

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
 Data File : VU063502.D
 Acq On : 14 Jul 2025 11:02
 Operator : MD/SY
 Sample : VU0714WBL02
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBL02

Quant Time: Jul 15 01:31:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	102635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	181957	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	167595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.807	152	85994	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	70611	53.922	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.840%	
35) Dibromofluoromethane	5.280	113	54882	50.038	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.080%	
50) Toluene-d8	7.888	98	168939	47.253	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.500%	
62) 4-Bromofluorobenzene	10.627	95	76840	49.136	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.280%	

Target Compounds			Qvalue			
3) Chloromethane	1.515	50	192	0.193	ug/l #	68
4) Vinyl Chloride	1.599	62	21	0.019	ug/l #	53
5) Bromomethane	1.856	94	223	0.289	ug/l #	52
6) Chloroethane	1.920	64	62	0.078	ug/l #	43
10) Methyl Iodide	2.708	142	109	0.099	ug/l #	37
11) Tert butyl alcohol	3.181	59	753	1.715	ug/l #	85
12) 1,1-Dichloroethene	2.435	96	20	0.020	ug/l #	1
13) Acrolein	2.473	56	173	2.792	ug/l #	38
14) Allyl chloride	2.904	41	144	0.062	ug/l #	65
15) Acrylonitrile	3.296	53	113	0.120	ug/l #	1
16) Acetone	2.631	43	739	0.673	ug/l	99
17) Carbon Disulfide	2.775	76	659	0.282	ug/l #	4
18) Methyl Acetate	2.939	43	487	0.172	ug/l #	54
20) Methylene Chloride	3.030	84	382	0.238	ug/l #	77
21) trans-1,2-Dichloroethene	3.341	96	61	0.058	ug/l #	4
23) Vinyl Acetate	3.939	43	65	0.021	ug/l #	73
25) 2-Butanone	4.721	43	109	0.088	ug/l #	49
29) Tetrahydrofuran	5.068	42	41	0.053	ug/l #	32
31) Cyclohexane	5.357	56	2396	1.323	ug/l #	1
36) 1,1-Dichloropropene	5.357	75	9359	6.280	ug/l #	50
37) Ethyl Acetate	4.788	43	112	0.046	ug/l #	70
38) Carbon Tetrachloride	5.364	117	11043	6.725	ug/l #	16
41) Methacrylonitrile	4.939	41	89	0.078	ug/l #	21
42) 1,2-Dichloroethane	5.798	62	109	0.062	ug/l #	76
43) Isopropyl Acetate	5.994	43	42	0.013	ug/l #	61
45) 1,2-Dichloropropane	6.512	63	22	0.017	ug/l #	43
48) Methyl methacrylate	6.920	41	21	0.014	ug/l #	12
51) 4-Methyl-2-Pentanone	7.795	43	354	0.153	ug/l #	36
53) t-1,3-Dichloropropene	8.225	75	20	0.012	ug/l #	43
59) 2-Hexanone	8.714	43	467	0.266	ug/l	95
65) Chlorobenzene	9.438	112	168	0.048	ug/l #	43
67) Ethyl Benzene	9.566	91	148	0.025	ug/l #	44
68) m/p-Xylenes	9.695	106	53	0.023	ug/l #	1
73) Isopropylbenzene	10.479	105	142	0.024	ug/l #	49
74) N-amyl acetate	10.315	43	41	0.016	ug/l #	44
76) 1,2,3-Trichloropropane	10.624	75	41530	18.225	ug/l #	84

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Quant Time: Jul 15 01:31:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

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

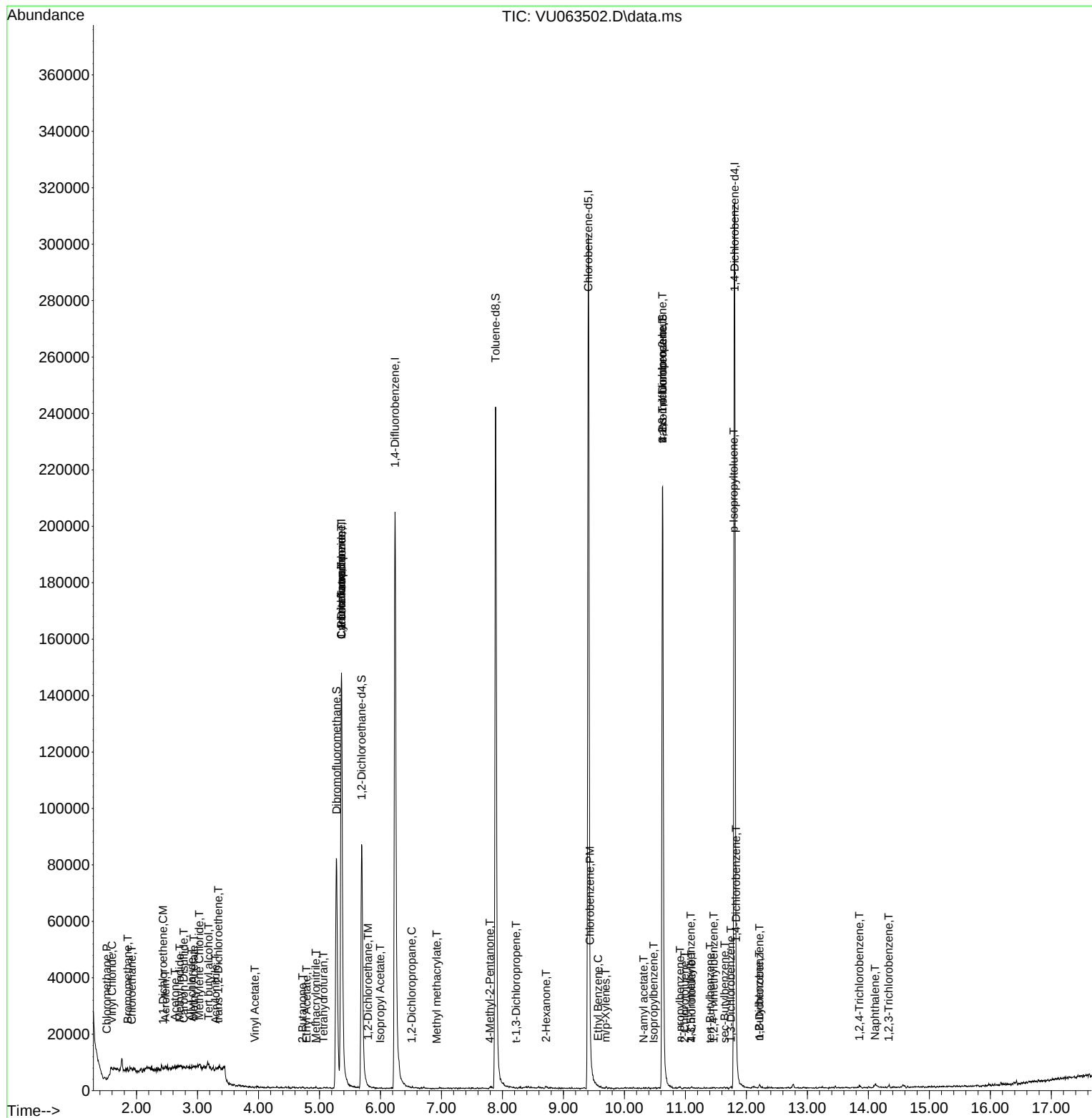
78) n-propylbenzene	10.913	91	542	0.080	ug/l #	53
79) 2-Chlorotoluene	10.987	91	266	0.063	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.090	105	74	0.014	ug/l #	30
81) trans-1,4-Dichloro-2-b...	10.624	75	41530	90.899	ug/l #	12
82) 4-Chlorotoluene	11.100	91	385	0.080	ug/l #	46
83) tert-Butylbenzene	11.405	119	47	0.010	ug/l #	29
84) 1,2,4-Trimethylbenzene	11.463	105	85	0.017	ug/l #	32
85) sec-Butylbenzene	11.643	105	417	0.064	ug/l #	57
86) p-Isopropyltoluene	11.794	119	192	0.037	ug/l #	1
87) 1,3-Dichlorobenzene	11.746	146	356	0.129	ug/l #	67
88) 1,4-Dichlorobenzene	11.833	146	346	0.123	ug/l #	41
89) n-Butylbenzene	12.212	91	997	0.205	ug/l #	63
91) 1,2-Dichlorobenzene	12.216	146	192	0.071	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.852	180	446	0.258	ug/l #	76
95) Naphthalene	14.109	128	3272	0.579	ug/l #	71
96) 1,2,3-Trichlorobenzene	14.331	180	312	0.184	ug/l	73

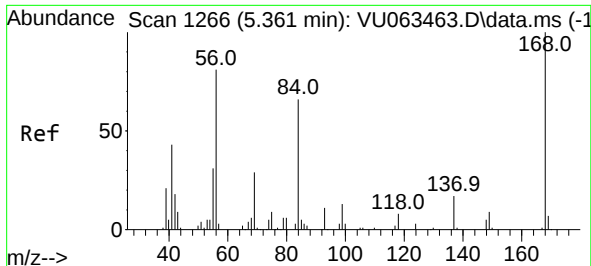
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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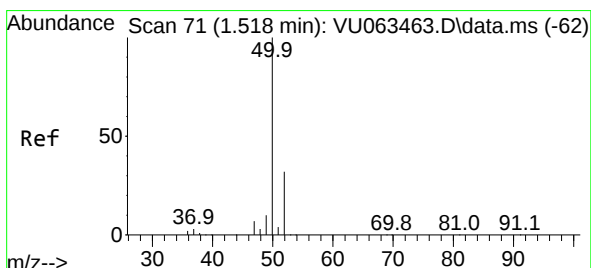
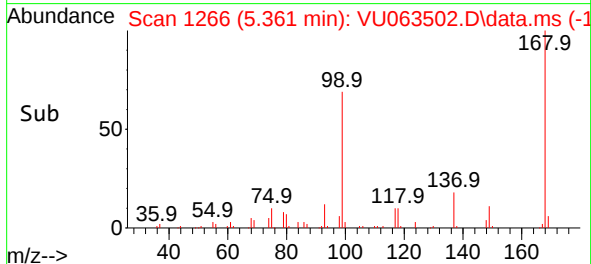
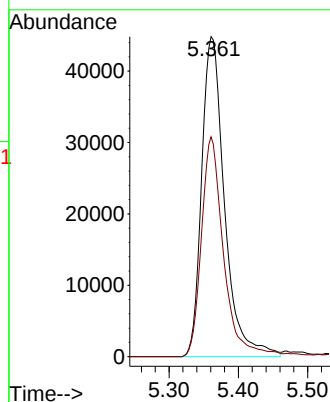
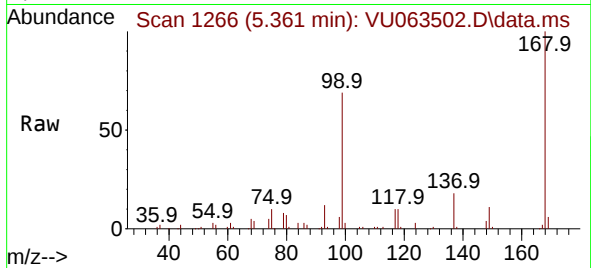




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

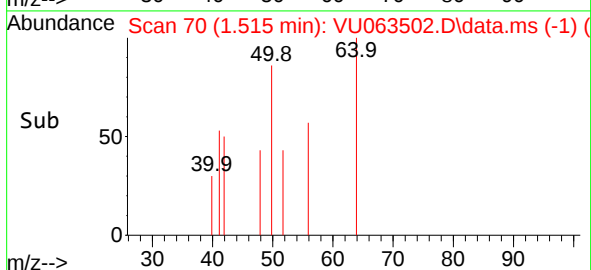
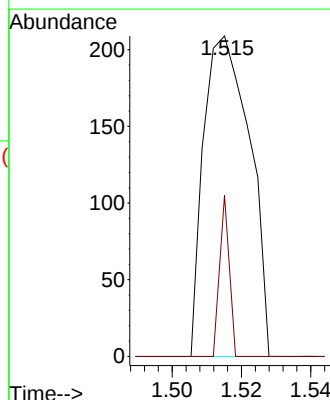
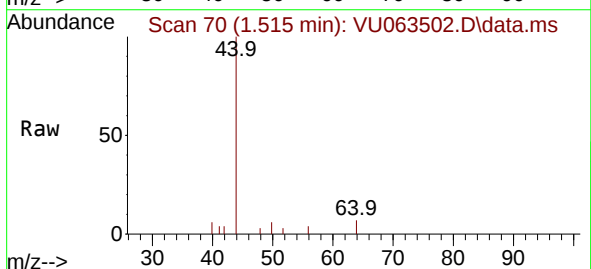
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

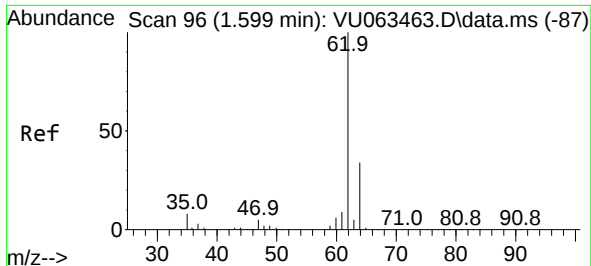
Tgt Ion:168 Resp: 102635
Ion Ratio Lower Upper
168 100
99 68.7 47.7 71.5



#3
Chloromethane
Concen: 0.193 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion: 50 Resp: 192
Ion Ratio Lower Upper
50 100
52 50.2 25.8 38.8#

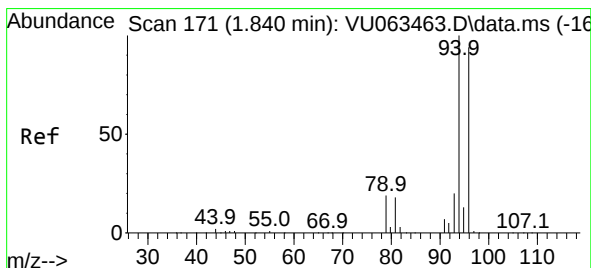
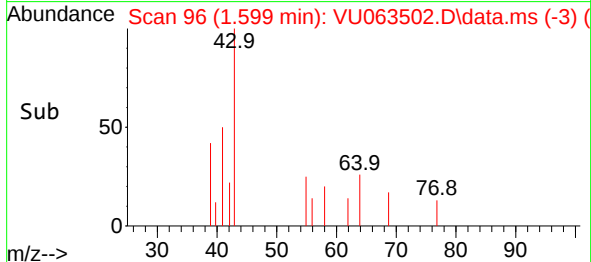
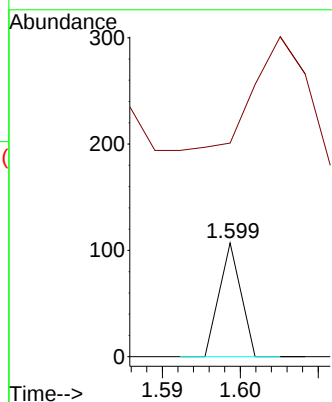
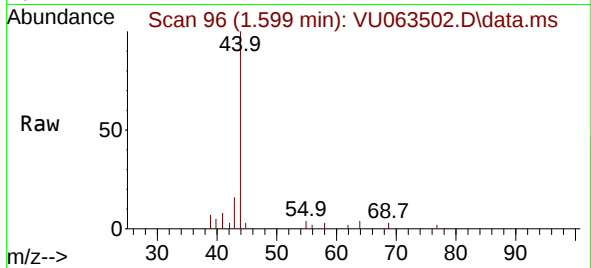




#4
 Vinyl Chloride
 Concen: 0.019 ug/l
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU063502.D
 Acq: 14 Jul 2025 11:02

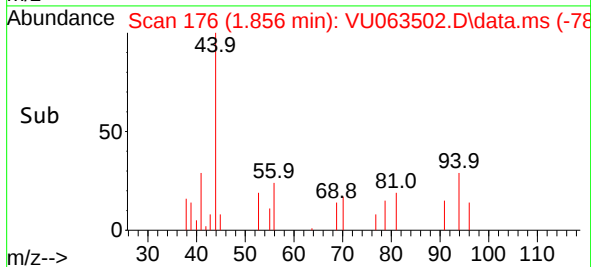
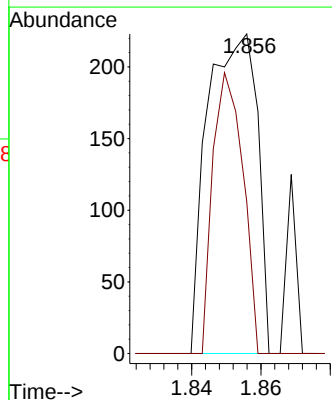
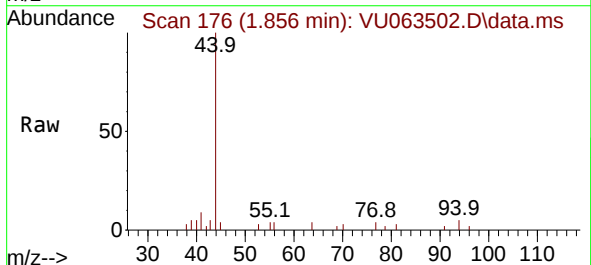
Instrument :
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 VU0714WBL02

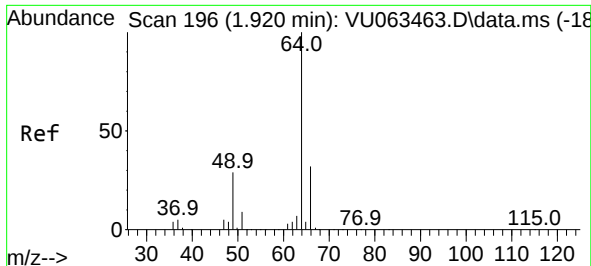
Tgt Ion: 62 Resp: 21
 Ion Ratio Lower Upper
 62 100
 64 6.5 26.9 40.3#



#5
 Bromomethane
 Concen: 0.289 ug/l
 RT: 1.856 min Scan# 176
 Delta R.T. 0.016 min
 Lab File: VU063502.D
 Acq: 14 Jul 2025 11:02

