

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056832.D
 Acq On : 14 Dec 2023 12:29
 Operator : MD/SY
 Sample : MDL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:51:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 00:49:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	229712	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	235192	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	73765	3.746	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.911	69	63230	4.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.563	65	34290	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.624	46	217468	55.926	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.860%
24) Chloroform-d	5.055	84	183096	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.695	65	91282	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.721	84	338568	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.685	67	108714	4.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.894	98	271540	4.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.177	79	37940	4.285	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.631	63	158351	47.415	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	82797	5.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	97394	5.040	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	4973	0.207	ug/L #	87
3) Chloromethane	1.515	50	7177	0.303	ug/L	96
5) Vinyl chloride	1.602	62	5631	0.240	ug/L #	1
6) Bromomethane	1.853	94	3378	0.244	ug/L	88
8) Chloroethane	1.927	64	3280	0.238	ug/L	85
9) Trichlorofluoromethane	2.136	101	7015	0.212	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	5219	0.257	ug/L #	88
12) 1,1-Dichloroethene	2.576	96	4860	0.261	ug/L #	1
14) Carbon disulfide	2.788	76	14048	0.217	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	9075	0.219	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	4308	0.228	ug/L	78
19) 1,1-Dichloroethane	3.866	63	8229	0.226	ug/L #	84
21) 2-Butanone	4.724	43	6848	1.714	ug/L	85
22) cis-1,2-Dichloroethene	4.660	96	4521	0.220	ug/L	92
23) Bromochloromethane	4.975	128	1870	0.217	ug/L	99
27) 1,2-Dichloroethane	5.798	62	5493	0.244	ug/L #	95
29) 1,1,1-Trichloroethane	5.309	97	7058	0.208	ug/L	95
31) Carbon tetrachloride	5.518	117	6623	0.224	ug/L	92
33) Benzene	5.769	78	18578	0.225	ug/L	100

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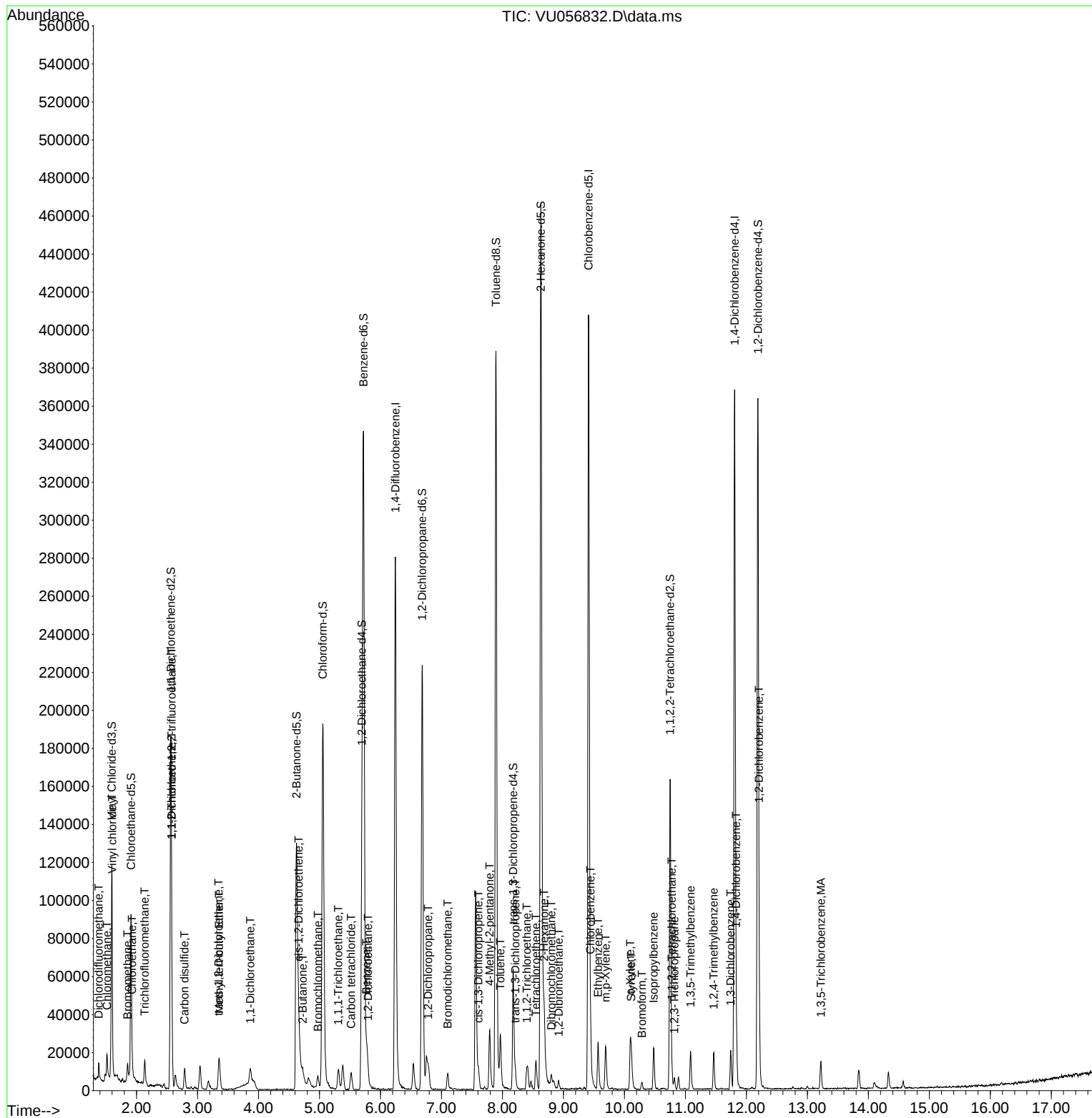
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2-Dichloropropane	6.782	63	4462	0.211	ug/L #	93
38) Bromodichloromethane	7.103	83	6066	0.225	ug/L	87
39) cis-1,3-Dichloropropene	7.608	75	6191	0.201	ug/L	90
40) 4-Methyl-2-pentanone	7.791	43	21359	2.127	ug/L #	86
42) Toluene	7.965	91	19593	0.229	ug/L	96
44) trans-1,3-Dichloropropene	8.213	75	6796	0.269	ug/L	86
45) 1,1,2-Trichloroethane	8.399	97	3132	0.219	ug/L #	82
47) Tetrachloroethene	8.550	164	3201	0.202	ug/L	90
48) 2-Hexanone	8.685	43	22186	3.103	ug/L	96
49) Dibromochloromethane	8.801	129	3251	0.198	ug/L	90
50) 1,2-Dibromoethane	8.923	107	3019	0.228	ug/L #	90
51) Chlorobenzene	9.444	112	11741	0.215	ug/L	94
52) Ethylbenzene	9.569	91	17254	0.183	ug/L	99
53) m,p-Xylene	9.692	106	7189	0.205	ug/L	83
54) o-Xylene	10.097	106	6807	0.203	ug/L	85
55) Styrene	10.113	104	9070	0.165	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.775	83	3777	0.219	ug/L #	89
59) Bromoform	10.286	173	1938	0.241	ug/L #	86
60) Isopropylbenzene	10.479	105	14502	0.187	ug/L	96
61) 1,2,3-Trichloropropane	10.820	75	2218	0.210	ug/L #	84
62) 1,3,5-Trimethylbenzene	11.084	105	11449	0.180	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	10983	0.174	ug/L	96
64) 1,3-Dichlorobenzene	11.743	146	9103	0.248	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	10475	0.290	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	11977	0.358	ug/L	91
69) 1,3,5-Trichlorobenzene	13.222	180	5290	0.191	ug/L	93

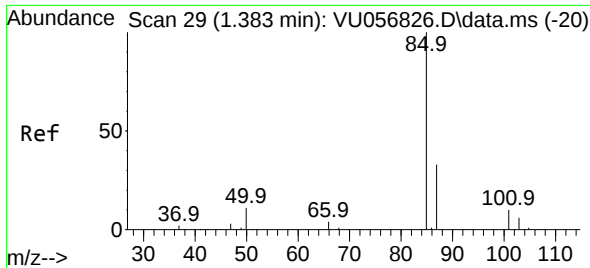
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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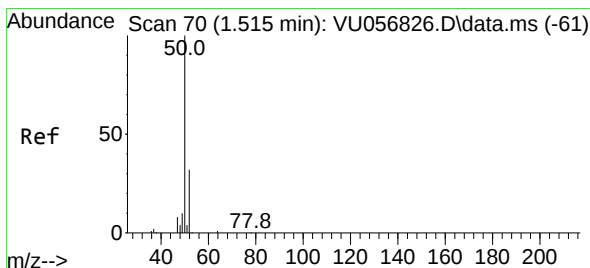
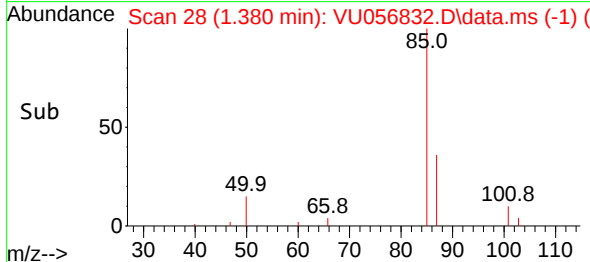
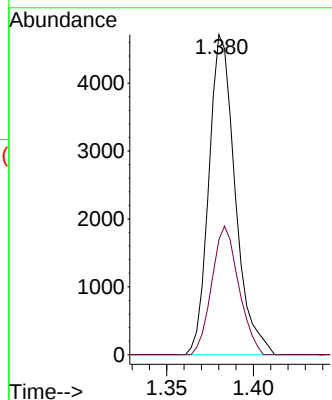
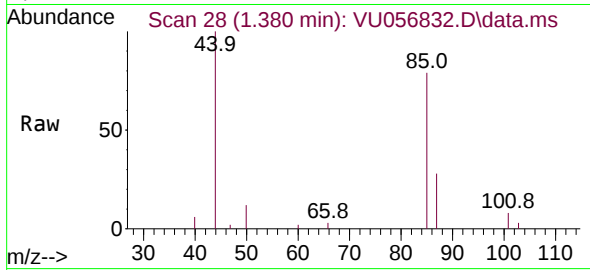




#2
 Dichlorodifluoromethane
 Concen: 0.207 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU056832.D
 Acq: 14 Dec 2023 12:29

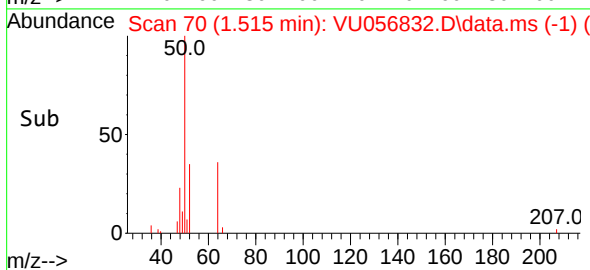
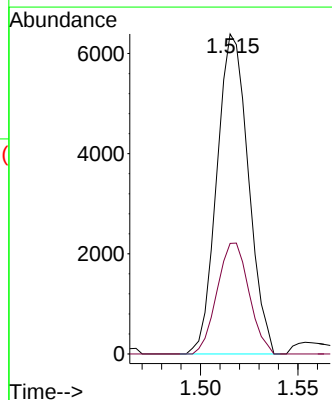
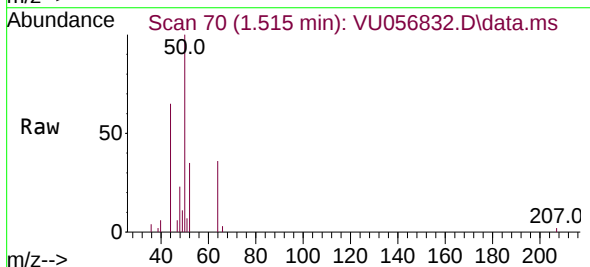
Instrument :
 MSVOA_U
 ClientSampleId :

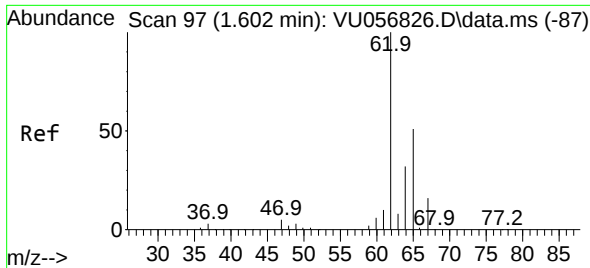
Tgt Ion: 85 Resp: 4973
 Ion Ratio Lower Upper
 85 100
 87 41.0 26.8 40.2#



#3
 Chloromethane
 Concen: 0.303 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056832.D
 Acq: 14 Dec 2023 12:29

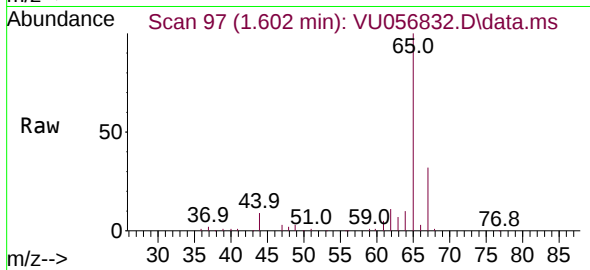
Tgt Ion: 50 Resp: 7177
 Ion Ratio Lower Upper
 50 100
 52 34.6 22.5 41.7



