

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063438.D
 Acq On : 24 Jun 2025 14:52
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Jun 25 06:26:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	53341	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	22163	1.132	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	18922	0.962	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	209833	10.242	ug/l	99
3) Chloromethane	1.518	50	231670	8.583	ug/l	98
4) Vinyl Chloride	1.599	62	201185	8.705	ug/l	99
5) Bromomethane	1.843	94	117237	10.588	ug/l	98
6) Chloroethane	1.924	64	138941	10.150	ug/l	99
7) Trichlorofluoromethane	2.126	101	276626	10.497	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	145722	10.380	ug/l	98
9) 1,1-Dichloroethene	2.567	96	147177	10.508	ug/l	99
10) Iodomethane	2.708	142	144420	12.774	ug/l	98
11) Allyl Chloride	2.907	41	255642	10.247	ug/l	98
12) Acrylonitrile	3.303	53	87578	21.642	ug/l	99
13) Acetone	2.618	43	258906	59.271	ug/l	100
14) Carbon Disulfide	2.776	76	493433	10.103	ug/l	99
15) Methylene Chloride	3.026	84	173868	9.793	ug/l	99
16) trans-1,2-Dichloroethene	3.332	96	163610	10.382	ug/l	98
17) 1,1-Dichloroethane	3.846	63	340533	10.291	ug/l	100
18) 2-Butanone	4.718	43	326105	57.744	ug/l	99
19) Cyclohexane	5.357	56	287307	11.477	ug/l	93
20) Methylcyclohexane	6.746	83	259349	11.158	ug/l	97
21) 2,2-Dichloropropane	4.644	77	249662	10.615	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	175256	10.188	ug/l	98
23) Diethyl Ether	2.370	59	132665	10.498	ug/l	97
24) tert-Butyl Alcohol	3.197	59	139461	104.756	ug/l	100
25) Methyl tert-Butyl Ether	3.361	73	399643	10.491	ug/l	98
26) Bromochloromethane	4.956	128	68828	10.280	ug/l	97
27) Chloroform	5.071	83	317488	10.235	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	263459	10.474	ug/l	99
29) 1,1-Dichloropropene	5.502	75	251152	10.930	ug/l	97
30) Carbon Tetrachloride	5.499	117	214825	10.693	ug/l	98
31) Isopropyl Ether	3.994	45	529280	10.239	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	452865	10.336	ug/l	99
33) Tert-Amyl methyl ether	5.946	73	349325	11.138	ug/l	97
34) Propionitrile	4.779	54	81608	49.955	ug/l	97
35) Benzene	5.753	78	748092	10.763	ug/l	99
36) 1,2-Dichloroethane	5.782	62	207242	10.199	ug/l	100
37) Trichloroethene	6.528	130	172556	10.505	ug/l	97
38) 1,2-Dichloropropane	6.782	63	213308	11.111	ug/l	100
39) Methacrylonitrile	4.972	41	63362	9.323	ug/l	97
40) Methyl acrylate	4.849	55	96795	10.143	ug/l	99
41) Tetrahydrofuran	5.062	42	66555	18.203	ug/l	97
42) 1-Chlorobutane	5.438	56	339005	10.400	ug/l	97
43) Dibromomethane	6.907	93	94008	10.483	ug/l	98
44) Bromodichloromethane	7.097	83	229202	10.492	ug/l	99

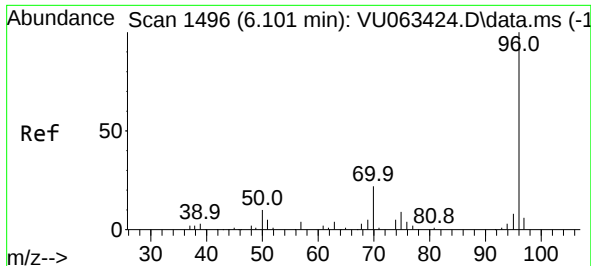
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	543153	56.422	ug/l	100
46) t-1,4-Dichloro-2-butene	10.817	75	179477	56.719	ug/l #	45
47) Methyl methacrylate	6.965	69	171205	20.044	ug/l	99
48) Ethyl methacrylate	8.332	69	155721	10.220	ug/l	97
49) Toluene	7.959	92	451765	11.839	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	191619	12.164	ug/l	99
51) cis-1,3-Dichloropropene	7.599	75	248290	11.735	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	139398	10.633	ug/l	98
53) 1,3-Dichloropropane	8.570	76	246330	10.921	ug/l	99
54) 2-Hexanone	8.685	43	415835	54.489	ug/l	100
55) Dibromochloromethane	8.801	129	147613	10.914	ug/l	99
56) 1,2-Dibromoethane	8.917	107	114510	10.775	ug/l	99
58) Tetrachloroethene	8.544	164	166740	10.348	ug/l	97
59) Chlorobenzene	9.441	112	456348	11.170	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	155870	10.600	ug/l	99
61) Pentachloroethane	11.418	117	125558	10.480	ug/l	100
62) Hexachloroethane	12.466	117	117870	10.940	ug/l	97
63) Ethyl Benzene	9.563	91	803882	12.274	ug/l	100
64) m/p-Xylenes	9.685	106	646995	20.861	ug/l	96
65) o-Xylene	10.094	106	301463	12.116	ug/l	100
66) Styrene	10.106	104	519653	10.429	ug/l	99
67) Bromoform	10.283	173	78172	10.577	ug/l	100
69) Isopropylbenzene	10.476	105	697922	12.108	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	175170	10.446	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	179477	13.105	ug/l #	88
72) Bromobenzene	10.775	156	180433	11.151	ug/l	85
73) n-propylbenzene	10.897	120	214822	10.268	ug/l	99
74) 2-Chlorotoluene	10.978	126	188995	11.816	ug/l	94
75) 1,3,5-Trimethylbenzene	11.077	105	721081	10.489	ug/l	100
76) 4-Chlorotoluene	11.090	126	193438	11.546	ug/l	88
77) tert-Butylbenzene	11.412	119	634583	11.982	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	731031	10.463	ug/l	100
79) sec-Butylbenzene	11.634	105	912528	12.165	ug/l	100
80) Nitrobenzene	13.203	77	36651	46.523	ug/l	97
81) p-Isopropyltoluene	11.785	119	746437	10.335	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	369781	11.032	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	381773	10.978	ug/l	99
84) n-Butylbenzene	12.200	91	746455	12.157	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	355596	11.085	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	25805	11.194	ug/l	97
87) 1,2,4-Trichlorobenzene	13.833	180	199472	11.153	ug/l	99
88) Hexachlorobutadiene	14.013	225	137762	10.864	ug/l	98
89) Naphthalene	14.081	128	343003	9.319	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	200460	11.272	ug/l	99

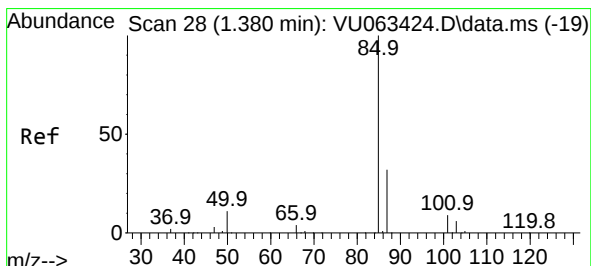
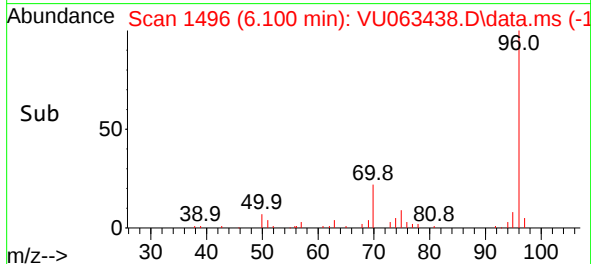
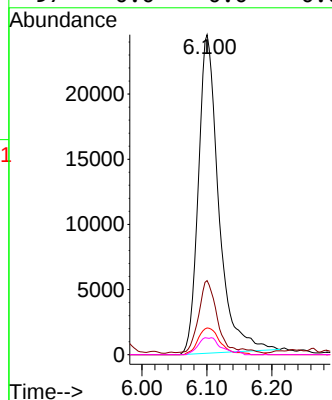
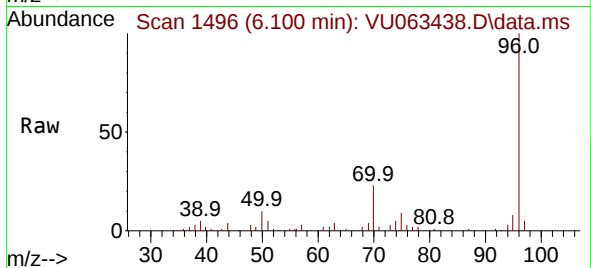
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 14
Delta R.T. -0.001 min
Lab File: VU063438.D
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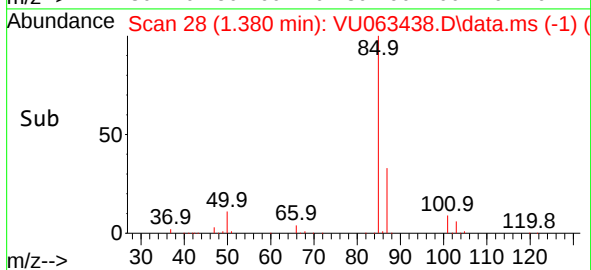
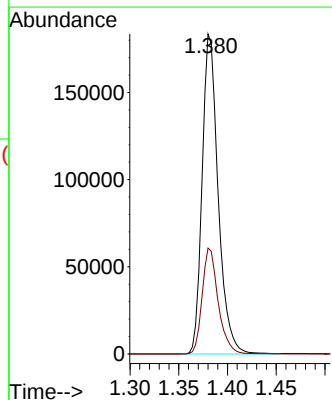
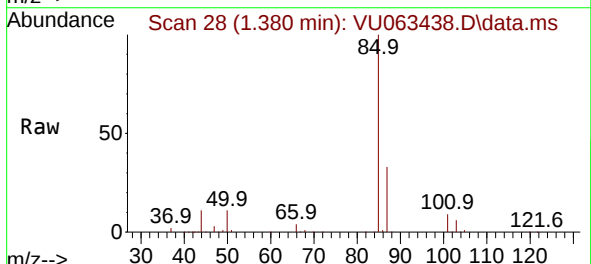
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

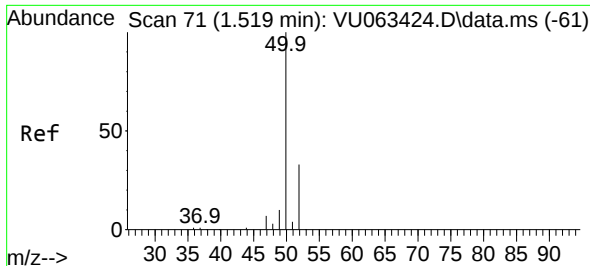
Tgt Ion: 96	Resp: 53341
Ion Ratio	Lower Upper
96 100	
70 18.8	16.4 24.6
95 9.2	6.2 9.2
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 10.242 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 85	Resp: 209833
Ion Ratio	Lower Upper
85 100	
87 33.1	16.2 48.5

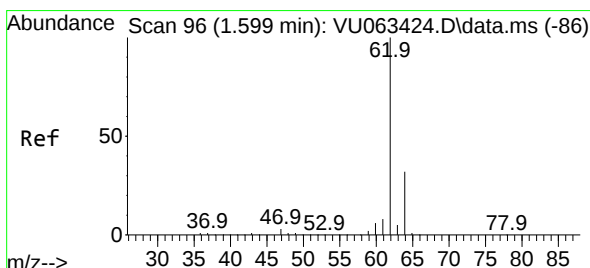
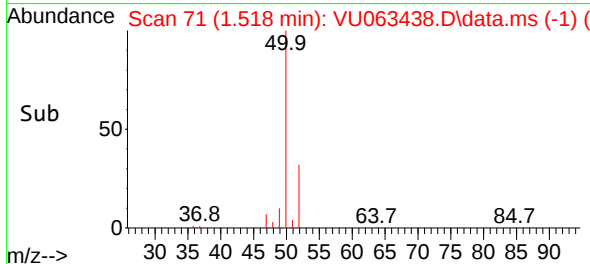
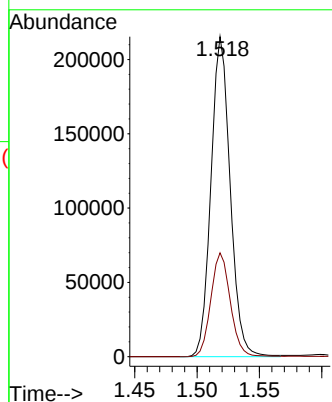
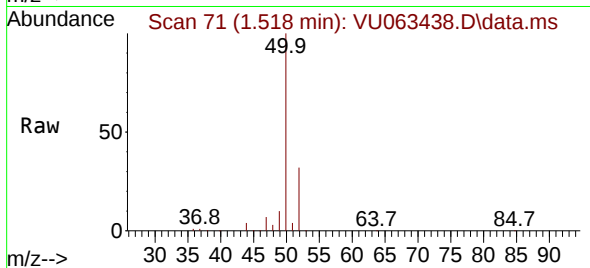




#3
Chloromethane
Concen: 8.583 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

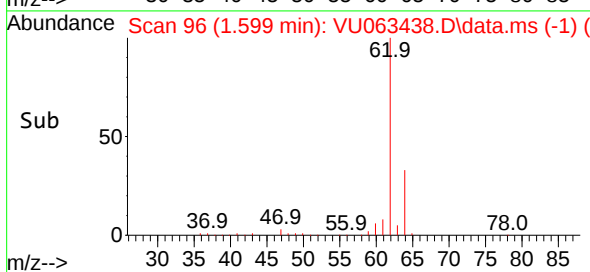
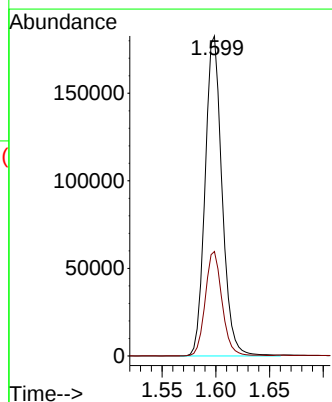
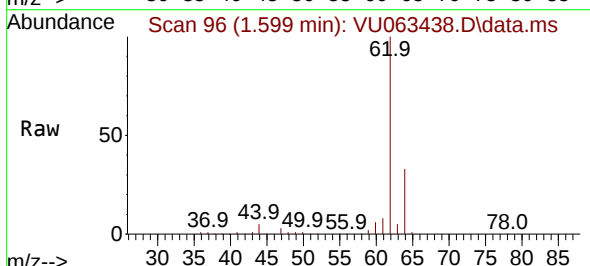
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MSVOA_U
ClientSampleId :
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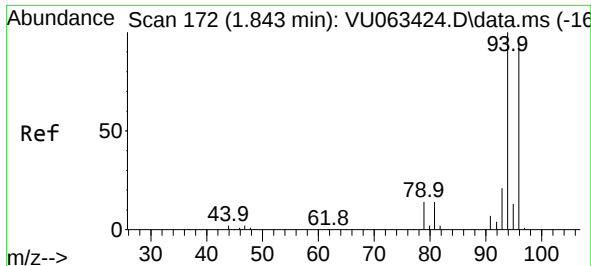
Tgt Ion: 50 Resp: 231670
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0



#4
Vinyl Chloride
Concen: 8.705 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 62 Resp: 201185
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5

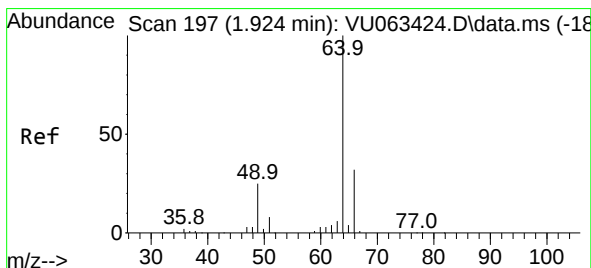
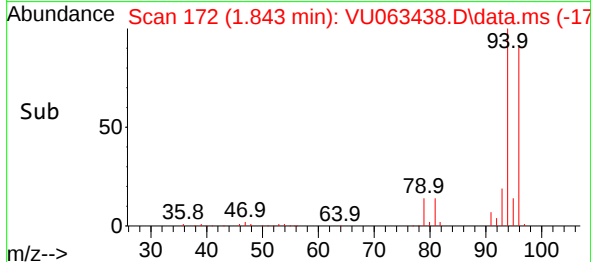
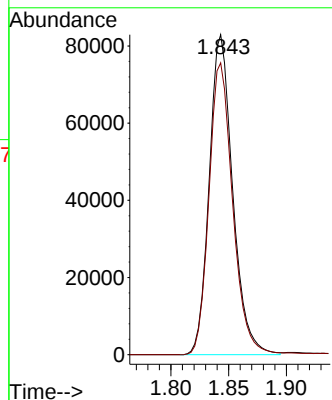
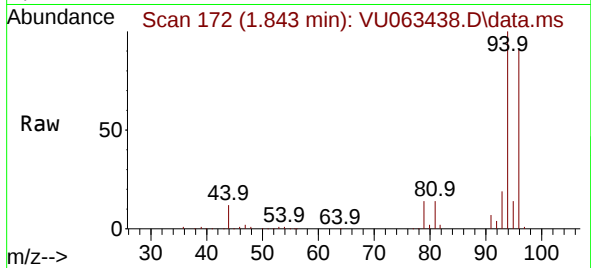




#5
Bromomethane
Concen: 10.588 ug/l
RT: 1.843 min Scan# 172
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

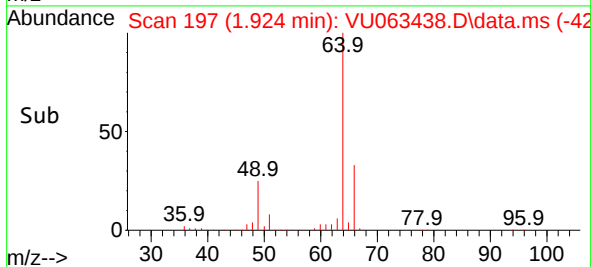
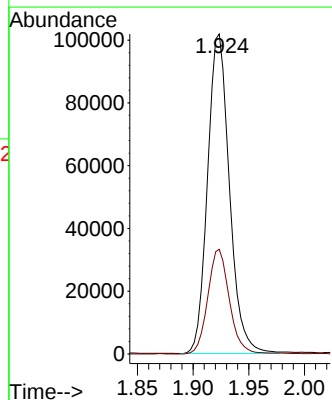
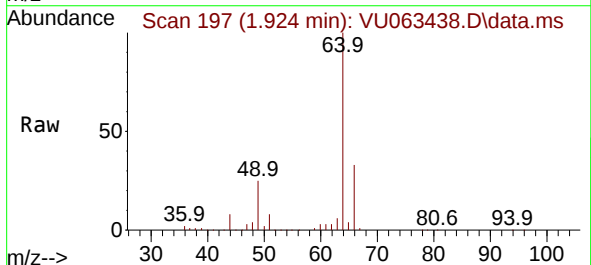
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ClientSampleId :
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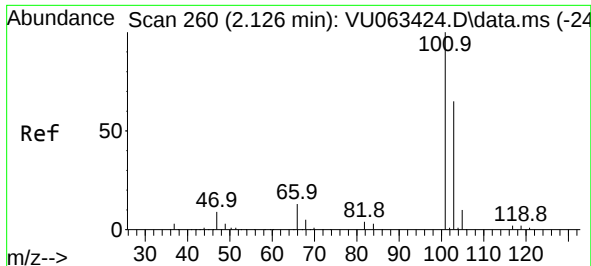
Tgt Ion: 94 Resp: 117237
Ion Ratio Lower Upper
94 100
96 91.2 74.8 112.2



#6
Chloroethane
Concen: 10.150 ug/l
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 64 Resp: 138941
Ion Ratio Lower Upper
64 100
66 32.8 25.7 38.5

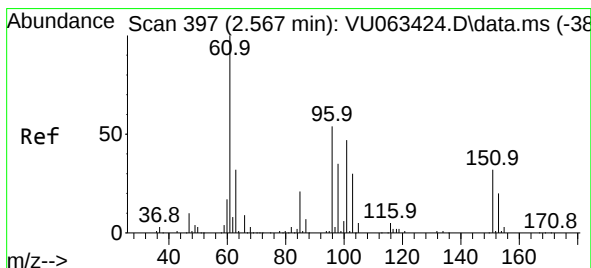
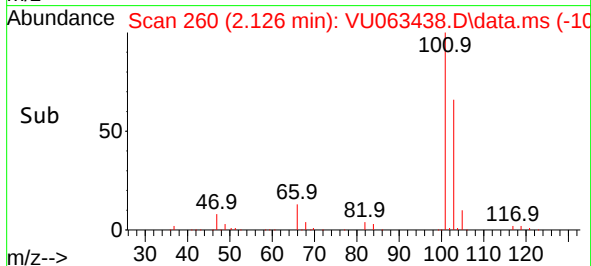
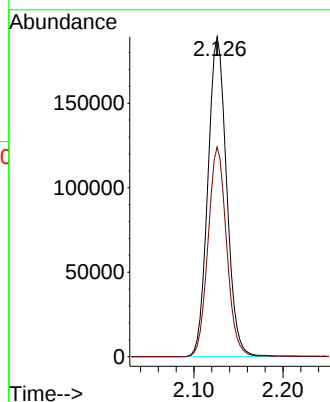
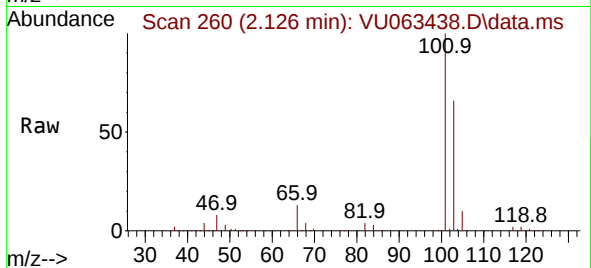




#7
 Trichlorofluoromethane
 Concen: 10.497 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

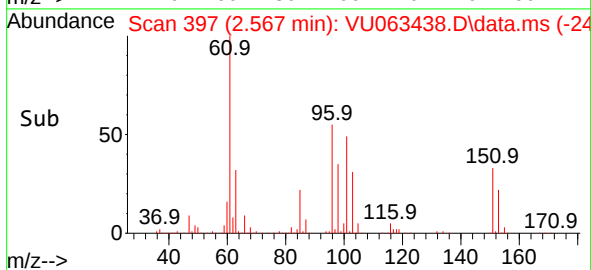
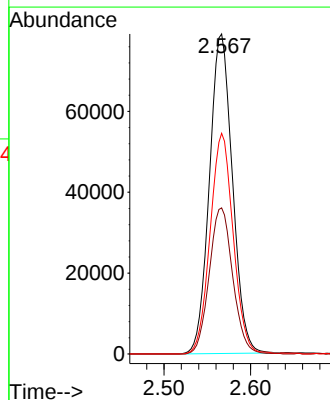
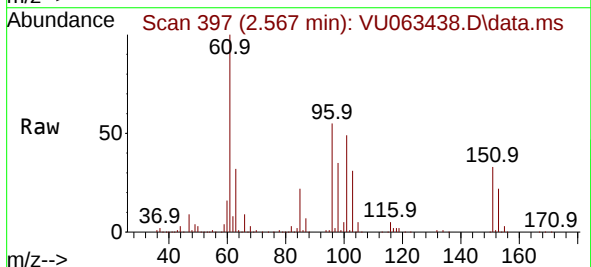
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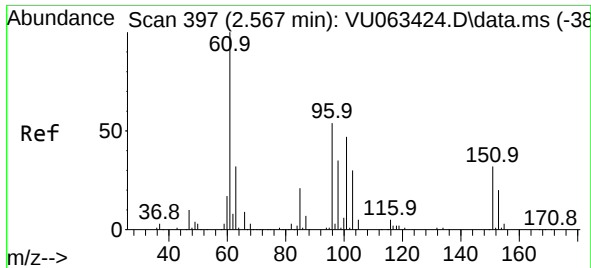
Tgt Ion:101 Resp: 276626
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.380 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

Tgt Ion:101 Resp: 145722
 Ion Ratio Lower Upper
 101 100
 85 46.7 36.7 55.1
 151 69.7 53.9 80.9

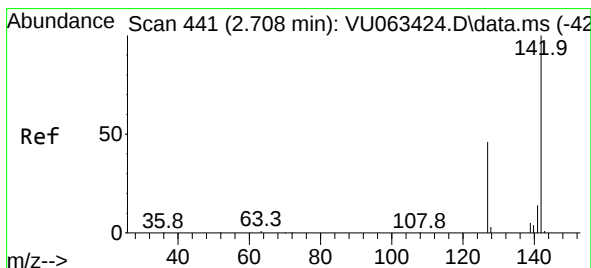
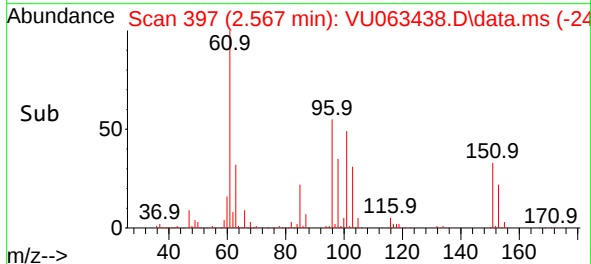
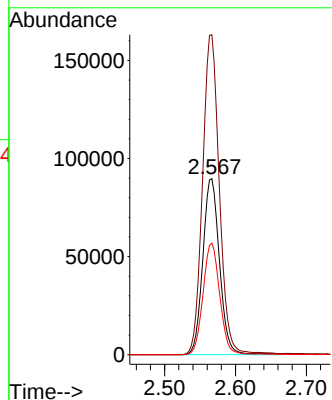
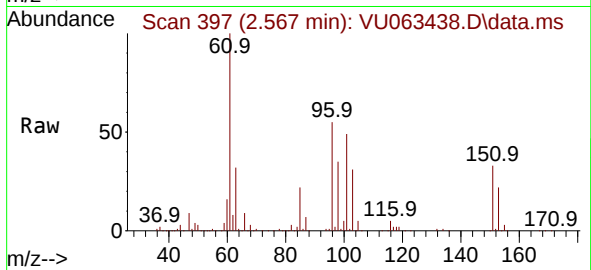




