

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056920.D
 Acq On : 16 Dec 2023 12:26
 Operator : MD/SY
 Sample : MDL03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 23:45:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	197748	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	207675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	79674	4.700	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.908	69	65656	5.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.560	65	35118	4.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	4.621	46	194557	58.121	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.240%
24) Chloroform-d	5.055	84	171945	5.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	5.695	65	84207	5.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.721	84	319580	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.685	67	104702	5.193	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.894	98	258917	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.174	79	37311	4.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.627	63	145617	49.380	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	77012	5.279	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	93051	5.373	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	5476	0.264	ug/L	96
3) Chloromethane	1.515	50	9263	0.455	ug/L	91
5) Vinyl chloride	1.599	62	5893	0.291	ug/L #	65
6) Bromomethane	1.853	94	3553	0.298	ug/L	76
8) Chloroethane	1.930	64	4214	0.356	ug/L	95
9) Trichlorofluoromethane	2.133	101	7961	0.279	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	6136	0.351	ug/L	86
12) 1,1-Dichloroethene	2.573	96	5134	0.320	ug/L #	1
14) Carbon disulfide	2.792	76	14384	0.258	ug/L	99
16) Methylene chloride	3.039	84	6259	0.358	ug/L	92
17) Methyl tert-butyl Ether	3.361	73	9326	0.262	ug/L #	95
18) trans-1,2-Dichloroethene	3.354	96	4366	0.268	ug/L	81
19) 1,1-Dichloroethane	3.859	63	8630	0.276	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	4730	0.267	ug/L	93
23) Bromochloromethane	4.968	128	2195	0.296	ug/L	81
27) 1,2-Dichloroethane	5.795	62	5288	0.273	ug/L	96
29) 1,1,1-Trichloroethane	5.313	97	7932	0.264	ug/L	94
30) Cyclohexane	5.383	56	6416	0.228	ug/L	91
31) Carbon tetrachloride	5.518	117	6817	0.261	ug/L	95

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

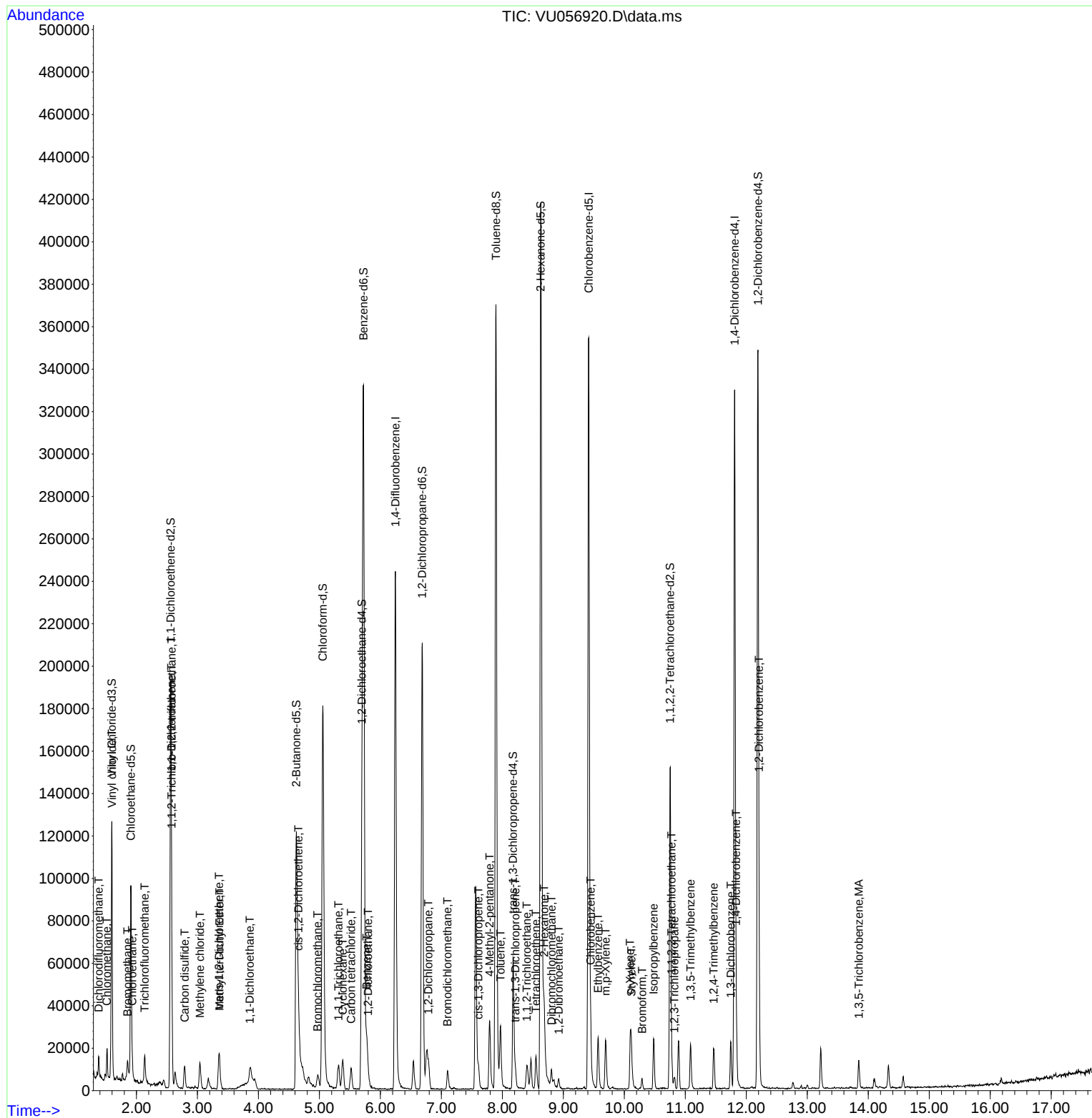
33) Benzene	5.772	78	18618	0.255	ug/L	100
37) 1,2-Dichloropropane	6.785	63	4797	0.257	ug/L #	93
38) Bromodichloromethane	7.100	83	6151	0.258	ug/L	94
39) cis-1,3-Dichloropropene	7.605	75	6165	0.227	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	22878	2.581	ug/L #	87
42) Toluene	7.968	91	21146	0.280	ug/L	97
44) trans-1,3-Dichloropropene	8.213	75	5452	0.244	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	3307	0.262	ug/L	94
47) Tetrachloroethene	8.547	164	3355	0.239	ug/L	93
48) 2-Hexanone	8.685	43	20339	3.221	ug/L	96
49) Dibromochloromethane	8.804	129	3797	0.262	ug/L	96
50) 1,2-Dibromoethane	8.923	107	3175	0.271	ug/L #	89
51) Chlorobenzene	9.447	112	12473	0.259	ug/L	97
52) Ethylbenzene	9.570	91	18097	0.217	ug/L	95
53) m,p-Xylene	9.692	106	6804	0.219	ug/L	90
54) o-Xylene	10.094	106	6628	0.224	ug/L	88
55) Styrene	10.116	104	9109	0.188	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.772	83	4098	0.269	ug/L #	84
59) Bromoform	10.290	173	1862	0.259	ug/L #	86
60) Isopropylbenzene	10.480	105	15588	0.224	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	2568	0.271	ug/L	96
62) 1,3,5-Trimethylbenzene	11.087	105	12026	0.211	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	10999	0.195	ug/L	94
64) 1,3-Dichlorobenzene	11.746	146	9313	0.283	ug/L	90
65) 1,4-Dichlorobenzene	11.833	146	9057	0.279	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	9108	0.304	ug/L	94
69) 1,3,5-Trichlorobenzene	13.846	180	4571	0.184	ug/L	94