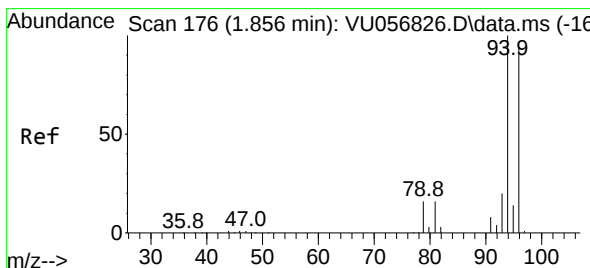
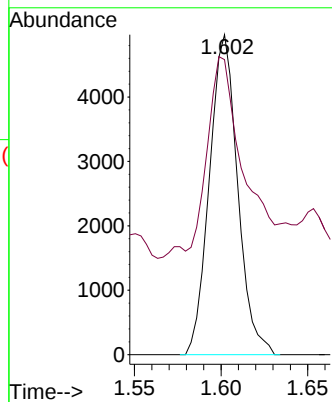
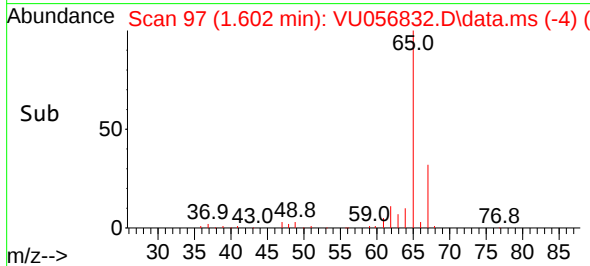


#5
 Vinyl chloride
 Concen: 0.240 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056832.D
 Acq: 14 Dec 2023 12:29

Instrument :
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 ClientSampleId :

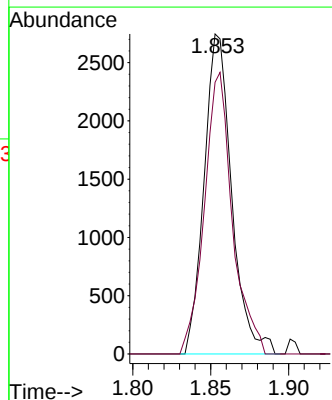
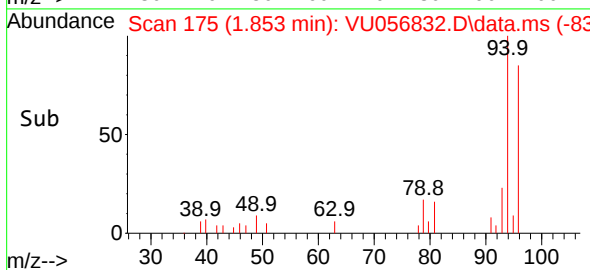
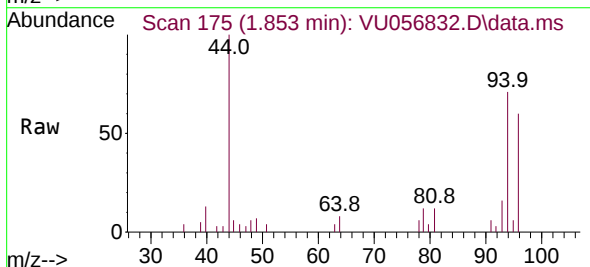


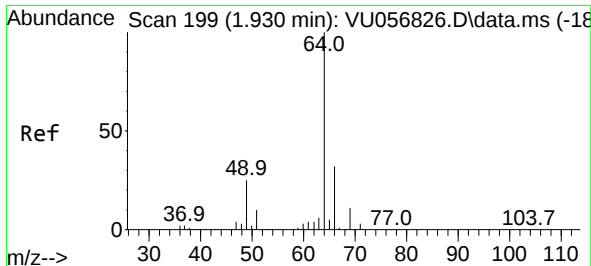
Tgt Ion: 62 Resp: 5631
 Ion Ratio Lower Upper
 62 100
 64 92.2 22.8 42.4#



#6
 Bromomethane
 Concen: 0.244 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU056832.D
 Acq: 14 Dec 2023 12:29

Tgt Ion: 94 Resp: 3378
 Ion Ratio Lower Upper
 94 100
 96 84.9 67.8 125.8

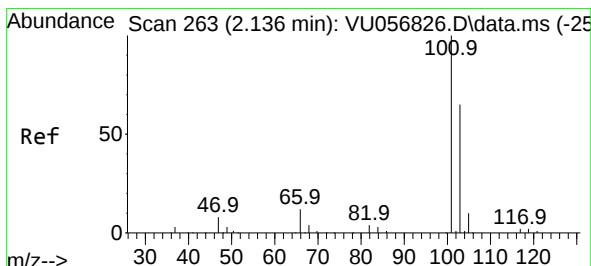
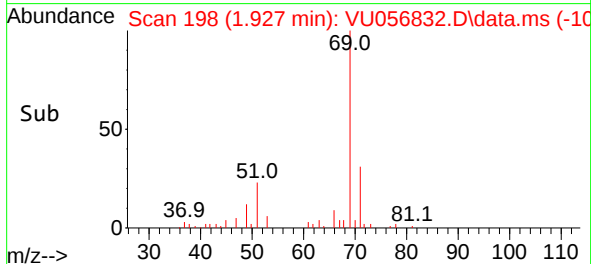
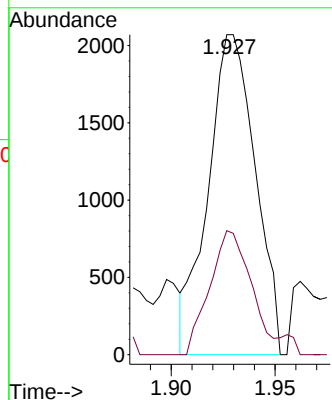
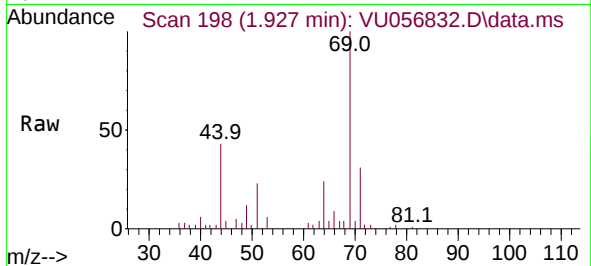




#8
Chloroethane
Concen: 0.238 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

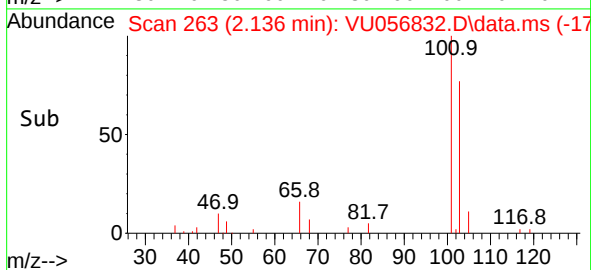
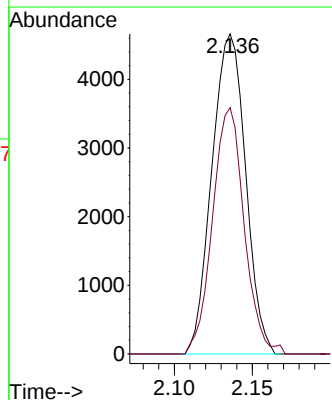
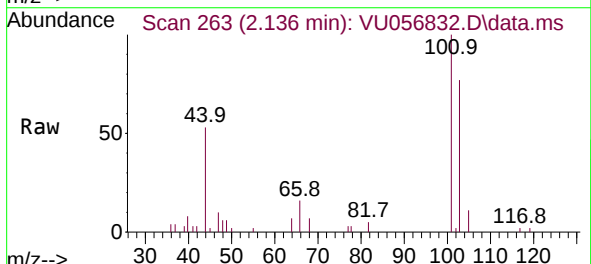
Instrument :
MSVOA_U
ClientSampleId :

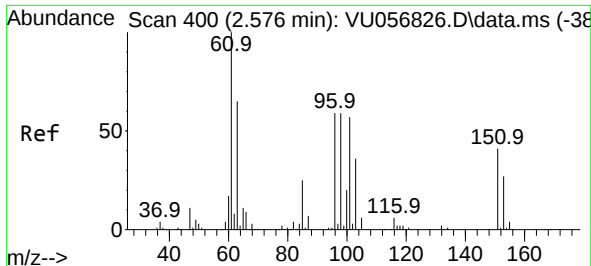
Tgt Ion: 64 Resp: 3280
Ion Ratio Lower Upper
64 100
66 38.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 0.212 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Tgt Ion:101 Resp: 7015
Ion Ratio Lower Upper
101 100
103 72.2 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.257 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU056832.D

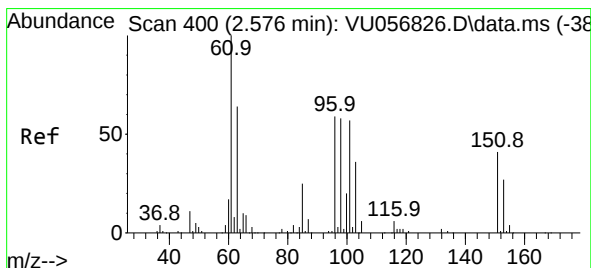
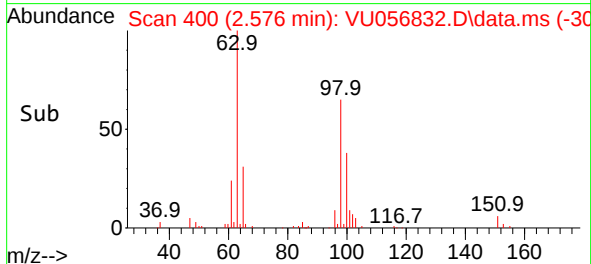
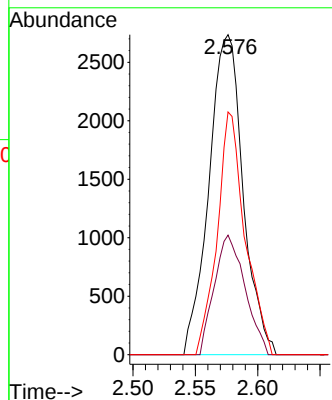
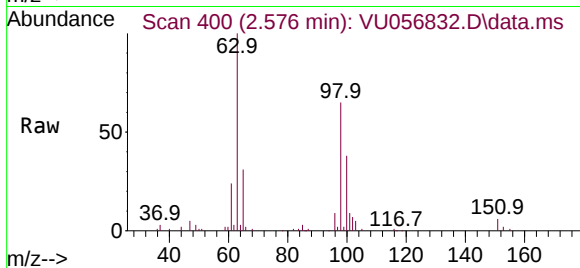
Acq: 14 Dec 2023 12:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	5219
Ion Ratio	Lower	Upper	
101	100		
85	33.5	35.2	52.8#
151	61.9	56.0	84.0



#12

1,1-Dichloroethene

Concen: 0.261 ug/L

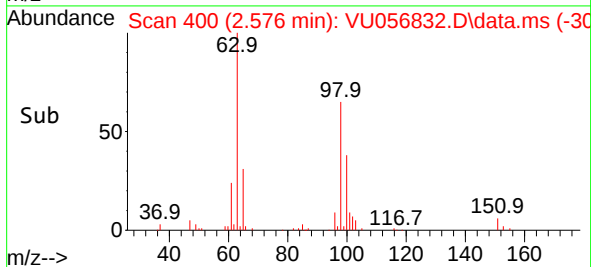
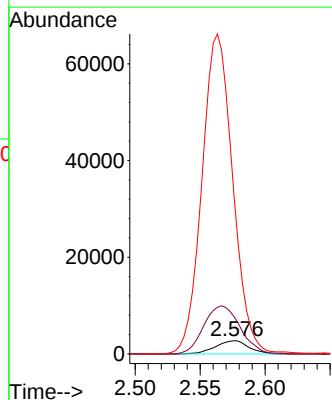
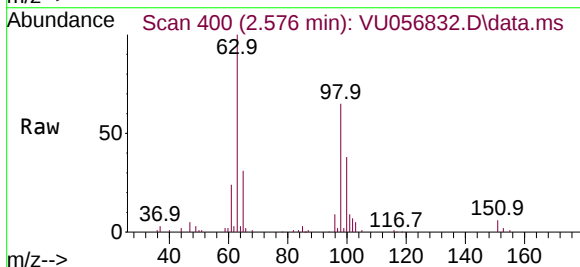
RT: 2.576 min Scan# 400

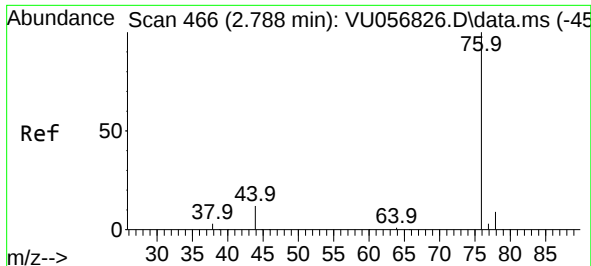
Delta R.T. -0.000 min

Lab File: VU056832.D

Acq: 14 Dec 2023 12:29

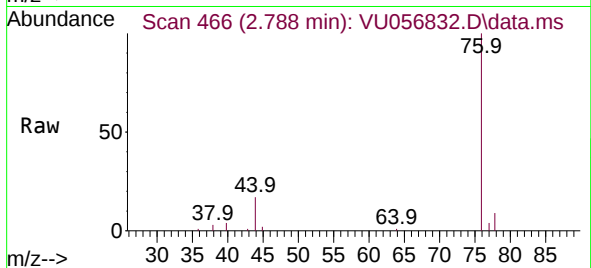
Tgt Ion:	96	Resp:	4860
Ion Ratio	Lower	Upper	
96	100		
61	280.5	119.0	221.0#
63	1168.8	88.7	164.7#



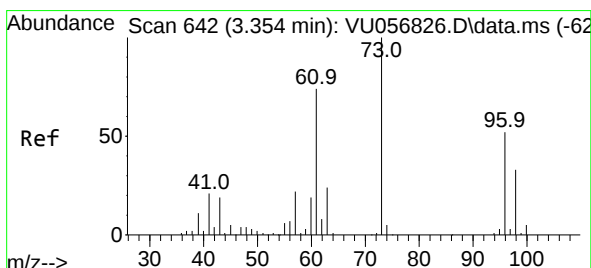
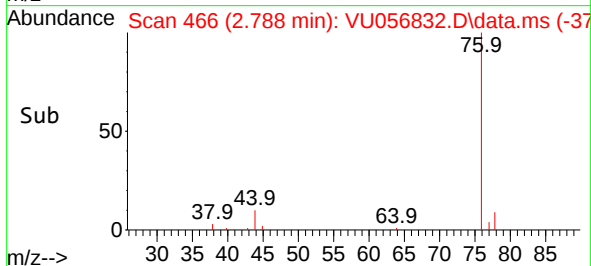
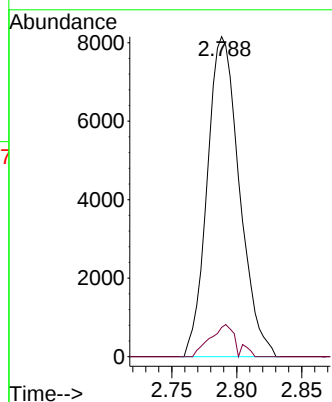


