

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091225\
 Data File : VU063569.D
 Acq On : 12 Sep 2025 14:16
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU091225

Quant Time: Sep 13 03:02:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:01:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	33712	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14421	1.148	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	14625	1.142	ug/l	0.00
Spiked Amount 1.000			Recovery	=	114.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	95420	8.577	ug/l	99
3) Chloromethane	1.518	50	123723	11.356	ug/l	99
4) Vinyl Chloride	1.599	62	136647	11.577	ug/l	99
5) Bromomethane	1.843	94	85329	11.709	ug/l	98
6) Chloroethane	1.923	64	88730	11.692	ug/l	99
7) Trichlorofluoromethane	2.126	101	196692	11.354	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	111777	11.526	ug/l	99
9) 1,1-Dichloroethene	2.567	96	110859	12.619	ug/l	97
10) Iodomethane	2.708	142	157727	12.479	ug/l	100
11) Allyl Chloride	2.907	41	198096	13.561	ug/l	97
12) Acrylonitrile	3.303	53	149257	56.128	ug/l	99
13) Acetone	2.618	43	176195	46.803	ug/l	99
14) Carbon Disulfide	2.779	76	299285	16.306	ug/l	100
15) Methylene Chloride	3.030	84	136488	11.758	ug/l	95
16) trans-1,2-Dichloroethene	3.335	96	118353	12.643	ug/l	95
17) 1,1-Dichloroethane	3.849	63	243806	11.371	ug/l	100
18) 2-Butanone	4.708	43	185820	43.340	ug/l	99
19) Cyclohexane	5.364	56	184942	10.770	ug/l	85
20) Methylcyclohexane	6.746	83	206820	13.136	ug/l	97
21) 2,2-Dichloropropane	4.644	77	166910	10.524	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	137475	11.963	ug/l	94
23) Diethyl Ether	2.370	59	88377	11.350	ug/l	99
24) tert-Butyl Alcohol	3.187	59	50169	48.610	ug/l	99
25) Methyl tert-Butyl Ether	3.357	73	304403	11.603	ug/l	99
26) Bromochloromethane	4.955	128	53427	11.503	ug/l	88
27) Chloroform	5.071	83	226093	10.537	ug/l	100
28) 1,1,1-Trichloroethane	5.296	97	184948	11.213	ug/l	98
29) 1,1-Dichloropropene	5.509	75	156961	10.243	ug/l	98
30) Carbon Tetrachloride	5.505	117	150862	12.423	ug/l	99
31) Isopropyl Ether	3.991	45	416868	11.599	ug/l	# 1
33) Tert-Amyl methyl ether	5.759	73	8749	0.334	ug/l	# 1
34) Propionitrile	4.772	54	100166	99.879	ug/l	98
35) Benzene	5.759	78	494066	11.199	ug/l	99
36) 1,2-Dichloroethane	5.782	62	148405	9.969	ug/l	100
37) Trichloroethene	6.528	130	125142	11.396	ug/l	96
38) 1,2-Dichloropropane	6.779	63	124484	10.650	ug/l	98
39) Methacrylonitrile	4.972	41	39654	8.376	ug/l	96
40) Methyl acrylate	4.846	55	62464	9.625	ug/l	# 97
41) Tetrahydrofuran	5.058	42	109819	44.500	ug/l	95
42) 1-Chlorobutane	5.441	56	237907	11.074	ug/l	97
43) Dibromomethane	6.907	93	68752	12.268	ug/l	99
44) Bromodichloromethane	7.094	83	153764	12.842	ug/l	98
45) 4-Methyl-2-Pentanone	7.788	43	412190	58.730	ug/l	100

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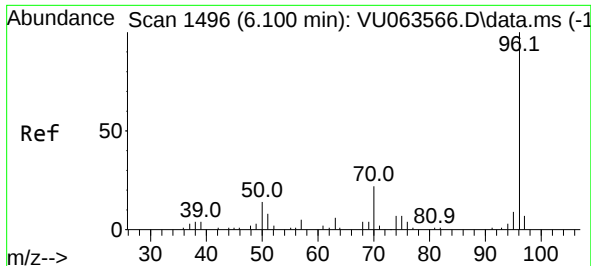
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.814	75	97218	37.020	ug/l #	56
47) Methyl methacrylate	6.959	69	59311	11.831	ug/l	95
48) Ethyl methacrylate	8.328	69	114415	12.306	ug/l	98
49) Toluene	7.959	92	304853	12.732	ug/l	98
50) t-1,3-Dichloropropene	8.200	75	113965	12.706	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	153529	12.867	ug/l	98
52) 1,1,2-Trichloroethane	8.389	97	90063	11.354	ug/l	99
53) 1,3-Dichloropropane	8.566	76	152780	11.087	ug/l	98
54) 2-Hexanone	8.679	43	294630	57.447	ug/l	100
55) Dibromochloromethane	8.798	129	97593	12.695	ug/l	99
56) 1,2-Dibromoethane	8.914	107	78240	11.434	ug/l	95
58) Tetrachloroethene	8.541	164	133665	12.360	ug/l	96
59) Chlorobenzene	9.438	112	345707	12.530	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	104799	11.629	ug/l	99
61) Pentachloroethane	11.415	117	79133	12.251	ug/l	98
62) Hexachloroethane	12.466	117	71621	12.748	ug/l	98
63) Ethyl Benzene	9.560	91	605628	12.856	ug/l	98
64) m/p-Xylenes	9.685	106	470705	26.002	ug/l	99
65) o-Xylene	10.090	106	224209	12.374	ug/l	99
66) Styrene	10.106	104	372088	12.864	ug/l	100
67) Bromoform	10.280	173	49947	13.044	ug/l	98
69) Isopropylbenzene	10.476	105	603861	13.729	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.772	83	108825	10.774	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	97218	12.984	ug/l #	88
72) Bromobenzene	10.772	156	140663	12.327	ug/l	98
73) n-propylbenzene	10.897	120	163675	12.874	ug/l	98
74) 2-Chlorotoluene	10.978	126	140991	12.265	ug/l	99
75) 1,3,5-Trimethylbenzene	11.077	105	522517	12.702	ug/l	100
76) 4-Chlorotoluene	11.087	126	144036	11.963	ug/l	99
77) tert-Butylbenzene	11.412	119	494384	12.432	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	517136	12.917	ug/l	100
79) sec-Butylbenzene	11.634	105	676378	12.554	ug/l	99
80) Nitrobenzene	13.212	77	2182	13.936	ug/l #	87
81) p-Isopropyltoluene	11.785	119	568143	13.106	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	284108	12.373	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	286392	12.142	ug/l	99
84) n-Butylbenzene	12.200	91	535232	13.173	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	262752	11.863	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	15195	11.673	ug/l	96
87) 1,2,4-Trichlorobenzene	13.833	180	179091	13.354	ug/l	99
88) Hexachlorobutadiene	14.013	225	98051	11.749	ug/l	99
89) Naphthalene	14.077	128	310886	13.112	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	156756	12.316	ug/l	99

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

Instrument :
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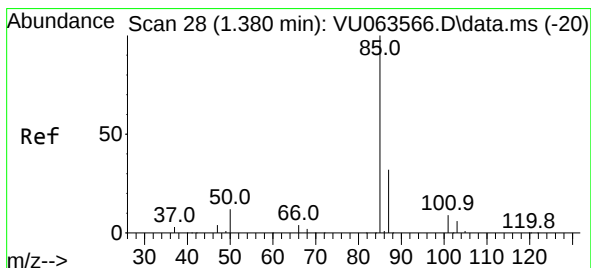
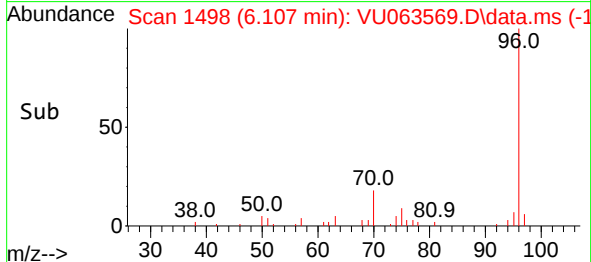
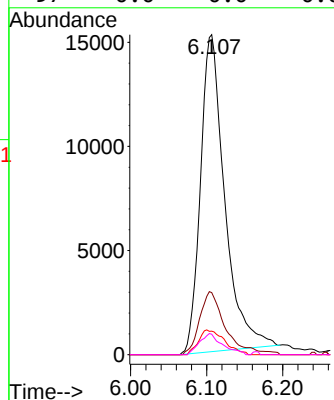
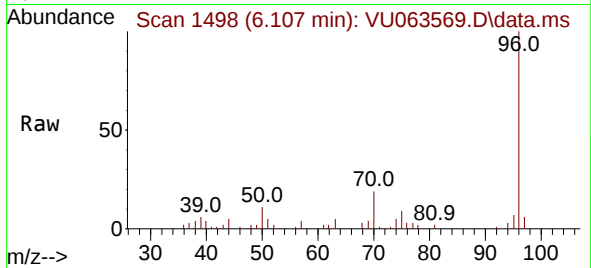
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.007 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

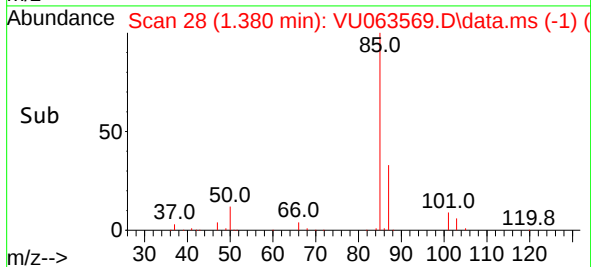
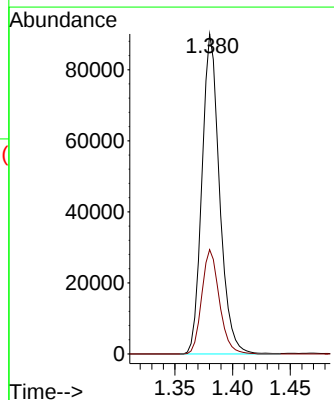
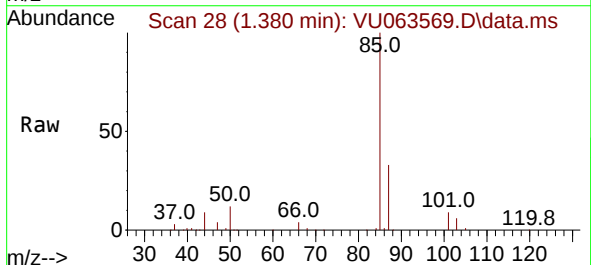
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MSVOA_U
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ICVVU091225

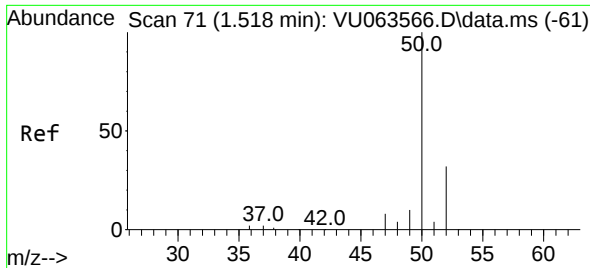
Tgt Ion: 96	Resp: 33712
Ion Ratio	Lower Upper
96 100	
70 21.3	15.5 23.3
95 8.4	7.7 11.5
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 8.577 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 85	Resp: 95420
Ion Ratio	Lower Upper
85 100	
87 32.6	16.1 48.2

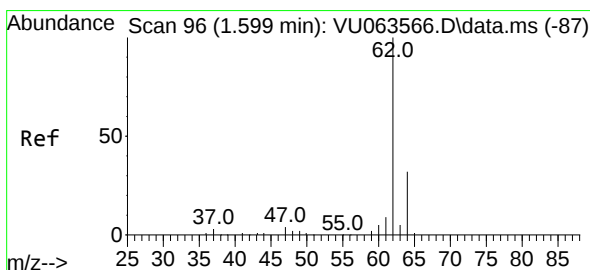
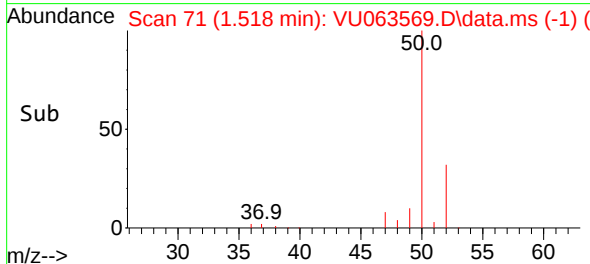
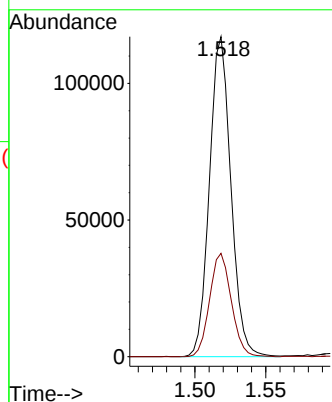
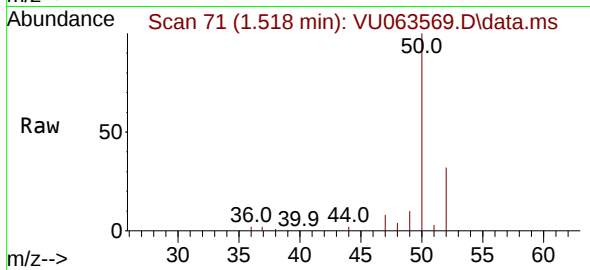




#3
Chloromethane
Concen: 11.356 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

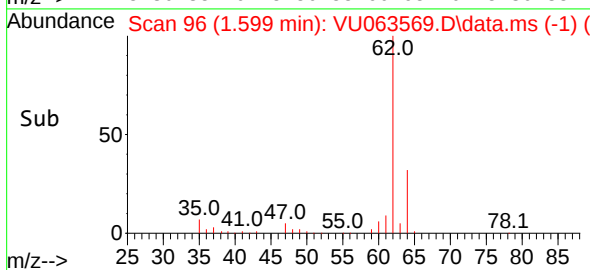
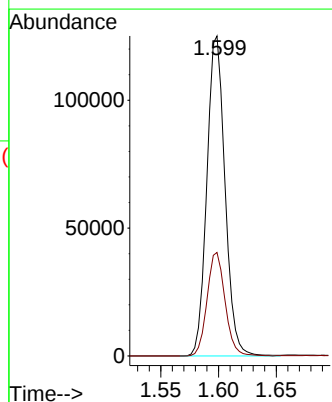
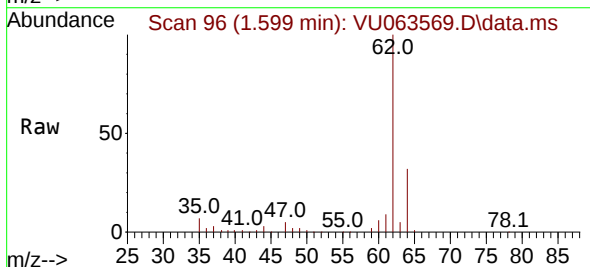
Instrument :
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ICVVU091225

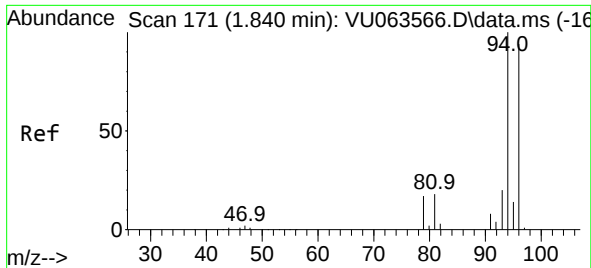
Tgt Ion: 50 Resp: 123723
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 11.577 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 62 Resp: 136647
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3

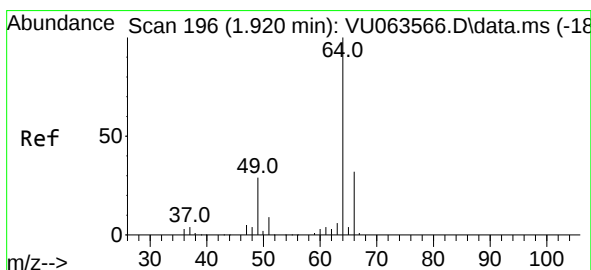
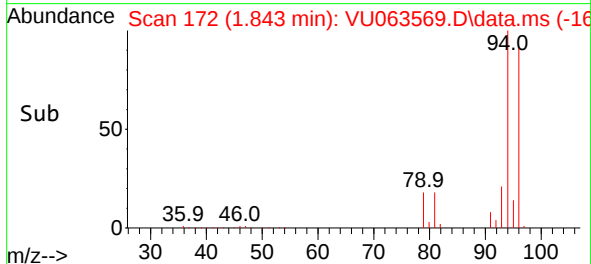
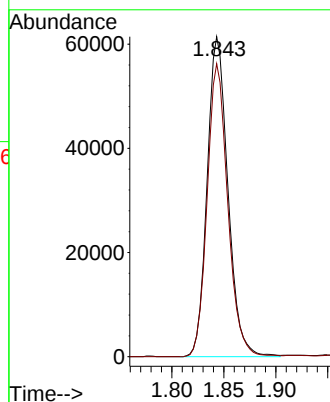
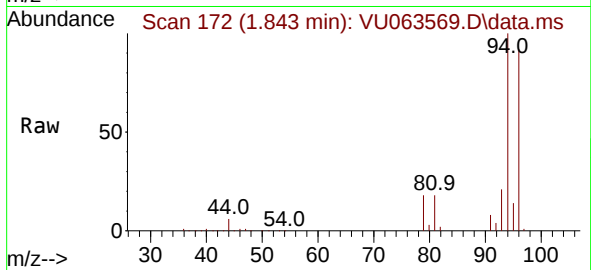




#5
Bromomethane
Concen: 11.709 ug/l
RT: 1.843 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

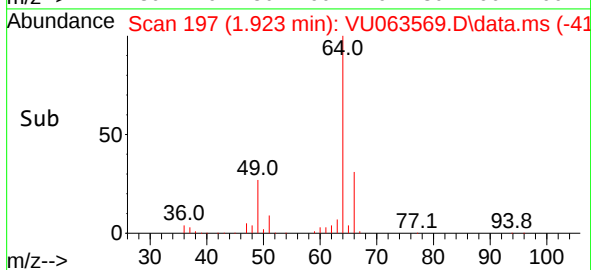
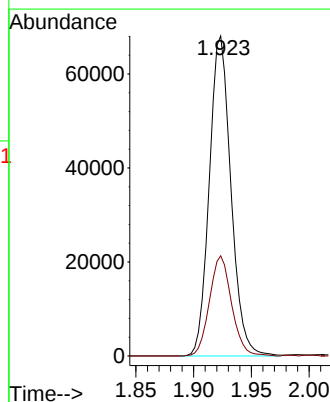
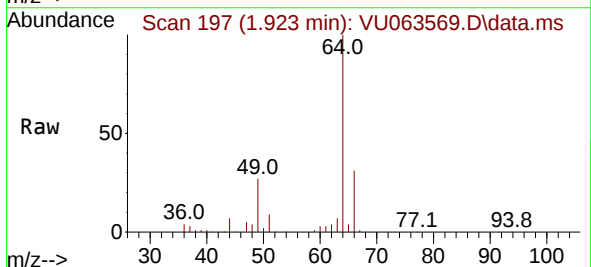
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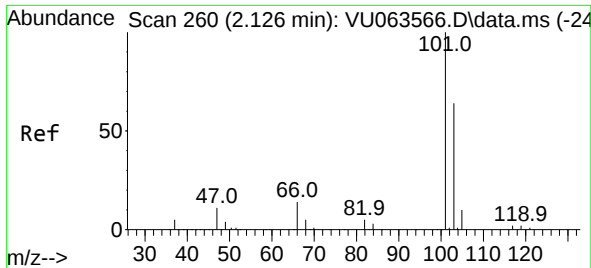
Tgt Ion: 94 Resp: 85329
Ion Ratio Lower Upper
94 100
96 91.5 75.1 112.7



#6
Chloroethane
Concen: 11.692 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 64 Resp: 88730
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.0

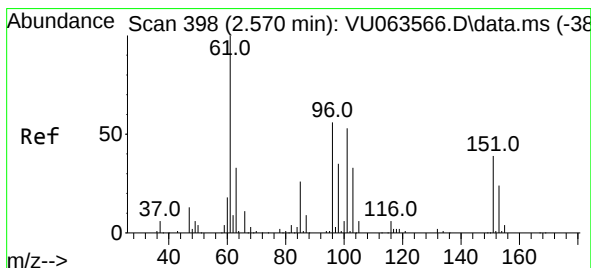
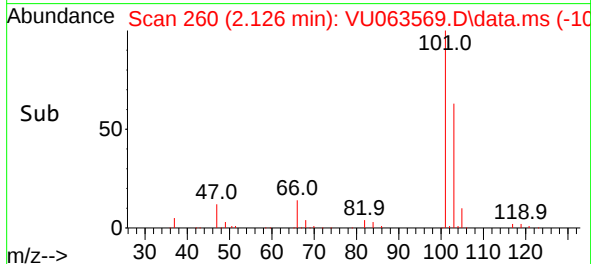
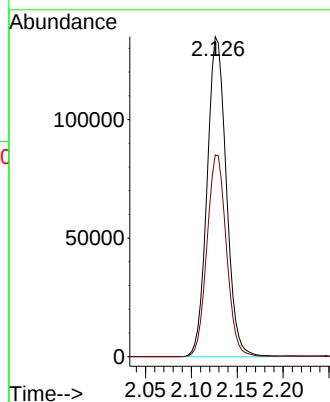
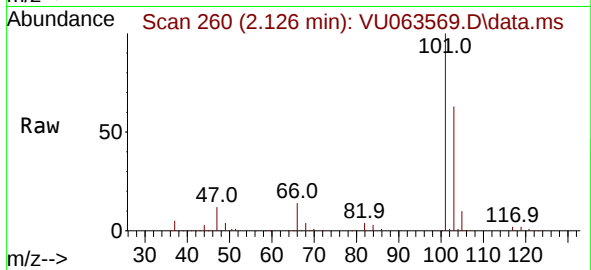




#7
 Trichlorofluoromethane
 Concen: 11.354 ug/l
 RT: 2.126 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 14:16

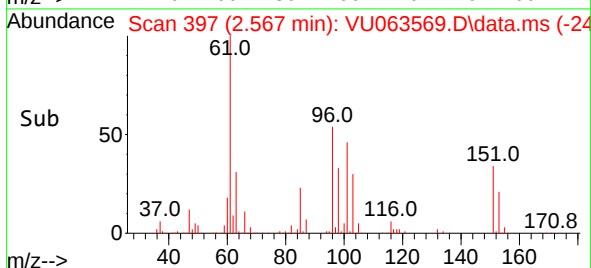
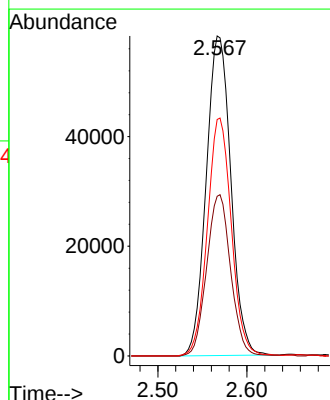
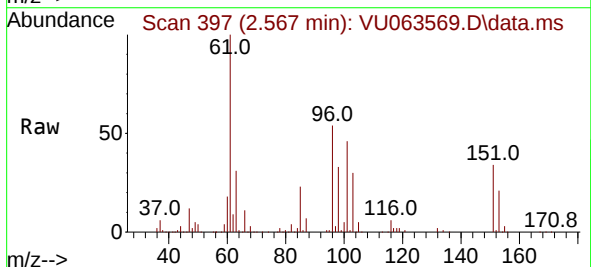
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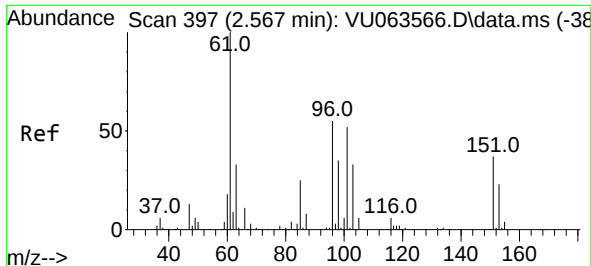
Tgt Ion:101 Resp: 196692
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.8 76.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.526 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 14:16

Tgt Ion:101 Resp: 111777
 Ion Ratio Lower Upper
 101 100
 85 48.7 38.7 58.1
 151 72.2 58.2 87.2

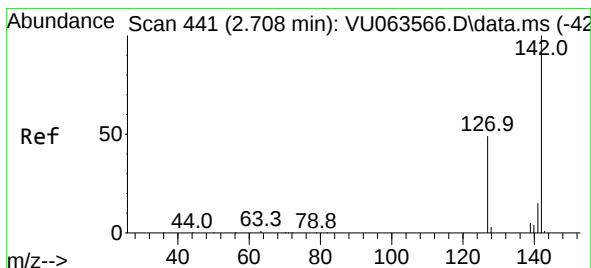
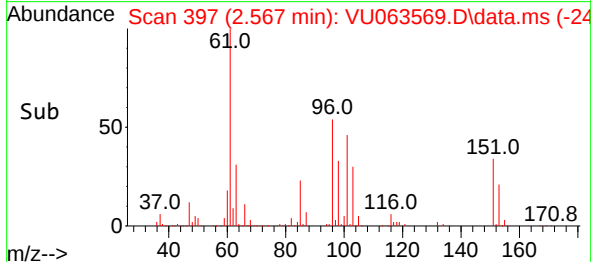
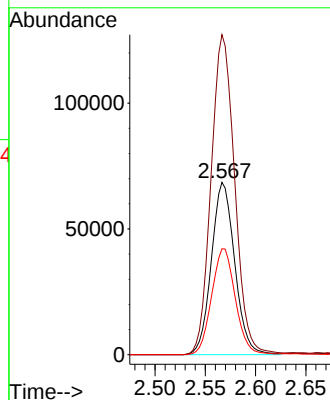
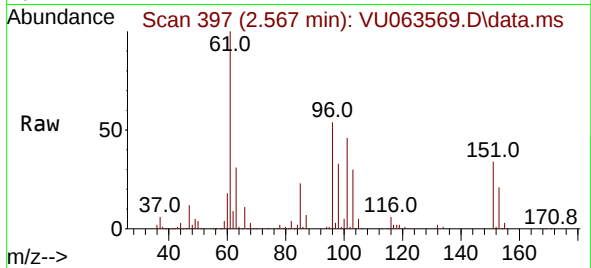