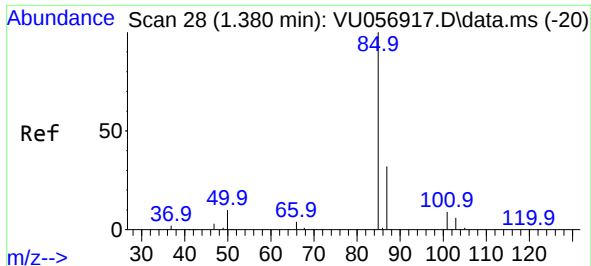
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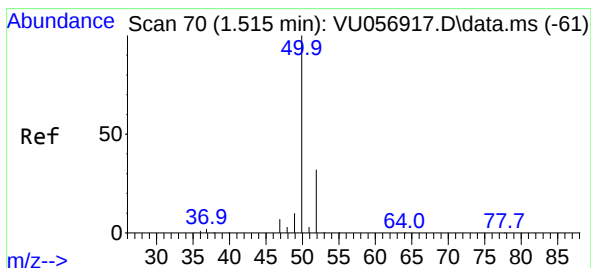
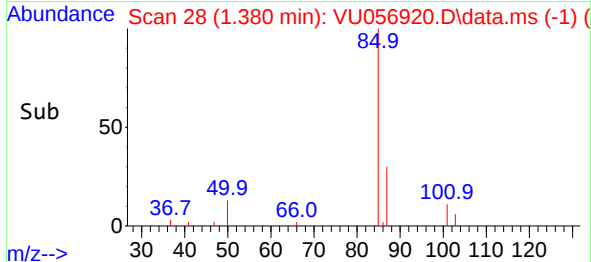
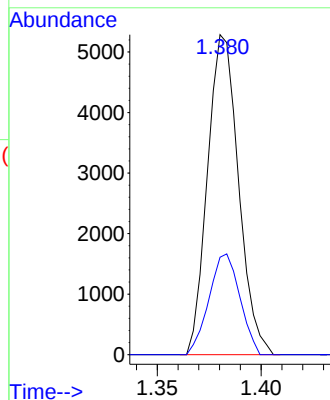
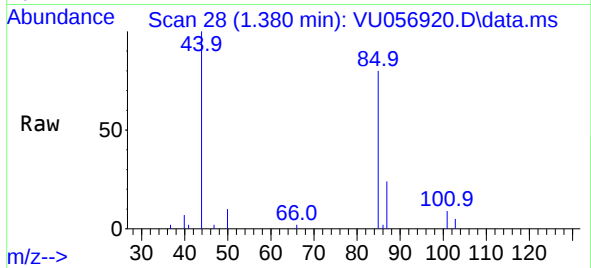




#2
Dichlorodifluoromethane
Concen: 0.264 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

