

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
 Data File : VU063662.D
 Acq On : 31 Oct 2025 15:29
 Operator : MD/SY
 Sample : VU1031WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1031WBL01

Quant Time: Nov 03 00:57:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.081	96	57963	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	24052	0.917	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	21876	0.931	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.579	85	46	0.002	ug/l	# 43
3) Chloromethane	1.509	50	1825	0.089	ug/l	97
4) Vinyl Chloride	1.766	62	124	0.006	ug/l	98
5) Bromomethane	1.840	94	1278	0.101	ug/l	91
6) Chloroethane	1.686	64	39	0.003	ug/l	91
7) Trichlorofluoromethane	2.116	101	138	0.005	ug/l	# 83
8) 1,1,2-Trichloro-1,2,2-...	2.551	101	20	0.001	ug/l	# 1
9) 1,1-Dichloroethene	2.560	96	150	0.010	ug/l	44
10) Iodomethane	2.705	142	1367	0.059	ug/l	100
11) Allyl Chloride	2.824	41	219	0.009	ug/l	87
12) Acrylonitrile	3.268	53	137	0.035	ug/l	# 33
13) Acetone	2.599	43	956	0.140	ug/l	# 52
14) Carbon Disulfide	2.766	76	1246	0.028	ug/l	100
15) Methylene Chloride	3.014	84	5411	0.269	ug/l	97
16) trans-1,2-Dichloroethene	3.316	96	177	0.010	ug/l	# 73
17) 1,1-Dichloroethane	3.824	63	140	0.004	ug/l	# 1
18) 2-Butanone	4.669	43	91	0.013	ug/l	77
19) Cyclohexane	5.351	56	111	0.004	ug/l	# 1
20) Methylcyclohexane	6.724	83	365	0.011	ug/l	# 40
21) 2,2-Dichloropropane	4.624	77	202	0.007	ug/l	# 1
22) cis-1,2-Dichloroethene	4.431	96	406	0.021	ug/l	34
23) Diethyl Ether	2.354	59	42	0.003	ug/l	# 1
24) tert-Butyl Alcohol	3.158	59	793	0.359	ug/l	# 88
25) Methyl tert-Butyl Ether	3.335	73	161	0.004	ug/l	# 1
26) Bromochloromethane	4.943	128	42	0.005	ug/l	# 1
27) Chloroform	5.039	83	286	0.008	ug/l	43
28) 1,1,1-Trichloroethane	5.280	97	116	0.004	ug/l	# 36
29) 1,1-Dichloropropene	5.493	75	137	0.005	ug/l	# 1
30) Carbon Tetrachloride	5.502	117	257	0.011	ug/l	# 29
31) Isopropyl Ether	3.978	45	345	0.006	ug/l	84
32) Ethyl-t-butyl ether	4.541	59	20	0.000	ug/l	# 34
33) Tert-Amyl methyl ether	5.923	73	22	0.000	ug/l	# 1
34) Propionitrile	4.743	54	138	0.098	ug/l	# 32
35) Benzene	5.804	78	231	0.003	ug/l	91
36) 1,2-Dichloroethane	5.772	62	293	0.013	ug/l	# 94
37) Trichloroethene	6.515	130	386	0.019	ug/l	# 23
38) 1,2-Dichloropropane	6.759	63	162	0.008	ug/l	# 1
39) Methacrylonitrile	4.956	41	342	0.049	ug/l	# 78
40) Methyl acrylate	4.817	55	130	0.013	ug/l	# 1
41) Tetrahydrofuran	5.033	42	153	0.048	ug/l	# 1
42) 1-Chlorobutane	5.232	56	252	0.007	ug/l	72
43) Dibromomethane	6.891	93	372	0.035	ug/l	# 31
44) Bromodichloromethane	7.084	83	272	0.011	ug/l	# 25

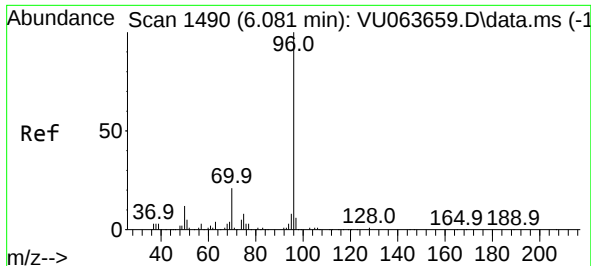
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
 Data File : VU063662.D
 Acq On : 31 Oct 2025 15:29
 Operator : MD/SY
 Sample : VU1031WBL01
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 03 00:57:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	1177	0.093	ug/l #	60
46) t-1,4-Dichloro-2-butene	10.804	75	511	0.116	ug/l #	31
47) Methyl methacrylate	6.952	69	385	0.040	ug/l #	44
48) Ethyl methacrylate	8.290	69	160	0.008	ug/l	75
49) Toluene	7.946	92	578	0.012	ug/l	86
50) t-1,3-Dichloropropene	8.184	75	251	0.011	ug/l #	53
51) cis-1,3-Dichloropropene	7.589	75	128	0.005	ug/l #	52
52) 1,1,2-Trichloroethane	8.370	97	48	0.003	ug/l #	15
53) 1,3-Dichloropropane	8.547	76	20	0.001	ug/l #	1
54) 2-Hexanone	8.689	43	2746	0.256	ug/l	83
56) 1,2-Dibromoethane	8.904	107	65	0.005	ug/l	33
58) Tetrachloroethene	8.528	164	101	0.005	ug/l #	76
59) Chlorobenzene	9.434	112	837	0.016	ug/l #	42
60) 1,1,1,2-Tetrachloroethane	9.586	131	43	0.002	ug/l #	30
61) Pentachloroethane	11.399	117	62	0.005	ug/l #	47
63) Ethyl Benzene	9.550	91	1900	0.020	ug/l #	89
64) m/p-Xylenes	9.676	106	1185	0.033	ug/l	85
65) o-Xylene	10.081	106	517	0.015	ug/l	62
66) Styrene	10.097	104	1211	0.021	ug/l #	72
69) Isopropylbenzene	10.460	105	1466	0.017	ug/l	89
70) 1,1,2,2-Tetrachloroethane	10.762	83	281	0.016	ug/l #	63
71) 1,2,3-Trichloropropane	10.804	75	511	0.033	ug/l #	79
72) Bromobenzene	10.762	156	370	0.018	ug/l #	18
73) n-propylbenzene	10.885	120	901	0.036	ug/l	82
74) 2-Chlorotoluene	10.968	126	360	0.017	ug/l	19
75) 1,3,5-Trimethylbenzene	11.068	105	1529	0.019	ug/l	96
76) 4-Chlorotoluene	11.087	126	728	0.034	ug/l	84
77) tert-Butylbenzene	11.396	119	1746	0.022	ug/l	92
78) 1,2,4-Trimethylbenzene	11.447	105	2906	0.038	ug/l	94
79) sec-Butylbenzene	11.621	105	3621	0.035	ug/l #	91
80) Nitrobenzene	13.187	77	344	0.543	ug/l #	46
81) p-Isopropyltoluene	11.769	119	4028	0.047	ug/l	93
82) 1,3-Dichlorobenzene	11.727	146	1470	0.036	ug/l	94
83) 1,4-Dichlorobenzene	11.727	146	1470	0.036	ug/l	94
84) n-Butylbenzene	12.187	91	9491	0.124	ug/l	97
85) 1,2-Dichlorobenzene	12.193	146	1756	0.045	ug/l #	70
87) 1,2,4-Trichlorobenzene	13.820	180	5477	0.230	ug/l	99
88) Hexachlorobutadiene	13.994	225	991	0.070	ug/l #	70
89) Naphthalene	14.068	128	26430	0.577	ug/l	98
90) 1,2,3-Trichlorobenzene	14.306	180	5522	0.254	ug/l	99

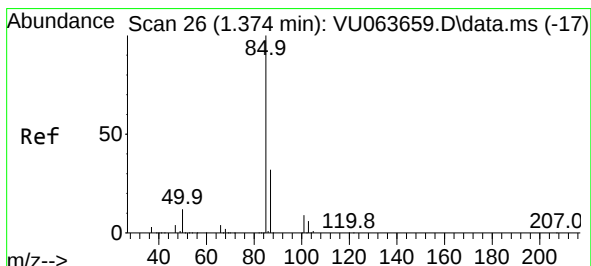
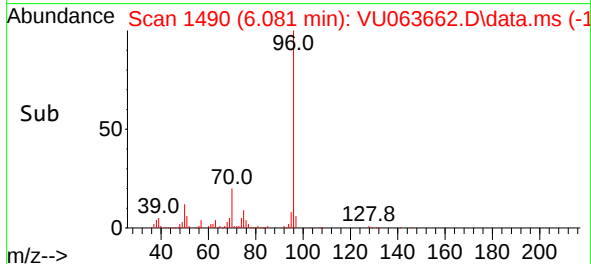
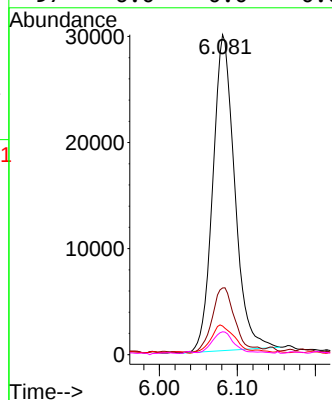
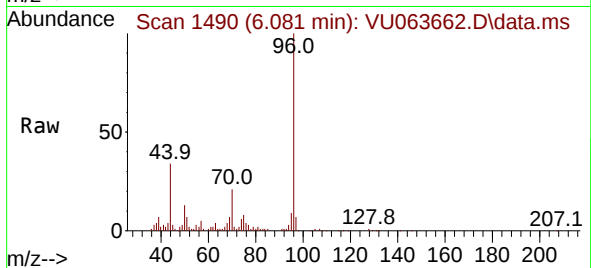
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.081 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

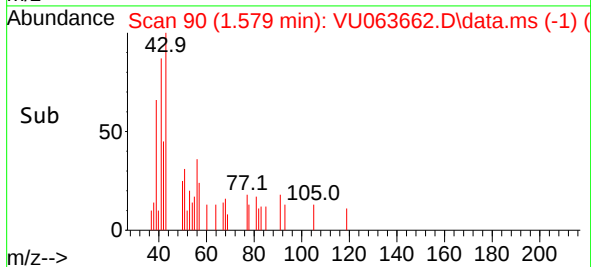
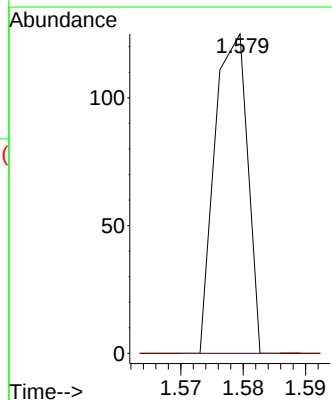
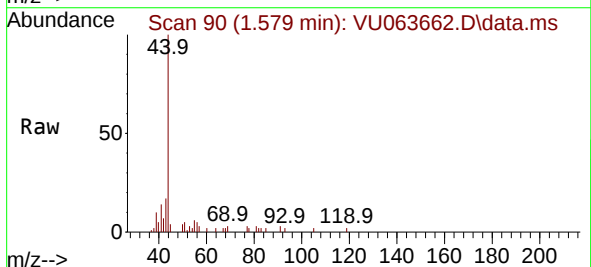
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

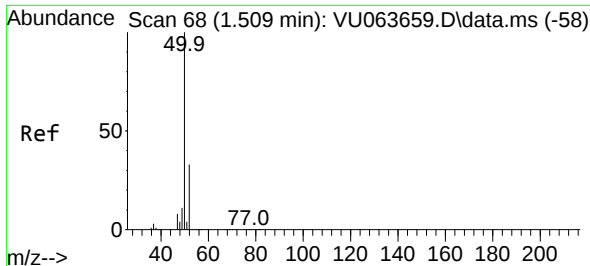
Tgt Ion: 96	Resp: 57963
Ion Ratio	Lower Upper
96 100	
70 19.7	15.3 22.9
95 8.5	6.5 9.7
97 6.0	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.002 ug/l
RT: 1.579 min Scan# 90
Delta R.T. 0.206 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 85	Resp: 46
Ion Ratio	Lower Upper
85 100	
87 0.0	16.0 47.9#

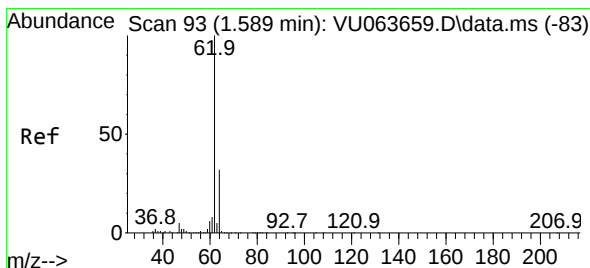
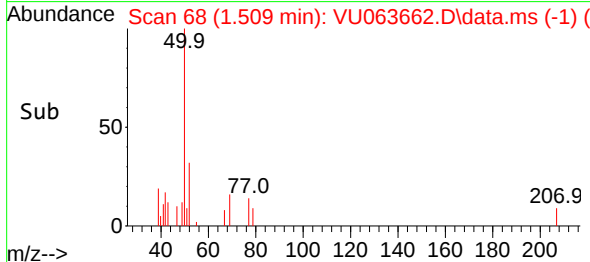
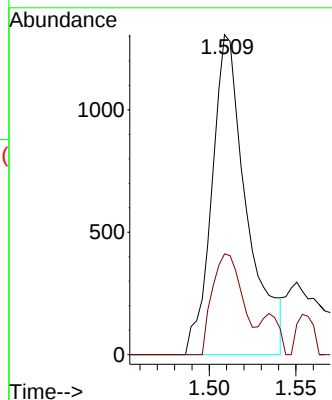
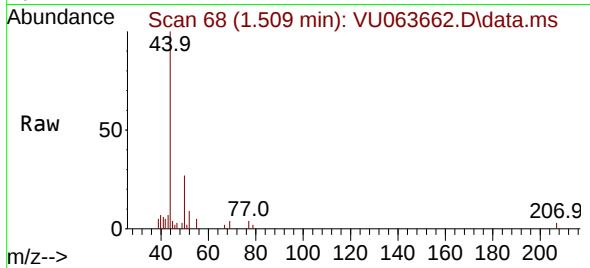




#3
Chloromethane
Concen: 0.089 ug/l
RT: 1.509 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

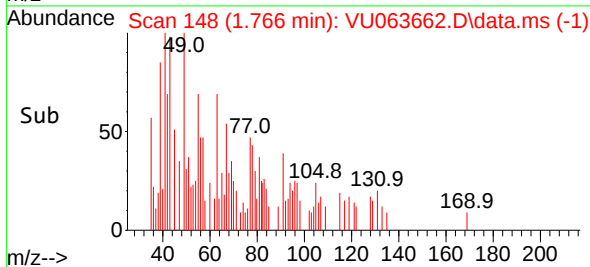
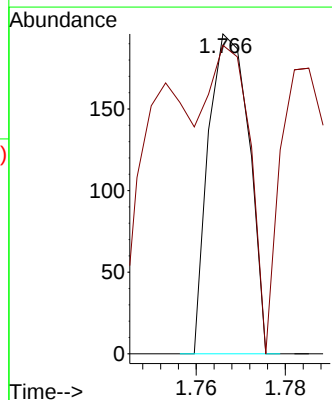
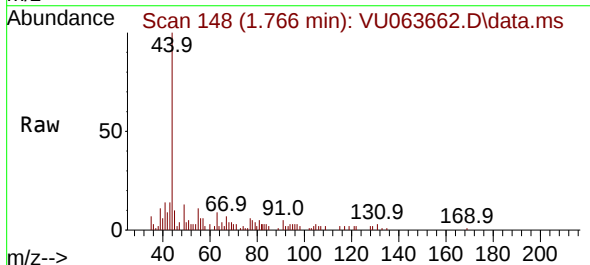
Instrument :
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ClientSampleId :
VU1031WBL01

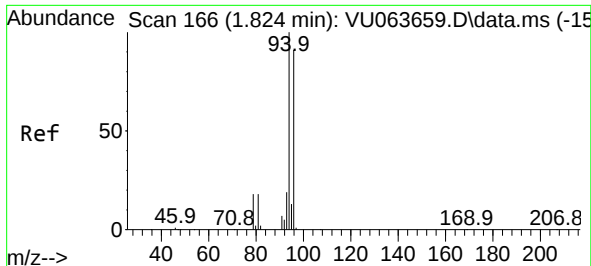
Tgt Ion: 50 Resp: 1825
Ion Ratio Lower Upper
50 100
52 31.5 26.6 40.0



#4
Vinyl Chloride
Concen: 0.006 ug/l
RT: 1.766 min Scan# 148
Delta R.T. 0.177 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 62 Resp: 124
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8

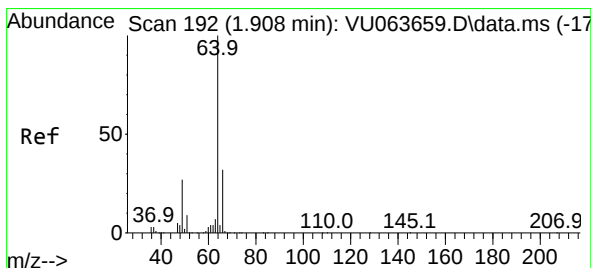
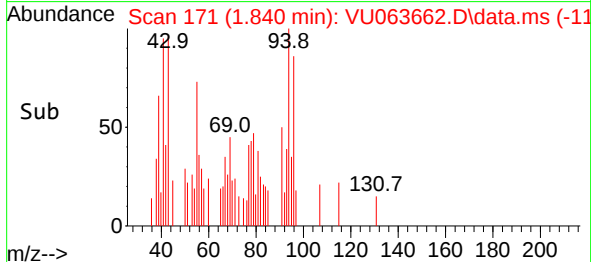
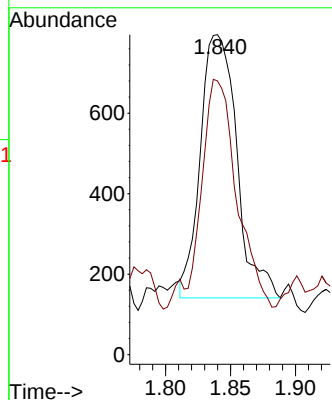
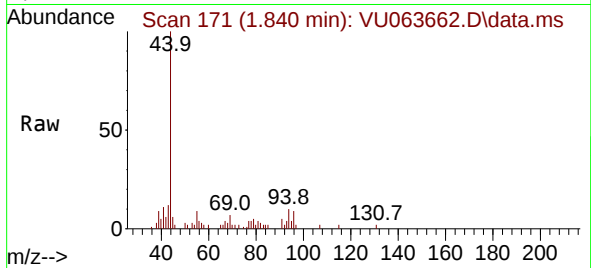




#5
Bromomethane
Concen: 0.101 ug/l
RT: 1.840 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

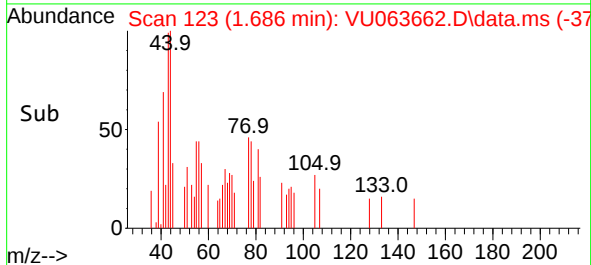
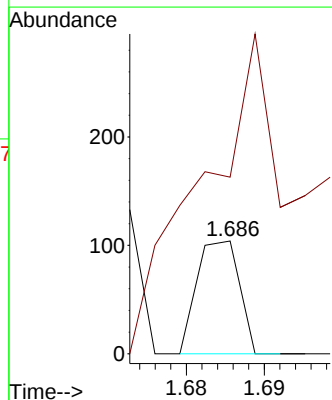
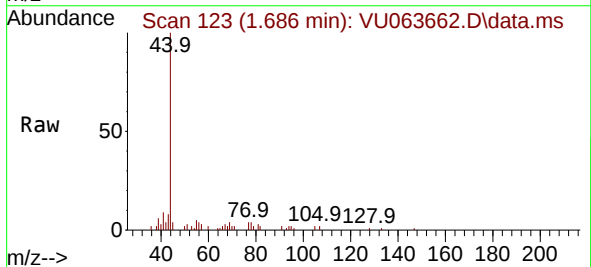
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MSVOA_U
ClientSampleId :
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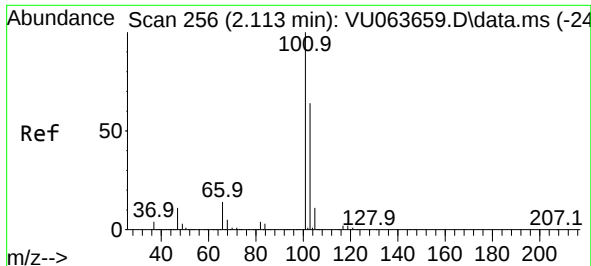
Tgt Ion: 94 Resp: 1278
Ion Ratio Lower Upper
94 100
96 82.9 73.0 109.6



#6
Chloroethane
Concen: 0.003 ug/l
RT: 1.686 min Scan# 123
Delta R.T. -0.222 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 64 Resp: 39
Ion Ratio Lower Upper
64 100
66 26.9 25.4 38.2

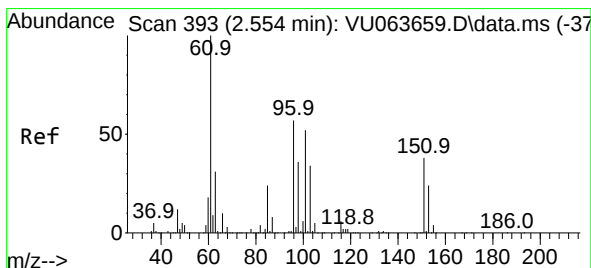
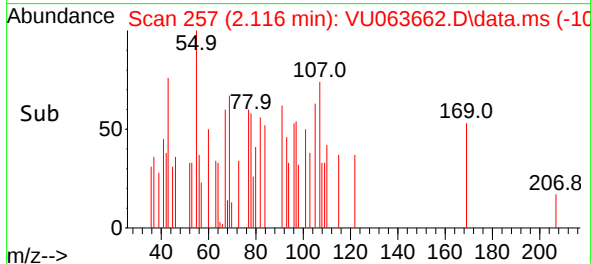
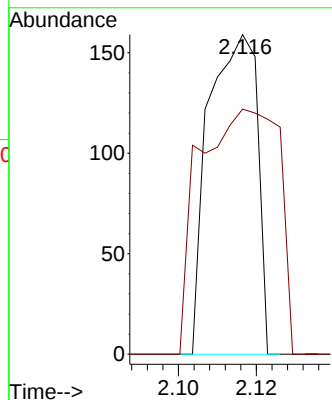
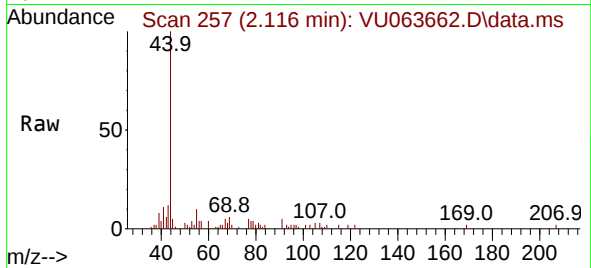




#7
Trichlorofluoromethane
Concen: 0.005 ug/l
RT: 2.116 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

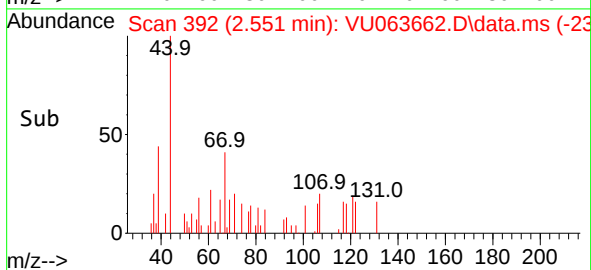
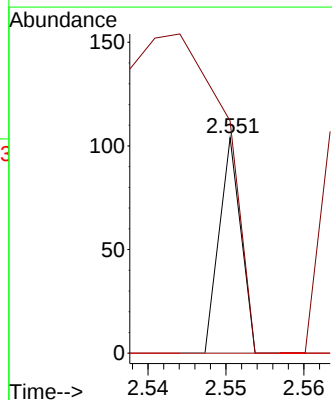
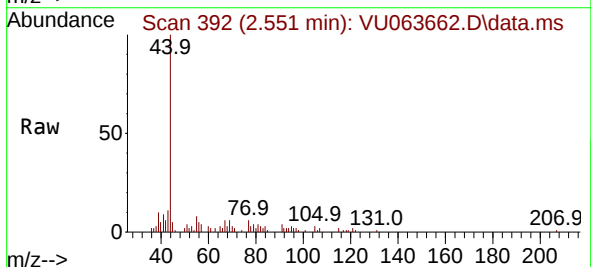
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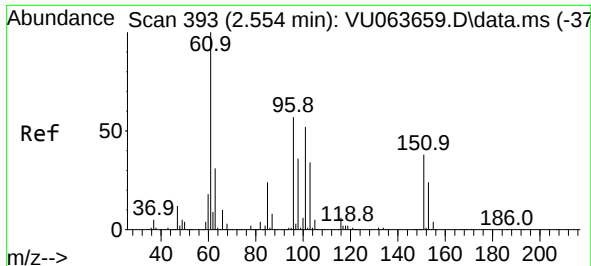
Tgt Ion:101 Resp: 138
Ion Ratio Lower Upper
101 100
103 76.7 51.0 76.6#



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.001 ug/l
RT: 2.551 min Scan# 392
Delta R.T. -0.003 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion:101 Resp: 20
Ion Ratio Lower Upper
101 100
85 1035.0 37.0 55.4#
151 0.0 57.2 85.8#

