

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110525\
 Data File : VU063669.D
 Acq On : 05 Nov 2025 12:46
 Operator : MD/SY
 Sample : VU1105WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

Quant Time: Nov 06 04:00:05 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	56396	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	24417	0.957	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.167	152	22127	0.967	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	39499	1.861	ug/l	99
3) Chloromethane	1.509	50	38829	1.945	ug/l	98
4) Vinyl Chloride	1.589	62	40278	1.984	ug/l	96
5) Bromomethane	1.820	94	24827	2.023	ug/l	92
6) Chloroethane	1.904	64	25356	2.035	ug/l	99
7) Trichlorofluoromethane	2.113	101	59641	2.020	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.554	101	31478	2.005	ug/l	99
9) 1,1-Dichloroethene	2.554	96	31445	2.068	ug/l	99
10) Iodomethane	2.692	142	39857	1.765	ug/l	99
11) Allyl Chloride	2.891	41	45972	1.936	ug/l	100
12) Acrylonitrile	3.287	53	14244	3.787	ug/l	90
13) Acetone	2.605	43	53865	8.108	ug/l	96
14) Carbon Disulfide	2.763	76	81822	1.910	ug/l	99
15) Methylene Chloride	3.010	84	36797	1.883	ug/l	95
16) trans-1,2-Dichloroethene	3.316	96	33435	1.994	ug/l	99
17) 1,1-Dichloroethane	3.830	63	66231	1.994	ug/l	98
18) 2-Butanone	4.692	43	61814	8.771	ug/l	100
19) Cyclohexane	5.341	56	50530	1.991	ug/l	98
20) Methylcyclohexane	6.724	83	61901	1.959	ug/l	96
21) 2,2-Dichloropropane	4.624	77	57670	1.935	ug/l	97
22) cis-1,2-Dichloroethene	4.627	96	38974	2.041	ug/l	97
23) Diethyl Ether	2.357	59	24508	1.967	ug/l	95
24) tert-Butyl Alcohol	3.174	59	30147	14.038	ug/l #	92
25) Methyl tert-Butyl Ether	3.341	73	90887	2.040	ug/l	99
26) Bromochloromethane	4.936	128	16308	2.025	ug/l	99
27) Chloroform	5.052	83	69317	2.040	ug/l	99
28) 1,1,1-Trichloroethane	5.277	97	59358	1.981	ug/l	100
29) 1,1-Dichloropropene	5.483	75	49352	1.962	ug/l	98
30) Carbon Tetrachloride	5.479	117	45854	1.933	ug/l	99
31) Isopropyl Ether	3.968	45	108161	2.056	ug/l	99
32) Ethyl-t-butyl ether	4.479	59	101978	2.012	ug/l	99
33) Tert-Amyl methyl ether	5.920	73	91235	2.067	ug/l	98
34) Propionitrile	4.750	54	14466	10.505	ug/l #	88
35) Benzene	5.737	78	144601	2.039	ug/l	99
36) 1,2-Dichloroethane	5.762	62	46900	2.060	ug/l	100
37) Trichloroethene	6.508	130	40818	2.020	ug/l	98
38) 1,2-Dichloropropane	6.762	63	38951	1.963	ug/l	99
39) Methacrylonitrile	4.952	41	12761	1.862	ug/l	95
40) Methyl acrylate	4.824	55	18912	1.900	ug/l #	94
41) Tetrahydrofuran	5.039	42	13119	4.253	ug/l	95
42) 1-Chlorobutane	5.418	56	66099	1.960	ug/l	99
43) Dibromomethane	6.891	93	20832	2.029	ug/l	98
44) Bromodichloromethane	7.077	83	46314	1.845	ug/l #	98

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

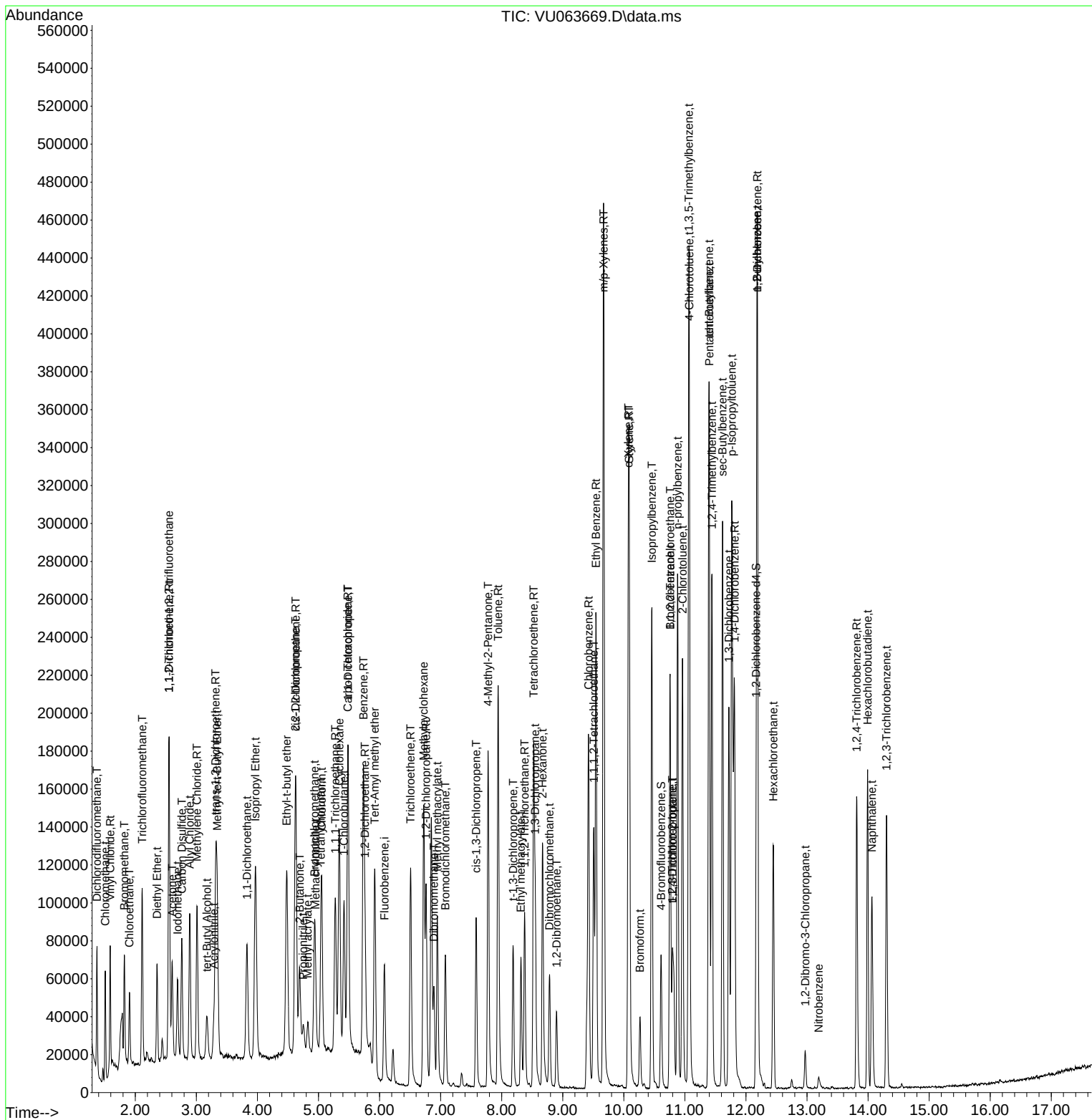
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

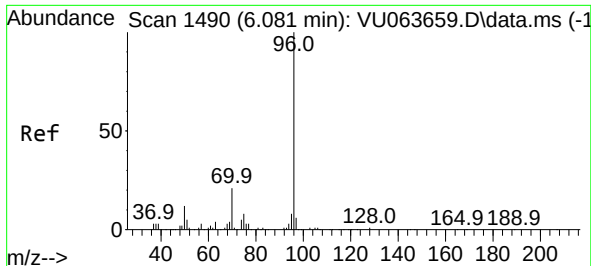
Quant Time: Nov 06 04:00:05 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.778	43	115881	9.360	ug/l	99
46) t-1,4-Dichloro-2-butene	10.798	75	38609	8.991	ug/l #	52
47) Methyl methacrylate	6.946	69	37969	4.020	ug/l	95
48) Ethyl methacrylate	8.315	69	35673	1.857	ug/l	98
49) Toluene	7.942	92	95005	1.986	ug/l	98
50) t-1,3-Dichloropropene	8.187	75	40318	1.848	ug/l	99
51) cis-1,3-Dichloropropene	7.582	75	49923	1.829	ug/l	99
52) 1,1,2-Trichloroethane	8.376	97	28221	2.022	ug/l	99
53) 1,3-Dichloropropane	8.550	76	49601	1.989	ug/l	97
54) 2-Hexanone	8.669	43	87609	8.382	ug/l	100
55) Dibromochloromethane	8.785	129	30386	1.849	ug/l	97
56) 1,2-Dibromoethane	8.901	107	26169	1.970	ug/l	98
58) Tetrachloroethene	8.524	164	39551	2.000	ug/l	98
59) Chlorobenzene	9.421	112	104637	2.018	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.508	131	34638	1.908	ug/l	98
61) Pentachloroethane	11.399	117	23245	1.845	ug/l	99
62) Hexachloroethane	12.450	117	23718	1.718	ug/l	98
63) Ethyl Benzene	9.544	91	184158	1.960	ug/l	99
64) m/p-Xylenes	9.669	106	137992	3.935	ug/l	98
65) o-Xylene	10.074	106	69685	2.028	ug/l	98
66) Styrene	10.090	104	109136	1.958	ug/l	97
67) Bromoform	10.264	173	15648	1.764	ug/l	100
69) Isopropylbenzene	10.460	105	169082	1.992	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.759	83	35118	2.003	ug/l	98
71) 1,2,3-Trichloropropane	10.798	75	38609	2.531	ug/l #	89
72) Bromobenzene	10.759	156	40692	1.983	ug/l	99
73) n-propylbenzene	10.881	120	47366	1.964	ug/l	99
74) 2-Chlorotoluene	10.962	126	42138	2.016	ug/l	97
75) 1,3,5-Trimethylbenzene	11.064	105	155925	1.987	ug/l	98
76) 4-Chlorotoluene	11.074	126	42442	2.022	ug/l	95
77) tert-Butylbenzene	11.396	119	151844	1.975	ug/l	99
78) 1,2,4-Trimethylbenzene	11.444	105	150383	1.997	ug/l	98
79) sec-Butylbenzene	11.617	105	201231	1.990	ug/l	99
80) Nitrobenzene	13.193	77	3713	6.022	ug/l	93
81) p-Isopropyltoluene	11.769	119	160153	1.934	ug/l	100
82) 1,3-Dichlorobenzene	11.720	146	80101	2.015	ug/l	100
83) 1,4-Dichlorobenzene	11.814	146	78951	1.999	ug/l	99
84) n-Butylbenzene	12.183	91	140743	1.896	ug/l	98
85) 1,2-Dichlorobenzene	12.187	146	75350	2.004	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.971	75	5060	1.742	ug/l	97
87) 1,2,4-Trichlorobenzene	13.814	180	47258	2.040	ug/l	99
88) Hexachlorobutadiene	13.994	225	27778	2.014	ug/l	99
89) Naphthalene	14.064	128	90350	2.028	ug/l	99
90) 1,2,3-Trichlorobenzene	14.302	180	43714	2.064	ug/l	98

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

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QLast Update : Mon Nov 03 00:51:51 2025
Response via : Initial Calibration

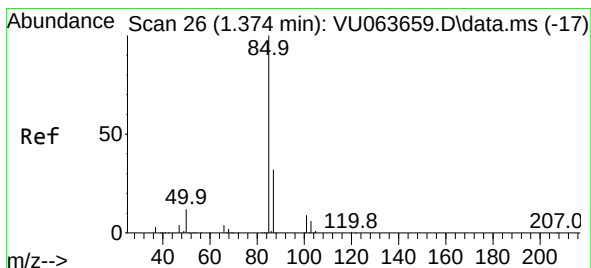
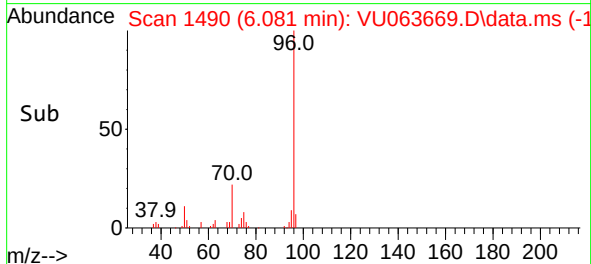
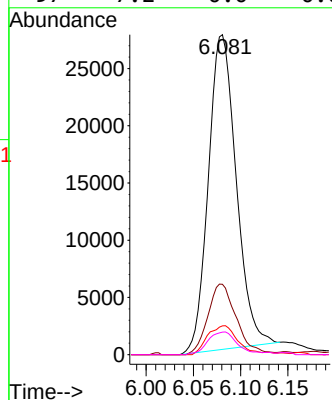
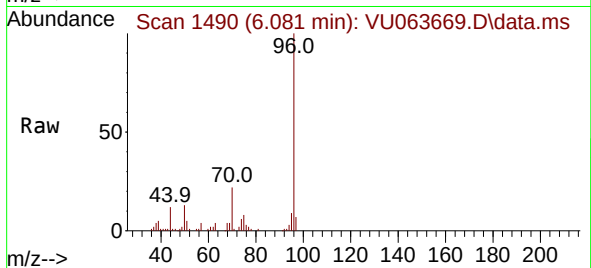




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.081 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

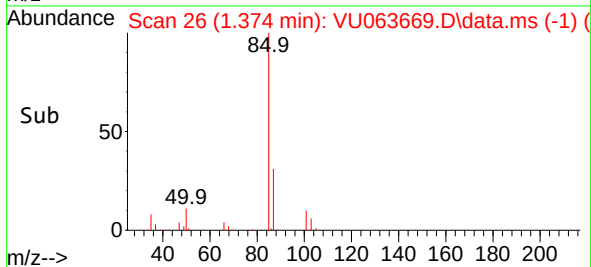
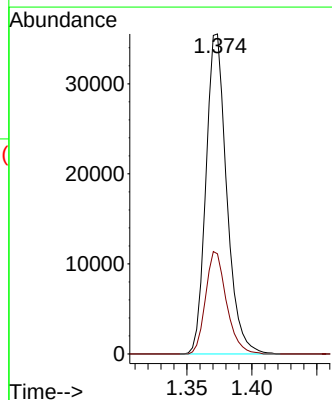
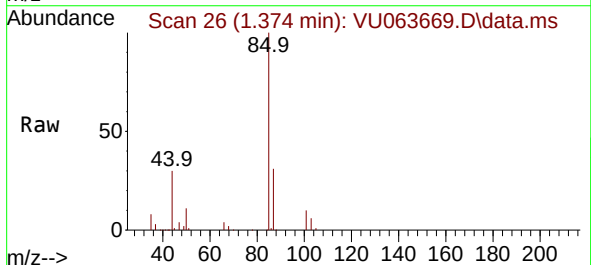
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

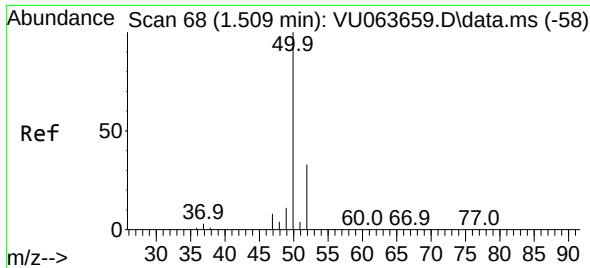
Tgt Ion:	96	Resp:	56396
Ion Ratio	Lower	Upper	
96	100		
70	22.0	15.3	22.9
95	9.1	6.5	9.7
97	7.2	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 1.861 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion:	85	Resp:	39499
Ion Ratio	Lower	Upper	
85	100		
87	31.3	16.0	47.9

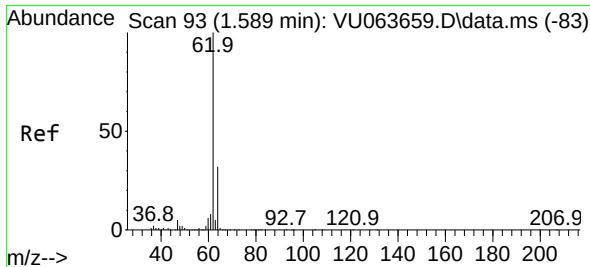
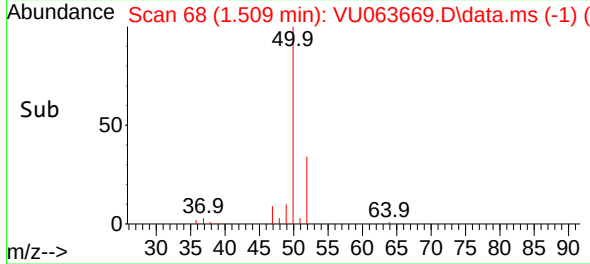
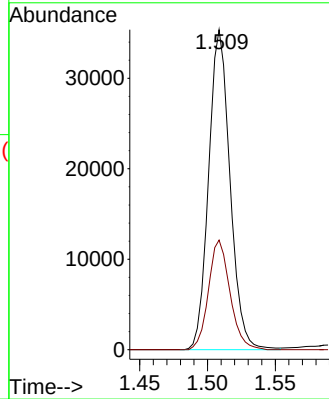
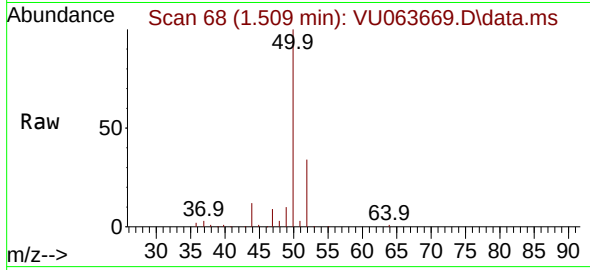




#3
Chloromethane
Concen: 1.945 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

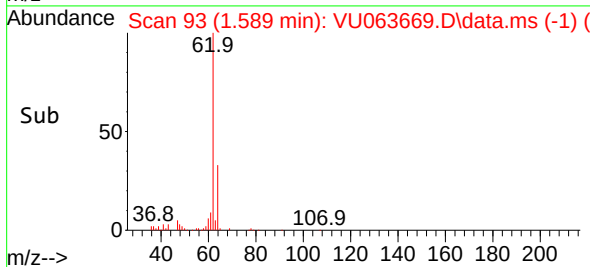
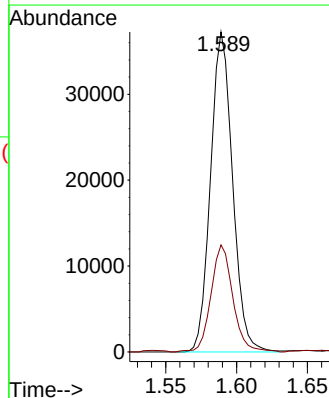
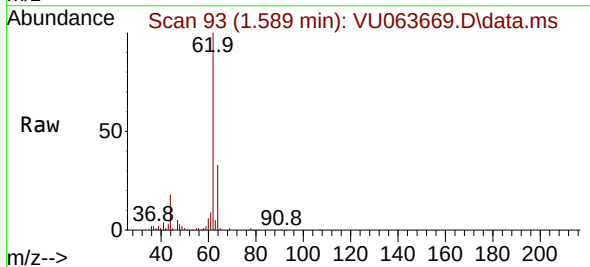
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

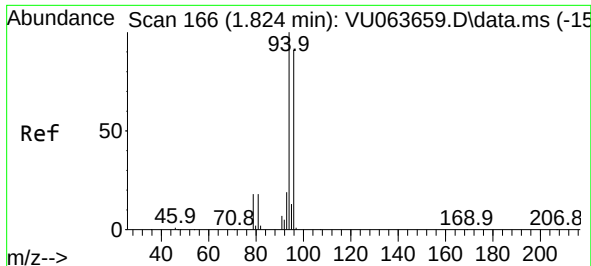
Tgt Ion: 50 Resp: 38829
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0



#4
Vinyl Chloride
Concen: 1.984 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 62 Resp: 40278
Ion Ratio Lower Upper
62 100
64 33.5 25.2 37.8

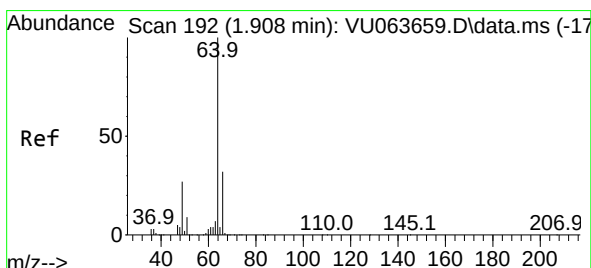
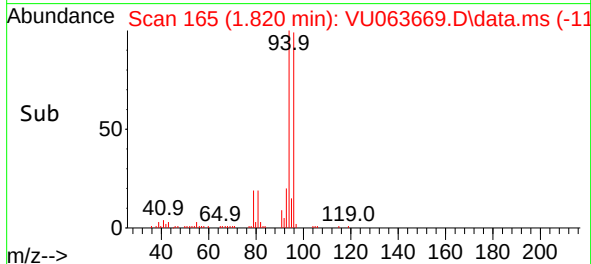
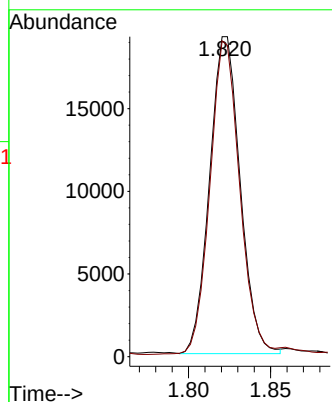
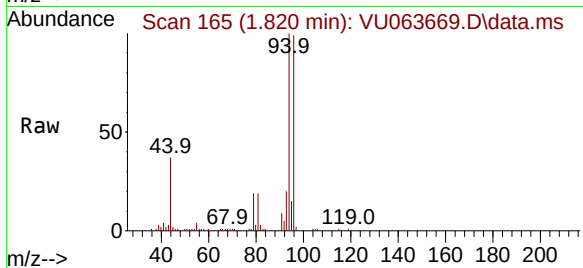




#5
Bromomethane
Concen: 2.023 ug/l
RT: 1.820 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

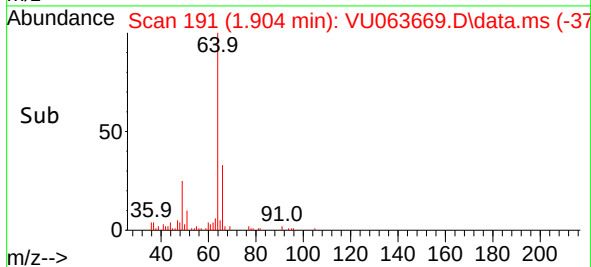
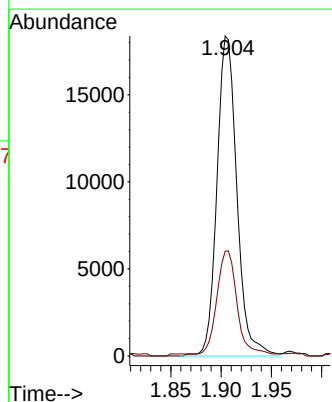
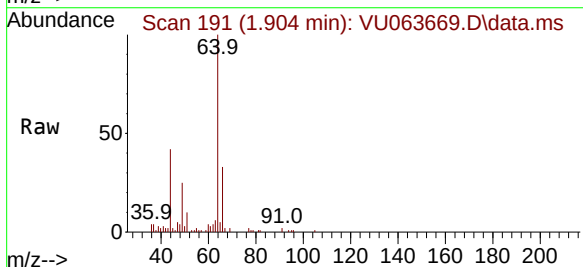
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ClientSampleId :
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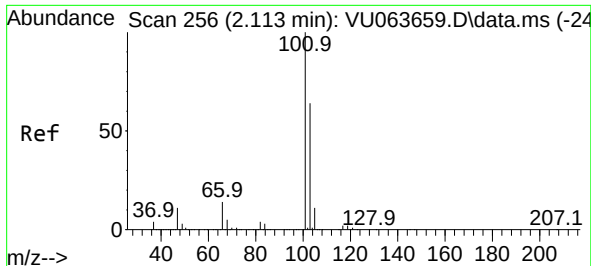
Tgt Ion: 94 Resp: 24827
Ion Ratio Lower Upper
94 100
96 98.6 73.0 109.6



#6
Chloroethane
Concen: 2.035 ug/l
RT: 1.904 min Scan# 191
Delta R.T. -0.004 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 64 Resp: 25356
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2

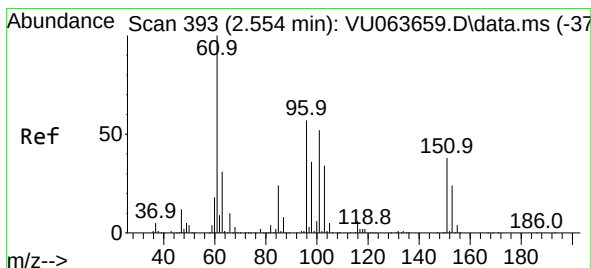
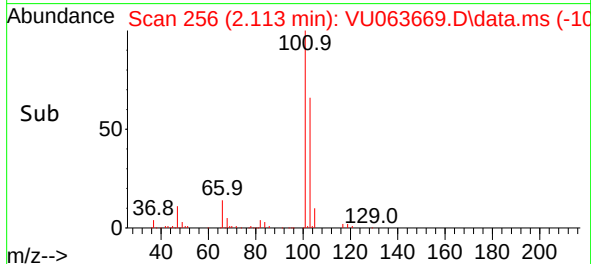
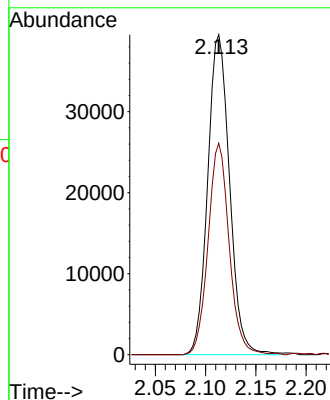
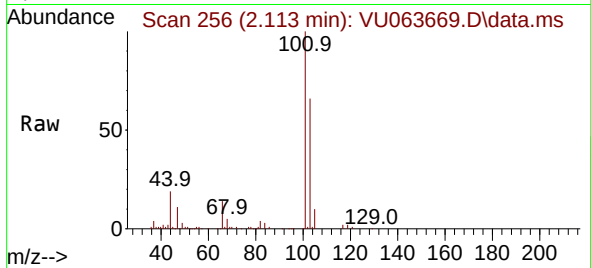




#7
 Trichlorofluoromethane
 Concen: 2.020 ug/l
 RT: 2.113 min Scan# 256
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

