

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
 Data File : VU058171.D
 Acq On : 19 Mar 2024 23:25
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 20 05:25:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 20 05:19:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	125554	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	121888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60407	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38048	4.212	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.911	69	34230	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.563	65	17201	4.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.631	46	93674	62.936	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.880%
24) Chloroform-d	5.055	84	84419	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.695	65	40131	5.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.721	84	161126	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.682	67	50941	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.891	98	143708	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.174	79	15671	4.220	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.627	63	79341	63.639	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	34861	5.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	47482	4.773	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	33834	4.448	ug/L	98
3) Chloromethane	1.518	50	41109	4.621	ug/L	99
5) Vinyl chloride	1.602	62	46389	4.848	ug/L	99
6) Bromomethane	1.856	94	22446	4.454	ug/L	96
8) Chloroethane	1.930	64	30575	5.075	ug/L	95
9) Trichlorofluoromethane	2.136	101	70100	5.143	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	44823	5.260	ug/L	99
12) 1,1-Dichloroethene	2.576	96	39344	5.194	ug/L	96
13) Acetone	2.644	43	65560	59.187	ug/L	98
14) Carbon disulfide	2.788	76	96638	4.125	ug/L	100
15) Methyl Acetate	2.956	43	15355	6.247	ug/L	95
16) Methylene chloride	3.039	84	48848	5.305	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	101149	5.646	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	41658	5.048	ug/L	96
19) 1,1-Dichloroethane	3.862	63	91737	5.573	ug/L	98
21) 2-Butanone	4.708	43	104141	59.668	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	50728	5.588	ug/L	98
23) Bromochloromethane	4.965	128	19547	5.799	ug/L	96
25) Chloroform	5.078	83	94762	5.639	ug/L	97

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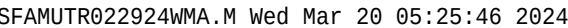
Instrument :
 MSVOA_U
 ClientSampleId :

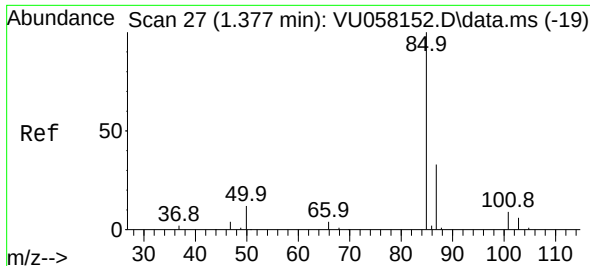
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	54928	5.904	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	76026	5.241	ug/L	99
30) Cyclohexane	5.380	56	67390	4.600	ug/L	99
31) Carbon tetrachloride	5.518	117	67576	5.360	ug/L	100
33) Benzene	5.769	78	192351	5.143	ug/L	100
34) Trichloroethene	6.534	95	62228	6.323	ug/L	98
35) Methylcyclohexane	6.756	83	68452	4.538	ug/L	100
37) 1,2-Dichloropropane	6.782	63	52328	5.426	ug/L	98
38) Bromodichloromethane	7.097	83	64500	5.512	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	67819	5.104	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	278261	62.717	ug/L	99
42) Toluene	7.962	91	205292	5.271	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	55838	5.273	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	34191	5.979	ug/L	96
47) Tetrachloroethene	8.547	164	34149	5.002	ug/L	97
48) 2-Hexanone	8.679	43	204909	62.977	ug/L	99
49) Dibromochloromethane	8.801	129	38293	5.657	ug/L	99
50) 1,2-Dibromoethane	8.917	107	29010	5.716	ug/L	91
51) Chlorobenzene	9.441	112	129624	5.307	ug/L	99
52) Ethylbenzene	9.563	91	227239	5.213	ug/L	99
53) m,p-Xylene	9.688	106	81515	5.234	ug/L	97
54) o-Xylene	10.094	106	80994	5.218	ug/L	99
55) Styrene	10.106	104	134785	5.533	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	39940	5.929	ug/L	98
59) Bromoform	10.286	173	18871	5.601	ug/L	96
60) Isopropylbenzene	10.476	105	212630	5.285	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	29655	5.993	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	176055	5.189	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	176193	5.261	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	100556	5.499	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	96539	5.394	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	90789	5.687	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	6309	6.426	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	71151	5.409	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	56579	5.725	ug/L	97
71) Naphthalene	14.084	128	83417	6.180	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	47899	6.135	ug/L	97

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

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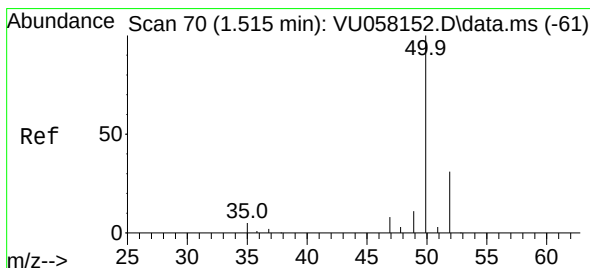
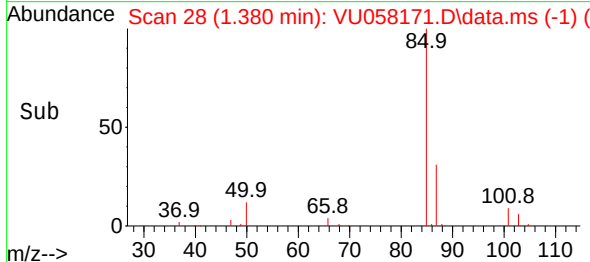
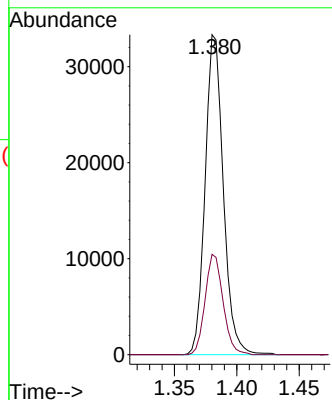
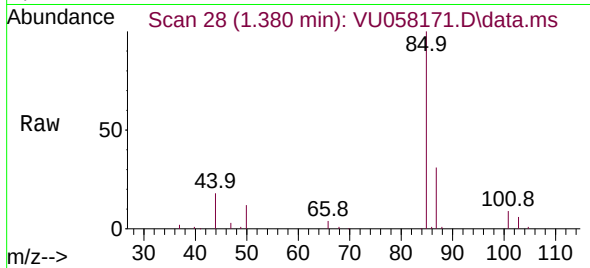




#2
Dichlorodifluoromethane
Concen: 4.448 ug/L
RT: 1.380 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

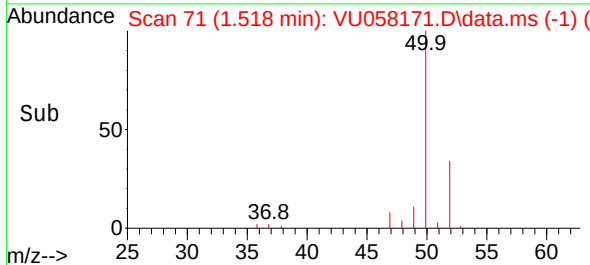
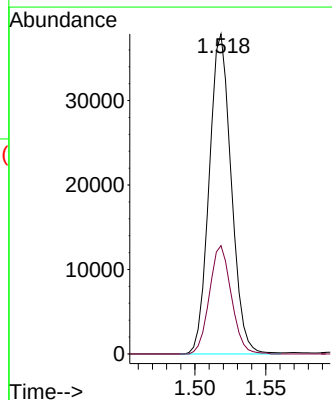
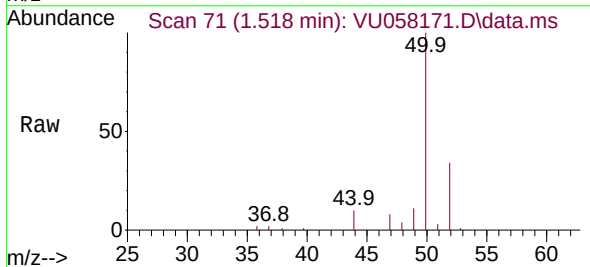
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MSVOA_U
ClientSampleId :

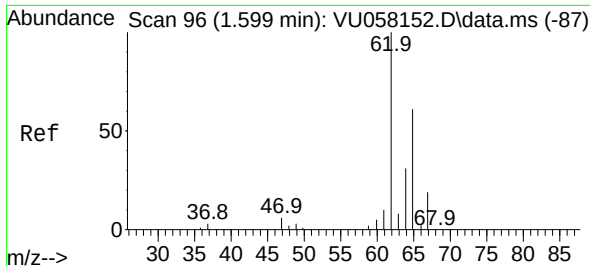
Tgt Ion: 85 Resp: 33834
Ion Ratio Lower Upper
85 100
87 30.9 25.8 38.6



#3
Chloromethane
Concen: 4.621 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Tgt Ion: 50 Resp: 41109
Ion Ratio Lower Upper
50 100
52 33.8 23.1 42.9

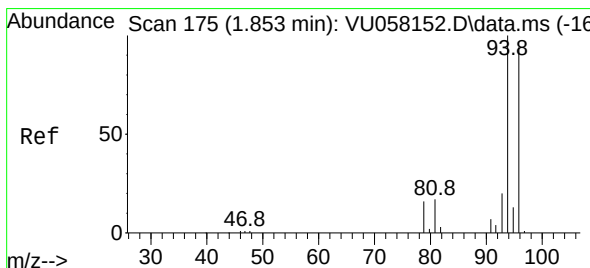
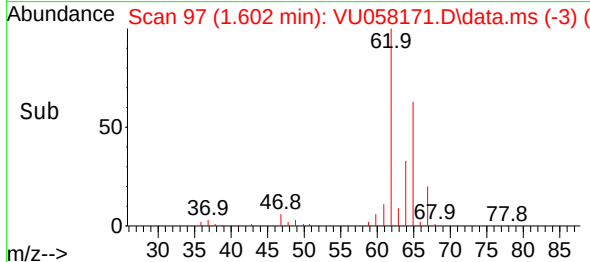
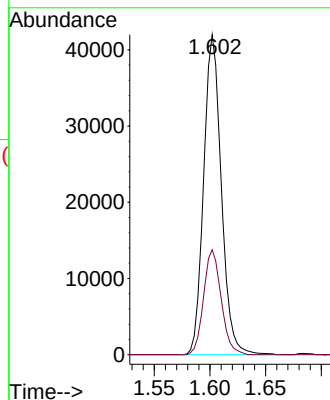
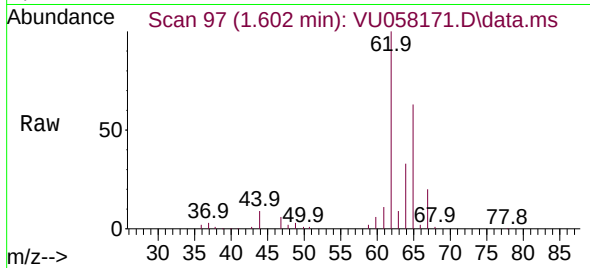




#5
Vinyl chloride
Concen: 4.848 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

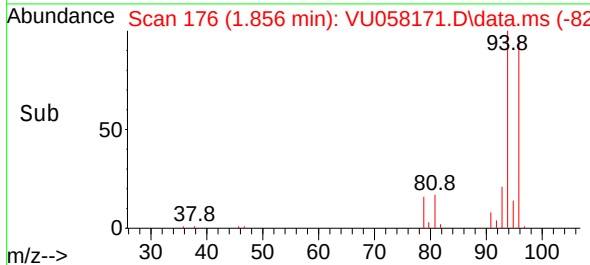
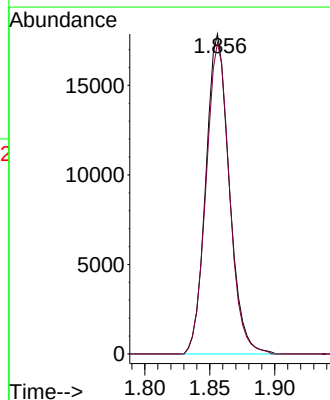
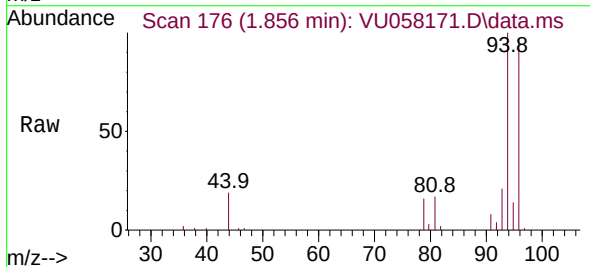
Instrument :
MSVOA_U
ClientSampleId :

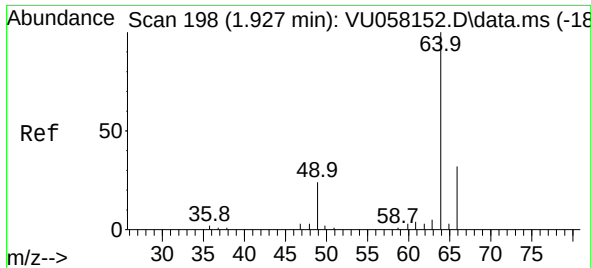
Tgt Ion: 62 Resp: 46389
Ion Ratio Lower Upper
62 100
64 32.8 22.5 41.7



#6
Bromomethane
Concen: 4.454 ug/L
RT: 1.856 min Scan# 176
Delta R.T. 0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Tgt Ion: 94 Resp: 22446
Ion Ratio Lower Upper
94 100
96 97.3 65.2 121.2

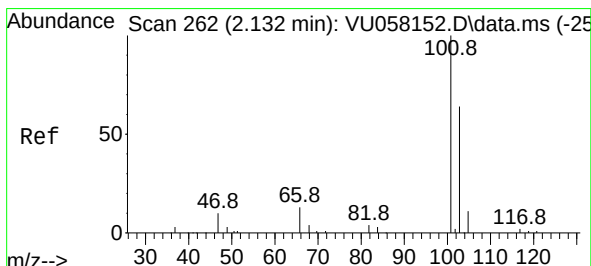
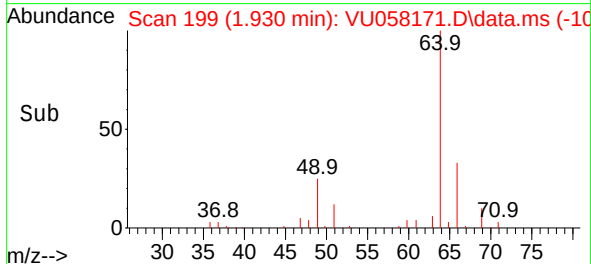
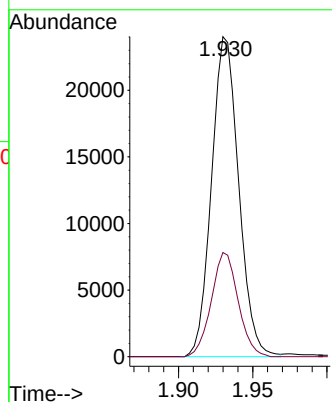
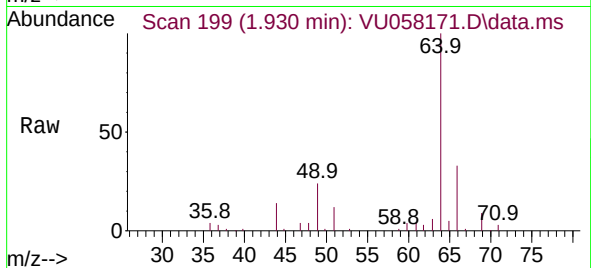




#8
Chloroethane
Concen: 5.075 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