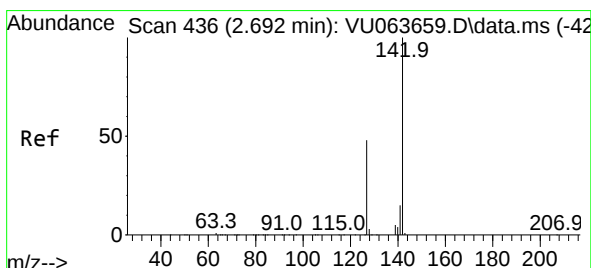
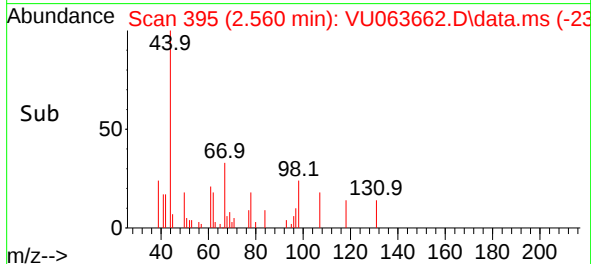
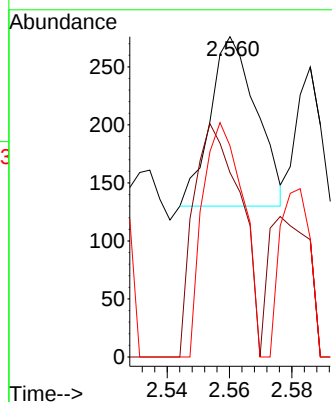
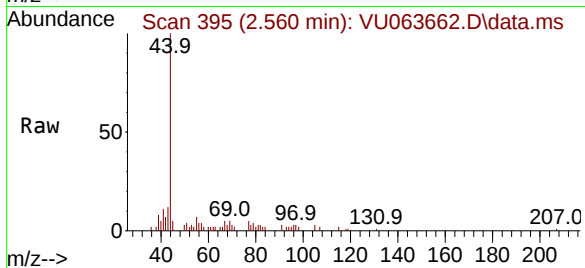




#9
1,1-Dichloroethene
Concen: 0.010 ug/l
RT: 2.560 min Scan# 395
Delta R.T. 0.006 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

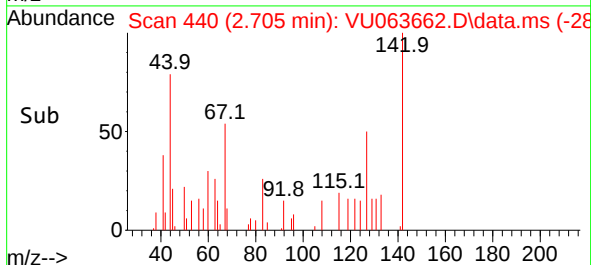
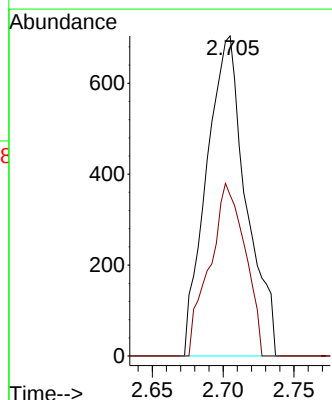
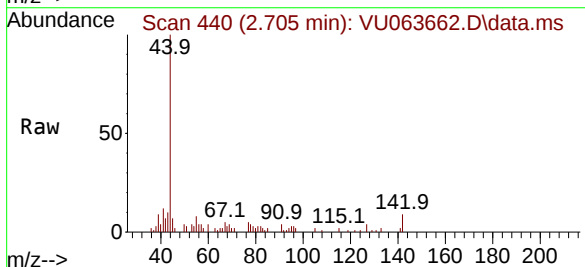
Instrument :
MSVOA_U
ClientSampleId :
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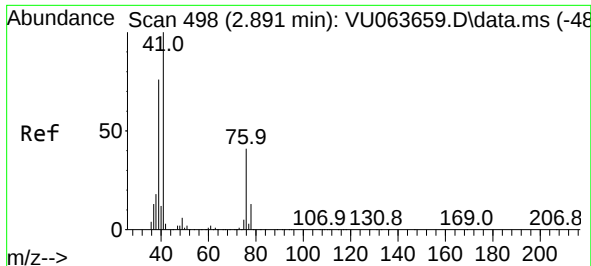
Tgt Ion: 96 Resp: 150
Ion Ratio Lower Upper
96 100
61 108.9 0.0 524.7
98 124.7 0.0 126.8



#10
Iodomethane
Concen: 0.059 ug/l
RT: 2.705 min Scan# 440
Delta R.T. 0.013 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 142 Resp: 1367
Ion Ratio Lower Upper
142 100
127 48.3 38.6 58.0

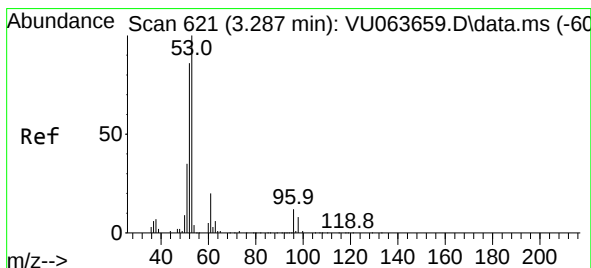
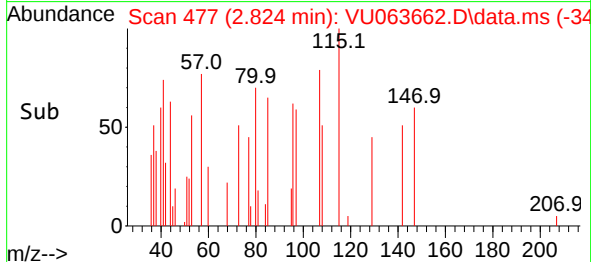
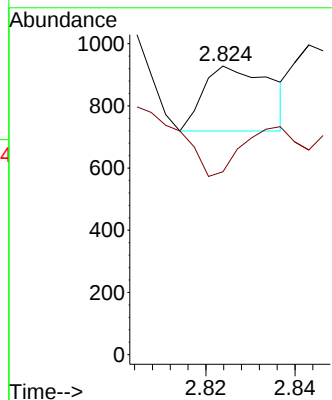
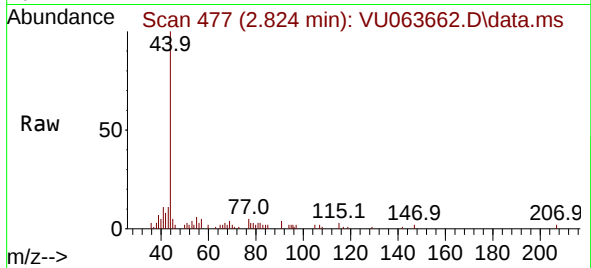




#11
 Allyl Chloride
 Concen: 0.009 ug/l
 RT: 2.824 min Scan# 41
 Delta R.T. -0.068 min
 Lab File: VU063662.D
 Acq: 31 Oct 2025 15:29

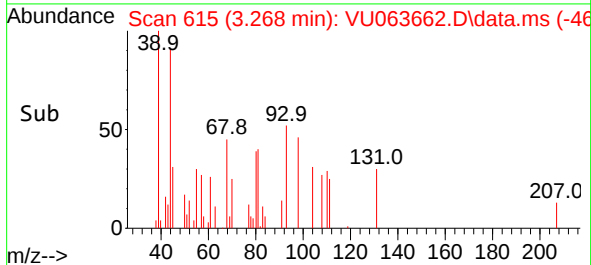
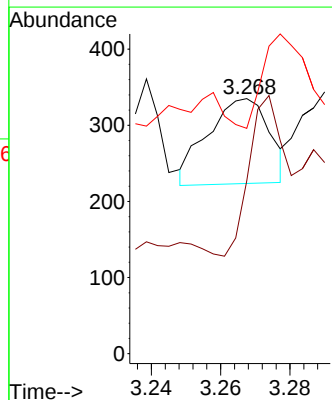
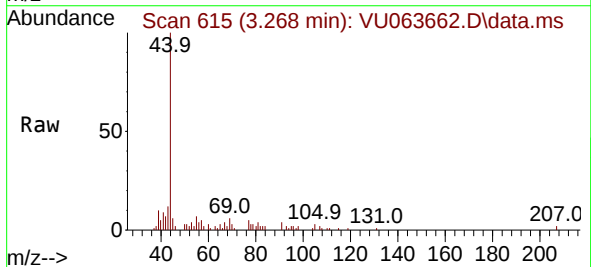
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1031WBL01

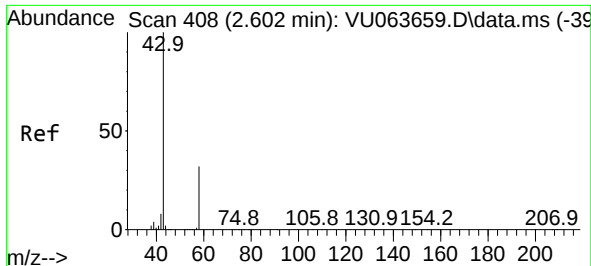
Tgt Ion: 41 Resp: 219
 Ion Ratio Lower Upper
 41 100
 39 64.8 61.0 91.4



#12
 Acrylonitrile
 Concen: 0.035 ug/l
 RT: 3.268 min Scan# 615
 Delta R.T. -0.019 min
 Lab File: VU063662.D
 Acq: 31 Oct 2025 15:29

Tgt Ion: 53 Resp: 137
 Ion Ratio Lower Upper
 53 100
 52 110.2 65.4 98.0#
 51 121.9 27.6 41.4#





#13

Acetone

Concen: 0.140 ug/l

RT: 2.599 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Instrument :

MSVOA_U

ClientSampleId :

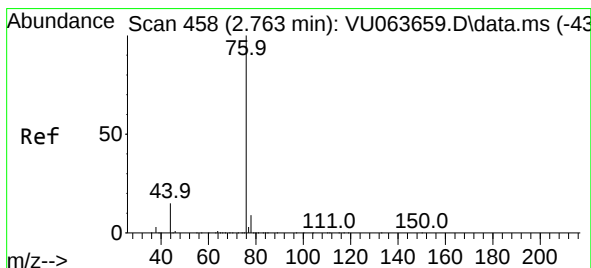
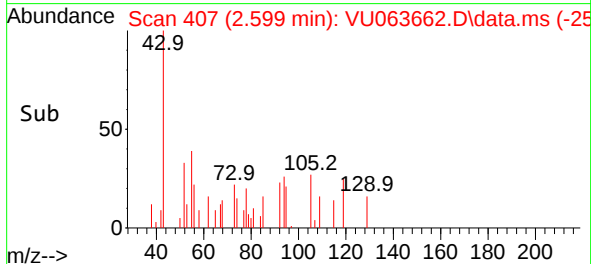
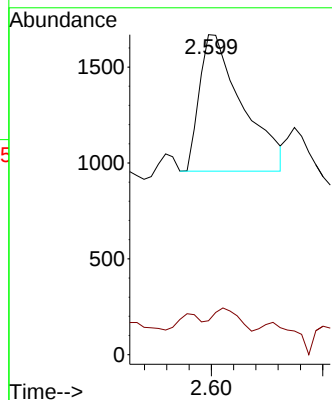
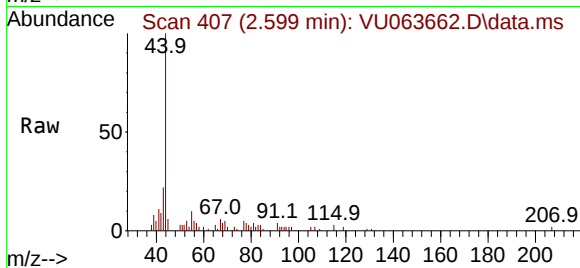
VU1031WBL01

Tgt Ion: 43 Resp: 956

Ion Ratio Lower Upper

43 100

58 5.1 25.2 37.8#



#14

Carbon Disulfide

Concen: 0.028 ug/l

RT: 2.766 min Scan# 459

Delta R.T. 0.003 min

Lab File: VU063662.D

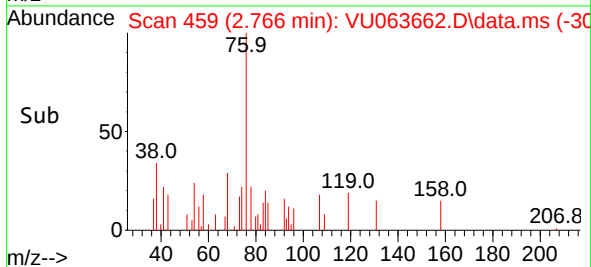
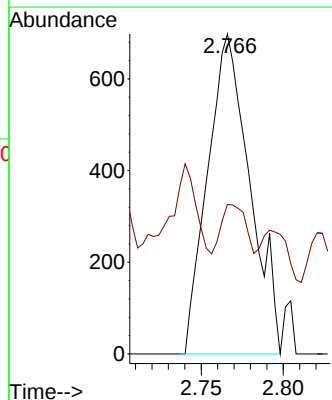
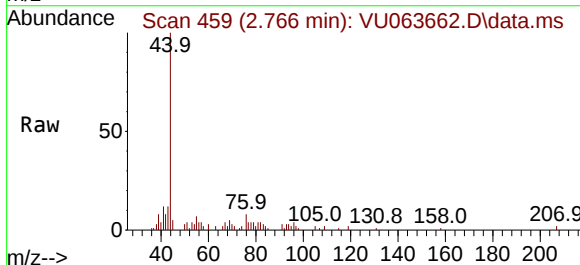
Acq: 31 Oct 2025 15:29

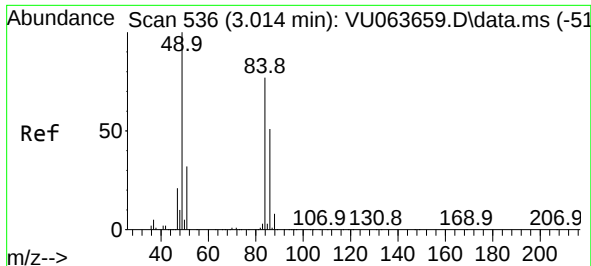
Tgt Ion: 76 Resp: 1246

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

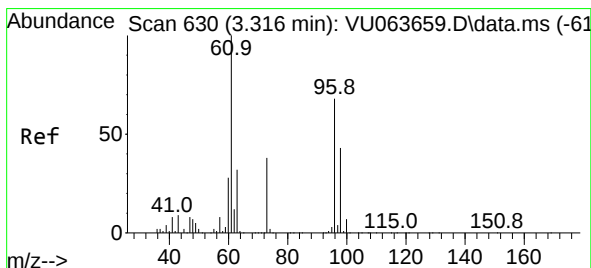
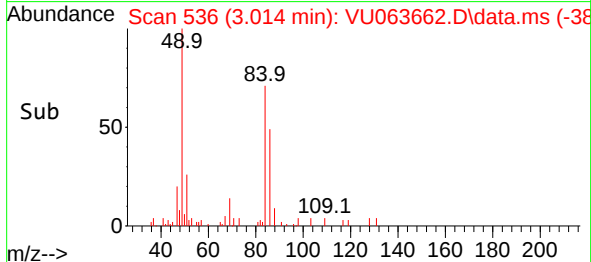
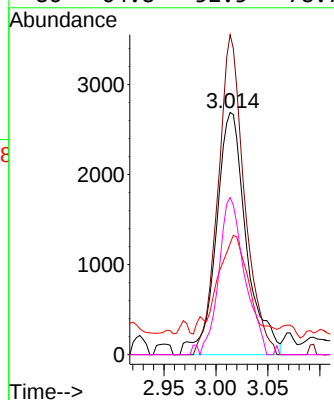
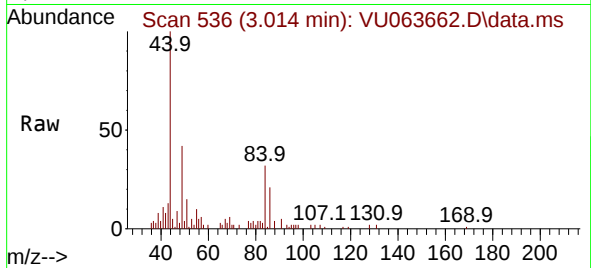




#15
Methylene Chloride
Concen: 0.269 ug/l
RT: 3.014 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

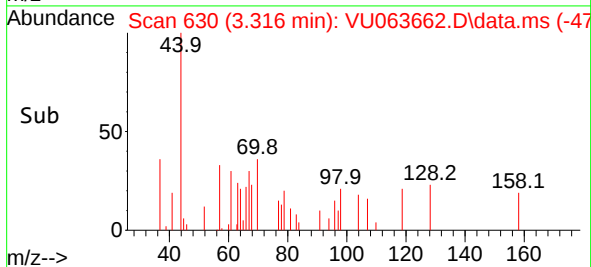
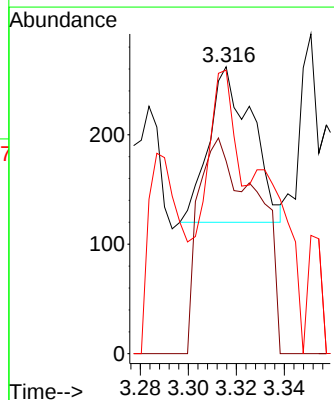
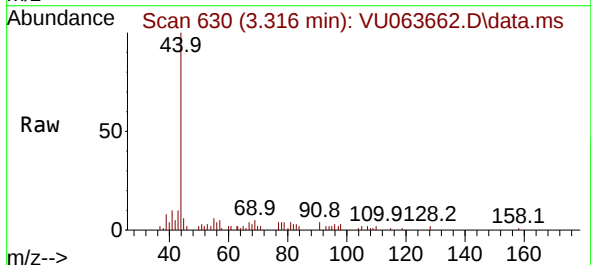
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

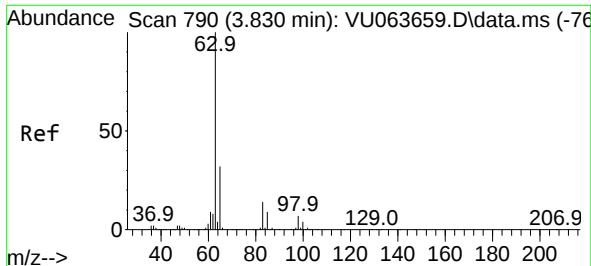
Tgt Ion:	84	Resp:	5411
Ion	Ratio	Lower	Upper
84	100		
49	132.1	103.4	155.0
51	34.8	0.0	81.6
86	64.8	52.5	78.7



#16
trans-1,2-Dichloroethene
Concen: 0.010 ug/l
RT: 3.316 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion:	96	Resp:	177
Ion	Ratio	Lower	Upper
96	100		
61	123.9	117.4	176.2
98	97.9	49.9	74.9

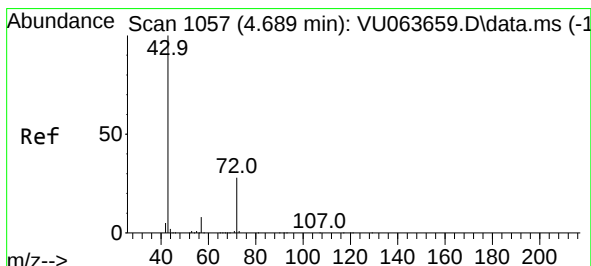
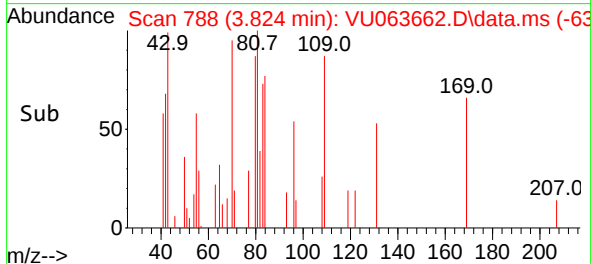
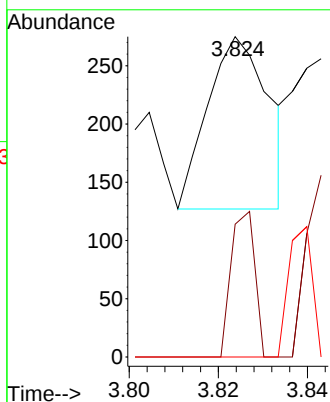
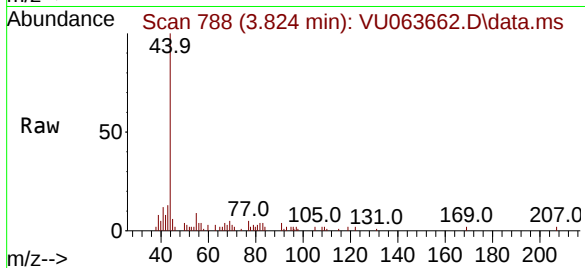




#17
1,1-Dichloroethane
Concen: 0.004 ug/l
RT: 3.824 min Scan# 790
Delta R.T. -0.007 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

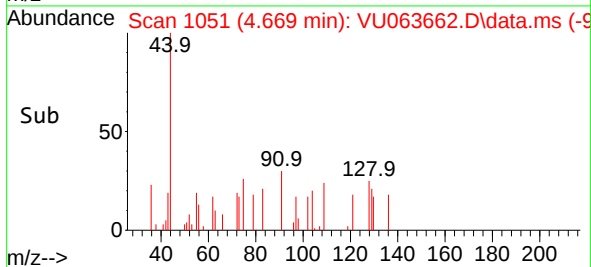
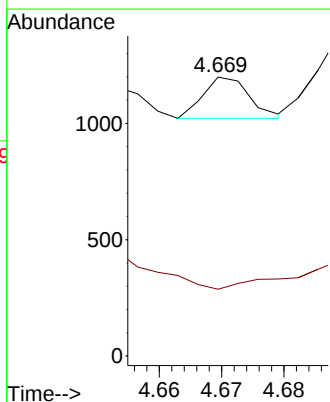
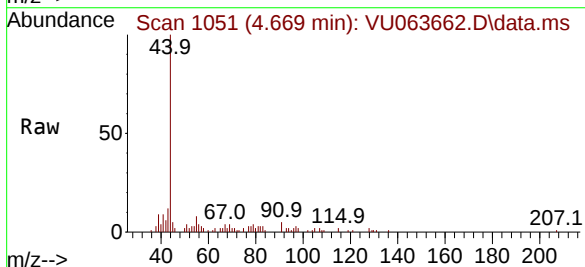
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

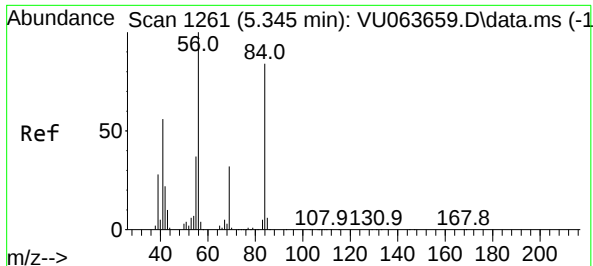
Tgt Ion: 63 Resp: 140
Ion Ratio Lower Upper
63 100
98 77.0 3.5 10.5#
100 0.0 2.2 6.6#



#18
2-Butanone
Concen: 0.013 ug/l
RT: 4.669 min Scan# 1051
Delta R.T. -0.019 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.6





#19

Cyclohexane

Concen: 0.004 ug/l

RT: 5.351 min Scan# 111

Delta R.T. 0.006 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Instrument :

MSVOA_U

ClientSampleId :

VU1031WBL01

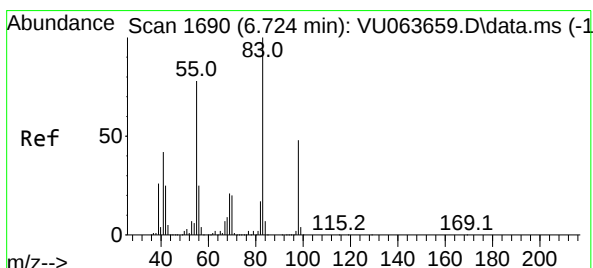
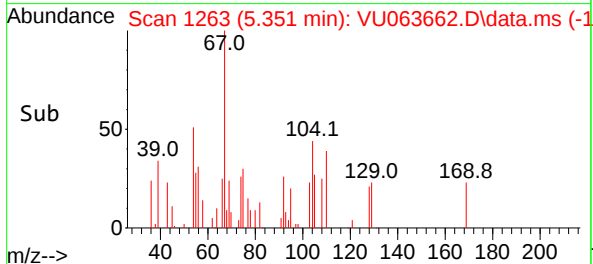
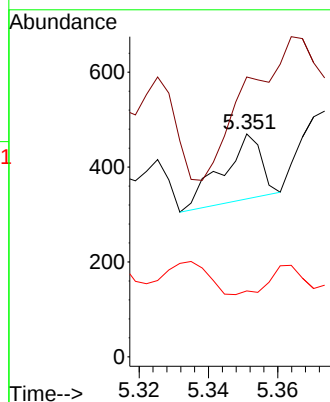
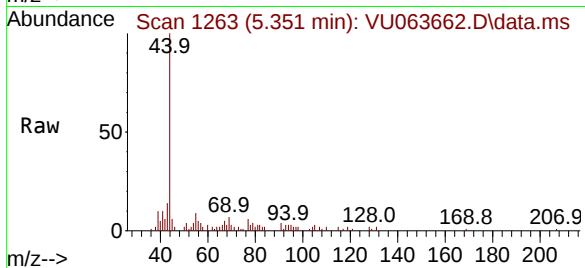
Tgt Ion: 56 Resp: 111

