

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062325\
 Data File : VU063424.D
 Acq On : 23 Jun 2025 12:12
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Jun 24 04:42:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 03:53:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.101	96	52254	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.628	95	22090	1.151	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	20788	1.079	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	204212	10.175	ug/l	100
3) Chloromethane	1.519	50	254620	9.630	ug/l	100
4) Vinyl Chloride	1.599	62	231864	10.241	ug/l	100
5) Bromomethane	1.843	94	104412	9.626	ug/l	100
6) Chloroethane	1.924	64	136372	10.170	ug/l	100
7) Trichlorofluoromethane	2.126	101	262350	10.162	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	139575	10.151	ug/l	100
9) 1,1-Dichloroethene	2.567	96	140464	10.237	ug/l	100
10) Iodomethane	2.708	142	129021	11.650	ug/l	100
11) Allyl Chloride	2.908	41	250668	10.256	ug/l	100
12) Acrylonitrile	3.303	53	86011	21.695	ug/l	100
13) Acetone	2.618	43	185330	46.775	ug/l	100
14) Carbon Disulfide	2.776	76	484188	10.120	ug/l	100
15) Methylene Chloride	3.030	84	170715	9.816	ug/l	100
16) trans-1,2-Dichloroethene	3.332	96	156000	10.105	ug/l	100
17) 1,1-Dichloroethane	3.850	63	329486	10.164	ug/l	100
18) 2-Butanone	4.712	43	278217	50.289	ug/l	100
19) Cyclohexane	5.361	56	253472	10.336	ug/l	100
20) Methylcyclohexane	6.747	83	255277	11.265	ug/l	100
21) 2,2-Dichloropropane	4.644	77	231170	10.034	ug/l	100
22) cis-1,2-Dichloroethene	4.647	96	167393	9.934	ug/l	100
23) Diethyl Ether	2.368	59	127560	10.304	ug/l	100
24) tert-Butyl Alcohol	3.191	59	138068	105.867	ug/l	100
25) Methyl tert-Butyl Ether	3.358	73	386323	10.353	ug/l	100
26) Bromochloromethane	4.956	128	66812	10.187	ug/l	100
27) Chloroform	5.068	83	304641	10.025	ug/l	100
28) 1,1,1-Trichloroethane	5.294	97	258747	10.501	ug/l	100
29) 1,1-Dichloropropene	5.506	75	236126	10.490	ug/l	100
30) Carbon Tetrachloride	5.503	117	210006	10.671	ug/l	100
31) Isopropyl Ether	3.991	45	524974	10.306	ug/l	100
32) Ethyl-t-butyl ether	4.503	59	433645	10.108	ug/l	100
33) Tert-Amyl methyl ether	5.943	73	335678	10.945	ug/l	100
34) Propionitrile	4.773	54	76327	47.695	ug/l	100
35) Benzene	5.757	78	719782	10.571	ug/l	100
36) 1,2-Dichloroethane	5.782	62	207416	10.420	ug/l	100
37) Trichloroethene	6.528	130	167938	10.437	ug/l	100
38) 1,2-Dichloropropane	6.782	63	201915	10.737	ug/l	100
39) Methacrylonitrile	4.969	41	65314	9.809	ug/l	100
40) Methyl acrylate	4.847	55	98181	10.481	ug/l	100
41) Tetrahydrofuran	5.059	42	68718	19.185	ug/l	100
42) 1-Chlorobutane	5.438	56	324520	10.163	ug/l	100
43) Dibromomethane	6.908	93	91293	10.392	ug/l	100
44) Bromodichloromethane	7.097	83	220943	10.325	ug/l	100

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 ALS Vial : 6 Sample Multiplier: 1

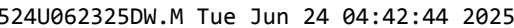
Instrument :
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 ClientSampleId :
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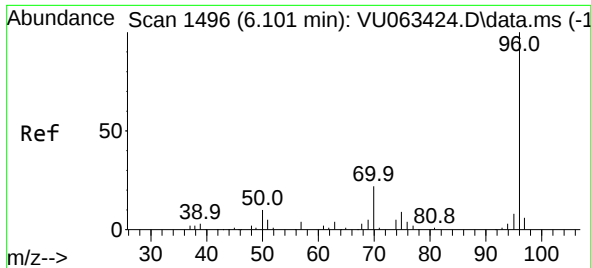
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	537078	56.952	ug/l	100
46) t-1,4-Dichloro-2-butene	10.814	75	173574	57.662	ug/l #	44
47) Methyl methacrylate	6.962	69	166457	19.900	ug/l	100
48) Ethyl methacrylate	8.332	69	149278	10.032	ug/l	100
49) Toluene	7.959	92	428644	11.466	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	178770	11.584	ug/l	100
51) cis-1,3-Dichloropropene	7.599	75	235814	11.377	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	133693	10.410	ug/l	100
53) 1,3-Dichloropropane	8.567	76	235694	10.667	ug/l	100
54) 2-Hexanone	8.682	43	365372	49.608	ug/l	100
55) Dibromochloromethane	8.801	129	142275	10.738	ug/l	100
56) 1,2-Dibromoethane	8.917	107	106958	10.274	ug/l	100
58) Tetrachloroethene	8.544	164	168950	10.703	ug/l	100
59) Chlorobenzene	9.438	112	438712	10.962	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.525	131	150859	10.472	ug/l	100
61) Pentachloroethane	11.419	117	118366	10.085	ug/l	100
62) Hexachloroethane	12.464	117	111035	10.520	ug/l	100
63) Ethyl Benzene	9.560	91	761340	11.866	ug/l	100
64) m/p-Xylenes	9.686	106	610897	20.136	ug/l	100
65) o-Xylene	10.091	106	285691	11.721	ug/l	100
66) Styrene	10.107	104	490962	10.073	ug/l	100
67) Bromoform	10.280	173	77677	10.729	ug/l	100
69) Isopropylbenzene	10.477	105	669313	11.853	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	168805	10.276	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	173574	12.698	ug/l #	88
72) Bromobenzene	10.772	156	175355	11.063	ug/l	100
73) n-propylbenzene	10.898	120	204608	9.993	ug/l	100
74) 2-Chlorotoluene	10.978	126	181480	11.583	ug/l	100
75) 1,3,5-Trimethylbenzene	11.078	105	682011	10.140	ug/l	100
76) 4-Chlorotoluene	11.088	126	186781	11.380	ug/l	100
77) tert-Butylbenzene	11.412	119	606159	11.683	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	683754	10.009	ug/l	100
79) sec-Butylbenzene	11.634	105	866539	11.792	ug/l	100
80) Nitrobenzene	13.203	77	36467	47.362	ug/l	100
81) p-Isopropyltoluene	11.785	119	711414	10.066	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	355315	10.821	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	367605	10.798	ug/l	100
84) n-Butylbenzene	12.200	91	711858	11.834	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	343052	10.917	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.988	75	25123	11.125	ug/l	100
87) 1,2,4-Trichlorobenzene	13.833	180	195352	11.150	ug/l	100
88) Hexachlorobutadiene	14.010	225	132052	10.630	ug/l	100
89) Naphthalene	14.081	128	350002	9.670	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	196276	11.266	ug/l	100

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

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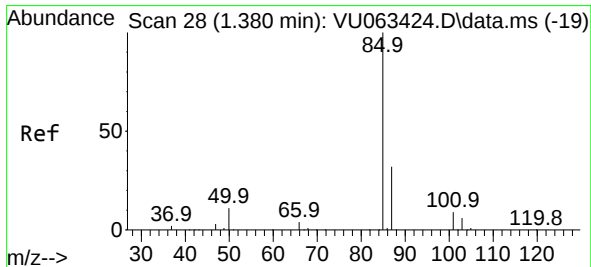
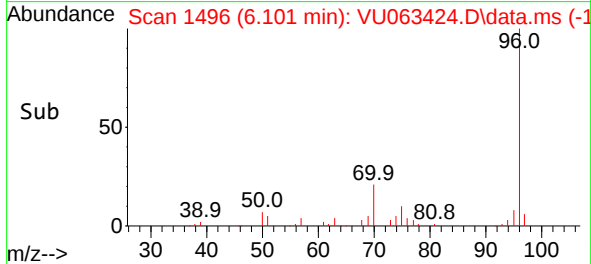
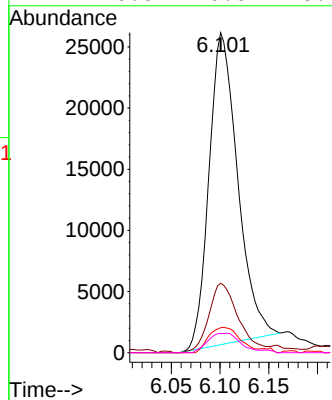
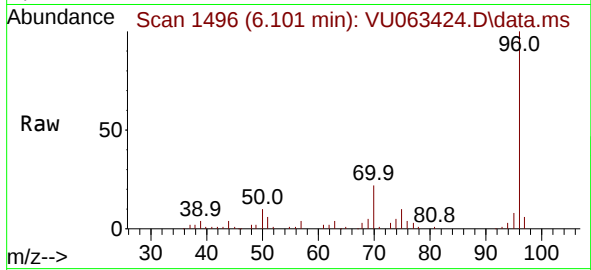




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.101 min Scan# 1496
Delta R.T. -0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

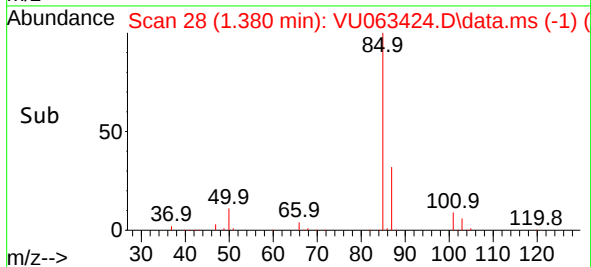
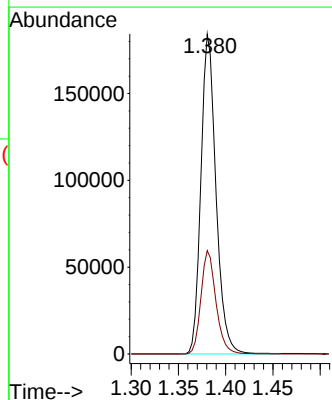
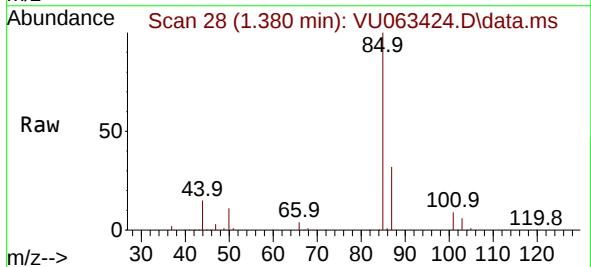
Instrument :
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VSTDICCC010

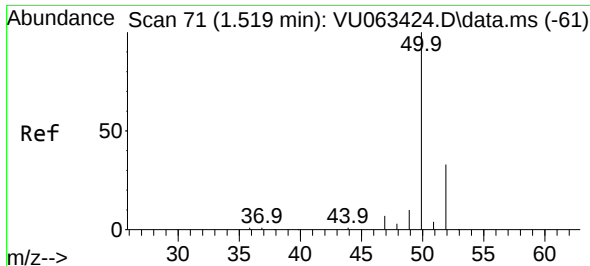
Tgt Ion: 96	Resp: 52254
Ion Ratio	Lower Upper
96 100	
70 20.5	16.4 24.6
95 7.7	6.2 9.2
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 10.175 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 85	Resp: 204212
Ion Ratio	Lower Upper
85 100	
87 32.3	16.2 48.5

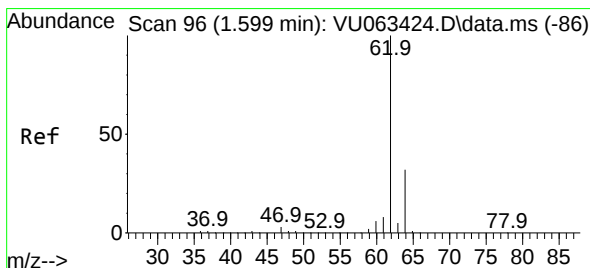
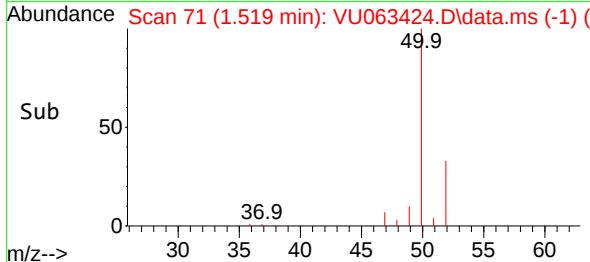
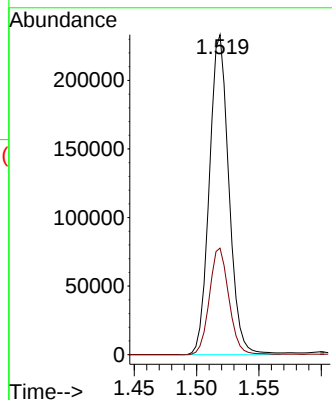
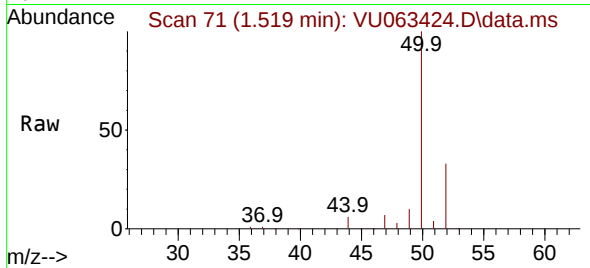




#3
Chloromethane
Concen: 9.630 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

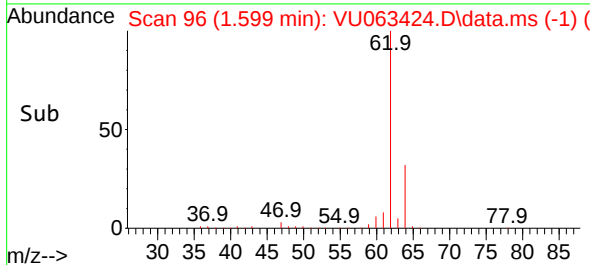
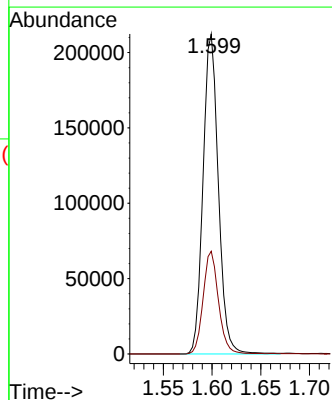
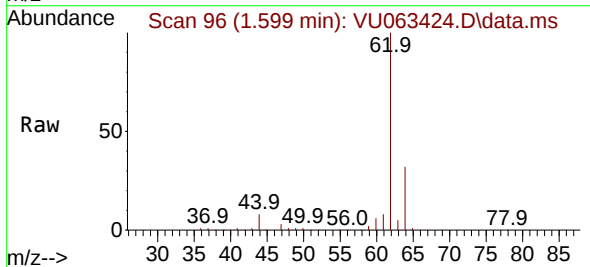
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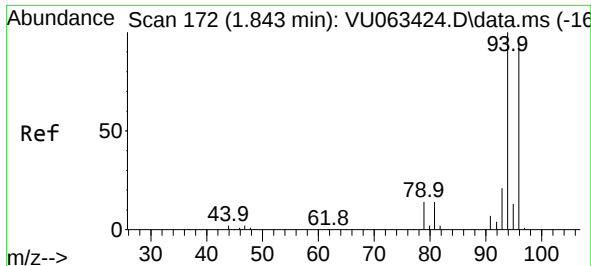
Tgt Ion: 50 Resp: 254620
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 10.241 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 62 Resp: 231864
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5

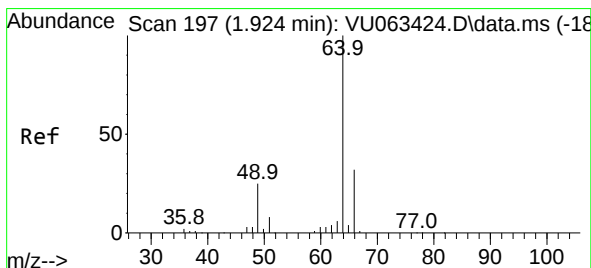
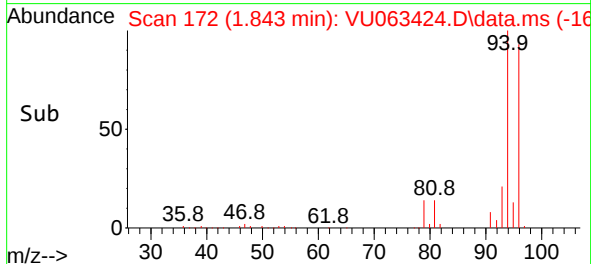
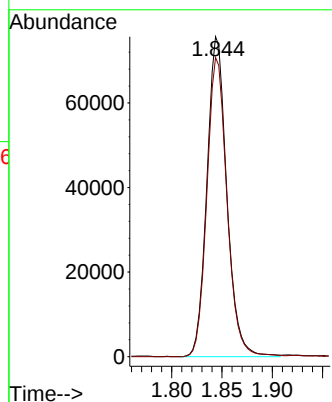
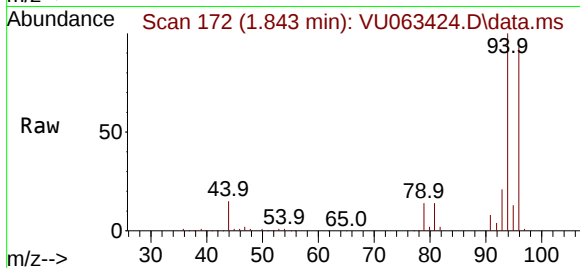




#5
Bromomethane
Concen: 9.626 ug/l
RT: 1.843 min Scan# 172
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

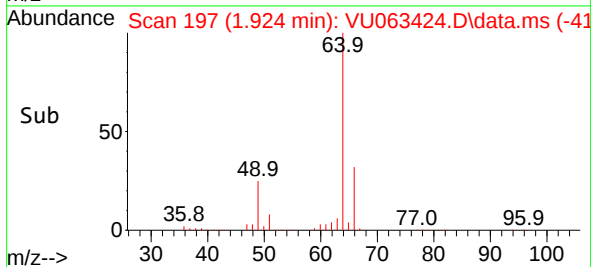
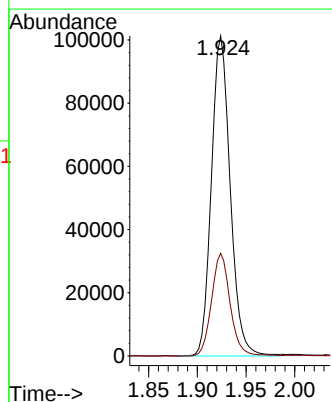
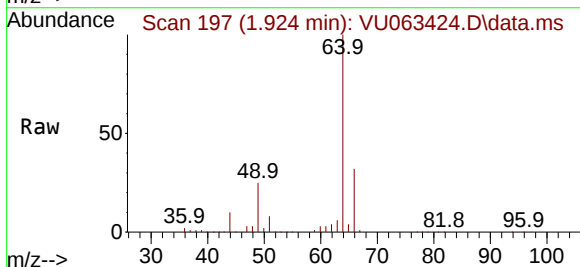
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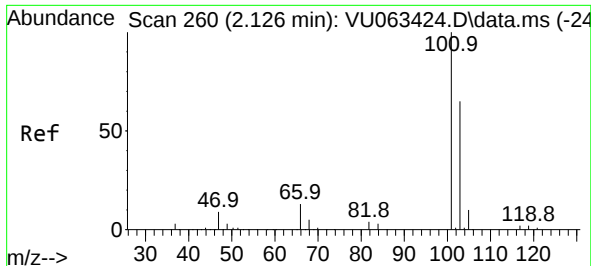
Tgt Ion: 94 Resp: 104412
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2



#6
Chloroethane
Concen: 10.170 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 64 Resp: 136372
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

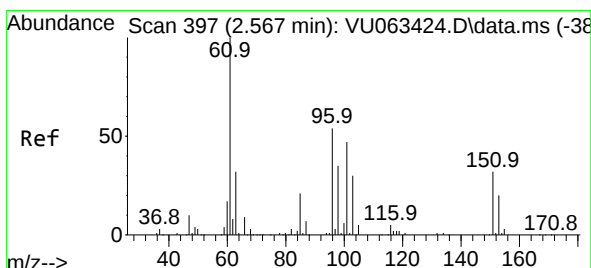
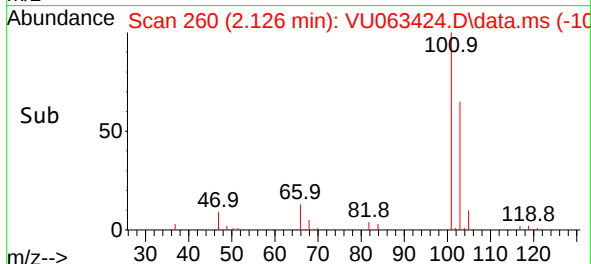
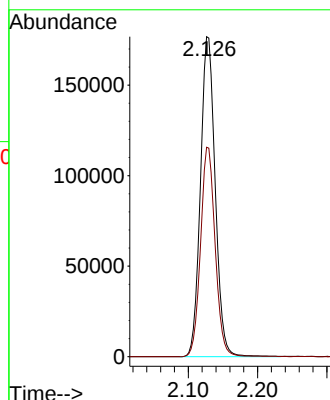
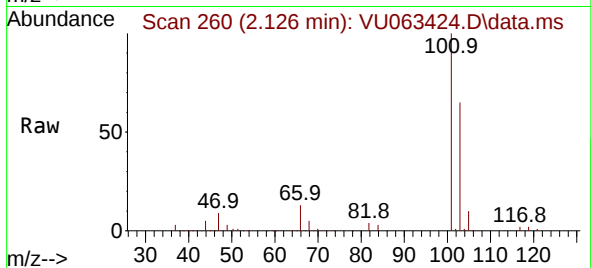




#7
 Trichlorofluoromethane
 Concen: 10.162 ug/l
 RT: 2.126 min Scan# 260
 Delta R.T. 0.000 min
 Lab File: VU063424.D
 Acq: 23 Jun 2025 12:12

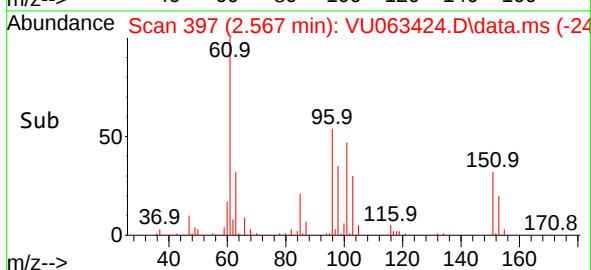
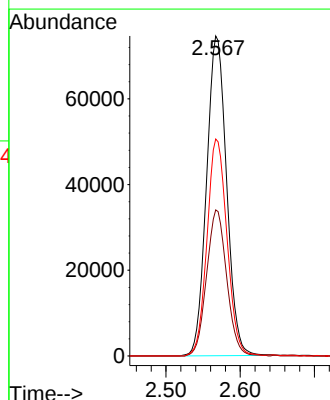
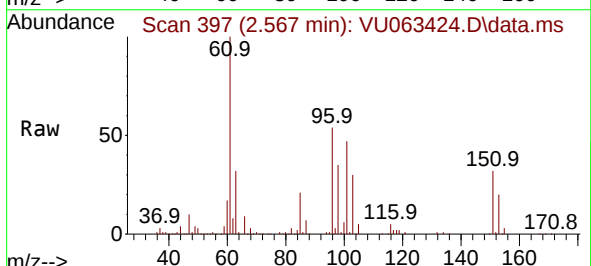
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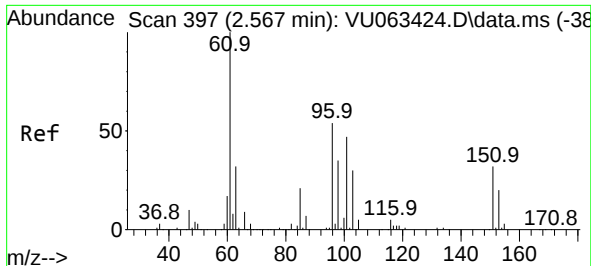
Tgt Ion:101 Resp: 262350
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.151 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063424.D
 Acq: 23 Jun 2025 12:12

Tgt Ion:101 Resp: 139575
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.7 55.1
 151 67.4 53.9 80.9

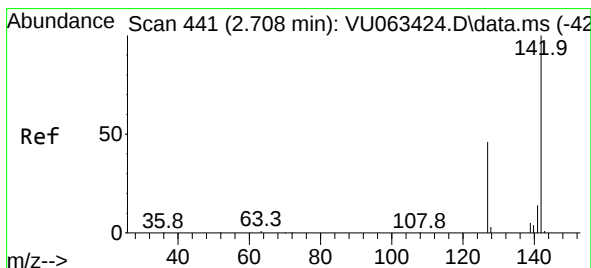
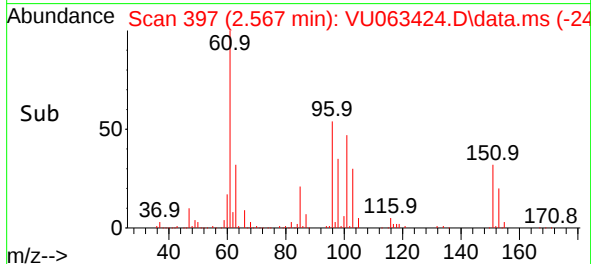
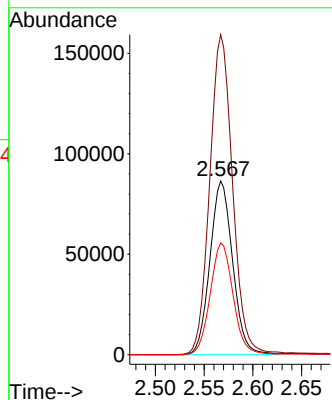
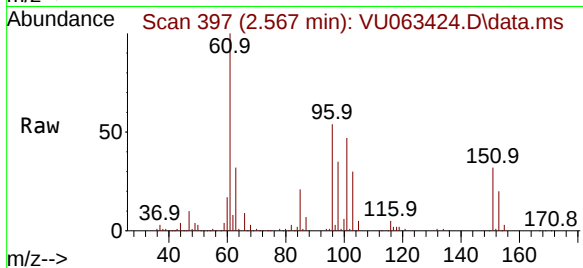