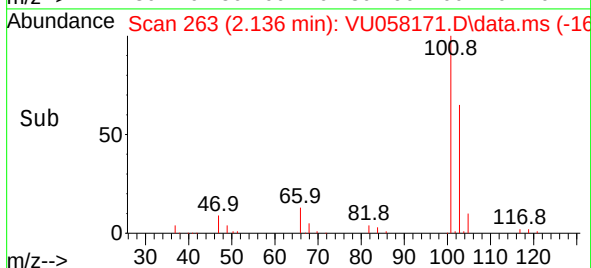
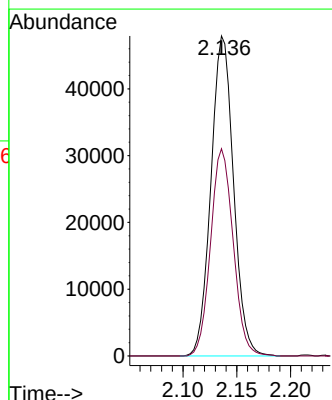
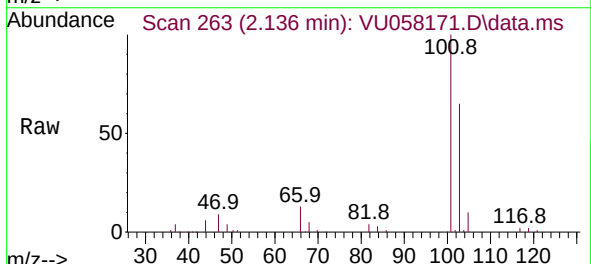
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ClientSampleId :

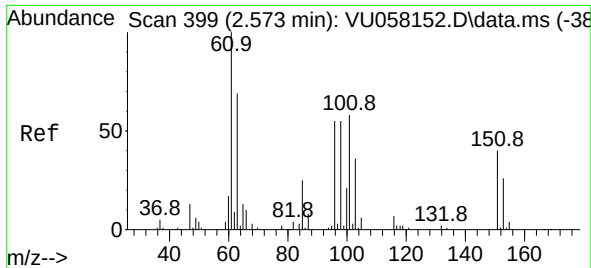
Tgt Ion: 64 Resp: 30575
Ion Ratio Lower Upper
64 100
66 32.6 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.143 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Tgt Ion:101 Resp: 70100
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

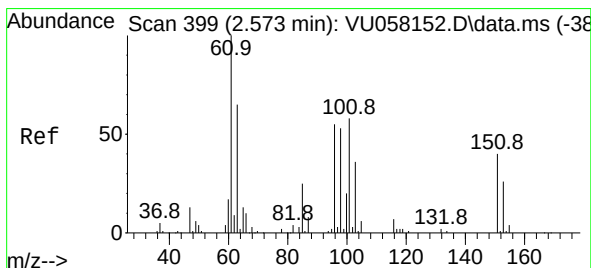
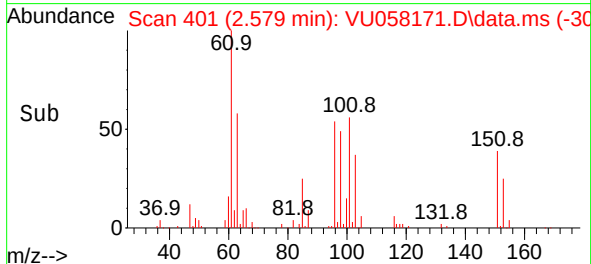
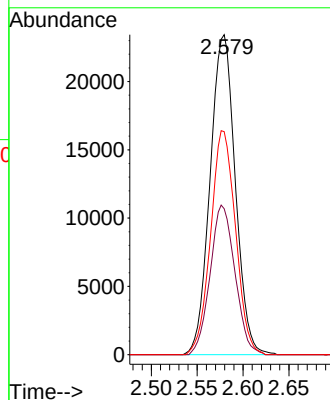
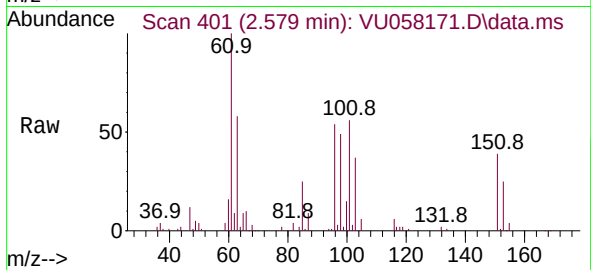




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.260 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.007 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

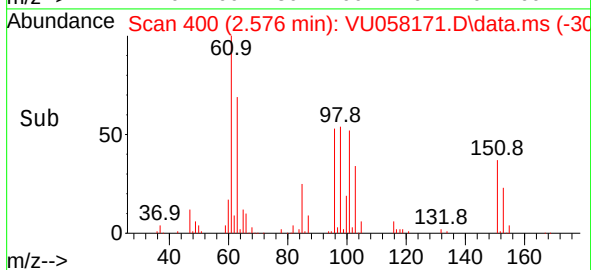
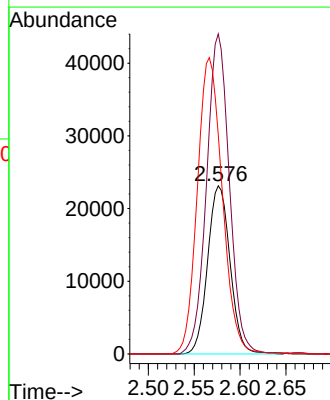
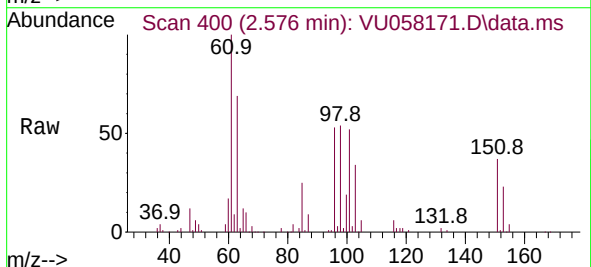
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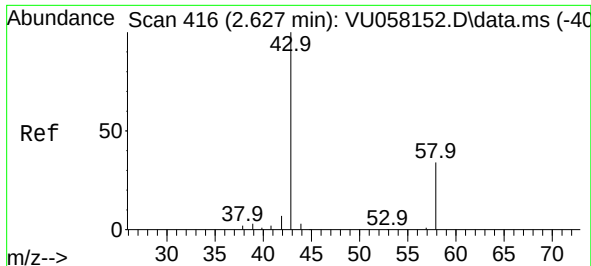
Tgt Ion:101 Resp: 44823
Ion Ratio Lower Upper
101 100
85 46.0 37.3 55.9
151 69.2 56.0 84.0



#12
1,1-Dichloroethene
Concen: 5.194 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Tgt Ion: 96 Resp: 39344
Ion Ratio Lower Upper
96 100
61 190.2 131.8 244.8
63 130.3 98.1 182.1





#13

Acetone

Concen: 59.187 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

Instrument :

MSVOA_U

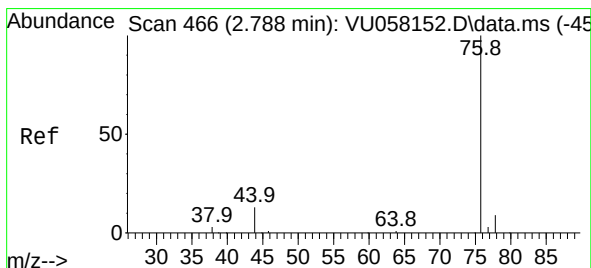
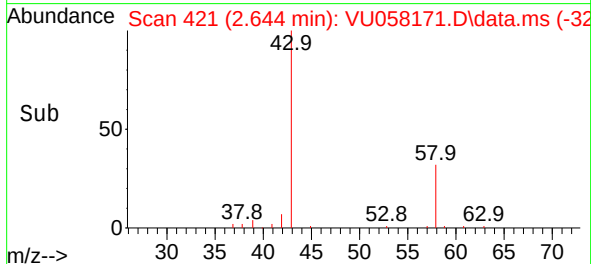
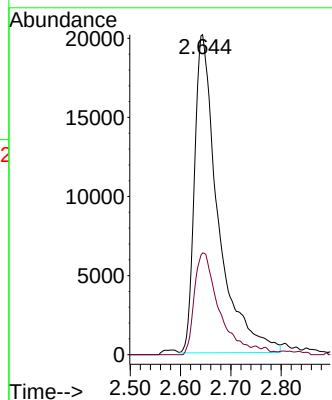
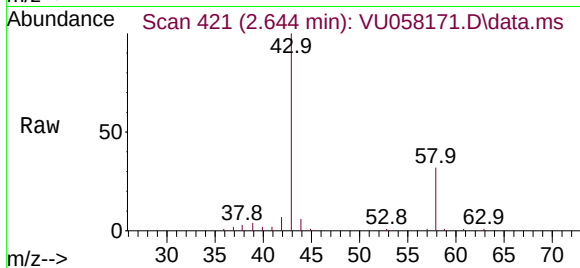
ClientSampleId :

Tgt Ion: 43 Resp: 65560

Ion Ratio Lower Upper

43 100

58 32.9 0.0 63.6



#14

Carbon disulfide

Concen: 4.125 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU058171.D

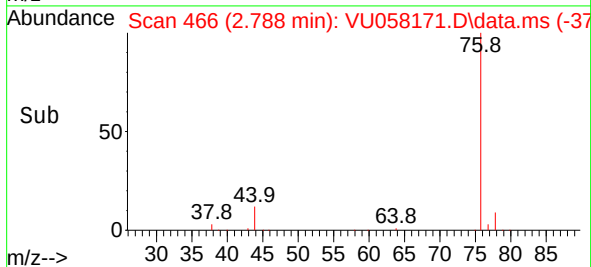
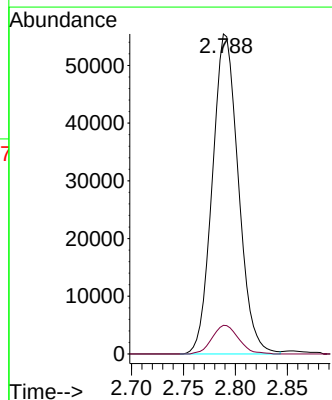
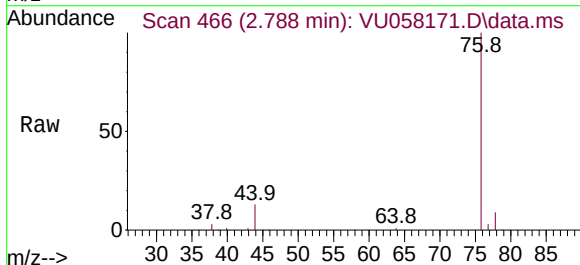
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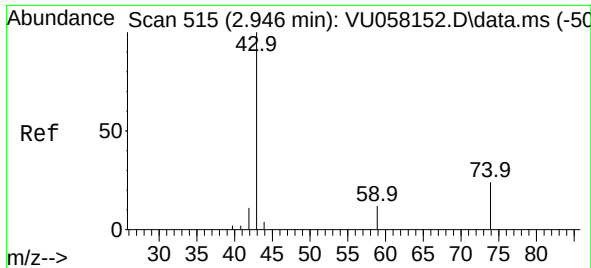
Tgt Ion: 76 Resp: 96638

Ion Ratio Lower Upper

76 100

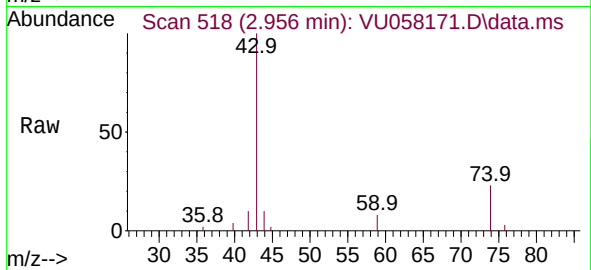
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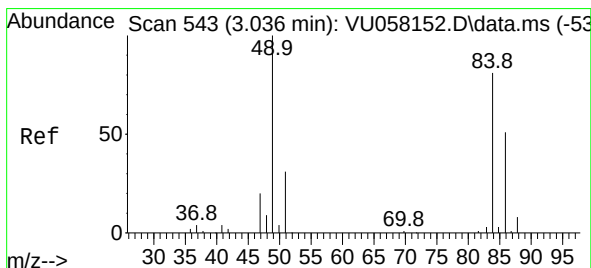
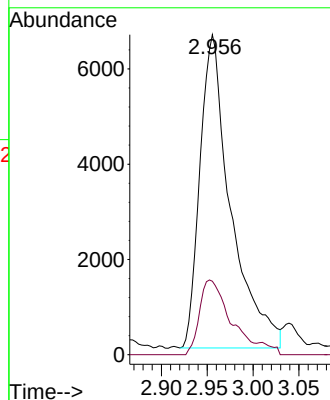
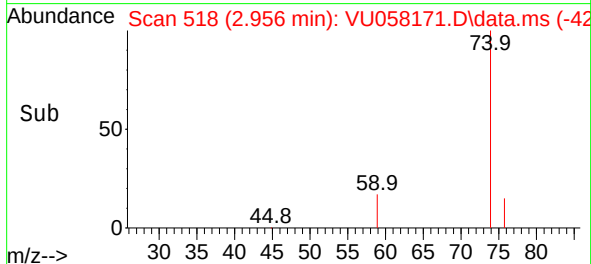


#15
Methyl Acetate
Concen: 6.247 ug/L
RT: 2.956 min Scan# 515
Delta R.T. 0.010 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Instrument :
MSVOA_U
ClientSampleId :

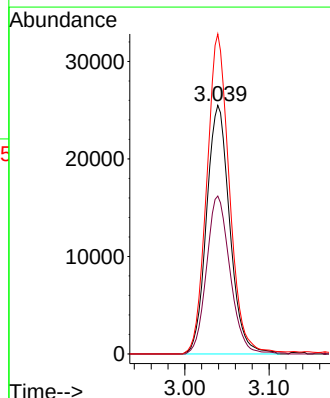
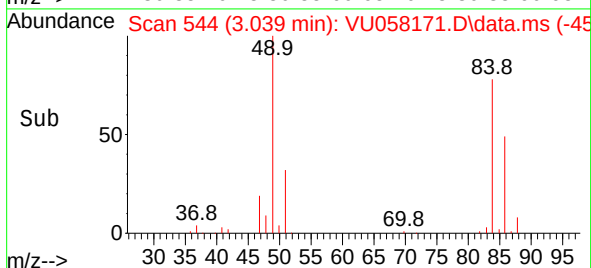
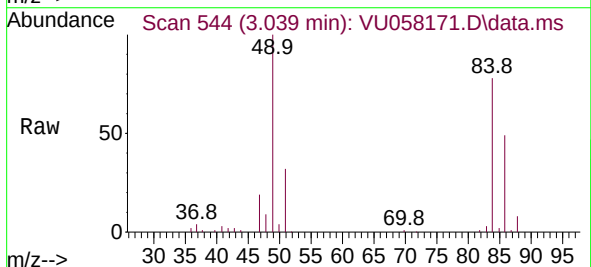


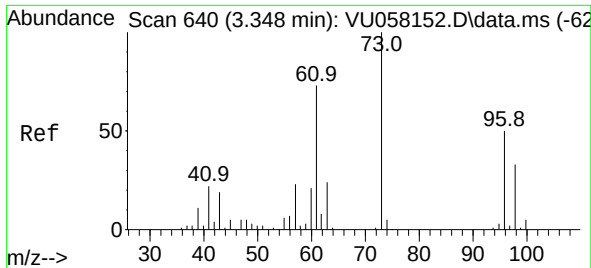
Tgt Ion: 43 Resp: 15355
Ion Ratio Lower Upper
43 100
74 23.5 20.6 31.0



#16
Methylene chloride
Concen: 5.305 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Tgt Ion: 84 Resp: 48848
Ion Ratio Lower Upper
84 100
86 63.5 44.4 82.4
49 128.7 88.8 165.0

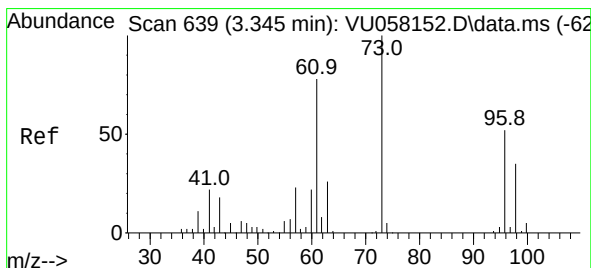
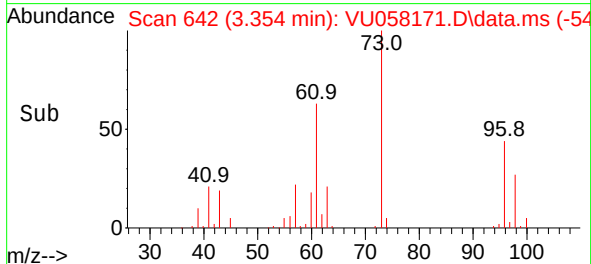
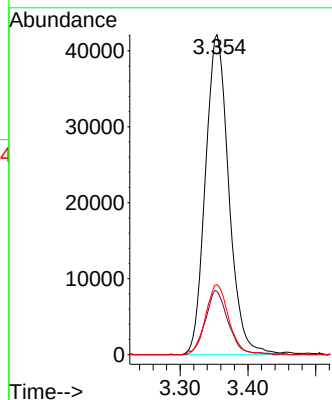
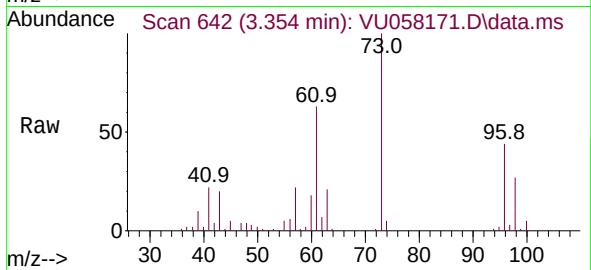