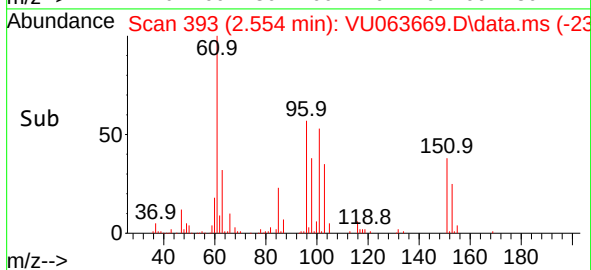
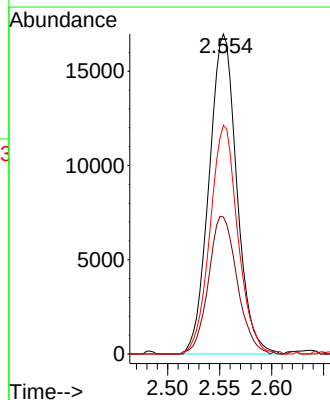
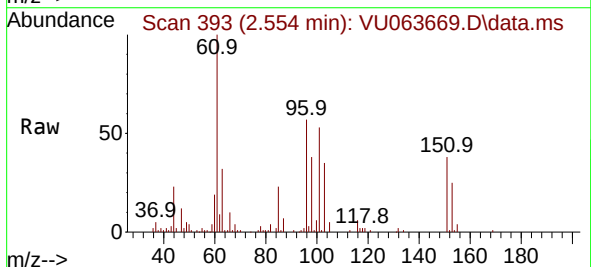
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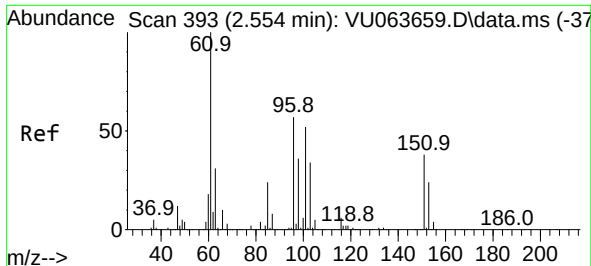
Tgt Ion:101 Resp: 59641
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.0 76.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.005 ug/l
 RT: 2.554 min Scan# 393
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

Tgt Ion:101 Resp: 31478
 Ion Ratio Lower Upper
 101 100
 85 44.4 37.0 55.4
 151 72.1 57.2 85.8

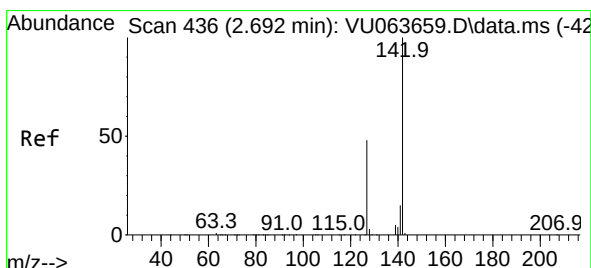
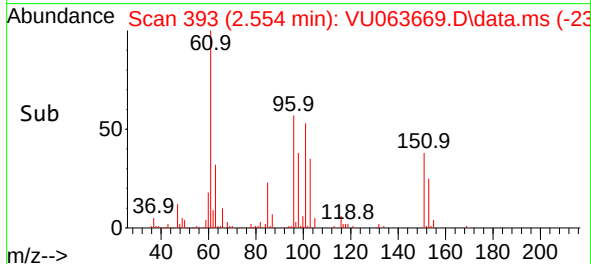
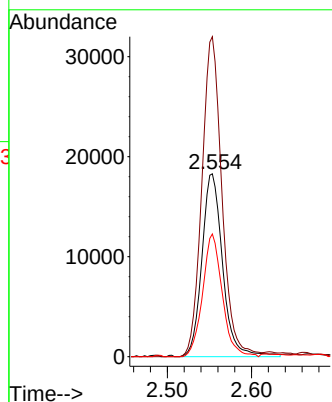
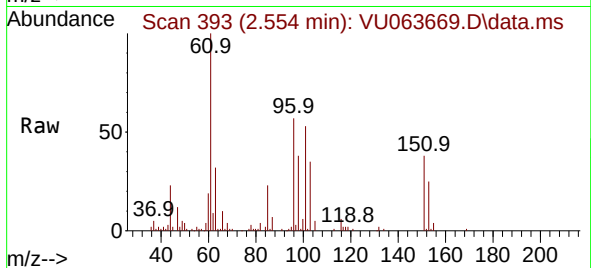




#9
1,1-Dichloroethene
Concen: 2.068 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

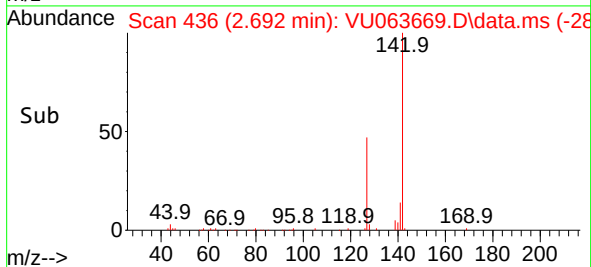
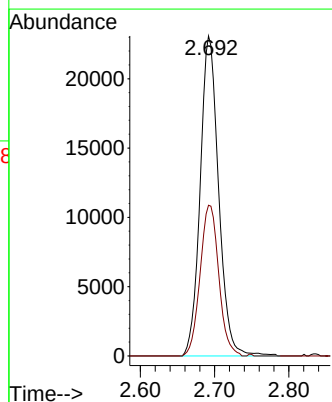
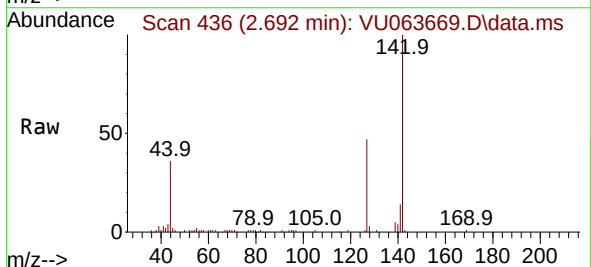
Instrument :
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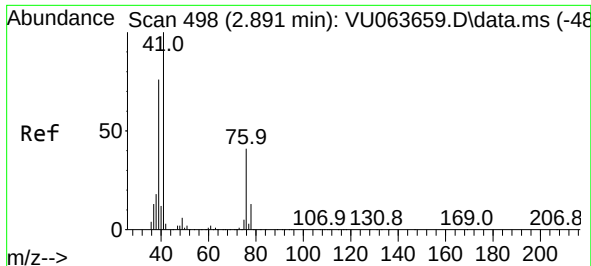
Tgt Ion: 96 Resp: 31445
Ion Ratio Lower Upper
96 100
61 174.9 0.0 524.7
98 67.0 0.0 126.8



#10
Iodomethane
Concen: 1.765 ug/l
RT: 2.692 min Scan# 436
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 142 Resp: 39857
Ion Ratio Lower Upper
142 100
127 47.6 38.6 58.0

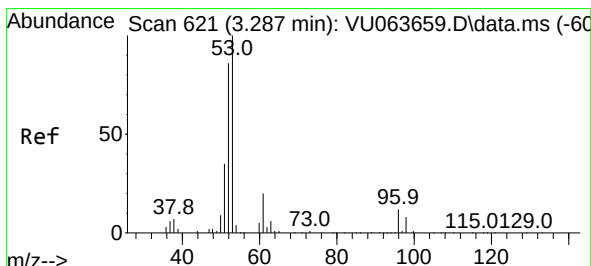
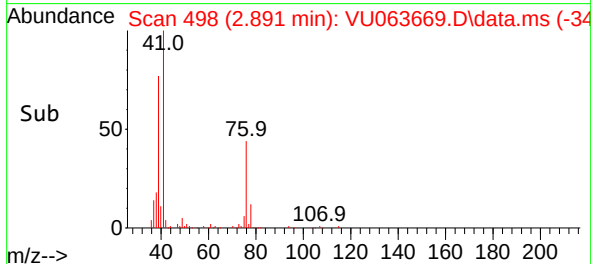
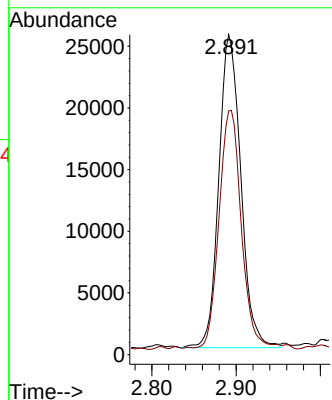
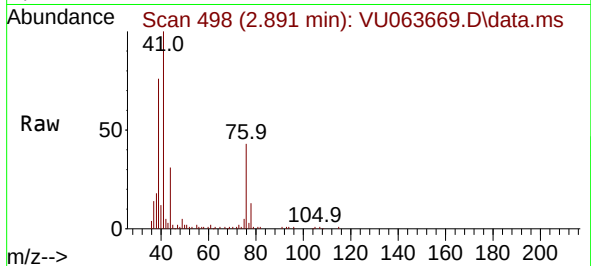




#11
 Allyl Chloride
 Concen: 1.936 ug/l
 RT: 2.891 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

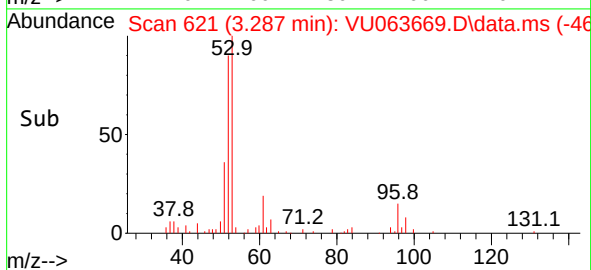
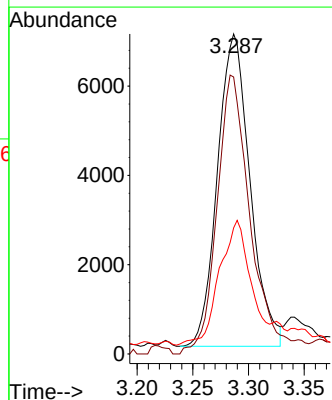
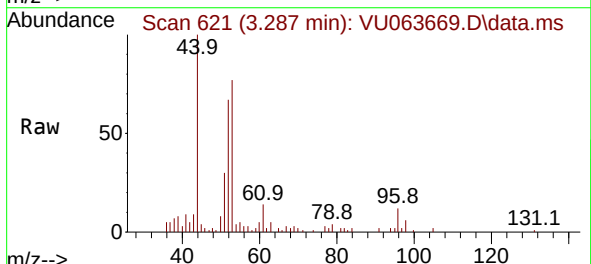
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

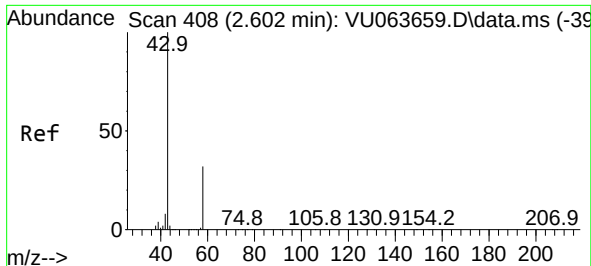
Tgt Ion: 41 Resp: 45972
 Ion Ratio Lower Upper
 41 100
 39 76.3 61.0 91.4



#12
 Acrylonitrile
 Concen: 3.787 ug/l
 RT: 3.287 min Scan# 621
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

Tgt Ion: 53 Resp: 14244
 Ion Ratio Lower Upper
 53 100
 52 92.2 65.4 98.0
 51 38.4 27.6 41.4





#13

Acetone

Concen: 8.108 ug/l

RT: 2.605 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

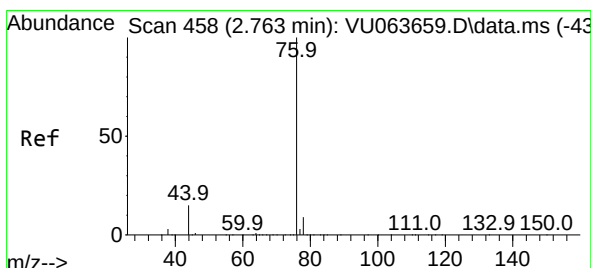
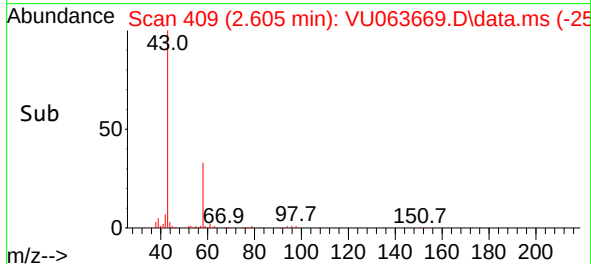
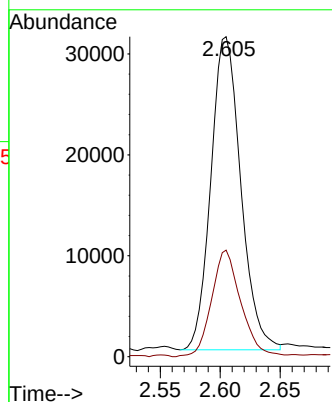
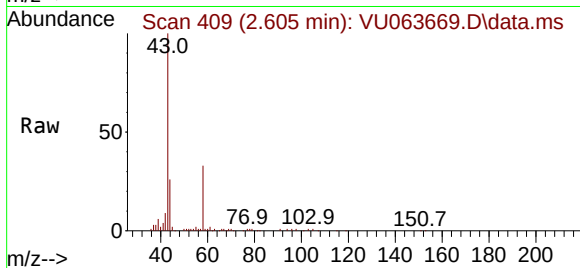
VU1105WBS01

Tgt Ion: 43 Resp: 53865

Ion Ratio Lower Upper

43 100

58 33.7 25.2 37.8



#14

Carbon Disulfide

Concen: 1.910 ug/l

RT: 2.763 min Scan# 458

Delta R.T. -0.000 min

Lab File: VU063669.D

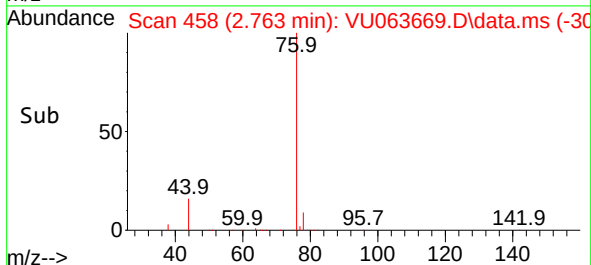
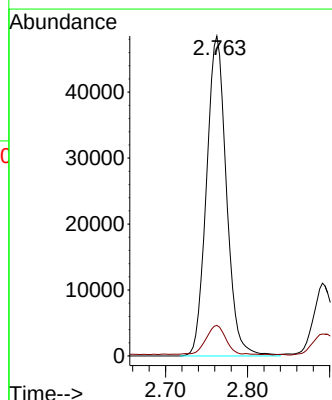
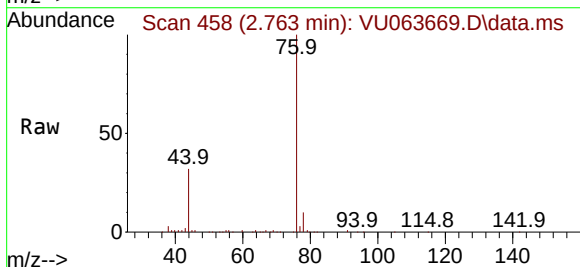
Acq: 05 Nov 2025 12:46

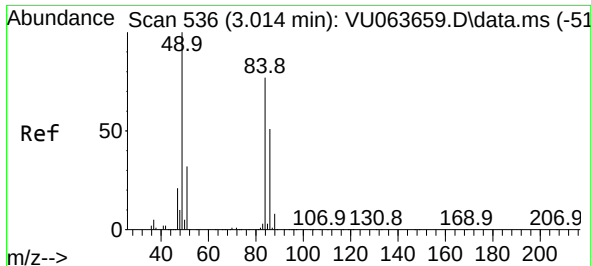
Tgt Ion: 76 Resp: 81822

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3



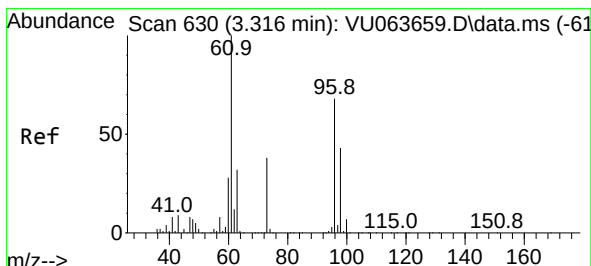
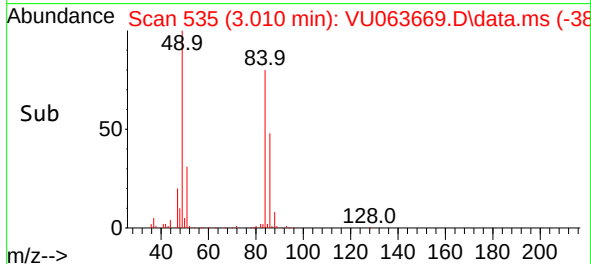
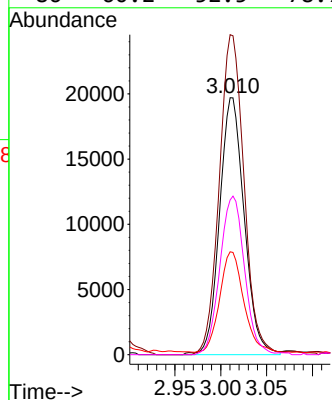
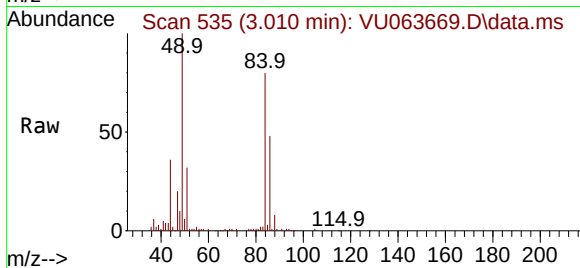


#15
Methylene Chloride
Concen: 1.883 ug/l
RT: 3.010 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tgt Ion: 84 Resp: 36797

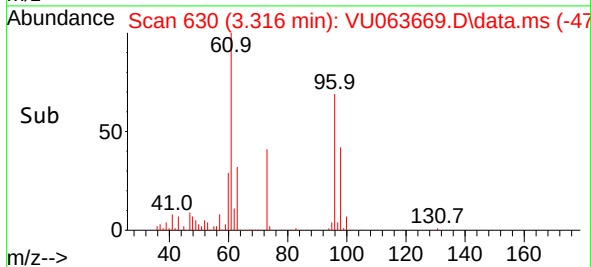
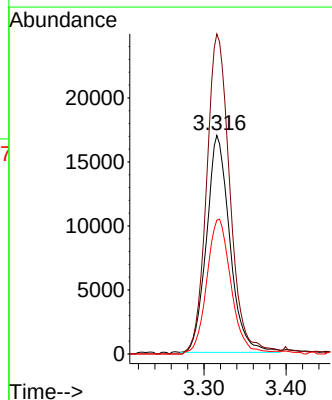
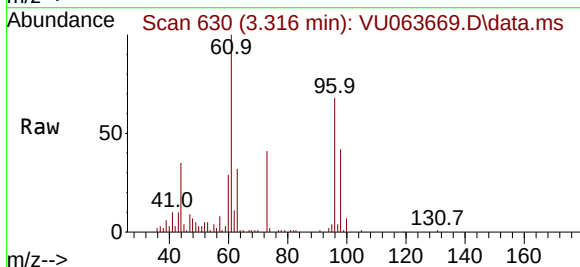
Ion	Ratio	Lower	Upper
84	100		
49	124.5	103.4	155.0
51	39.0	0.0	81.6
86	60.2	52.5	78.7

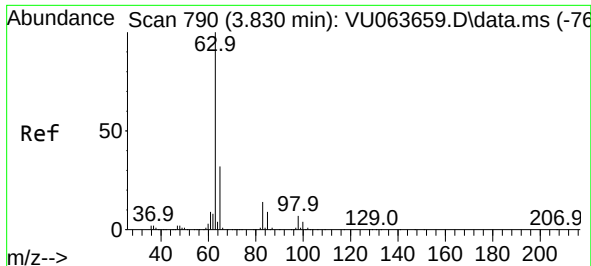


#16
trans-1,2-Dichloroethene
Concen: 1.994 ug/l
RT: 3.316 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 96 Resp: 33435

Ion	Ratio	Lower	Upper
96	100		
61	147.5	117.4	176.2
98	61.7	49.9	74.9

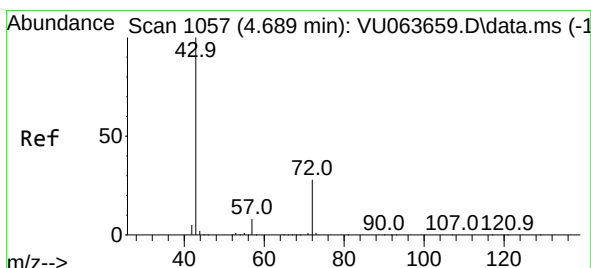
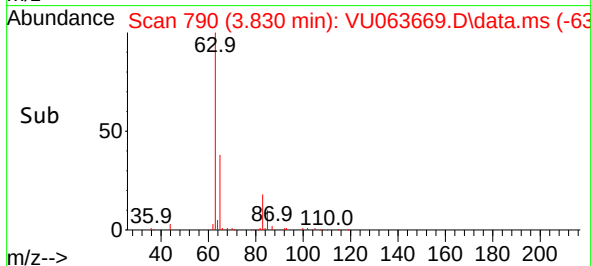
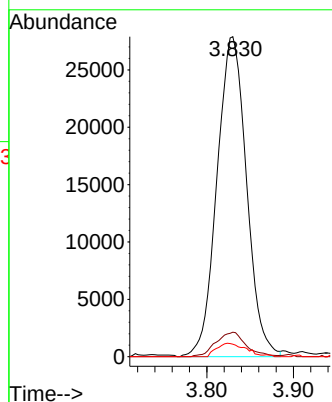
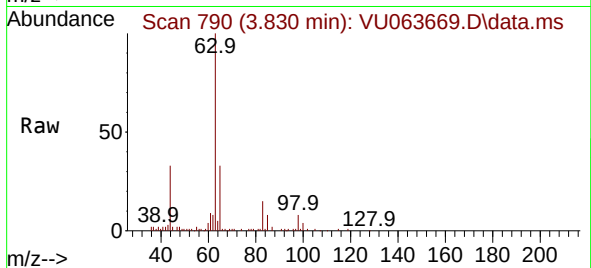




#17
1,1-Dichloroethane
Concen: 1.994 ug/l
RT: 3.830 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

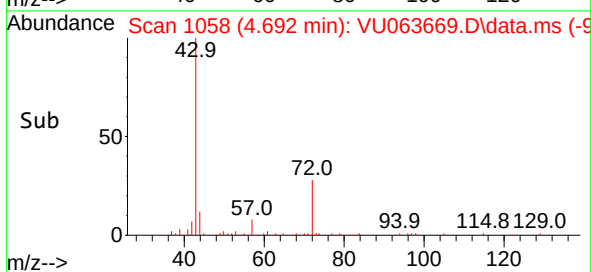
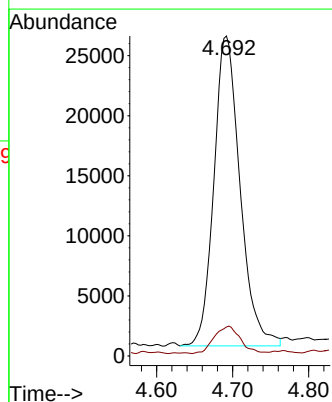
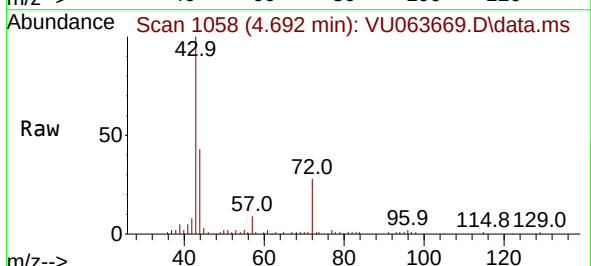
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

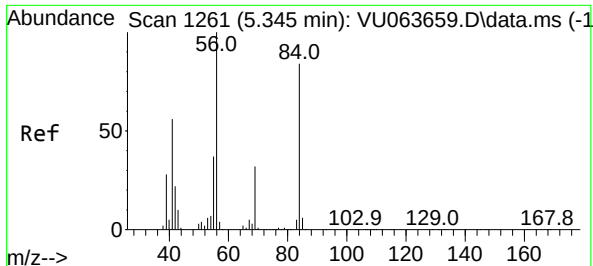
Tgt Ion: 63 Resp: 66231
Ion Ratio Lower Upper
63 100
98 7.6 3.5 10.5
100 3.9 2.2 6.6



#18
2-Butanone
Concen: 8.771 ug/l
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 43 Resp: 61814
Ion Ratio Lower Upper
43 100
57 8.4 0.0 16.6





#19

Cyclohexane

Concen: 1.991 ug/l

RT: 5.341 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

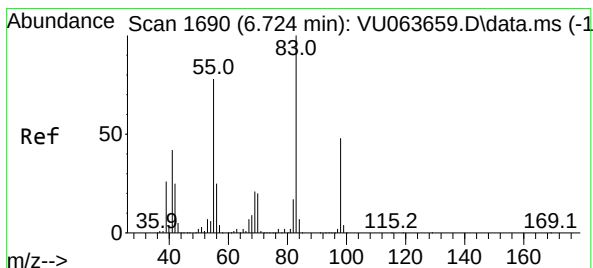
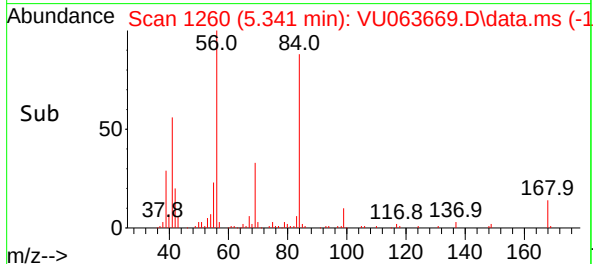
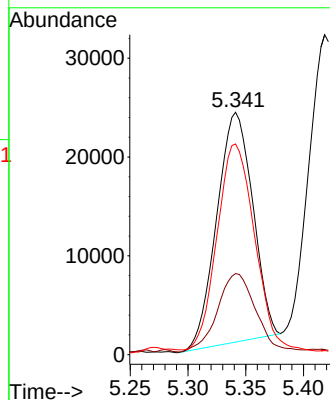
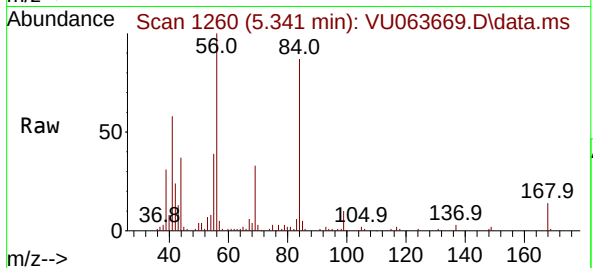
Tgt Ion: 56 Resp: 50530

