

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122923\
 Data File : VU057373.D
 Acq On : 29 Dec 2023 15:57
 Operator : MD/SY
 Sample : MDL07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 29 23:06:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 23:01:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144940	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63179	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30938	2.483	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.600%
7) Chloroethane-d5	1.911	69	29499	2.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.000%#
11) 1,1-Dichloroethene-d2	2.563	65	17457	3.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	4.637	46	95240	33.748	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.500%
24) Chloroform-d	5.055	84	99780	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	55184	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.721	84	159202	3.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.685	67	46455	3.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.600%
41) Toluene-d8	7.894	98	137553	3.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.177	79	21353	4.163	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.631	63	68832	29.626	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	39540	3.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	55845	4.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	2272	0.216	ug/L	97
3) Chloromethane	1.515	50	2248	0.193	ug/L	94
5) Vinyl chloride	1.599	62	2035	0.168	ug/L #	60
6) Bromomethane	1.856	94	1303	0.228	ug/L	88
8) Chloroethane	1.930	64	1135	0.145	ug/L	88
9) Trichlorofluoromethane	2.136	101	4677	0.268	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	2800	0.266	ug/L	93
12) 1,1-Dichloroethene	2.580	96	2416	0.255	ug/L #	1
14) Carbon disulfide	2.792	76	5576	0.206	ug/L #	90
17) Methyl tert-butyl Ether	3.364	73	4779	0.200	ug/L #	87
18) trans-1,2-Dichloroethene	3.351	96	1938	0.206	ug/L	93
19) 1,1-Dichloroethane	3.866	63	3859	0.195	ug/L #	83
22) cis-1,2-Dichloroethene	4.660	96	2402	0.221	ug/L	99
23) Bromochloromethane	4.978	128	1196	0.246	ug/L #	40
27) 1,2-Dichloroethane	5.795	62	3557	0.272	ug/L #	76
29) 1,1,1-Trichloroethane	5.309	97	5015	0.277	ug/L	94
31) Carbon tetrachloride	5.522	117	4557	0.300	ug/L	87
33) Benzene	5.769	78	9487	0.230	ug/L	100
38) Bromodichloromethane	7.103	83	3329	0.225	ug/L	88

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

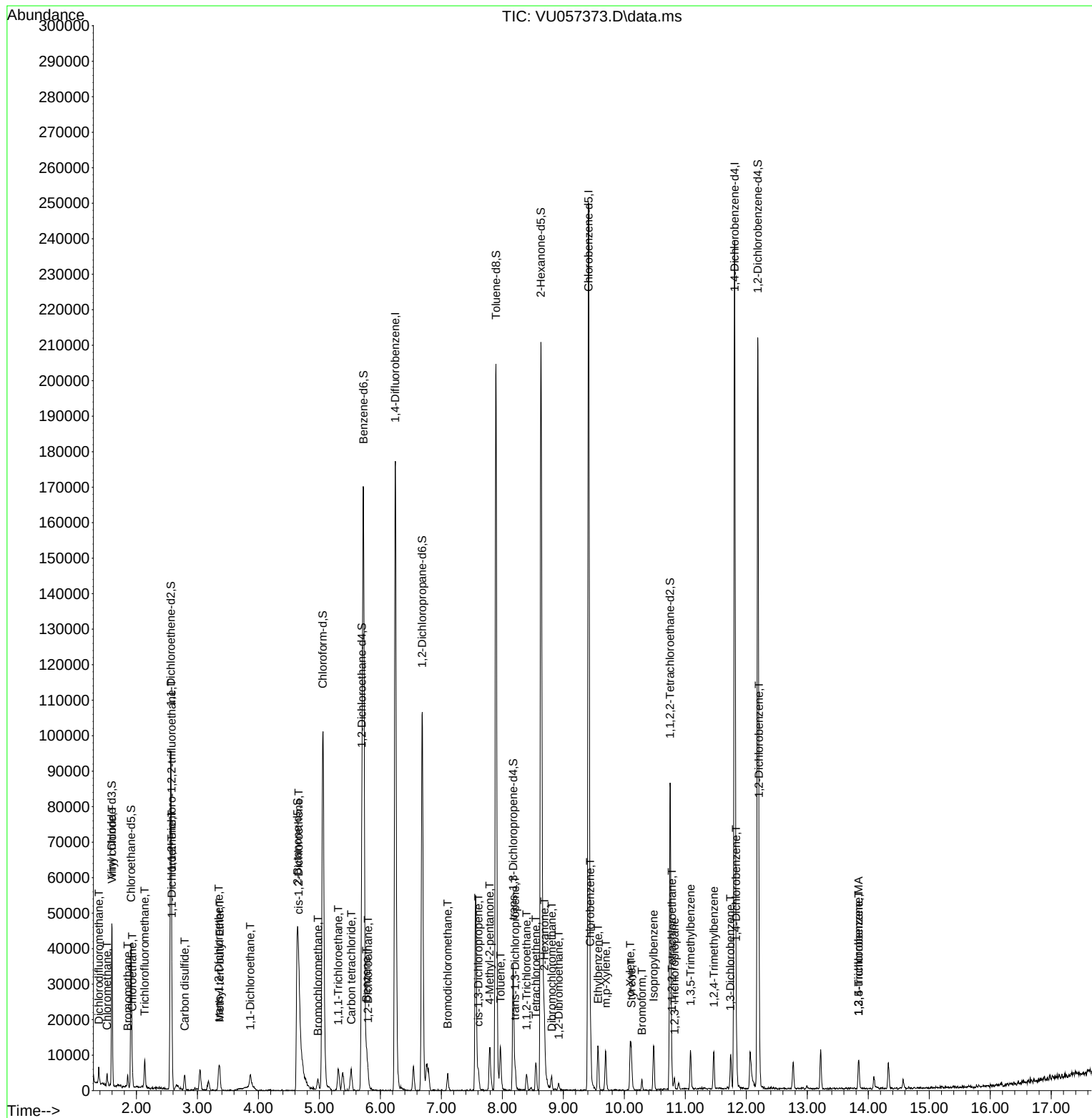
39) cis-1,3-Dichloropropene	7.608	75	3318	0.212	ug/L	88
40) 4-Methyl-2-pentanone	7.792	43	8232	1.408	ug/L #	88
42) Toluene	7.968	91	9687	0.218	ug/L	94
44) trans-1,3-Dichloropropene	8.206	75	2803	0.205	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	1868	0.224	ug/L	87
47) Tetrachloroethene	8.550	164	1872	0.241	ug/L #	74
48) 2-Hexanone	8.689	43	10385	2.410	ug/L #	95
49) Dibromochloromethane	8.808	129	1958	0.206	ug/L	78
50) 1,2-Dibromoethane	8.923	107	1669	0.223	ug/L #	65
51) Chlorobenzene	9.441	112	5784	0.214	ug/L #	80
52) Ethylbenzene	9.570	91	9108	0.206	ug/L	92
53) m,p-Xylene	9.695	106	3284	0.195	ug/L	83
54) o-Xylene	10.097	106	3234	0.202	ug/L	95
55) Styrene	10.116	104	4576	0.169	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	2137	0.207	ug/L #	90
59) Bromoform	10.287	173	1371	0.277	ug/L #	93
60) Isopropylbenzene	10.480	105	8944	0.231	ug/L	96
61) 1,2,3-Trichloropropane	10.824	75	1118	0.169	ug/L #	90
62) 1,3,5-Trimethylbenzene	11.084	105	6683	0.220	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	6641	0.220	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	4721	0.254	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	4656	0.246	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	4536	0.253	ug/L	90
69) 1,3,5-Trichlorobenzene	13.843	180	3333	0.250	ug/L	95
70) 1,2,4-trichlorobenzene	13.843	180	3356	0.317	ug/L	95

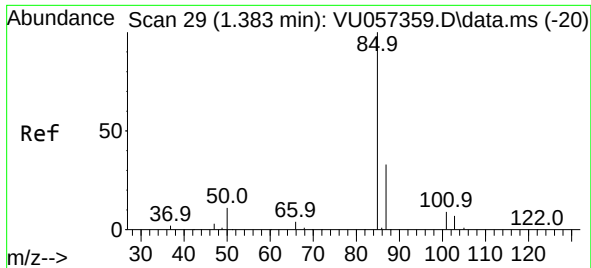
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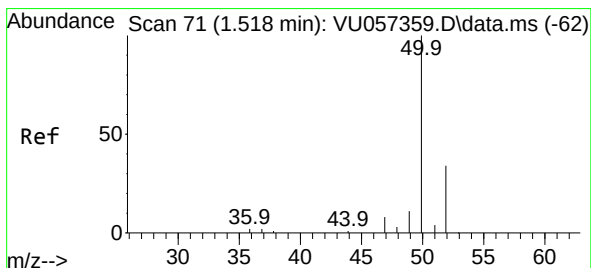
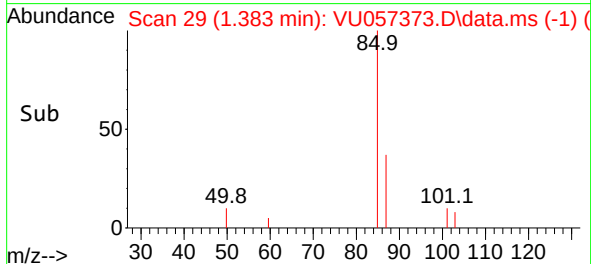
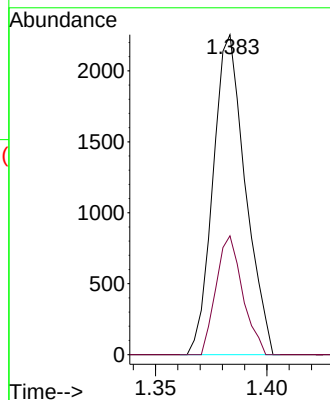
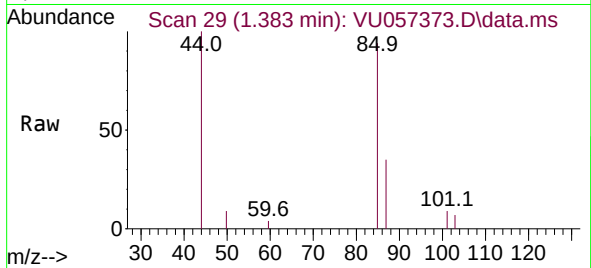




#2
 Dichlorodifluoromethane
 Concen: 0.216 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU057373.D
 Acq: 29 Dec 2023 15:57

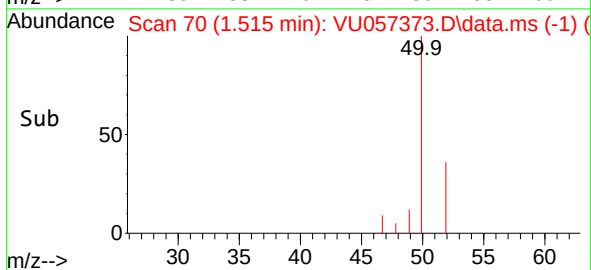
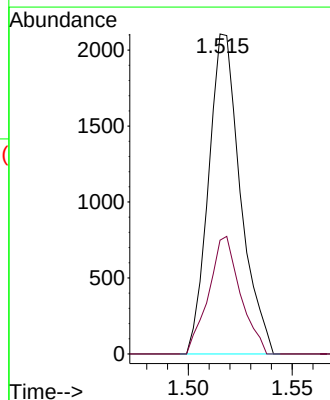
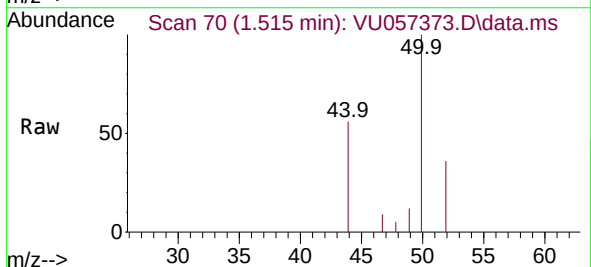
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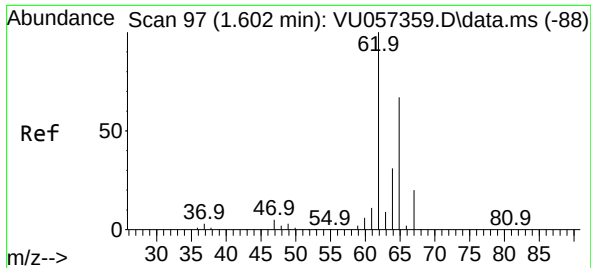
Tgt Ion: 85 Resp: 2272
 Ion Ratio Lower Upper
 85 100
 87 30.5 25.9 38.9



#3
 Chloromethane
 Concen: 0.193 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU057373.D
 Acq: 29 Dec 2023 15:57