#17
Methyl tert-butyl Ether
Concen: 5.646 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.007 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

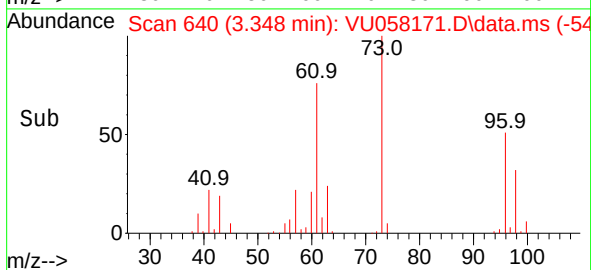
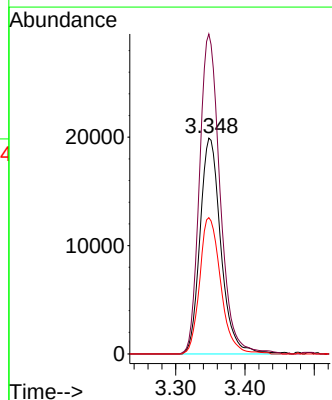
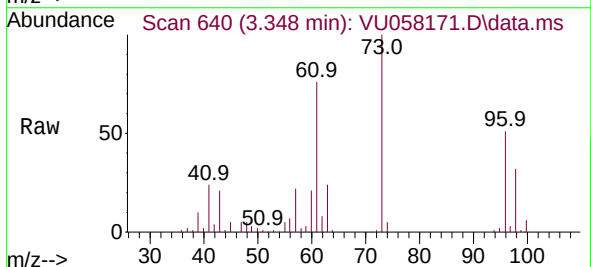
Instrument :
MSVOA_U
ClientSampleId :

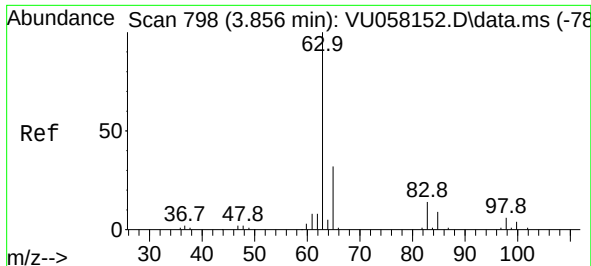
Tgt Ion: 73	Resp: 101149
Ion Ratio	Lower Upper
73 100	
43 19.7	16.2 24.4
57 21.5	17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.048 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

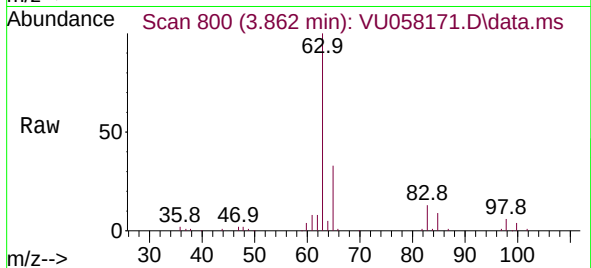
Tgt Ion: 96	Resp: 41658
Ion Ratio	Lower Upper
96 100	
61 148.2	107.7 199.9
98 63.1	45.8 85.0



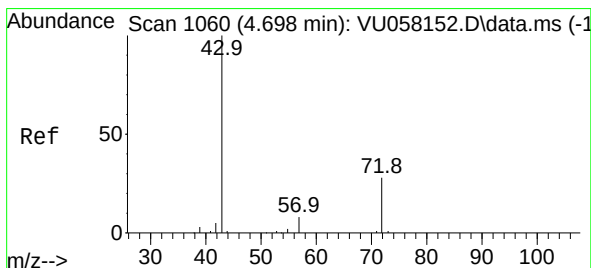
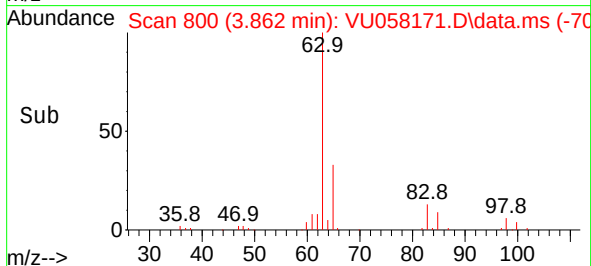
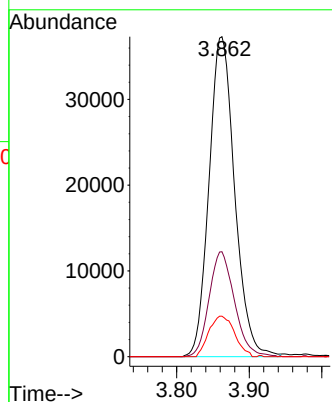


#19
1,1-Dichloroethane
Concen: 5.573 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.007 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Instrument :
MSVOA_U
ClientSampleId :

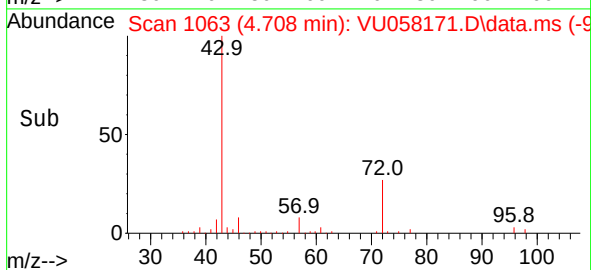
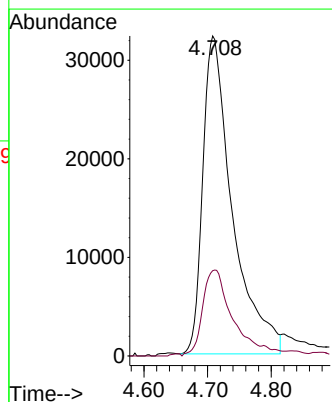
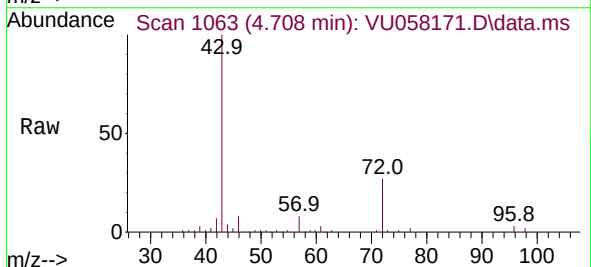


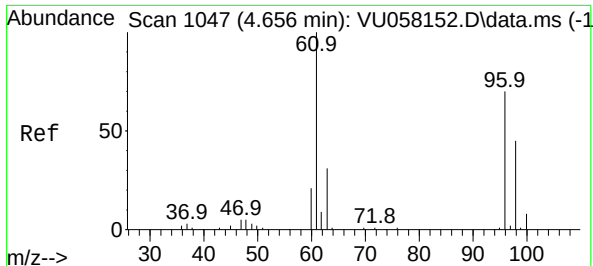
Tgt Ion: 63 Resp: 91737
Ion Ratio Lower Upper
63 100
65 33.4 22.1 41.1
83 12.7 9.0 16.6



#21
2-Butanone
Concen: 59.668 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.010 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Tgt Ion: 43 Resp: 104141
Ion Ratio Lower Upper
43 100
72 27.9 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 5.588 ug/L

RT: 4.660 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

Instrument :

MSVOA_U

ClientSampleId :

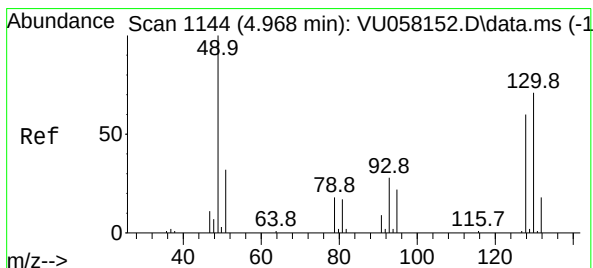
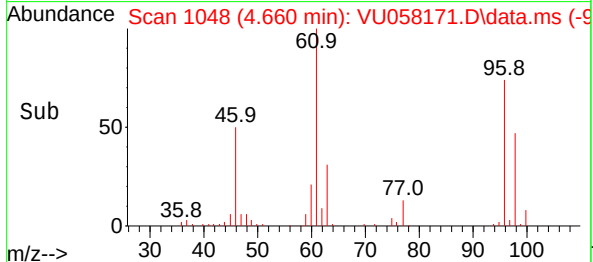
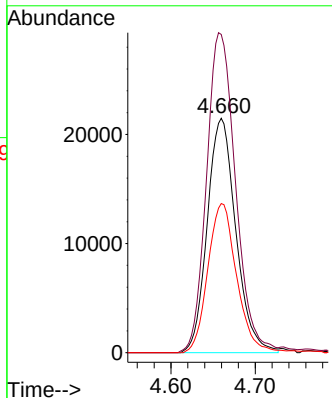
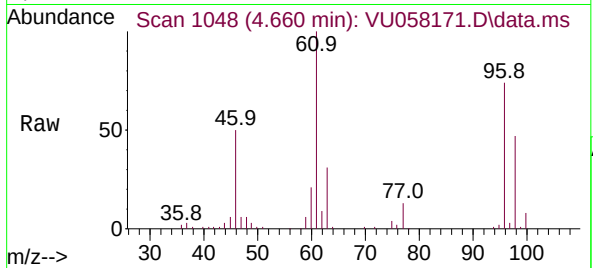
Tgt Ion: 96 Resp: 50728

Ion Ratio Lower Upper

96 100

61 135.7 97.2 180.4

98 63.6 45.5 84.5



#23

Bromochloromethane

Concen: 5.799 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

Tgt Ion:128 Resp: 19547

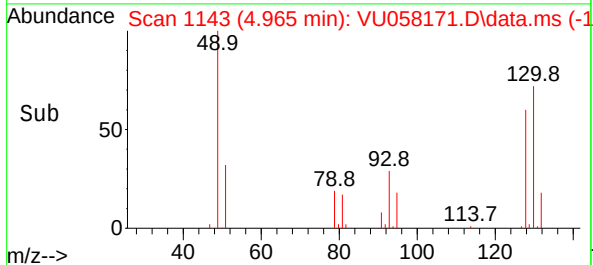
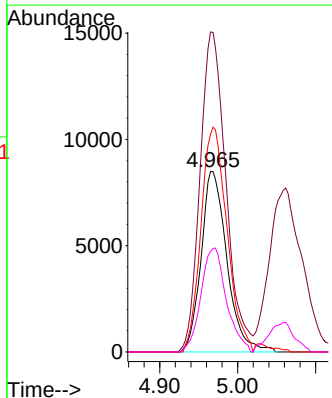
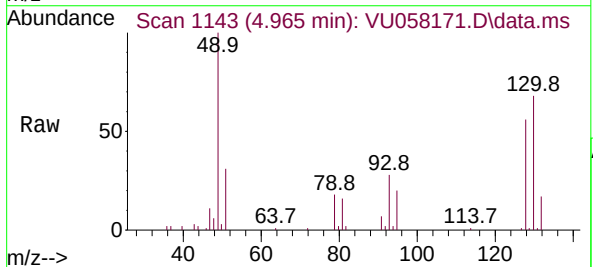
Ion Ratio Lower Upper

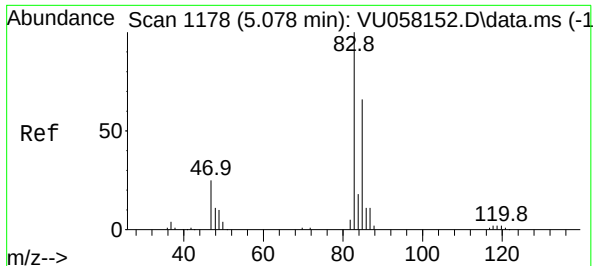
128 100

49 182.5 122.0 226.6

130 120.6 86.6 160.8

51 55.8 44.6 66.8

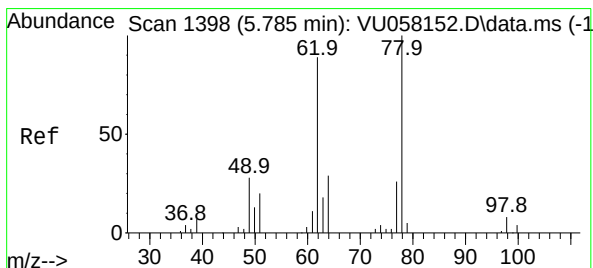
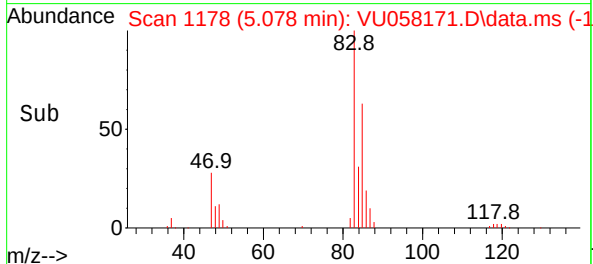
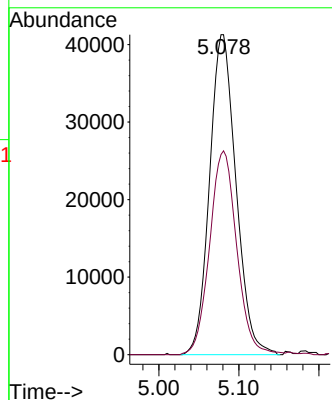
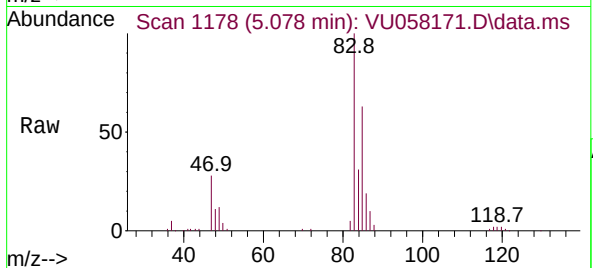




#25
Chloroform
Concen: 5.639 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

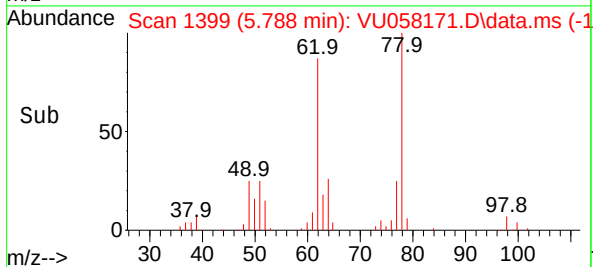
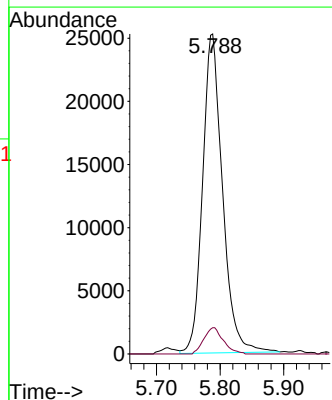
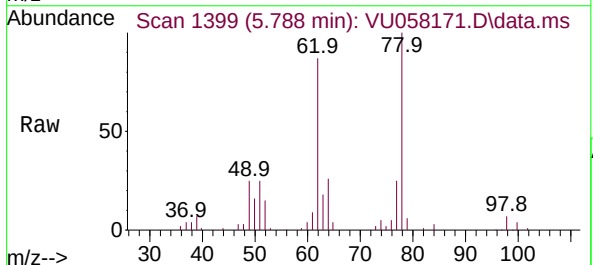
Instrument :
MSVOA_U
ClientSampleId :