Ion Ratio Lower Upper

56 100

69 34.9 27.1 40.7

84 93.4 73.4 110.0



#20

Methylcyclohexane

Concen: 1.959 ug/l

RT: 6.724 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

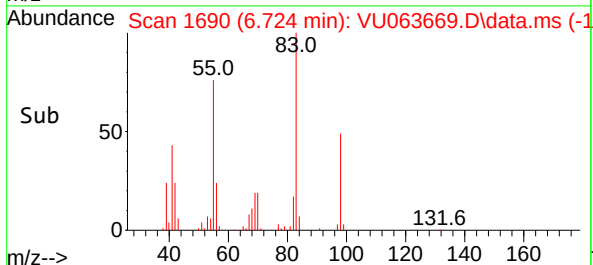
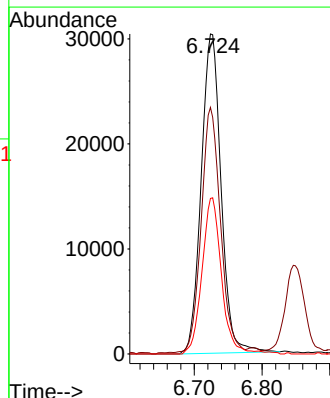
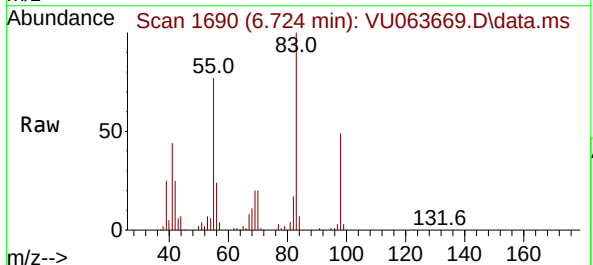
Tgt Ion: 83 Resp: 61901

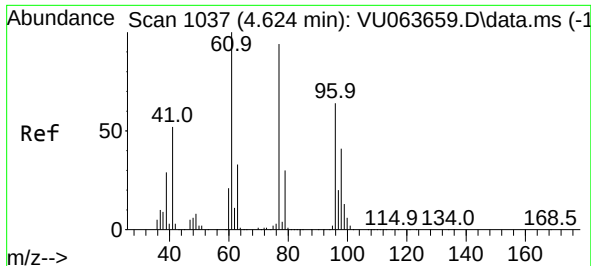
Ion Ratio Lower Upper

83 100

55 72.7 61.5 92.3

98 46.3 37.9 56.9





#21

2,2-Dichloropropane

Concen: 1.935 ug/l

RT: 4.624 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

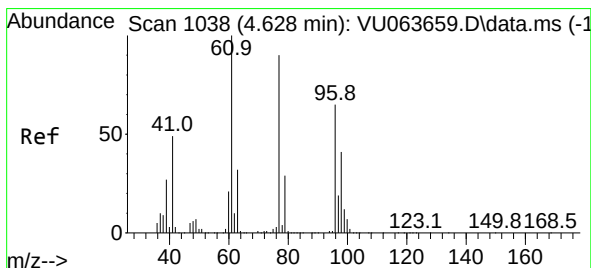
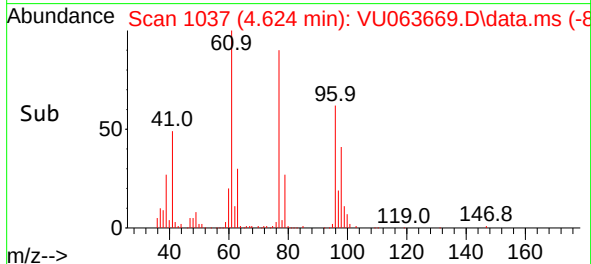
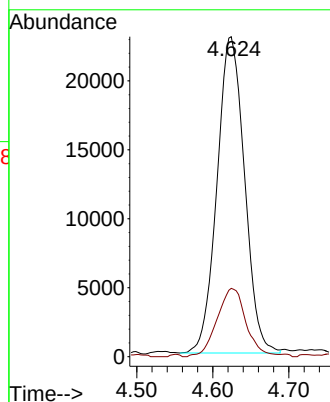
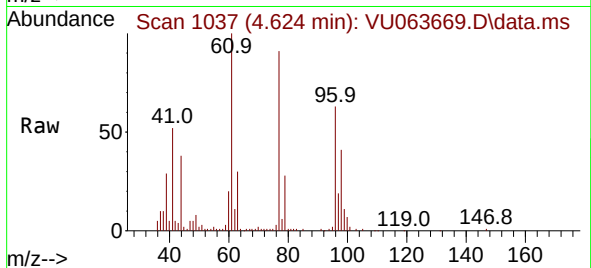
VU1105WBS01

Tgt Ion: 77 Resp: 57670

Ion Ratio Lower Upper

77 100

97 22.7 17.1 25.7



#22

cis-1,2-Dichloroethene

Concen: 2.041 ug/l

RT: 4.627 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

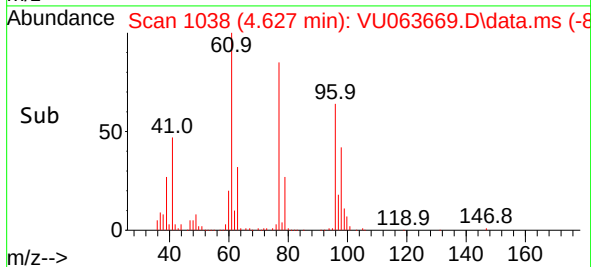
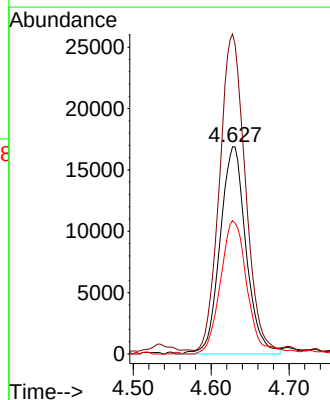
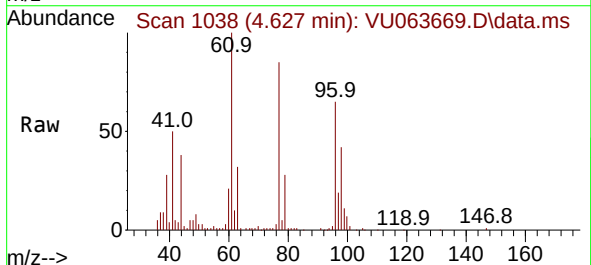
Tgt Ion: 96 Resp: 38974

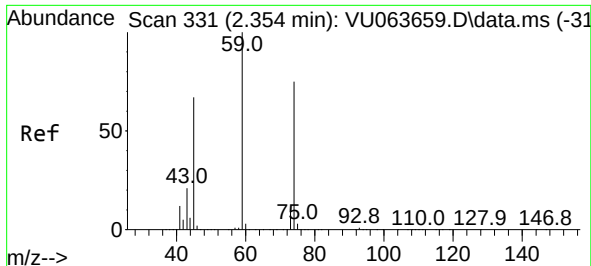
Ion Ratio Lower Upper

96 100

61 150.0 0.0 385.0

98 65.9 31.3 93.9

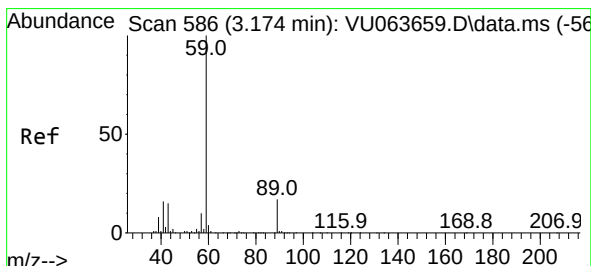
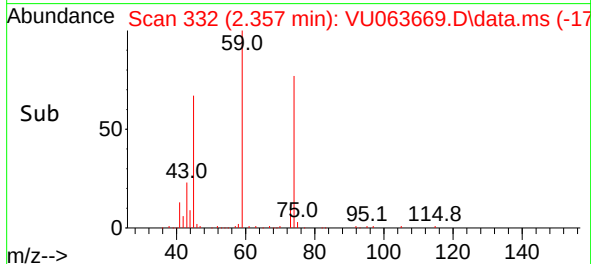
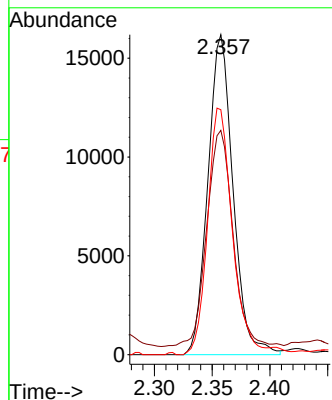
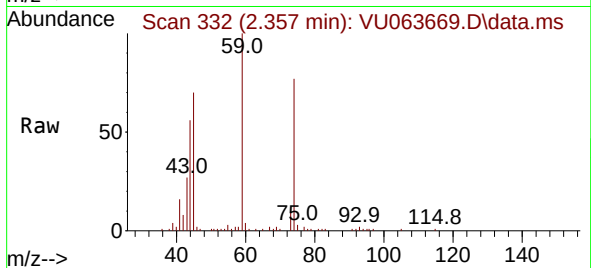




#23
Diethyl Ether
Concen: 1.967 ug/l
RT: 2.357 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

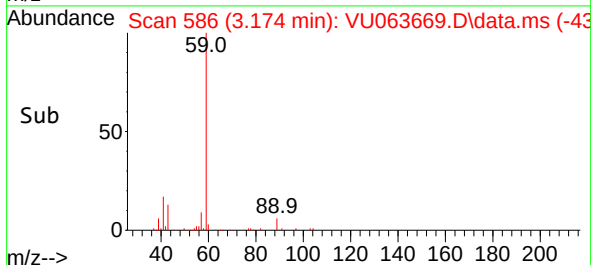
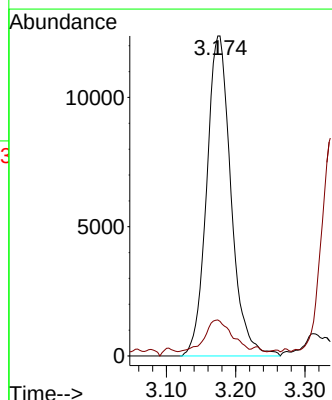
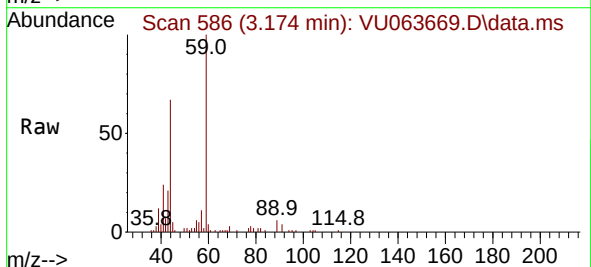
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

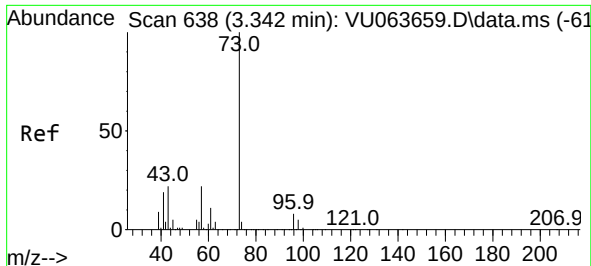
Tgt Ion: 59 Resp: 24508
Ion Ratio Lower Upper
59 100
45 72.3 52.6 78.8
74 75.4 59.4 89.2



#24
tert-Butyl Alcohol
Concen: 14.038 ug/l
RT: 3.174 min Scan# 586
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 59 Resp: 30147
Ion Ratio Lower Upper
59 100
57 11.8 7.2 10.8#

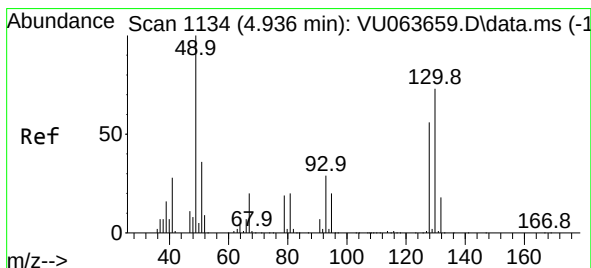
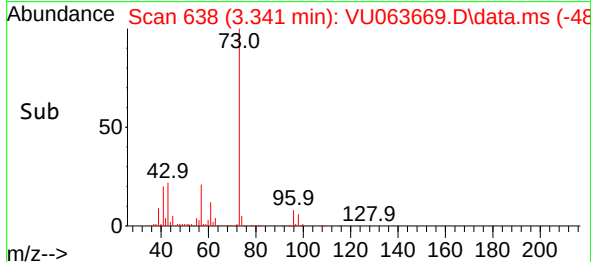
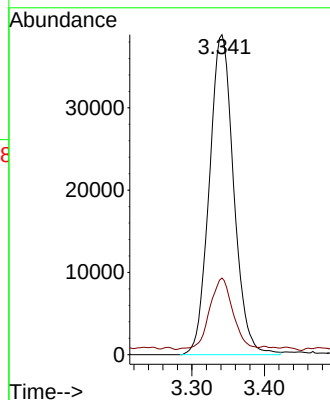
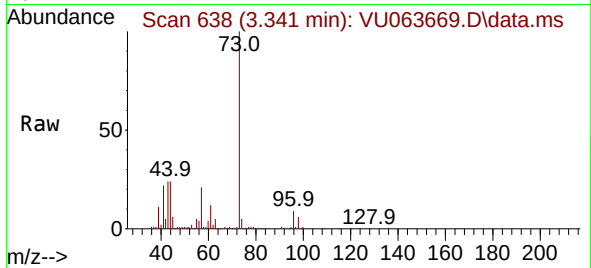




#25
Methyl tert-Butyl Ether
Concen: 2.040 ug/l
RT: 3.341 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

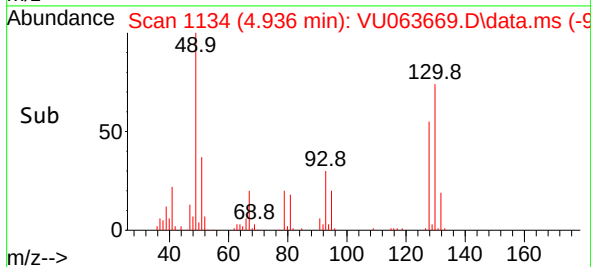
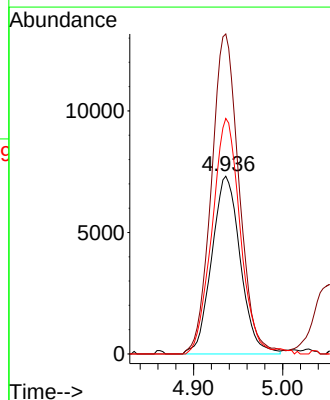
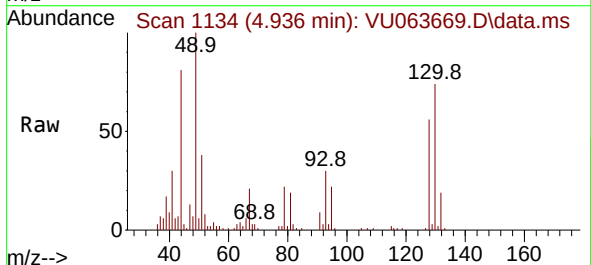
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

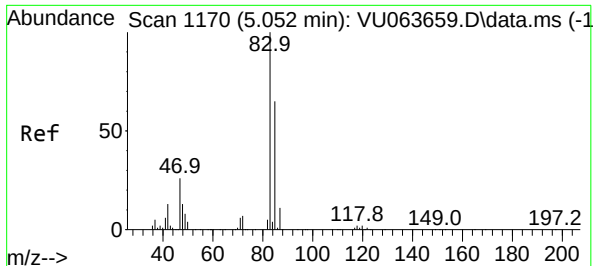
Tgt Ion: 73 Resp: 90887
Ion Ratio Lower Upper
73 100
43 21.4 17.4 26.0



#26
Bromochloromethane
Concen: 2.025 ug/l
RT: 4.936 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 128 Resp: 16308
Ion Ratio Lower Upper
128 100
49 174.5 0.0 349.6
130 130.3 102.7 154.1





#27

Chloroform

Concen: 2.040 ug/l

RT: 5.052 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

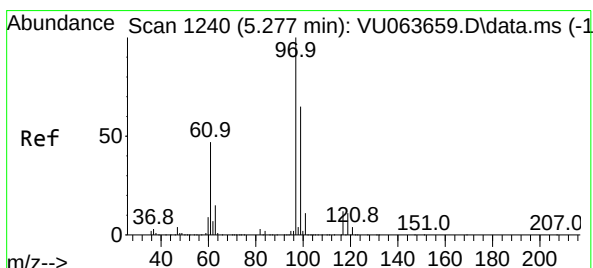
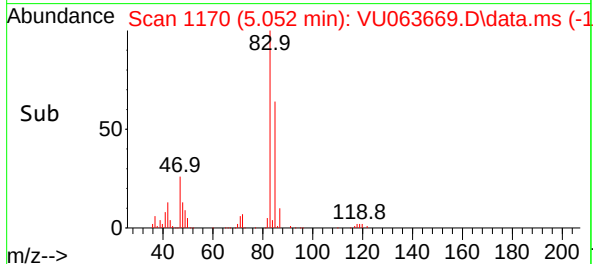
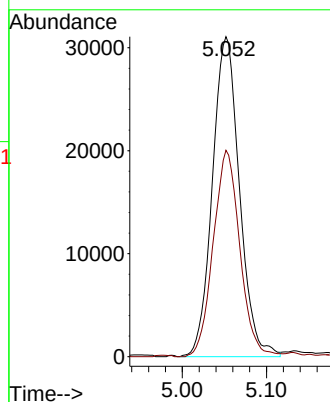
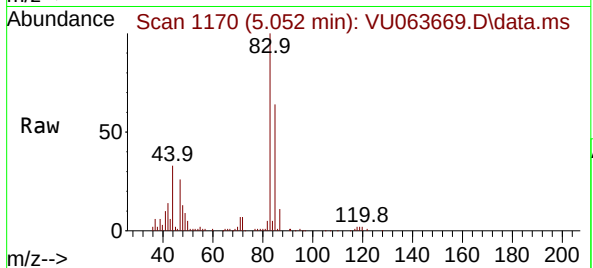
VU1105WBS01

Tgt Ion: 83 Resp: 69317

Ion Ratio Lower Upper

83 100

85 64.5 0.0 130.8



#28

1,1,1-Trichloroethane

Concen: 1.981 ug/l

RT: 5.277 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

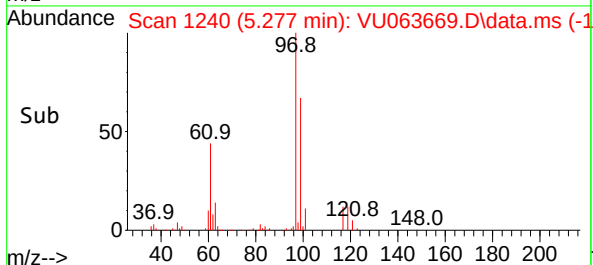
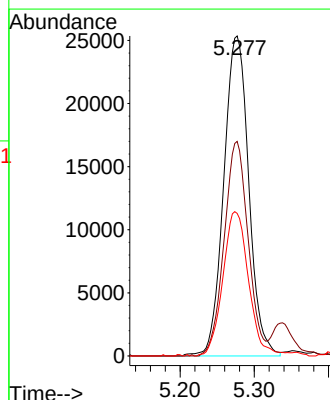
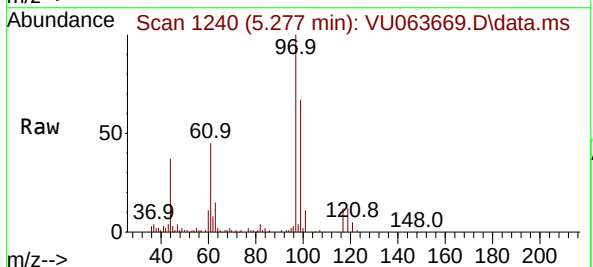
Tgt Ion: 97 Resp: 59358

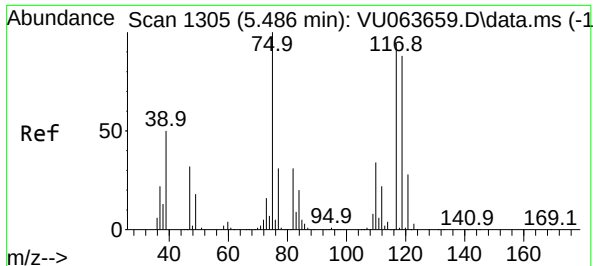
Ion Ratio Lower Upper

97 100

99 64.3 32.3 96.8

61 46.5 23.3 69.8





#29

1,1-Dichloropropene

Concen: 1.962 ug/l

RT: 5.483 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

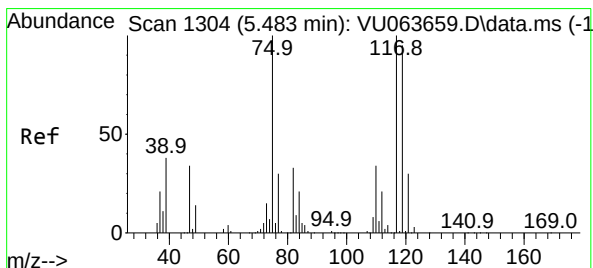
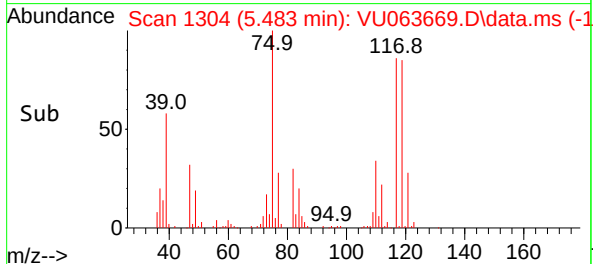
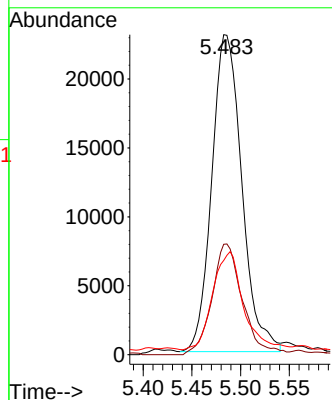
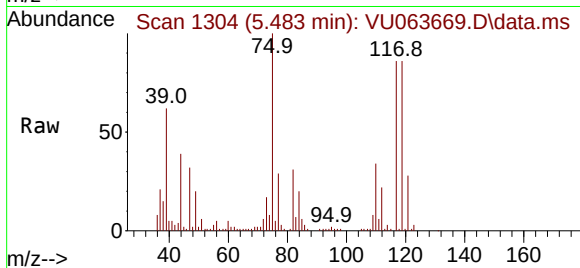
Tgt Ion: 75 Resp: 49352

Ion Ratio Lower Upper

75 100

110 35.4 17.2 51.5

77 31.6 24.5 36.7



#30

Carbon Tetrachloride

Concen: 1.933 ug/l

RT: 5.479 min Scan# 1303

Delta R.T. -0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

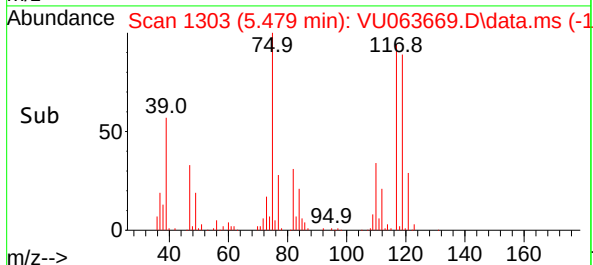
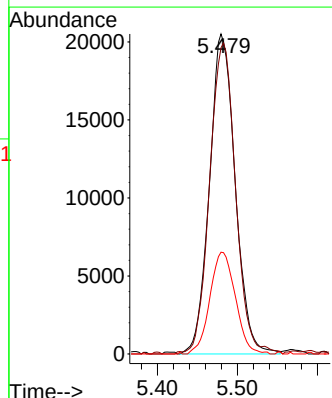
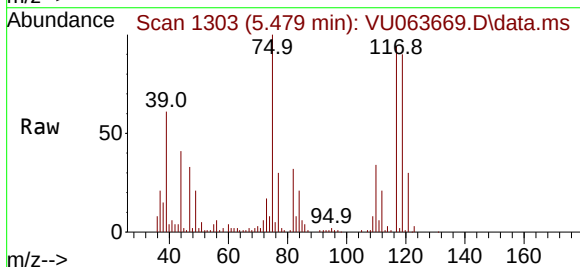
Tgt Ion: 117 Resp: 45854

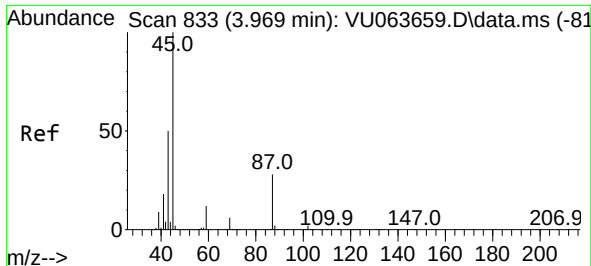
Ion Ratio Lower Upper

117 100

119 94.9 75.7 113.5

121 31.3 23.8 35.6

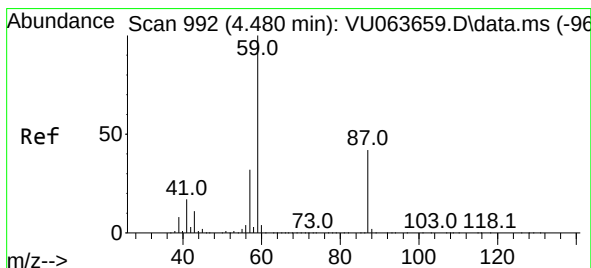
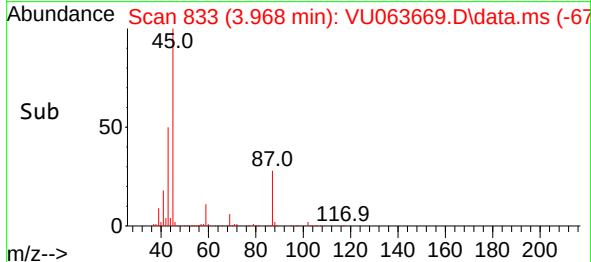
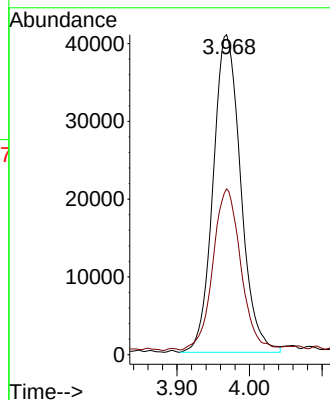
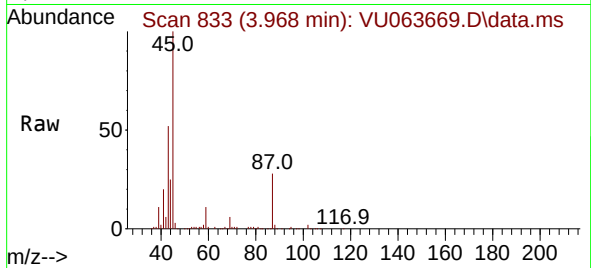