#9
1,1-Dichloroethene
Concen: 10.508 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

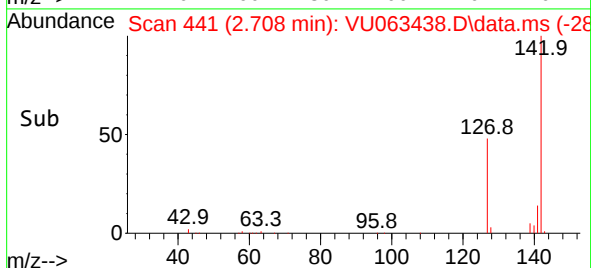
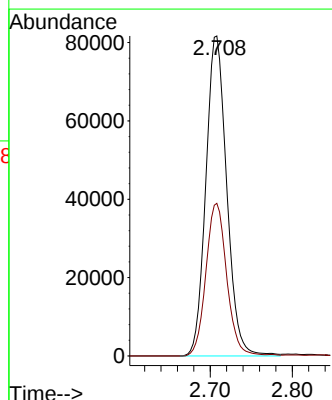
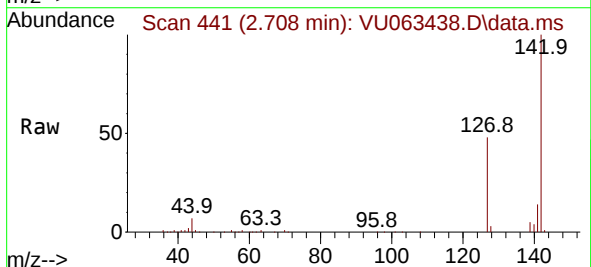
Instrument :
MSVOA_U
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VSTDCCC010

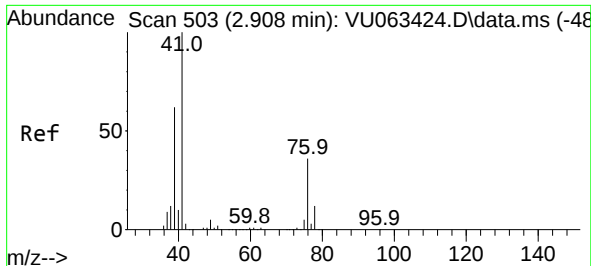
Tgt Ion: 96 Resp: 147177
Ion Ratio Lower Upper
96 100
61 181.8 0.0 552.0
98 63.3 0.0 128.4



#10
Iodomethane
Concen: 12.774 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion:142 Resp: 144420
Ion Ratio Lower Upper
142 100
127 47.5 36.9 55.3





#11

Allyl Chloride

Concen: 10.247 ug/l

RT: 2.907 min Scan# 503

Delta R.T. -0.001 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

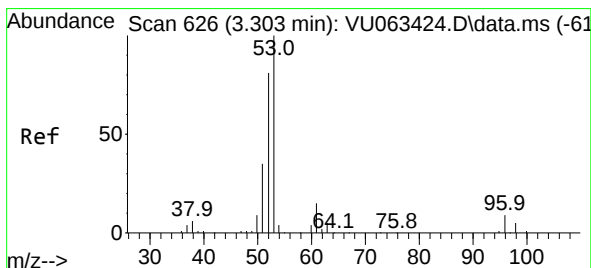
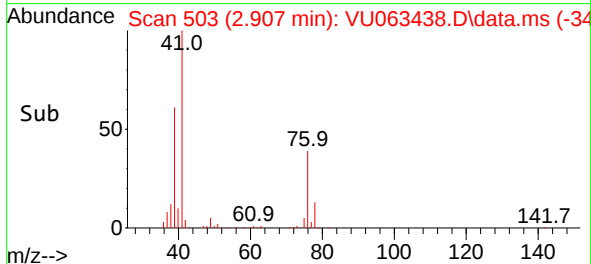
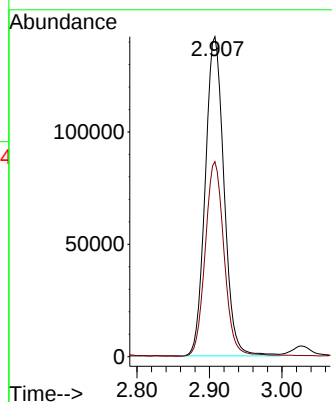
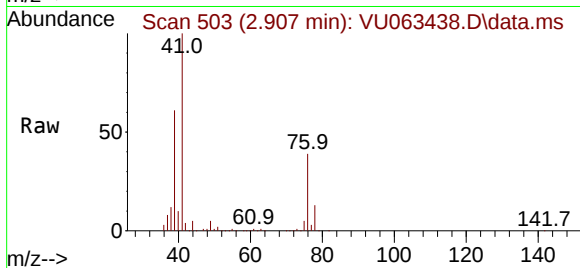
VSTDCCC010

Tgt Ion: 41 Resp: 255642

Ion Ratio Lower Upper

41 100

39 61.7 50.3 75.5



#12

Acrylonitrile

Concen: 21.642 ug/l

RT: 3.303 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

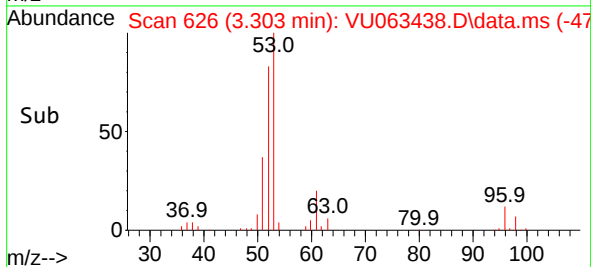
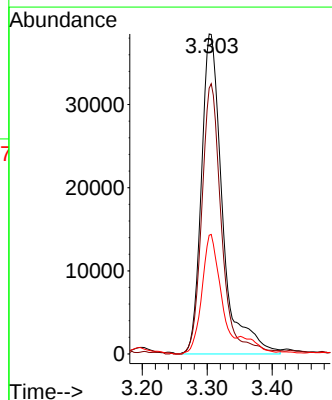
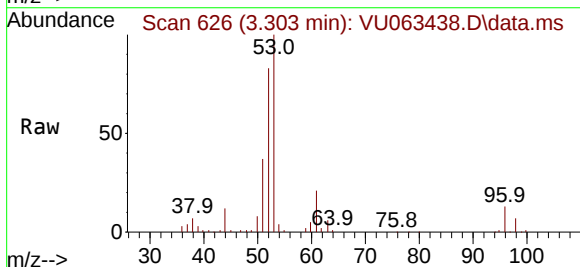
Tgt Ion: 53 Resp: 87578

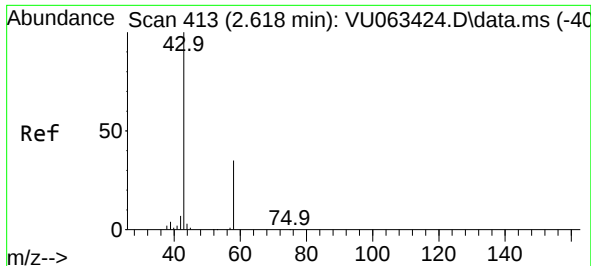
Ion Ratio Lower Upper

53 100

52 78.9 62.8 94.2

51 33.3 26.2 39.4





#13

Acetone

Concen: 59.271 ug/l

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

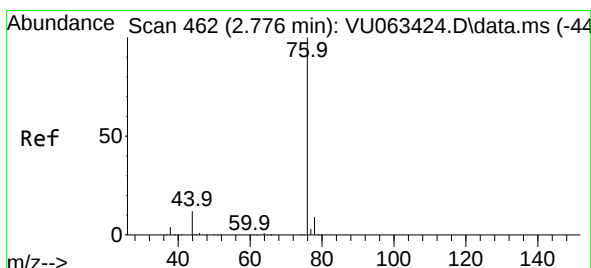
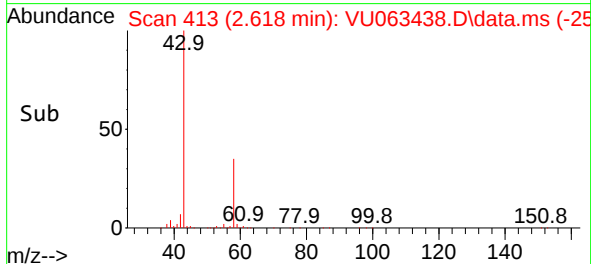
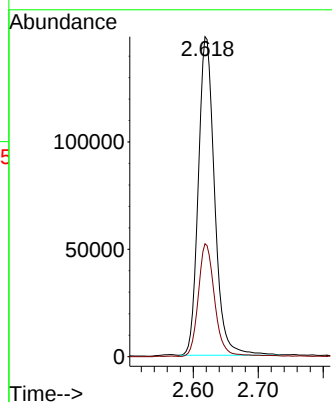
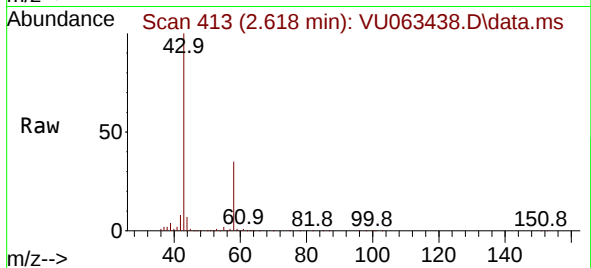
VSTDCCC010

Tgt Ion: 43 Resp: 258906

Ion Ratio Lower Upper

43 100

58 35.4 28.3 42.5



#14

Carbon Disulfide

Concen: 10.103 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063438.D

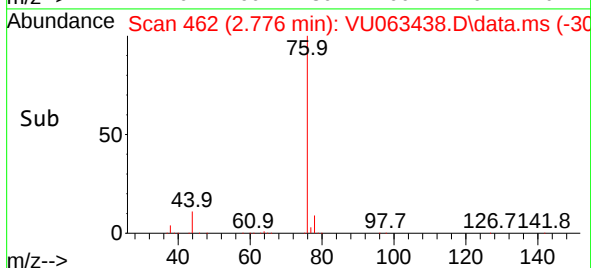
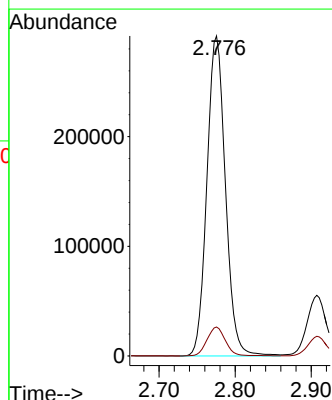
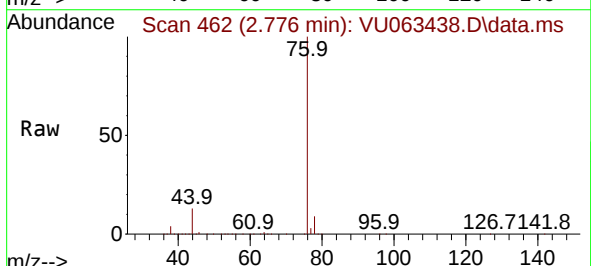
Acq: 24 Jun 2025 14:52

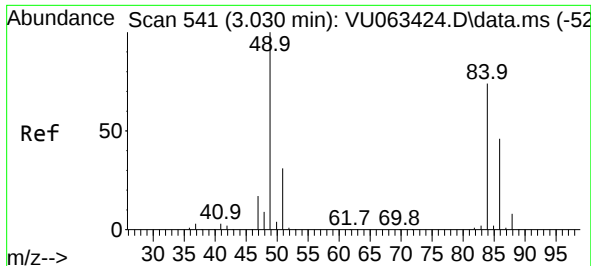
Tgt Ion: 76 Resp: 493433

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3



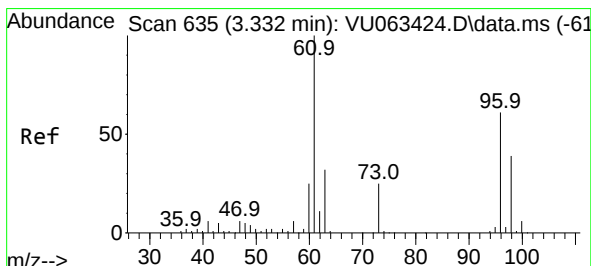
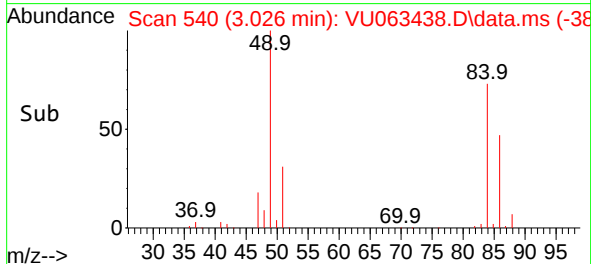
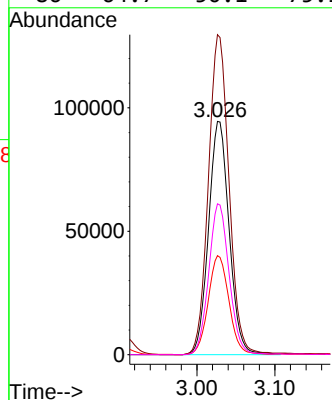
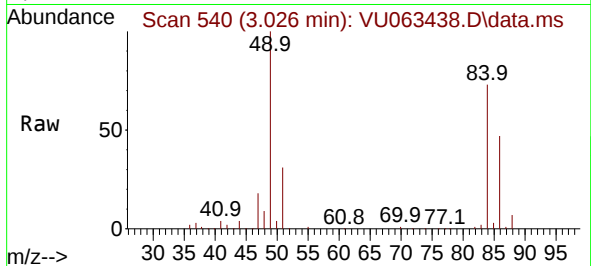


#15
Methylene Chloride
Concen: 9.793 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.004 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 84 Resp: 173868

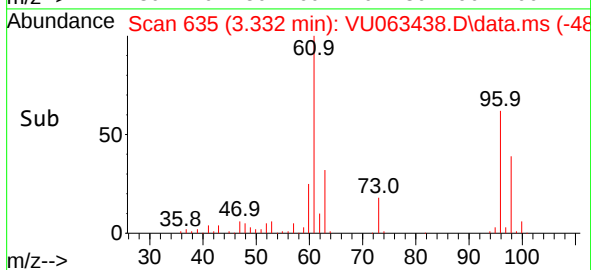
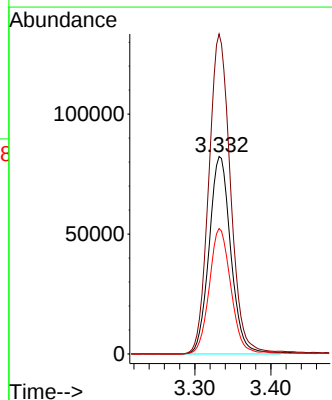
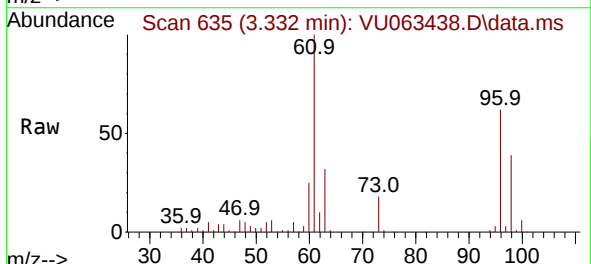
Ion	Ratio	Lower	Upper
84	100		
49	137.2	108.7	163.1
51	42.5	0.0	83.8
86	64.7	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 10.382 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 96 Resp: 163610

Ion	Ratio	Lower	Upper
96	100		
61	162.0	132.1	198.1
98	63.5	51.0	76.4

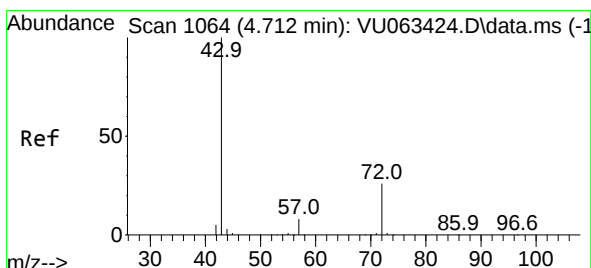
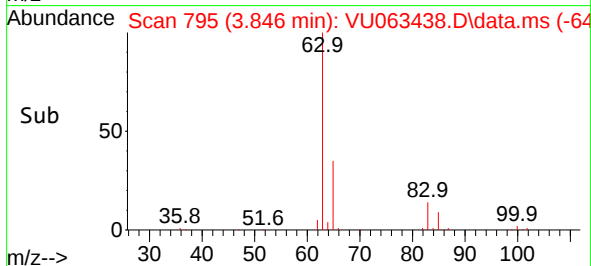
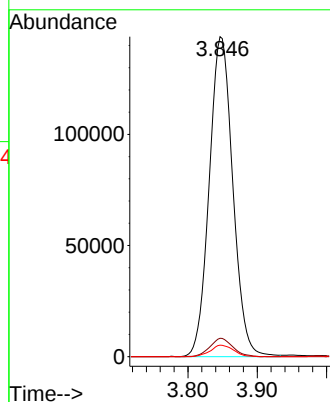
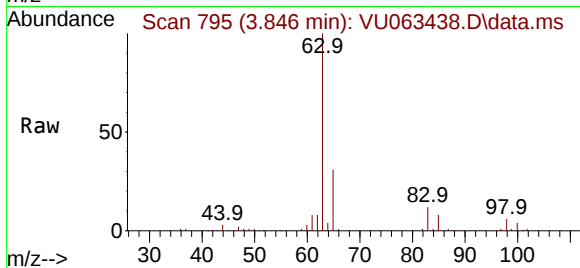




#17
 1,1-Dichloroethane
 Concen: 10.291 ug/l
 RT: 3.846 min Scan# 796
 Delta R.T. -0.004 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

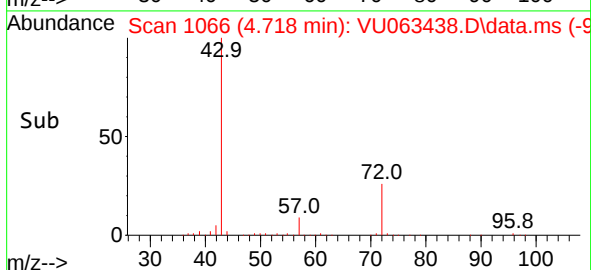
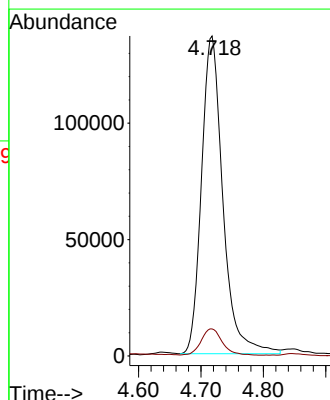
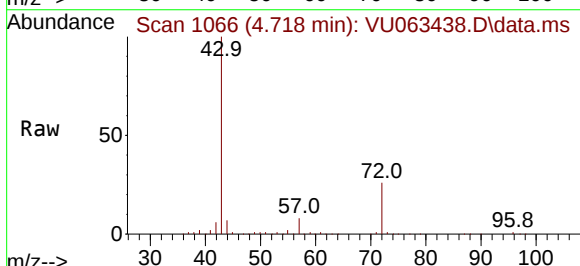
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

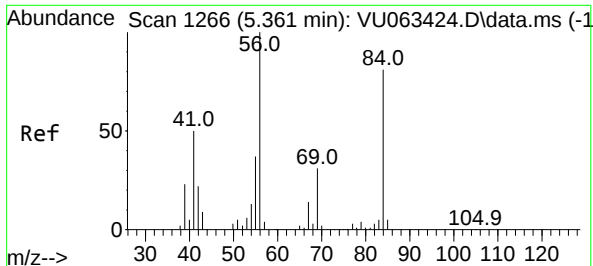
Tgt Ion: 63 Resp: 340533
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.8 8.4
 100 3.6 1.9 5.7



#18
 2-Butanone
 Concen: 57.744 ug/l
 RT: 4.718 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

Tgt Ion: 43 Resp: 326105
 Ion Ratio Lower Upper
 43 100
 57 8.3 0.0 16.0





#19

Cyclohexane

Concen: 11.477 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.004 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

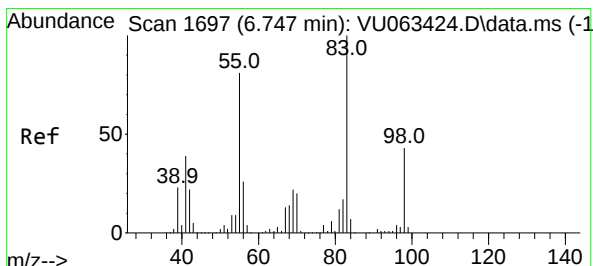
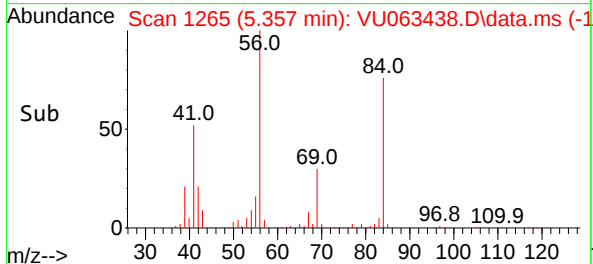
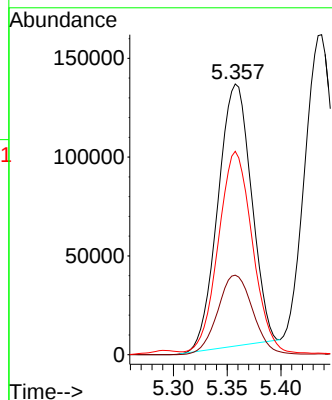
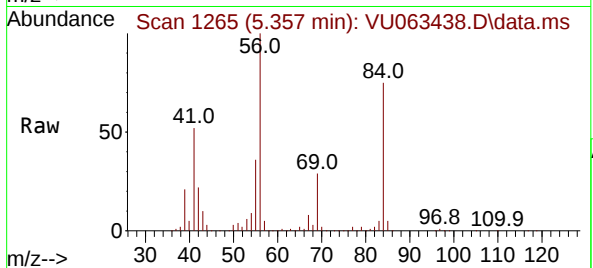
Tgt Ion: 56 Resp: 287307

Ion Ratio Lower Upper

56 100

69 31.6 26.4 39.6

84 77.7 68.6 102.8



#20

Methylcyclohexane

Concen: 11.158 ug/l

RT: 6.746 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

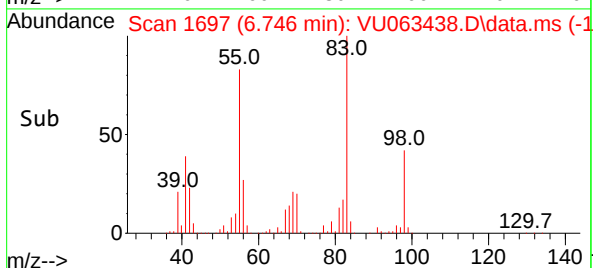
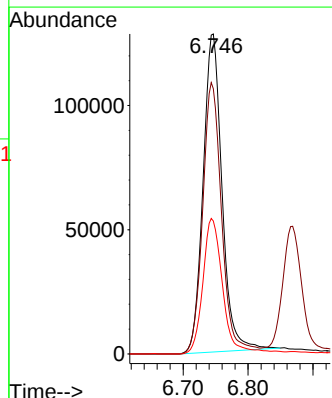
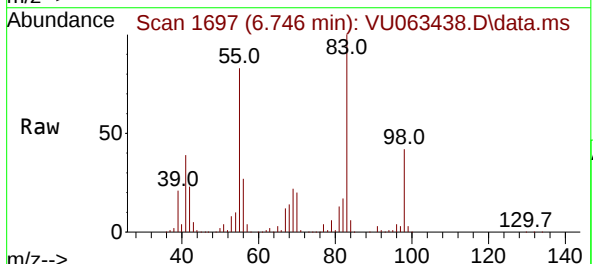
Tgt Ion: 83 Resp: 259349