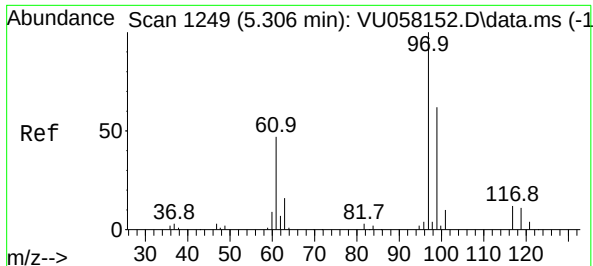
Tgt Ion: 83 Resp: 94762
Ion Ratio Lower Upper
83 100
85 62.6 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.904 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Tgt Ion: 62 Resp: 54928
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.4

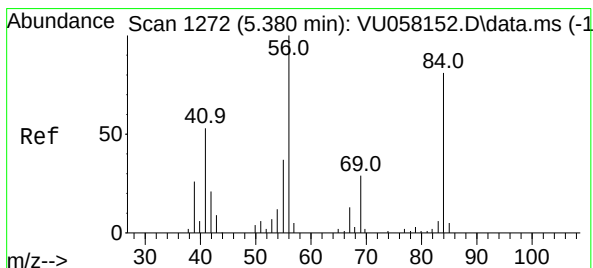
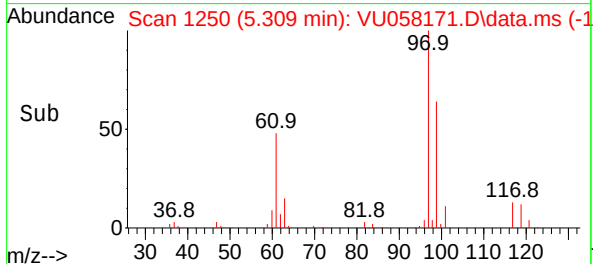
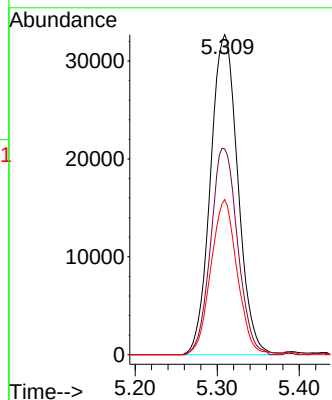
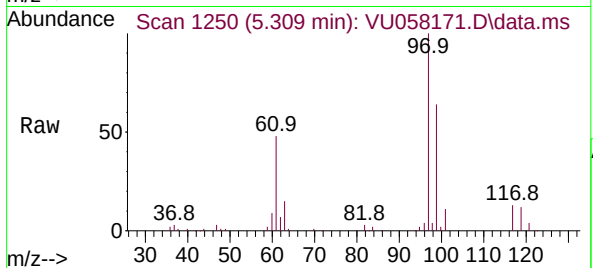




#29
1,1,1-Trichloroethane
Concen: 5.241 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

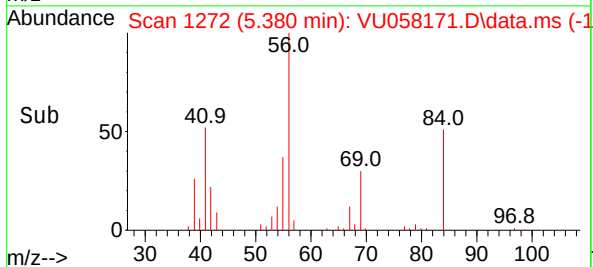
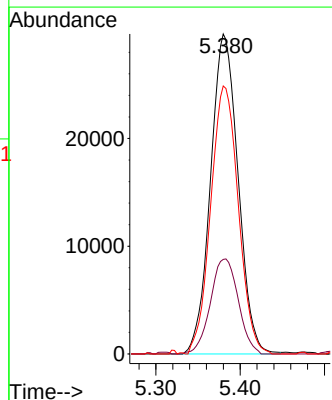
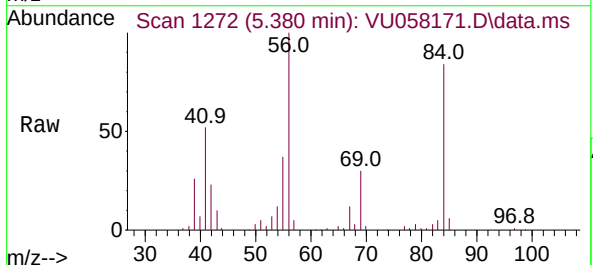
Instrument :
MSVOA_U
ClientSampleId :

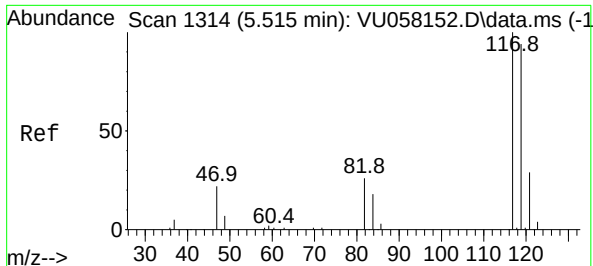
Tgt Ion: 97	Resp: 76026
Ion Ratio	Lower Upper
97	100
99	63.3 51.2 76.8
61	46.6 37.4 56.2



#30
Cyclohexane
Concen: 4.600 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Tgt Ion: 56	Resp: 67390
Ion Ratio	Lower Upper
56	100
69	30.0 24.2 36.2
84	84.0 66.6 99.8

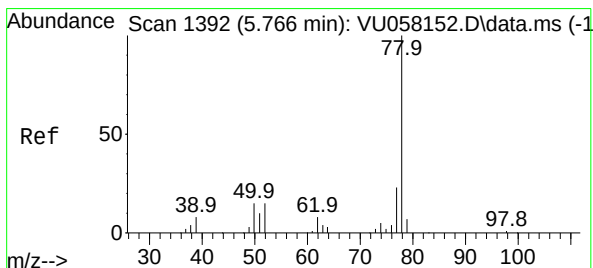
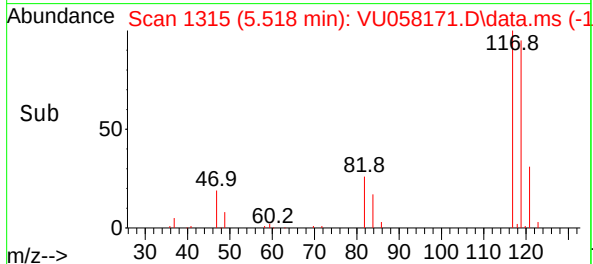
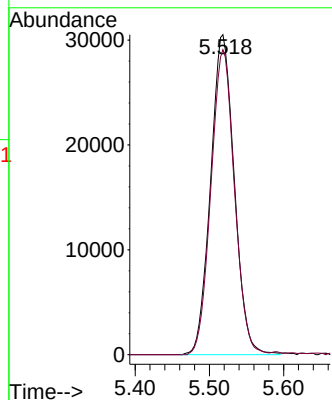
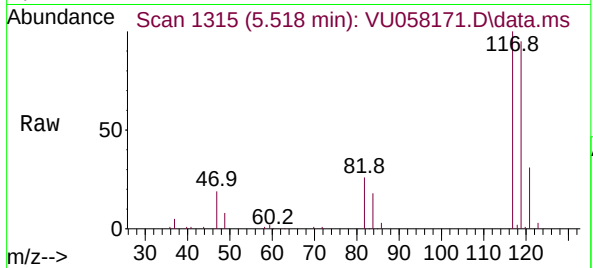




#31
Carbon tetrachloride
Concen: 5.360 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

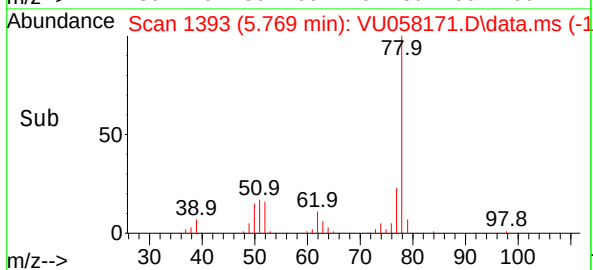
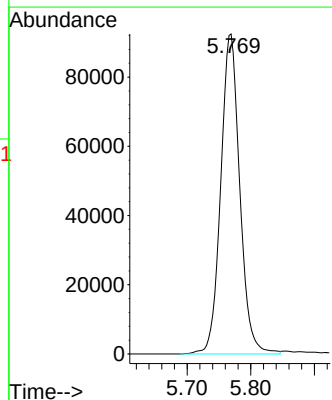
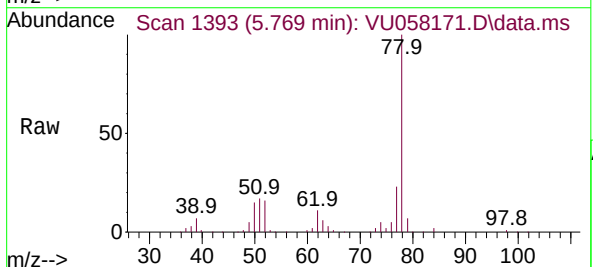
Instrument :
MSVOA_U
ClientSampleId :

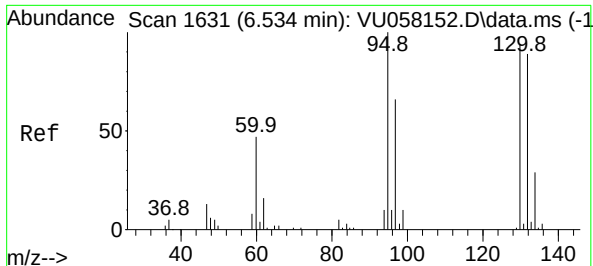
Tgt Ion:117 Resp: 67576
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8



#33
Benzene
Concen: 5.143 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

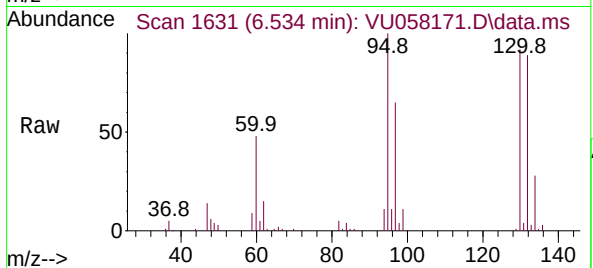
Tgt Ion: 78 Resp: 192351



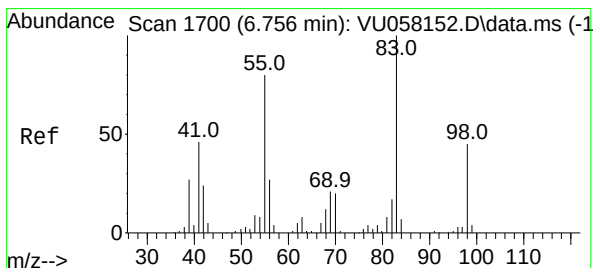
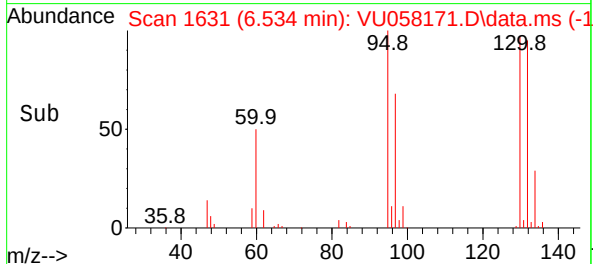
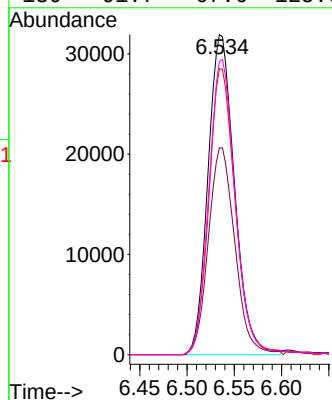


#34
Trichloroethene
Concen: 6.323 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Instrument :
MSVOA_U
ClientSampleId :

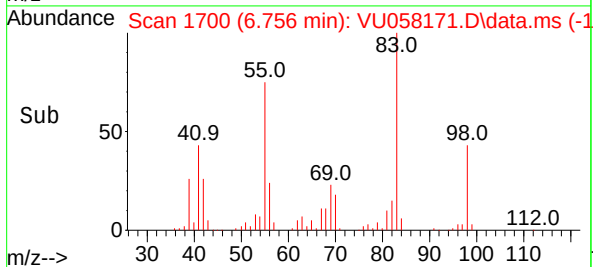
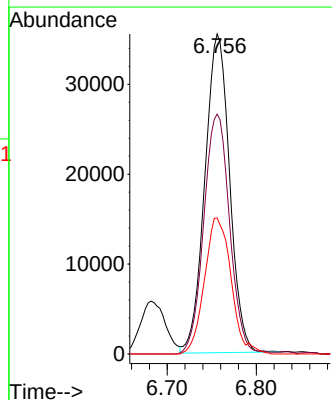
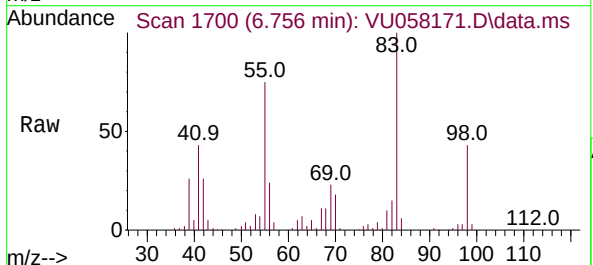


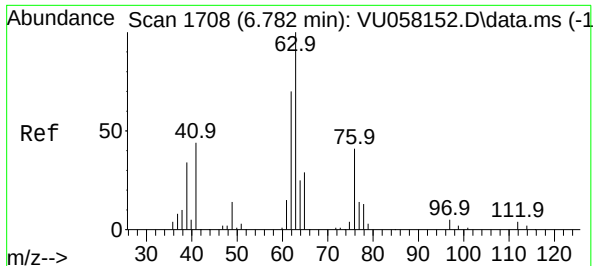
Tgt Ion: 95 Resp: 62228
Ion Ratio Lower Upper
95 100
97 64.7 45.3 84.1
132 89.4 63.1 117.1
130 91.7 67.6 125.6



#35
Methylcyclohexane
Concen: 4.538 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Tgt Ion: 83 Resp: 68452
Ion Ratio Lower Upper
83 100
55 78.7 63.0 94.6
98 45.9 36.2 54.4

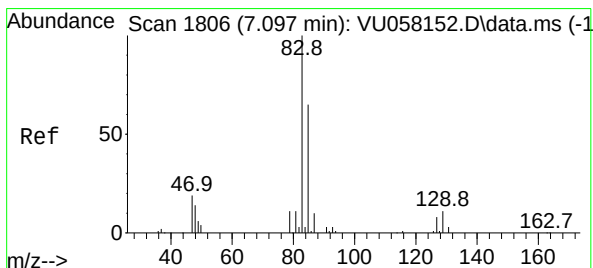
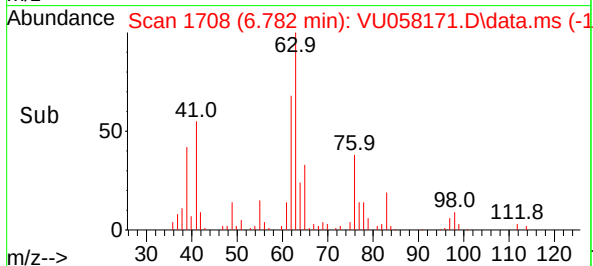
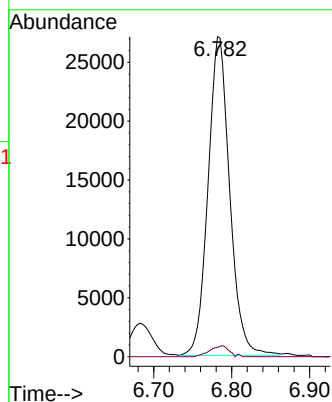
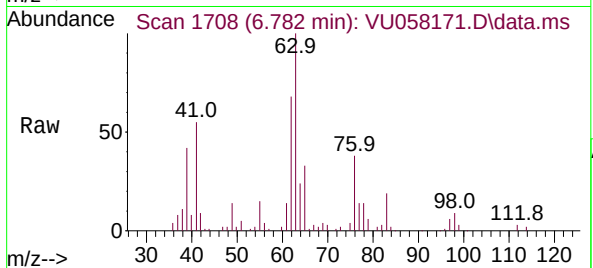




