

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063484.D
 Acq On : 11 Jul 2025 09:39
 Operator : MD/SY
 Sample : VU0711WBL01
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBL01

Quant Time: Jul 12 03:44:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.360	168	111356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	199121	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	182276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	86625	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	75524	53.157	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.320%
35) Dibromofluoromethane	5.277	113	59435	49.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	7.888	98	190892	48.790	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	10.624	95	79131	46.239	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.480%

Target Compounds			Qvalue			
3) Chloromethane	1.521	50	240	0.222	ug/l #	42
5) Bromomethane	1.853	94	183	0.218	ug/l	95
6) Chloroethane	1.920	64	211	0.243	ug/l #	43
8) Diethyl Ether	2.393	74	20	0.025	ug/l #	1
10) Methyl Iodide	2.714	142	124	0.104	ug/l #	57
11) Tert butyl alcohol	3.177	59	688	1.444	ug/l #	61
12) 1,1-Dichloroethene	2.576	96	21	0.020	ug/l #	44
13) Acrolein	2.480	56	433	6.440	ug/l	83
14) Allyl chloride	2.898	41	219	0.087	ug/l #	26
15) Acrylonitrile	3.309	53	279	0.273	ug/l #	80
16) Acetone	2.618	43	608	0.510	ug/l	96
17) Carbon Disulfide	2.779	76	942	0.371	ug/l #	74
18) Methyl Acetate	2.939	43	92	0.030	ug/l #	54
20) Methylene Chloride	3.033	84	602	0.346	ug/l #	78
21) trans-1,2-Dichloroethene	3.332	96	290	0.254	ug/l #	31
22) Diisopropyl ether	4.235	45	20	0.005	ug/l #	27
23) Vinyl Acetate	3.943	43	88	0.026	ug/l #	73
24) 1,1-Dichloroethane	3.589	63	64	0.026	ug/l #	82
25) 2-Butanone	4.685	43	67	0.050	ug/l #	49
29) Tetrahydrofuran	5.068	42	44	0.052	ug/l #	32
31) Cyclohexane	5.357	56	2916	1.484	ug/l #	6
36) 1,1-Dichloropropene	5.357	75	9754	5.981	ug/l #	50
37) Ethyl Acetate	4.811	43	208	0.079	ug/l #	70
38) Carbon Tetrachloride	5.354	117	12023	6.691	ug/l #	16
40) Benzene	5.566	78	20	0.004	ug/l #	52
41) Methacrylonitrile	4.959	41	63	0.051	ug/l #	21
42) 1,2-Dichloroethane	5.795	62	39	0.020	ug/l #	76
43) Isopropyl Acetate	5.942	43	46	0.013	ug/l #	61
44) Trichloroethene	6.537	130	66	0.048	ug/l	1
48) Methyl methacrylate	6.968	41	229	0.141	ug/l #	22
51) 4-Methyl-2-Pentanone	7.807	43	1200	0.473	ug/l #	52
52) Toluene	7.965	92	42	0.013	ug/l #	1
53) t-1,3-Dichloropropene	8.216	75	62	0.034	ug/l #	43
59) 2-Hexanone	8.701	43	1312	0.683	ug/l	98
65) Chlorobenzene	9.441	112	244	0.064	ug/l #	60
67) Ethyl Benzene	9.576	91	355	0.054	ug/l #	44

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063484.D
 Acq On : 11 Jul 2025 09:39
 Operator : MD/SY
 Sample : VU0711WBL01
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VU0711WBL01

Quant Time: Jul 12 03:44:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

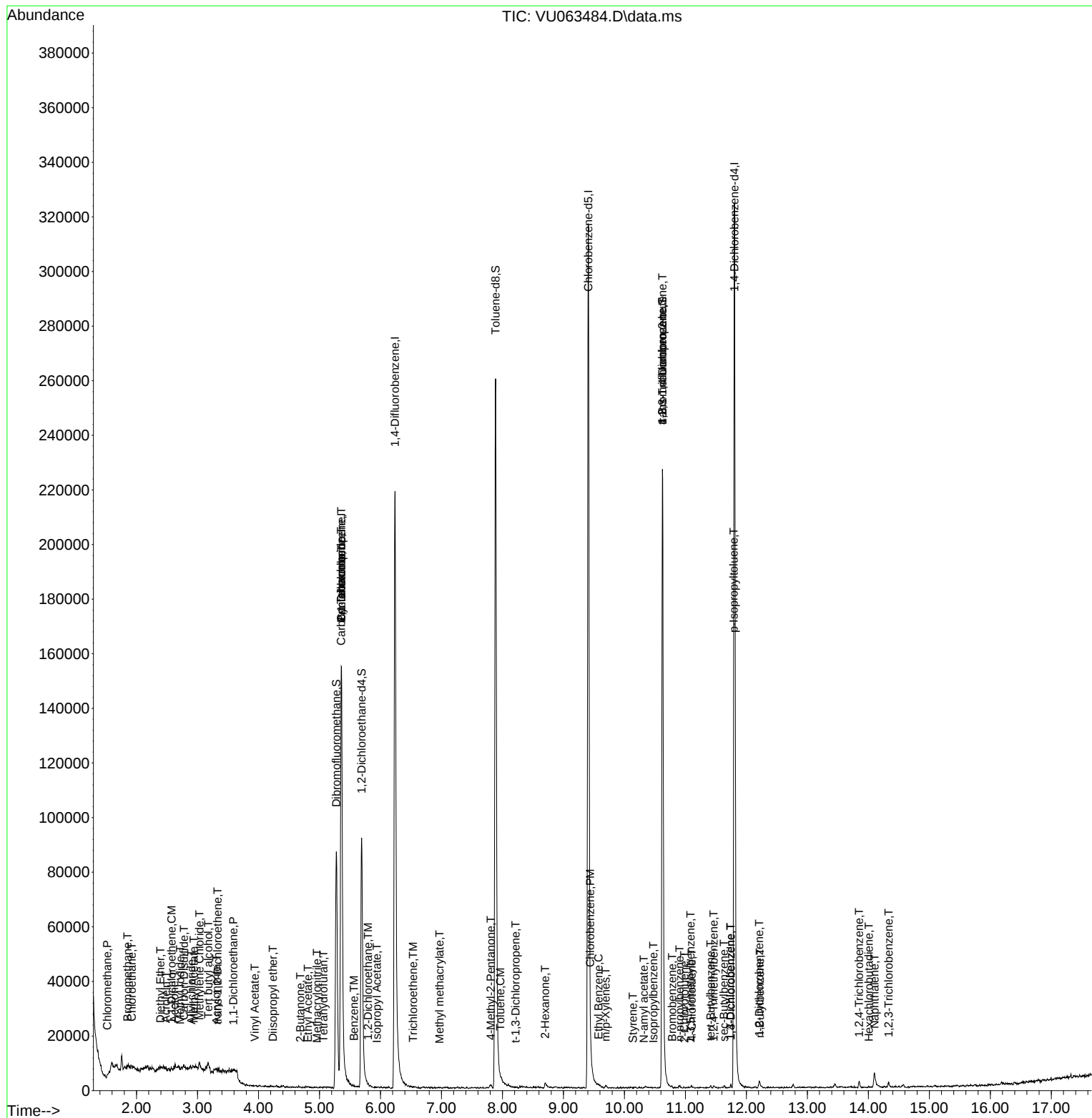
68) m/p-Xylenes	9.691	106	209	0.084	ug/l #	23
70) Styrene	10.138	104	43	0.011	ug/l #	25
73) Isopropylbenzene	10.476	105	241	0.041	ug/l #	49
74) N-amyl acetate	10.318	43	146	0.055	ug/l #	44
76) 1,2,3-Trichloropropane	10.624	75	44743	19.492	ug/l #	85
77) Bromobenzene	10.785	156	98	0.068	ug/l #	1
78) n-propylbenzene	10.904	91	937	0.137	ug/l #	67
79) 2-Chlorotoluene	10.984	91	249	0.058	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.087	105	147	0.029	ug/l #	30
81) trans-1,4-Dichloro-2-b...	10.624	75	44743	97.218	ug/l #	12
82) 4-Chlorotoluene	11.103	91	654	0.134	ug/l	75
83) tert-Butylbenzene	11.415	119	270	0.055	ug/l #	81
84) 1,2,4-Trimethylbenzene	11.463	105	536	0.106	ug/l	95
85) sec-Butylbenzene	11.634	105	529	0.081	ug/l	85
86) p-Isopropyltoluene	11.791	119	537	0.101	ug/l #	37
87) 1,3-Dichlorobenzene	11.743	146	505	0.181	ug/l	75
88) 1,4-Dichlorobenzene	11.743	146	505	0.178	ug/l	75
89) n-Butylbenzene	12.222	91	1777	0.363	ug/l	91
91) 1,2-Dichlorobenzene	12.212	146	405	0.149	ug/l #	63
93) 1,2,4-Trichlorobenzene	13.849	180	744	0.428	ug/l	85
94) Hexachlorobutadiene	14.006	225	40	0.054	ug/l #	18
95) Naphthalene	14.103	128	6762	1.188	ug/l #	82
96) 1,2,3-Trichlorobenzene	14.334	180	774	0.453	ug/l	89

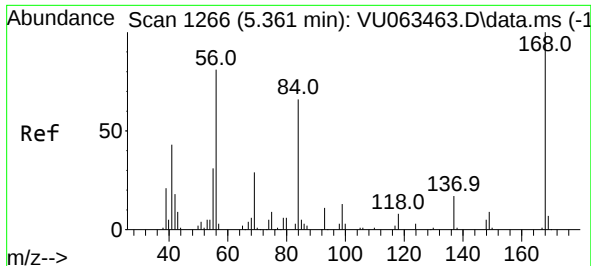
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
Data File : VU063484.D
Acq On : 11 Jul 2025 09:39
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Quant Time: Jul 12 03:44:35 2025
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Quant Title : SW846 8260
QLast Update : Sat Jul 12 03:41:46 2025
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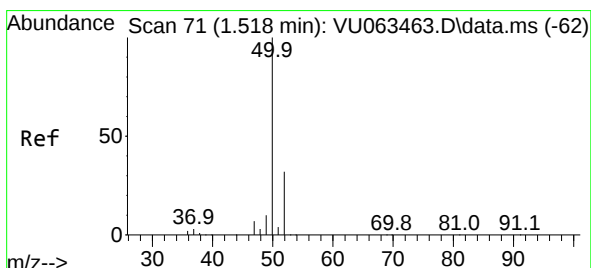
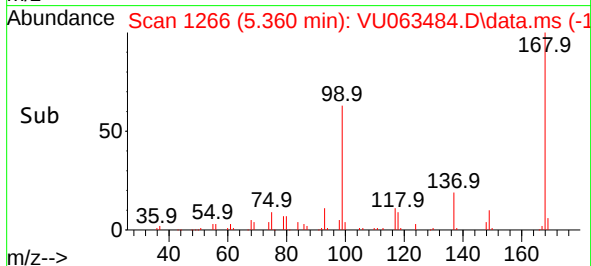
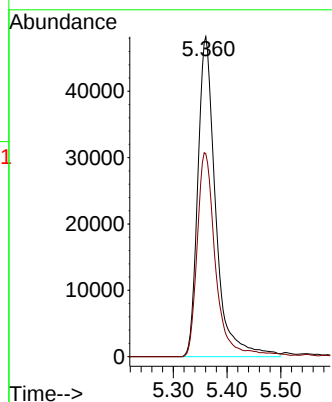
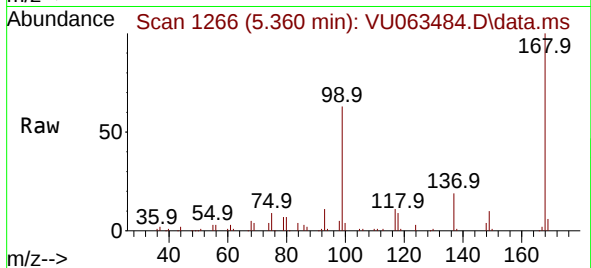




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.360 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

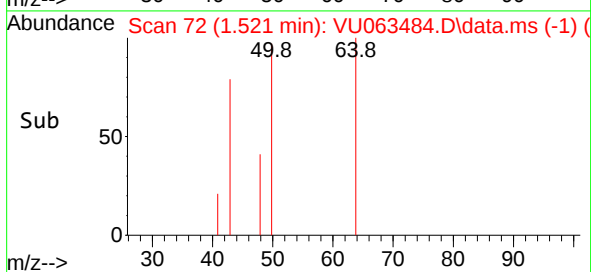
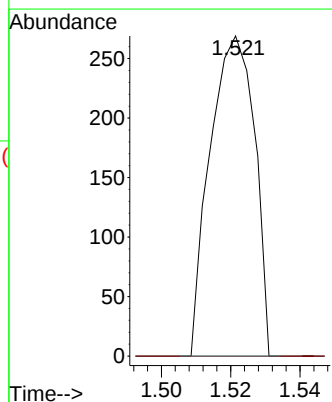
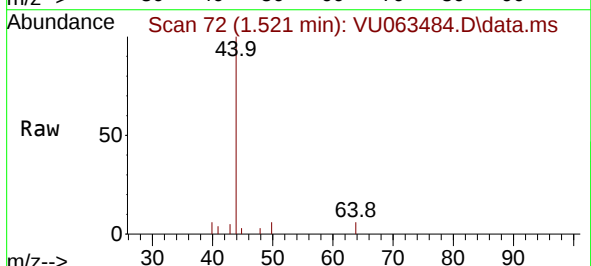
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

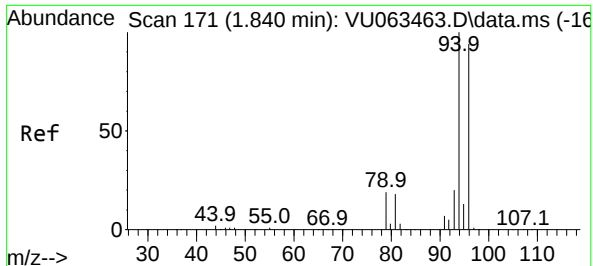
Tgt Ion:168 Resp: 111356
Ion Ratio Lower Upper
168 100
99 63.4 47.7 71.5



#3
Chloromethane
Concen: 0.222 ug/l
RT: 1.521 min Scan# 72
Delta R.T. 0.003 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 50 Resp: 240
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#

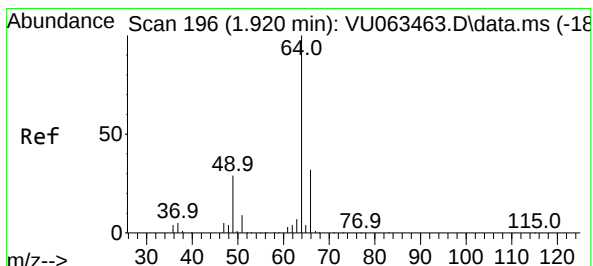
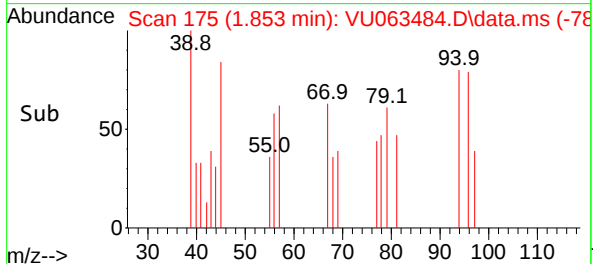
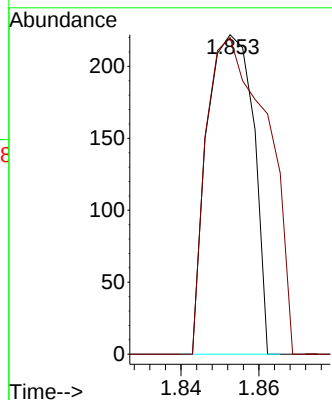
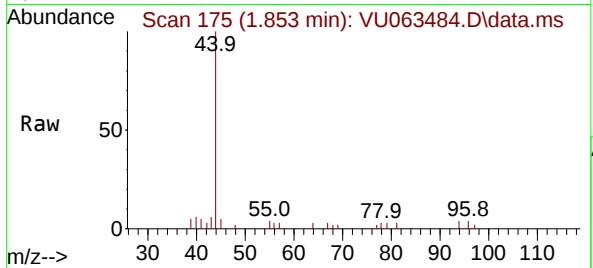




#5
Bromomethane
Concen: 0.218 ug/l
RT: 1.853 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

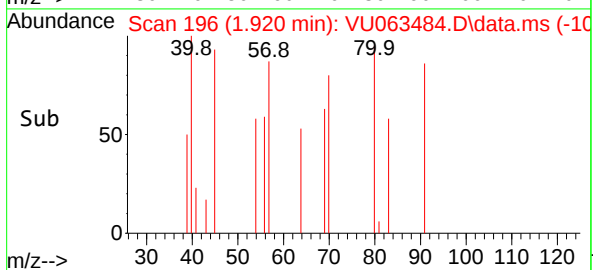
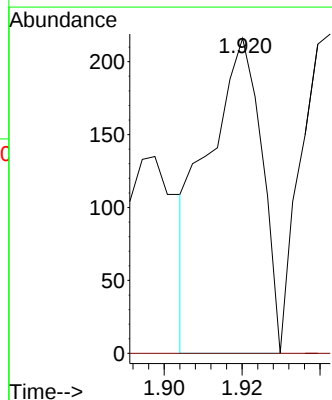
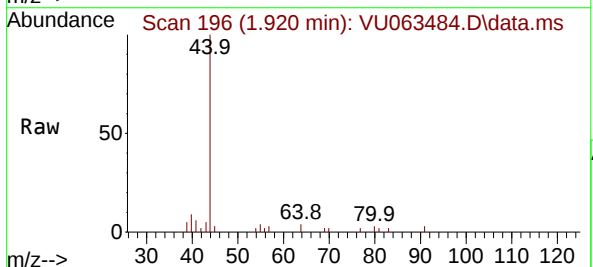
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

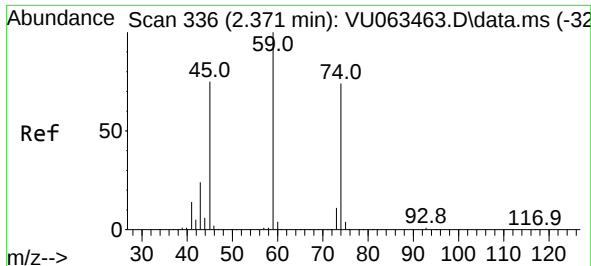
Tgt Ion: 94 Resp: 183
Ion Ratio Lower Upper
94 100
96 99.1 75.5 113.3



#6
Chloroethane
Concen: 0.243 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 64 Resp: 211
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#8

Diethyl Ether

Concen: 0.025 ug/l

RT: 2.393 min Scan# 34

Delta R.T. 0.022 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

Instrument :

MSVOA_U

ClientSampleId :

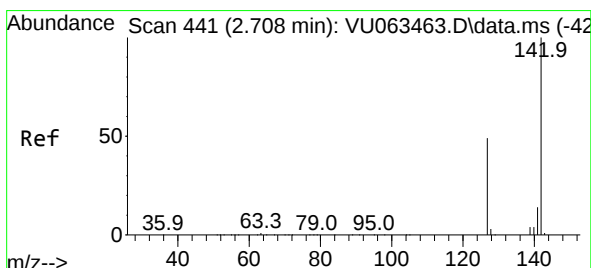
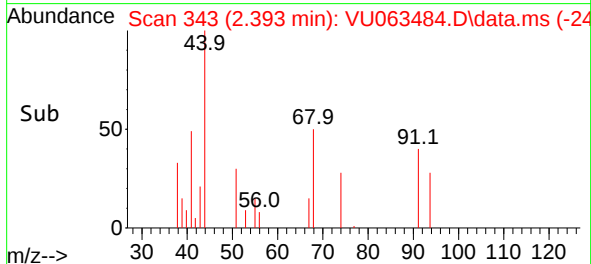
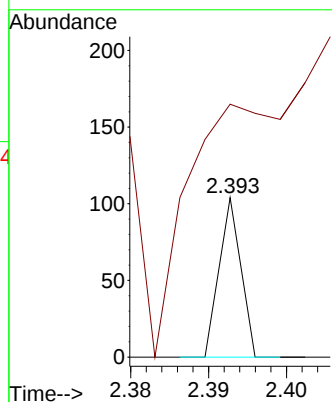
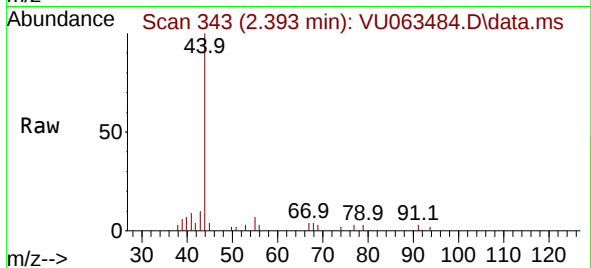
VU0711WBL01