#31
Isopropyl Ether
Concen: 2.056 ug/l
RT: 3.968 min Scan# 811
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

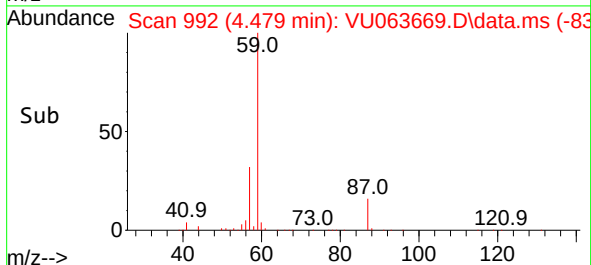
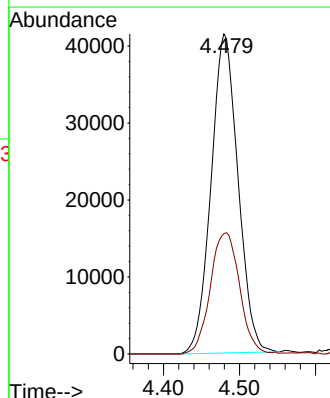
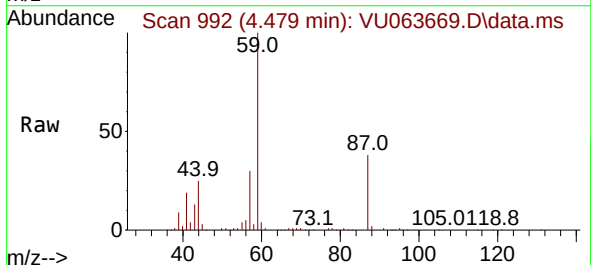
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

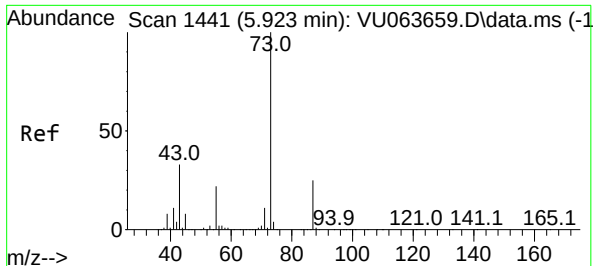
Tgt Ion: 45 Resp: 108161
Ion Ratio Lower Upper
45 100
43 51.0 25.3 75.9



#32
Ethyl-t-butyl ether
Concen: 2.012 ug/l
RT: 4.479 min Scan# 992
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 59 Resp: 101978
Ion Ratio Lower Upper
59 100
87 40.6 33.0 49.6

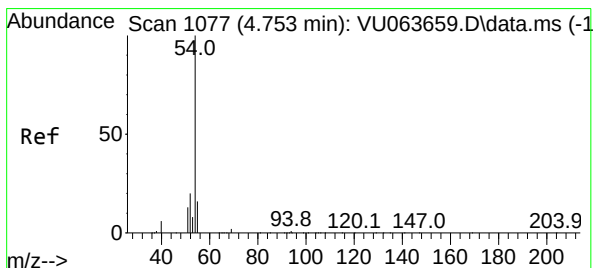
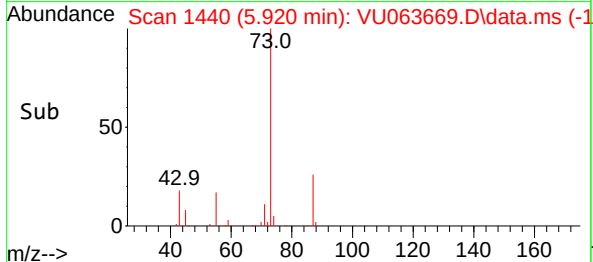
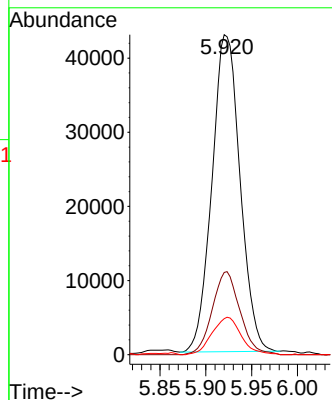
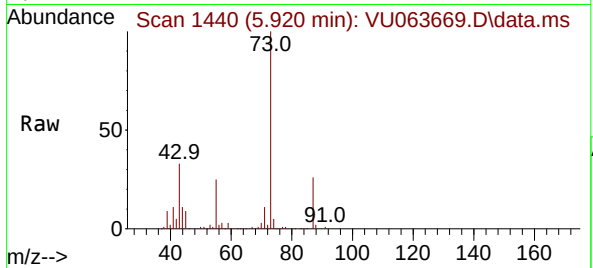




#33
Tert-Amyl methyl ether
Concen: 2.067 ug/l
RT: 5.920 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

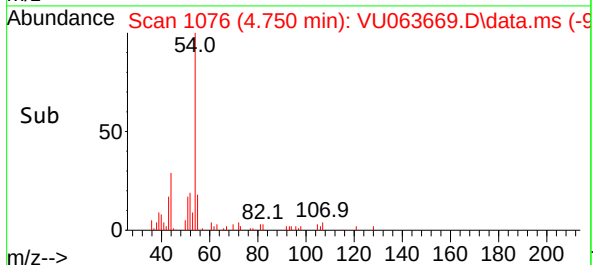
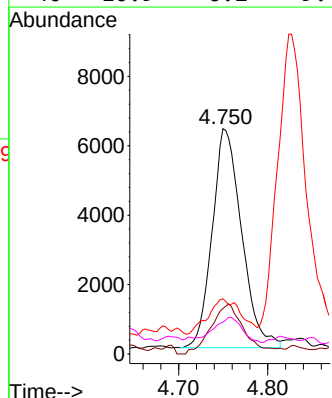
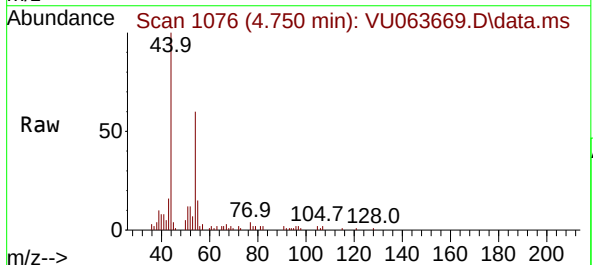
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

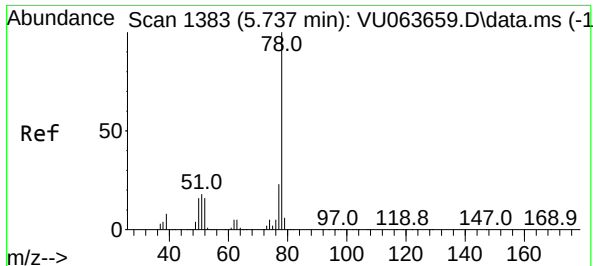
Tgt Ion: 73	Resp: 91235
Ion Ratio	Lower Upper
73 100	
87 25.7	20.0 30.0
71 12.2	9.0 13.4



#34
Propionitrile
Concen: 10.505 ug/l
RT: 4.750 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt	Ion: 54	Resp:	14466
Ion	Ratio	Lower	Upper
54	100		
52	26.2	15.8	23.6#
55	18.0	11.3	16.9#
40	10.9	6.2	9.4#

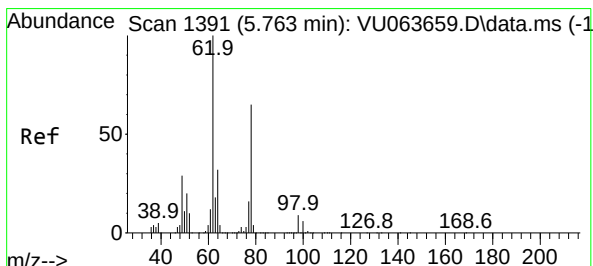
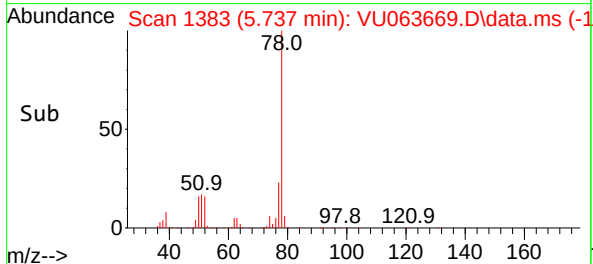
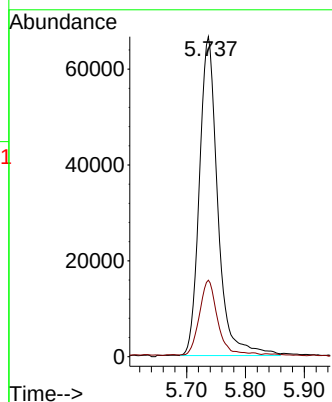
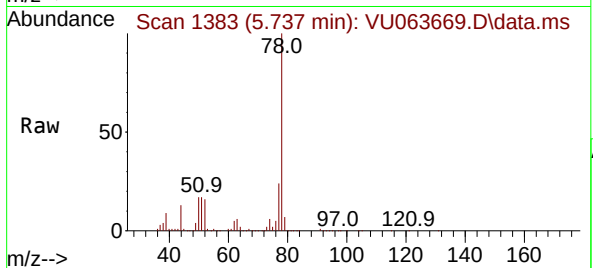




#35
Benzene
Concen: 2.039 ug/l
RT: 5.737 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

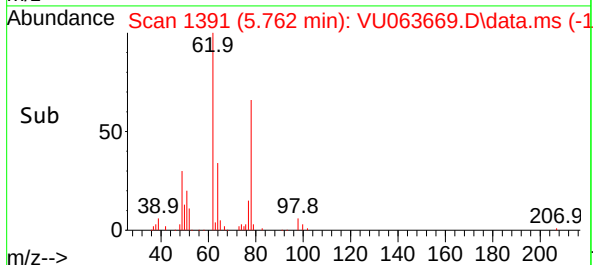
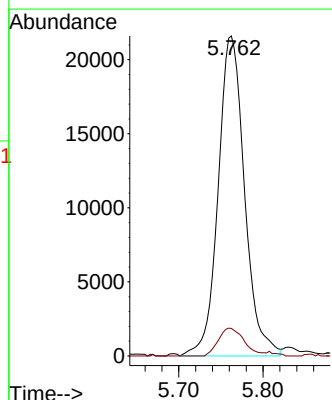
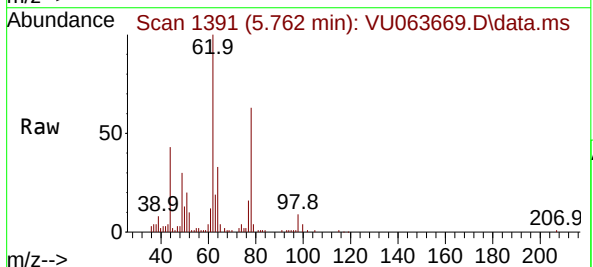
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

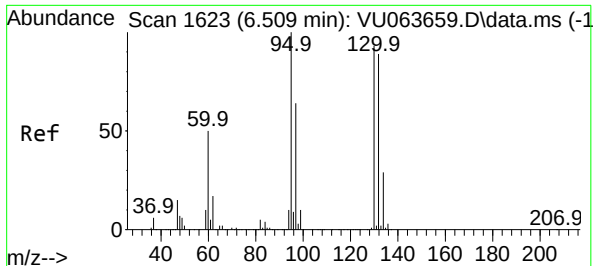
Tgt Ion: 78 Resp: 144601
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5



#36
1,2-Dichloroethane
Concen: 2.060 ug/l
RT: 5.762 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 62 Resp: 46900
Ion Ratio Lower Upper
62 100
98 8.4 6.8 10.2





#37

Trichloroethene

Concen: 2.020 ug/l

RT: 6.508 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

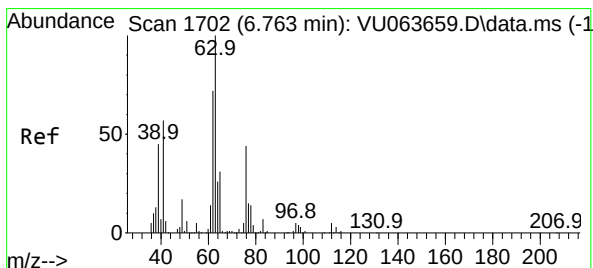
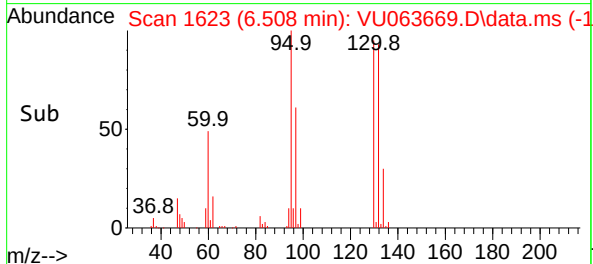
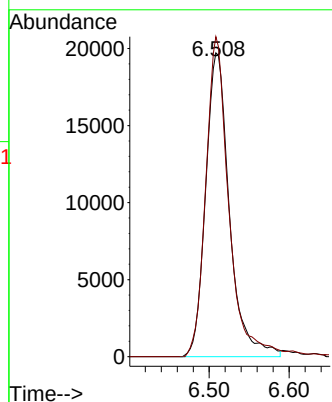
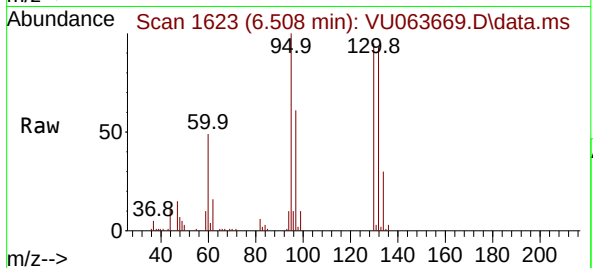
VU1105WBS01

Tgt Ion:130 Resp: 40818

Ion Ratio Lower Upper

130 100

95 105.3 86.0 129.0



#38

1,2-Dichloropropane

Concen: 1.963 ug/l

RT: 6.762 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VU063669.D

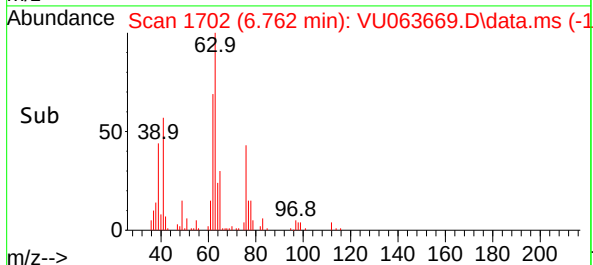
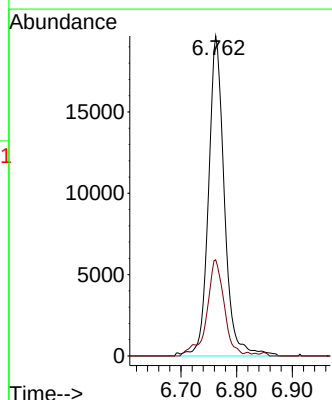
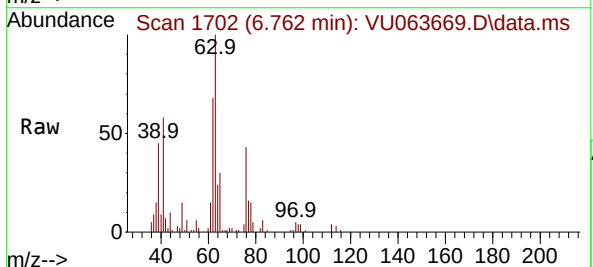
Acq: 05 Nov 2025 12:46

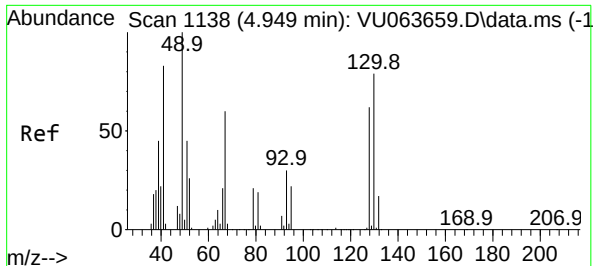
Tgt Ion: 63 Resp: 38951

Ion Ratio Lower Upper

63 100

65 30.1 24.5 36.7





#39

Methacrylonitrile

Concen: 1.862 ug/l

RT: 4.952 min Scan# 1138

Delta R.T. 0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

Tgt Ion: 41 Resp: 12761

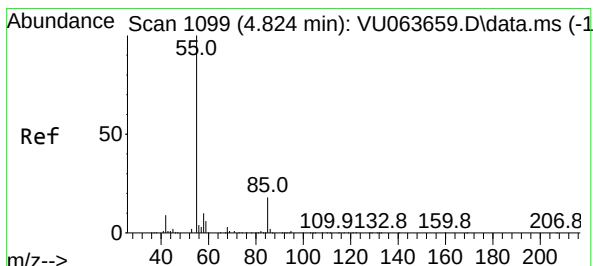
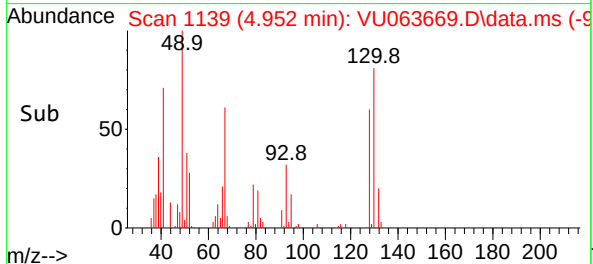
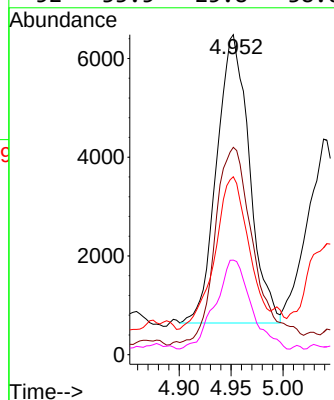
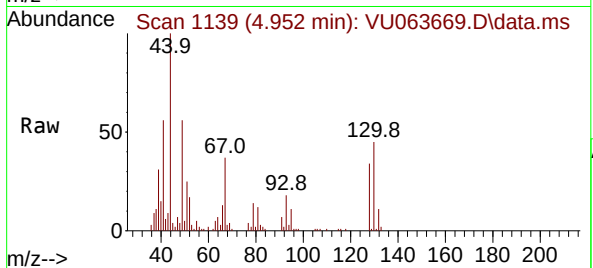
Ion Ratio Lower Upper

41 100

67 82.0 61.4 92.2

39 55.3 46.5 69.7

52 33.5 25.8 38.6



#40

Methyl acrylate

Concen: 1.900 ug/l

RT: 4.824 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Tgt Ion: 55 Resp: 18912

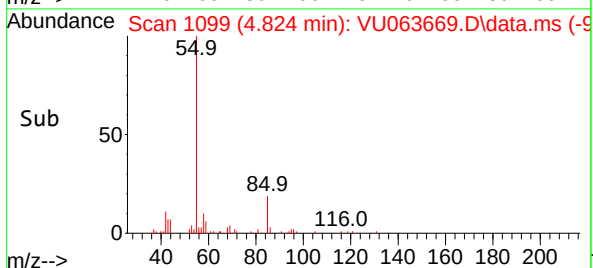
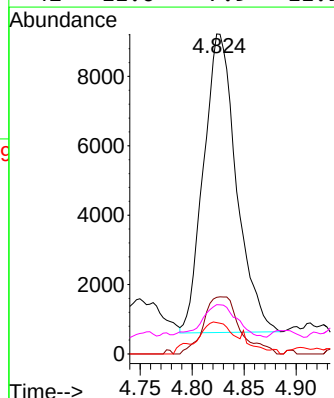
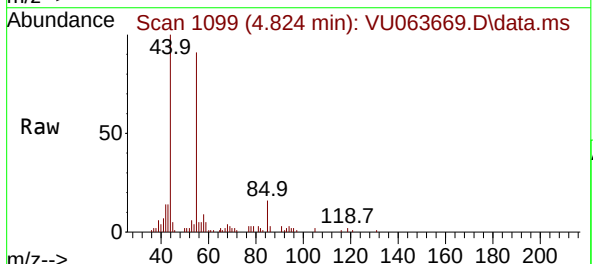
Ion Ratio Lower Upper

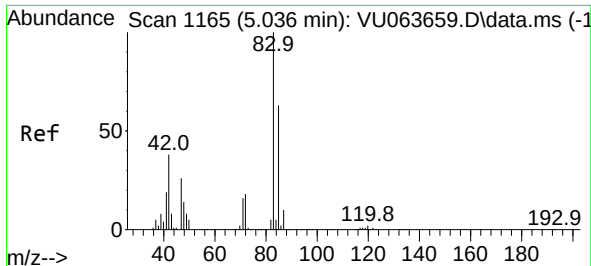
55 100

85 21.1 15.3 22.9

58 14.1 7.7 11.5#

42 11.6 7.9 11.9

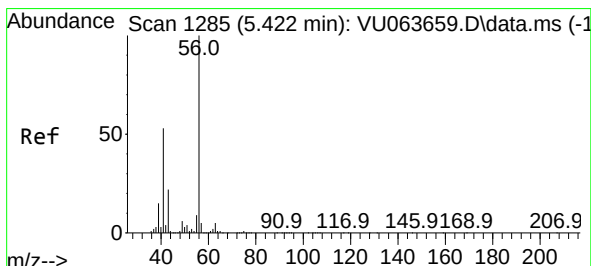
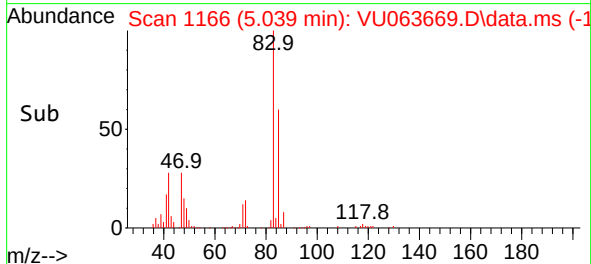
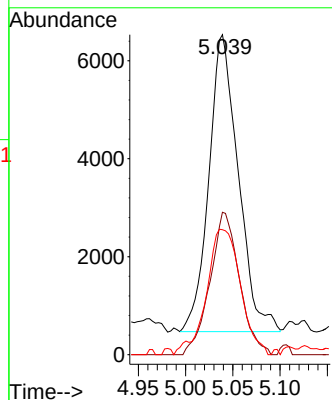
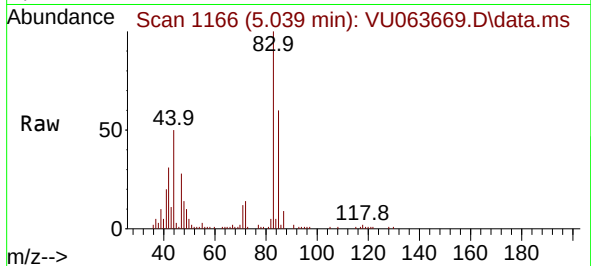




#41
Tetrahydrofuran
Concen: 4.253 ug/l
RT: 5.039 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

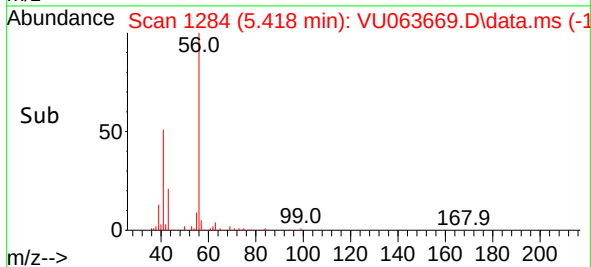
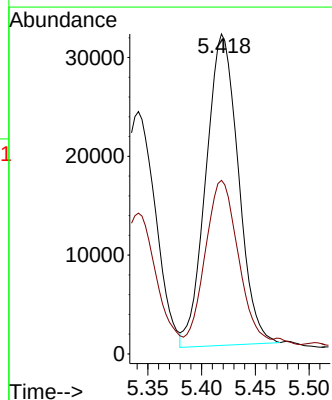
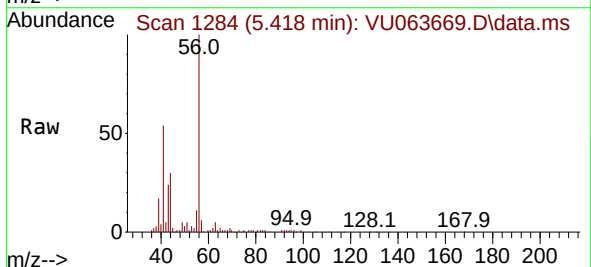
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

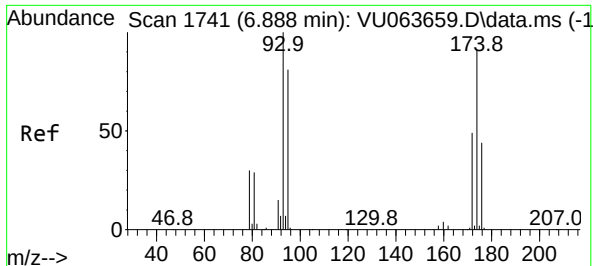
Tgt Ion: 42 Resp: 13119
Ion Ratio Lower Upper
42 100
72 47.9 40.5 60.7
71 48.5 35.0 52.6



#42
1-Chlorobutane
Concen: 1.960 ug/l
RT: 5.418 min Scan# 1284
Delta R.T. -0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 56 Resp: 66099
Ion Ratio Lower Upper
56 100
41 51.1 25.9 77.6