Tgt Ion: 50 Resp: 2248
 Ion Ratio Lower Upper
 50 100
 52 35.6 22.5 41.7

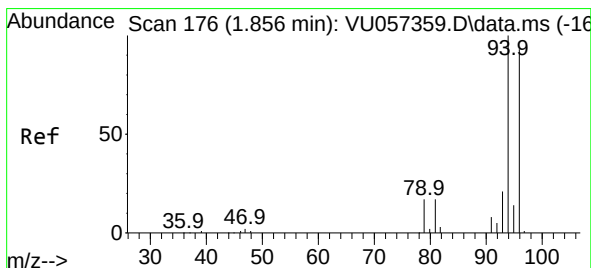
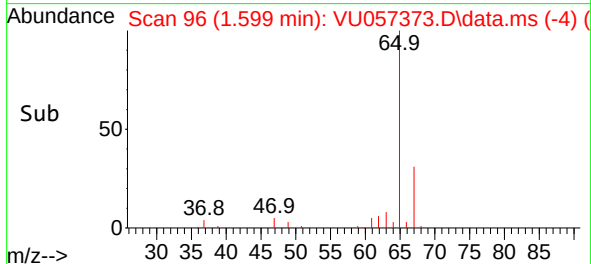
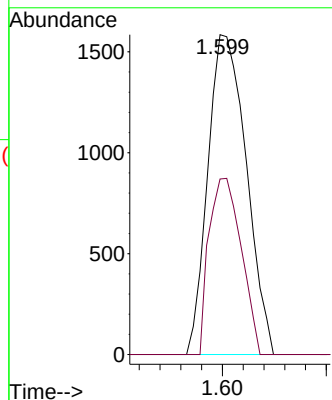
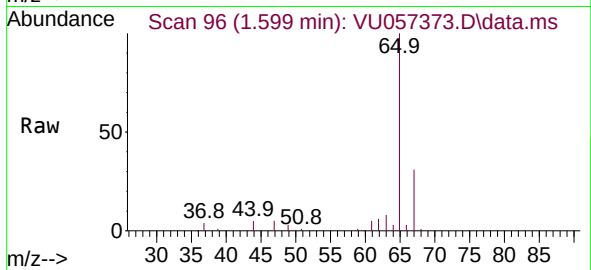




#5
 Vinyl chloride
 Concen: 0.168 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU057373.D
 Acq: 29 Dec 2023 15:57

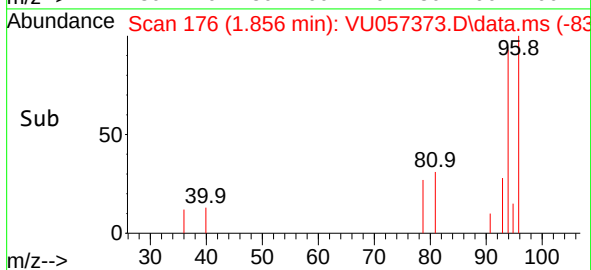
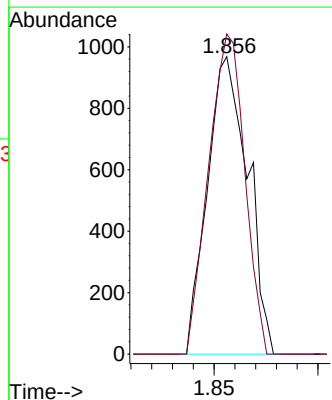
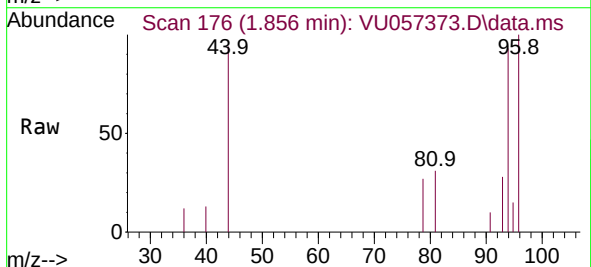
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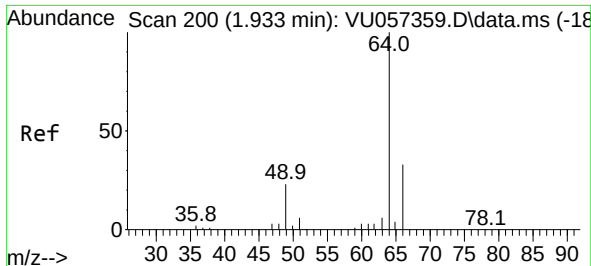
Tgt Ion: 62 Resp: 2035
 Ion Ratio Lower Upper
 62 100
 64 54.9 22.8 42.4#



#6
 Bromomethane
 Concen: 0.228 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU057373.D
 Acq: 29 Dec 2023 15:57

Tgt Ion: 94 Resp: 1303
 Ion Ratio Lower Upper
 94 100
 96 107.6 67.3 125.1

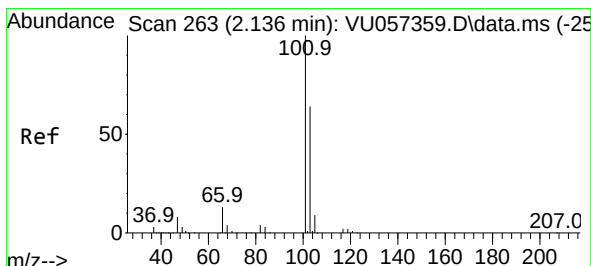
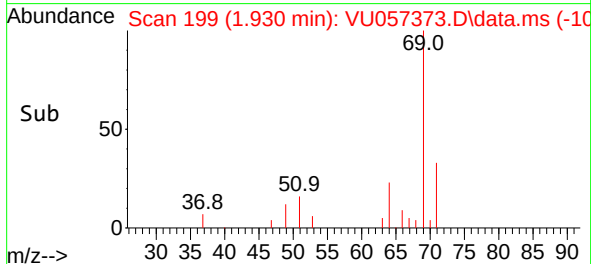
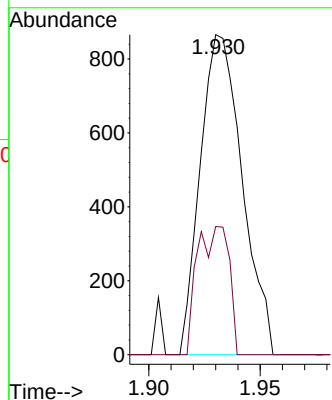
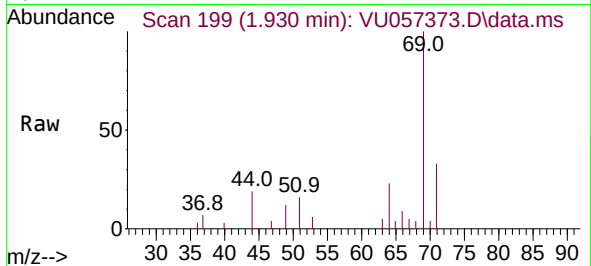




#8
Chloroethane
Concen: 0.145 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

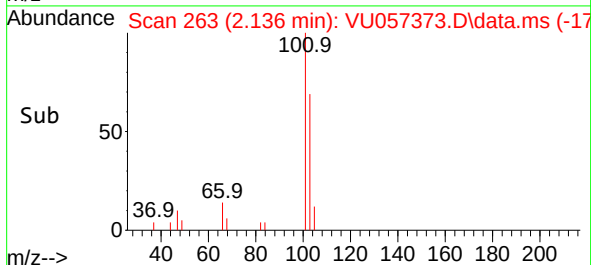
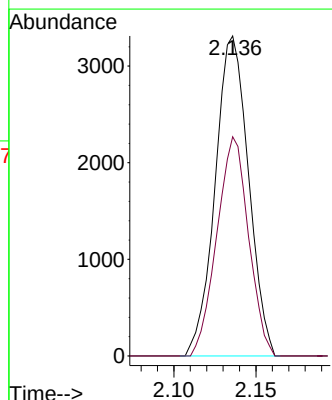
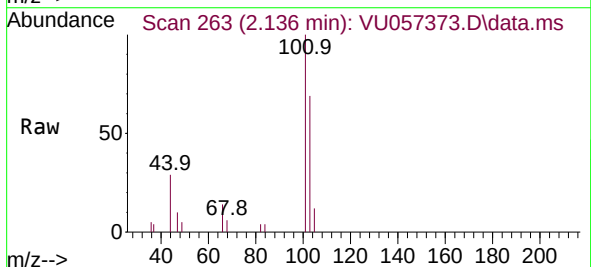
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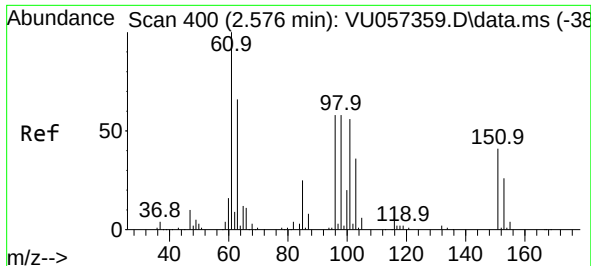
Tgt Ion: 64 Resp: 1135
Ion Ratio Lower Upper
64 100
66 40.1 23.3 43.3



#9
Trichlorofluoromethane
Concen: 0.268 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion: 101 Resp: 4677
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.2

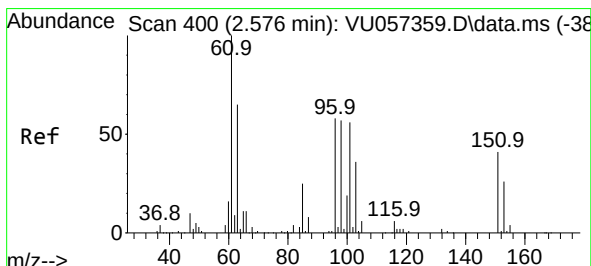
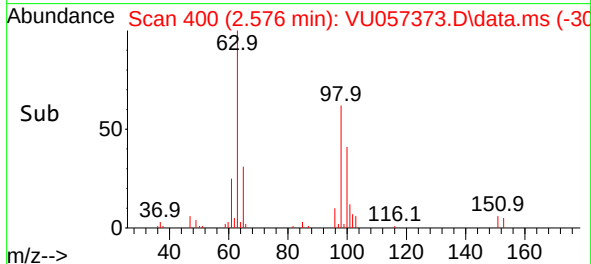
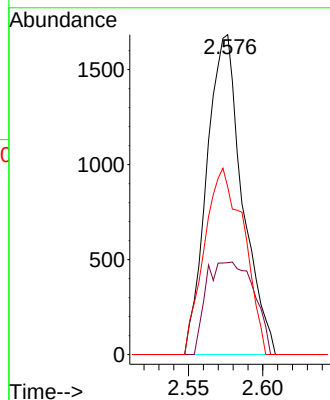
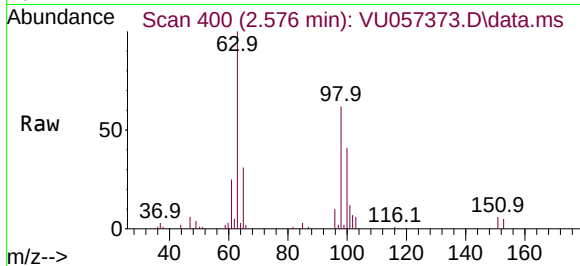




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.266 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057373.D
 Acq: 29 Dec 2023 15:57

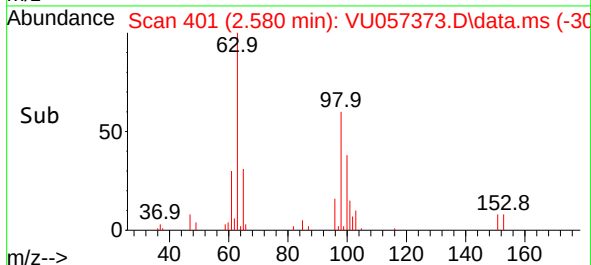
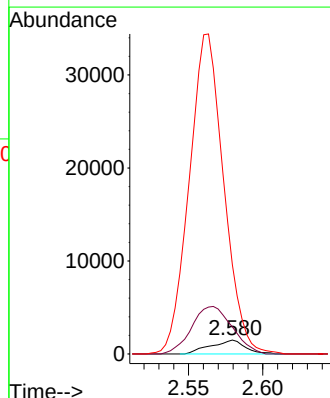
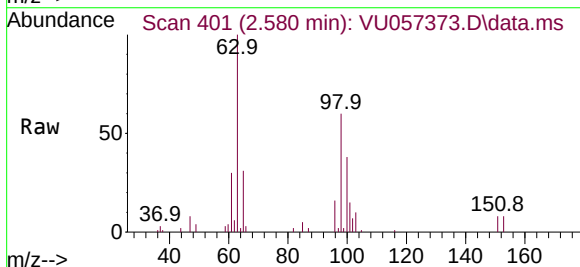
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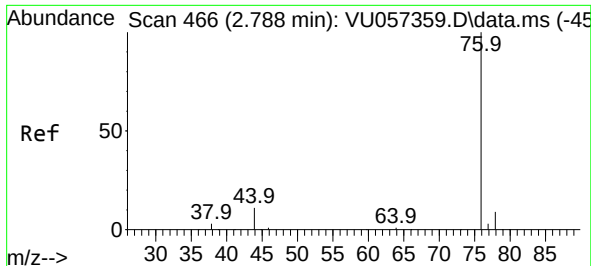
Tgt Ion:101 Resp: 2800
 Ion Ratio Lower Upper
 101 100
 85 38.6 35.1 52.7
 151 64.9 55.8 83.6



#12
 1,1-Dichloroethene
 Concen: 0.255 ug/L
 RT: 2.580 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU057373.D
 Acq: 29 Dec 2023 15:57

Tgt Ion: 96 Resp: 2416
 Ion Ratio Lower Upper
 96 100
 61 194.3 122.2 226.9
 63 640.0 99.2 184.2#