#37
1,2-Dichloropropane
Concen: 5.426 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

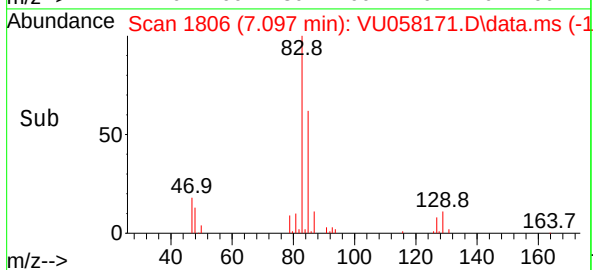
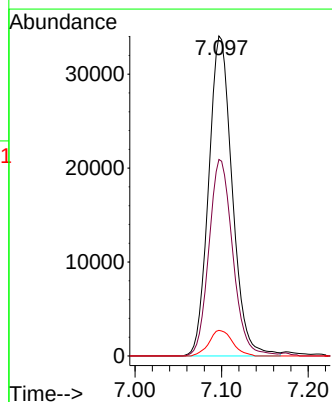
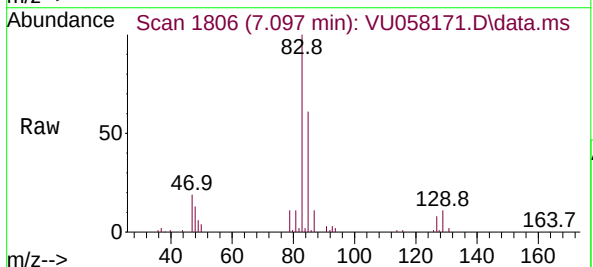
Instrument :
MSVOA_U
ClientSampleId :

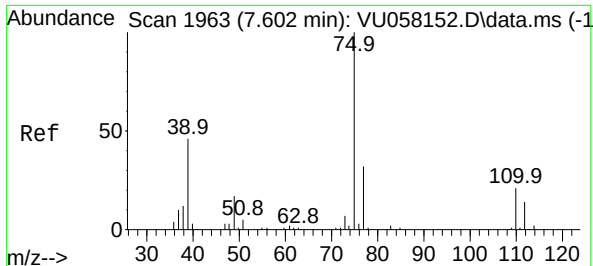
Tgt Ion: 63 Resp: 52328
Ion Ratio Lower Upper
63 100
112 3.1 3.0 4.4



#38
Bromodichloromethane
Concen: 5.512 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Tgt Ion: 83 Resp: 64500
Ion Ratio Lower Upper
83 100
85 61.4 44.5 82.7
127 9.0 6.6 9.8

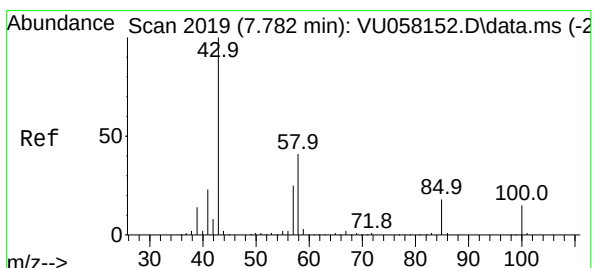
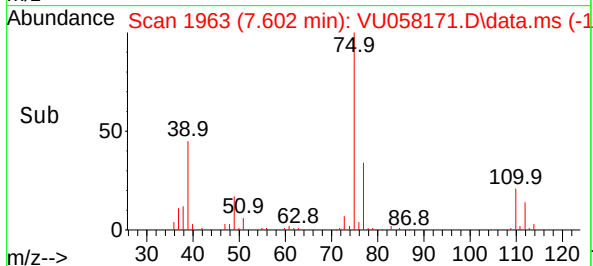
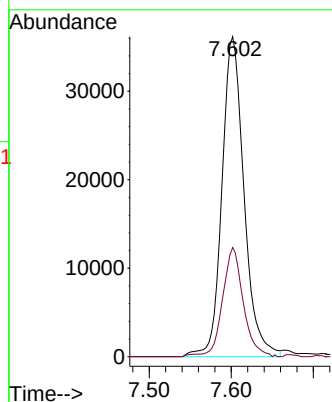
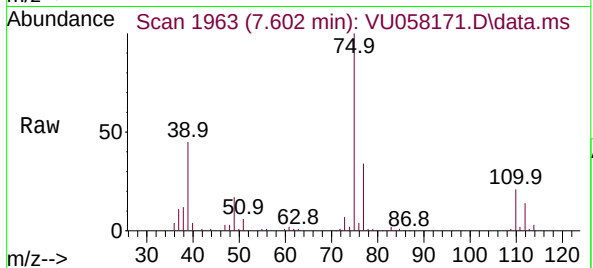




#39
 cis-1,3-Dichloropropene
 Concen: 5.104 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058171.D
 Acq: 19 Mar 2024 23:25

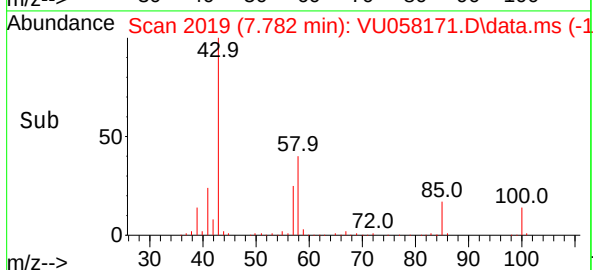
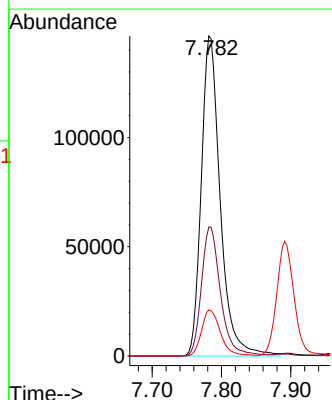
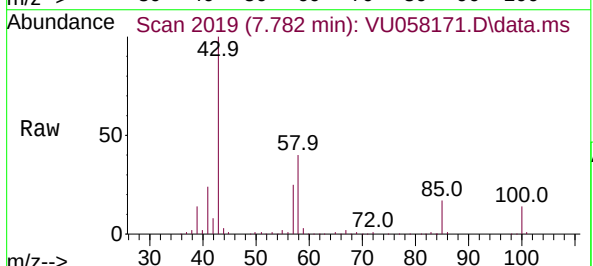
Instrument :
 MSVOA_U
 ClientSampleId :

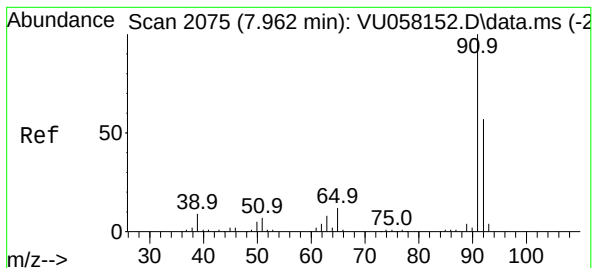
Tgt Ion: 75 Resp: 67819
 Ion Ratio Lower Upper
 75 100
 77 34.1 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 62.717 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU058171.D
 Acq: 19 Mar 2024 23:25

Tgt Ion: 43 Resp: 278261
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.7 47.5
 100 14.3 11.3 16.9





#42

Toluene

Concen: 5.271 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

Instrument :

MSVOA_U

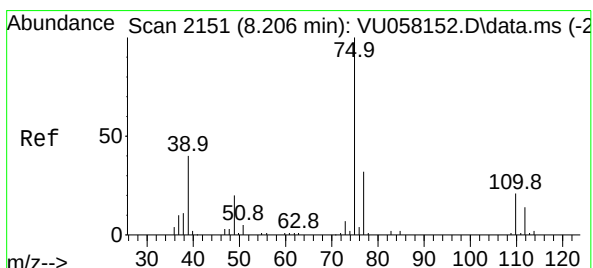
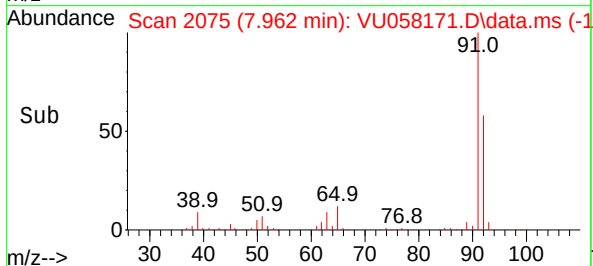
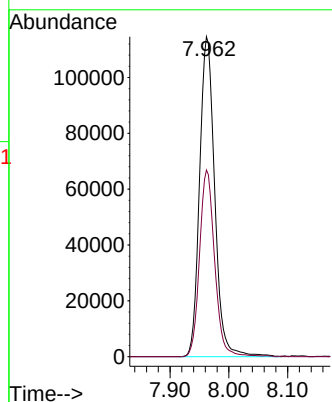
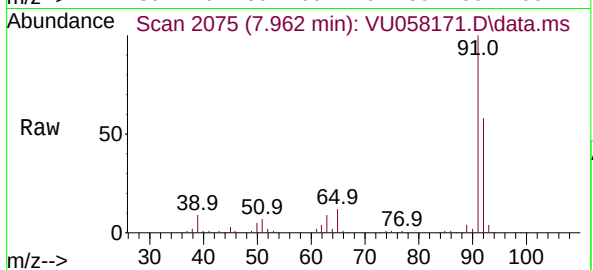
ClientSampleId :

Tgt Ion: 91 Resp: 205292

Ion Ratio Lower Upper

91 100

92 58.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.273 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058171.D

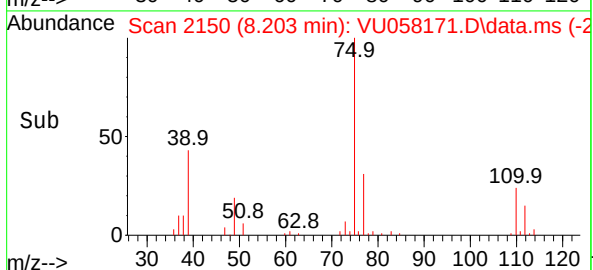
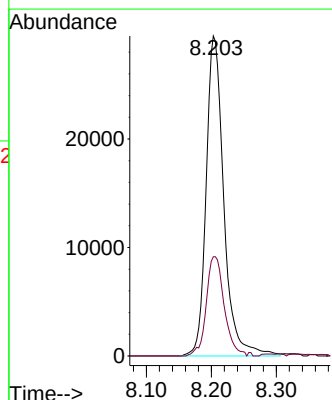
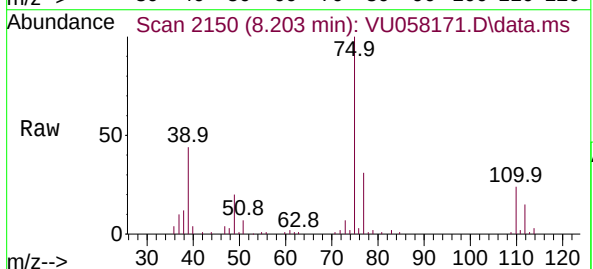
Acq: 19 Mar 2024 23:25

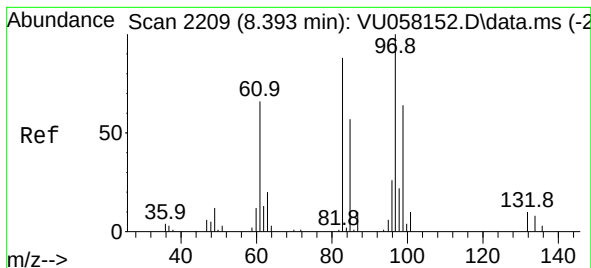
Tgt Ion: 75 Resp: 55838

Ion Ratio Lower Upper

75 100

77 31.0 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 5.979 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 34191

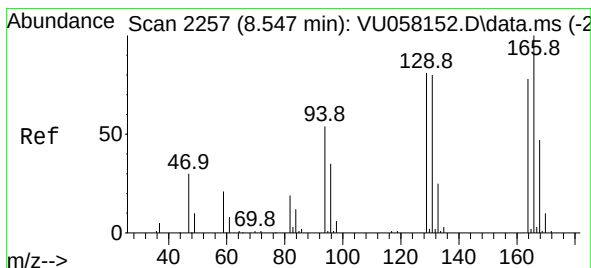
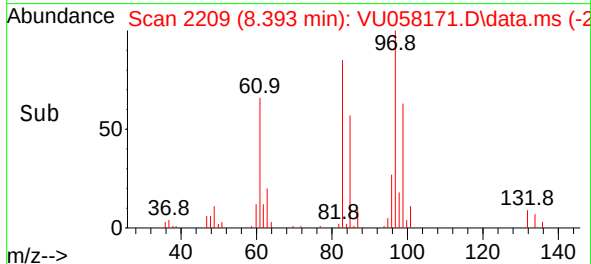
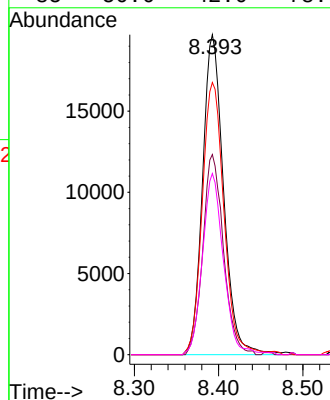
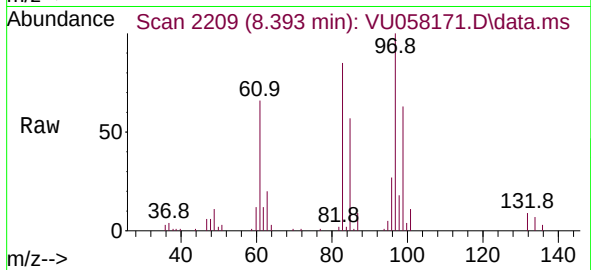
Ion Ratio Lower Upper

97 100

99 62.5 44.2 82.2

83 85.1 64.2 119.2

85 56.6 42.0 78.0



#47

Tetrachloroethene

Concen: 5.002 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

Tgt Ion: 164 Resp: 34149

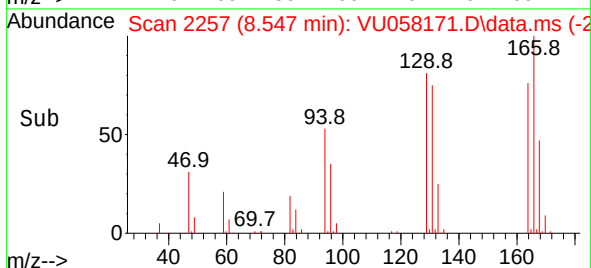
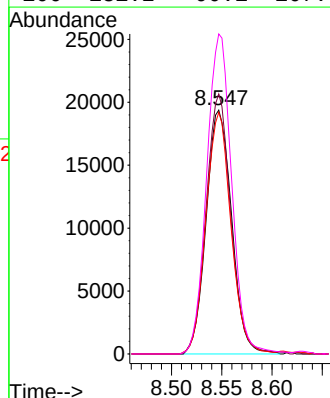
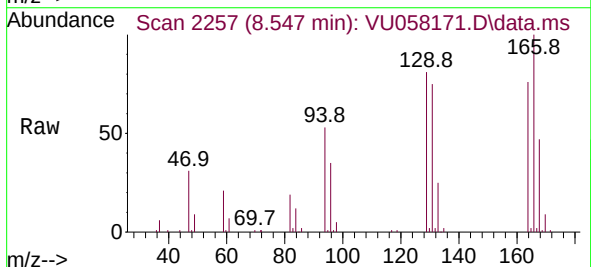
Ion Ratio Lower Upper