Ion Ratio Lower Upper

56 100

69 390.1 27.1 40.7#

84 26.1 73.4 110.0#



#20

Methylcyclohexane

Concen: 0.011 ug/l

RT: 6.724 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

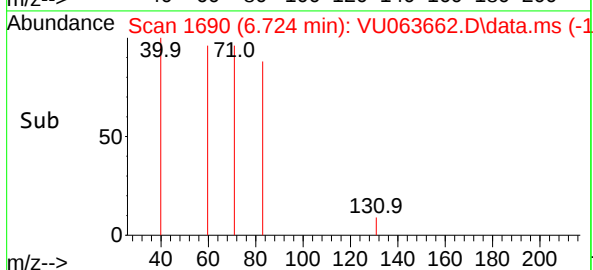
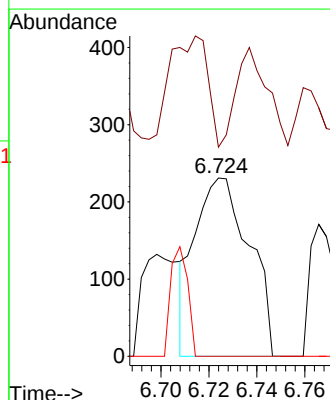
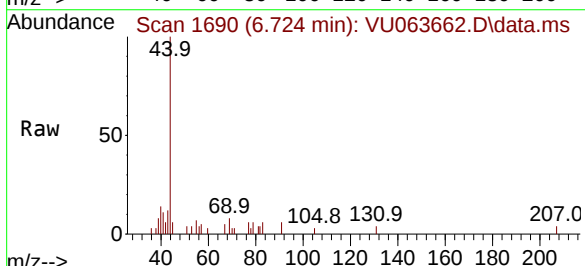
Tgt Ion: 83 Resp: 365

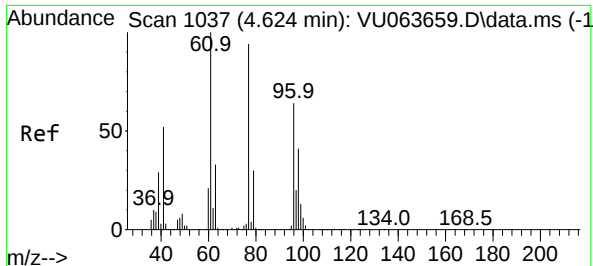
Ion Ratio Lower Upper

83 100

55 31.0 61.5 92.3#

98 0.0 37.9 56.9#

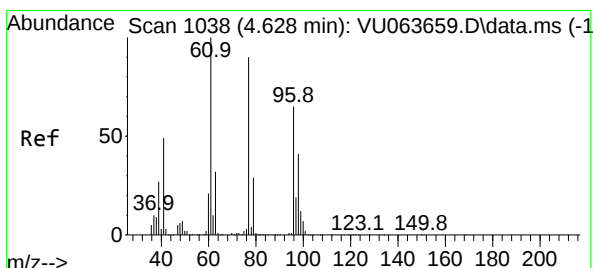
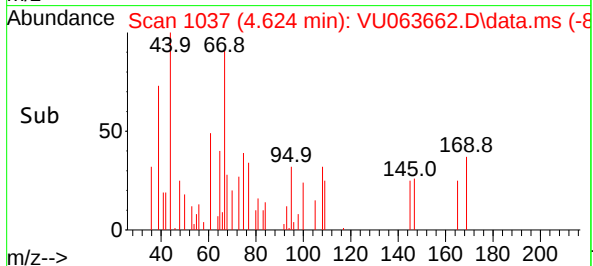
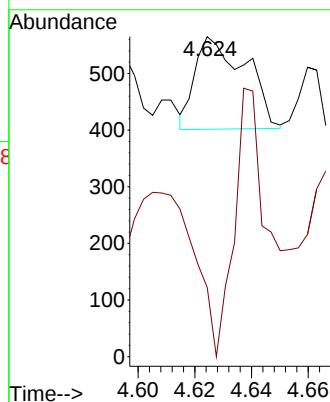
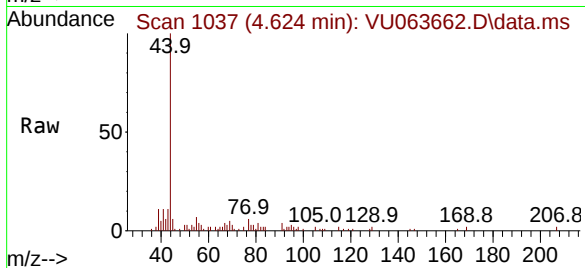




#21
2,2-Dichloropropane
Concen: 0.007 ug/l
RT: 4.624 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

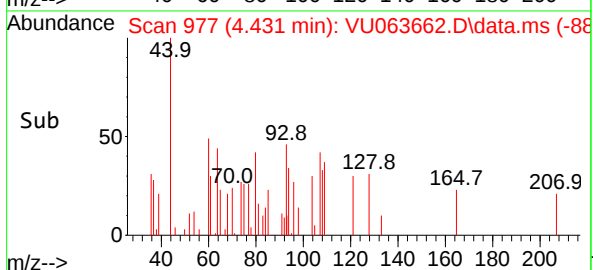
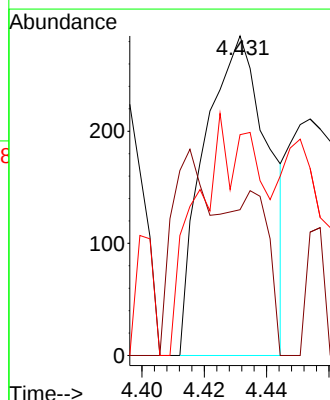
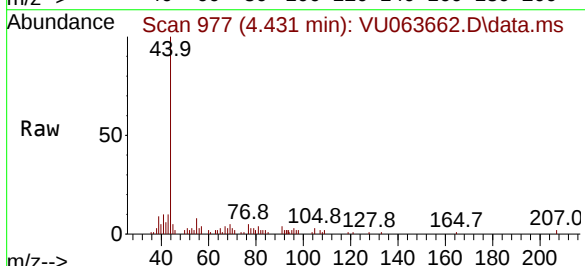
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

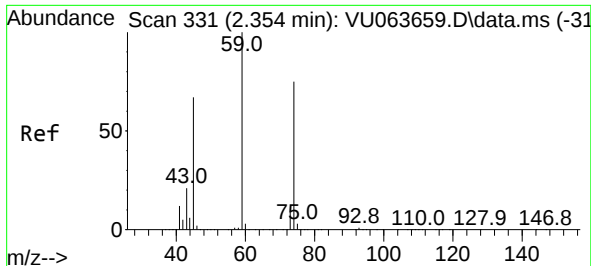
Tgt Ion: 77 Resp: 202
Ion Ratio Lower Upper
77 100
97 200.0 17.1 25.7#



#22
cis-1,2-Dichloroethene
Concen: 0.021 ug/l
RT: 4.431 min Scan# 977
Delta R.T. -0.196 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 96 Resp: 406
Ion Ratio Lower Upper
96 100
61 41.6 0.0 385.0
98 74.6 31.3 93.9

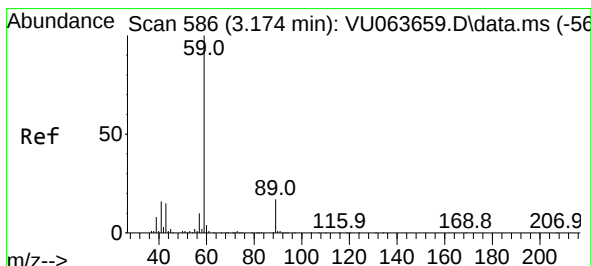
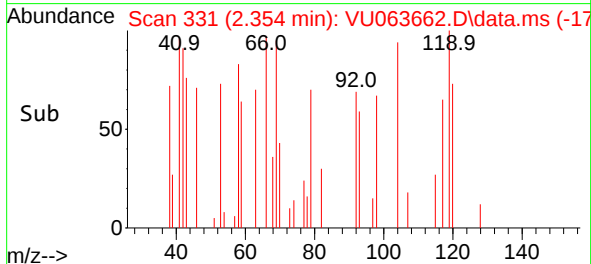
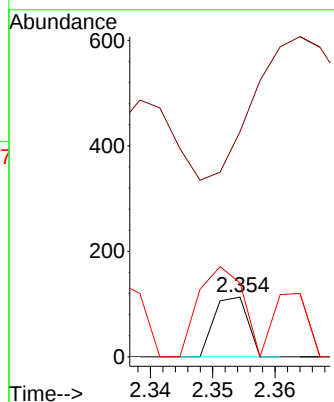
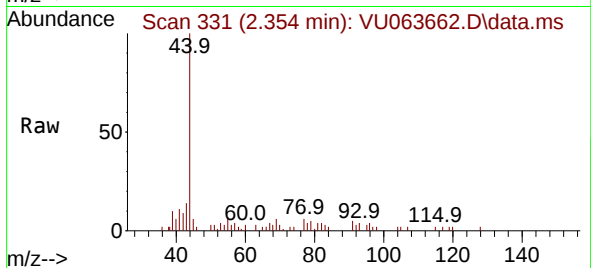




#23
Diethyl Ether
Concen: 0.003 ug/l
RT: 2.354 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

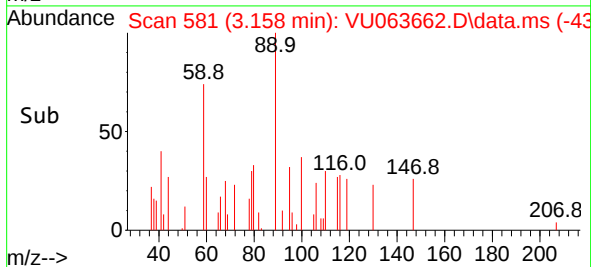
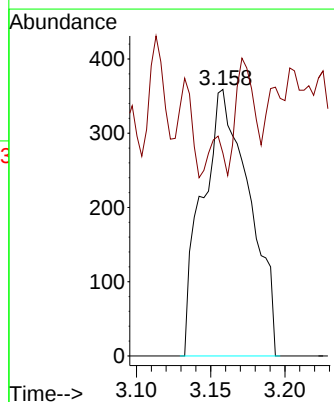
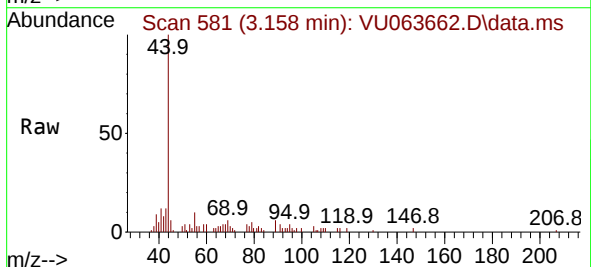
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

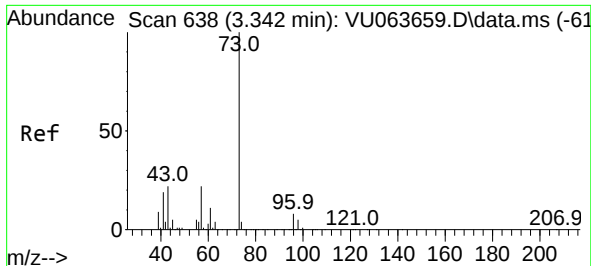
Tgt Ion: 59 Resp: 42
Ion Ratio Lower Upper
59 100
45 0.0 52.6 78.8#
74 202.4 59.4 89.2#



#24
tert-Butyl Alcohol
Concen: 0.359 ug/l
RT: 3.158 min Scan# 581
Delta R.T. -0.016 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 59 Resp: 793
Ion Ratio Lower Upper
59 100
57 4.5 7.2 10.8#

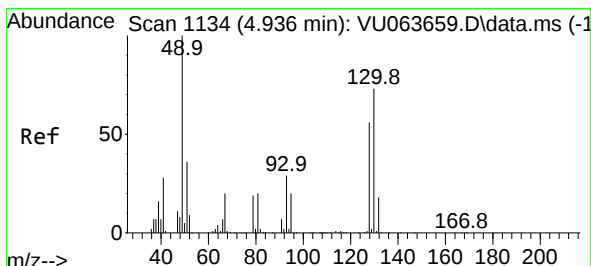
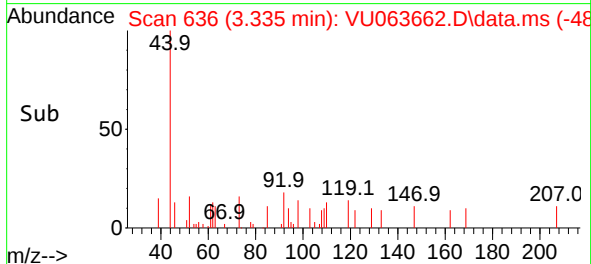
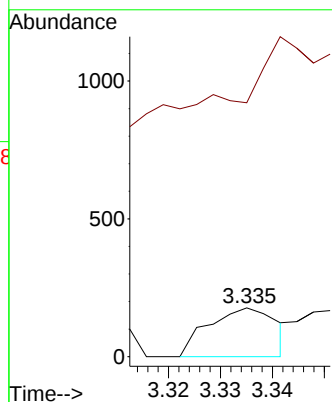
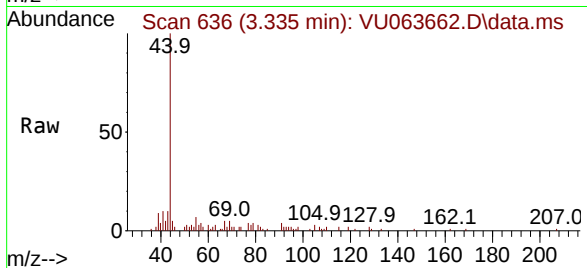




#25
Methyl tert-Butyl Ether
Concen: 0.004 ug/l
RT: 3.335 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

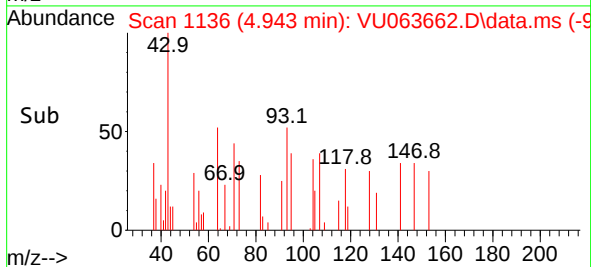
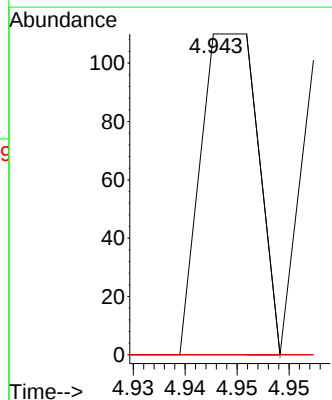
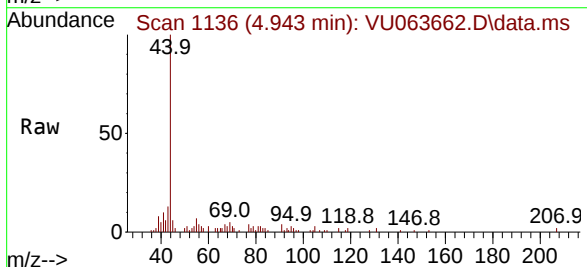
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

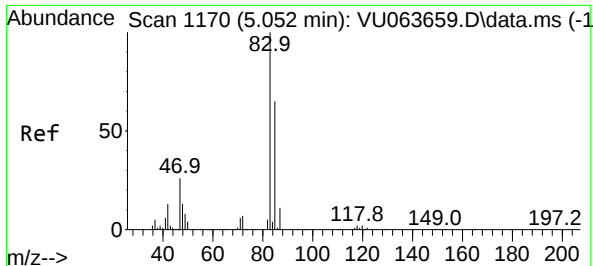
Tgt Ion: 73 Resp: 161
Ion Ratio Lower Upper
73 100
43 267.7 17.4 26.0#



#26
Bromochloromethane
Concen: 0.005 ug/l
RT: 4.943 min Scan# 1136
Delta R.T. 0.006 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 128 Resp: 42
Ion Ratio Lower Upper
128 100
49 0.0 0.0 349.6
130 0.0 102.7 154.1#





#27

Chloroform

Concen: 0.008 ug/l

RT: 5.039 min Scan# 1166

Delta R.T. -0.013 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Instrument :

MSVOA_U

ClientSampleId :

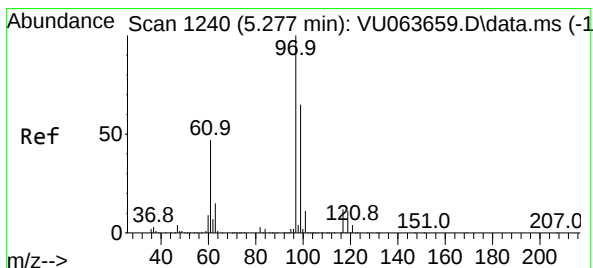
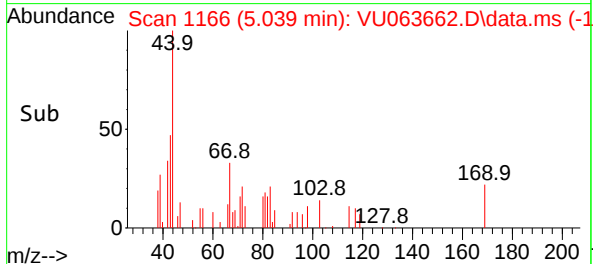
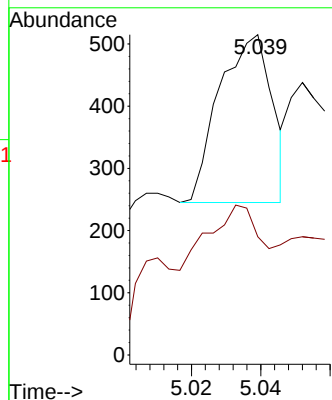
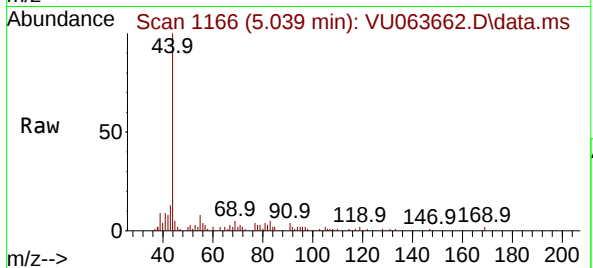
VU1031WBL01

Tgt Ion: 83 Resp: 286

Ion Ratio Lower Upper

83 100

85 20.0 0.0 130.8



#28

1,1,1-Trichloroethane

Concen: 0.004 ug/l

RT: 5.280 min Scan# 1241

Delta R.T. 0.003 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

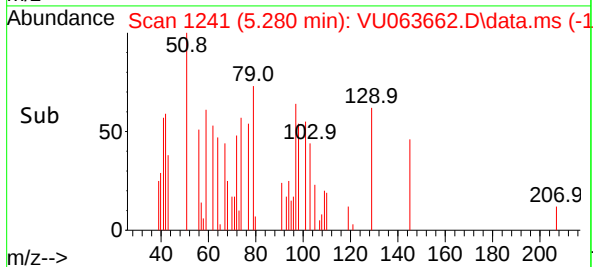
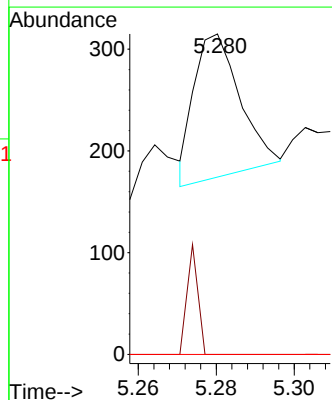
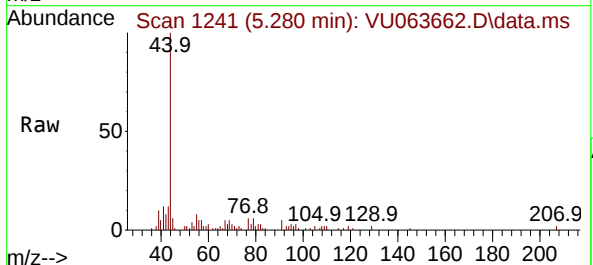
Tgt Ion: 97 Resp: 116

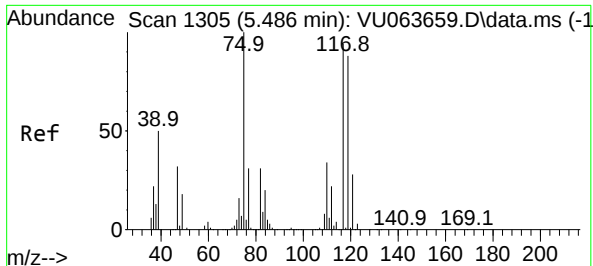
Ion Ratio Lower Upper

97 100

99 18.1 32.3 96.8#

61 0.0 23.3 69.8#





#29

1,1-Dichloropropene

Concen: 0.005 ug/l

RT: 5.493 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Instrument :

MSVOA_U

ClientSampleId :

VU1031WBL01

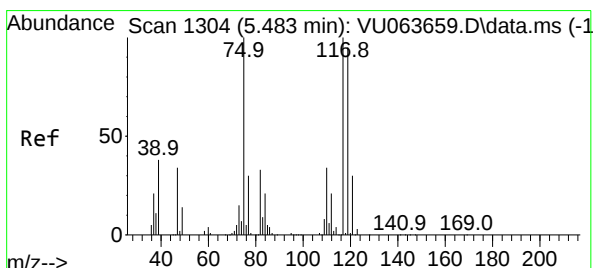
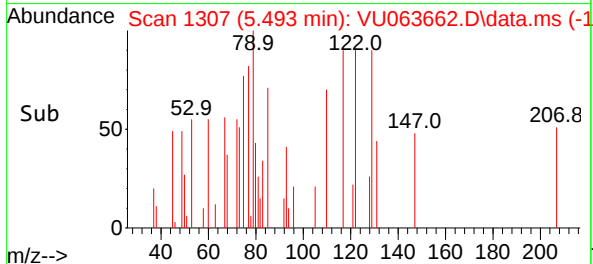
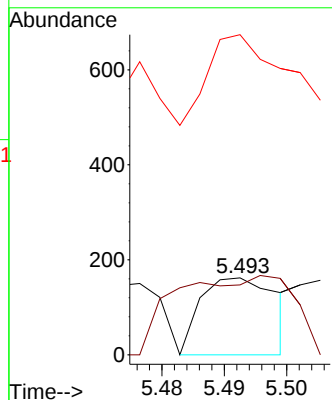
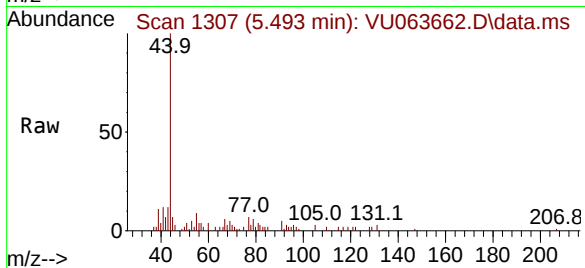
Tgt Ion: 75 Resp: 137

Ion Ratio Lower Upper

75 100

110 159.9 17.2 51.5#

77 233.6 24.5 36.7#



#30

Carbon Tetrachloride

Concen: 0.011 ug/l

RT: 5.502 min Scan# 1310

Delta R.T. 0.019 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

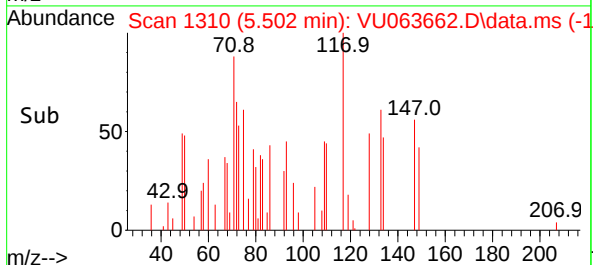
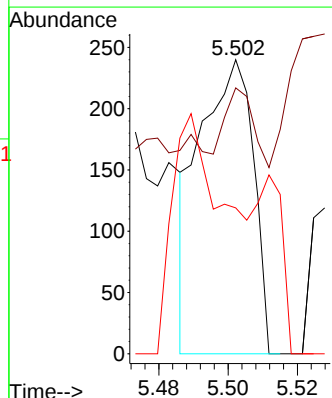
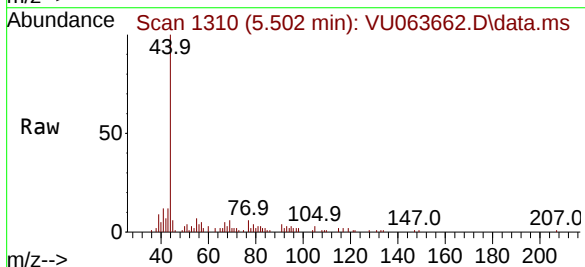
Tgt Ion: 117 Resp: 257