#14
Carbon disulfide
Concen: 0.217 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Instrument :
MSVOA_U
ClientSampleId :

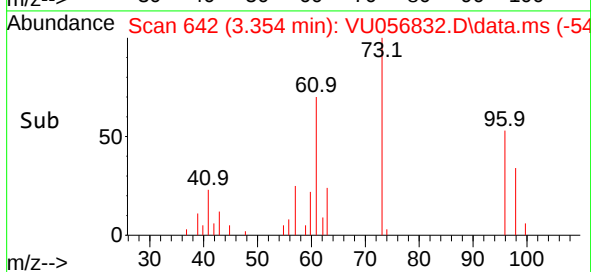
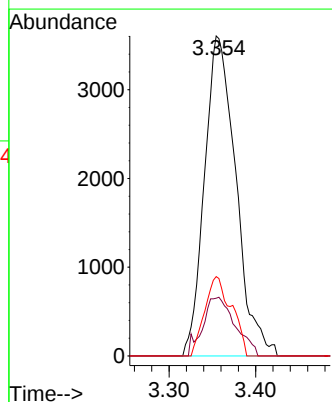
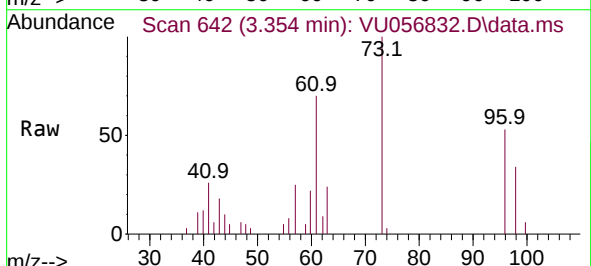


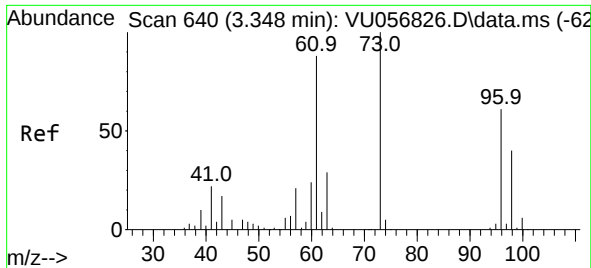
Tgt Ion: 76 Resp: 14048
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#17
Methyl tert-butyl Ether
Concen: 0.219 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

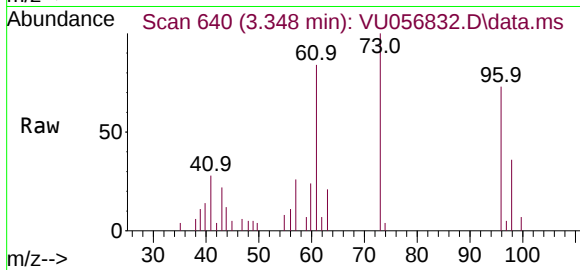
Tgt Ion: 73 Resp: 9075
Ion Ratio Lower Upper
73 100
43 18.9 14.4 21.6
57 21.2 17.8 26.8



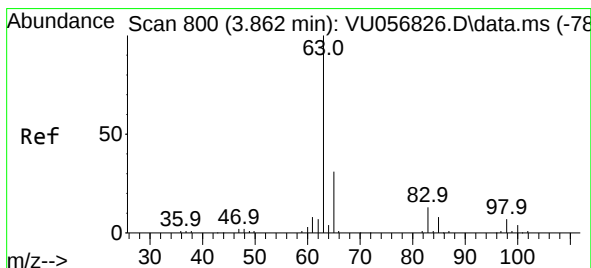
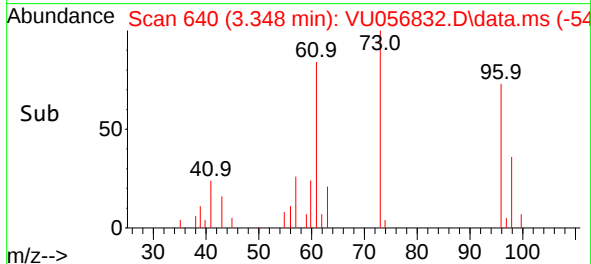
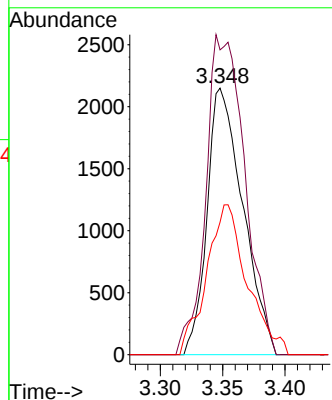


#18
trans-1,2-Dichloroethene
Concen: 0.228 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Instrument :
MSVOA_U
ClientSampleId :

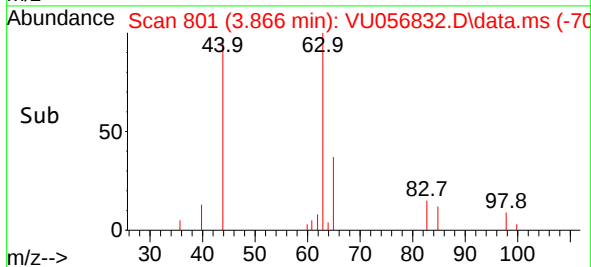
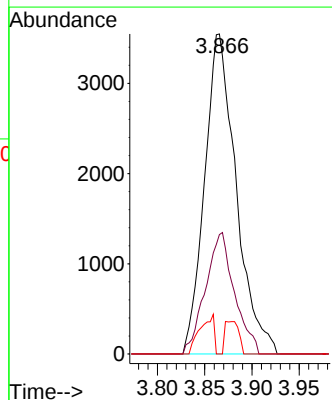
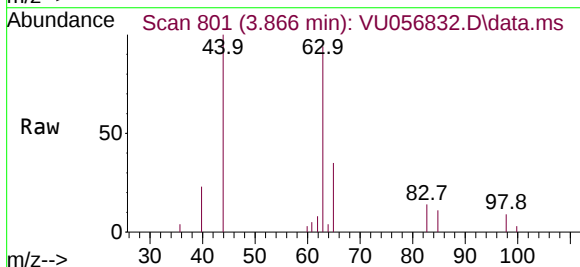


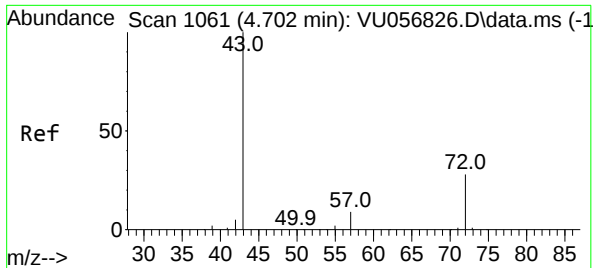
Tgt Ion:	96	Resp:	4308
Ion	Ratio	Lower	Upper
96	100		
61	114.4	101.8	189.0
98	49.7	43.0	79.8



#19
1,1-Dichloroethane
Concen: 0.226 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Tgt Ion:	63	Resp:	8229
Ion	Ratio	Lower	Upper
63	100		
65	37.3	22.9	42.5
83	0.0	10.1	18.9

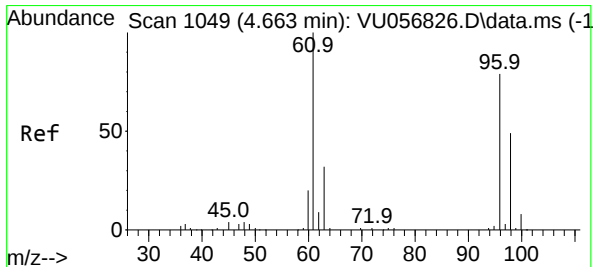
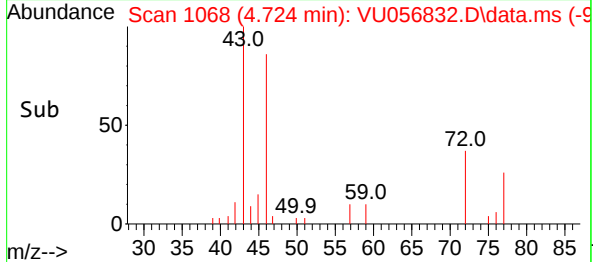
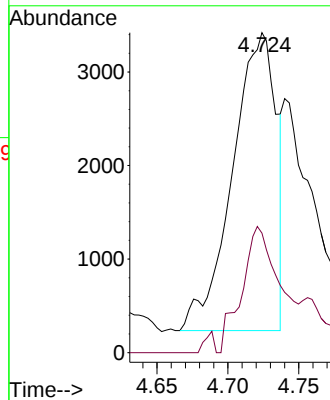
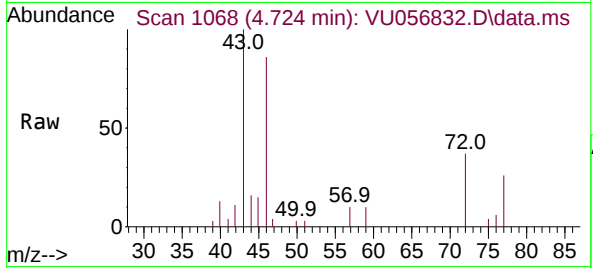




#21
2-Butanone
Concen: 1.714 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.022 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

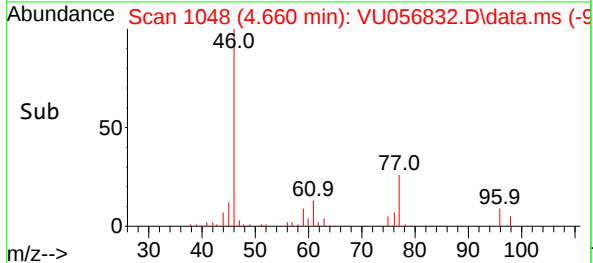
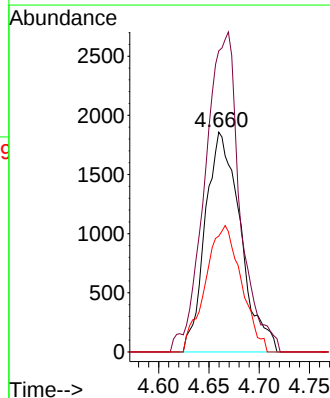
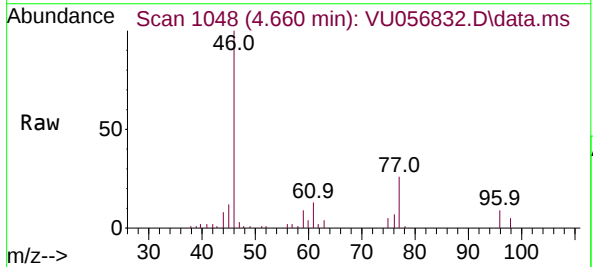
Instrument :
MSVOA_U
ClientSampleId :

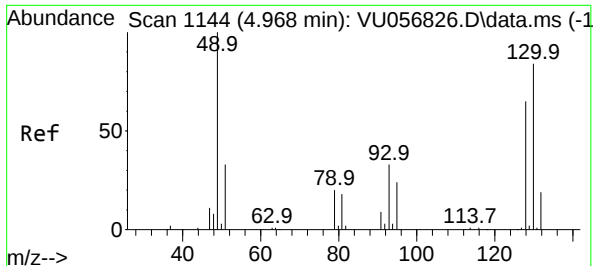
Tgt Ion: 43 Resp: 6848
Ion Ratio Lower Upper
43 100
72 37.2 14.6 43.8



#22
cis-1,2-Dichloroethene
Concen: 0.220 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

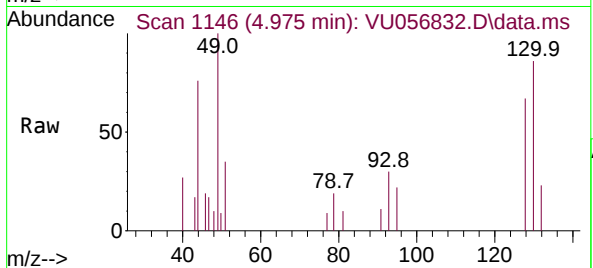
Tgt Ion: 96 Resp: 4521
Ion Ratio Lower Upper
96 100
61 137.0 91.3 169.6
98 52.7 44.2 82.0



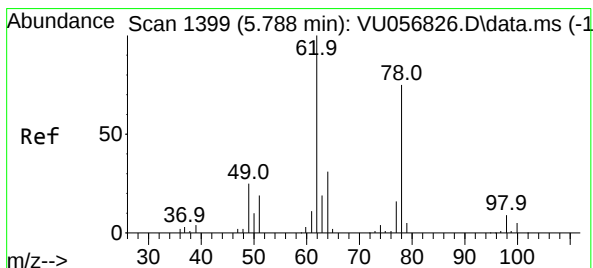
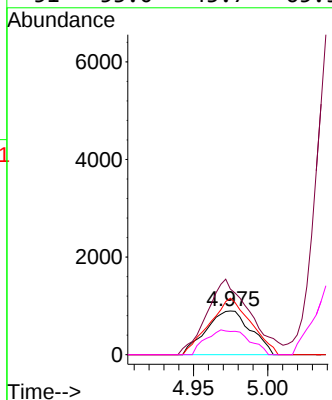
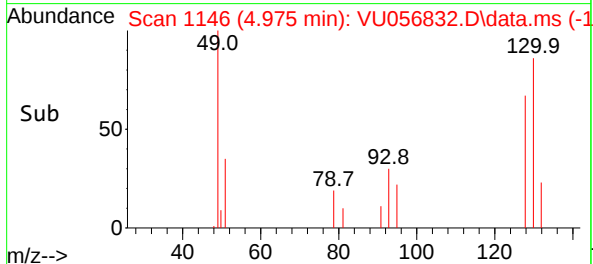