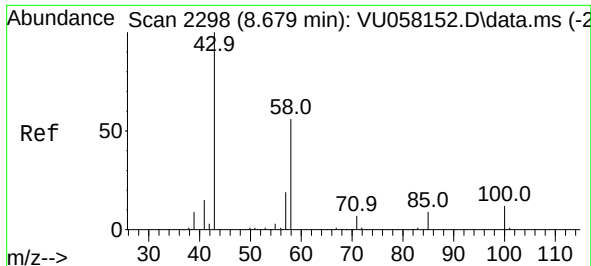
164 100

129 106.6 69.3 128.7

131 99.1 69.9 129.9

166 131.2 90.1 167.3



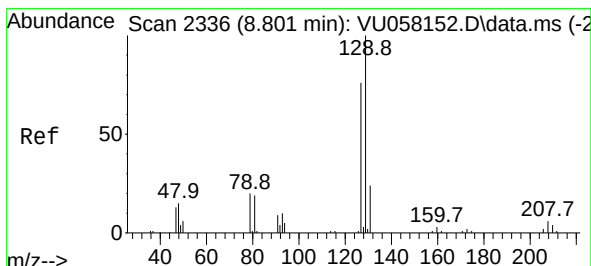
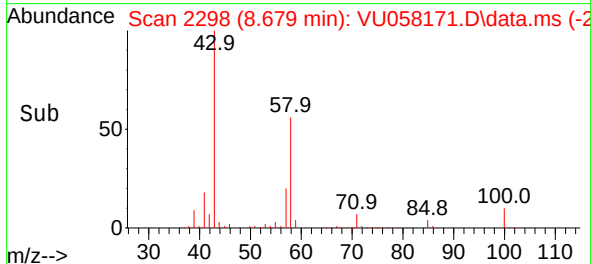
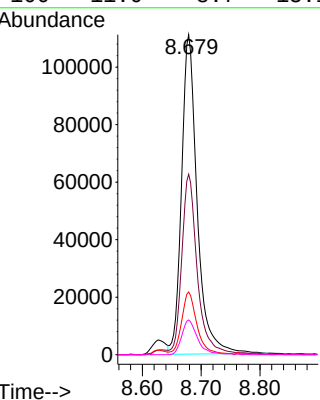
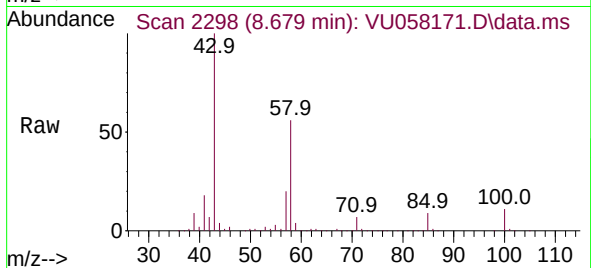


#48
2-Hexanone
Concen: 62.977 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 204909

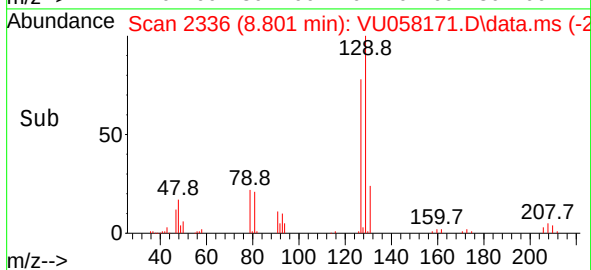
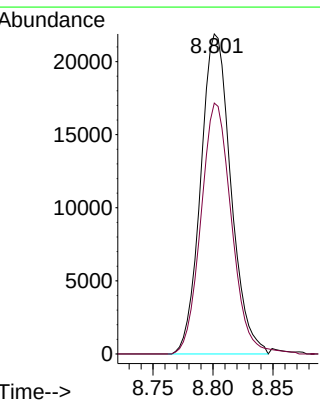
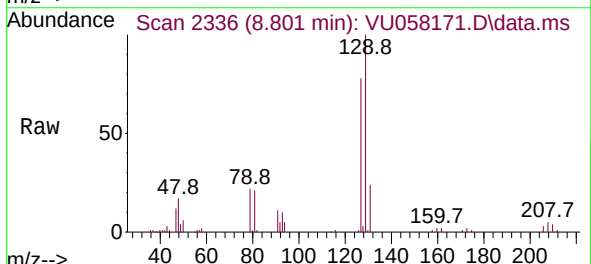
Ion	Ratio	Lower	Upper
43	100		
58	54.5	43.3	64.9
57	19.5	15.2	22.8
100	11.0	8.7	13.1

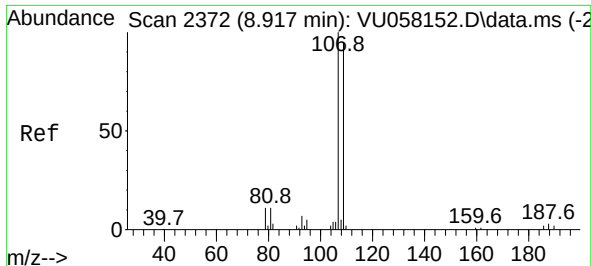


#49
Dibromochloromethane
Concen: 5.657 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Tgt Ion: 129 Resp: 38293

Ion	Ratio	Lower	Upper
129	100		
127	78.4	55.2	102.6

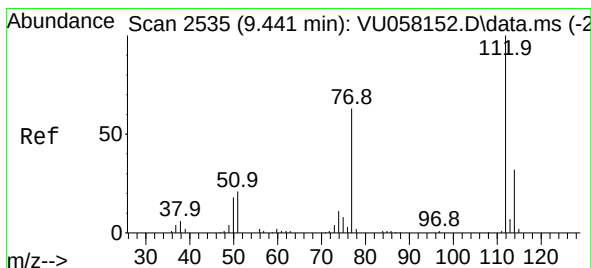
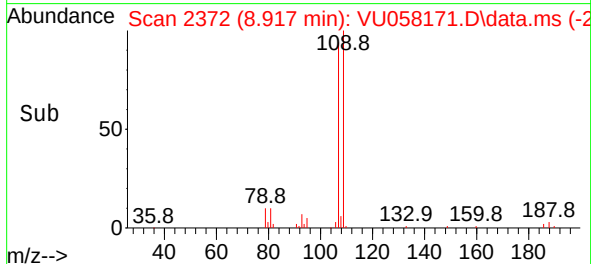
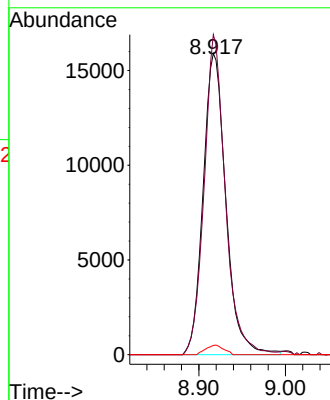
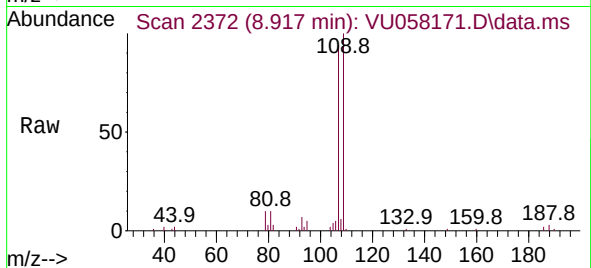




#50
1,2-Dibromoethane
Concen: 5.716 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

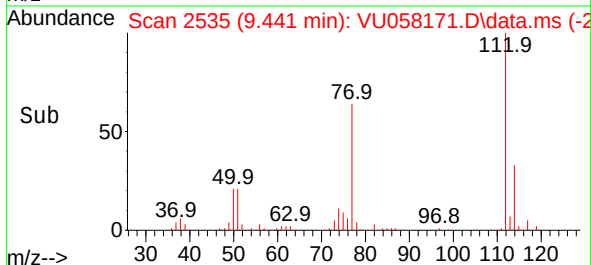
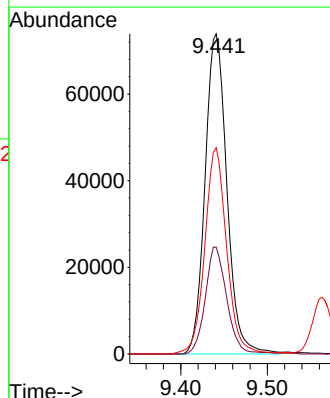
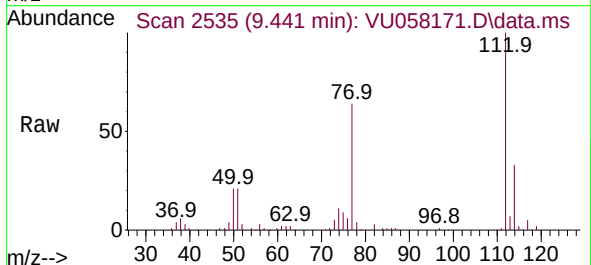
Instrument :
MSVOA_U
ClientSampleId :

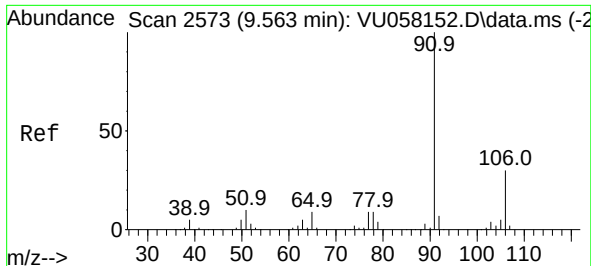
Tgt Ion:107 Resp: 29010
Ion Ratio Lower Upper
107 100
109 106.2 67.8 125.8
188 3.1 2.4 3.6



#51
Chlorobenzene
Concen: 5.307 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Tgt Ion:112 Resp: 129624
Ion Ratio Lower Upper
112 100
114 33.4 22.7 42.1
77 64.5 52.3 78.5





#52

Ethylbenzene

Concen: 5.213 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

Instrument :

MSVOA_U

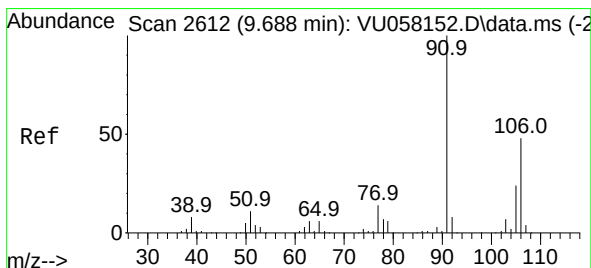
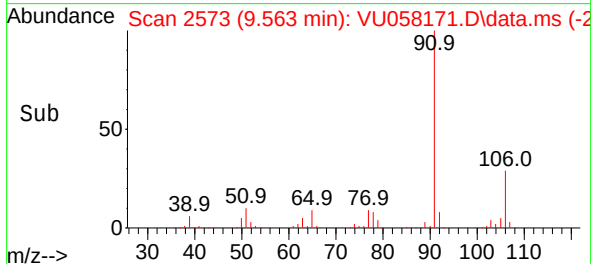
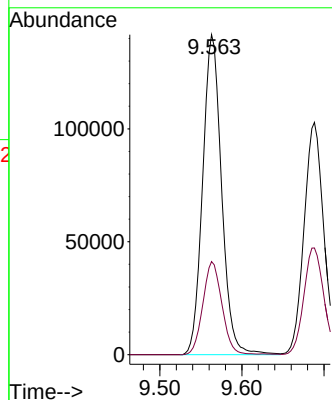
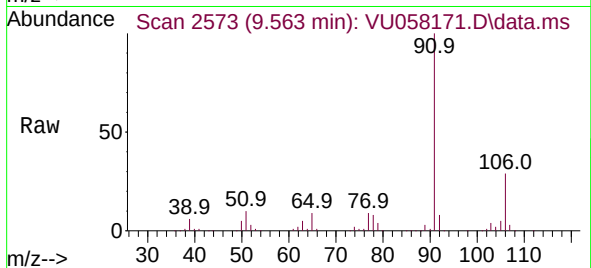
ClientSampleId :

Tgt Ion: 91 Resp: 227239

Ion Ratio Lower Upper

91 100

106 29.1 20.9 38.7



#53

m,p-Xylene

Concen: 5.234 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU058171.D

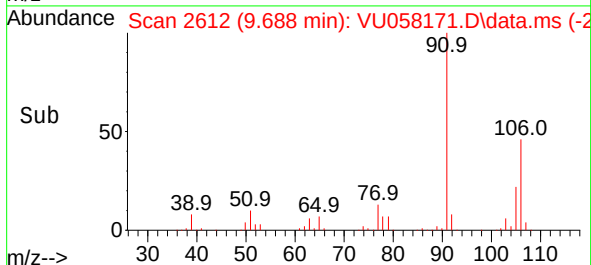
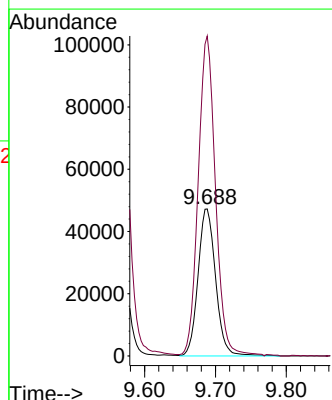
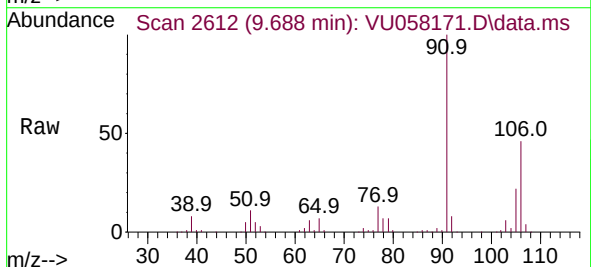
Acq: 19 Mar 2024 23:25

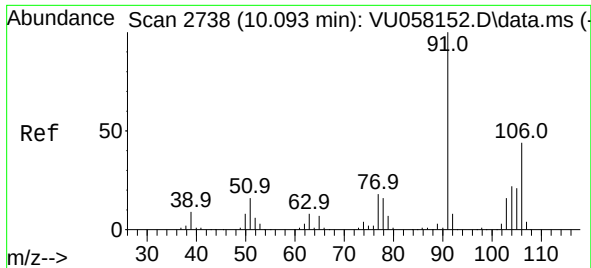
Tgt Ion:106 Resp: 81515

Ion Ratio Lower Upper

106 100

91 217.7 148.8 276.4

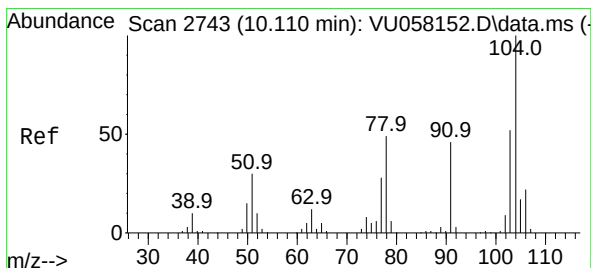
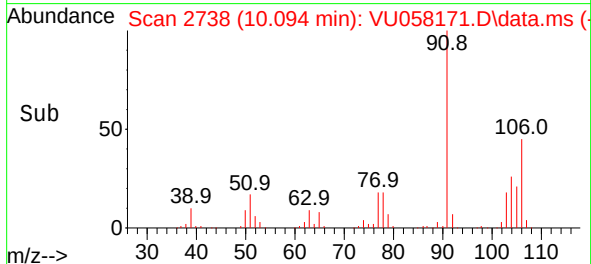
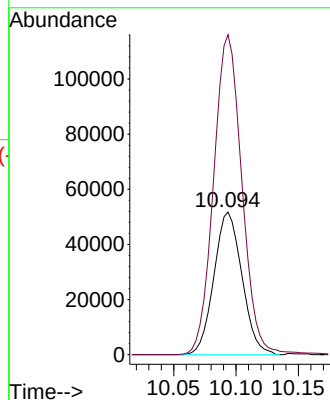
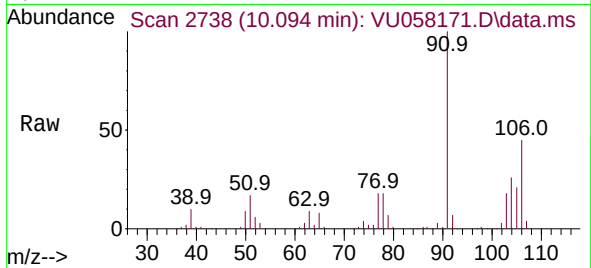




