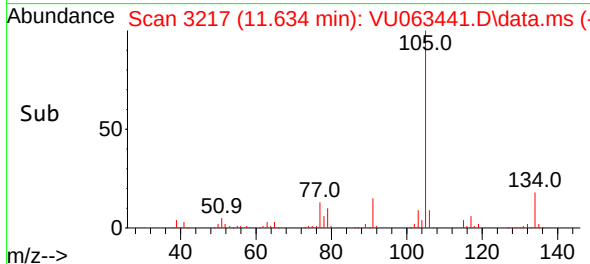
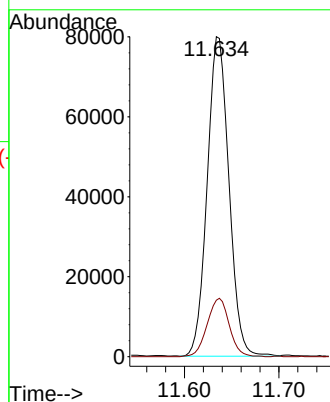
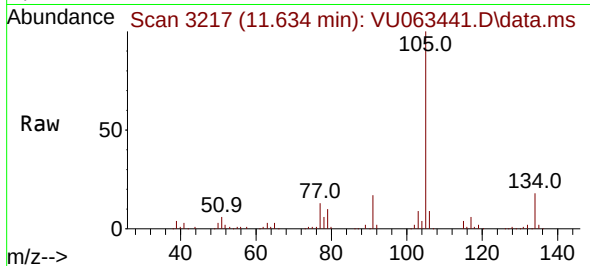




#79
 sec-Butylbenzene
 Concen: 1.967 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063441.D
 Acq: 24 Jun 2025 16:53

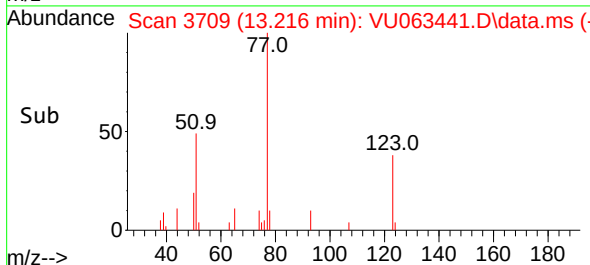
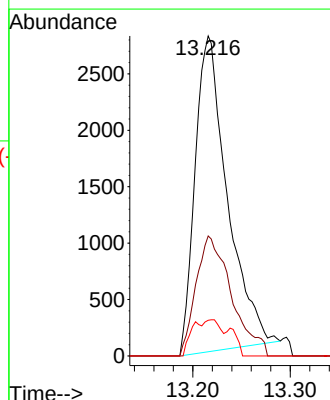
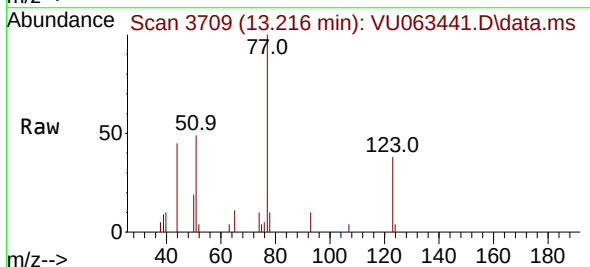
Instrument :
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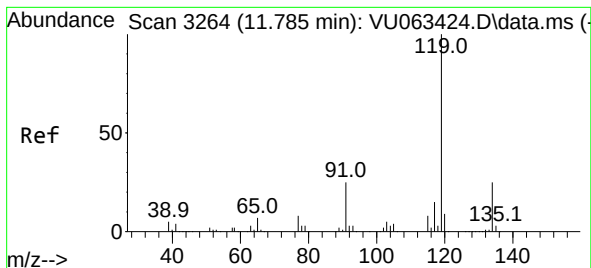
Tgt Ion:105 Resp: 127466
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.8 22.2



#80
 Nitrobenzene
 Concen: 10.675 ug/l
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.013 min
 Lab File: VU063441.D
 Acq: 24 Jun 2025 16:53

Tgt Ion: 77 Resp: 6424
 Ion Ratio Lower Upper
 77 100
 123 41.9 19.6 69.6
 65 4.2 10.6 13.4#