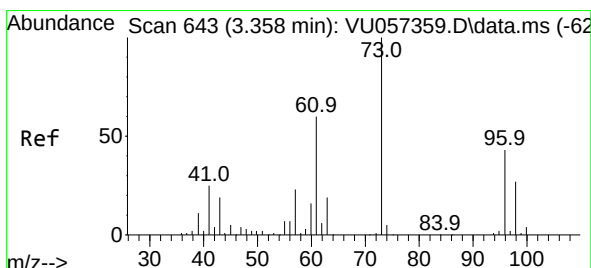
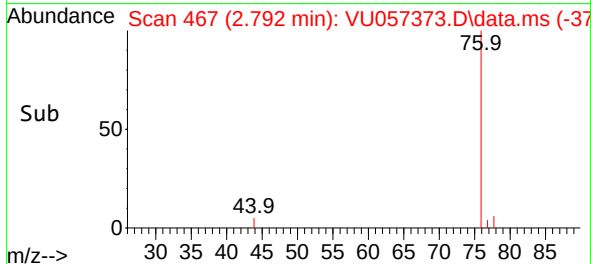
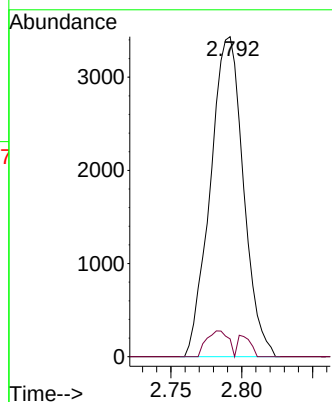
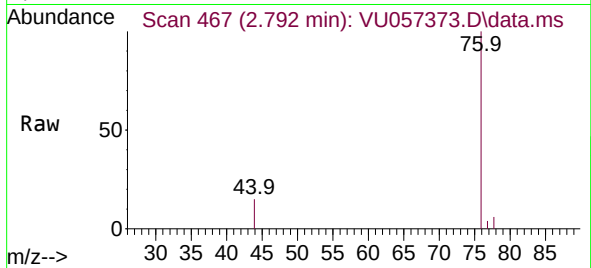




#14
Carbon disulfide
Concen: 0.206 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

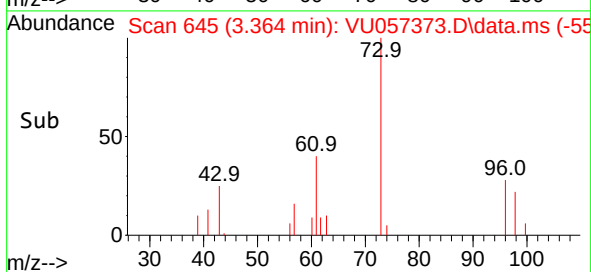
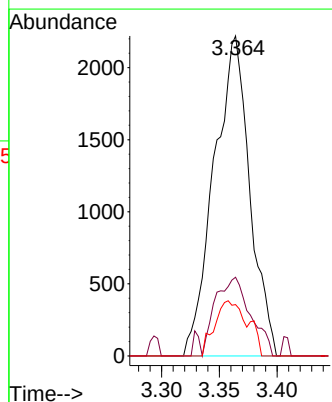
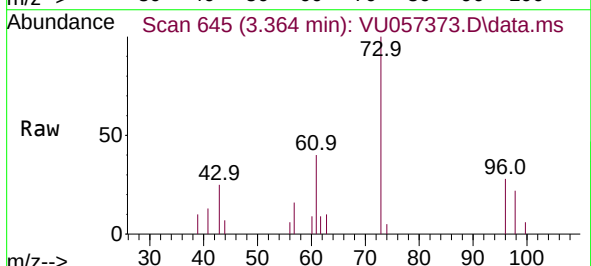
Instrument :
MSVOA_U
ClientSampleId :

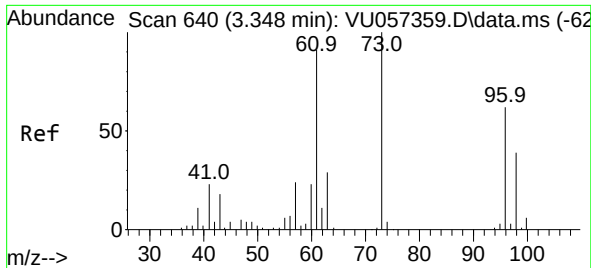
Tgt Ion: 76 Resp: 5576
Ion Ratio Lower Upper
76 100
78 5.5 7.3 10.9#



#17
Methyl tert-butyl Ether
Concen: 0.200 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.007 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

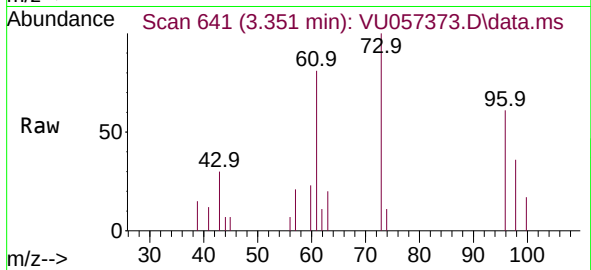
Tgt Ion: 73 Resp: 4779
Ion Ratio Lower Upper
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43 24.2 15.2 22.8#
57 15.8 17.8 26.8#





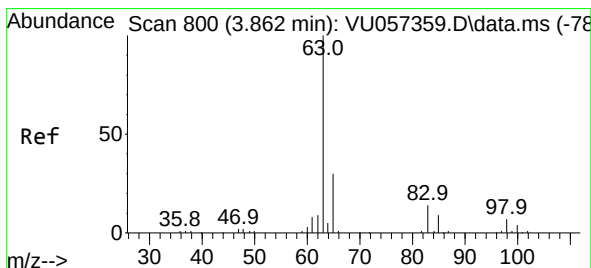
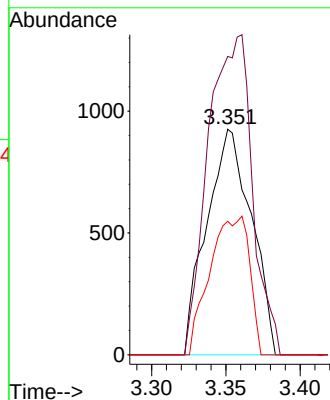
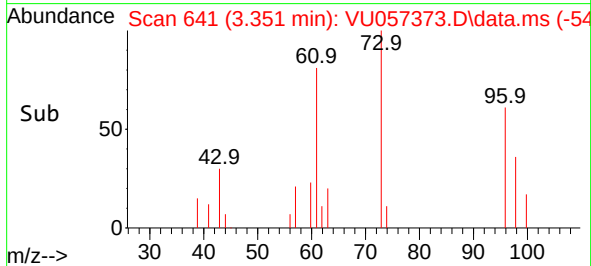
#18
trans-1,2-Dichloroethene
Concen: 0.206 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument :
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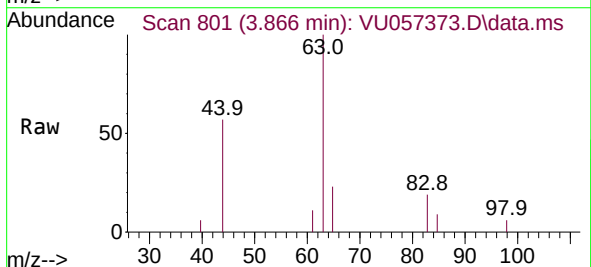


Tgt Ion: 96 Resp: 1938

Ion	Ratio	Lower	Upper
96	100		
61	132.3	97.5	181.1
98	59.2	45.9	85.3

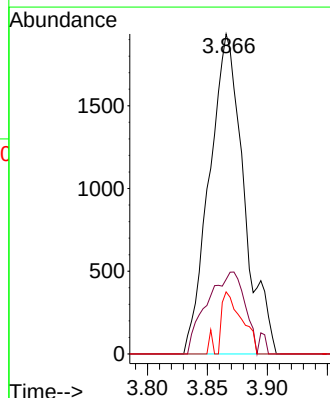
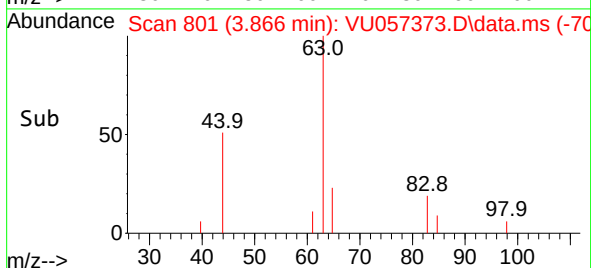


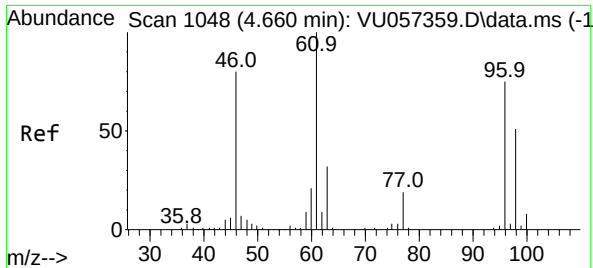
#19
1,1-Dichloroethane
Concen: 0.195 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57



Tgt Ion: 63 Resp: 3859

Ion	Ratio	Lower	Upper
63	100		
65	23.3	23.6	43.8#
83	19.4	9.8	18.2#

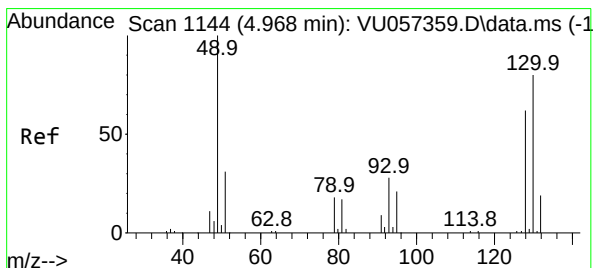
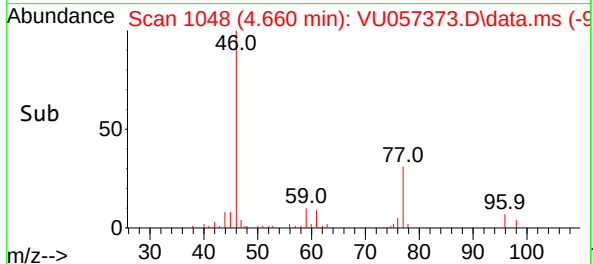
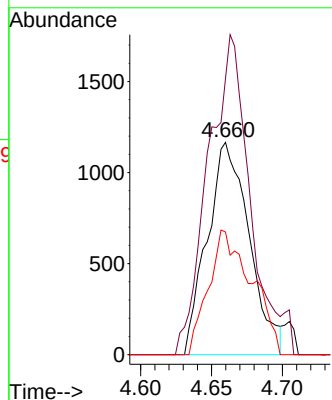
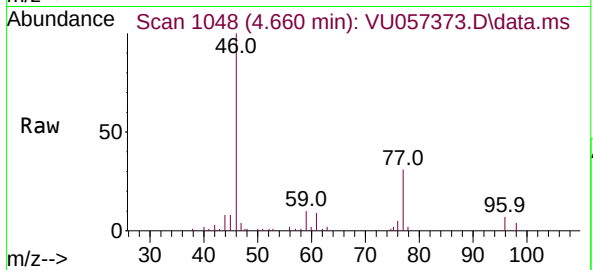




#22
 cis-1,2-Dichloroethene
 Concen: 0.221 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057373.D
 Acq: 29 Dec 2023 15:57

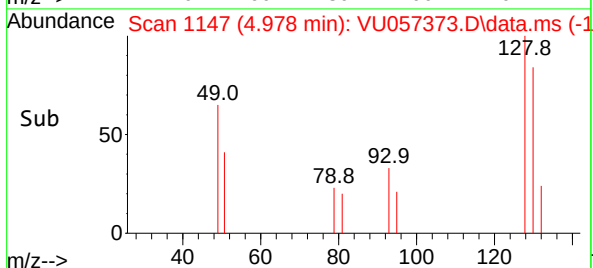
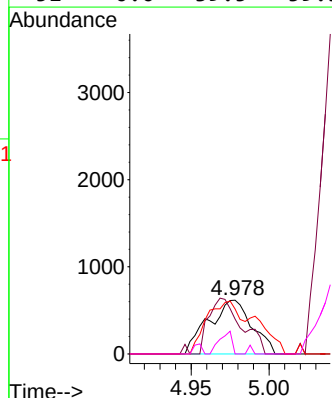
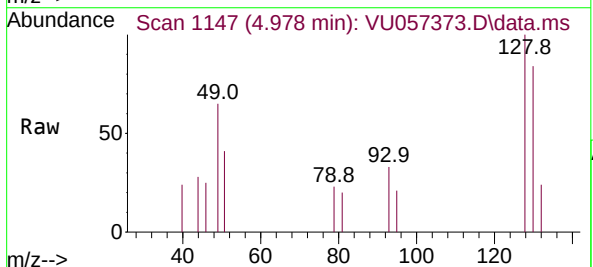
Instrument :
 MSVOA_U
 ClientSampleId :

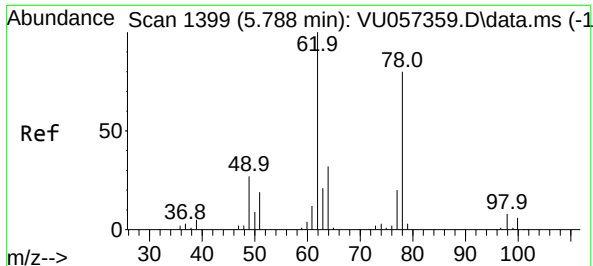
Tgt Ion:	96	Resp:	2402
Ion	Ratio	Lower	Upper
96	100		
61	129.9	91.1	169.3
98	57.8	42.6	79.0



#23
 Bromochloromethane
 Concen: 0.246 ug/L
 RT: 4.978 min Scan# 1147
 Delta R.T. 0.010 min
 Lab File: VU057373.D
 Acq: 29 Dec 2023 15:57