#9
1,1-Dichloroethene
Concen: 10.237 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

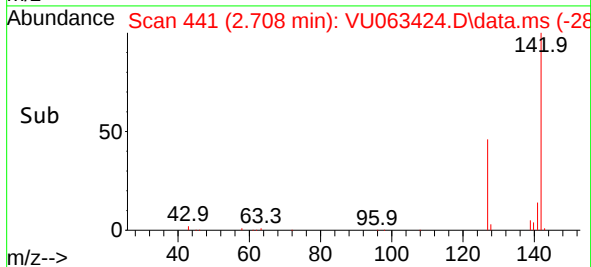
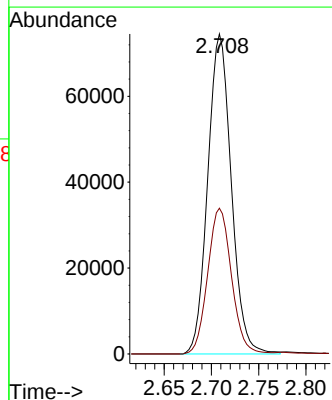
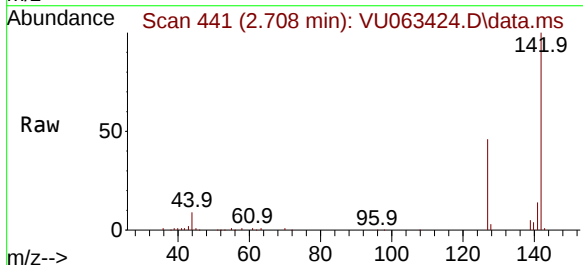
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ClientSampleId :
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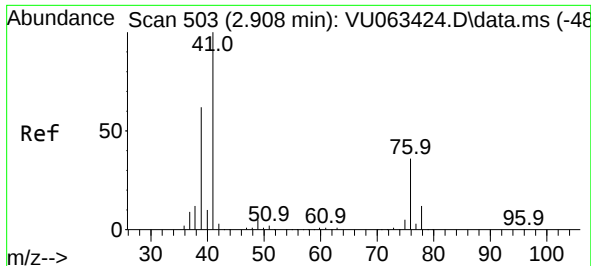
Tgt Ion: 96 Resp: 140464
Ion Ratio Lower Upper
96 100
61 184.0 0.0 552.0
98 64.2 0.0 128.4



#10
Iodomethane
Concen: 11.650 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 142 Resp: 129021
Ion Ratio Lower Upper
142 100
127 46.1 36.9 55.3





#11

Allyl Chloride

Concen: 10.256 ug/l

RT: 2.908 min Scan# 503

Delta R.T. -0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

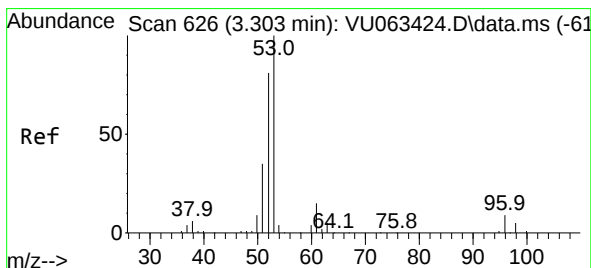
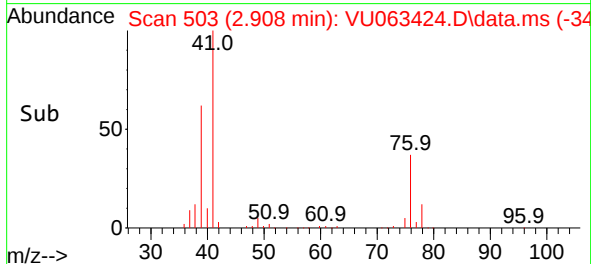
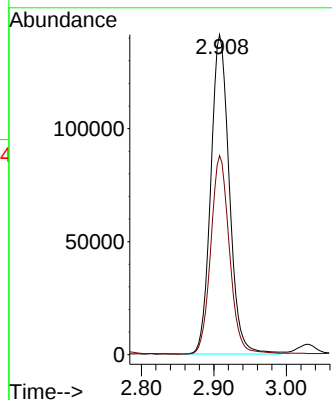
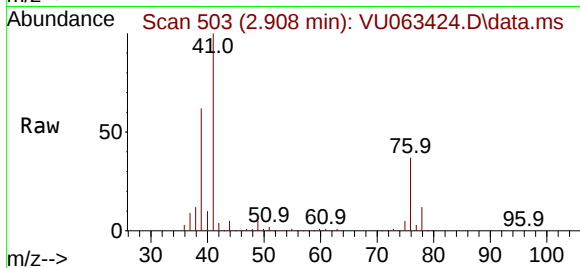
VSTDICCC010

Tgt Ion: 41 Resp: 250668

Ion Ratio Lower Upper

41 100

39 62.9 50.3 75.5



#12

Acrylonitrile

Concen: 21.695 ug/l

RT: 3.303 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

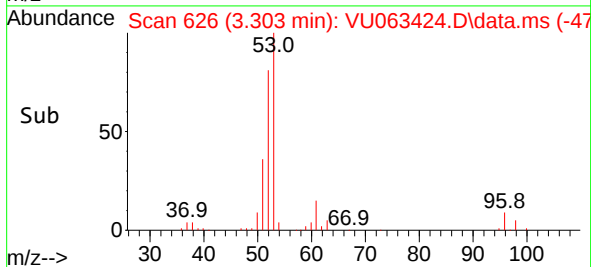
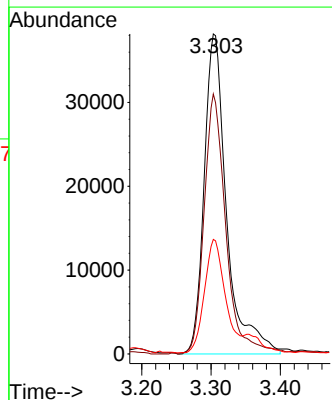
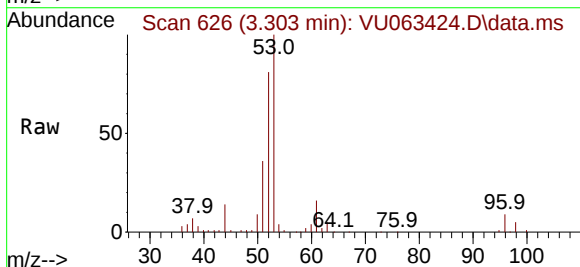
Tgt Ion: 53 Resp: 86011

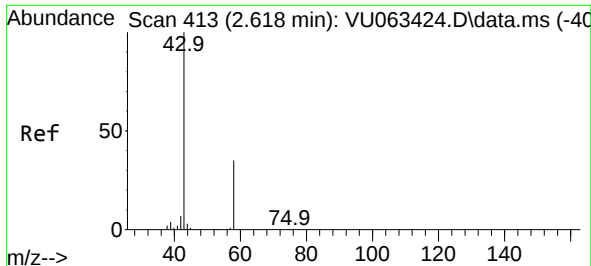
Ion Ratio Lower Upper

53 100

52 78.5 62.8 94.2

51 32.8 26.2 39.4





#13

Acetone

Concen: 46.775 ug/l

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

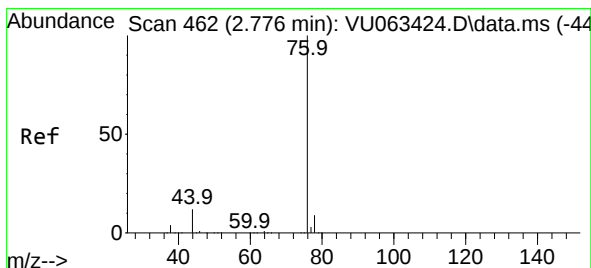
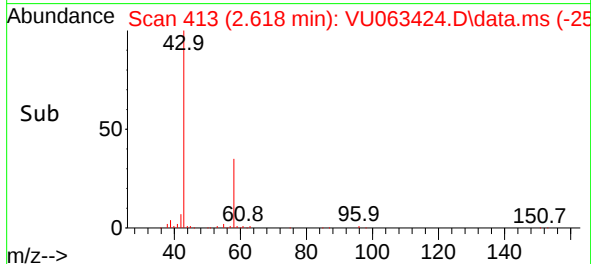
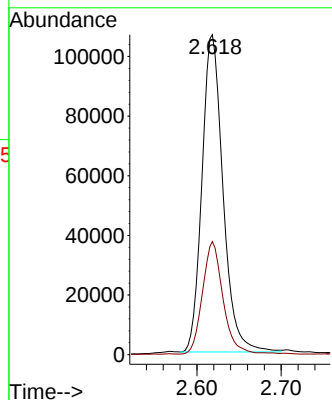
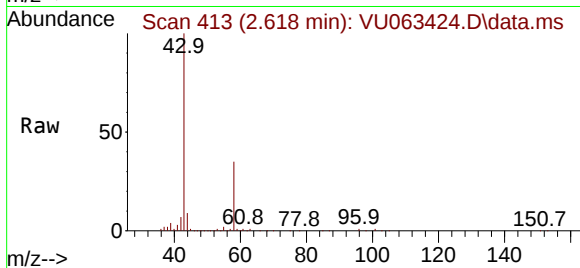
VSTDICCC010

Tgt Ion: 43 Resp: 185330

Ion Ratio Lower Upper

43 100

58 35.4 28.3 42.5



#14

Carbon Disulfide

Concen: 10.120 ug/l

RT: 2.776 min Scan# 462

Delta R.T. 0.000 min

Lab File: VU063424.D

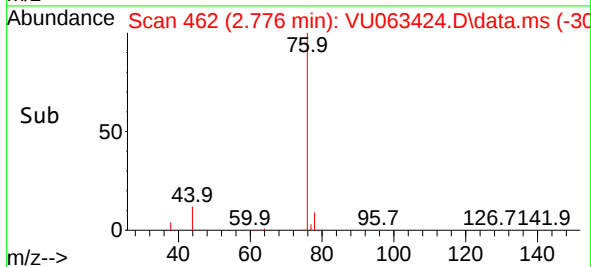
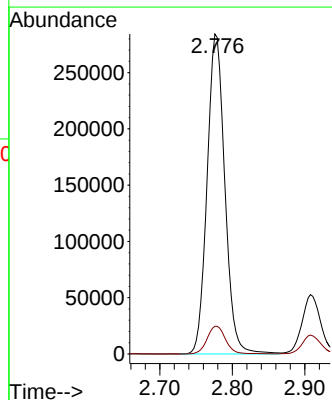
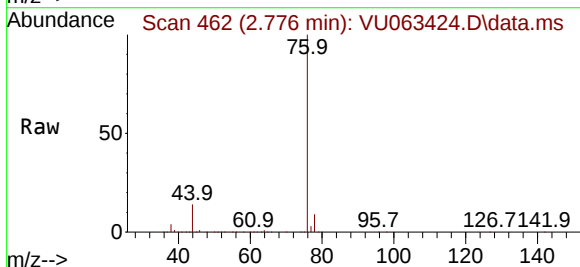
Acq: 23 Jun 2025 12:12

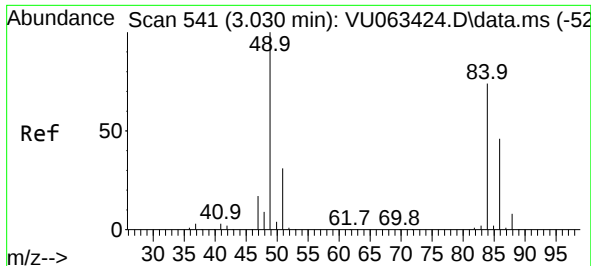
Tgt Ion: 76 Resp: 484188

Ion Ratio Lower Upper

76 100

78 8.6 6.9 10.3



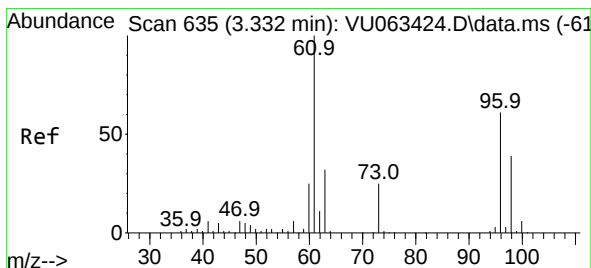
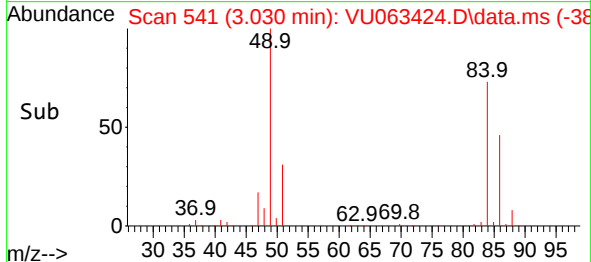
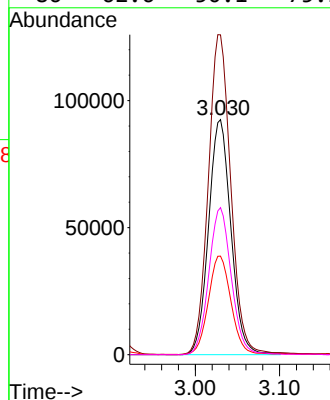
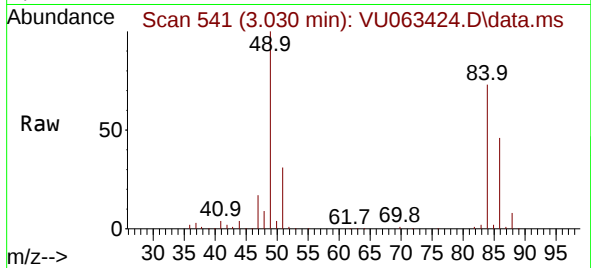


#15
Methylene Chloride
Concen: 9.816 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 84 Resp: 170715

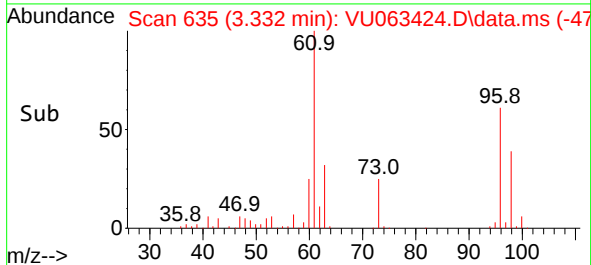
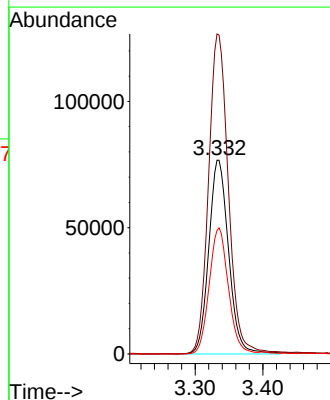
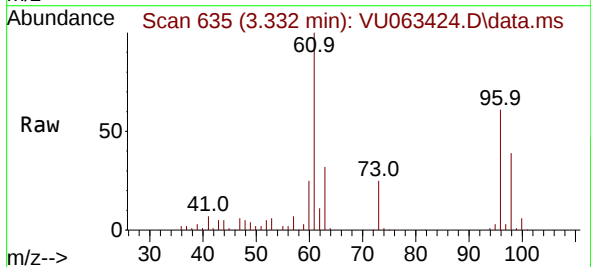
Ion	Ratio	Lower	Upper
84	100		
49	135.9	108.7	163.1
51	41.9	0.0	83.8
86	62.6	50.1	75.1

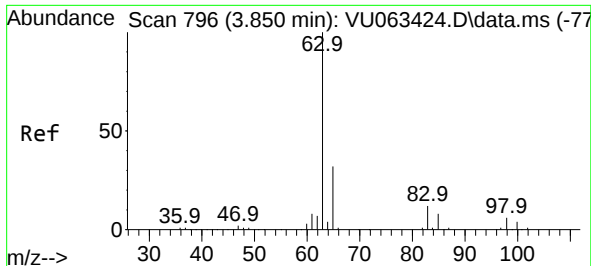


#16
trans-1,2-Dichloroethene
Concen: 10.105 ug/l
RT: 3.332 min Scan# 635
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 96 Resp: 156000

Ion	Ratio	Lower	Upper
96	100		
61	165.1	132.1	198.1
98	63.7	51.0	76.4

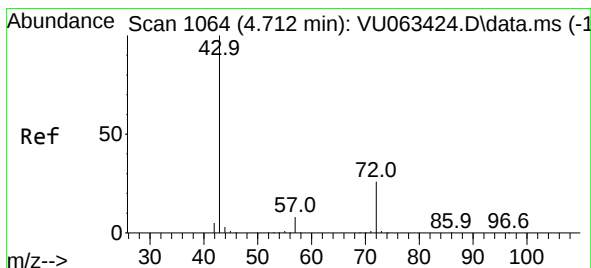
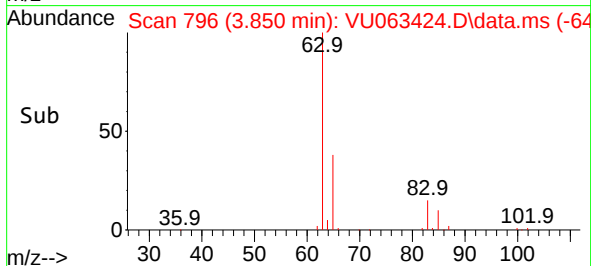
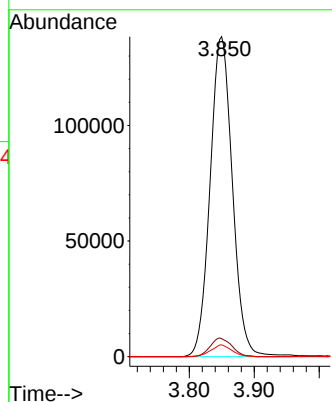
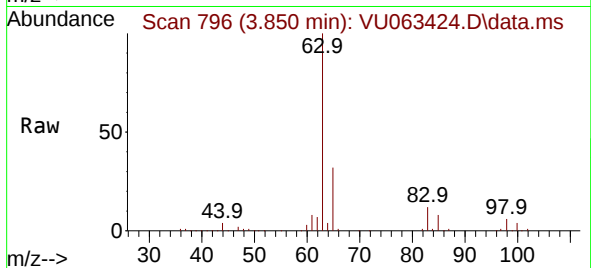




#17
 1,1-Dichloroethane
 Concen: 10.164 ug/l
 RT: 3.850 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VU063424.D
 Acq: 23 Jun 2025 12:12

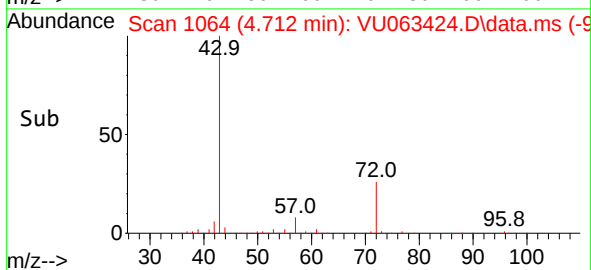
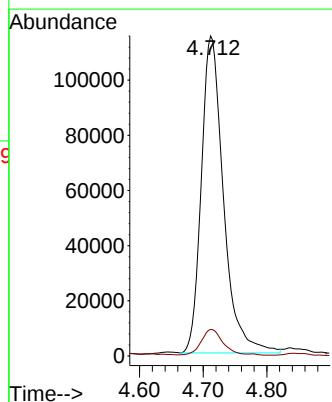
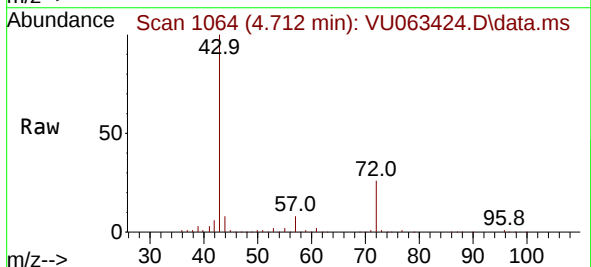
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

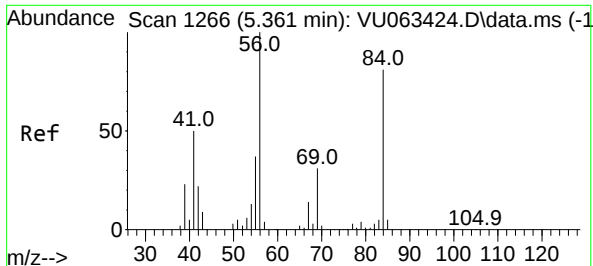
Tgt Ion: 63 Resp: 329486
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.8 8.4
 100 3.8 1.9 5.7



#18
 2-Butanone
 Concen: 50.289 ug/l
 RT: 4.712 min Scan# 1064
 Delta R.T. 0.000 min
 Lab File: VU063424.D
 Acq: 23 Jun 2025 12:12

Tgt Ion: 43 Resp: 278217
 Ion Ratio Lower Upper
 43 100
 57 8.0 0.0 16.0





#19

Cyclohexane

Concen: 10.336 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

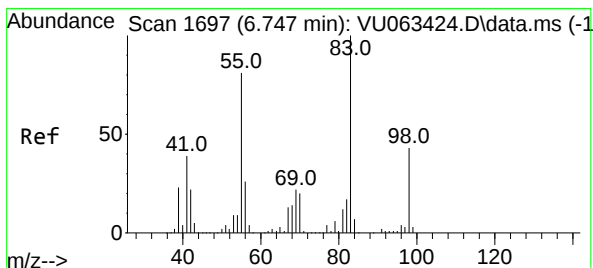
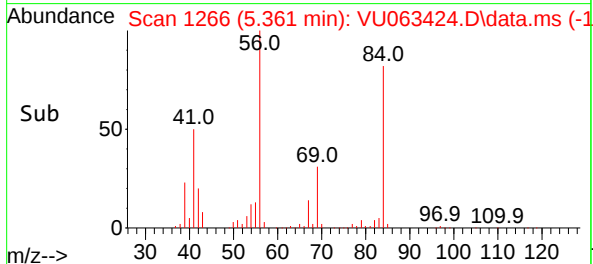
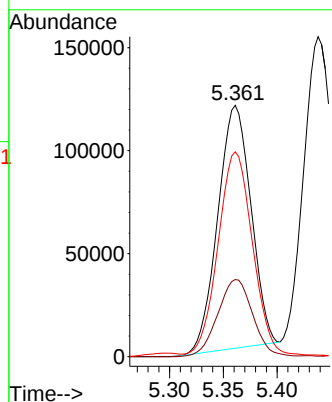
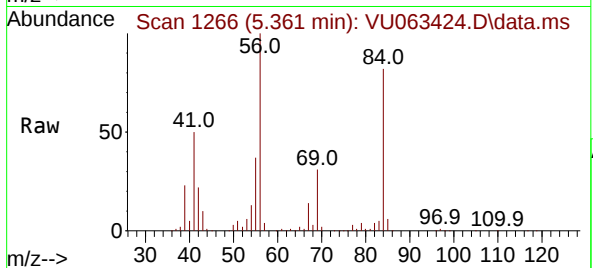
Tgt Ion: 56 Resp: 253472

Ion Ratio Lower Upper

56 100

69 33.0 26.4 39.6

84 85.7 68.6 102.8



#20

Methylcyclohexane

Concen: 11.265 ug/l

RT: 6.747 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

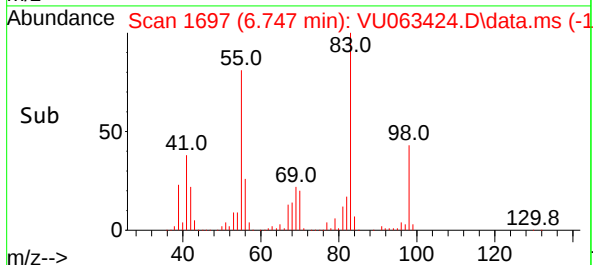
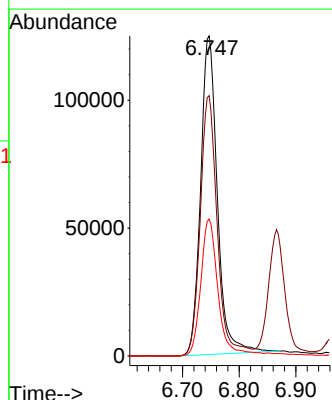
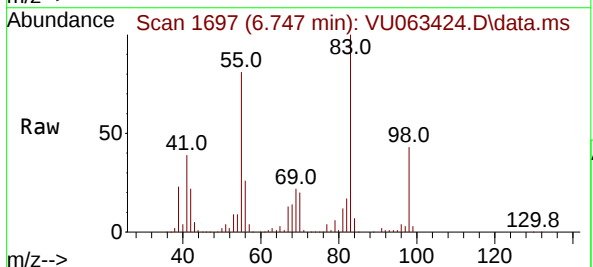
Tgt Ion: 83 Resp: 255277