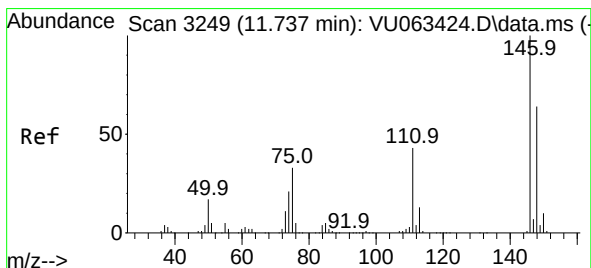
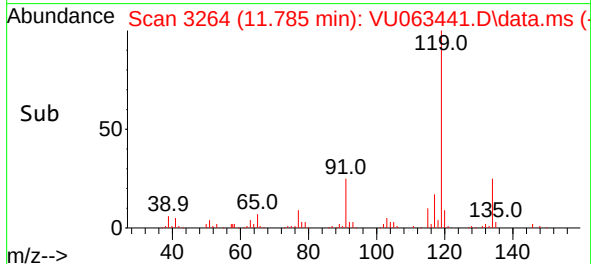
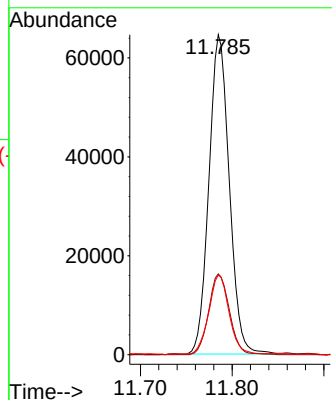
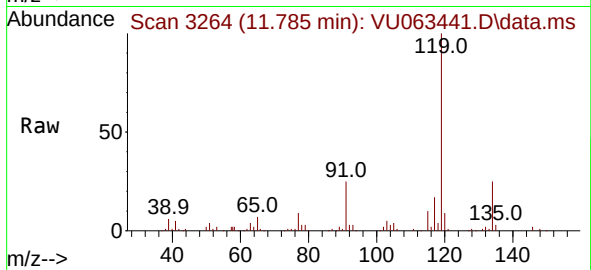




#81
p-Isopropyltoluene
Concen: 1.944 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

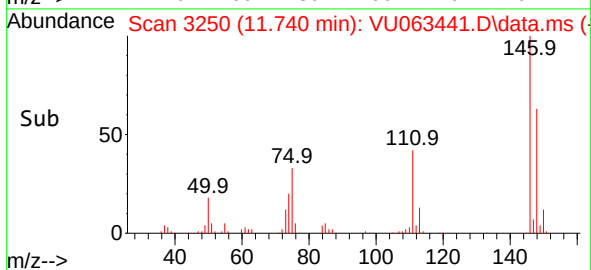
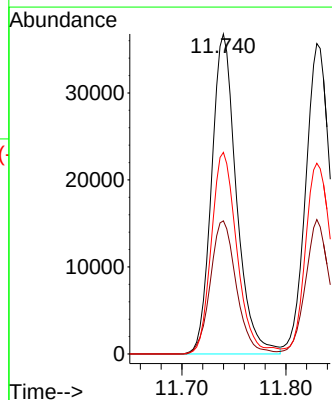
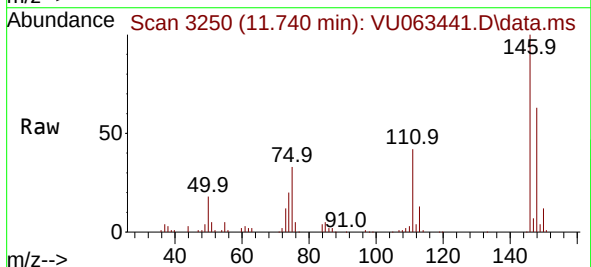
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

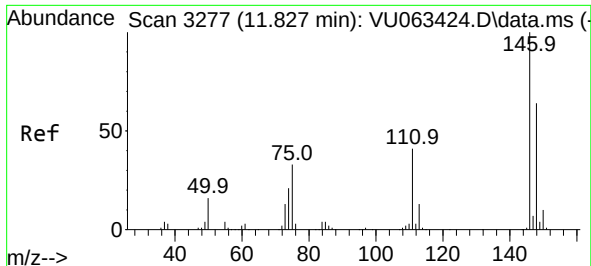
Tgt Ion:119 Resp: 99536
Ion Ratio Lower Upper
119 100
134 25.7 20.2 30.2
91 25.3 19.7 29.5