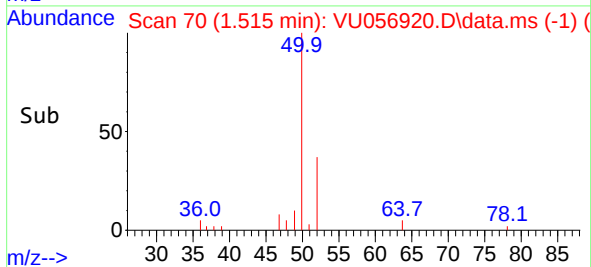
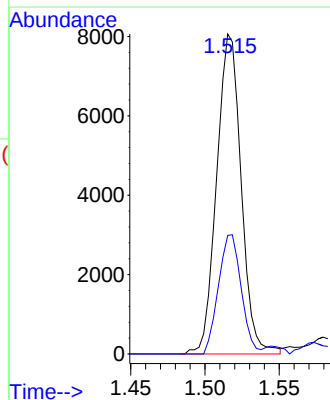
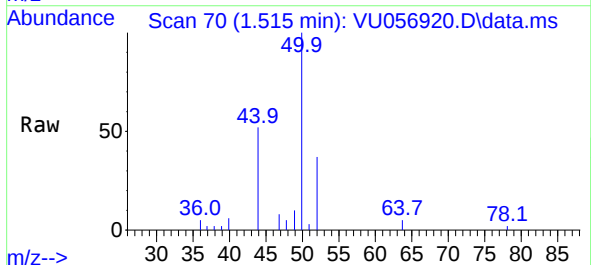
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ClientSampleId :

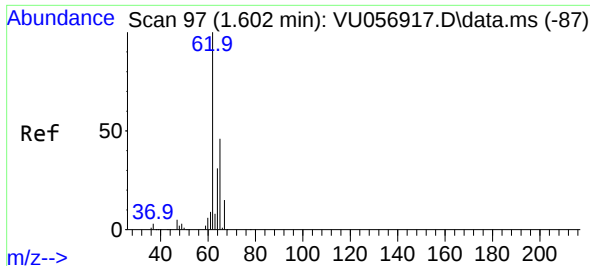
Tgt Ion: 85 Resp: 5476
Ion Ratio Lower Upper
85 100
87 31.3 26.8 40.2



#3
Chloromethane
Concen: 0.455 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Tgt Ion: 50 Resp: 9263
Ion Ratio Lower Upper
50 100
52 37.1 22.5 41.7

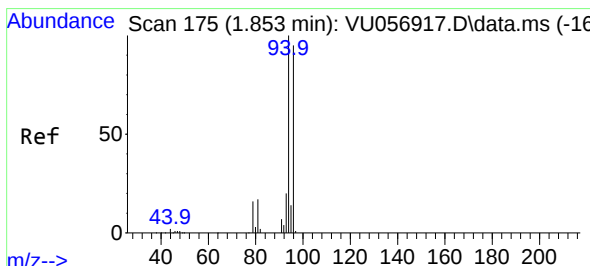
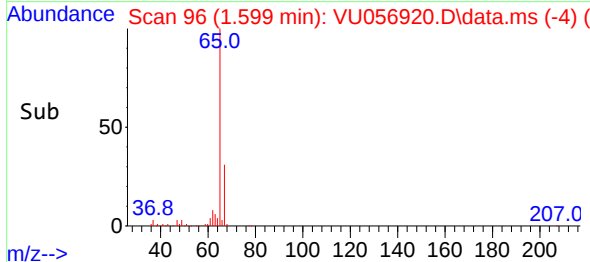
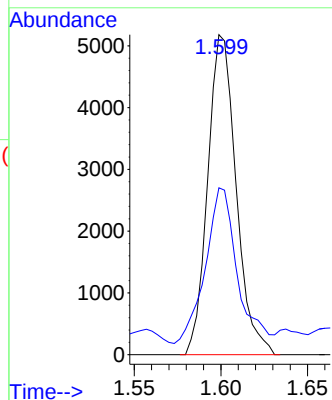
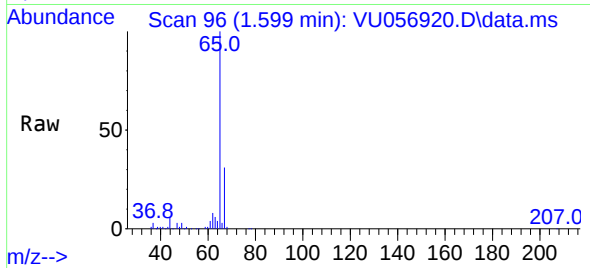




#5
Vinyl chloride
Concen: 0.291 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