#23
Bromochloromethane
Concen: 0.217 ug/L
RT: 4.975 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Instrument :
MSVOA_U
ClientSampleId :

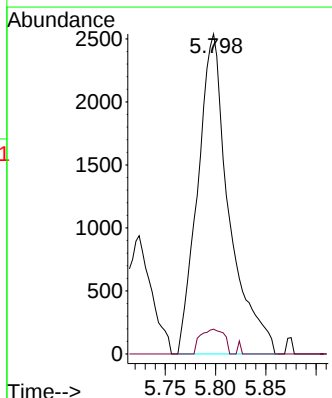
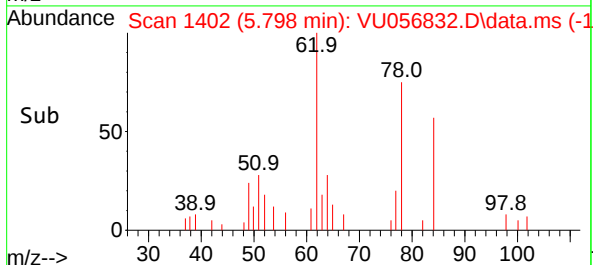
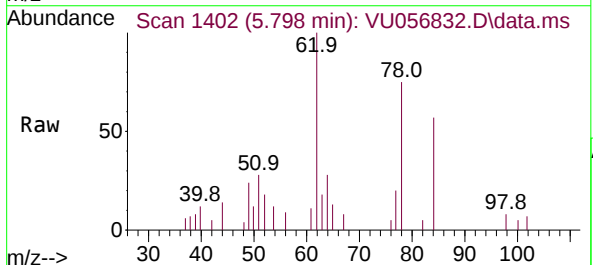


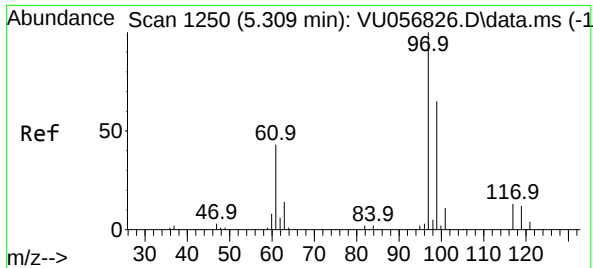
Tgt Ion:128 Resp: 1870
Ion Ratio Lower Upper
128 100
49 163.5 113.8 211.3
130 129.5 90.6 168.3
51 53.0 43.7 65.5



#27
1,2-Dichloroethane
Concen: 0.244 ug/L
RT: 5.798 min Scan# 1402
Delta R.T. 0.010 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Tgt Ion: 62 Resp: 5493
Ion Ratio Lower Upper
62 100
98 7.8 7.8 11.6#

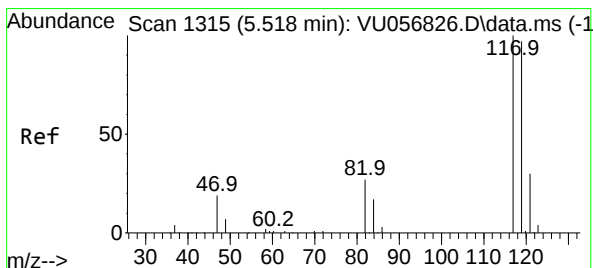
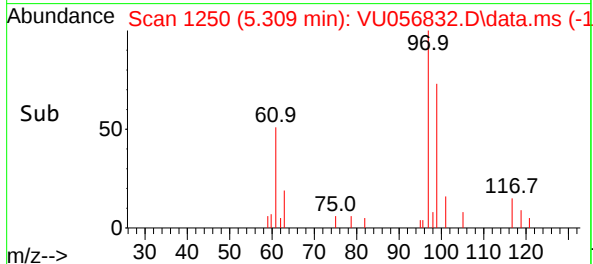
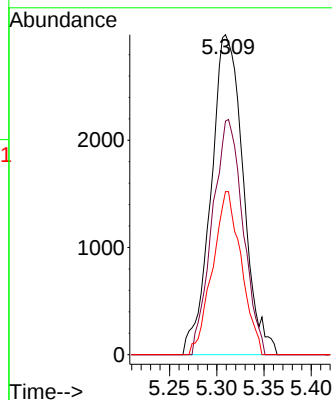
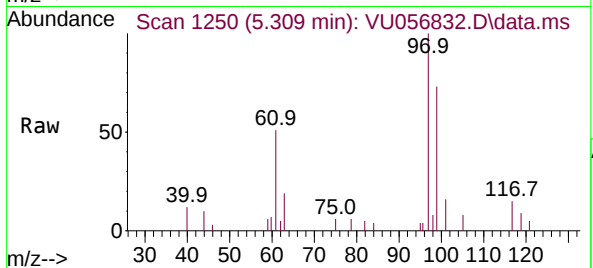




#29
1,1,1-Trichloroethane
Concen: 0.208 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

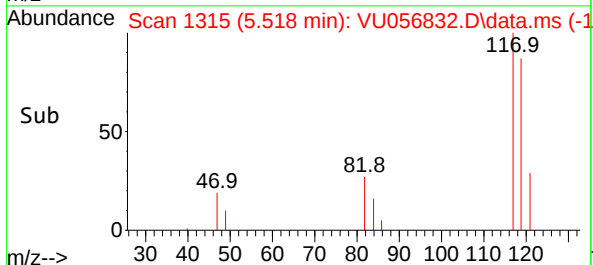
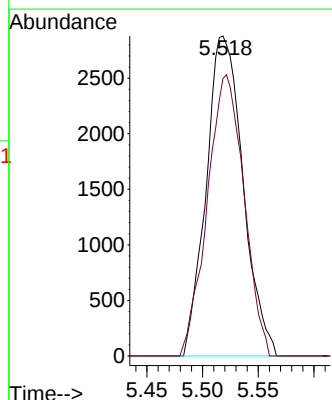
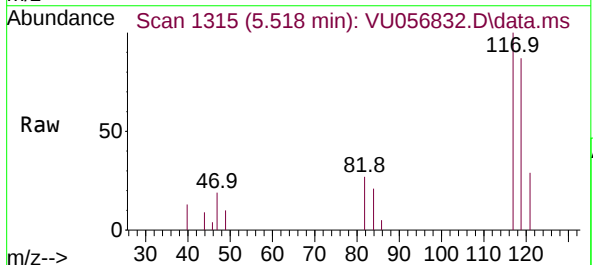
Instrument :
MSVOA_U
ClientSampleId :

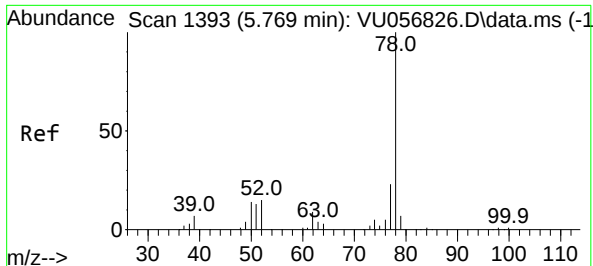
Tgt Ion: 97 Resp: 7058
Ion Ratio Lower Upper
97 100
99 70.0 52.5 78.7
61 45.6 34.2 51.2



#31
Carbon tetrachloride
Concen: 0.224 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Tgt Ion: 117 Resp: 6623
Ion Ratio Lower Upper
117 100
119 87.2 76.2 114.4

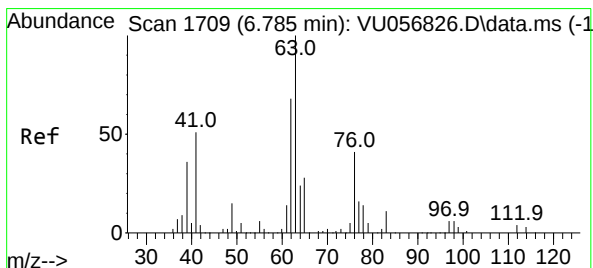
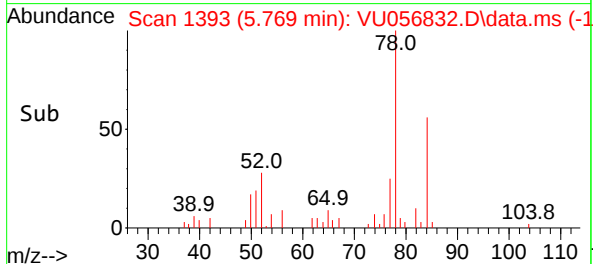
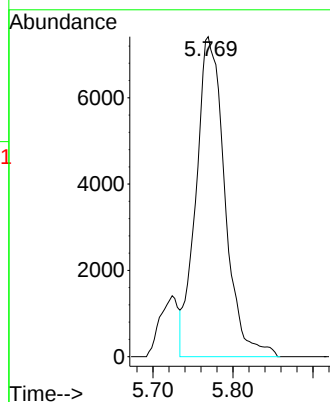
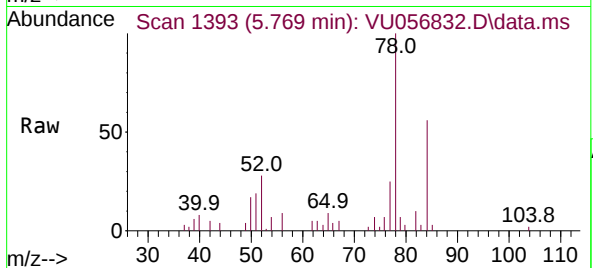




#33
Benzene
Concen: 0.225 ug/L
RT: 5.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

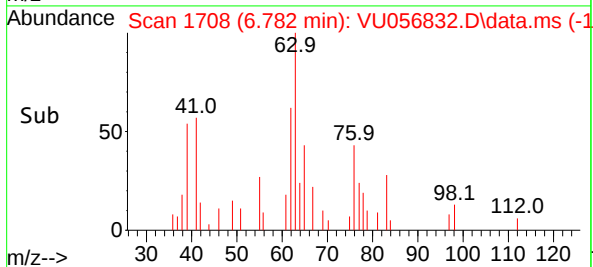
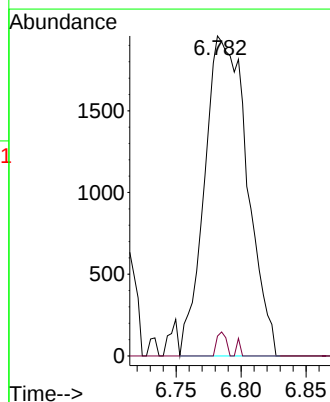
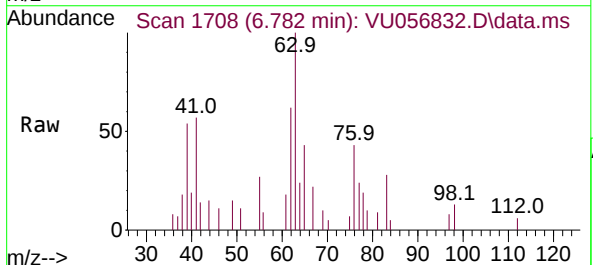
Instrument :
MSVOA_U
ClientSampleId :

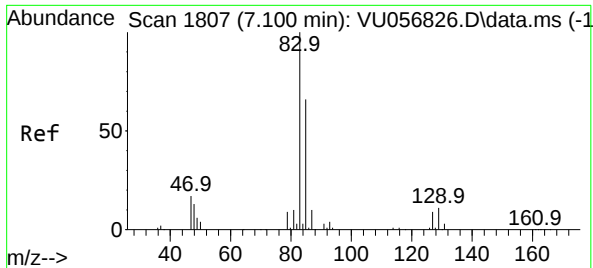
Tgt Ion: 78 Resp: 18578



#37
1,2-Dichloropropane
Concen: 0.211 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.003 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Tgt Ion: 63 Resp: 4462
Ion Ratio Lower Upper
63 100
112 1.6 3.3 4.9#





#38

Bromodichloromethane

Concen: 0.225 ug/L

RT: 7.103 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU056832.D

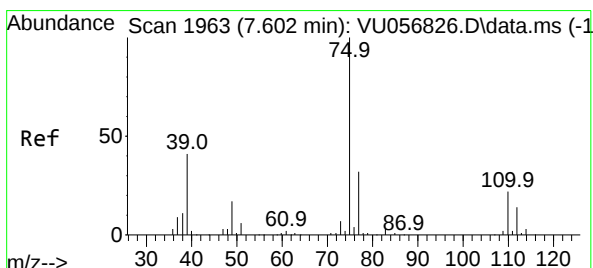
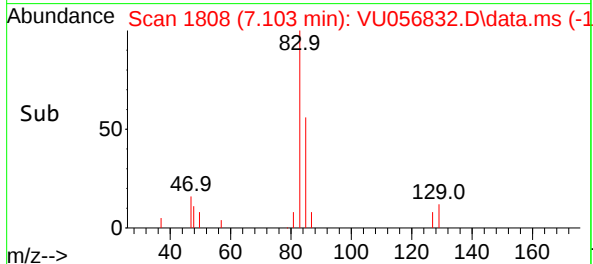
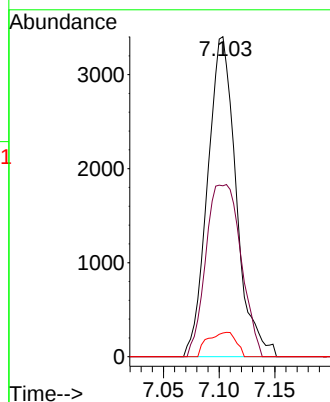
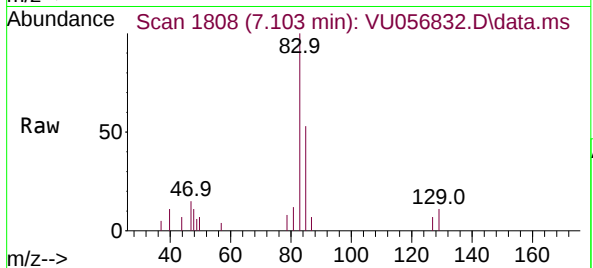
Acq: 14 Dec 2023 12:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	6066
Ion	Ratio	Lower	Upper
83	100		
85	53.4	45.0	83.6
127	7.4	7.0	10.4