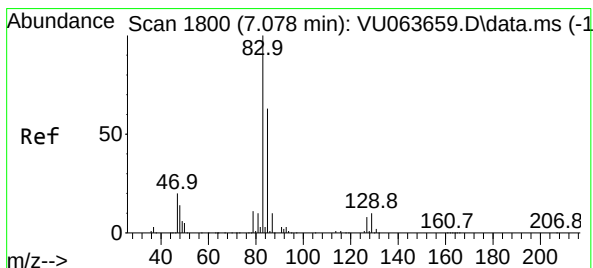
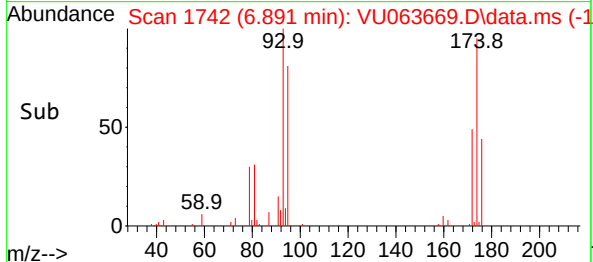
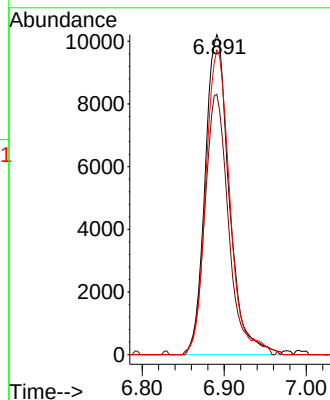
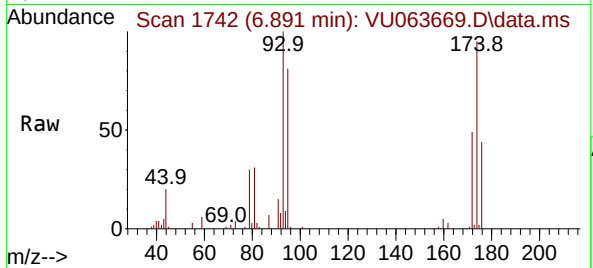




#43
Dibromomethane
Concen: 2.029 ug/l
RT: 6.891 min Scan# 1742
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

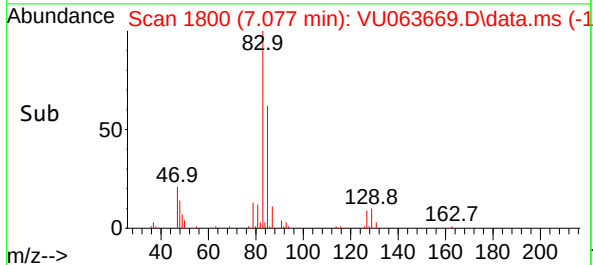
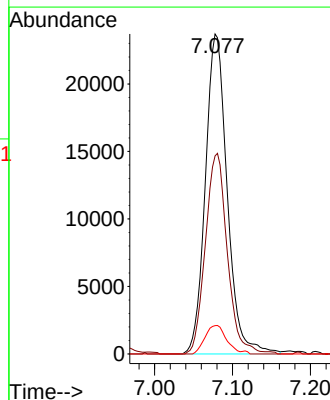
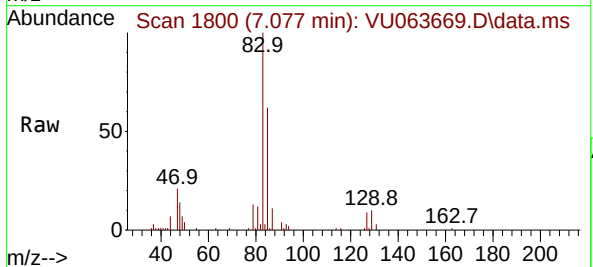
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

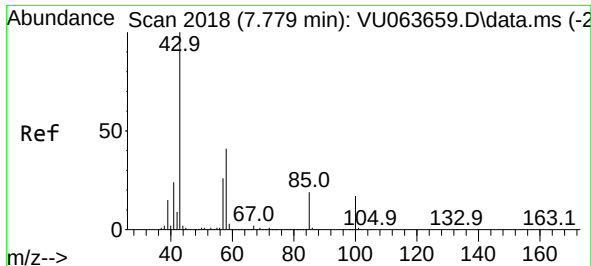
Tgt Ion: 93 Resp: 20832
Ion Ratio Lower Upper
93 100
95 80.5 64.6 97.0
174 95.1 73.8 110.8



#44
Bromodichloromethane
Concen: 1.845 ug/l
RT: 7.077 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 83 Resp: 46314
Ion Ratio Lower Upper
83 100
85 61.9 50.5 75.7
127 9.7 6.4 9.6





#45

4-Methyl-2-Pentanone

Concen: 9.360 ug/l

RT: 7.778 min Scan# 20

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

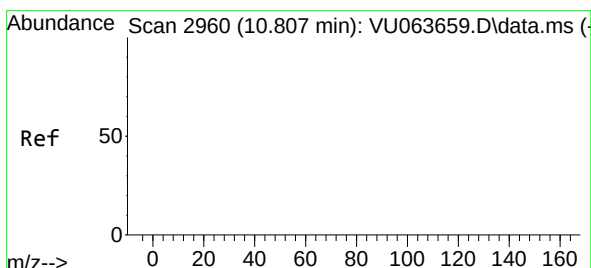
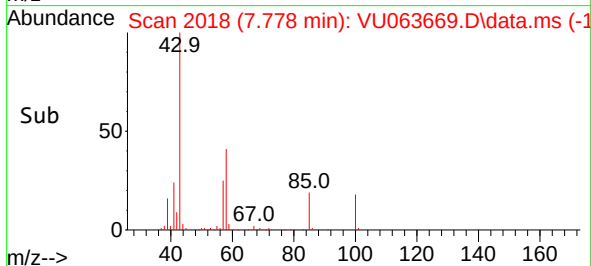
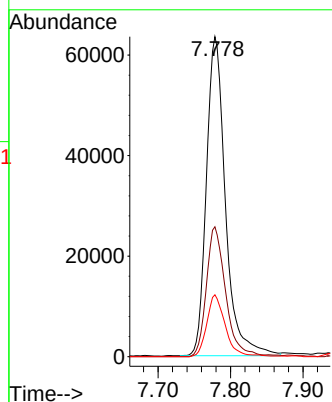
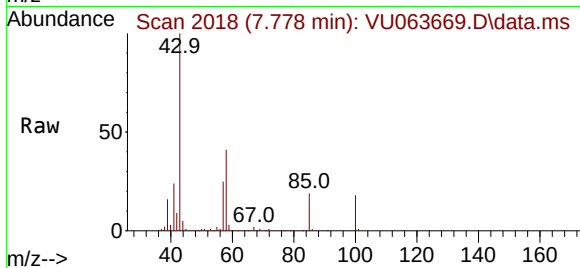
Tgt Ion: 43 Resp: 115881

Ion Ratio Lower Upper

43 100

58 41.1 20.2 60.5

85 19.0 15.0 22.6



#46

t-1,4-Dichloro-2-butene

Concen: 8.991 ug/l

RT: 10.798 min Scan# 2957

Delta R.T. -0.010 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Tgt Ion: 75 Resp: 38609

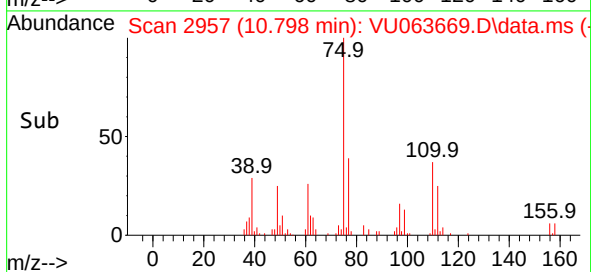
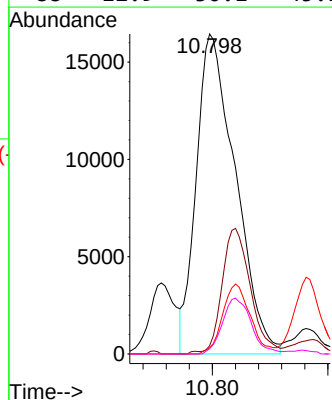
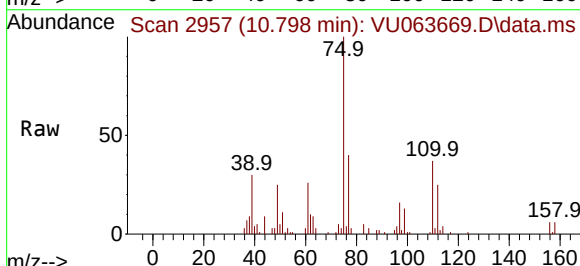
Ion Ratio Lower Upper

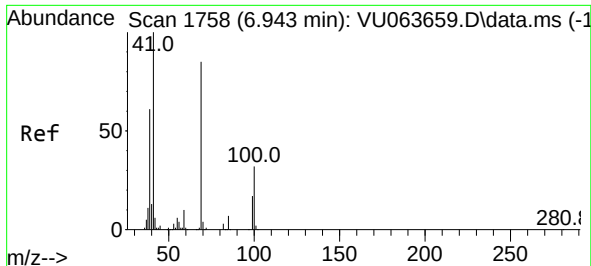
75 100

53 28.6 57.2 85.8#

89 15.7 37.9 56.9#

88 12.9 30.1 45.1#





#47

Methyl methacrylate

Concen: 4.020 ug/l

RT: 6.946 min Scan# 1758

Delta R.T. 0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

Tgt Ion: 69 Resp: 37969

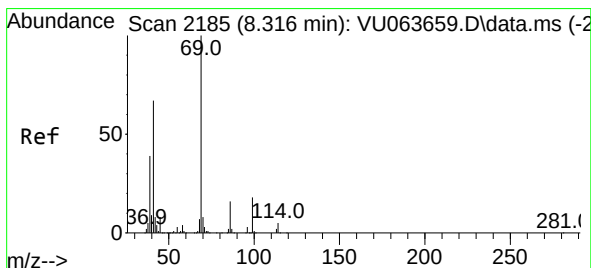
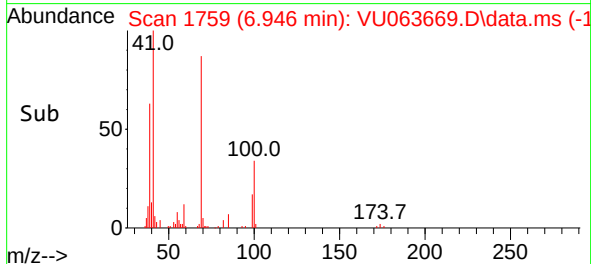
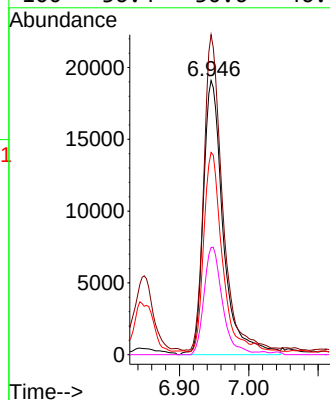
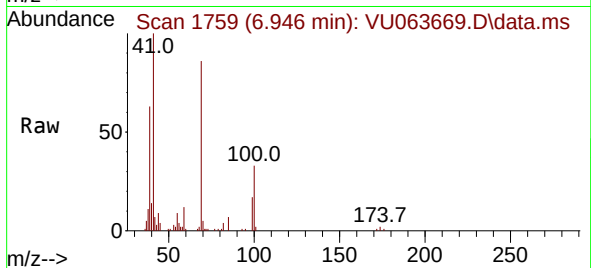
Ion Ratio Lower Upper

69 100

41 107.1 0.0 228.2

39 66.6 56.2 84.4

100 36.4 30.6 46.0



#48

Ethyl methacrylate

Concen: 1.857 ug/l

RT: 8.315 min Scan# 2185

Delta R.T. -0.000 min

Lab File: VU063669.D

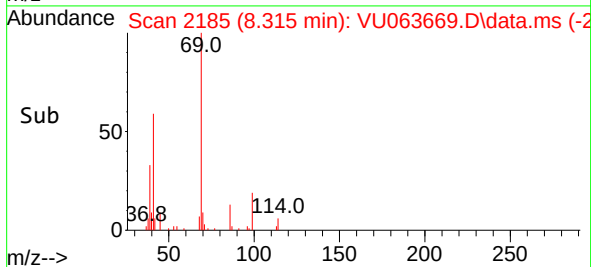
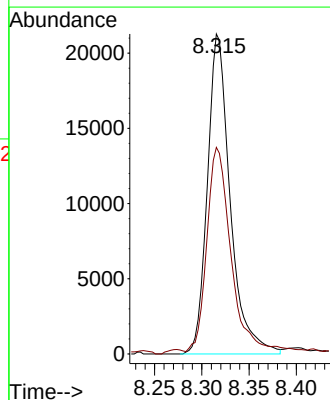
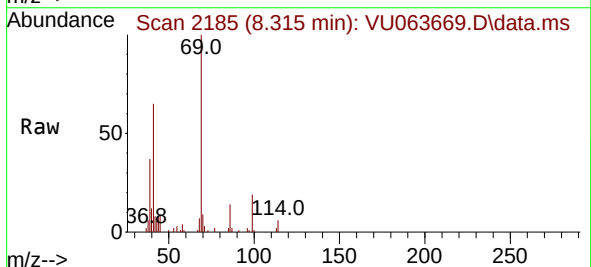
Acq: 05 Nov 2025 12:46

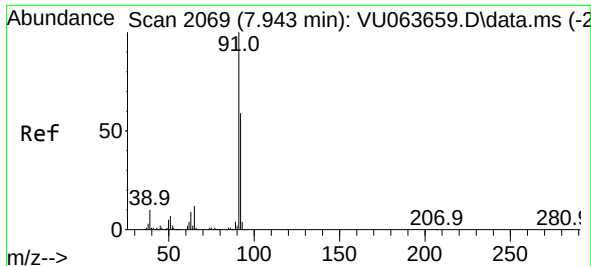
Tgt Ion: 69 Resp: 35673

Ion Ratio Lower Upper

69 100

41 67.2 32.8 98.3





#49

Toluene

Concen: 1.986 ug/l

RT: 7.942 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

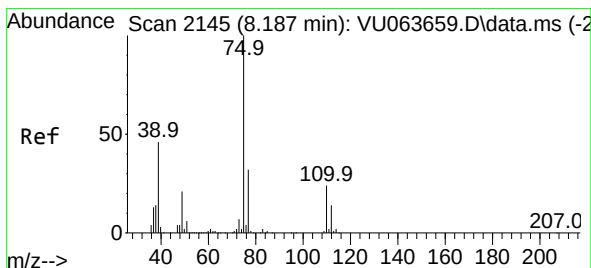
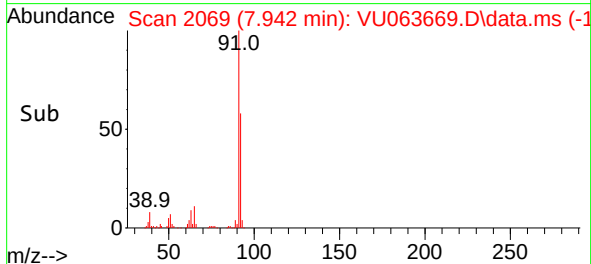
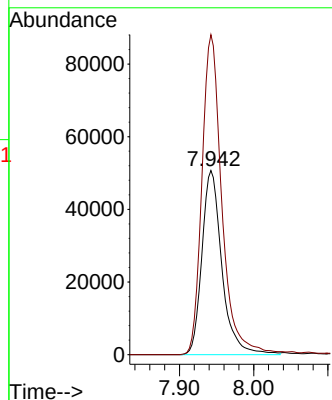
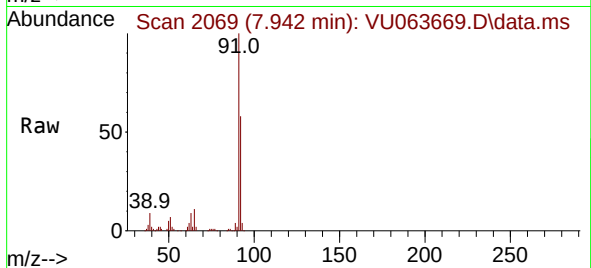
VU1105WBS01

Tgt Ion: 92 Resp: 95005

Ion Ratio Lower Upper

92 100

91 173.3 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 1.848 ug/l

RT: 8.187 min Scan# 2145

Delta R.T. -0.000 min

Lab File: VU063669.D

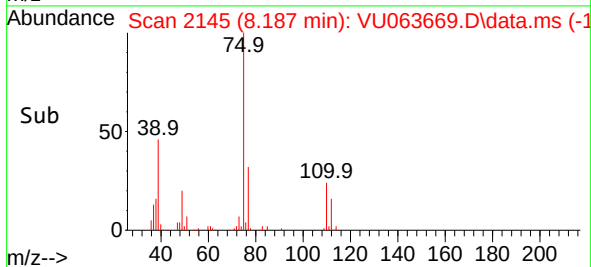
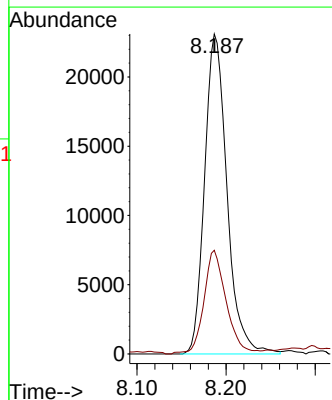
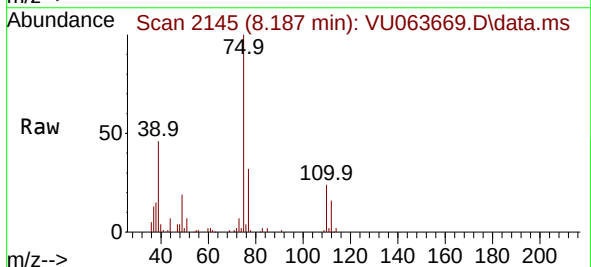
Acq: 05 Nov 2025 12:46

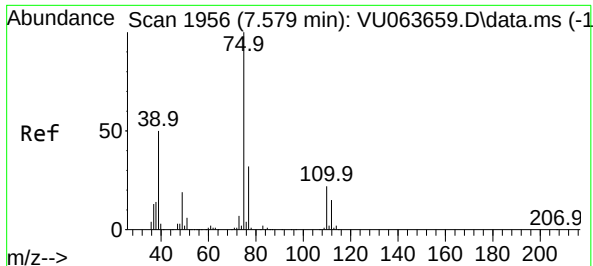
Tgt Ion: 75 Resp: 40318

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6





#51

cis-1,3-Dichloropropene

Concen: 1.829 ug/l

RT: 7.582 min Scan# 1956

Delta R.T. 0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

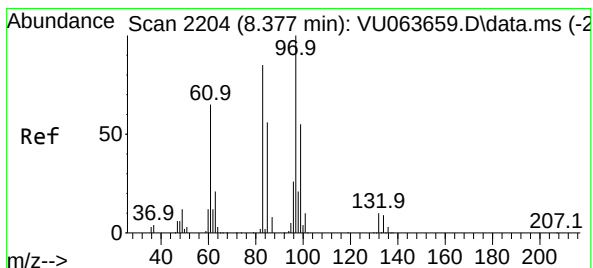
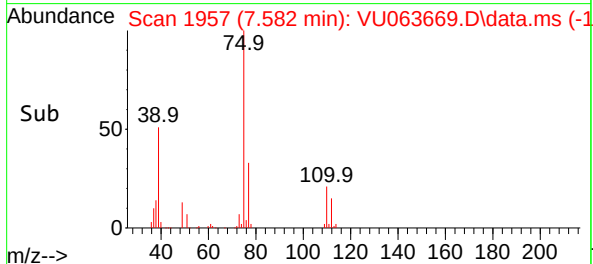
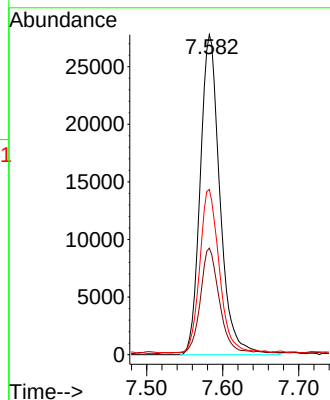
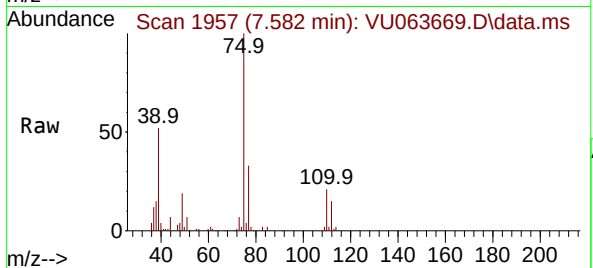
Tgt Ion: 75 Resp: 49923

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

39 50.9 39.9 59.9



#52

1,1,2-Trichloroethane

Concen: 2.022 ug/l

RT: 8.376 min Scan# 2204

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Tgt Ion: 97 Resp: 28221

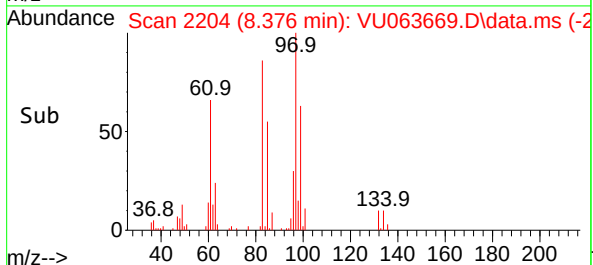
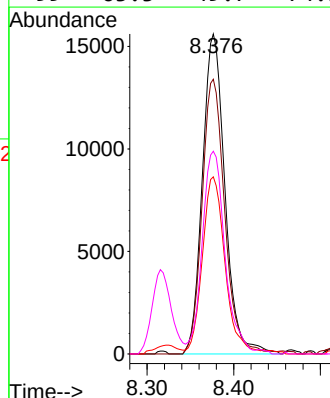
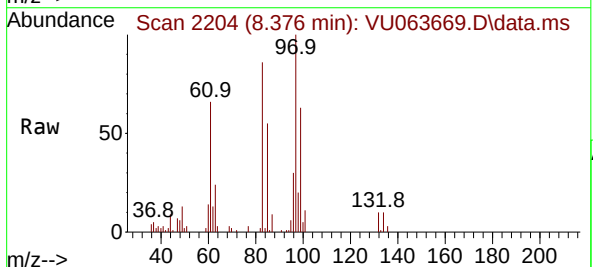
Ion Ratio Lower Upper

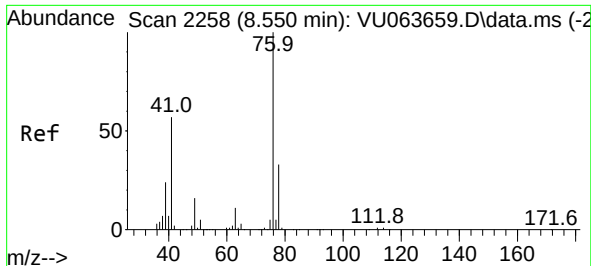
97 100

83 85.8 68.3 102.5

85 54.6 45.3 67.9

99 63.3 49.7 74.5





#53

1,3-Dichloropropane

Concen: 1.989 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

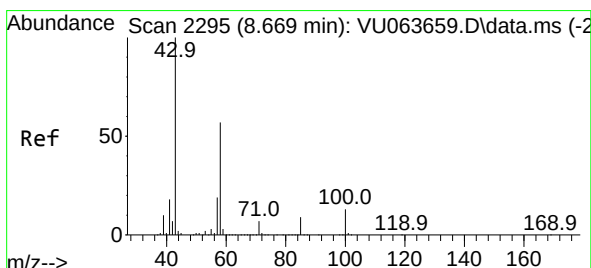
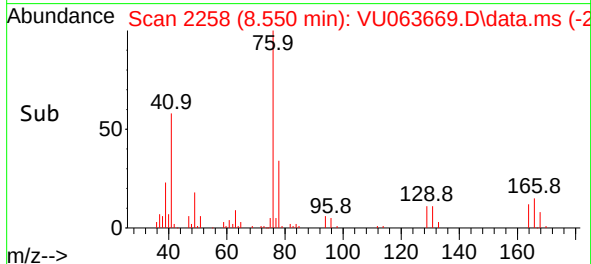
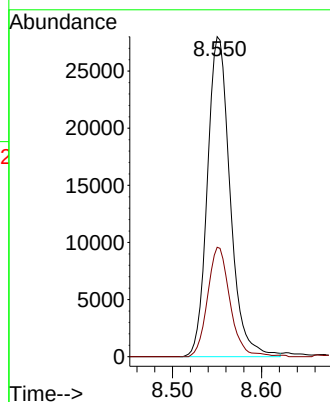
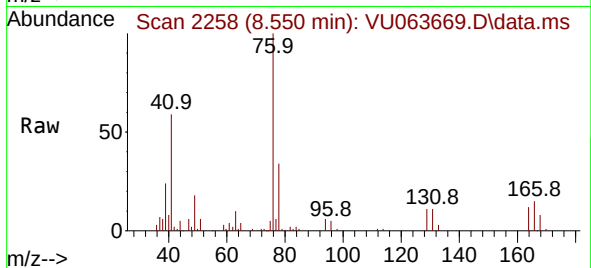
VU1105WBS01

Tgt Ion: 76 Resp: 49601

Ion Ratio Lower Upper

76 100

78 33.8 25.8 38.6



#54

2-Hexanone

Concen: 8.382 ug/l

RT: 8.669 min Scan# 2295

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

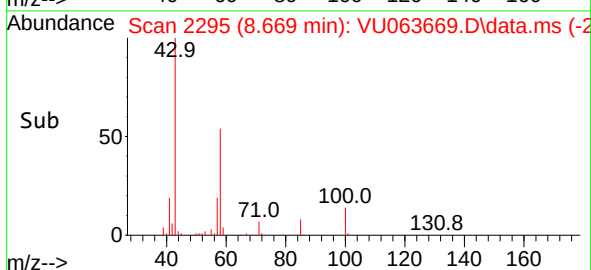
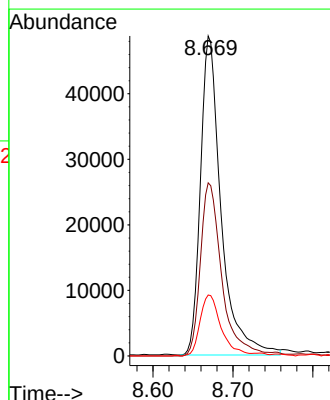
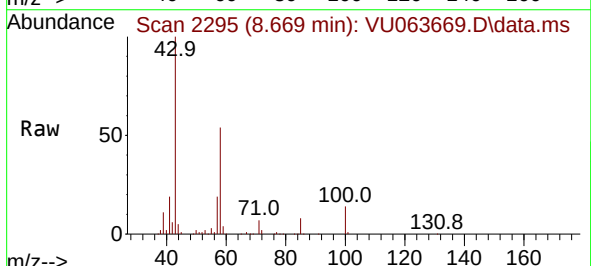
Tgt Ion: 43 Resp: 87609