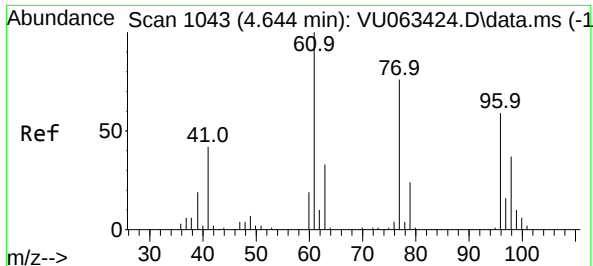
Ion Ratio Lower Upper

83 100

55 79.4 63.5 95.3

98 42.8 34.2 51.4





#21

2,2-Dichloropropane

Concen: 10.034 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

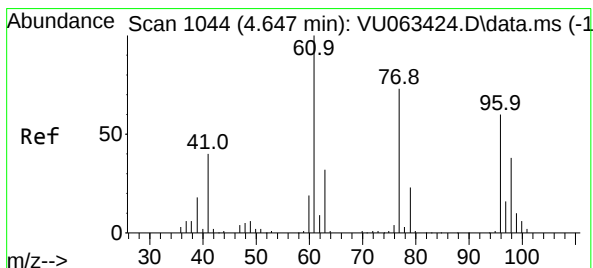
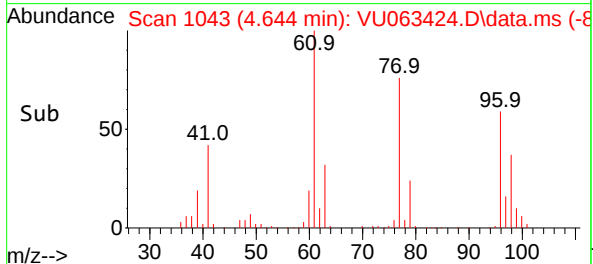
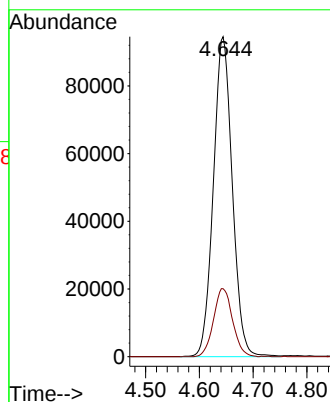
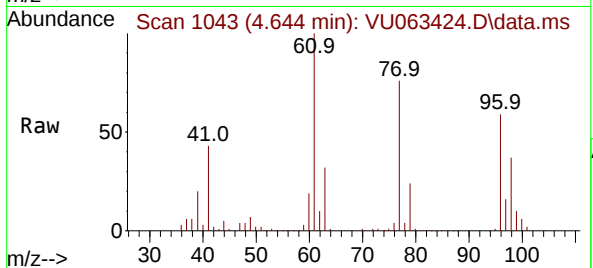
VSTDICCC010

Tgt Ion: 77 Resp: 231170

Ion Ratio Lower Upper

77 100

97 21.5 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 9.934 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

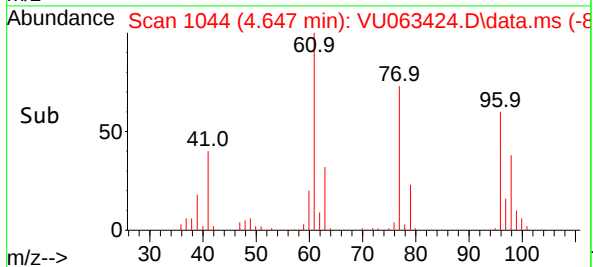
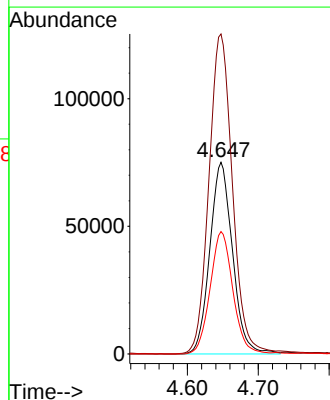
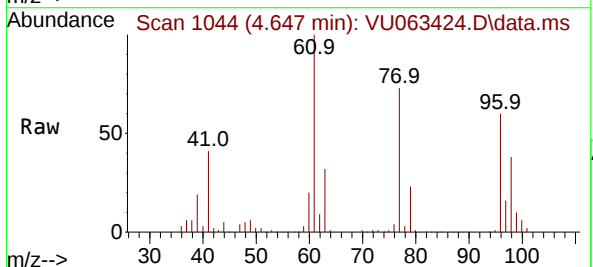
Tgt Ion: 96 Resp: 167393

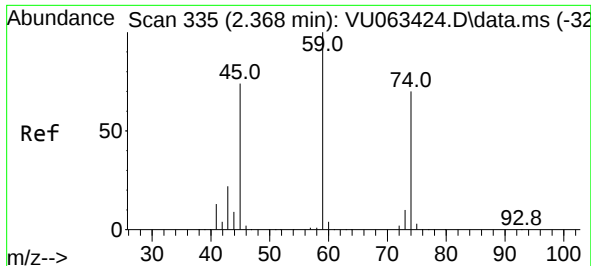
Ion Ratio Lower Upper

96 100

61 173.7 0.0 434.3

98 63.8 31.9 95.7

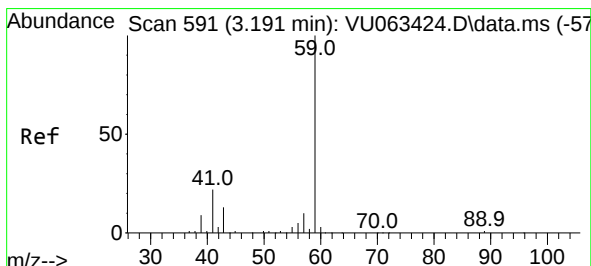
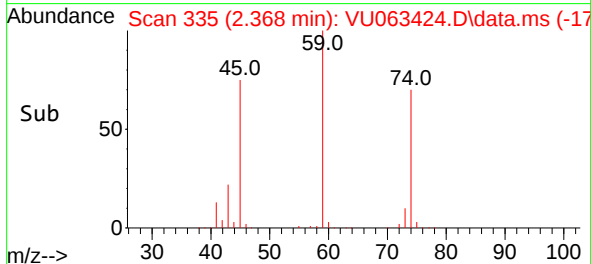
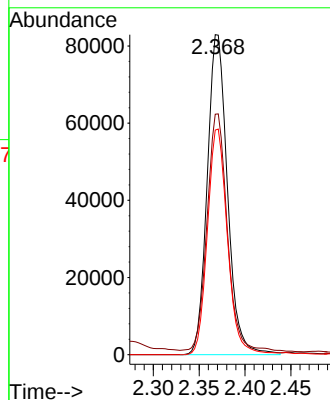
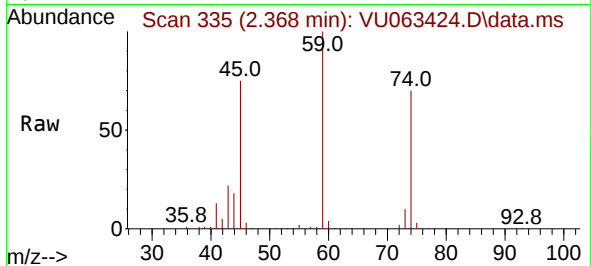




#23
Diethyl Ether
Concen: 10.304 ug/l
RT: 2.368 min Scan# 335
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

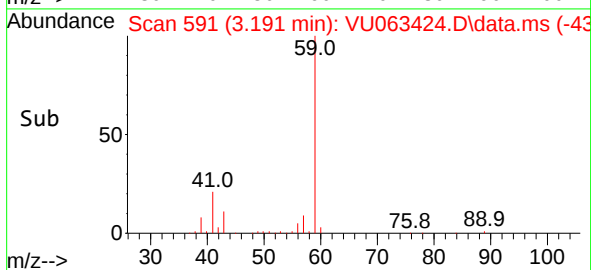
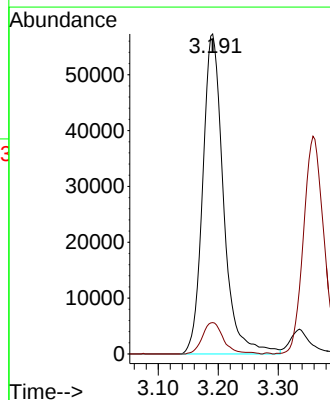
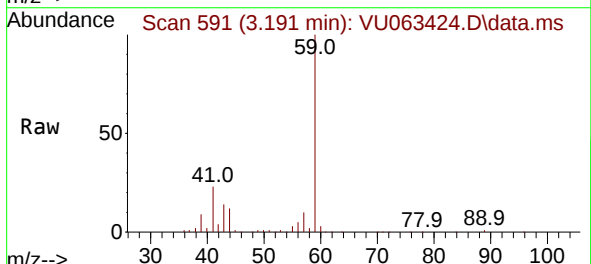
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

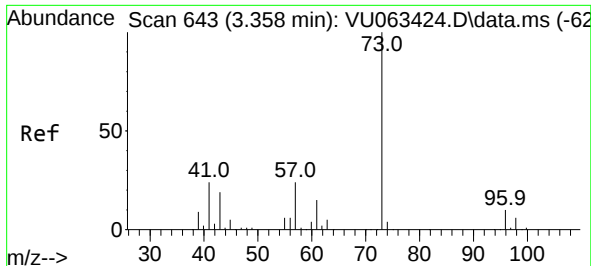
Tgt Ion: 59 Resp: 127560
Ion Ratio Lower Upper
59 100
45 75.9 60.7 91.1
74 69.7 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 105.867 ug/l
RT: 3.191 min Scan# 591
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 59 Resp: 138068
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8

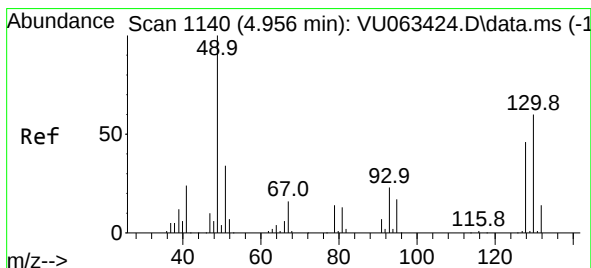
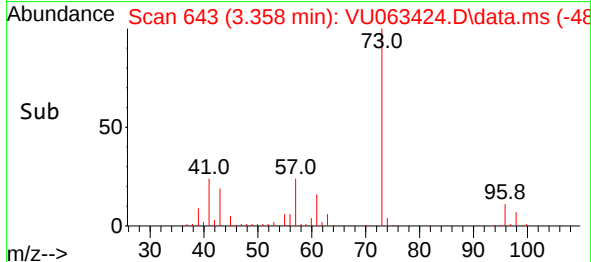
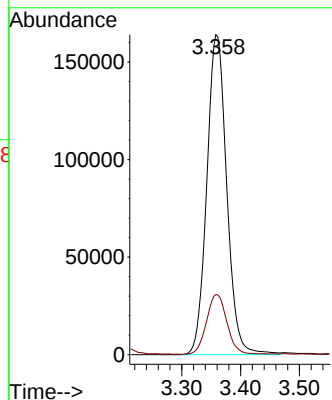
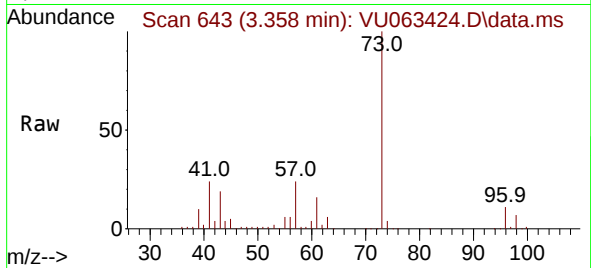




#25
Methyl tert-Butyl Ether
Concen: 10.353 ug/l
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

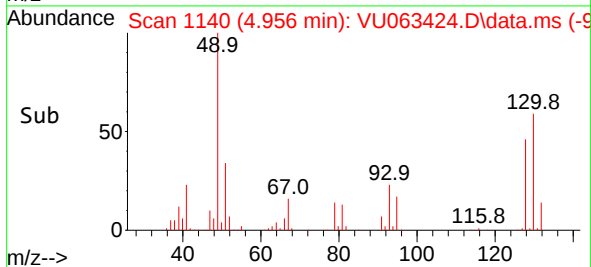
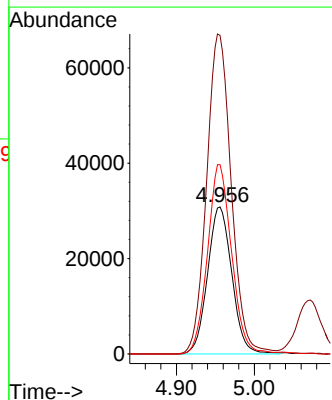
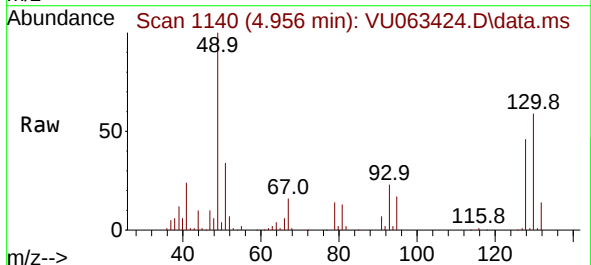
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

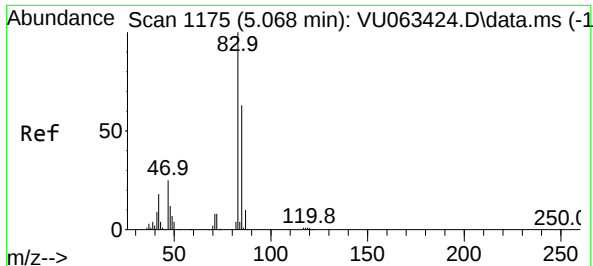
Tgt Ion: 73 Resp: 386323
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7



#26
Bromochloromethane
Concen: 10.187 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 128 Resp: 66812
Ion Ratio Lower Upper
128 100
49 220.6 0.0 441.2
130 127.9 102.3 153.5





#27

Chloroform

Concen: 10.025 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

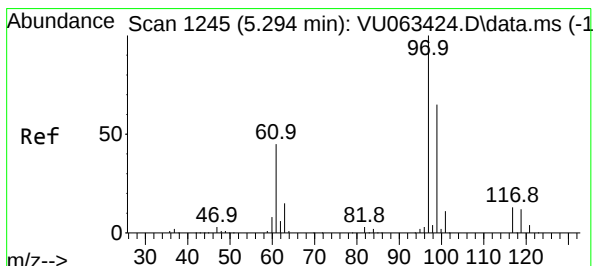
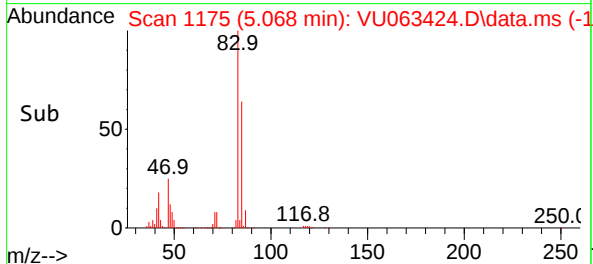
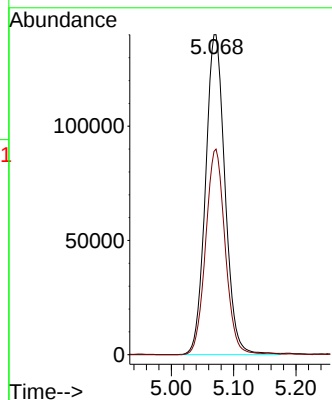
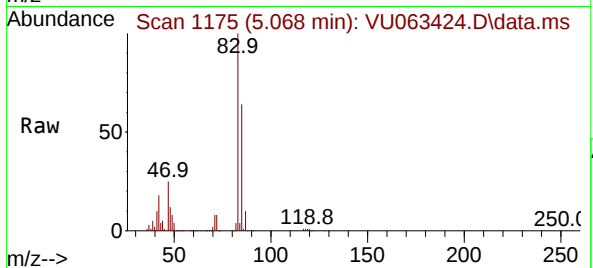
VSTDICCC010

Tgt Ion: 83 Resp: 304641

Ion Ratio Lower Upper

83 100

85 63.4 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 10.501 ug/l

RT: 5.294 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

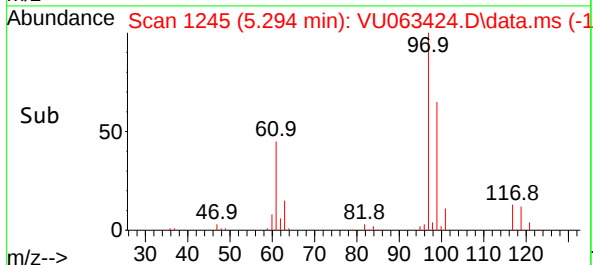
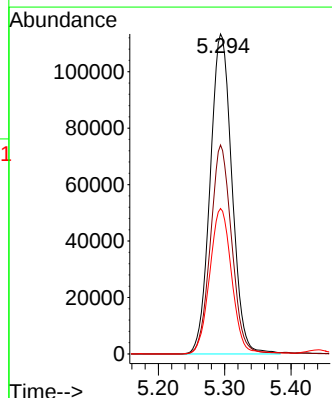
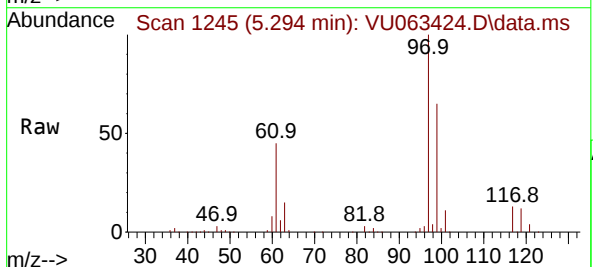
Tgt Ion: 97 Resp: 258747

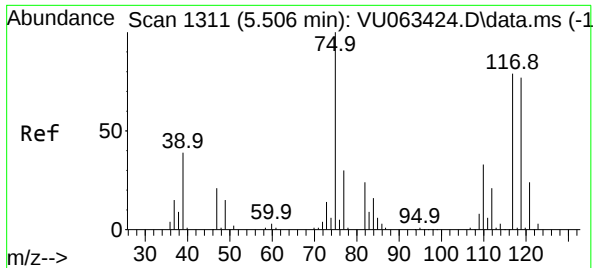
Ion Ratio Lower Upper

97 100

99 63.7 31.9 95.5

61 45.8 22.9 68.7





#29

1,1-Dichloropropene

Concen: 10.490 ug/l

RT: 5.506 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

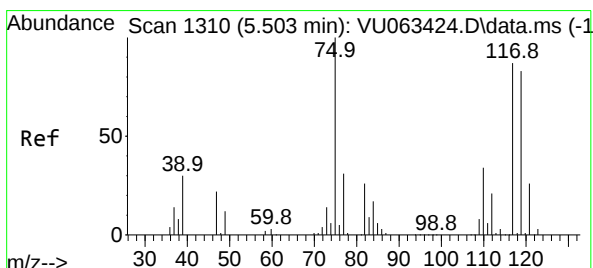
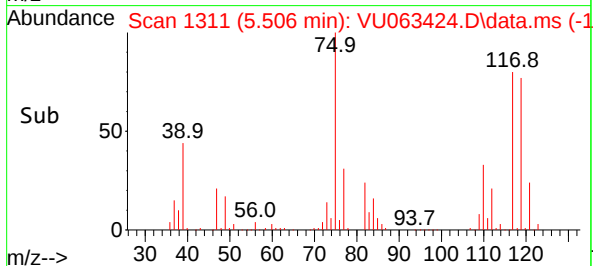
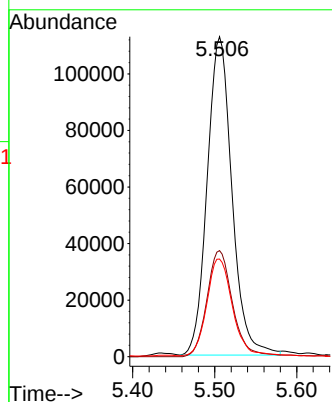
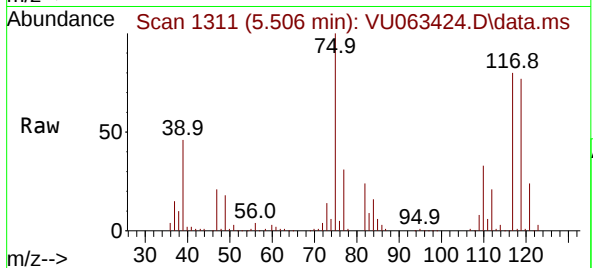
Tgt Ion: 75 Resp: 236126

Ion Ratio Lower Upper

75 100

110 34.8 17.4 52.2

77 31.7 25.4 38.0



#30

Carbon Tetrachloride

Concen: 10.671 ug/l

RT: 5.503 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

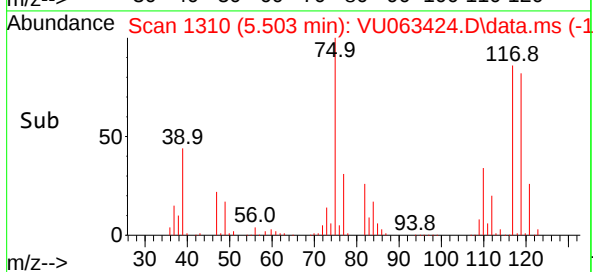
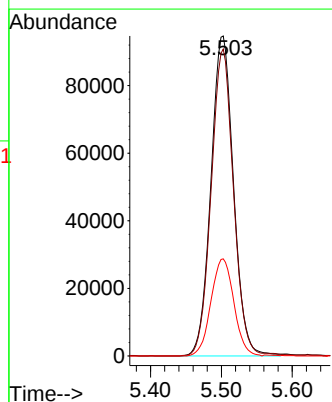
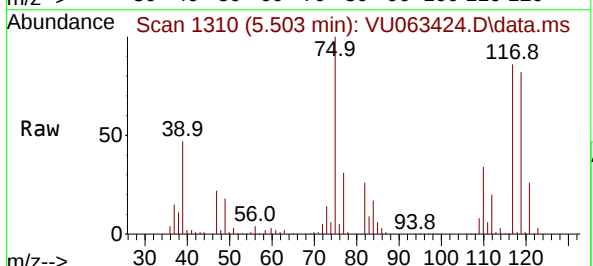
Tgt Ion: 117 Resp: 210006

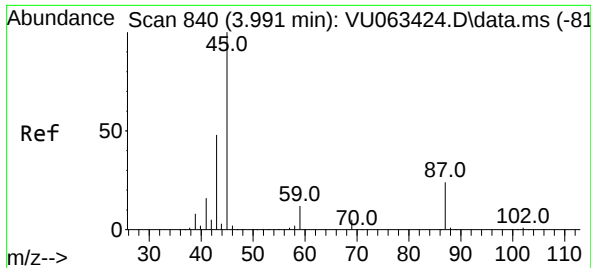
Ion Ratio Lower Upper

117 100

119 95.9 76.7 115.1

121 30.4 24.3 36.5

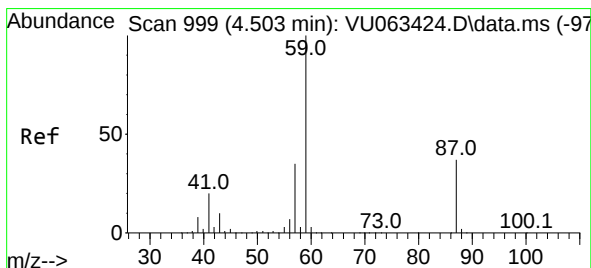
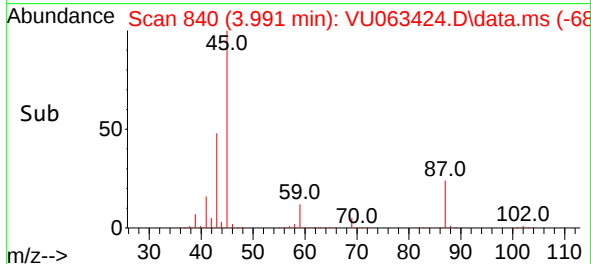
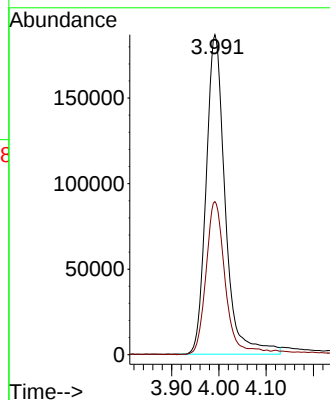
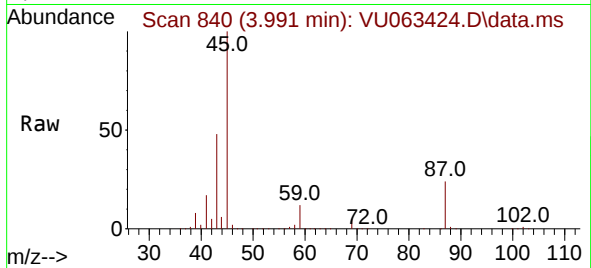




#31
Isopropyl Ether
Concen: 10.306 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