Tgt Ion: 74 Resp: 20

Ion Ratio Lower Upper

74 100

45 0.0 49.7 149.1#



#10

Methyl Iodide

Concen: 0.104 ug/l

RT: 2.714 min Scan# 443

Delta R.T. 0.006 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

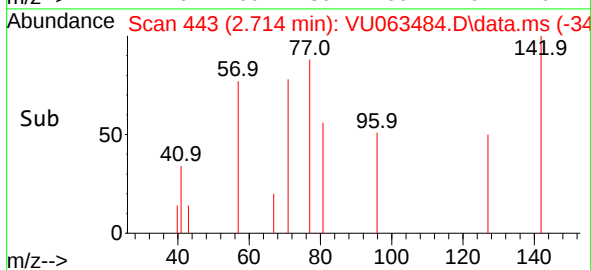
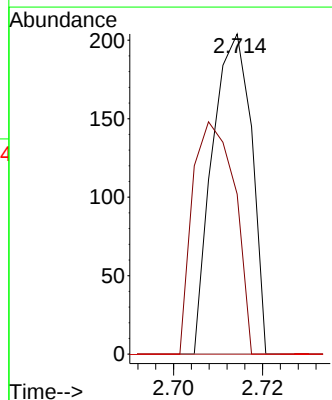
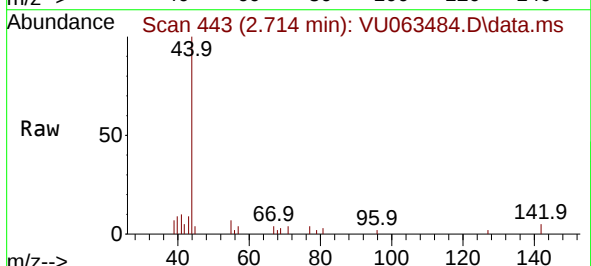
Tgt Ion: 142 Resp: 124

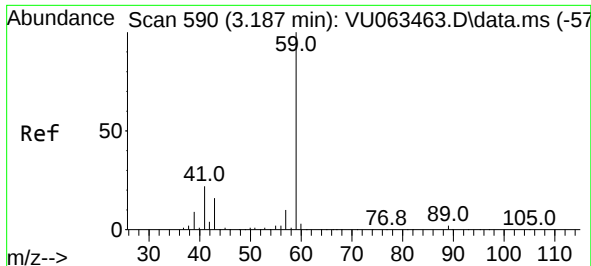
Ion Ratio Lower Upper

142 100

127 78.2 38.2 57.4#

141 0.0 11.1 16.7#

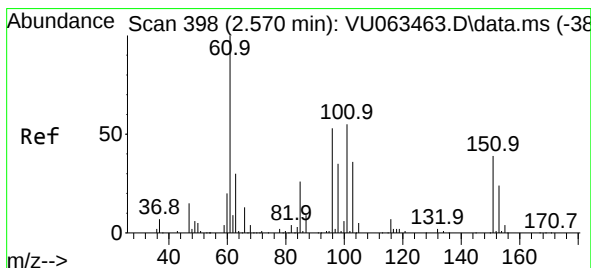
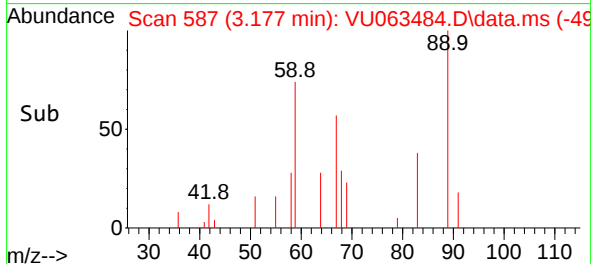
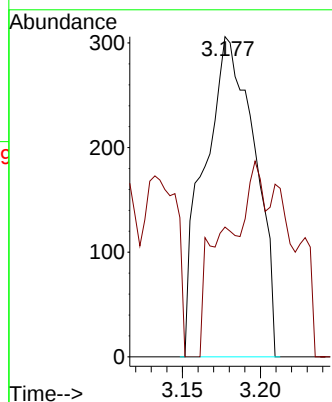
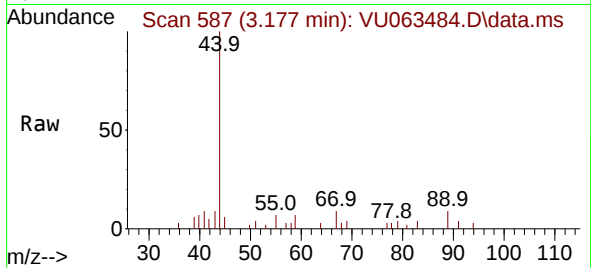




#11
Tert butyl alcohol
Concen: 1.444 ug/l
RT: 3.177 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

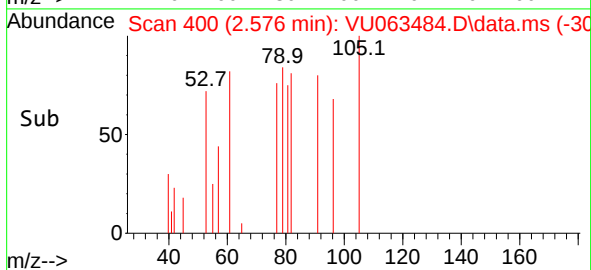
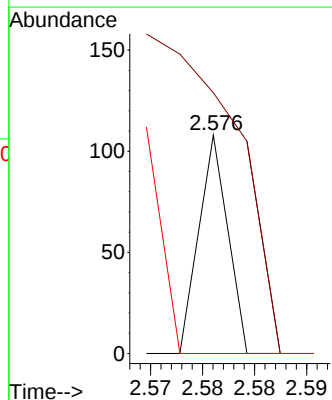
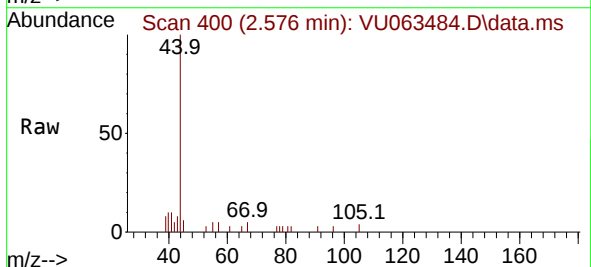
Instrument :
MSVOA_U
ClientSampleId :
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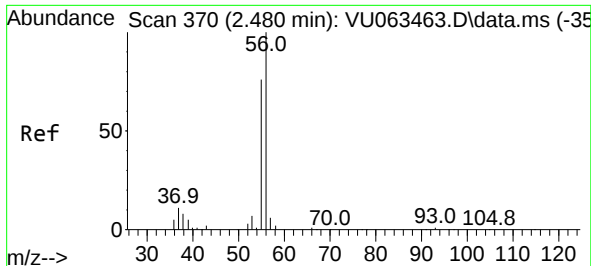
Tgt Ion: 59 Resp: 688
Ion Ratio Lower Upper
59 100
57 25.7 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 0.020 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.006 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 96 Resp: 21
Ion Ratio Lower Upper
96 100
61 119.4 149.6 224.4#
98 0.0 52.0 78.0#





#13

Acrolein

Concen: 6.440 ug/l

RT: 2.480 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

Instrument :

MSVOA_U

ClientSampleId :

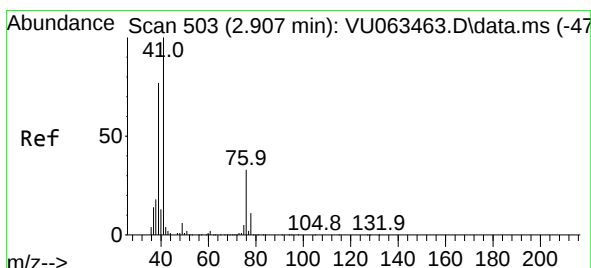
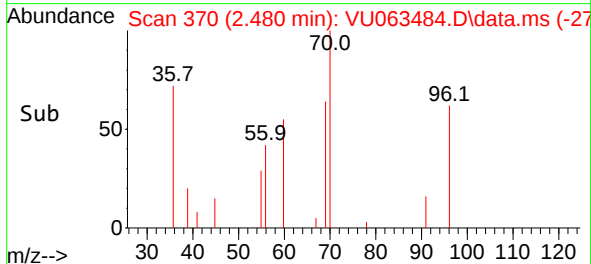
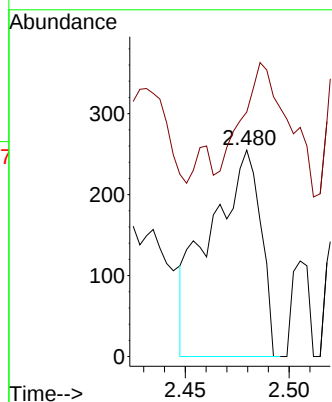
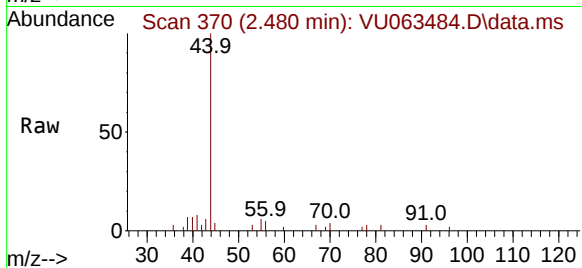
VU0711WBL01

Tgt Ion: 56 Resp: 433

Ion Ratio Lower Upper

56 100

55 60.5 60.2 90.2



#14

Allyl chloride

Concen: 0.087 ug/l

RT: 2.898 min Scan# 500

Delta R.T. -0.010 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

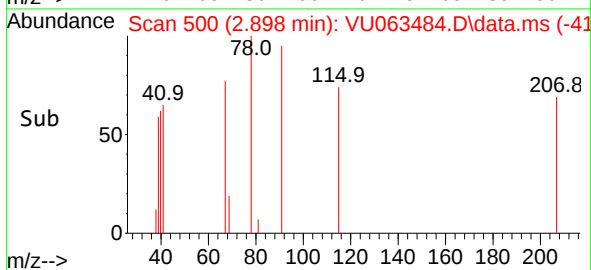
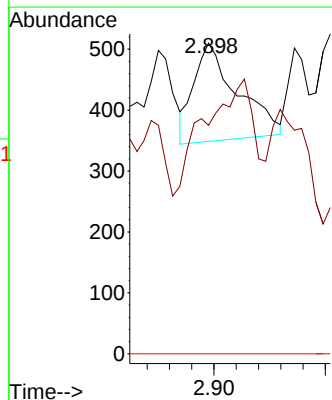
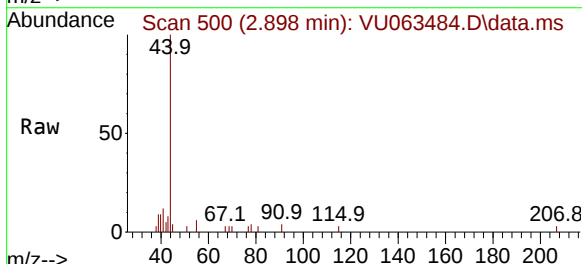
Tgt Ion: 41 Resp: 219

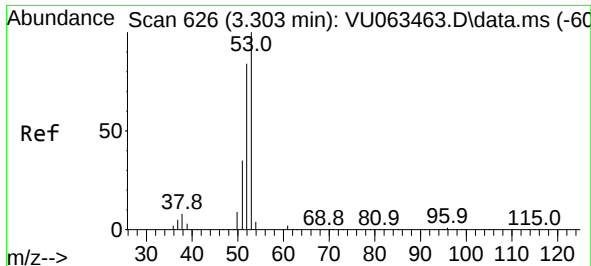
Ion Ratio Lower Upper

41 100

39 133.3 53.9 80.9#

76 0.0 23.1 34.7#

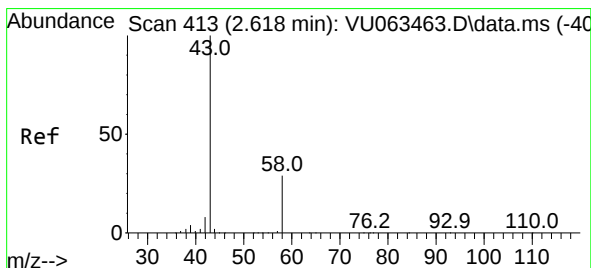
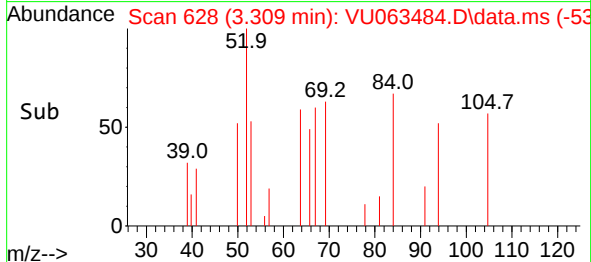
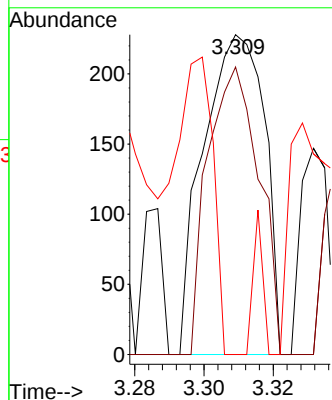
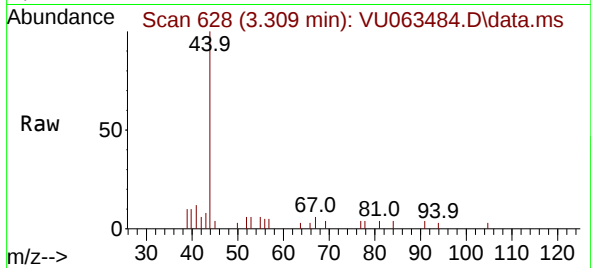




#15
Acrylonitrile
Concen: 0.273 ug/l
RT: 3.309 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

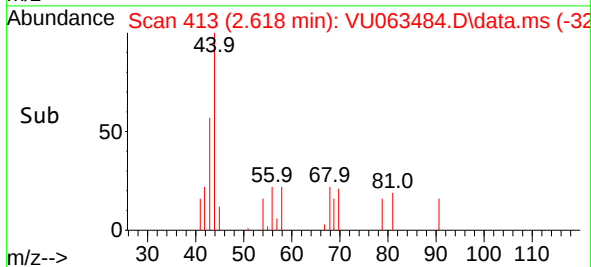
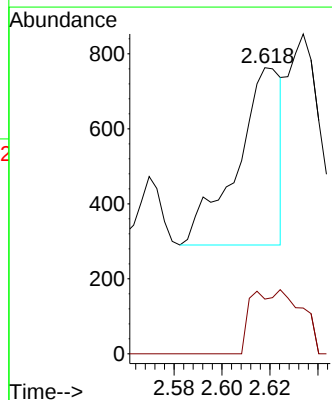
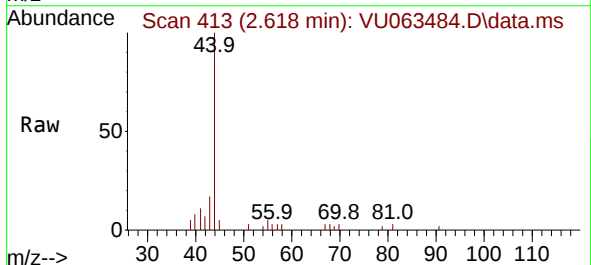
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

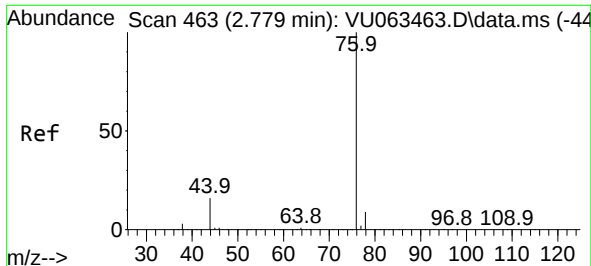
Tgt Ion: 53 Resp: 279
Ion Ratio Lower Upper
53 100
52 75.3 65.0 97.4
51 7.2 28.8 43.2#



#16
Acetone
Concen: 0.510 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
58 30.9 23.1 34.7

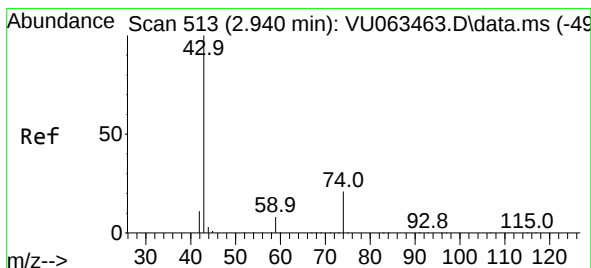
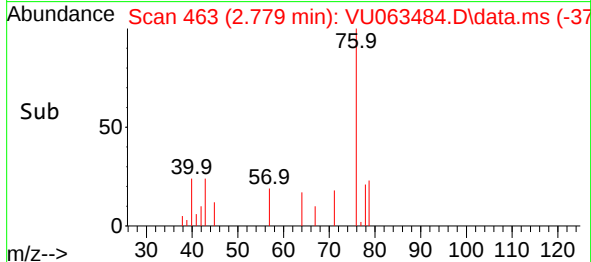
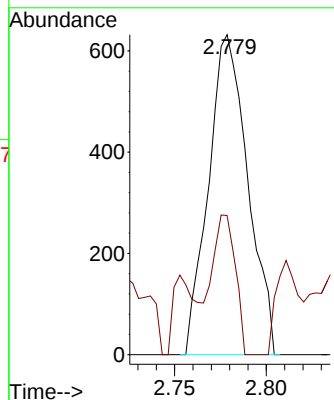
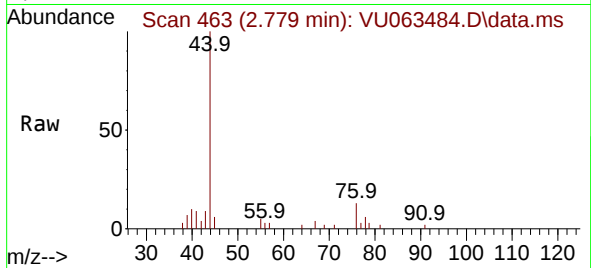




#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 2.779 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

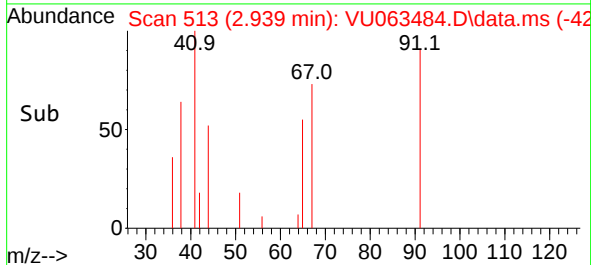
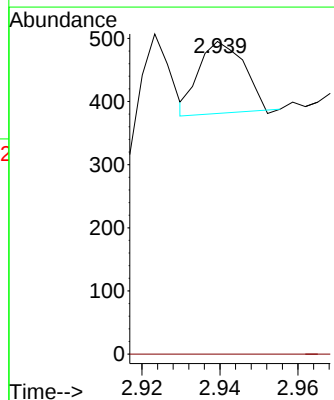
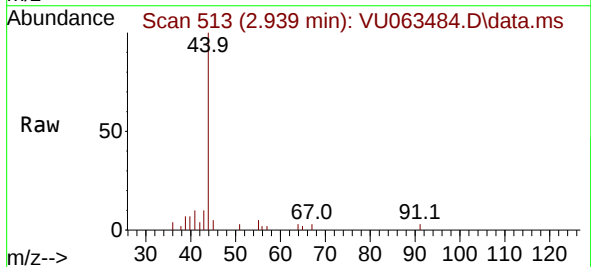
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