Tgt Ion: 94 Resp: 223
 Ion Ratio Lower Upper
 94 100
 96 47.5 75.5 113.3#

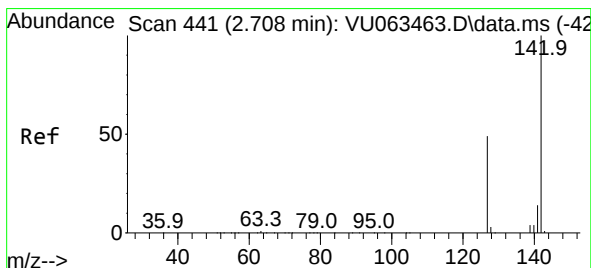
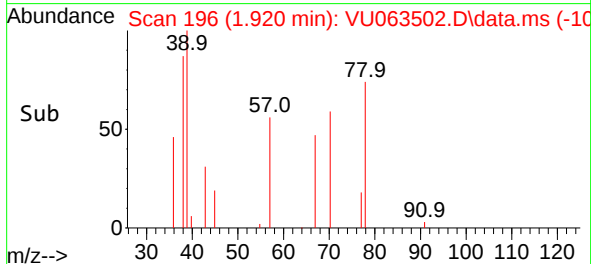
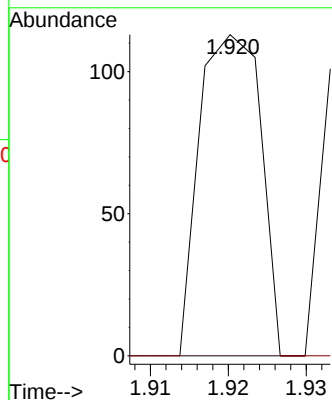
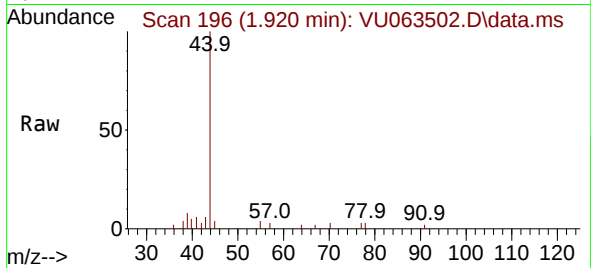




#6
Chloroethane
Concen: 0.078 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

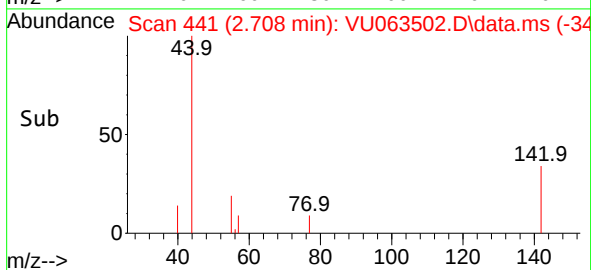
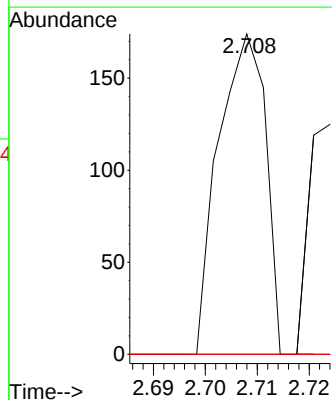
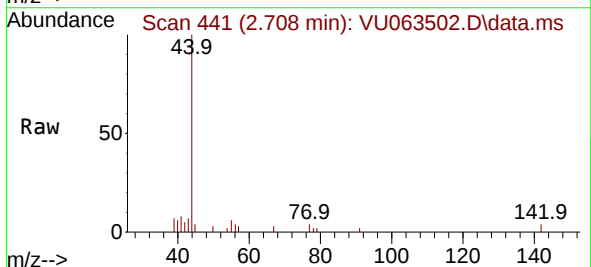
Instrument :
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VU0714WBL02

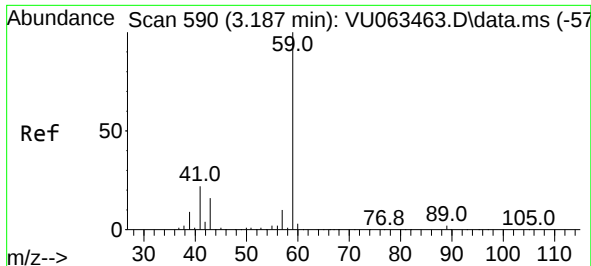
Tgt Ion: 64 Resp: 62
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.099 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion:142 Resp: 109
Ion Ratio Lower Upper
142 100
127 0.0 38.2 57.4#
141 0.0 11.1 16.7#

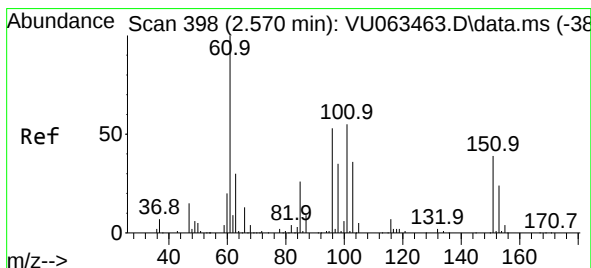
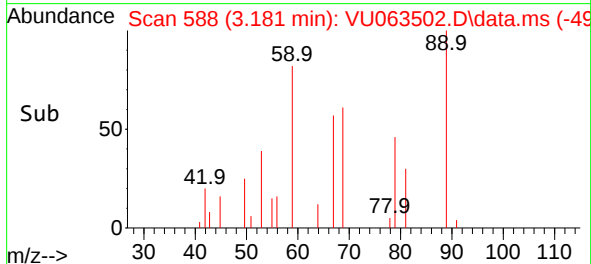
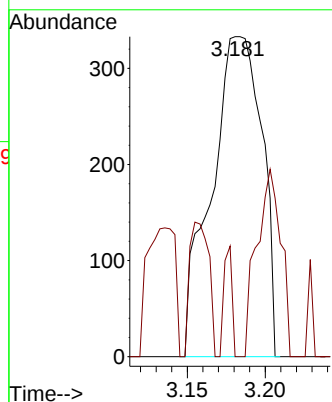
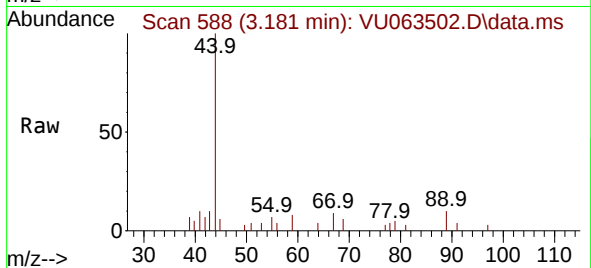




#11
Tert butyl alcohol
Concen: 1.715 ug/l
RT: 3.181 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

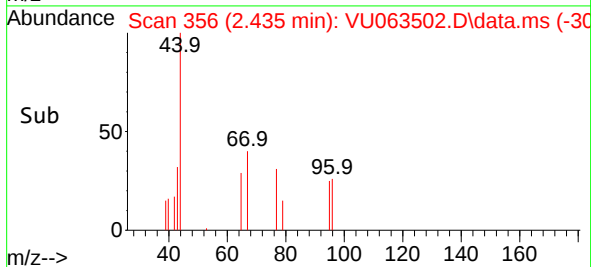
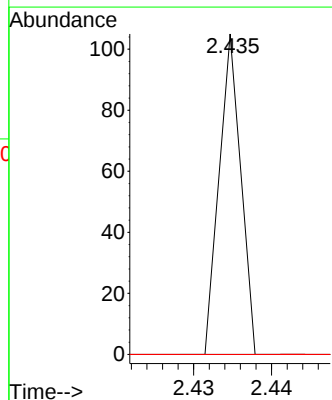
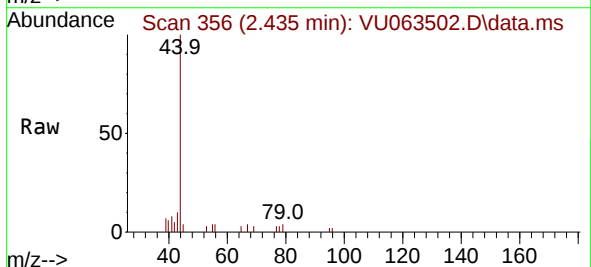
Instrument :
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ClientSampleId :
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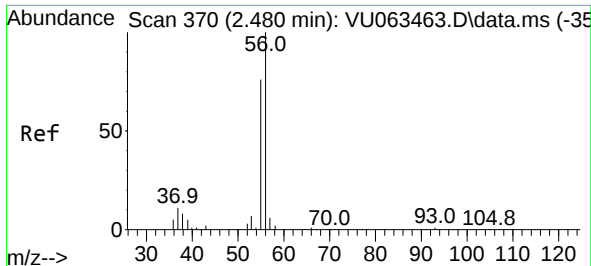
Tgt Ion: 59 Resp: 753
Ion Ratio Lower Upper
59 100
57 5.4 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 0.020 ug/l
RT: 2.435 min Scan# 356
Delta R.T. -0.135 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion: 96 Resp: 20
Ion Ratio Lower Upper
96 100
61 0.0 149.6 224.4#
98 0.0 52.0 78.0#

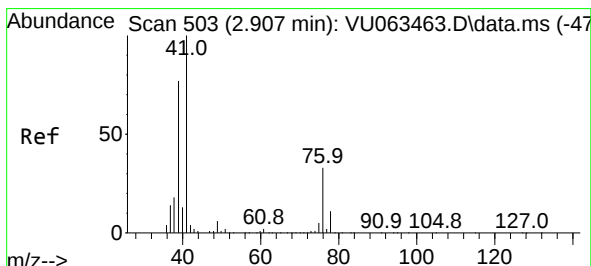
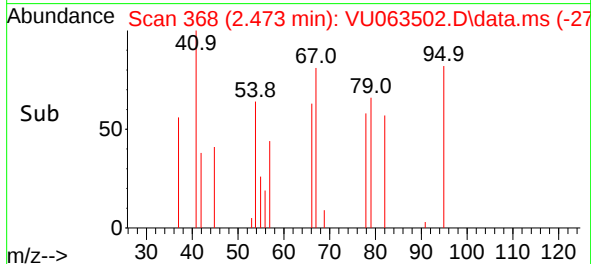
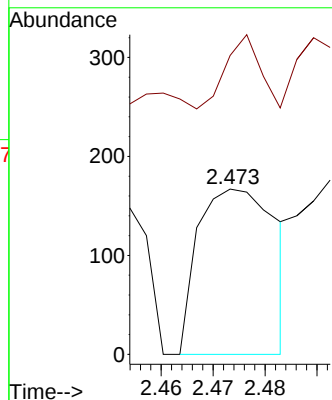
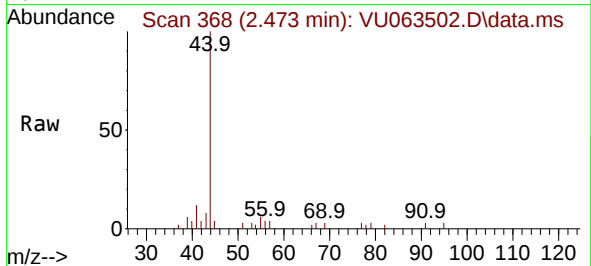




#13
Acrolein
Concen: 2.792 ug/l
RT: 2.473 min Scan# 30
Delta R.T. -0.007 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

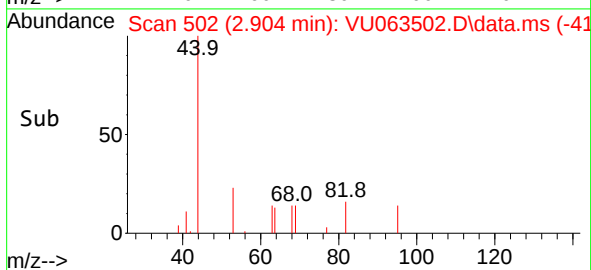
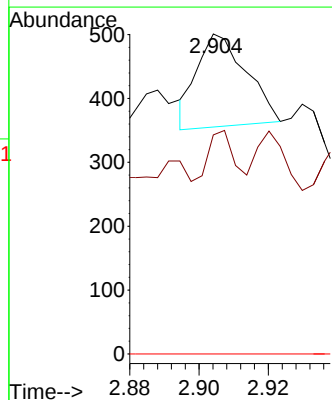
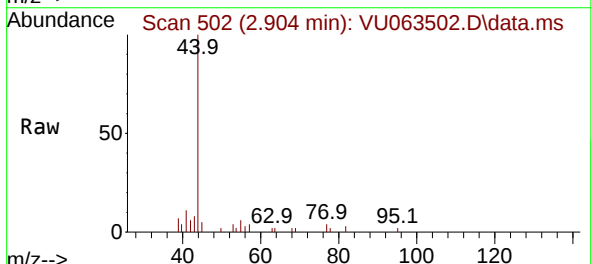
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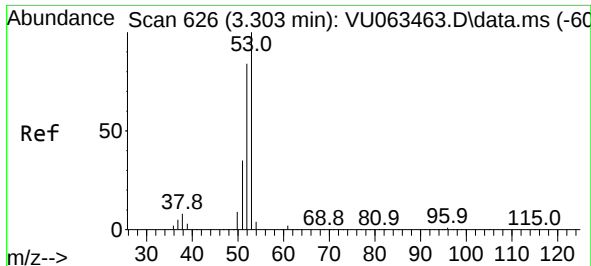
Tgt Ion: 56 Resp: 173
Ion Ratio Lower Upper
56 100
55 22.5 60.2 90.2#



#14
Allyl chloride
Concen: 0.062 ug/l
RT: 2.904 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion: 41 Resp: 144
Ion Ratio Lower Upper
41 100
39 45.8 53.9 80.9#
76 0.0 23.1 34.7#

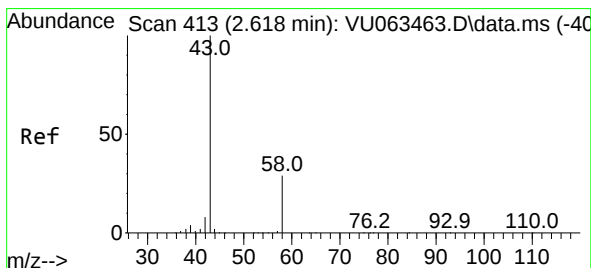
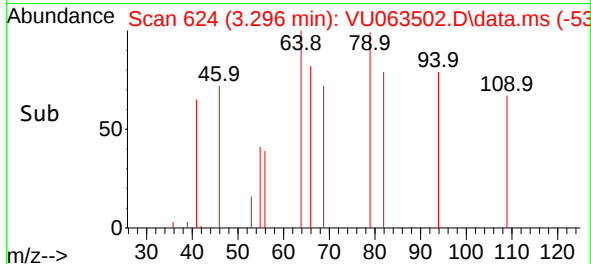
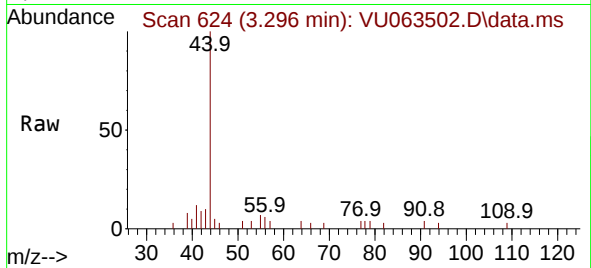




#15
Acrylonitrile
Concen: 0.120 ug/l
RT: 3.296 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

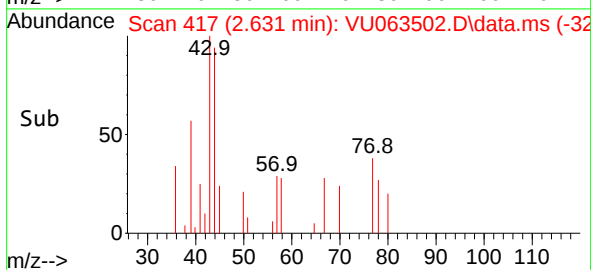
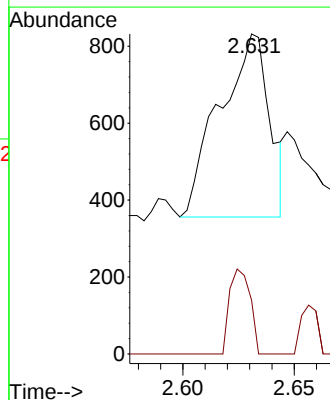
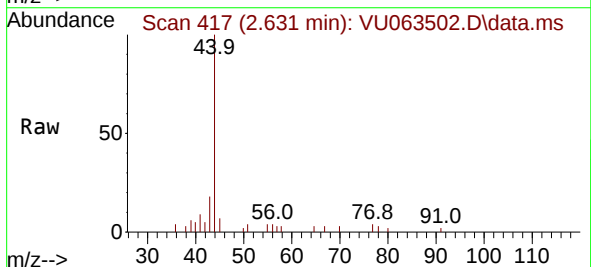
Instrument :
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ClientSampleId :
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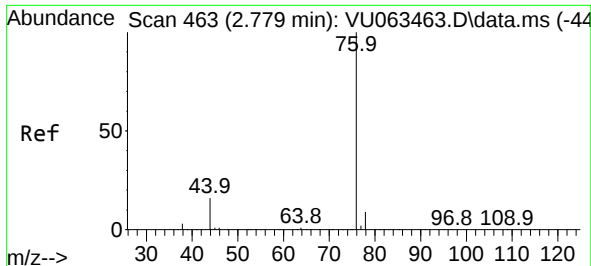
Tgt Ion: 53 Resp: 113
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.4#
51 232.7 28.8 43.2#



#16
Acetone
Concen: 0.673 ug/l
RT: 2.631 min Scan# 417
Delta R.T. 0.013 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
58 29.4 23.1 34.7