#39

cis-1,3-Dichloropropene

Concen: 0.201 ug/L

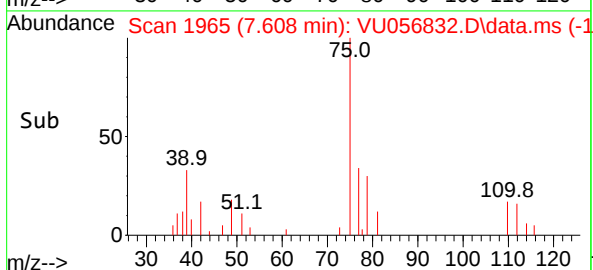
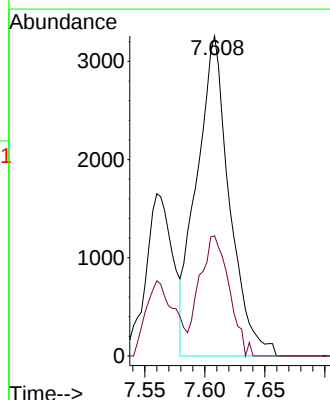
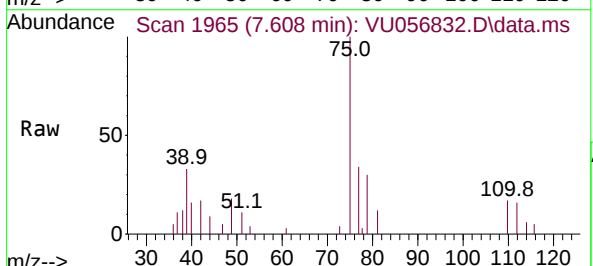
RT: 7.608 min Scan# 1965

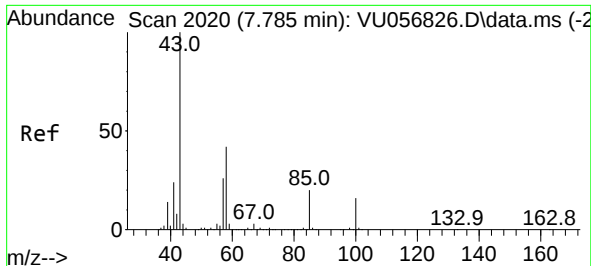
Delta R.T. 0.006 min

Lab File: VU056832.D

Acq: 14 Dec 2023 12:29

Tgt Ion:	75	Resp:	6191
Ion	Ratio	Lower	Upper
75	100		
77	37.6	22.3	41.5





#40

4-Methyl-2-pentanone

Concen: 2.127 ug/L

RT: 7.791 min Scan# 2020

Delta R.T. 0.006 min

Lab File: VU056832.D

Acq: 14 Dec 2023 12:29

Instrument :

MSVOA_U

ClientSampleId :

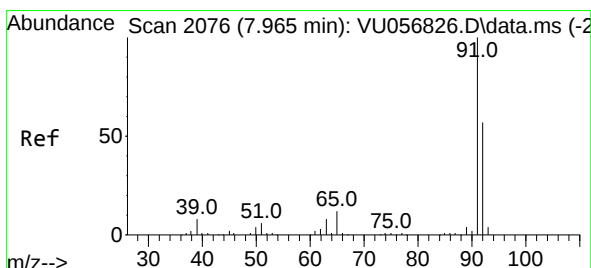
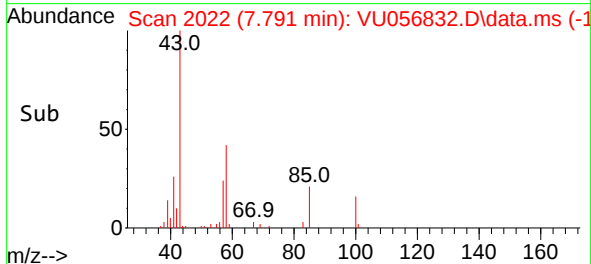
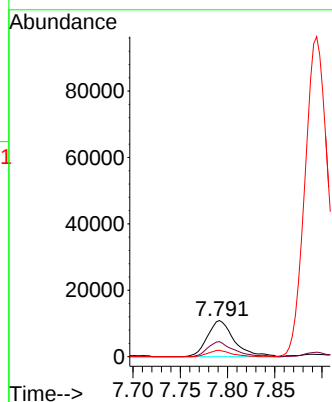
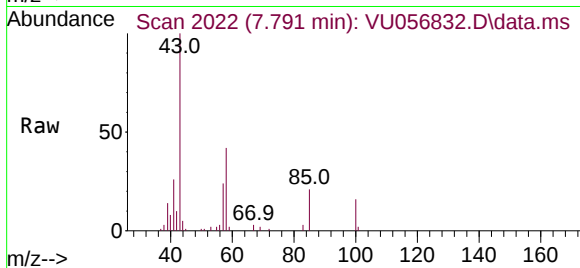
Tgt Ion: 43 Resp: 21359

Ion Ratio Lower Upper

43 100

58 38.9 33.7 50.5

100 0.0 13.0 19.4#



#42

Toluene

Concen: 0.229 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056832.D

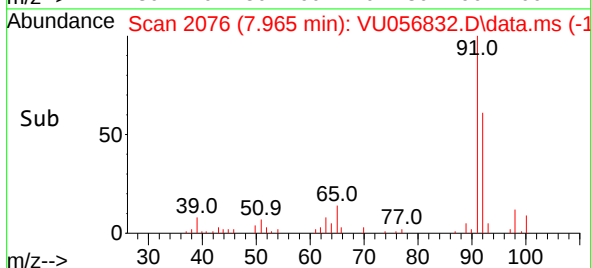
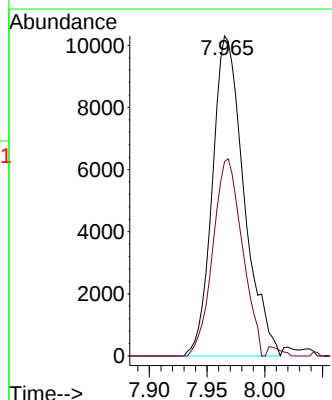
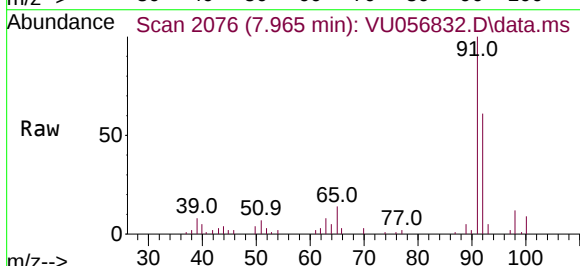
Acq: 14 Dec 2023 12:29

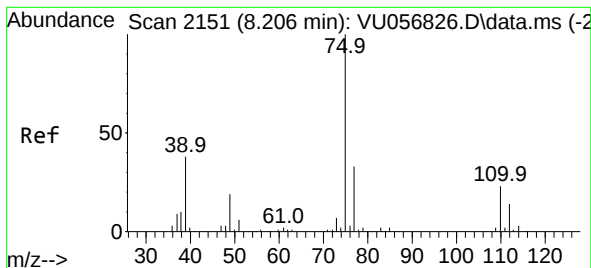
Tgt Ion: 91 Resp: 19593

Ion Ratio Lower Upper

91 100

92 60.7 40.4 75.0





#44

trans-1,3-Dichloropropene

Concen: 0.269 ug/L

RT: 8.213 min Scan# 2151

Delta R.T. 0.006 min

Lab File: VU056832.D

Acq: 14 Dec 2023 12:29

Instrument :

MSVOA_U

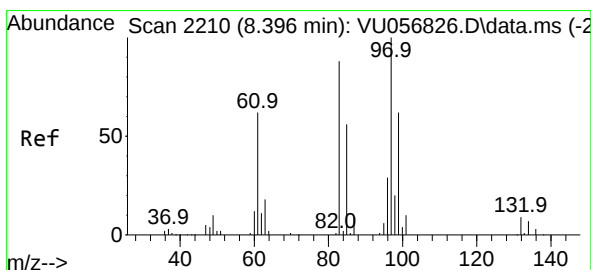
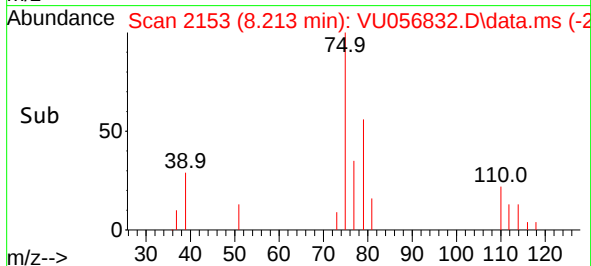
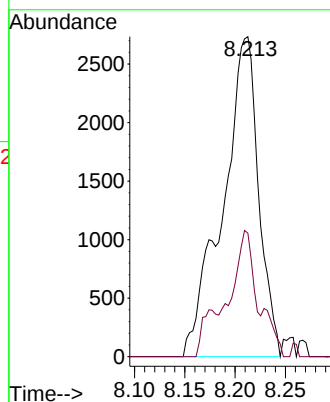
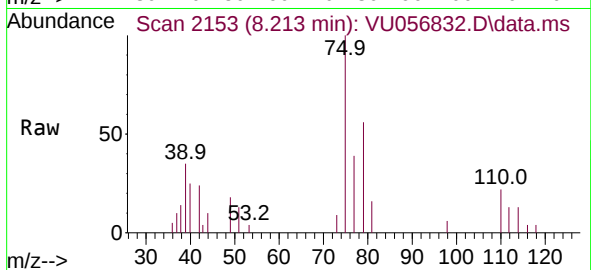
ClientSampleId :

Tgt Ion: 75 Resp: 6796

Ion Ratio Lower Upper

75 100

77 38.6 21.8 40.4



#45

1,1,2-Trichloroethane

Concen: 0.219 ug/L

RT: 8.399 min Scan# 2211

Delta R.T. 0.003 min

Lab File: VU056832.D

Acq: 14 Dec 2023 12:29

Tgt Ion: 97 Resp: 3132

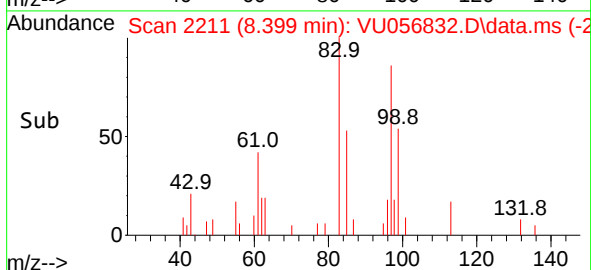
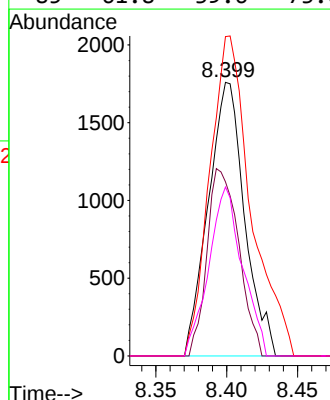
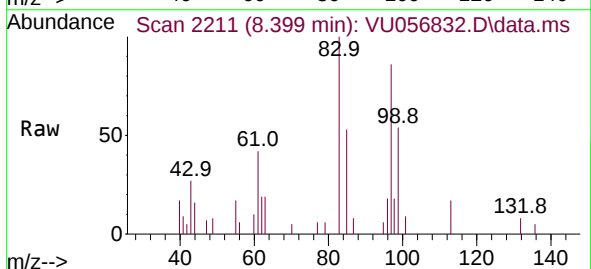
Ion Ratio Lower Upper

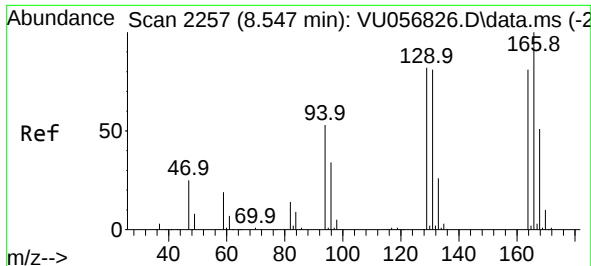
97 100

99 63.6 41.9 77.9

83 116.7 59.1 109.7#

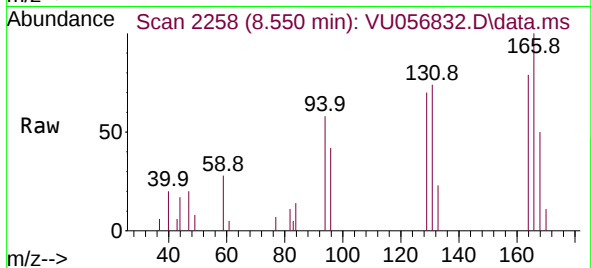
85 61.8 39.6 73.6



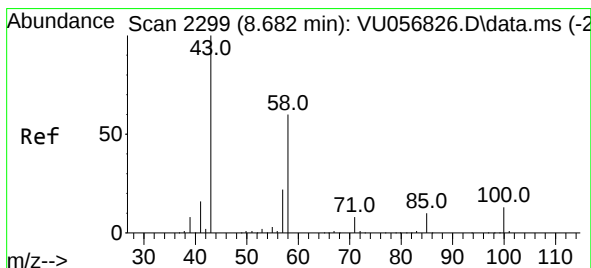
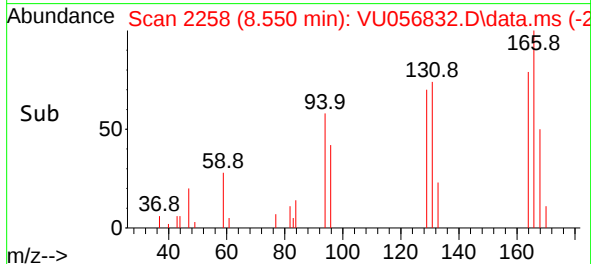
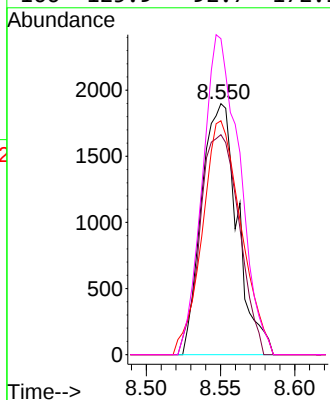