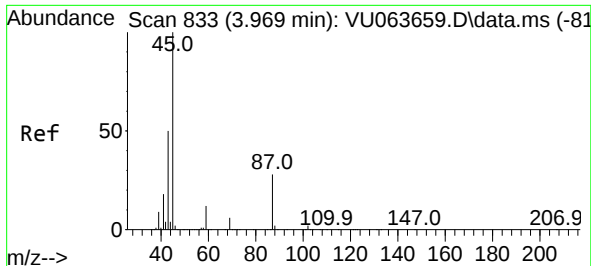
Ion Ratio Lower Upper

117 100

119 21.3 75.7 113.5#

121 0.0 23.8 35.6#

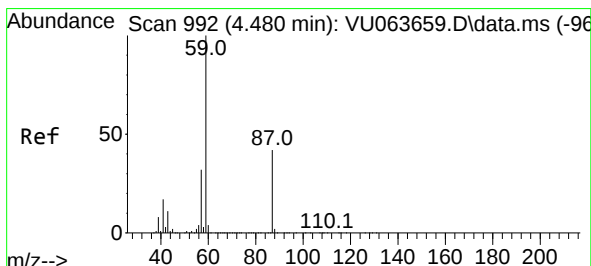
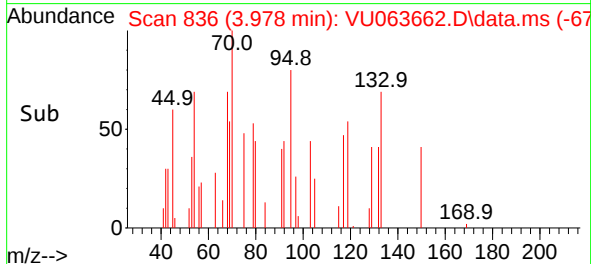
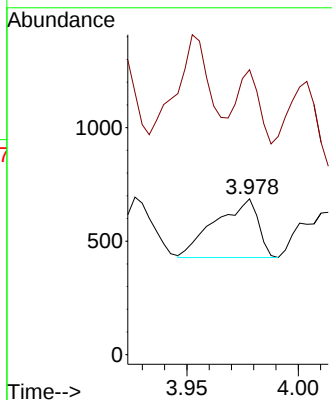
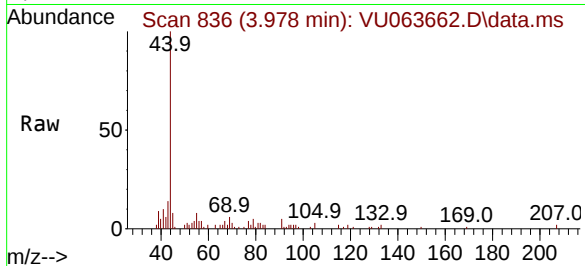




#31
Isopropyl Ether
Concen: 0.006 ug/l
RT: 3.978 min Scan# 81
Delta R.T. 0.010 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

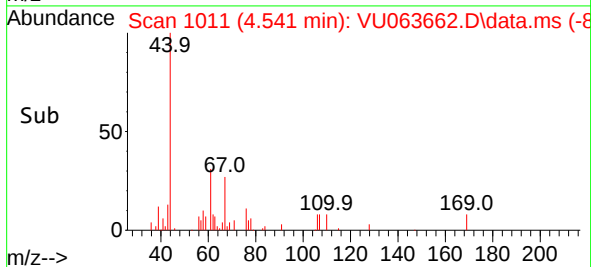
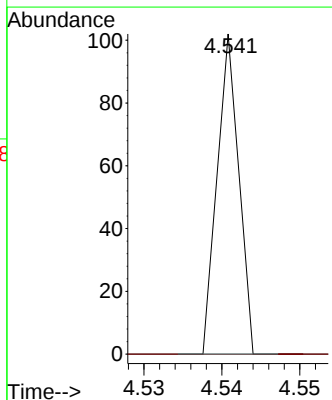
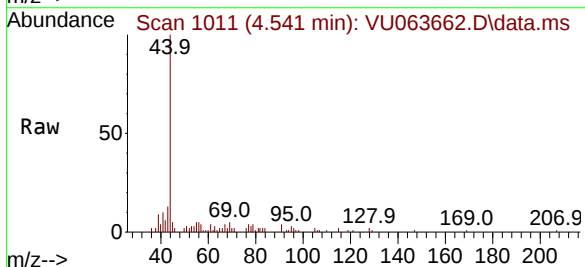
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

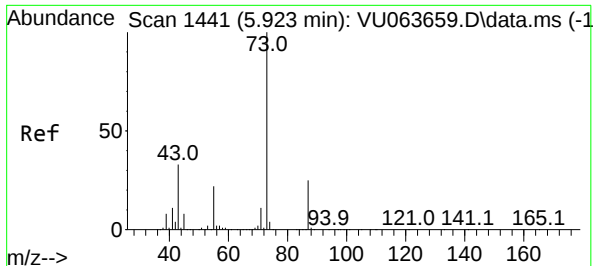
Tgt Ion: 45 Resp: 345
Ion Ratio Lower Upper
45 100
43 62.0 25.3 75.9



#32
Ethyl-t-butyl ether
Concen: 0.000 ug/l
RT: 4.541 min Scan# 1011
Delta R.T. 0.061 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
87 0.0 33.0 49.6#

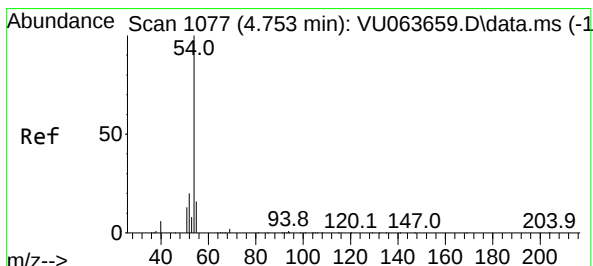
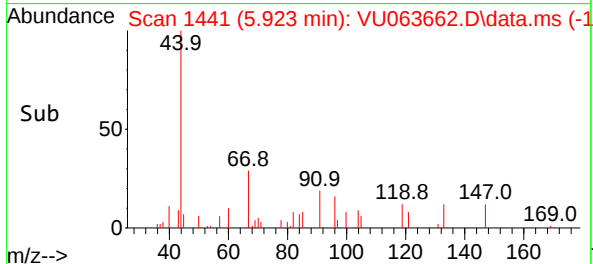
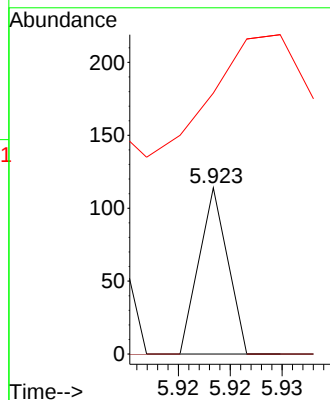
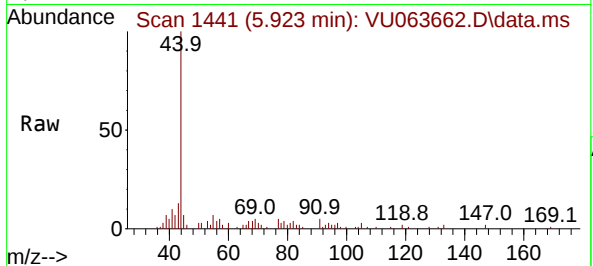




#33
Tert-Amyl methyl ether
Concen: 0.000 ug/l
RT: 5.923 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

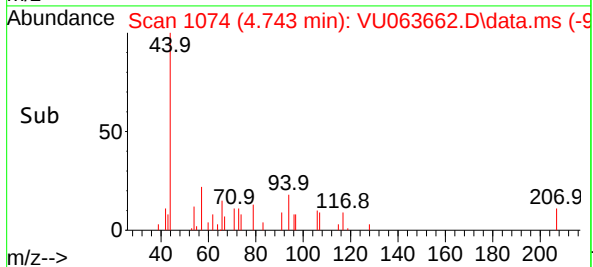
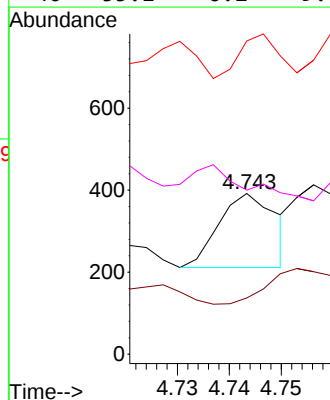
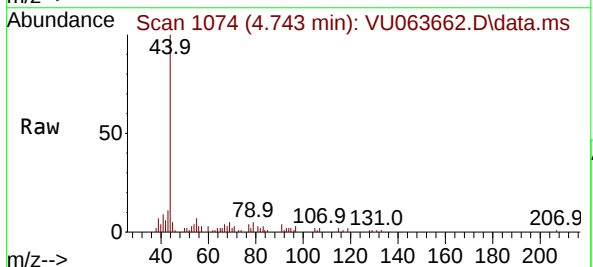
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

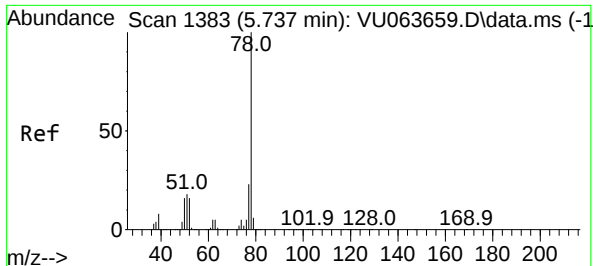
Tgt Ion: 73	Resp: 22
Ion Ratio	Lower Upper
73 100	
87 0.0	20.0 30.0#
71 204.5	9.0 13.4#



#34
Propionitrile
Concen: 0.098 ug/l
RT: 4.743 min Scan# 1074
Delta R.T. -0.010 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt	Ion: 54	Resp:	138
Ion	Ratio	Lower	Upper
54	100		
52	0.0	15.8	23.6#
55	41.3	11.3	16.9#
40	55.1	6.2	9.4#





#35

Benzene

Concen: 0.003 ug/l

RT: 5.804 min Scan# 1404

Delta R.T. 0.067 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Instrument :

MSVOA_U

ClientSampleId :

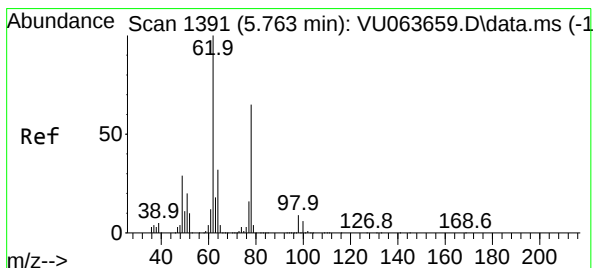
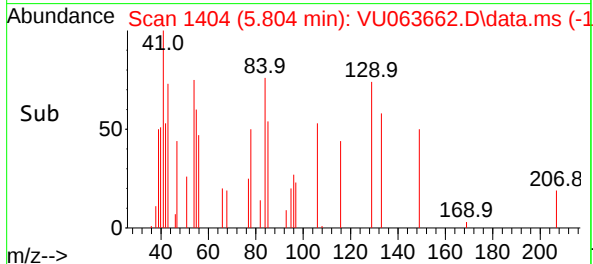
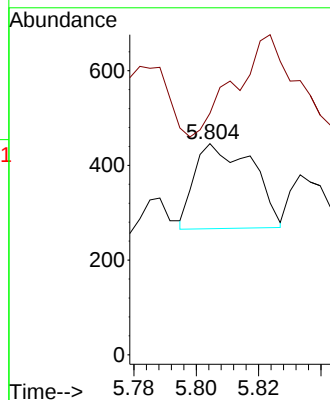
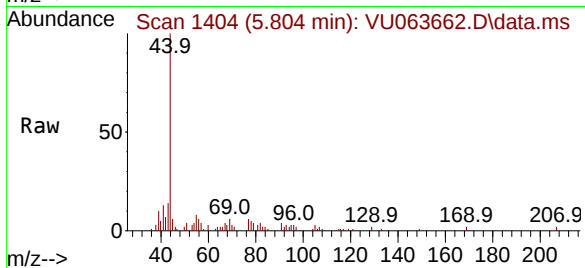
VU1031WBL01

Tgt Ion: 78 Resp: 231

Ion Ratio Lower Upper

78 100

77 18.6 18.3 27.5



#36

1,2-Dichloroethane

Concen: 0.013 ug/l

RT: 5.772 min Scan# 1394

Delta R.T. 0.010 min

Lab File: VU063662.D

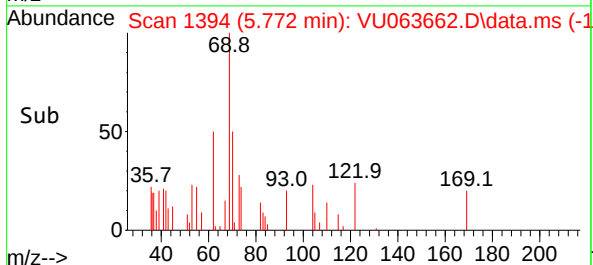
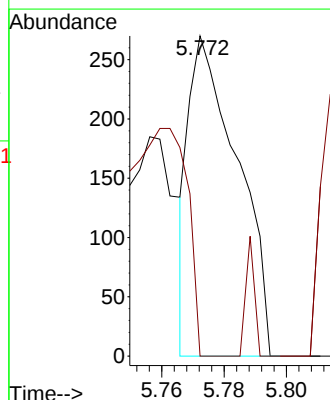
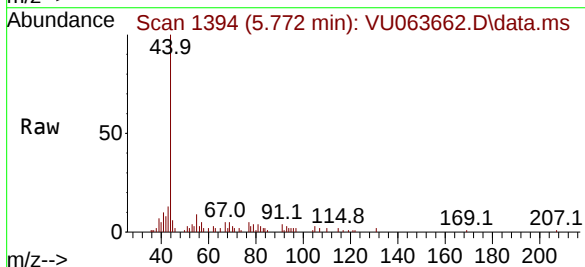
Acq: 31 Oct 2025 15:29

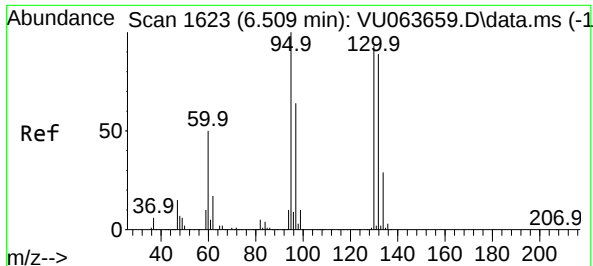
Tgt Ion: 62 Resp: 293

Ion Ratio Lower Upper

62 100

98 6.5 6.8 10.2#





#37

Trichloroethene

Concen: 0.019 ug/l

RT: 6.515 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Instrument :

MSVOA_U

ClientSampleId :

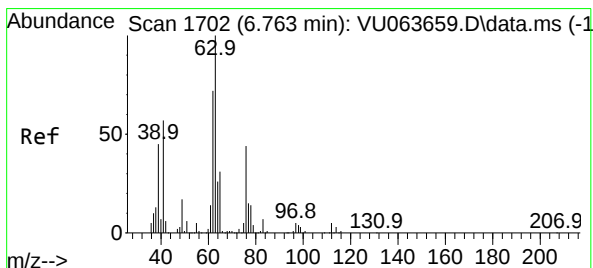
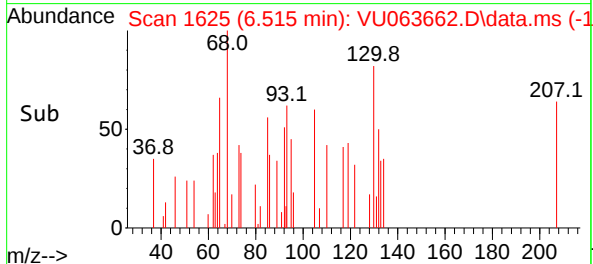
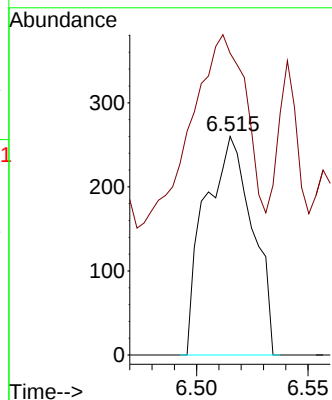
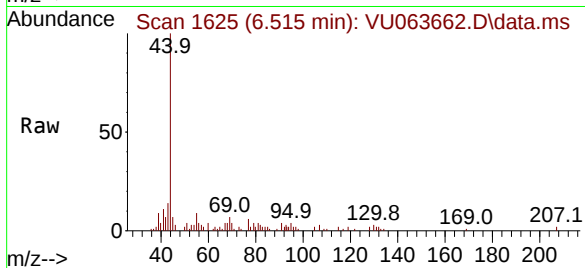
VU1031WBL01

Tgt Ion:130 Resp: 386

Ion Ratio Lower Upper

130 100

95 27.3 86.0 129.0#



#38

1,2-Dichloropropane

Concen: 0.008 ug/l

RT: 6.759 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VU063662.D

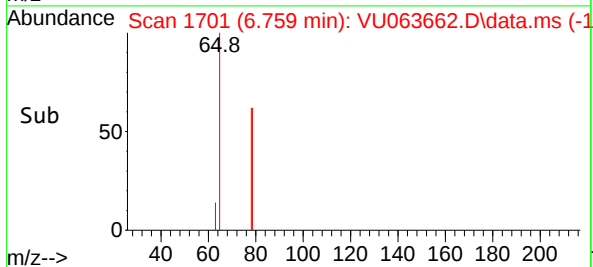
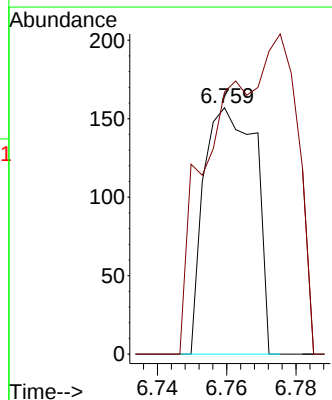
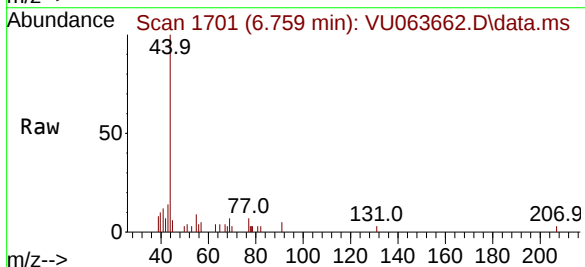
Acq: 31 Oct 2025 15:29

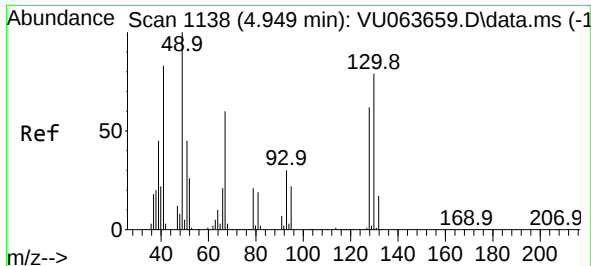
Tgt Ion: 63 Resp: 162

Ion Ratio Lower Upper

63 100

65 106.4 24.5 36.7#





#39

Methacrylonitrile

Concen: 0.049 ug/l

RT: 4.956 min Scan# 1138

Delta R.T. 0.006 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Instrument :

MSVOA_U

ClientSampleId :

VU1031WBL01

Tgt Ion: 41 Resp: 342

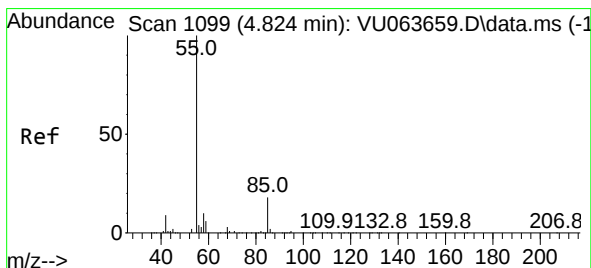
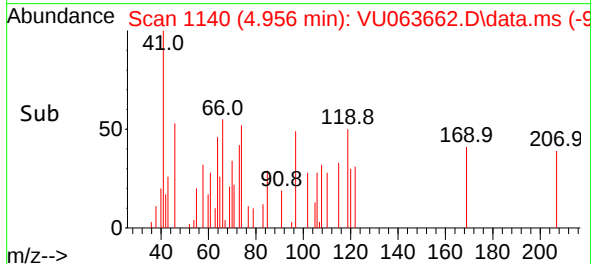
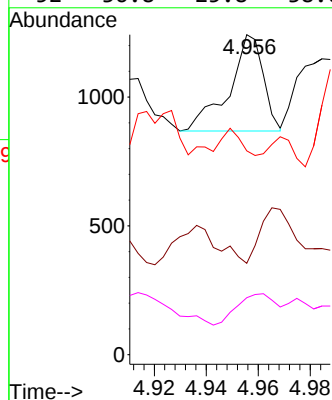
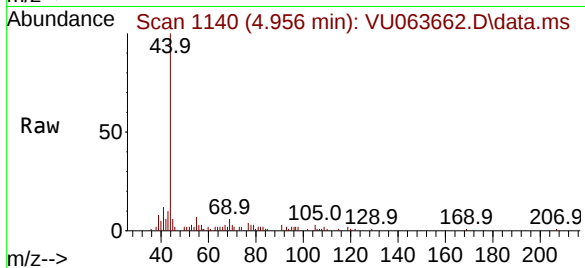
Ion Ratio Lower Upper

41 100

67 83.0 61.4 92.2

39 21.9 46.5 69.7#

52 36.8 25.8 38.6



#40

Methyl acrylate

Concen: 0.013 ug/l

RT: 4.817 min Scan# 1097

Delta R.T. -0.007 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Tgt Ion: 55 Resp: 130

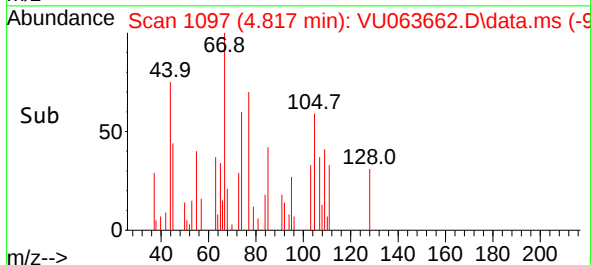
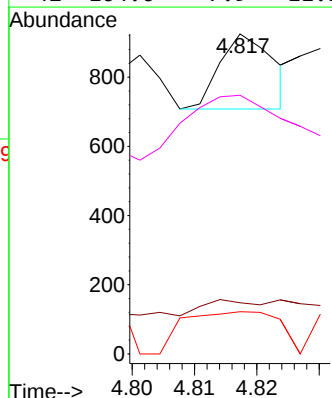
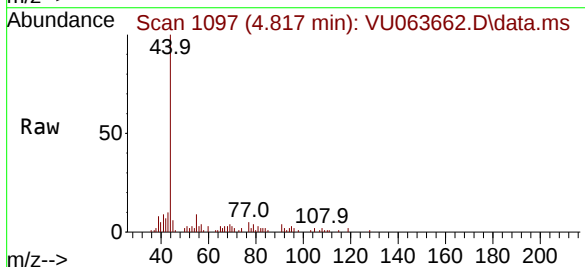
Ion Ratio Lower Upper

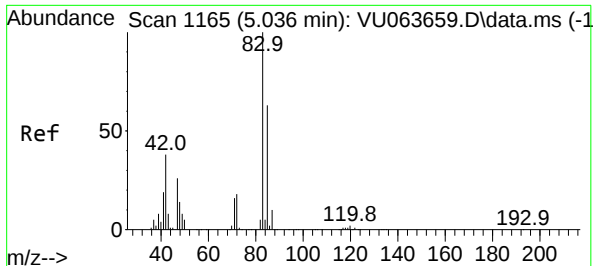
55 100

85 21.5 15.3 22.9

58 100.0 7.7 11.5#

42 164.6 7.9 11.9#





#41

Tetrahydrofuran

Concen: 0.048 ug/l

RT: 5.033 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Instrument :

MSVOA_U

ClientSampleId :

VU1031WBL01

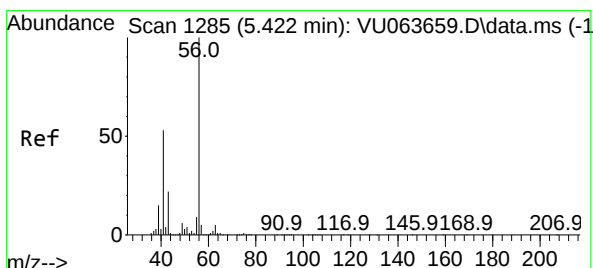
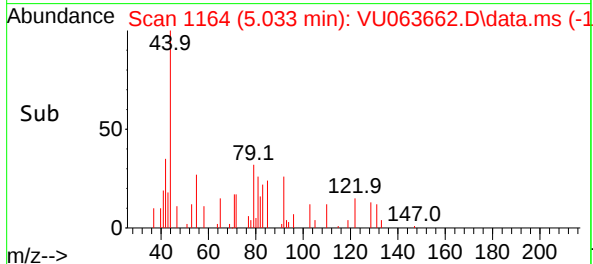
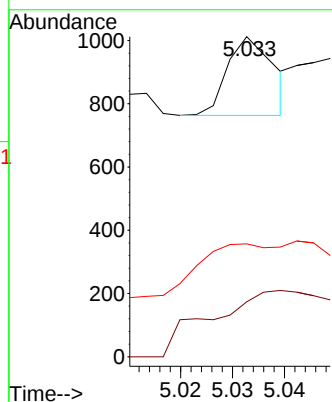
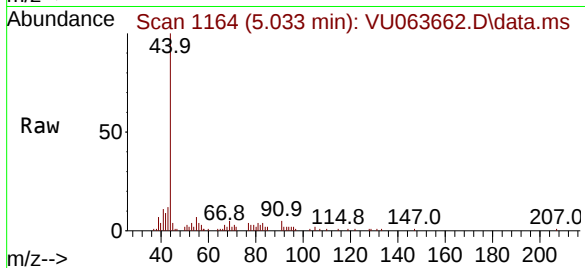
Tgt Ion: 42 Resp: 153