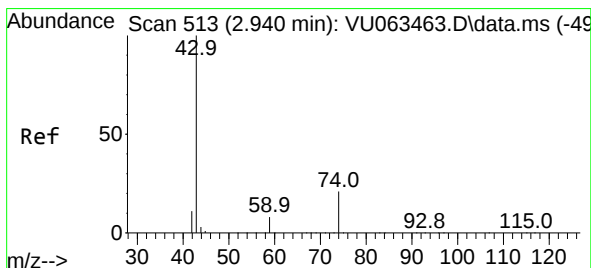
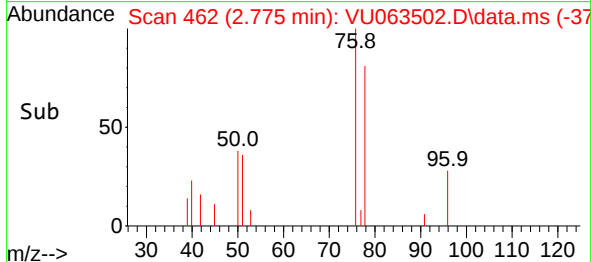
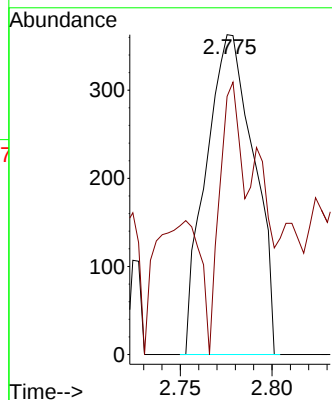
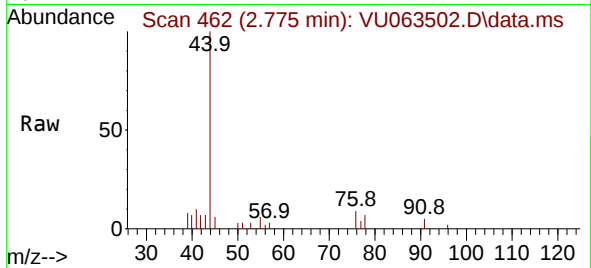




#17
Carbon Disulfide
Concen: 0.282 ug/l
RT: 2.775 min Scan# 463
Delta R.T. -0.004 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

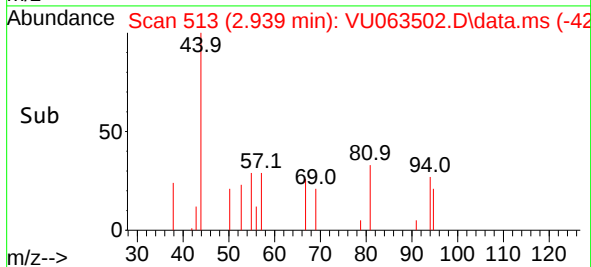
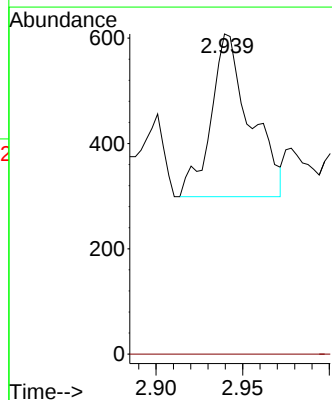
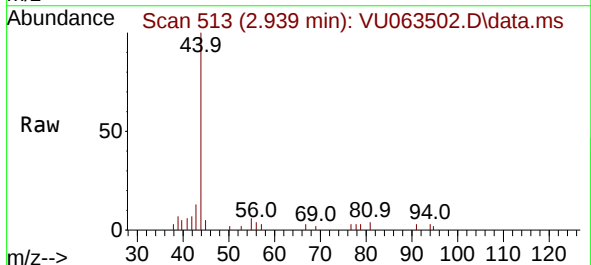
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

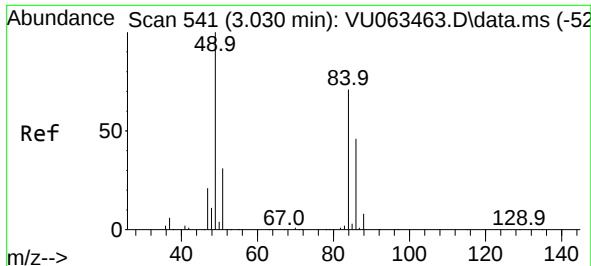
Tgt Ion: 76 Resp: 659
Ion Ratio Lower Upper
76 100
78 44.4 7.5 11.3#



#18
Methyl Acetate
Concen: 0.172 ug/l
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

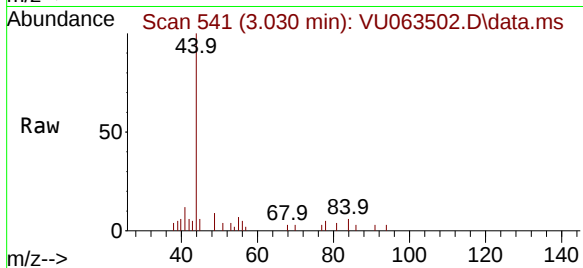
Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



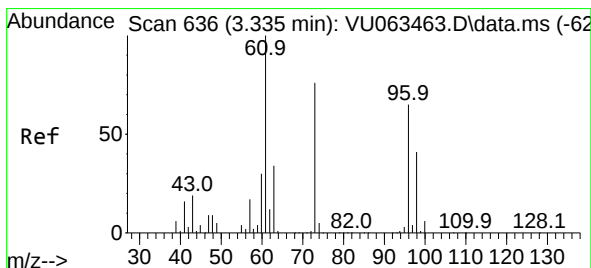
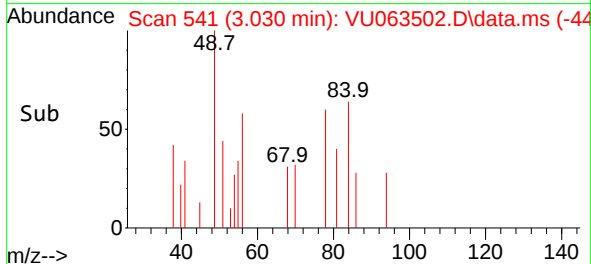
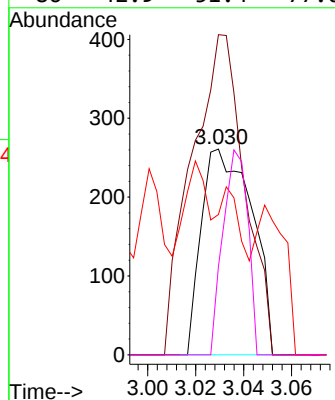


#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

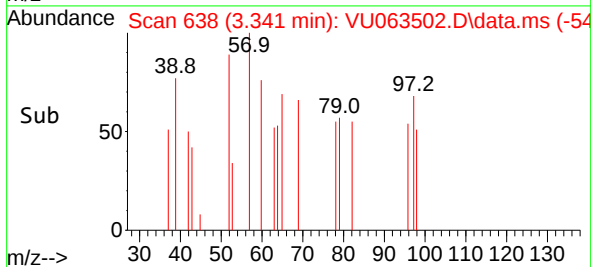
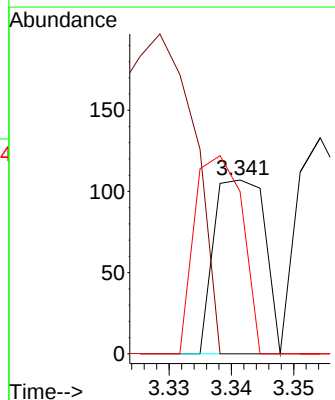
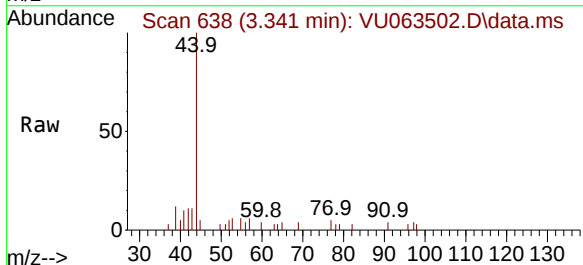


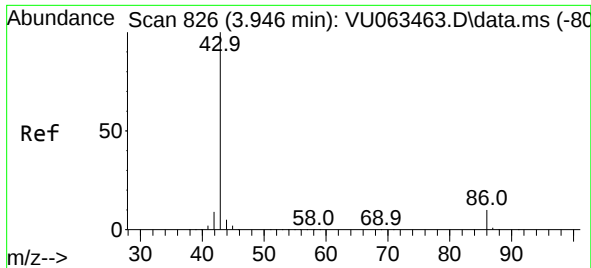
Tgt Ion:	84	Resp:	382
Ion	Ratio	Lower	Upper
84	100		
49	155.6	112.1	168.1
51	9.2	34.4	51.6#
86	42.9	51.4	77.0#



#21
trans-1,2-Dichloroethene
Concen: 0.058 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.006 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion:	96	Resp:	61
Ion	Ratio	Lower	Upper
96	100		
61	0.0	122.2	183.4#
98	93.5	49.9	74.9#

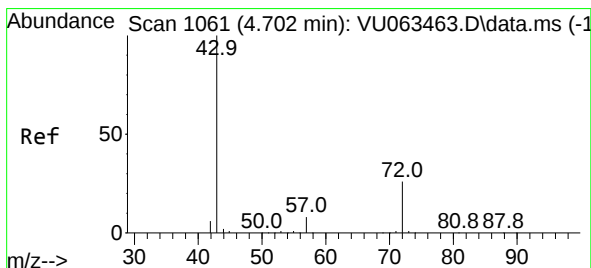
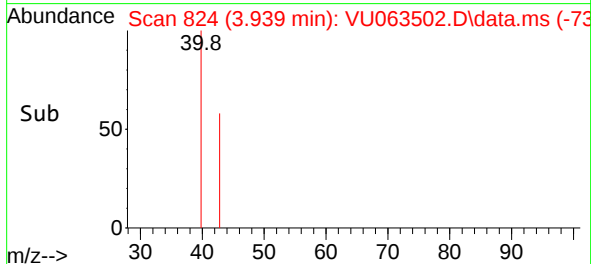
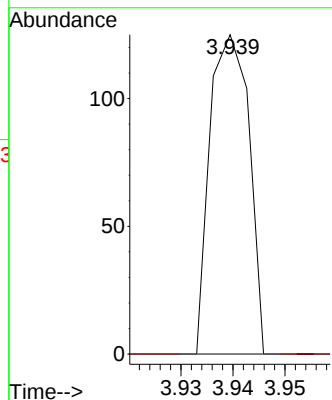
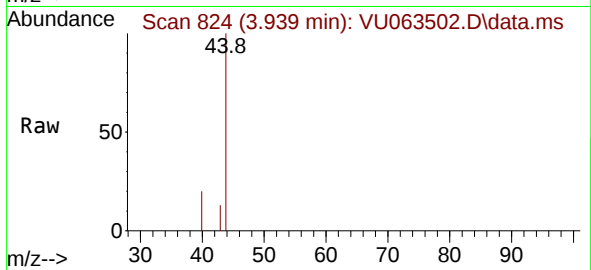




#23
 Vinyl Acetate
 Concen: 0.021 ug/l
 RT: 3.939 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VU063502.D
 Acq: 14 Jul 2025 11:02

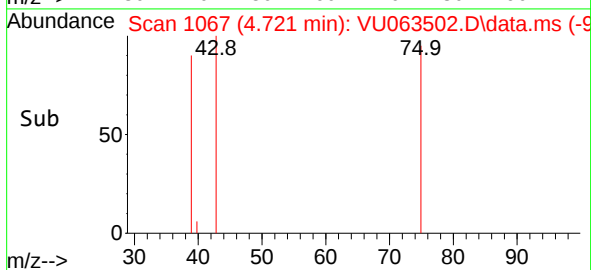
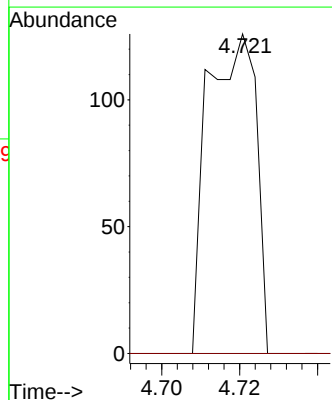
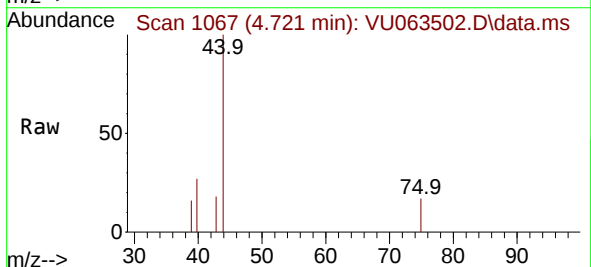
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBL02

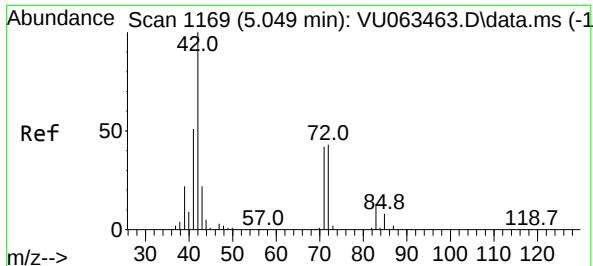
Tgt Ion: 43 Resp: 65
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.2#



#25
 2-Butanone
 Concen: 0.088 ug/l
 RT: 4.721 min Scan# 1067
 Delta R.T. 0.019 min
 Lab File: VU063502.D
 Acq: 14 Jul 2025 11:02

Tgt Ion: 43 Resp: 109
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.7 31.1#





#29

Tetrahydrofuran

Concen: 0.053 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.019 min

Lab File: VU063502.D

Acq: 14 Jul 2025 11:02

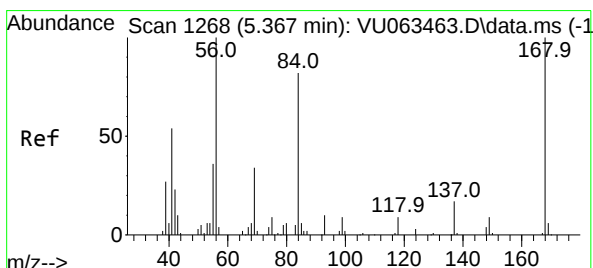
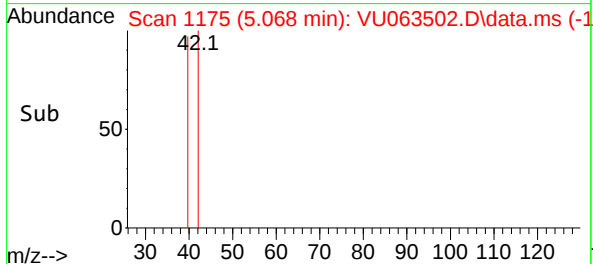
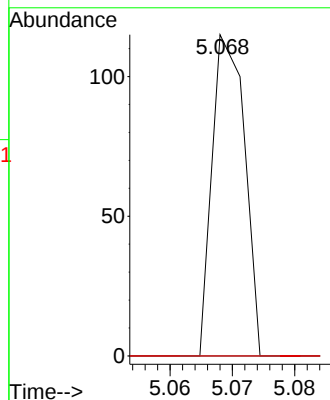
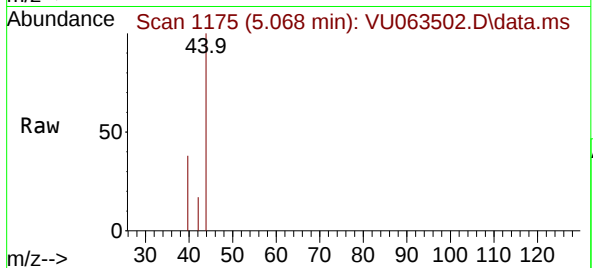
Instrument :

MSVOA_U

ClientSampleId :

VU0714WBL02

Tgt Ion:	42	Resp:	41
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.2	54.4#
71	0.0	33.3	49.9#



#31

Cyclohexane

Concen: 1.323 ug/l

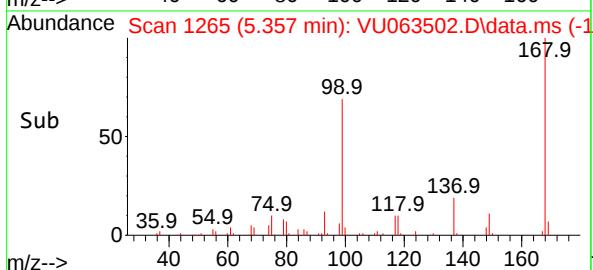
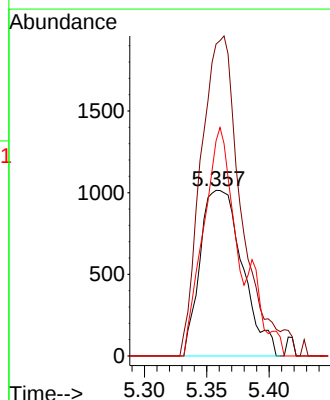
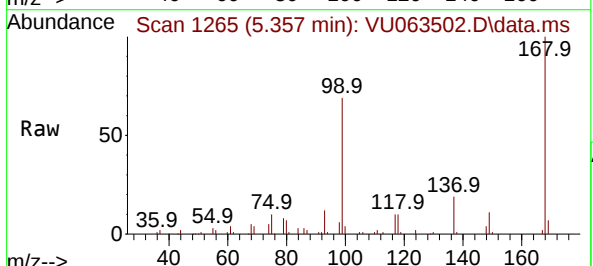
RT: 5.357 min Scan# 1265

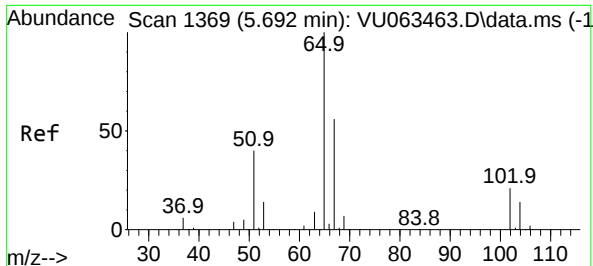
Delta R.T. -0.010 min

Lab File: VU063502.D

Acq: 14 Jul 2025 11:02

Tgt Ion:	56	Resp:	2396
Ion	Ratio	Lower	Upper
56	100		
69	188.4	27.0	40.4#
84	129.9	65.7	98.5#