#47
Tetrachloroethene
Concen: 0.202 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Instrument :
MSVOA_U
ClientSampleId :

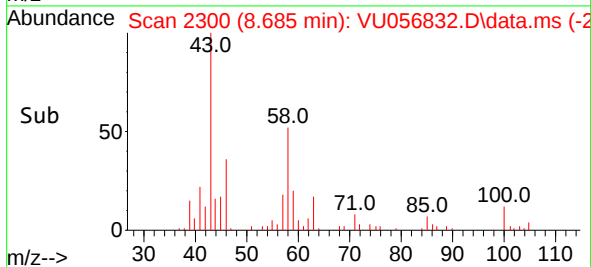
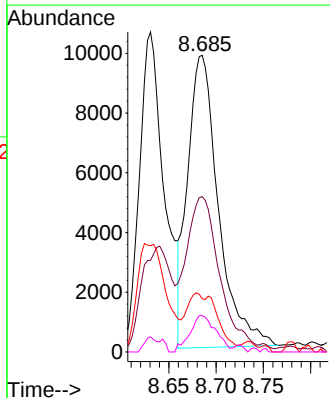
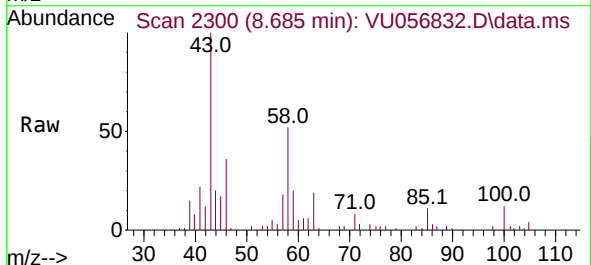


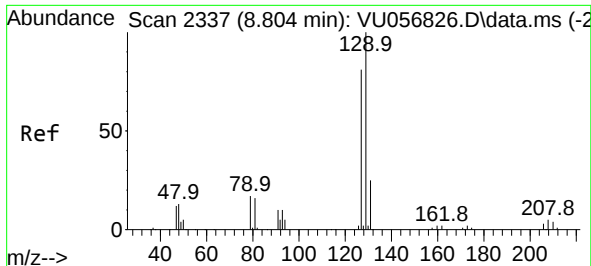
Tgt Ion:164 Resp: 3201
Ion Ratio Lower Upper
164 100
129 87.7 73.4 136.4
131 93.2 71.5 132.9
166 125.9 92.7 172.1



#48
2-Hexanone
Concen: 3.103 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Tgt Ion: 43 Resp: 22186
Ion Ratio Lower Upper
43 100
58 55.5 47.5 71.3
57 20.3 17.0 25.4
100 10.6 9.8 14.8





#49

Dibromochloromethane

Concen: 0.198 ug/L

RT: 8.801 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU056832.D

Acq: 14 Dec 2023 12:29

Instrument :

MSVOA_U

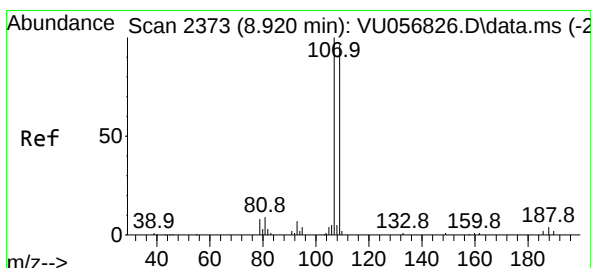
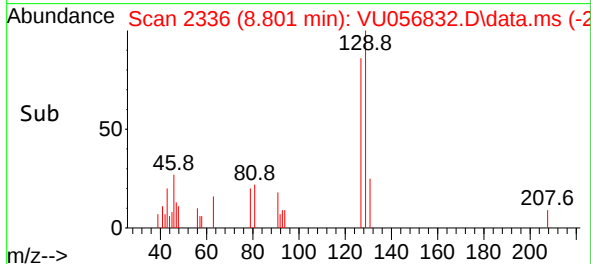
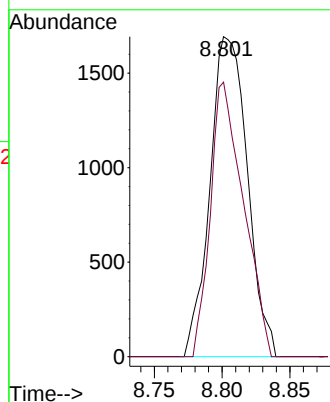
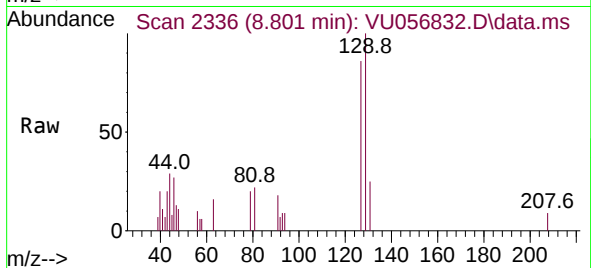
ClientSampleId :

Tgt Ion:129 Resp: 3251

Ion Ratio Lower Upper

129 100

127 85.8 53.9 100.1



#50

1,2-Dibromoethane

Concen: 0.228 ug/L

RT: 8.923 min Scan# 2374

Delta R.T. 0.003 min

Lab File: VU056832.D

Acq: 14 Dec 2023 12:29

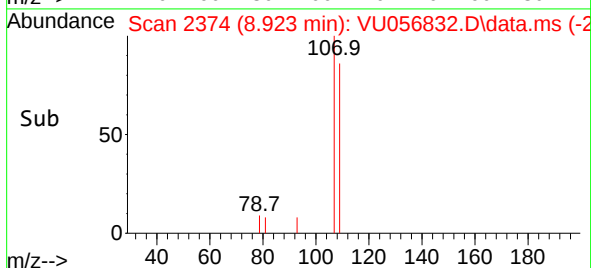
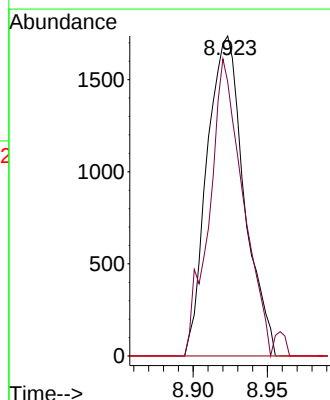
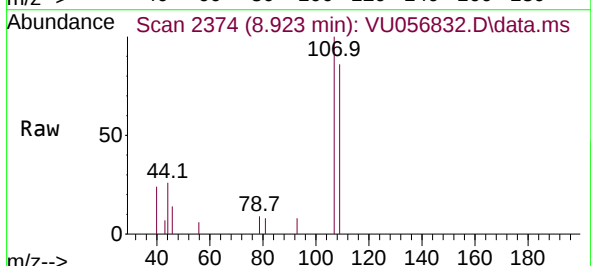
Tgt Ion:107 Resp: 3019

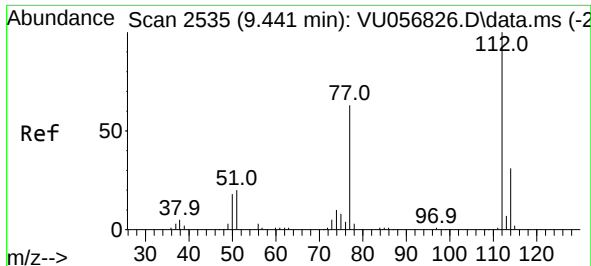
Ion Ratio Lower Upper

107 100

109 85.6 66.5 123.5

188 0.0 2.9 4.3#

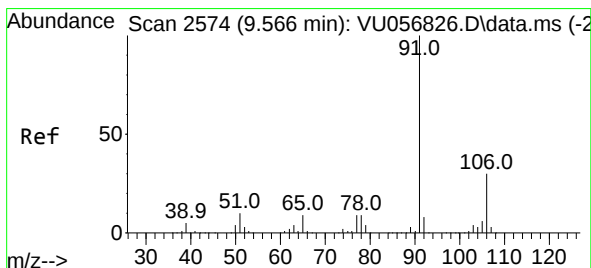
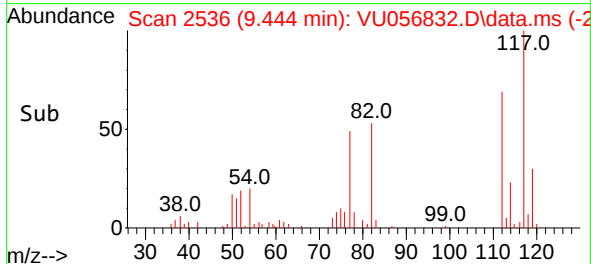
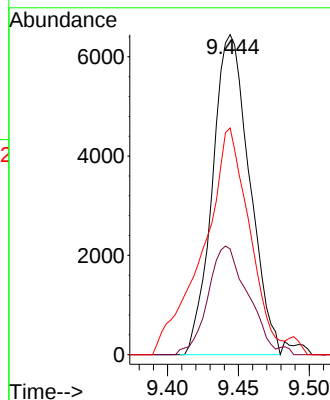
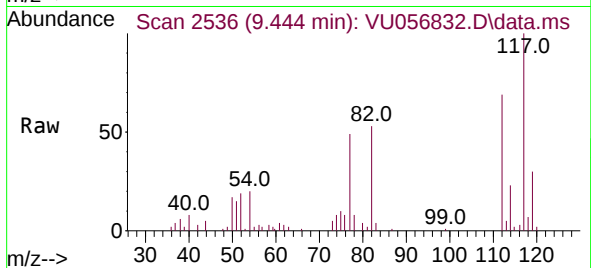




#51
Chlorobenzene
Concen: 0.215 ug/L
RT: 9.444 min Scan# 21741
Delta R.T. 0.003 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

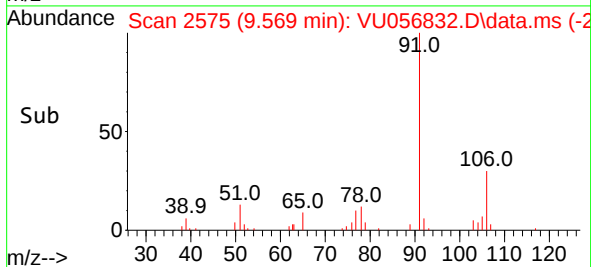
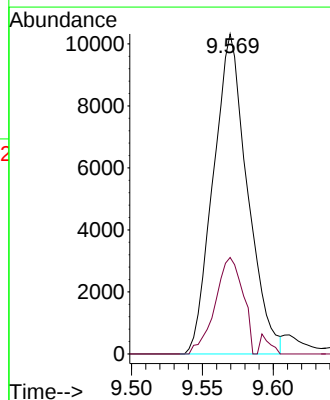
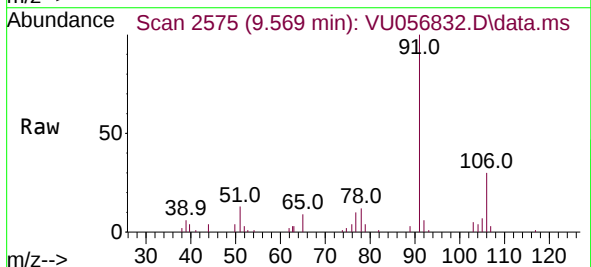
Instrument :
MSVOA_U
ClientSampleId :

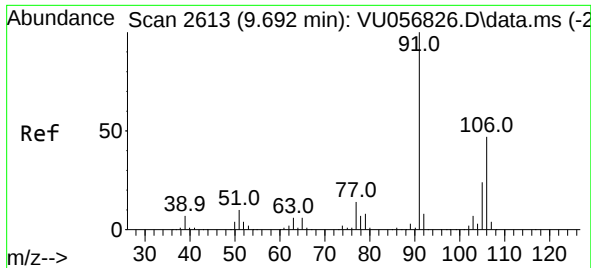
Tgt Ion:	112	Resp:	11741
Ion	Ratio	Lower	Upper
112	100		
114	33.0	21.9	40.7
77	70.8	51.6	77.4



#52
Ethylbenzene
Concen: 0.183 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.003 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Tgt Ion:	91	Resp:	17254
Ion	Ratio	Lower	Upper
91	100		
106	30.2	20.6	38.4

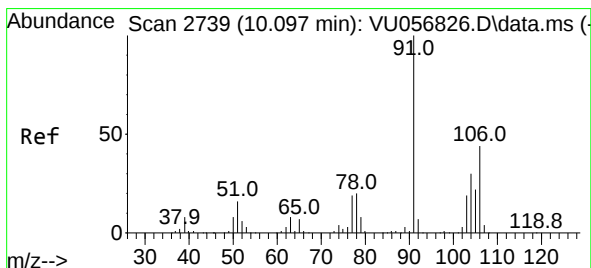
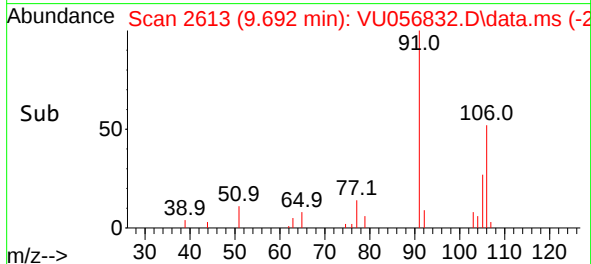
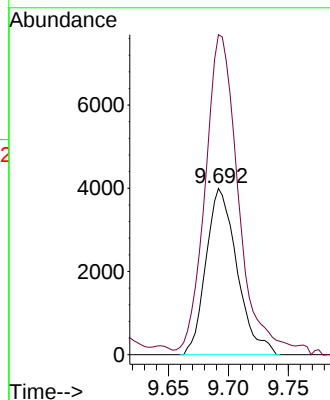
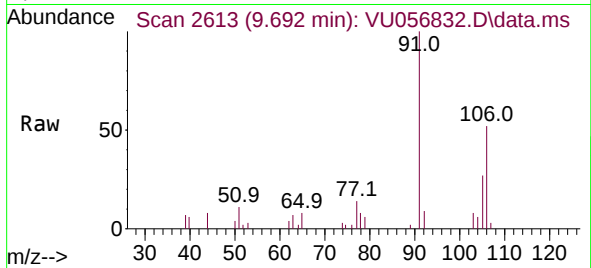