#9
1,1-Dichloroethene
Concen: 12.619 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

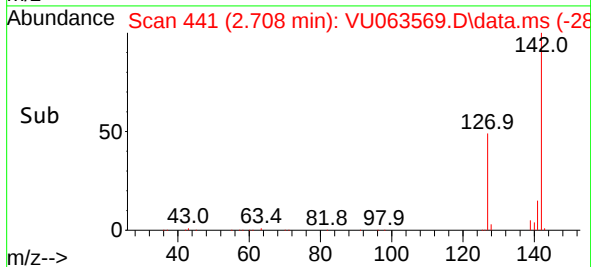
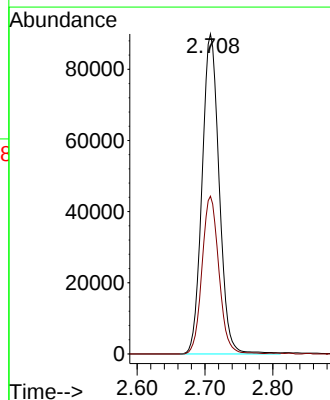
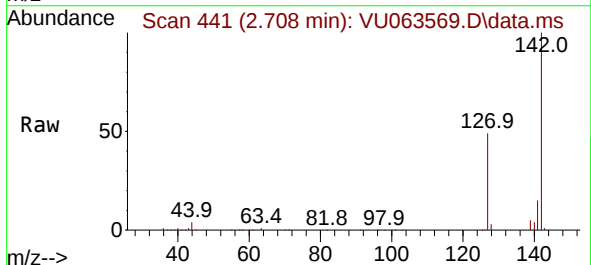
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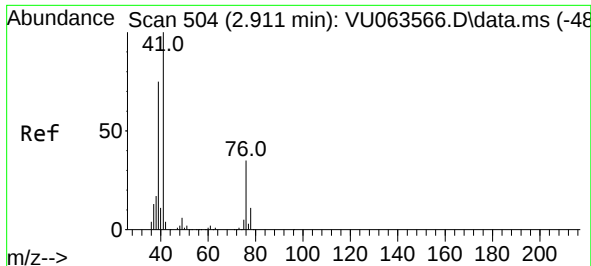
Tgt Ion: 96 Resp: 110859
Ion Ratio Lower Upper
96 100
61 185.8 0.0 543.9
98 61.5 0.0 125.8



#10
Iodomethane
Concen: 12.479 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 142 Resp: 157727
Ion Ratio Lower Upper
142 100
127 48.5 38.6 58.0





#11

Allyl Chloride

Concen: 13.561 ug/l

RT: 2.907 min Scan# 504

Delta R.T. -0.003 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

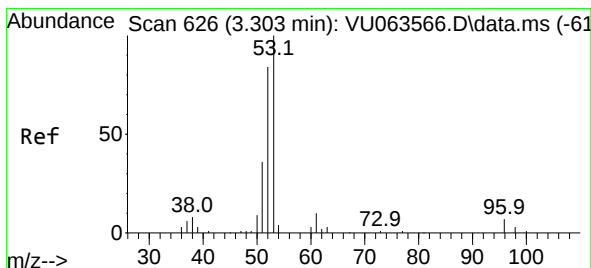
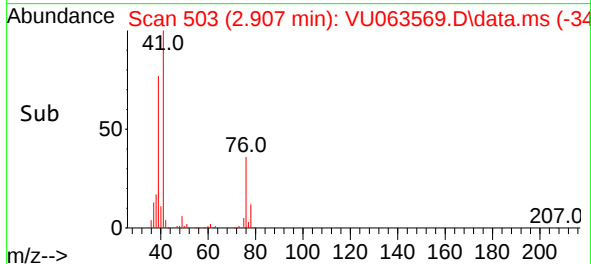
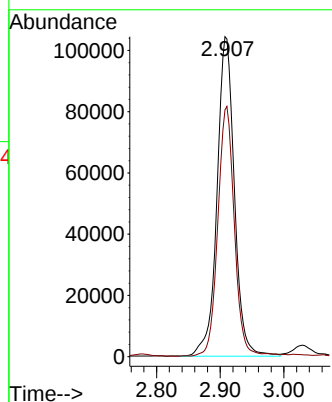
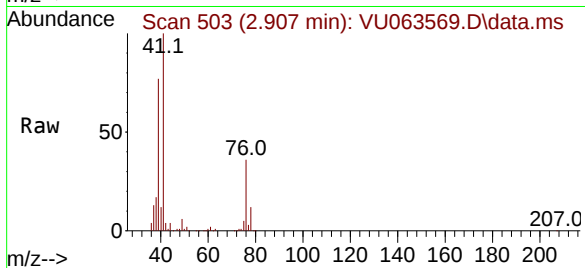
ICVVU091225

Tgt Ion: 41 Resp: 198096

Ion Ratio Lower Upper

41 100

39 73.5 61.2 91.8



#12

Acrylonitrile

Concen: 56.128 ug/l

RT: 3.303 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

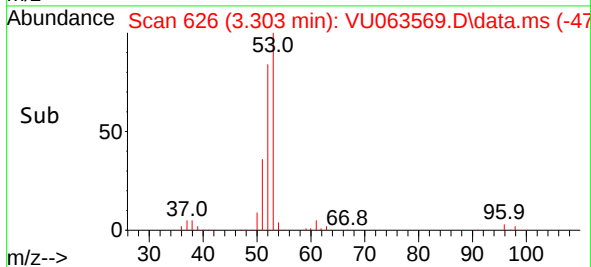
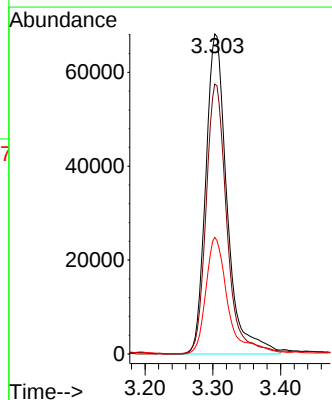
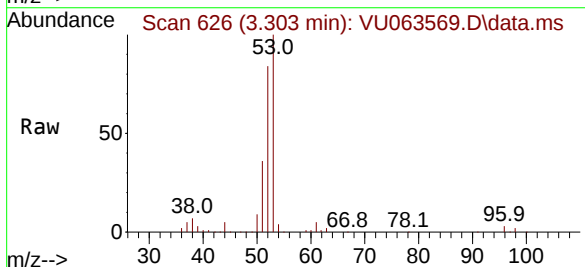
Tgt Ion: 53 Resp: 149257

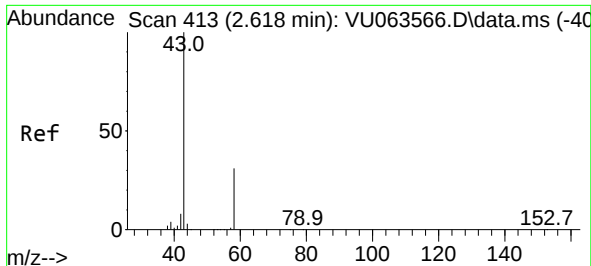
Ion Ratio Lower Upper

53 100

52 82.3 65.0 97.4

51 38.1 31.2 46.8





#13

Acetone

Concen: 46.803 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

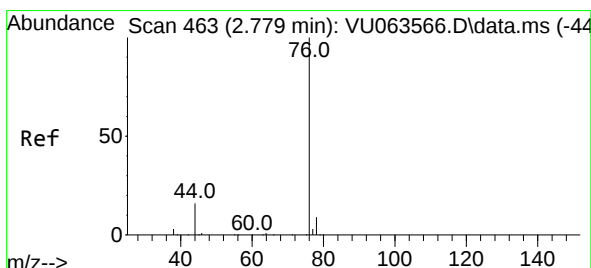
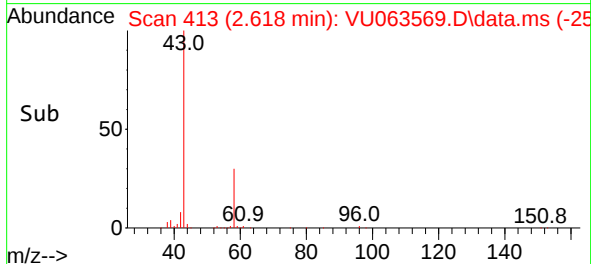
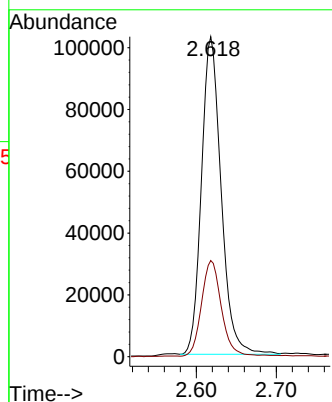
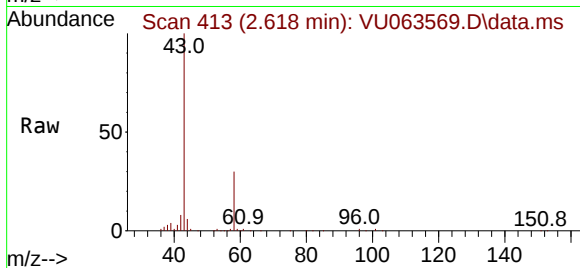
ICVVU091225

Tgt Ion: 43 Resp: 176195

Ion Ratio Lower Upper

43 100

58 30.1 24.7 37.1



#14

Carbon Disulfide

Concen: 16.306 ug/l

RT: 2.779 min Scan# 463

Delta R.T. -0.000 min

Lab File: VU063569.D

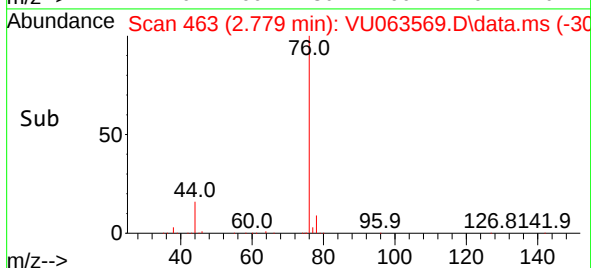
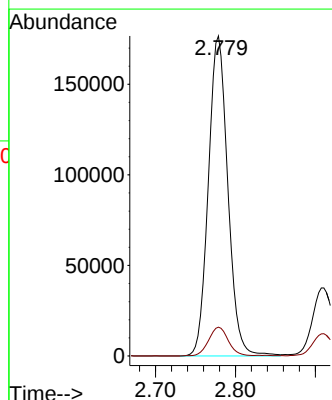
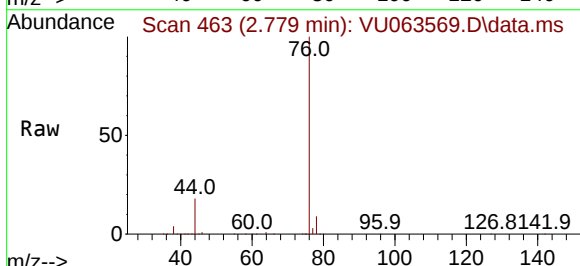
Acq: 12 Sep 2025 14:16

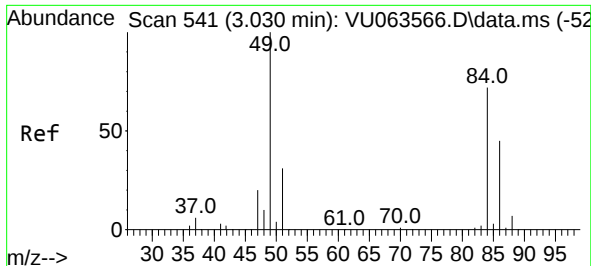
Tgt Ion: 76 Resp: 299285

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



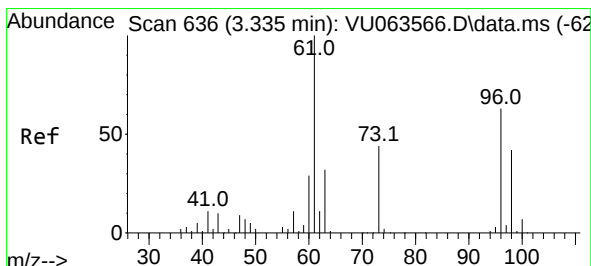
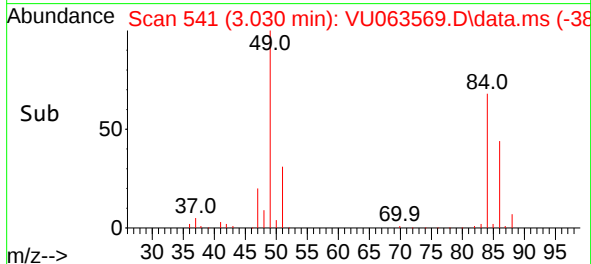
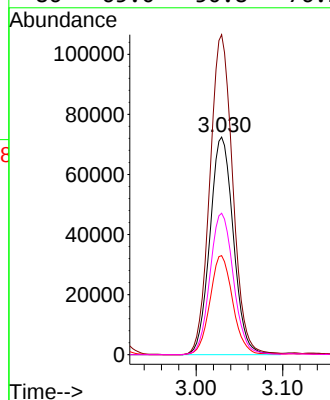
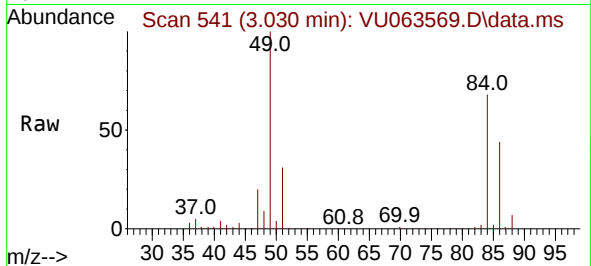


#15
Methylene Chloride
Concen: 11.758 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

Tgt Ion: 84 Resp: 136488

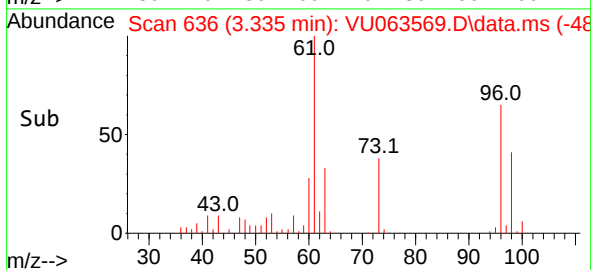
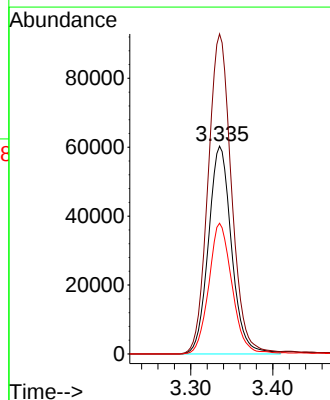
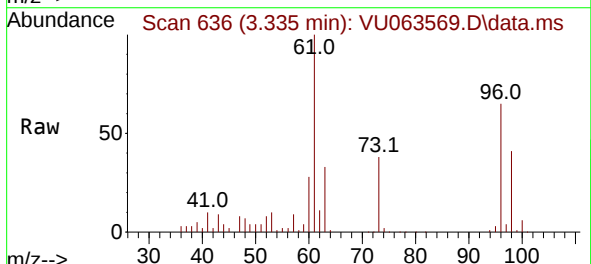
Ion	Ratio	Lower	Upper
84	100		
49	147.1	111.8	167.6
51	45.5	0.0	86.0
86	65.0	50.8	76.2

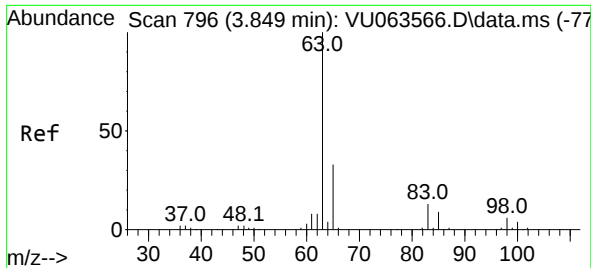


#16
trans-1,2-Dichloroethene
Concen: 12.643 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 96 Resp: 118353

Ion	Ratio	Lower	Upper
96	100		
61	153.9	127.8	191.6
98	62.9	53.8	80.8

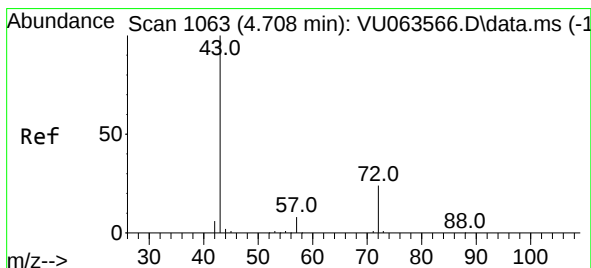
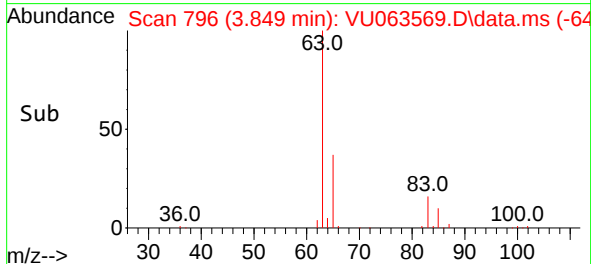
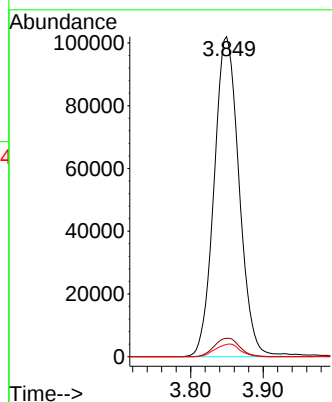
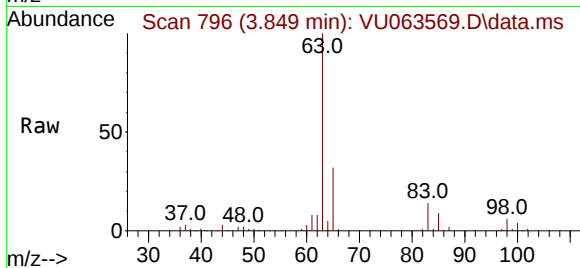




#17
 1,1-Dichloroethane
 Concen: 11.371 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 14:16

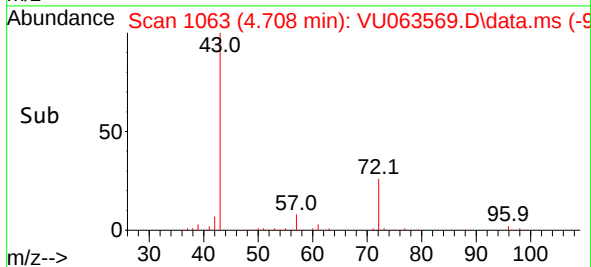
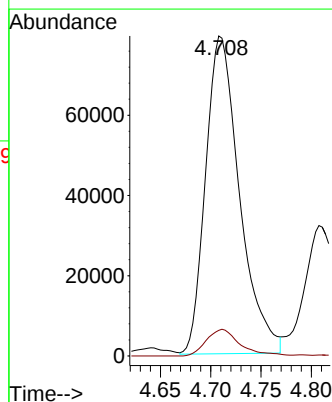
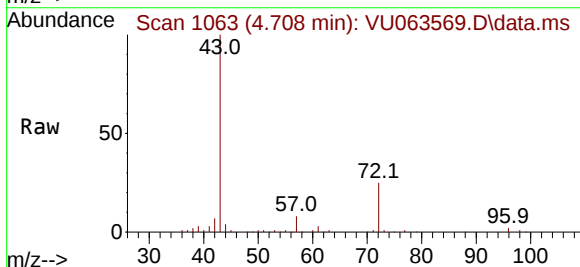
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091225

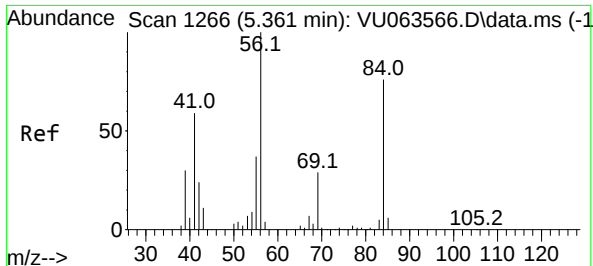
Tgt Ion: 63 Resp: 243806
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.8
 100 3.9 2.0 5.8



#18
 2-Butanone
 Concen: 43.340 ug/l
 RT: 4.708 min Scan# 1063
 Delta R.T. -0.000 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 14:16

Tgt Ion: 43 Resp: 185820
 Ion Ratio Lower Upper
 43 100
 57 8.1 0.0 15.8





#19

Cyclohexane

Concen: 10.770 ug/l

RT: 5.364 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

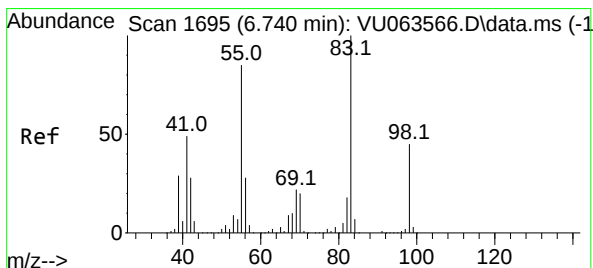
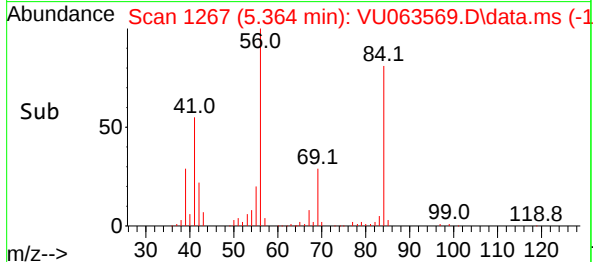
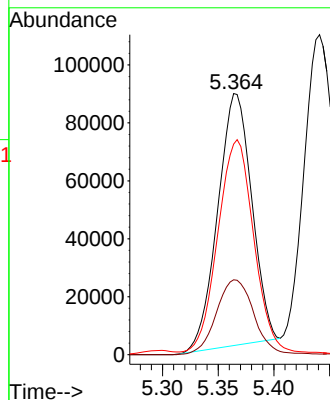
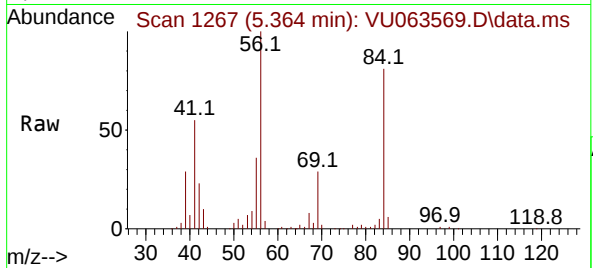
Tgt Ion: 56 Resp: 184942

Ion Ratio Lower Upper

56 100

69 32.3 22.7 34.1

84 88.9 59.4 89.0



#20

Methylcyclohexane

Concen: 13.136 ug/l

RT: 6.746 min Scan# 1697

Delta R.T. 0.006 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

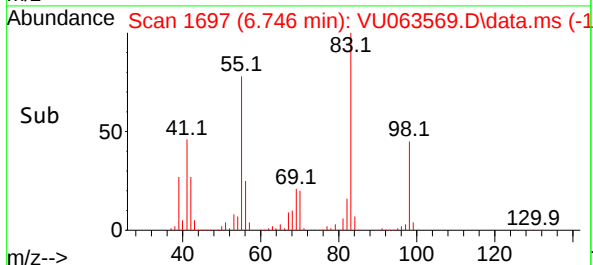
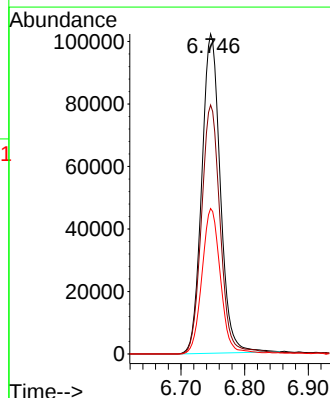
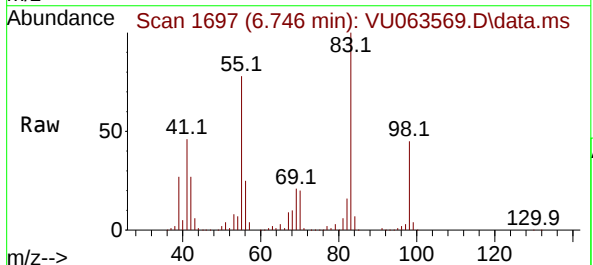
Tgt Ion: 83 Resp: 206820

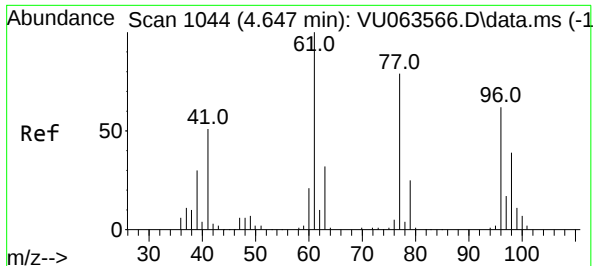
Ion Ratio Lower Upper

83 100

55 78.7 66.7 100.1

98 44.8 35.9 53.9





#21

2,2-Dichloropropane

Concen: 10.524 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.003 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