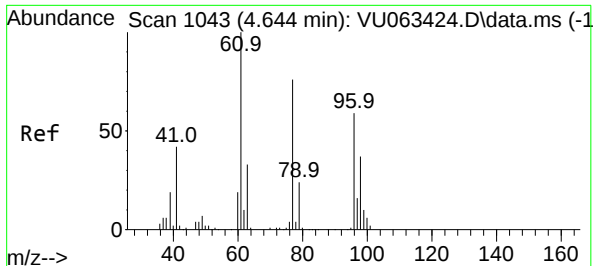
Ion Ratio Lower Upper

83 100

55 82.9 63.5 95.3

98 43.0 34.2 51.4





#21

2,2-Dichloropropane

Concen: 10.615 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

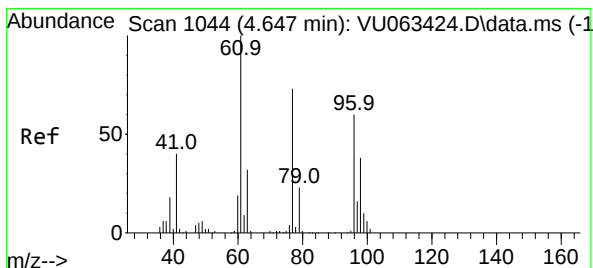
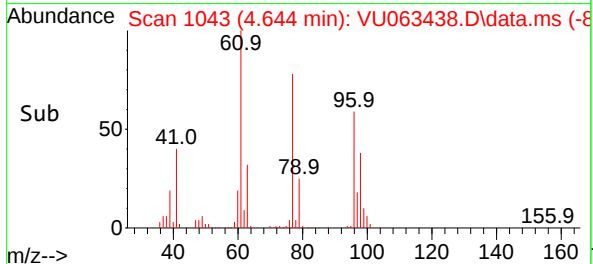
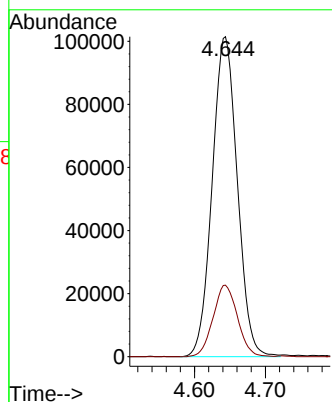
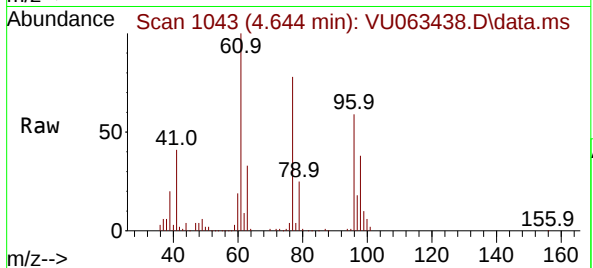
VSTDCCC010

Tgt Ion: 77 Resp: 249662

Ion Ratio Lower Upper

77 100

97 21.8 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 10.188 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

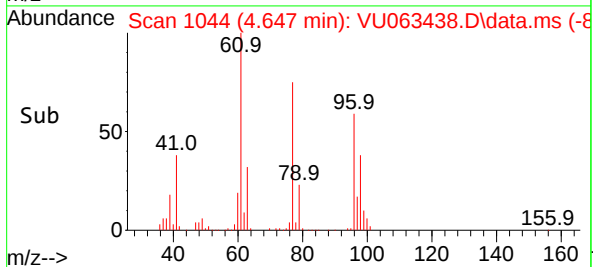
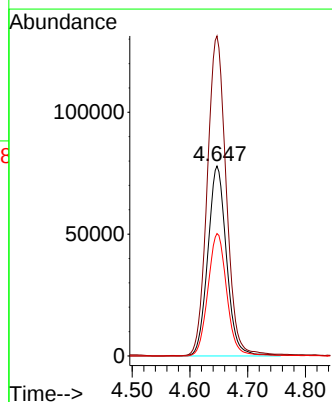
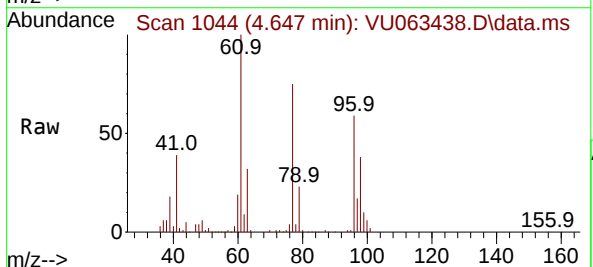
Tgt Ion: 96 Resp: 175256

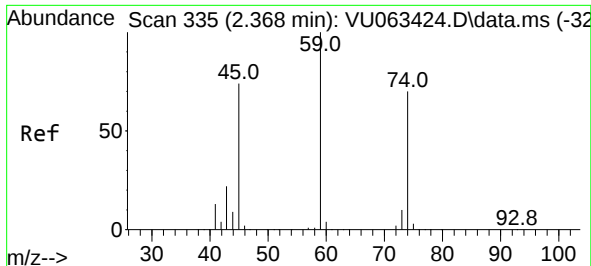
Ion Ratio Lower Upper

96 100

61 171.1 0.0 434.3

98 64.8 31.9 95.7

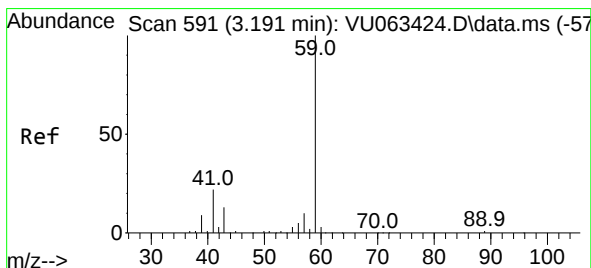
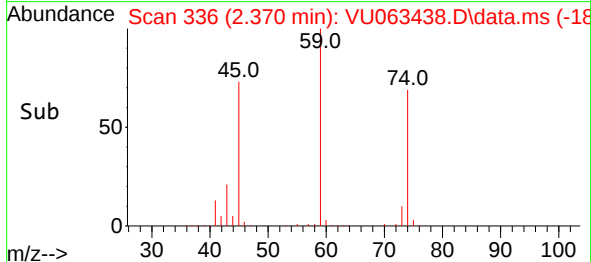
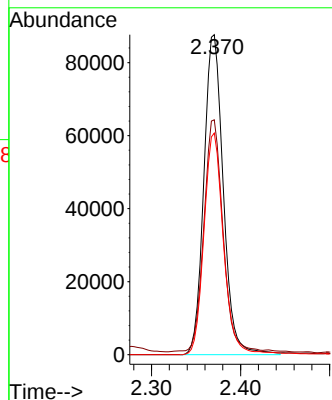
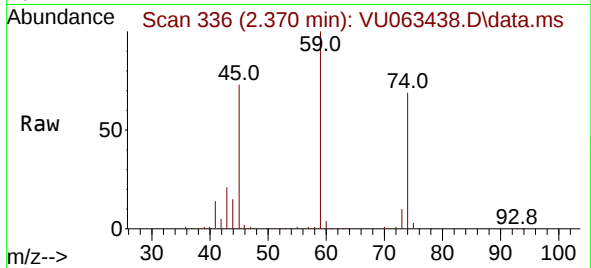




#23
Diethyl Ether
Concen: 10.498 ug/l
RT: 2.370 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

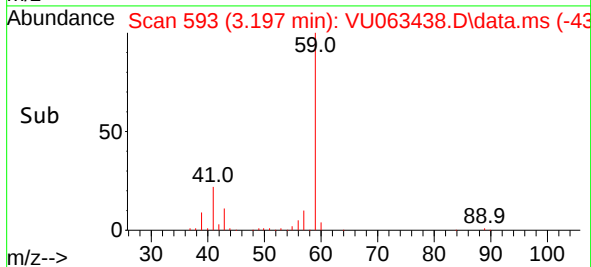
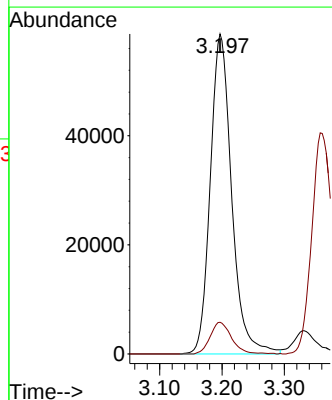
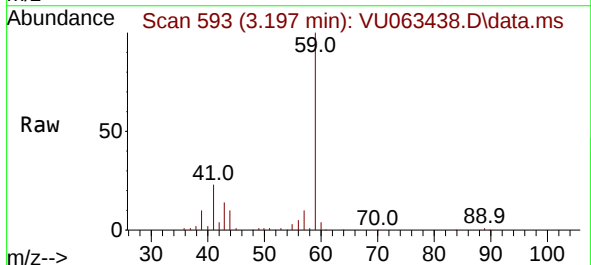
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

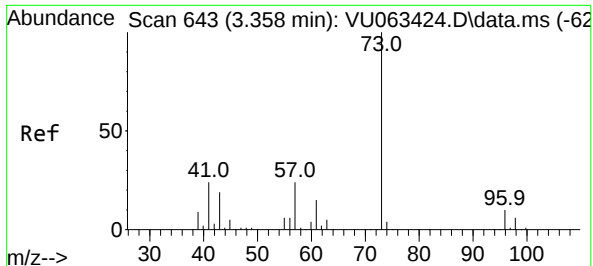
Tgt Ion: 59 Resp: 132665
Ion Ratio Lower Upper
59 100
45 71.6 60.7 91.1
74 69.8 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 104.756 ug/l
RT: 3.197 min Scan# 593
Delta R.T. 0.006 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 59 Resp: 139461
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8

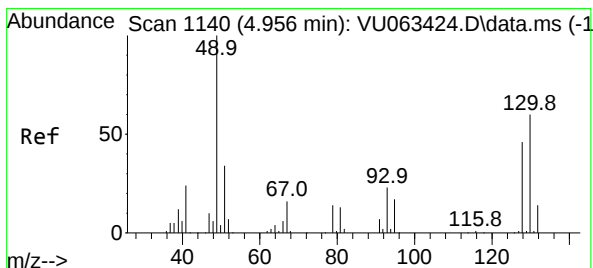
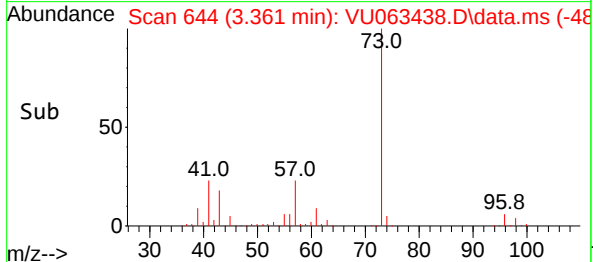
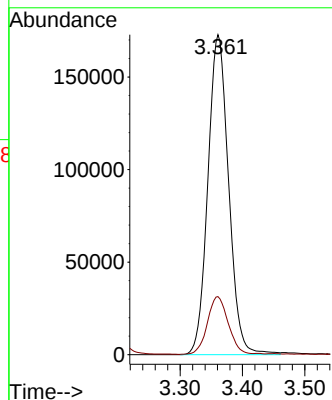
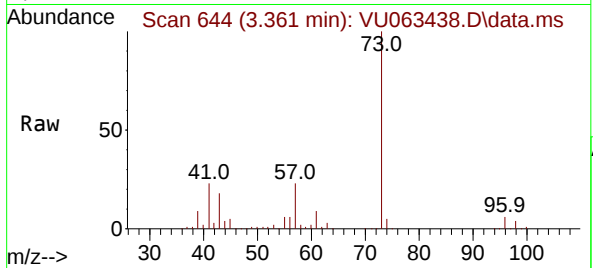




#25
Methyl tert-Butyl Ether
Concen: 10.491 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

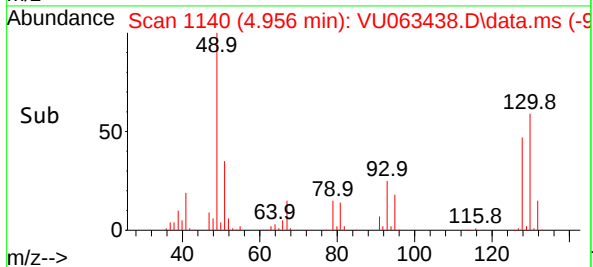
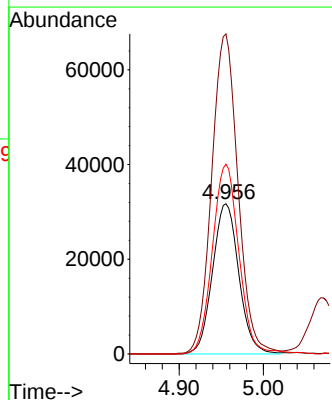
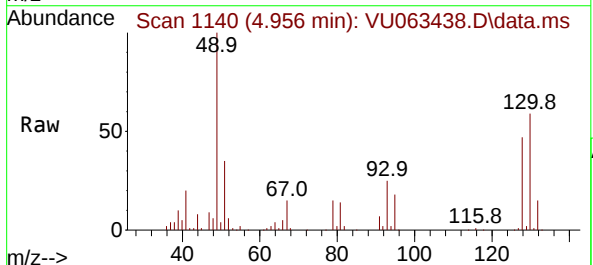
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

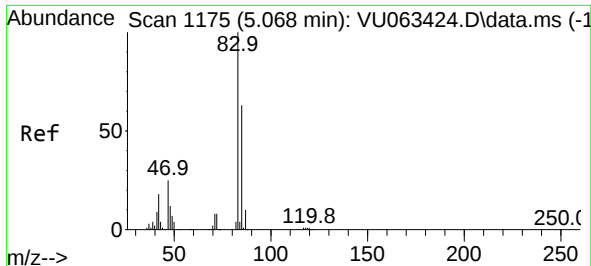
Tgt Ion: 73 Resp: 399643
Ion Ratio Lower Upper
73 100
43 18.1 15.1 22.7



#26
Bromochloromethane
Concen: 10.280 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 128 Resp: 68828
Ion Ratio Lower Upper
128 100
49 212.9 0.0 441.2
130 127.5 102.3 153.5





#27

Chloroform

Concen: 10.235 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

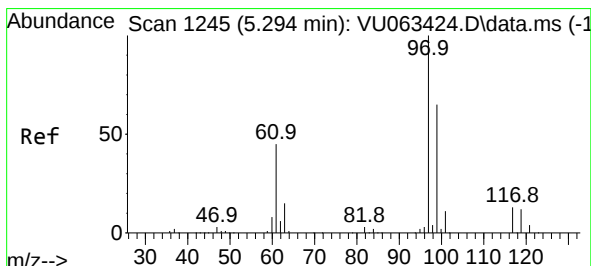
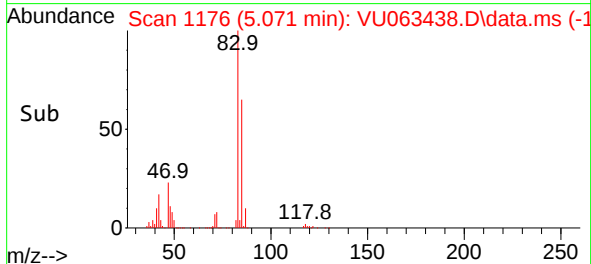
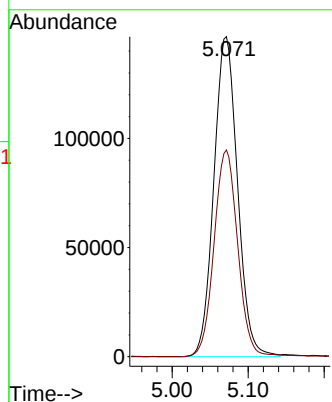
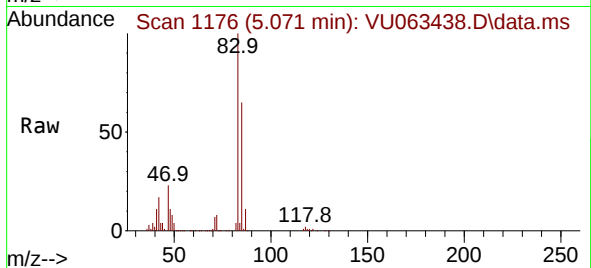
VSTDCCC010

Tgt Ion: 83 Resp: 317488

Ion Ratio Lower Upper

83 100

85 64.6 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 10.474 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

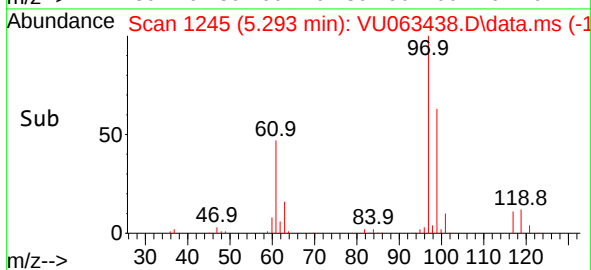
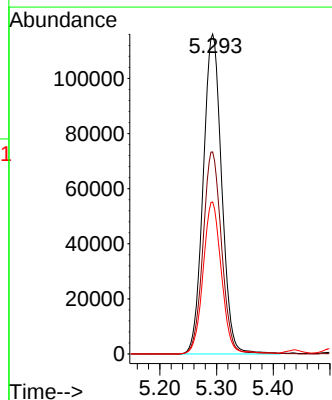
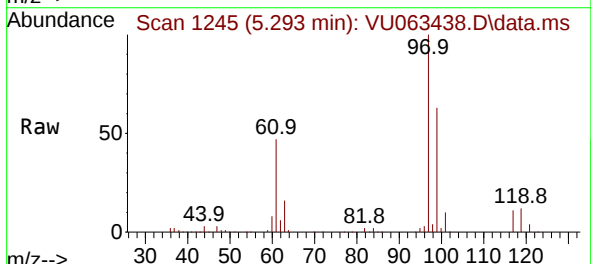
Tgt Ion: 97 Resp: 263459

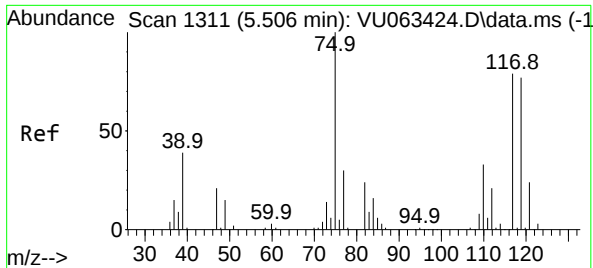
Ion Ratio Lower Upper

97 100

99 63.2 31.9 95.5

61 47.3 22.9 68.7

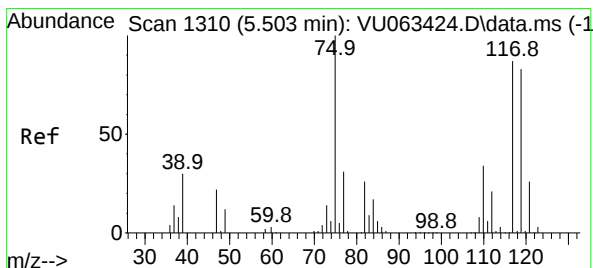
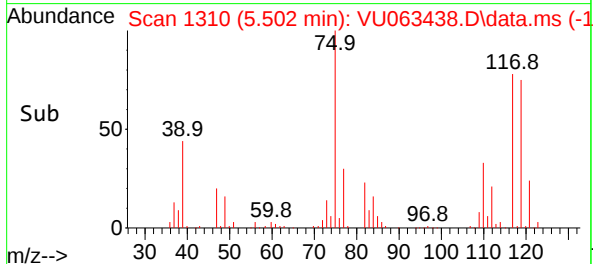
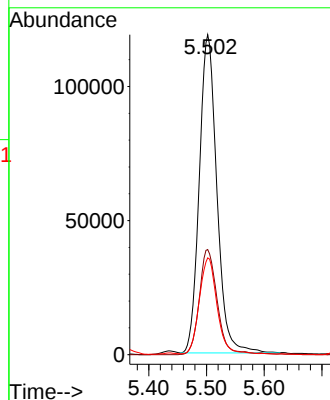
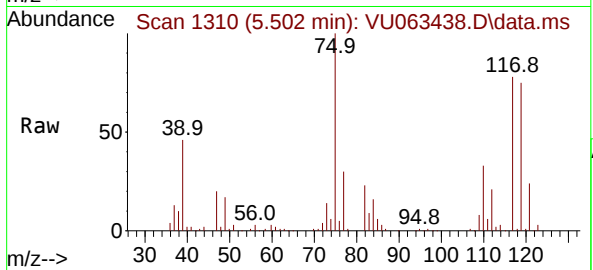




#29
1,1-Dichloropropene
Concen: 10.930 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

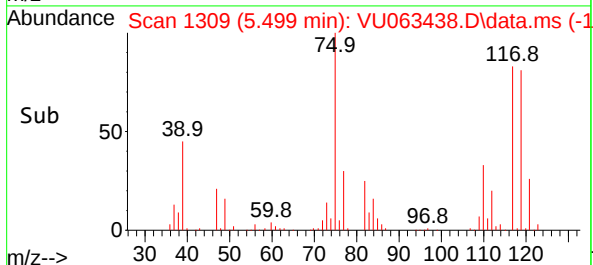
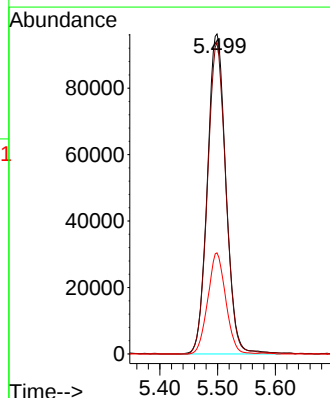
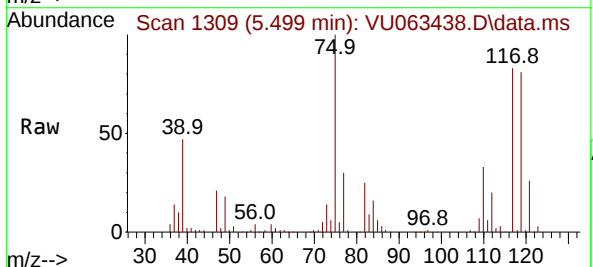
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

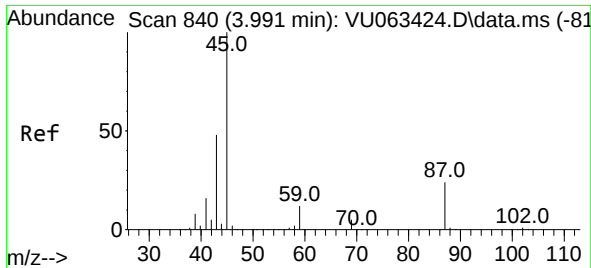
Tgt Ion: 75 Resp: 251152
Ion Ratio Lower Upper
75 100
110 33.5 17.4 52.2
77 30.0 25.4 38.0



#30
Carbon Tetrachloride
Concen: 10.693 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 117 Resp: 214825
Ion Ratio Lower Upper
117 100
119 97.3 76.7 115.1
121 31.6 24.3 36.5

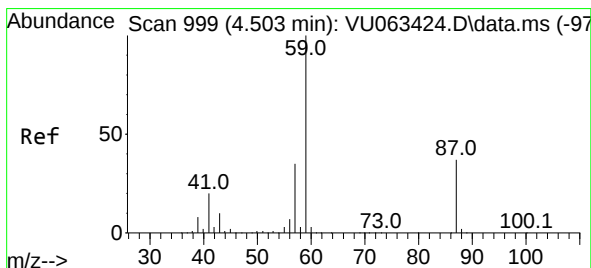
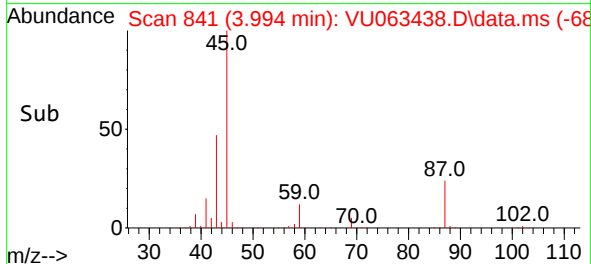
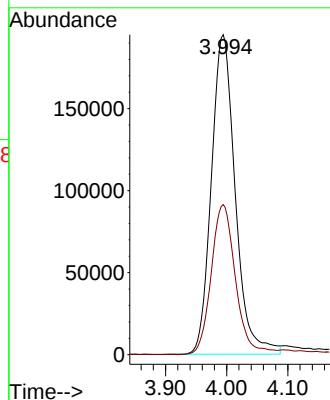
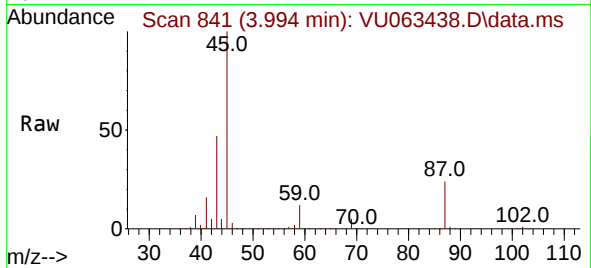




#31
Isopropyl Ether
Concen: 10.239 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