Tgt Ion:	128	Resp:	1196
Ion	Ratio	Lower	Upper
128	100		
49	65.0	113.1	210.1#
130	83.8	91.6	170.2#
51	0.0	39.5	59.3#

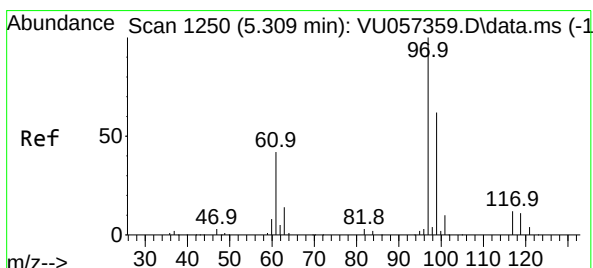
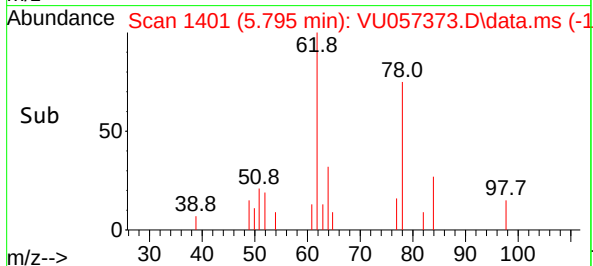
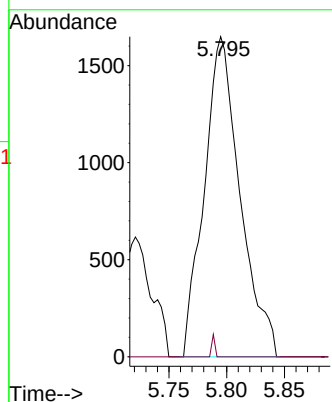
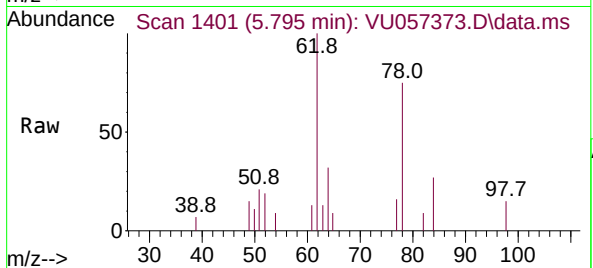




#27
1,2-Dichloroethane
Concen: 0.272 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.007 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

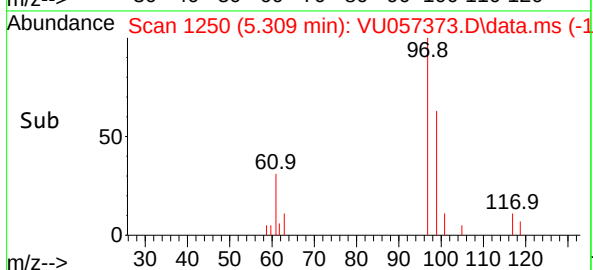
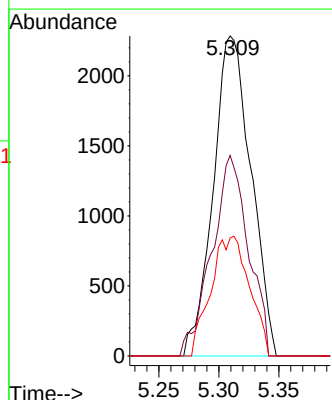
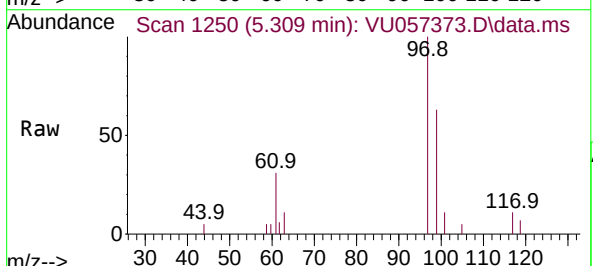
Instrument :
MSVOA_U
ClientSampleId :

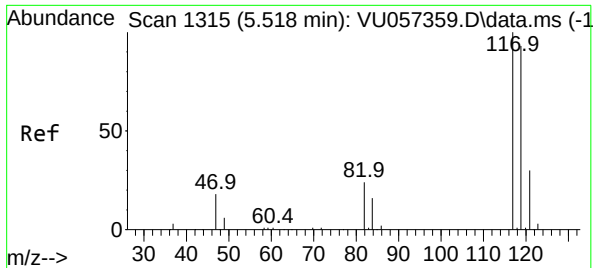
Tgt Ion: 62 Resp: 3557
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.6#



#29
1,1,1-Trichloroethane
Concen: 0.277 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion: 97 Resp: 5015
Ion Ratio Lower Upper
97 100
99 60.4 51.7 77.5
61 38.3 34.1 51.1

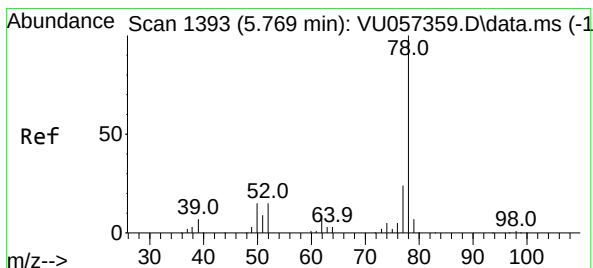
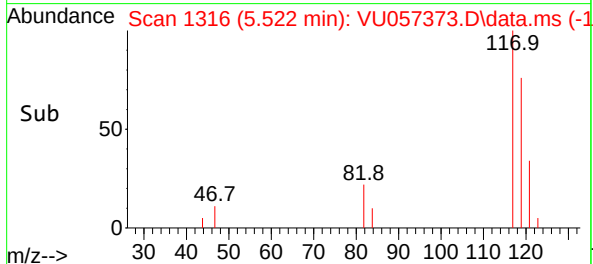
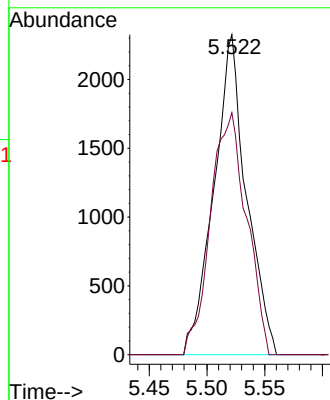
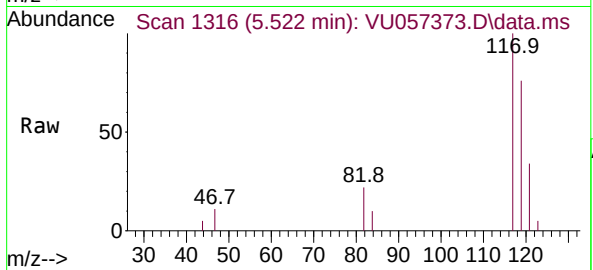




#31
Carbon tetrachloride
Concen: 0.300 ug/L
RT: 5.522 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

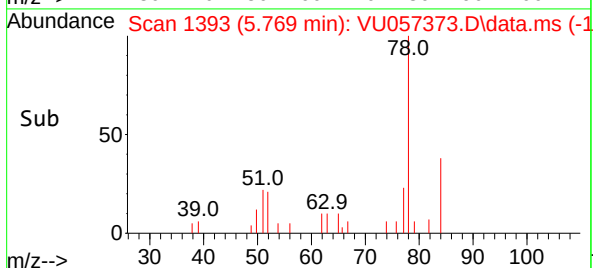
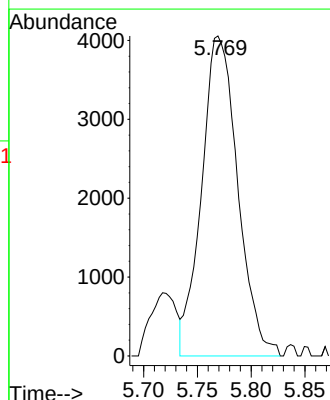
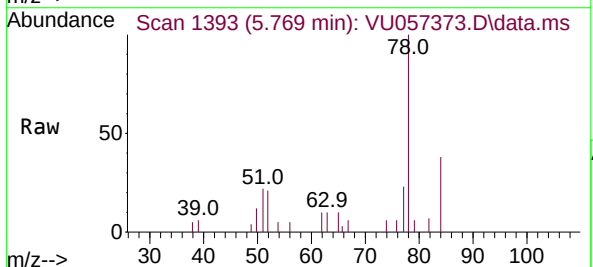
Instrument :
MSVOA_U
ClientSampleId :

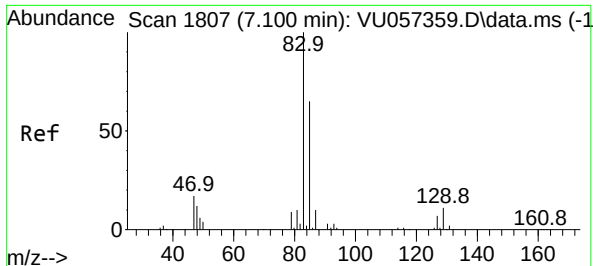
Tgt Ion:117 Resp: 4557
Ion Ratio Lower Upper
117 100
119 83.6 76.7 115.1



#33
Benzene
Concen: 0.230 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion: 78 Resp: 9487





#38

Bromodichloromethane

Concen: 0.225 ug/L

RT: 7.103 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

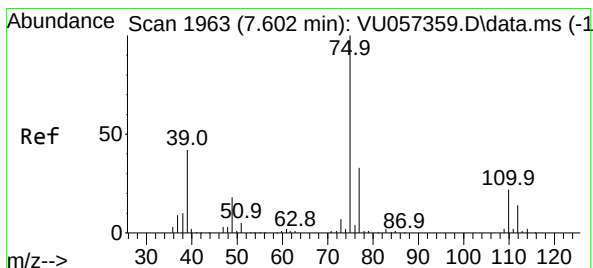
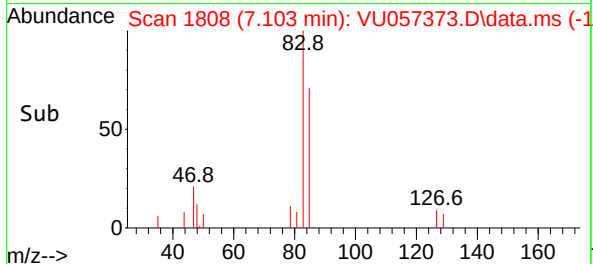
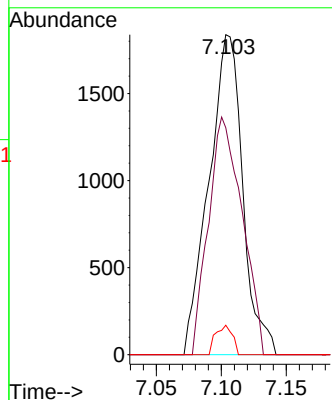
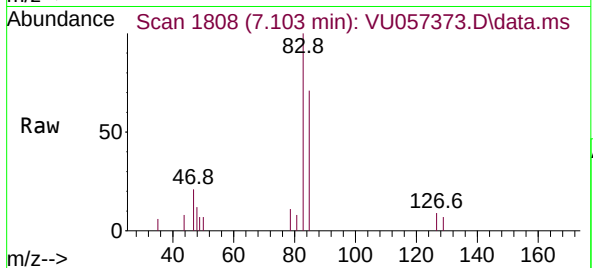
Tgt Ion: 83 Resp: 3329

Ion Ratio Lower Upper

83 100

85 70.9 42.6 79.0

127 9.2 6.8 10.2



#39

cis-1,3-Dichloropropene

Concen: 0.212 ug/L

RT: 7.608 min Scan# 1965

Delta R.T. 0.007 min

Lab File: VU057373.D

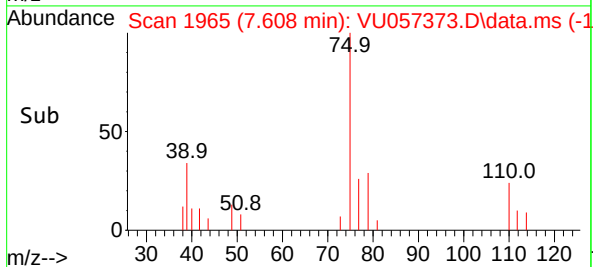
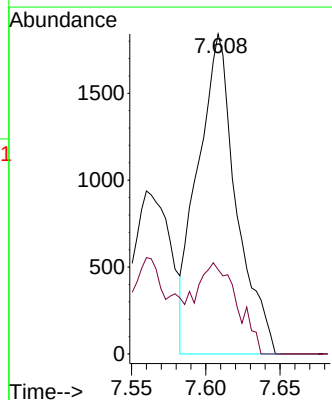
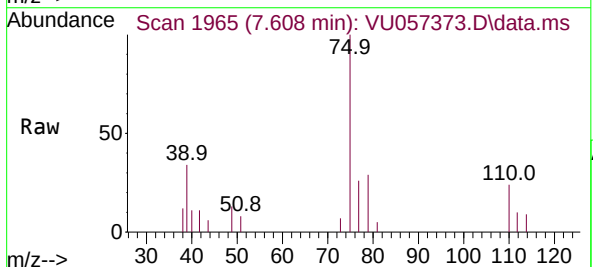
Acq: 29 Dec 2023 15:57