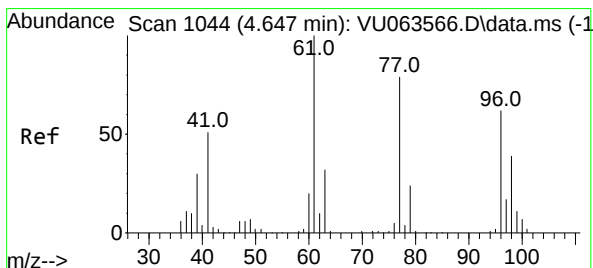
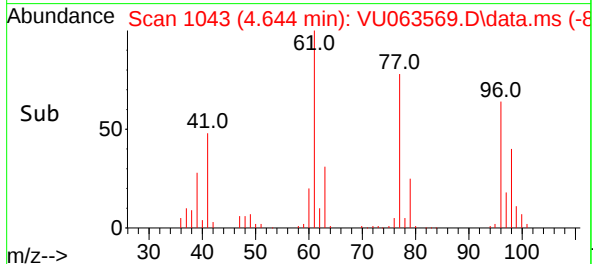
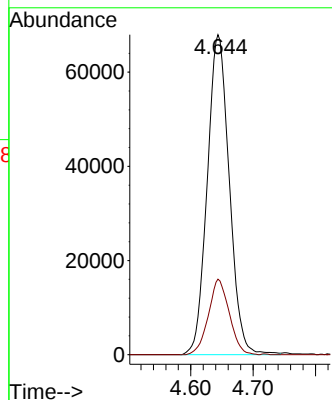
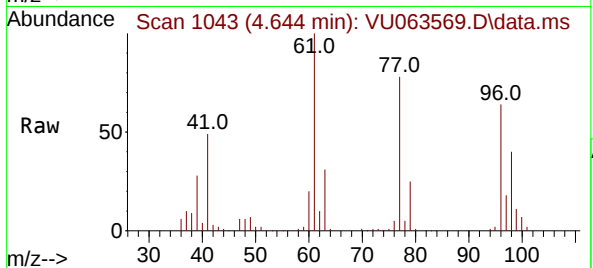
ICVVU091225

Tgt Ion: 77 Resp: 166910

Ion Ratio Lower Upper

77 100

97 22.3 17.5 26.3



#22

cis-1,2-Dichloroethene

Concen: 11.963 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

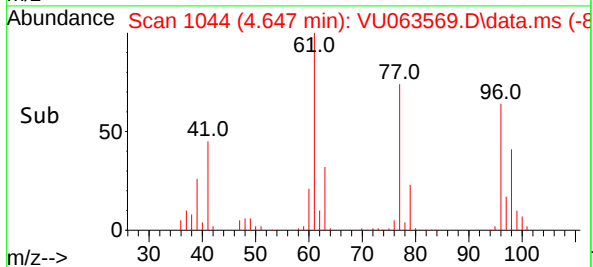
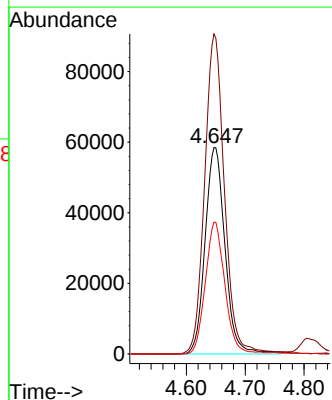
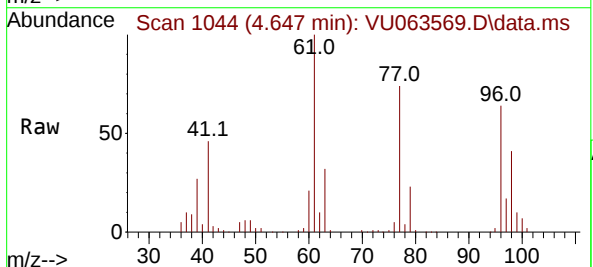
Tgt Ion: 96 Resp: 137475

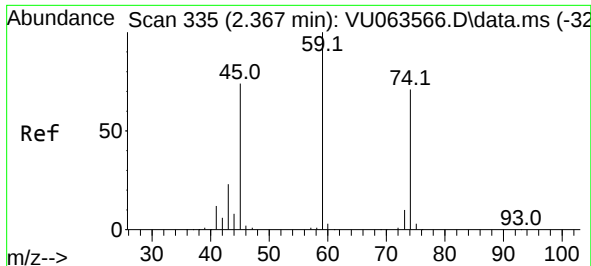
Ion Ratio Lower Upper

96 100

61 154.2 0.0 411.0

98 62.1 31.9 95.9

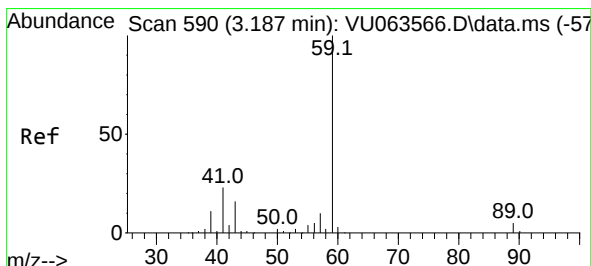
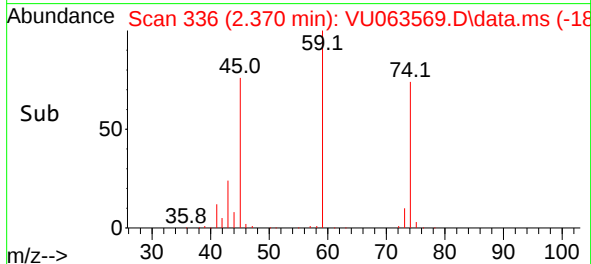
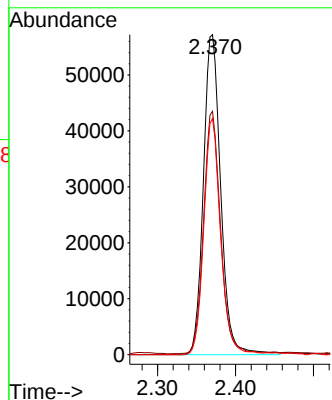
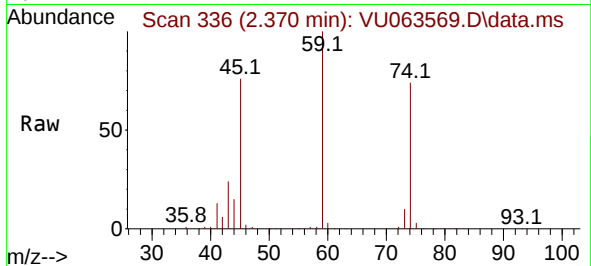




#23
Diethyl Ether
Concen: 11.350 ug/l
RT: 2.370 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

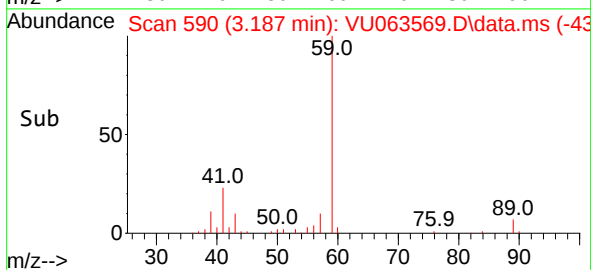
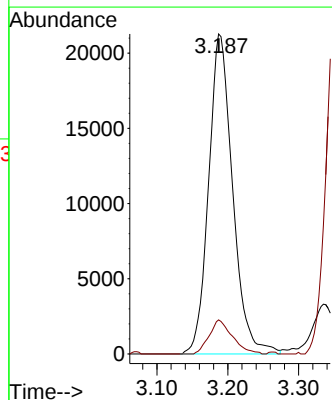
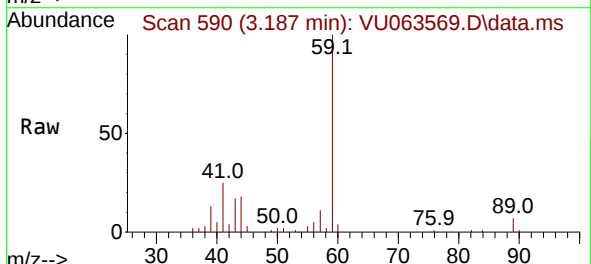
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

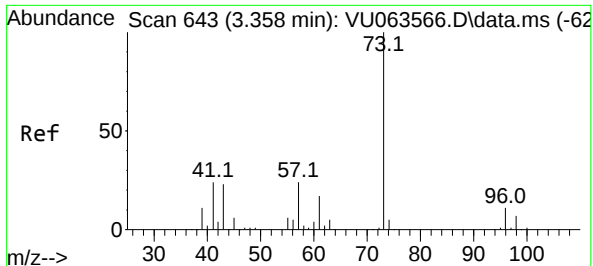
Tgt Ion: 59 Resp: 88377
Ion Ratio Lower Upper
59 100
45 74.1 59.0 88.6
74 71.4 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 48.610 ug/l
RT: 3.187 min Scan# 590
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 59 Resp: 50169
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

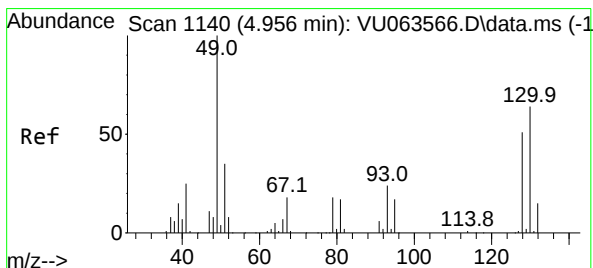
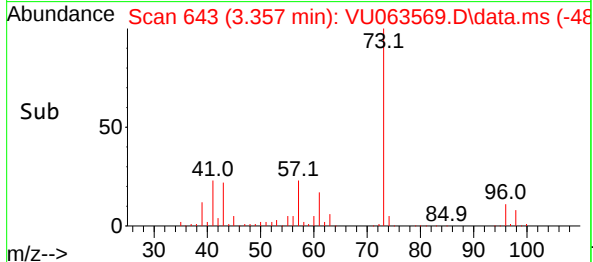
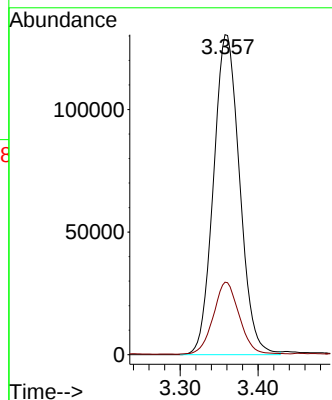
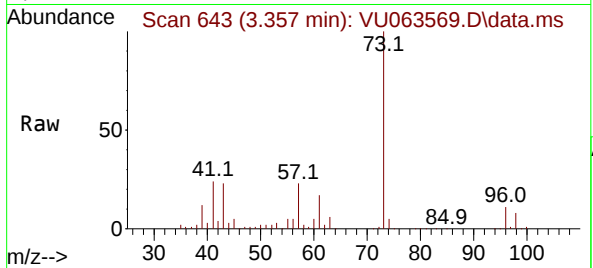




#25
Methyl tert-Butyl Ether
Concen: 11.603 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

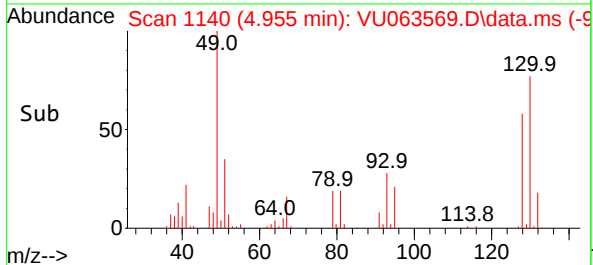
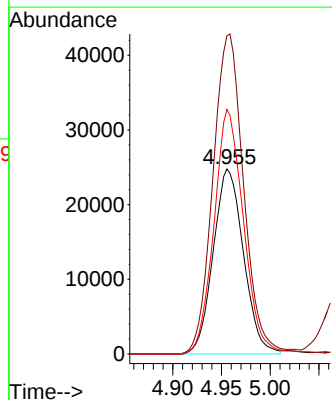
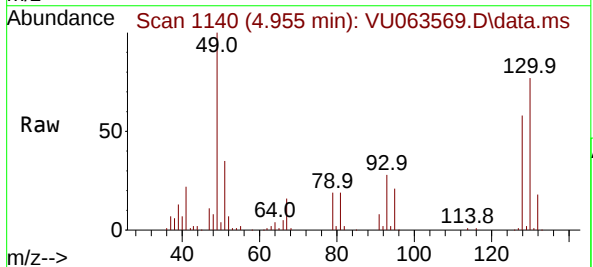
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

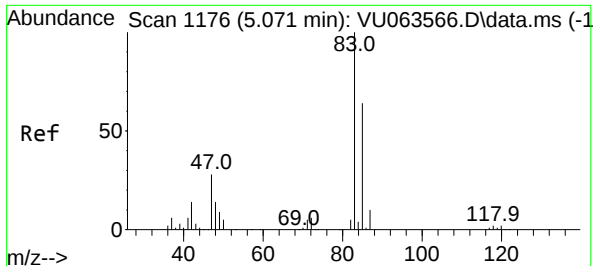
Tgt Ion: 73 Resp: 304403
Ion Ratio Lower Upper
73 100
43 22.3 18.1 27.1



#26
Bromochloromethane
Concen: 11.503 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 128 Resp: 53427
Ion Ratio Lower Upper
128 100
49 175.8 0.0 410.2
130 130.0 103.4 155.0





#27

Chloroform

Concen: 10.537 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

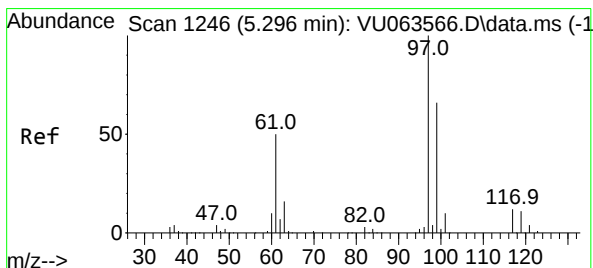
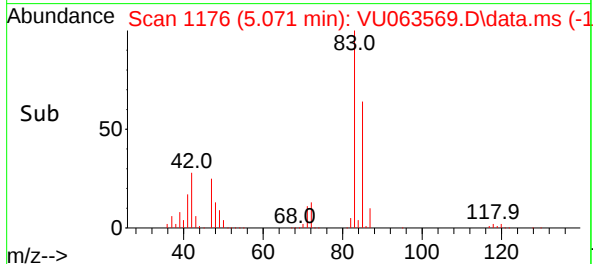
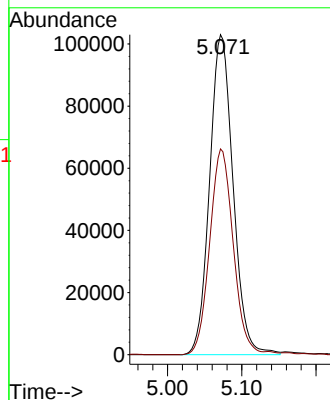
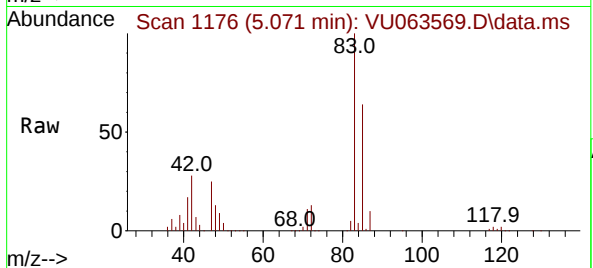
ICVVU091225

Tgt Ion: 83 Resp: 226093

Ion Ratio Lower Upper

83 100

85 64.3 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 11.213 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

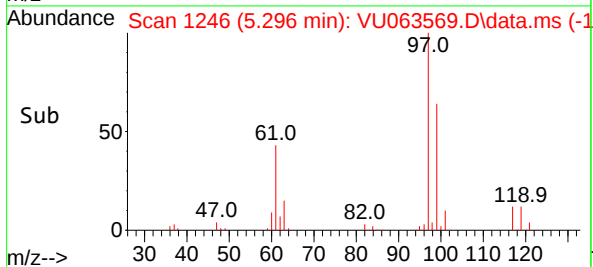
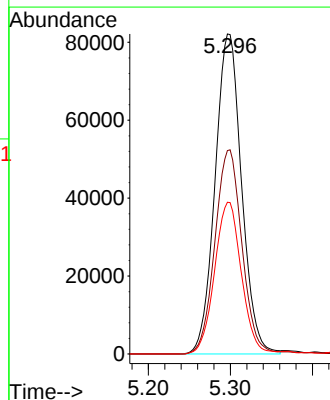
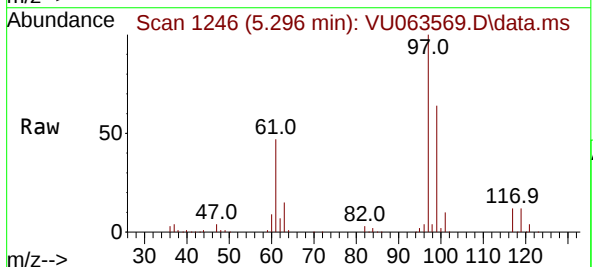
Tgt Ion: 97 Resp: 184948

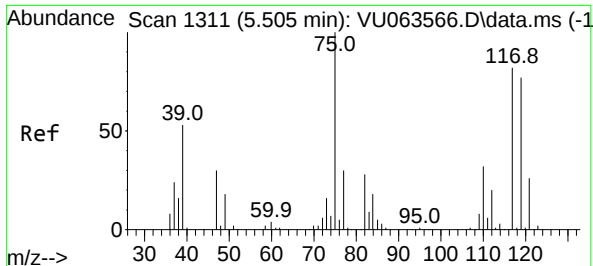
Ion Ratio Lower Upper

97 100

99 65.1 32.4 97.0

61 47.8 25.1 75.4

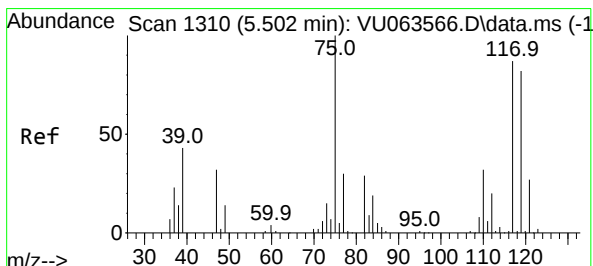
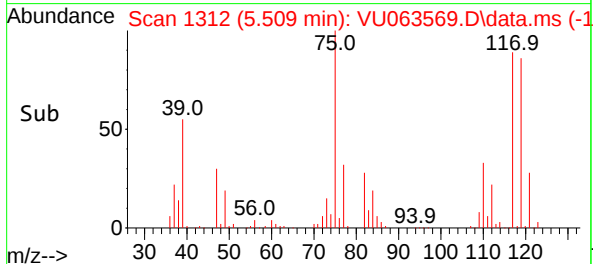
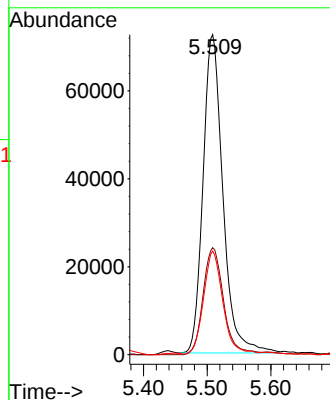
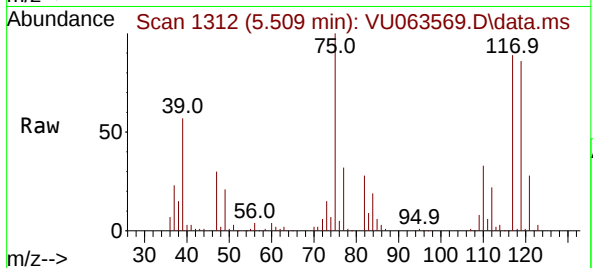




#29
1,1-Dichloropropene
Concen: 10.243 ug/l
RT: 5.509 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

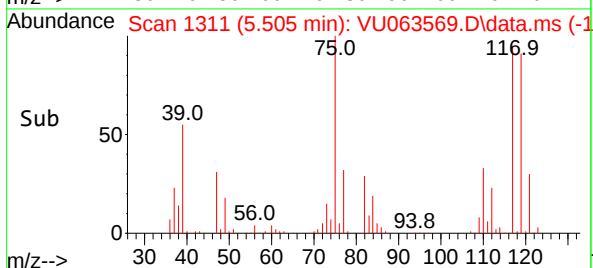
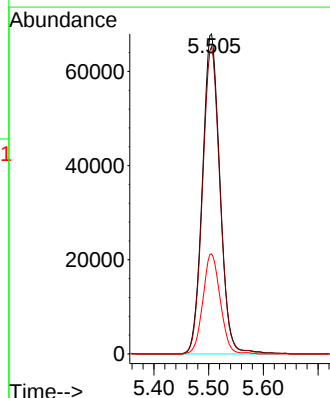
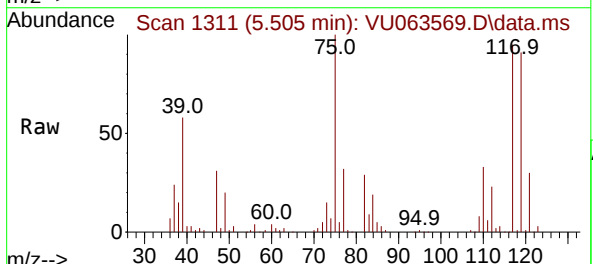
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

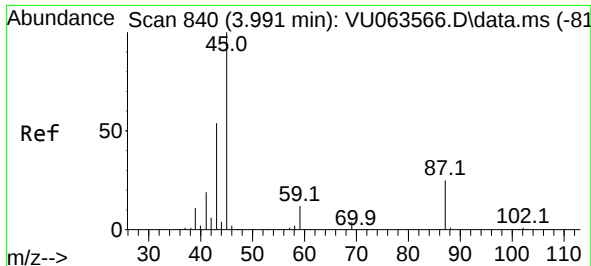
Tgt Ion: 75 Resp: 156961
Ion Ratio Lower Upper
75 100
110 34.7 16.4 49.4
77 31.2 24.6 37.0



#30
Carbon Tetrachloride
Concen: 12.423 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 117 Resp: 150862
Ion Ratio Lower Upper
117 100
119 96.0 75.7 113.5
121 31.3 25.4 38.0

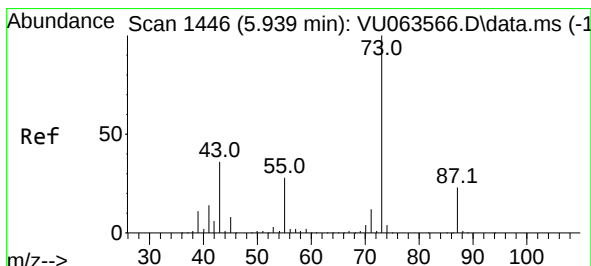
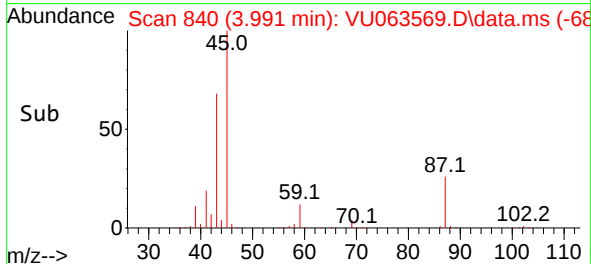
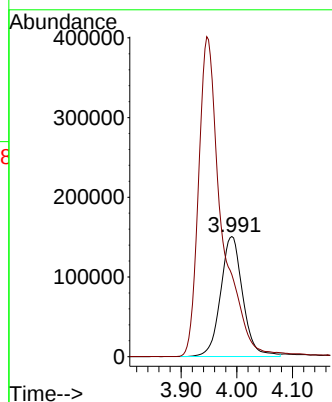
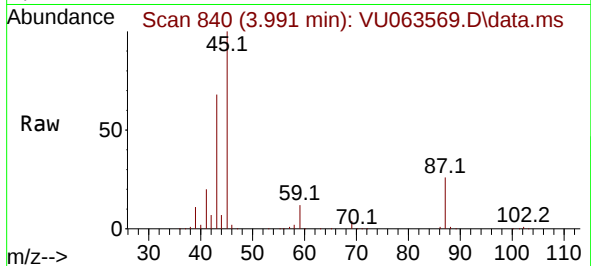




#31
Isopropyl Ether
Concen: 11.599 ug/l
RT: 3.991 min Scan# 84
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

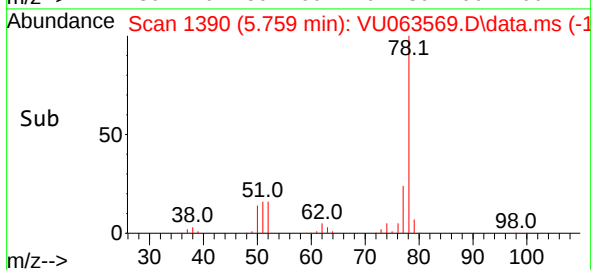
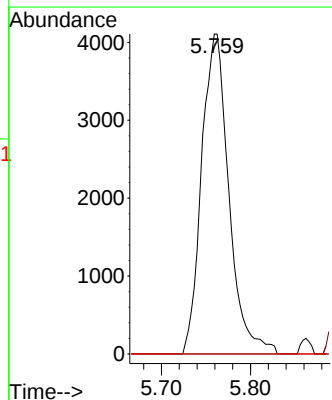
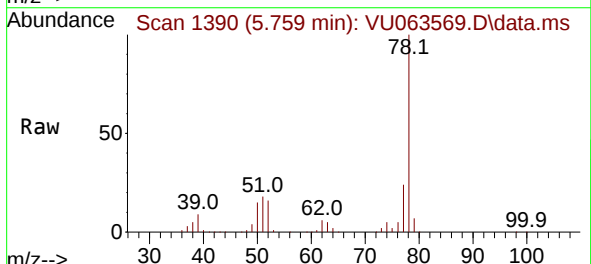
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