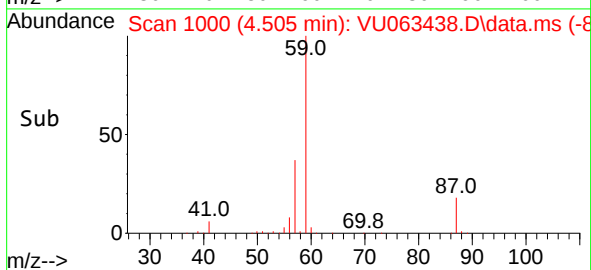
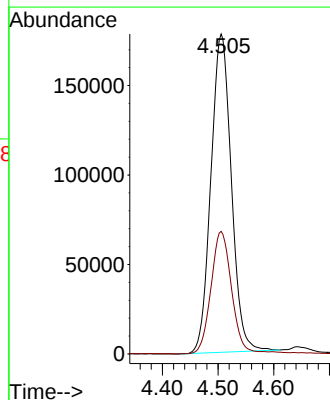
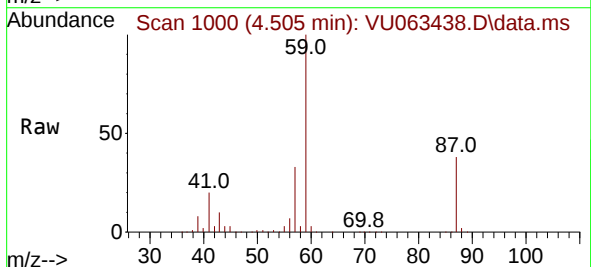
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 529280
Ion Ratio Lower Upper
45 100
43 47.6 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 10.336 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 59 Resp: 452865
Ion Ratio Lower Upper
59 100
87 37.7 29.9 44.9

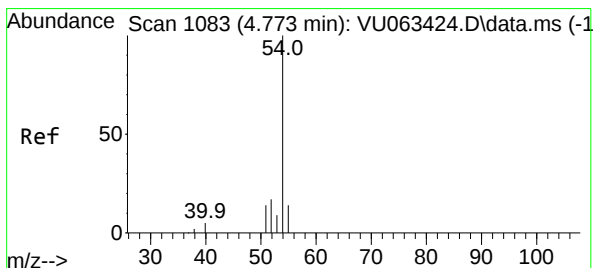
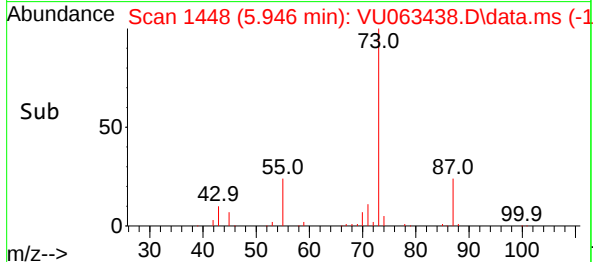
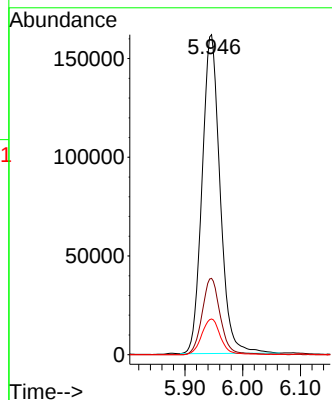
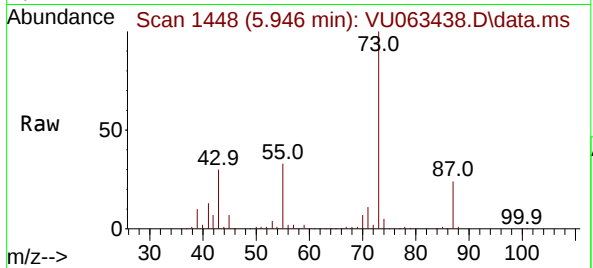




#33
Tert-Amyl methyl ether
Concen: 11.138 ug/l
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

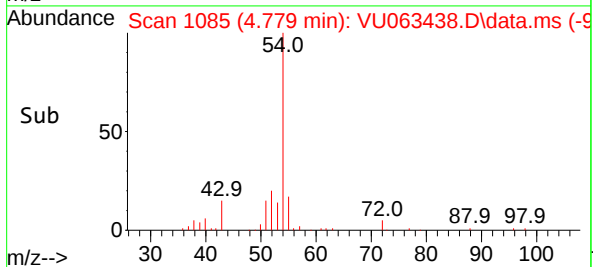
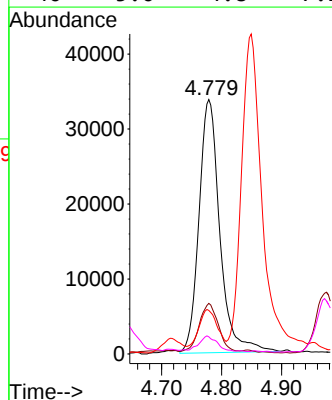
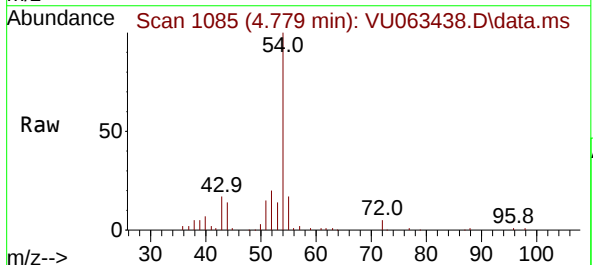
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

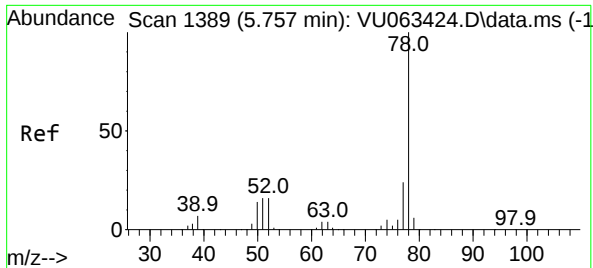
Tgt Ion: 73 Resp: 349325
Ion Ratio Lower Upper
73 100
87 24.0 18.1 27.1
71 11.7 10.0 15.0



#34
Propionitrile
Concen: 49.955 ug/l
RT: 4.779 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 54 Resp: 81608
Ion Ratio Lower Upper
54 100
52 17.1 14.8 22.2
55 14.1 12.2 18.2
40 5.0 4.8 7.2

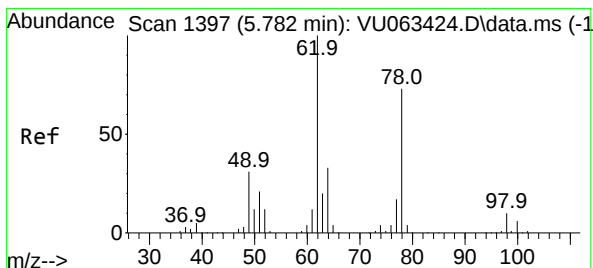
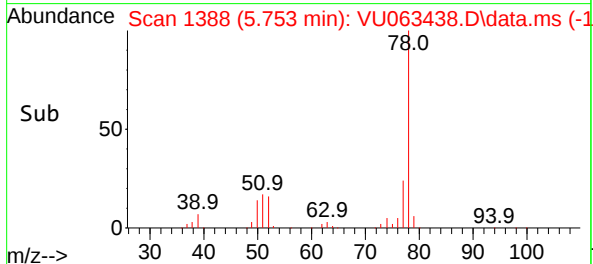
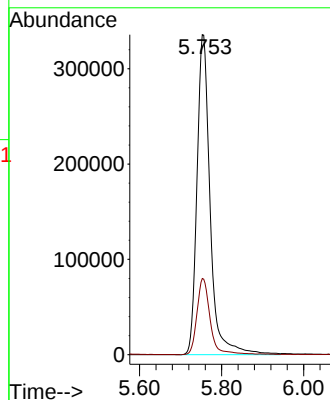
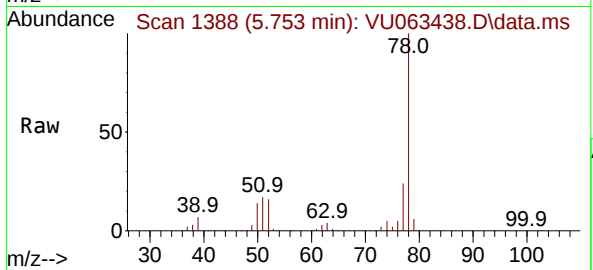




#35
Benzene
Concen: 10.763 ug/l
RT: 5.753 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

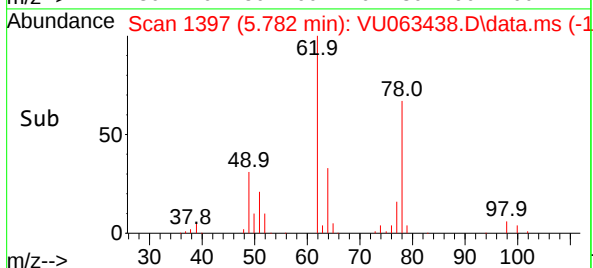
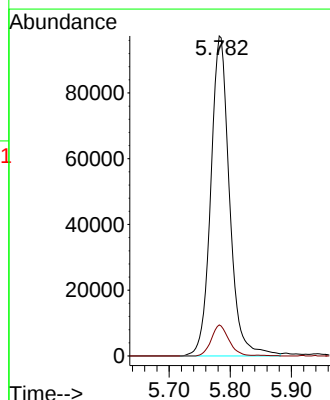
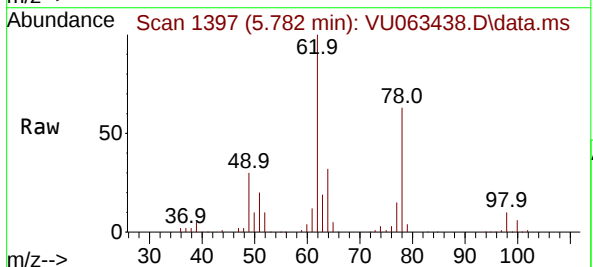
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

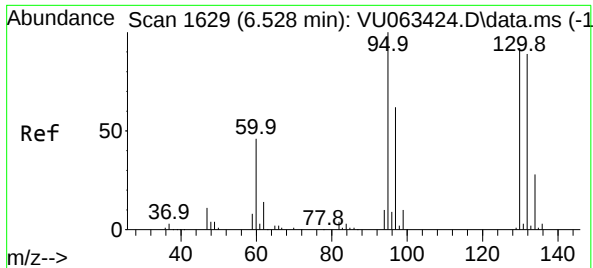
Tgt Ion: 78 Resp: 748092
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2



#36
1,2-Dichloroethane
Concen: 10.199 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 62 Resp: 207242
Ion Ratio Lower Upper
62 100
98 9.1 7.1 10.7

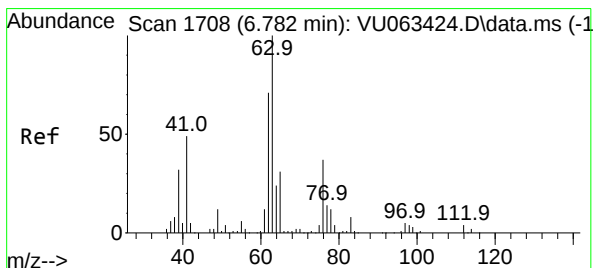
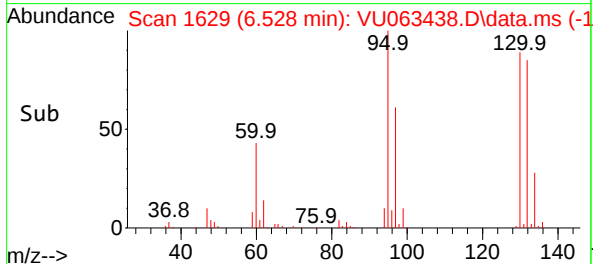
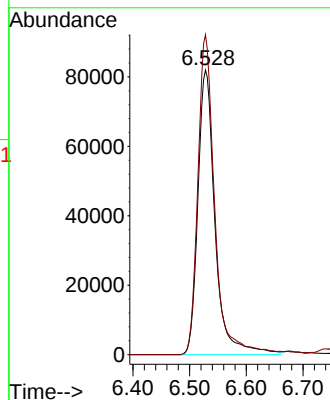
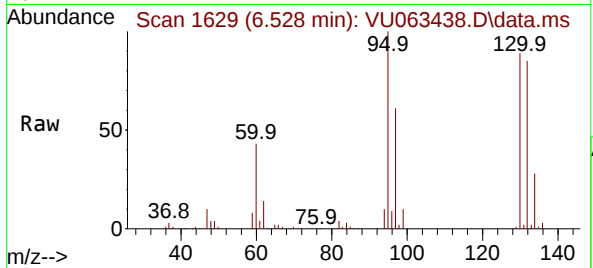




#37
 Trichloroethene
 Concen: 10.505 ug/l
 RT: 6.528 min Scan# 1629
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

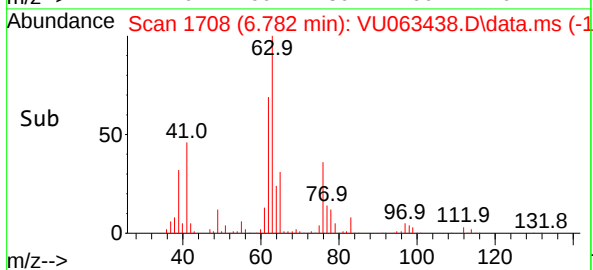
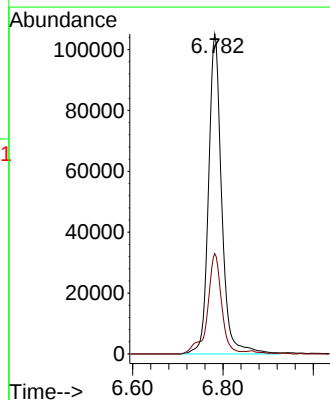
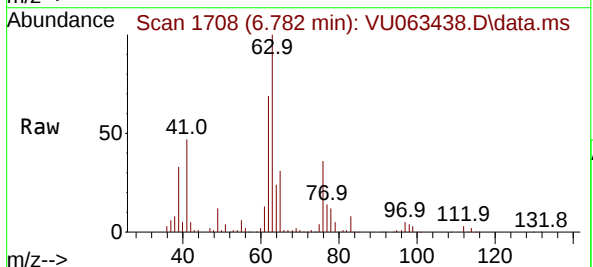
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:130 Resp: 172556
 Ion Ratio Lower Upper
 130 100
 95 112.4 87.2 130.8



#38
 1,2-Dichloropropane
 Concen: 11.111 ug/l
 RT: 6.782 min Scan# 1708
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

Tgt Ion: 63 Resp: 213308
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



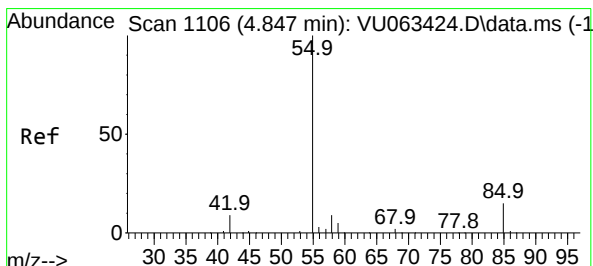
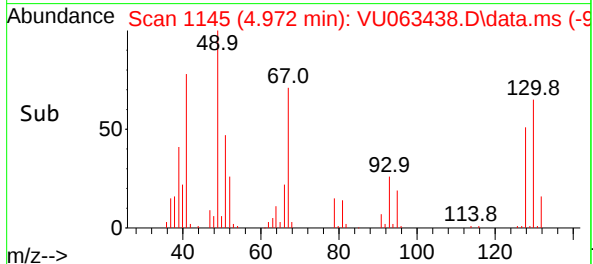
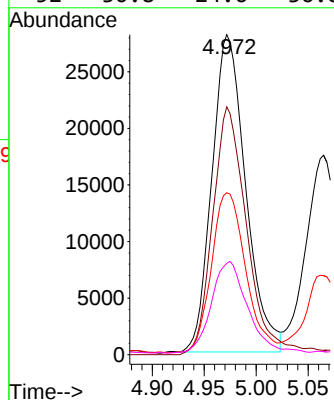
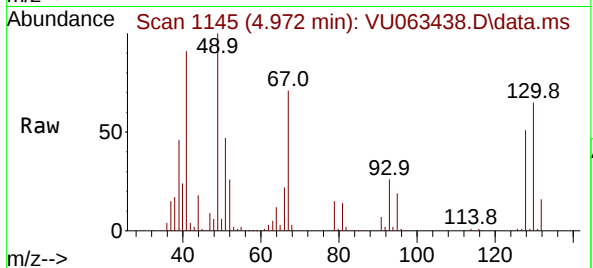


#39
Methacrylonitrile
Concen: 9.323 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 63362

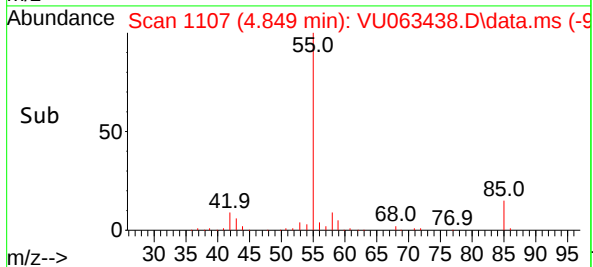
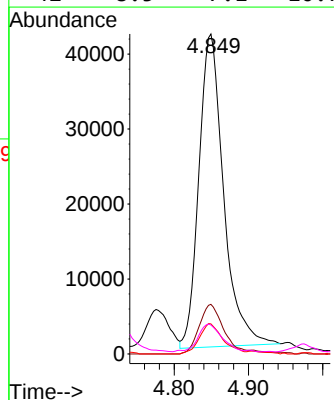
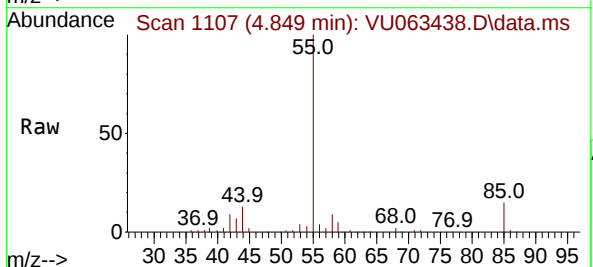
Ion	Ratio	Lower	Upper
41	100		
67	80.4	59.8	89.8
39	51.1	40.7	61.1
52	30.8	24.6	36.8

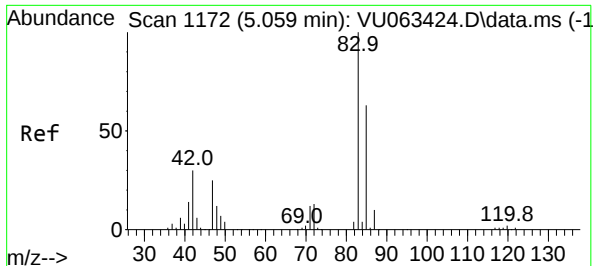


#40
Methyl acrylate
Concen: 10.143 ug/l
RT: 4.849 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 55 Resp: 96795

Ion	Ratio	Lower	Upper
55	100		
85	15.5	12.6	19.0
58	9.2	6.9	10.3
42	8.5	7.1	10.7





#41

Tetrahydrofuran

Concen: 18.203 ug/l

RT: 5.062 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

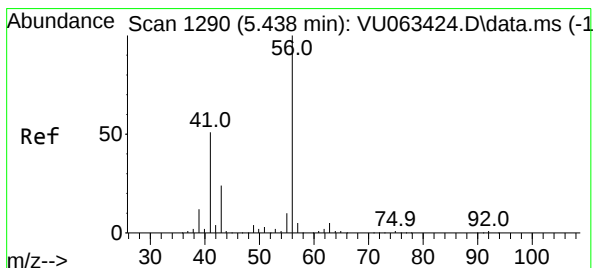
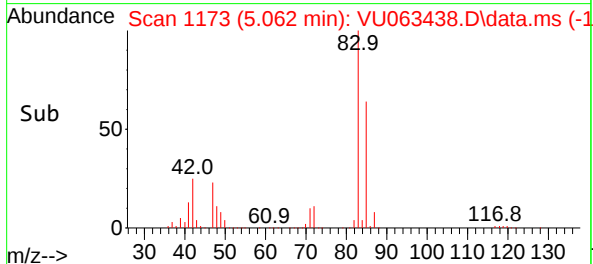
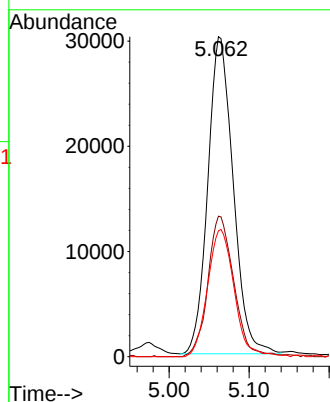
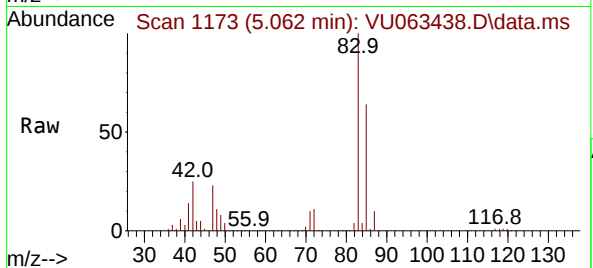
Tgt Ion: 42 Resp: 66555

Ion Ratio Lower Upper

42 100

72 45.2 35.4 53.2

71 41.8 31.4 47.0



#42

1-Chlorobutane

Concen: 10.400 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VU063438.D

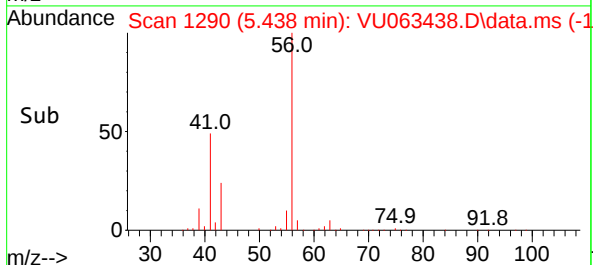
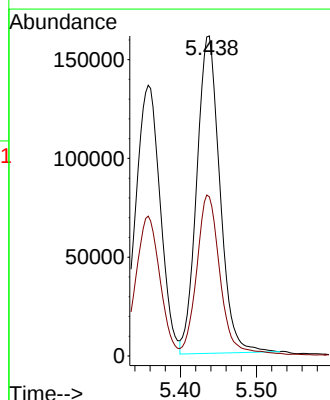
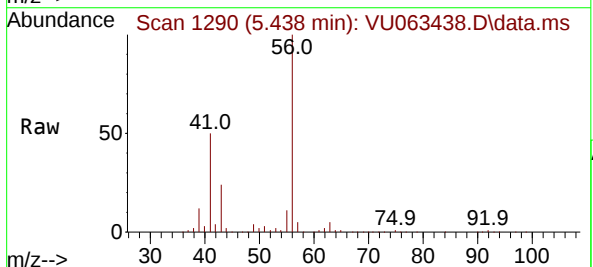
Acq: 24 Jun 2025 14:52

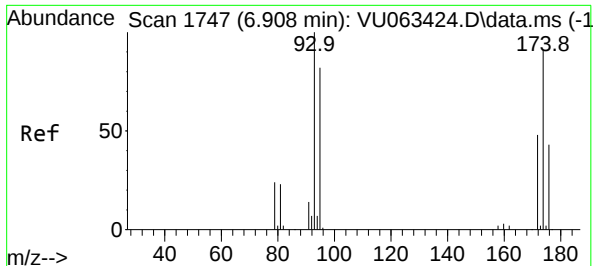
Tgt Ion: 56 Resp: 339005

Ion Ratio Lower Upper

56 100

41 50.8 26.4 79.0

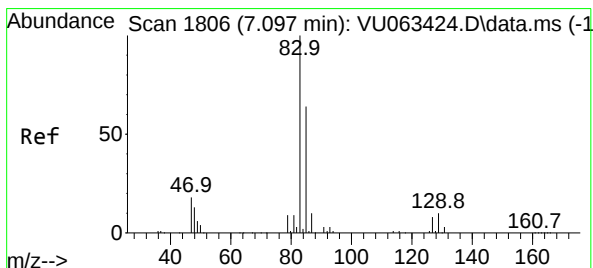
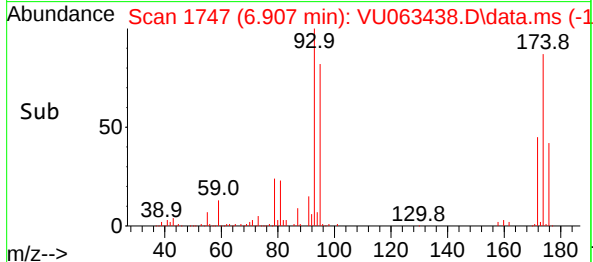
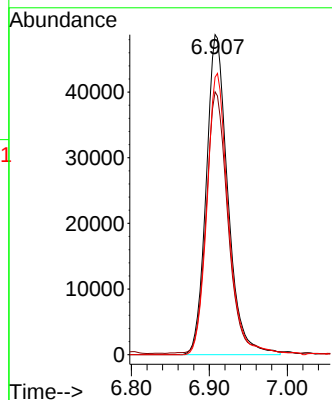
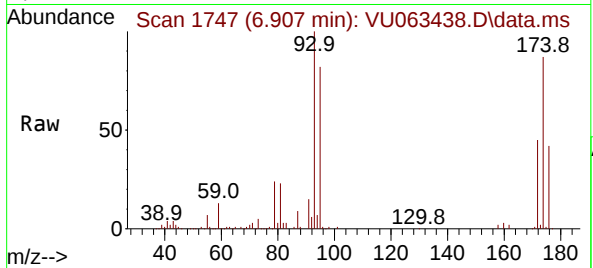




#43
Dibromomethane
Concen: 10.483 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