#54
o-Xylene
Concen: 5.218 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

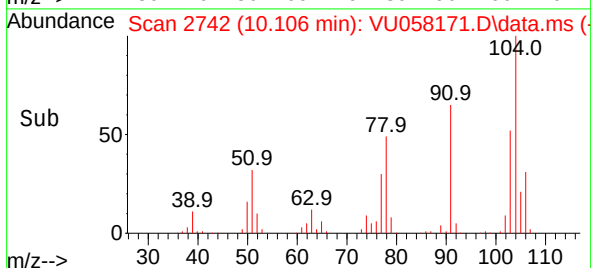
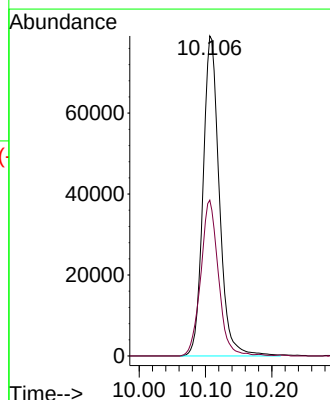
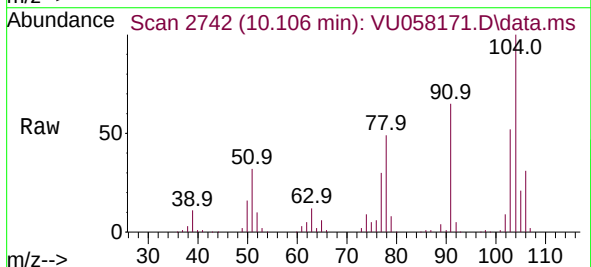
Instrument :
MSVOA_U
ClientSampleId :

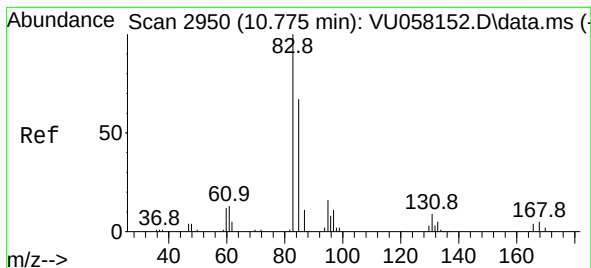
Tgt Ion:106 Resp: 80994
Ion Ratio Lower Upper
106 100
91 224.5 158.3 294.1



#55
Styrene
Concen: 5.533 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

Tgt Ion:104 Resp: 134785
Ion Ratio Lower Upper
104 100
78 48.7 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.929 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

Instrument :

MSVOA_U

ClientSampleId :

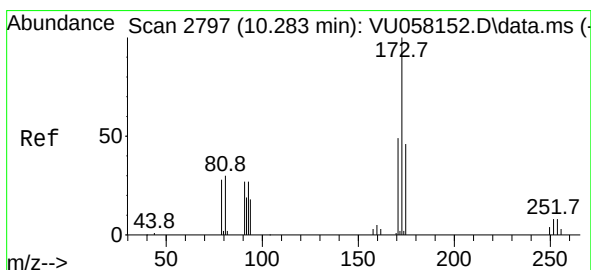
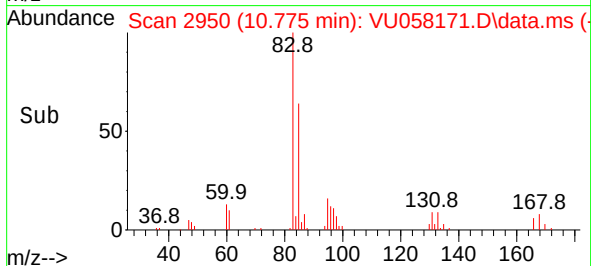
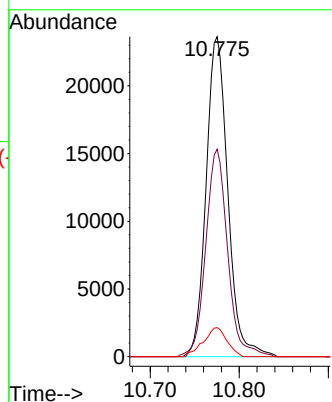
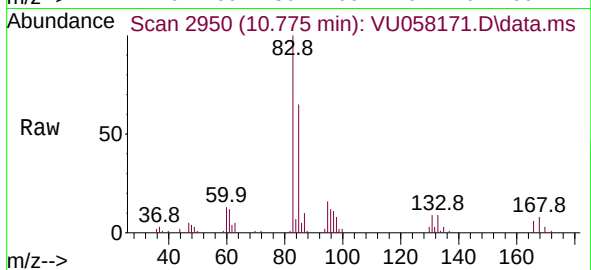
Tgt Ion: 83 Resp: 39940

Ion Ratio Lower Upper

83 100

85 64.8 44.0 81.6

131 9.1 6.9 10.3



#59

Bromoform

Concen: 5.601 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

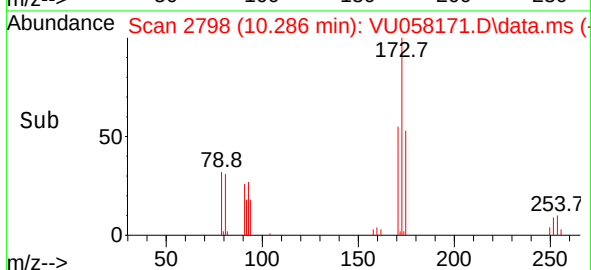
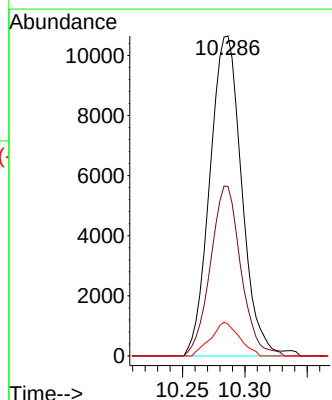
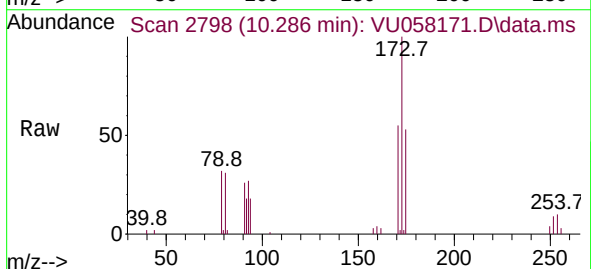
Tgt Ion:173 Resp: 18871

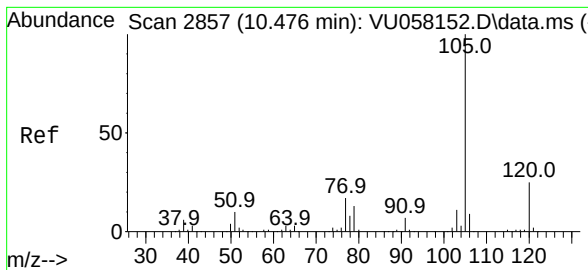
Ion Ratio Lower Upper

173 100

175 50.9 38.6 57.8

254 9.5 7.3 10.9





#60

Isopropylbenzene

Concen: 5.285 ug/L

RT: 10.476 min Scan# 2126

Delta R.T. 0.000 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

Instrument :

MSVOA_U

ClientSampleId :

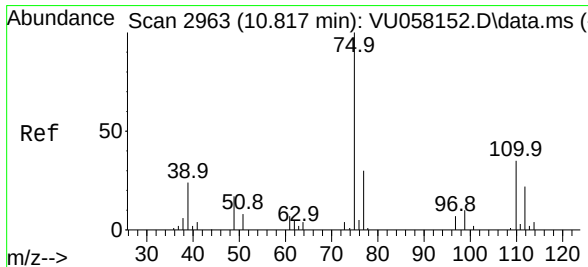
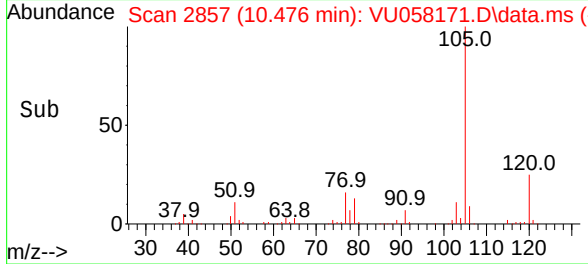
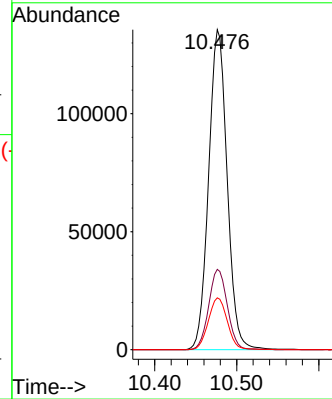
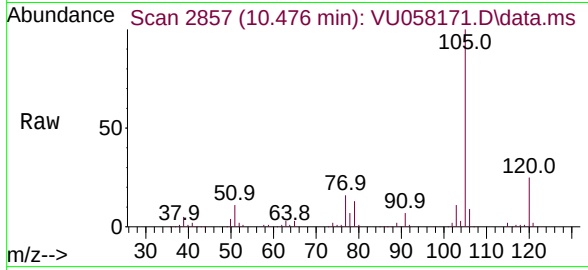
Tgt Ion:105 Resp: 212630

Ion Ratio Lower Upper

105 100

120 25.3 20.4 30.6

77 16.6 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.993 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

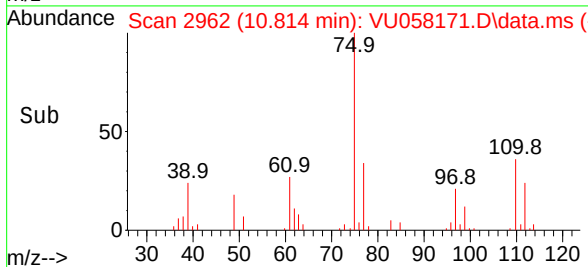
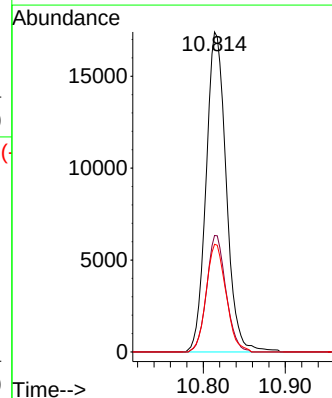
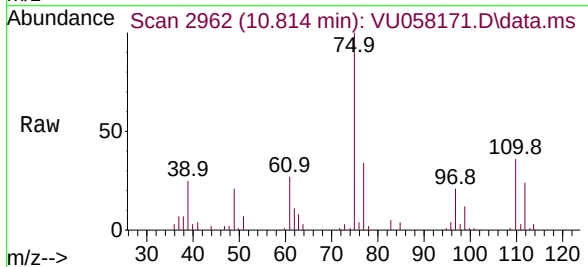
Tgt Ion: 75 Resp: 29655

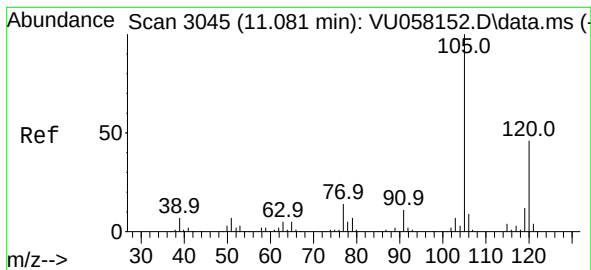
Ion Ratio Lower Upper

75 100

110 34.9 28.0 42.0

77 33.2 24.7 37.1





#62

1,3,5-Trimethylbenzene

Concen: 5.189 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

Instrument :

MSVOA_U

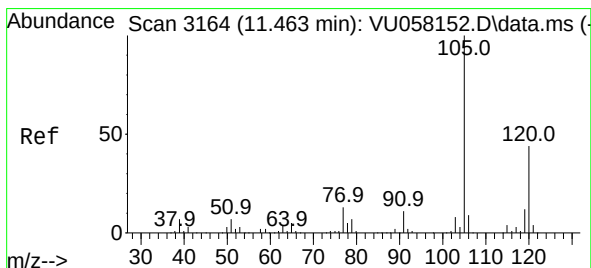
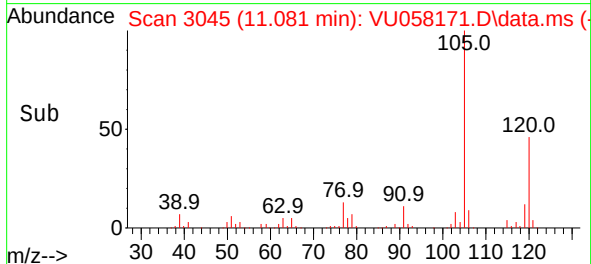
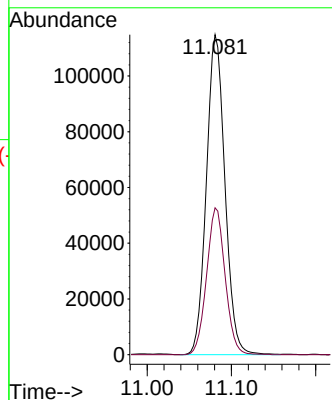
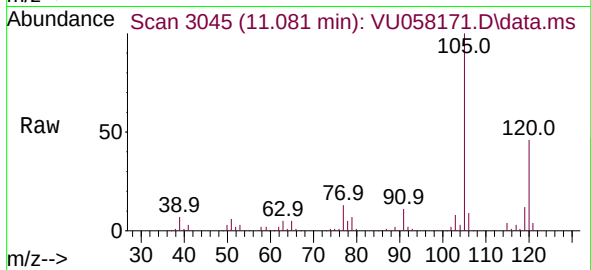
ClientSampleId :

Tgt Ion:105 Resp: 176055

Ion Ratio Lower Upper

105 100

120 45.9 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 5.261 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058171.D

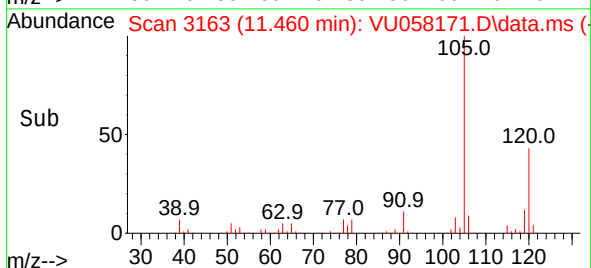
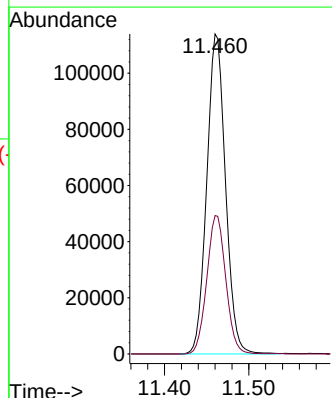
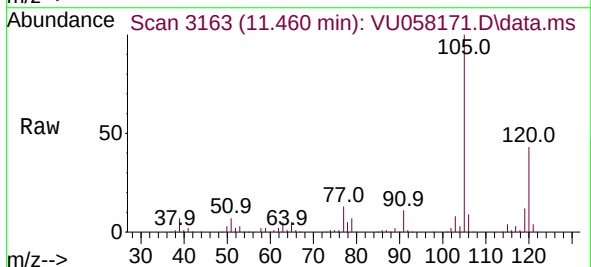
Acq: 19 Mar 2024 23:25