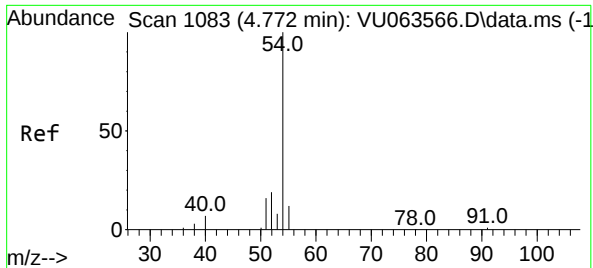
Tgt Ion: 45 Resp: 416868
Ion Ratio Lower Upper
45 100
43 280.1 26.2 78.6#



#33
Tert-Amyl methyl ether
Concen: 0.334 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. -0.180 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 73 Resp: 8749
Ion Ratio Lower Upper
73 100
87 188.8 19.0 28.6#
71 0.0 9.4 14.2#



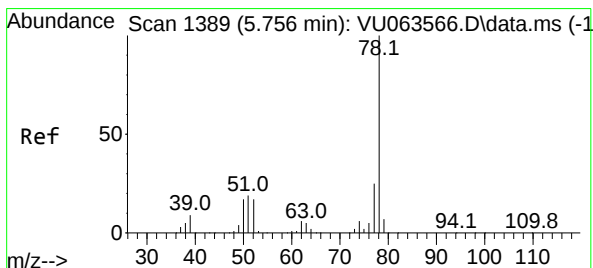
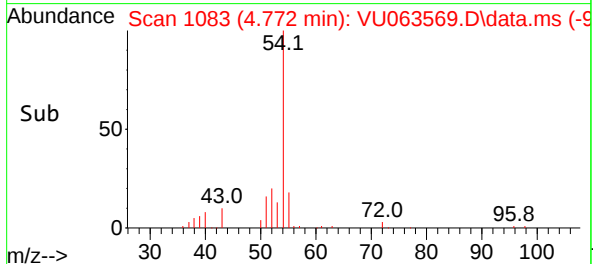
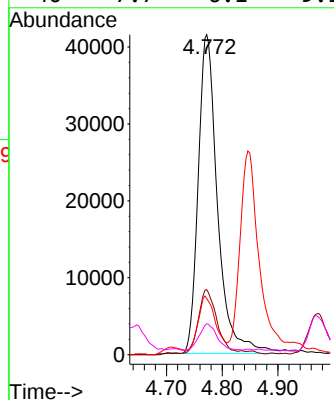
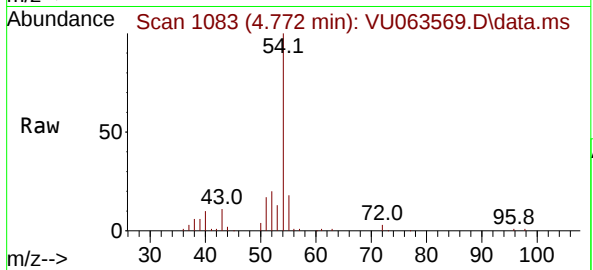


#34
 Propionitrile
 Concen: 99.879 ug/l
 RT: 4.772 min Scan# 1083
 Delta R.T. -0.000 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 14:16

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091225

Tgt Ion: 54 Resp: 100166

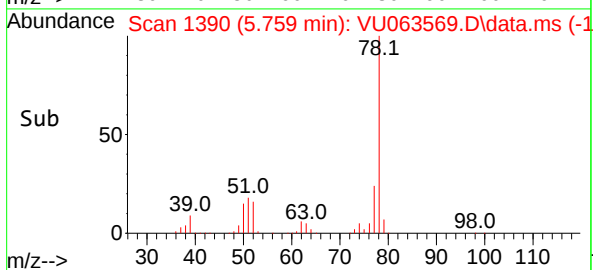
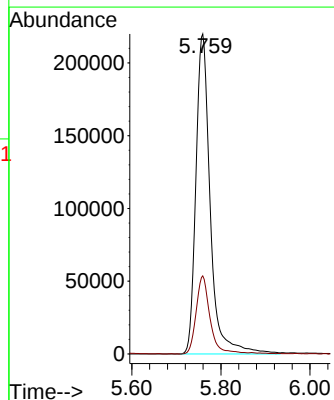
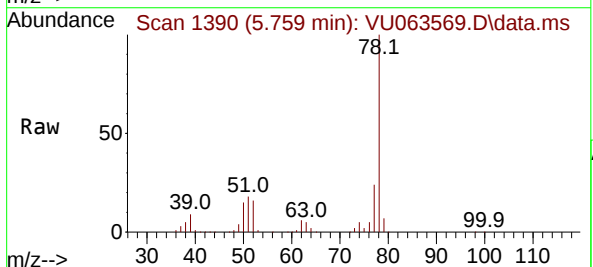
Ion	Ratio	Lower	Upper
54	100		
52	18.8	15.2	22.8
55	16.0	11.7	17.5
40	7.7	6.1	9.1

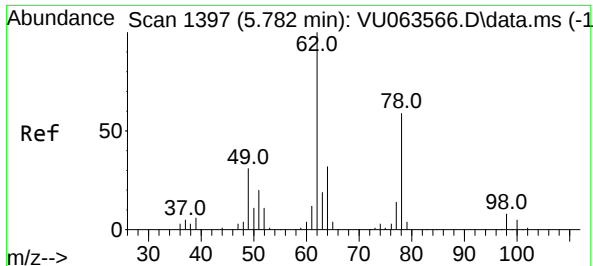


#35
 Benzene
 Concen: 11.199 ug/l
 RT: 5.759 min Scan# 1390
 Delta R.T. 0.003 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 14:16

Tgt Ion: 78 Resp: 494066

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.8	29.8





#36

1,2-Dichloroethane

Concen: 9.969 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

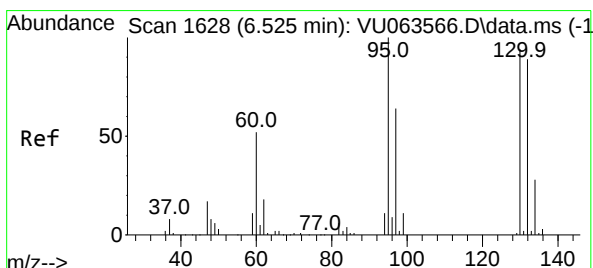
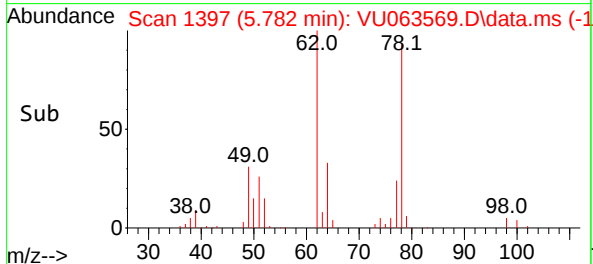
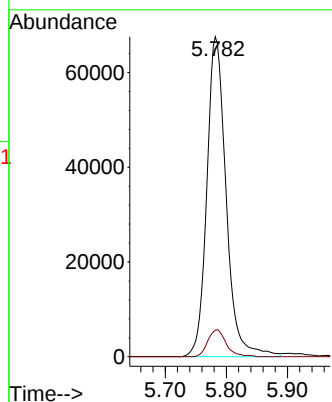
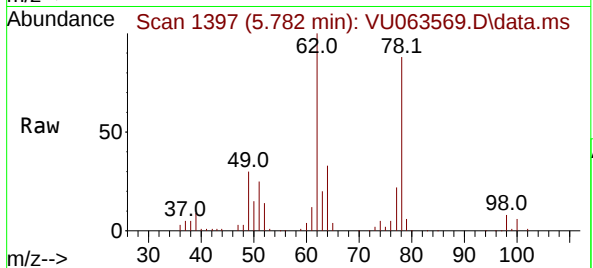
ICVVU091225

Tgt Ion: 62 Resp: 148405

Ion Ratio Lower Upper

62 100

98 8.1 6.3 9.5



#37

Trichloroethene

Concen: 11.396 ug/l

RT: 6.528 min Scan# 1629

Delta R.T. 0.003 min

Lab File: VU063569.D

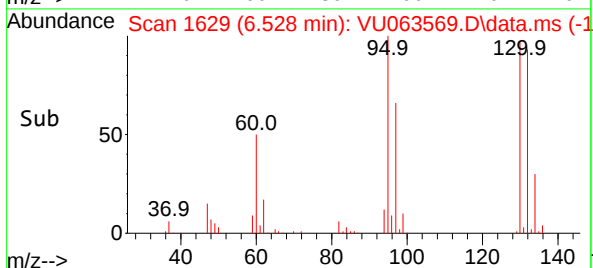
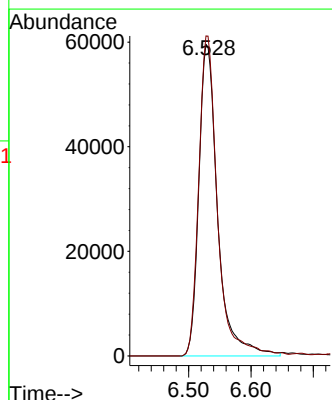
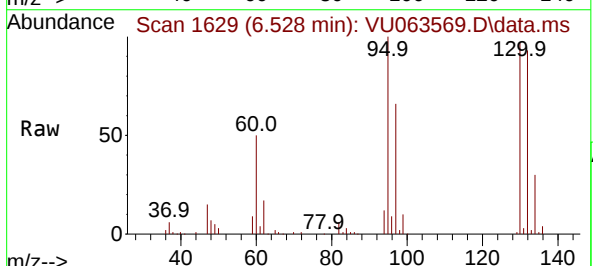
Acq: 12 Sep 2025 14:16

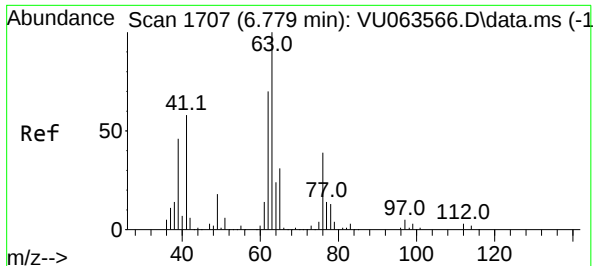
Tgt Ion:130 Resp: 125142

Ion Ratio Lower Upper

130 100

95 102.7 85.4 128.2





#38

1,2-Dichloropropane

Concen: 10.650 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

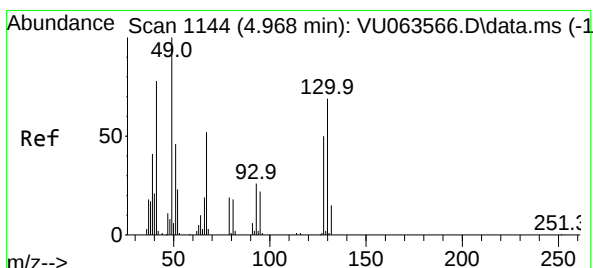
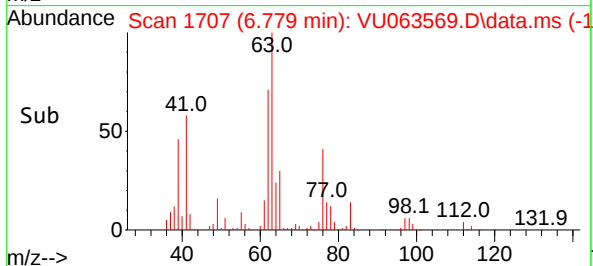
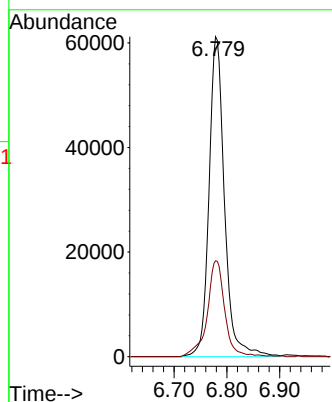
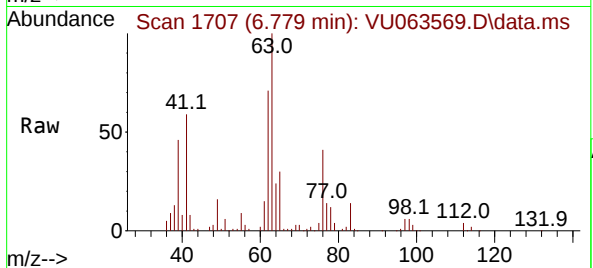
ICVVU091225

Tgt Ion: 63 Resp: 124484

Ion Ratio Lower Upper

63 100

65 30.0 24.9 37.3



#39

Methacrylonitrile

Concen: 8.376 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Tgt Ion: 41 Resp: 39654

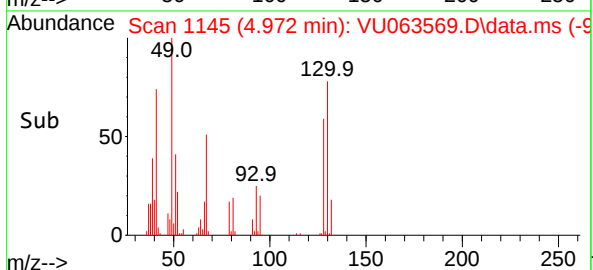
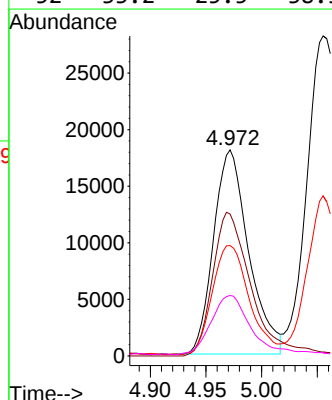
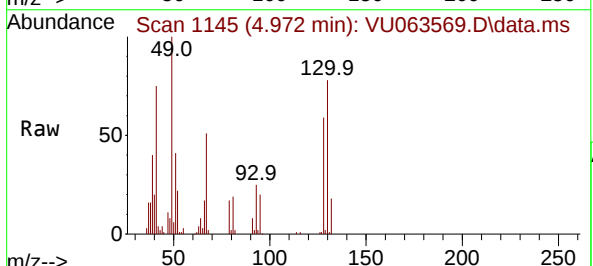
Ion Ratio Lower Upper

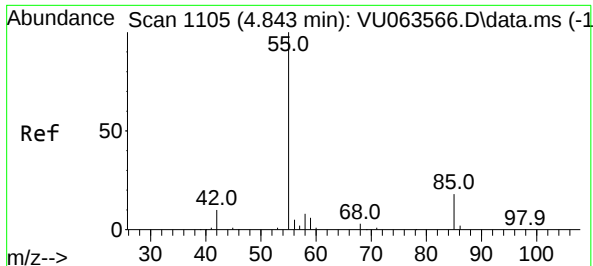
41 100

67 77.9 57.7 86.5

39 56.2 44.6 67.0

52 33.2 25.5 38.3

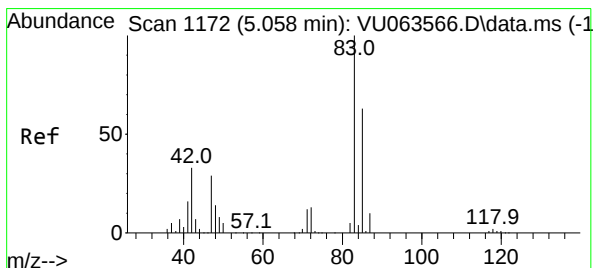
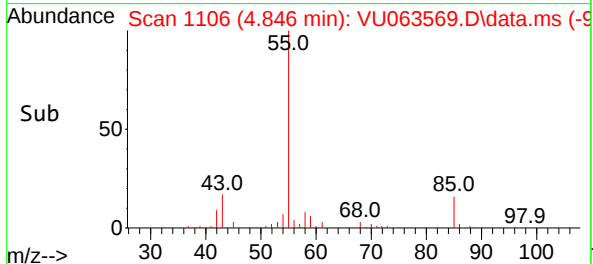
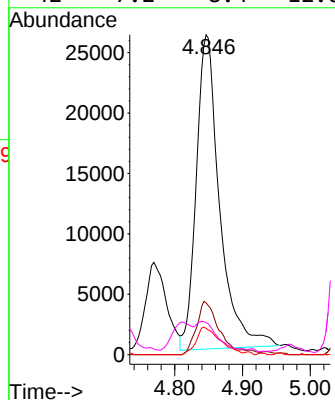
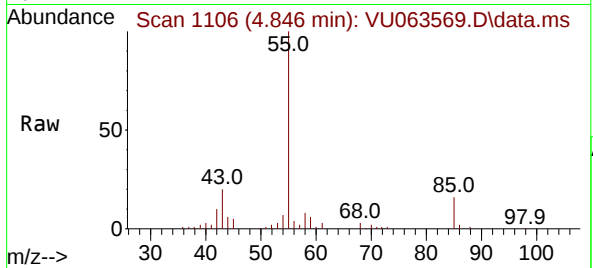




#40
Methyl acrylate
Concen: 9.625 ug/l
RT: 4.846 min Scan# 1105
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

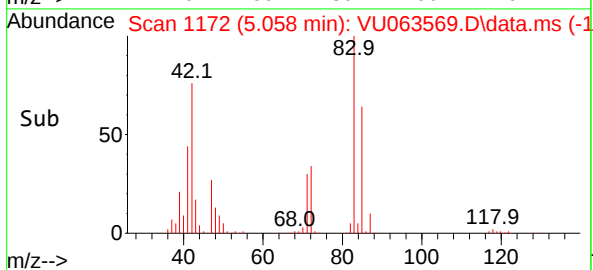
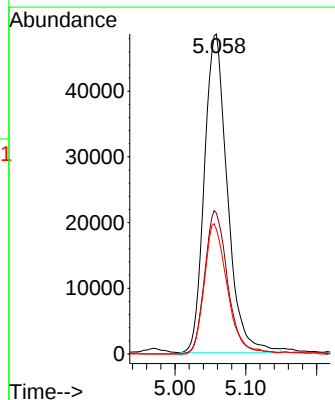
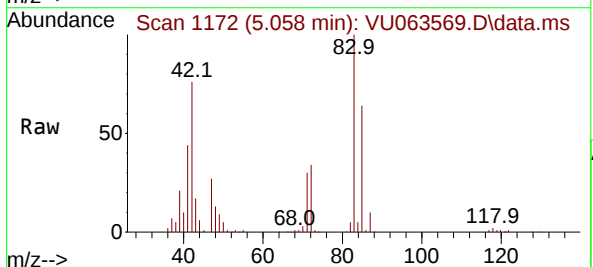
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

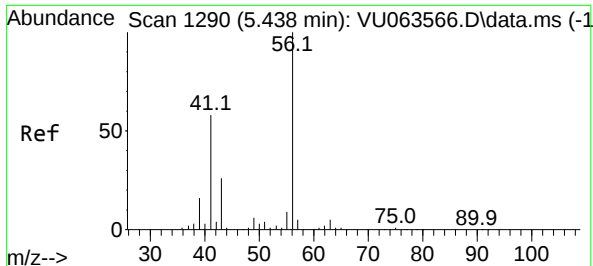
Tgt Ion:	55	Resp:	62464
Ion	Ratio	Lower	Upper
55	100		
85	15.7	12.8	19.2
58	8.9	6.6	10.0
42	7.2	8.4	12.6



#41
Tetrahydrofuran
Concen: 44.500 ug/l
RT: 5.058 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion:	42	Resp:	109819
Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.1	51.1
71	40.7	29.9	44.9





#42

1-Chlorobutane

Concen: 11.074 ug/l

RT: 5.441 min Scan# 1290

Delta R.T. 0.003 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

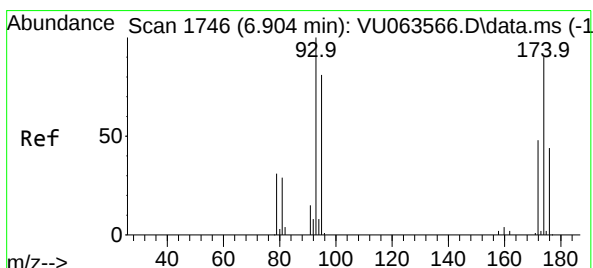
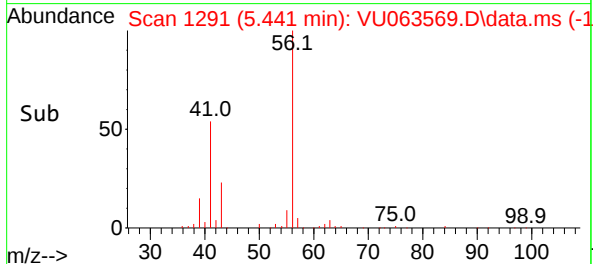
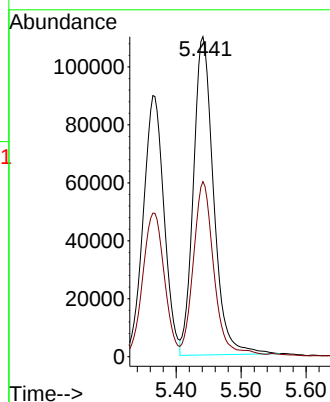
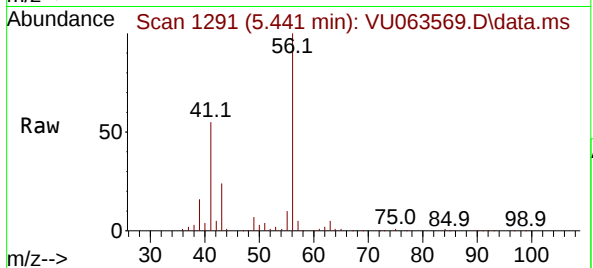
ICVVU091225

Tgt Ion: 56 Resp: 237907

Ion Ratio Lower Upper

56 100

41 54.6 28.3 84.9



#43

Dibromomethane

Concen: 12.268 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. 0.003 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

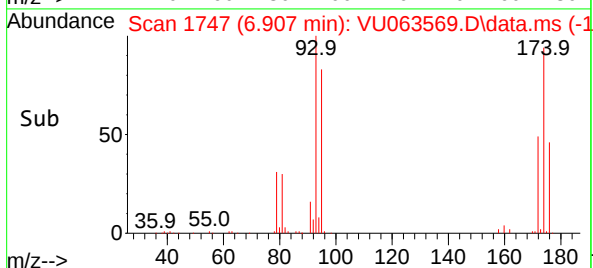
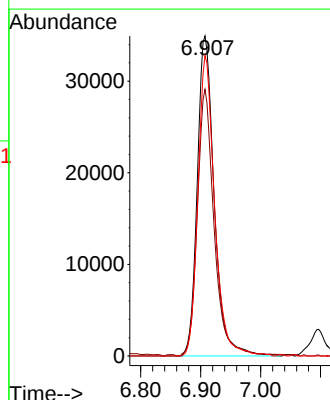
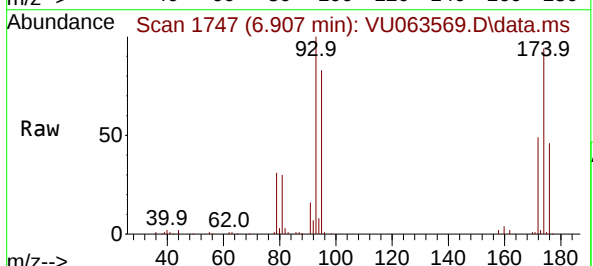
Tgt Ion: 93 Resp: 68752

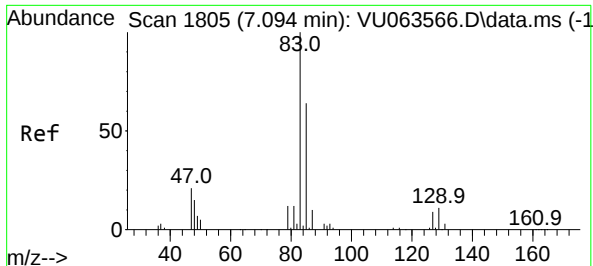
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 92.7 72.7 109.1

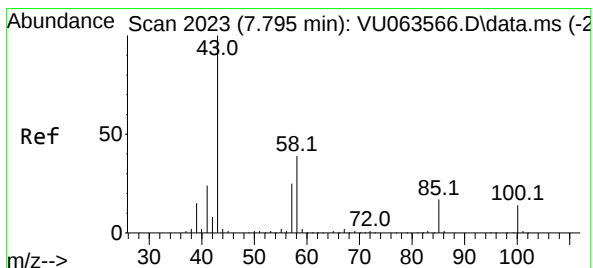
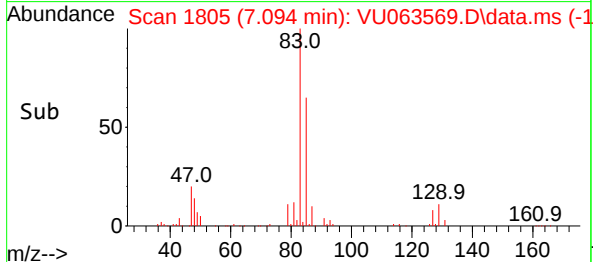
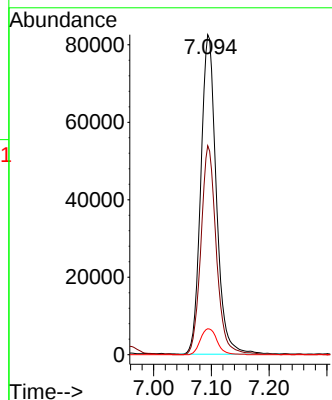
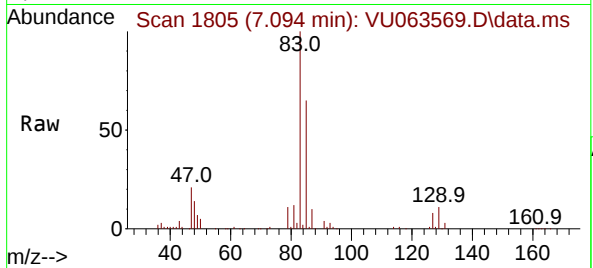