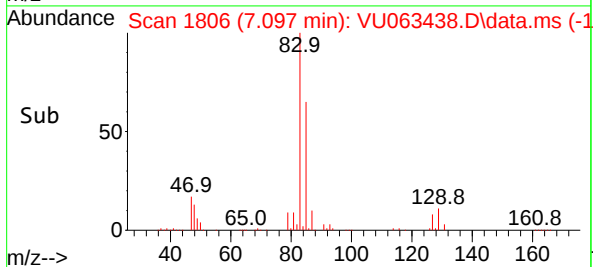
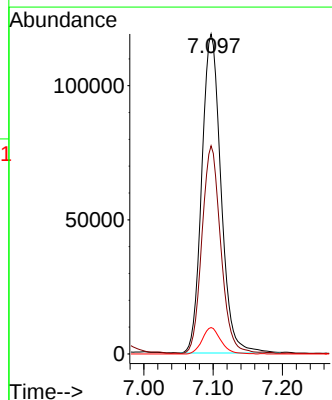
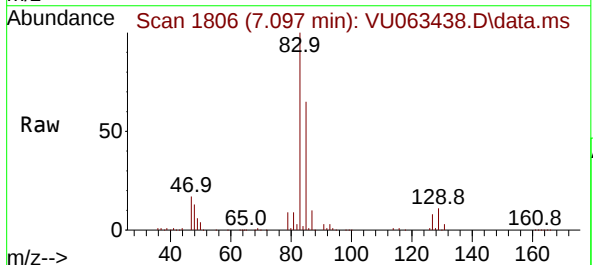
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

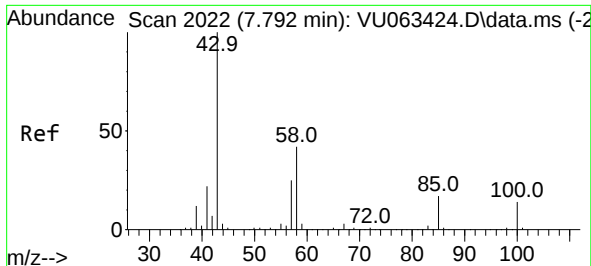
Tgt Ion: 93 Resp: 94008
Ion Ratio Lower Upper
93 100
95 82.3 66.7 100.1
174 87.1 71.1 106.7



#44
Bromodichloromethane
Concen: 10.492 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 83 Resp: 229202
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.2
127 8.3 6.6 10.0

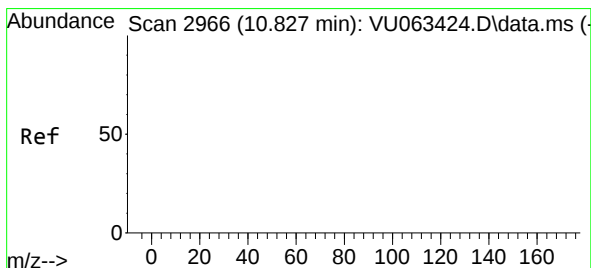
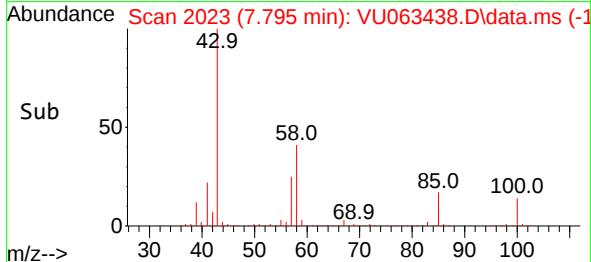
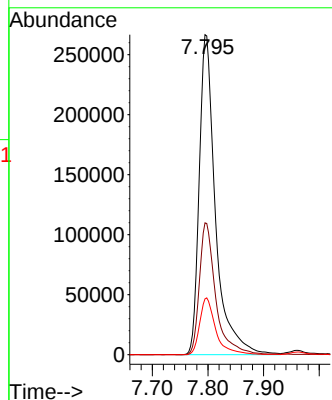
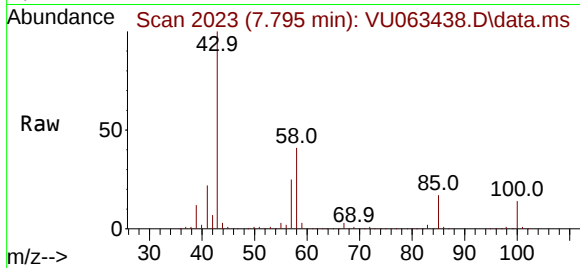




#45
4-Methyl-2-Pentanone
Concen: 56.422 ug/l
RT: 7.795 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

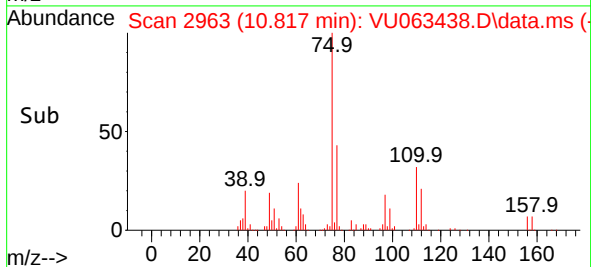
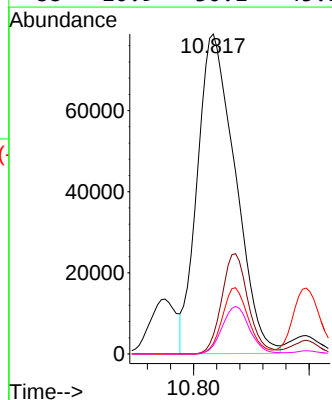
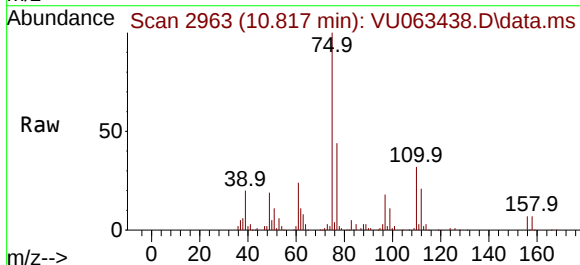
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

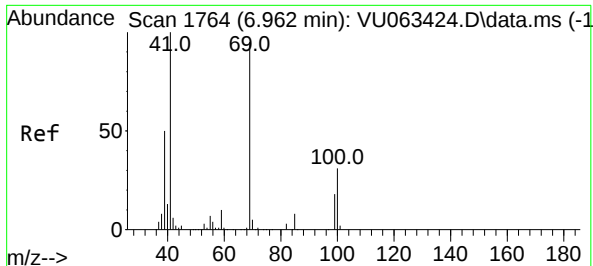
Tgt Ion: 43 Resp: 543153
Ion Ratio Lower Upper
43 100
58 41.4 20.5 61.6
85 17.6 14.2 21.2



#46
t-1,4-Dichloro-2-butene
Concen: 56.719 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.010 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 75 Resp: 179477
Ion Ratio Lower Upper
75 100
53 22.1 61.4 92.2#
89 14.3 39.2 58.8#
88 10.9 30.1 45.1#





#47

Methyl methacrylate

Concen: 20.044 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 171205

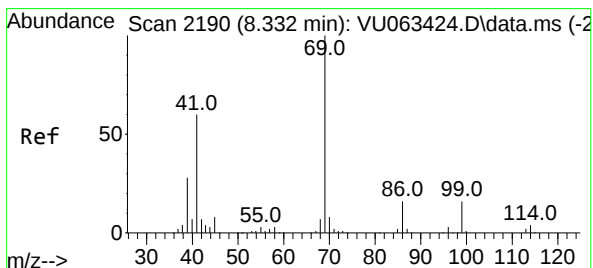
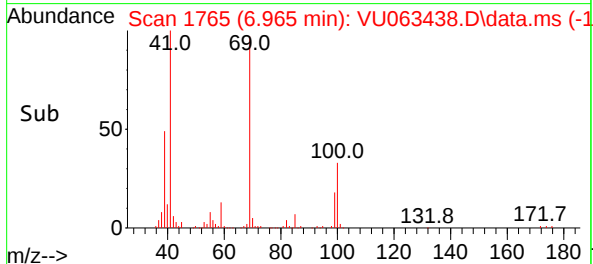
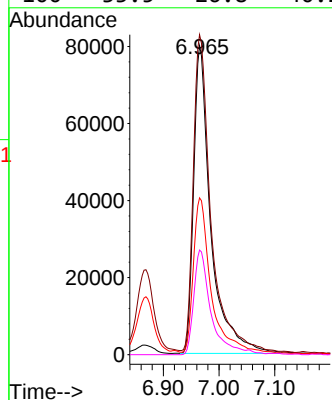
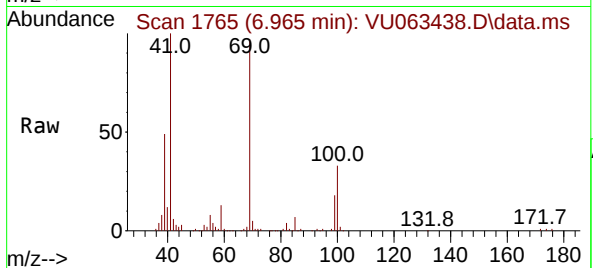
Ion Ratio Lower Upper

69 100

41 106.3 0.0 212.6

39 52.7 40.6 61.0

100 33.5 26.8 40.2



#48

Ethyl methacrylate

Concen: 10.220 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VU063438.D

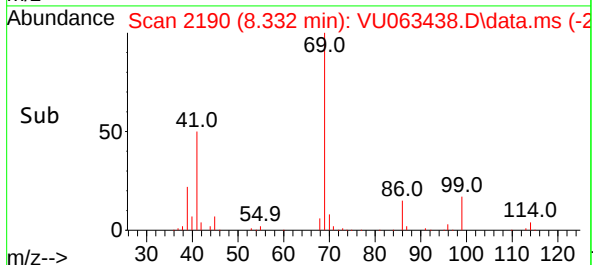
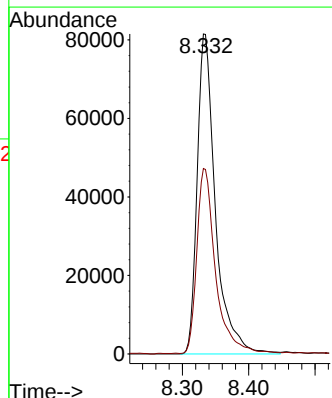
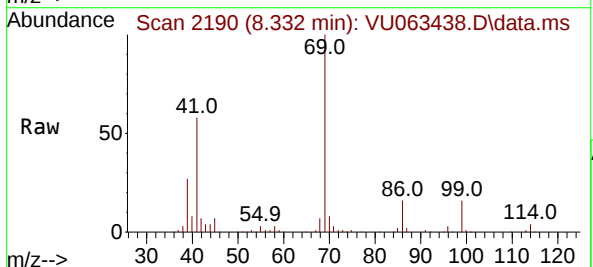
Acq: 24 Jun 2025 14:52

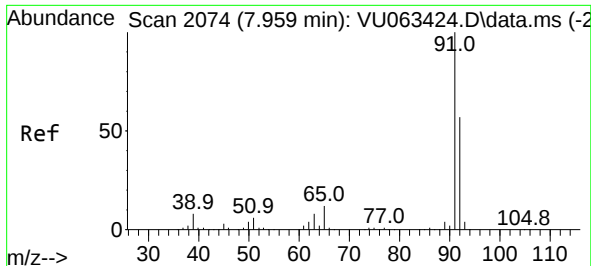
Tgt Ion: 69 Resp: 155721

Ion Ratio Lower Upper

69 100

41 58.8 30.6 92.0





#49

Toluene

Concen: 11.839 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

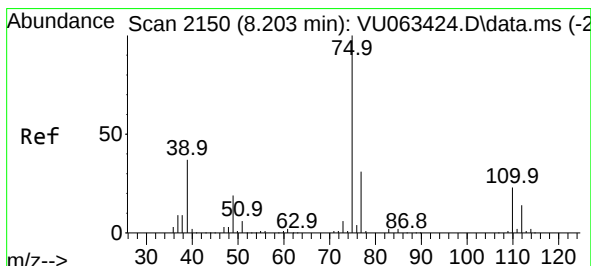
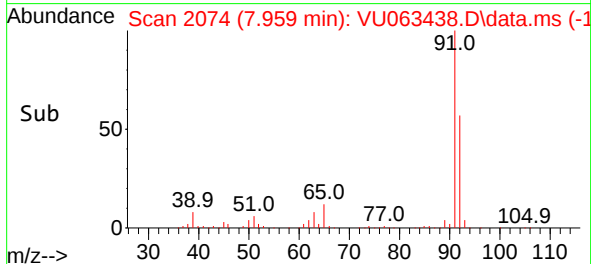
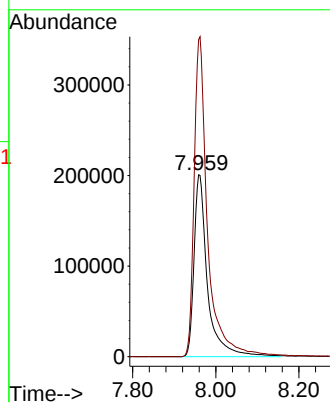
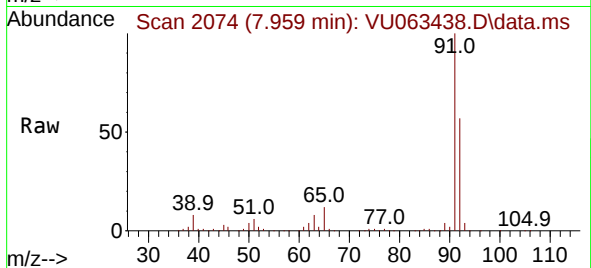
VSTDCCC010

Tgt Ion: 92 Resp: 451765

Ion Ratio Lower Upper

92 100

91 176.1 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 12.164 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU063438.D

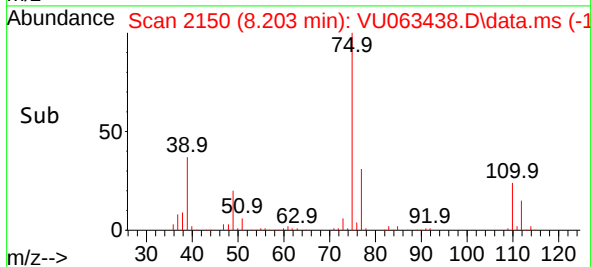
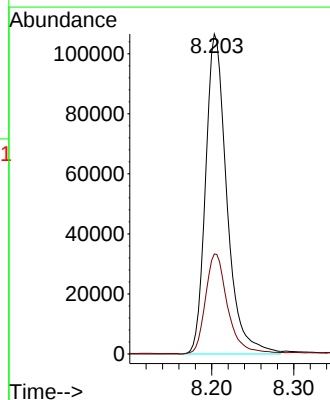
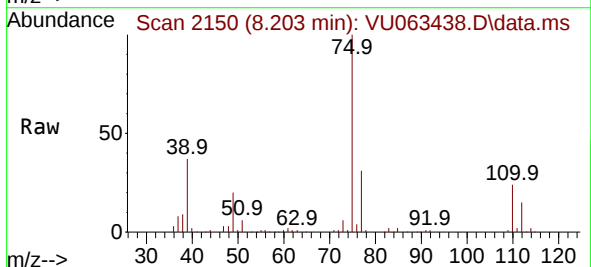
Acq: 24 Jun 2025 14:52

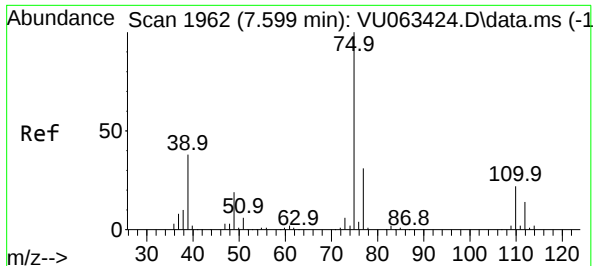
Tgt Ion: 75 Resp: 191619

Ion Ratio Lower Upper

75 100

77 31.3 24.5 36.7

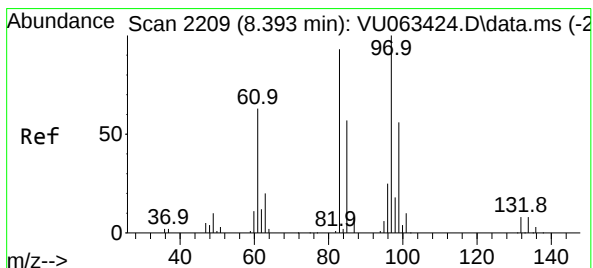
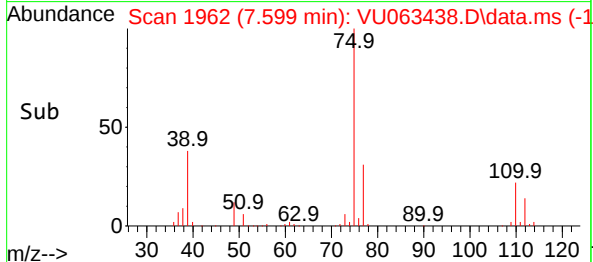
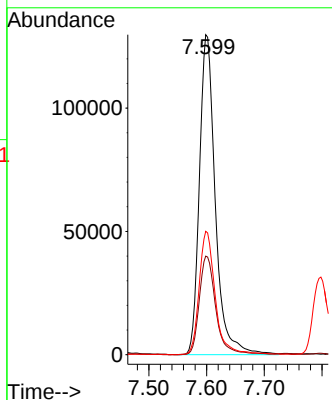
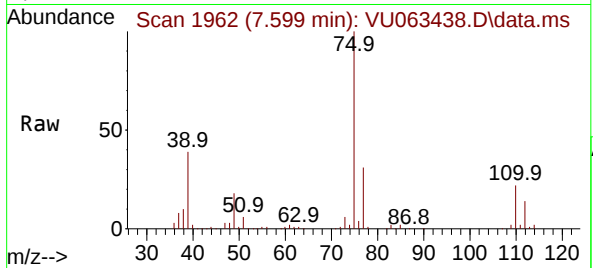




#51
 cis-1,3-Dichloropropene
 Concen: 11.735 ug/l
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

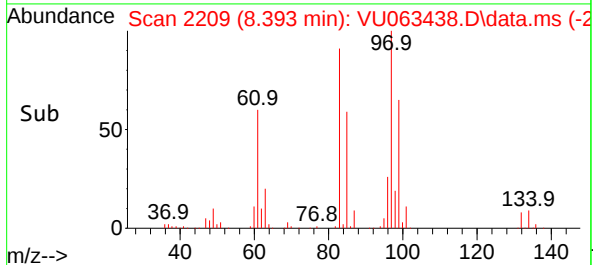
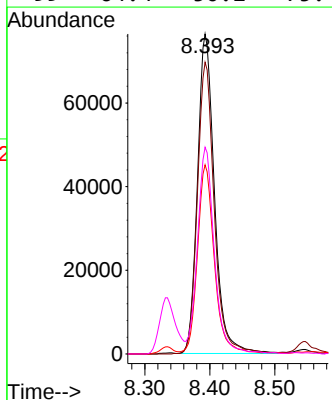
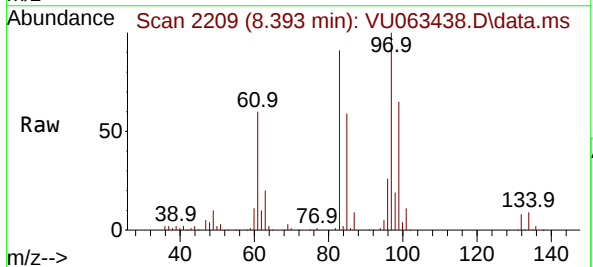
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

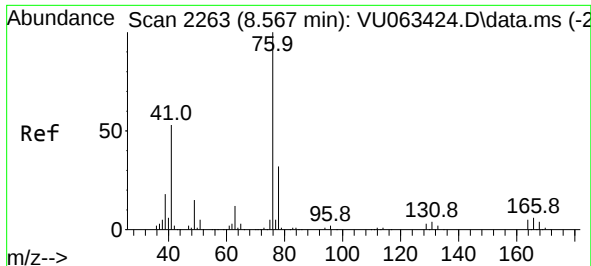
Tgt Ion: 75 Resp: 248290
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.8 37.2
 39 38.5 30.7 46.1



#52
 1,1,2-Trichloroethane
 Concen: 10.633 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

Tgt Ion: 97 Resp: 139398
 Ion Ratio Lower Upper
 97 100
 83 91.1 74.1 111.1
 85 58.8 45.8 68.8
 99 64.4 50.2 75.4





#53

1,3-Dichloropropane

Concen: 10.921 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

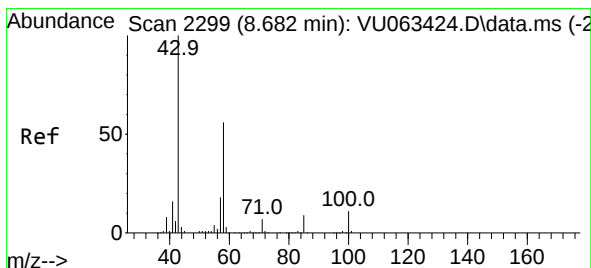
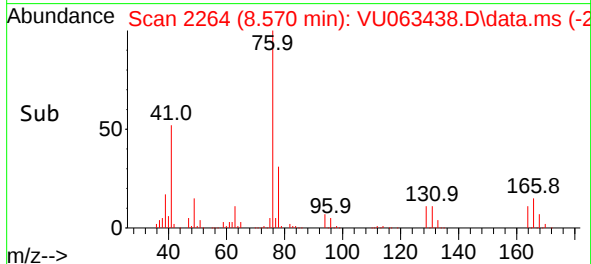
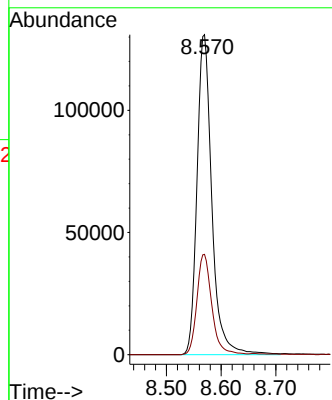
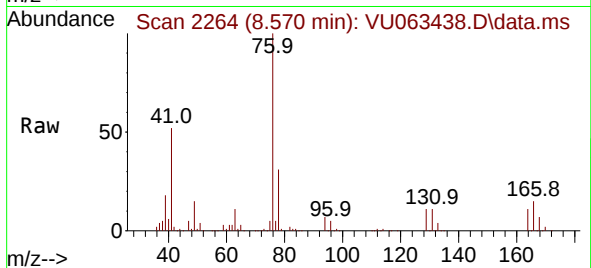
VSTDCCC010

Tgt Ion: 76 Resp: 246330

Ion Ratio Lower Upper

76 100

78 31.4 25.7 38.5



#54

2-Hexanone

Concen: 54.489 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

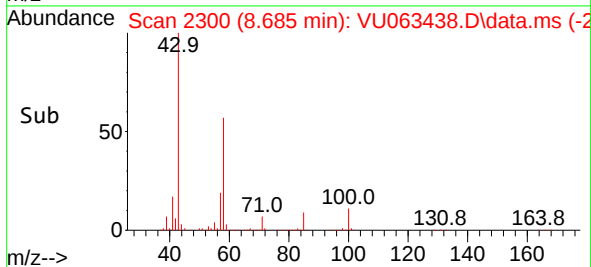
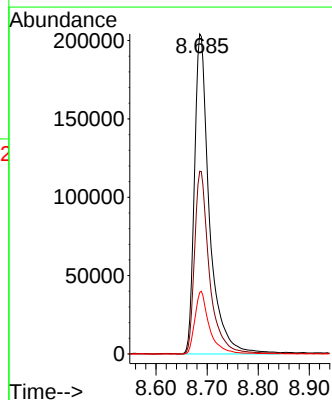
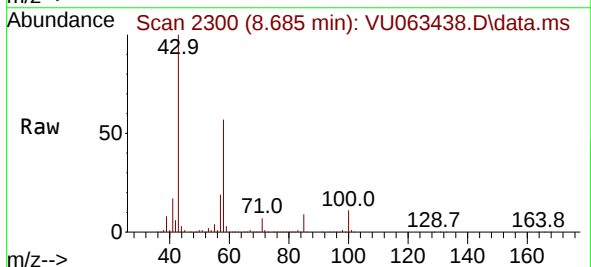
Tgt Ion: 43 Resp: 415835

Ion Ratio Lower Upper

43 100

58 56.7 36.9 76.9

57 19.0 0.0 38.8

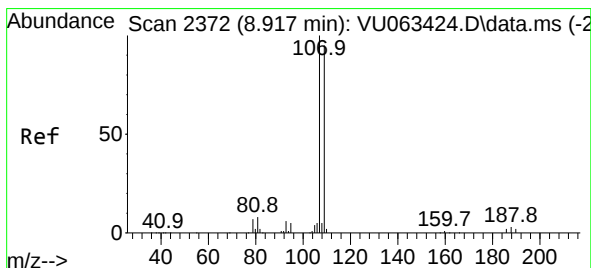
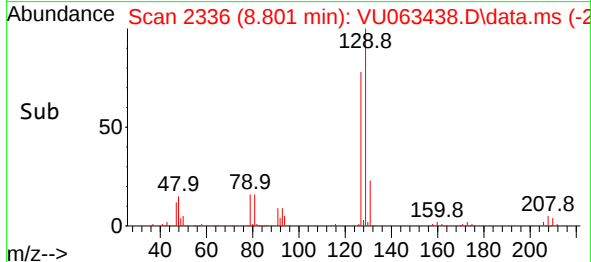
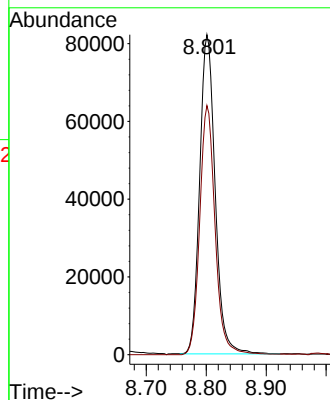
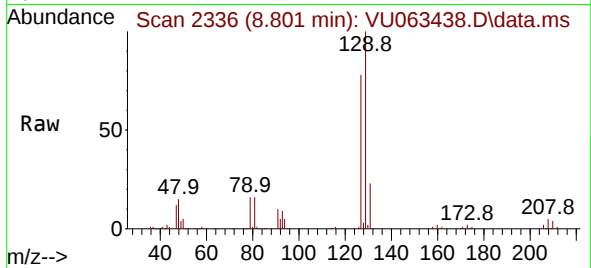