#33

1,2-Dichloroethane-d4

Concen: 53.922 ug/l

RT: 5.692 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VU063502.D

Acq: 14 Jul 2025 11:02

Instrument :

MSVOA_U

ClientSampleId :

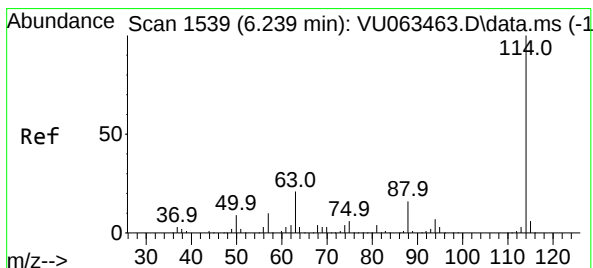
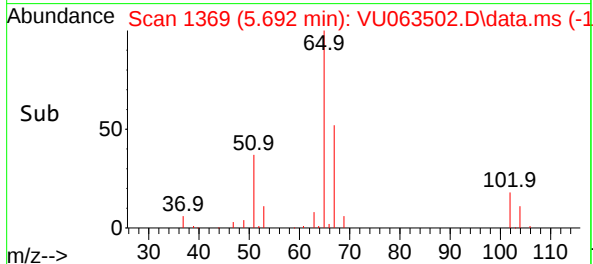
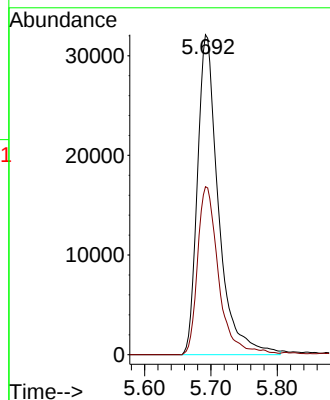
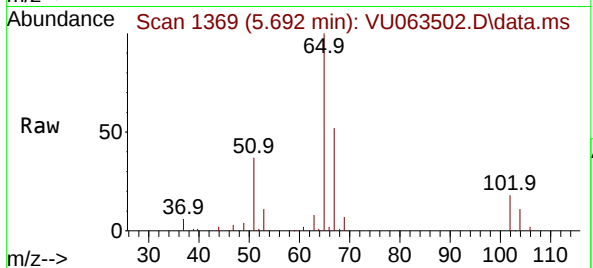
VU0714WBL02

Tgt Ion: 65 Resp: 70611

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063502.D

Acq: 14 Jul 2025 11:02

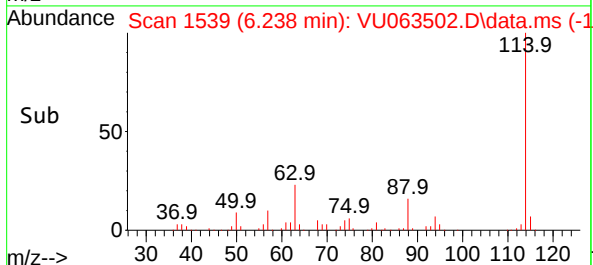
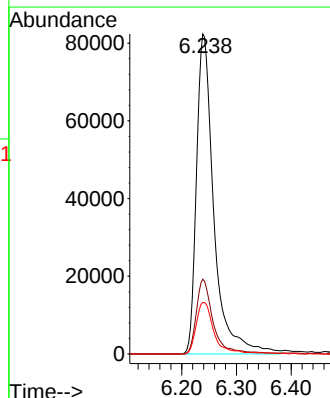
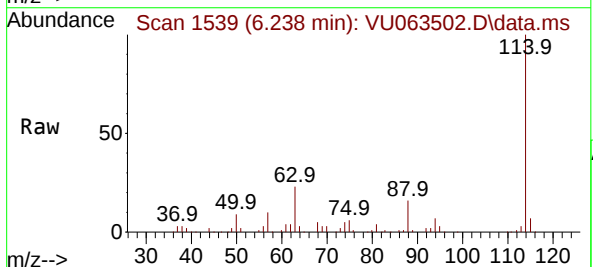
Tgt Ion: 114 Resp: 181957

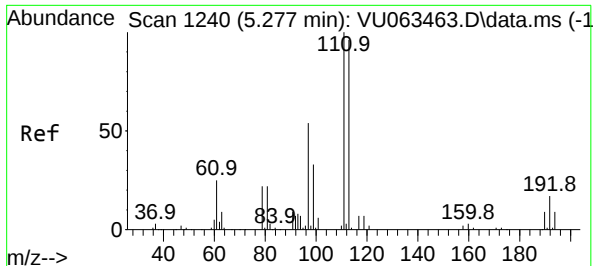
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.6

88 16.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.038 ug/l

RT: 5.280 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063502.D

Acq: 14 Jul 2025 11:02

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBL02

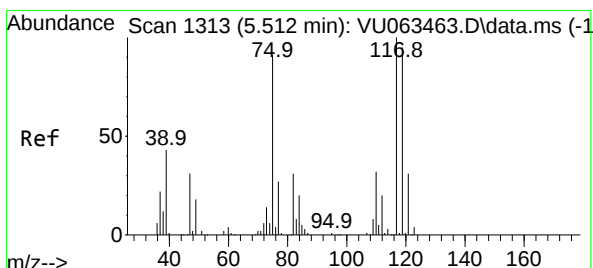
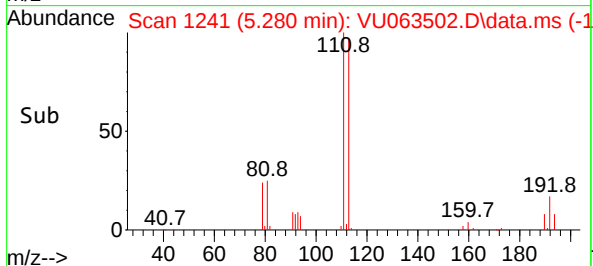
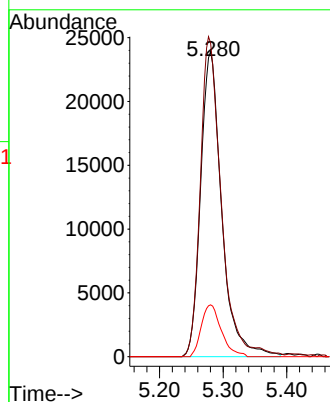
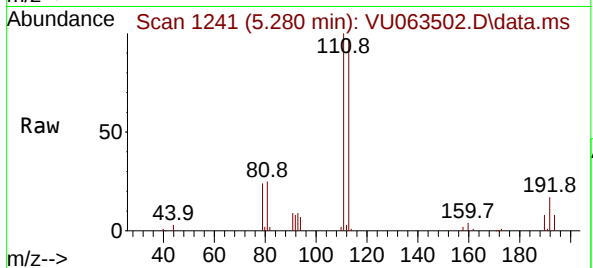
Tgt Ion:113 Resp: 54882

Ion Ratio Lower Upper

113 100

111 104.1 82.1 123.1

192 16.2 14.3 21.5



#36

1,1-Dichloropropene

Concen: 6.280 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.155 min

Lab File: VU063502.D

Acq: 14 Jul 2025 11:02

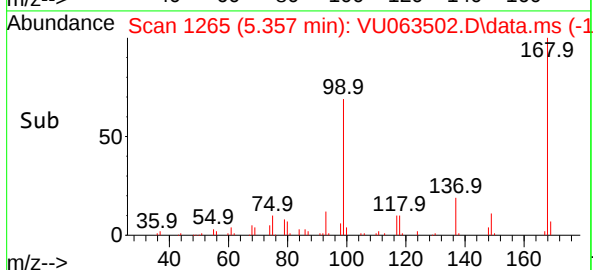
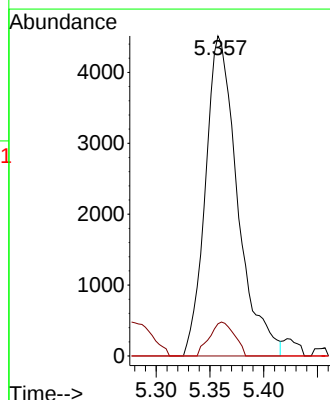
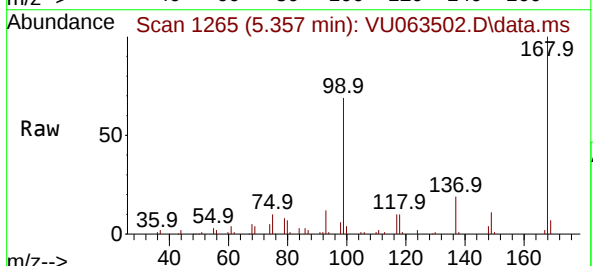
Tgt Ion: 75 Resp: 9359

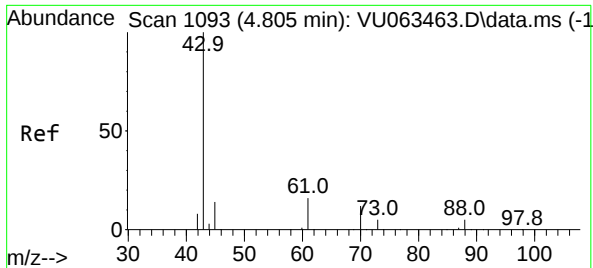
Ion Ratio Lower Upper

75 100

110 8.2 17.3 52.0#

77 0.0 23.9 35.9#

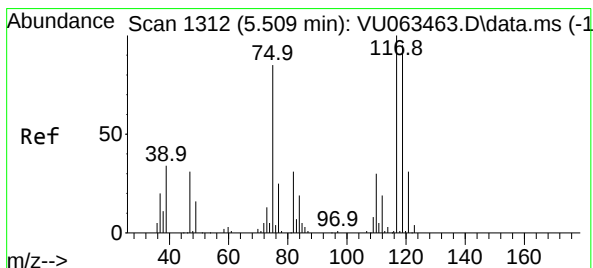
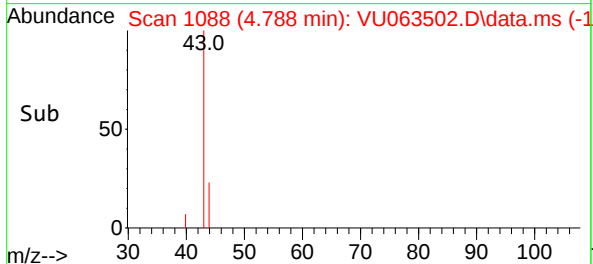
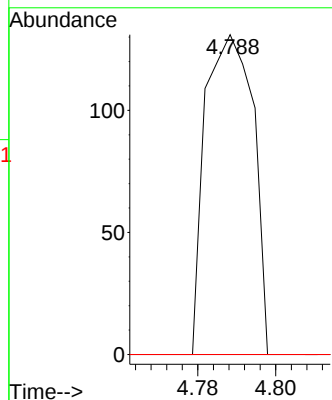
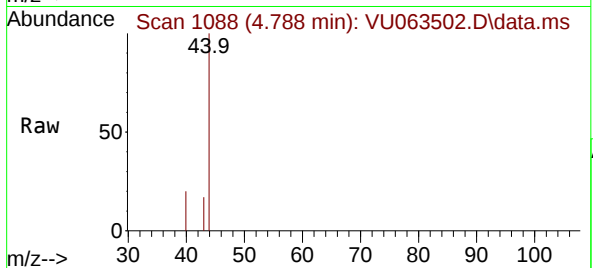




#37
Ethyl Acetate
Concen: 0.046 ug/l
RT: 4.788 min Scan# 1093
Delta R.T. -0.016 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

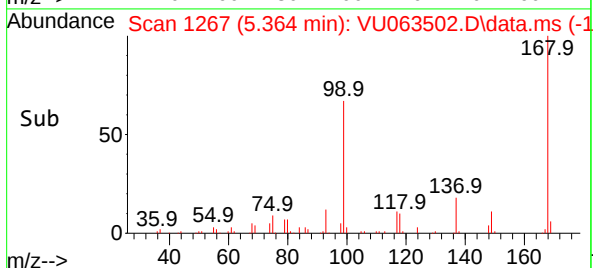
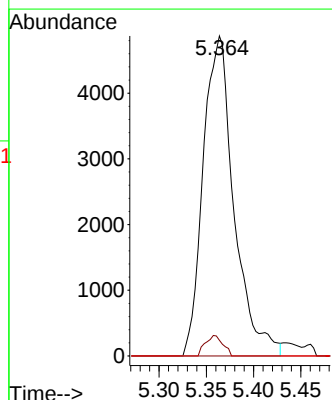
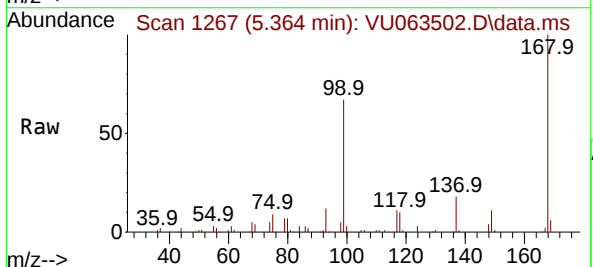
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

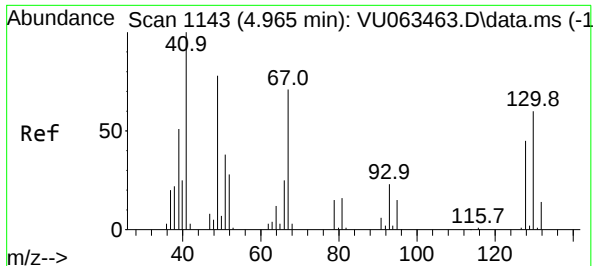
Tgt Ion: 43 Resp: 112
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 6.725 ug/l
RT: 5.364 min Scan# 1267
Delta R.T. -0.145 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion: 117 Resp: 11043
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 25.0 37.4#

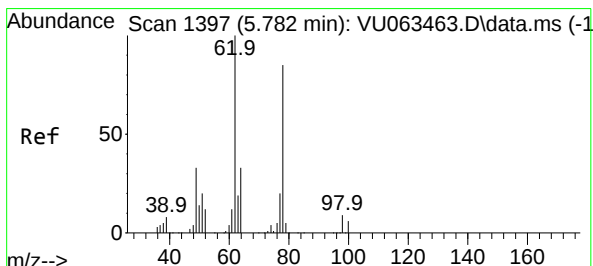
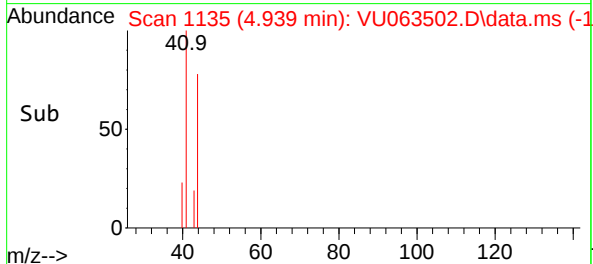
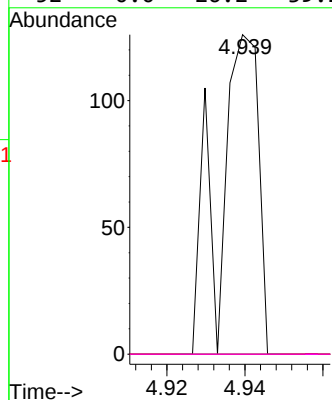
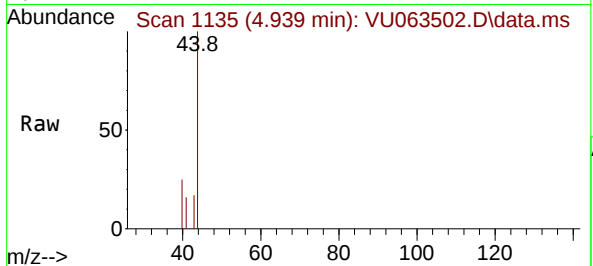




#41
Methacrylonitrile
Concen: 0.078 ug/l
RT: 4.939 min Scan# 1135
Delta R.T. -0.026 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

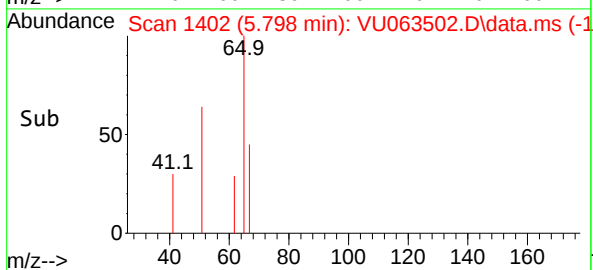
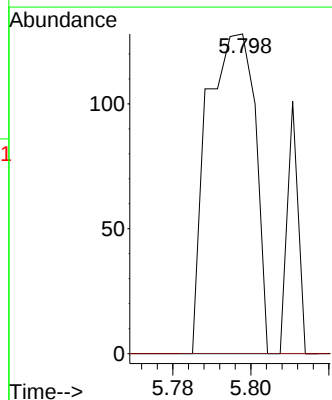
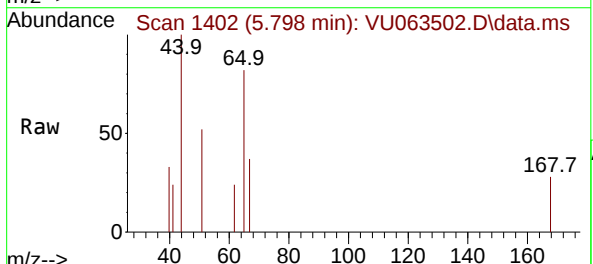
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