Ion Ratio Lower Upper

42 100

72 226.8 40.5 60.7#

71 348.4 35.0 52.6#



#42

1-Chlorobutane

Concen: 0.007 ug/l

RT: 5.232 min Scan# 1226

Delta R.T. -0.190 min

Lab File: VU063662.D

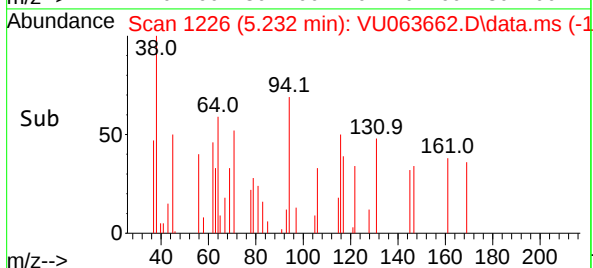
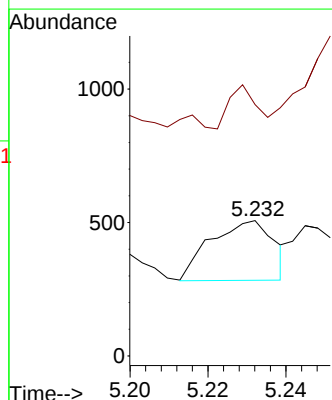
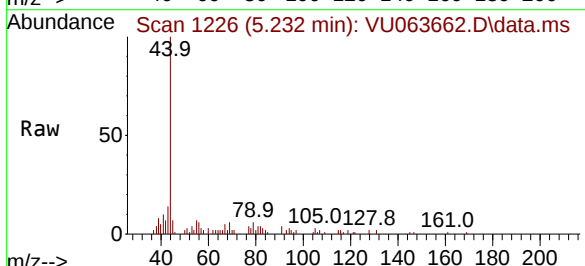
Acq: 31 Oct 2025 15:29

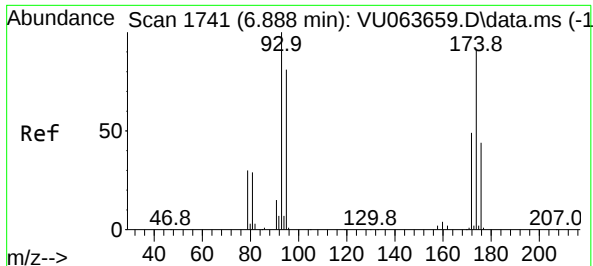
Tgt Ion: 56 Resp: 252

Ion Ratio Lower Upper

56 100

41 31.7 25.9 77.6

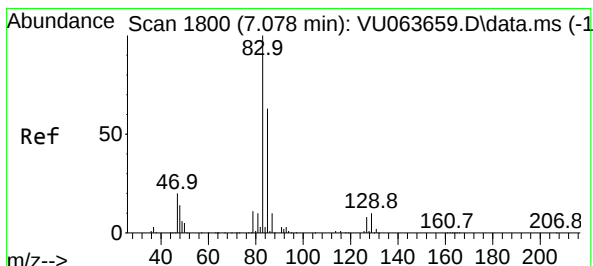
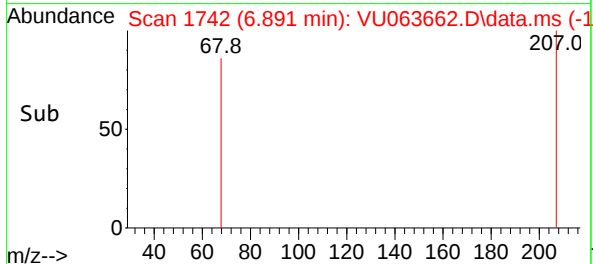
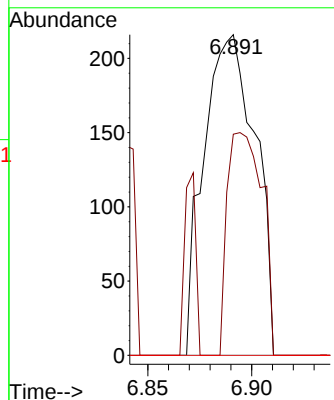
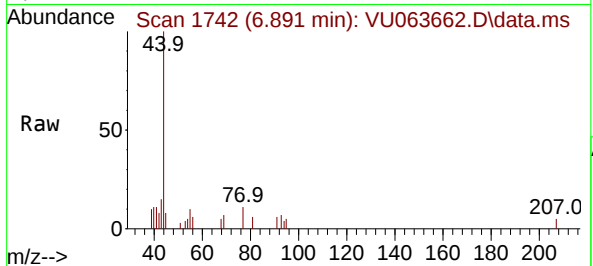




#43
 Dibromomethane
 Concen: 0.035 ug/l
 RT: 6.891 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU063662.D
 Acq: 31 Oct 2025 15:29

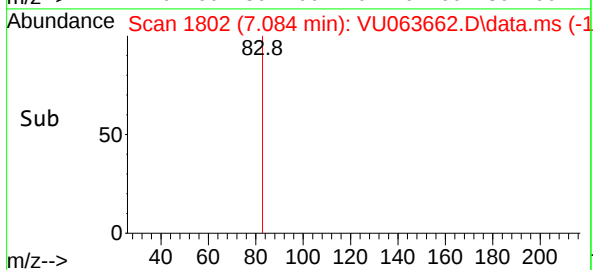
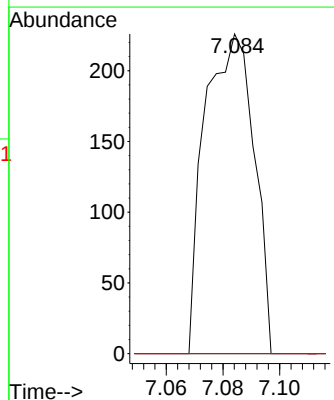
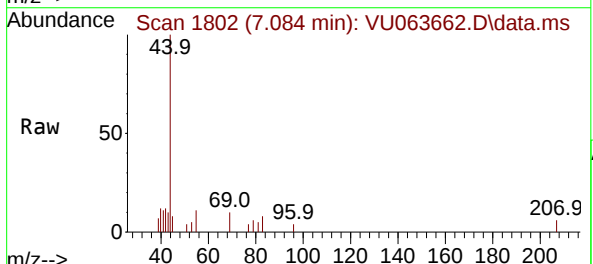
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1031WBL01

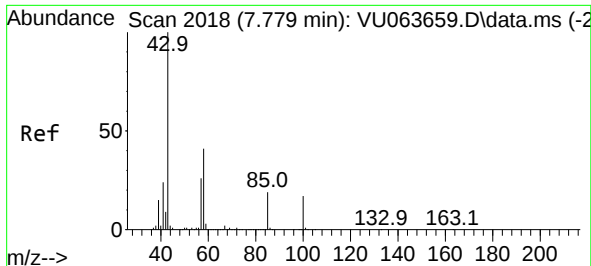
Tgt Ion: 93	Resp:	372	
Ion Ratio	Lower	Upper	
93	100		
95	47.6	64.6	97.0#
174	0.0	73.8	110.8#



#44
 Bromodichloromethane
 Concen: 0.011 ug/l
 RT: 7.084 min Scan# 1802
 Delta R.T. 0.006 min
 Lab File: VU063662.D
 Acq: 31 Oct 2025 15:29

Tgt Ion: 83	Resp:	272	
Ion Ratio	Lower	Upper	
83 100			
85 0.0	50.5	75.7#	
127 0.0	6.4	9.6#	





#45

4-Methyl-2-Pentanone

Concen: 0.093 ug/l

RT: 7.782 min Scan# 2018

Delta R.T. 0.003 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Instrument :

MSVOA_U

ClientSampleId :

VU1031WBL01

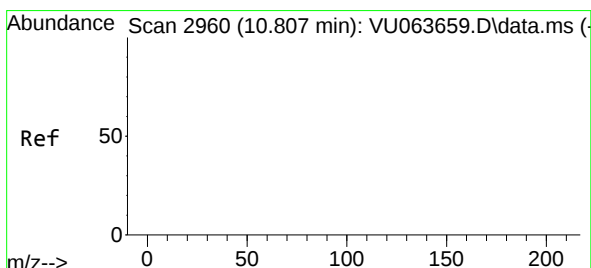
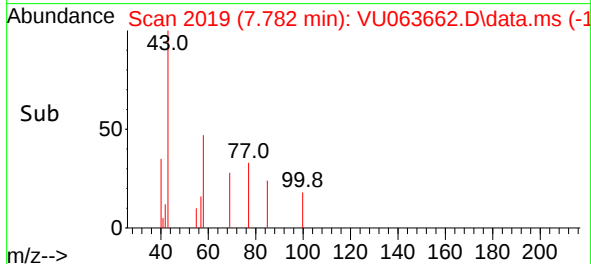
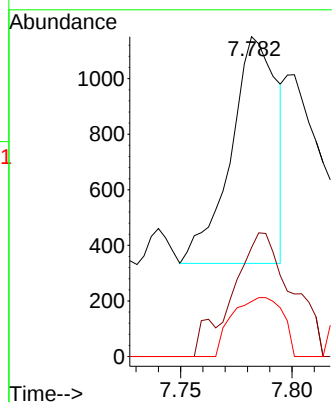
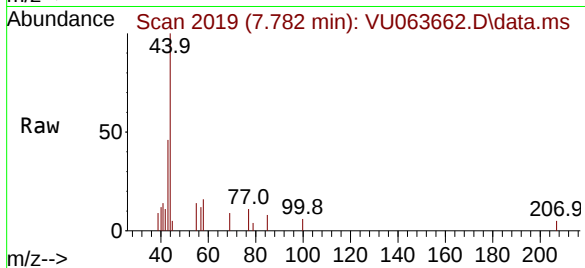
Tgt Ion: 43 Resp: 1177

Ion Ratio Lower Upper

43 100

58 70.1 20.2 60.5#

85 28.4 15.0 22.6#



#46

t-1,4-Dichloro-2-butene

Concen: 0.116 ug/l

RT: 10.804 min Scan# 2959

Delta R.T. -0.003 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Tgt Ion: 75 Resp: 511

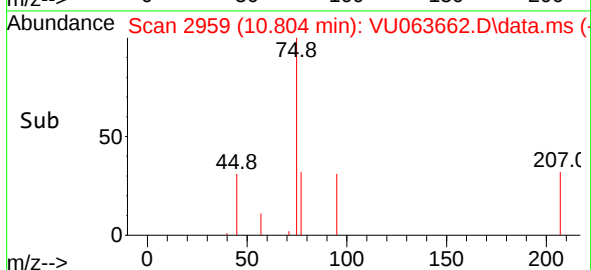
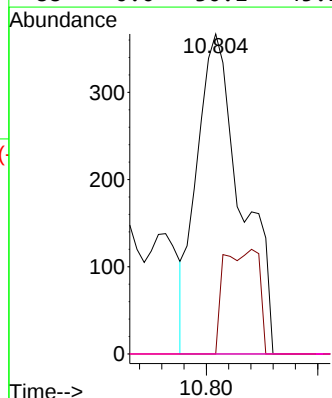
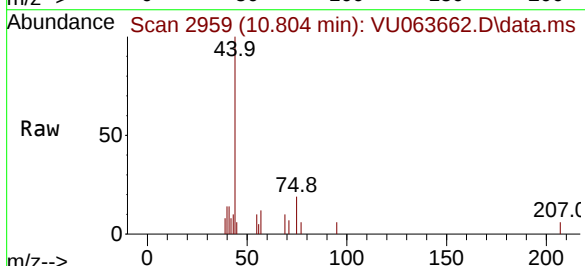
Ion Ratio Lower Upper

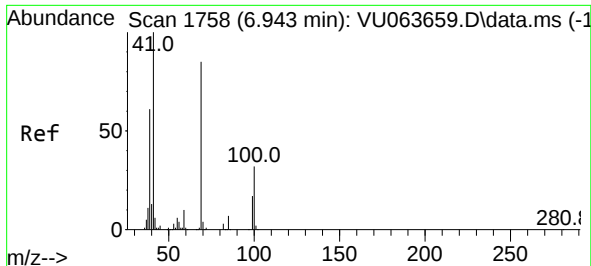
75 100

53 12.5 57.2 85.8#

89 0.0 37.9 56.9#

88 0.0 30.1 45.1#

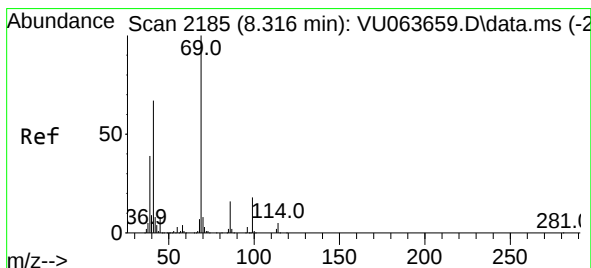
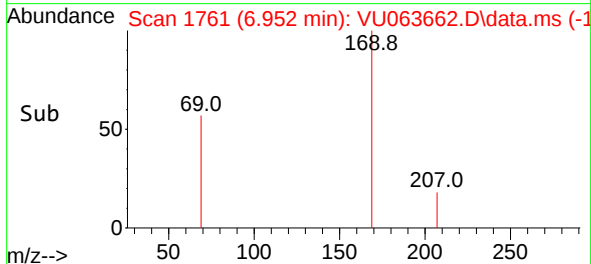
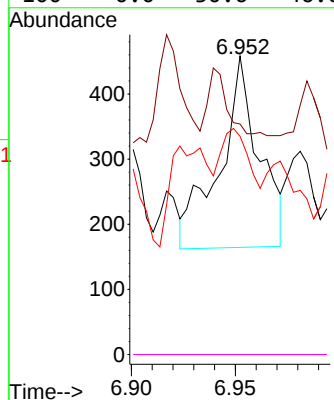
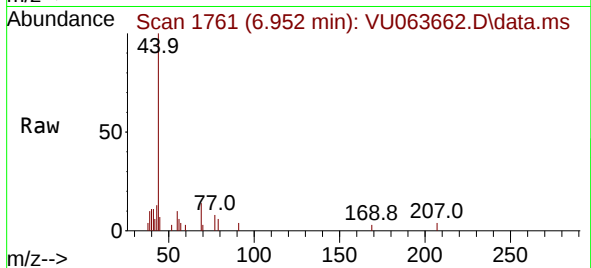




#47
Methyl methacrylate
Concen: 0.040 ug/l
RT: 6.952 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

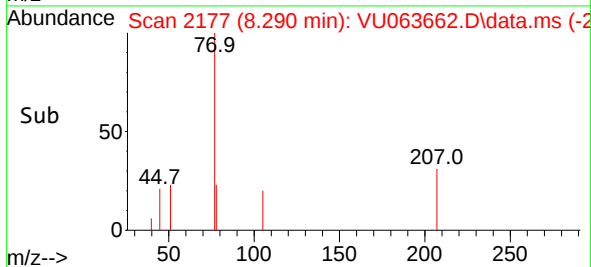
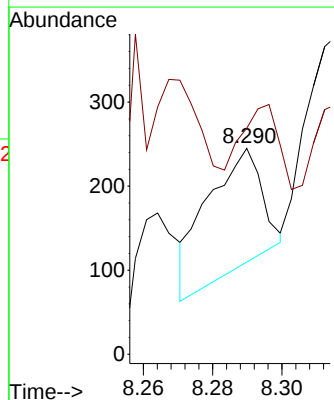
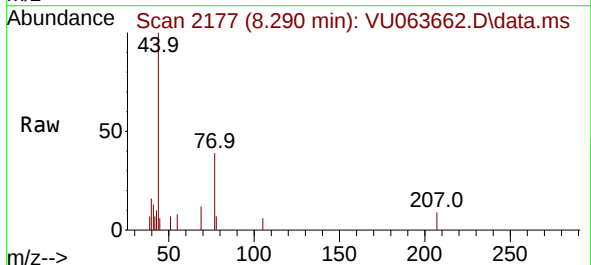
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

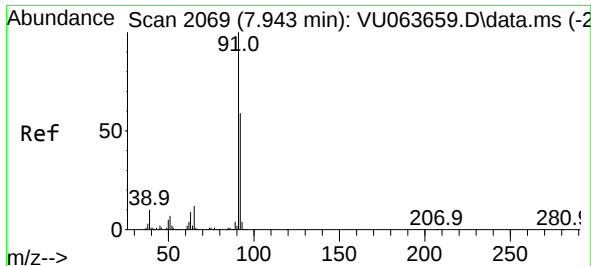
Tgt Ion: 69 Resp: 385
Ion Ratio Lower Upper
69 100
41 52.2 0.0 228.2
39 28.1 56.2 84.4#
100 0.0 30.6 46.0#



#48
Ethyl methacrylate
Concen: 0.008 ug/l
RT: 8.290 min Scan# 2177
Delta R.T. -0.026 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 69 Resp: 160
Ion Ratio Lower Upper
69 100
41 45.6 32.8 98.3





#49

Toluene

Concen: 0.012 ug/l

RT: 7.946 min Scan# 2069

Delta R.T. 0.003 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Instrument :

MSVOA_U

ClientSampleId :

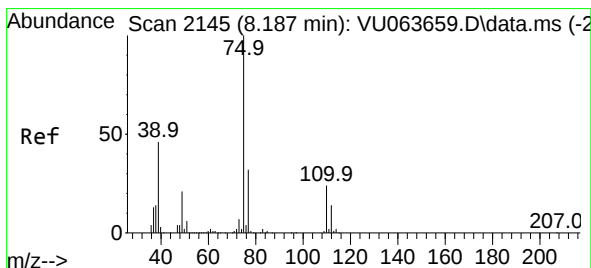
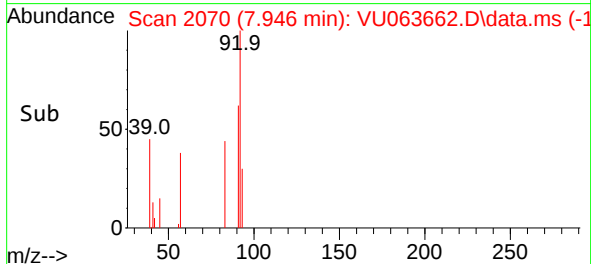
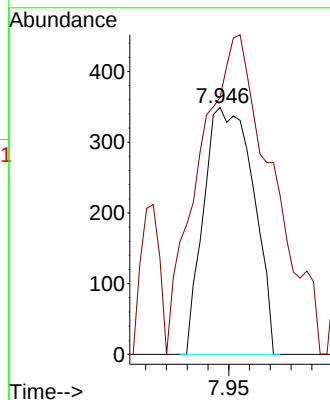
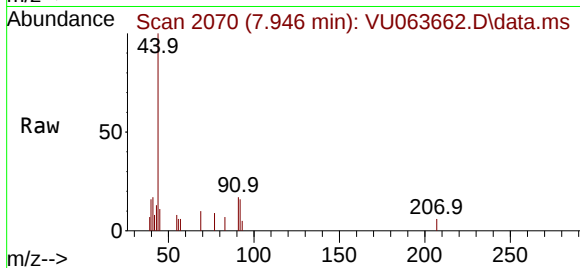
VU1031WBL01

Tgt Ion: 92 Resp: 578

Ion Ratio Lower Upper

92 100

91 190.5 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 0.011 ug/l

RT: 8.184 min Scan# 2144

Delta R.T. -0.003 min

Lab File: VU063662.D

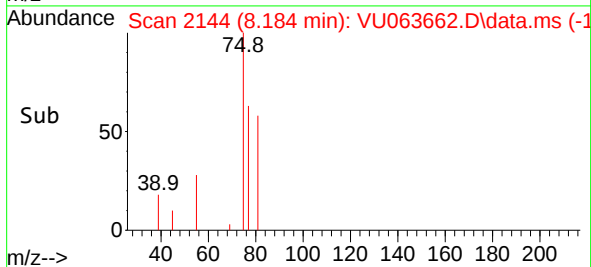
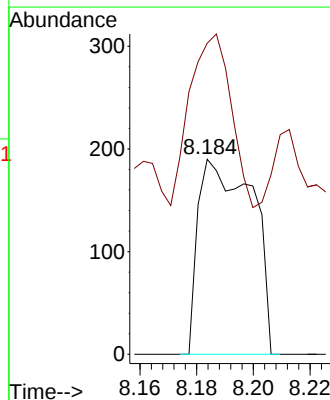
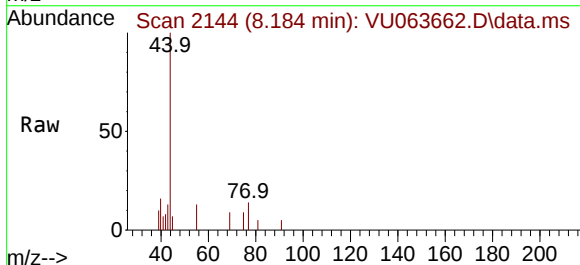
Acq: 31 Oct 2025 15:29

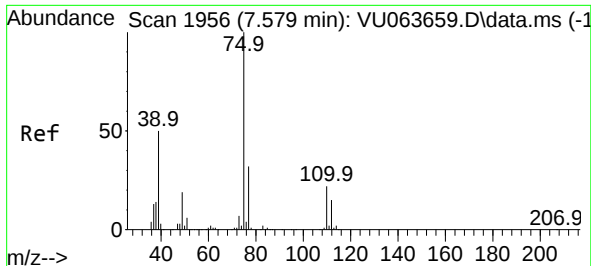
Tgt Ion: 75 Resp: 251

Ion Ratio Lower Upper

75 100

77 58.4 25.8 38.6#





#51

cis-1,3-Dichloropropene

Concen: 0.005 ug/l

RT: 7.589 min Scan# 1956

Delta R.T. 0.010 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Instrument :

MSVOA_U

ClientSampleId :

VU1031WBL01

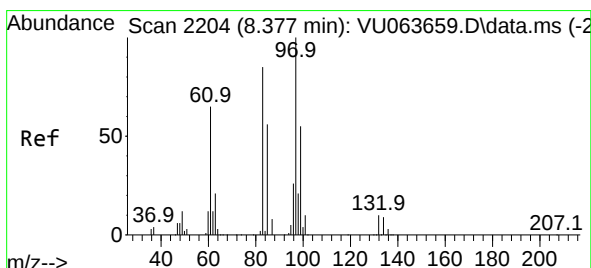
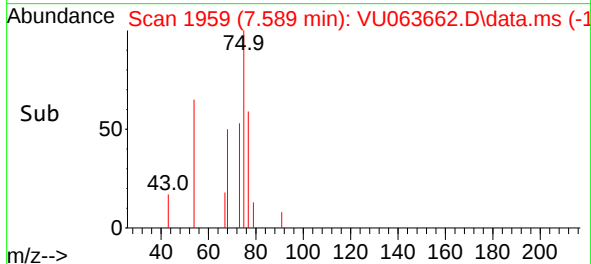
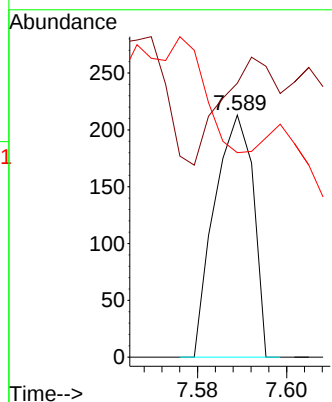
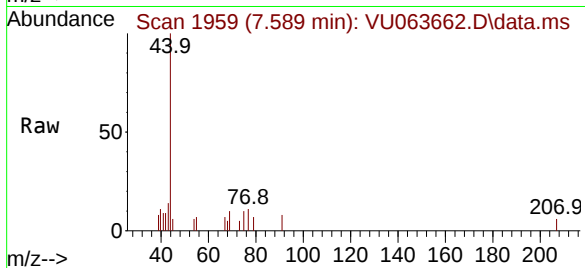
Tgt Ion: 75 Resp: 128

Ion Ratio Lower Upper

75 100

77 30.0 25.5 38.3

39 102.8 39.9 59.9#



#52

1,1,2-Trichloroethane

Concen: 0.003 ug/l

RT: 8.370 min Scan# 2202

Delta R.T. -0.007 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Tgt Ion: 97 Resp: 48

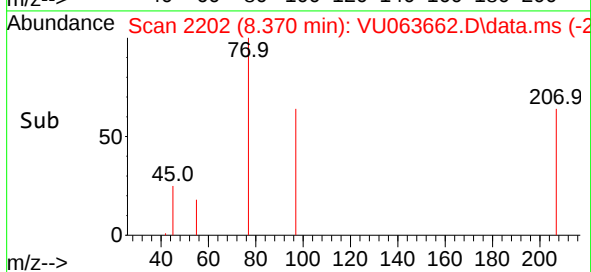
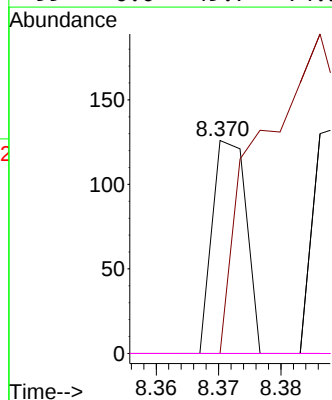
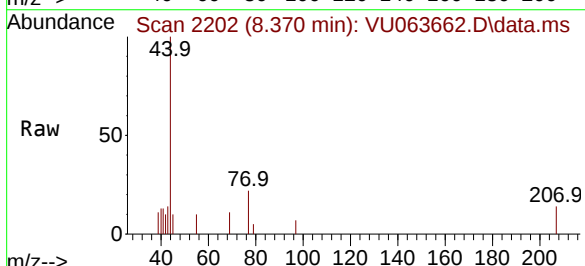
Ion Ratio Lower Upper