#82
1,3-Dichlorobenzene
Concen: 2.114 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:146 Resp: 61202
Ion Ratio Lower Upper
146 100
111 43.4 34.3 51.5
148 65.0 51.0 76.4

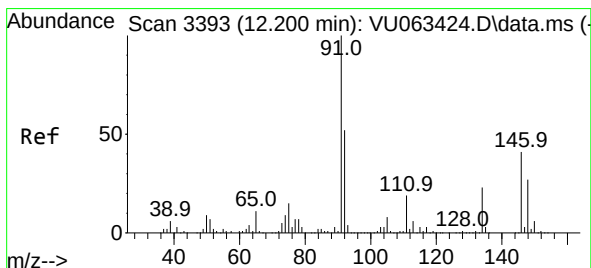
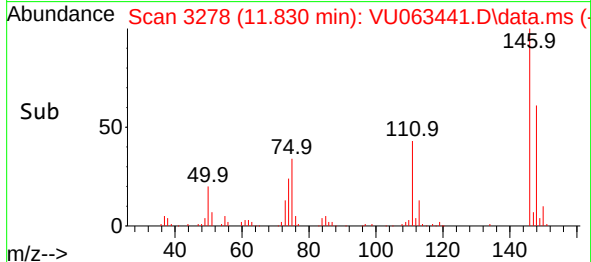
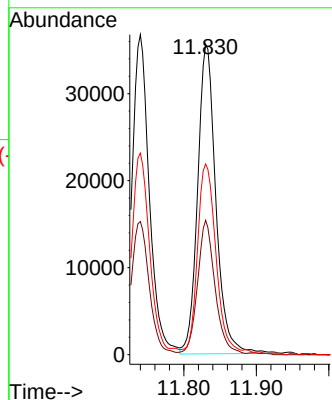
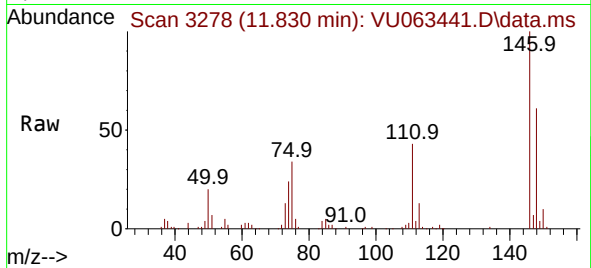




#83
1,4-Dichlorobenzene
Concen: 2.075 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

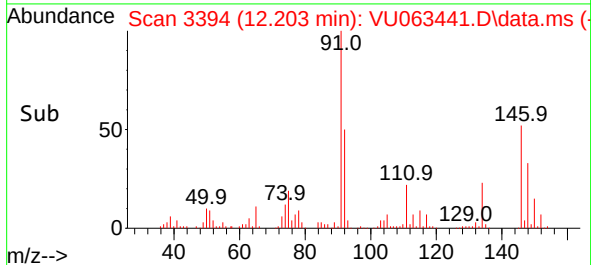
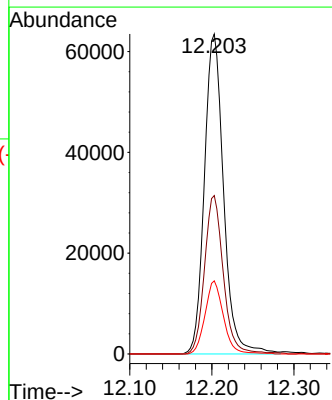
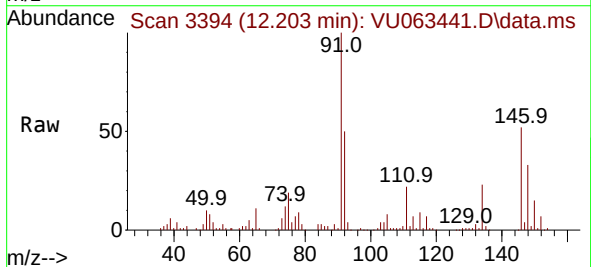
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