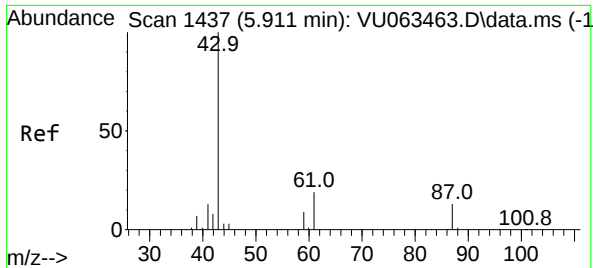
Tgt Ion: 41 Resp: 89
Ion Ratio Lower Upper
41 100
39 0.0 43.6 65.4#
67 0.0 62.8 94.2#
52 0.0 26.2 39.2#



#42
1,2-Dichloroethane
Concen: 0.062 ug/l
RT: 5.798 min Scan# 1402
Delta R.T. 0.016 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion: 62 Resp: 109
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.6

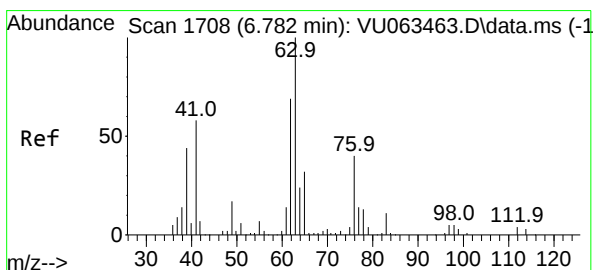
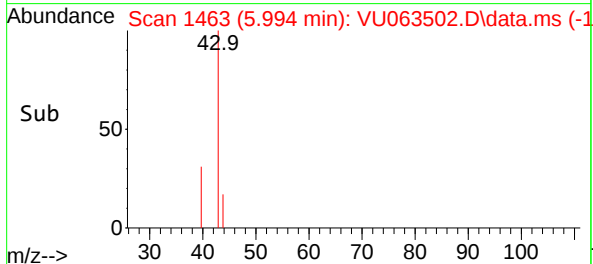
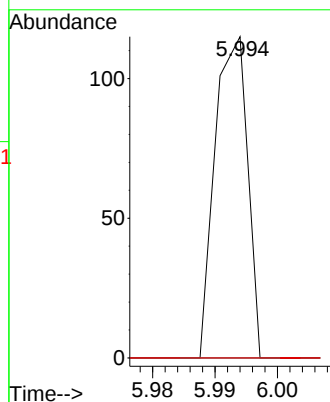
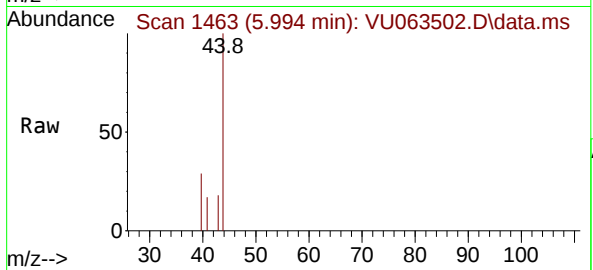




#43
Isopropyl Acetate
Concen: 0.013 ug/l
RT: 5.994 min Scan# 1437
Delta R.T. 0.083 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

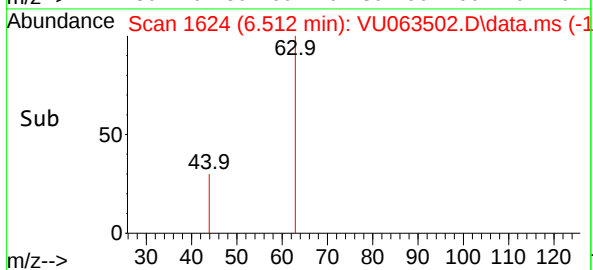
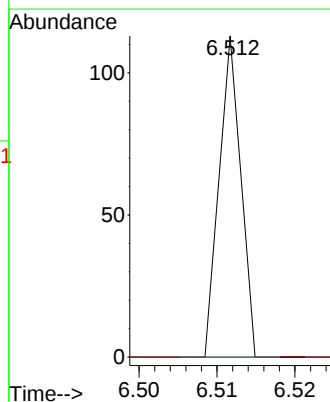
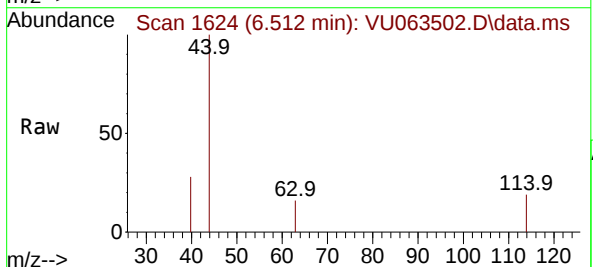
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

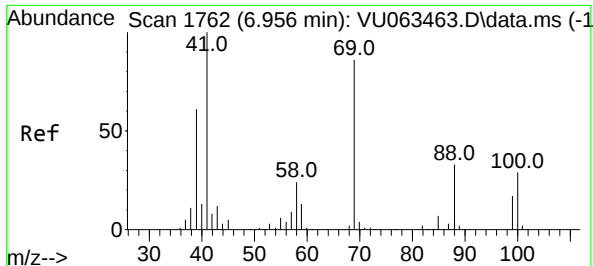
Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.2#
87 0.0 10.5 15.7#



#45
1,2-Dichloropropane
Concen: 0.017 ug/l
RT: 6.512 min Scan# 1624
Delta R.T. -0.270 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion: 63 Resp: 22
Ion Ratio Lower Upper
63 100
65 0.0 25.3 37.9#





#48

Methyl methacrylate

Concen: 0.014 ug/l

RT: 6.920 min Scan# 1

Delta R.T. -0.036 min

Lab File: VU063502.D

Acq: 14 Jul 2025 11:02

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBL02

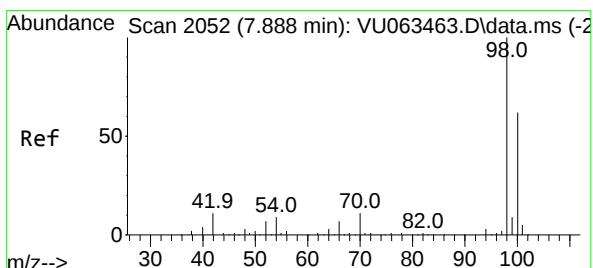
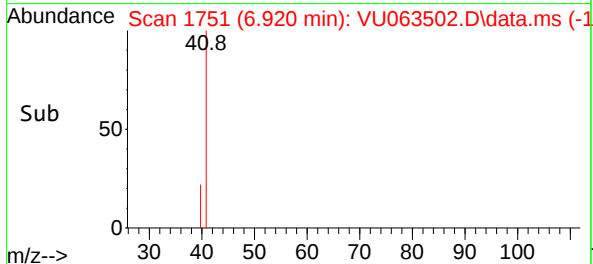
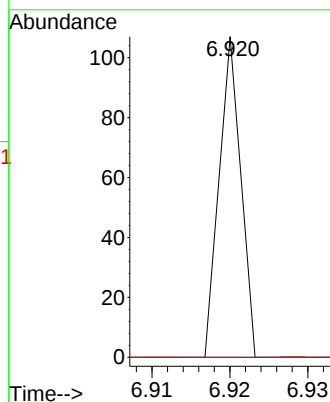
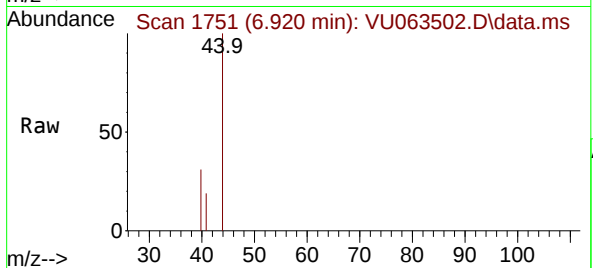
Tgt Ion: 41 Resp: 21

Ion Ratio Lower Upper

41 100

69 0.0 69.8 104.8#

39 0.0 48.3 72.5#



#50

Toluene-d8

Concen: 47.253 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VU063502.D

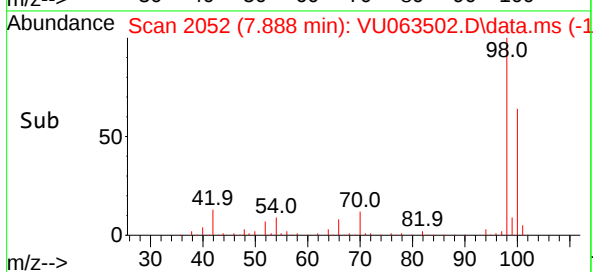
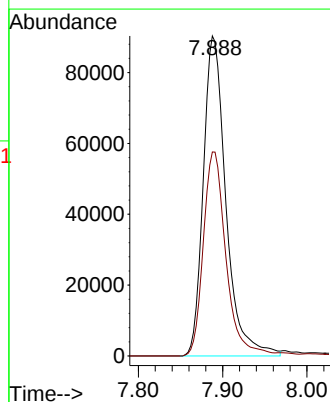
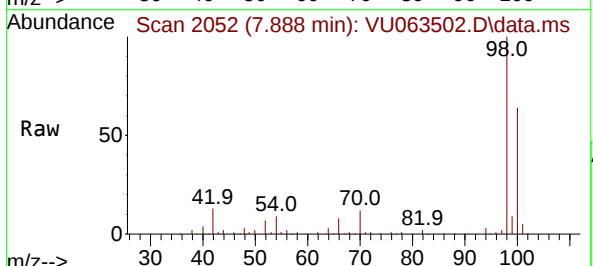
Acq: 14 Jul 2025 11:02

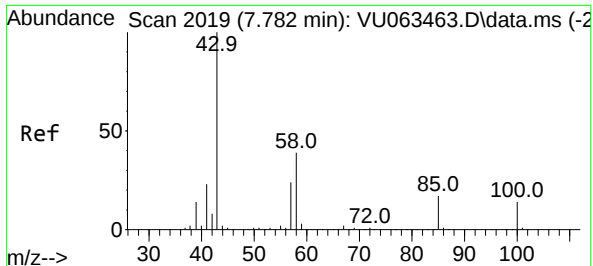
Tgt Ion: 98 Resp: 168939

Ion Ratio Lower Upper

98 100

100 63.7 48.1 72.1

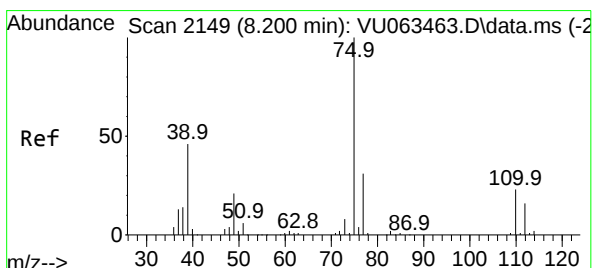
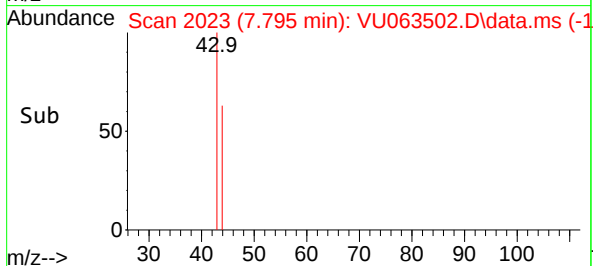
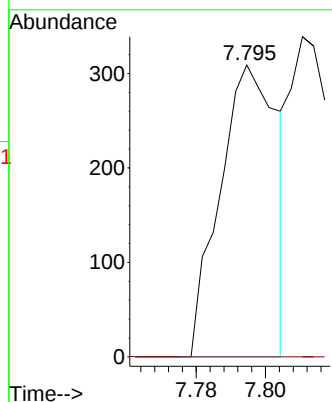
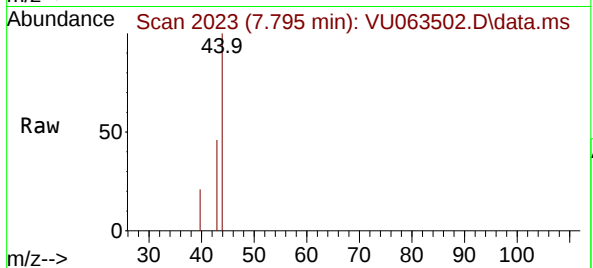




#51
4-Methyl-2-Pentanone
Concen: 0.153 ug/l
RT: 7.795 min Scan# 2019
Delta R.T. 0.013 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

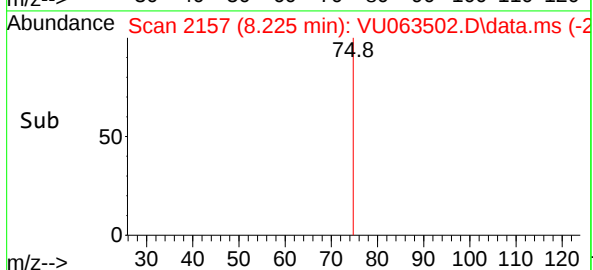
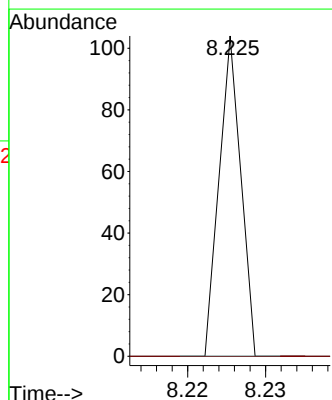
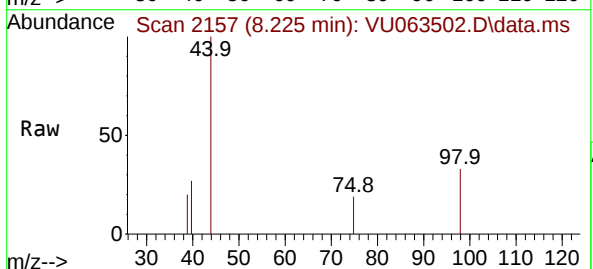
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

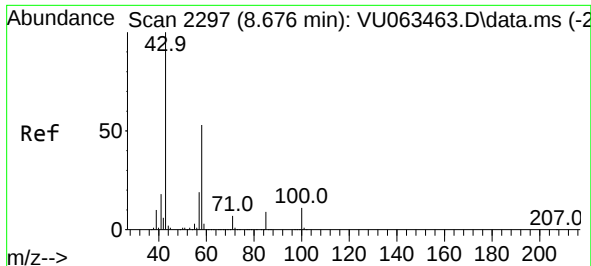
Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#



#53
t-1,3-Dichloropropene
Concen: 0.012 ug/l
RT: 8.225 min Scan# 2157
Delta R.T. 0.026 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.6#

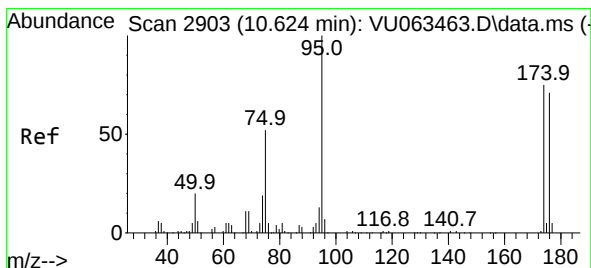
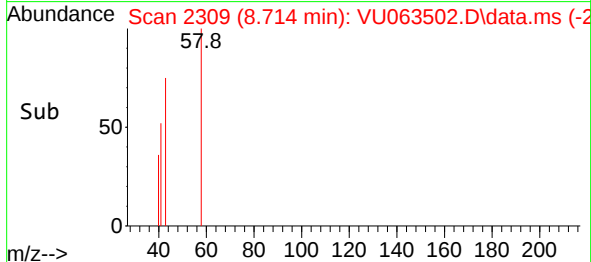
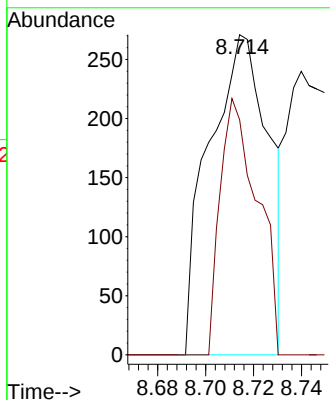
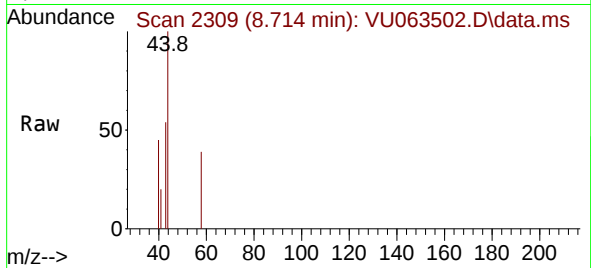




#59
2-Hexanone
Concen: 0.266 ug/l
RT: 8.714 min Scan# 21
Delta R.T. 0.038 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

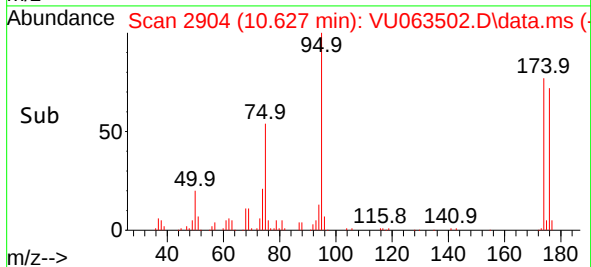
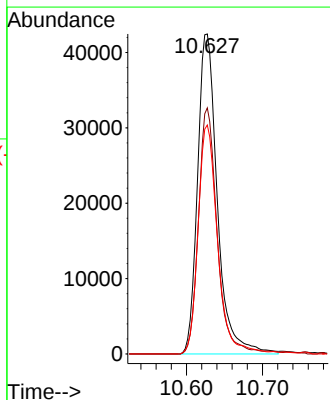
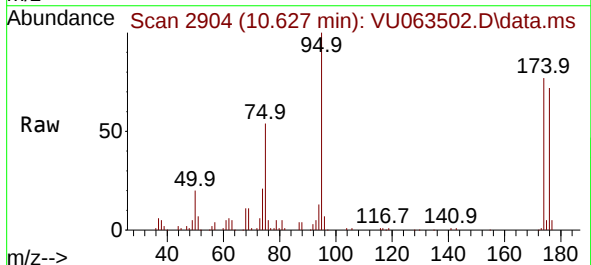
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