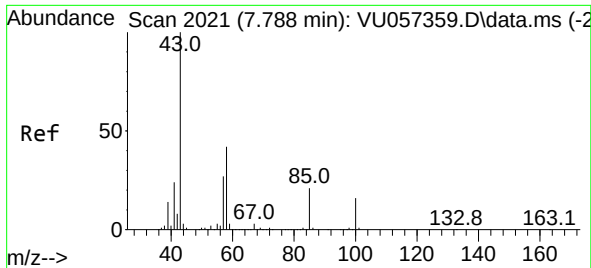
Tgt Ion: 75 Resp: 3318

Ion Ratio Lower Upper

75 100

77 26.3 23.0 42.8





#40

4-Methyl-2-pentanone

Concen: 1.408 ug/L

RT: 7.792 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU057373.D

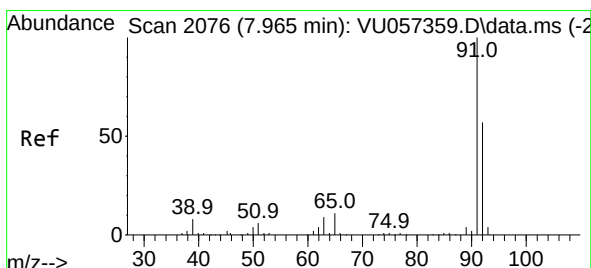
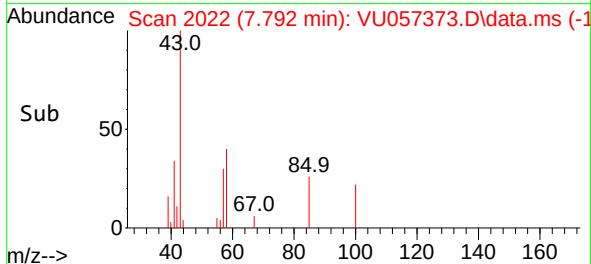
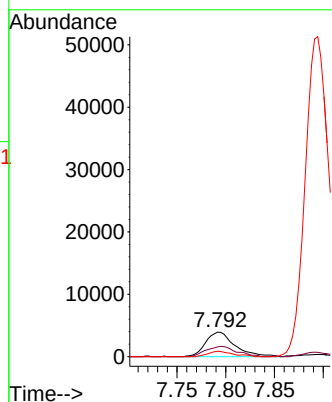
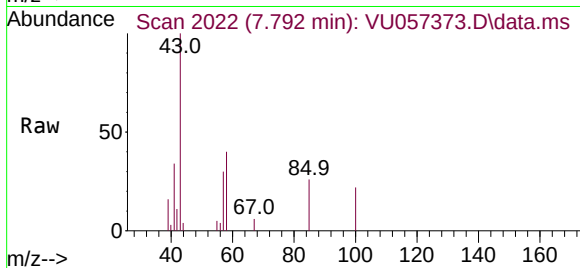
Acq: 29 Dec 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43	Resp: 8232
Ion Ratio	Lower Upper
43	100
58	43.7 34.4 51.6
100	0.0 13.2 19.8#



#42

Toluene

Concen: 0.218 ug/L

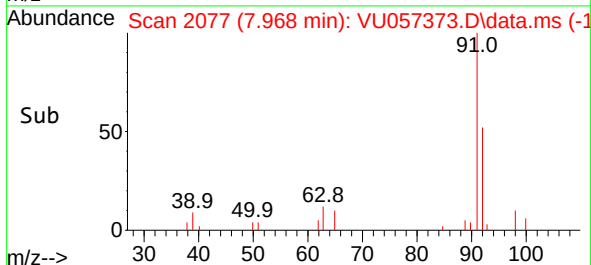
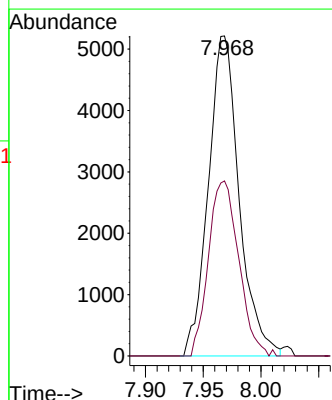
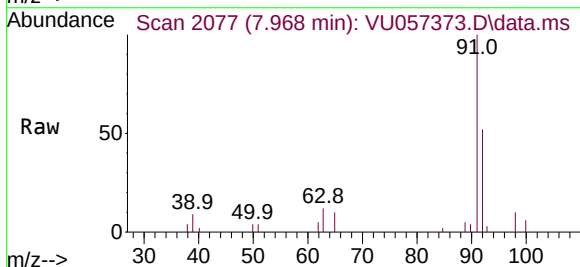
RT: 7.968 min Scan# 2077

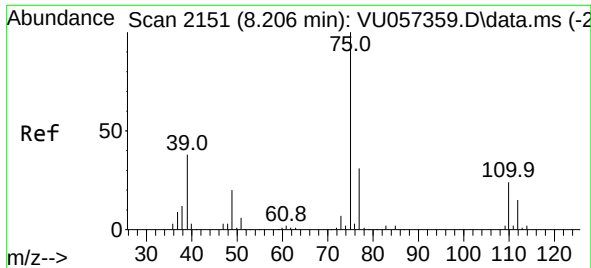
Delta R.T. 0.003 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Tgt Ion: 91	Resp: 9687
Ion Ratio	Lower Upper
91	100
92	54.7 41.6 77.2

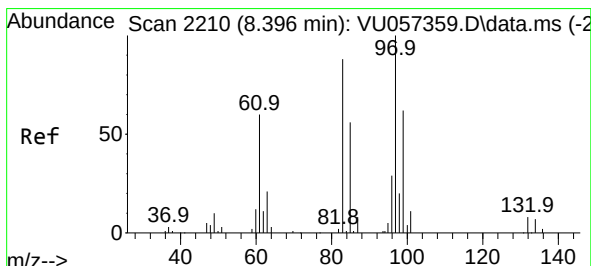
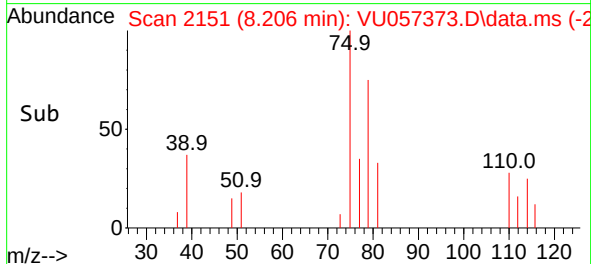
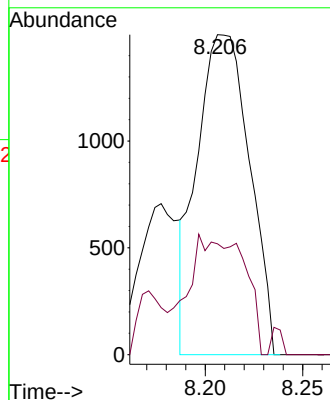
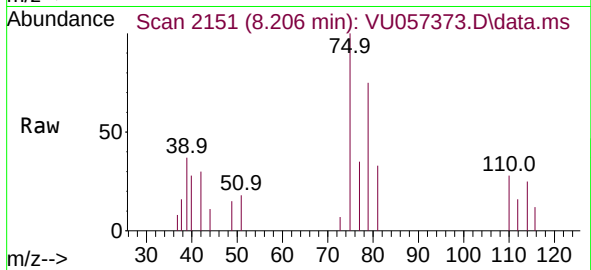




#44
trans-1,3-Dichloropropene
Concen: 0.205 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

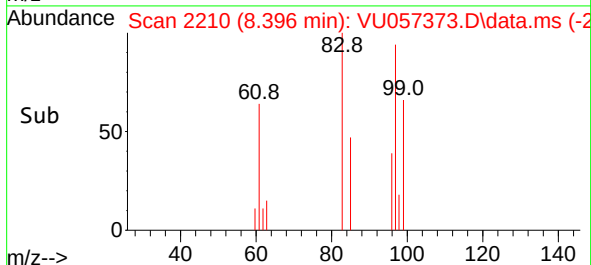
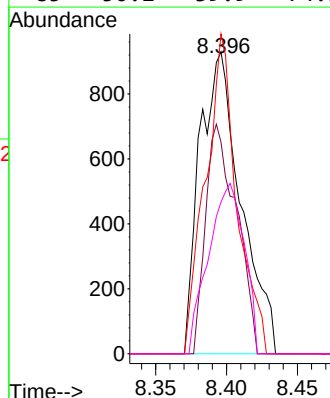
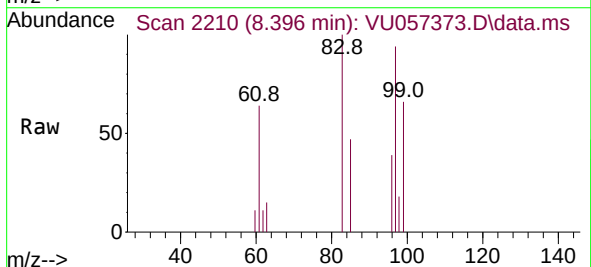
Instrument :
MSVOA_U
ClientSampleId :

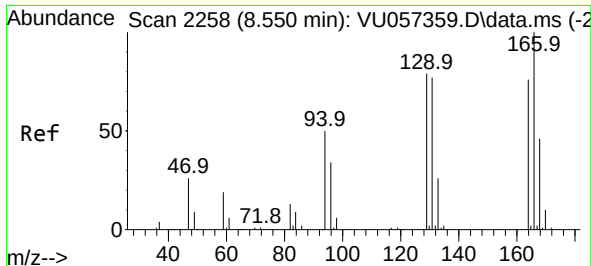
Tgt Ion: 75 Resp: 2803
Ion Ratio Lower Upper
75 100
77 34.6 22.5 41.9



#45
1,1,2-Trichloroethane
Concen: 0.224 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

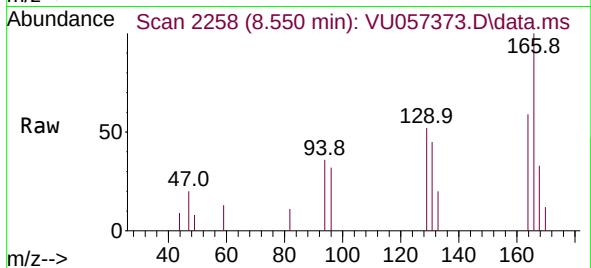
Tgt Ion: 97 Resp: 1868
Ion Ratio Lower Upper
97 100
99 70.1 44.0 81.8
83 105.9 62.3 115.7
85 50.2 39.9 74.1



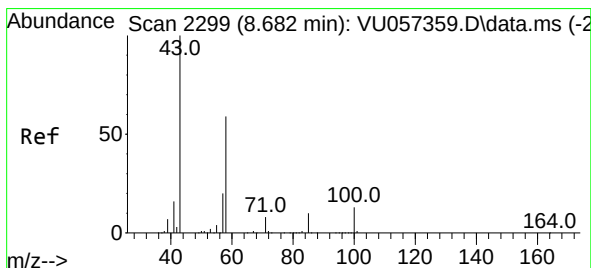
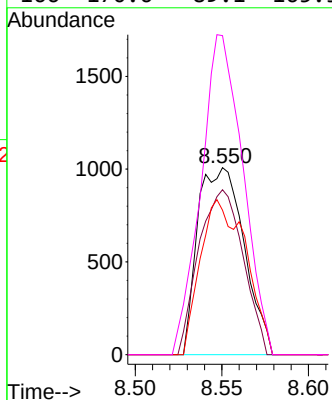
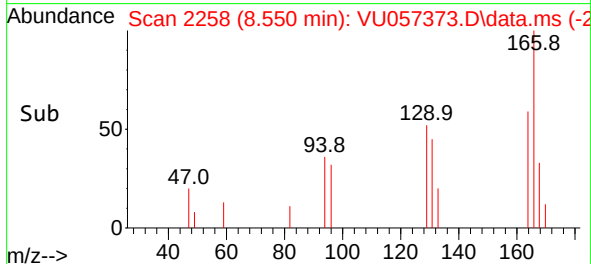


#47
Tetrachloroethene
Concen: 0.241 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

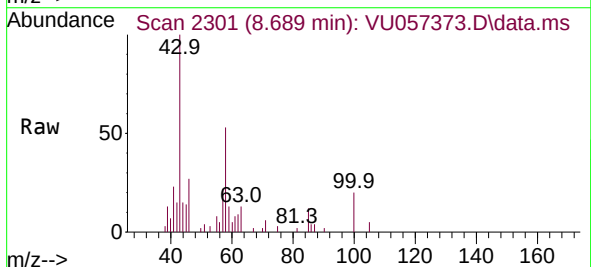
Instrument :
MSVOA_U
ClientSampleId :



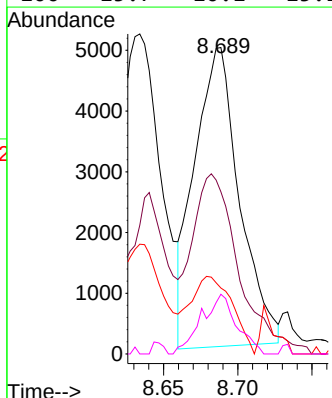
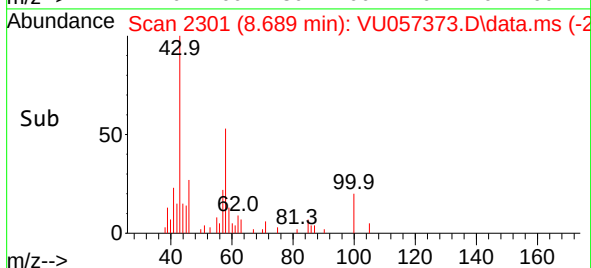
Tgt Ion:164 Resp: 1872
Ion Ratio Lower Upper
164 100
129 88.2 71.3 132.5
131 77.3 70.7 131.3
166 170.6 89.1 165.5#