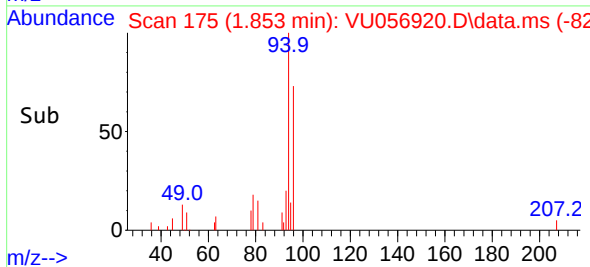
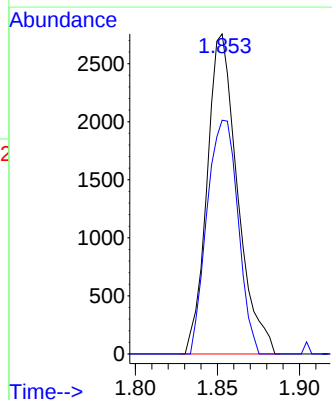
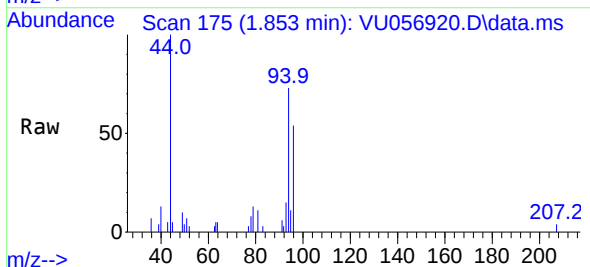
Instrument :
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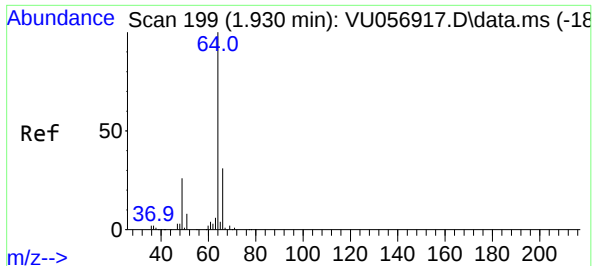
Tgt Ion: 62 Resp: 5893
Ion Ratio Lower Upper
62 100
64 52.1 22.8 42.4#



#6
Bromomethane
Concen: 0.298 ug/L
RT: 1.853 min Scan# 175
Delta R.T. 0.000 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Tgt Ion: 94 Resp: 3553
Ion Ratio Lower Upper
94 100
96 73.0 67.8 125.8

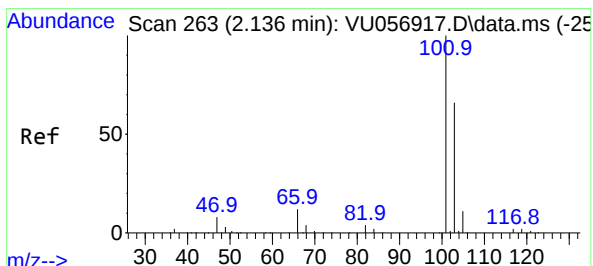
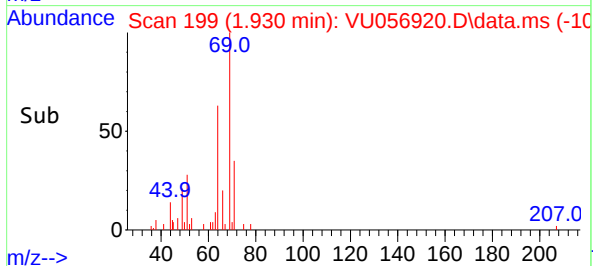
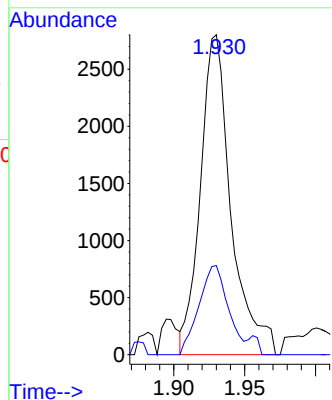
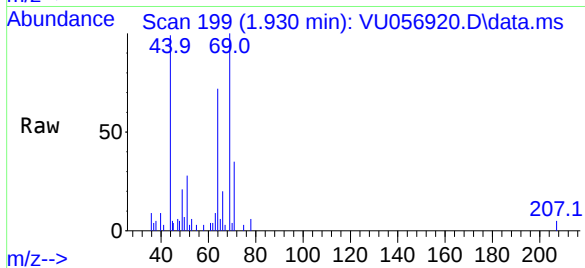




#8
Chloroethane
Concen: 0.356 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

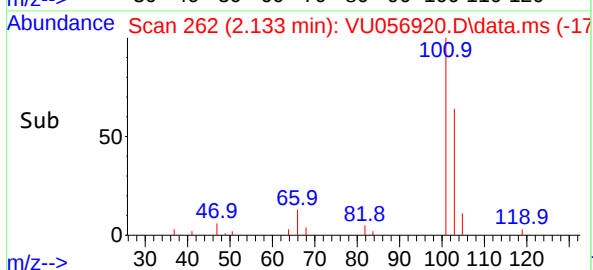
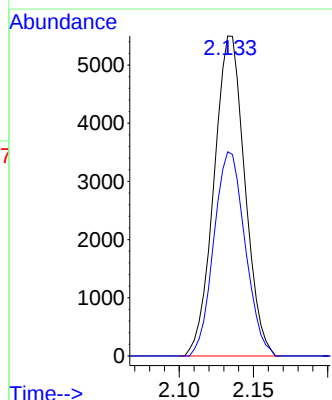
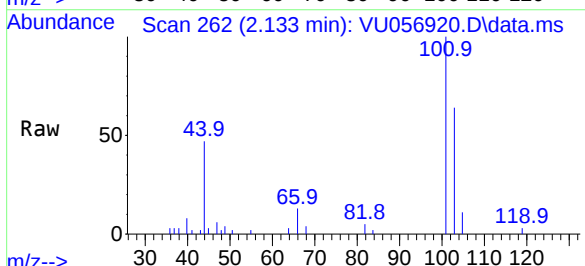
Instrument :
MSVOA_U
ClientSampleId :