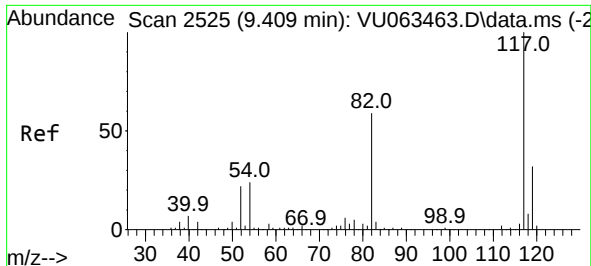
Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
58 50.3 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 49.136 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion: 95 Resp: 76840
Ion Ratio Lower Upper
95 100
174 72.3 0.0 153.6
176 70.2 0.0 145.8

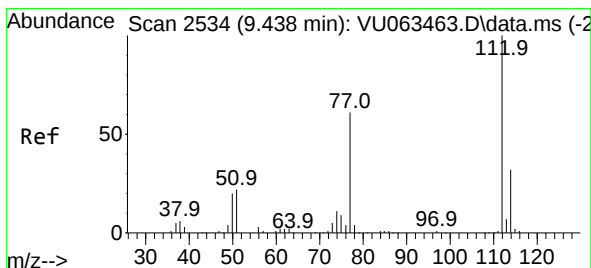
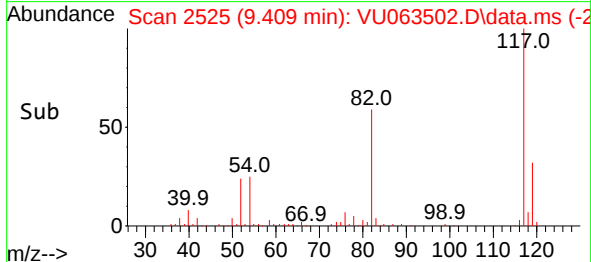
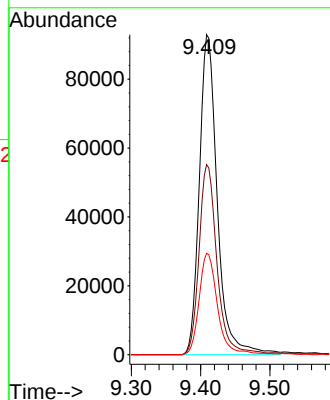
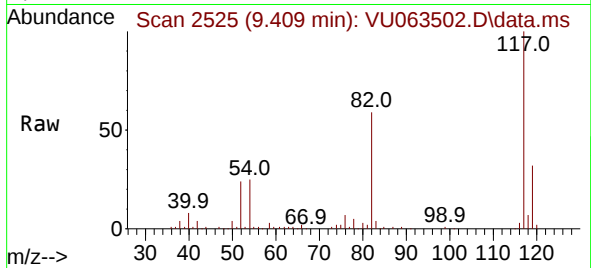




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

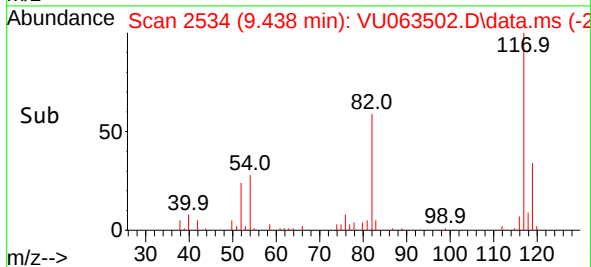
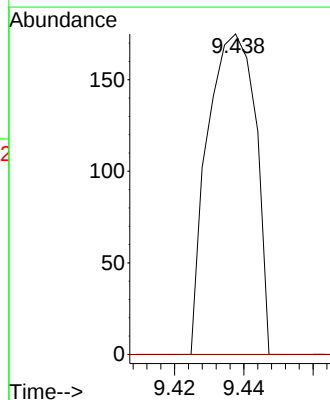
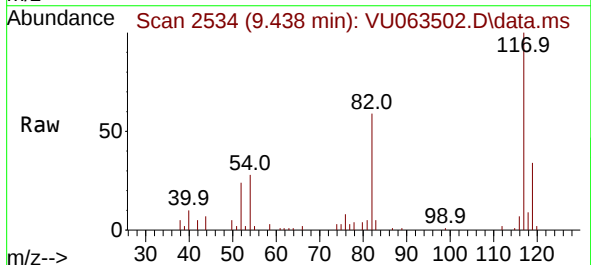
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

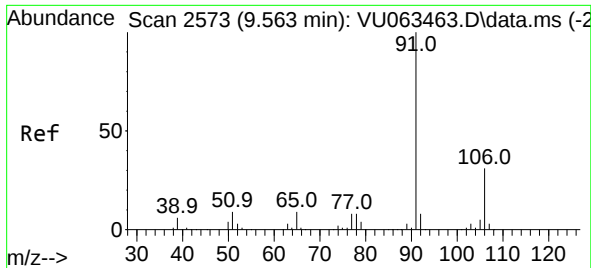
Tgt Ion:117 Resp: 167595
Ion Ratio Lower Upper
117 100
82 59.4 47.1 70.7
119 31.7 25.4 38.0



#65
Chlorobenzene
Concen: 0.048 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion:112 Resp: 168
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#

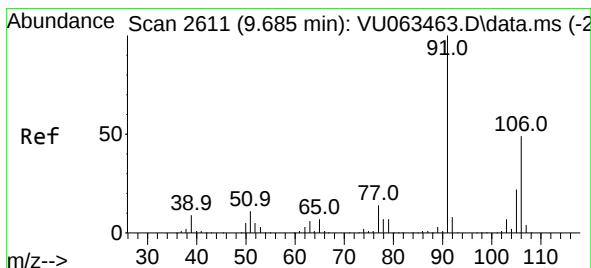
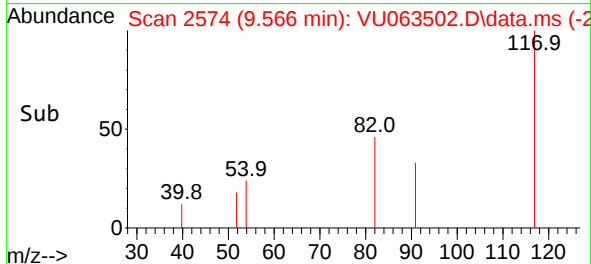
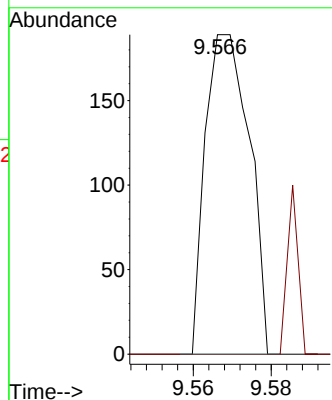
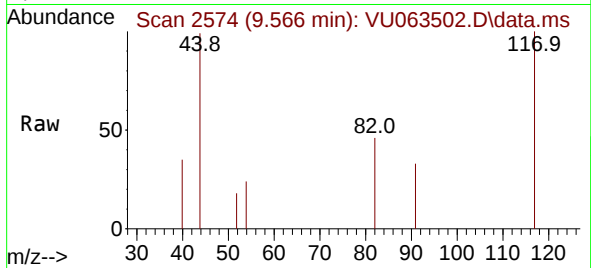




#67
Ethyl Benzene
Concen: 0.025 ug/l
RT: 9.566 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

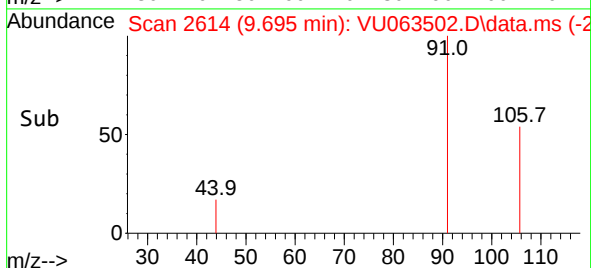
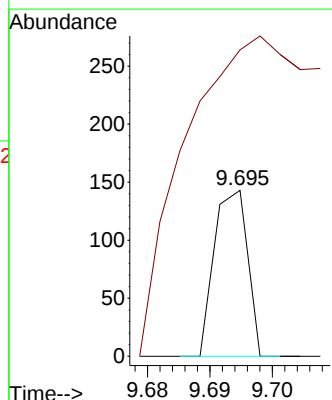
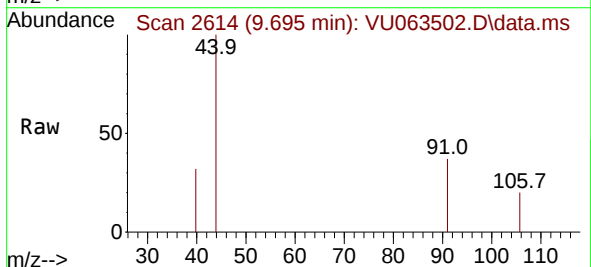
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

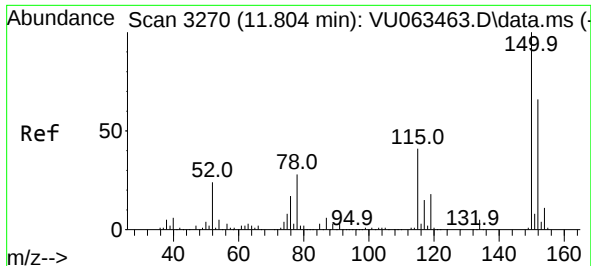
Tgt Ion: 91 Resp: 148
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#



#68
m/p-Xylenes
Concen: 0.023 ug/l
RT: 9.695 min Scan# 2614
Delta R.T. 0.009 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion:106 Resp: 53
Ion Ratio Lower Upper
106 100
91 1013.2 163.6 245.4#

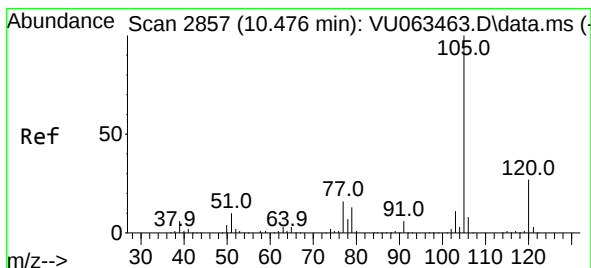
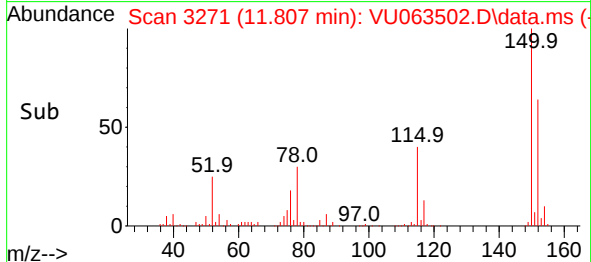
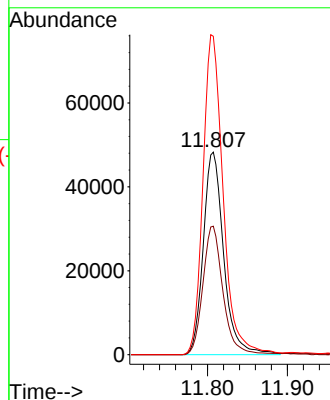
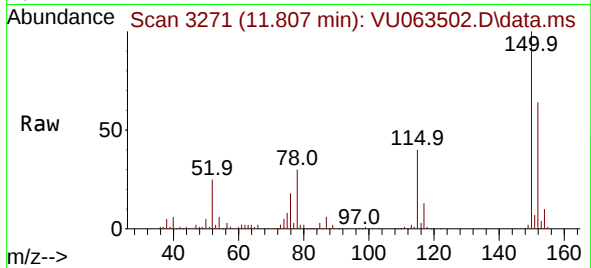




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.807 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

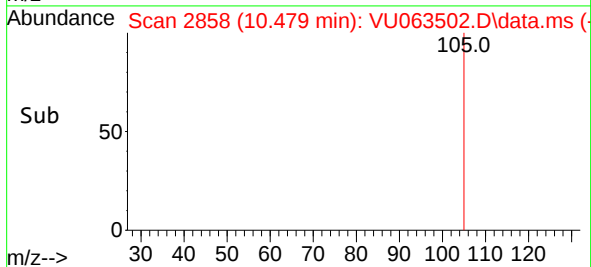
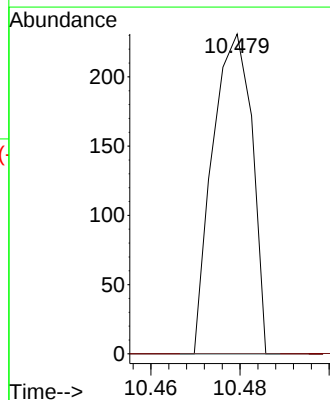
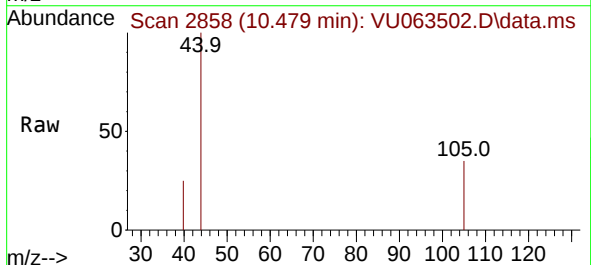
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

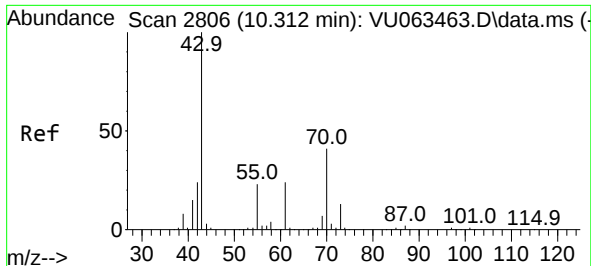
Tgt Ion:152 Resp: 85994
Ion Ratio Lower Upper
152 100
115 62.4 43.4 130.2
150 156.0 0.0 341.4



#73
Isopropylbenzene
Concen: 0.024 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion:105 Resp: 142
Ion Ratio Lower Upper
105 100
120 0.0 13.1 39.1#

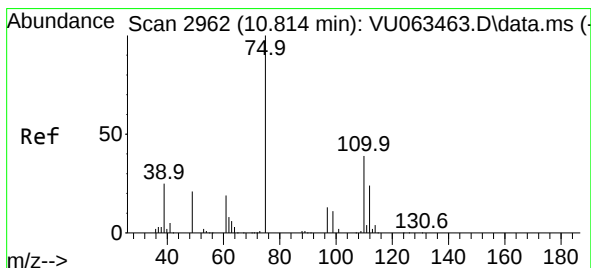
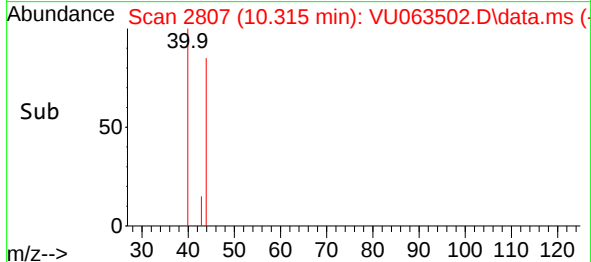
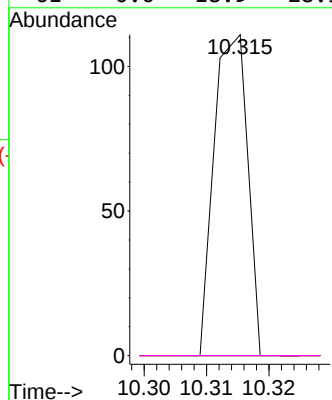
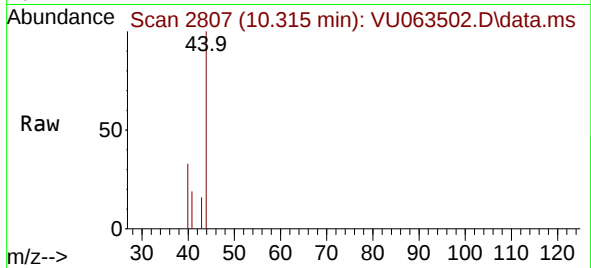




#74
N-amy1 acetate
Concen: 0.016 ug/l
RT: 10.315 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

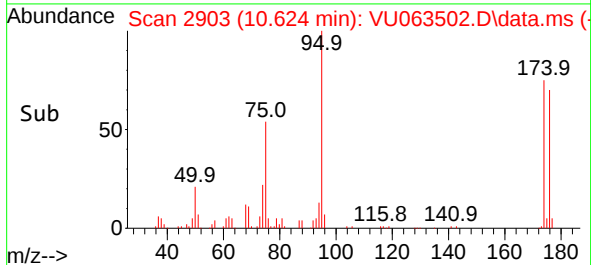
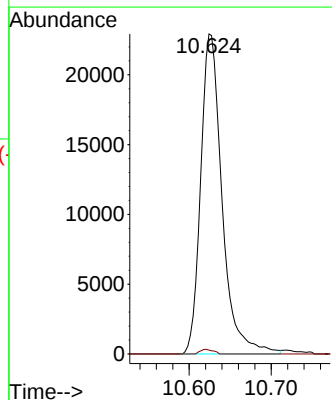
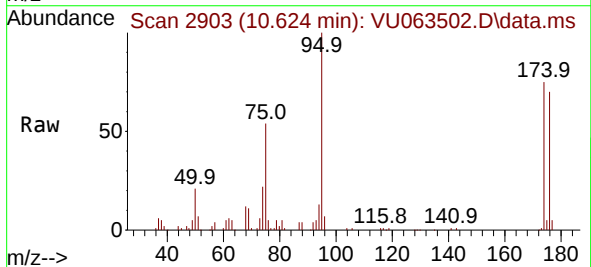
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