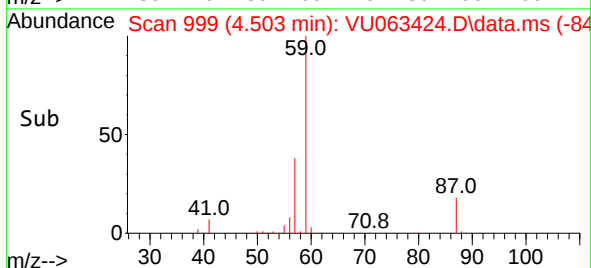
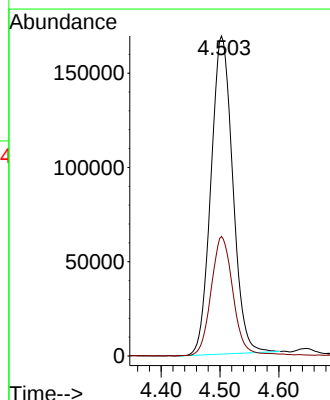
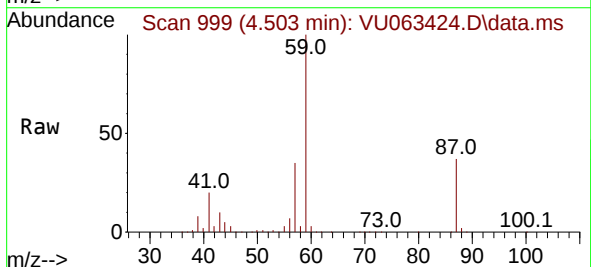
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 524974
Ion Ratio Lower Upper
45 100
43 47.7 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 10.108 ug/l
RT: 4.503 min Scan# 999
Delta R.T. -0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 59 Resp: 433645
Ion Ratio Lower Upper
59 100
87 37.4 29.9 44.9

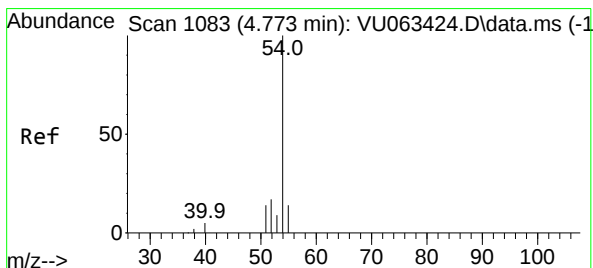
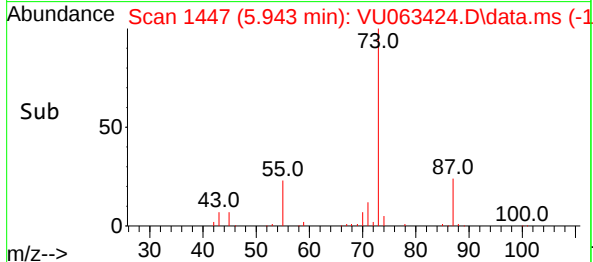
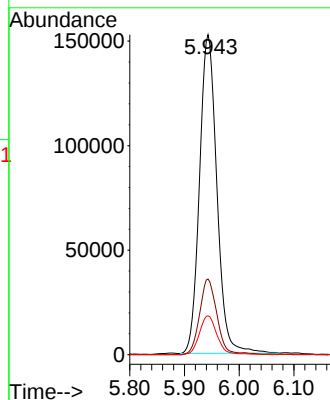
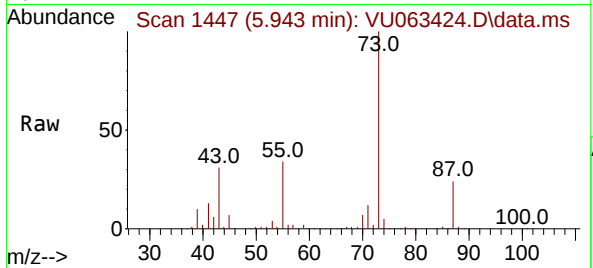




#33
Tert-Amyl methyl ether
Concen: 10.945 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

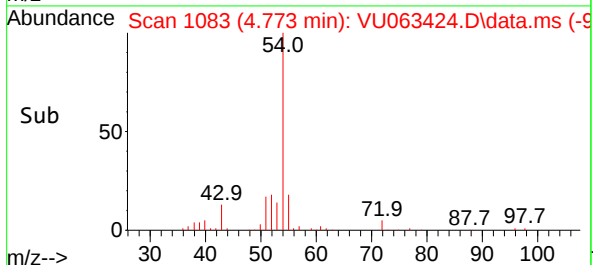
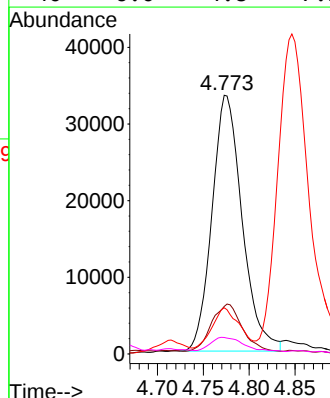
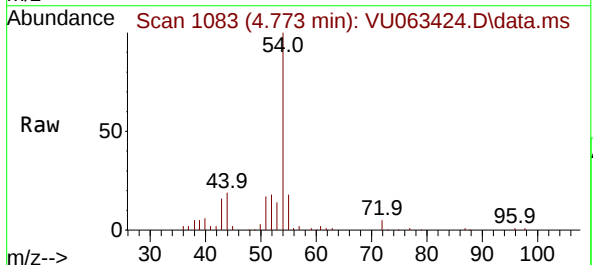
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

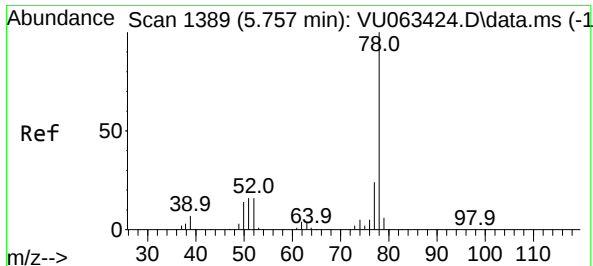
Tgt Ion: 73 Resp: 335678
Ion Ratio Lower Upper
73 100
87 22.6 18.1 27.1
71 12.5 10.0 15.0



#34
Propionitrile
Concen: 47.695 ug/l
RT: 4.773 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 54 Resp: 76327
Ion Ratio Lower Upper
54 100
52 18.5 14.8 22.2
55 15.2 12.2 18.2
40 6.0 4.8 7.2

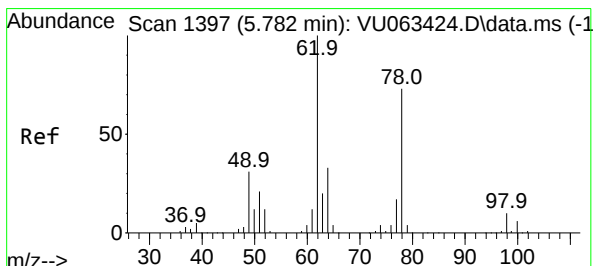
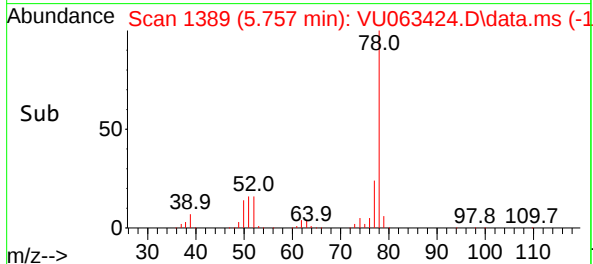
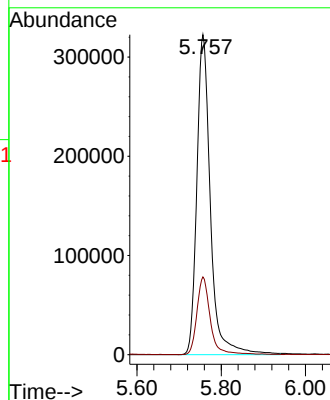
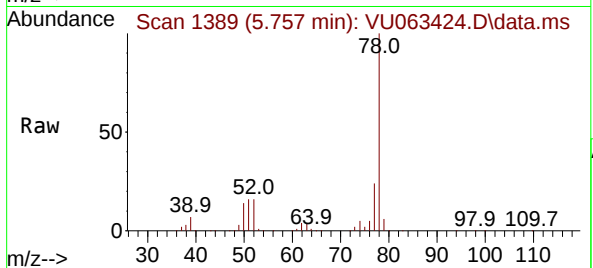




#35
Benzene
Concen: 10.571 ug/l
RT: 5.757 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

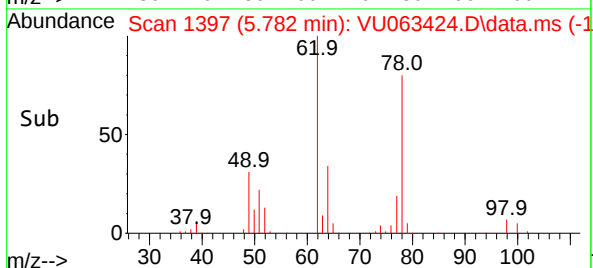
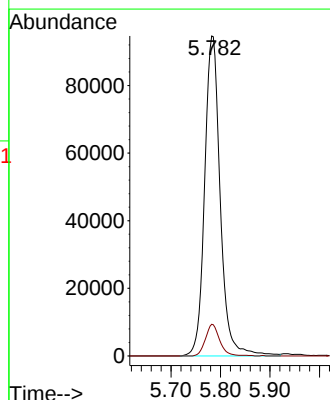
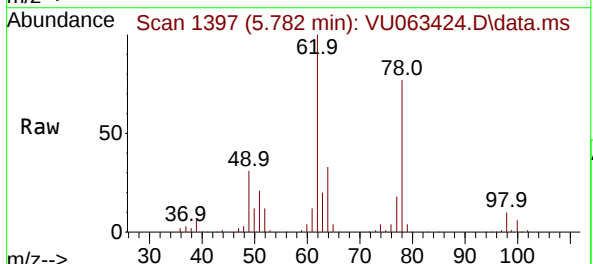
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

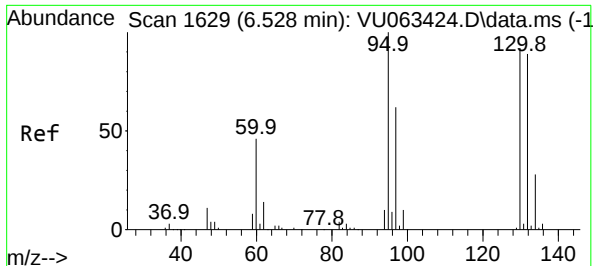
Tgt Ion: 78 Resp: 719782
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2



#36
1,2-Dichloroethane
Concen: 10.420 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 62 Resp: 207416
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7





#37

Trichloroethene

Concen: 10.437 ug/l

RT: 6.528 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

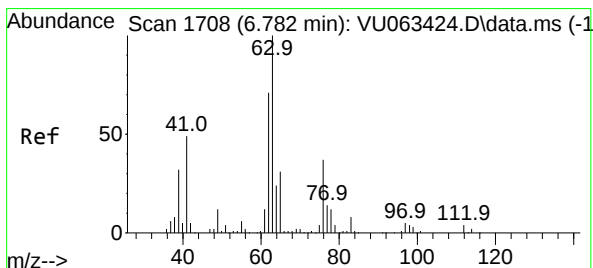
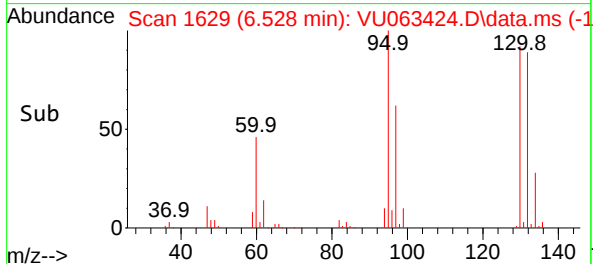
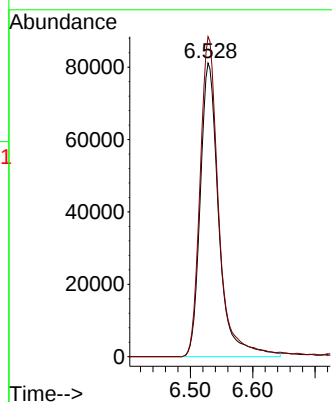
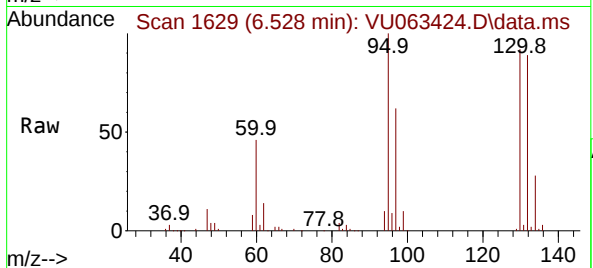
VSTDICCC010

Tgt Ion:130 Resp: 167938

Ion Ratio Lower Upper

130 100

95 109.0 87.2 130.8



#38

1,2-Dichloropropane

Concen: 10.737 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VU063424.D

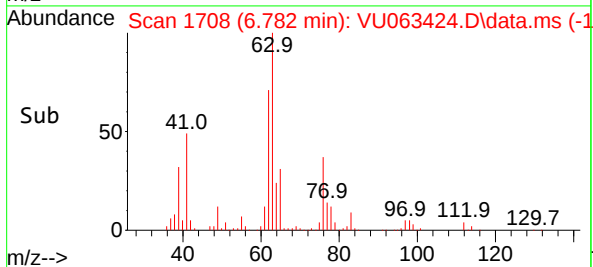
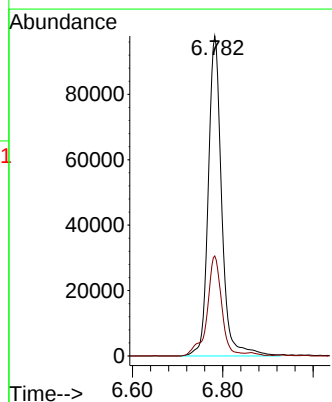
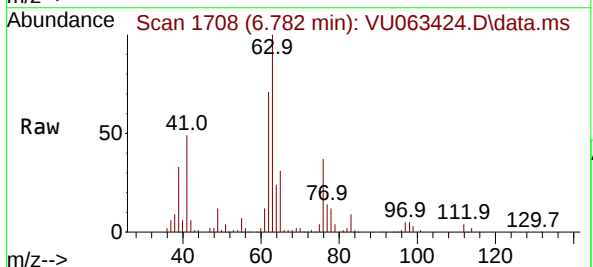
Acq: 23 Jun 2025 12:12

Tgt Ion: 63 Resp: 201915

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.6



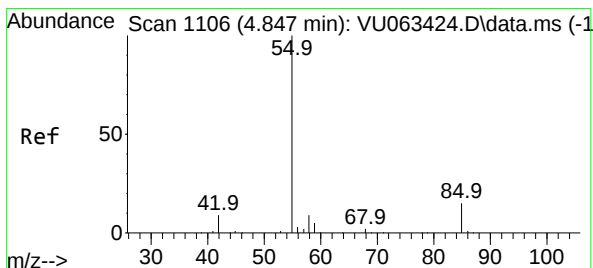
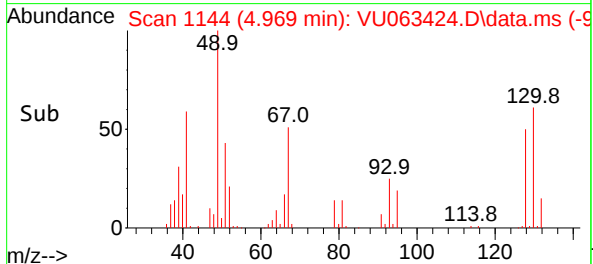
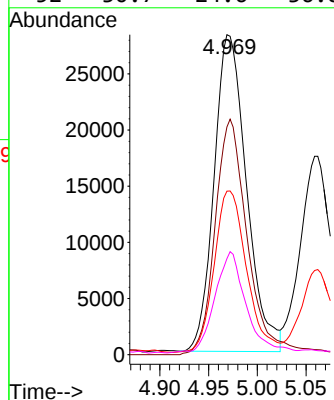
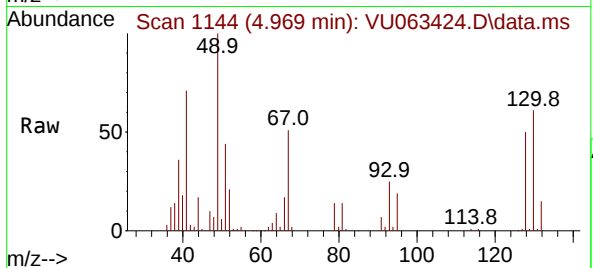


#39
Methacrylonitrile
Concen: 9.809 ug/l
RT: 4.969 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 65314

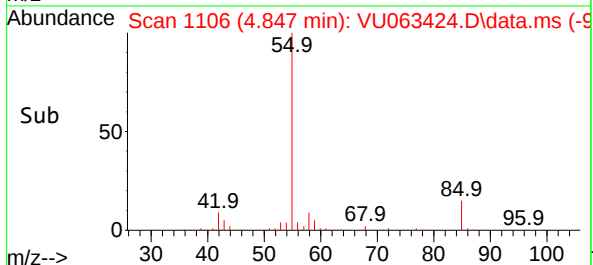
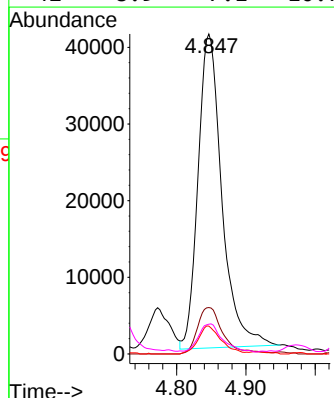
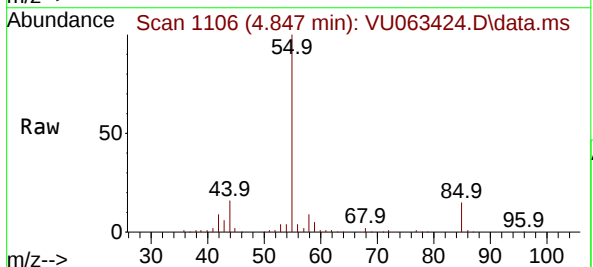
Ion	Ratio	Lower	Upper
41	100		
67	74.8	59.8	89.8
39	50.9	40.7	61.1
52	30.7	24.6	36.8

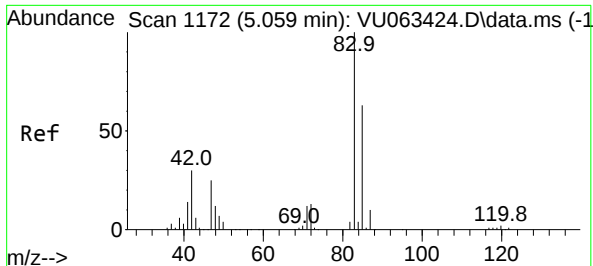


#40
Methyl acrylate
Concen: 10.481 ug/l
RT: 4.847 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 55 Resp: 98181

Ion	Ratio	Lower	Upper
55	100		
85	15.8	12.6	19.0
58	8.6	6.9	10.3
42	8.9	7.1	10.7





#41

Tetrahydrofuran

Concen: 19.185 ug/l

RT: 5.059 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

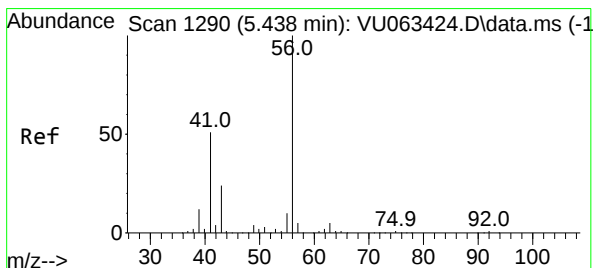
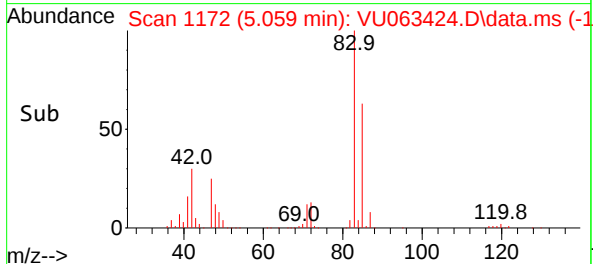
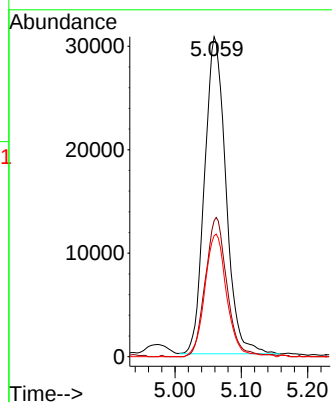
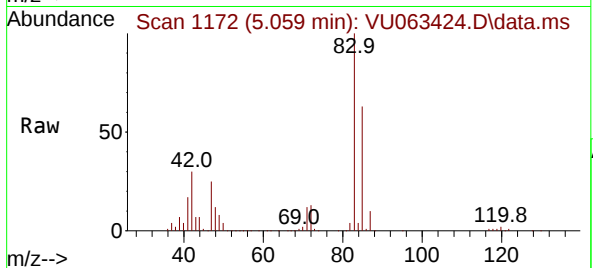
Tgt Ion: 42 Resp: 68718

Ion Ratio Lower Upper

42 100

72 44.3 35.4 53.2

71 39.2 31.4 47.0



#42

1-Chlorobutane

Concen: 10.163 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VU063424.D

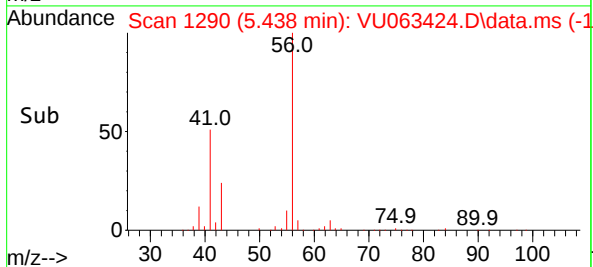
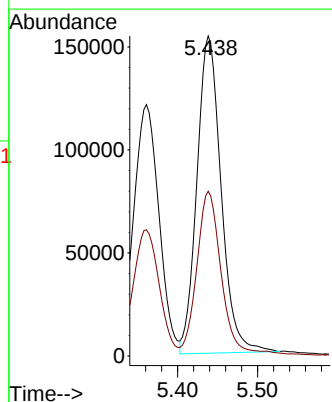
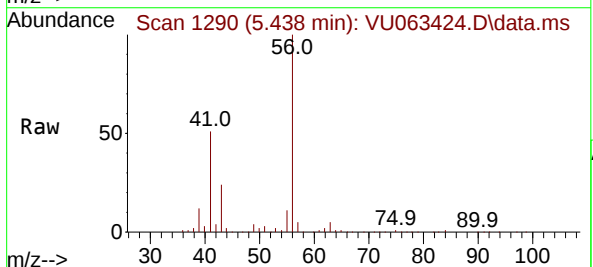
Acq: 23 Jun 2025 12:12

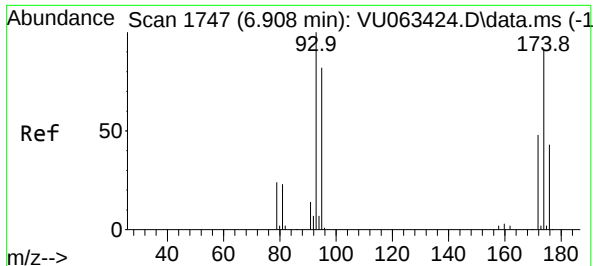
Tgt Ion: 56 Resp: 324520

Ion Ratio Lower Upper

56 100

41 52.7 26.4 79.0

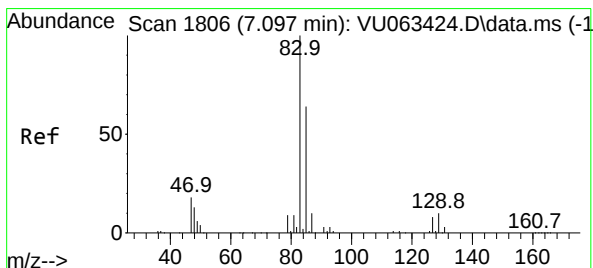
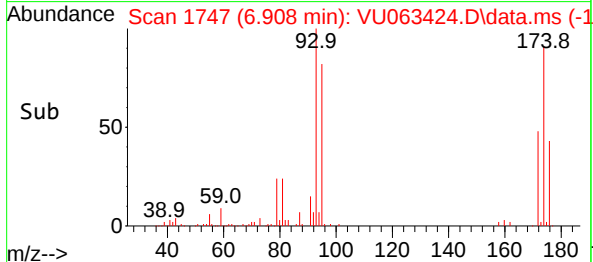
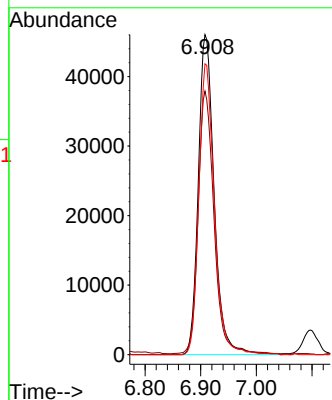
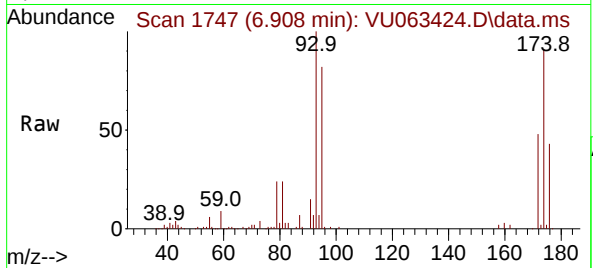