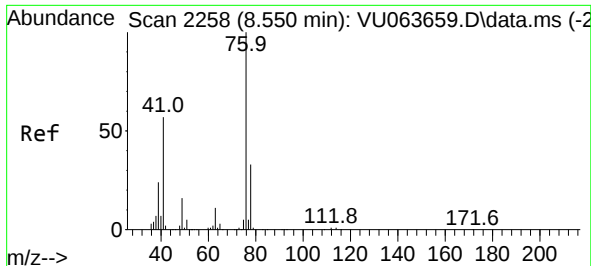
97 100

83 0.0 68.3 102.5#

85 0.0 45.3 67.9#

99 0.0 49.7 74.5#

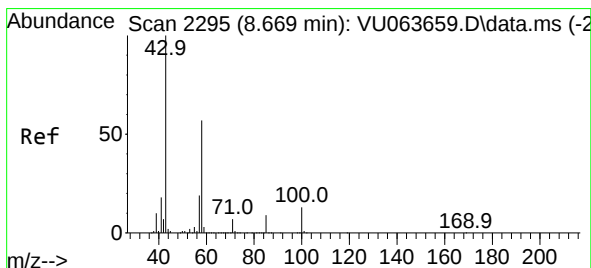
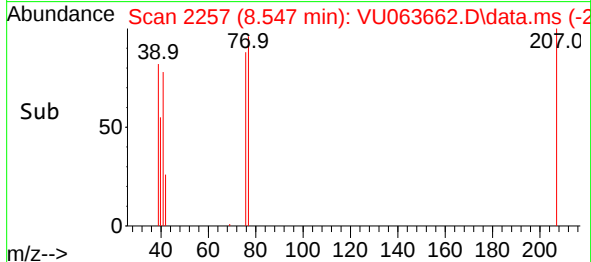
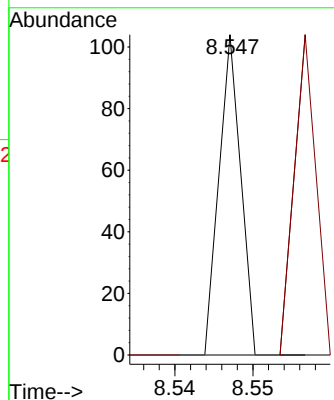
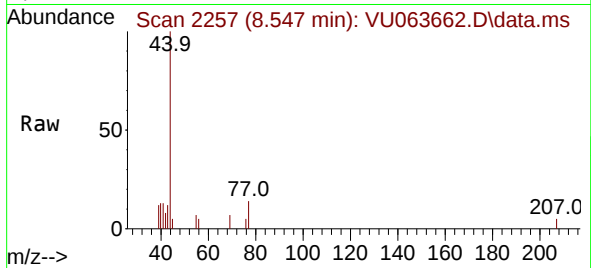




#53
1,3-Dichloropropane
Concen: 0.001 ug/l
RT: 8.547 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

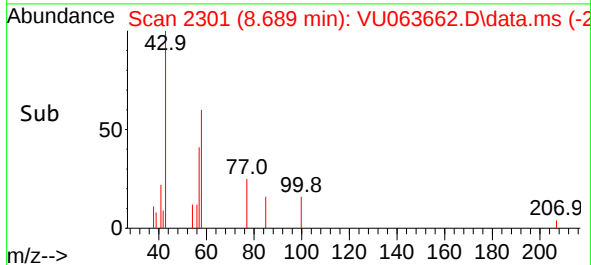
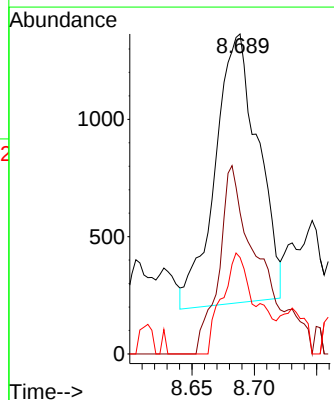
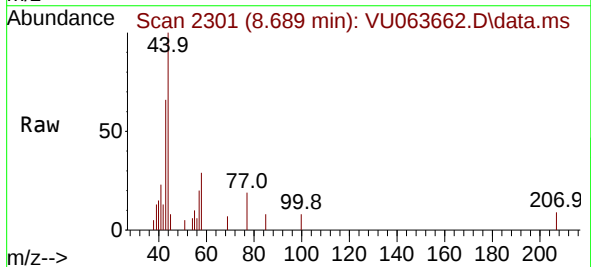
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

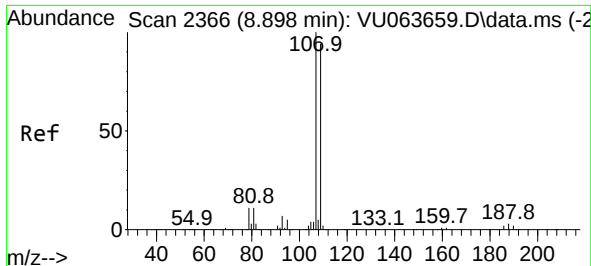
Tgt Ion: 76 Resp: 20
Ion Ratio Lower Upper
76 100
78 100.0 25.8 38.6#



#54
2-Hexanone
Concen: 0.256 ug/l
RT: 8.689 min Scan# 2301
Delta R.T. 0.019 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 43 Resp: 2746
Ion Ratio Lower Upper
43 100
58 67.0 36.3 76.3
57 30.2 0.0 39.7

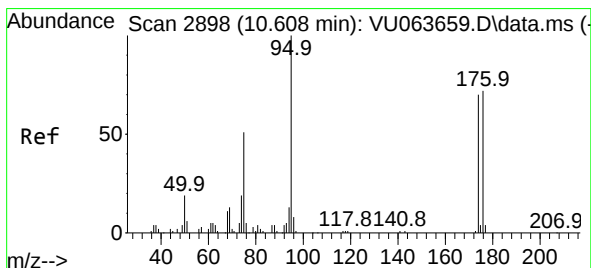
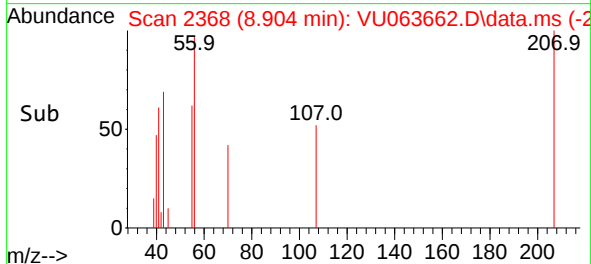
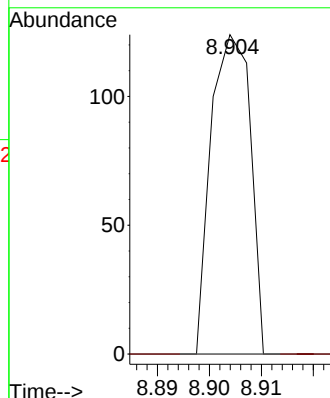
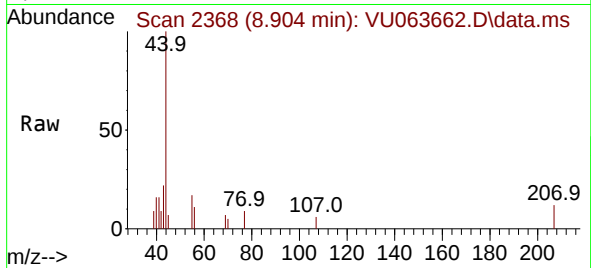




#56
1,2-Dibromoethane
Concen: 0.005 ug/l
RT: 8.904 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

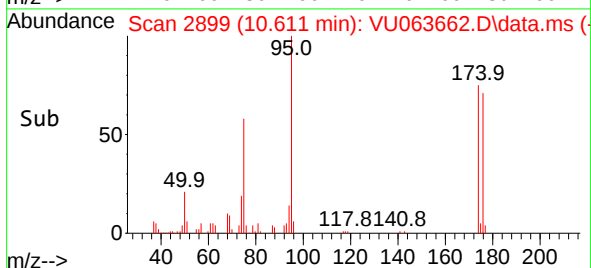
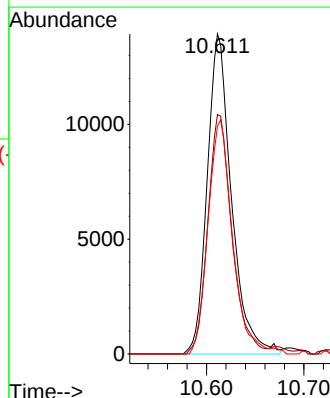
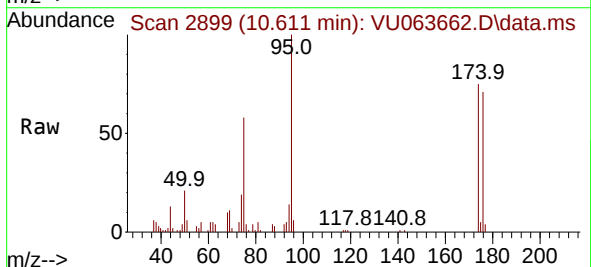
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

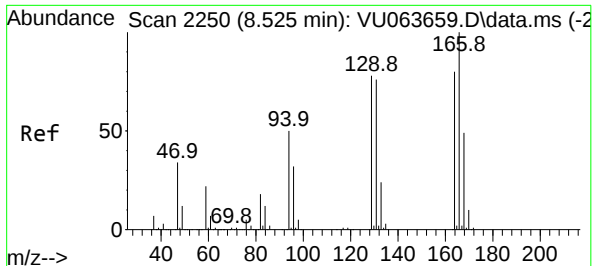
Tgt Ion:107 Resp: 65
Ion Ratio Lower Upper
107 100
109 29.2 0.0 188.0



#57
4-Bromofluorobenzene
Concen: 0.917 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

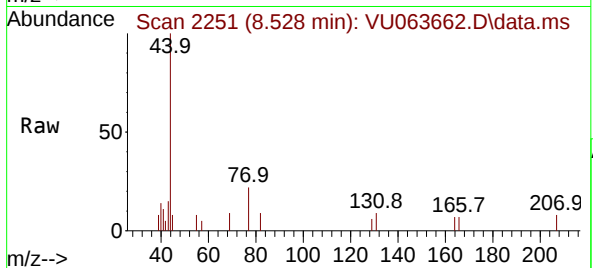
Tgt Ion: 95 Resp: 24052
Ion Ratio Lower Upper
95 100
174 74.4 59.9 89.9
176 74.2 58.8 88.2



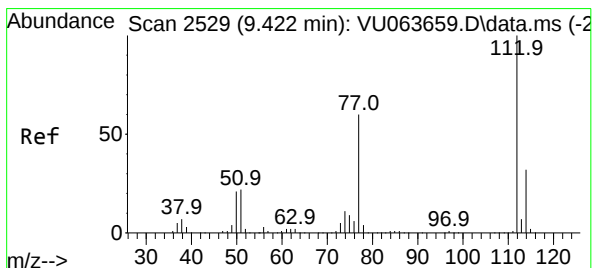
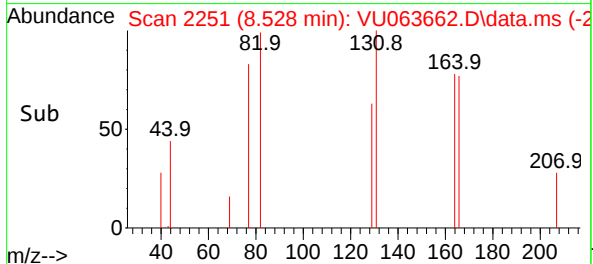
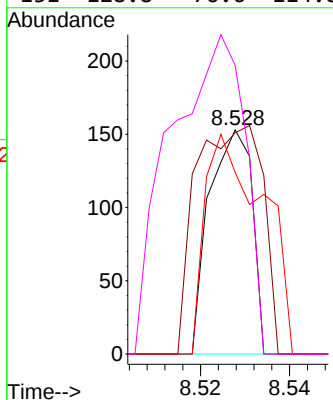


#58
Tetrachloroethene
Concen: 0.005 ug/l
RT: 8.528 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

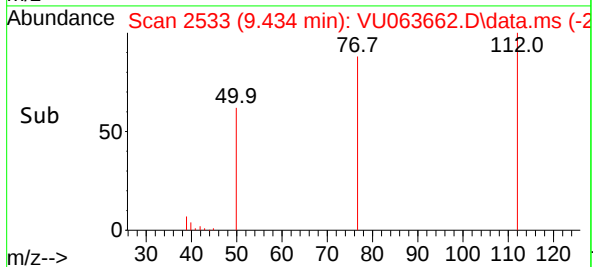
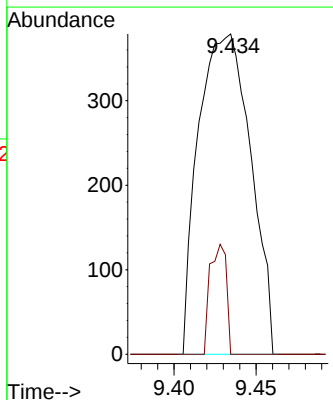
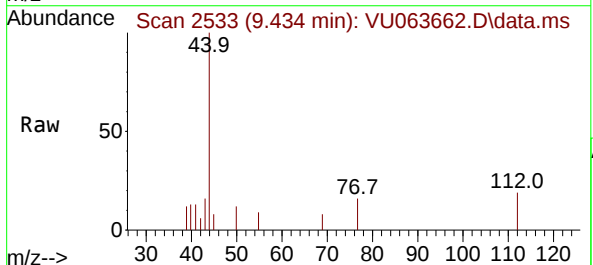


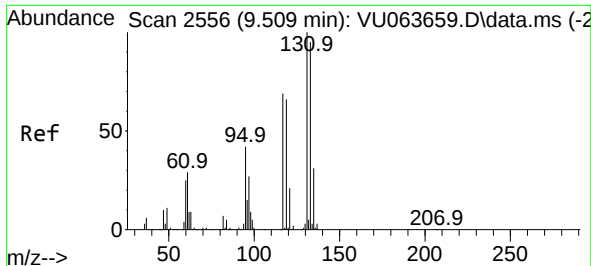
Tgt Ion:164 Resp: 101
Ion Ratio Lower Upper
164 100
166 98.7 100.1 150.1#
129 81.0 77.6 116.4
131 128.8 76.6 114.8#



#59
Chlorobenzene
Concen: 0.016 ug/l
RT: 9.434 min Scan# 2533
Delta R.T. 0.013 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion:112 Resp: 837
Ion Ratio Lower Upper
112 100
114 0.0 26.0 39.0#

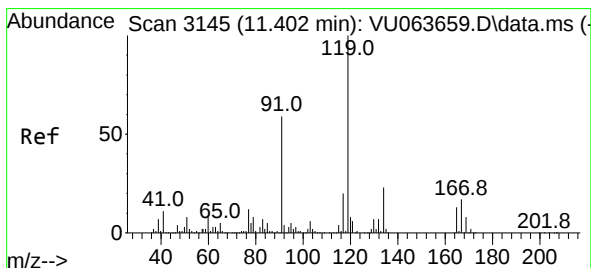
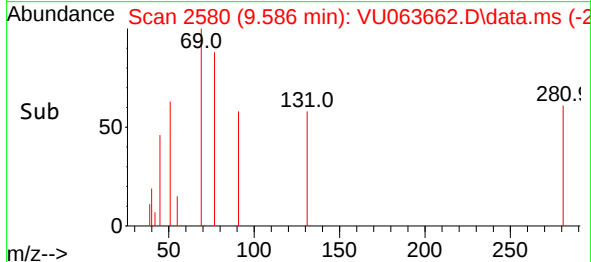
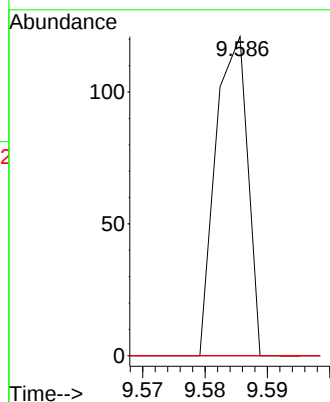
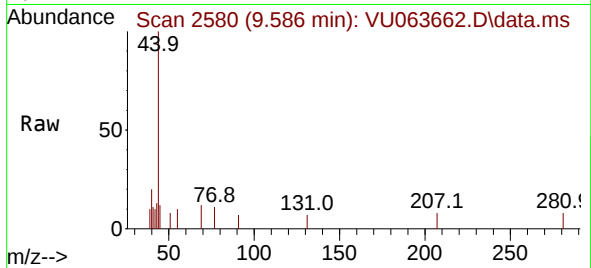




#60
1,1,1,2-Tetrachloroethane
Concen: 0.002 ug/l
RT: 9.586 min Scan# 21
Delta R.T. 0.077 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

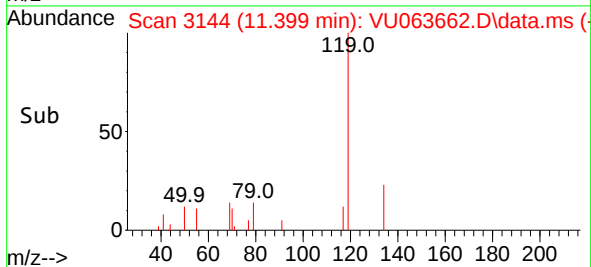
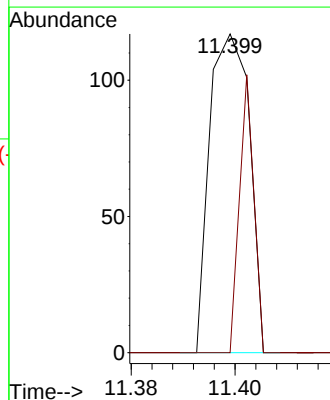
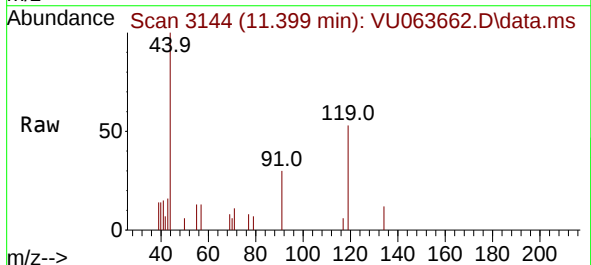
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

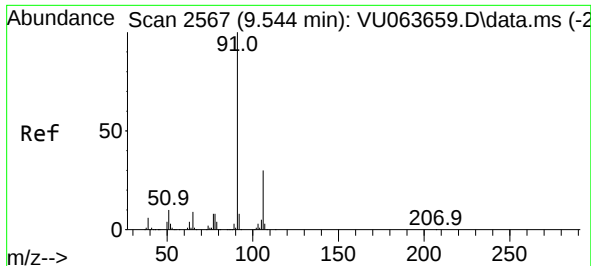
Tgt Ion:131 Resp: 43
Ion Ratio Lower Upper
131 100
133 0.0 77.0 115.6#
119 44.2 52.8 79.2#



#61
Pentachloroethane
Concen: 0.005 ug/l
RT: 11.399 min Scan# 3144
Delta R.T. -0.003 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion:117 Resp: 62
Ion Ratio Lower Upper
117 100
167 32.3 62.8 94.2#

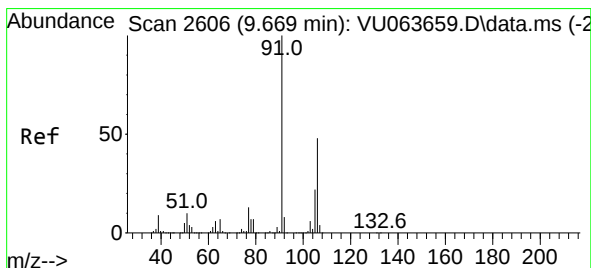
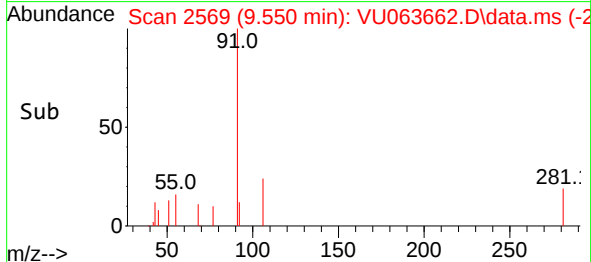
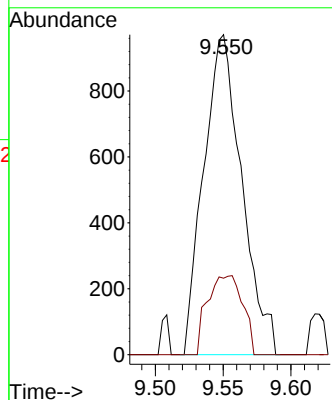
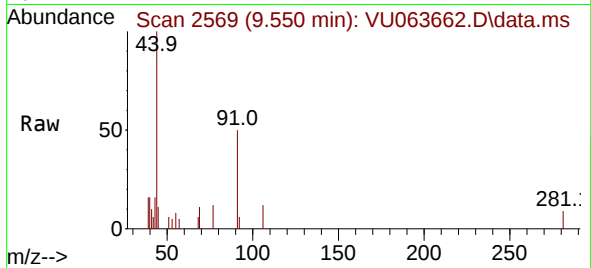




#63
Ethyl Benzene
Concen: 0.020 ug/l
RT: 9.550 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

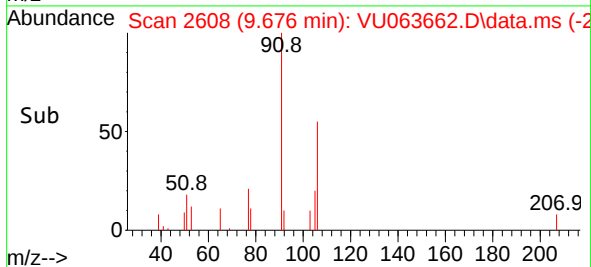
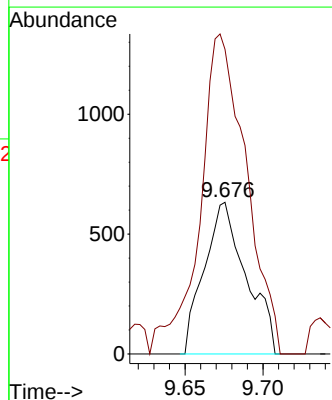
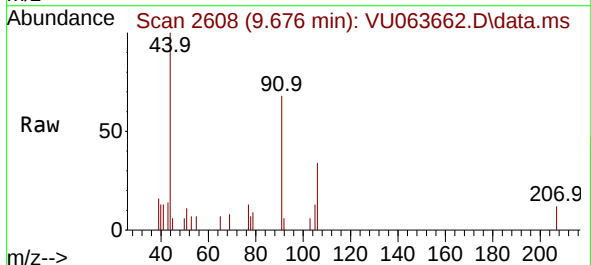
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

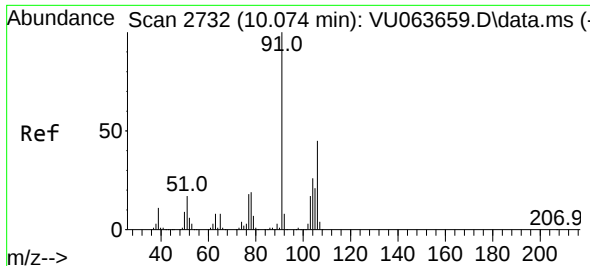
Tgt Ion: 91 Resp: 1900
Ion Ratio Lower Upper
91 100
106 23.9 24.1 36.1#



#64
m/p-Xylenes
Concen: 0.033 ug/l
RT: 9.676 min Scan# 2608
Delta R.T. 0.006 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion:106 Resp: 1185
Ion Ratio Lower Upper
106 100
91 232.2 167.0 250.4

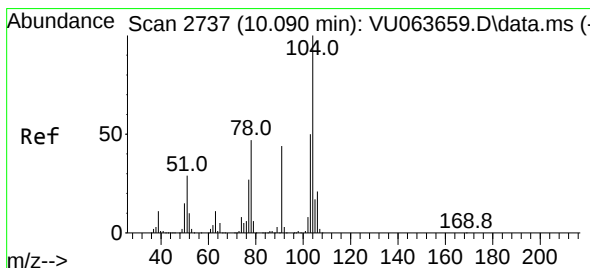
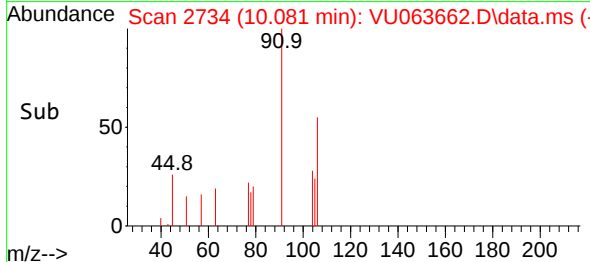
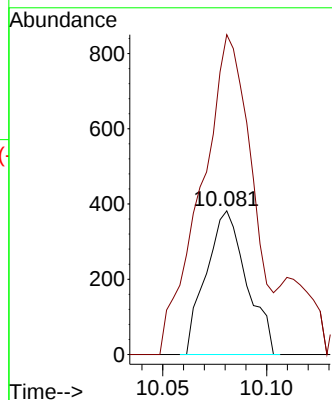
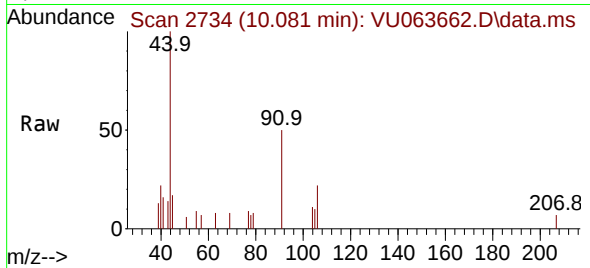




#65
o-Xylene
Concen: 0.015 ug/l
RT: 10.081 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