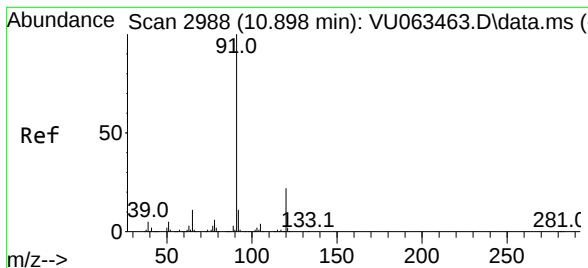
Tgt Ion: 43	Resp:	41
Ion	Ratio	Lower Upper
43	100	
70	0.0	32.6 48.8#
55	0.0	18.6 27.8#
61	0.0	18.9 28.3#



#76
1,2,3-Trichloropropane
Concen: 18.225 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.190 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion: 75	Resp:	41530
Ion	Ratio	Lower Upper
75	100	
77	0.9	3.1 9.4#





#78

n-propylbenzene

Concen: 0.080 ug/l

RT: 10.913 min Scan# 2988

Delta R.T. 0.016 min

Lab File: VU063502.D

Acq: 14 Jul 2025 11:02

Instrument :

MSVOA_U

ClientSampleId :

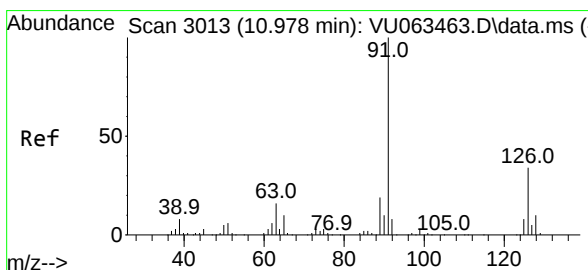
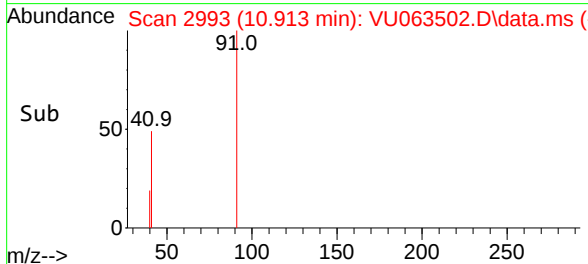
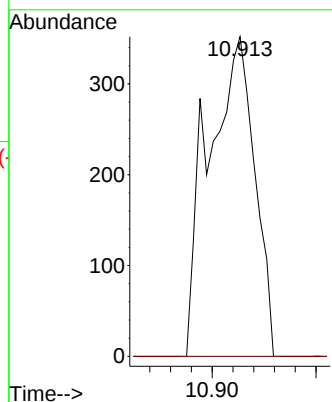
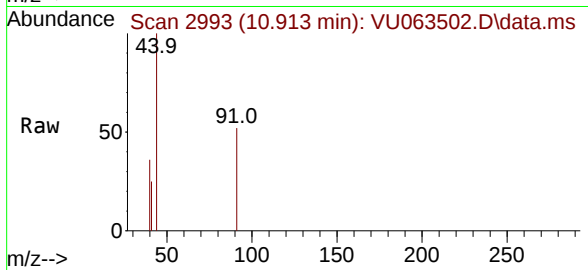
VU0714WBL02

Tgt Ion: 91 Resp: 542

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#79

2-Chlorotoluene

Concen: 0.063 ug/l

RT: 10.987 min Scan# 3016

Delta R.T. 0.009 min

Lab File: VU063502.D

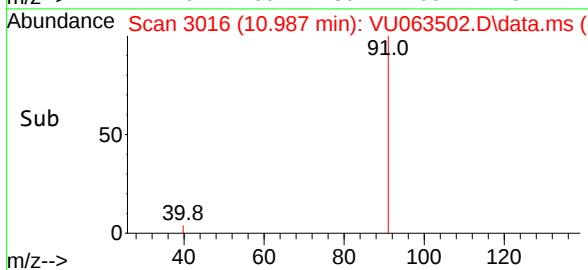
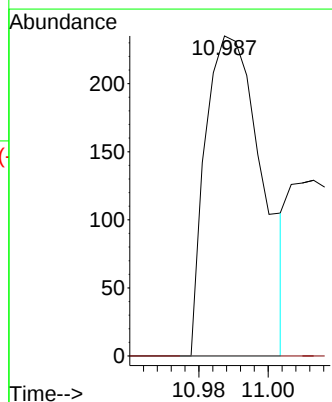
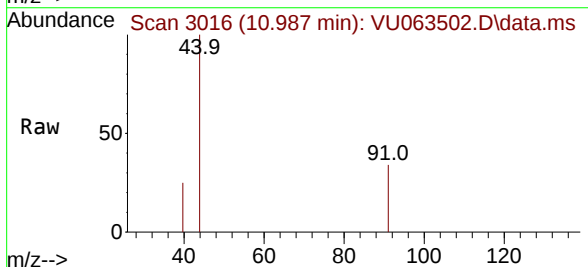
Acq: 14 Jul 2025 11:02

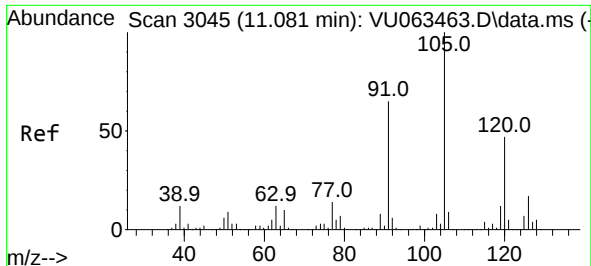
Tgt Ion: 91 Resp: 266

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#

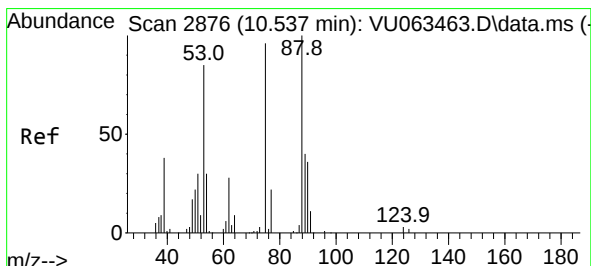
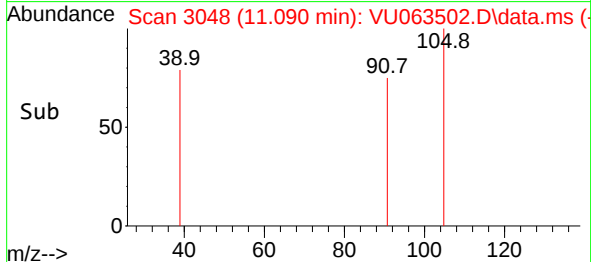
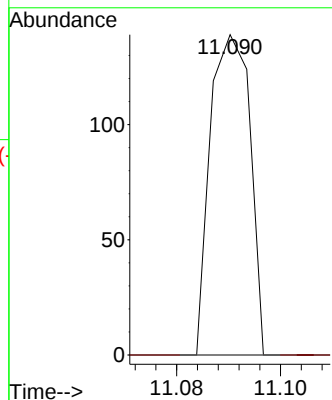
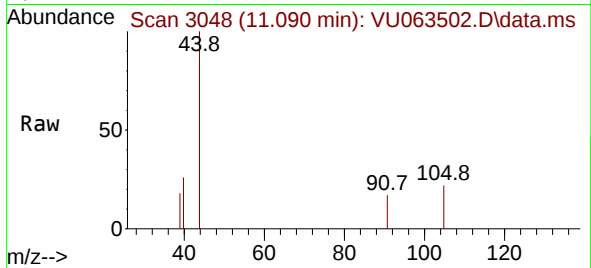




#80
1,3,5-Trimethylbenzene
Concen: 0.014 ug/l
RT: 11.090 min Scan# 3045
Delta R.T. 0.009 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

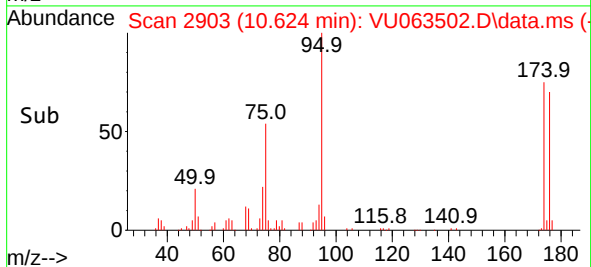
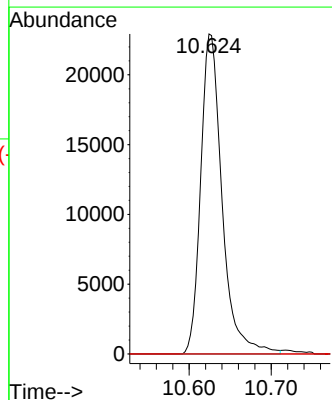
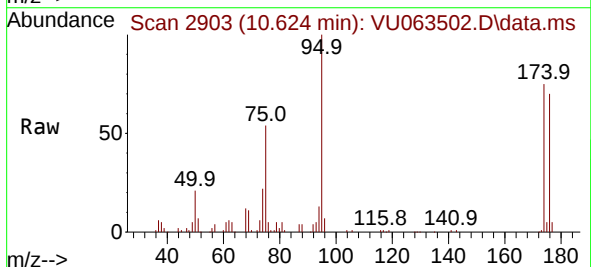
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

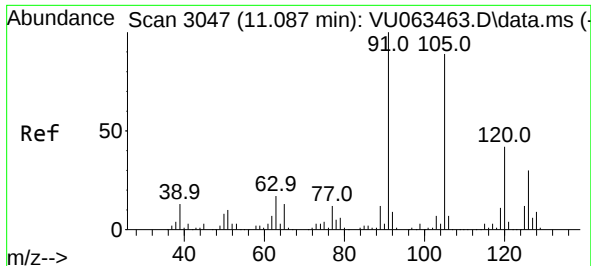
Tgt Ion:105 Resp: 74
Ion Ratio Lower Upper
105 100
120 0.0 23.4 70.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.899 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.087 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion: 75 Resp: 41530
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#

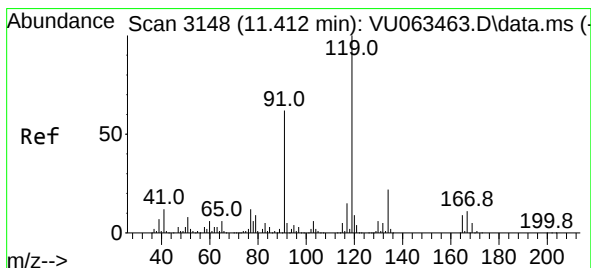
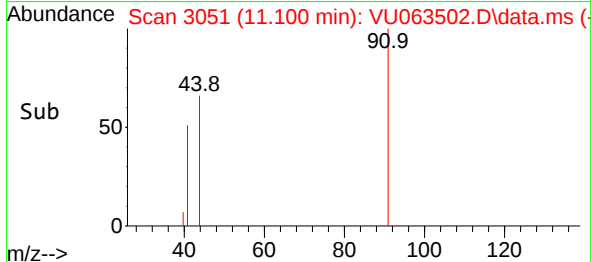
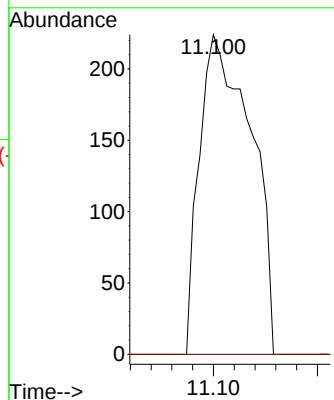
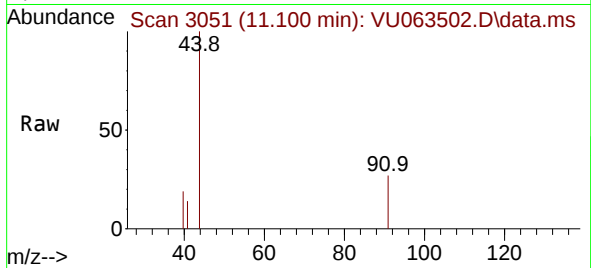




#82
4-Chlorotoluene
Concen: 0.080 ug/l
RT: 11.100 min Scan# 3047
Delta R.T. 0.013 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

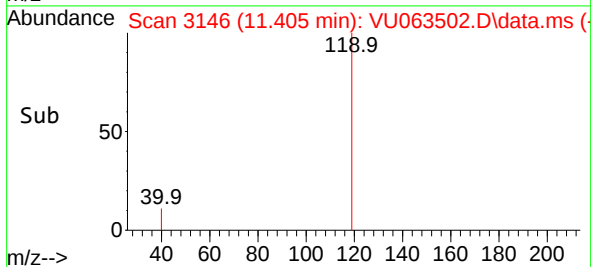
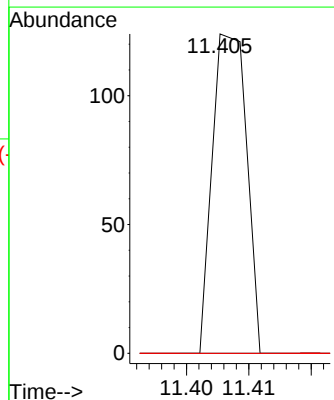
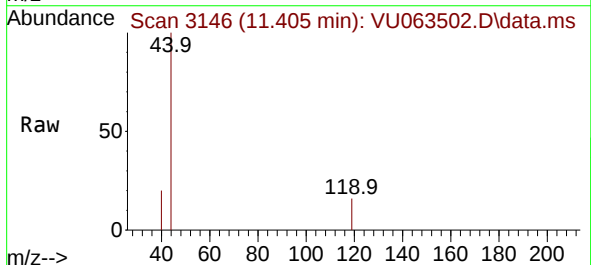
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

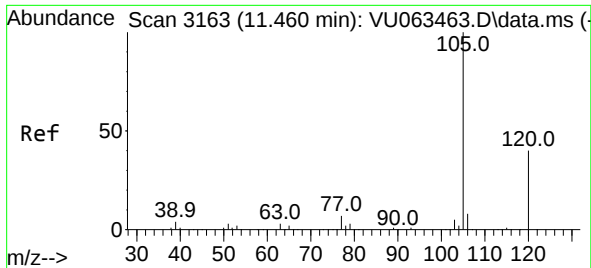
Tgt Ion: 91 Resp: 385
Ion Ratio Lower Upper
91 100
126 0.0 14.4 43.2#



#83
tert-Butylbenzene
Concen: 0.010 ug/l
RT: 11.405 min Scan# 3146
Delta R.T. -0.007 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion: 119 Resp: 47
Ion Ratio Lower Upper
119 100
91 0.0 30.3 91.0#
134 0.0 11.2 33.6#

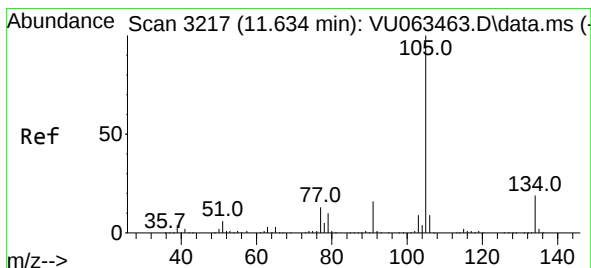
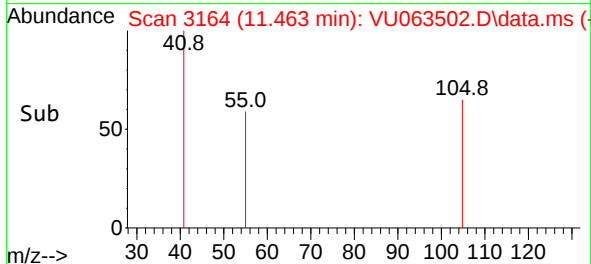
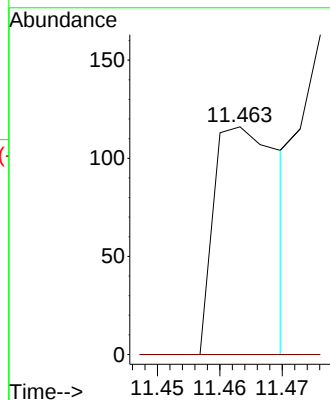
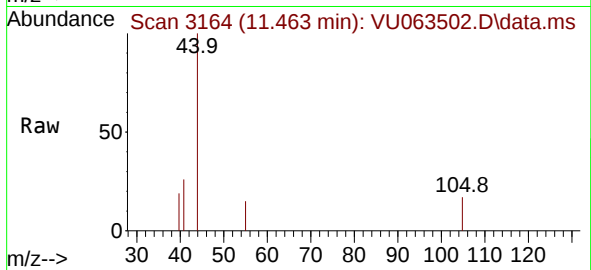




#84
1,2,4-Trimethylbenzene
Concen: 0.017 ug/l
RT: 11.463 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

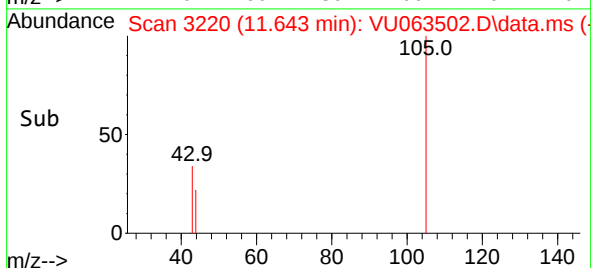
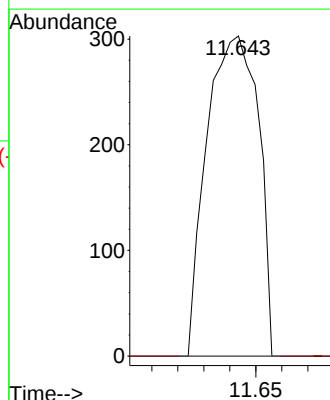
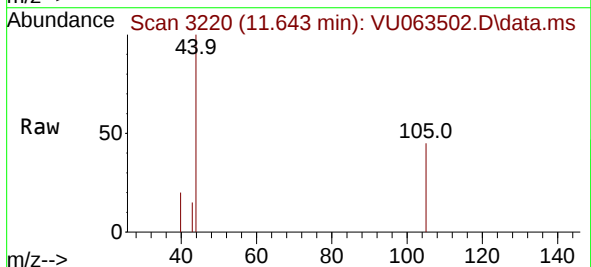
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