#43
Dibromomethane
Concen: 10.392 ug/l
RT: 6.908 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

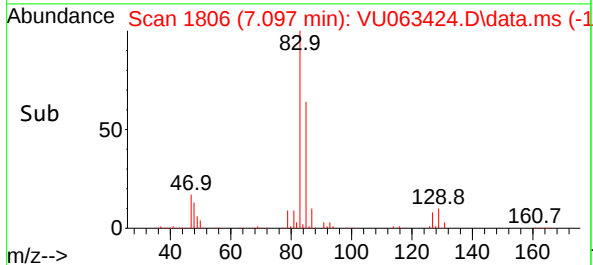
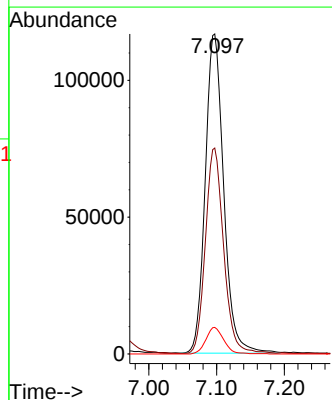
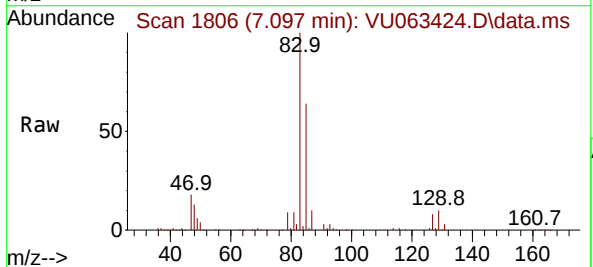
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

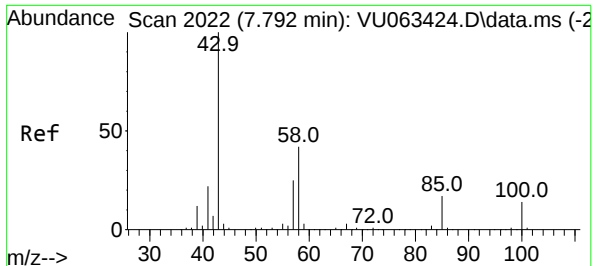
Tgt Ion: 93 Resp: 91293
Ion Ratio Lower Upper
93 100
95 83.4 66.7 100.1
174 88.9 71.1 106.7



#44
Bromodichloromethane
Concen: 10.325 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 83 Resp: 220943
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2
127 8.3 6.6 10.0

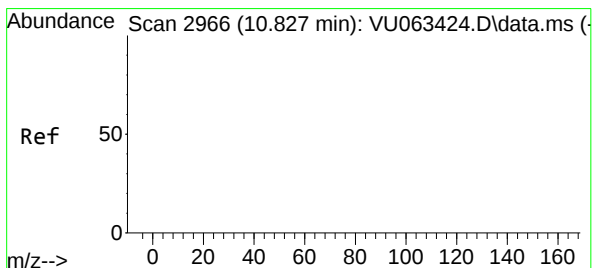
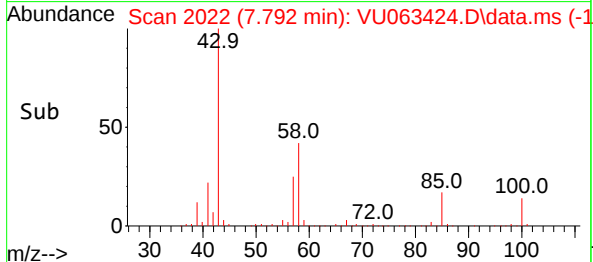
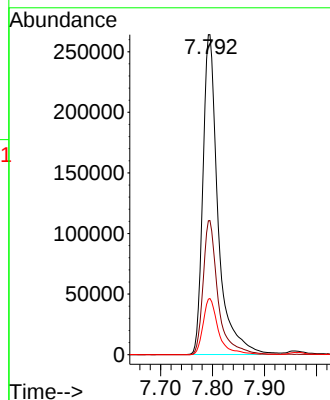
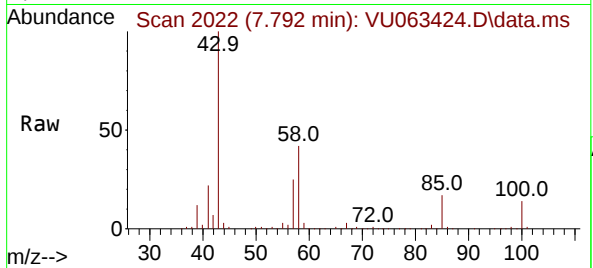




#45
4-Methyl-2-Pentanone
Concen: 56.952 ug/l
RT: 7.792 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

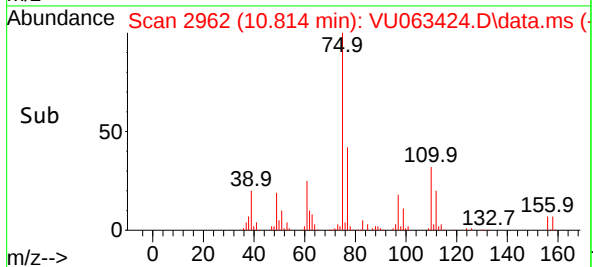
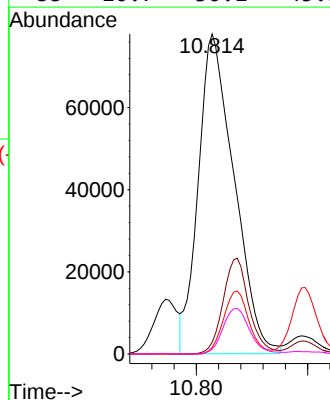
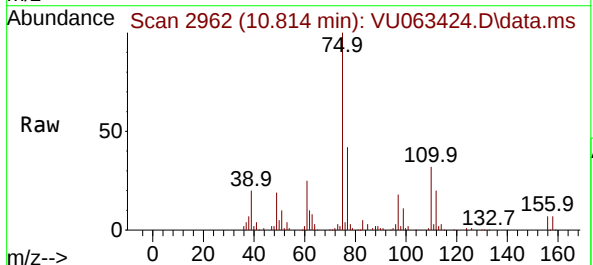
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

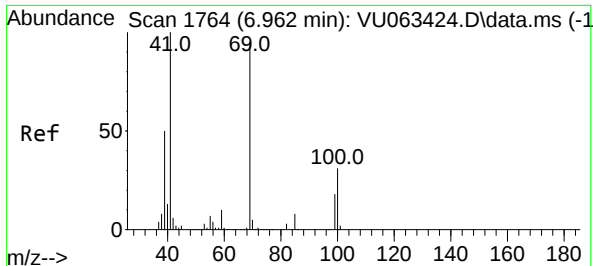
Tgt Ion: 43 Resp: 537078
Ion Ratio Lower Upper
43 100
58 41.1 20.5 61.6
85 17.7 14.2 21.2



#46
t-1,4-Dichloro-2-butene
Concen: 57.662 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.013 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 75 Resp: 173574
Ion Ratio Lower Upper
75 100
53 21.9 61.4 92.2#
89 14.0 39.2 58.8#
88 10.7 30.1 45.1#





#47

Methyl methacrylate

Concen: 19.900 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 166457

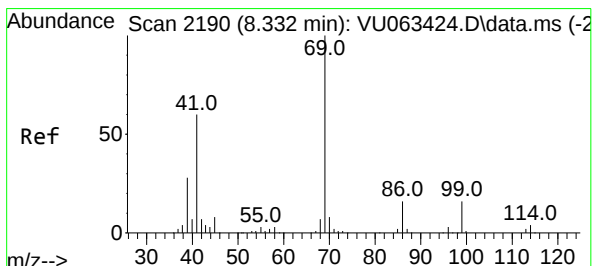
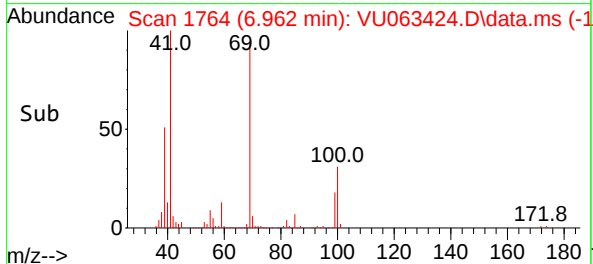
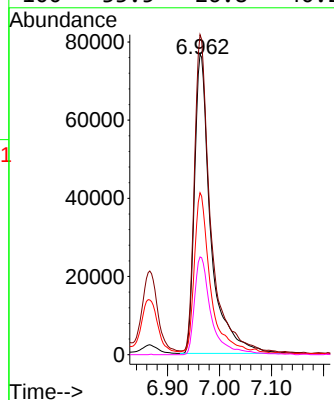
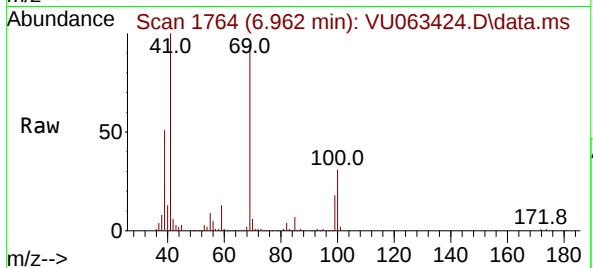
Ion Ratio Lower Upper

69 100

41 106.3 0.0 212.6

39 50.8 40.6 61.0

100 33.5 26.8 40.2



#48

Ethyl methacrylate

Concen: 10.032 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VU063424.D

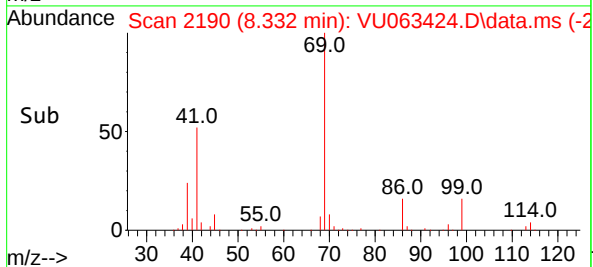
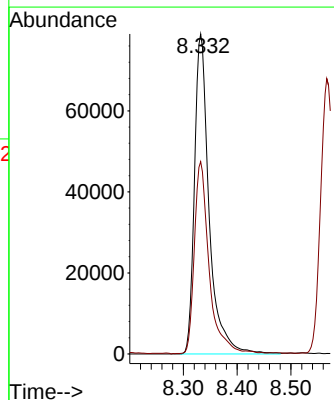
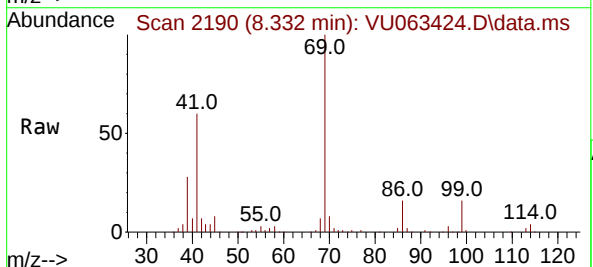
Acq: 23 Jun 2025 12:12

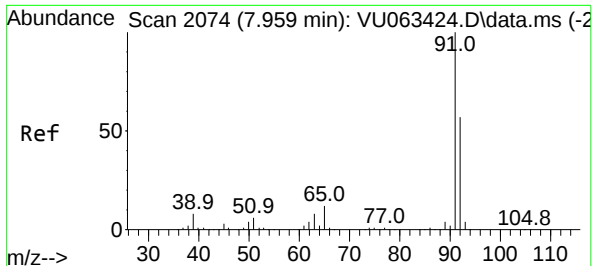
Tgt Ion: 69 Resp: 149278

Ion Ratio Lower Upper

69 100

41 61.3 30.6 92.0





#49

Toluene

Concen: 11.466 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

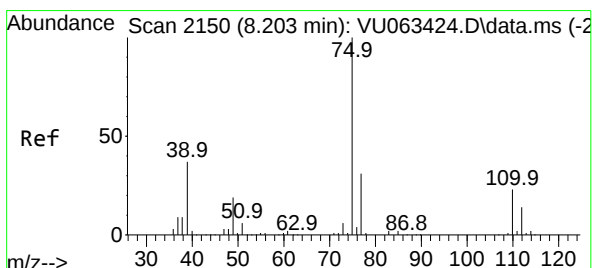
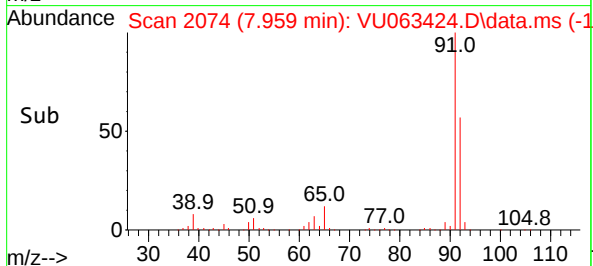
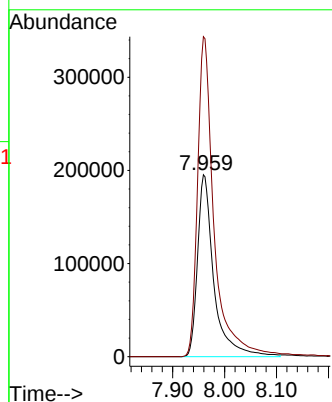
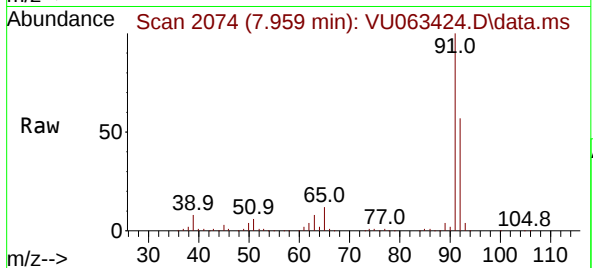
VSTDICCC010

Tgt Ion: 92 Resp: 428644

Ion Ratio Lower Upper

92 100

91 177.5 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 11.584 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU063424.D

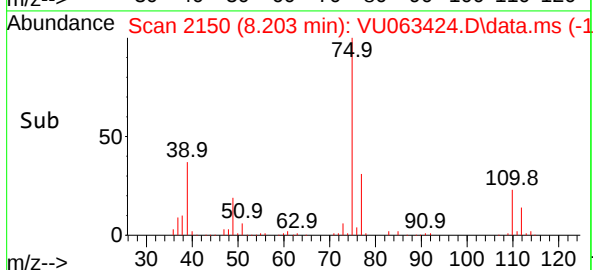
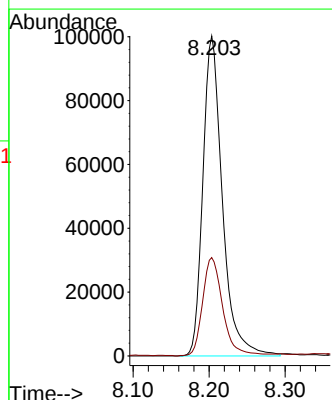
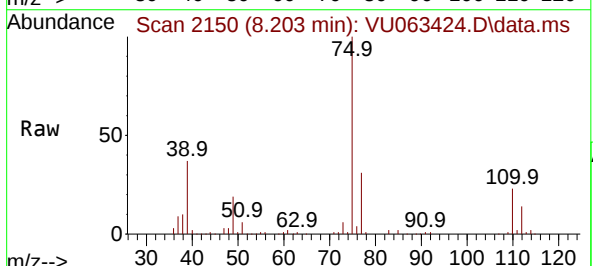
Acq: 23 Jun 2025 12:12

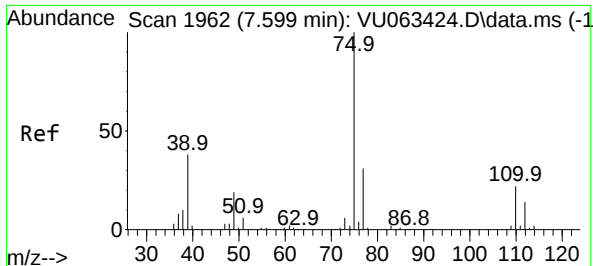
Tgt Ion: 75 Resp: 178770

Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7

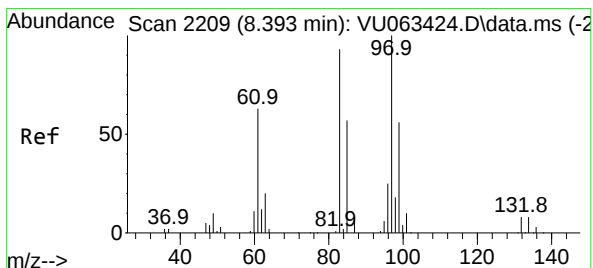
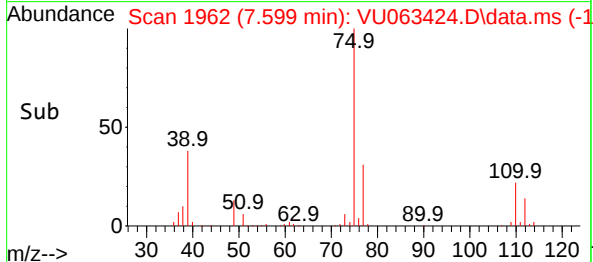
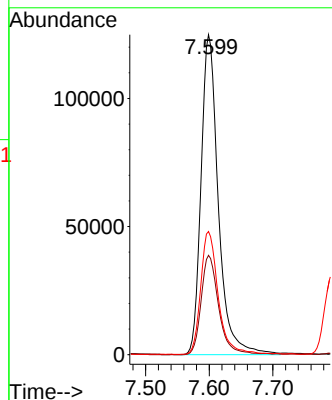
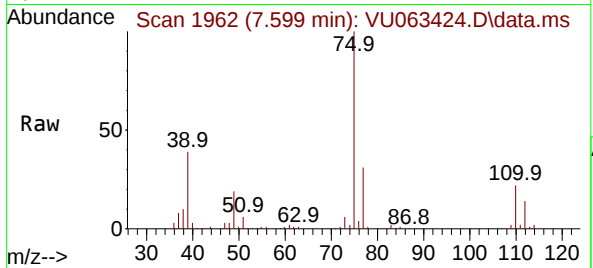




#51
 cis-1,3-Dichloropropene
 Concen: 11.377 ug/l
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU063424.D
 Acq: 23 Jun 2025 12:12

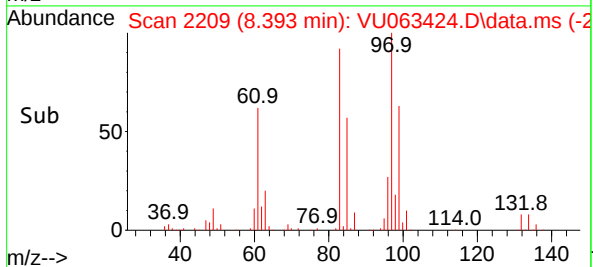
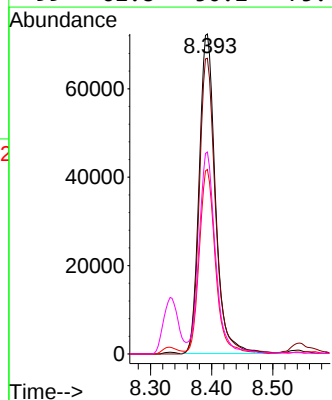
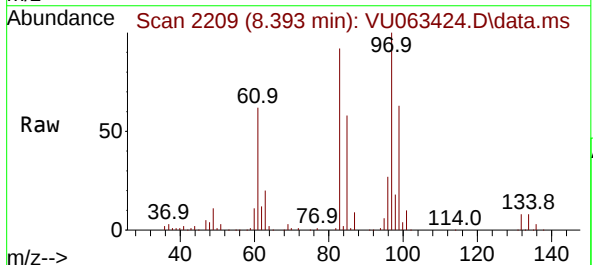
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

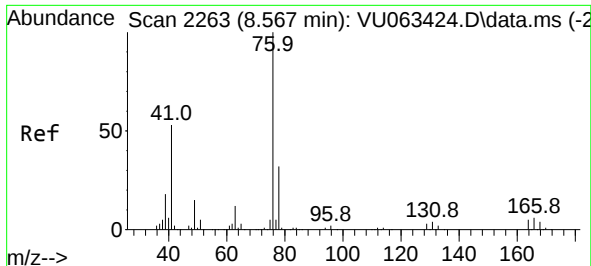
Tgt Ion: 75 Resp: 235814
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2
 39 38.4 30.7 46.1



#52
 1,1,2-Trichloroethane
 Concen: 10.410 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU063424.D
 Acq: 23 Jun 2025 12:12

Tgt Ion: 97 Resp: 133693
 Ion Ratio Lower Upper
 97 100
 83 92.6 74.1 111.1
 85 57.3 45.8 68.8
 99 62.8 50.2 75.4





#53

1,3-Dichloropropane

Concen: 10.667 ug/l

RT: 8.567 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

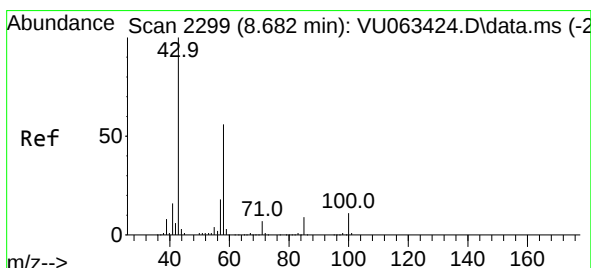
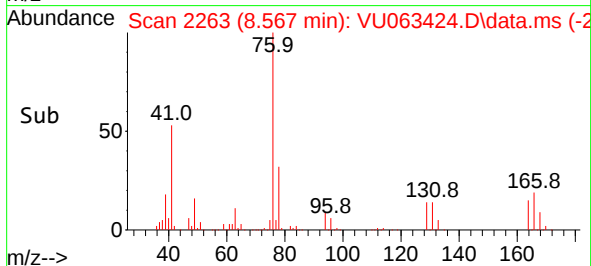
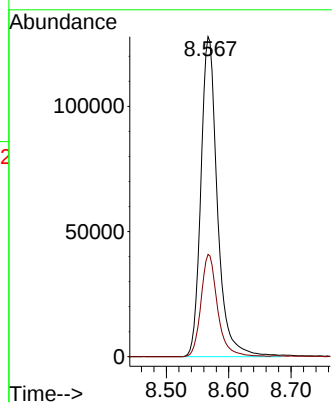
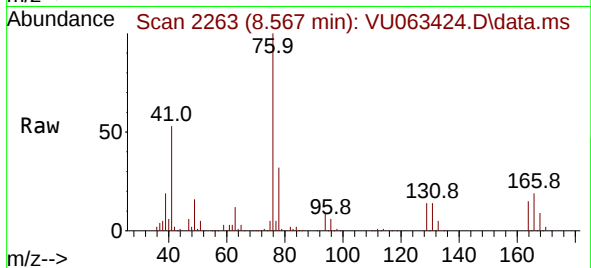
VSTDICCC010

Tgt Ion: 76 Resp: 235694

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#54

2-Hexanone

Concen: 49.608 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

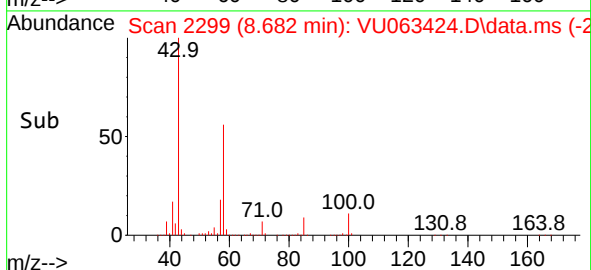
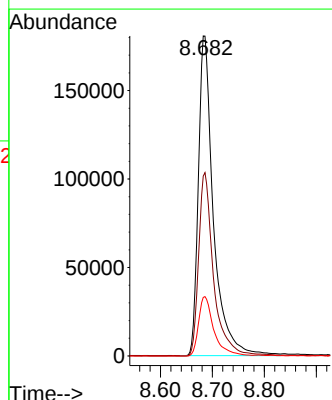
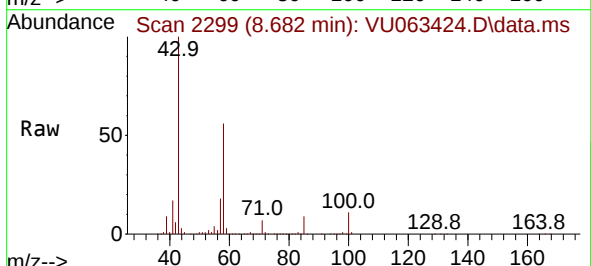
Tgt Ion: 43 Resp: 365372