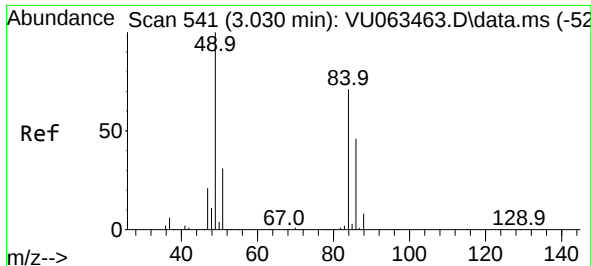
Tgt Ion: 76 Resp: 942
Ion Ratio Lower Upper
76 100
78 18.8 7.5 11.3#



#18
Methyl Acetate
Concen: 0.030 ug/l
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 43 Resp: 92
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#

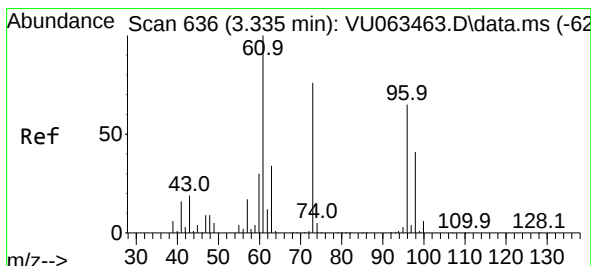
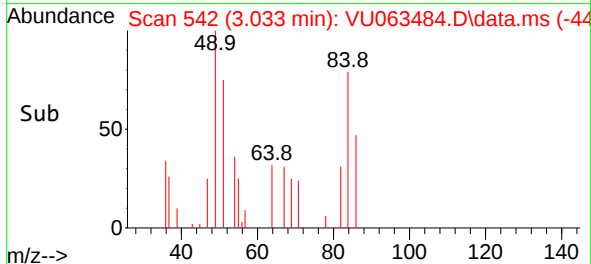
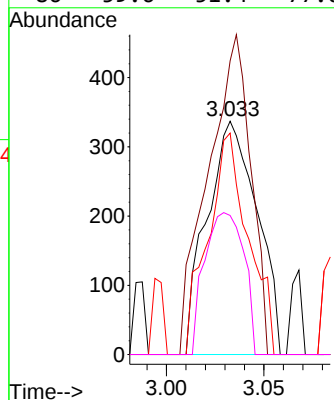
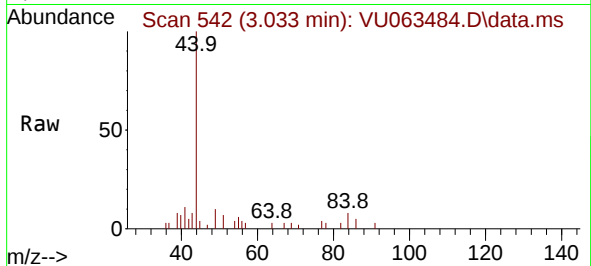




#20
Methylene Chloride
Concen: 0.346 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

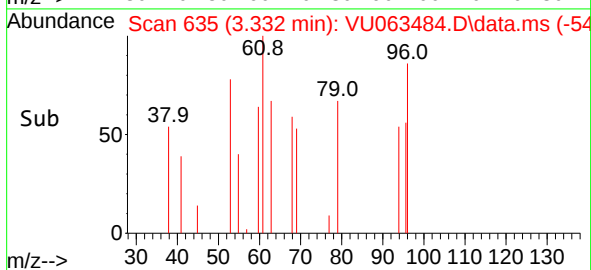
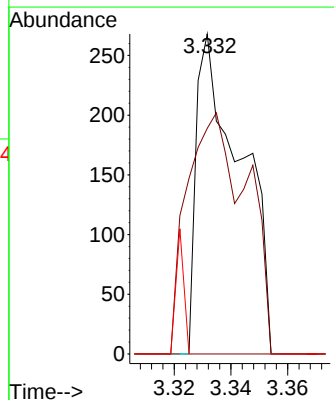
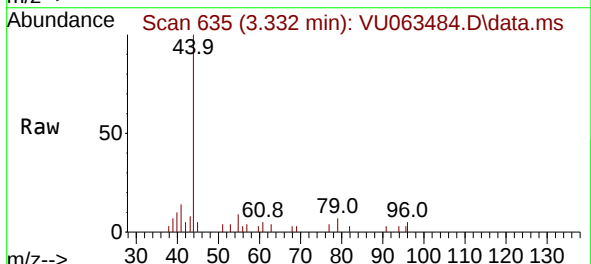
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

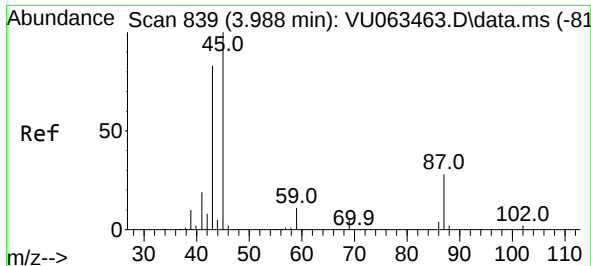
Tgt Ion:	84	Resp:	602
Ion	Ratio	Lower	Upper
84	100		
49	125.8	112.1	168.1
51	95.0	34.4	51.6#
86	59.6	51.4	77.0



#21
trans-1,2-Dichloroethene
Concen: 0.254 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.003 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion:	96	Resp:	290
Ion	Ratio	Lower	Upper
96	100		
61	70.5	122.2	183.4#
98	0.0	49.9	74.9#





#22

Diisopropyl ether

Concen: 0.005 ug/l

RT: 4.235 min Scan# 916

Delta R.T. 0.247 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL01

Tgt Ion: 45 Resp: 20

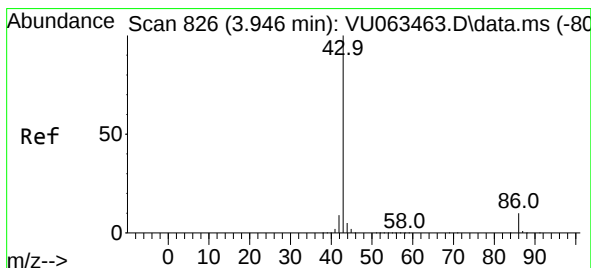
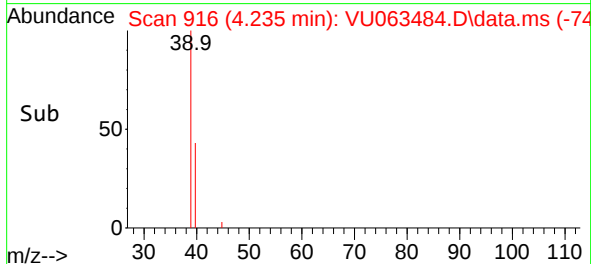
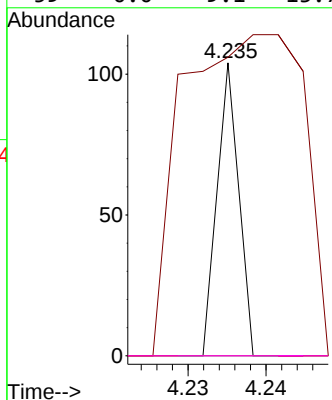
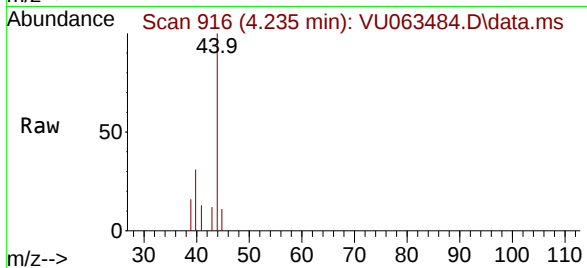
Ion Ratio Lower Upper

45 100

43 5.8 66.5 99.7#

87 0.0 22.6 33.8#

59 0.0 9.1 13.7#



#23

Vinyl Acetate

Concen: 0.026 ug/l

RT: 3.943 min Scan# 825

Delta R.T. -0.003 min

Lab File: VU063484.D

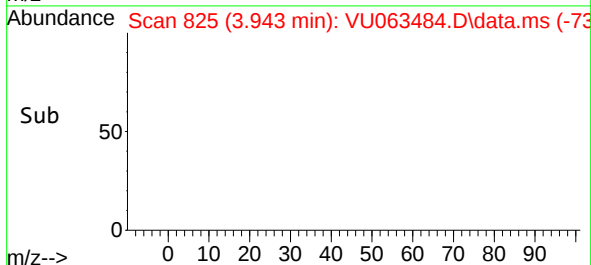
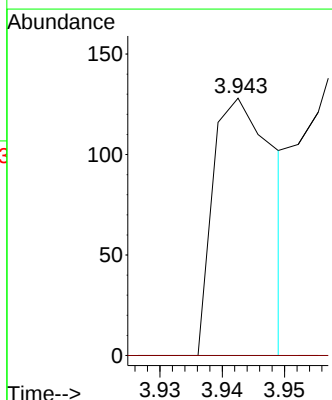
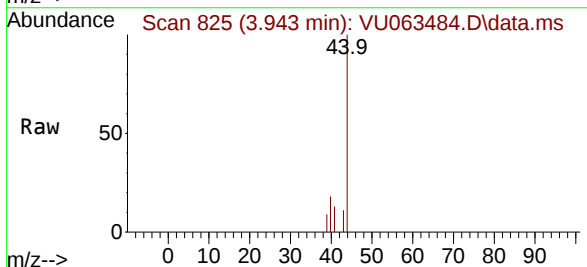
Acq: 11 Jul 2025 09:39

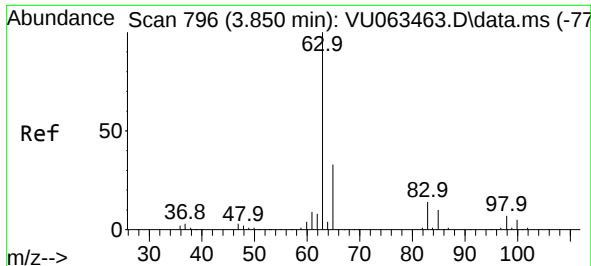
Tgt Ion: 43 Resp: 88

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#





#24

1,1-Dichloroethane

Concen: 0.026 ug/l

RT: 3.589 min Scan# 71

Delta R.T. -0.261 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

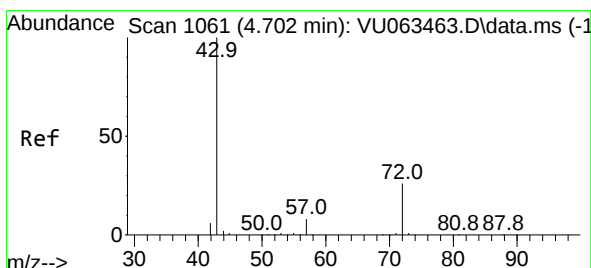
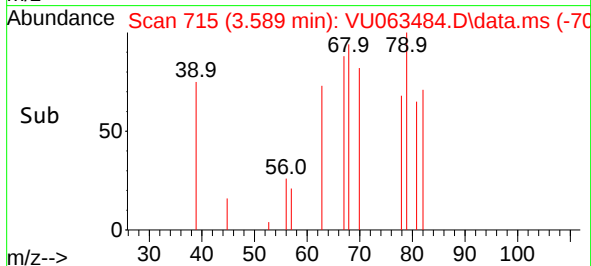
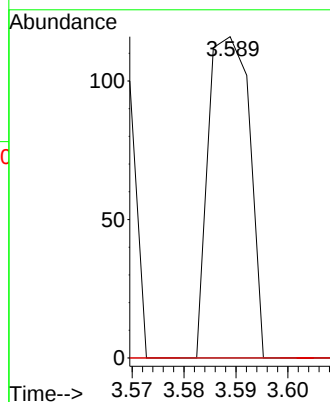
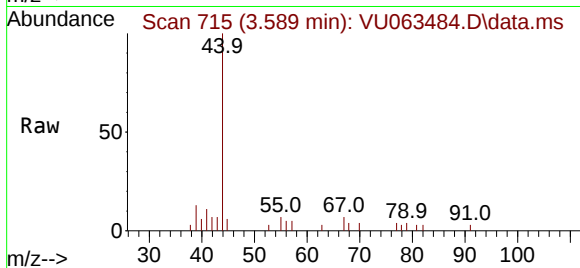
Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL01

Tgt Ion:	63	Resp:	64
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.6	10.9#
100	0.0	2.3	6.8#



#25

2-Butanone

Concen: 0.050 ug/l

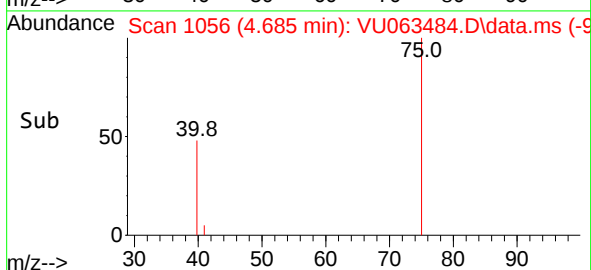
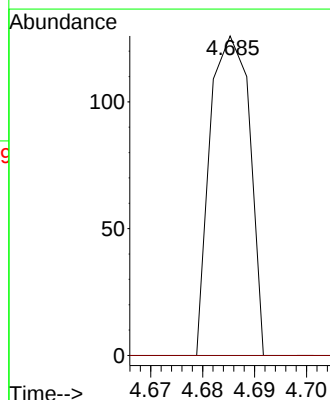
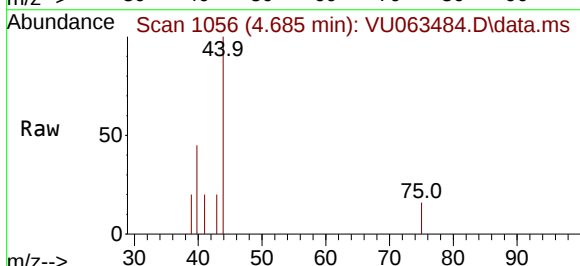
RT: 4.685 min Scan# 1056

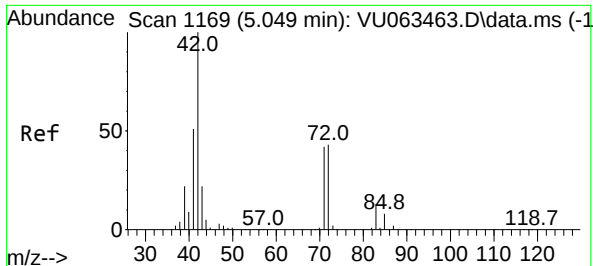
Delta R.T. -0.016 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

Tgt Ion:	43	Resp:	67
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.7	31.1#





#29

Tetrahydrofuran

Concen: 0.052 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.019 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

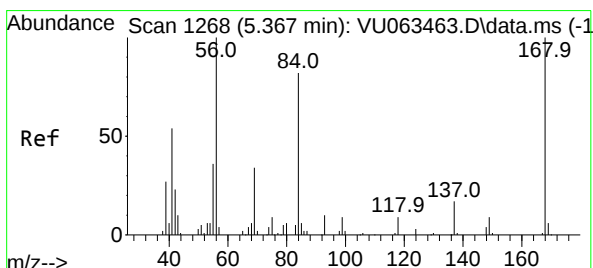
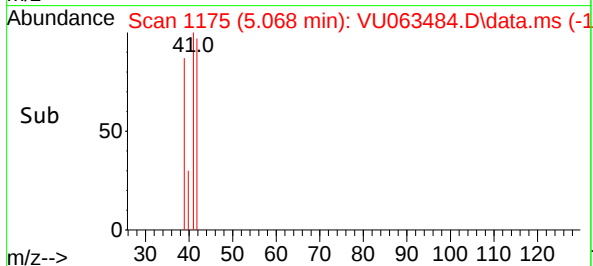
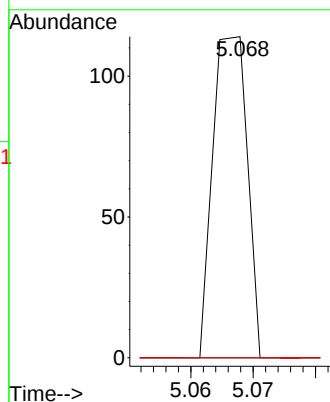
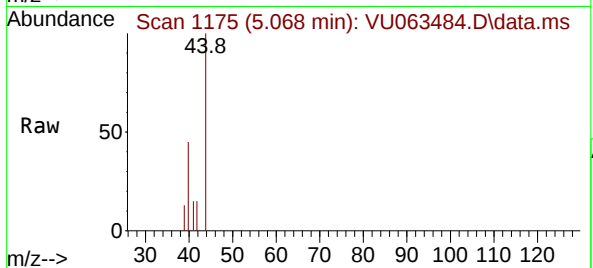
Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL01

Tgt Ion:	42	Resp:	44
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.2	54.4#
71	0.0	33.3	49.9#



#31

Cyclohexane

Concen: 1.484 ug/l

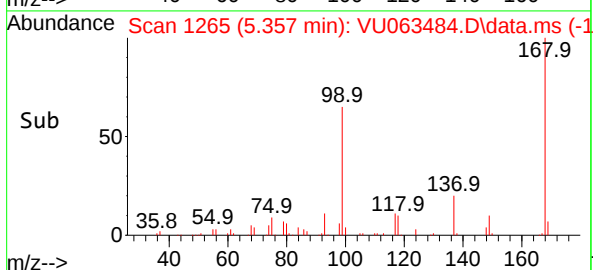
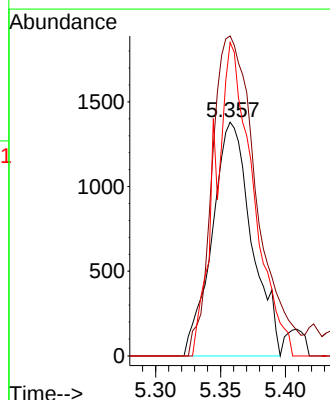
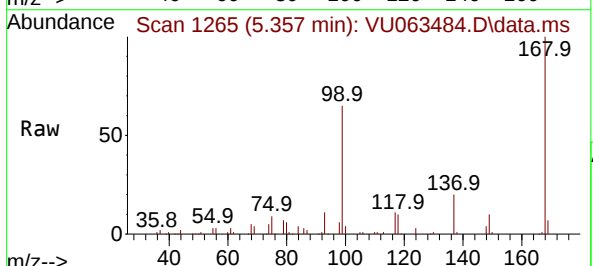
RT: 5.357 min Scan# 1265

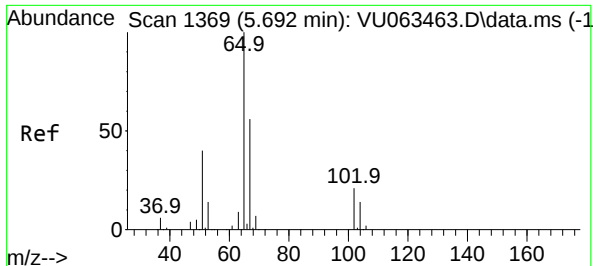
Delta R.T. -0.010 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

Tgt Ion:	56	Resp:	2916
Ion	Ratio	Lower	Upper
56	100		
69	136.9	27.0	40.4#
84	134.1	65.7	98.5#





#33

1,2-Dichloroethane-d4

Concen: 53.157 ug/l

RT: 5.692 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

Instrument :

MSVOA_U

ClientSampleId :