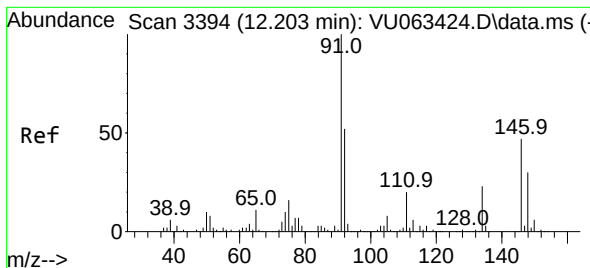
Tgt Ion:146 Resp: 62331
Ion Ratio Lower Upper
146 100
111 40.8 31.7 47.5
148 59.2 51.4 77.0



#84
n-Butylbenzene
Concen: 1.947 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion: 91 Resp: 103286
Ion Ratio Lower Upper
91 100
92 48.6 41.0 61.6
134 21.9 18.5 27.7





#85

1,2-Dichlorobenzene

Concen: 2.119 ug/l

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD02

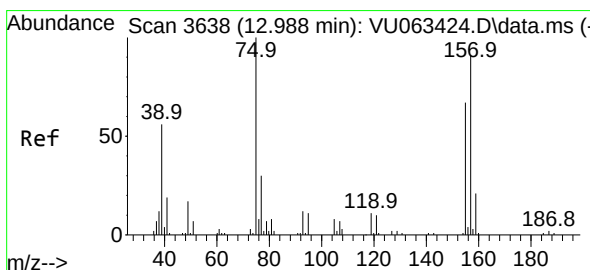
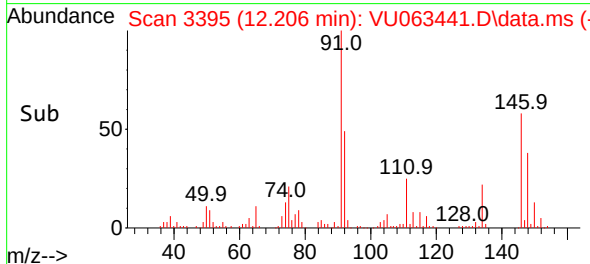
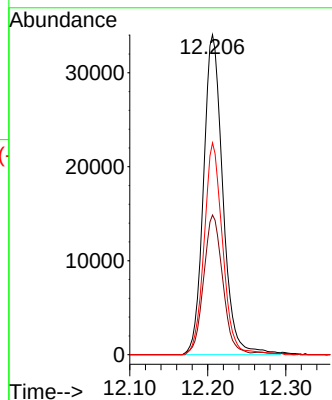
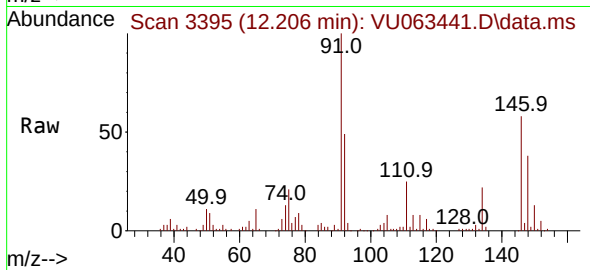
Tgt Ion:146 Resp: 58707

Ion Ratio Lower Upper

146 100

111 43.1 21.8 65.4

148 63.6 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.227 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

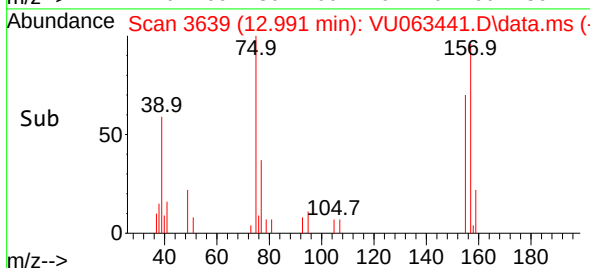
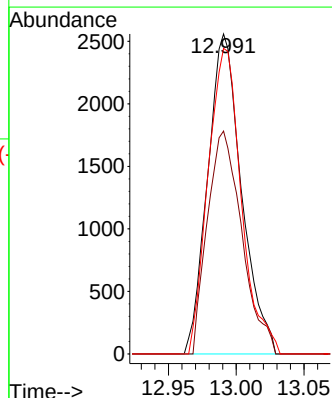
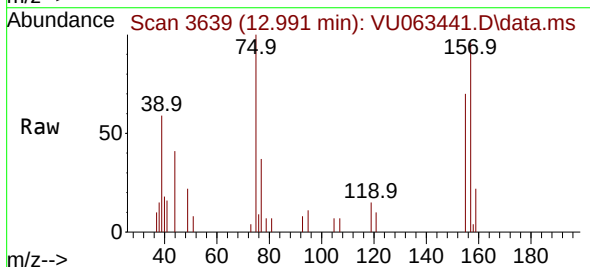
Tgt Ion: 75 Resp: 4434