#55
Dibromochloromethane
Concen: 10.914 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

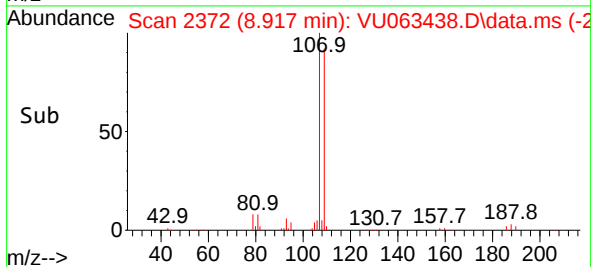
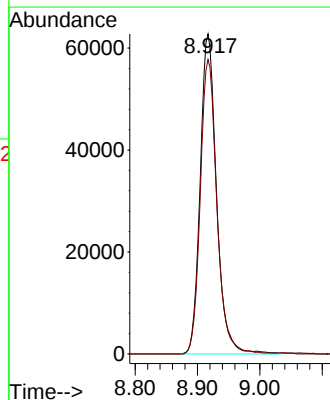
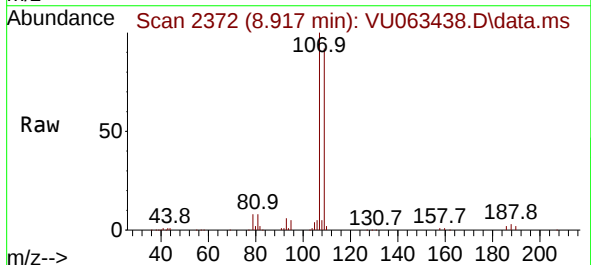
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

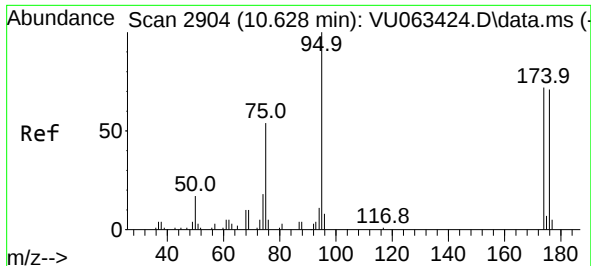
Tgt Ion:129 Resp: 147613
Ion Ratio Lower Upper
129 100
127 77.7 62.6 93.8



#56
1,2-Dibromoethane
Concen: 10.775 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion:107 Resp: 114510
Ion Ratio Lower Upper
107 100
109 93.2 0.0 188.0

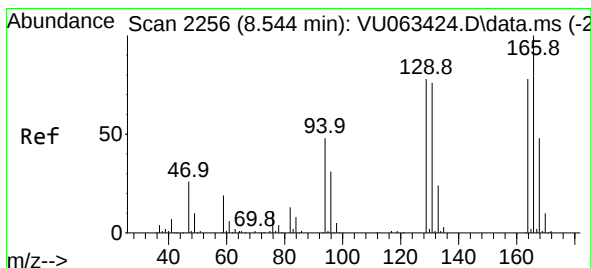
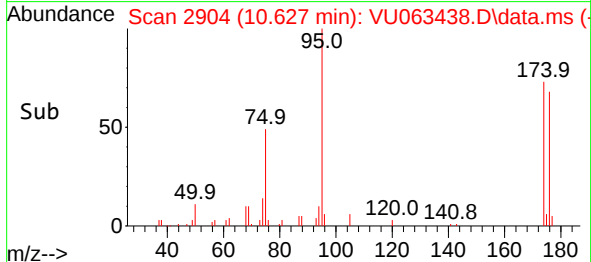
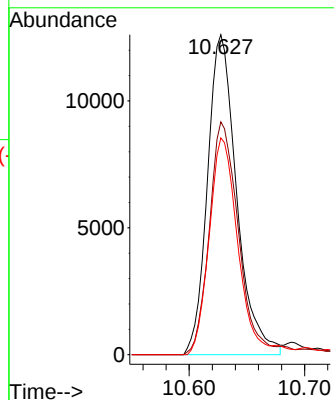
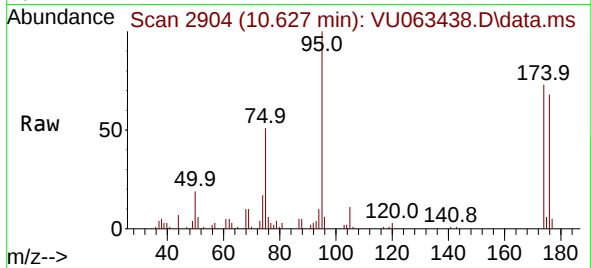




#57
4-Bromofluorobenzene
Concen: 1.132 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

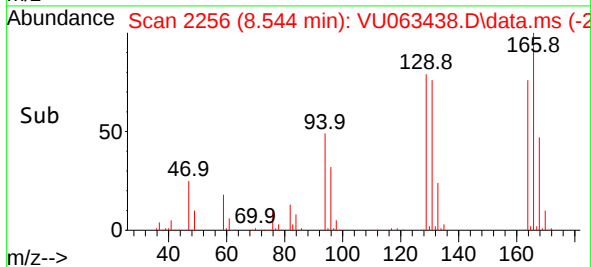
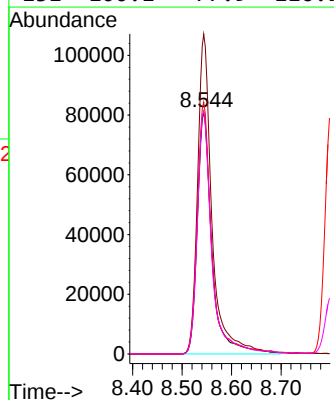
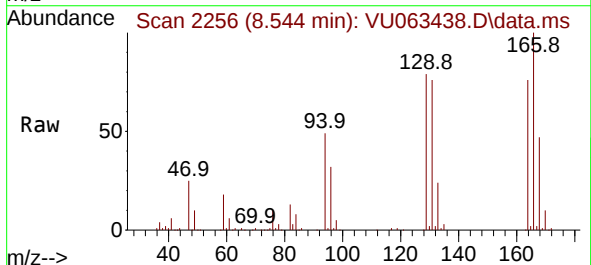
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

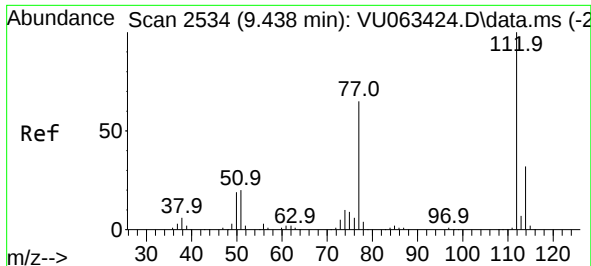
Tgt Ion: 95 Resp: 22163
Ion Ratio Lower Upper
95 100
174 73.6 59.4 89.2
176 67.2 57.8 86.6



#58
Tetrachloroethene
Concen: 10.348 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 164 Resp: 166740
Ion Ratio Lower Upper
164 100
166 132.2 102.8 154.2
129 104.1 80.2 120.2
131 100.1 77.9 116.9





#59

Chlorobenzene

Concen: 11.170 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

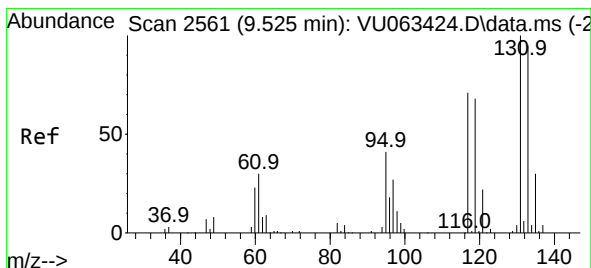
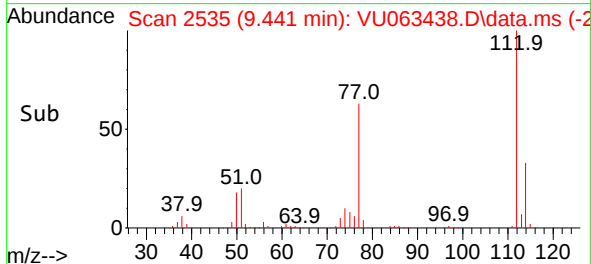
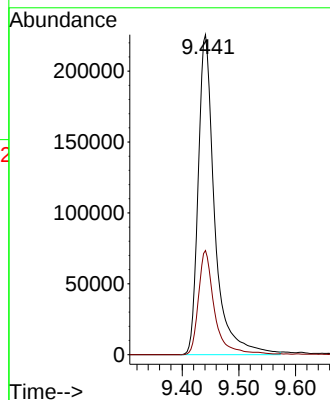
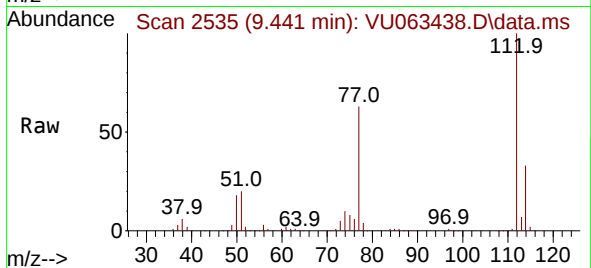
VSTDCCC010

Tgt Ion:112 Resp: 456348

Ion Ratio Lower Upper

112 100

114 32.6 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 10.600 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.001 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

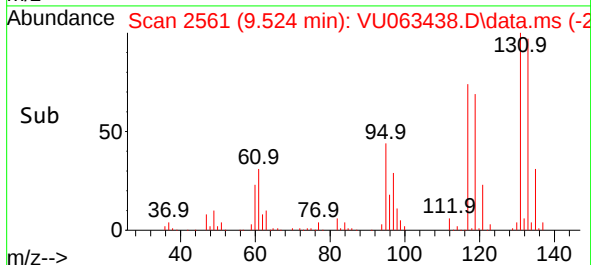
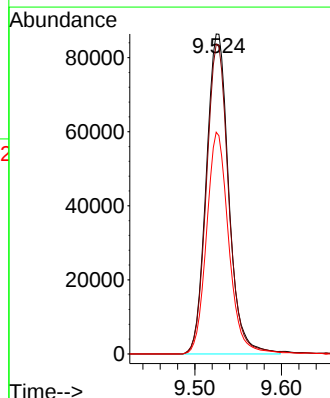
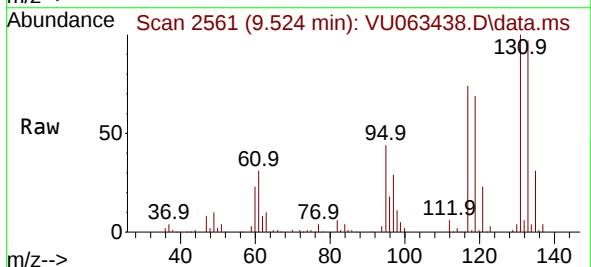
Tgt Ion:131 Resp: 155870

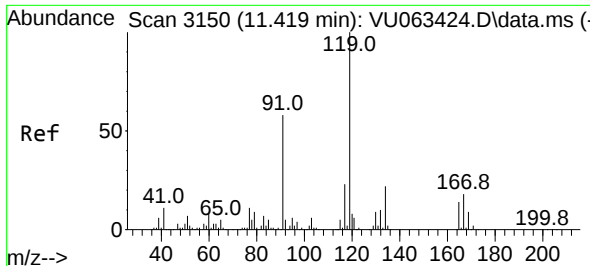
Ion Ratio Lower Upper

131 100

133 96.2 76.1 114.1

119 68.5 53.7 80.5

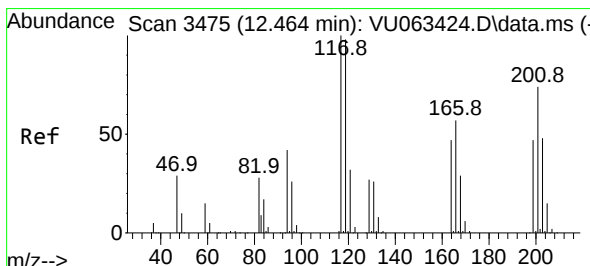
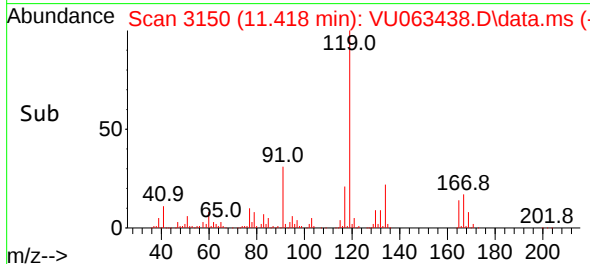
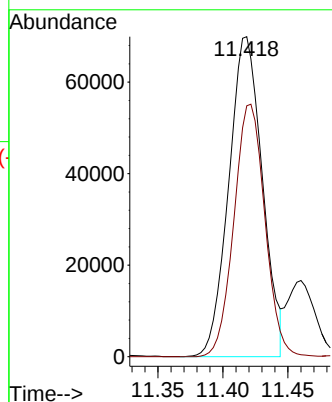
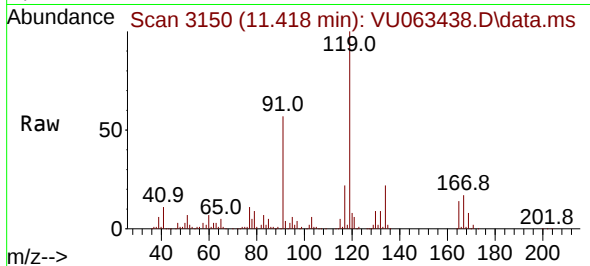




#61
 Pentachloroethane
 Concen: 10.480 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.001 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

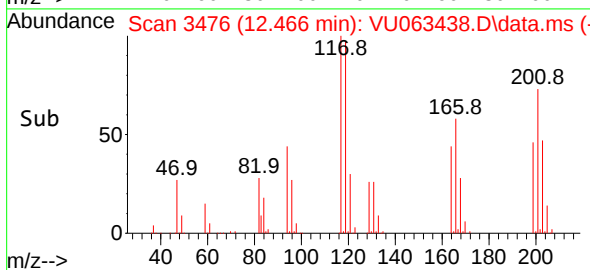
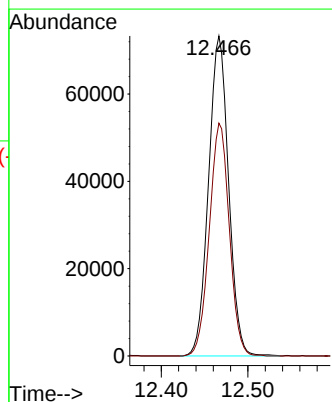
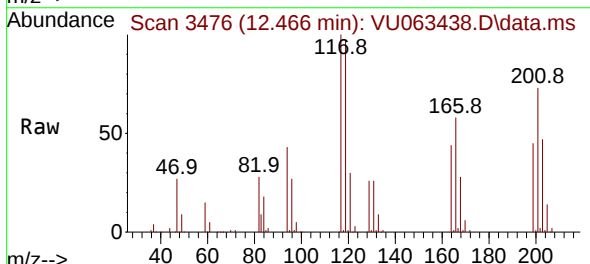
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

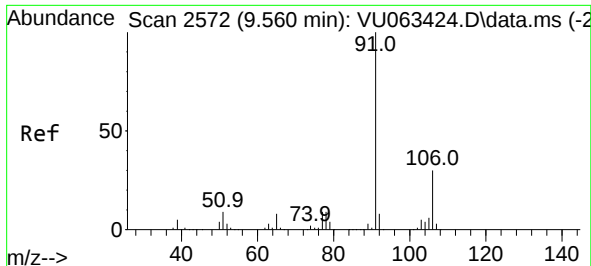
Tgt Ion:117 Resp: 125558
 Ion Ratio Lower Upper
 117 100
 167 73.0 58.1 87.1



#62
 Hexachloroethane
 Concen: 10.940 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. 0.003 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

Tgt Ion:117 Resp: 117870
 Ion Ratio Lower Upper
 117 100
 201 72.6 60.4 90.6





#63

Ethyl Benzene

Concen: 12.274 ug/l

RT: 9.563 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

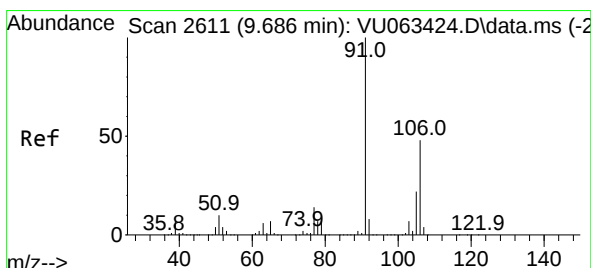
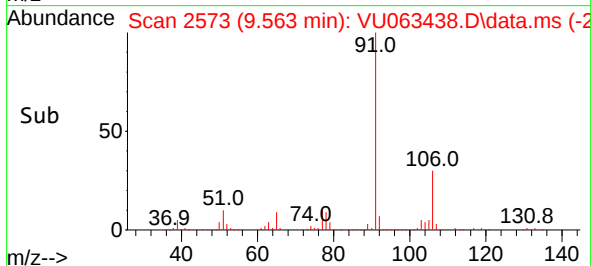
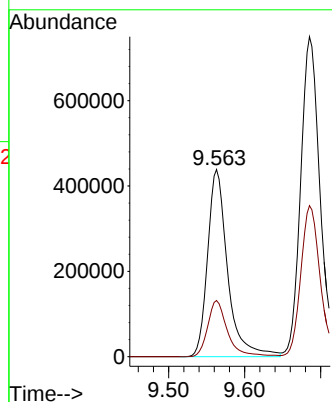
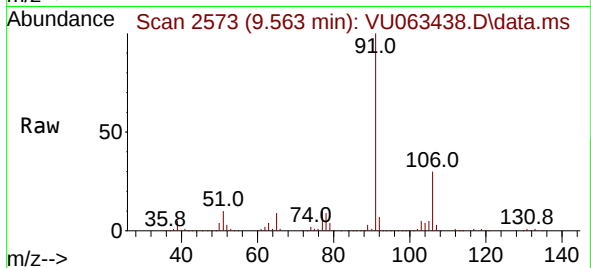
VSTDCCC010

Tgt Ion: 91 Resp: 803882

Ion Ratio Lower Upper

91 100

106 30.0 24.2 36.2



#64

m/p-Xylenes

Concen: 20.861 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.001 min

Lab File: VU063438.D

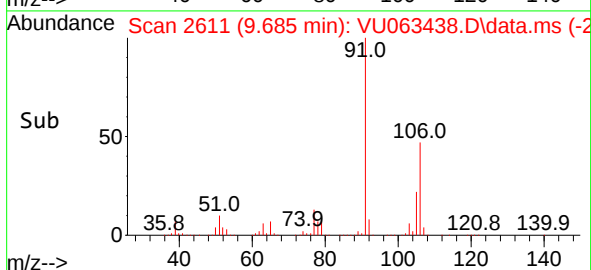
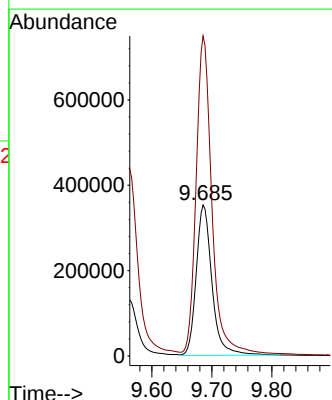
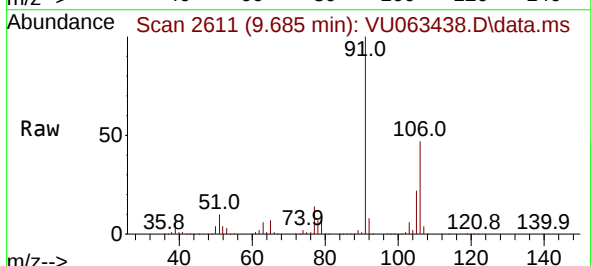
Acq: 24 Jun 2025 14:52

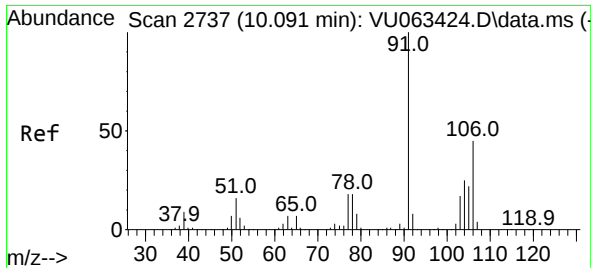
Tgt Ion: 106 Resp: 646995

Ion Ratio Lower Upper

106 100

91 219.4 169.9 254.9

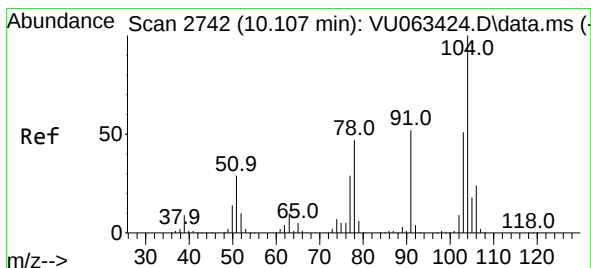
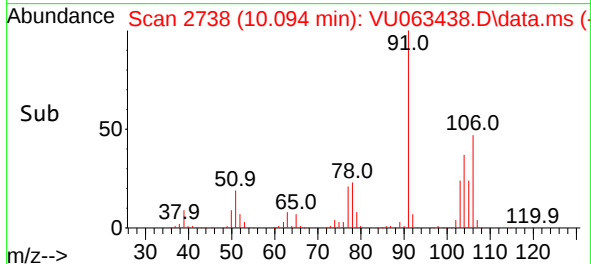
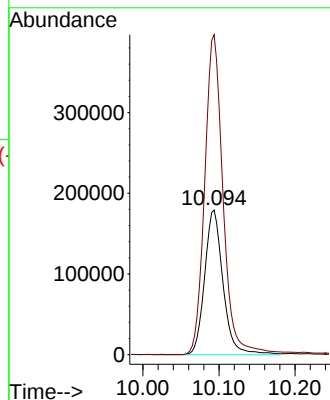
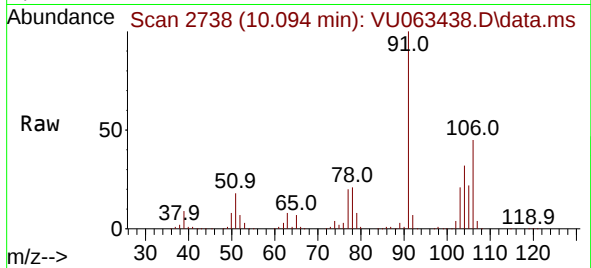




#65
o-Xylene
Concen: 12.116 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

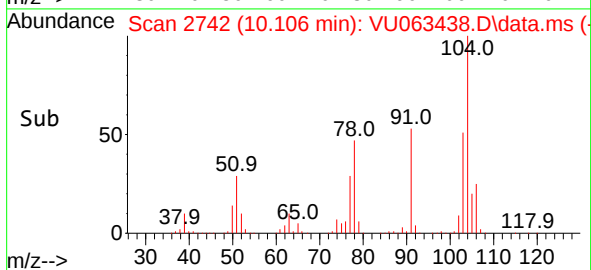
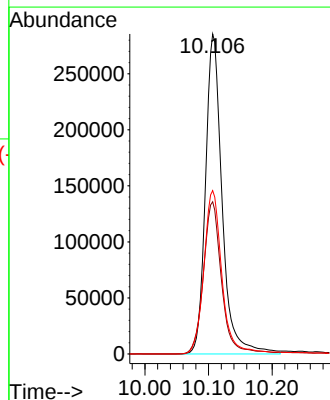
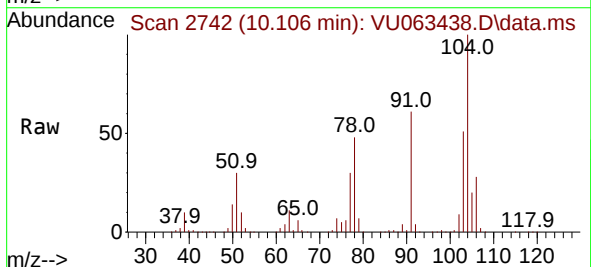
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 301463
Ion Ratio Lower Upper
106 100
91 222.0 110.8 332.3



#66
Styrene
Concen: 10.429 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion:104 Resp: 519653
Ion Ratio Lower Upper
104 100
78 51.7 41.6 62.4
103 55.3 44.6 67.0