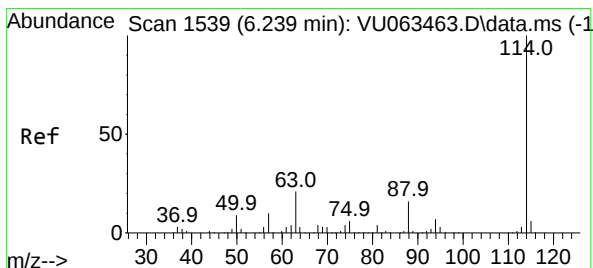
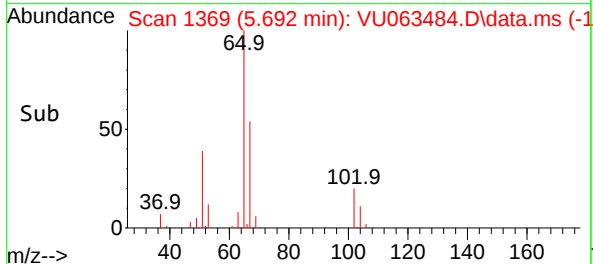
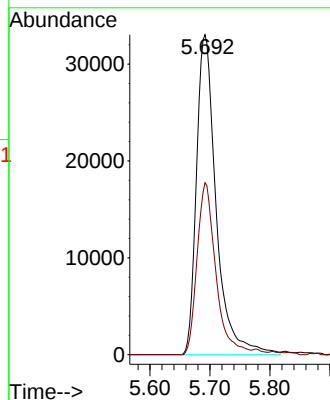
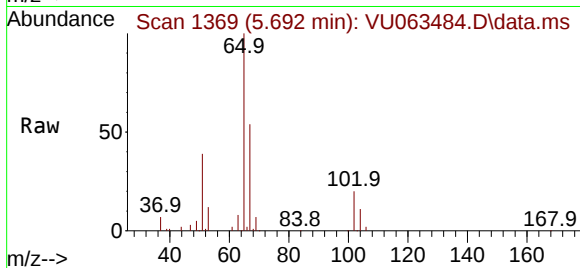
VU0711WBL01

Tgt Ion: 65 Resp: 75524

Ion Ratio Lower Upper

65 100

67 51.3 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: VU063484.D

Acq: 11 Jul 2025 09:39

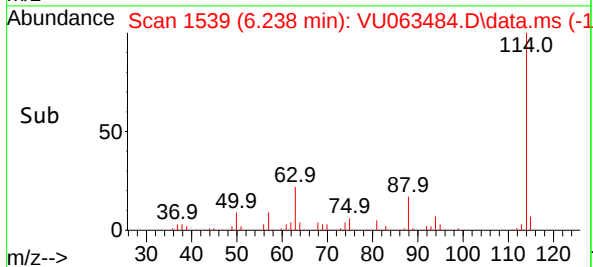
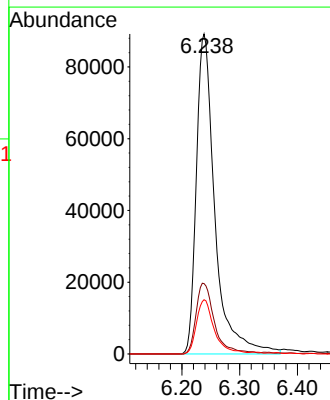
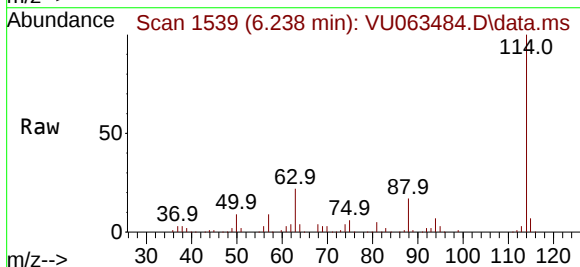
Tgt Ion: 114 Resp: 199121

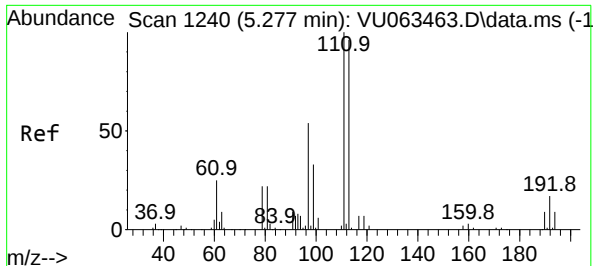
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.6

88 16.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.518 ug/l

RT: 5.277 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL01

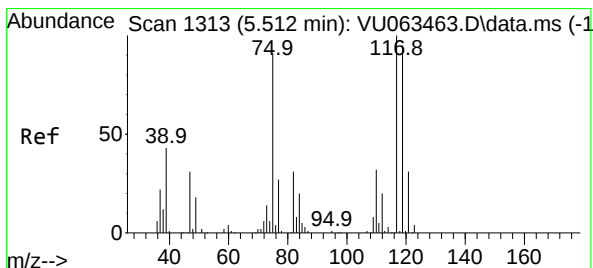
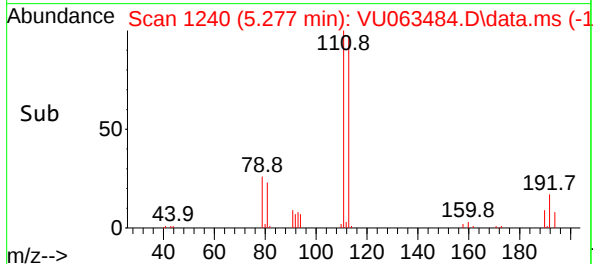
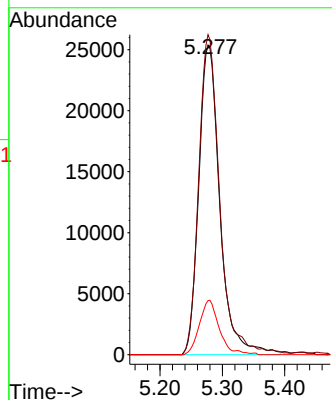
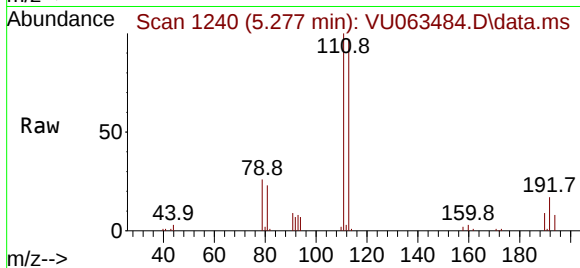
Tgt Ion:113 Resp: 59435

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 16.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.981 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.155 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

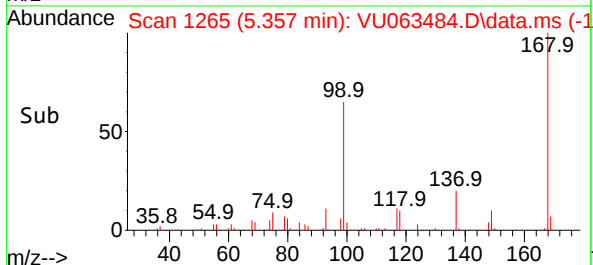
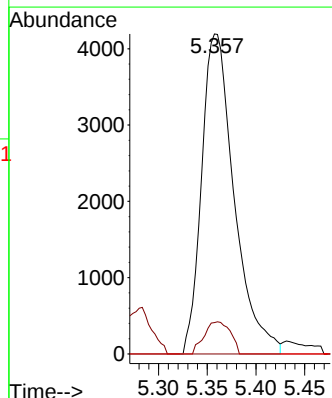
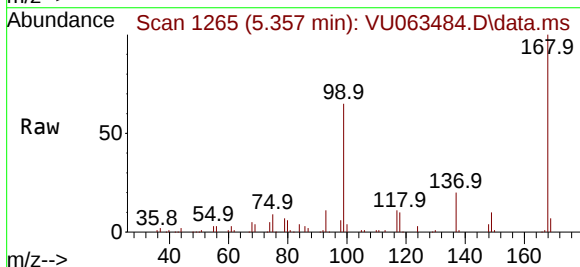
Tgt Ion: 75 Resp: 9754

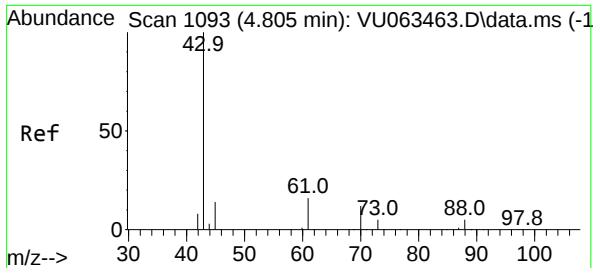
Ion Ratio Lower Upper

75 100

110 8.1 17.3 52.0#

77 0.0 23.9 35.9#





#37

Ethyl Acetate

Concen: 0.079 ug/l

RT: 4.811 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL01

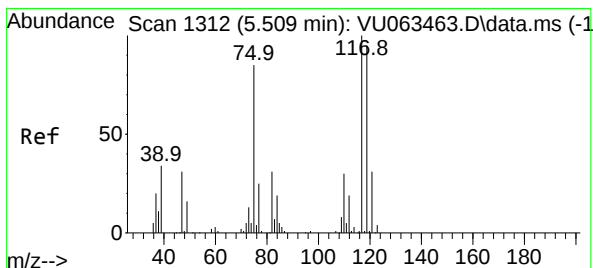
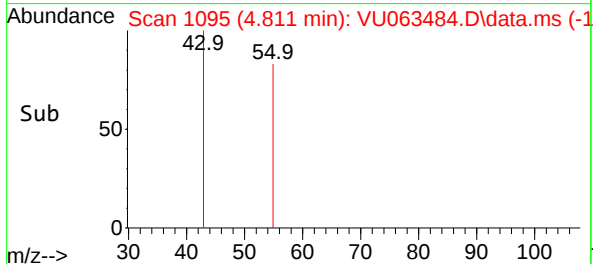
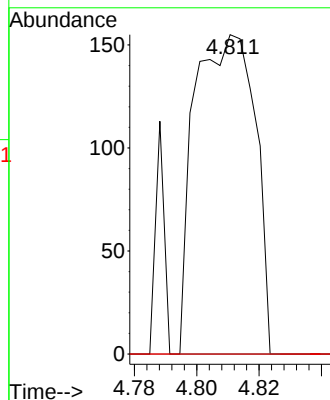
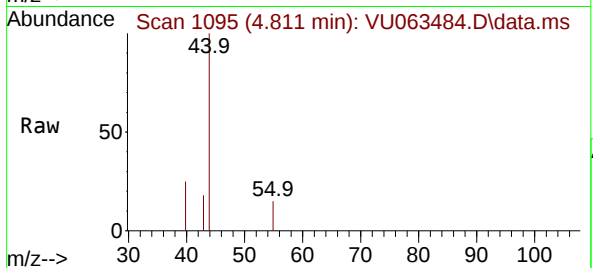
Tgt Ion: 43 Resp: 208

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 6.691 ug/l

RT: 5.354 min Scan# 1264

Delta R.T. -0.155 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

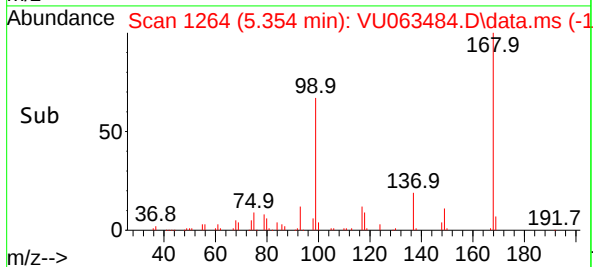
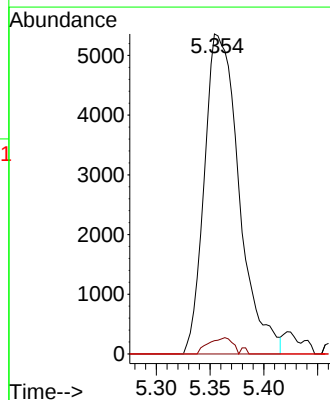
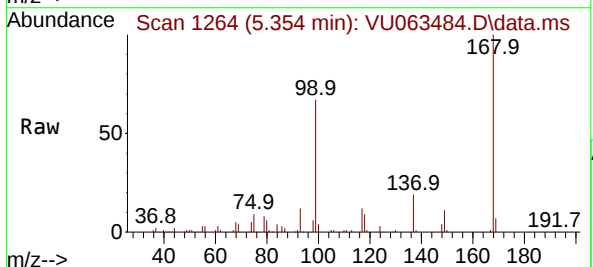
Tgt Ion: 117 Resp: 12023

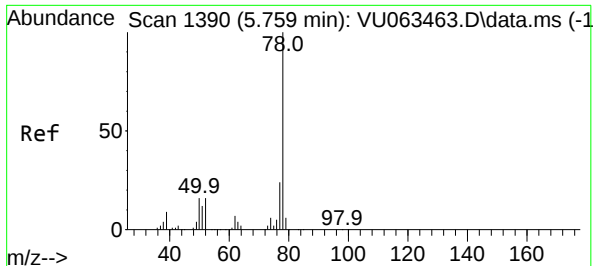
Ion Ratio Lower Upper

117 100

119 4.1 76.1 114.1#

121 0.0 25.0 37.4#

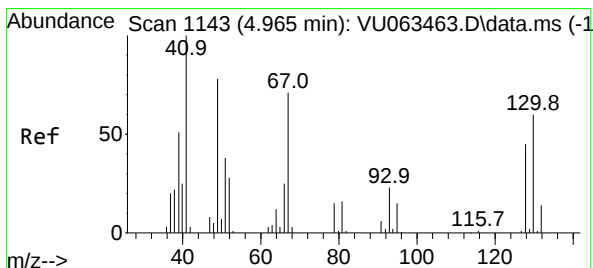
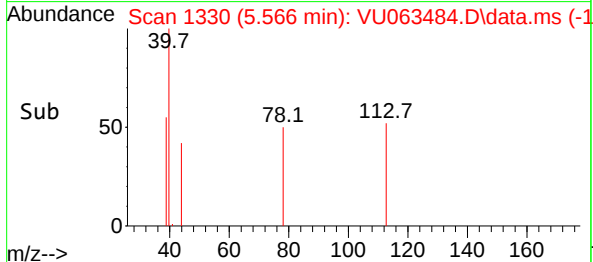
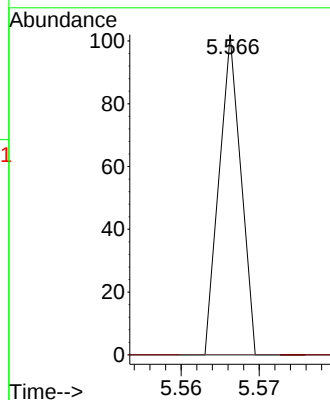
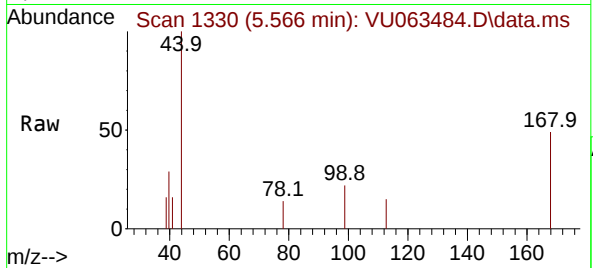




#40
Benzene
Concen: 0.004 ug/l
RT: 5.566 min Scan# 111
Delta R.T. -0.193 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

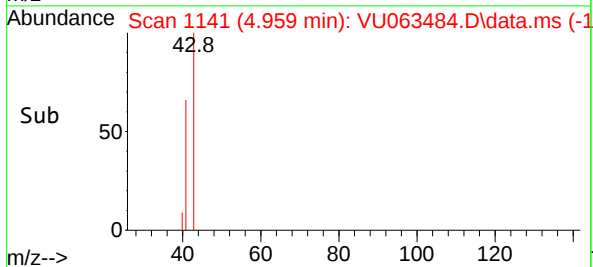
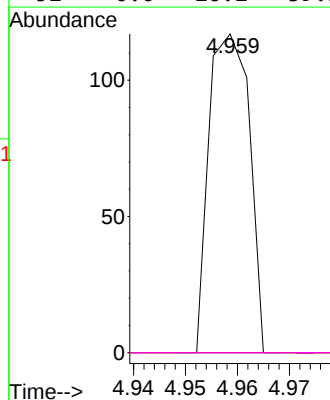
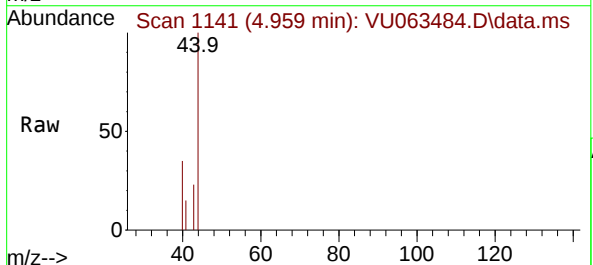
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

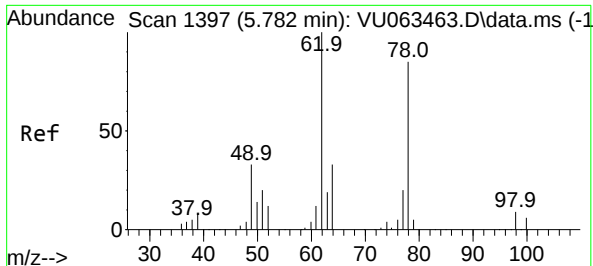
Tgt Ion: 78 Resp: 20
Ion Ratio Lower Upper
78 100
77 0.0 19.0 28.4#



#41
Methacrylonitrile
Concen: 0.051 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. -0.007 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 41 Resp: 63
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: 0.020 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.013 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

Instrument :

MSVOA_U

ClientSampleId :

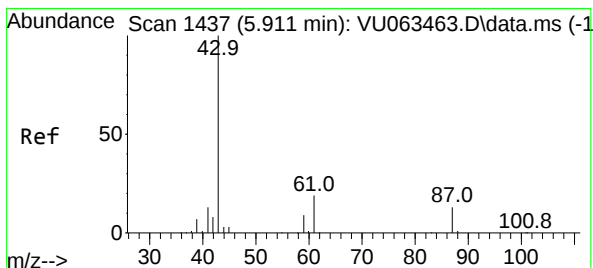
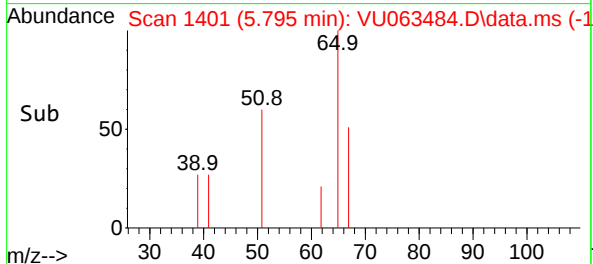
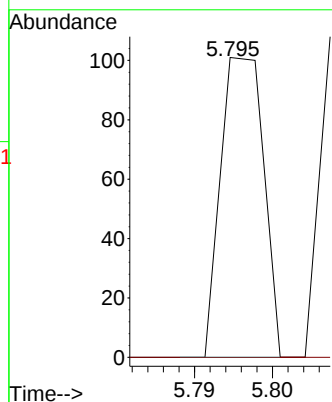
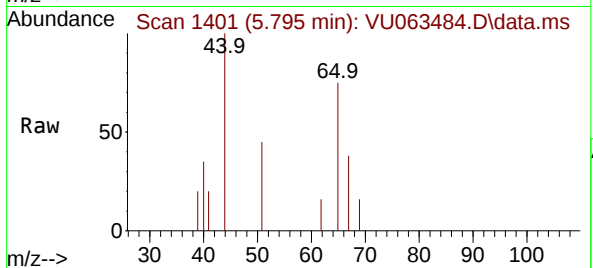
VU0711WBL01