#44
Bromodichloromethane
Concen: 12.842 ug/l
RT: 7.094 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

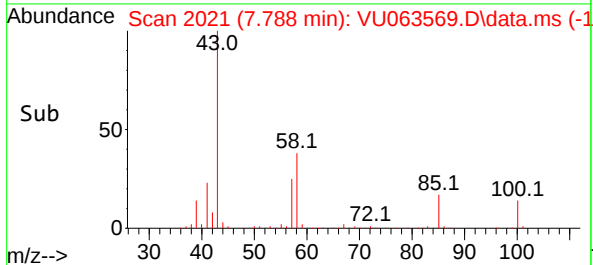
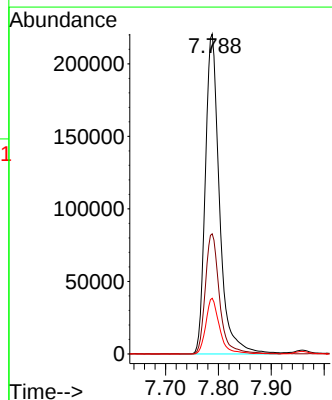
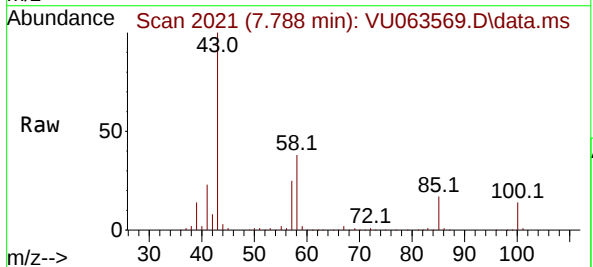
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

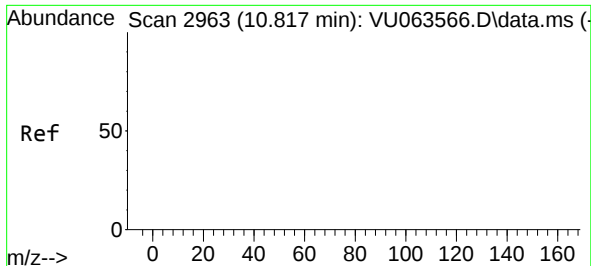
Tgt Ion: 83 Resp: 153764
Ion Ratio Lower Upper
83 100
85 65.4 51.2 76.8
127 8.1 6.9 10.3



#45
4-Methyl-2-Pentanone
Concen: 58.730 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. -0.006 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 43 Resp: 412190
Ion Ratio Lower Upper
43 100
58 37.6 18.9 56.9
85 16.7 13.3 19.9

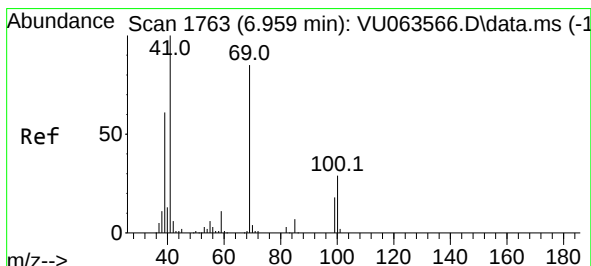
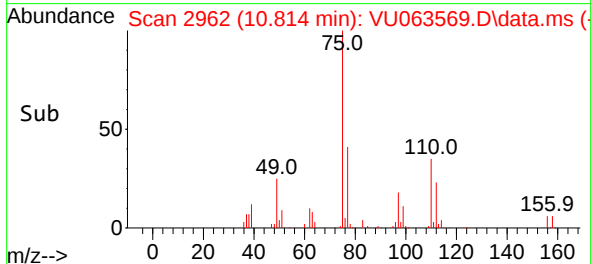
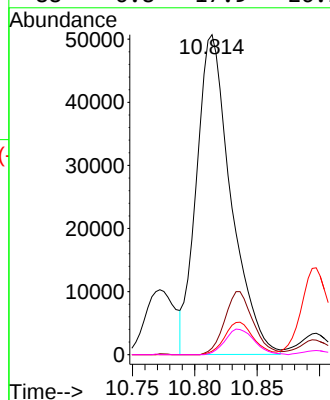
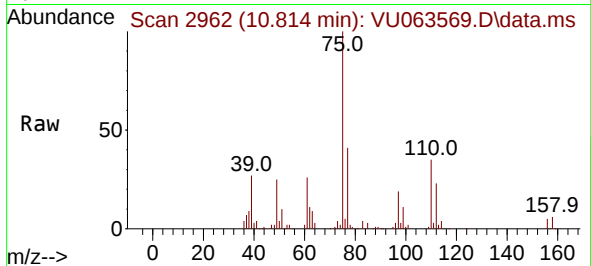




#46
t-1,4-Dichloro-2-butene
Concen: 37.020 ug/l
RT: 10.814 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

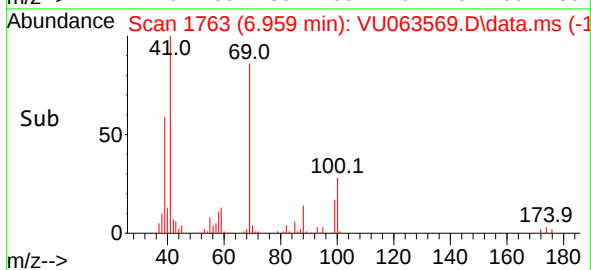
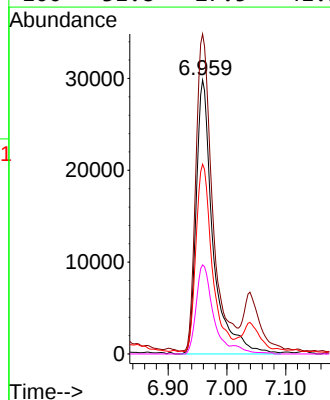
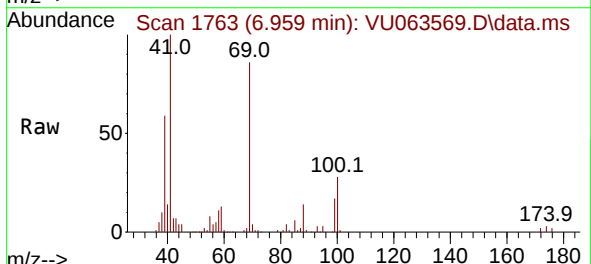
Instrument : MSVOA_U
ClientSampleId : ICVVU091225

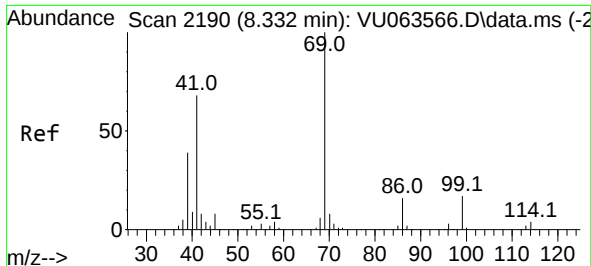
Tgt Ion: 75 Resp: 97218
Ion Ratio Lower Upper
75 100
53 16.3 43.2 64.8#
89 8.5 21.9 32.9#
88 6.8 17.9 26.9#



#47
Methyl methacrylate
Concen: 11.831 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 69 Resp: 59311
Ion Ratio Lower Upper
69 100
41 114.3 0.0 236.8
39 65.4 57.8 86.6
100 31.8 27.5 41.3

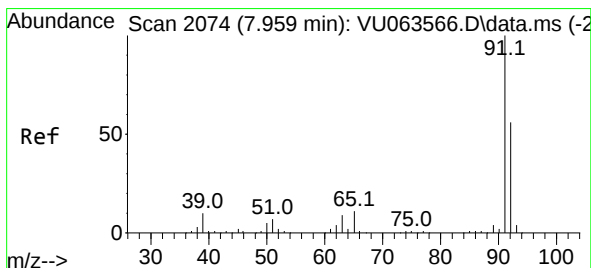
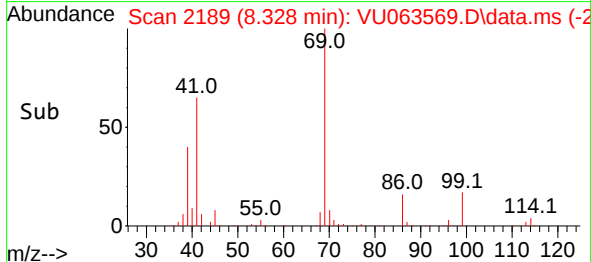
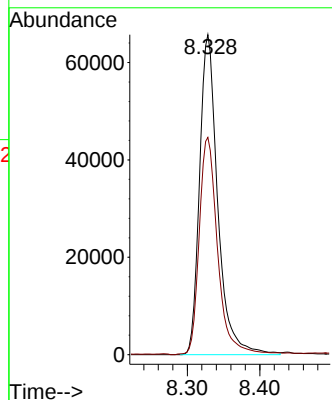
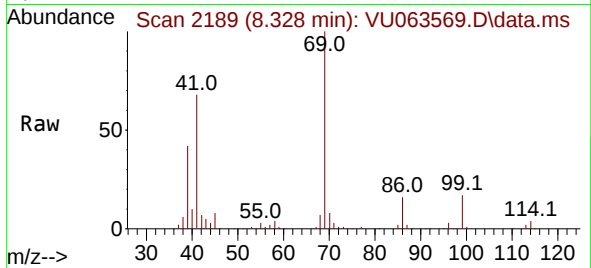




#48
Ethyl methacrylate
Concen: 12.306 ug/l
RT: 8.328 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

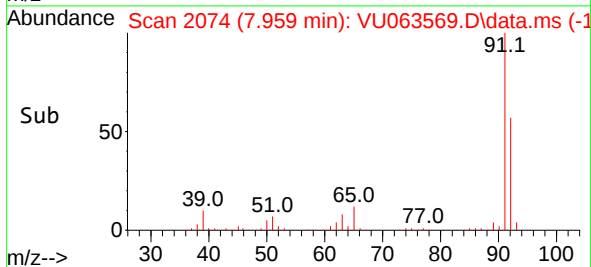
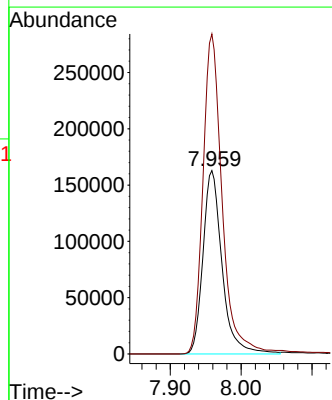
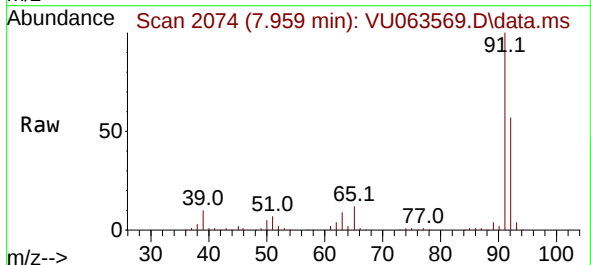
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

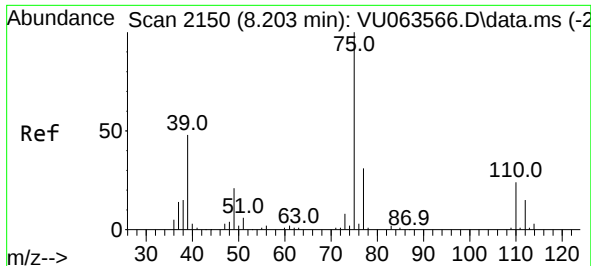
Tgt Ion: 69 Resp: 114415
Ion Ratio Lower Upper
69 100
41 68.7 33.7 101.1



#49
Toluene
Concen: 12.732 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 92 Resp: 304853
Ion Ratio Lower Upper
92 100
91 176.8 139.4 209.2





#50

t-1,3-Dichloropropene

Concen: 12.706 ug/l

RT: 8.200 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

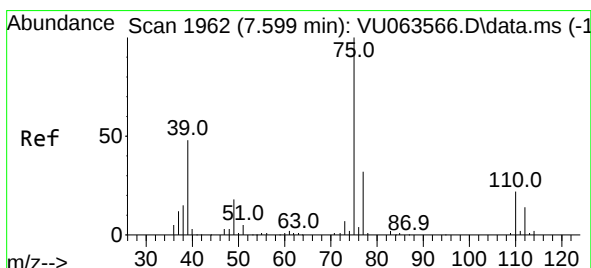
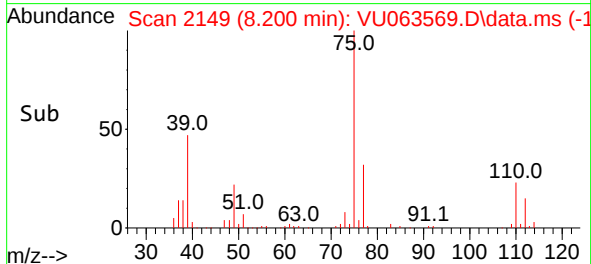
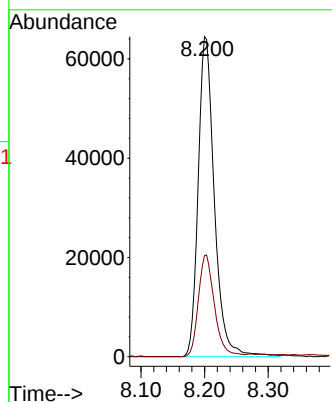
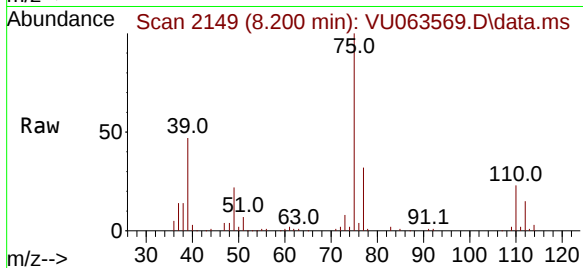
ICVVU091225

Tgt Ion: 75 Resp: 113965

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2



#51

cis-1,3-Dichloropropene

Concen: 12.867 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

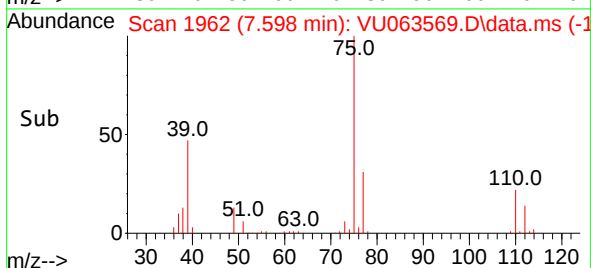
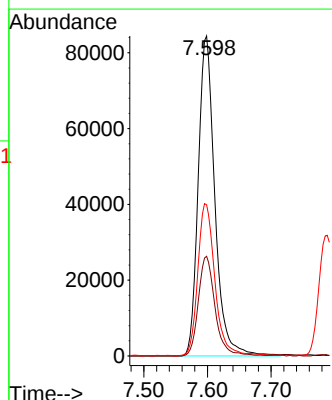
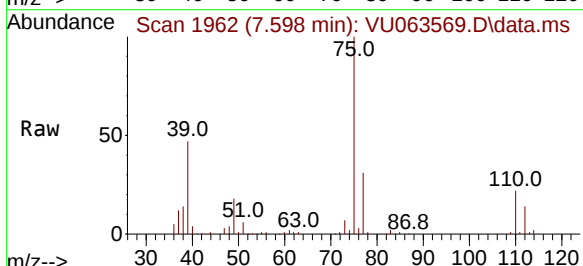
Tgt Ion: 75 Resp: 153529

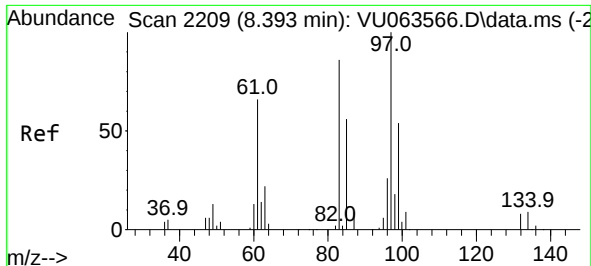
Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

39 47.1 38.8 58.2

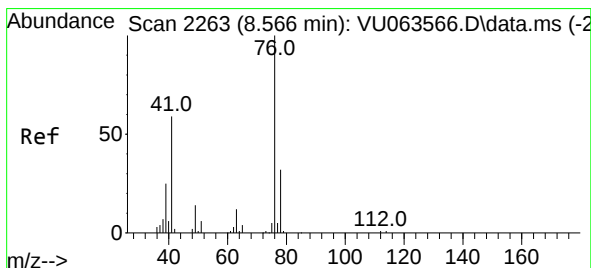
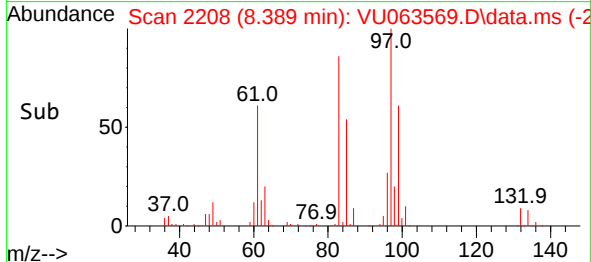
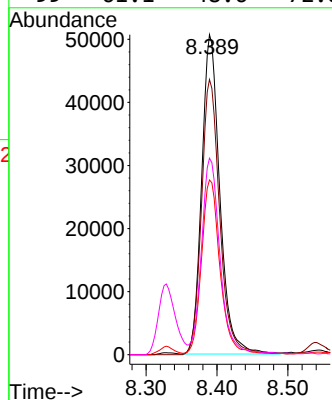
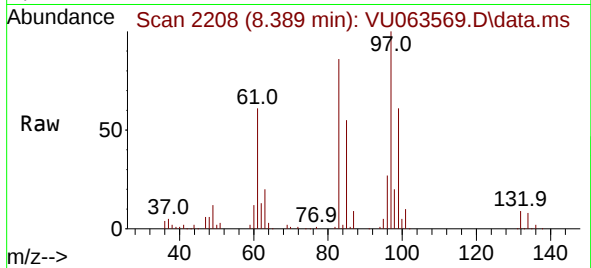




#52
1,1,2-Trichloroethane
Concen: 11.354 ug/l
RT: 8.389 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

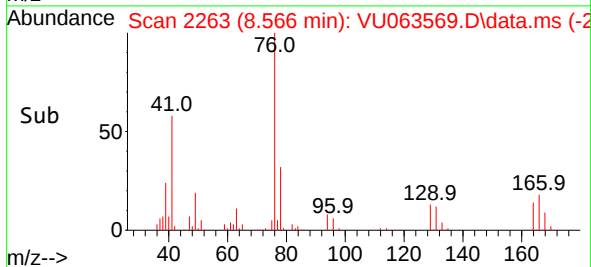
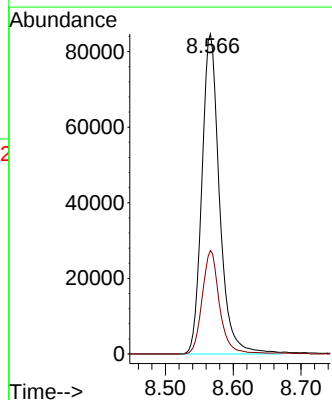
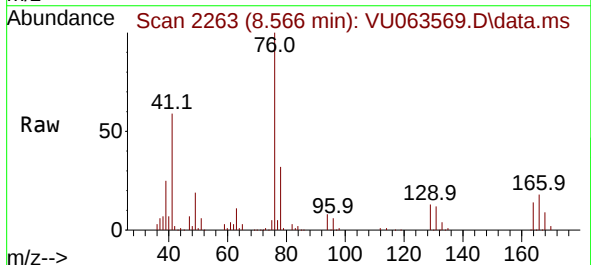
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

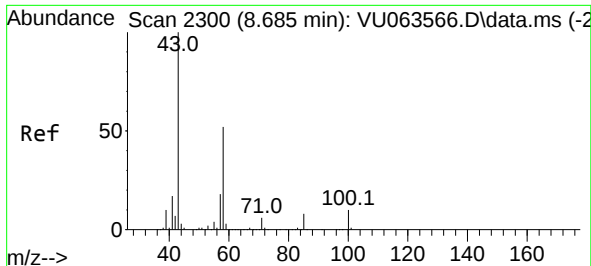
Tgt Ion:	97	Resp:	90063
Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.5	102.7
85	54.3	45.0	67.6
99	61.1	48.6	72.8



#53
1,3-Dichloropropane
Concen: 11.087 ug/l
RT: 8.566 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion:	76	Resp:	152780
Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.2	39.2

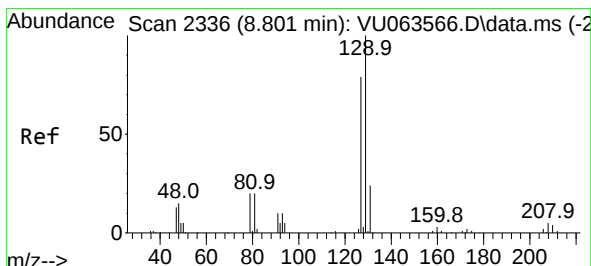
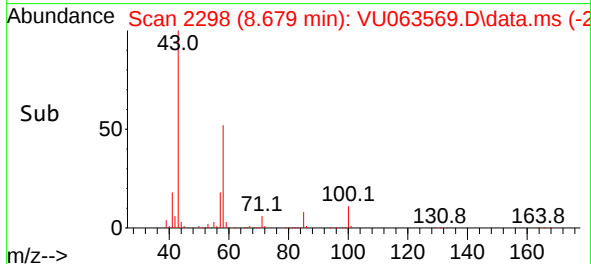
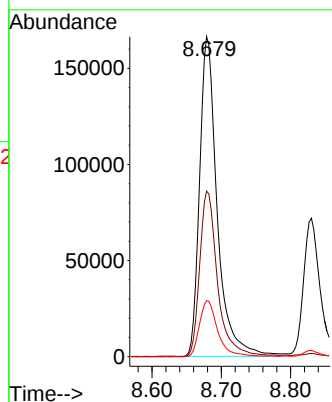
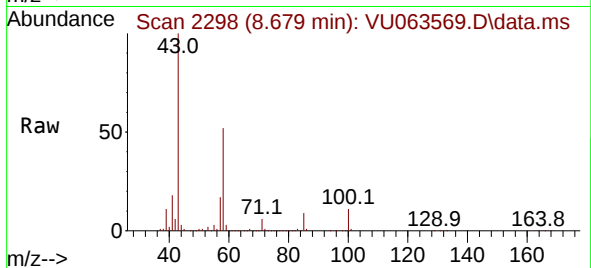




#54
2-Hexanone
Concen: 57.447 ug/l
RT: 8.679 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

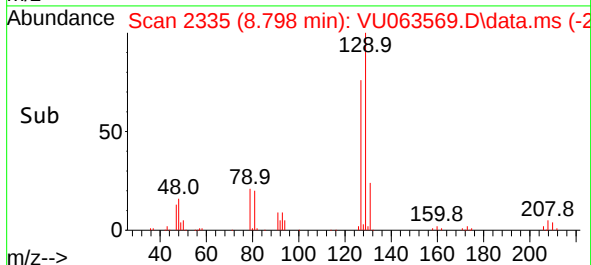
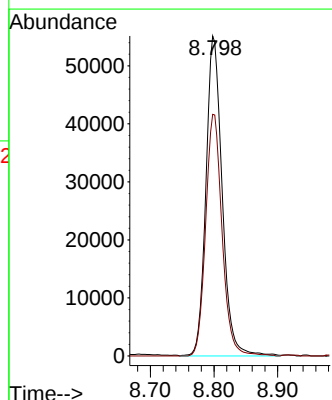
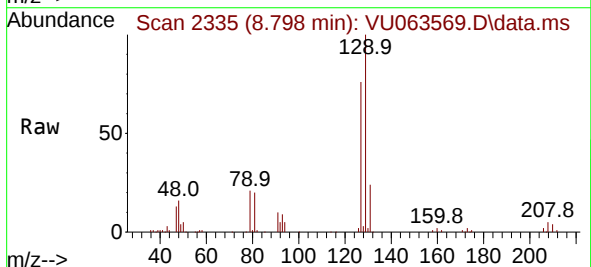
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

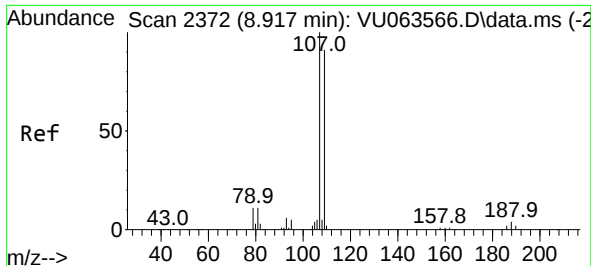
Tgt Ion: 43 Resp: 294630
Ion Ratio Lower Upper
43 100
58 52.6 32.7 72.7
57 18.1 0.0 38.2



#55
Dibromochloromethane
Concen: 12.695 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 129 Resp: 97593
Ion Ratio Lower Upper
129 100
127 76.5 61.9 92.9