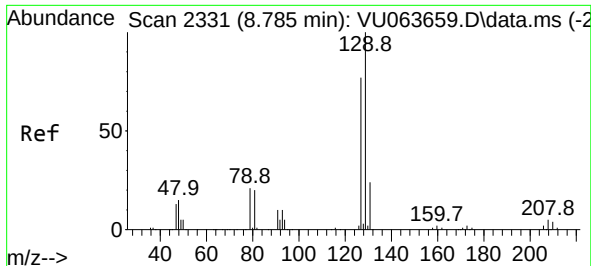
Ion Ratio Lower Upper

43 100

58 55.9 36.3 76.3

57 19.6 0.0 39.7





#55

Dibromochloromethane

Concen: 1.849 ug/l

RT: 8.785 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

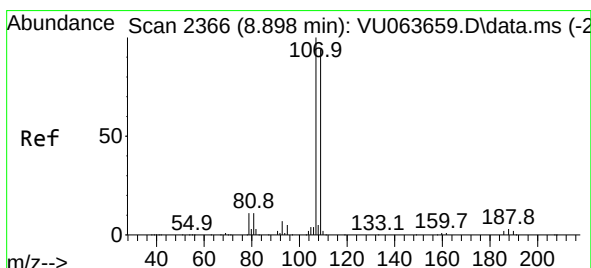
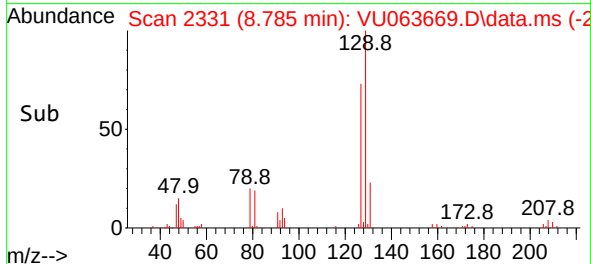
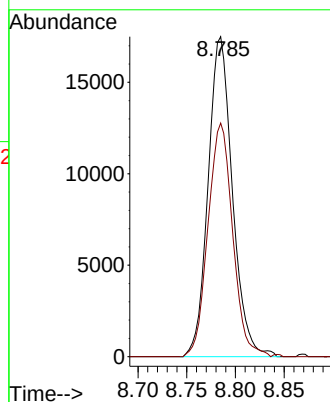
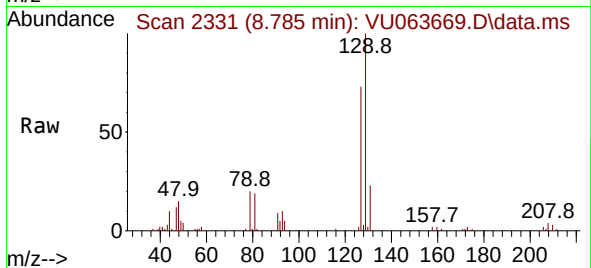
VU1105WBS01

Tgt Ion:129 Resp: 30386

Ion Ratio Lower Upper

129 100

127 74.0 61.4 92.0



#56

1,2-Dibromoethane

Concen: 1.970 ug/l

RT: 8.901 min Scan# 2367

Delta R.T. 0.003 min

Lab File: VU063669.D

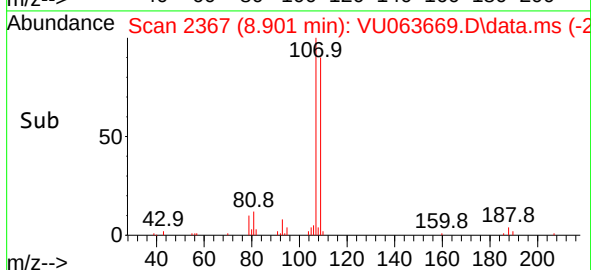
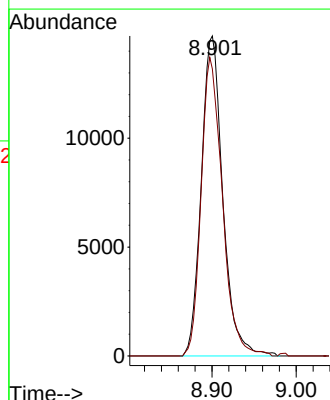
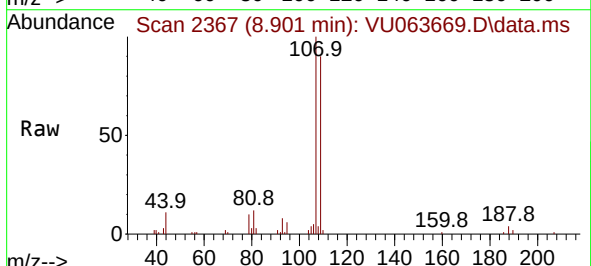
Acq: 05 Nov 2025 12:46

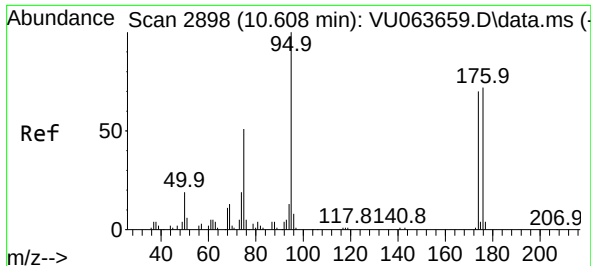
Tgt Ion:107 Resp: 26169

Ion Ratio Lower Upper

107 100

109 92.2 0.0 188.0

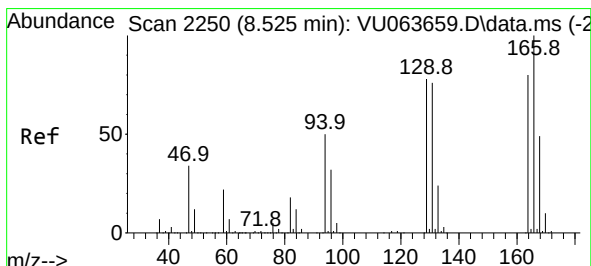
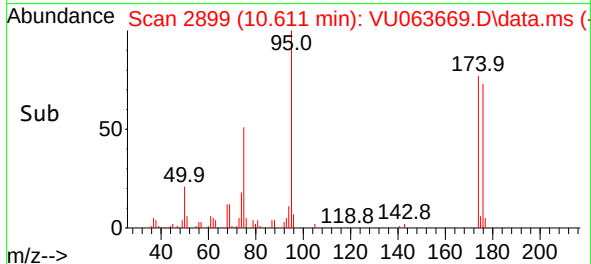
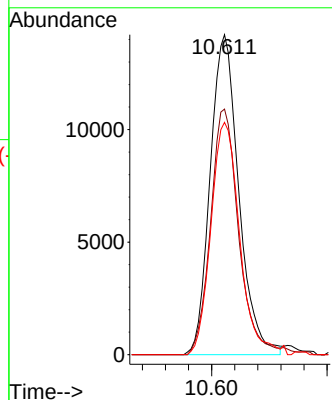
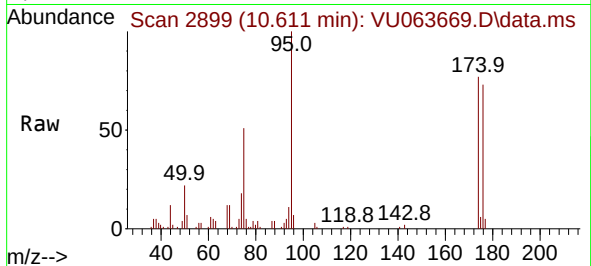




#57
4-Bromofluorobenzene
Concen: 0.957 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

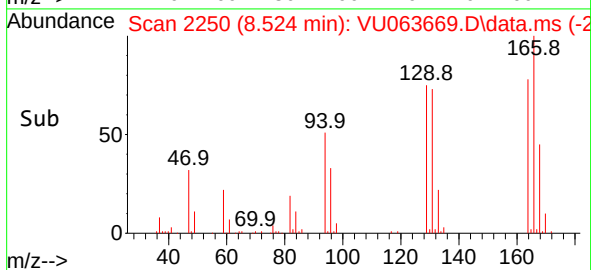
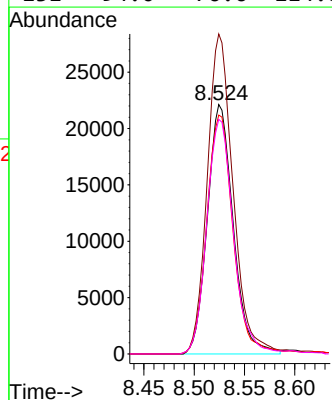
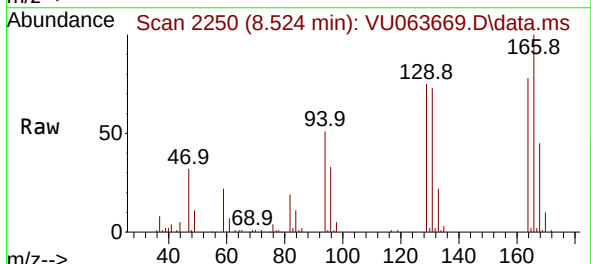
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

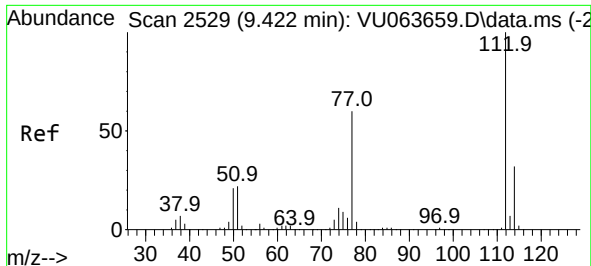
Tgt Ion: 95 Resp: 24417
Ion Ratio Lower Upper
95 100
174 75.8 59.9 89.9
176 73.0 58.8 88.2



#58
Tetrachloroethene
Concen: 2.000 ug/l
RT: 8.524 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 164 Resp: 39551
Ion Ratio Lower Upper
164 100
166 128.3 100.1 150.1
129 95.7 77.6 116.4
131 94.0 76.6 114.8

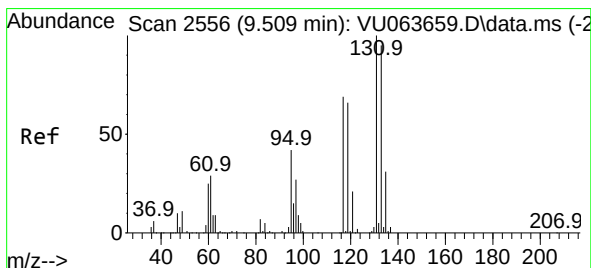
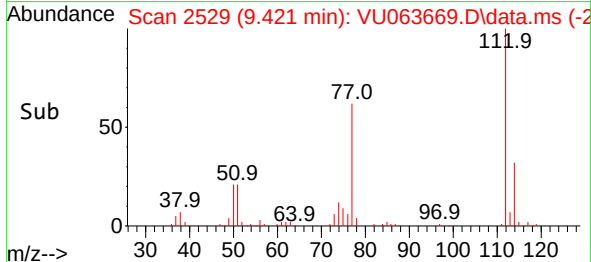
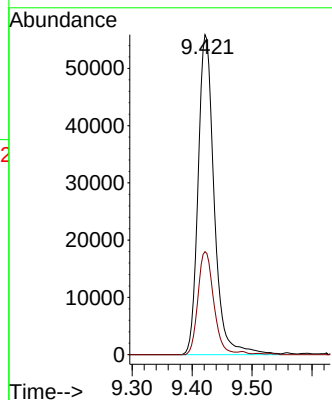
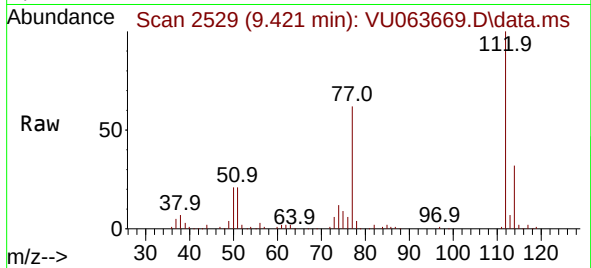




#59
Chlorobenzene
Concen: 2.018 ug/l
RT: 9.421 min Scan# 2529
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

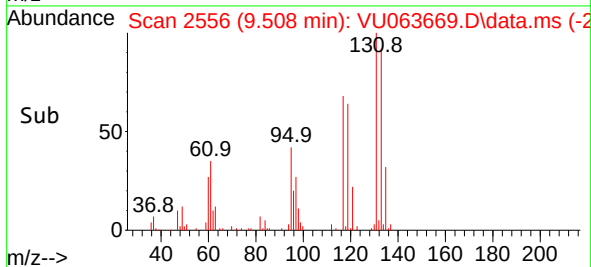
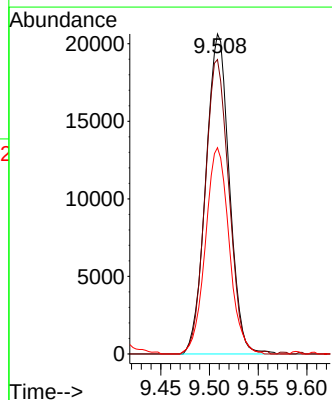
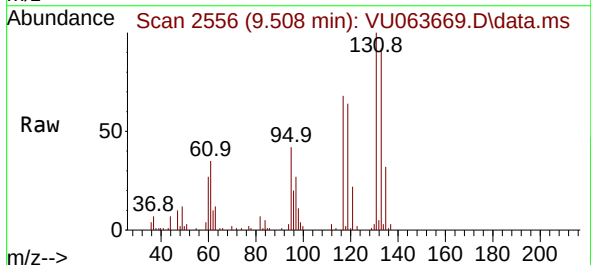
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

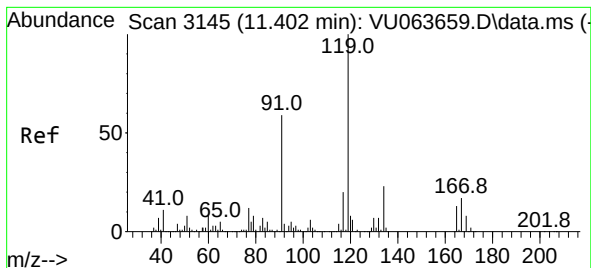
Tgt Ion:112 Resp: 104637
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#60
1,1,1,2-Tetrachloroethane
Concen: 1.908 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion:131 Resp: 34638
Ion Ratio Lower Upper
131 100
133 92.9 77.0 115.6
119 65.1 52.8 79.2





#61

Pentachloroethane

Concen: 1.845 ug/l

RT: 11.399 min Scan# 3144

Delta R.T. -0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

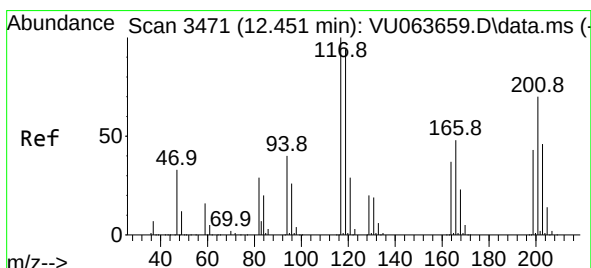
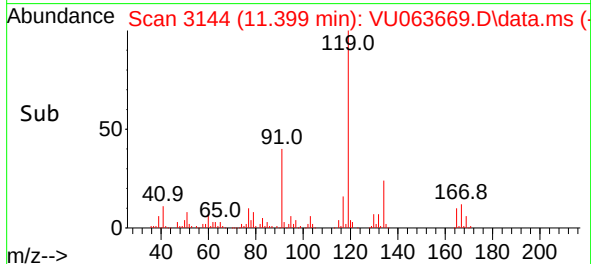
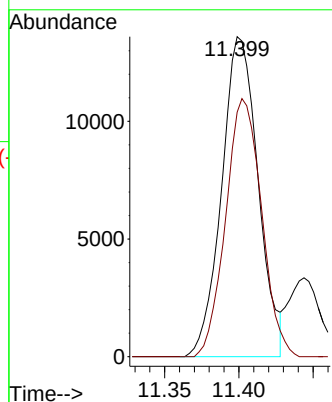
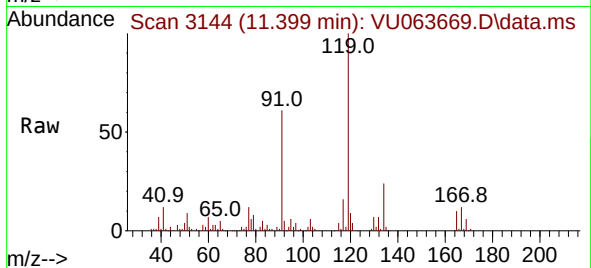
VU1105WBS01

Tgt Ion:117 Resp: 23245

Ion Ratio Lower Upper

117 100

167 79.2 62.8 94.2



#62

Hexachloroethane

Concen: 1.718 ug/l

RT: 12.450 min Scan# 3471

Delta R.T. -0.000 min

Lab File: VU063669.D

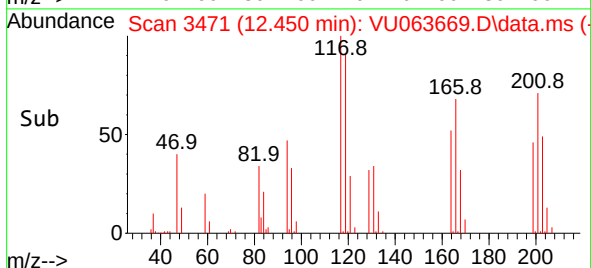
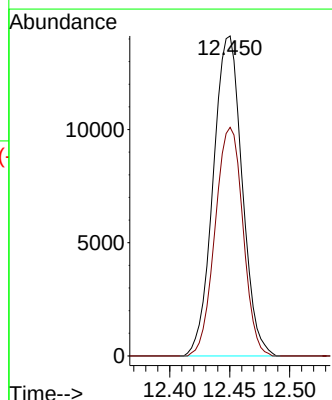
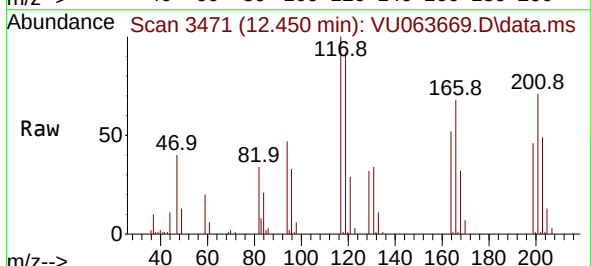
Acq: 05 Nov 2025 12:46

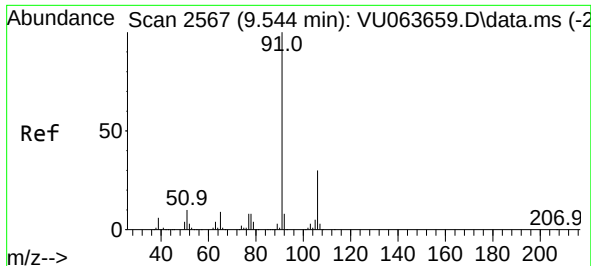
Tgt Ion:117 Resp: 23718

Ion Ratio Lower Upper

117 100

201 68.7 56.3 84.5

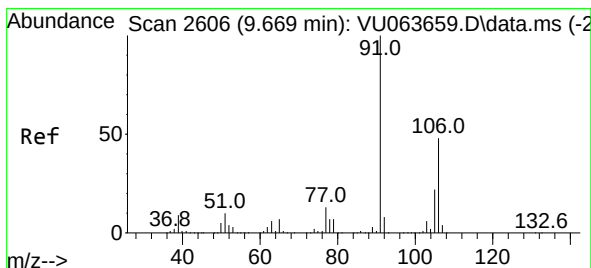
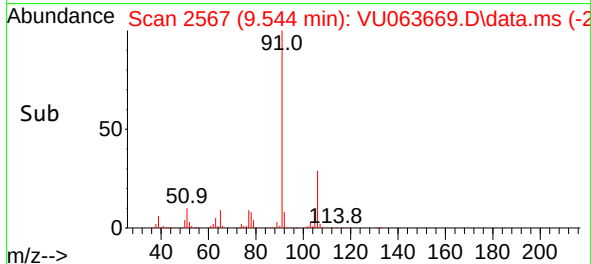
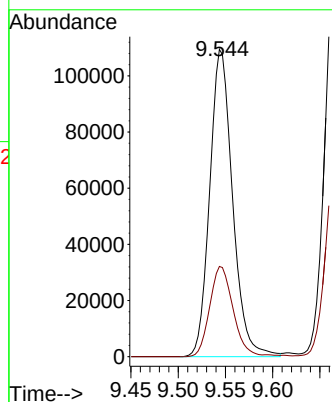
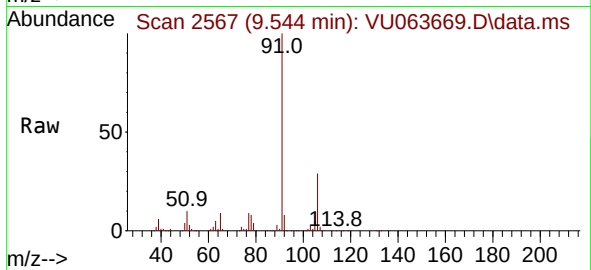




#63
Ethyl Benzene
Concen: 1.960 ug/l
RT: 9.544 min Scan# 2567
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

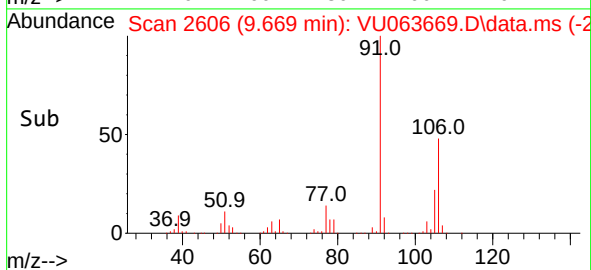
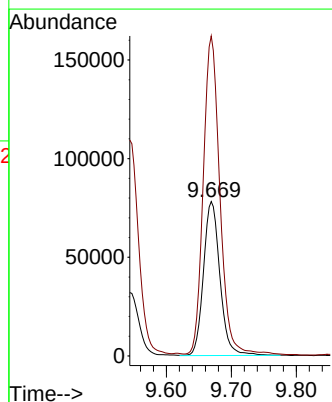
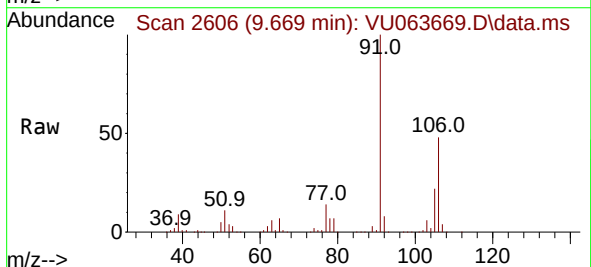
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

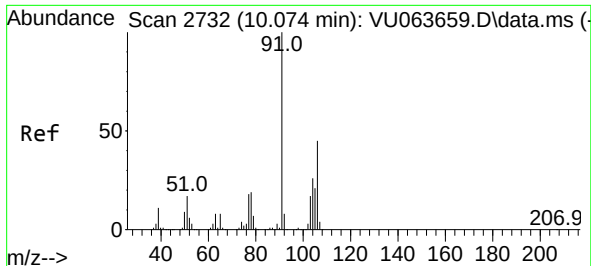
Tgt Ion: 91 Resp: 184158
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1



#64
m/p-Xylenes
Concen: 3.935 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 106 Resp: 137992
Ion Ratio Lower Upper
106 100
91 205.3 167.0 250.4

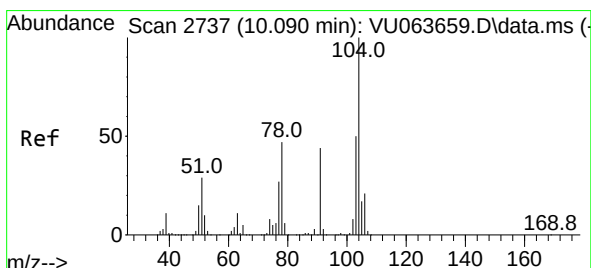
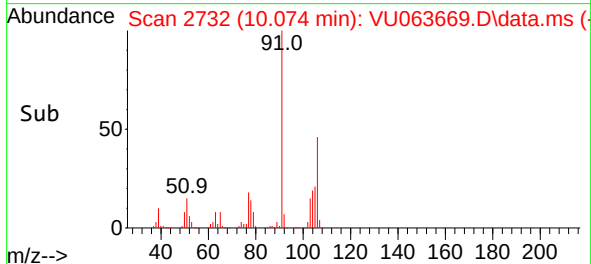
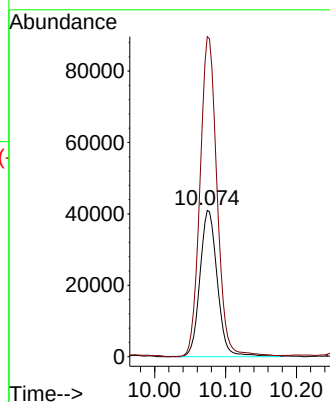
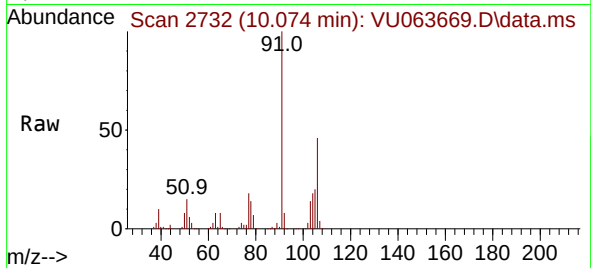




#65
o-Xylene
Concen: 2.028 ug/l
RT: 10.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

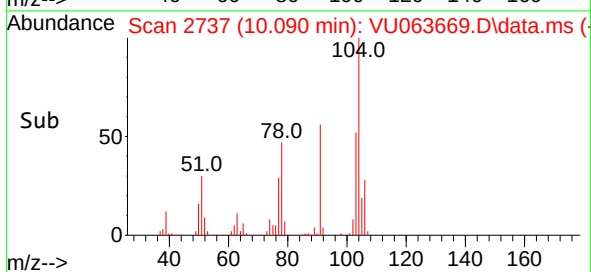
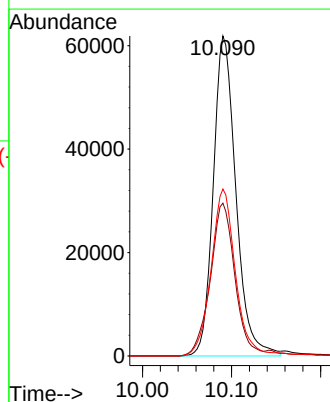
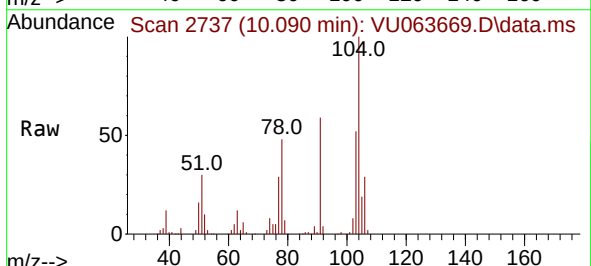
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