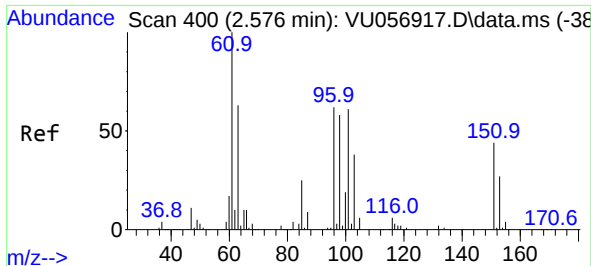
Tgt Ion: 64 Resp: 4214
Ion Ratio Lower Upper
64 100
66 27.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 0.279 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Tgt Ion: 101 Resp: 7961
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

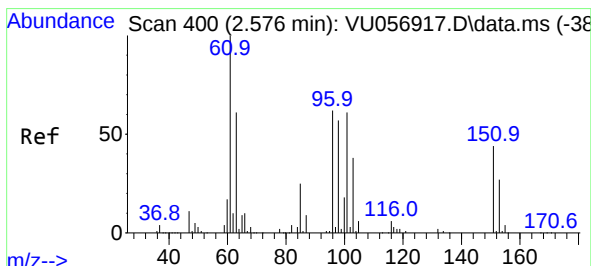
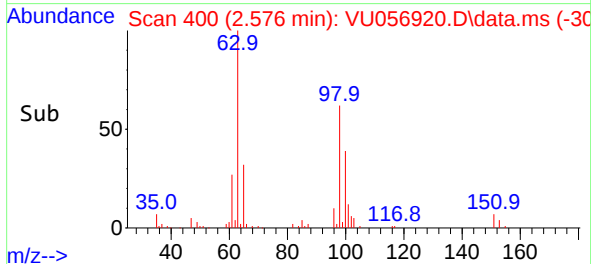
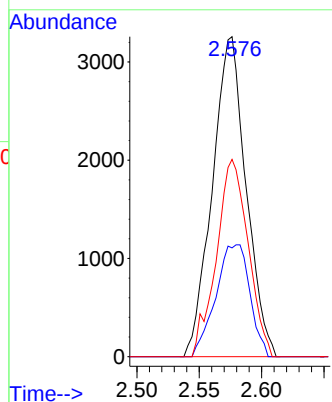
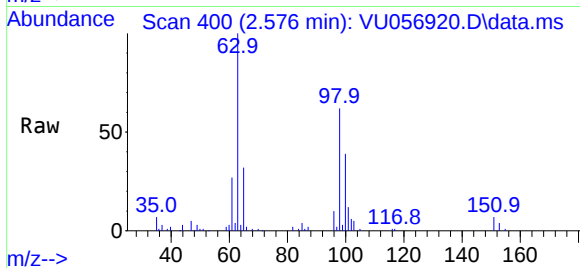




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.351 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

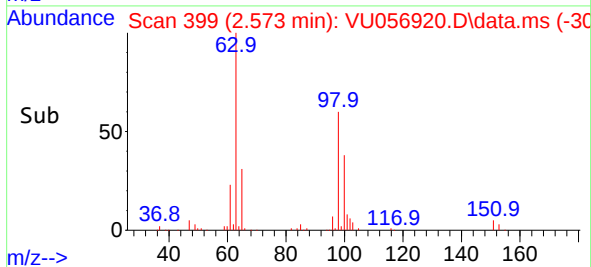
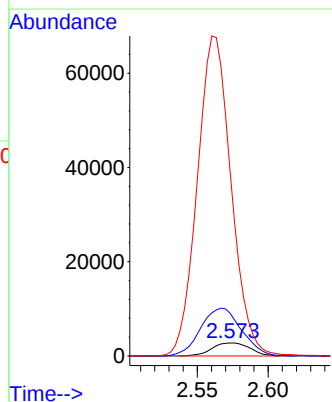
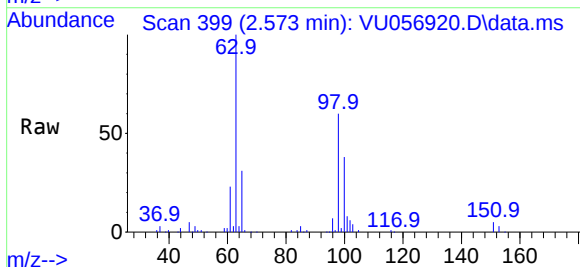
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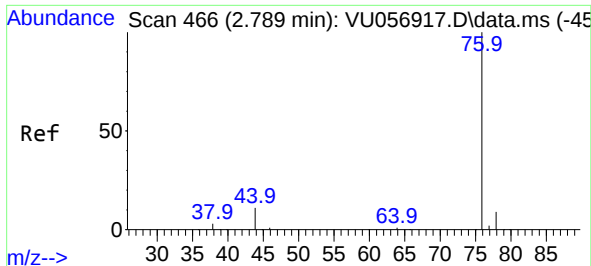
Tgt Ion:101 Resp: 6136
Ion Ratio Lower Upper
101 100
85 35.3 35.2 52.8
151 58.1 56.0 84.0