#53
m,p-Xylene
Concen: 0.205 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

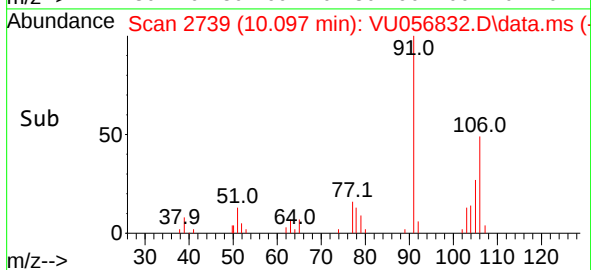
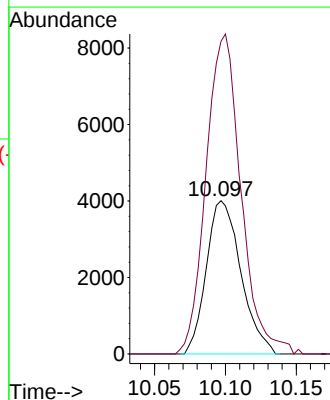
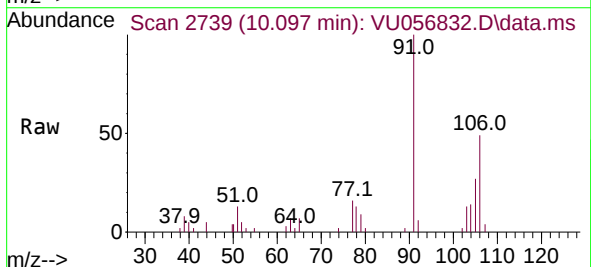
Instrument :
MSVOA_U
ClientSampleId :

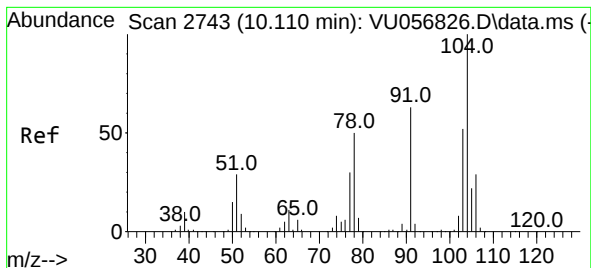
Tgt Ion:106 Resp: 7189
Ion Ratio Lower Upper
106 100
91 192.5 154.0 286.0



#54
o-Xylene
Concen: 0.203 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Tgt Ion:106 Resp: 6807
Ion Ratio Lower Upper
106 100
91 203.9 160.2 297.6





#55

Styrene

Concen: 0.165 ug/L

RT: 10.113 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056832.D

Acq: 14 Dec 2023 12:29

Instrument :

MSVOA_U

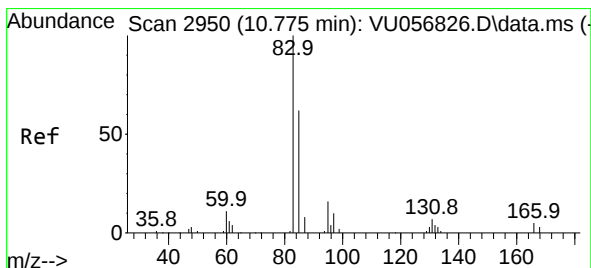
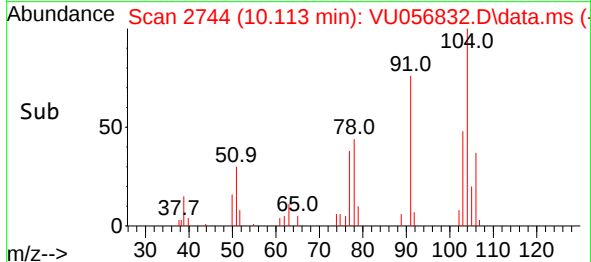
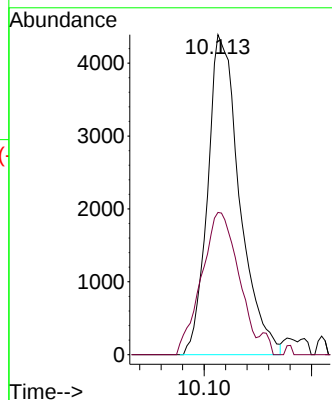
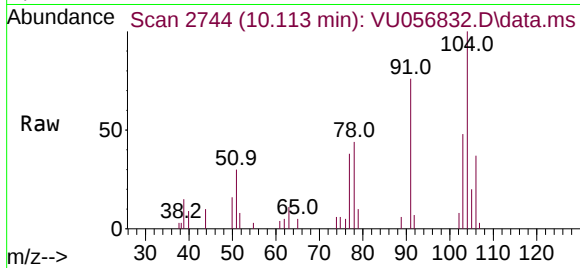
ClientSampleId :

Tgt Ion:104 Resp: 9070

Ion Ratio Lower Upper

104 100

78 44.5 35.6 66.2



#57

1,1,2,2-Tetrachloroethane

Concen: 0.219 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU056832.D

Acq: 14 Dec 2023 12:29

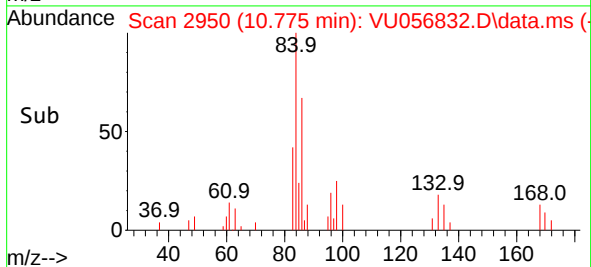
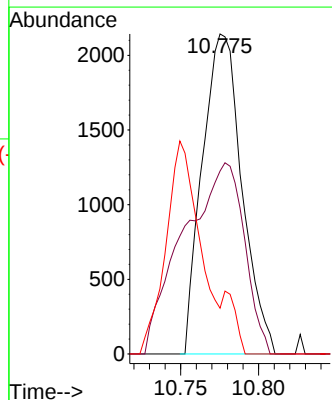
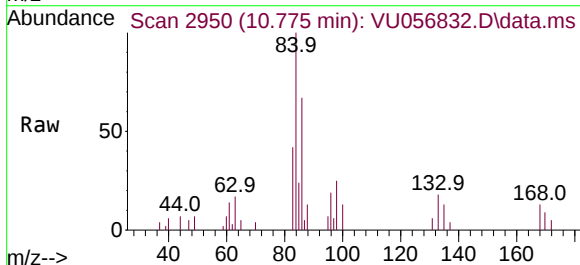
Tgt Ion: 83 Resp: 3777

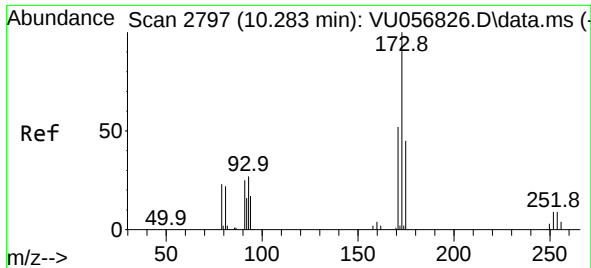
Ion Ratio Lower Upper

83 100

85 57.2 45.4 84.4

131 14.3 6.6 9.8#

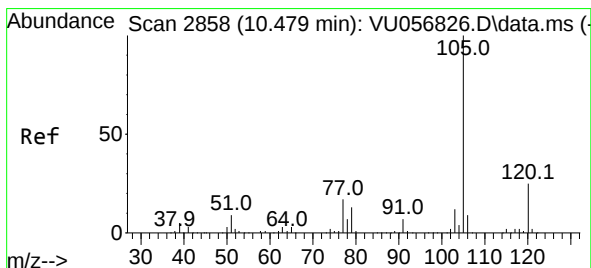
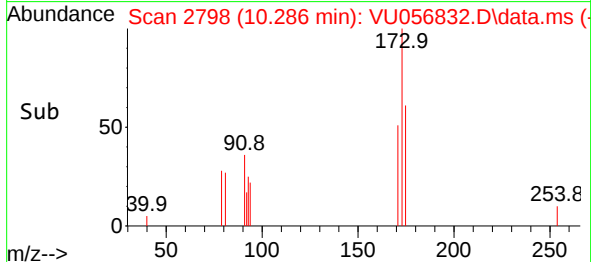
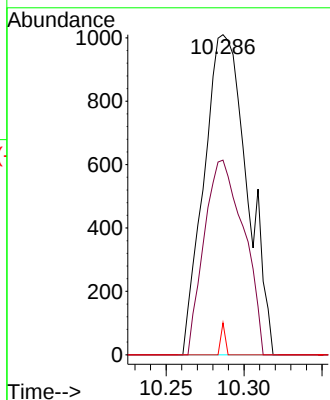
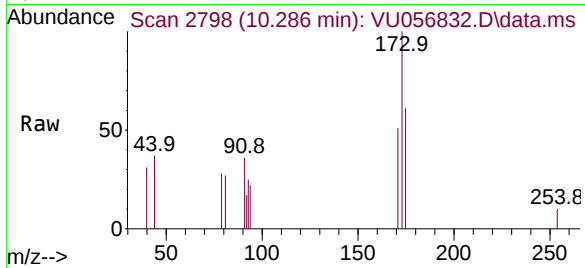




#59
Bromoform
Concen: 0.241 ug/L
RT: 10.286 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

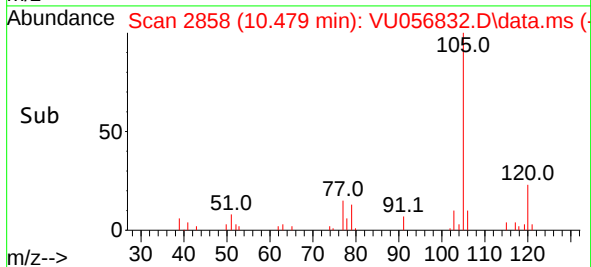
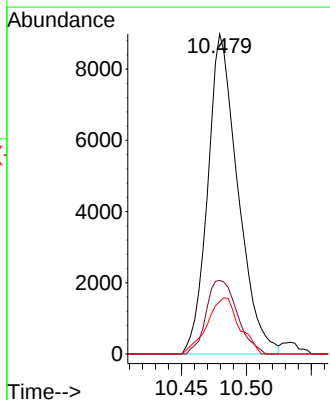
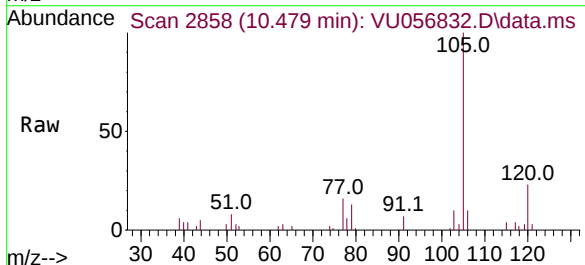
Instrument :
MSVOA_U
ClientSampleId :

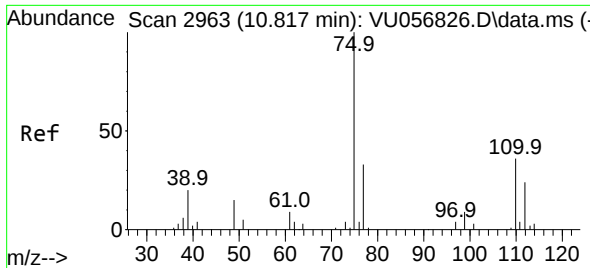
Tgt Ion:173 Resp: 1938
Ion Ratio Lower Upper
173 100
175 55.9 38.2 57.2
254 1.0 7.0 10.4#



#60
Isopropylbenzene
Concen: 0.187 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Tgt Ion:105 Resp: 14502
Ion Ratio Lower Upper
105 100
120 23.6 20.1 30.1
77 18.6 13.2 19.8

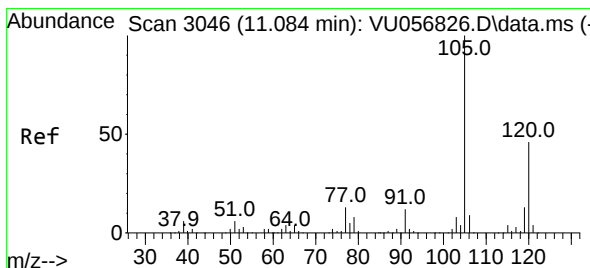
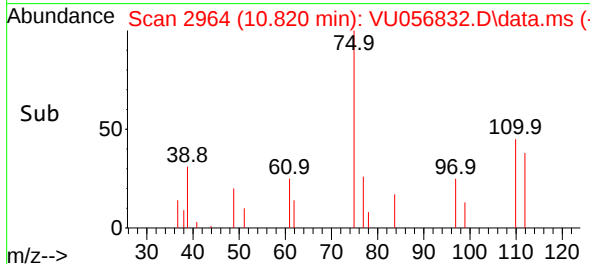
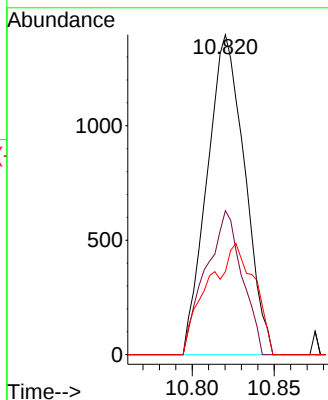
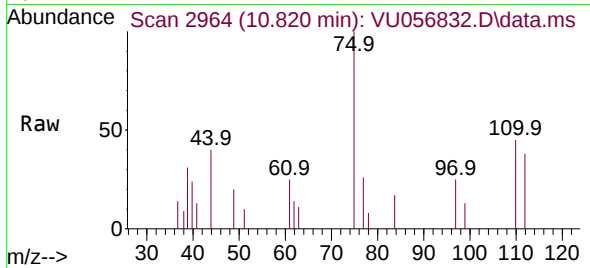