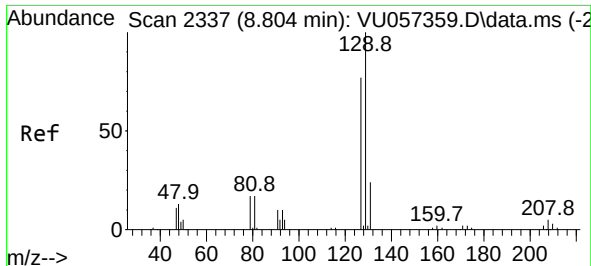


#48
2-Hexanone
Concen: 2.410 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57



Tgt Ion: 43 Resp: 10385
Ion Ratio Lower Upper
43 100
58 63.5 48.4 72.6
57 24.5 17.4 26.2
100 15.7 10.1 15.1#





#49

Dibromochloromethane

Concen: 0.206 ug/L

RT: 8.808 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Instrument :

MSVOA_U

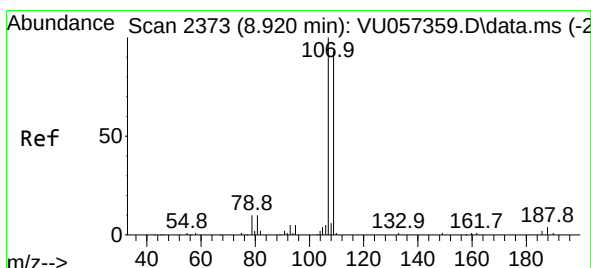
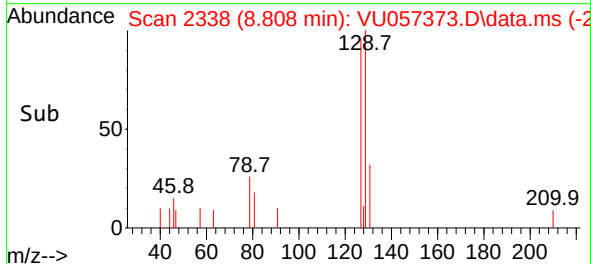
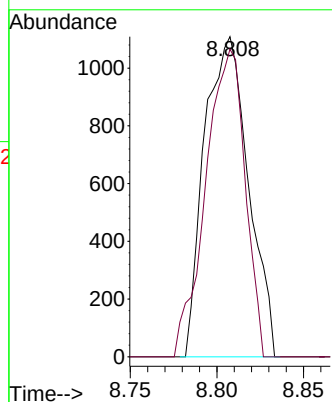
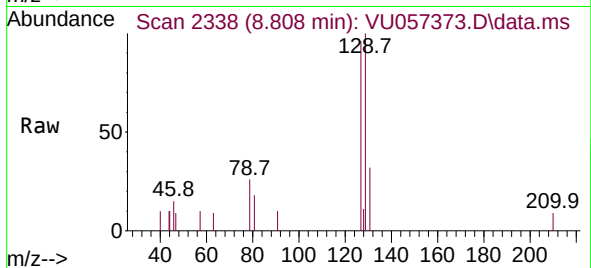
ClientSampleId :

Tgt Ion:129 Resp: 1958

Ion Ratio Lower Upper

129 100

127 96.1 54.2 100.6



#50

1,2-Dibromoethane

Concen: 0.223 ug/L

RT: 8.923 min Scan# 2374

Delta R.T. 0.003 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

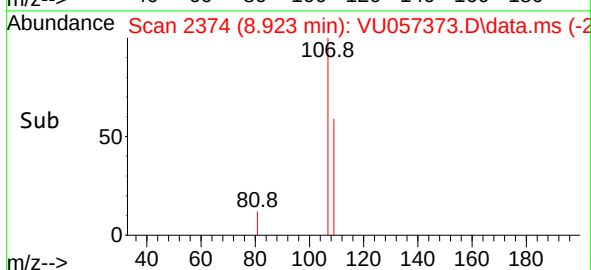
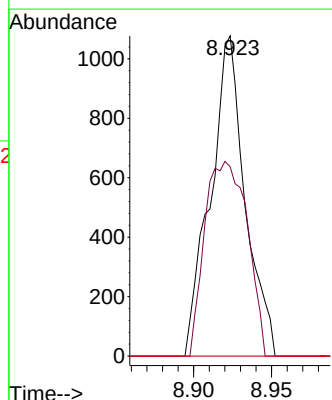
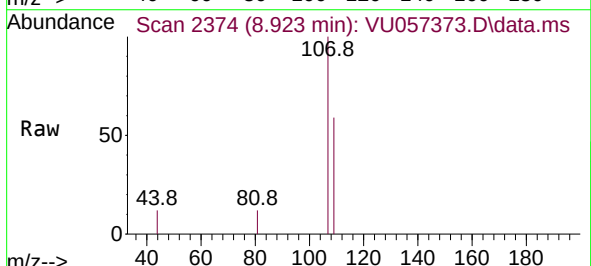
Tgt Ion:107 Resp: 1669

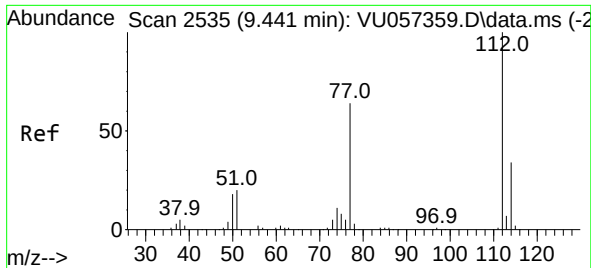
Ion Ratio Lower Upper

107 100

109 59.1 65.2 121.2#

188 0.0 2.3 3.5#

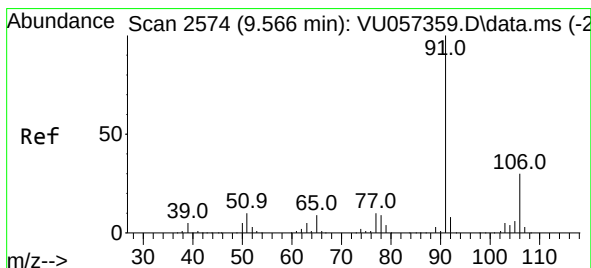
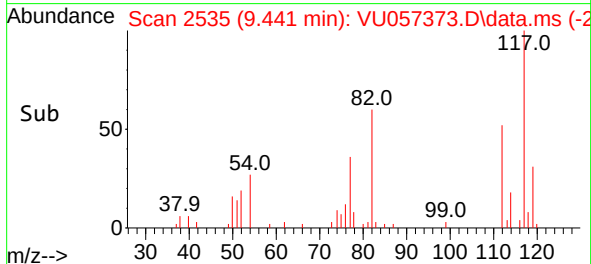
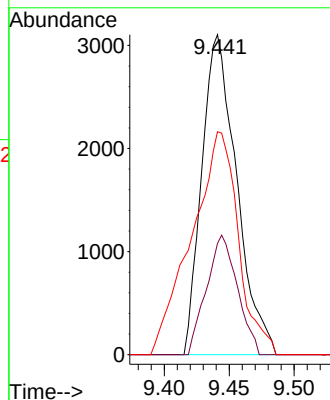
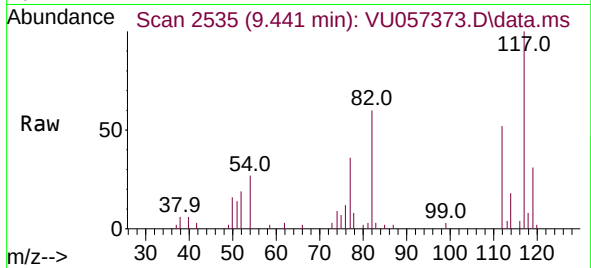




#51
Chlorobenzene
Concen: 0.214 ug/L
RT: 9.441 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

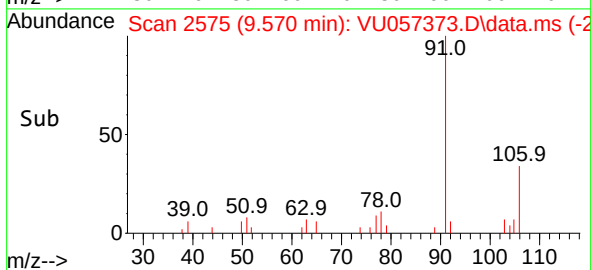
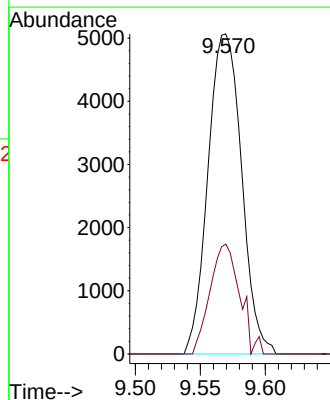
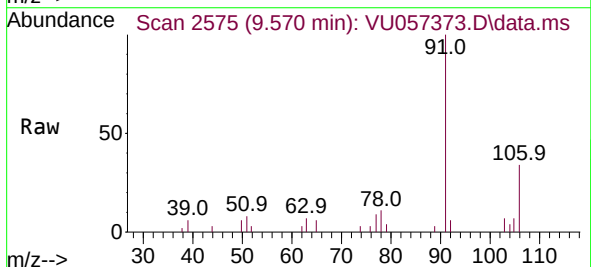
Instrument :
MSVOA_U
ClientSampleId :

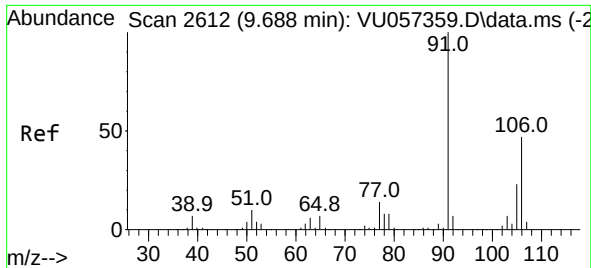
Tgt Ion:112 Resp: 5784
Ion Ratio Lower Upper
112 100
114 34.8 21.8 40.4
77 85.2 51.2 76.8#



#52
Ethylbenzene
Concen: 0.206 ug/L
RT: 9.570 min Scan# 2575
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion: 91 Resp: 9108
Ion Ratio Lower Upper
91 100
106 34.3 21.1 39.3

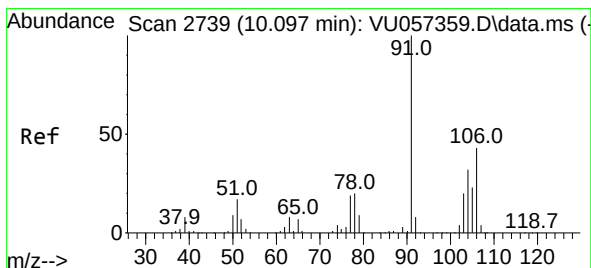
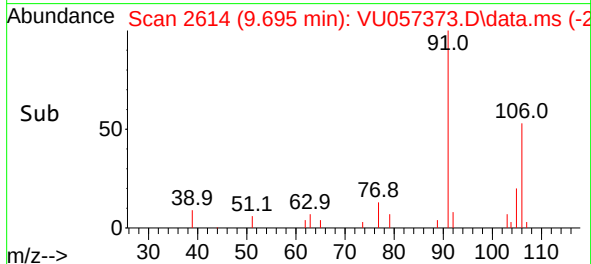
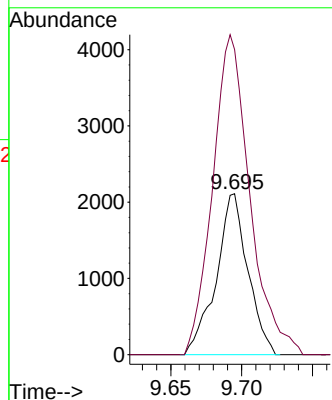
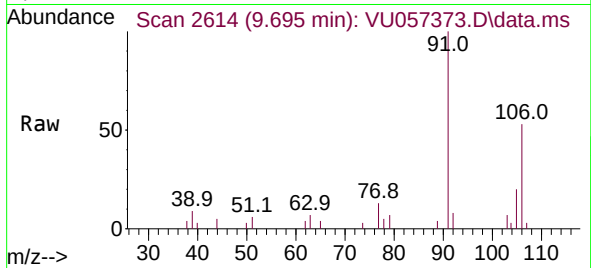




#53
m,p-Xylene
Concen: 0.195 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.007 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

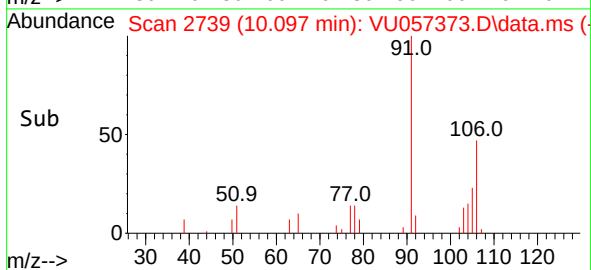
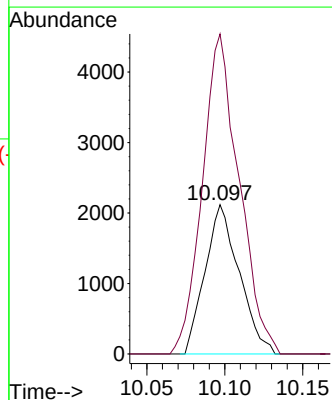
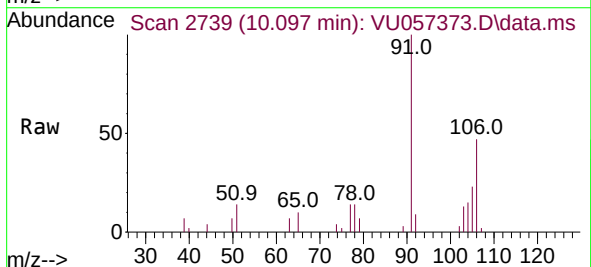
Instrument :
MSVOA_U
ClientSampleId :