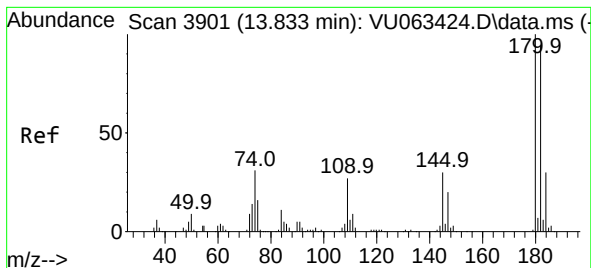
Ion Ratio Lower Upper

75 100

155 70.9 59.7 89.5

157 94.0 75.0 112.4





#87

1,2,4-Trichlorobenzene

Concen: 1.939 ug/l

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD02

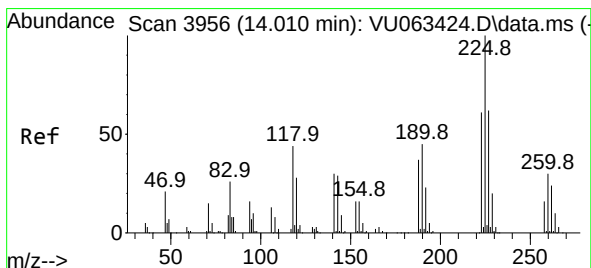
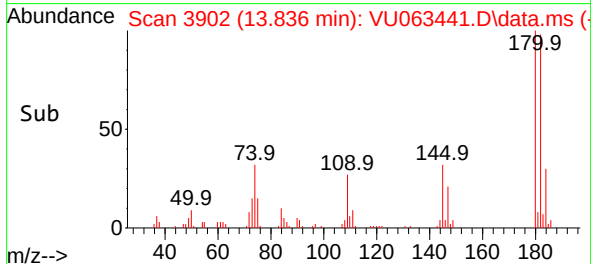
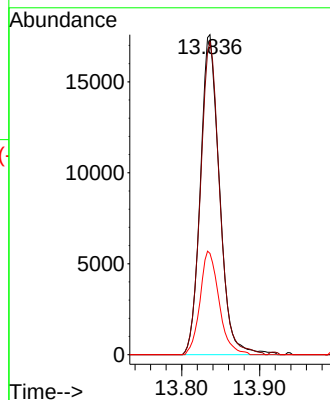
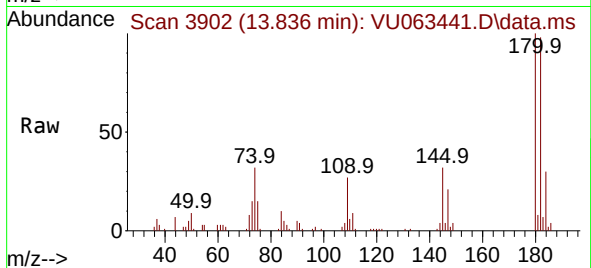
Tgt Ion:180 Resp: 29959