#61
 1,2,3-Trichloropropane
 Concen: 0.210 ug/L
 RT: 10.820 min Scan# 2964
 Delta R.T. 0.003 min
 Lab File: VU056832.D
 Acq: 14 Dec 2023 12:29

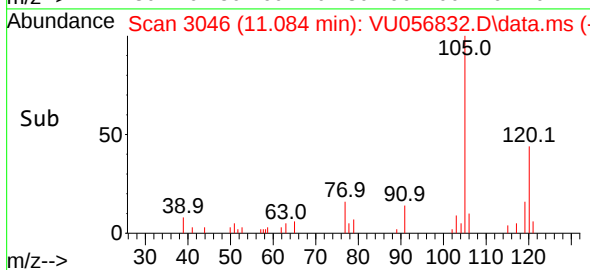
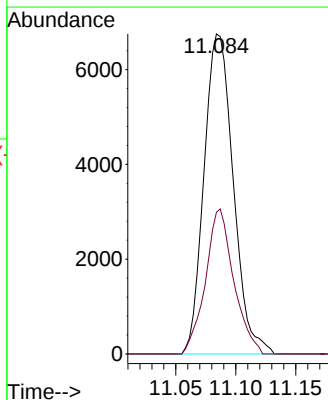
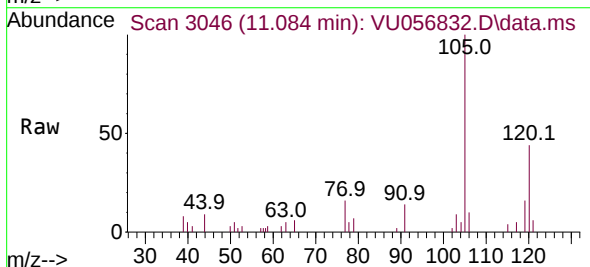
Instrument :
 MSVOA_U
 ClientSampleId :

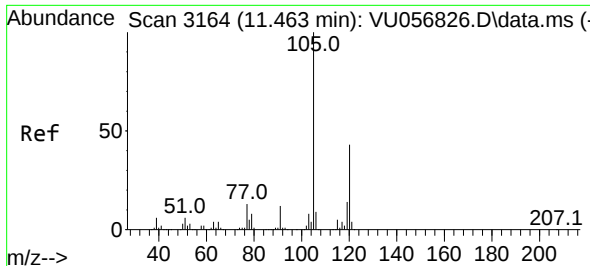
Tgt Ion: 75 Resp: 2218
 Ion Ratio Lower Upper
 75 100
 110 43.6 28.4 42.6#
 77 43.0 26.3 39.5#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.180 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU056832.D
 Acq: 14 Dec 2023 12:29

Tgt Ion: 105 Resp: 11449
 Ion Ratio Lower Upper
 105 100
 120 43.7 36.8 55.2

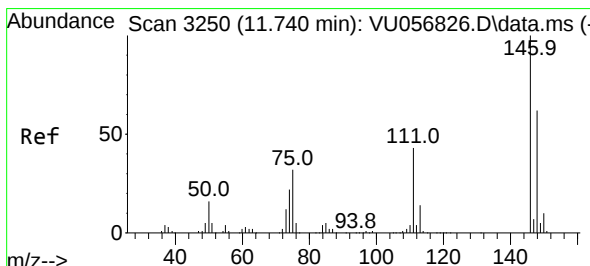
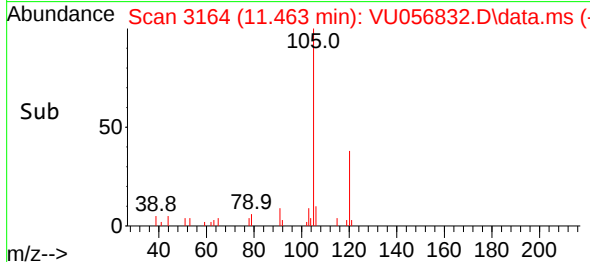
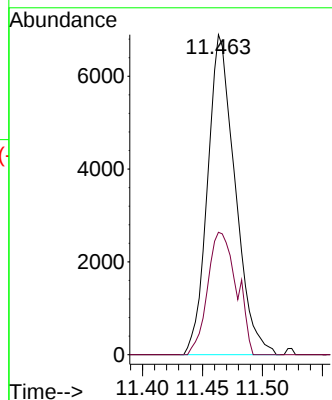
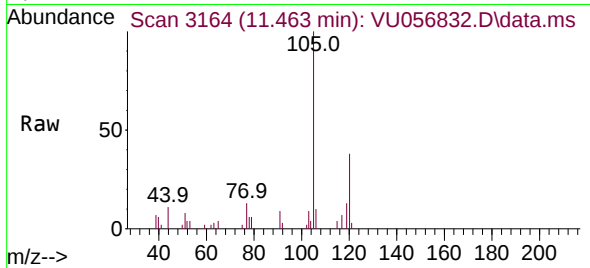




#63
1,2,4-Trimethylbenzene
Concen: 0.174 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

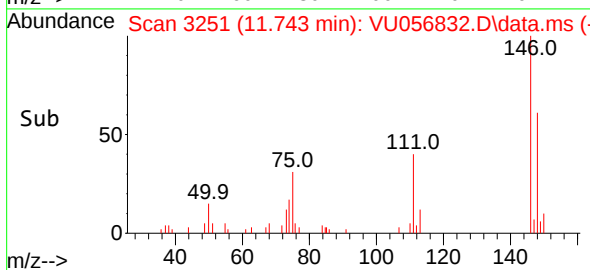
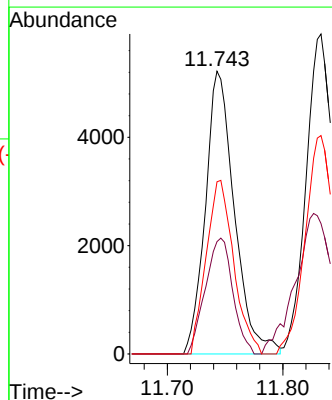
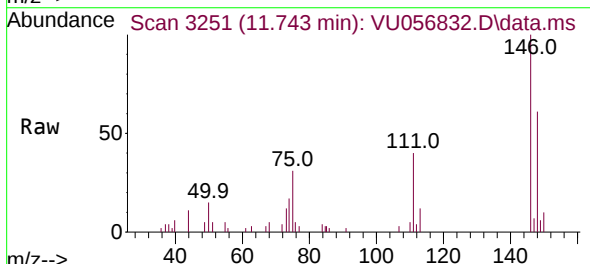
Instrument :
MSVOA_U
ClientSampleId :

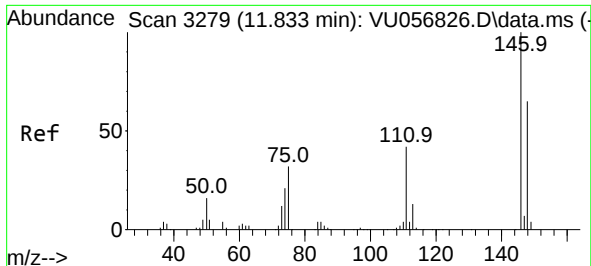
Tgt Ion:105 Resp: 10983
Ion Ratio Lower Upper
105 100
120 40.2 34.2 51.4



#64
1,3-Dichlorobenzene
Concen: 0.248 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU056832.D
Acq: 14 Dec 2023 12:29

Tgt Ion:146 Resp: 9103
Ion Ratio Lower Upper
146 100
111 39.7 31.7 58.9
148 60.9 44.3 82.3

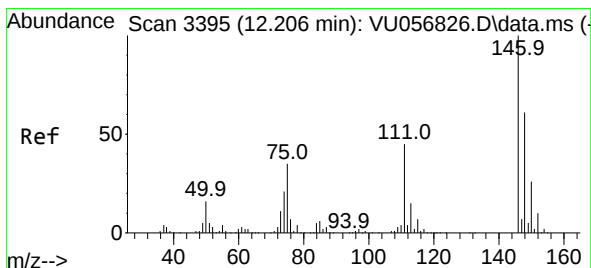
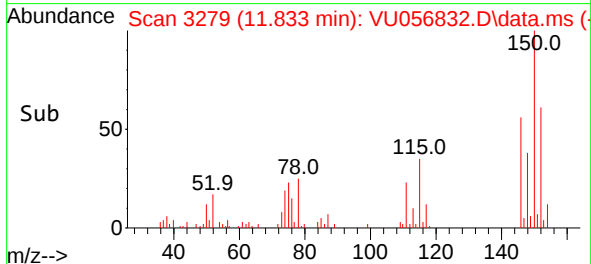
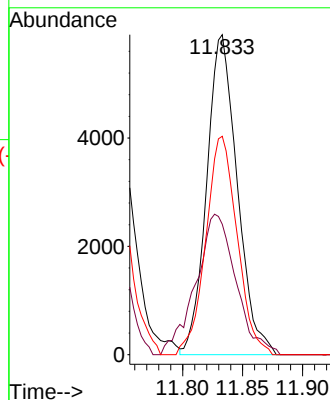
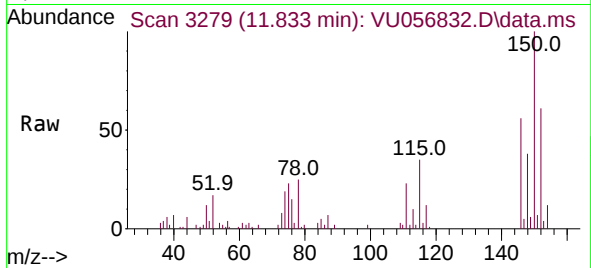




#65
 1,4-Dichlorobenzene
 Concen: 0.290 ug/L
 RT: 11.833 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056832.D
 Acq: 14 Dec 2023 12:29

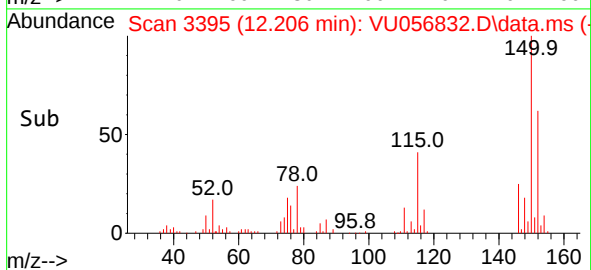
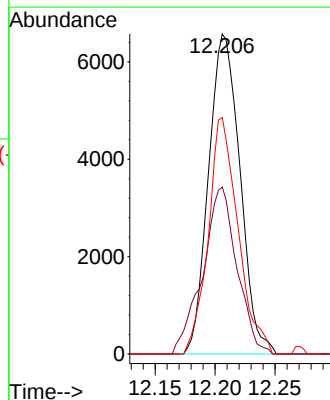
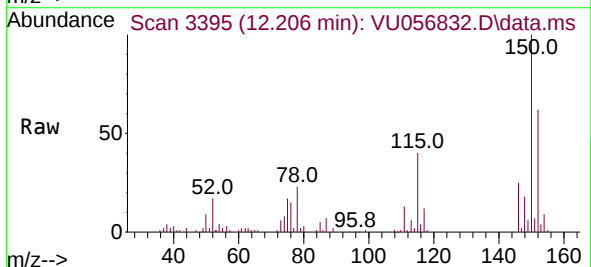
Instrument :
 MSVOA_U
 ClientSampleId :

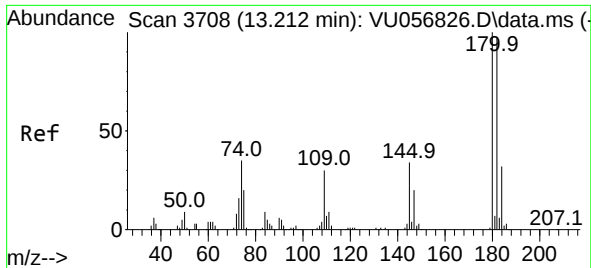
Tgt Ion:146 Resp: 10475
 Ion Ratio Lower Upper
 146 100
 111 40.8 31.2 58.0
 148 68.2 45.6 84.8



#67
 1,2-Dichlorobenzene
 Concen: 0.358 ug/L
 RT: 12.206 min Scan# 3395
 Delta R.T. -0.000 min
 Lab File: VU056832.D
 Acq: 14 Dec 2023 12:29

Tgt Ion:146 Resp: 11977
 Ion Ratio Lower Upper
 146 100
 111 52.1 36.9 55.3
 148 73.9 53.0 79.4





#69

1,3,5-Trichlorobenzene

Concen: 0.191 ug/L

RT: 13.222 min Scan# 31

Delta R.T. 0.010 min

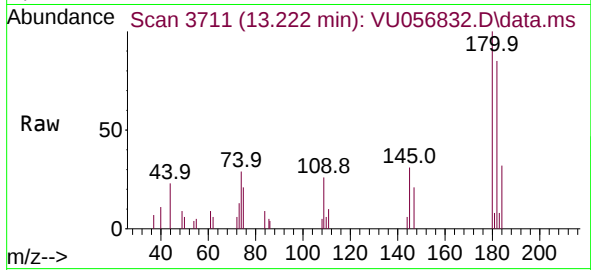
Lab File: VU056832.D

Acq: 14 Dec 2023 12:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 5290

Ion Ratio Lower Upper

180 100

182 88.6 76.2 114.4

184 28.5 24.6 37.0

145 28.1 26.7 40.1