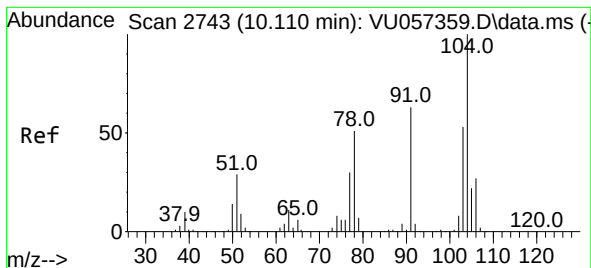
Tgt Ion:106 Resp: 3284
Ion Ratio Lower Upper
106 100
91 189.6 151.5 281.5



#54
o-Xylene
Concen: 0.202 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion:106 Resp: 3234
Ion Ratio Lower Upper
106 100
91 214.4 156.0 289.8





#55

Styrene

Concen: 0.169 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Instrument :

MSVOA_U

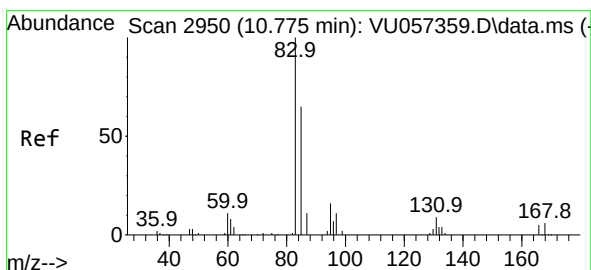
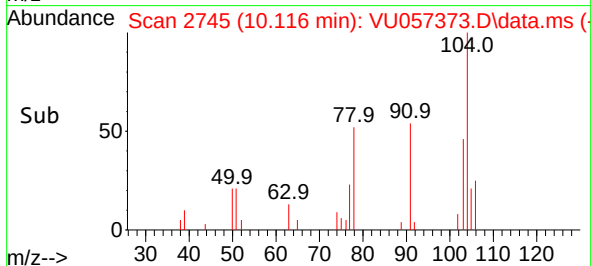
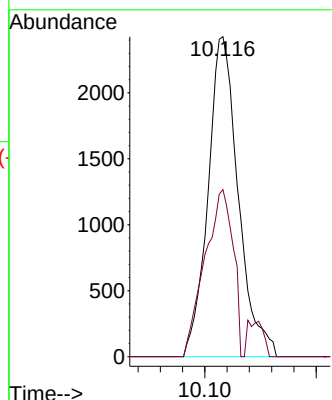
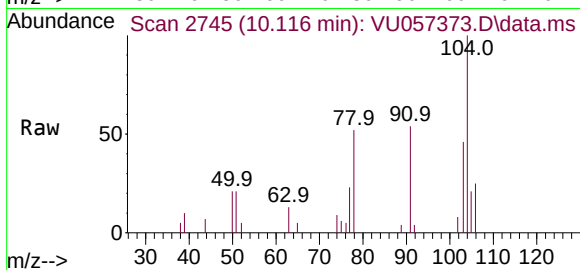
ClientSampleId :

Tgt Ion:104 Resp: 4576

Ion Ratio Lower Upper

104 100

78 52.2 36.3 67.3



#57

1,1,2,2-Tetrachloroethane

Concen: 0.207 ug/L

RT: 10.779 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

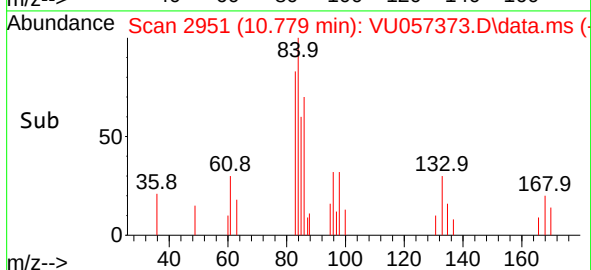
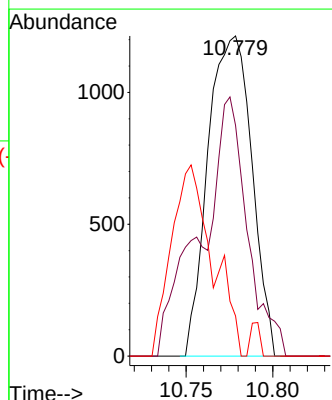
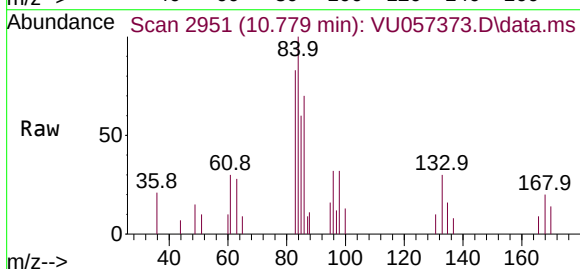
Tgt Ion: 83 Resp: 2137

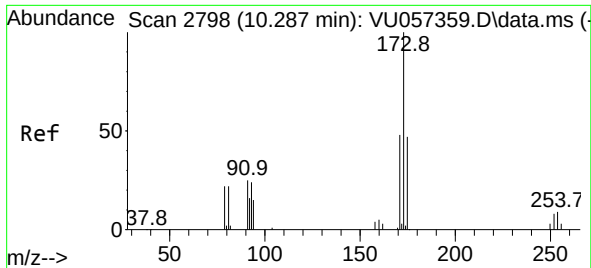
Ion Ratio Lower Upper

83 100

85 72.1 44.7 83.1

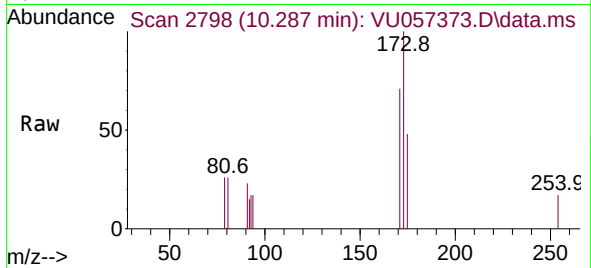
131 12.5 7.7 11.5#



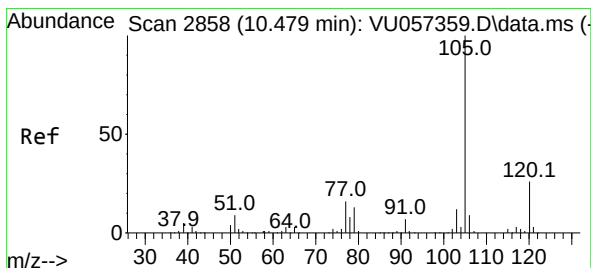
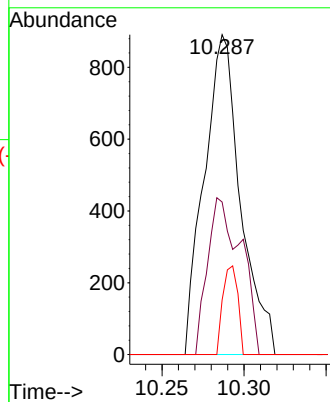
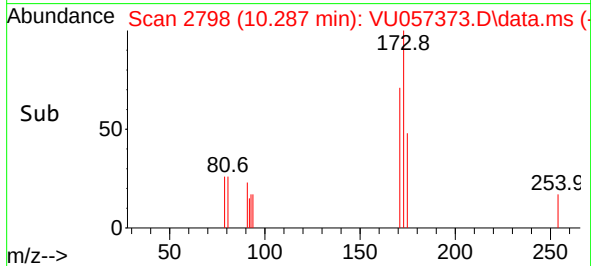


#59
Bromoform
Concen: 0.277 ug/L
RT: 10.287 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :

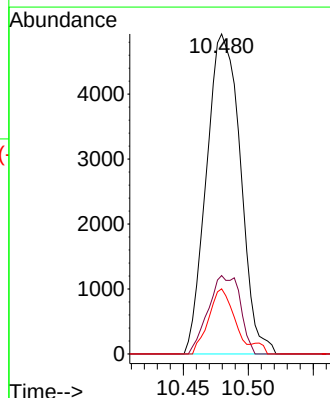
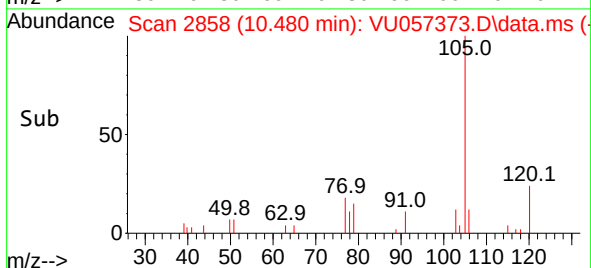
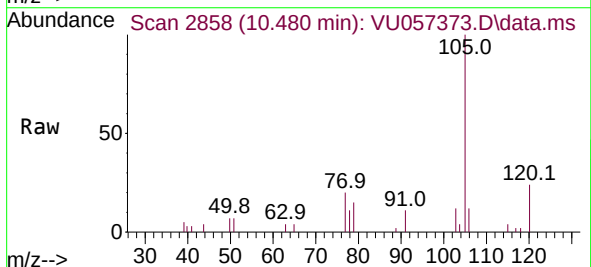


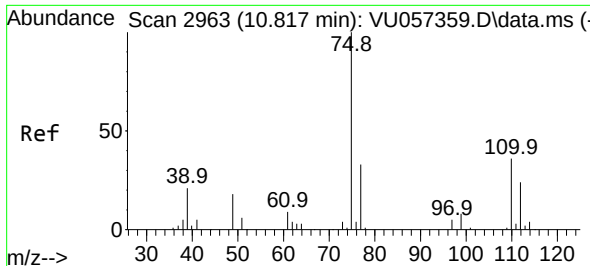
Tgt Ion:173 Resp: 1371
Ion Ratio Lower Upper
173 100
175 45.1 40.2 60.2
254 11.3 6.8 10.2#



#60
Isopropylbenzene
Concen: 0.231 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion:105 Resp: 8944
Ion Ratio Lower Upper
105 100
120 23.0 20.2 30.4
77 15.5 13.2 19.8

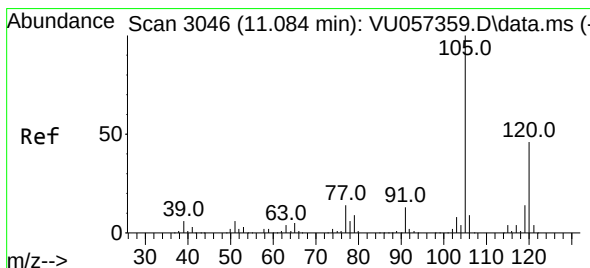
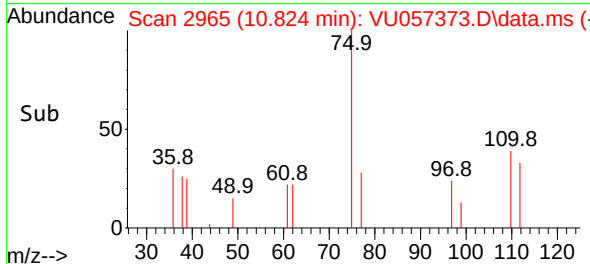
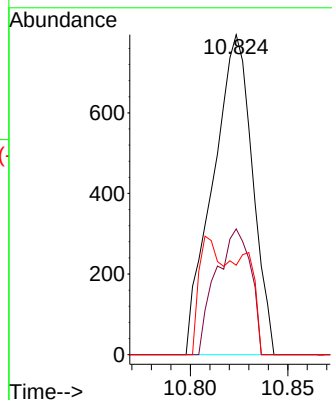
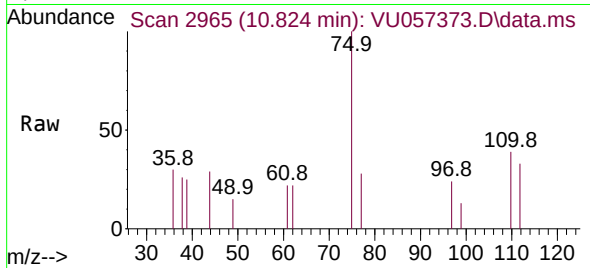




#61
 1,2,3-Trichloropropane
 Concen: 0.169 ug/L
 RT: 10.824 min Scan# 2965
 Delta R.T. 0.006 min
 Lab File: VU057373.D
 Acq: 29 Dec 2023 15:57