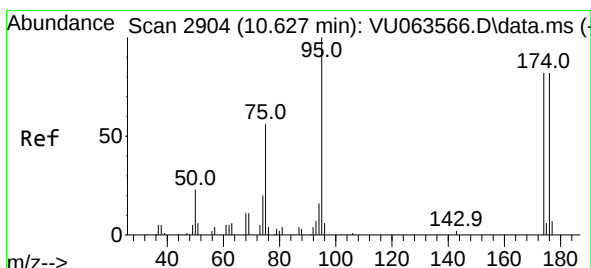
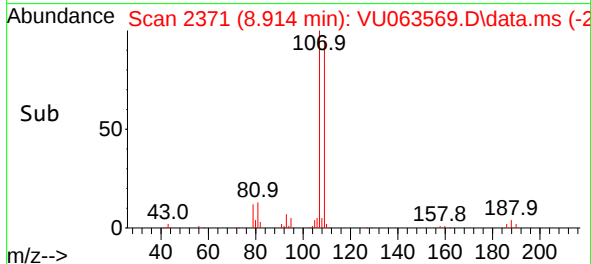
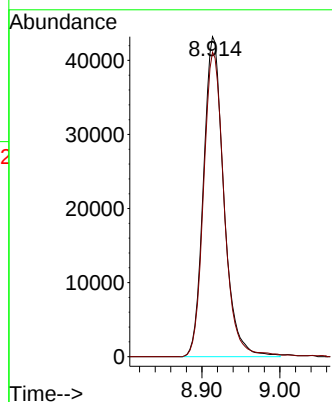
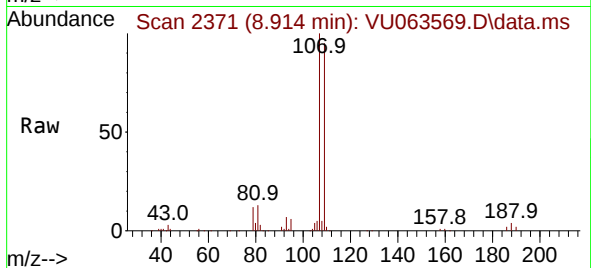




#56
1,2-Dibromoethane
Concen: 11.434 ug/l
RT: 8.914 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

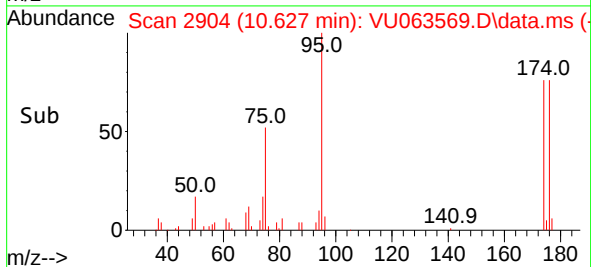
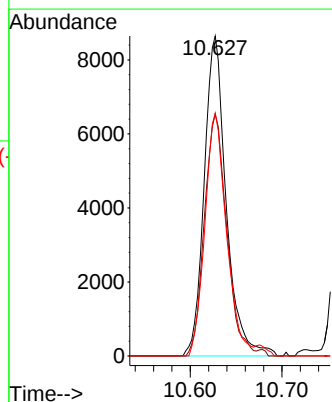
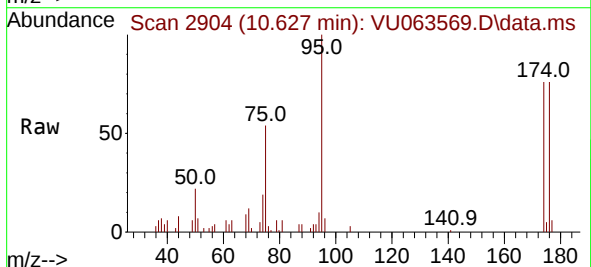
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

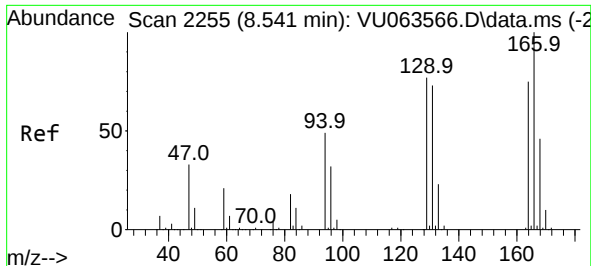
Tgt Ion:107 Resp: 78240
Ion Ratio Lower Upper
107 100
109 96.2 0.0 183.6



#57
4-Bromofluorobenzene
Concen: 1.148 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 95 Resp: 14421
Ion Ratio Lower Upper
95 100
174 76.7 64.7 97.1
176 74.4 66.2 99.4

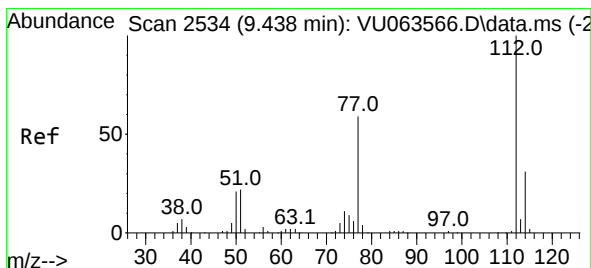
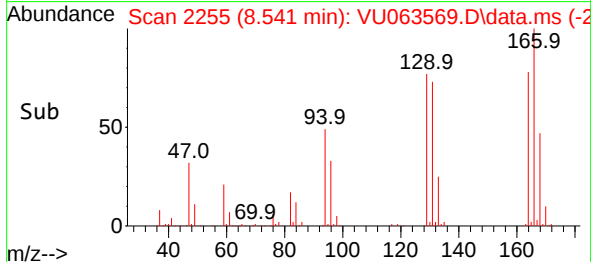
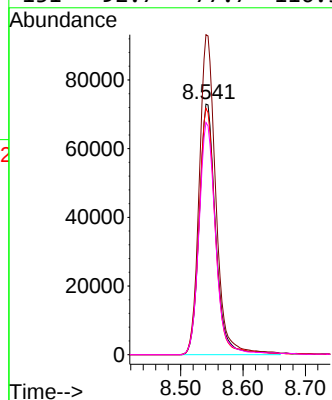
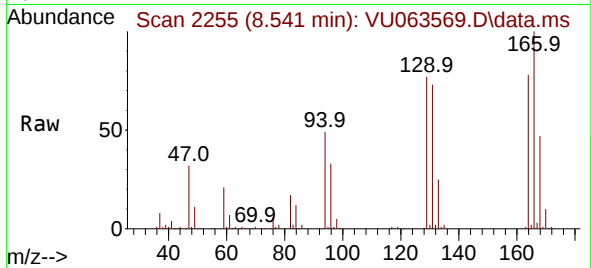




#58
Tetrachloroethene
Concen: 12.360 ug/l
RT: 8.541 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

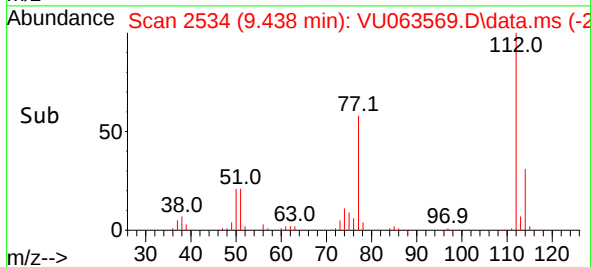
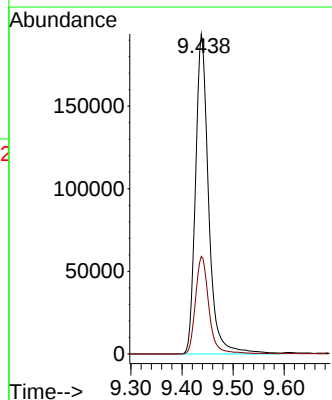
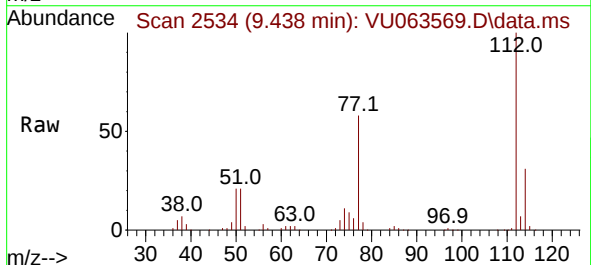
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

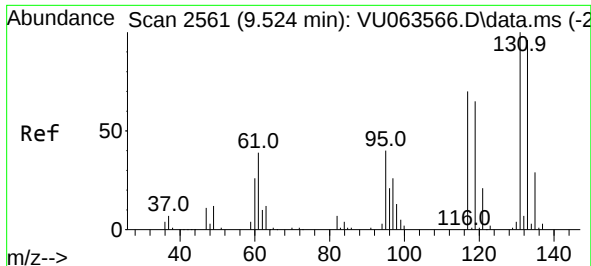
Tgt Ion:164 Resp: 133665
Ion Ratio Lower Upper
164 100
166 127.7 106.4 159.6
129 98.4 81.4 122.2
131 92.7 77.7 116.5



#59
Chlorobenzene
Concen: 12.530 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion:112 Resp: 345707
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.4

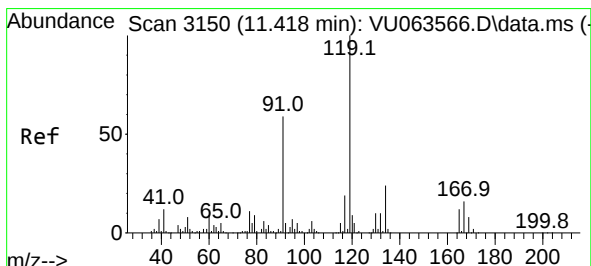
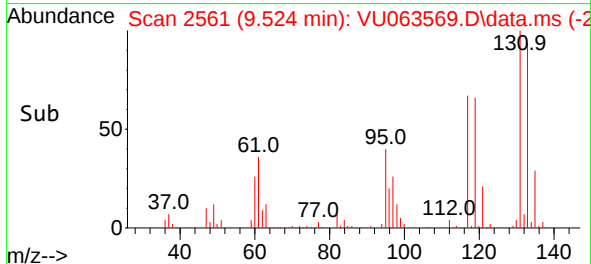
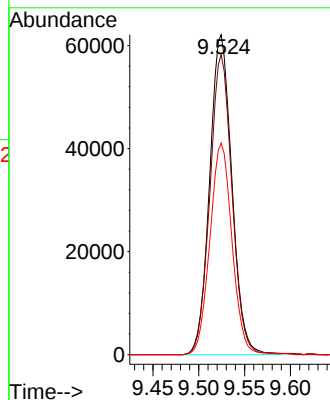
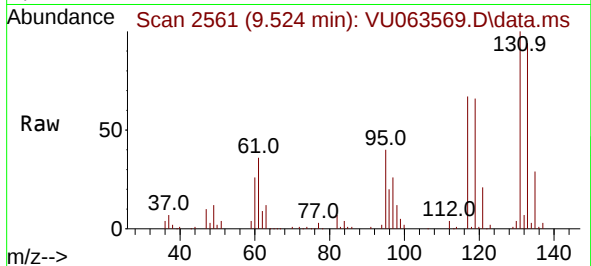




#60
1,1,1,2-Tetrachloroethane
Concen: 11.629 ug/l
RT: 9.524 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

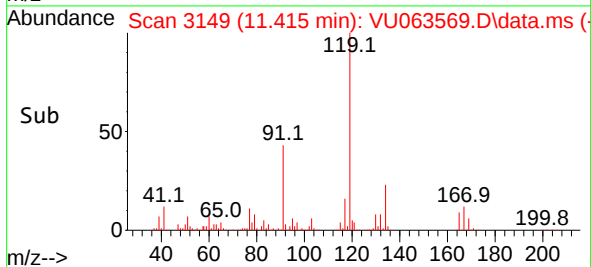
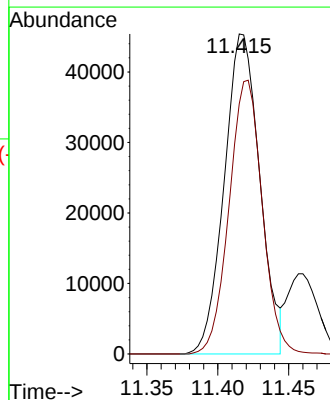
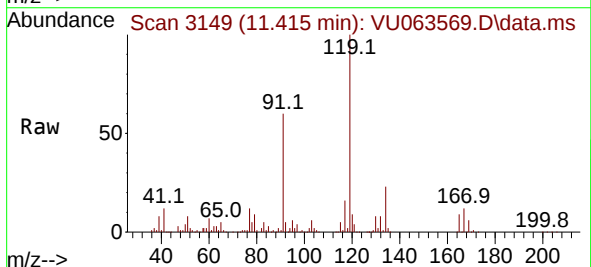
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

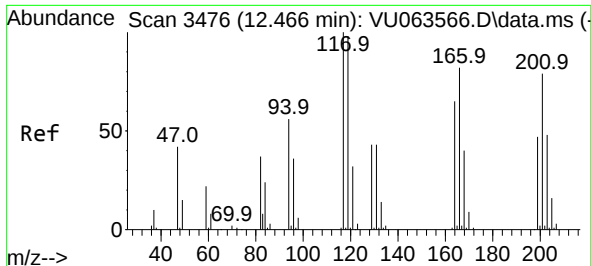
Tgt Ion:131 Resp: 104799
Ion Ratio Lower Upper
131 100
133 93.4 75.8 113.8
119 65.7 51.8 77.6



#61
Pentachloroethane
Concen: 12.251 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

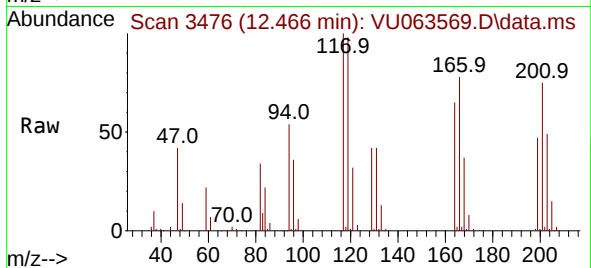
Tgt Ion:117 Resp: 79133
Ion Ratio Lower Upper
117 100
167 79.9 62.6 93.8



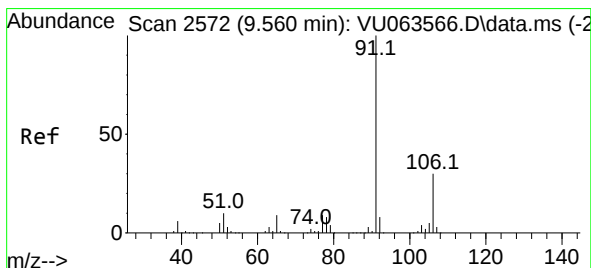
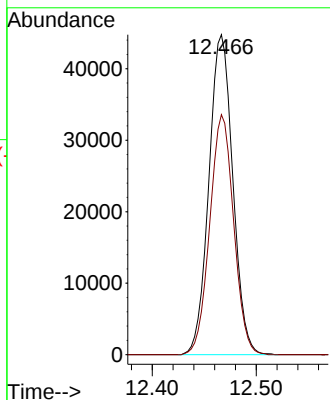
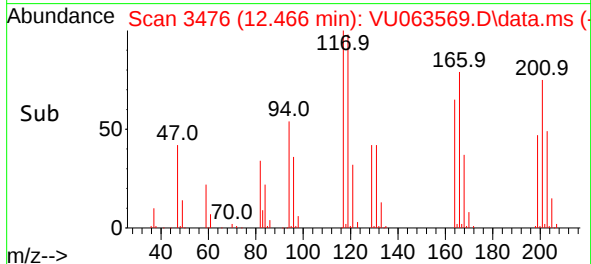


#62
Hexachloroethane
Concen: 12.748 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Instrument : MSVOA_U
ClientSampleId : ICVVU091225

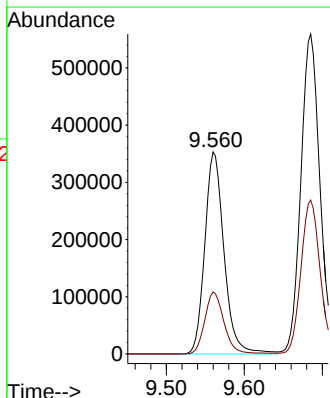
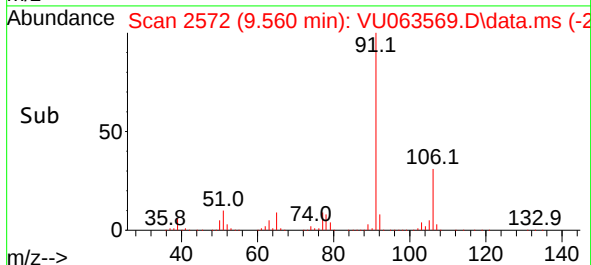
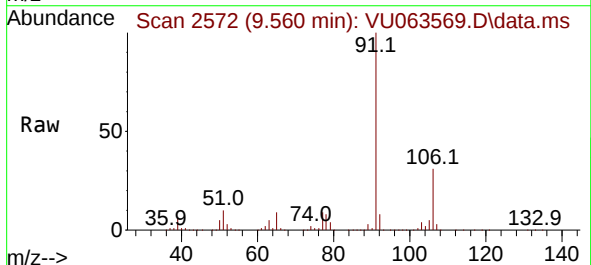


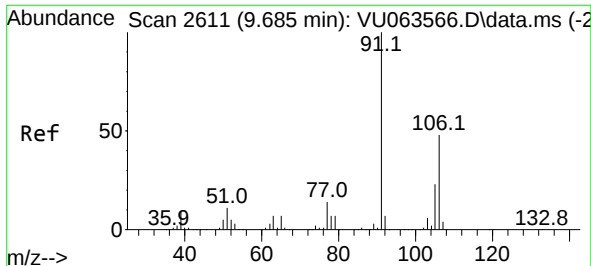
Tgt Ion:117 Resp: 71621
Ion Ratio Lower Upper
117 100
201 75.0 61.0 91.6



#63
Ethyl Benzene
Concen: 12.856 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 91 Resp: 605628
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.8

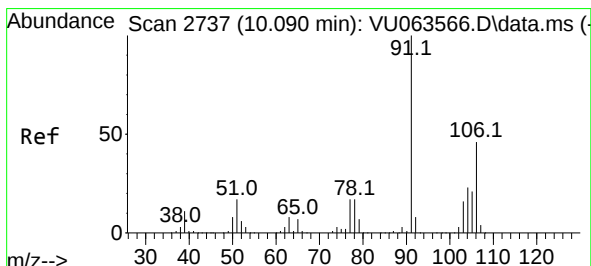
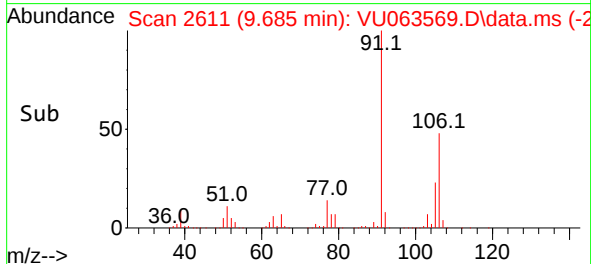
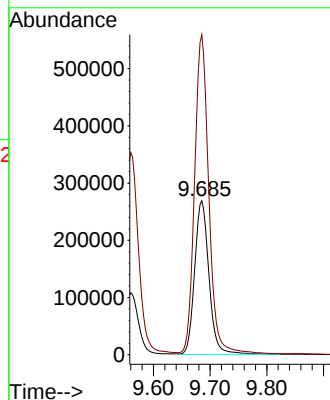
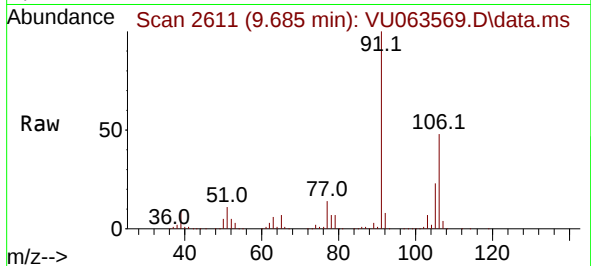




#64
m/p-Xylenes
Concen: 26.002 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

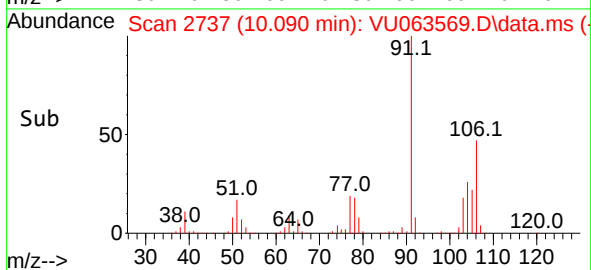
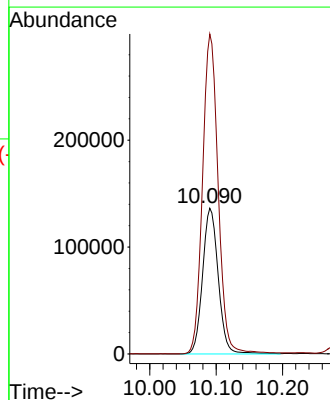
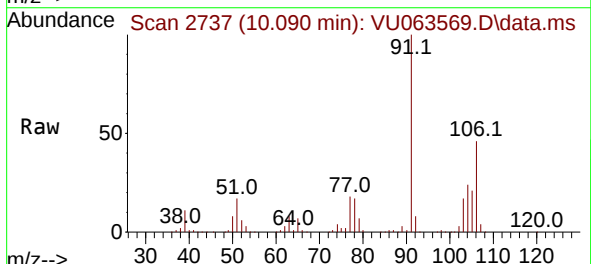
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

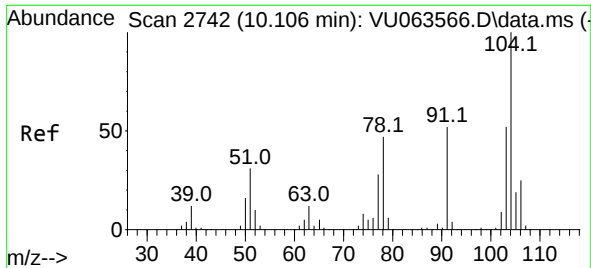
Tgt Ion:106 Resp: 470705
Ion Ratio Lower Upper
106 100
91 206.5 167.0 250.4



#65
o-Xylene
Concen: 12.374 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion:106 Resp: 224209
Ion Ratio Lower Upper
106 100
91 218.6 108.7 326.1

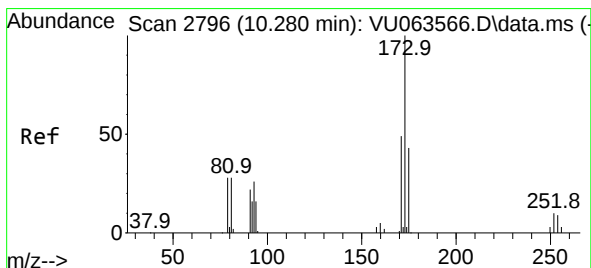
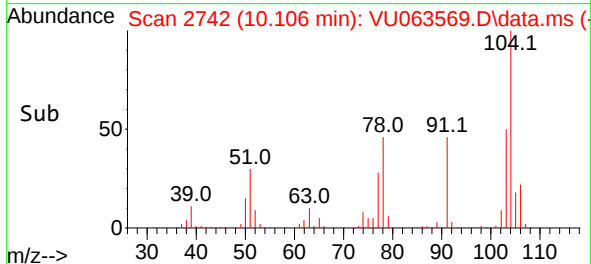
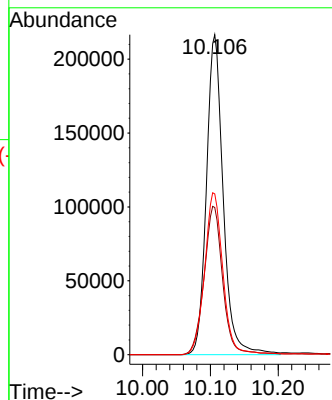
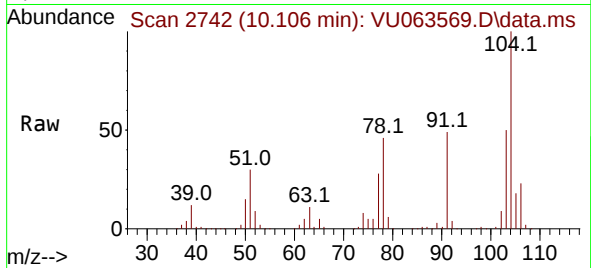




#66
Styrene
Concen: 12.864 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

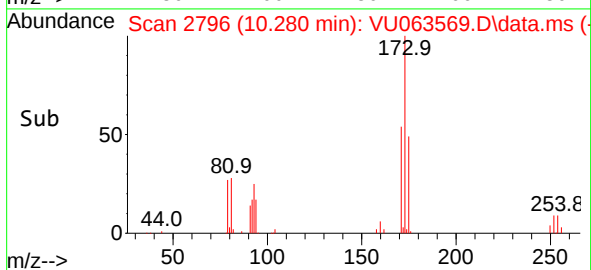
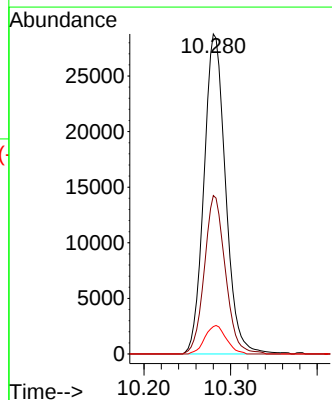
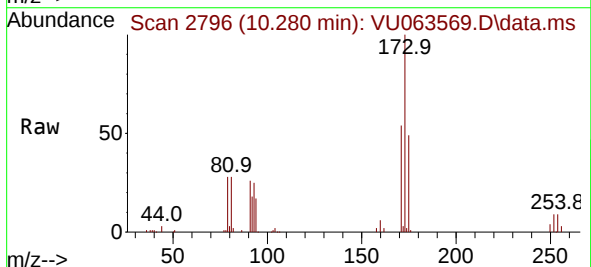
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