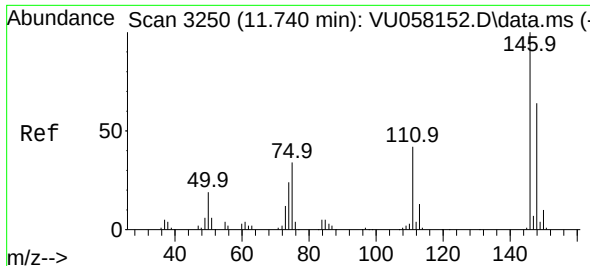
Tgt Ion:105 Resp: 176193

Ion Ratio Lower Upper

105 100

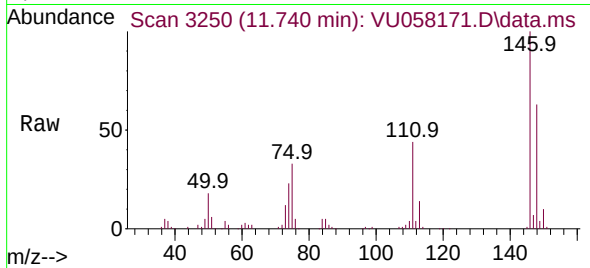
120 43.8 34.8 52.2



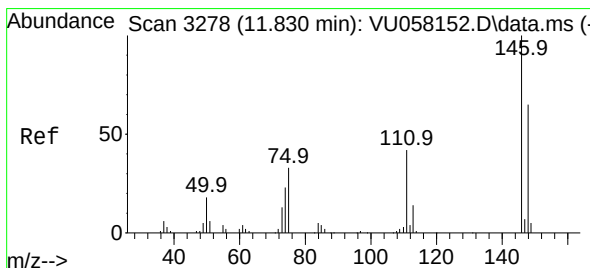
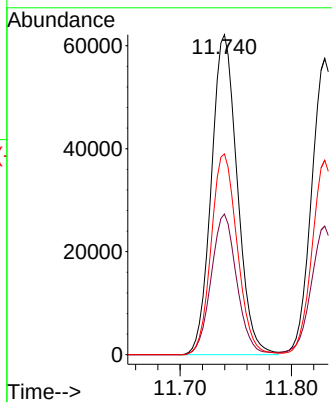
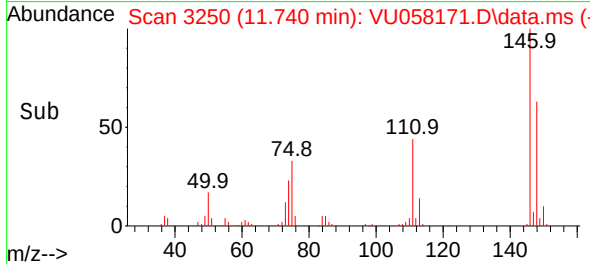


#64
1,3-Dichlorobenzene
Concen: 5.499 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

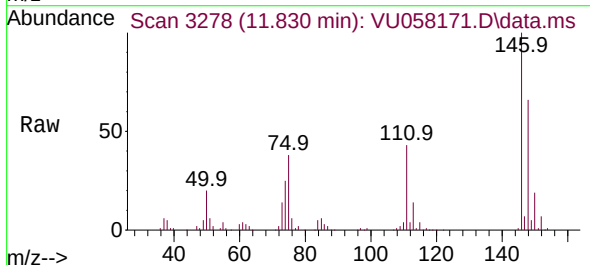
Instrument :
MSVOA_U
ClientSampleId :



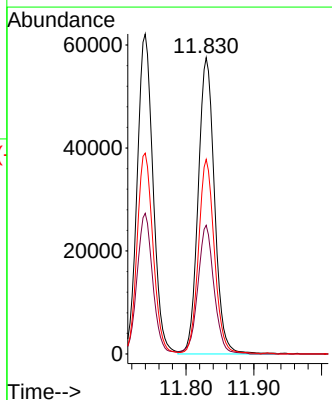
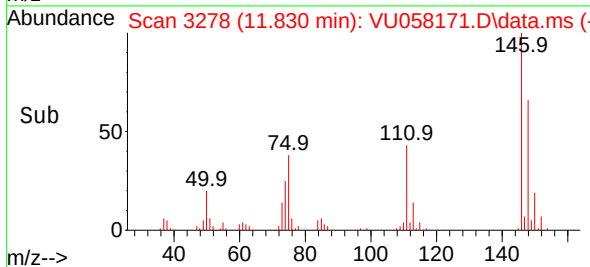
Tgt Ion:146 Resp: 100556
Ion Ratio Lower Upper
146 100
111 43.9 30.9 57.5
148 62.7 45.4 84.4

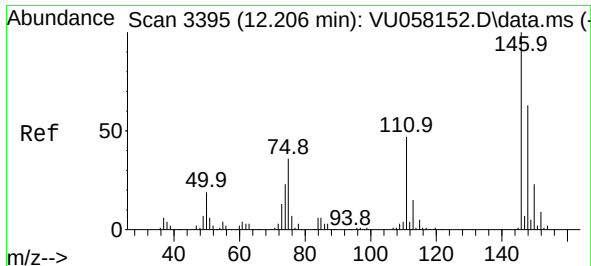


#65
1,4-Dichlorobenzene
Concen: 5.394 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25



Tgt Ion:146 Resp: 96539
Ion Ratio Lower Upper
146 100
111 43.4 30.1 55.9
148 65.6 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 5.687 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

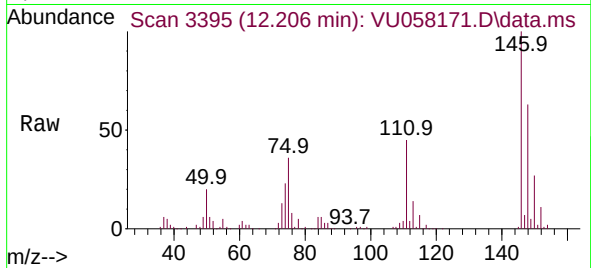
Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

Instrument :

MSVOA_U

ClientSampleId :



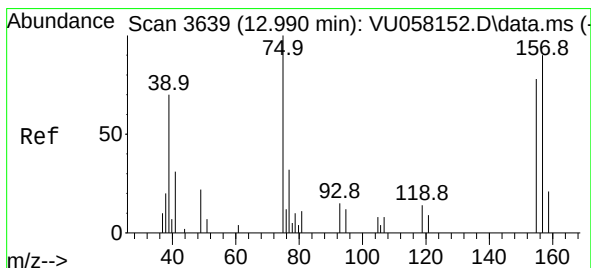
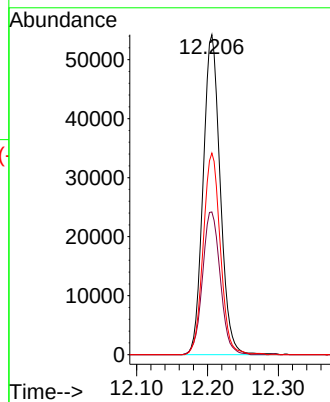
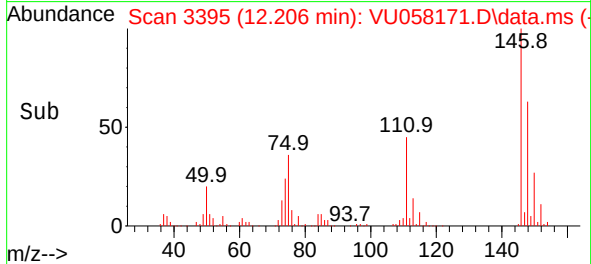
Tgt Ion:146 Resp: 90789

Ion Ratio Lower Upper

146 100

111 44.6 37.4 56.0

148 63.0 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 6.426 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

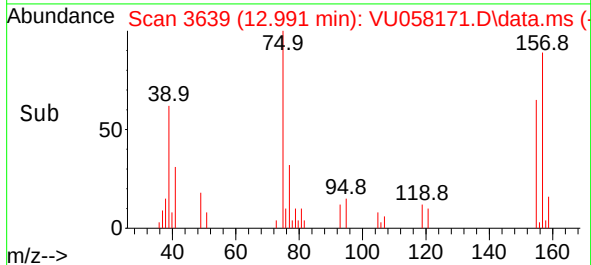
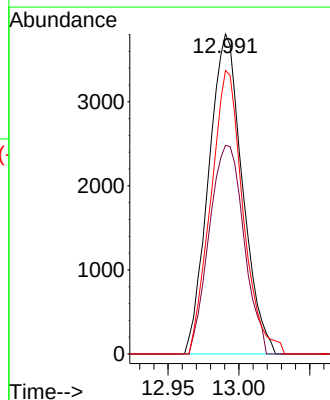
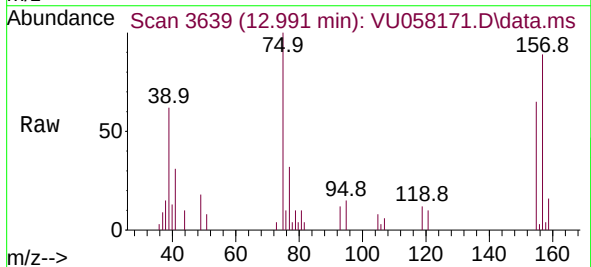
Tgt Ion: 75 Resp: 6309

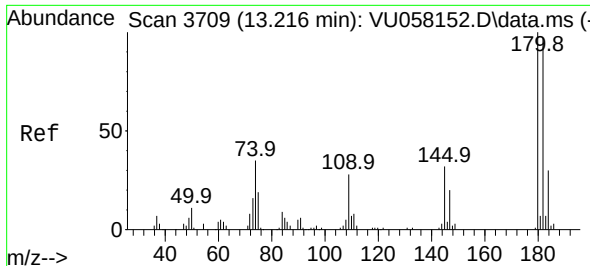
Ion Ratio Lower Upper

75 100

155 65.2 61.0 91.6

157 88.6 74.6 112.0





#69

1,3,5-Trichlorobenzene

Concen: 5.409 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

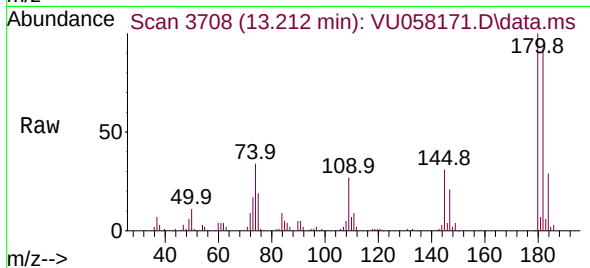
Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 71151

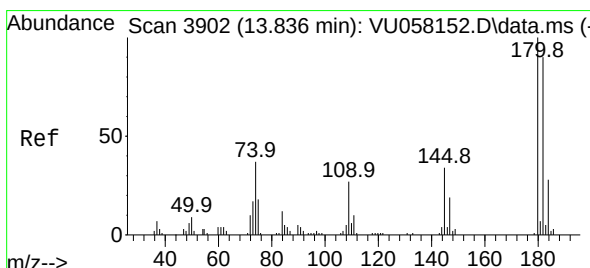
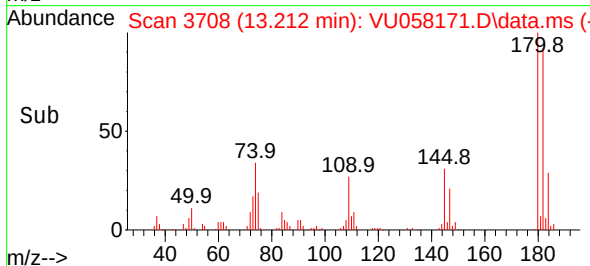
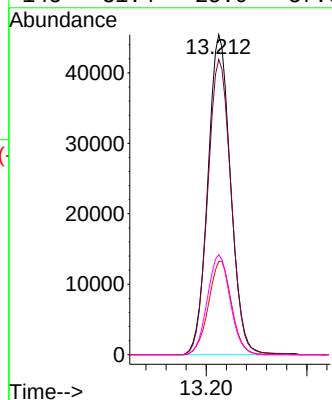
Ion Ratio Lower Upper

180 100

182 95.0 76.3 114.5

184 29.6 24.6 36.8

145 31.4 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 5.725 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU058171.D

Acq: 19 Mar 2024 23:25

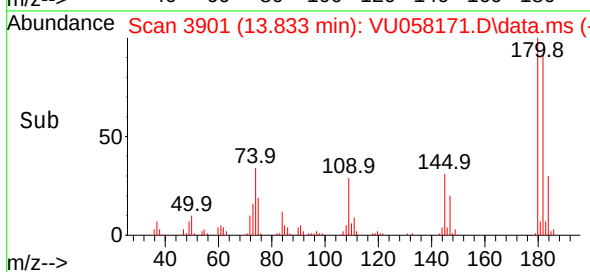
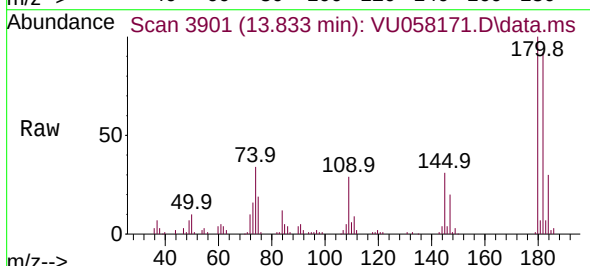
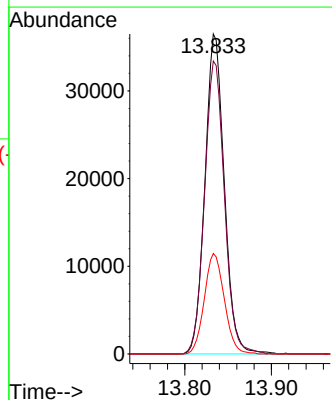
Tgt Ion:180 Resp: 56579

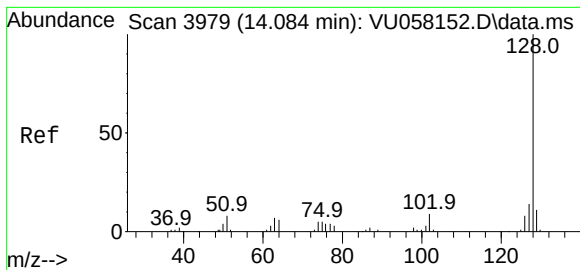
Ion Ratio Lower Upper

180 100

182 94.2 77.9 116.9

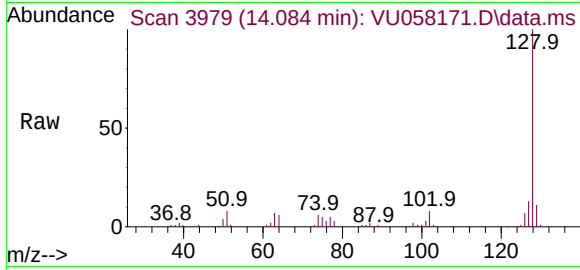
145 32.5 25.8 38.8



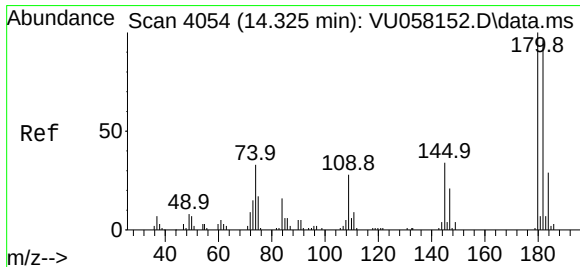
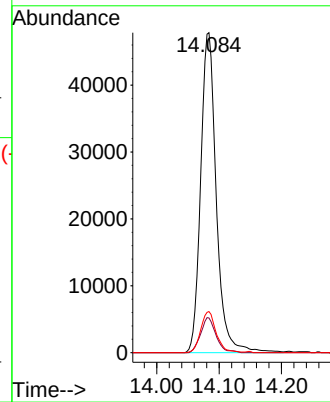
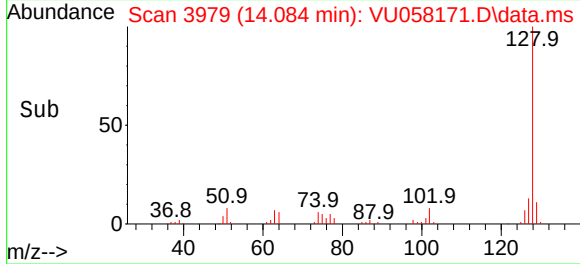


#71
Naphthalene
Concen: 6.180 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25

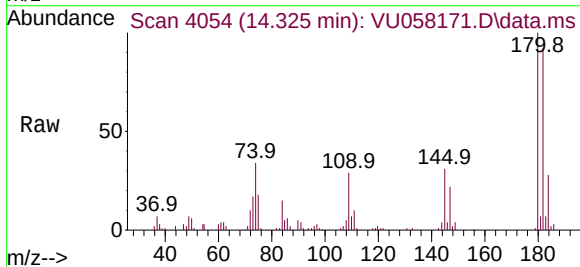
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 83417
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.7 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 6.135 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058171.D
Acq: 19 Mar 2024 23:25



Tgt Ion:180 Resp: 47899
Ion Ratio Lower Upper
180 100
182 93.8 77.6 116.4
145 33.6 28.7 43.1