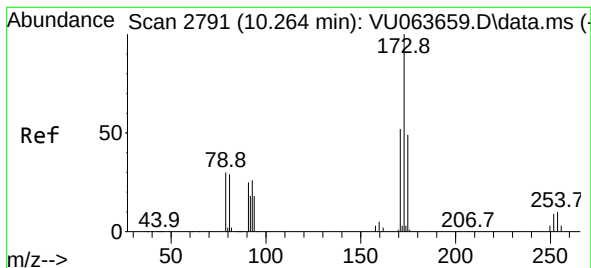
Tgt Ion:106 Resp: 69685
Ion Ratio Lower Upper
106 100
91 215.7 109.3 327.9



#66
Styrene
Concen: 1.958 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion:104 Resp: 109136
Ion Ratio Lower Upper
104 100
78 51.6 42.8 64.2
103 56.8 43.9 65.9





#67

Bromoform

Concen: 1.764 ug/l

RT: 10.264 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

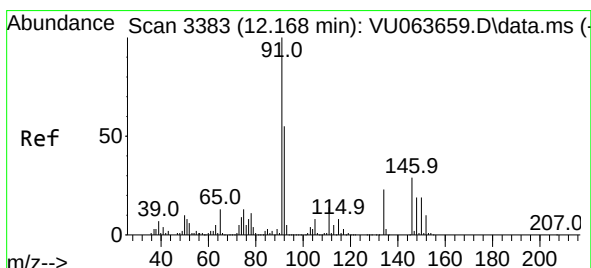
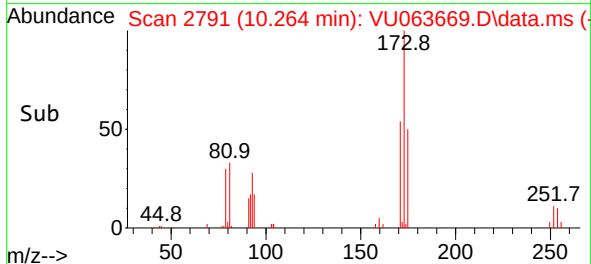
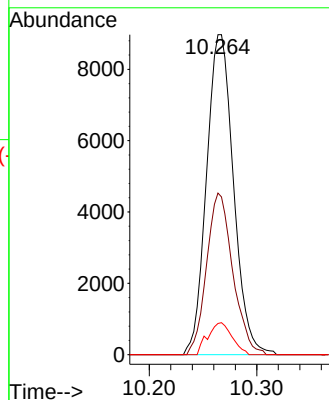
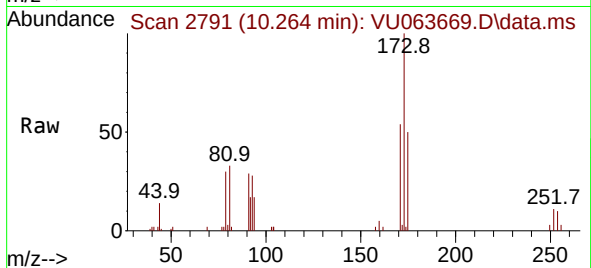
Tgt Ion:173 Resp: 15648

Ion Ratio Lower Upper

173 100

175 49.0 39.0 58.4

254 9.0 7.4 11.0



#68

1,2-Dichlorobenzene-d4

Concen: 0.967 ug/l

RT: 12.167 min Scan# 3383

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

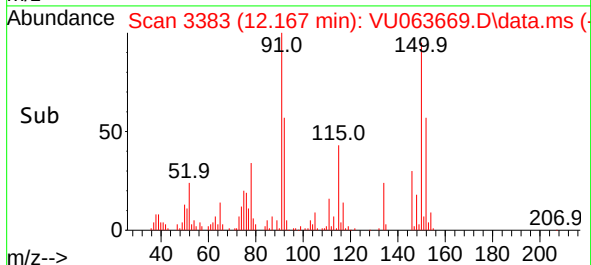
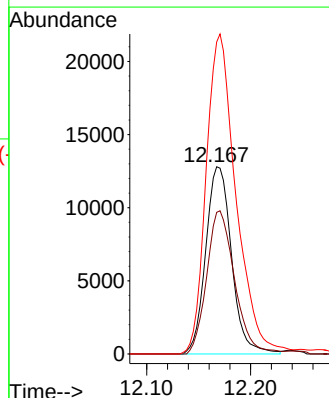
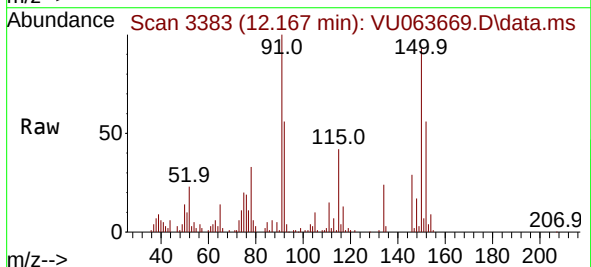
Tgt Ion:152 Resp: 22127

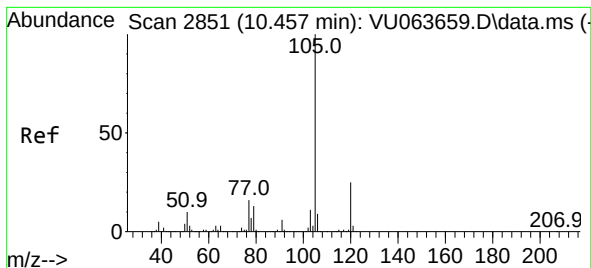
Ion Ratio Lower Upper

152 100

115 82.8 0.0 247.2

150 197.4 0.0 643.6





#69

Isopropylbenzene

Concen: 1.992 ug/l

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

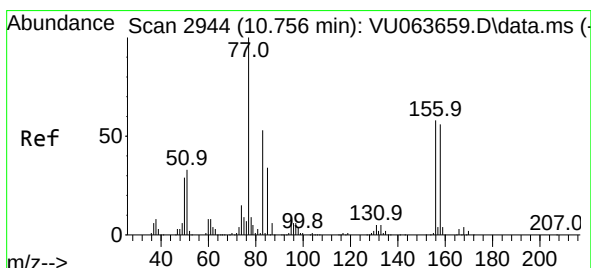
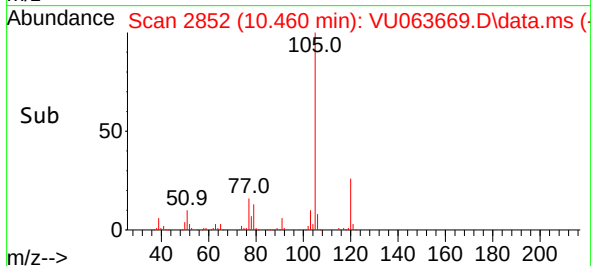
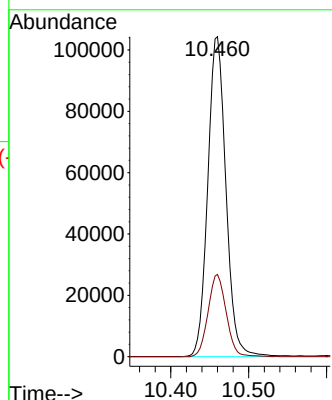
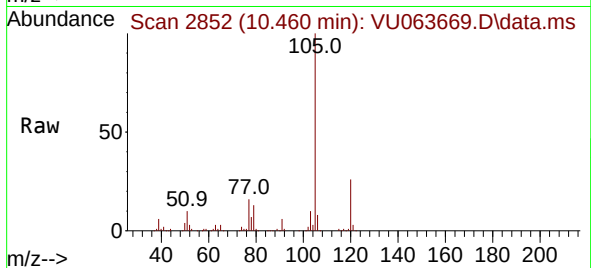
VU1105WBS01

Tgt Ion:105 Resp: 169082

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 2.003 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

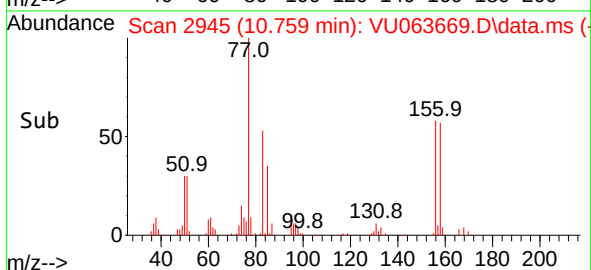
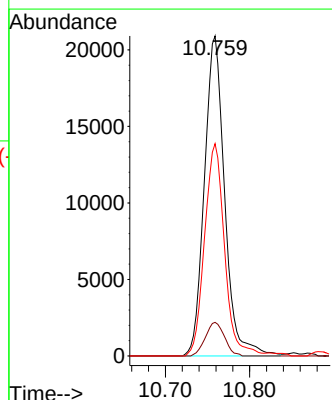
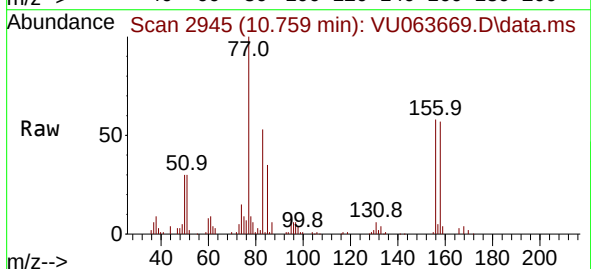
Tgt Ion: 83 Resp: 35118

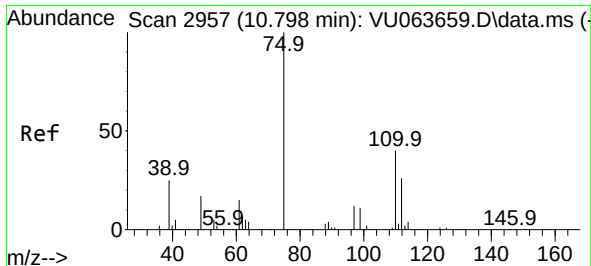
Ion Ratio Lower Upper

83 100

131 9.9 8.1 12.1

85 65.2 51.0 76.6

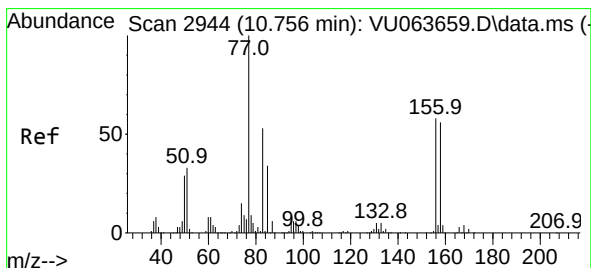
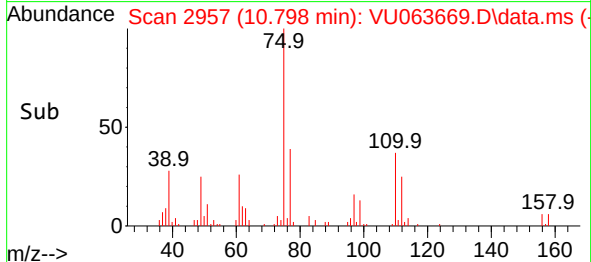
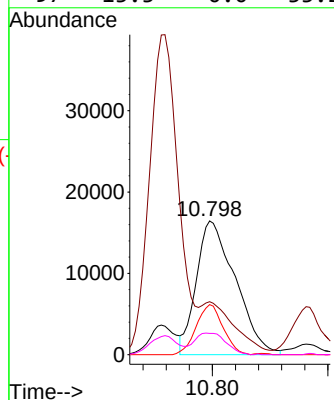
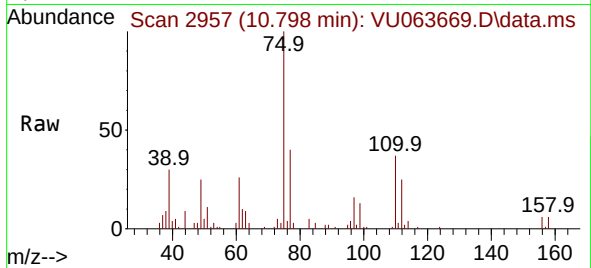




#71
1,2,3-Trichloropropane
Concen: 2.531 ug/l
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

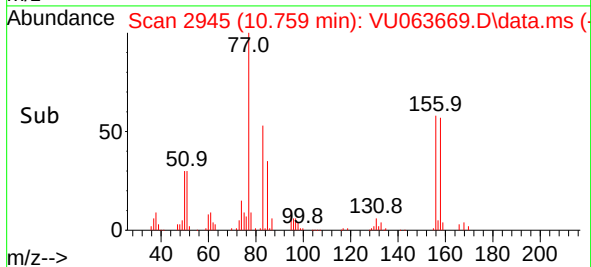
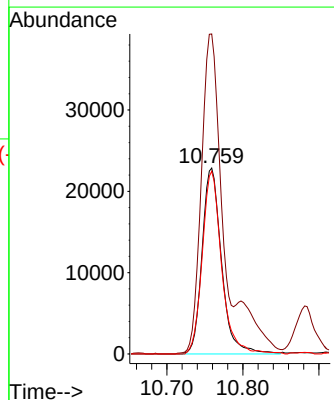
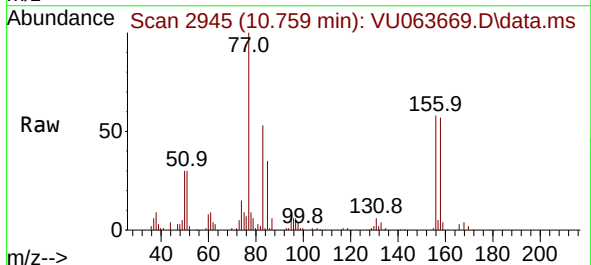
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

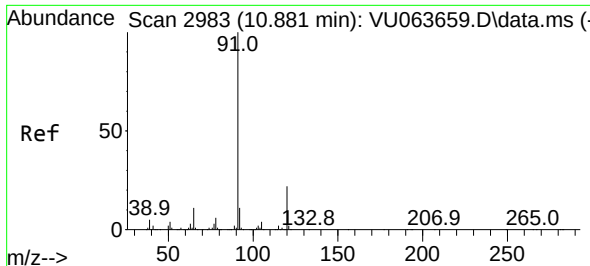
Tgt Ion: 75	Resp: 38609
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 25.8	0.0 66.4
97 13.3	0.0 33.2



#72
Bromobenzene
Concen: 1.983 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 156	Resp: 40692
Ion Ratio	Lower Upper
156 100	
77 170.7	0.0 337.2
158 96.8	0.0 191.8

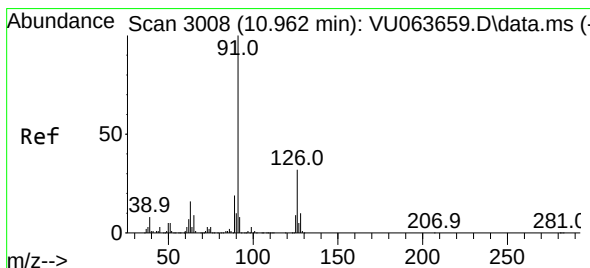
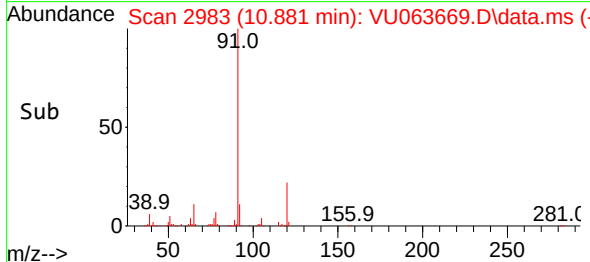
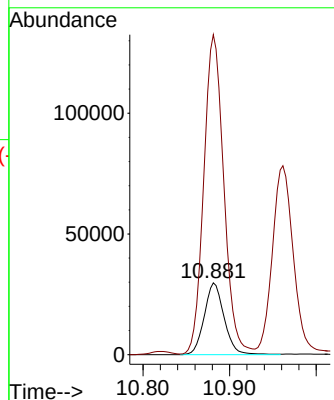
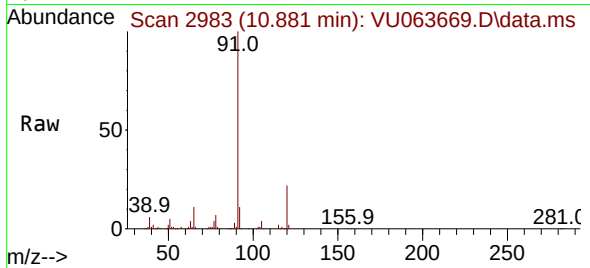




#73
n-propylbenzene
Concen: 1.964 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

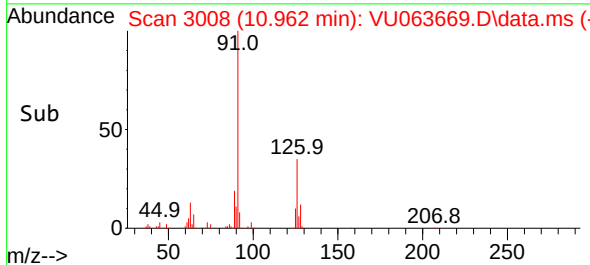
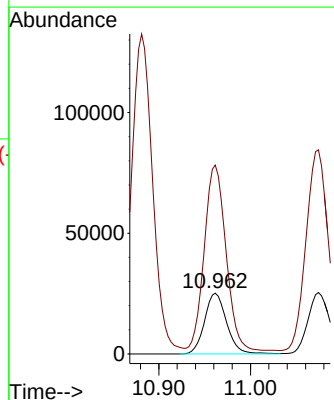
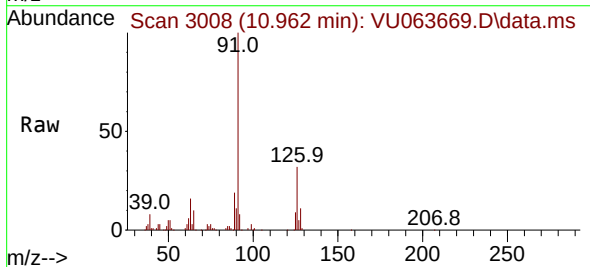
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

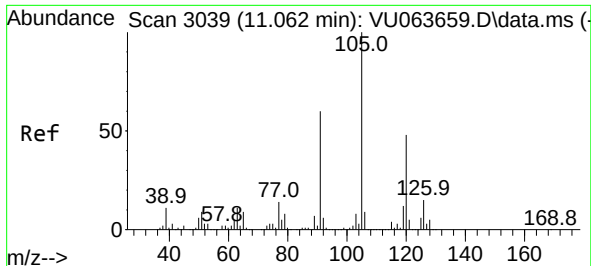
Tgt Ion:120 Resp: 47366
Ion Ratio Lower Upper
120 100
91 448.5 361.4 542.2



#74
2-Chlorotoluene
Concen: 2.016 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion:126 Resp: 42138
Ion Ratio Lower Upper
126 100
91 312.0 0.0 634.8

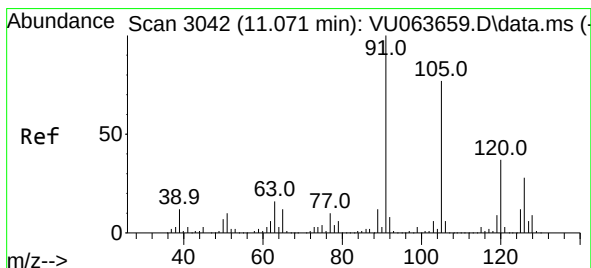
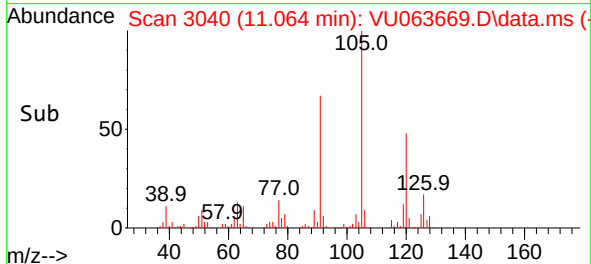
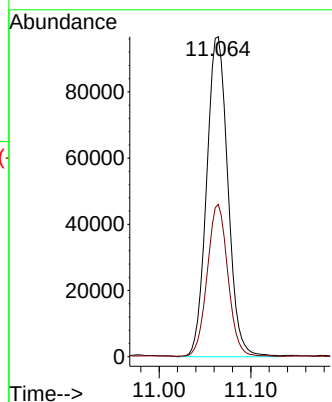
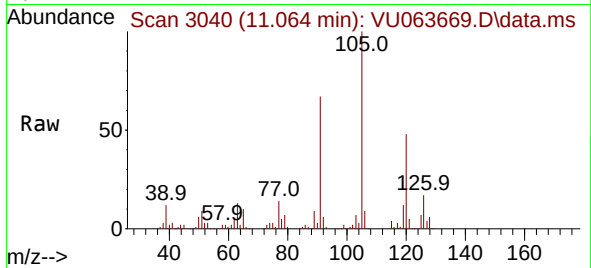




#75
 1,3,5-Trimethylbenzene
 Concen: 1.987 ug/l
 RT: 11.064 min Scan# 3039
 Delta R.T. 0.003 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

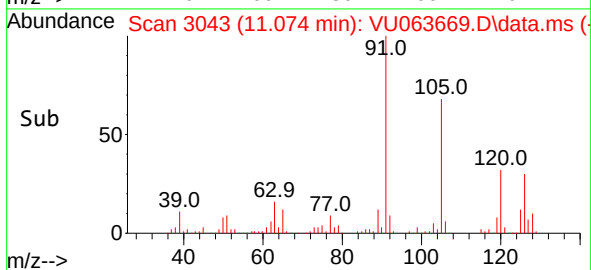
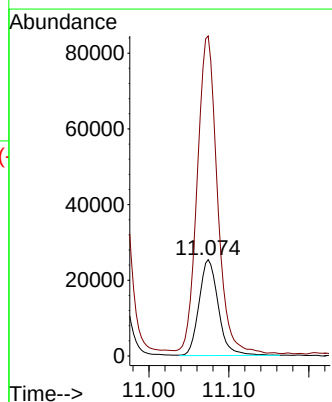
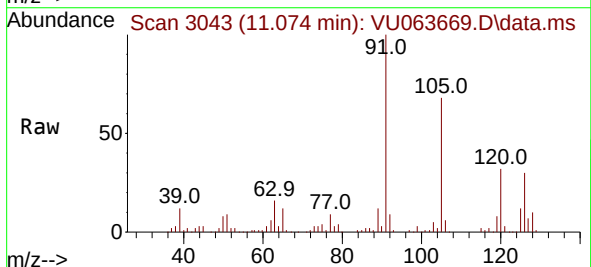
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

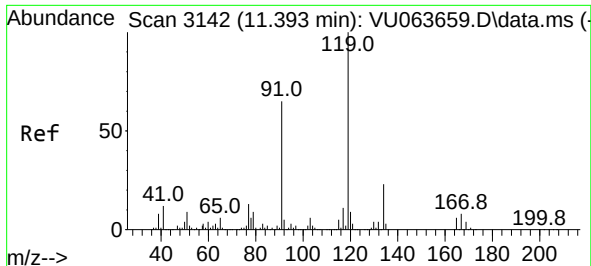
Tgt Ion:105 Resp: 155925
 Ion Ratio Lower Upper
 105 100
 120 46.1 38.2 57.2



#76
 4-Chlorotoluene
 Concen: 2.022 ug/l
 RT: 11.074 min Scan# 3043
 Delta R.T. 0.003 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

Tgt Ion:126 Resp: 42442
 Ion Ratio Lower Upper
 126 100
 91 346.6 0.0 716.6

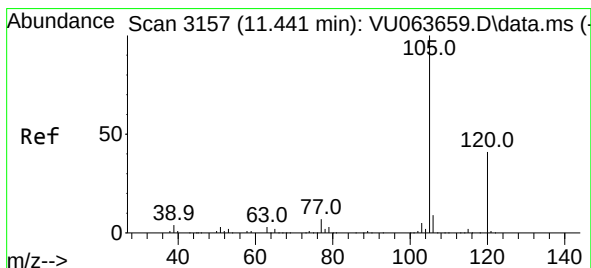
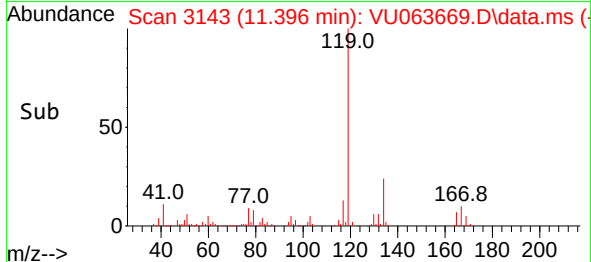
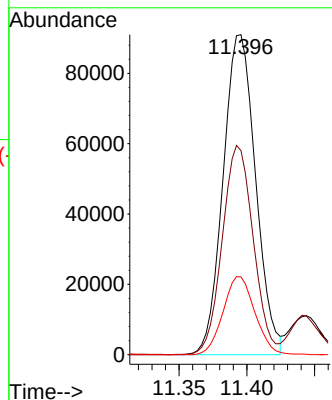
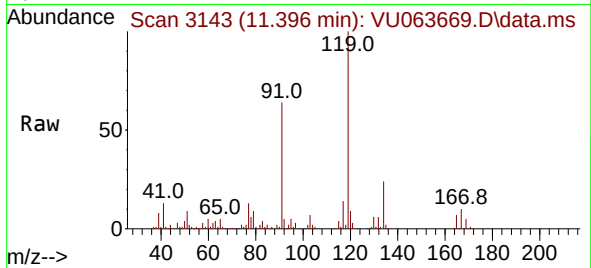




#77
tert-Butylbenzene
Concen: 1.975 ug/l
RT: 11.396 min Scan# 3142
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