Ion Ratio Lower Upper

180 100

182 98.0 75.6 113.4

145 32.2 24.6 36.8



#88

Hexachlorobutadiene

Concen: 2.052 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.003 min

Lab File: VU063441.D

Acq: 24 Jun 2025 16:53

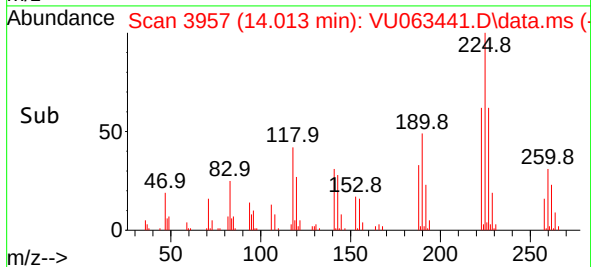
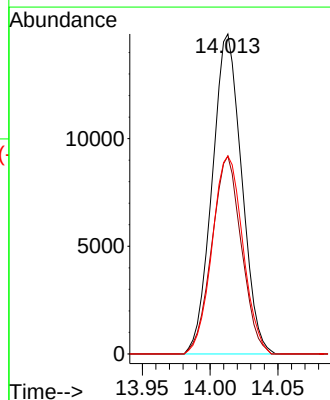
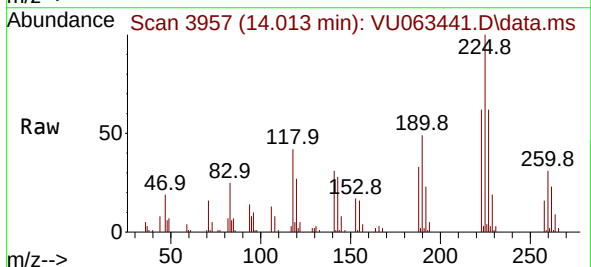
Tgt Ion:225 Resp: 22477

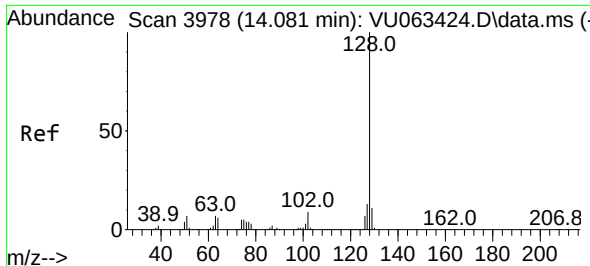
Ion Ratio Lower Upper

225 100

223 62.0 50.0 75.0

227 64.3 51.5 77.3

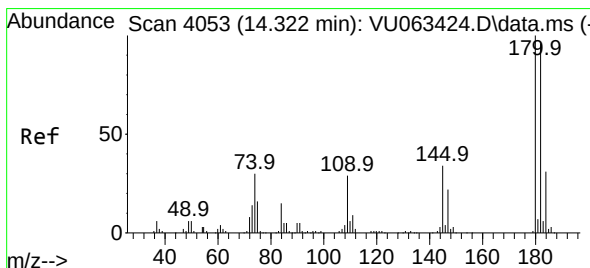
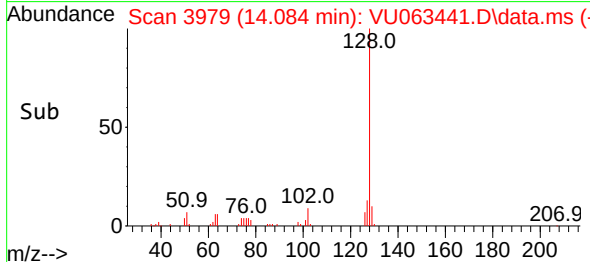
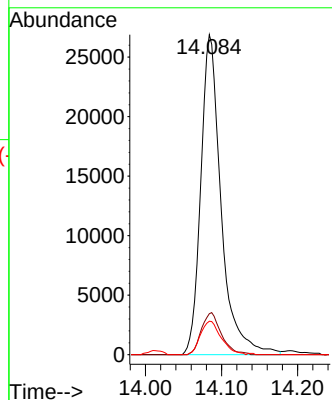
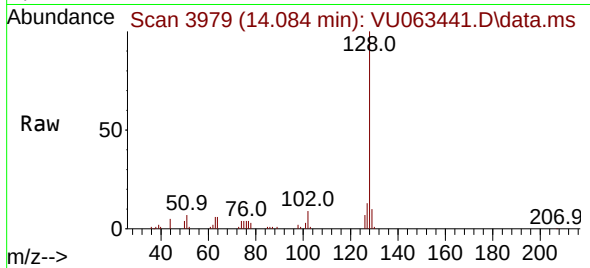




#89
Naphthalene
Concen: 2.304 ug/l
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD02

Tgt Ion:128 Resp: 49965
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 1.937 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063441.D
Acq: 24 Jun 2025 16:53

Tgt Ion:180 Resp: 29748
Ion Ratio Lower Upper
180 100
182 94.1 76.7 115.1
145 32.3 27.4 41.2