Tgt Ion: 62 Resp: 39

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 0.013 ug/l

RT: 5.942 min Scan# 1447

Delta R.T. 0.032 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

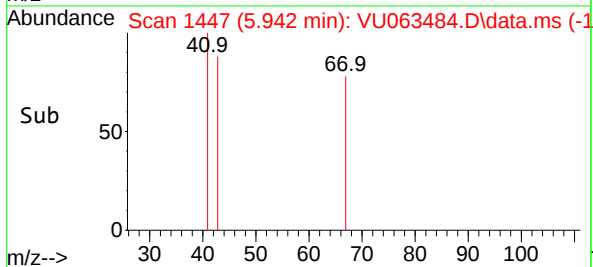
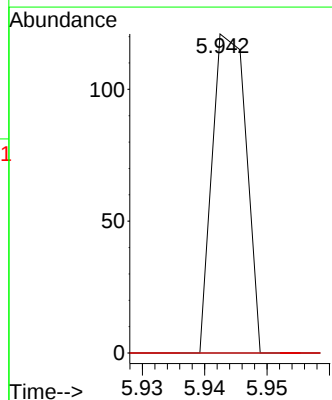
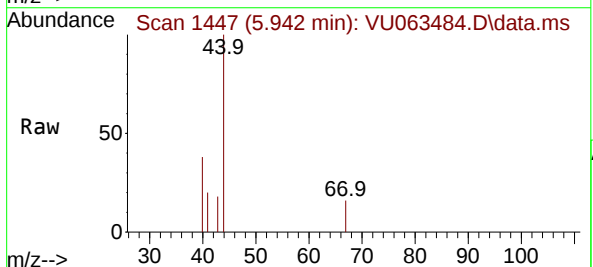
Tgt Ion: 43 Resp: 46

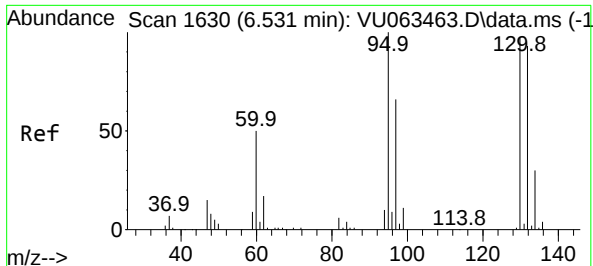
Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.2#

87 0.0 10.5 15.7#

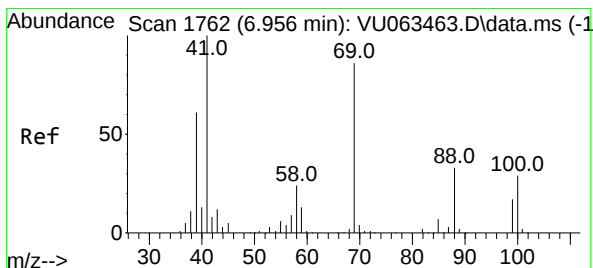
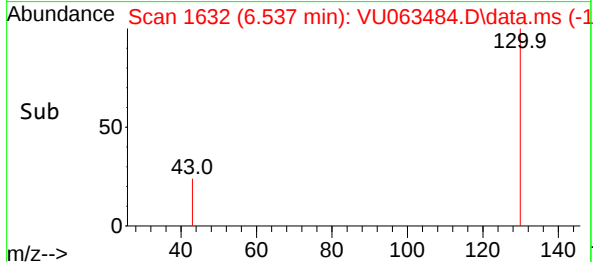
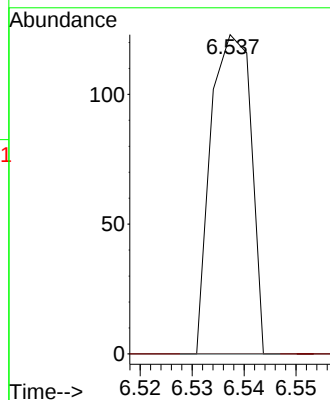
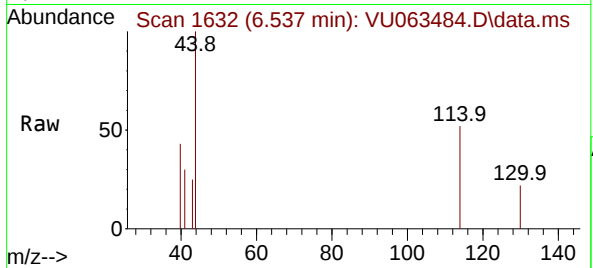




#44
Trichloroethene
Concen: 0.048 ug/l
RT: 6.537 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

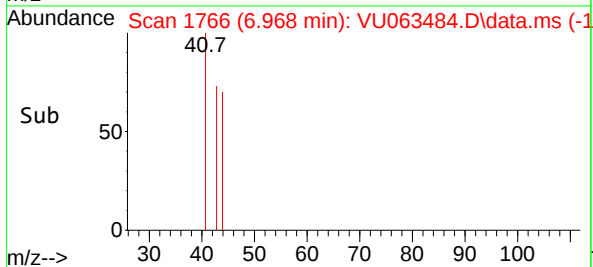
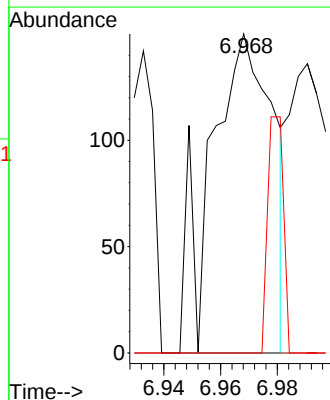
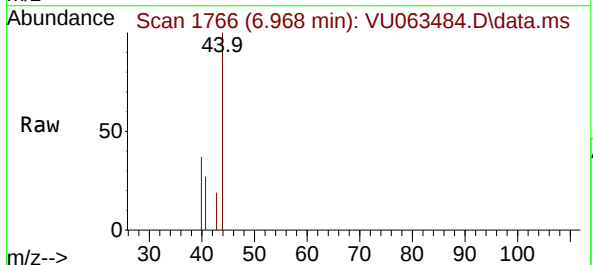
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

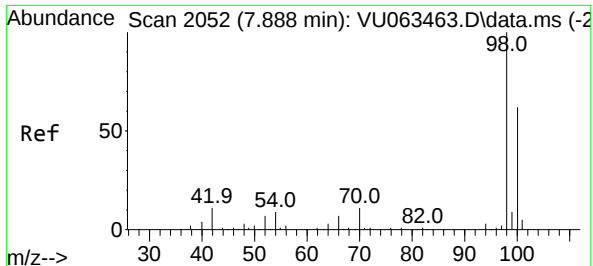
Tgt Ion:130 Resp: 66
Ion Ratio Lower Upper
130 100
95 0.0 0.0 206.4



#48
Methyl methacrylate
Concen: 0.141 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.013 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 41 Resp: 229
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.8#
39 18.8 48.3 72.5#

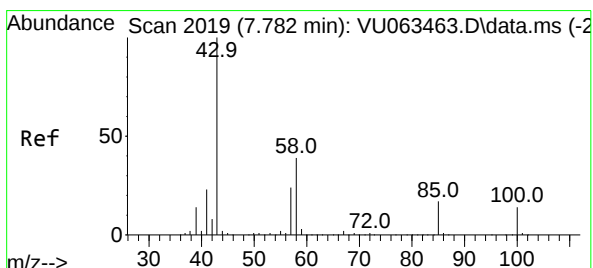
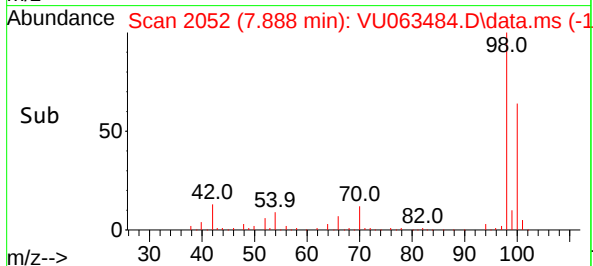
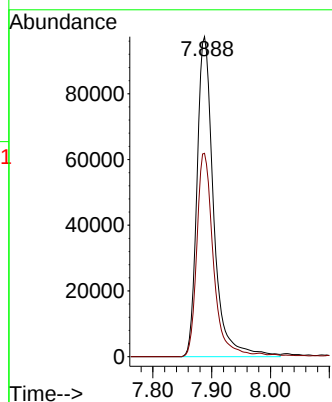
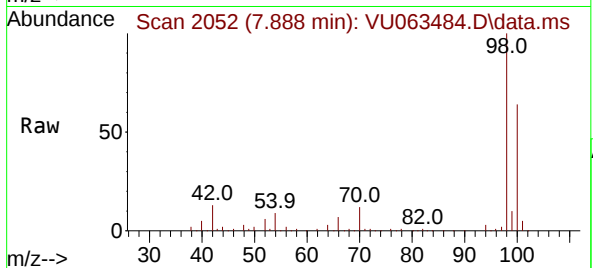




#50
Toluene-d8
Concen: 48.790 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

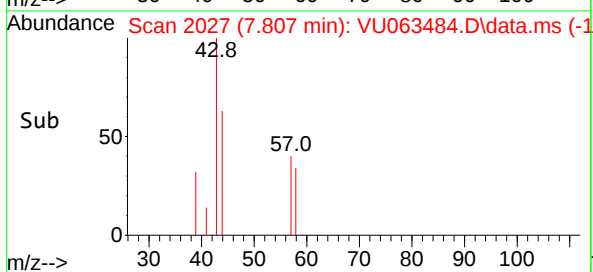
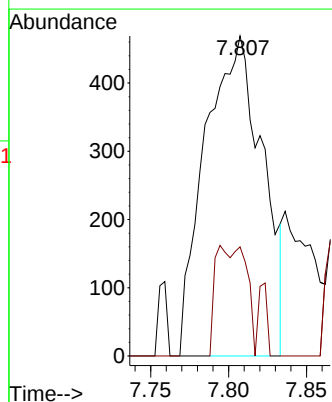
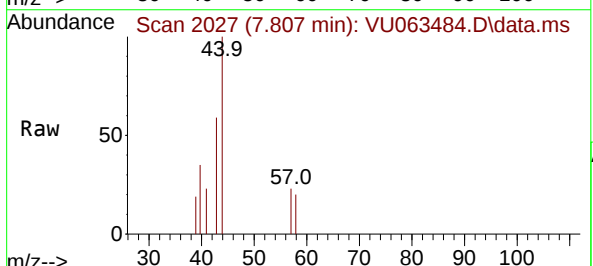
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

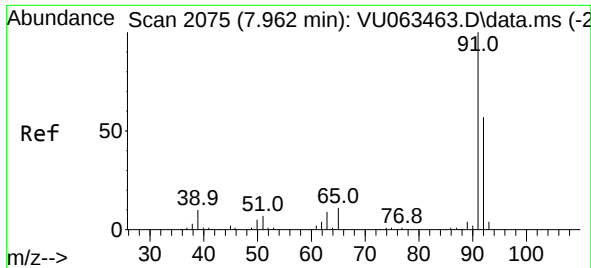
Tgt Ion: 98 Resp: 190892
Ion Ratio Lower Upper
98 100
100 63.0 48.1 72.1



#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 7.807 min Scan# 2027
Delta R.T. 0.025 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 9.7 31.0 46.4#

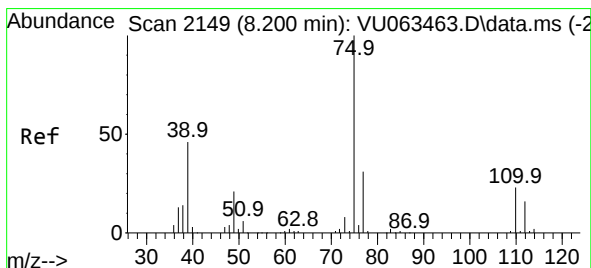
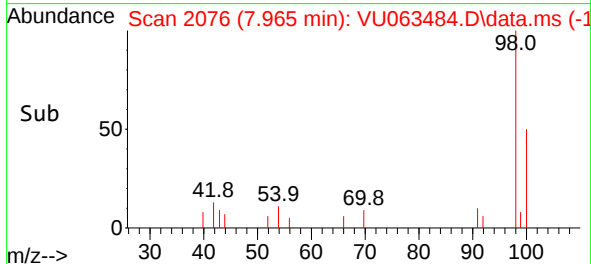
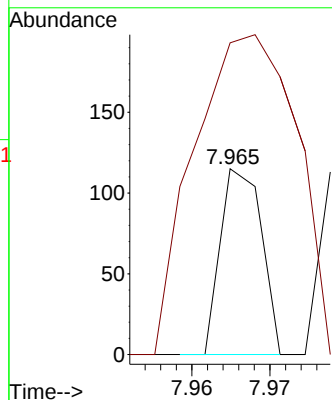
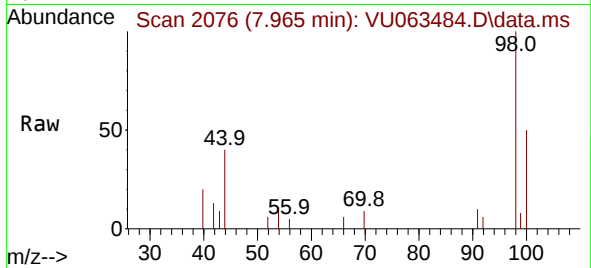




#52
Toluene
Concen: 0.013 ug/l
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

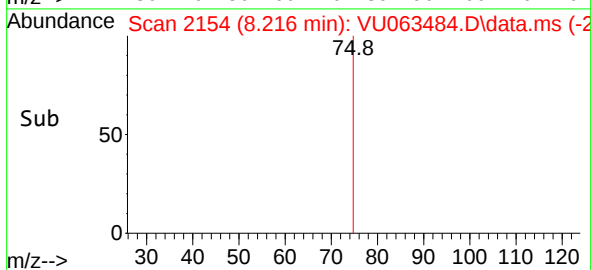
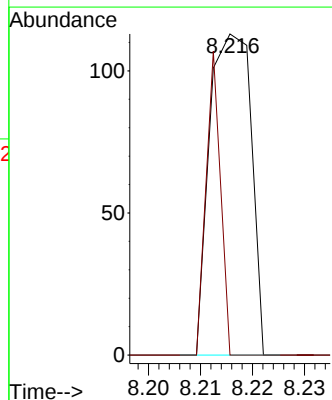
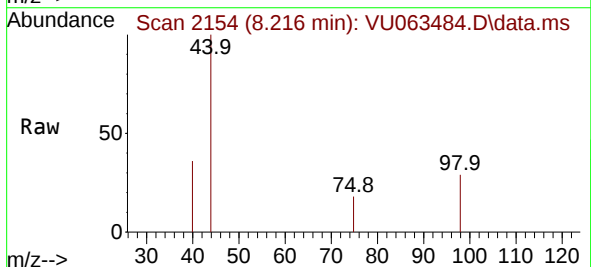
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

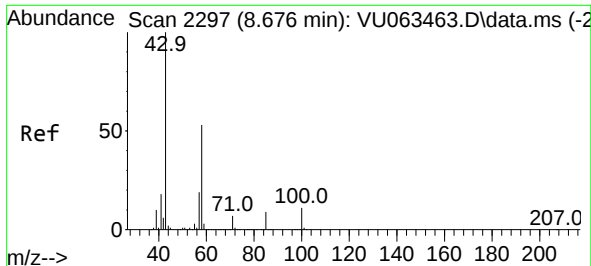
Tgt Ion: 92 Resp: 42
Ion Ratio Lower Upper
92 100
91 431.0 144.5 216.7#



#53
t-1,3-Dichloropropene
Concen: 0.034 ug/l
RT: 8.216 min Scan# 2154
Delta R.T. 0.016 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.6#

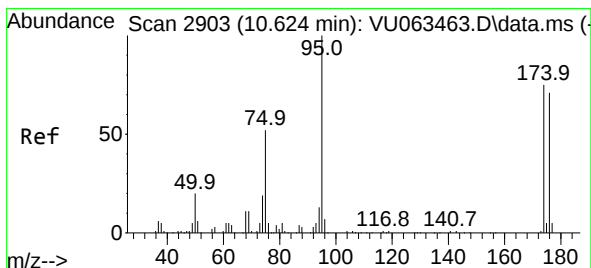
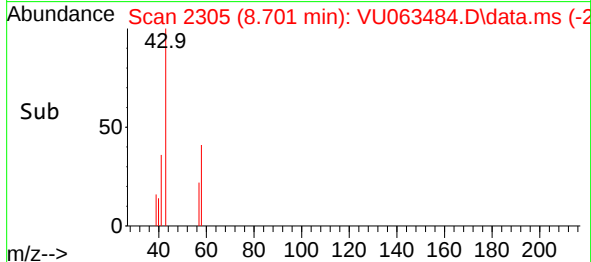
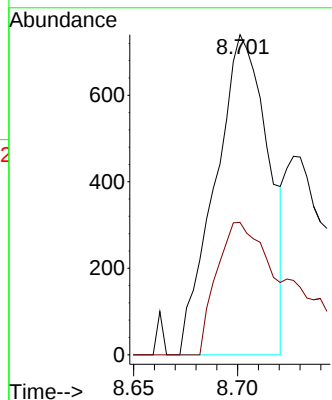
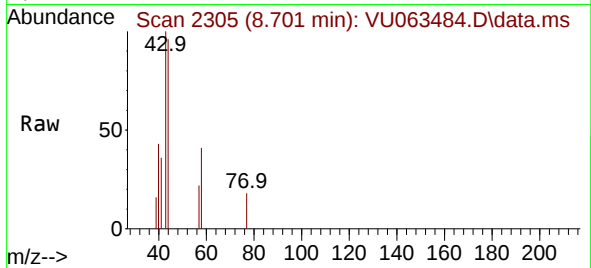




#59
2-Hexanone
Concen: 0.683 ug/l
RT: 8.701 min Scan# 21
Delta R.T. 0.025 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

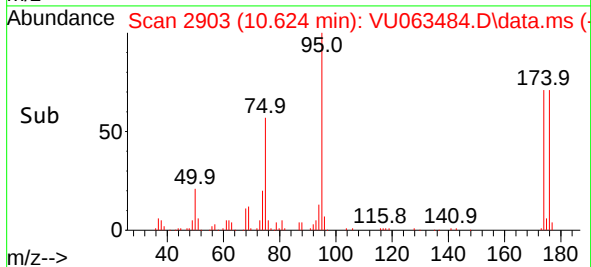
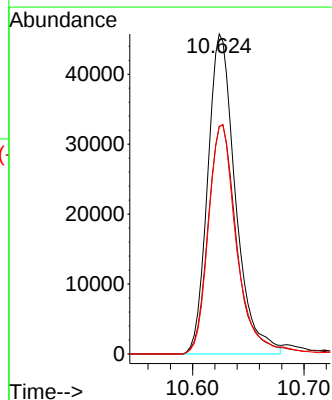
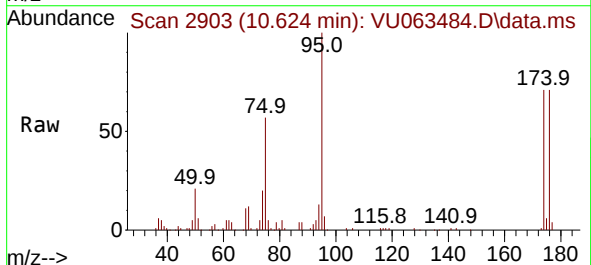
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

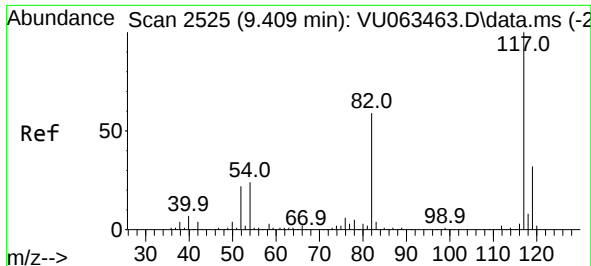
Tgt Ion: 43 Resp: 1312
Ion Ratio Lower Upper
43 100
58 54.9 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 46.239 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 95 Resp: 79131
Ion Ratio Lower Upper
95 100
174 74.3 0.0 153.6
176 73.3 0.0 145.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.409 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL01