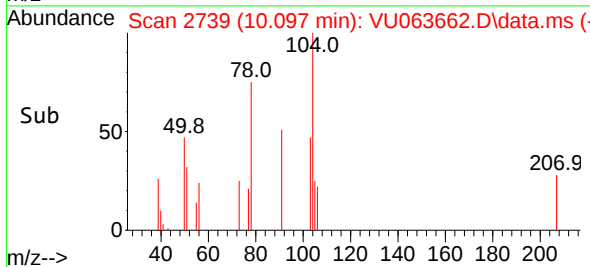
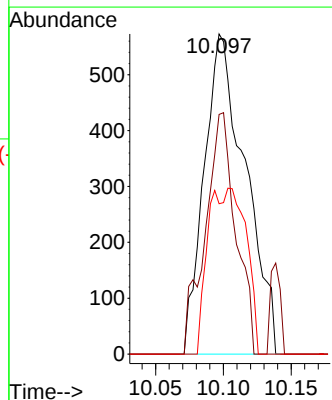
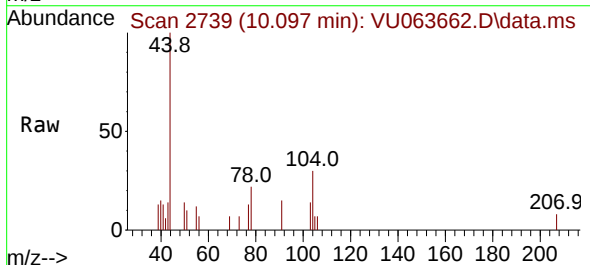
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

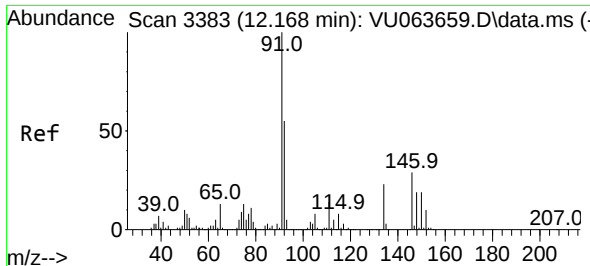
Tgt Ion:106 Resp: 517
Ion Ratio Lower Upper
106 100
91 278.7 109.3 327.9



#66
Styrene
Concen: 0.021 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion:104 Resp: 1211
Ion Ratio Lower Upper
104 100
78 56.0 42.8 64.2
103 17.8 43.9 65.9#

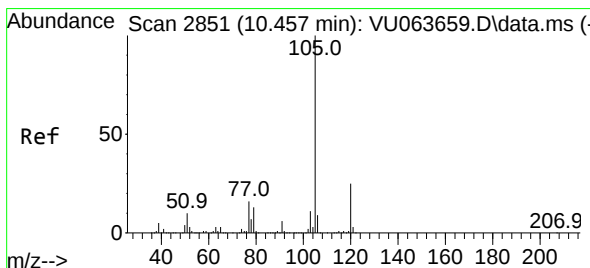
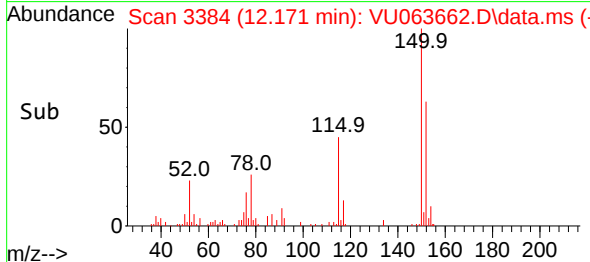
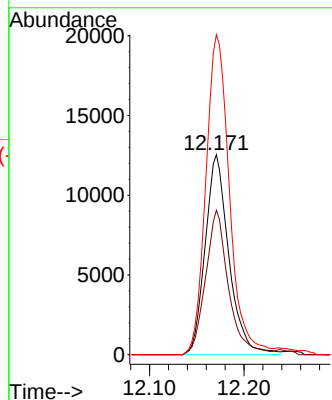
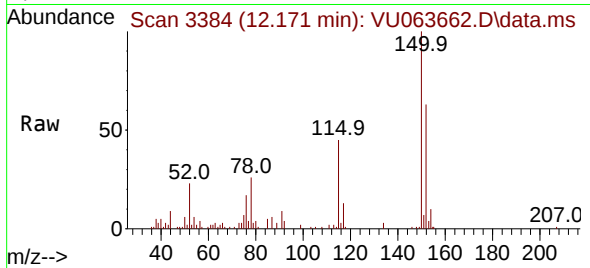




#68
1,2-Dichlorobenzene-d4
Concen: 0.931 ug/l
RT: 12.171 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

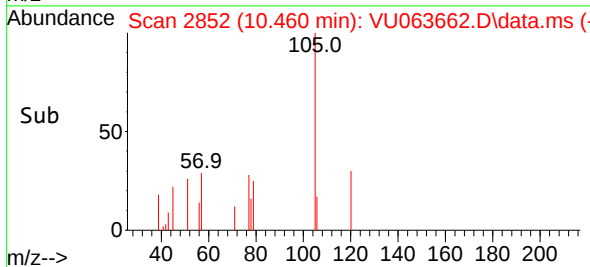
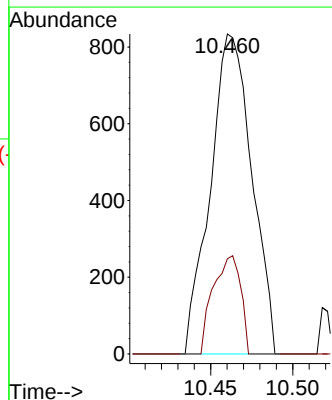
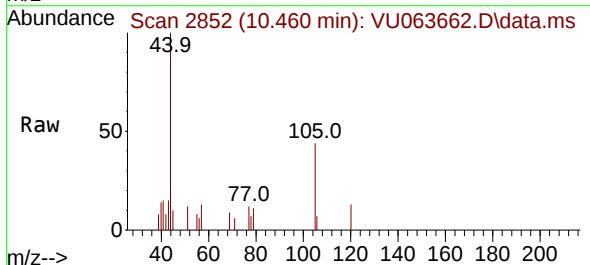
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

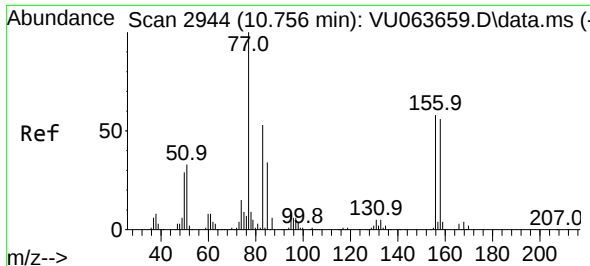
Tgt Ion:152 Resp: 21876
Ion Ratio Lower Upper
152 100
115 69.7 0.0 247.2
150 159.0 0.0 643.6



#69
Isopropylbenzene
Concen: 0.017 ug/l
RT: 10.460 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion:105 Resp: 1466
Ion Ratio Lower Upper
105 100
120 20.3 12.9 38.6

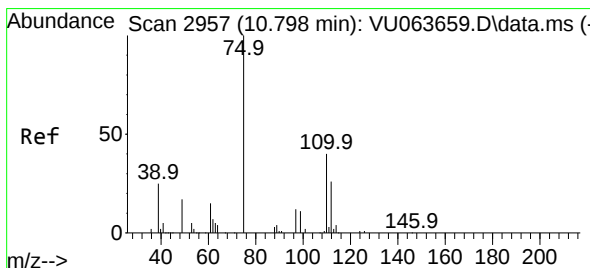
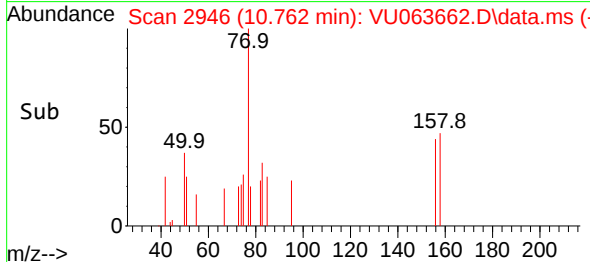
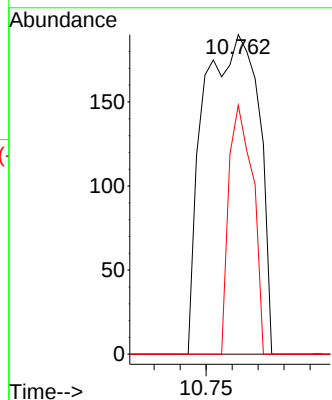
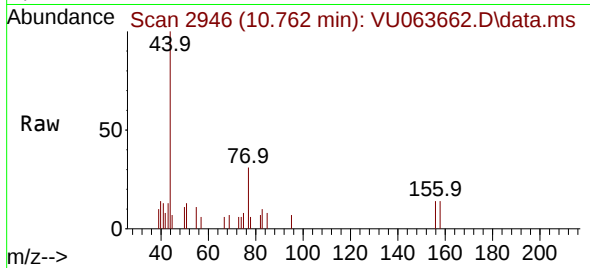




#70
 1,1,2,2-Tetrachloroethane
 Concen: 0.016 ug/l
 RT: 10.762 min Scan# 2946
 Delta R.T. 0.006 min
 Lab File: VU063662.D
 Acq: 31 Oct 2025 15:29

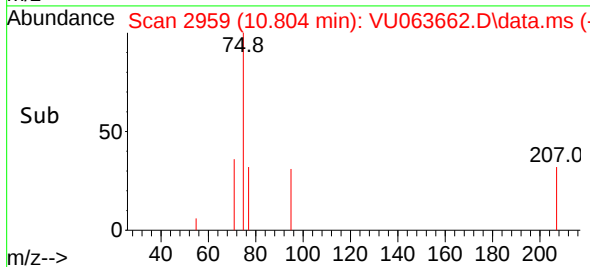
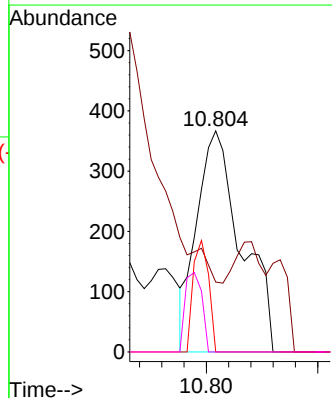
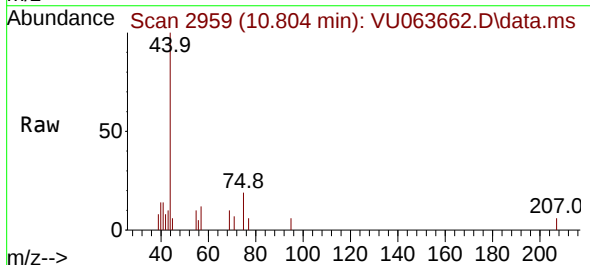
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1031WBL01

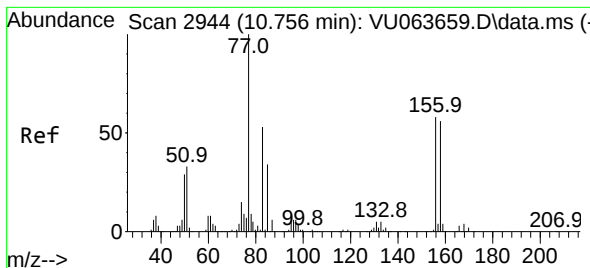
Tgt Ion: 83 Resp: 281
 Ion Ratio Lower Upper
 83 100
 131 0.0 8.1 12.1#
 85 33.5 51.0 76.6#



#71
 1,2,3-Trichloropropane
 Concen: 0.033 ug/l
 RT: 10.804 min Scan# 2959
 Delta R.T. 0.006 min
 Lab File: VU063662.D
 Acq: 31 Oct 2025 15:29

Tgt Ion: 75 Resp: 511
 Ion Ratio Lower Upper
 75 100
 77 10.8 0.0 0.0#
 110 17.6 0.0 66.4
 97 13.5 0.0 33.2





#72

Bromobenzene

Concen: 0.018 ug/l

RT: 10.762 min Scan# 2944

Delta R.T. 0.006 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

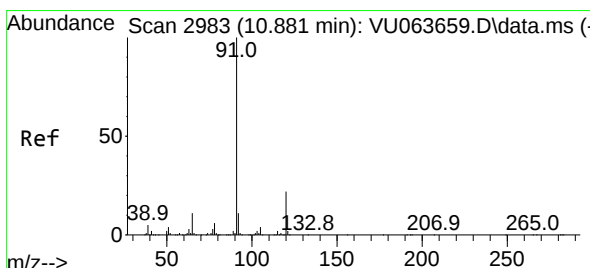
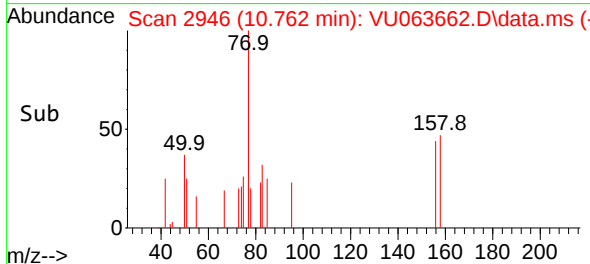
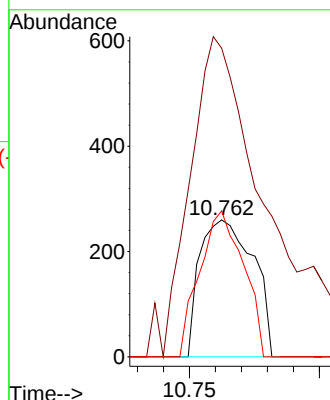
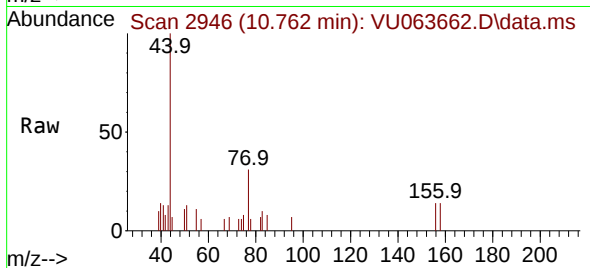
Instrument :

MSVOA_U

ClientSampleId :

VU1031WBL01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	338.1	0.0	337.2#
158	87.8	0.0	191.8



#73

n-propylbenzene

Concen: 0.036 ug/l

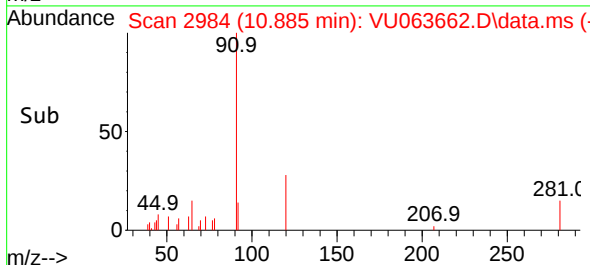
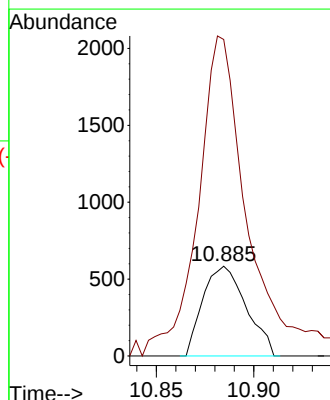
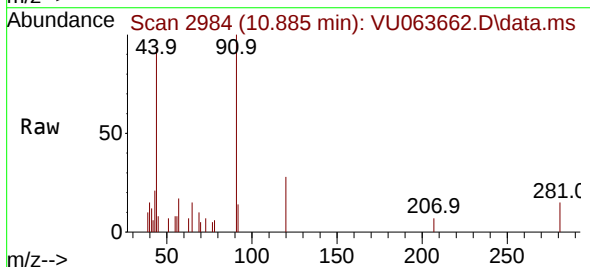
RT: 10.885 min Scan# 2984

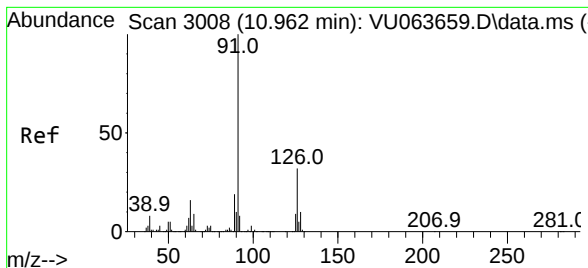
Delta R.T. 0.003 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Tgt Ion	Ratio	Lower	Upper
120	100		
91	405.9	361.4	542.2





#74

2-Chlorotoluene

Concen: 0.017 ug/l

RT: 10.968 min Scan# 3008

Delta R.T. 0.006 min

Lab File: VU063662.D

Acq: 31 Oct 2025 15:29

Instrument :

MSVOA_U

ClientSampleId :

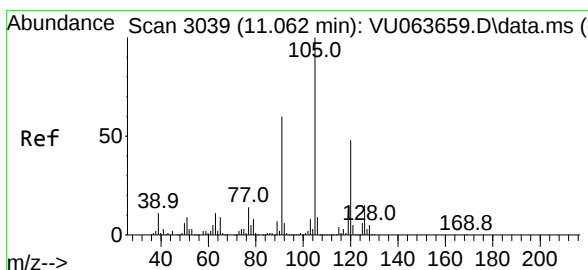
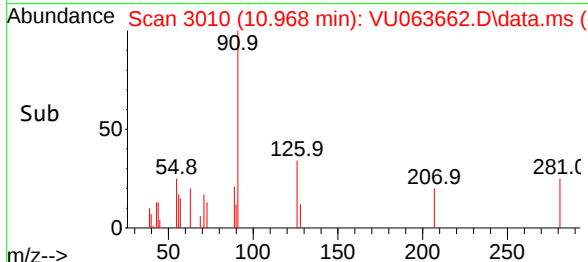
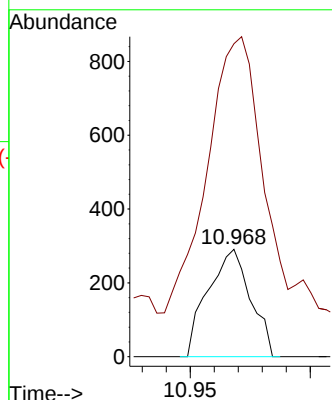
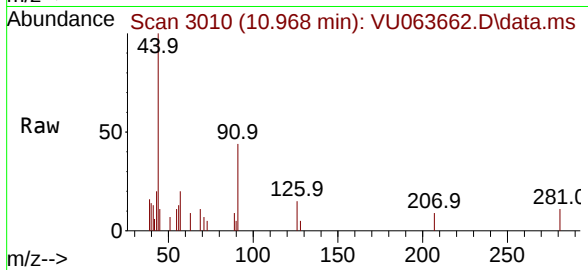
VU1031WBL01

Tgt Ion:126 Resp: 360

Ion Ratio Lower Upper

126 100

91 481.7 0.0 634.8



#75

1,3,5-Trimethylbenzene

Concen: 0.019 ug/l

RT: 11.068 min Scan# 3041

Delta R.T. 0.006 min

Lab File: VU063662.D

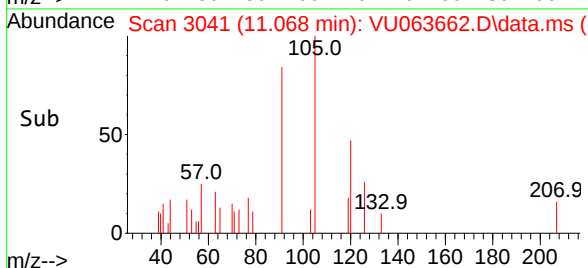
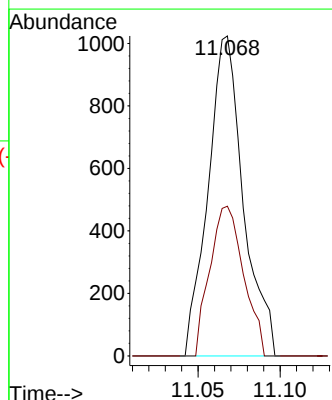
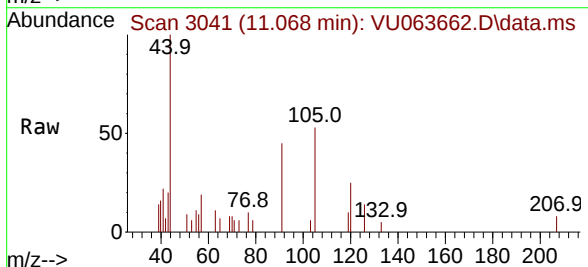
Acq: 31 Oct 2025 15:29

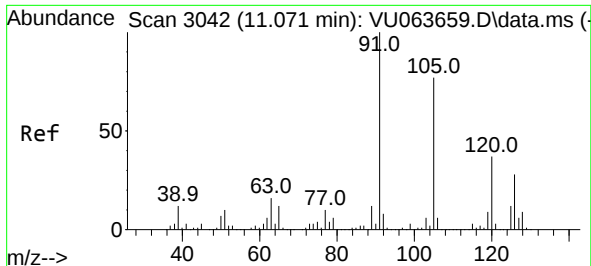
Tgt Ion:105 Resp: 1529

Ion Ratio Lower Upper

105 100

120 44.7 38.2 57.2

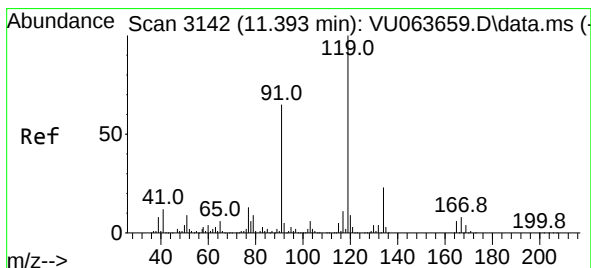
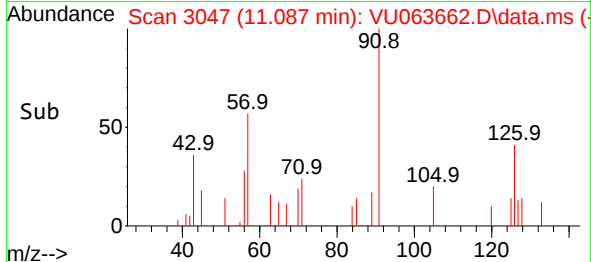
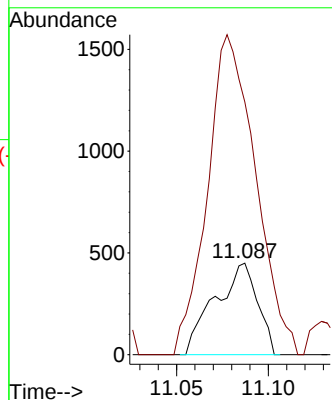
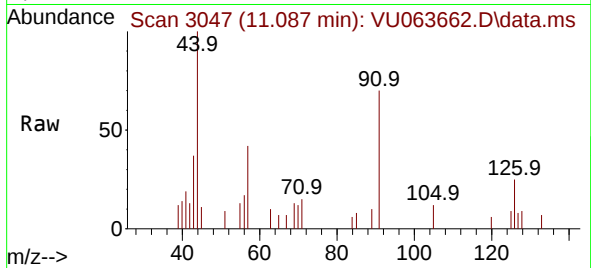




#76
4-Chlorotoluene
Concen: 0.034 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.016 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

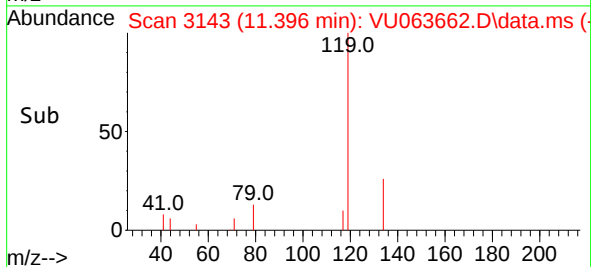
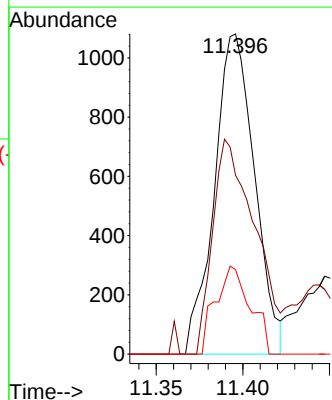
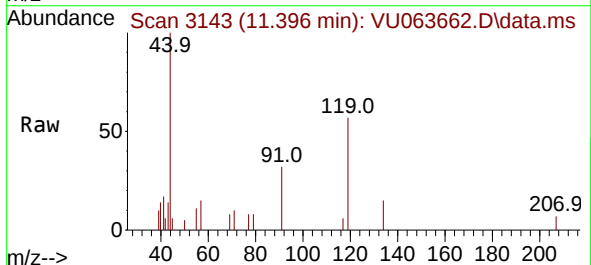
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

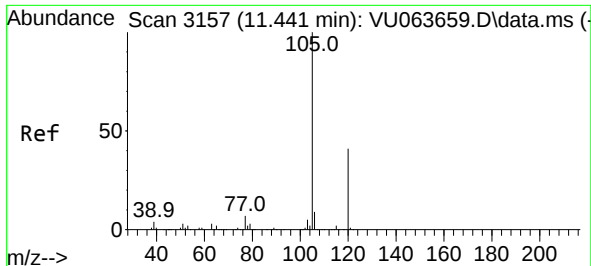
Tgt Ion:126 Resp: 728
Ion Ratio Lower Upper
126 100
91 393.1 0.0 716.6



#77
tert-Butylbenzene
Concen: 0.022 ug/l
RT: 11.396 min Scan# 3143
Delta R.T. 0.003 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion:119 Resp: 1746
Ion Ratio Lower Upper
119 100
91 70.4 31.3 93.8
134 23.8 18.7 28.1