#12
1,1-Dichloroethene
Concen: 0.320 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Tgt Ion: 96 Resp: 5134
Ion Ratio Lower Upper
96 100
61 329.4 119.0 221.0#
63 1433.3 88.7 164.7#

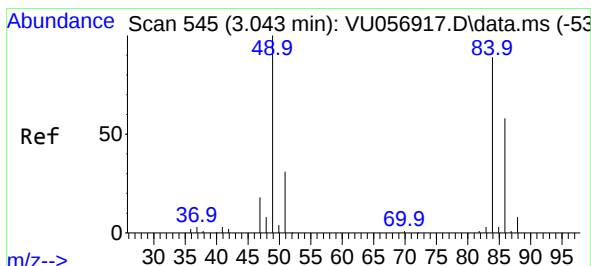
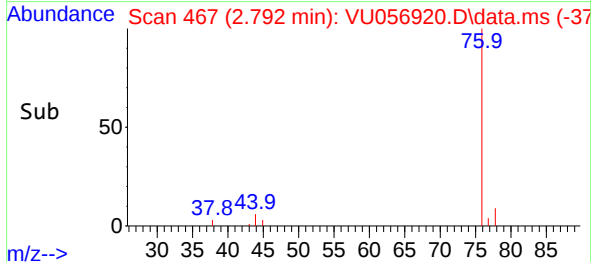
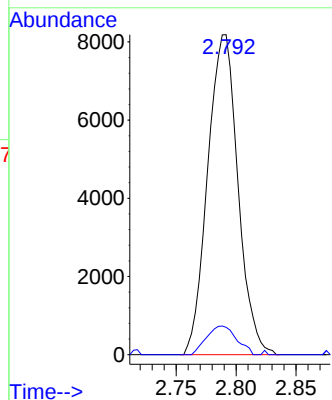
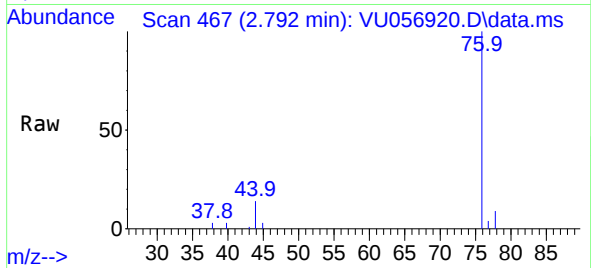




#14
Carbon disulfide
Concen: 0.258 ug/L
RT: 2.792 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

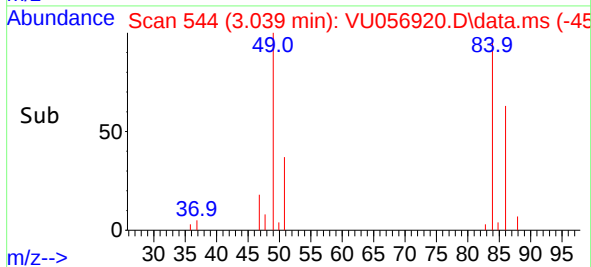
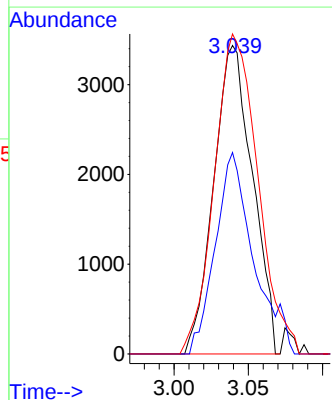
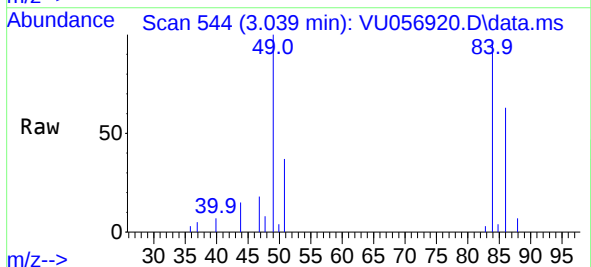
Instrument :
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ClientSampleId :

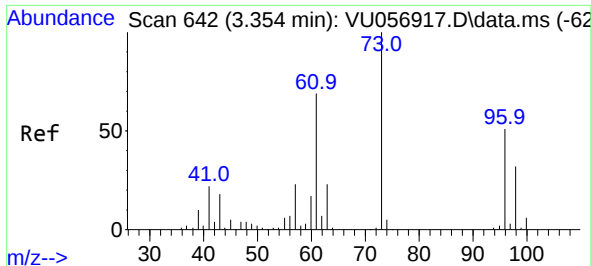
Tgt Ion: 76 Resp: 14384
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#16
Methylene chloride
Concen: 0.358 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056920.D
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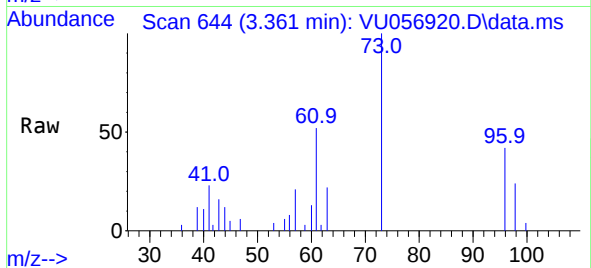
Tgt Ion: 84 Resp: 6259
Ion Ratio Lower Upper
84 100
86 65.3 43.6 81.0
49 103.8 80.6 149.6