#67

Bromoform

Concen: 10.577 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

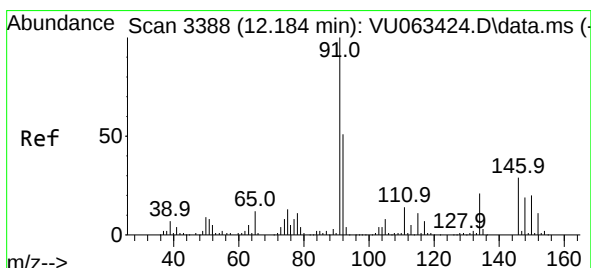
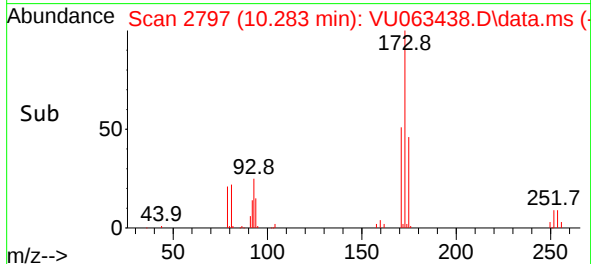
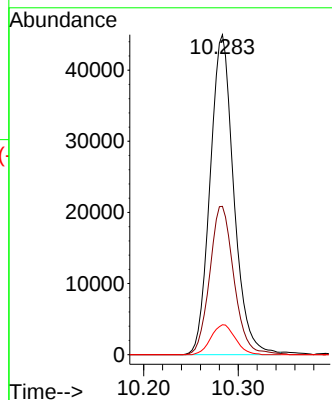
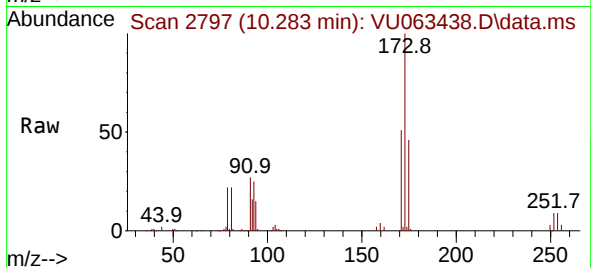
Tgt Ion:173 Resp: 78172

Ion Ratio Lower Upper

173 100

175 47.6 38.2 57.2

254 9.6 7.6 11.4



#68

1,2-Dichlorobenzene-d4

Concen: 0.962 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

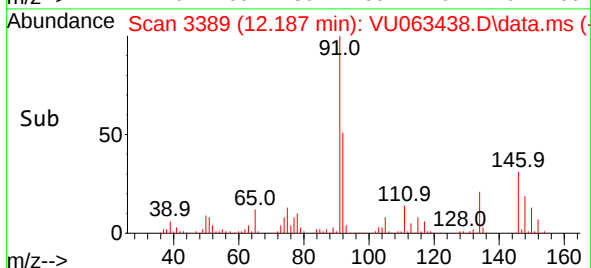
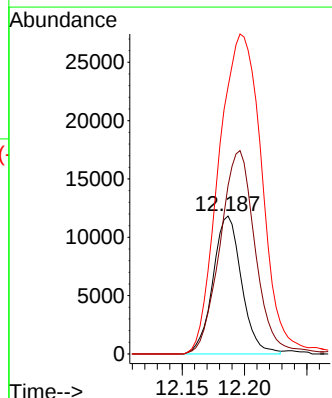
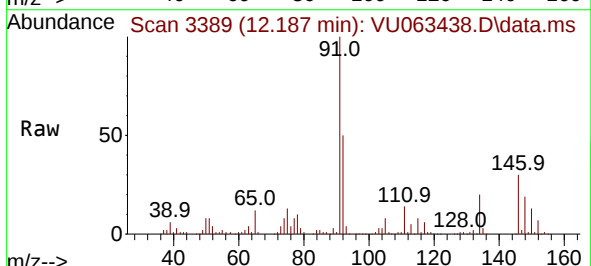
Tgt Ion:152 Resp: 18922

Ion Ratio Lower Upper

152 100

115 181.5 0.0 327.6

150 350.6 0.0 664.4

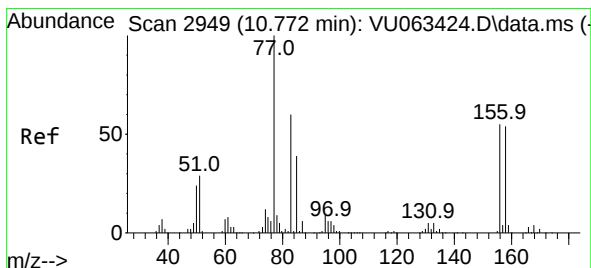
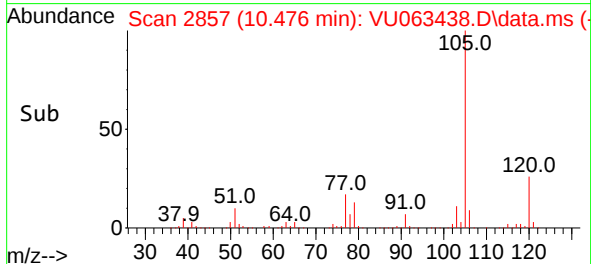
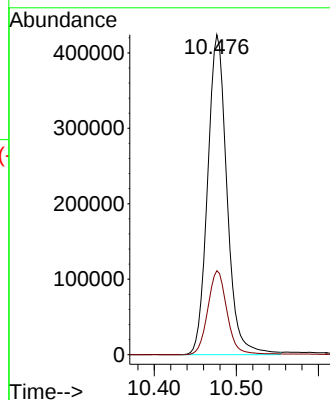
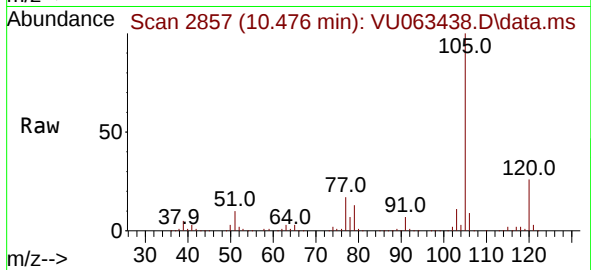




#69
Isopropylbenzene
Concen: 12.108 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

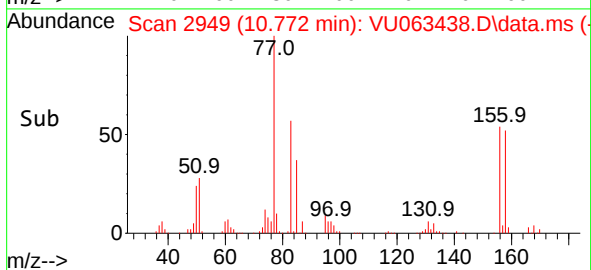
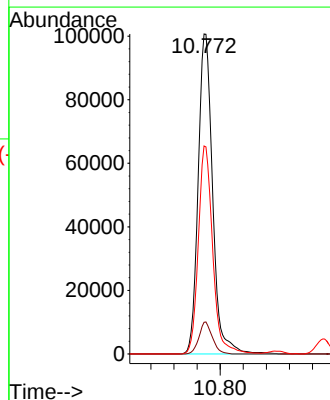
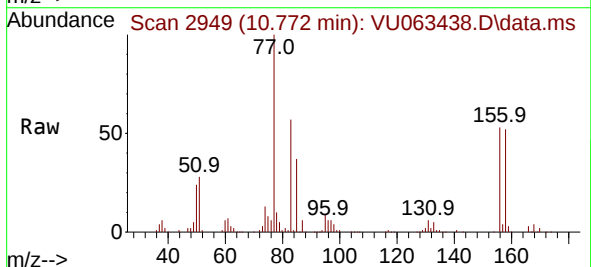
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

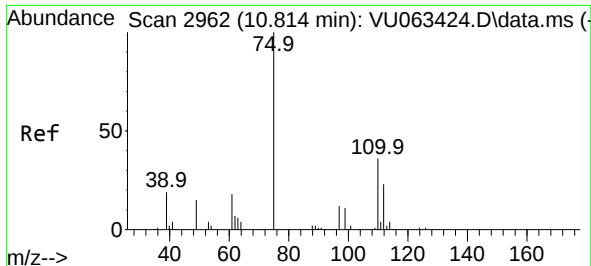
Tgt Ion:105 Resp: 697922
Ion Ratio Lower Upper
105 100
120 25.9 12.7 38.1



#70
1,1,2,2-Tetrachloroethane
Concen: 10.446 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 83 Resp: 175170
Ion Ratio Lower Upper
83 100
131 9.2 7.4 11.0
85 64.5 51.3 76.9



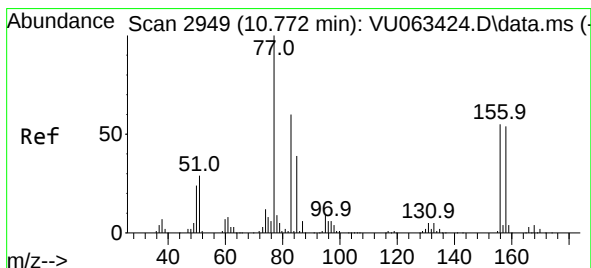
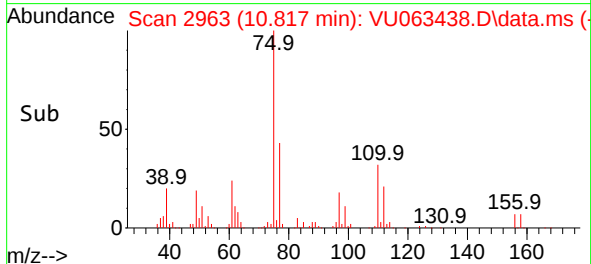
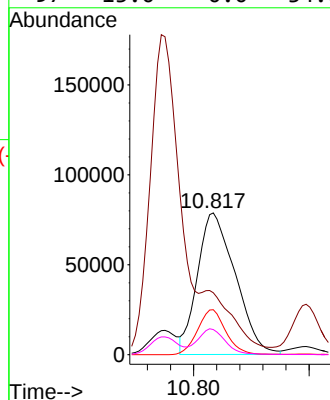
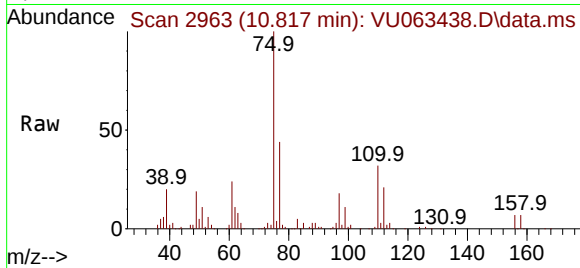


#71
1,2,3-Trichloropropane
Concen: 13.105 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 179477

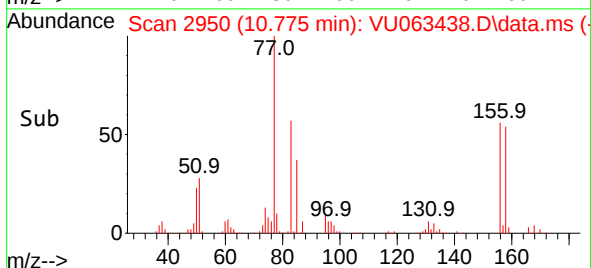
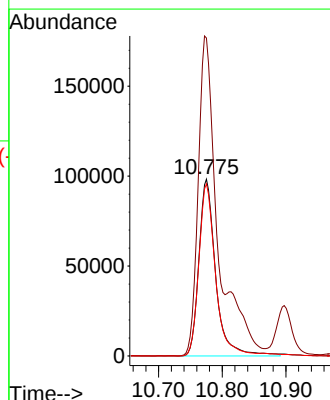
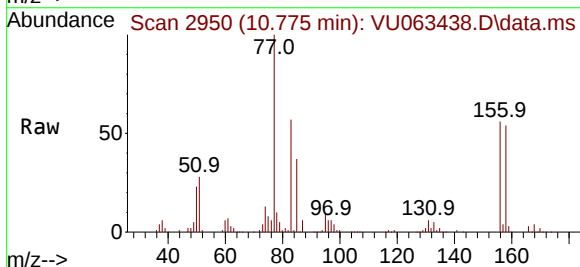
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	23.8	0.0	63.4
97	13.0	0.0	34.0

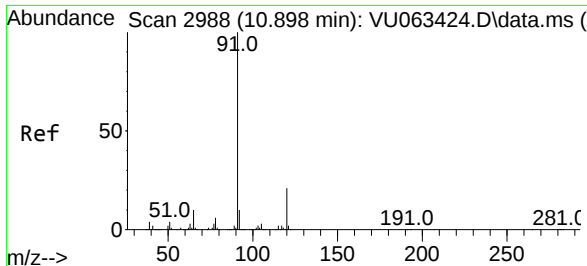


#72
Bromobenzene
Concen: 11.151 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 156 Resp: 180433

Ion	Ratio	Lower	Upper
156	100		
77	174.7	0.0	416.2
158	96.1	0.0	190.6

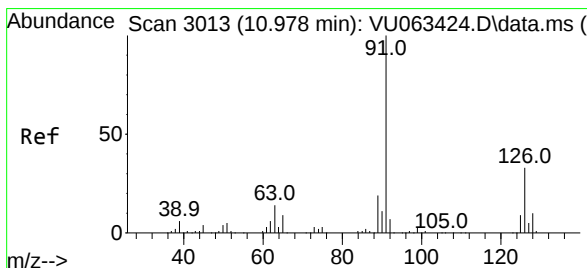
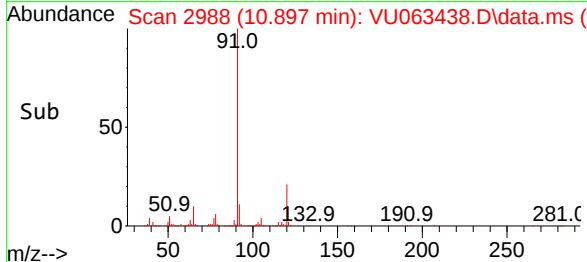
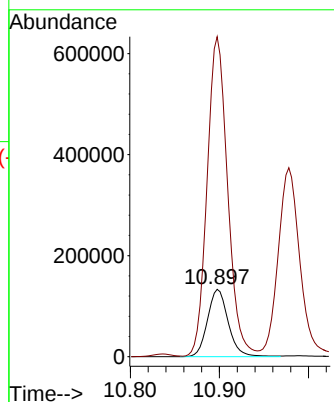
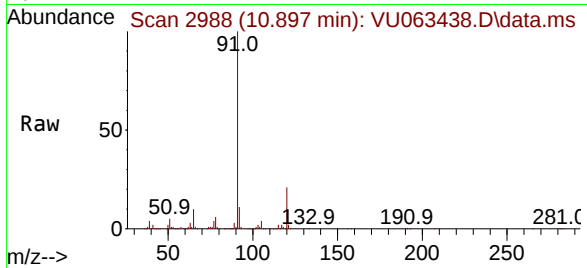




#73
n-propylbenzene
Concen: 10.268 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

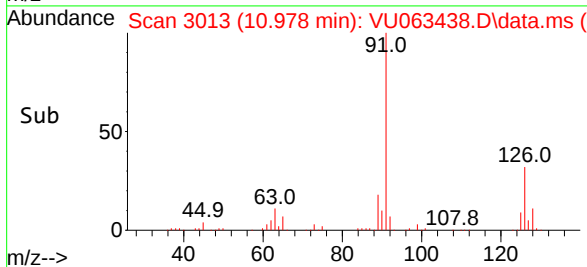
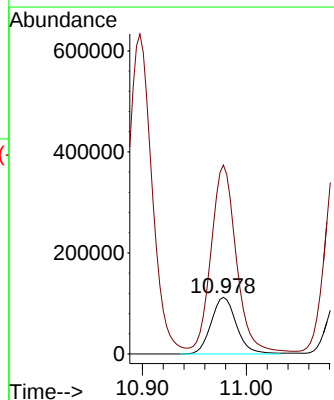
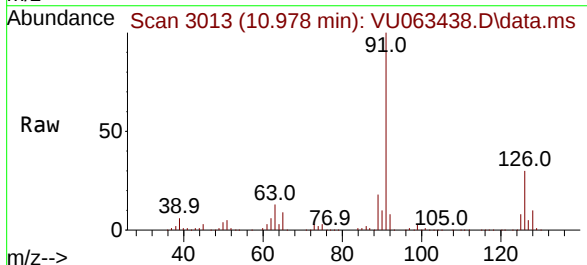
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

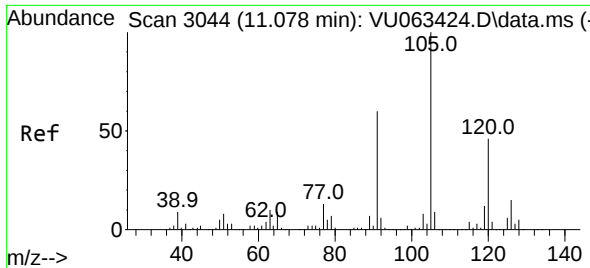
Tgt Ion:120 Resp: 214822
Ion Ratio Lower Upper
120 100
91 469.8 373.7 560.5



#74
2-Chlorotoluene
Concen: 11.816 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion:126 Resp: 188995
Ion Ratio Lower Upper
126 100
91 337.1 0.0 650.8

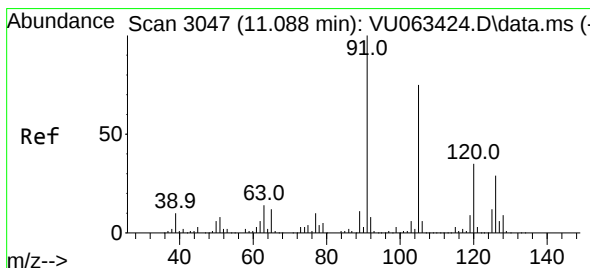
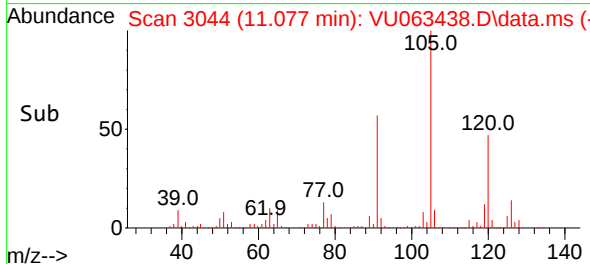
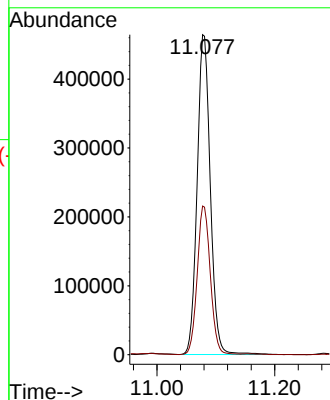
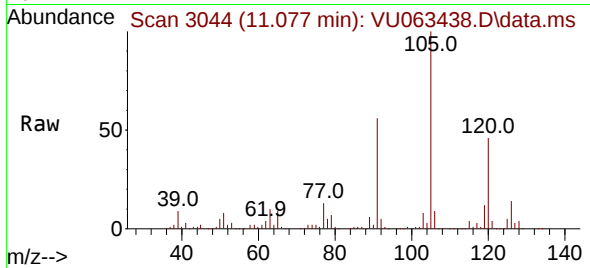




#75
1,3,5-Trimethylbenzene
Concen: 10.489 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

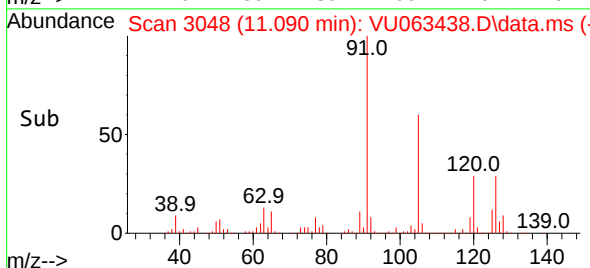
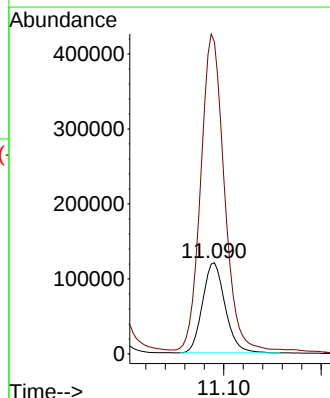
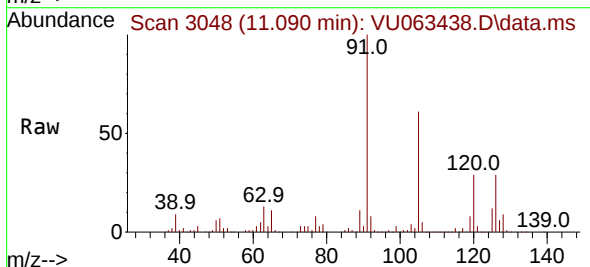
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

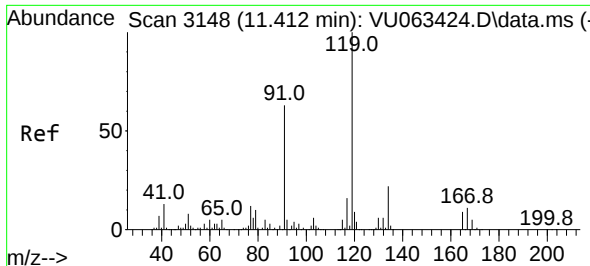
Tgt Ion:105 Resp: 721081
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.4



#76
4-Chlorotoluene
Concen: 11.546 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.002 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion:126 Resp: 193438
Ion Ratio Lower Upper
126 100
91 383.3 0.0 713.2

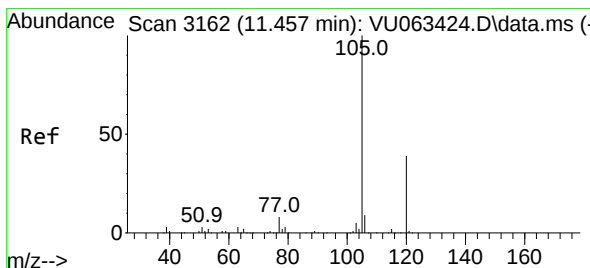
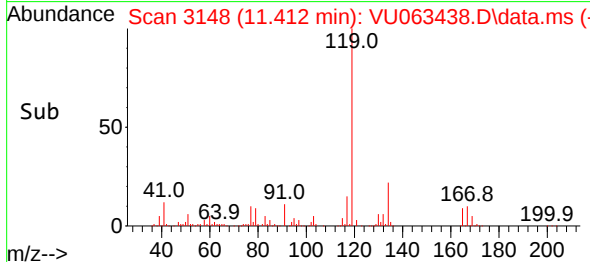
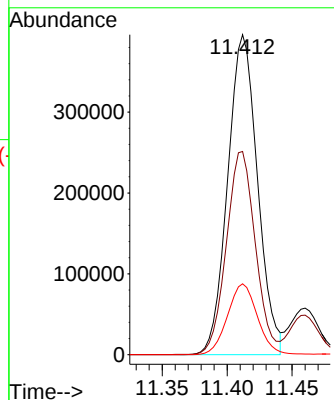
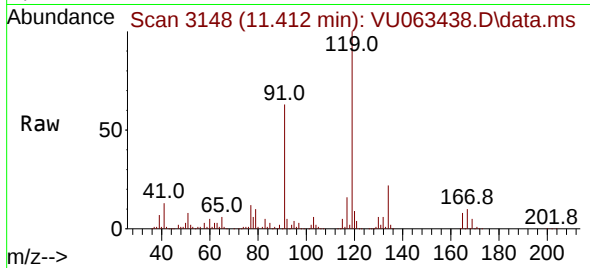




#77
 tert-Butylbenzene
 Concen: 11.982 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

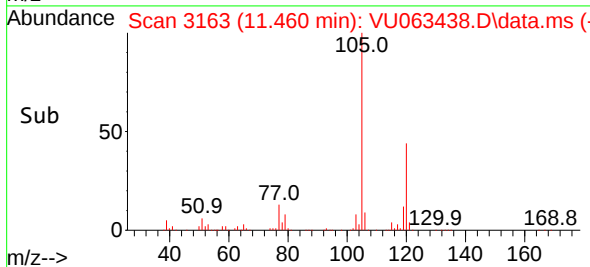
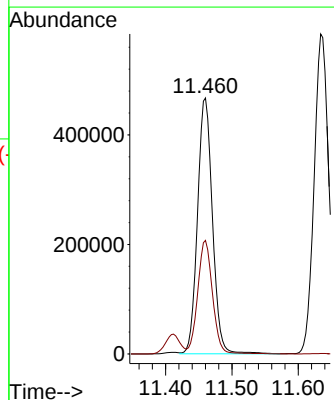
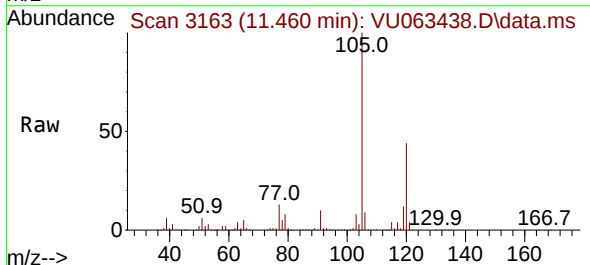
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