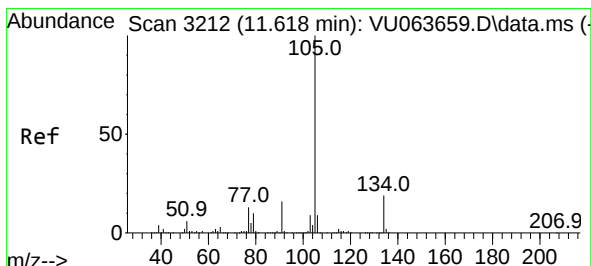
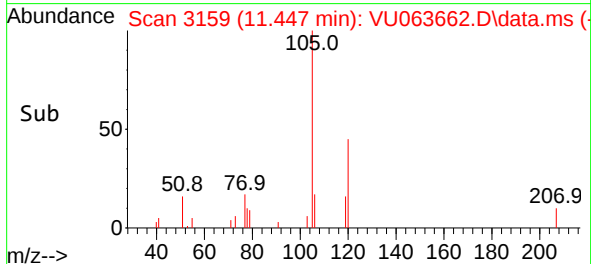
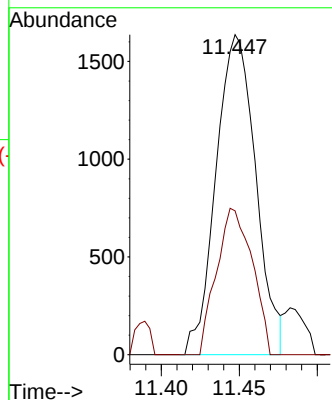
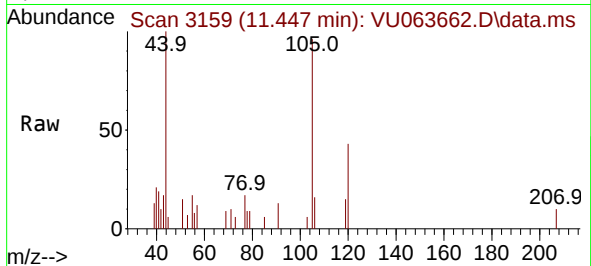




#78
1,2,4-Trimethylbenzene
Concen: 0.038 ug/l
RT: 11.447 min Scan# 3159
Delta R.T. 0.006 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

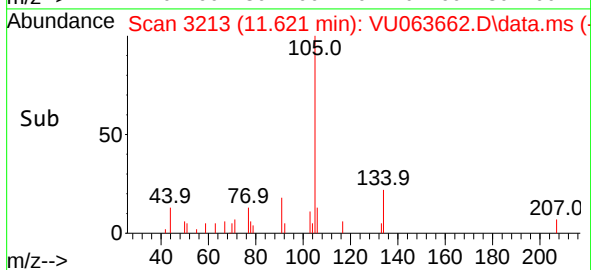
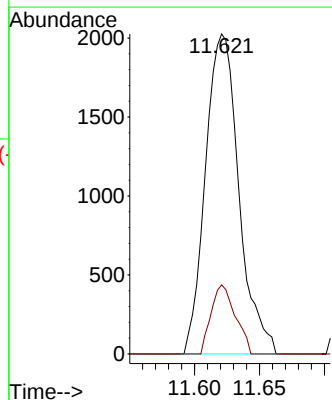
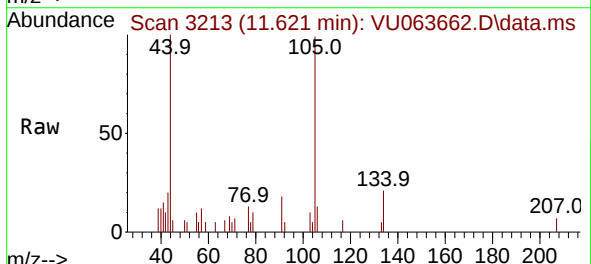
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

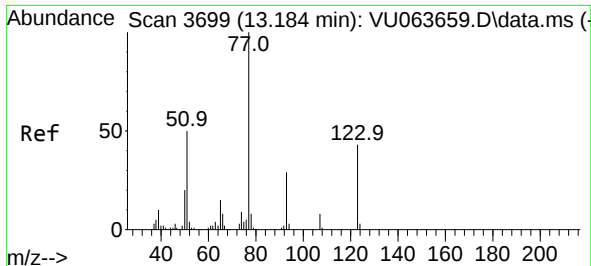
Tgt Ion:105 Resp: 2906
Ion Ratio Lower Upper
105 100
120 41.0 22.4 67.0



#79
sec-Butylbenzene
Concen: 0.035 ug/l
RT: 11.621 min Scan# 3213
Delta R.T. 0.003 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion:105 Resp: 3621
Ion Ratio Lower Upper
105 100
134 15.6 15.7 23.5#

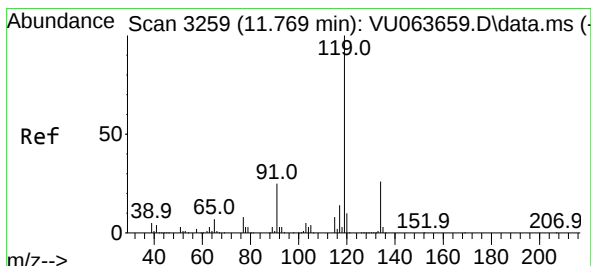
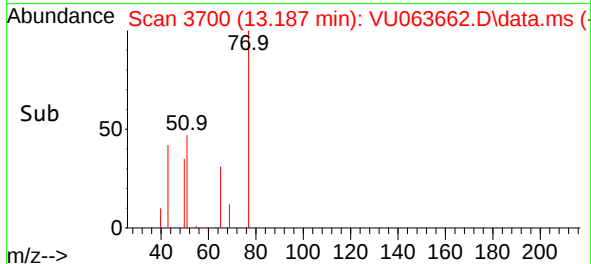
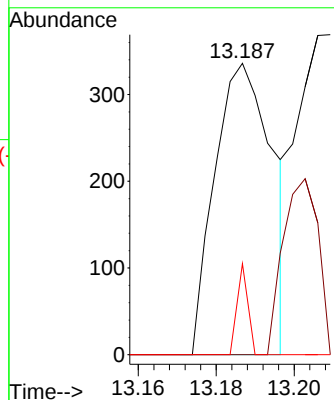
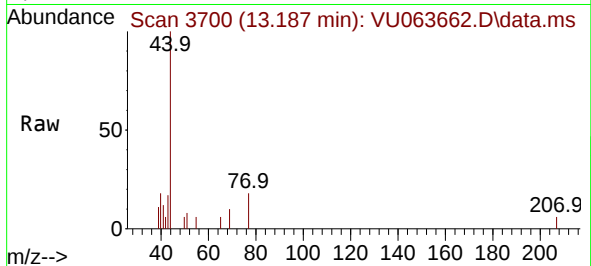




#80
Nitrobenzene
Concen: 0.543 ug/l
RT: 13.187 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

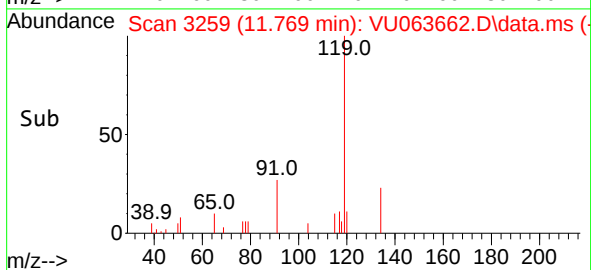
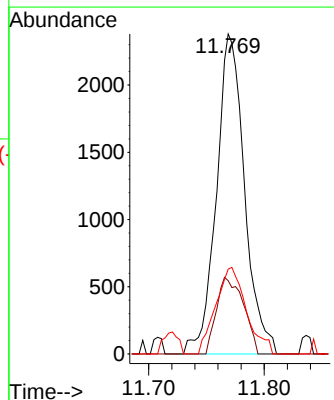
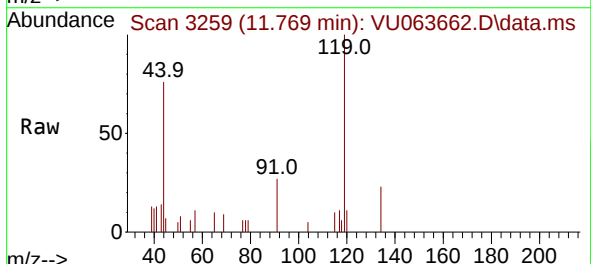
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

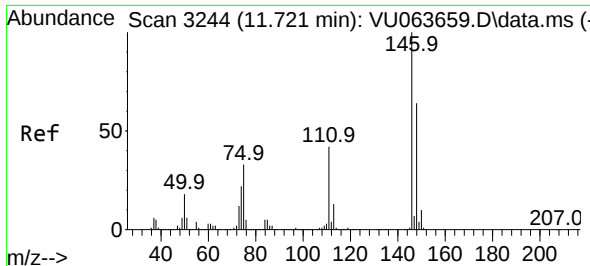
Tgt Ion: 77 Resp: 344
Ion Ratio Lower Upper
77 100
123 0.0 18.2 64.4#
65 5.8 13.6 17.2#



#81
p-Isopropyltoluene
Concen: 0.047 ug/l
RT: 11.769 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 119 Resp: 4028
Ion Ratio Lower Upper
119 100
134 22.9 20.3 30.5
91 29.4 20.1 30.1

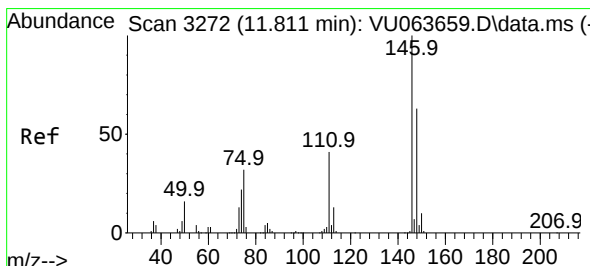
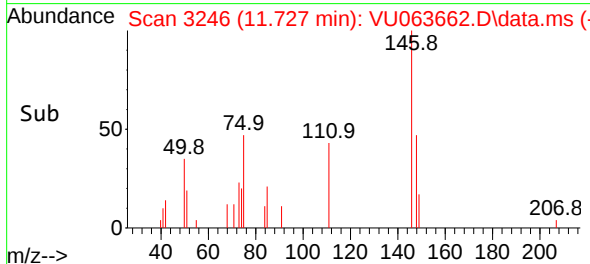
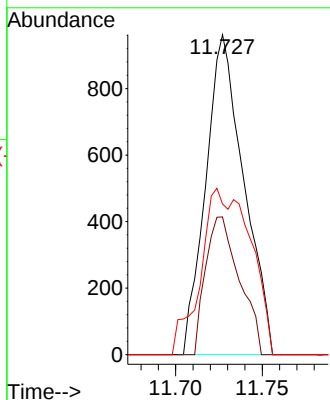
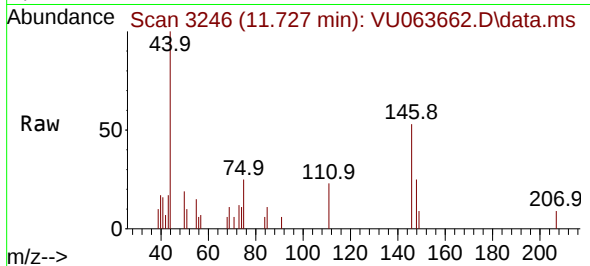




#82
1,3-Dichlorobenzene
Concen: 0.036 ug/l
RT: 11.727 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

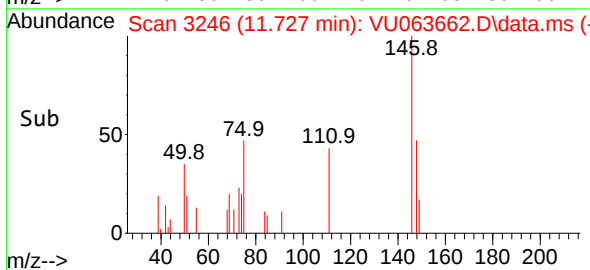
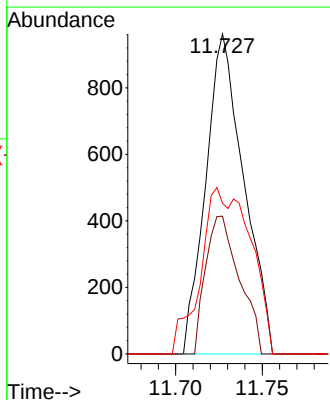
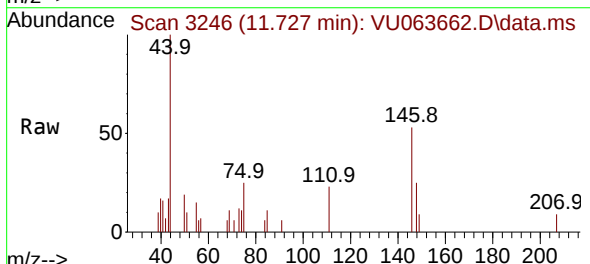
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

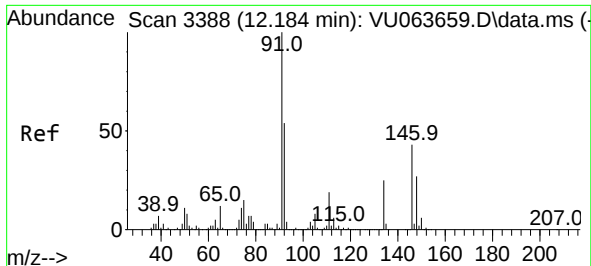
Tgt Ion:146 Resp: 1470
Ion Ratio Lower Upper
146 100
111 38.3 33.8 50.8
148 68.2 50.8 76.2



#83
1,4-Dichlorobenzene
Concen: 0.036 ug/l
RT: 11.727 min Scan# 3246
Delta R.T. -0.084 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion:146 Resp: 1470
Ion Ratio Lower Upper
146 100
111 38.3 33.0 49.4
148 68.2 50.6 76.0

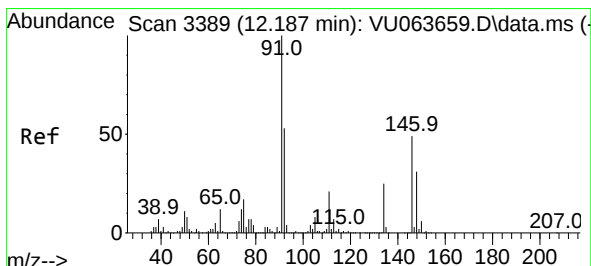
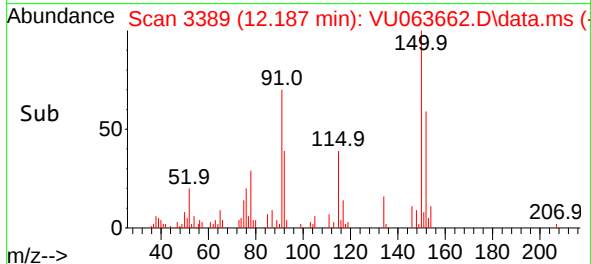
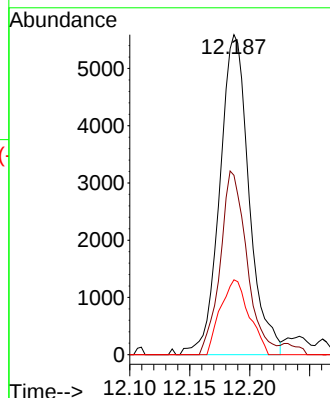
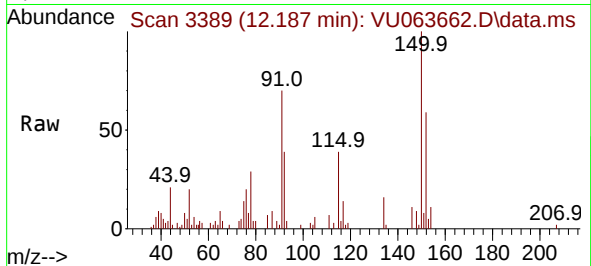




#84
n-Butylbenzene
Concen: 0.124 ug/l
RT: 12.187 min Scan# 3388
Delta R.T. 0.003 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

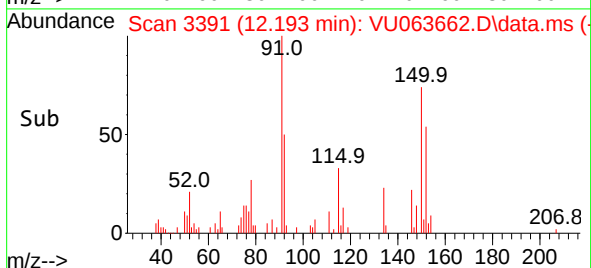
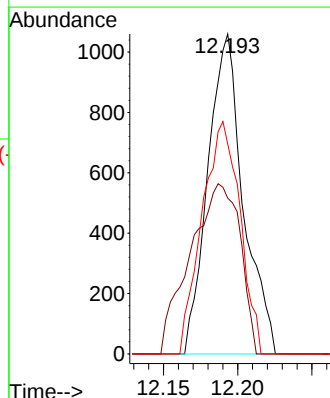
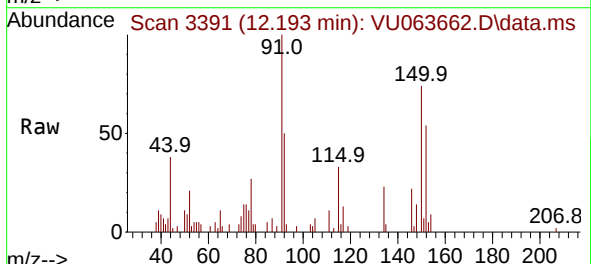
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

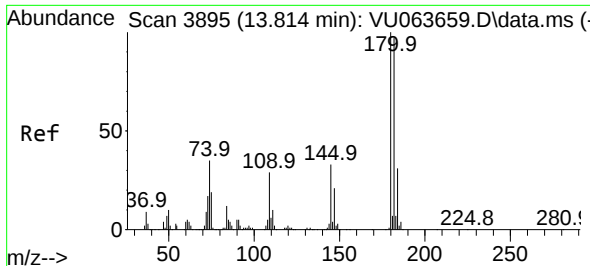
Tgt Ion: 91	Resp:	9491
Ion Ratio	Lower	Upper
91	100	
92	52.0	43.1 64.7
134	22.9	19.7 29.5



#85
1,2-Dichlorobenzene
Concen: 0.045 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.006 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 146	Resp:	1756
Ion Ratio	Lower	Upper
146	100	
111	74.8	22.2 66.6#
148	77.6	31.9 95.5

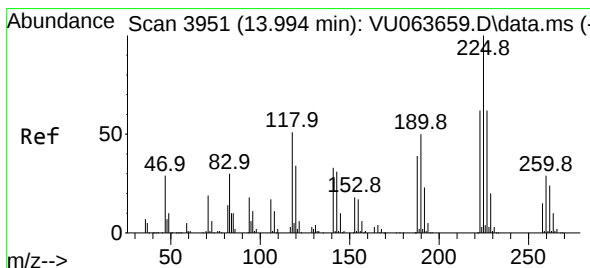
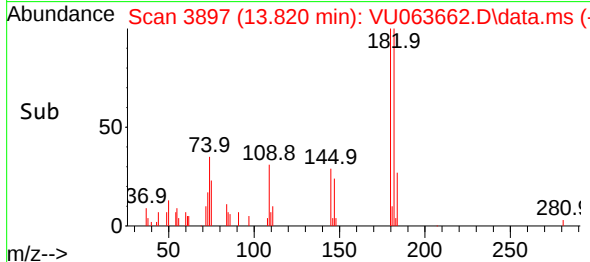
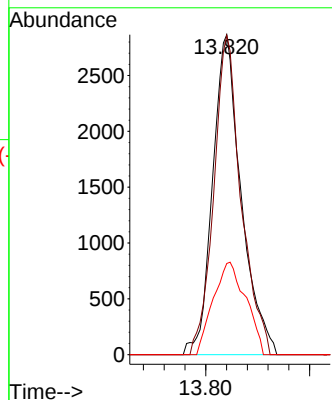
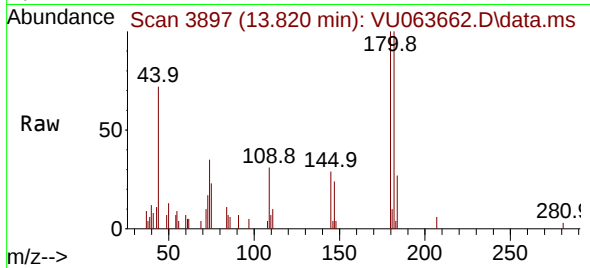




#87
1,2,4-Trichlorobenzene
Concen: 0.230 ug/l
RT: 13.820 min Scan# 3897
Delta R.T. 0.006 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

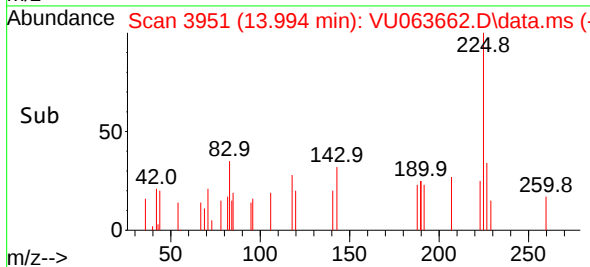
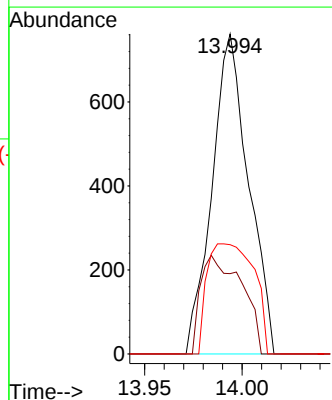
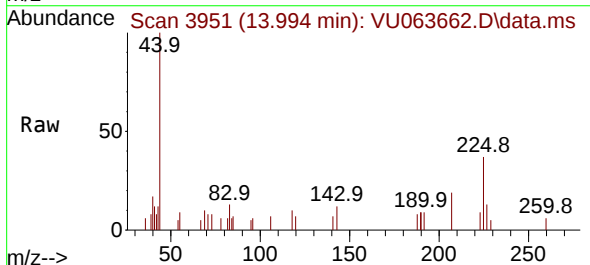
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

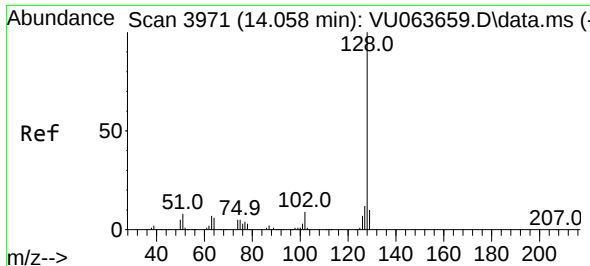
Tgt Ion:180 Resp: 5477
Ion Ratio Lower Upper
180 100
182 94.9 76.4 114.6
145 32.9 26.2 39.2



#88
Hexachlorobutadiene
Concen: 0.070 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion:225 Resp: 991
Ion Ratio Lower Upper
225 100
223 34.8 50.2 75.4#
227 44.1 50.0 75.0#

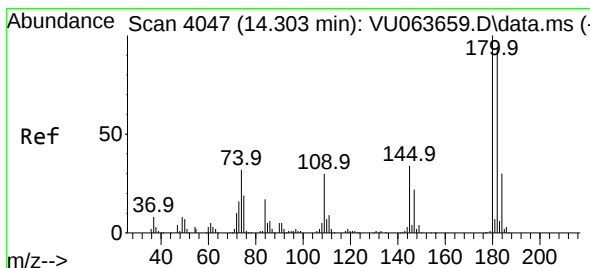
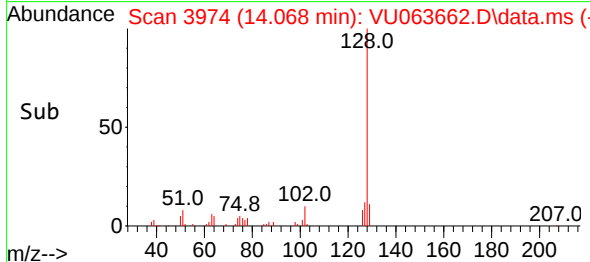
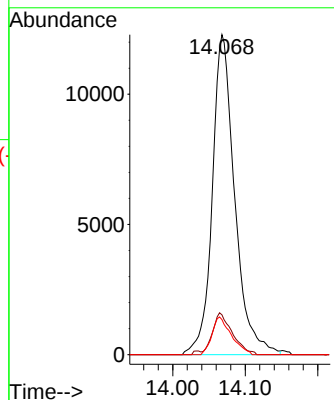
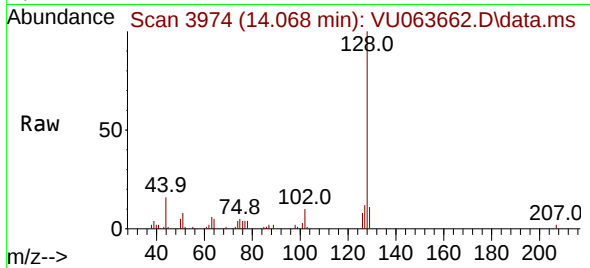




#89
Naphthalene
Concen: 0.577 ug/l
RT: 14.068 min Scan# 3971
Delta R.T. 0.010 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Instrument :
MSVOA_U
ClientSampleId :
VU1031WBL01

Tgt Ion:128	Resp:	26430
Ion Ratio	Lower	Upper
128	100	
127	11.6	10.2 15.2
129	10.1	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.254 ug/l
RT: 14.306 min Scan# 4048
Delta R.T. 0.003 min
Lab File: VU063662.D
Acq: 31 Oct 2025 15:29

Tgt Ion:180	Resp:	5522
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.4 113.0
145	36.9	27.4 41.2