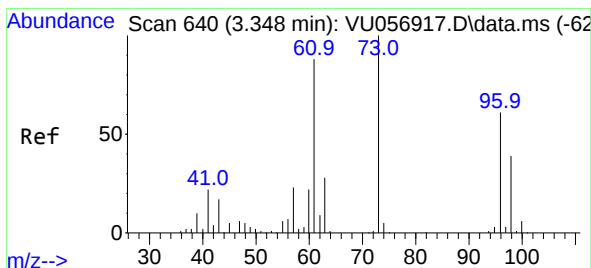
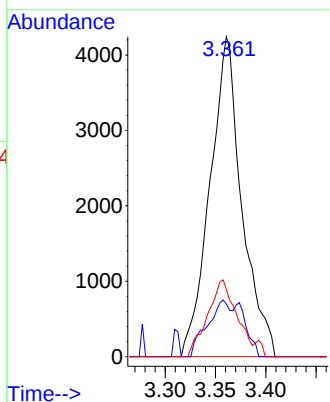
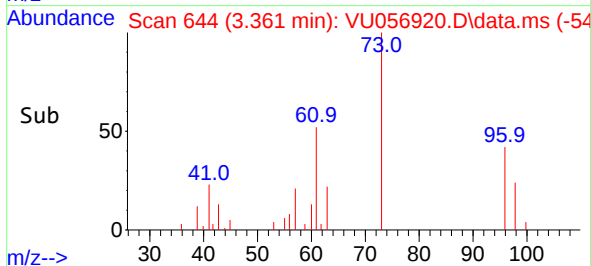


#17
Methyl tert-butyl Ether
Concen: 0.262 ug/L
RT: 3.361 min Scan# 64
Delta R.T. 0.006 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

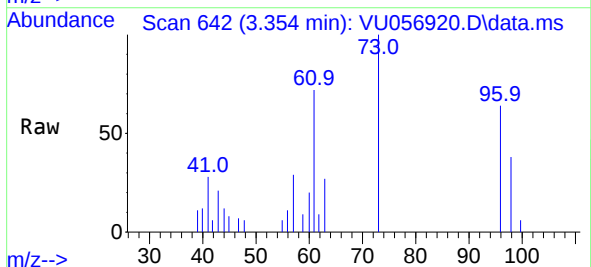
Instrument :
MSVOA_U
ClientSampleId :



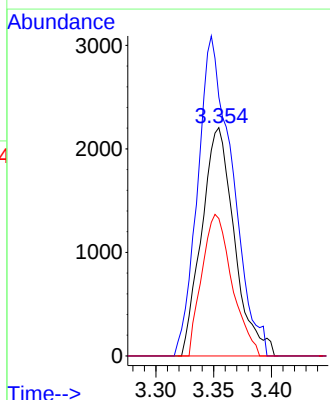
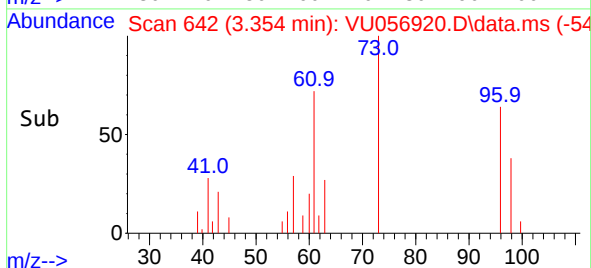
Tgt Ion: 73 Resp: 9326
Ion Ratio Lower Upper
73 100
43 13.5 14.4 21.6#
57 21.9 17.8 26.8

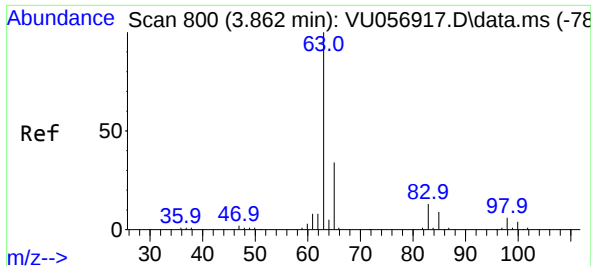


#18
trans-1,2-Dichloroethene
Concen: 0.268 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26



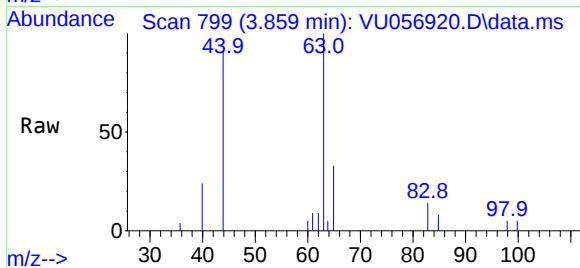
Tgt Ion: 96 Resp: 4366
Ion Ratio Lower Upper
96 100
61 113.4 101.8 189.0
98 60.2 43.0 79.8