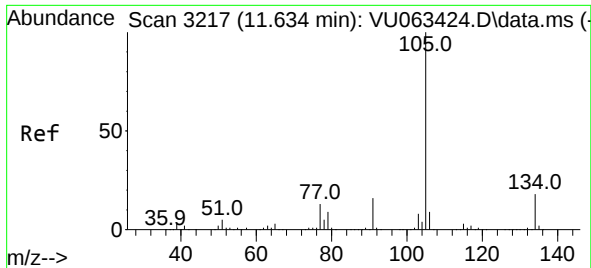
Tgt Ion:119 Resp: 634583
 Ion Ratio Lower Upper
 119 100
 91 61.8 30.9 92.7
 134 22.2 17.9 26.9



#78
 1,2,4-Trimethylbenzene
 Concen: 10.463 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.003 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

Tgt Ion:105 Resp: 731031
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.5

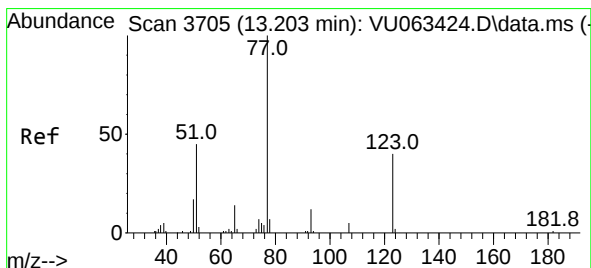
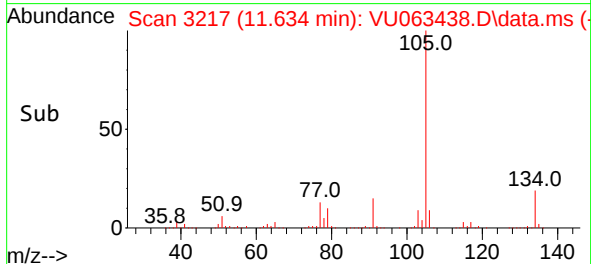
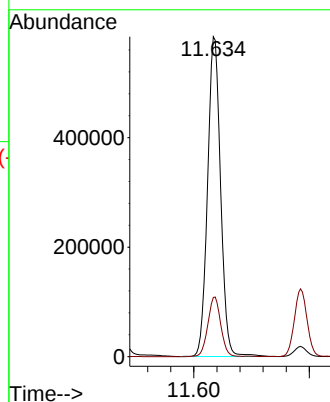
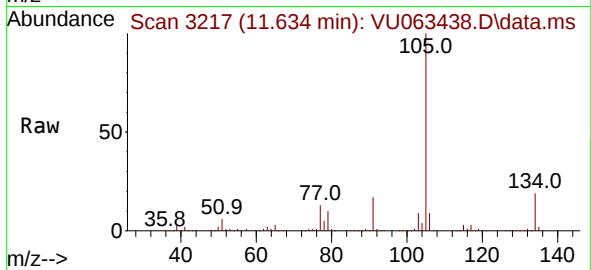




#79
 sec-Butylbenzene
 Concen: 12.165 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

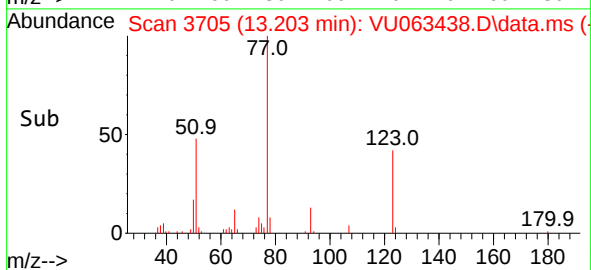
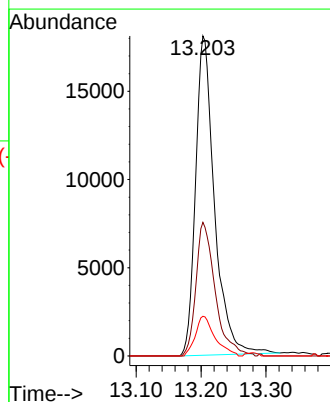
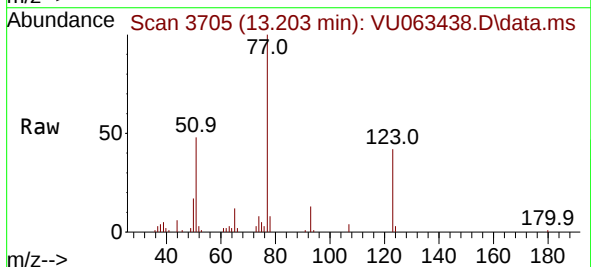
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

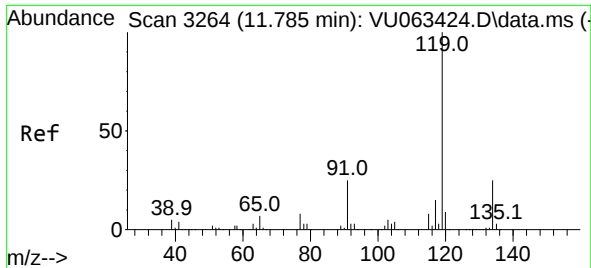
Tgt Ion:105 Resp: 912528
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.8 22.2



#80
 Nitrobenzene
 Concen: 46.523 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

Tgt Ion: 77 Resp: 36651
 Ion Ratio Lower Upper
 77 100
 123 42.6 19.6 69.6
 65 12.9 10.6 13.4

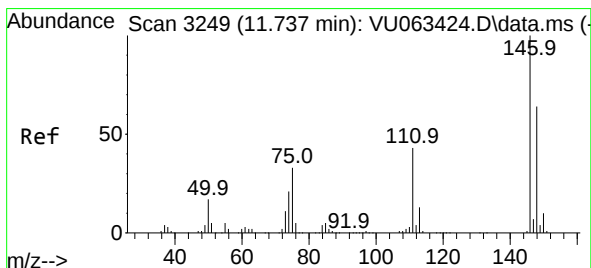
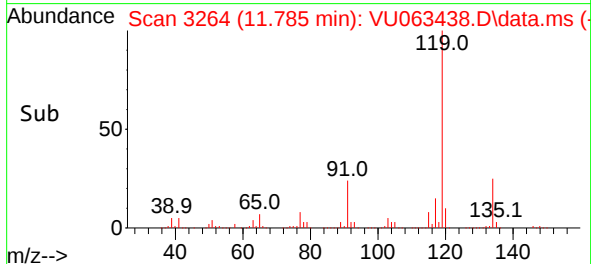
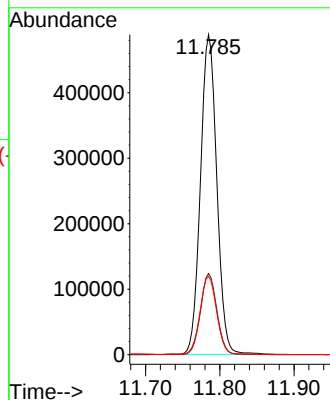
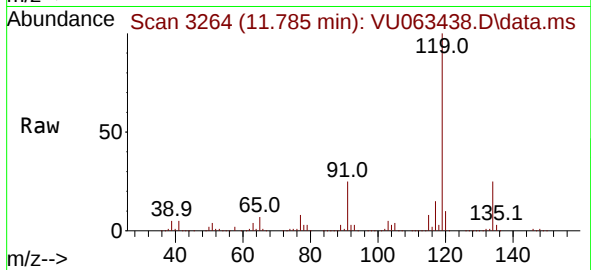




#81
p-Isopropyltoluene
Concen: 10.335 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

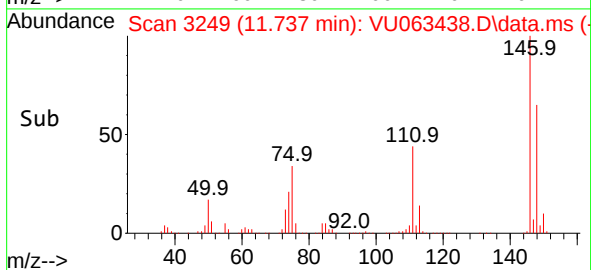
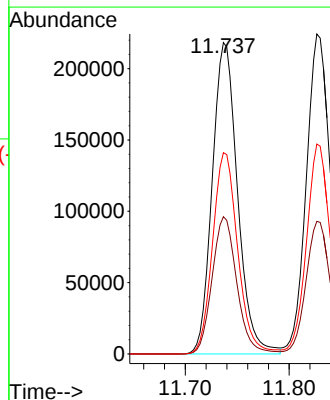
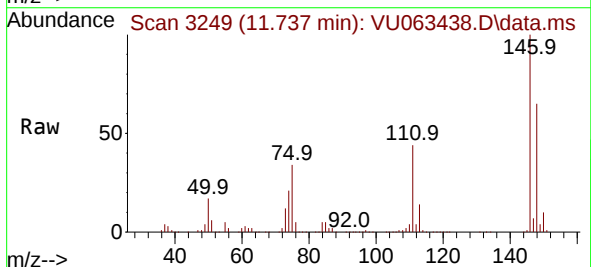
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

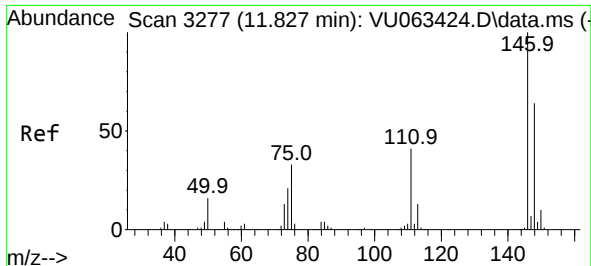
Tgt Ion:119 Resp: 746437
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.2
91 25.1 19.7 29.5



#82
1,3-Dichlorobenzene
Concen: 11.032 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion:146 Resp: 369781
Ion Ratio Lower Upper
146 100
111 43.1 34.3 51.5
148 64.2 51.0 76.4

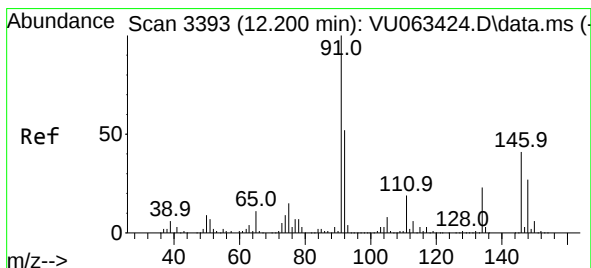
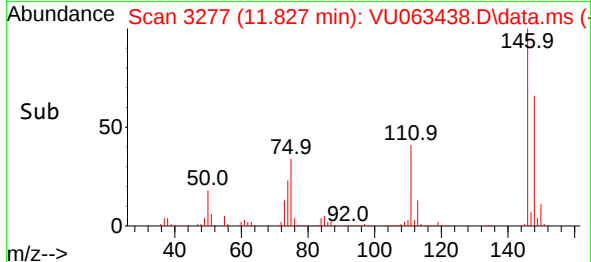
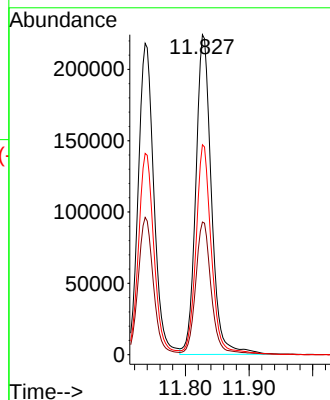
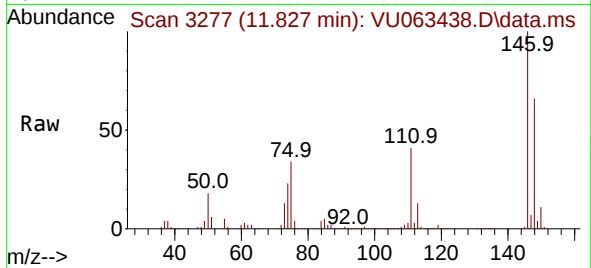




#83
 1,4-Dichlorobenzene
 Concen: 10.978 ug/l
 RT: 11.827 min Scan# 3277
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

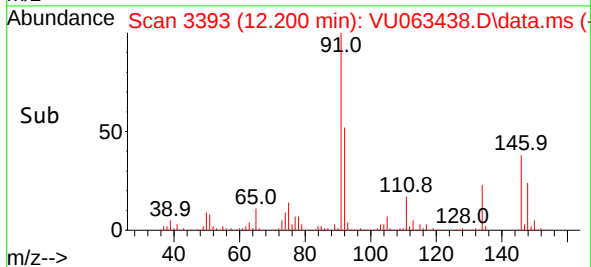
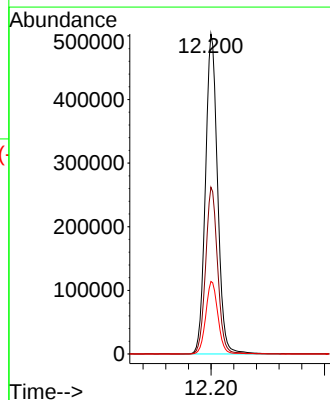
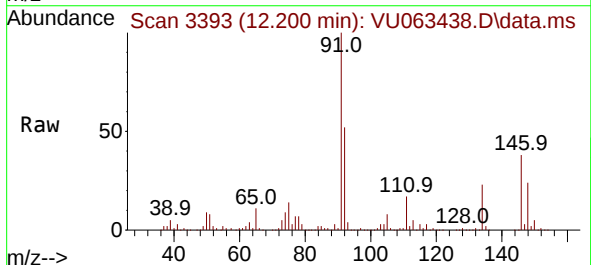
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

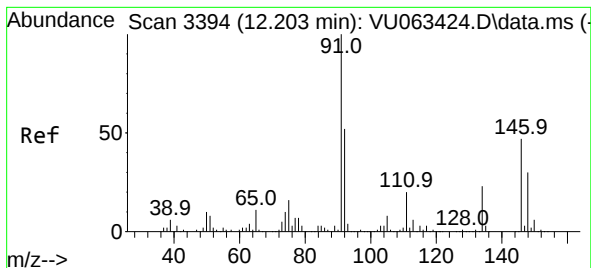
Tgt Ion:146 Resp: 381773
 Ion Ratio Lower Upper
 146 100
 111 40.8 31.7 47.5
 148 64.9 51.4 77.0



#84
 n-Butylbenzene
 Concen: 12.157 ug/l
 RT: 12.200 min Scan# 3393
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

Tgt Ion: 91 Resp: 746455
 Ion Ratio Lower Upper
 91 100
 92 51.6 41.0 61.6
 134 22.7 18.5 27.7





#85

1,2-Dichlorobenzene

Concen: 11.085 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

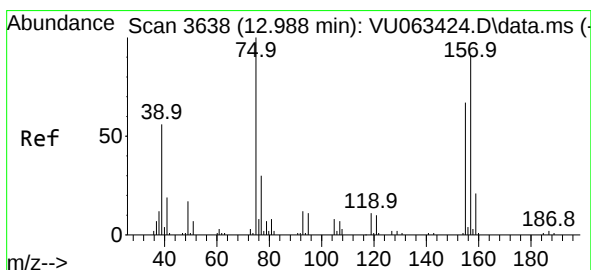
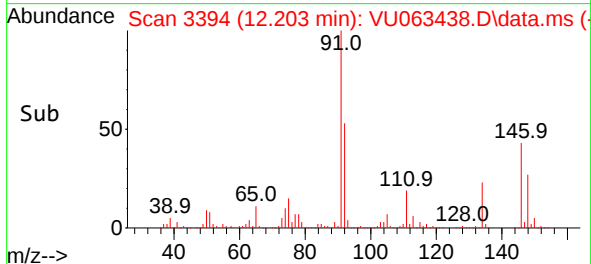
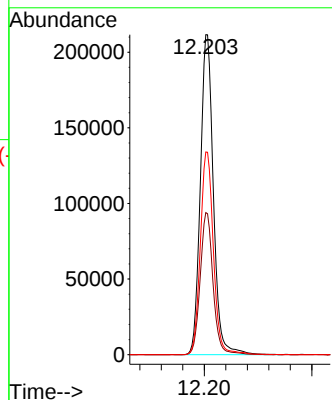
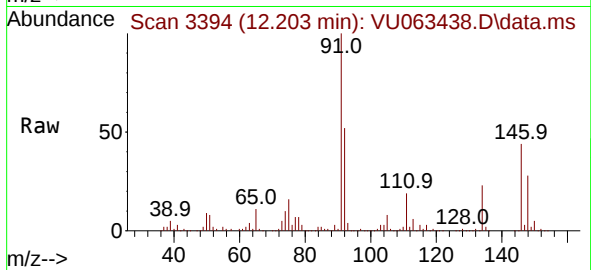
Tgt Ion:146 Resp: 355596

Ion Ratio Lower Upper

146 100

111 43.9 21.8 65.4

148 63.8 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 11.194 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. -0.001 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

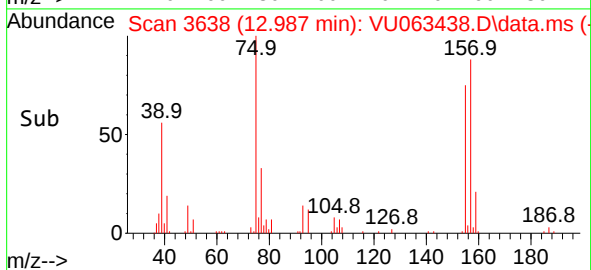
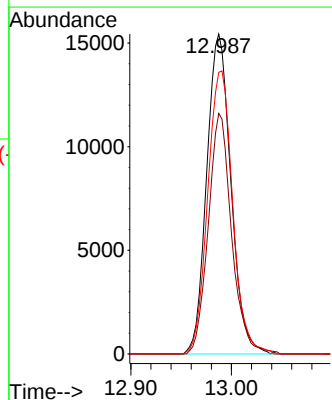
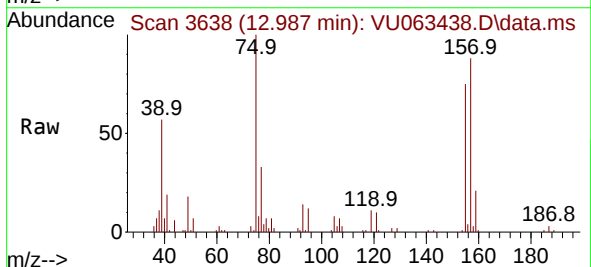
Tgt Ion: 75 Resp: 25805

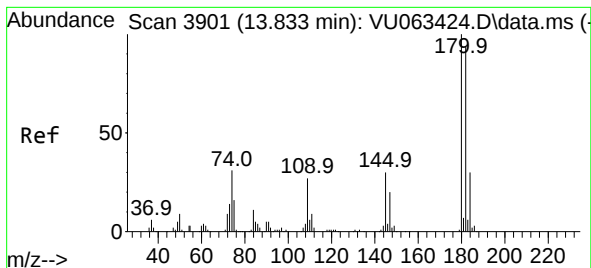
Ion Ratio Lower Upper

75 100

155 72.4 59.7 89.5

157 91.3 75.0 112.4





#87

1,2,4-Trichlorobenzene

Concen: 11.153 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

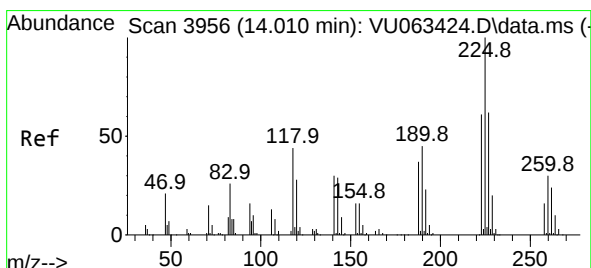
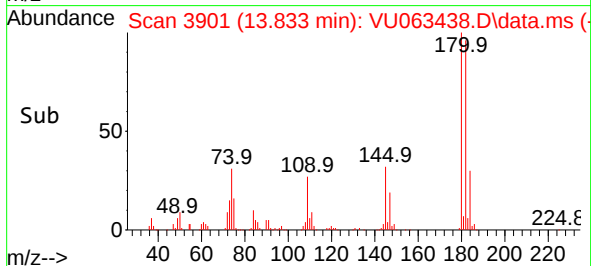
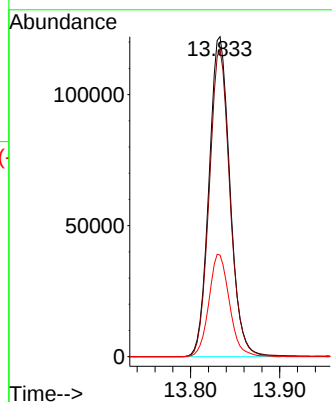
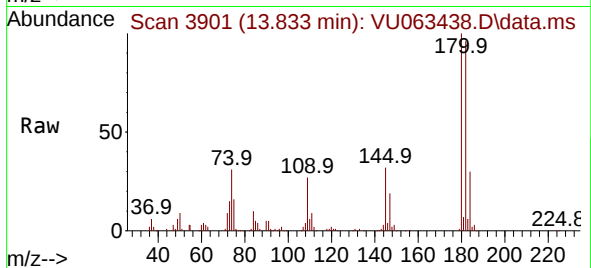
Tgt Ion:180 Resp: 199472

Ion Ratio Lower Upper

180 100

182 95.1 75.6 113.4

145 31.4 24.6 36.8



#88

Hexachlorobutadiene

Concen: 10.864 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

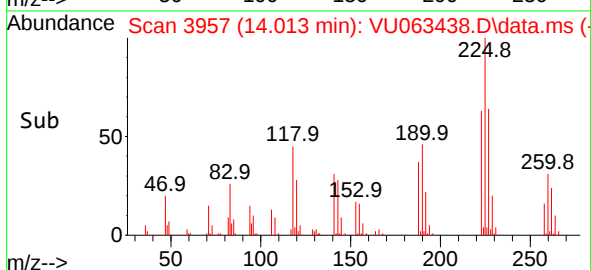
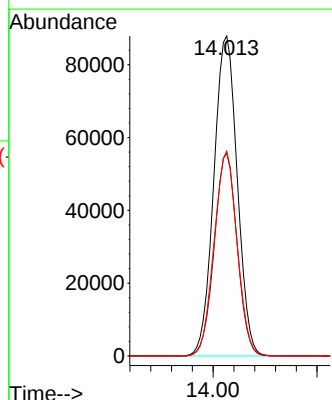
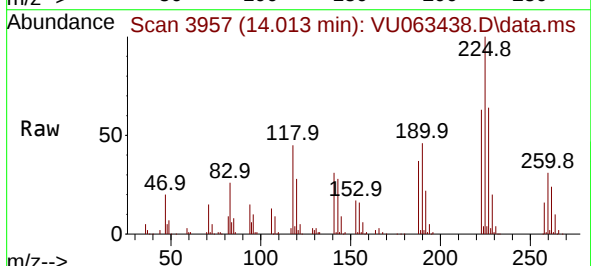
Tgt Ion:225 Resp: 137762

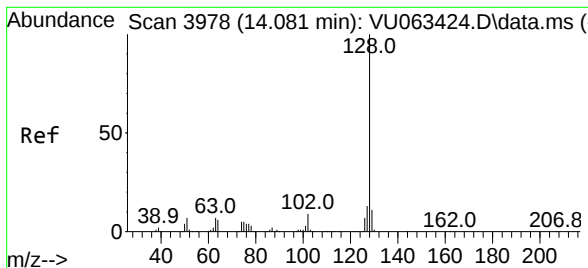
Ion Ratio Lower Upper

225 100

223 61.5 50.0 75.0

227 62.8 51.5 77.3





#89

Naphthalene

Concen: 9.319 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

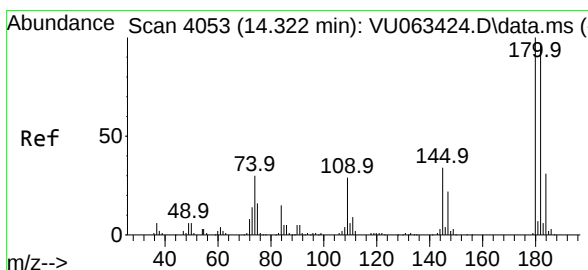
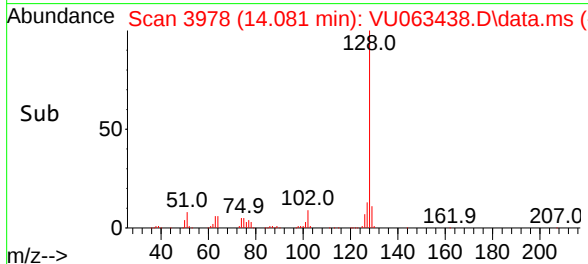
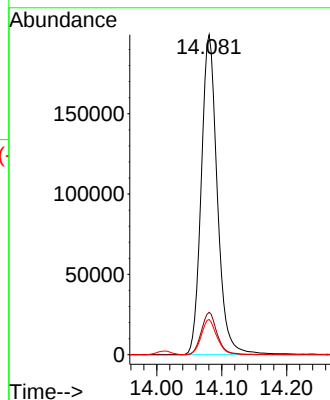
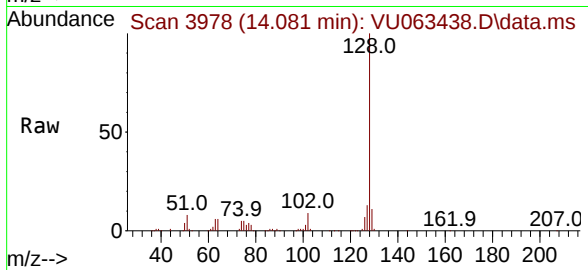
Tgt Ion:128 Resp: 343003

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 11.272 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Tgt Ion:180 Resp: 200460

Ion Ratio Lower Upper

180 100

182 94.6 76.7 115.1

145 33.5 27.4 41.2