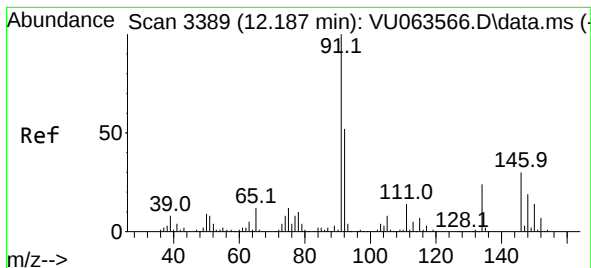
Tgt Ion:104 Resp: 372088
Ion Ratio Lower Upper
104 100
78 51.6 41.2 61.8
103 55.5 44.2 66.2



#67
Bromoform
Concen: 13.044 ug/l
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion:173 Resp: 49947
Ion Ratio Lower Upper
173 100
175 48.0 37.0 55.6
254 8.8 7.1 10.7





#68

1,2-Dichlorobenzene-d4

Concen: 1.142 ug/l

RT: 12.184 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

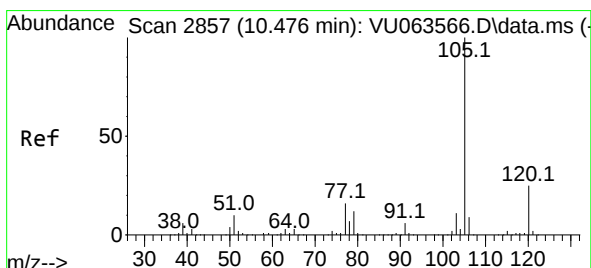
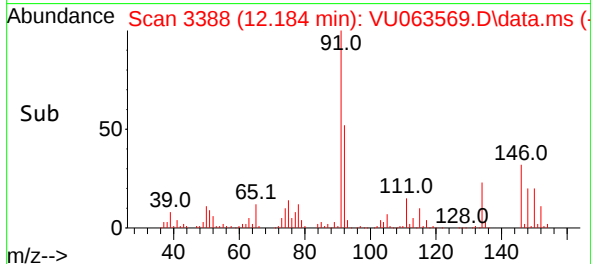
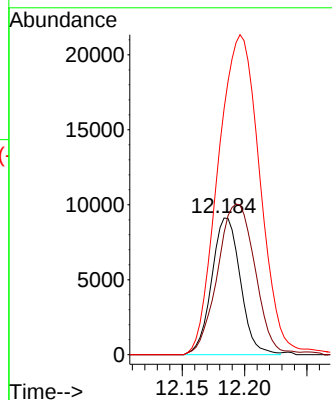
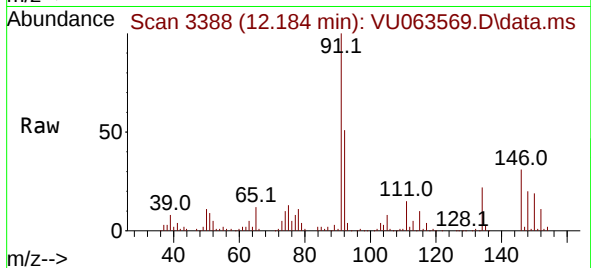
Tgt Ion:152 Resp: 14625

Ion Ratio Lower Upper

152 100

115 144.0 0.0 260.6

150 341.7 0.0 661.8



#69

Isopropylbenzene

Concen: 13.729 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU063569.D

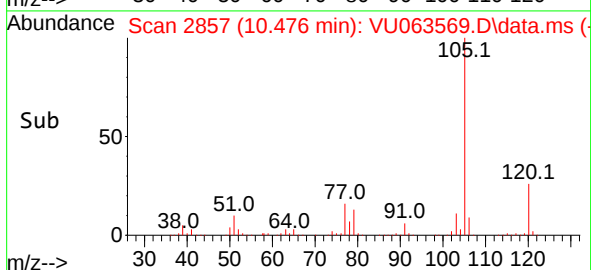
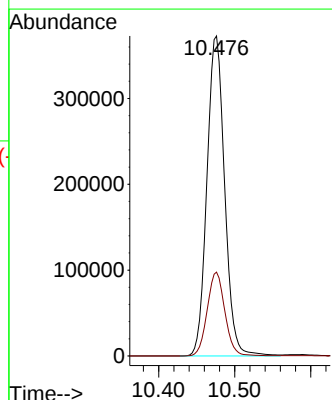
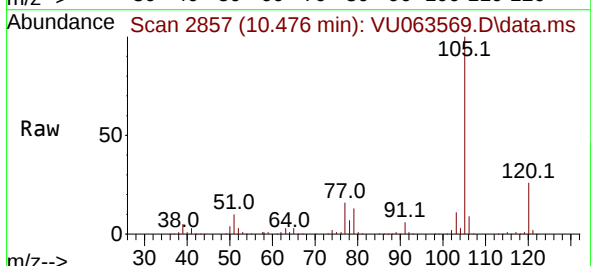
Acq: 12 Sep 2025 14:16

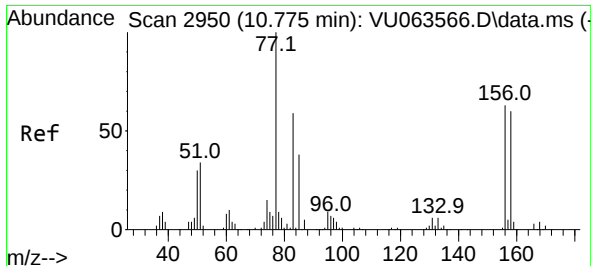
Tgt Ion:105 Resp: 603861

Ion Ratio Lower Upper

105 100

120 26.1 12.7 38.0

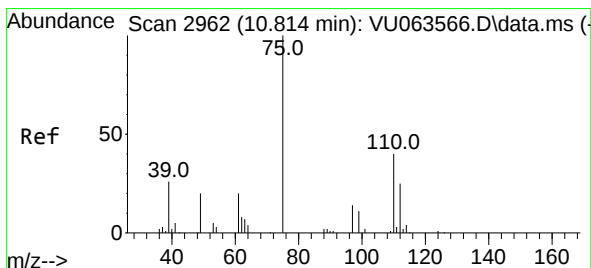
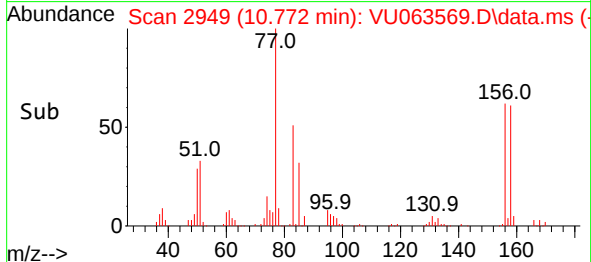
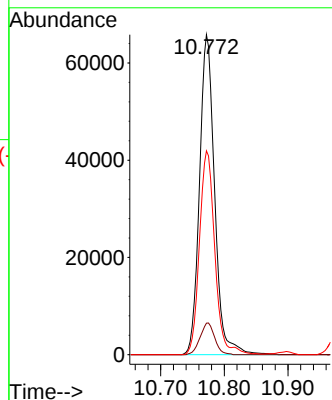
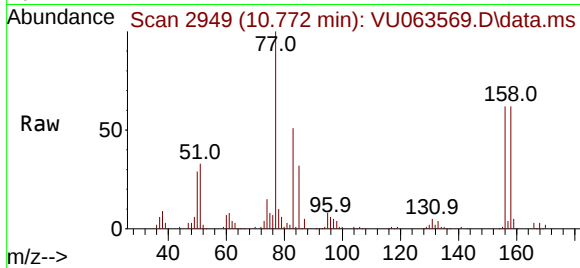




#70
 1,1,2,2-Tetrachloroethane
 Concen: 10.774 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.003 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 14:16

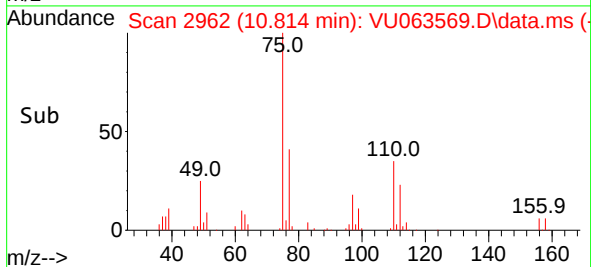
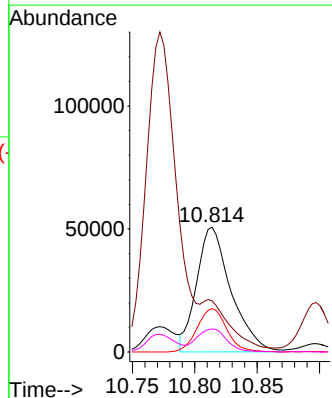
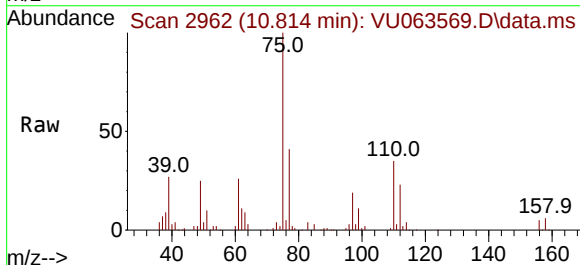
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091225

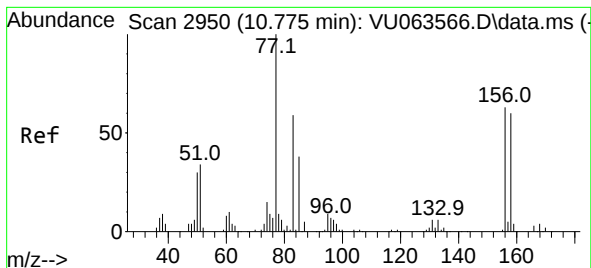
Tgt Ion: 83 Resp: 108825
 Ion Ratio Lower Upper
 83 100
 131 9.6 7.7 11.5
 85 64.8 52.2 78.4



#71
 1,2,3-Trichloropropane
 Concen: 12.984 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 14:16

Tgt Ion: 75 Resp: 97218
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0
 110 29.9 0.0 77.6
 97 16.3 0.0 39.6





#72

Bromobenzene

Concen: 12.327 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

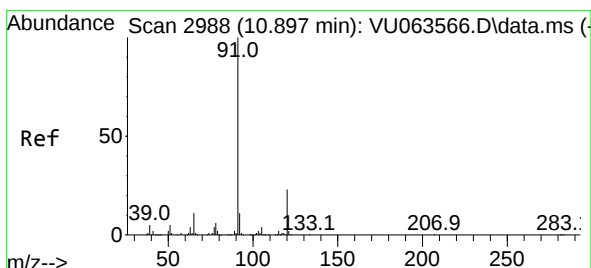
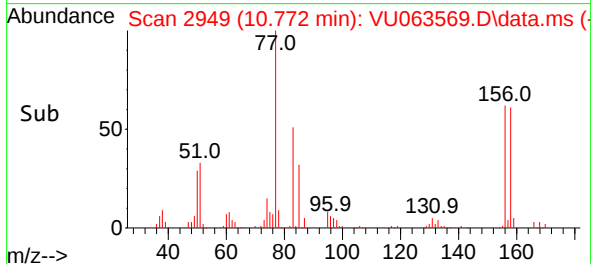
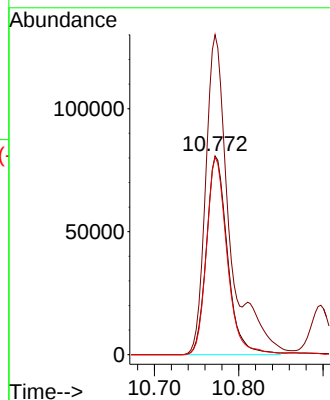
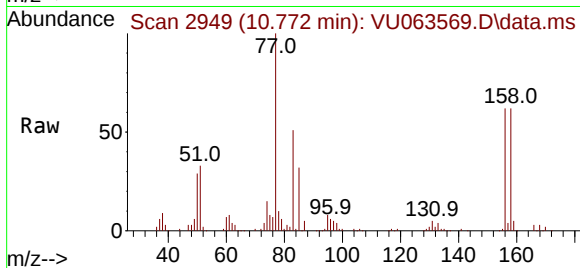
Tgt Ion:156 Resp: 140663

Ion Ratio Lower Upper

156 100

77 158.4 0.0 323.0

158 97.4 0.0 195.4



#73

n-propylbenzene

Concen: 12.874 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. -0.000 min

Lab File: VU063569.D

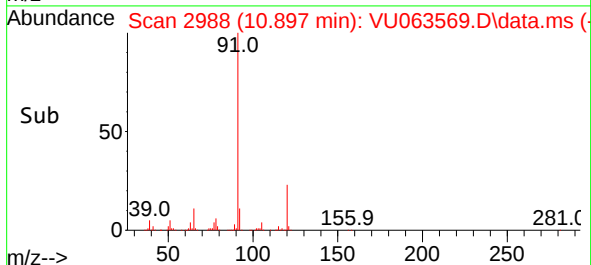
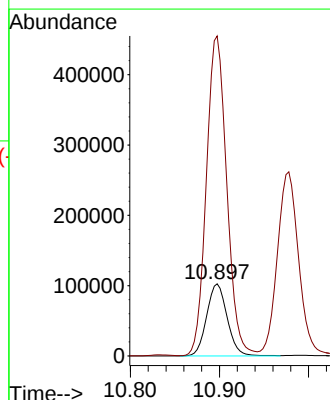
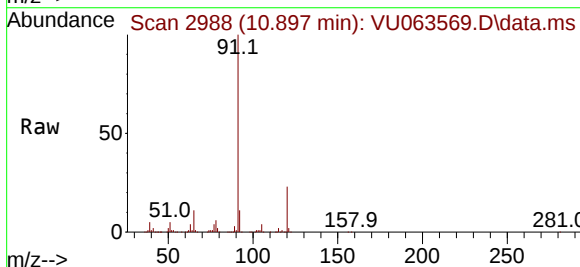
Acq: 12 Sep 2025 14:16

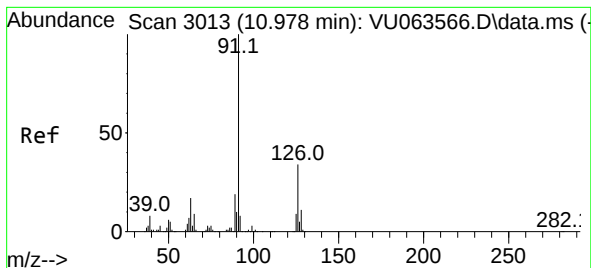
Tgt Ion:120 Resp: 163675

Ion Ratio Lower Upper

120 100

91 441.6 349.1 523.7

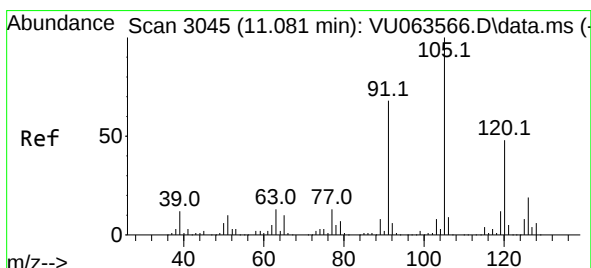
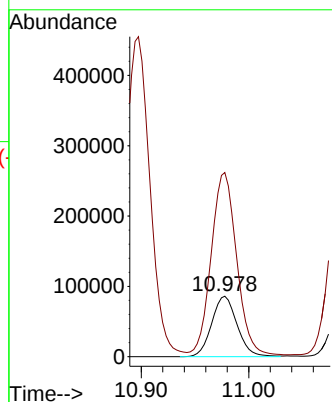
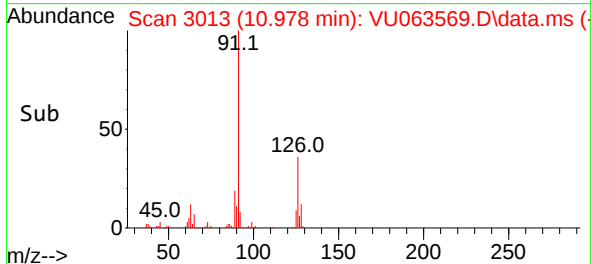
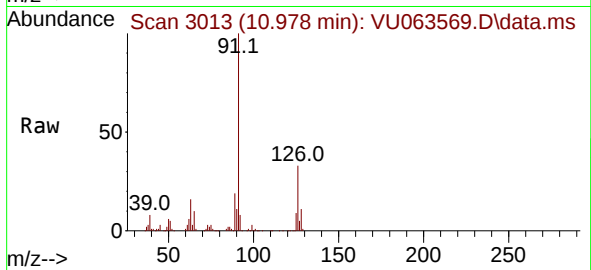




#74
2-Chlorotoluene
Concen: 12.265 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

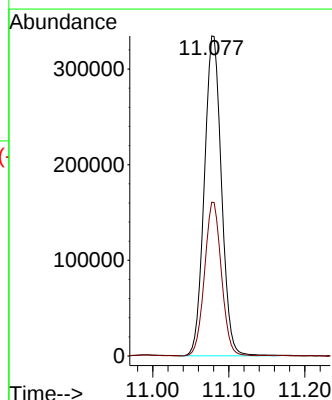
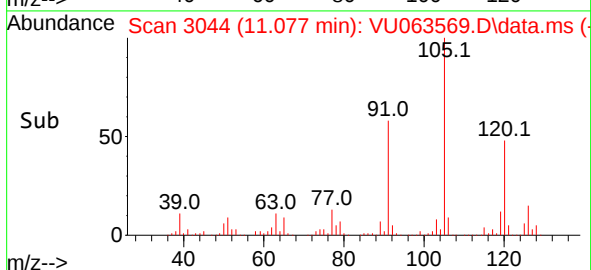
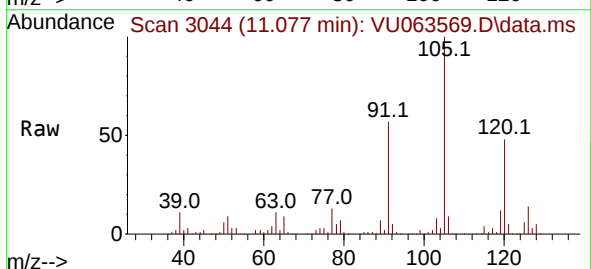
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

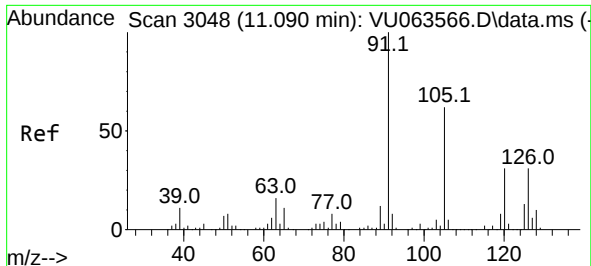
Tgt Ion:126 Resp: 140991
Ion Ratio Lower Upper
126 100
91 306.5 0.0 609.4



#75
1,3,5-Trimethylbenzene
Concen: 12.702 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion:105 Resp: 522517
Ion Ratio Lower Upper
105 100
120 47.4 38.0 57.0

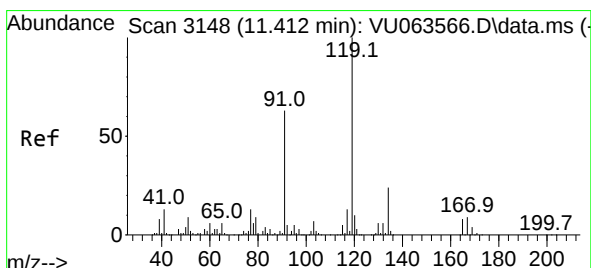
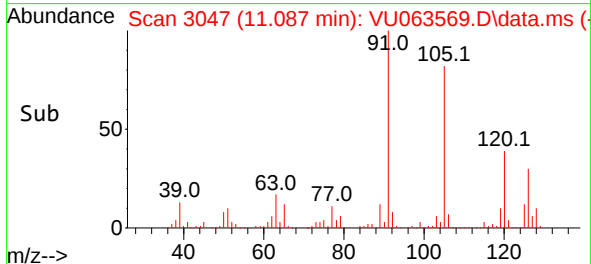
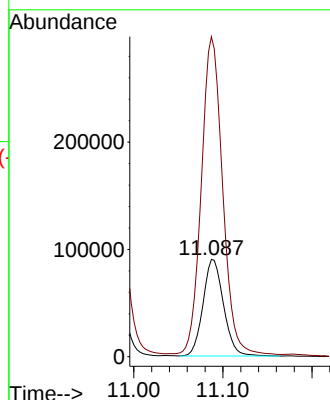
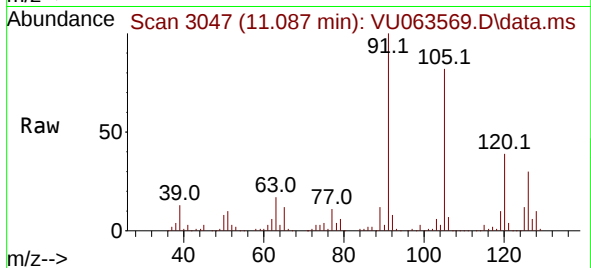




#76
4-Chlorotoluene
Concen: 11.963 ug/l
RT: 11.087 min Scan# 3048
Delta R.T. -0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

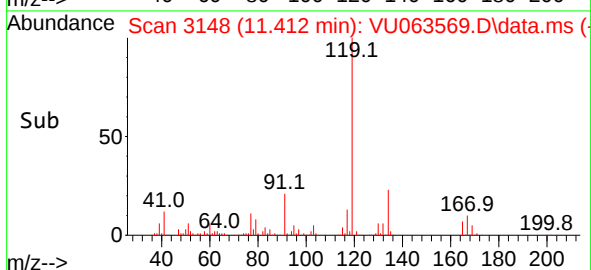
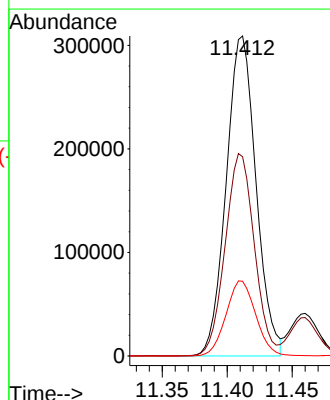
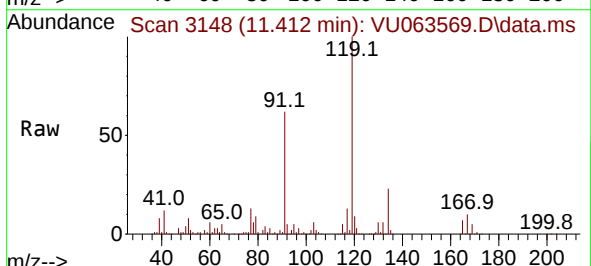
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

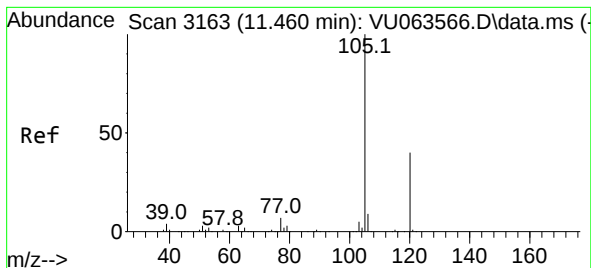
Tgt Ion:126 Resp: 144036
Ion Ratio Lower Upper
126 100
91 341.6 0.0 679.4



#77
tert-Butylbenzene
Concen: 12.432 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion:119 Resp: 494384
Ion Ratio Lower Upper
119 100
91 61.6 31.0 93.0
134 23.4 19.0 28.6





#78

1,2,4-Trimethylbenzene

Concen: 12.917 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

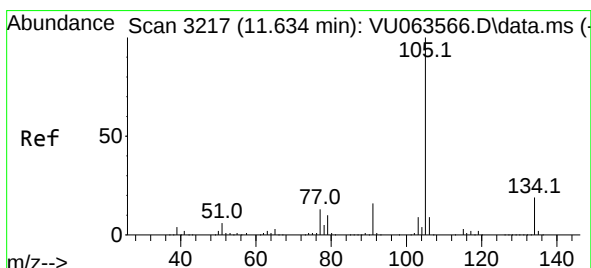
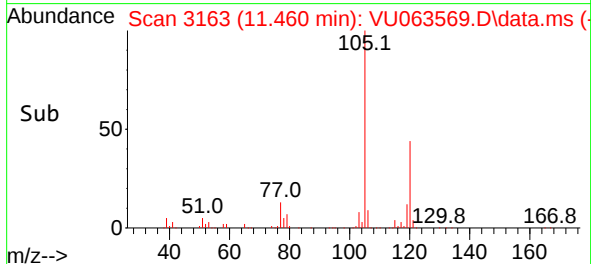
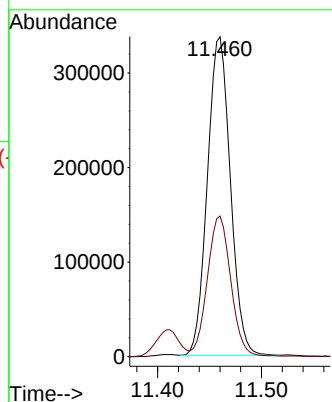
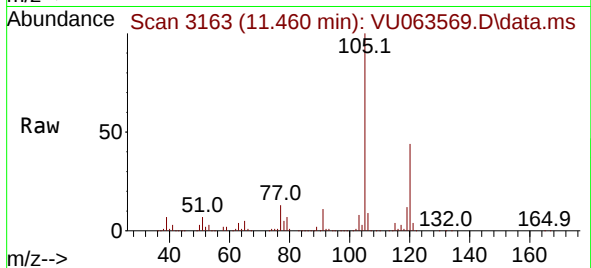
ICVVU091225