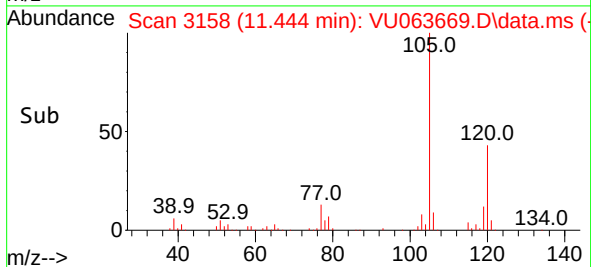
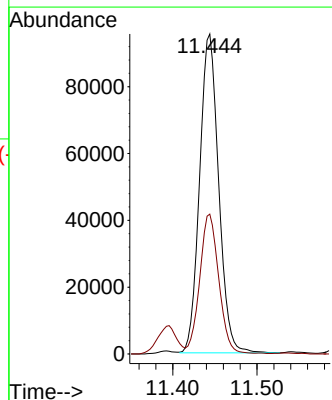
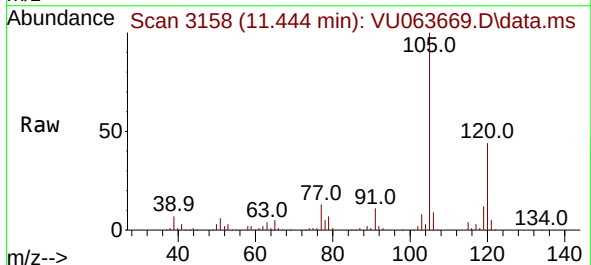
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

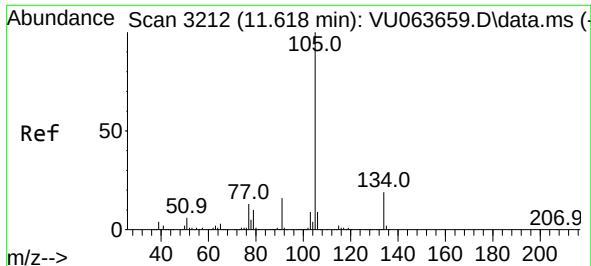
Tgt Ion:119 Resp: 151844
Ion Ratio Lower Upper
119 100
91 62.2 31.3 93.8
134 23.9 18.7 28.1



#78
1,2,4-Trimethylbenzene
Concen: 1.997 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion:105 Resp: 150383
Ion Ratio Lower Upper
105 100
120 43.4 22.4 67.0

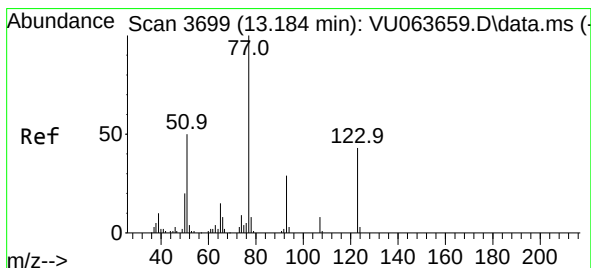
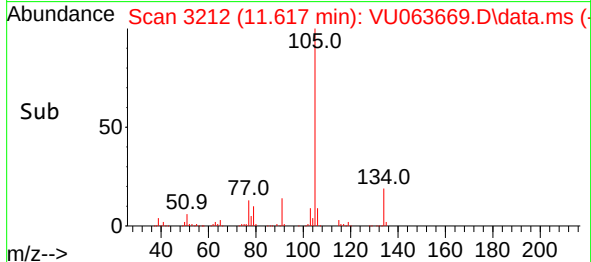
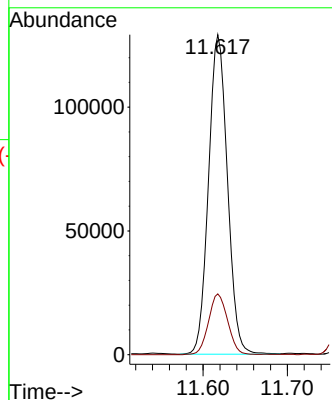
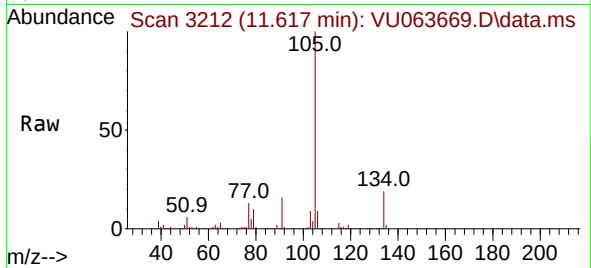




#79
 sec-Butylbenzene
 Concen: 1.990 ug/l
 RT: 11.617 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

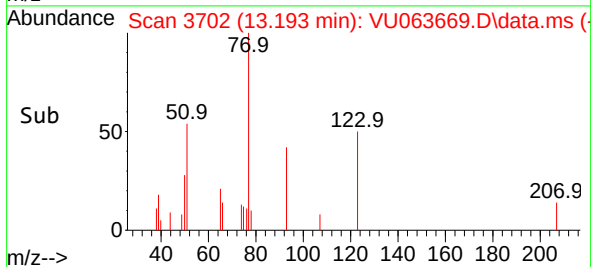
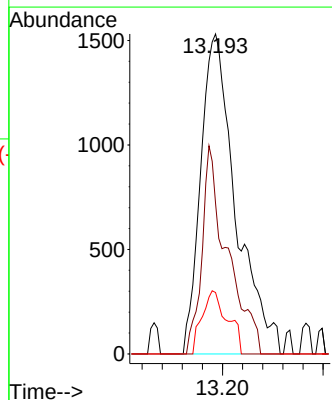
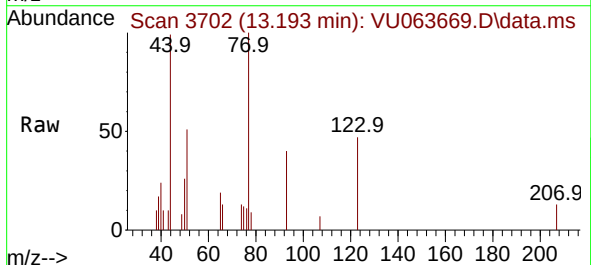
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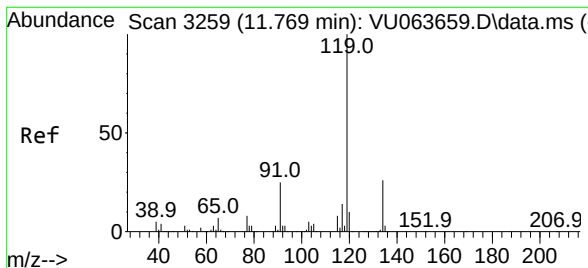
Tgt Ion:105 Resp: 201231
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.7 23.5



#80
 Nitrobenzene
 Concen: 6.022 ug/l
 RT: 13.193 min Scan# 3702
 Delta R.T. 0.009 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

Tgt Ion: 77 Resp: 3713
 Ion Ratio Lower Upper
 77 100
 123 46.7 18.2 64.4
 65 14.3 13.6 17.2



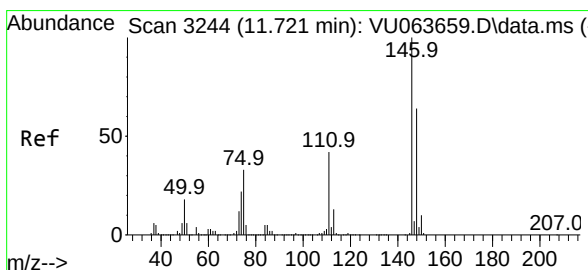
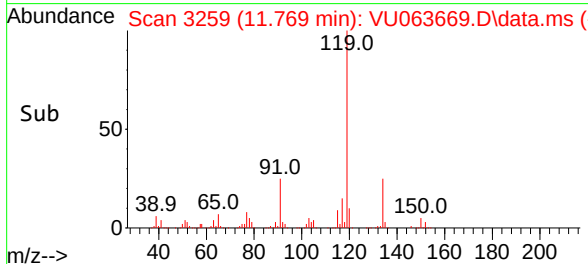
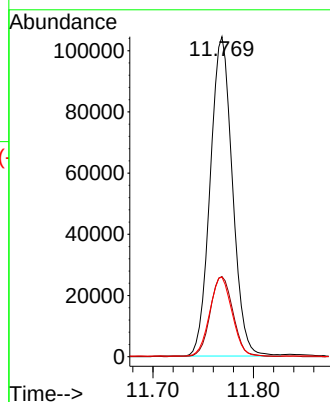
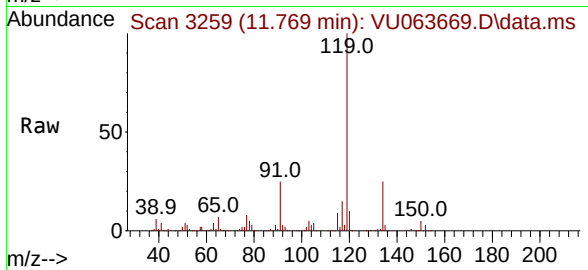


#81
 p-Isopropyltoluene
 Concen: 1.934 ug/l
 RT: 11.769 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

Tgt Ion:119 Resp: 160153

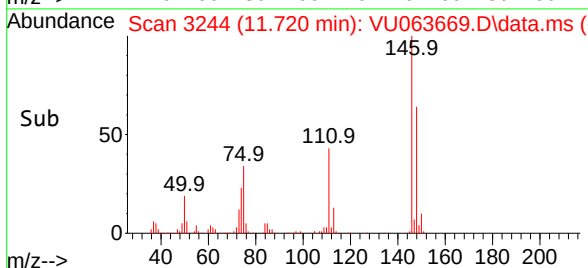
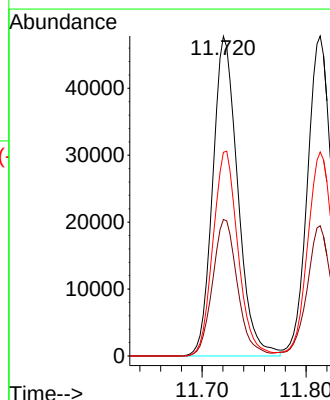
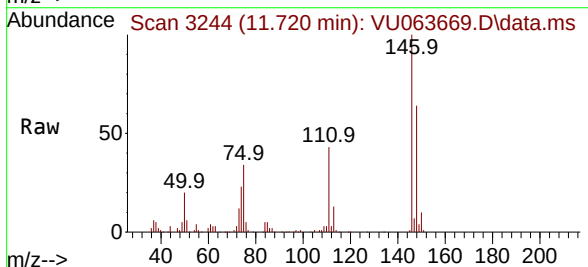
Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.3	30.5
91	24.8	20.1	30.1

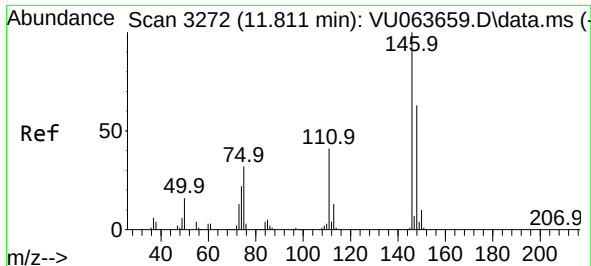


#82
 1,3-Dichlorobenzene
 Concen: 2.015 ug/l
 RT: 11.720 min Scan# 3244
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

Tgt Ion:146 Resp: 80101

Ion	Ratio	Lower	Upper
146	100		
111	42.4	33.8	50.8
148	63.8	50.8	76.2

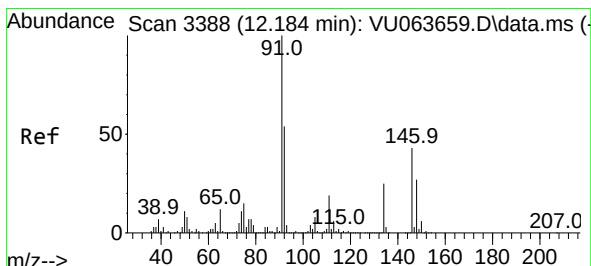
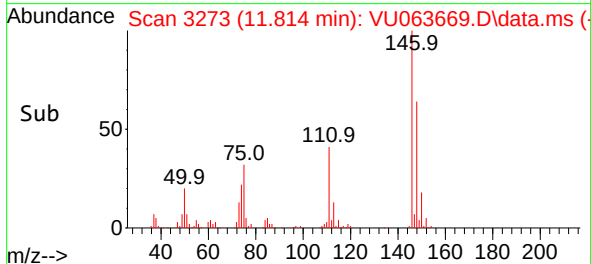
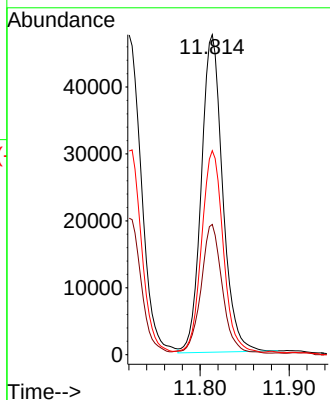
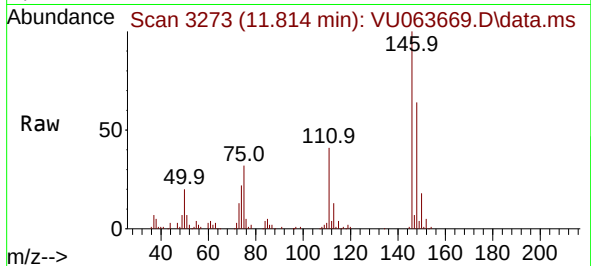




#83
1,4-Dichlorobenzene
Concen: 1.999 ug/l
RT: 11.814 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

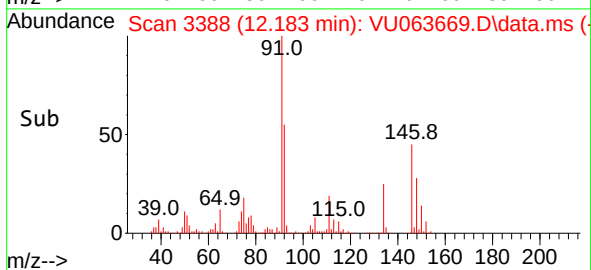
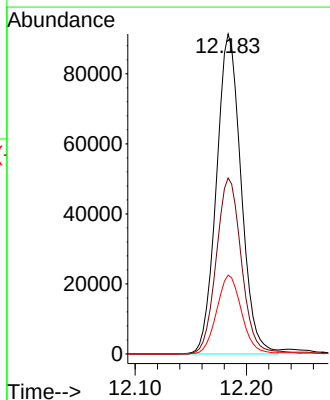
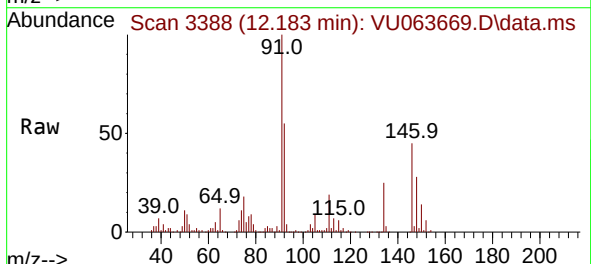
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

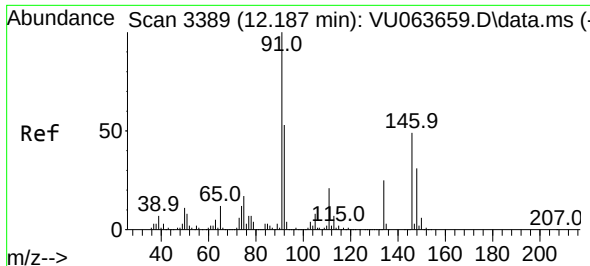
Tgt Ion:146 Resp: 78951
Ion Ratio Lower Upper
146 100
111 40.6 33.0 49.4
148 64.5 50.6 76.0



#84
n-Butylbenzene
Concen: 1.896 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 91 Resp: 140743
Ion Ratio Lower Upper
91 100
92 56.2 43.1 64.7
134 24.8 19.7 29.5

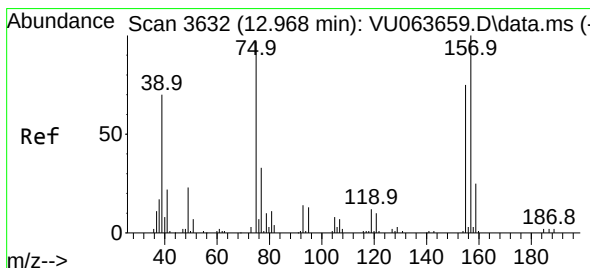
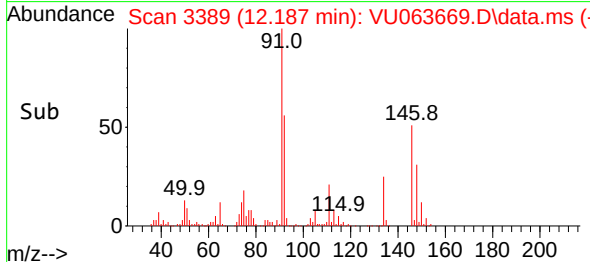
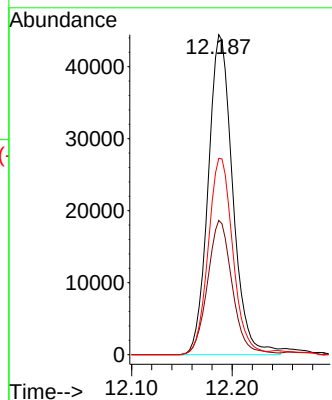
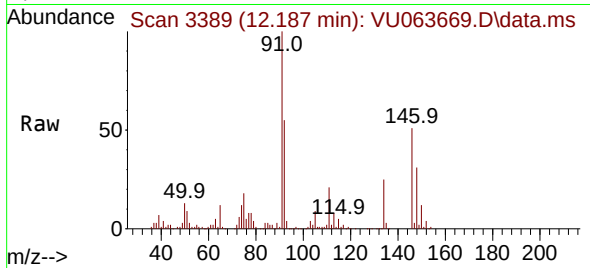




#85
1,2-Dichlorobenzene
Concen: 2.004 ug/l
RT: 12.187 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

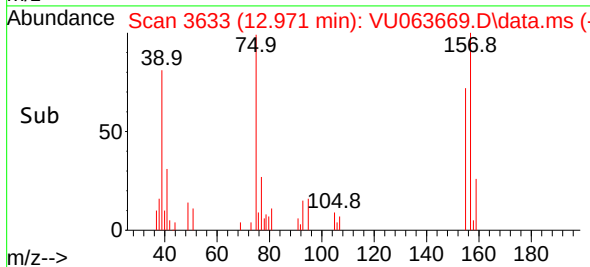
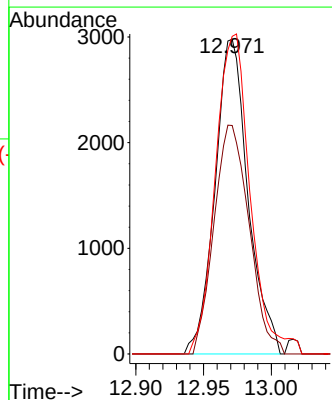
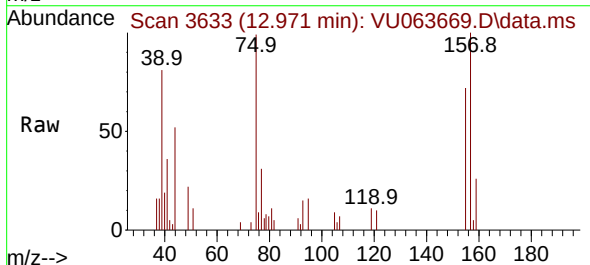
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

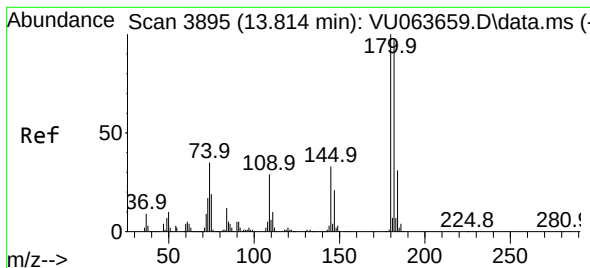
Tgt Ion:146 Resp: 75350
Ion Ratio Lower Upper
146 100
111 42.3 22.2 66.6
148 61.6 31.9 95.5



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.742 ug/l
RT: 12.971 min Scan# 3633
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 75 Resp: 5060
Ion Ratio Lower Upper
75 100
155 77.2 62.2 93.4
157 106.6 81.3 121.9





#87

1,2,4-Trichlorobenzene

Concen: 2.040 ug/l

RT: 13.814 min Scan# 3895

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

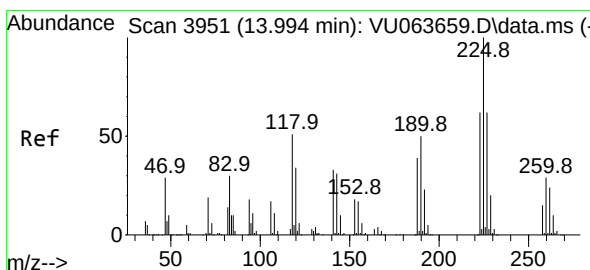
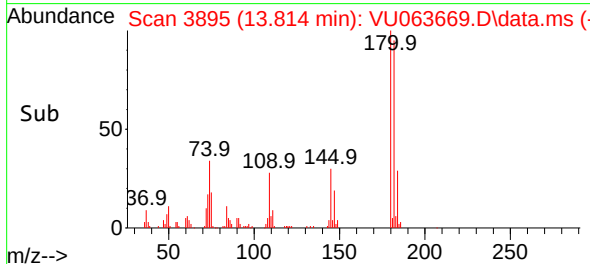
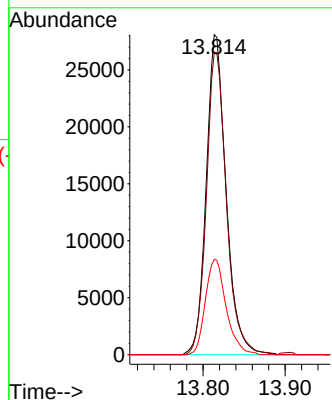
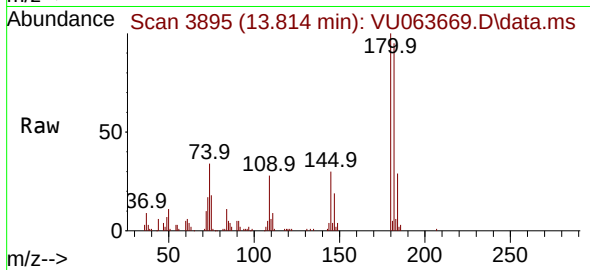
Tgt Ion:180 Resp: 47258

Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

145 31.2 26.2 39.2



#88

Hexachlorobutadiene

Concen: 2.014 ug/l

RT: 13.994 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

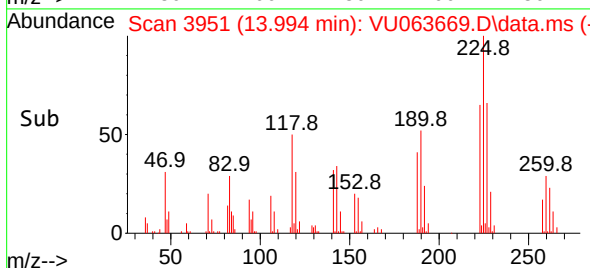
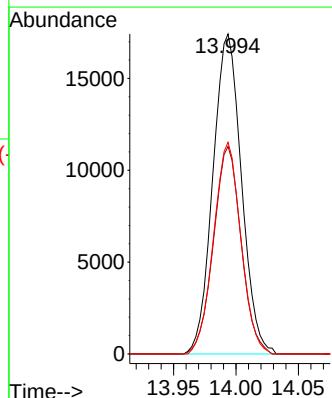
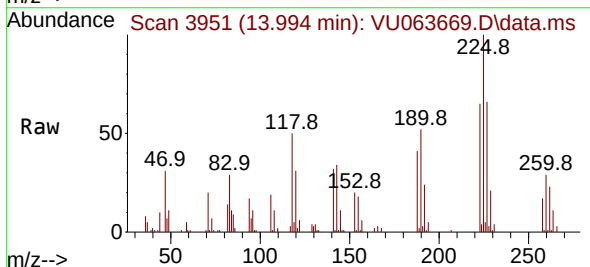
Tgt Ion:225 Resp: 27778

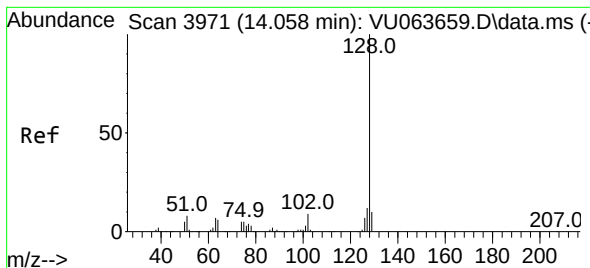
Ion Ratio Lower Upper

225 100

223 62.7 50.2 75.4

227 63.3 50.0 75.0





#89

Naphthalene

Concen: 2.028 ug/l

RT: 14.064 min Scan# 3971

Delta R.T. 0.006 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

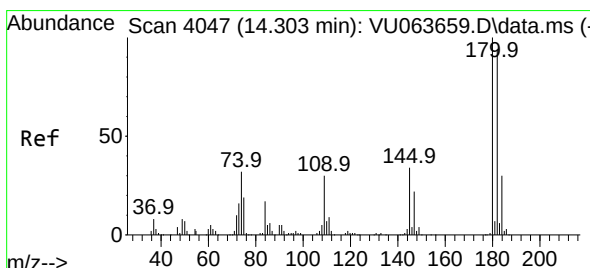
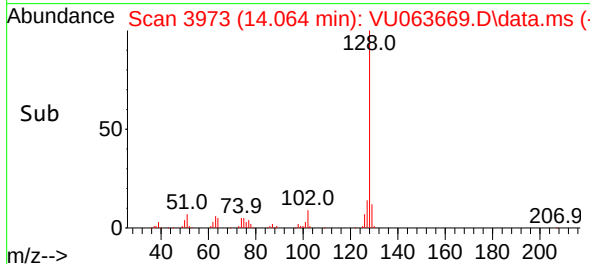
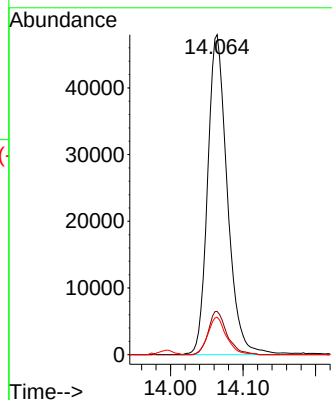
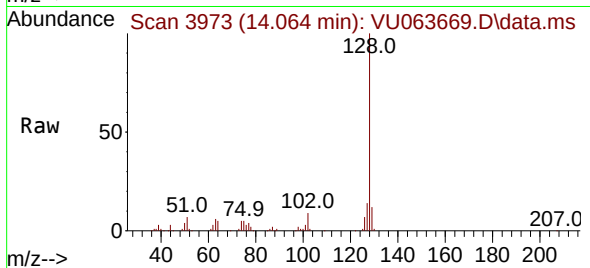
Tgt Ion:128 Resp: 90350

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.1 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 2.064 ug/l

RT: 14.302 min Scan# 4047

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Tgt Ion:180 Resp: 43714

Ion Ratio Lower Upper

180 100

182 96.4 75.4 113.0

145 34.0 27.4 41.2