Ion Ratio Lower Upper

43 100

58 56.9 36.9 76.9

57 18.8 0.0 38.8

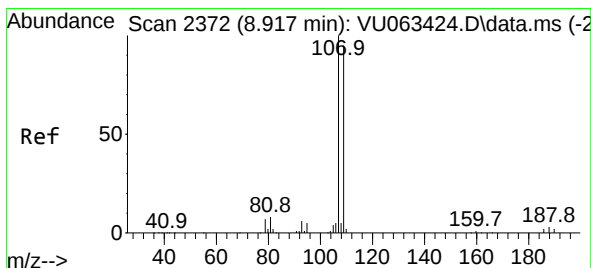
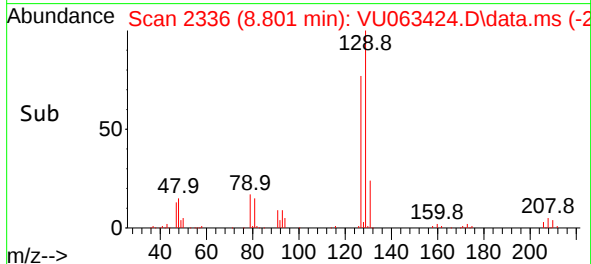
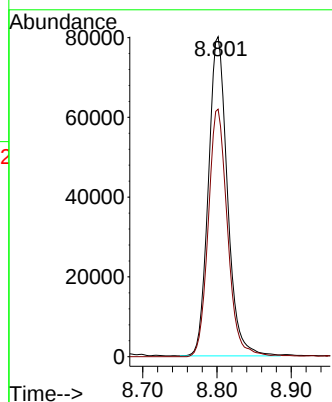
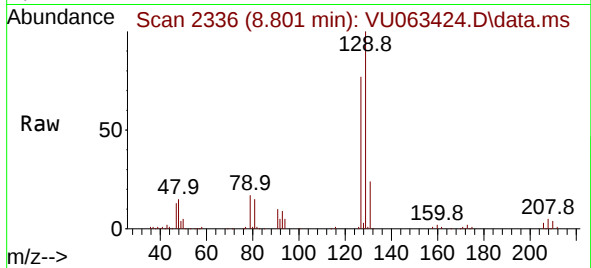




#55
Dibromochloromethane
Concen: 10.738 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

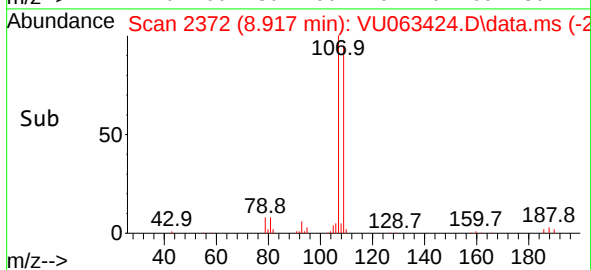
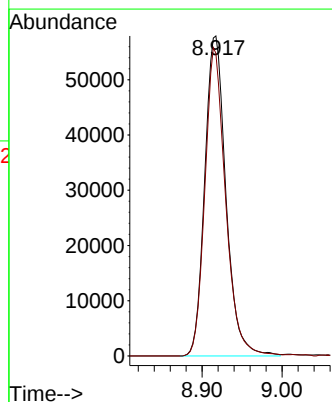
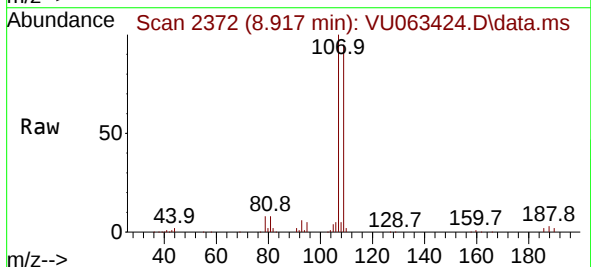
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

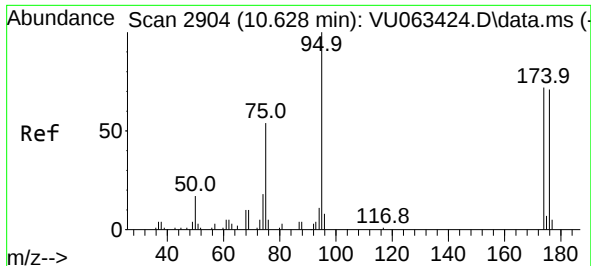
Tgt Ion:129 Resp: 142275
Ion Ratio Lower Upper
129 100
127 78.2 62.6 93.8



#56
1,2-Dibromoethane
Concen: 10.274 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion:107 Resp: 106958
Ion Ratio Lower Upper
107 100
109 94.0 0.0 188.0





#57

4-Bromofluorobenzene

Concen: 1.151 ug/l

RT: 10.628 min Scan# 2904

Delta R.T. -0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

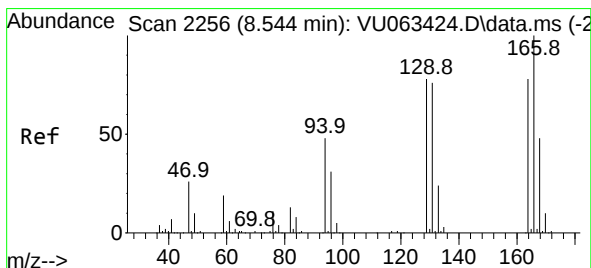
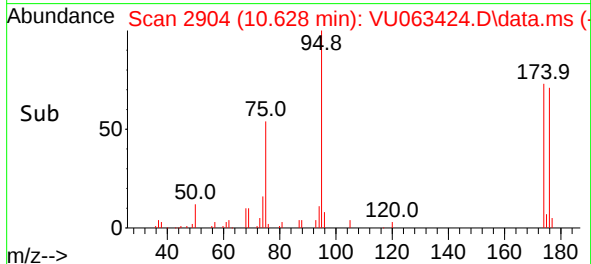
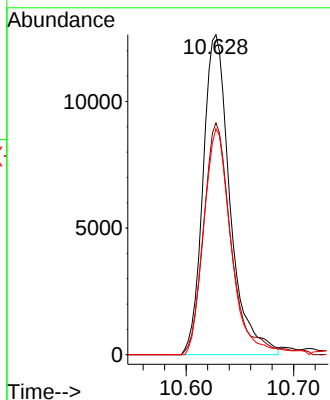
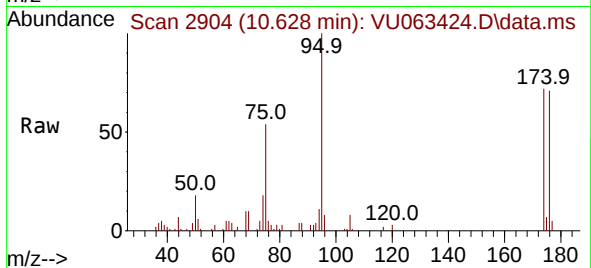
Tgt Ion: 95 Resp: 22090

Ion Ratio Lower Upper

95 100

174 74.3 59.4 89.2

176 72.2 57.8 86.6



#58

Tetrachloroethene

Concen: 10.703 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Tgt Ion:164 Resp: 168950

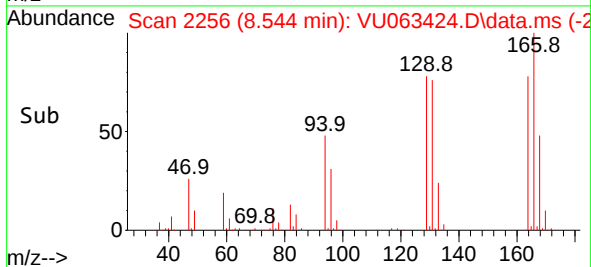
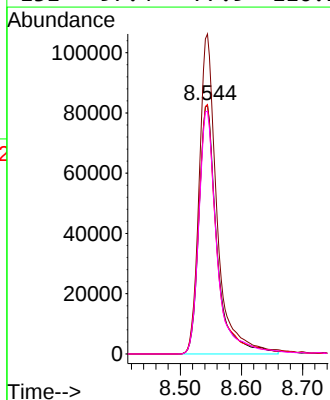
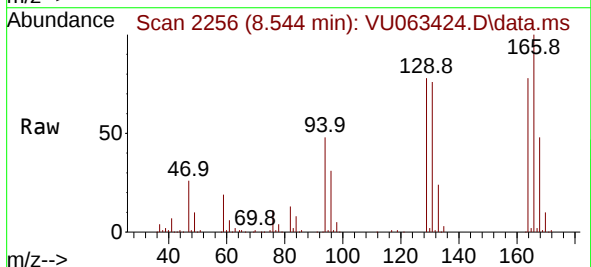
Ion Ratio Lower Upper

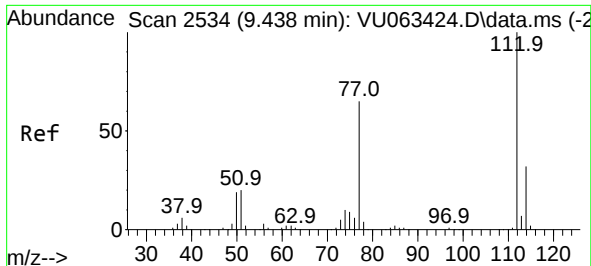
164 100

166 128.5 102.8 154.2

129 100.2 80.2 120.2

131 97.4 77.9 116.9





#59

Chlorobenzene

Concen: 10.962 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

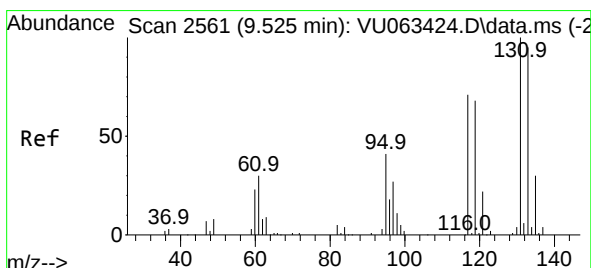
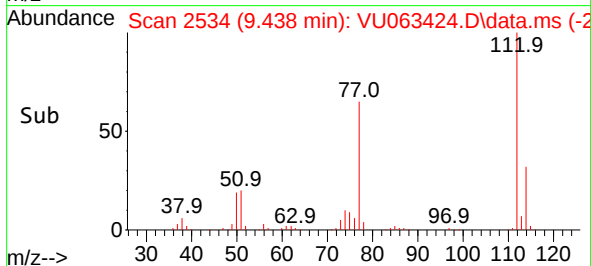
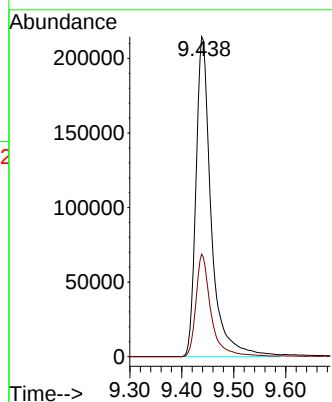
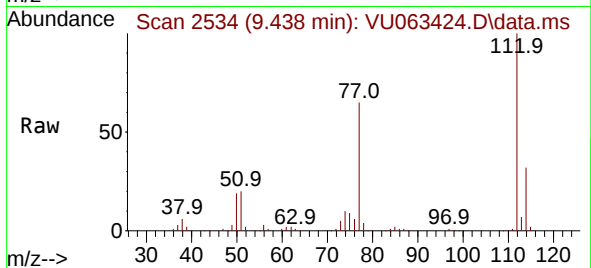
VSTDICCC010

Tgt Ion:112 Resp: 438712

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 10.472 ug/l

RT: 9.525 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

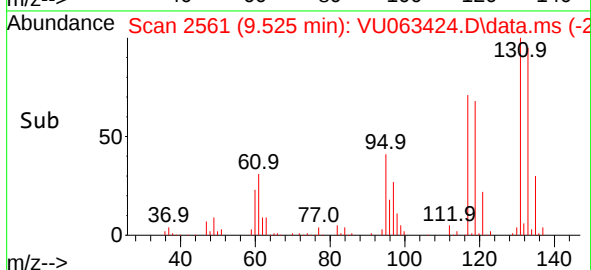
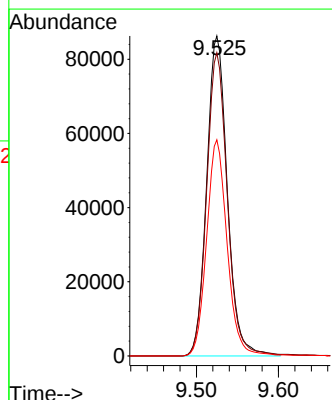
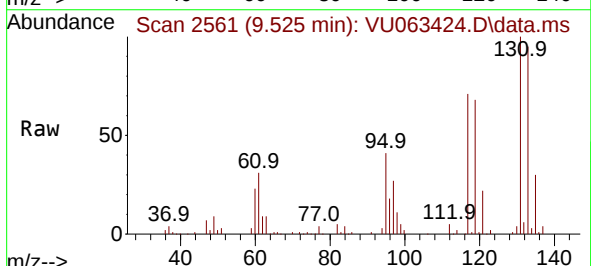
Tgt Ion:131 Resp: 150859

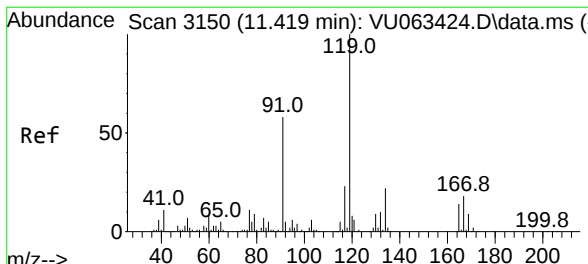
Ion Ratio Lower Upper

131 100

133 95.1 76.1 114.1

119 67.1 53.7 80.5

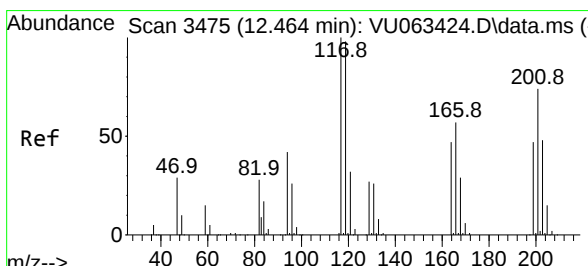
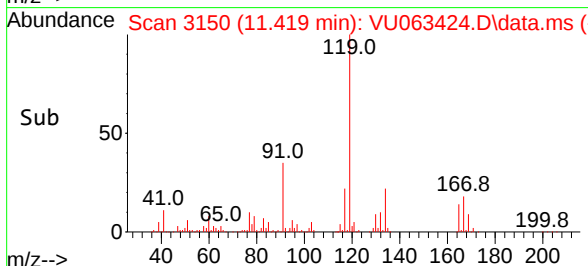
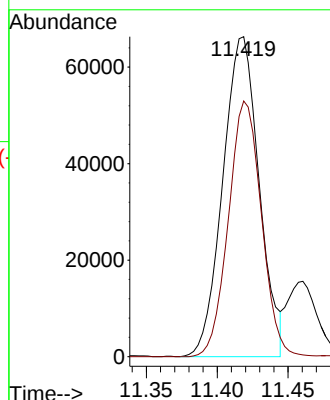
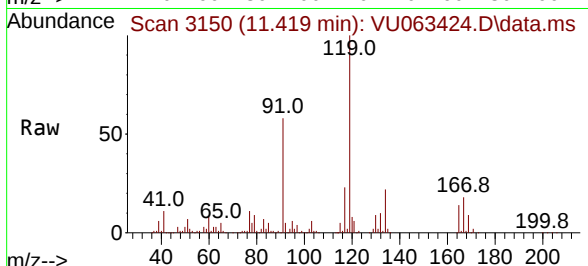




#61
 Pentachloroethane
 Concen: 10.085 ug/l
 RT: 11.419 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU063424.D
 Acq: 23 Jun 2025 12:12

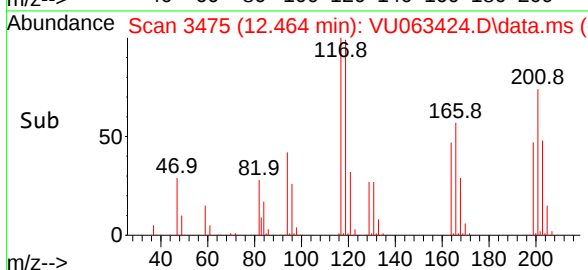
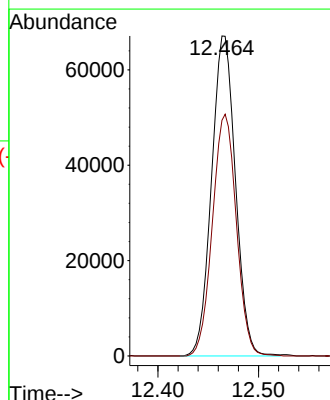
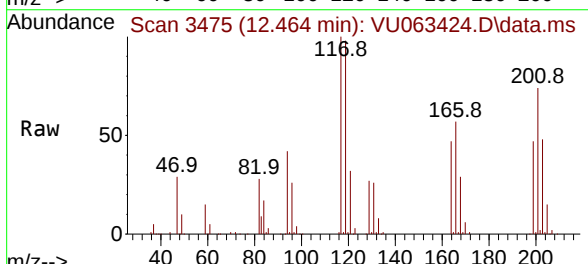
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

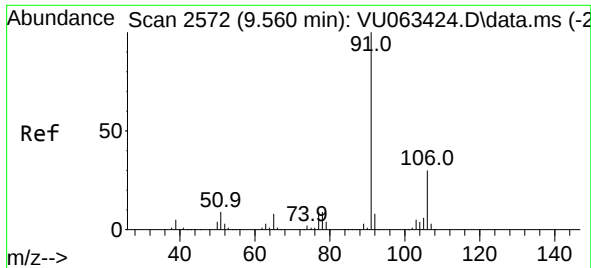
Tgt Ion:117 Resp: 118366
 Ion Ratio Lower Upper
 117 100
 167 72.6 58.1 87.1



#62
 Hexachloroethane
 Concen: 10.520 ug/l
 RT: 12.464 min Scan# 3475
 Delta R.T. 0.000 min
 Lab File: VU063424.D
 Acq: 23 Jun 2025 12:12

Tgt Ion:117 Resp: 111035
 Ion Ratio Lower Upper
 117 100
 201 75.5 60.4 90.6

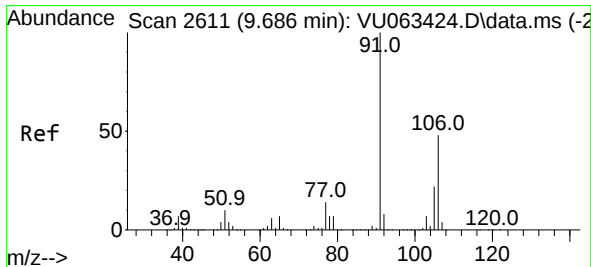
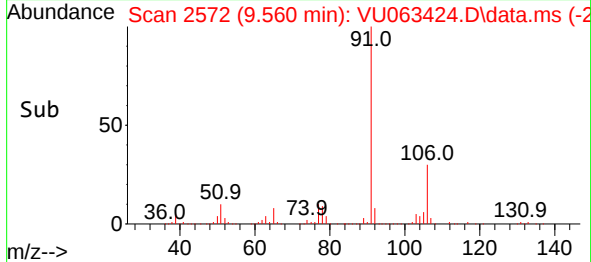
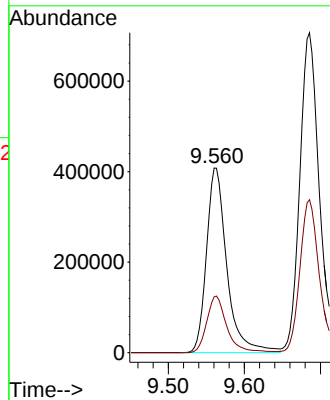
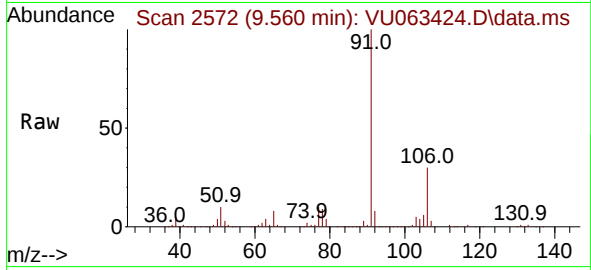




#63
Ethyl Benzene
Concen: 11.866 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

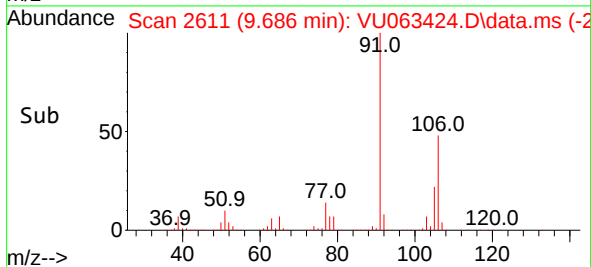
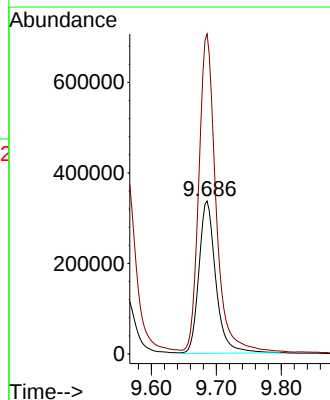
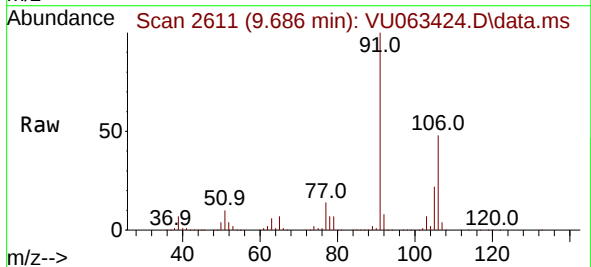
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

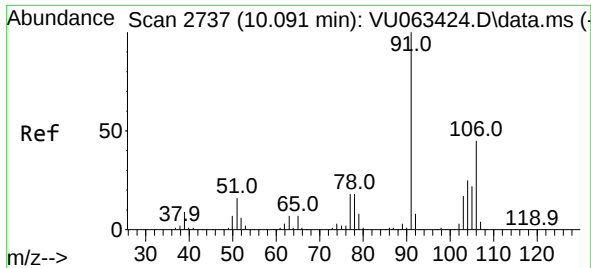
Tgt Ion: 91 Resp: 761340
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2



#64
m/p-Xylenes
Concen: 20.136 ug/l
RT: 9.686 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion:106 Resp: 610897
Ion Ratio Lower Upper
106 100
91 212.4 169.9 254.9

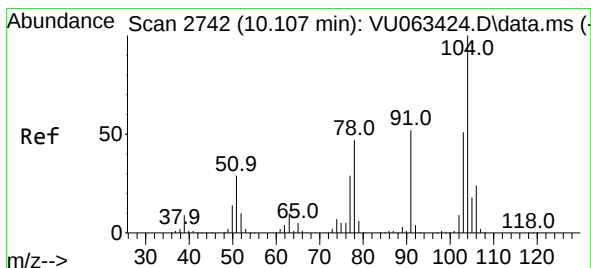
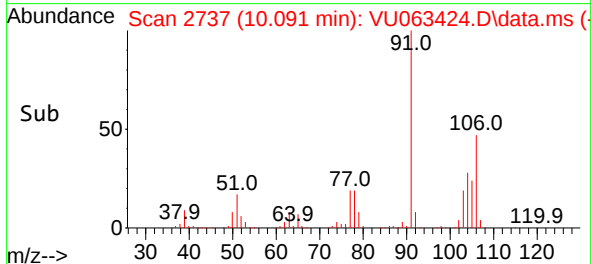
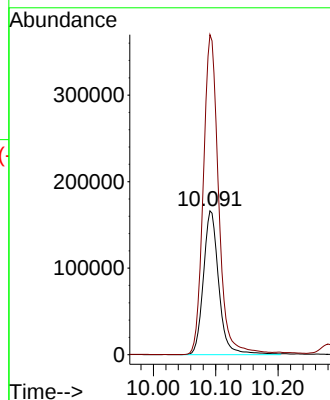
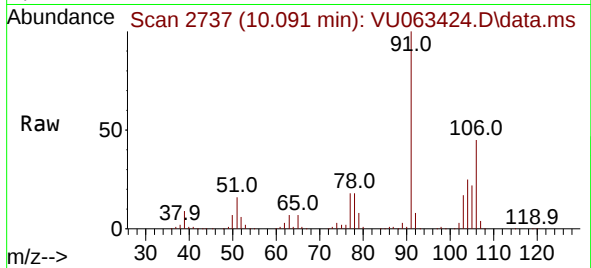




#65
o-Xylene
Concen: 11.721 ug/l
RT: 10.091 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

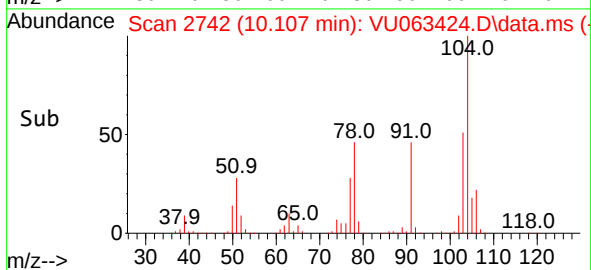
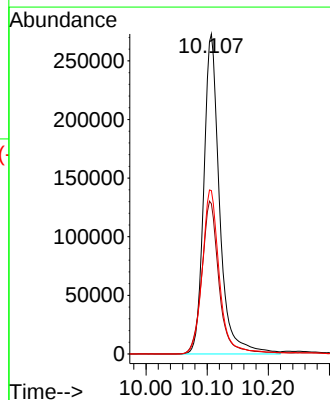
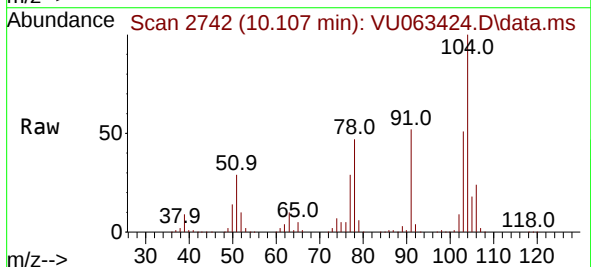
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:106 Resp: 285691
Ion Ratio Lower Upper
106 100
91 221.5 110.8 332.3



#66
Styrene
Concen: 10.073 ug/l
RT: 10.107 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion:104 Resp: 490962
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 55.8 44.6 67.0