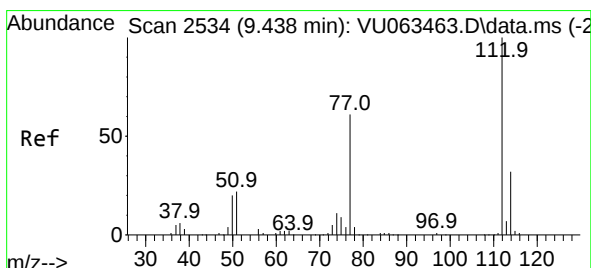
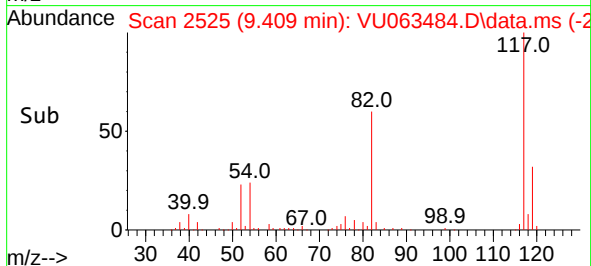
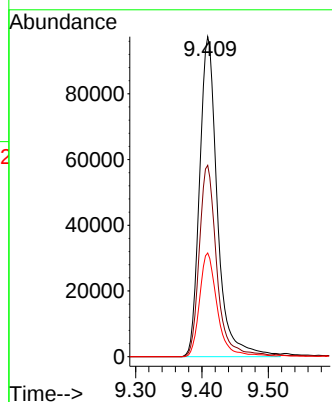
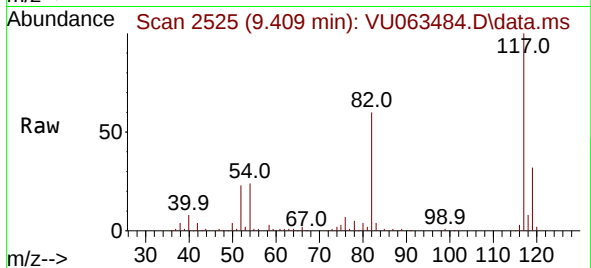
Tgt Ion:117 Resp: 182276

Ion Ratio Lower Upper

117 100

82 59.8 47.1 70.7

119 32.4 25.4 38.0



#65

Chlorobenzene

Concen: 0.064 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063484.D

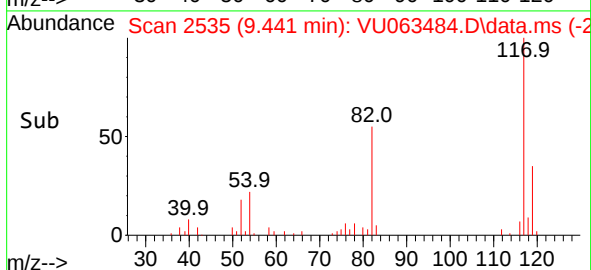
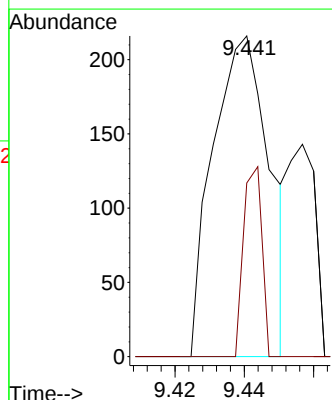
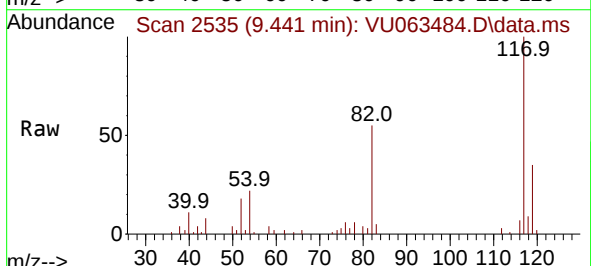
Acq: 11 Jul 2025 09:39

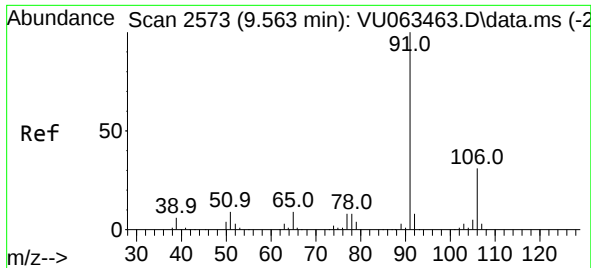
Tgt Ion:112 Resp: 244

Ion Ratio Lower Upper

112 100

114 54.2 25.5 38.3#

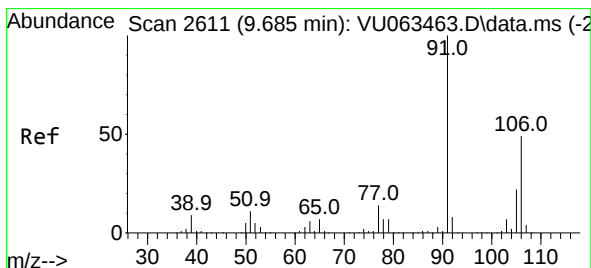
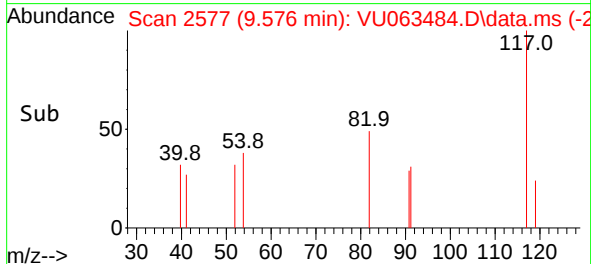
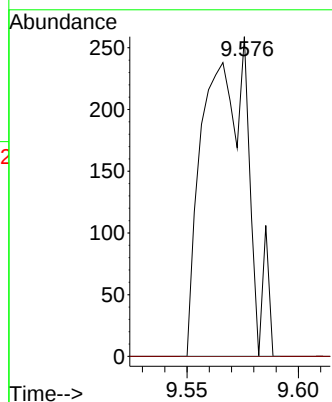
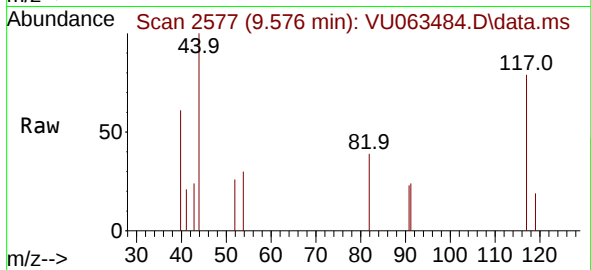




#67
Ethyl Benzene
Concen: 0.054 ug/l
RT: 9.576 min Scan# 211
Delta R.T. 0.013 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

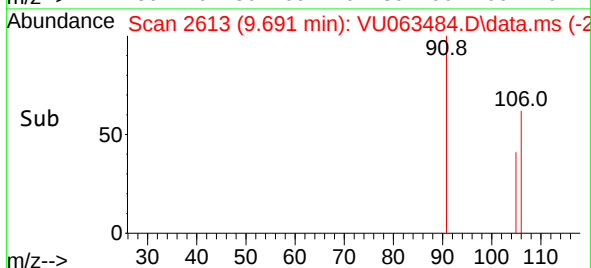
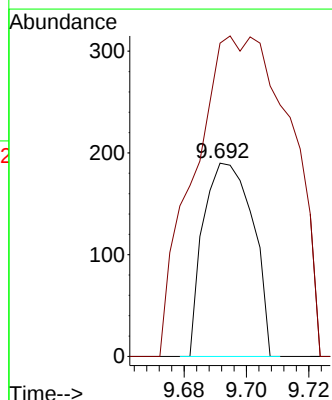
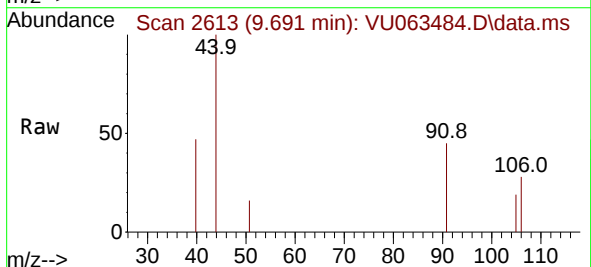
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

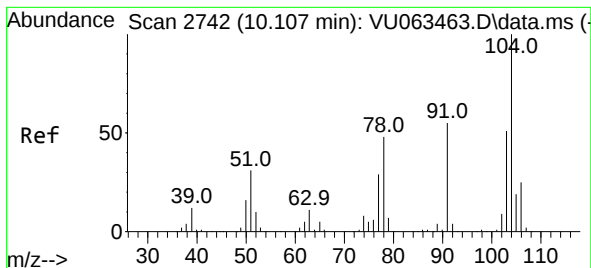
Tgt Ion: 91 Resp: 355
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#



#68
m/p-Xylenes
Concen: 0.084 ug/l
RT: 9.691 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 106 Resp: 209
Ion Ratio Lower Upper
106 100
91 323.0 163.6 245.4#





#70

Styrene

Concen: 0.011 ug/l

RT: 10.138 min Scan# 21

Delta R.T. 0.032 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL01

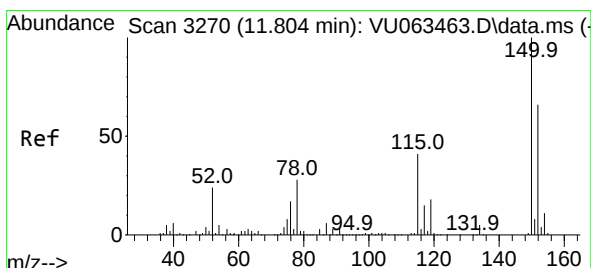
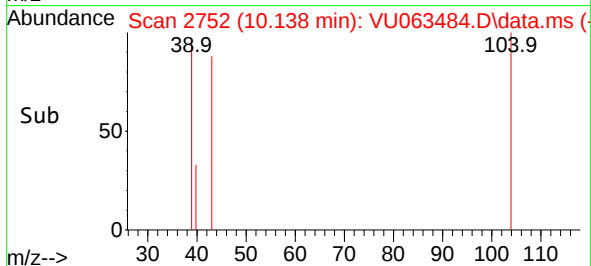
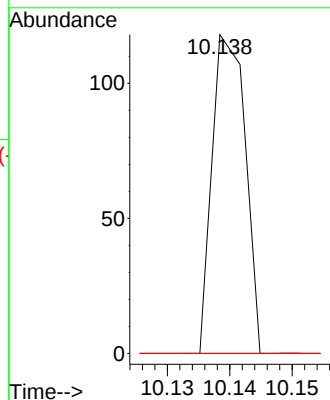
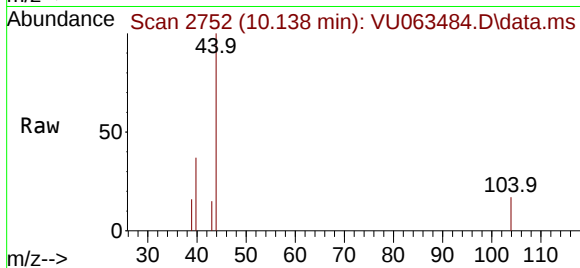
Tgt Ion:104 Resp: 43

Ion Ratio Lower Upper

104 100

78 0.0 41.4 62.0#

103 0.0 44.3 66.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.804 min Scan# 3270

Delta R.T. -0.000 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

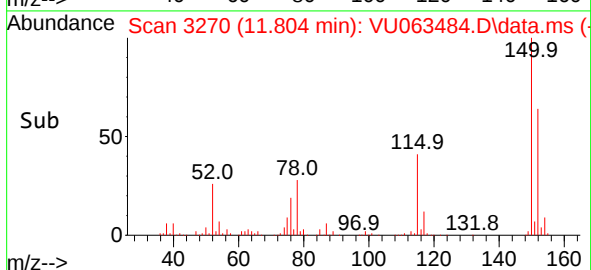
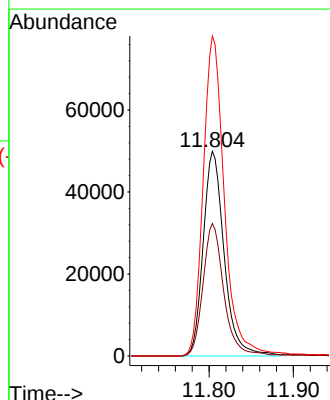
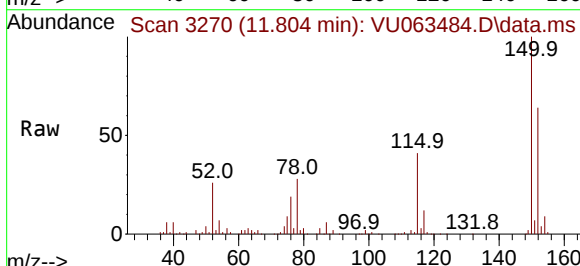
Tgt Ion:152 Resp: 86625

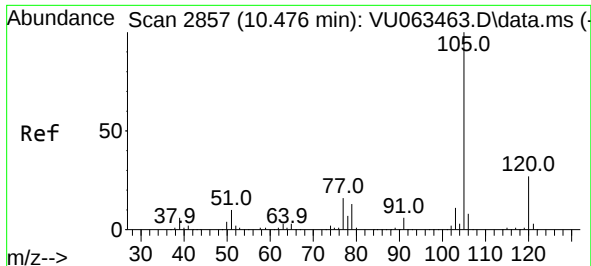
Ion Ratio Lower Upper

152 100

115 64.1 43.4 130.2

150 158.7 0.0 341.4

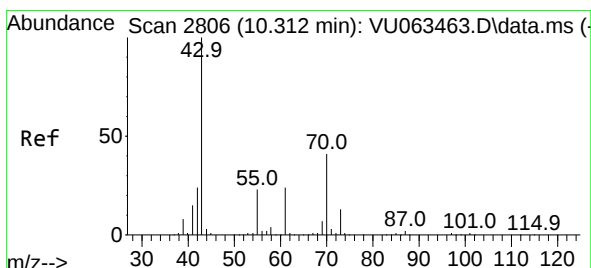
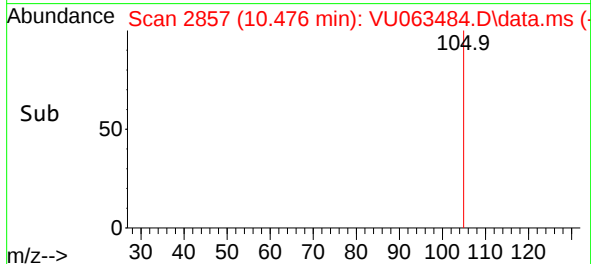
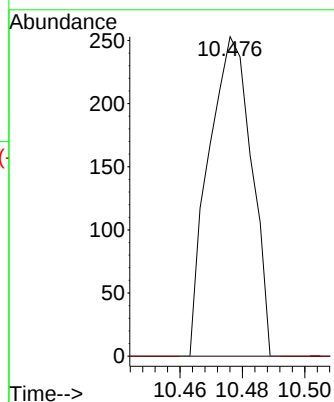
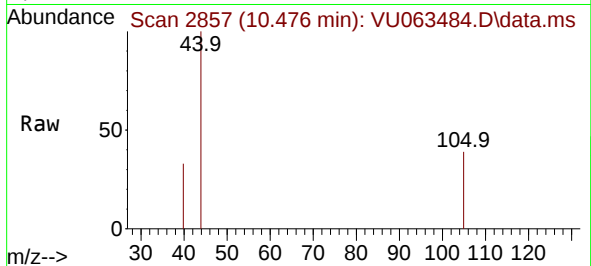




#73
Isopropylbenzene
Concen: 0.041 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

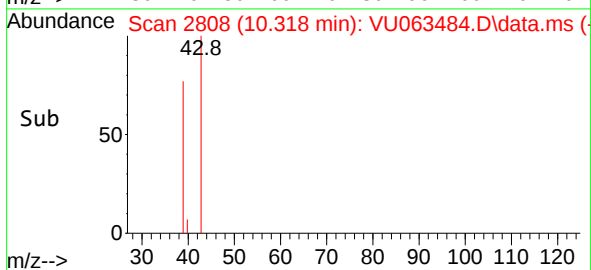
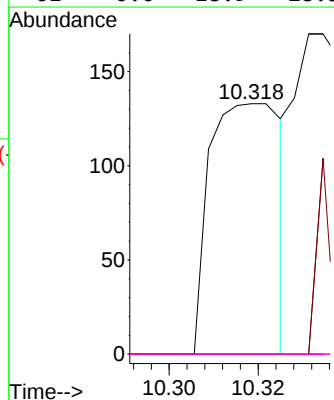
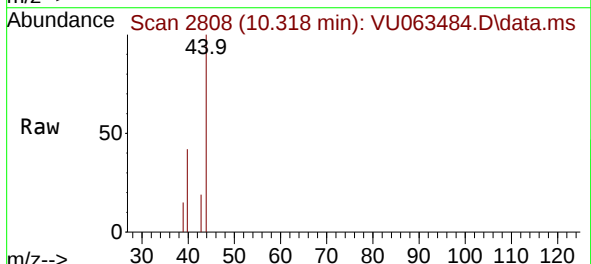
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

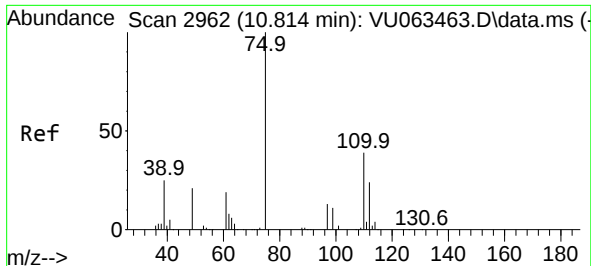
Tgt Ion:105 Resp: 241
Ion Ratio Lower Upper
105 100
120 0.0 13.1 39.1#



#74
N-ethyl acetate
Concen: 0.055 ug/l
RT: 10.318 min Scan# 2808
Delta R.T. 0.006 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 43 Resp: 146
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#

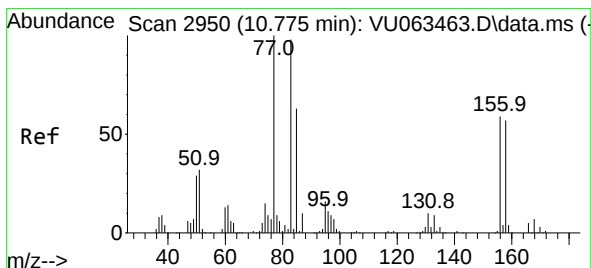
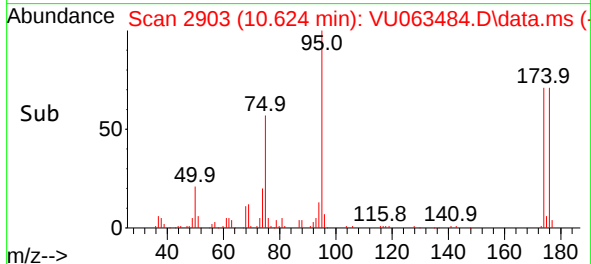
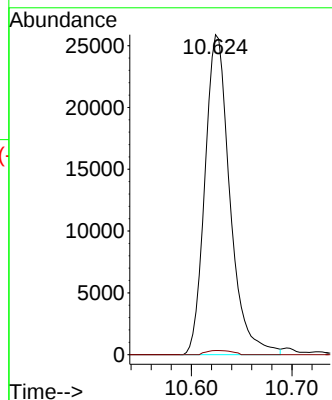
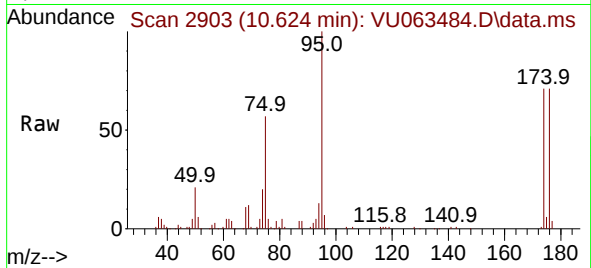




#76
1,2,3-Trichloropropane
Concen: 19.492 ug/l
RT: 10.624 min Scan# 2962
Delta R.T. -0.190 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