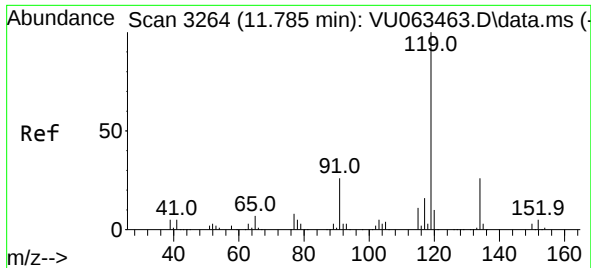
Tgt Ion:105 Resp: 85
Ion Ratio Lower Upper
105 100
120 0.0 22.1 66.3#



#85
sec-Butylbenzene
Concen: 0.064 ug/l
RT: 11.643 min Scan# 3220
Delta R.T. 0.009 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion:105 Resp: 417
Ion Ratio Lower Upper
105 100
134 0.0 9.7 29.1#

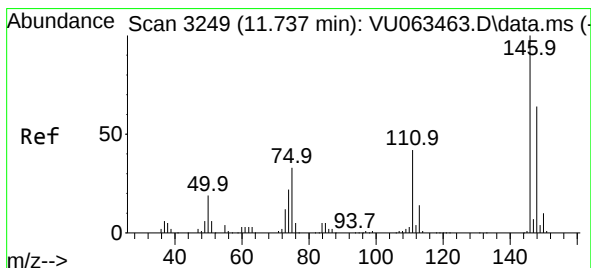
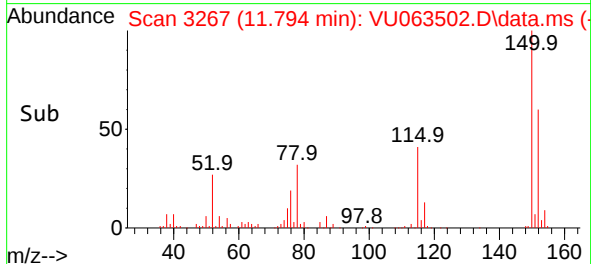
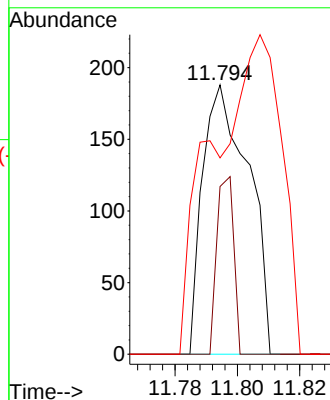
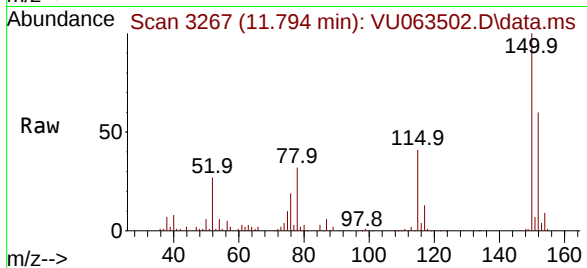




#86
 p-Isopropyltoluene
 Concen: 0.037 ug/l
 RT: 11.794 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: VU063502.D
 Acq: 14 Jul 2025 11:02

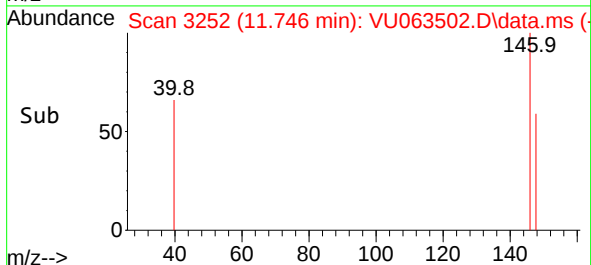
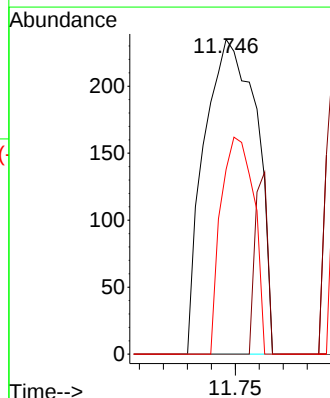
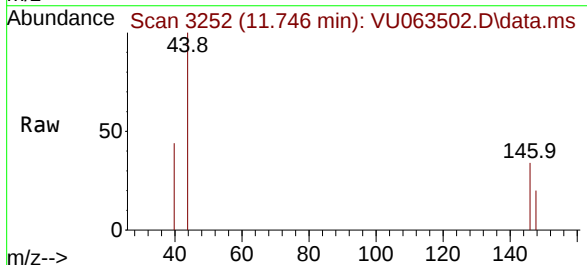
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBL02

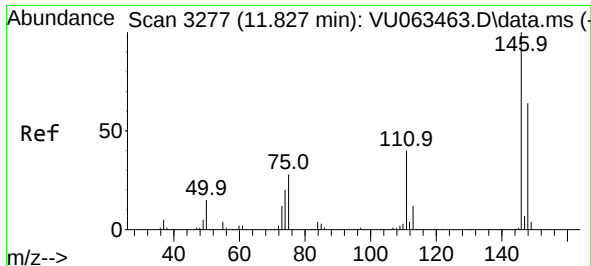
Tgt Ion:119 Resp: 192
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.0 38.9
 91 177.1 13.0 38.9#



#87
 1,3-Dichlorobenzene
 Concen: 0.129 ug/l
 RT: 11.746 min Scan# 3252
 Delta R.T. 0.009 min
 Lab File: VU063502.D
 Acq: 14 Jul 2025 11:02

Tgt Ion:146 Resp: 356
 Ion Ratio Lower Upper
 146 100
 111 14.0 20.9 62.7#
 148 43.3 31.9 95.9

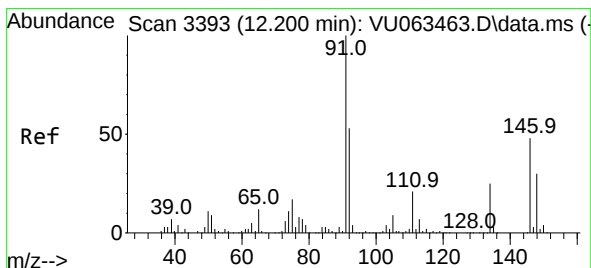
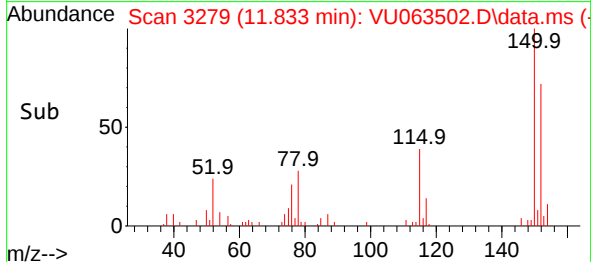
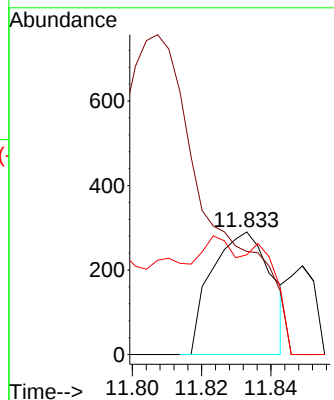
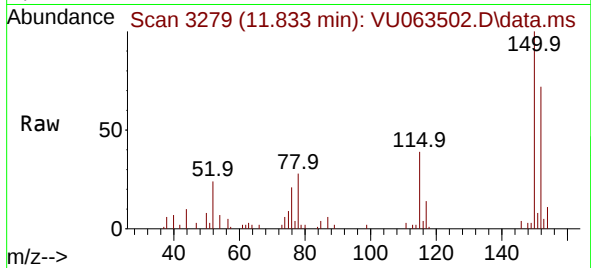




#88
1,4-Dichlorobenzene
Concen: 0.123 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

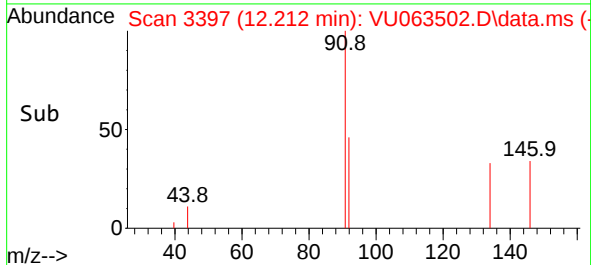
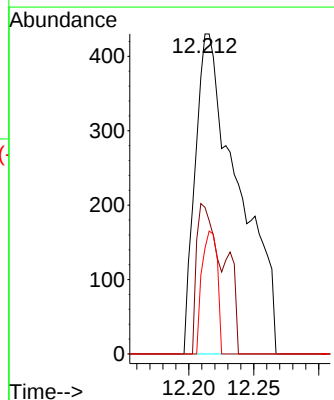
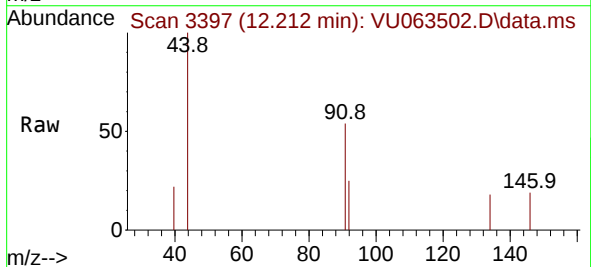
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

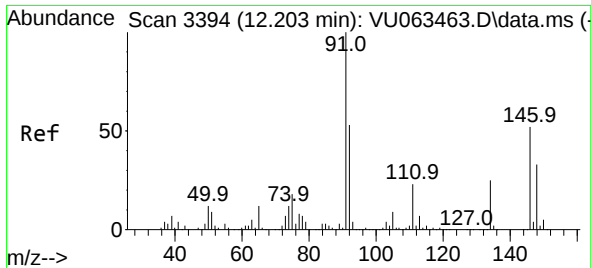
Tgt Ion:146 Resp: 346
Ion Ratio Lower Upper
146 100
111 0.0 20.8 62.4#
148 106.6 31.9 95.9#



#89
n-Butylbenzene
Concen: 0.205 ug/l
RT: 12.212 min Scan# 3397
Delta R.T. 0.013 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion: 91 Resp: 997
Ion Ratio Lower Upper
91 100
92 21.9 26.4 79.2#
134 13.5 12.4 37.0

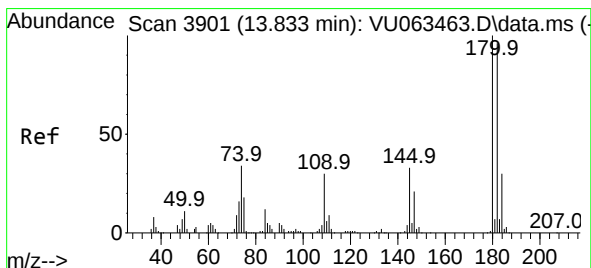
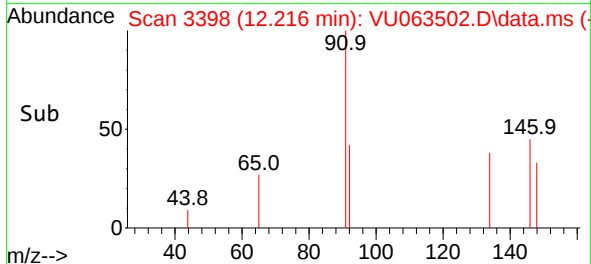
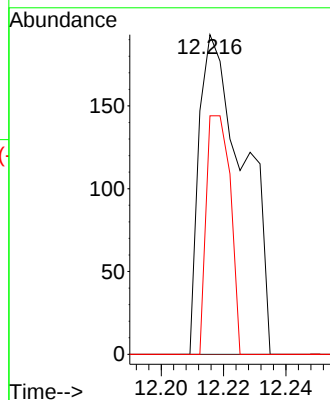
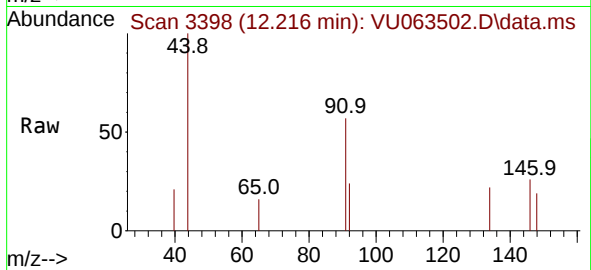




#91
 1,2-Dichlorobenzene
 Concen: 0.071 ug/l
 RT: 12.216 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: VU063502.D
 Acq: 14 Jul 2025 11:02

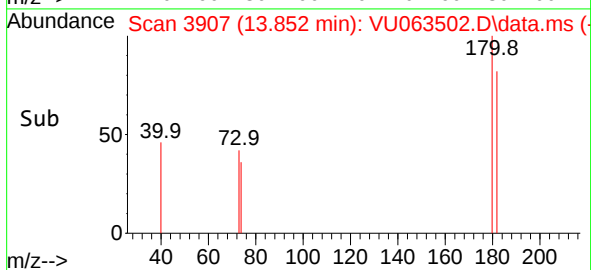
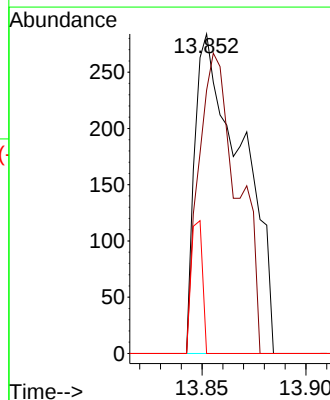
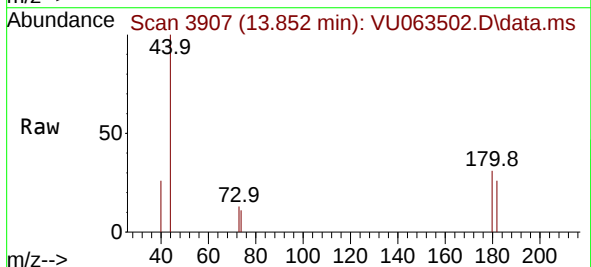
Instrument :
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 ClientSampleId :
 VU0714WBL02

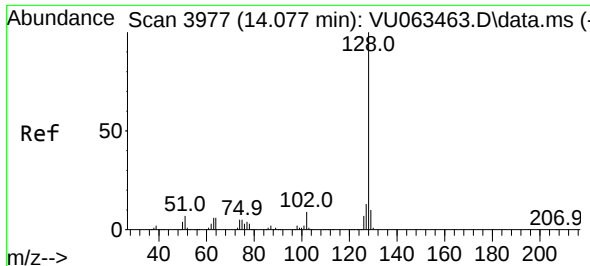
Tgt Ion:146 Resp: 192
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.9 65.5#
 148 40.1 31.6 95.0



#93
 1,2,4-Trichlorobenzene
 Concen: 0.258 ug/l
 RT: 13.852 min Scan# 3907
 Delta R.T. 0.019 min
 Lab File: VU063502.D
 Acq: 14 Jul 2025 11:02

Tgt Ion:180 Resp: 446
 Ion Ratio Lower Upper
 180 100
 182 78.0 47.7 143.1
 145 10.1 16.6 49.7#

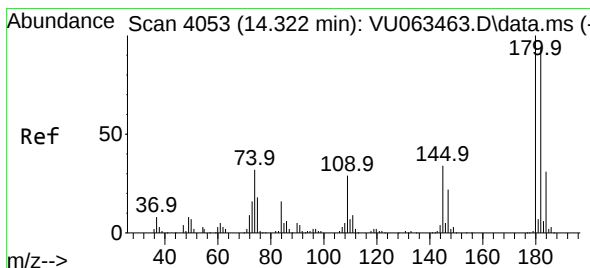
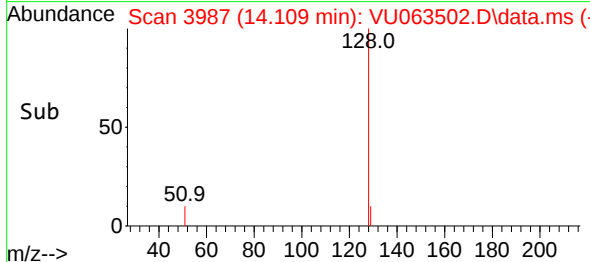
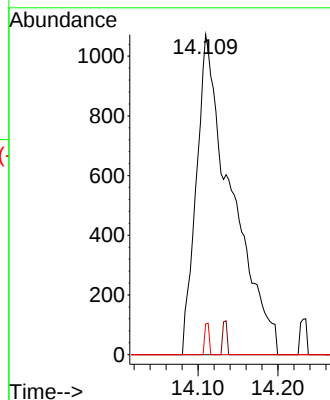
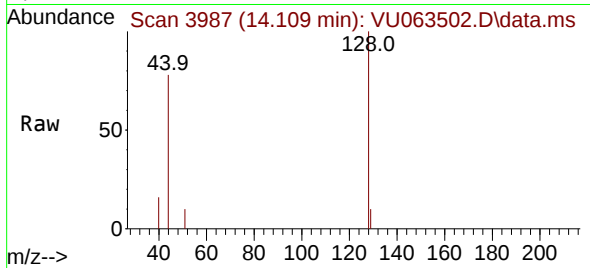




#95
Naphthalene
Concen: 0.579 ug/l
RT: 14.109 min Scan# 3977
Delta R.T. 0.032 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL02

Tgt Ion:128 Resp: 3272
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 1.2 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.184 ug/l
RT: 14.331 min Scan# 4056
Delta R.T. 0.009 min
Lab File: VU063502.D
Acq: 14 Jul 2025 11:02

Tgt Ion:180 Resp: 312
Ion Ratio Lower Upper
180 100
182 122.4 47.8 143.3
145 19.2 17.2 51.5