#67

Bromoform

Concen: 10.729 ug/l

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

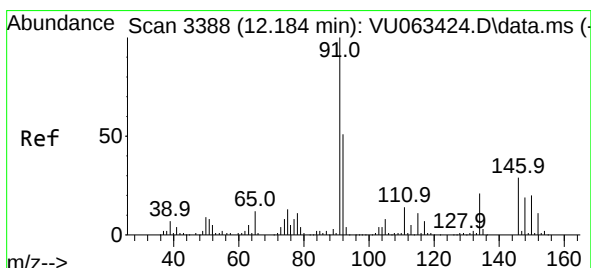
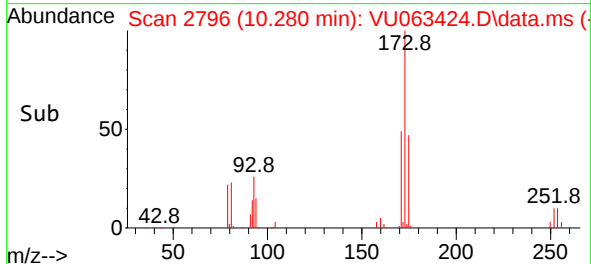
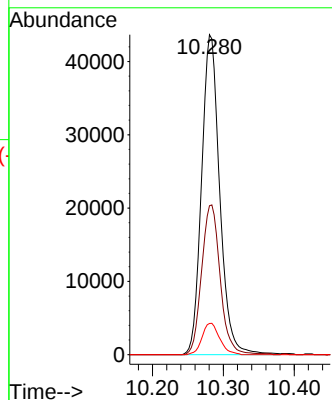
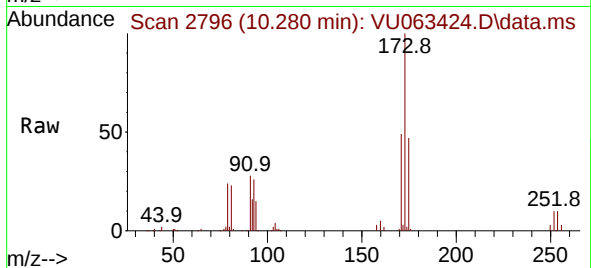
Tgt Ion:173 Resp: 77677

Ion Ratio Lower Upper

173 100

175 47.7 38.2 57.2

254 9.5 7.6 11.4



#68

1,2-Dichlorobenzene-d4

Concen: 1.079 ug/l

RT: 12.184 min Scan# 3388

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

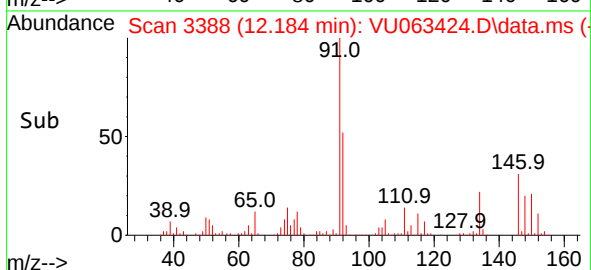
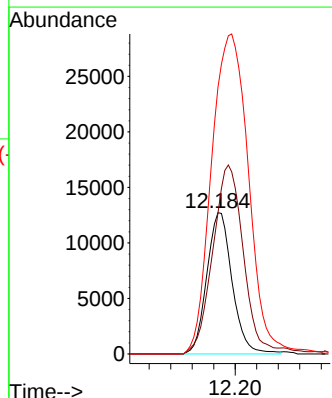
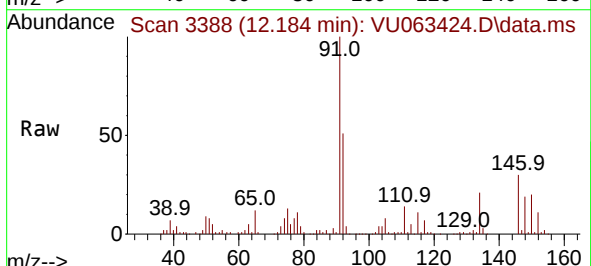
Tgt Ion:152 Resp: 20788

Ion Ratio Lower Upper

152 100

115 163.8 0.0 327.6

150 332.2 0.0 664.4

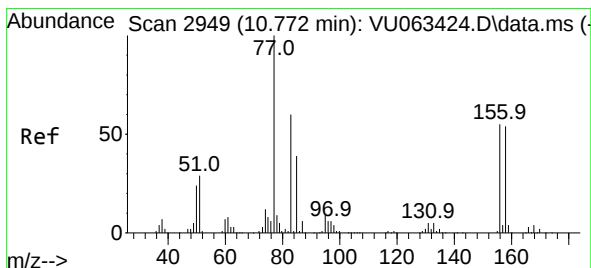
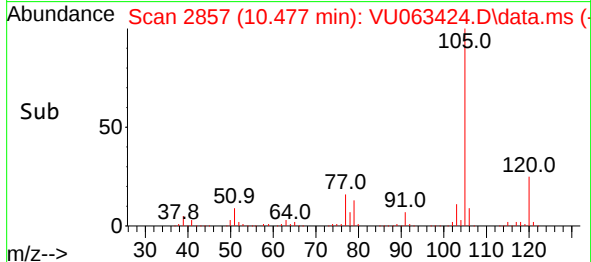
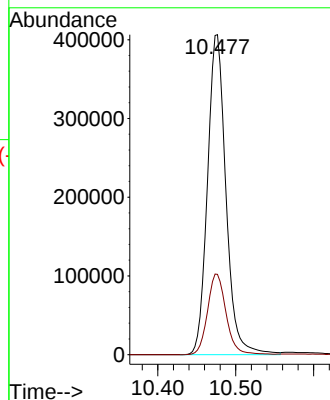
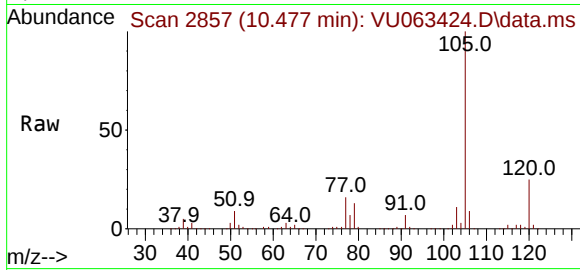




#69
Isopropylbenzene
Concen: 11.853 ug/l
RT: 10.477 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

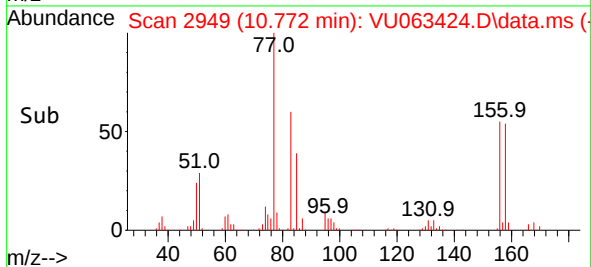
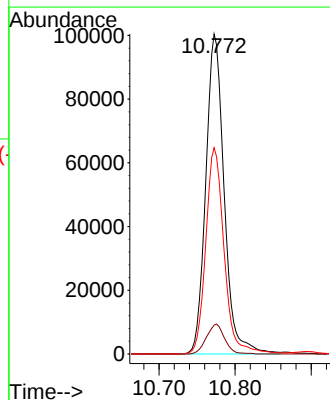
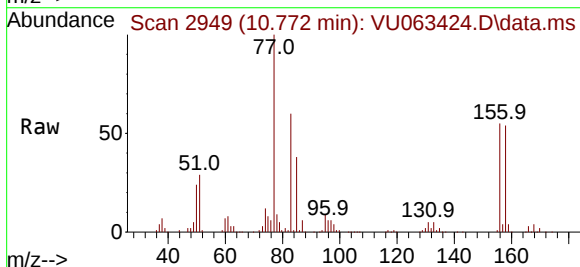
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

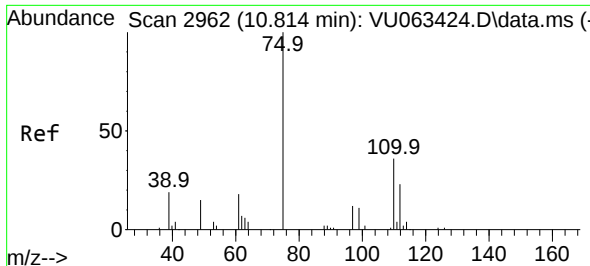
Tgt Ion:105 Resp: 669313
Ion Ratio Lower Upper
105 100
120 25.4 12.7 38.1



#70
1,1,2,2-Tetrachloroethane
Concen: 10.276 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 83 Resp: 168805
Ion Ratio Lower Upper
83 100
131 9.2 7.4 11.0
85 64.1 51.3 76.9

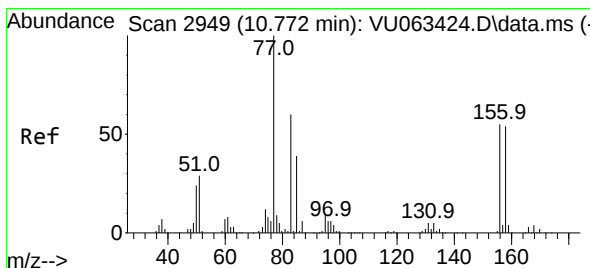
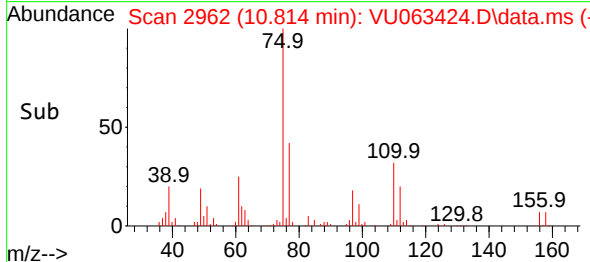
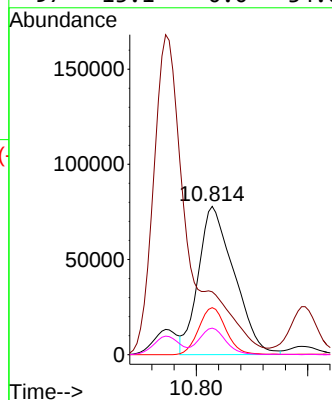
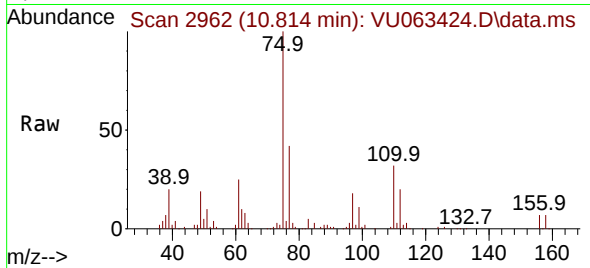




#71
1,2,3-Trichloropropane
Concen: 12.698 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

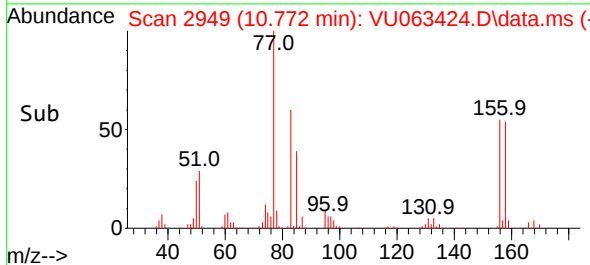
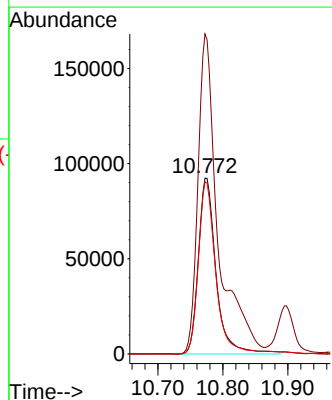
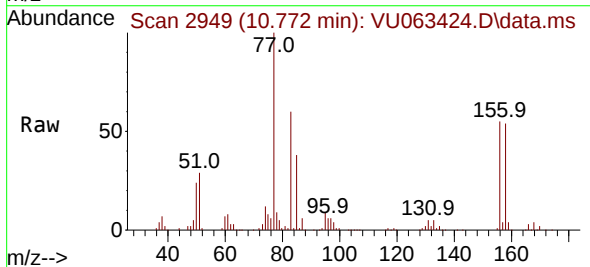
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

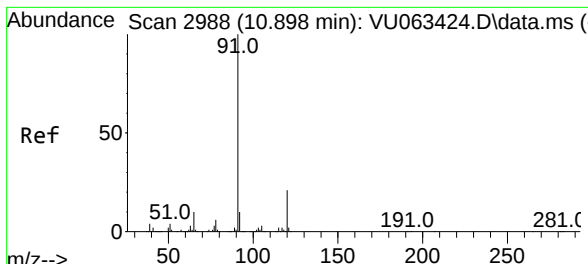
Tgt Ion: 75 Resp: 173574
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 24.5 0.0 63.4
97 13.1 0.0 34.0



#72
Bromobenzene
Concen: 11.063 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion:156 Resp: 175355
Ion Ratio Lower Upper
156 100
77 208.1 0.0 416.2
158 95.3 0.0 190.6

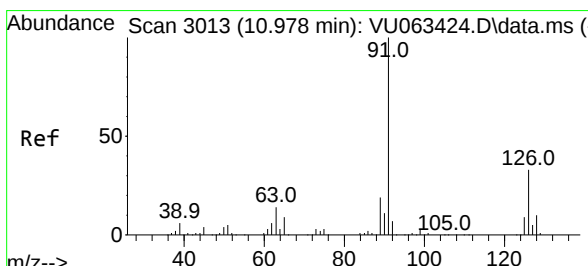
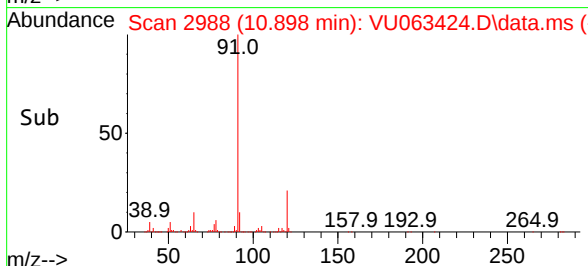
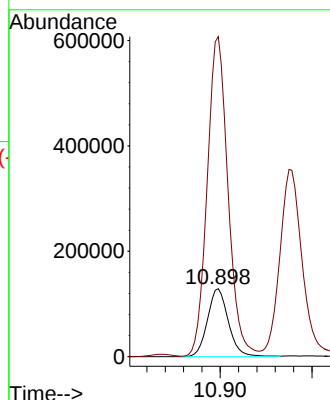
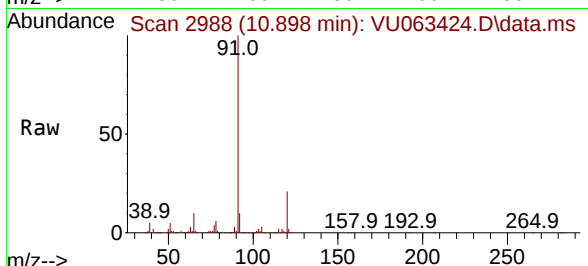




#73
n-propylbenzene
Concen: 9.993 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

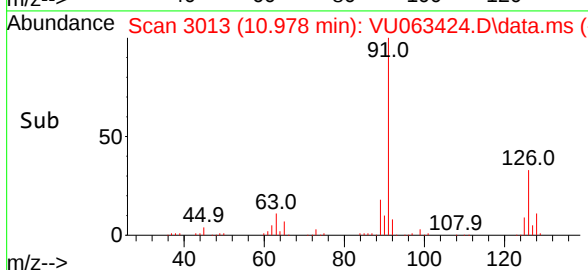
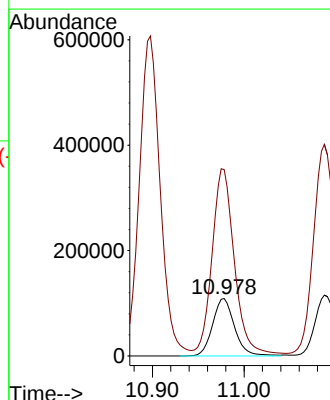
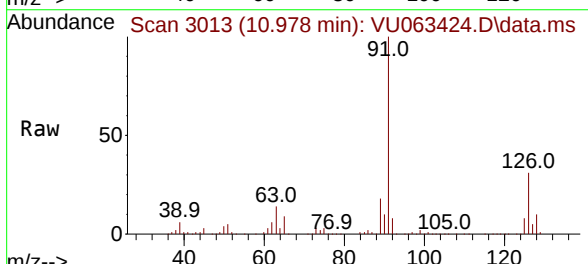
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

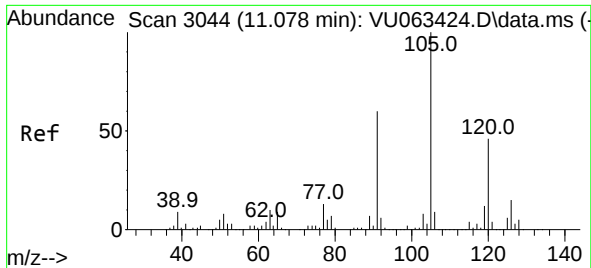
Tgt Ion:120 Resp: 204608
Ion Ratio Lower Upper
120 100
91 467.1 373.7 560.5



#74
2-Chlorotoluene
Concen: 11.583 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion:126 Resp: 181480
Ion Ratio Lower Upper
126 100
91 325.4 0.0 650.8

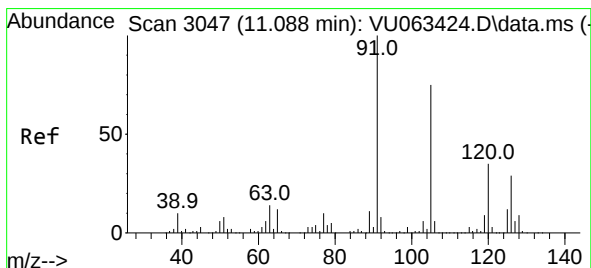
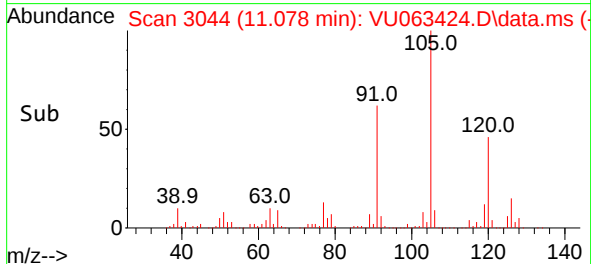
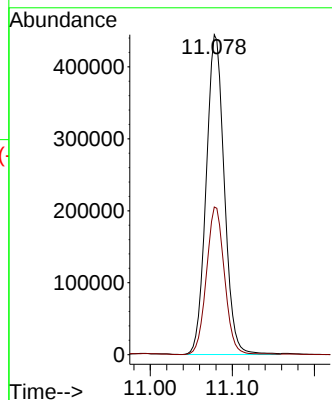
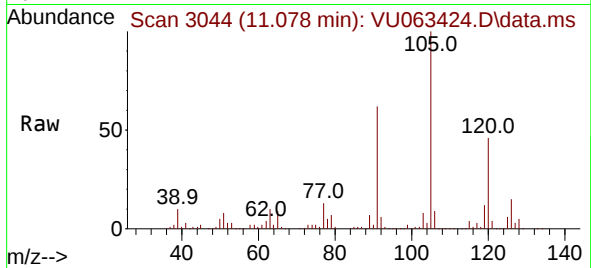




#75
1,3,5-Trimethylbenzene
Concen: 10.140 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

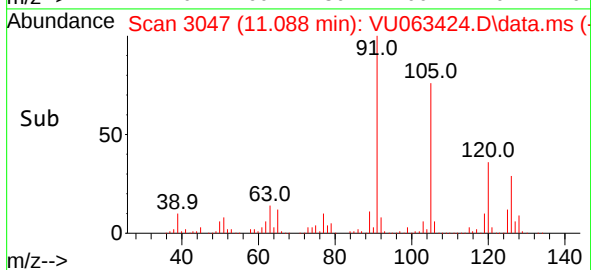
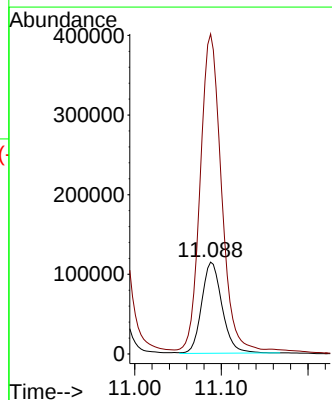
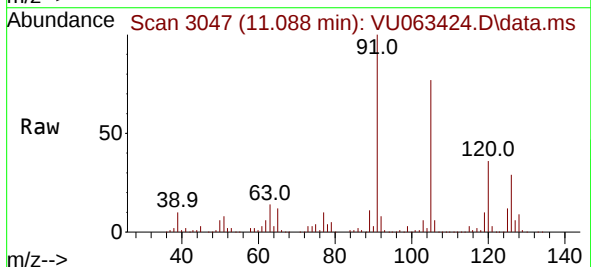
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

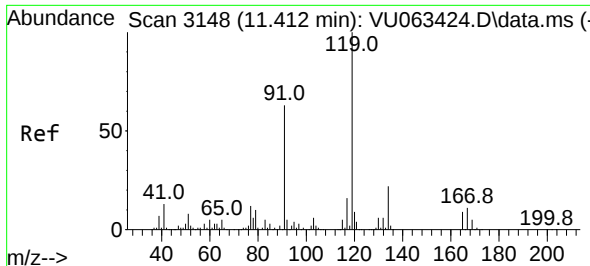
Tgt Ion:105 Resp: 682011
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.4



#76
4-Chlorotoluene
Concen: 11.380 ug/l
RT: 11.088 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion:126 Resp: 186781
Ion Ratio Lower Upper
126 100
91 356.6 0.0 713.2

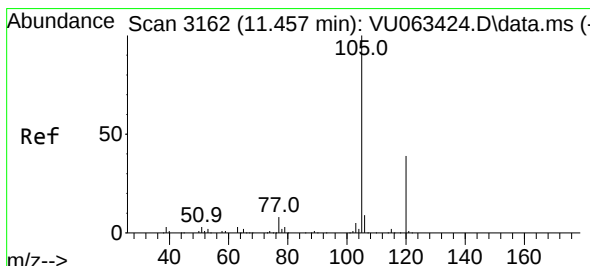
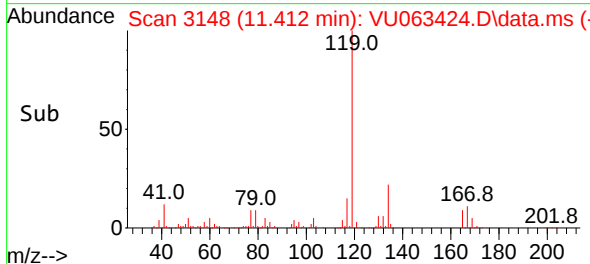
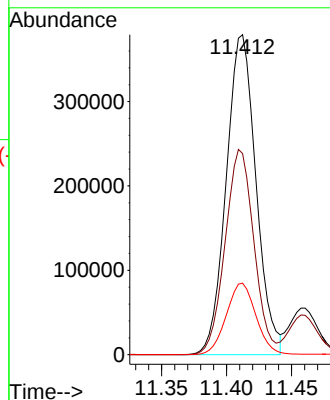
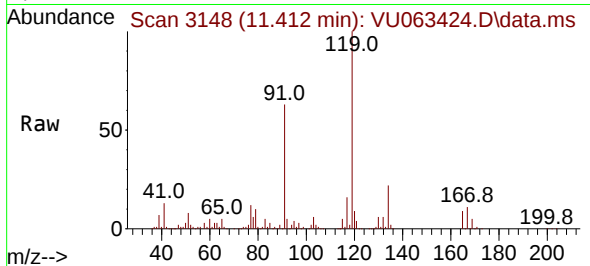




#77
tert-Butylbenzene
Concen: 11.683 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

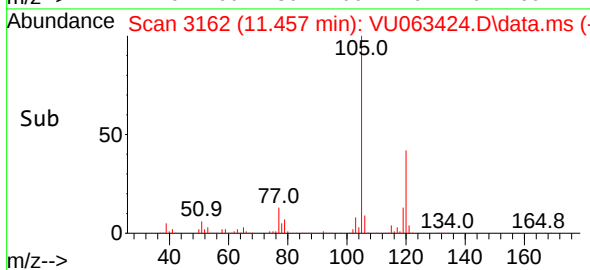
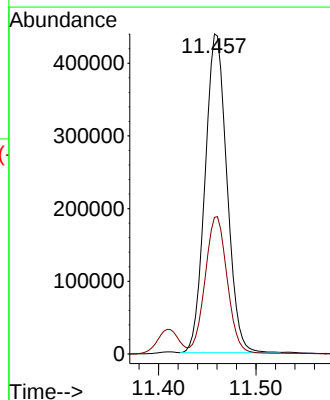
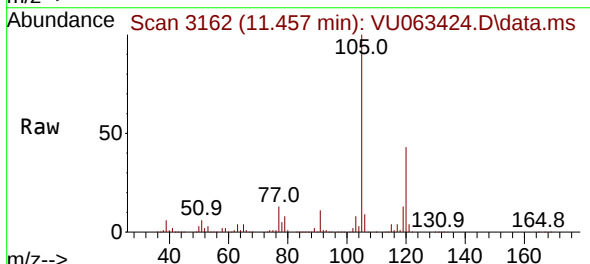
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