Tgt Ion:105 Resp: 517136

Ion Ratio Lower Upper

105 100

120 45.1 22.4 67.3



#79

sec-Butylbenzene

Concen: 12.554 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU063569.D

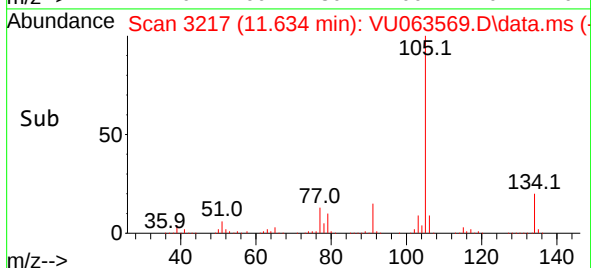
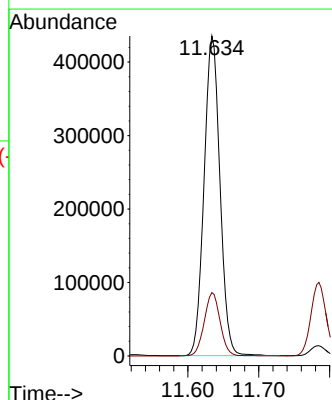
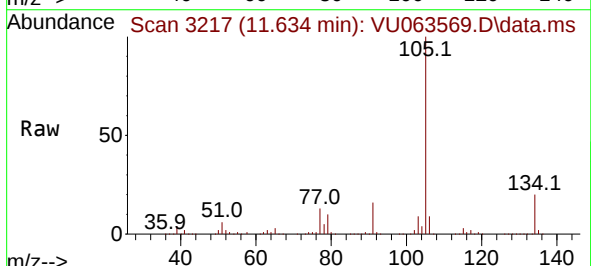
Acq: 12 Sep 2025 14:16

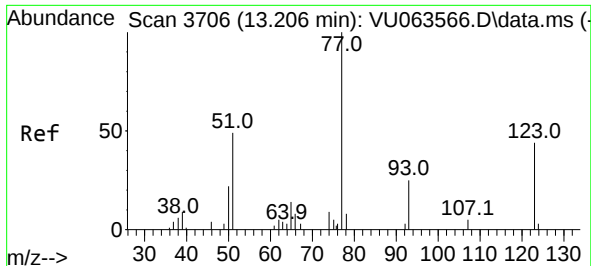
Tgt Ion:105 Resp: 676378

Ion Ratio Lower Upper

105 100

134 19.8 15.6 23.4

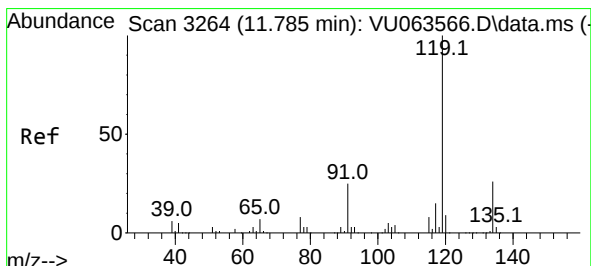
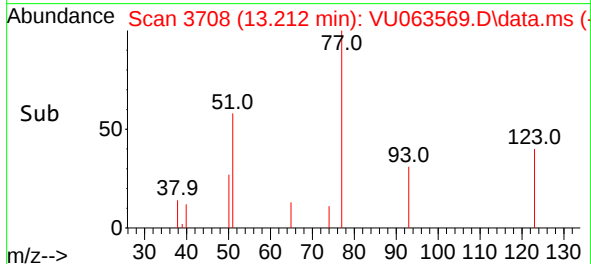
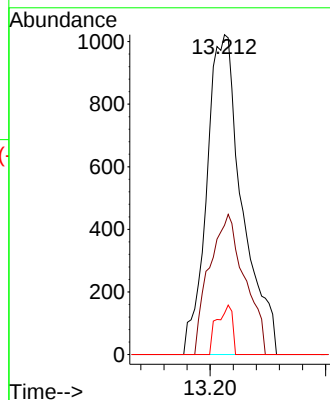
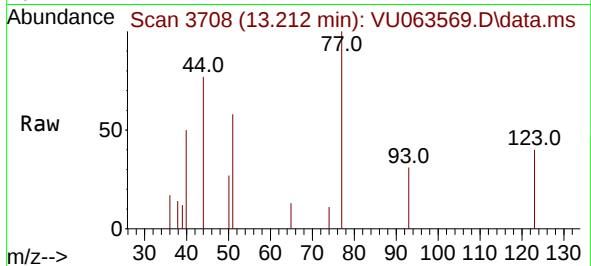




#80
Nitrobenzene
Concen: 13.936 ug/l
RT: 13.212 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

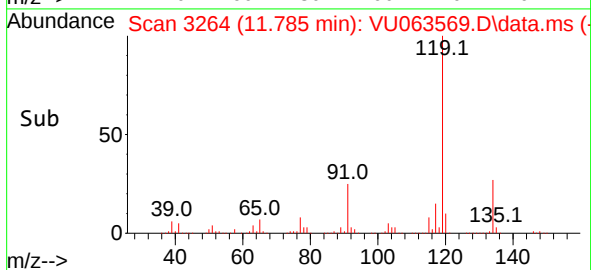
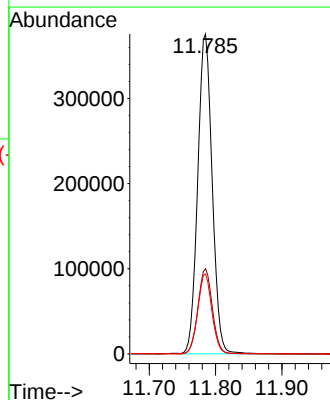
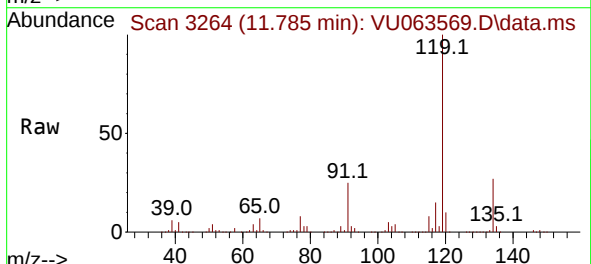
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

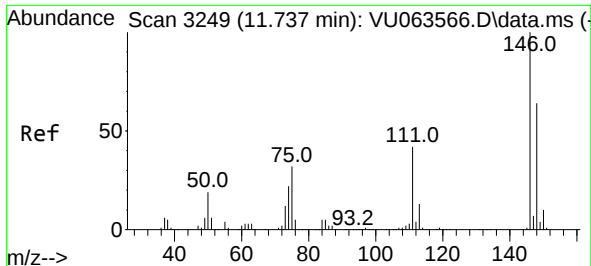
Tgt Ion: 77 Resp: 2182
Ion Ratio Lower Upper
77 100
123 43.5 18.0 63.6
65 0.0 12.8 16.4#



#81
p-Isopropyltoluene
Concen: 13.106 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 119 Resp: 568143
Ion Ratio Lower Upper
119 100
134 26.4 20.6 30.8
91 24.4 19.8 29.6

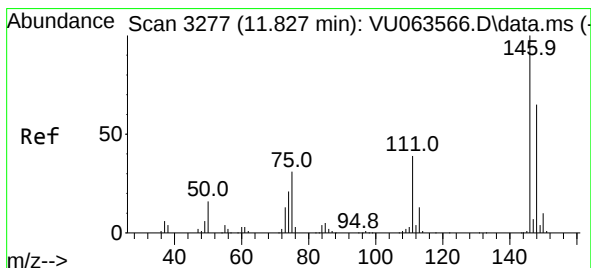
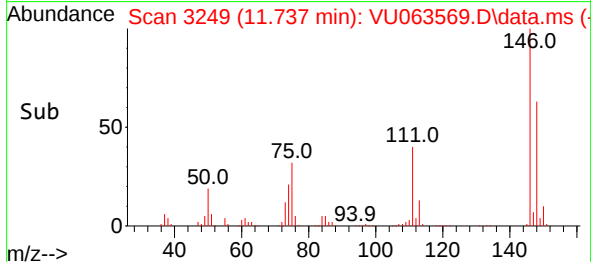
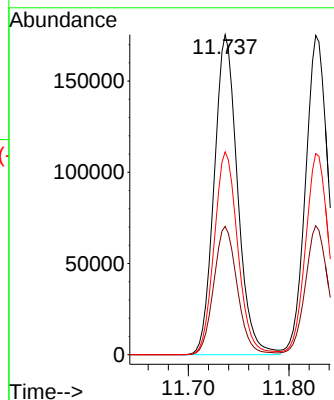
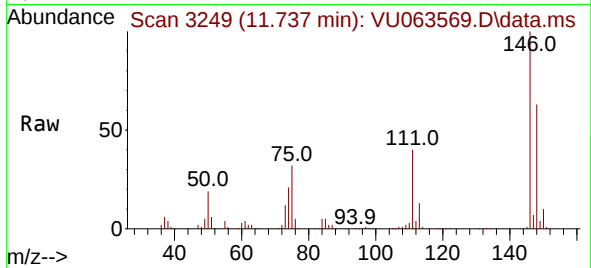




#82
1,3-Dichlorobenzene
Concen: 12.373 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

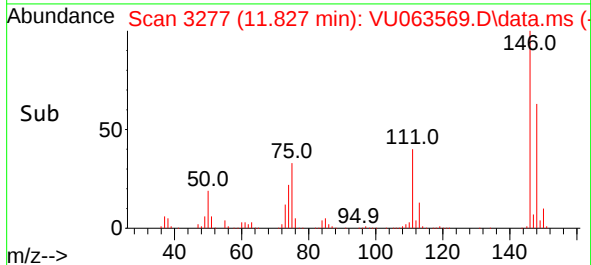
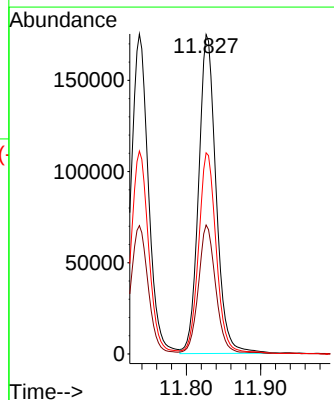
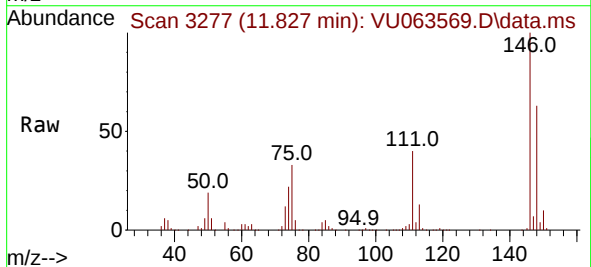
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

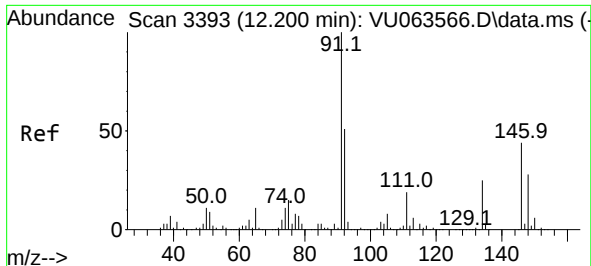
Tgt Ion:146 Resp: 284108
Ion Ratio Lower Upper
146 100
111 40.3 32.7 49.1
148 64.2 50.4 75.6



#83
1,4-Dichlorobenzene
Concen: 12.142 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion:146 Resp: 286392
Ion Ratio Lower Upper
146 100
111 40.0 31.6 47.4
148 63.7 51.8 77.8

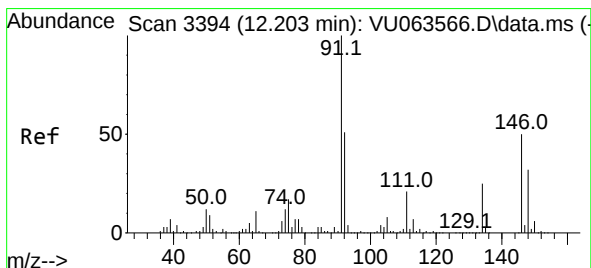
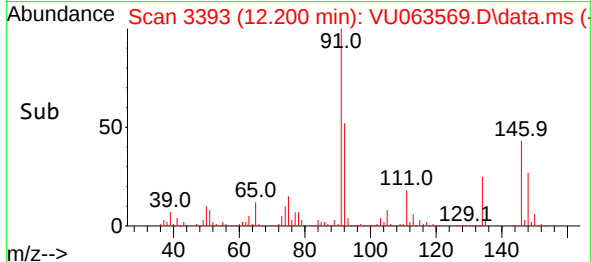
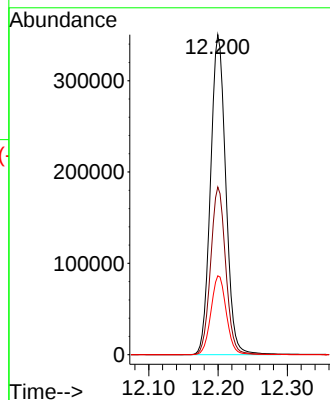
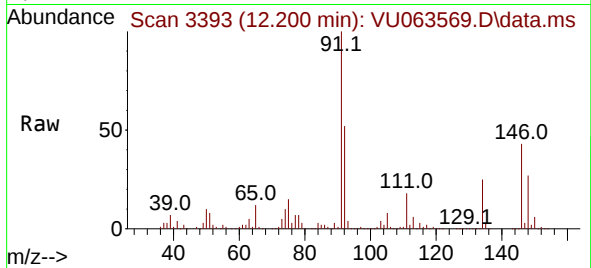




#84
n-Butylbenzene
Concen: 13.173 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

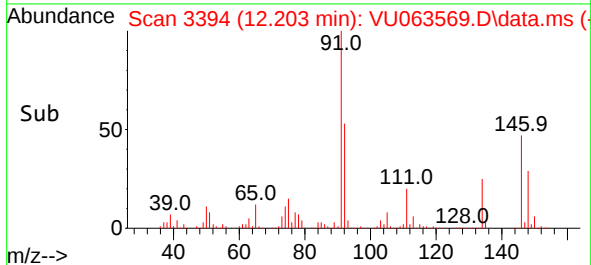
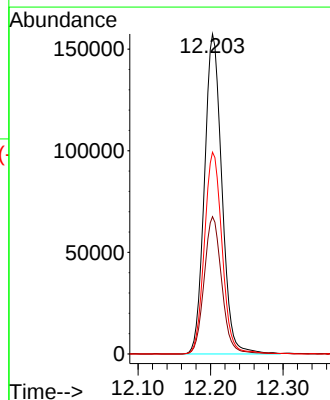
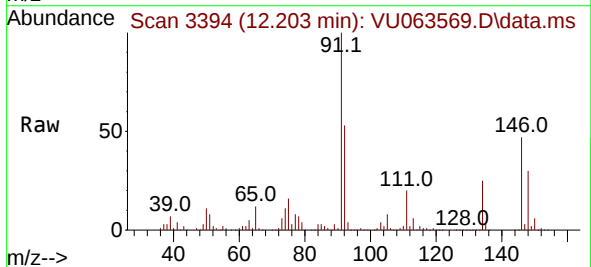
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

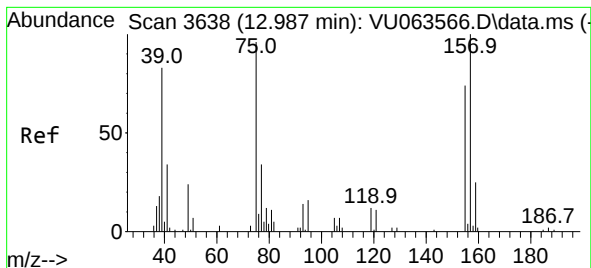
Tgt Ion: 91 Resp: 535232
Ion Ratio Lower Upper
91 100
92 51.8 41.3 61.9
134 24.8 19.9 29.9



#85
1,2-Dichlorobenzene
Concen: 11.863 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion: 146 Resp: 262752
Ion Ratio Lower Upper
146 100
111 43.3 21.0 63.0
148 64.1 31.8 95.3

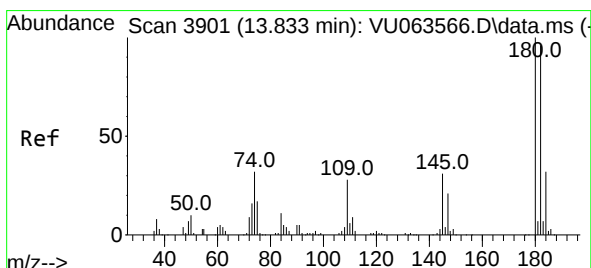
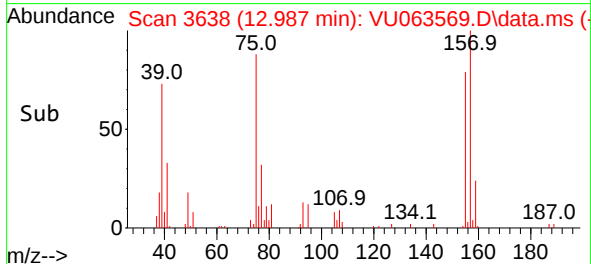
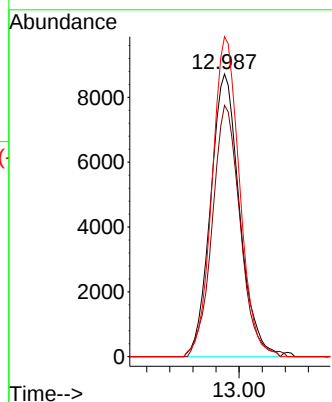
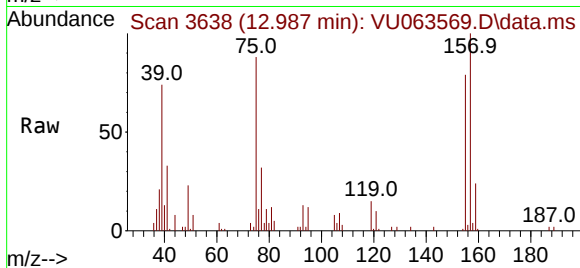




#86
1,2-Dibromo-3-Chloropropane
Concen: 11.673 ug/l
RT: 12.987 min Scan# 30
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

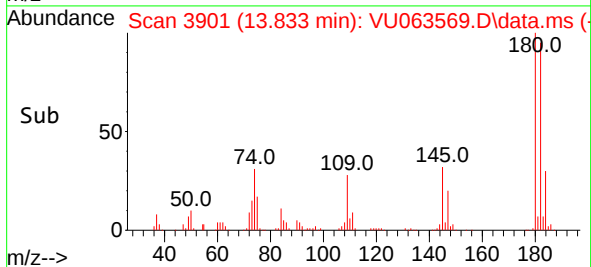
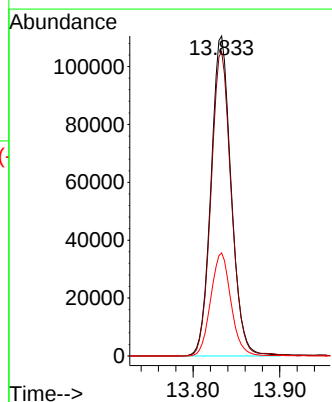
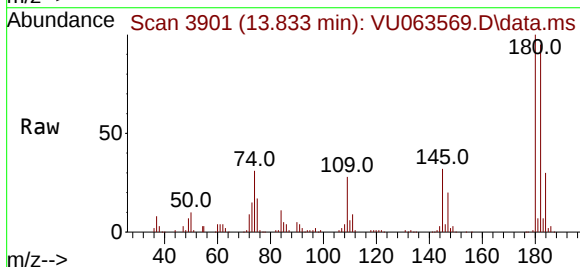
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

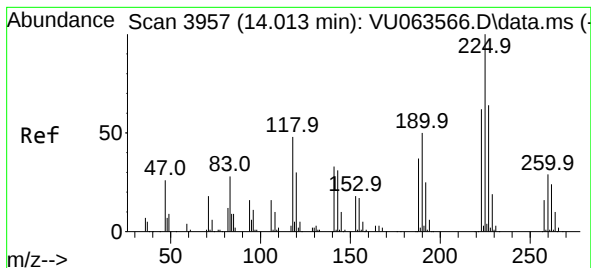
Tgt Ion: 75 Resp: 15195
Ion Ratio Lower Upper
75 100
155 85.7 64.1 96.1
157 107.3 84.2 126.4



#87
1,2,4-Trichlorobenzene
Concen: 13.354 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 14:16

Tgt Ion:180 Resp: 179091
Ion Ratio Lower Upper
180 100
182 95.8 77.1 115.7
145 32.4 25.0 37.4





#88

Hexachlorobutadiene

Concen: 11.749 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

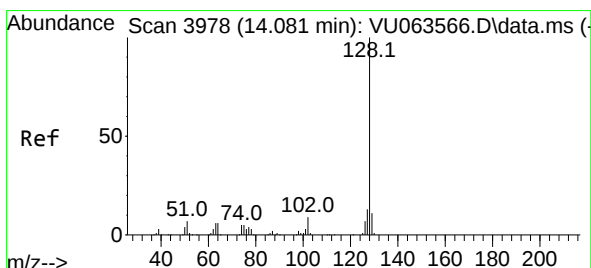
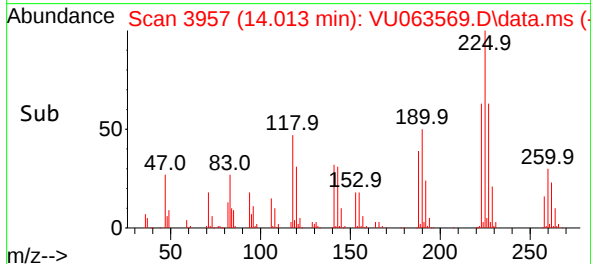
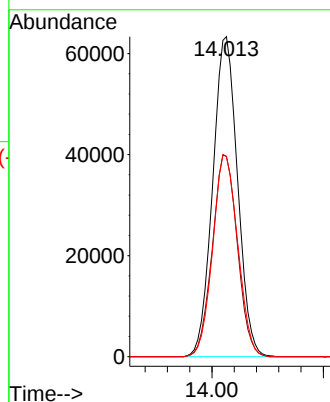
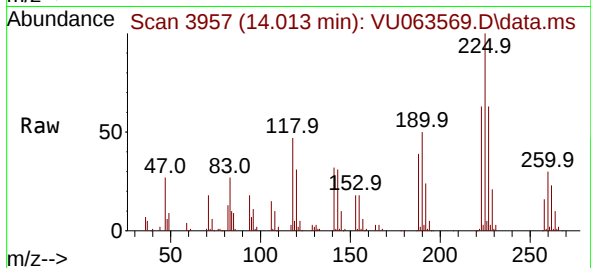
Tgt Ion:225 Resp: 98051

Ion Ratio Lower Upper

225 100

223 63.4 50.2 75.2

227 63.6 51.6 77.4



#89

Naphthalene

Concen: 13.112 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. -0.003 min

Lab File: VU063569.D

Acq: 12 Sep 2025 14:16

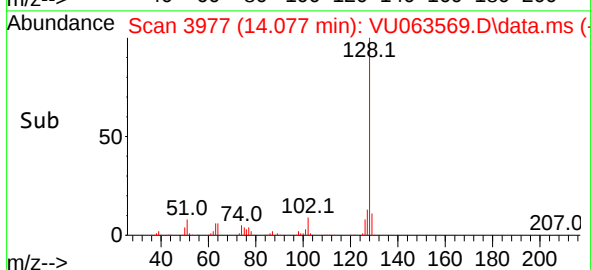
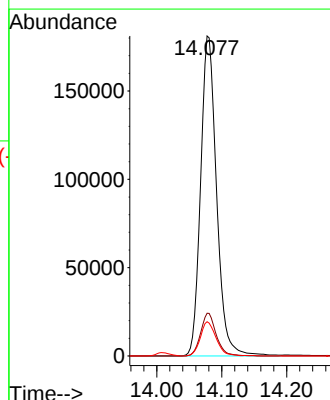
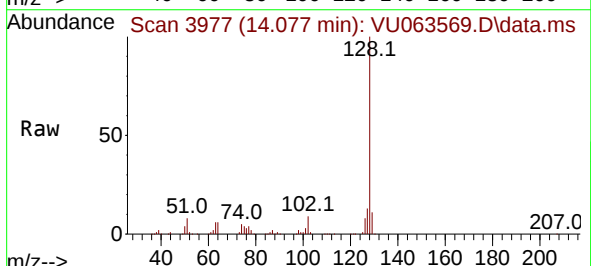
Tgt Ion:128 Resp: 310886

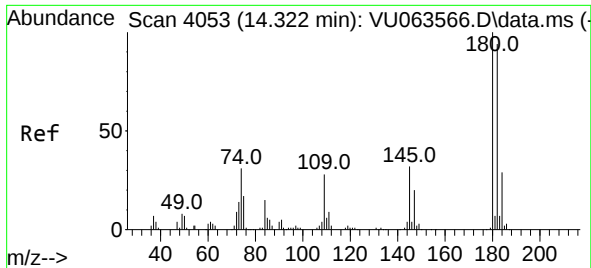
Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

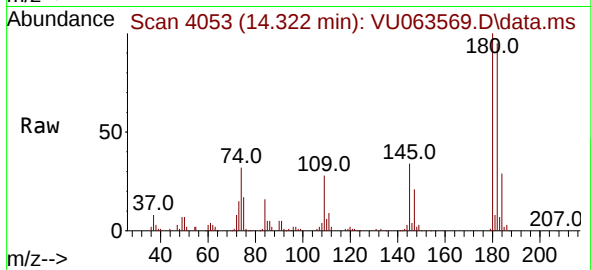
129 10.5 8.6 13.0





#90
 1,2,3-Trichlorobenzene
 Concen: 12.316 ug/l
 RT: 14.322 min Scan# 4053
 Delta R.T. -0.000 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 14:16

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091225



Tgt Ion:	180	Resp:	156756
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.8	115.2
145	34.1	26.6	40.0