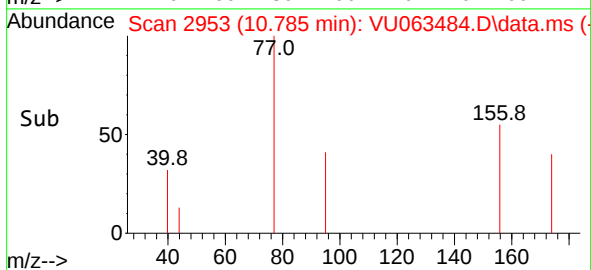
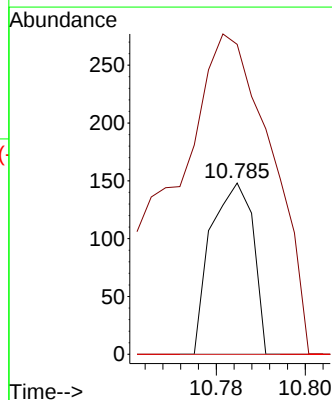
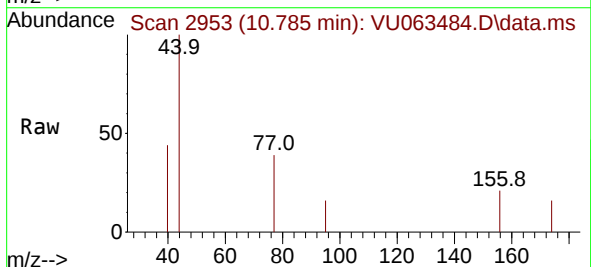
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

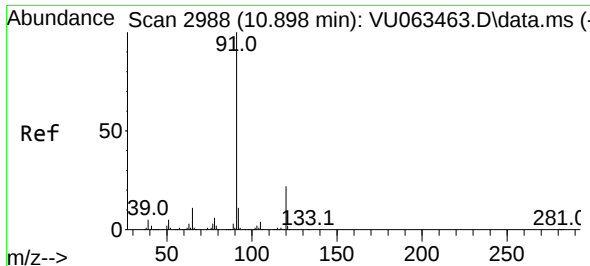
Tgt Ion: 75 Resp: 44743
Ion Ratio Lower Upper
75 100
77 1.3 3.1 9.4#



#77
Bromobenzene
Concen: 0.068 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.009 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion:156 Resp: 98
Ion Ratio Lower Upper
156 100
77 428.6 78.2 234.6#
158 0.0 46.8 140.4#

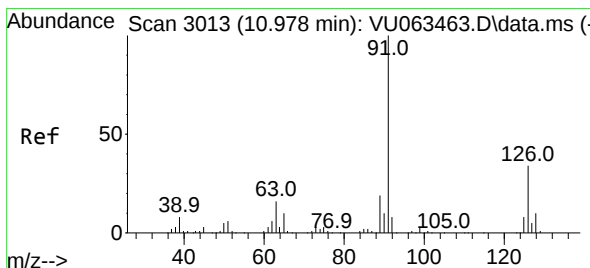
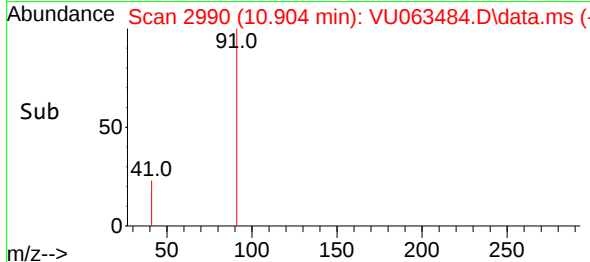
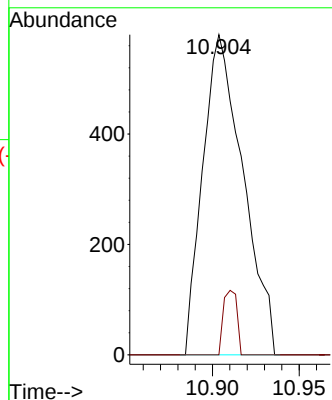
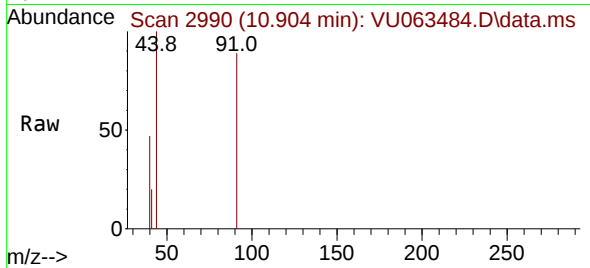




#78
n-propylbenzene
Concen: 0.137 ug/l
RT: 10.904 min Scan# 2988
Delta R.T. 0.006 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

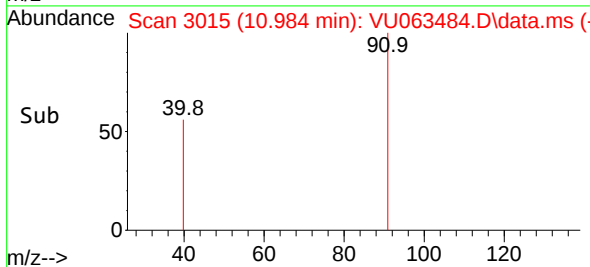
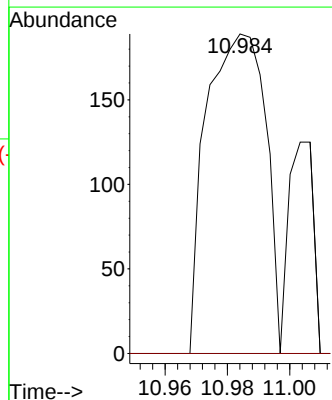
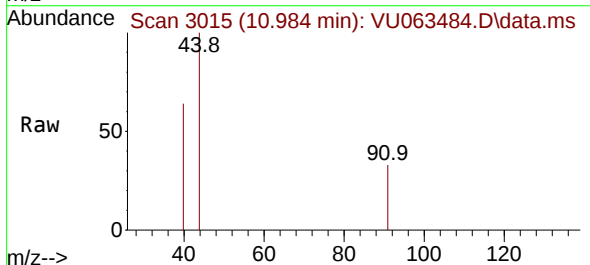
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

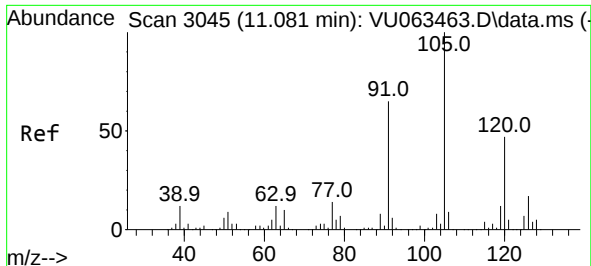
Tgt Ion: 91 Resp: 937
Ion Ratio Lower Upper
91 100
120 6.8 11.5 34.4#



#79
2-Chlorotoluene
Concen: 0.058 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.006 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 91 Resp: 249
Ion Ratio Lower Upper
91 100
126 0.0 15.9 47.7#

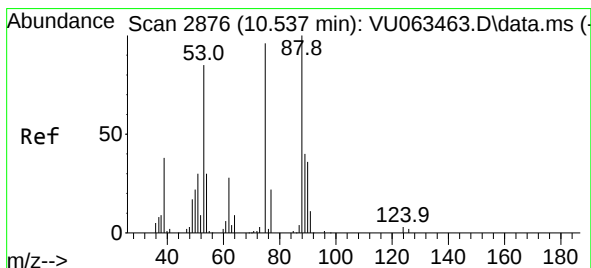
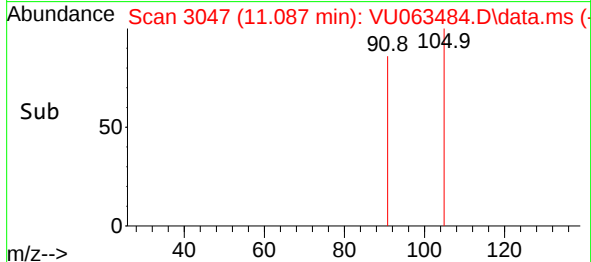
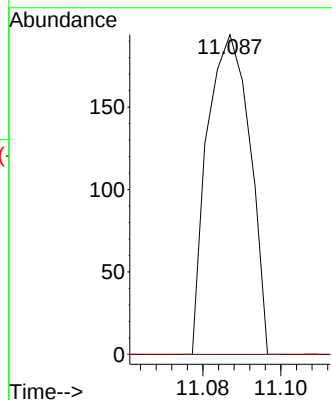
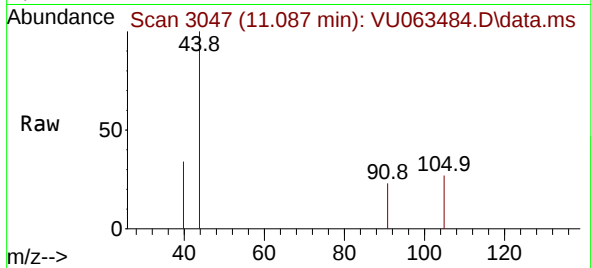




#80
1,3,5-Trimethylbenzene
Concen: 0.029 ug/l
RT: 11.087 min Scan# 3045
Delta R.T. 0.006 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

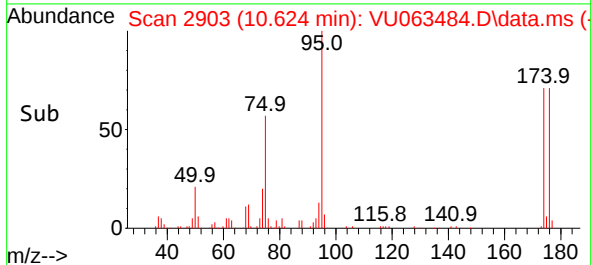
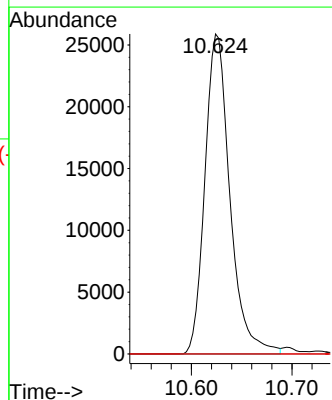
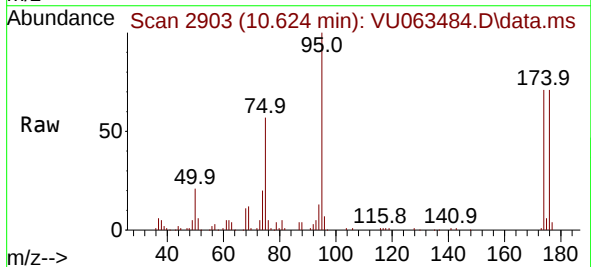
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

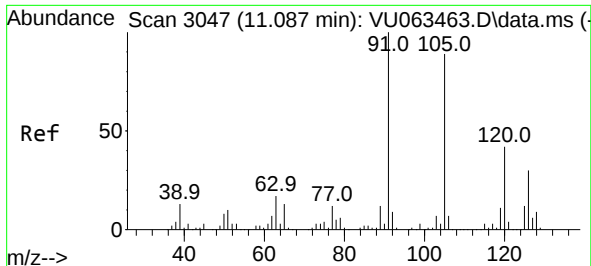
Tgt Ion:105 Resp: 147
Ion Ratio Lower Upper
105 100
120 0.0 23.4 70.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.218 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.087 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 75 Resp: 44743
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#

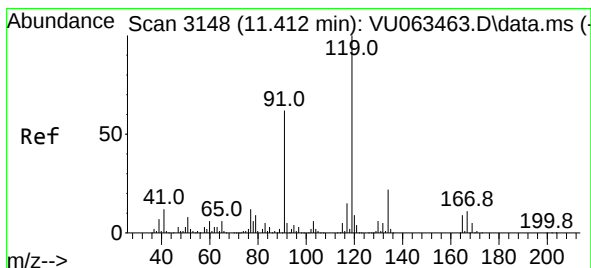
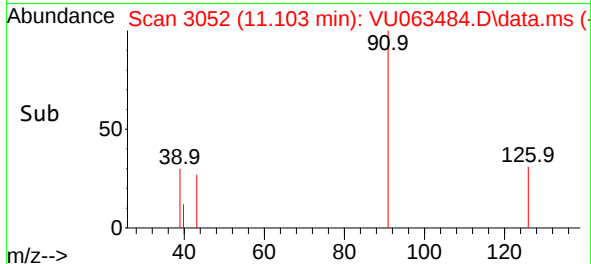
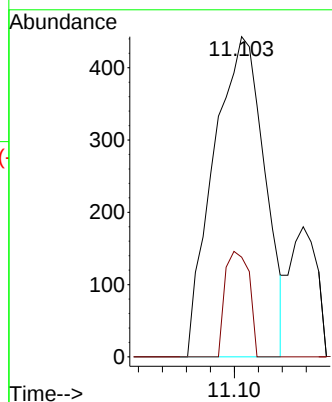
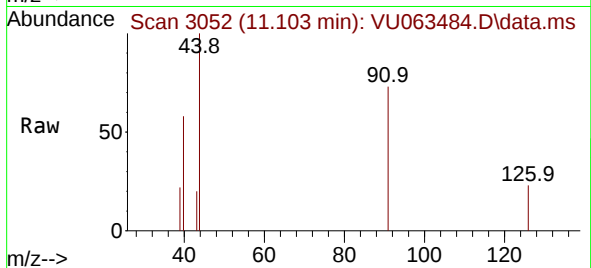




#82
4-Chlorotoluene
Concen: 0.134 ug/l
RT: 11.103 min Scan# 3047
Delta R.T. 0.016 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

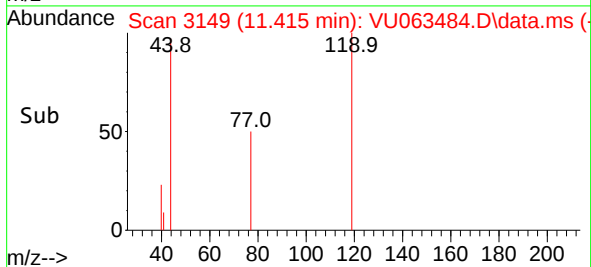
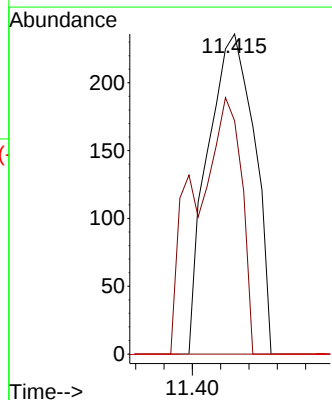
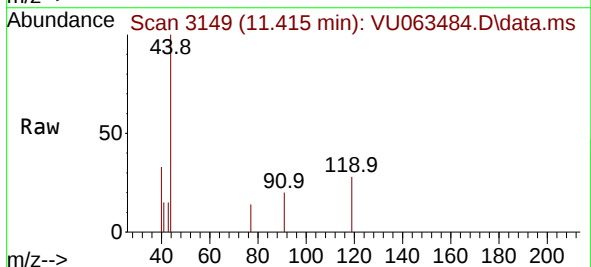
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

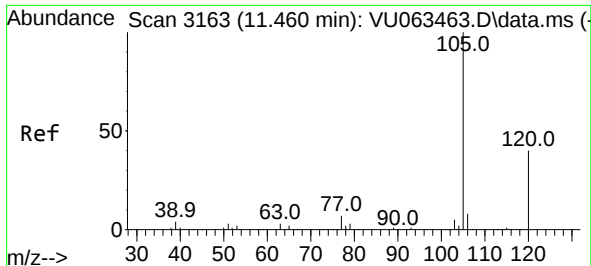
Tgt Ion: 91 Resp: 654
Ion Ratio Lower Upper
91 100
126 15.6 14.4 43.2



#83
tert-Butylbenzene
Concen: 0.055 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 119 Resp: 270
Ion Ratio Lower Upper
119 100
91 54.1 30.3 91.0
134 0.0 11.2 33.6#

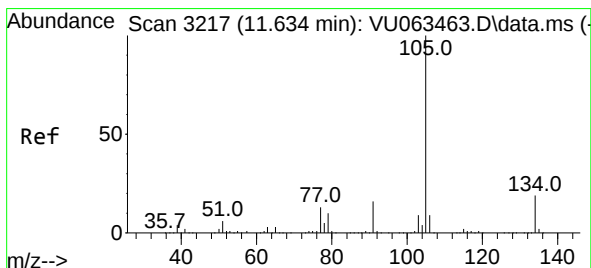
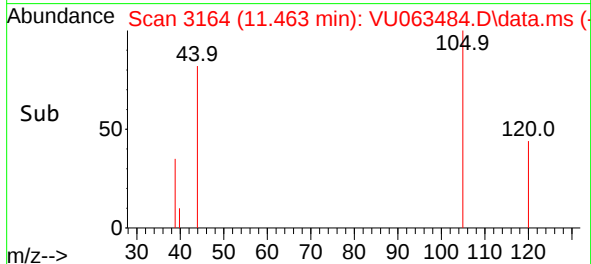
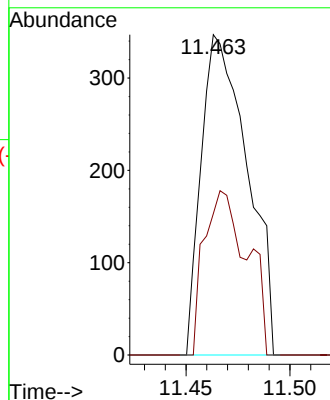
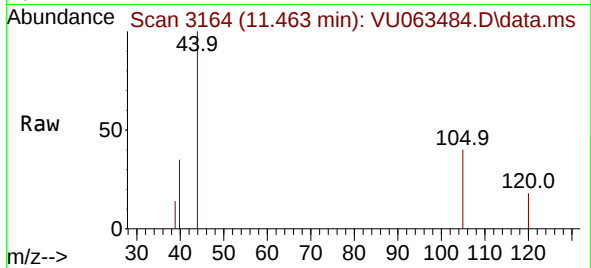




#84
1,2,4-Trimethylbenzene
Concen: 0.106 ug/l
RT: 11.463 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

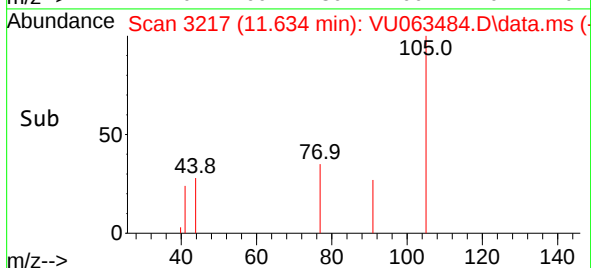
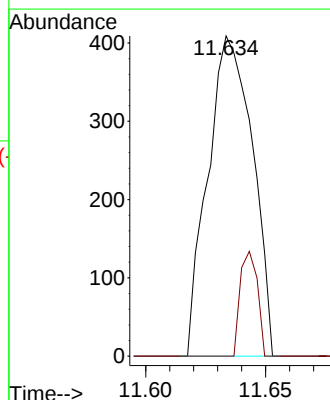
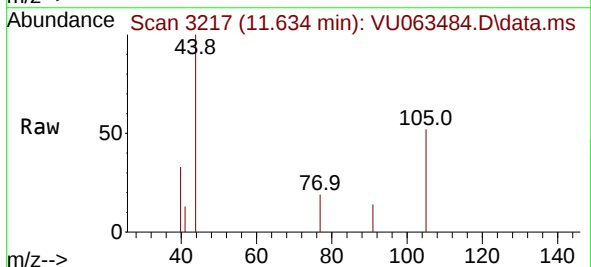
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

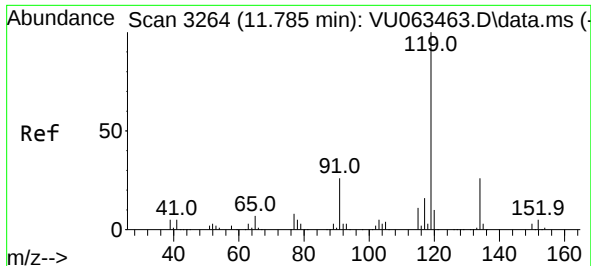
Tgt Ion:105 Resp: 536
Ion Ratio Lower Upper
105 100
120 47.8 22.1 66.3