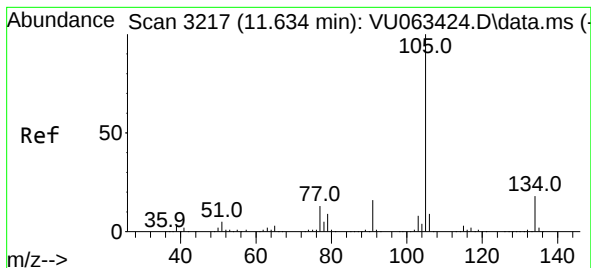
Tgt Ion:119 Resp: 606159
Ion Ratio Lower Upper
119 100
91 61.8 30.9 92.7
134 22.4 17.9 26.9



#78
1,2,4-Trimethylbenzene
Concen: 10.009 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion:105 Resp: 683754
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5





#79

sec-Butylbenzene

Concen: 11.792 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

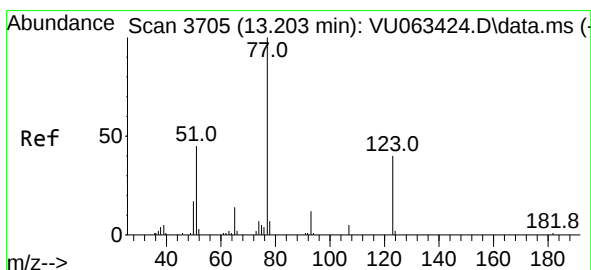
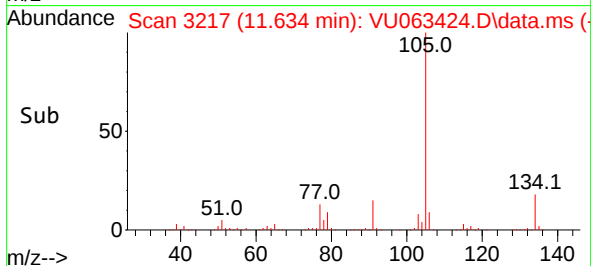
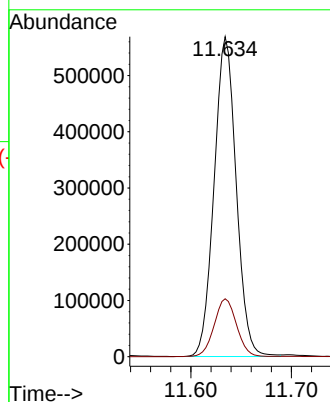
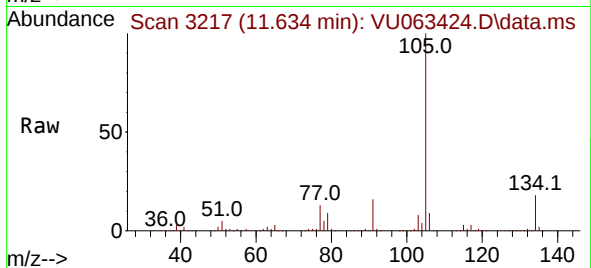
VSTDICCC010

Tgt Ion:105 Resp: 866539

Ion Ratio Lower Upper

105 100

134 18.5 14.8 22.2



#80

Nitrobenzene

Concen: 47.362 ug/l

RT: 13.203 min Scan# 3705

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

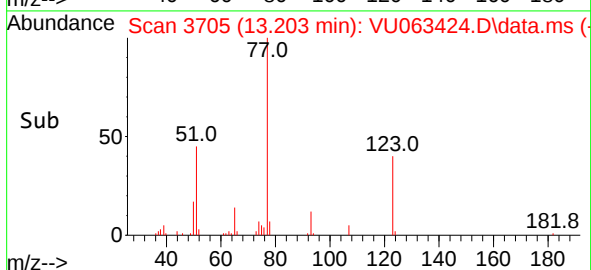
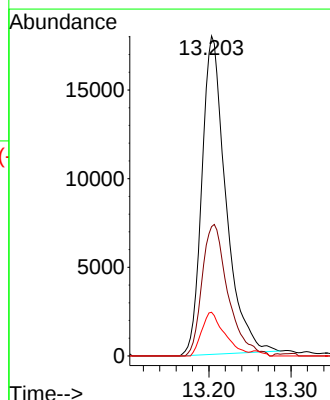
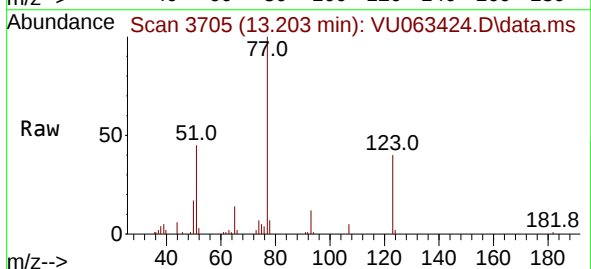
Tgt Ion: 77 Resp: 36467

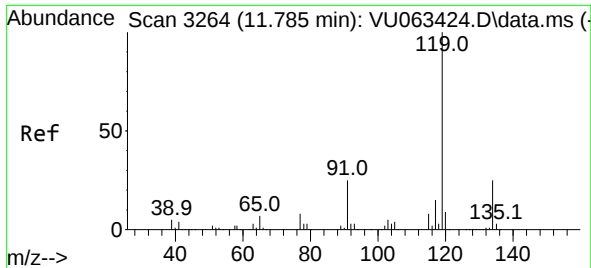
Ion Ratio Lower Upper

77 100

123 44.6 19.6 69.6

65 12.0 10.6 13.4

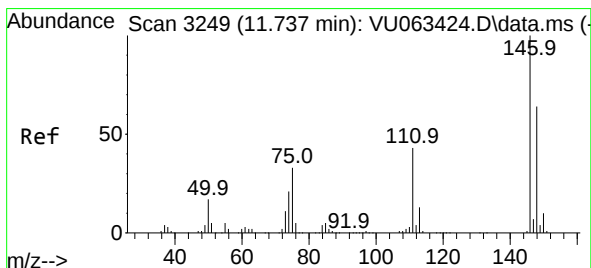
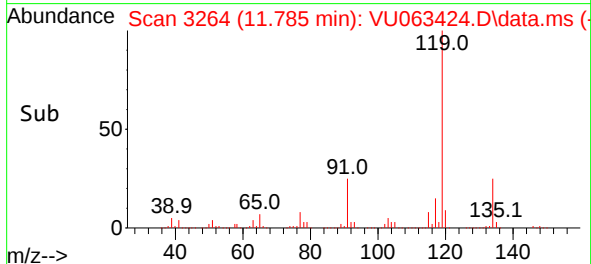
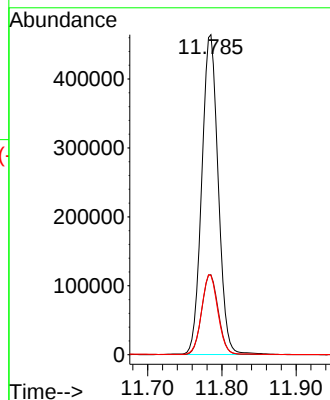
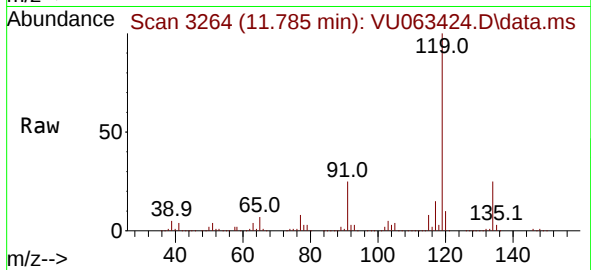




#81
p-Isopropyltoluene
Concen: 10.066 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

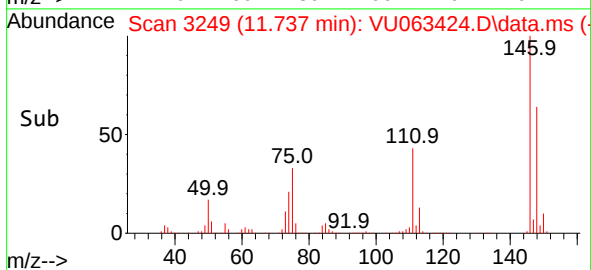
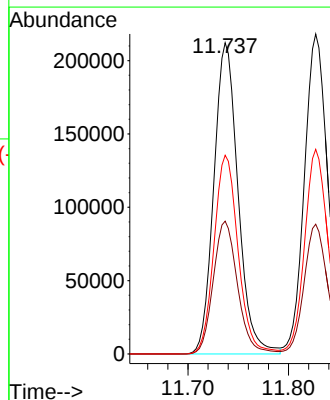
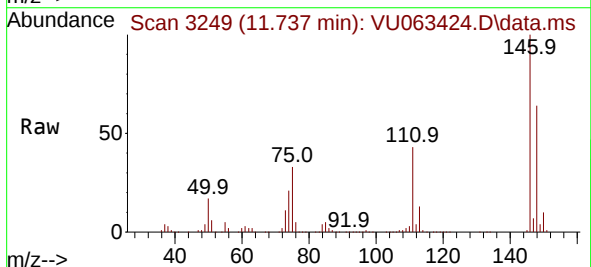
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

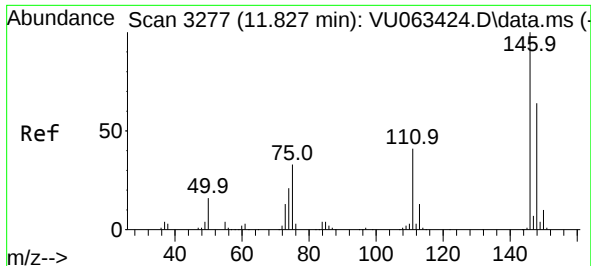
Tgt Ion:119 Resp: 711414
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.2
91 24.6 19.7 29.5



#82
1,3-Dichlorobenzene
Concen: 10.821 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion:146 Resp: 355315
Ion Ratio Lower Upper
146 100
111 42.9 34.3 51.5
148 63.7 51.0 76.4

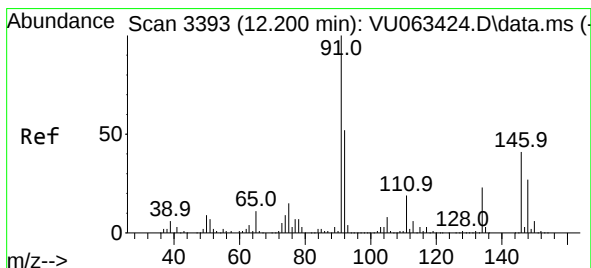
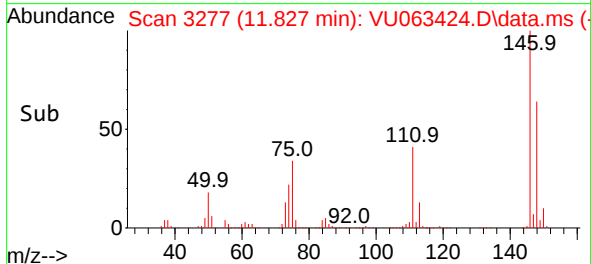
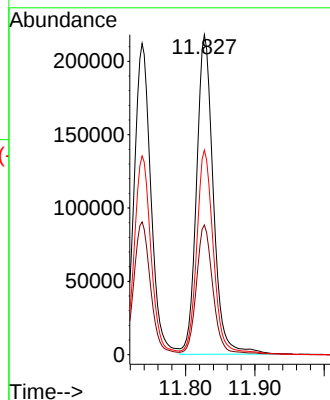
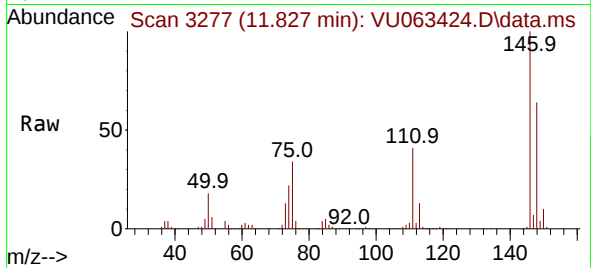




#83
1,4-Dichlorobenzene
Concen: 10.798 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

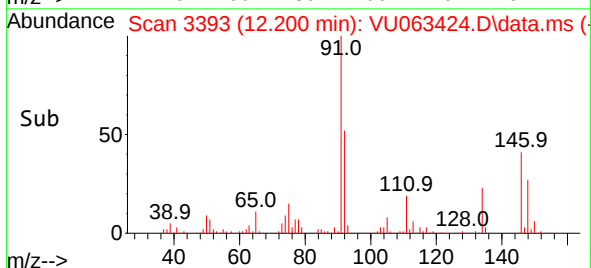
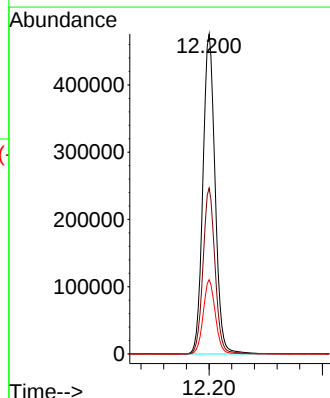
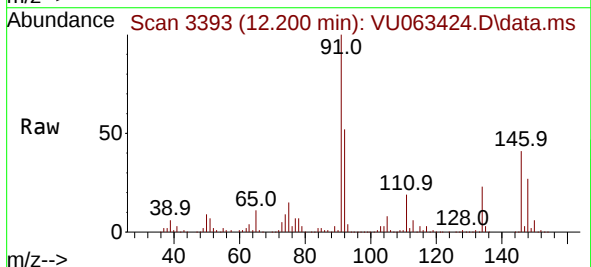
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

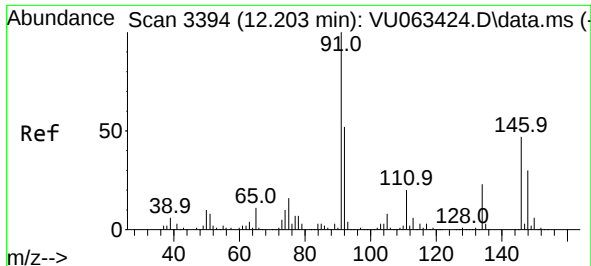
Tgt Ion:146 Resp: 367605
Ion Ratio Lower Upper
146 100
111 39.6 31.7 47.5
148 64.2 51.4 77.0



#84
n-Butylbenzene
Concen: 11.834 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 91 Resp: 711858
Ion Ratio Lower Upper
91 100
92 51.3 41.0 61.6
134 23.1 18.5 27.7

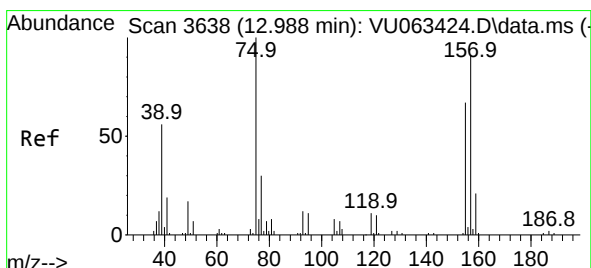
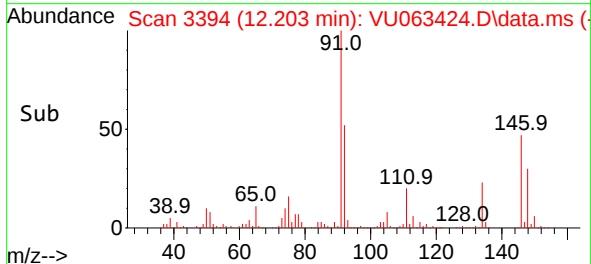
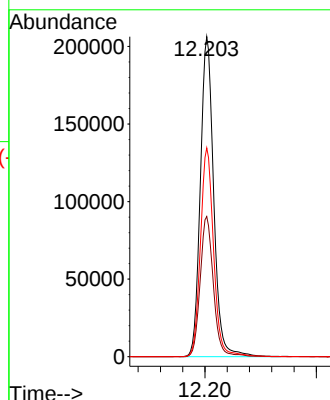
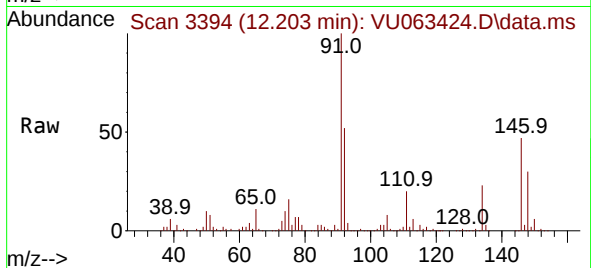




#85
1,2-Dichlorobenzene
Concen: 10.917 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

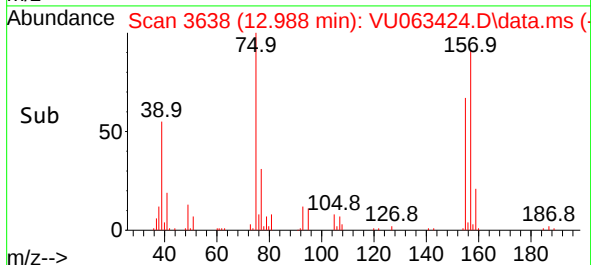
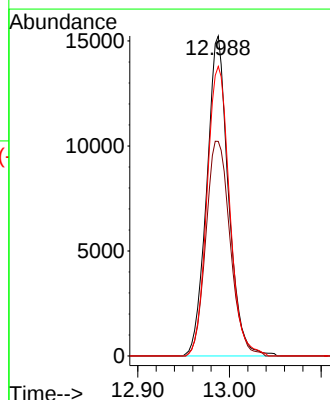
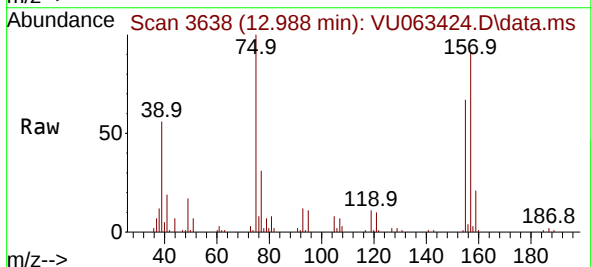
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

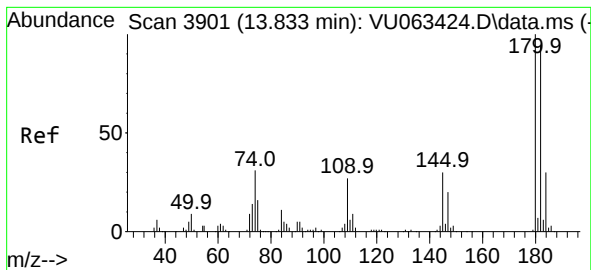
Tgt Ion:146 Resp: 343052
Ion Ratio Lower Upper
146 100
111 43.6 21.8 65.4
148 64.6 32.3 96.9



#86
1,2-Dibromo-3-Chloropropane
Concen: 11.125 ug/l
RT: 12.988 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion: 75 Resp: 25123
Ion Ratio Lower Upper
75 100
155 74.6 59.7 89.5
157 93.7 75.0 112.4





#87

1,2,4-Trichlorobenzene

Concen: 11.150 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

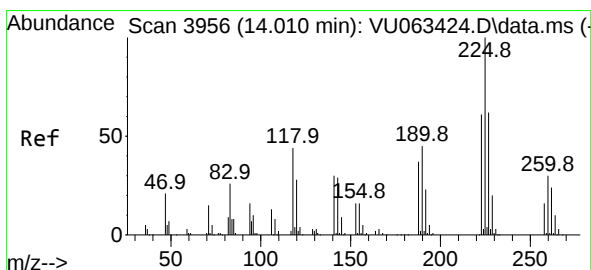
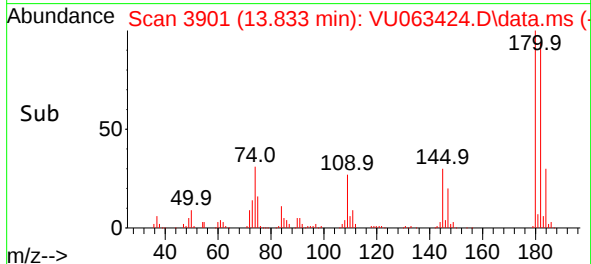
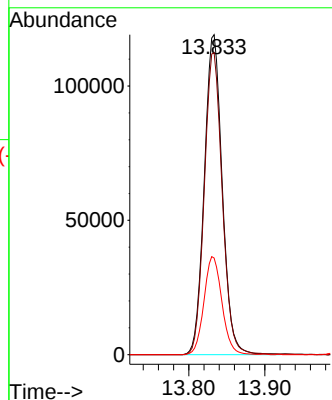
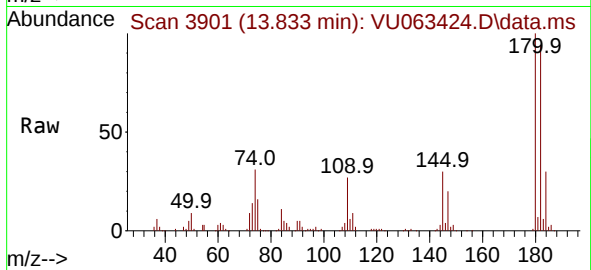
Tgt Ion:180 Resp: 195352

Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

145 30.7 24.6 36.8



#88

Hexachlorobutadiene

Concen: 10.630 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. 0.000 min

Lab File: VU063424.D

Acq: 23 Jun 2025 12:12

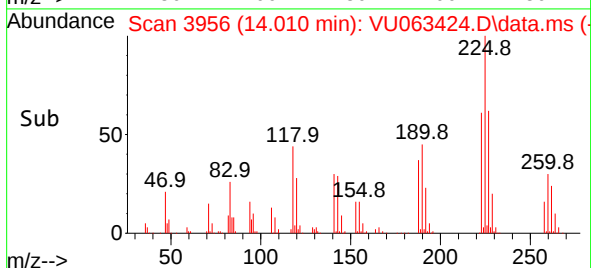
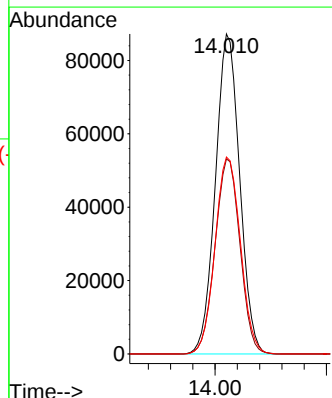
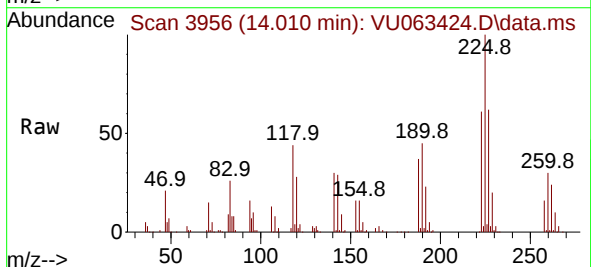
Tgt Ion:225 Resp: 132052

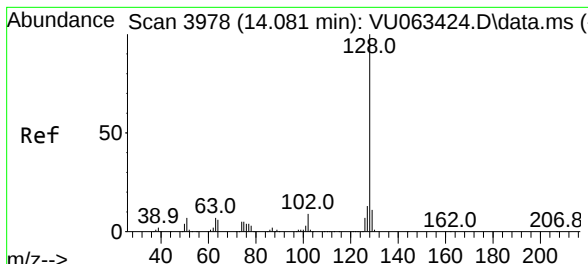
Ion Ratio Lower Upper

225 100

223 62.5 50.0 75.0

227 64.4 51.5 77.3

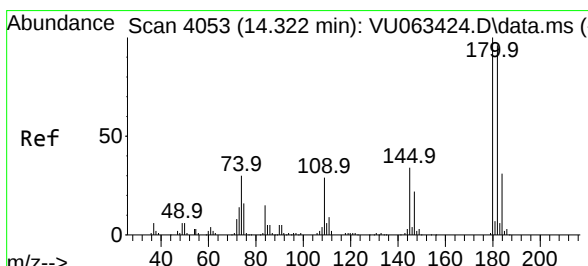
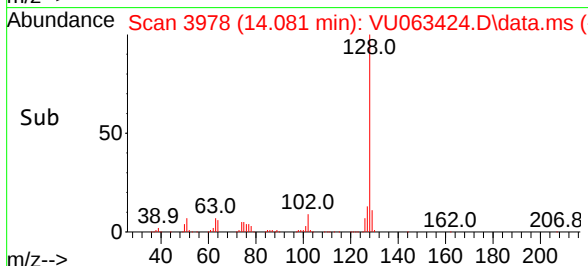
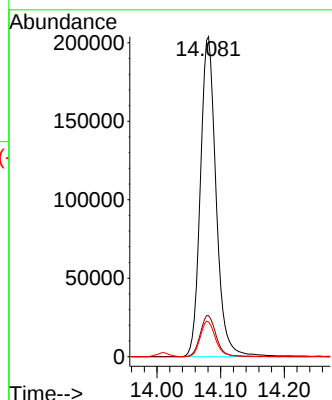
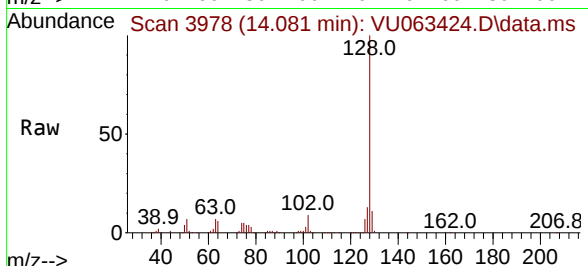




#89
Naphthalene
Concen: 9.670 ug/l
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 350002
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 11.266 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063424.D
Acq: 23 Jun 2025 12:12

Tgt Ion:180 Resp: 196276
Ion Ratio Lower Upper
180 100
182 95.9 76.7 115.1
145 34.3 27.4 41.2