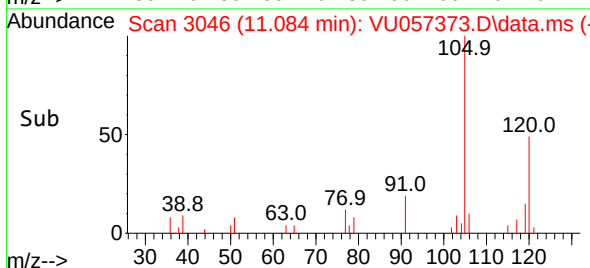
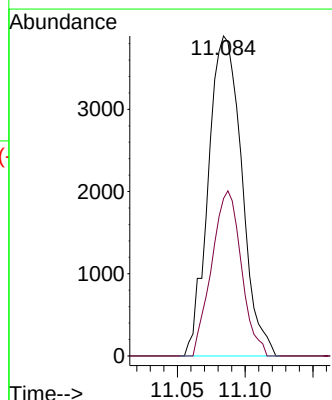
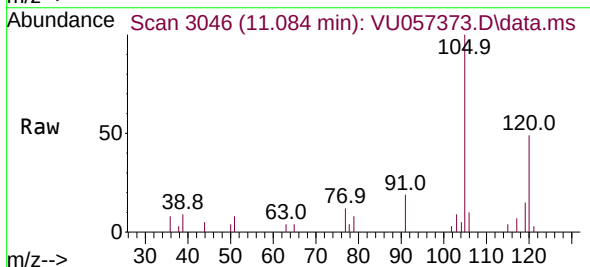
Instrument :
 MSVOA_U
 ClientSampleId :

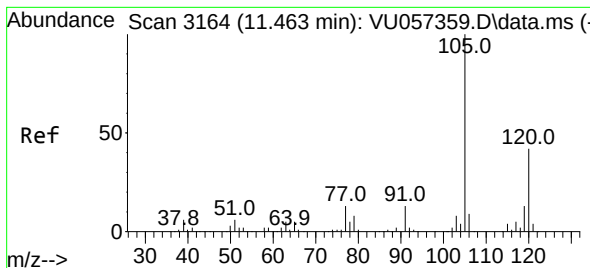
Tgt Ion: 75 Resp: 1118
 Ion Ratio Lower Upper
 75 100
 110 34.7 29.0 43.6
 77 21.3 25.4 38.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.220 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU057373.D
 Acq: 29 Dec 2023 15:57

Tgt Ion: 105 Resp: 6683
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.0 54.0





#63

1,2,4-Trimethylbenzene

Concen: 0.220 ug/L

RT: 11.467 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Instrument :

MSVOA_U

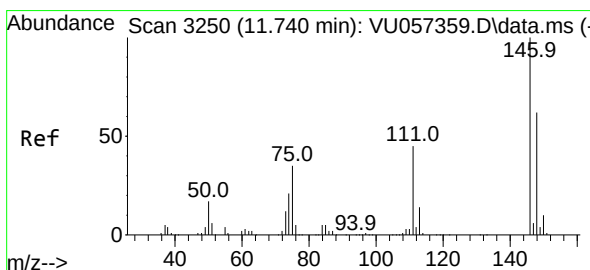
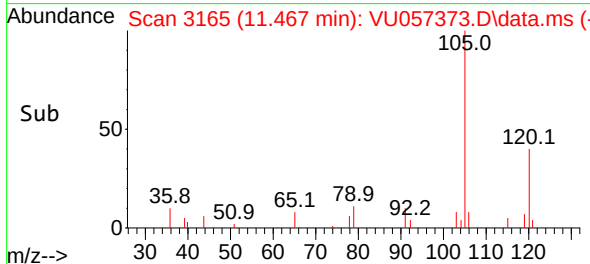
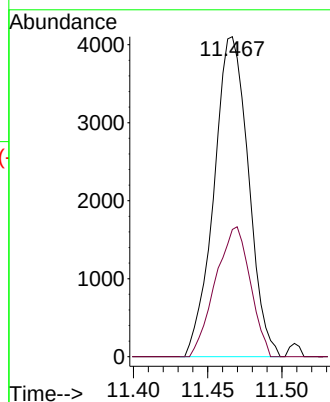
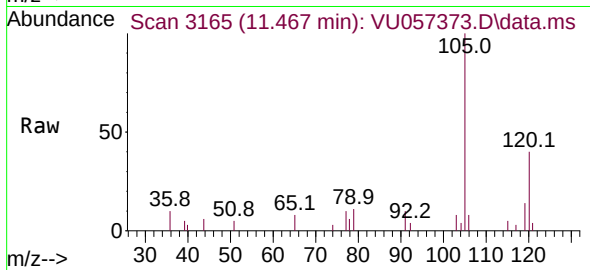
ClientSampleId :

Tgt Ion:105 Resp: 6641

Ion Ratio Lower Upper

105 100

120 40.8 33.5 50.3



#64

1,3-Dichlorobenzene

Concen: 0.254 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

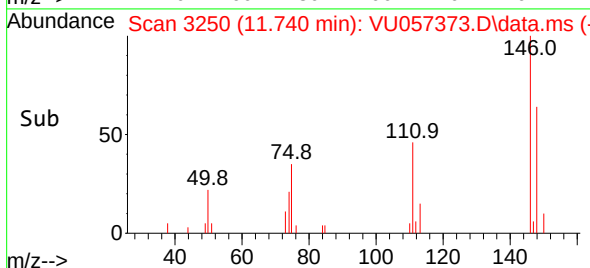
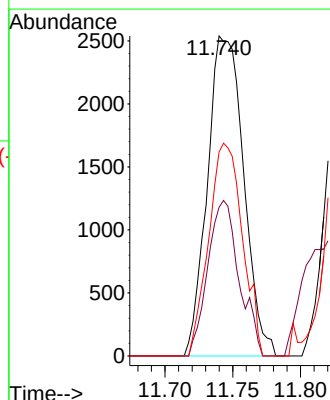
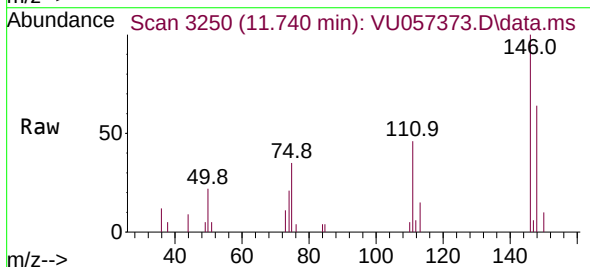
Tgt Ion:146 Resp: 4721

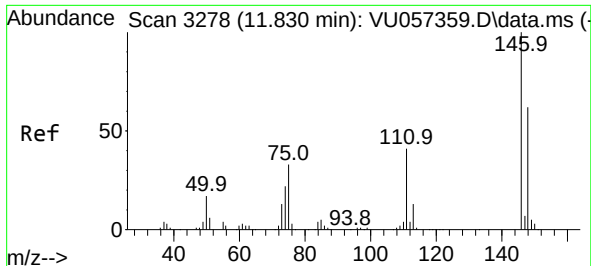
Ion Ratio Lower Upper

146 100

111 46.4 31.4 58.2

148 63.8 44.3 82.3

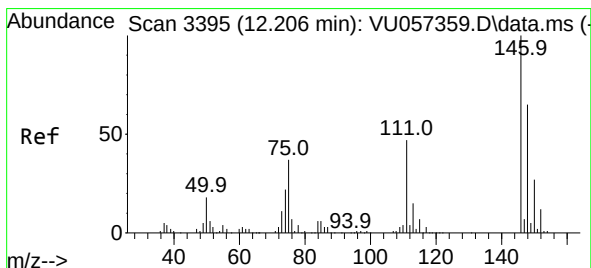
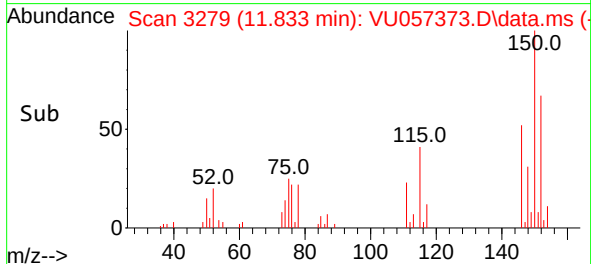
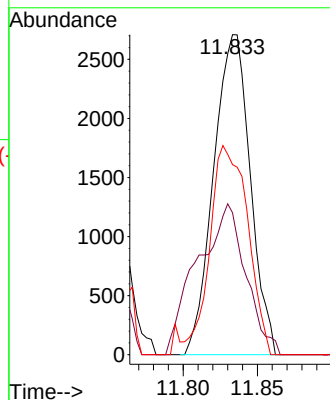
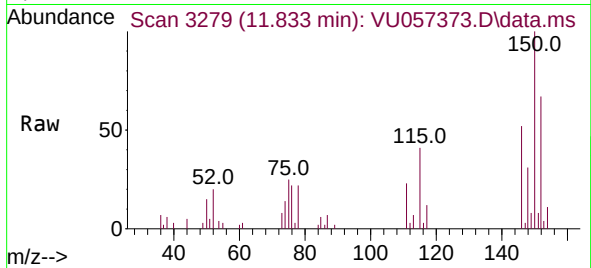




#65
1,4-Dichlorobenzene
Concen: 0.246 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

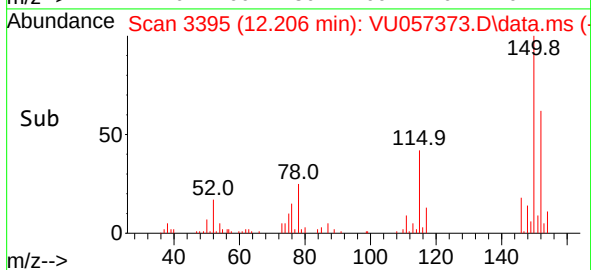
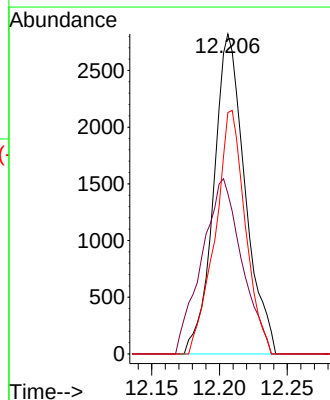
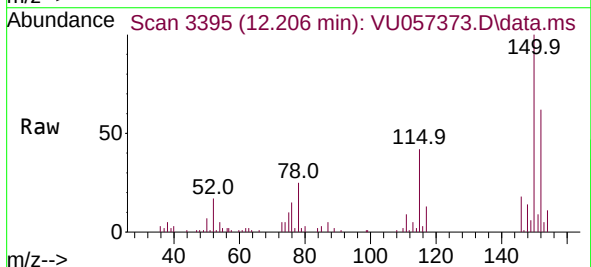
Instrument :
MSVOA_U
ClientSampleId :

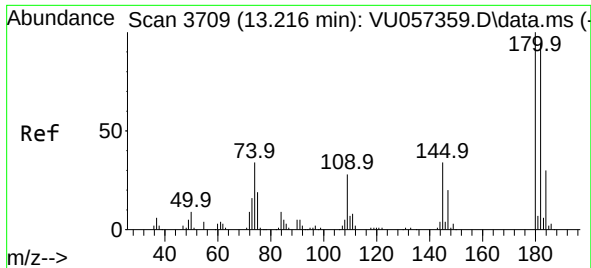
Tgt Ion:146 Resp: 4656
Ion Ratio Lower Upper
146 100
111 44.3 30.9 57.3
148 59.4 43.4 80.6



#67
1,2-Dichlorobenzene
Concen: 0.253 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion:146 Resp: 4536
Ion Ratio Lower Upper
146 100
111 50.1 37.8 56.8
148 75.4 51.4 77.0





#69

1,3,5-Trichlorobenzene

Concen: 0.250 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.627 min

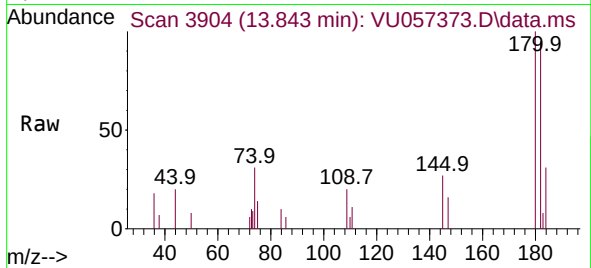
Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 3333

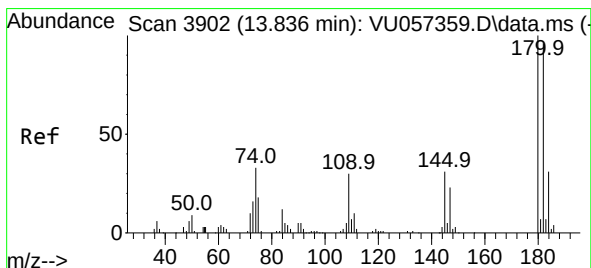
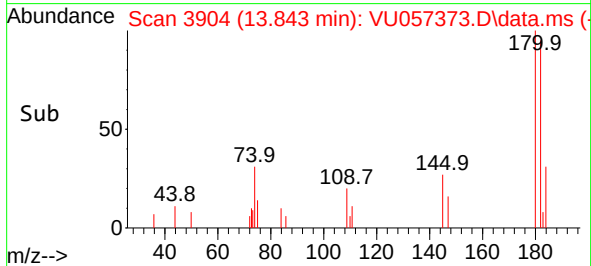
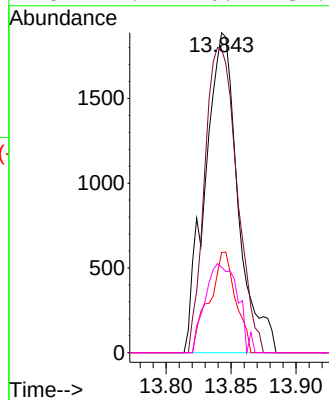
Ion Ratio Lower Upper

180 100

182 93.1 76.3 114.5

184 25.1 23.6 35.4

145 27.4 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 0.317 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.006 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Tgt Ion:180 Resp: 3356

Ion Ratio Lower Upper

180 100

182 92.5 76.2 114.4

145 27.2 26.7 40.1