#85
sec-Butylbenzene
Concen: 0.081 ug/l
RT: 11.634 min Scan# 3217
Delta R.T. -0.000 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion:105 Resp: 529
Ion Ratio Lower Upper
105 100
134 12.7 9.7 29.1

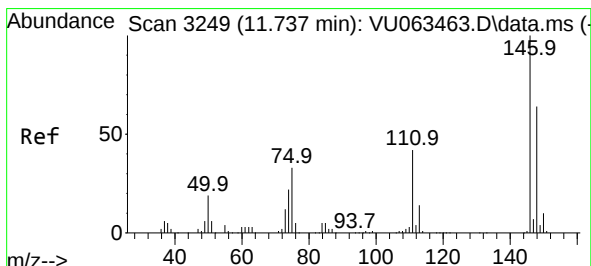
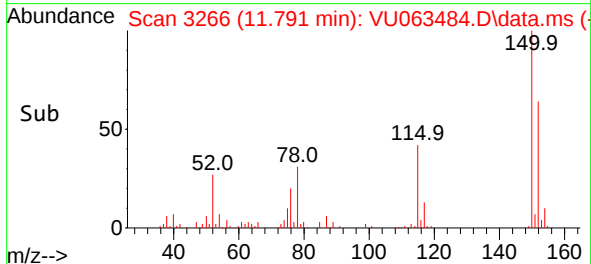
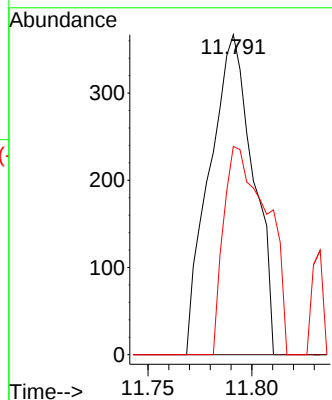
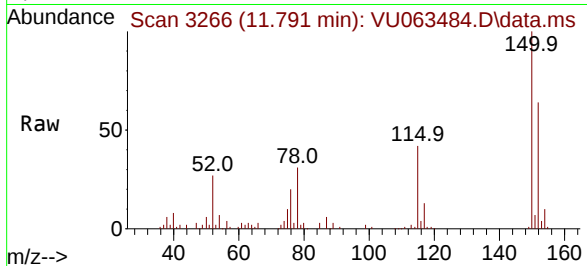




#86
p-Isopropyltoluene
Concen: 0.101 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

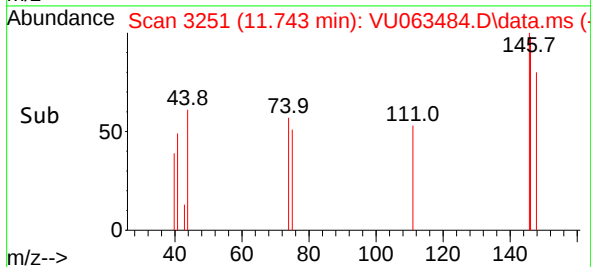
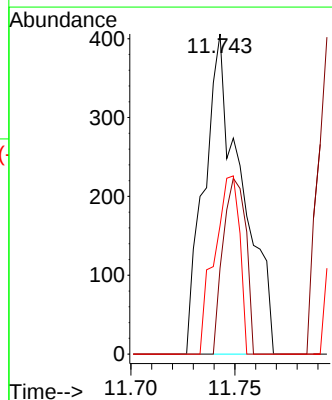
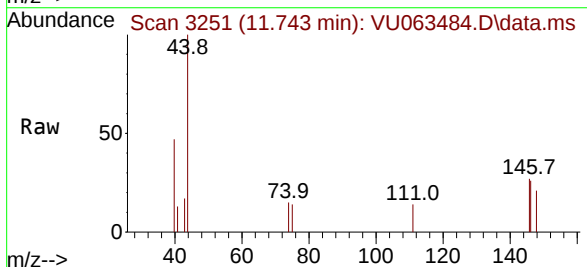
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

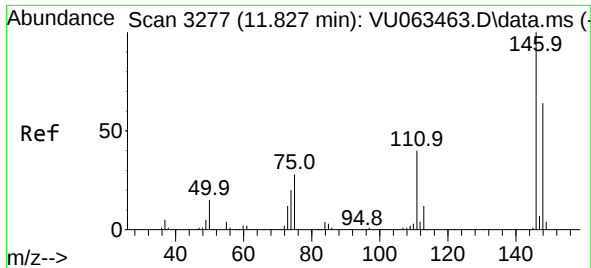
Tgt Ion:119 Resp: 537
Ion Ratio Lower Upper
119 100
134 0.0 13.0 38.9#
91 64.6 13.0 38.9#



#87
1,3-Dichlorobenzene
Concen: 0.181 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion:146 Resp: 505
Ion Ratio Lower Upper
146 100
111 33.7 20.9 62.7
148 37.6 31.9 95.9

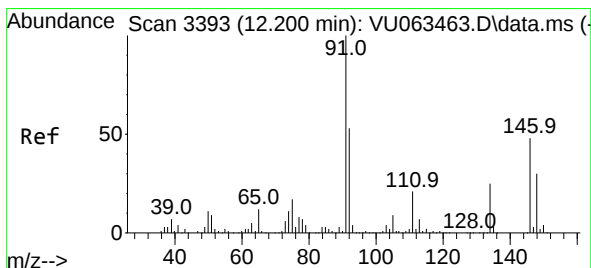
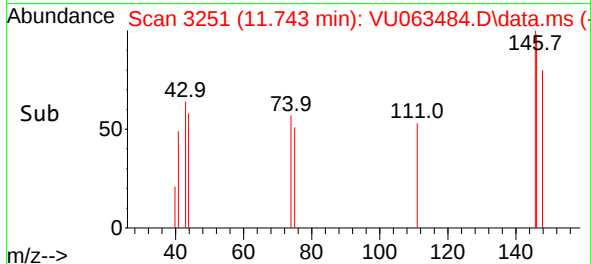
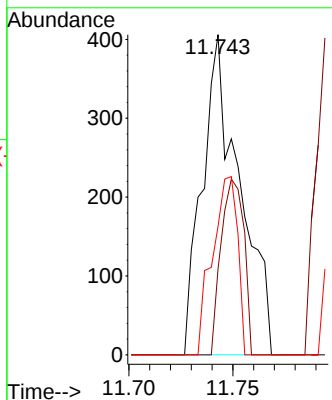
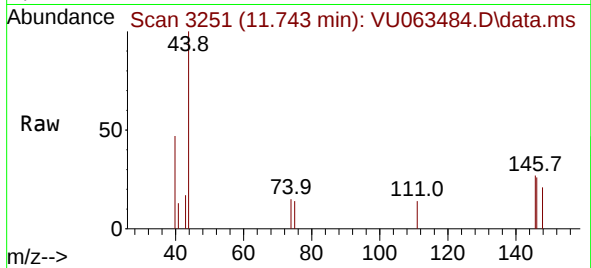




#88
1,4-Dichlorobenzene
Concen: 0.178 ug/l
RT: 11.743 min Scan# 31
Delta R.T. -0.084 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

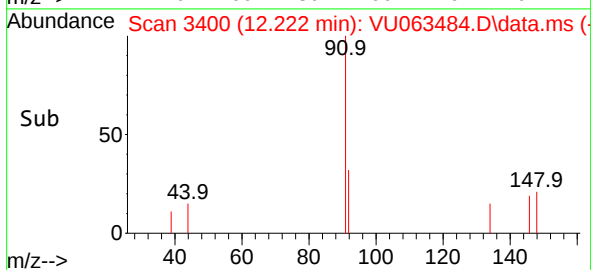
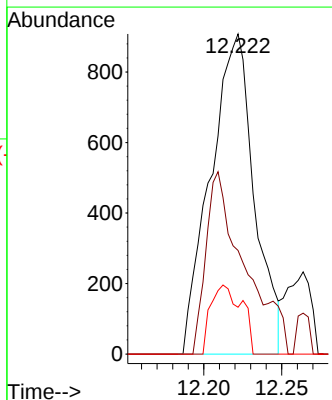
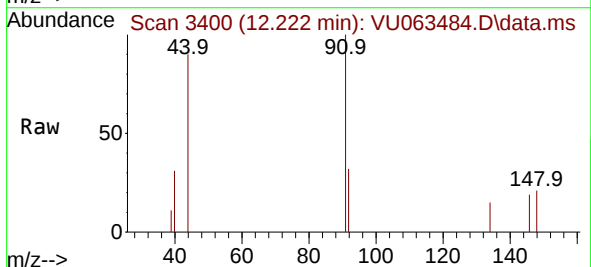
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

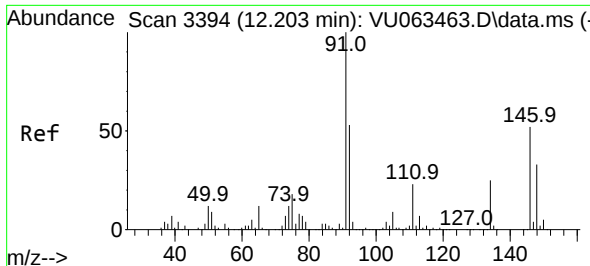
Tgt Ion:	146	Resp:	505
Ion	Ratio	Lower	Upper
146	100		
111	33.7	20.8	62.4
148	37.6	31.9	95.9



#89
n-Butylbenzene
Concen: 0.363 ug/l
RT: 12.222 min Scan# 3400
Delta R.T. 0.022 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion:	91	Resp:	1777
Ion	Ratio	Lower	Upper
91	100		
92	50.0	26.4	79.2
134	15.1	12.4	37.0

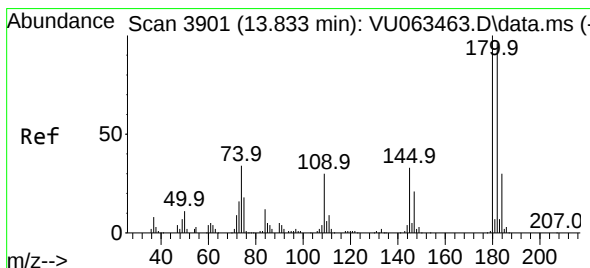
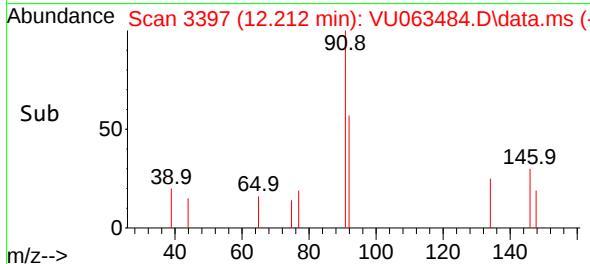
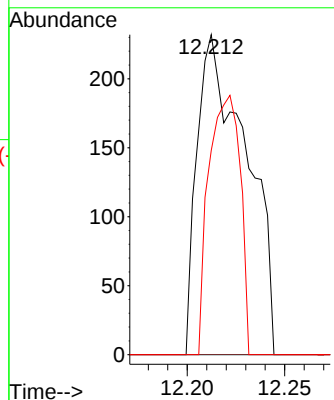
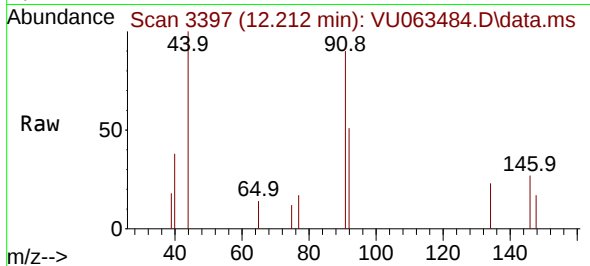




#91
 1,2-Dichlorobenzene
 Concen: 0.149 ug/l
 RT: 12.212 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: VU063484.D
 Acq: 11 Jul 2025 09:39

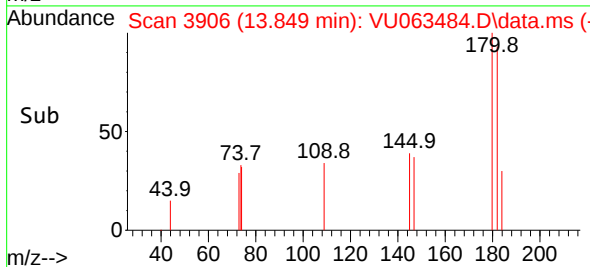
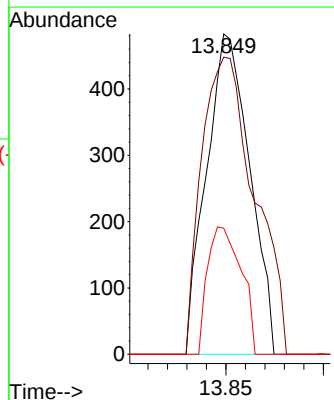
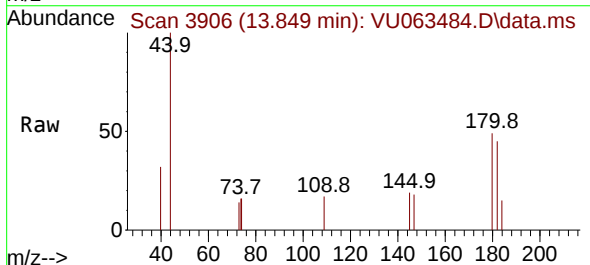
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBL01

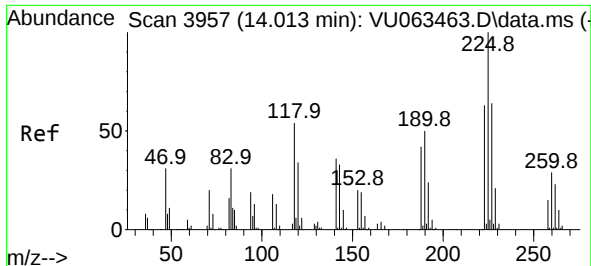
Tgt Ion:146 Resp: 405
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.9 65.5#
 148 51.6 31.6 95.0



#93
 1,2,4-Trichlorobenzene
 Concen: 0.428 ug/l
 RT: 13.849 min Scan# 3906
 Delta R.T. 0.016 min
 Lab File: VU063484.D
 Acq: 11 Jul 2025 09:39

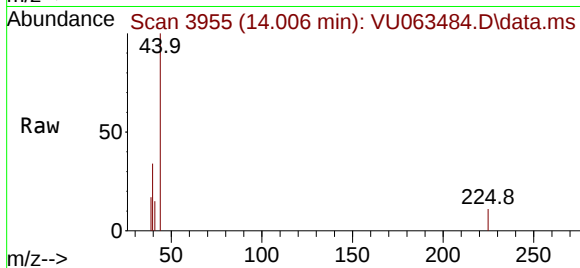
Tgt Ion:180 Resp: 744
 Ion Ratio Lower Upper
 180 100
 182 113.3 47.7 143.1
 145 30.9 16.6 49.7



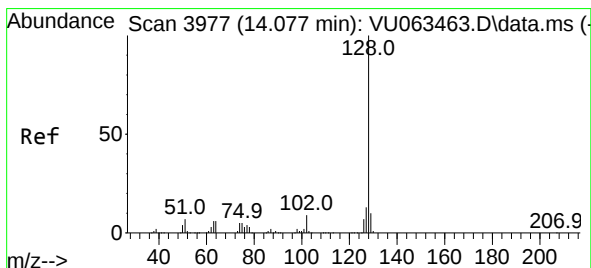
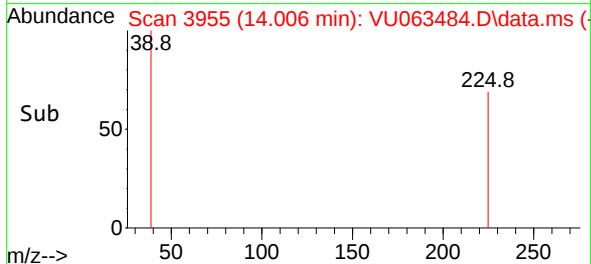
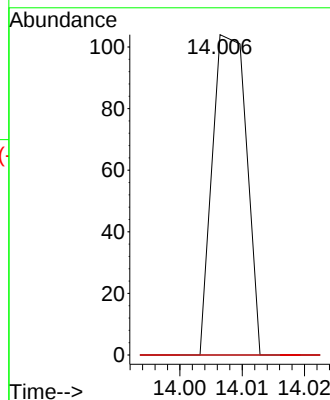


#94
Hexachlorobutadiene
Concen: 0.054 ug/l
RT: 14.006 min Scan# 3955
Delta R.T. -0.007 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

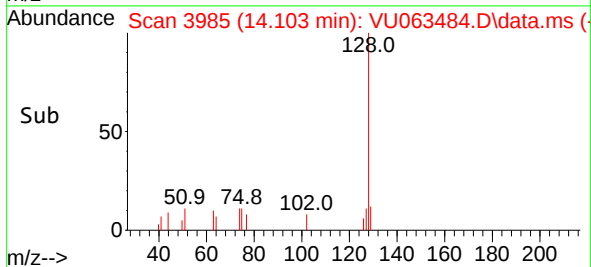
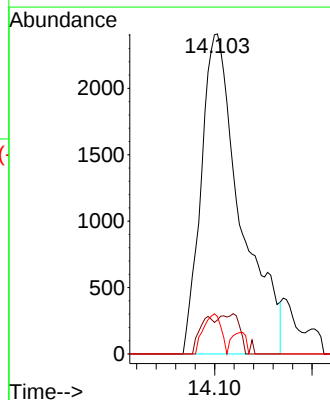
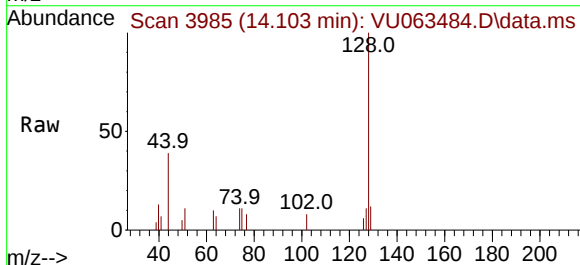


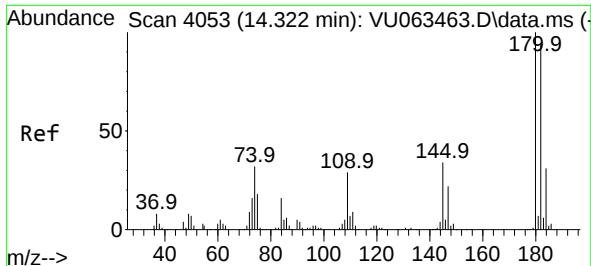
Tgt Ion:	225	Resp:	40
Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.4	97.0#
227	0.0	32.3	96.9#



#95
Naphthalene
Concen: 1.188 ug/l
RT: 14.103 min Scan# 3985
Delta R.T. 0.025 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion:	128	Resp:	6762
Ion	Ratio	Lower	Upper
128	100		
127	4.5	10.2	15.4#
129	5.6	8.6	12.8#





#96

1,2,3-Trichlorobenzene

Concen: 0.453 ug/l

RT: 14.334 min Scan# 40

Delta R.T. 0.013 min

Lab File: VU063484.D

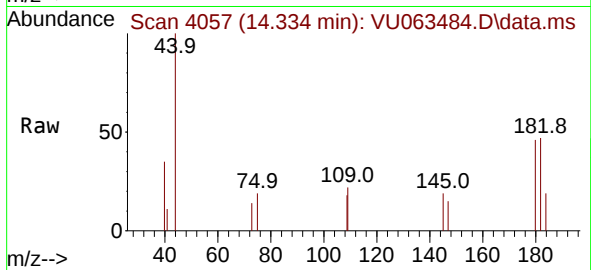
Acq: 11 Jul 2025 09:39

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL01



Tgt Ion:180 Resp: 774

Ion Ratio Lower Upper

180 100

182 87.2 47.8 143.3

145 24.8 17.2 51.5