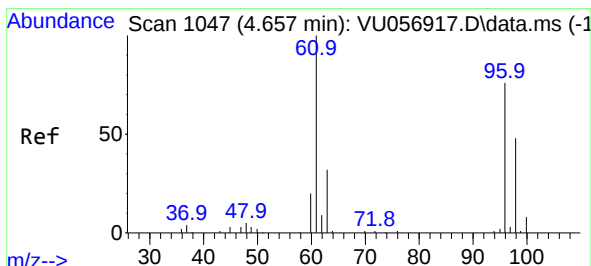
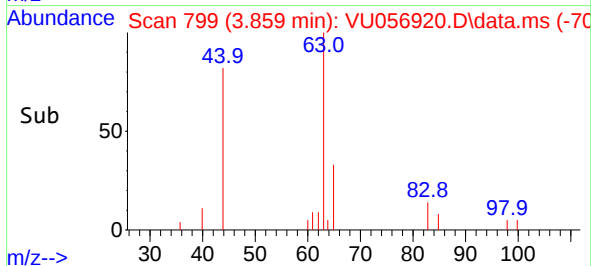
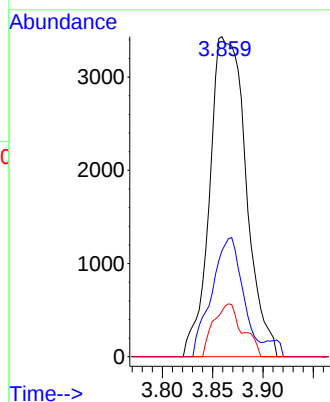


#19
1,1-Dichloroethane
Concen: 0.276 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Instrument :
MSVOA_U
ClientSampleId :

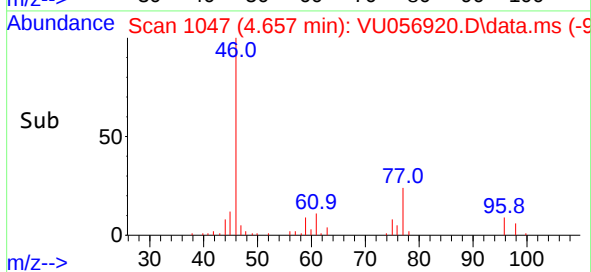
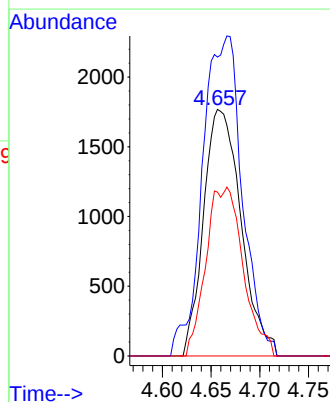
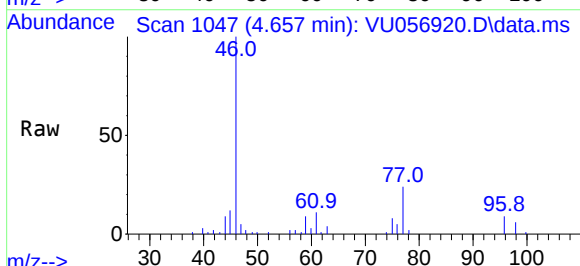


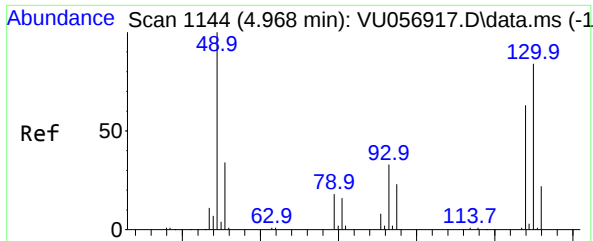
Tgt Ion: 63 Resp: 8630
Ion Ratio Lower Upper
63 100
65 31.6 22.9 42.5
83 13.5 10.1 18.9



#22
cis-1,2-Dichloroethene
Concen: 0.267 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

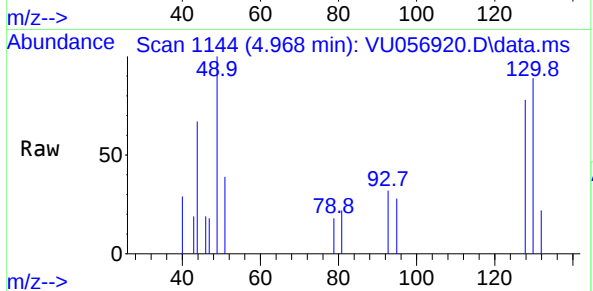
Tgt Ion: 96 Resp: 4730
Ion Ratio Lower Upper
96 100
61 121.3 91.3 169.6
98 66.5 44.2 82.0





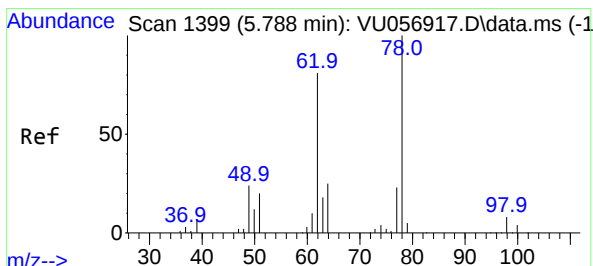
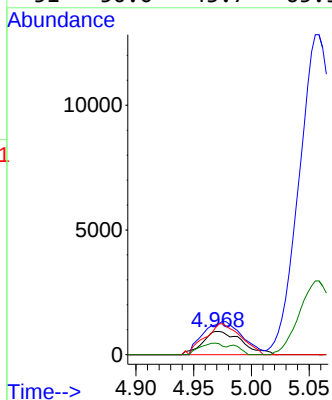
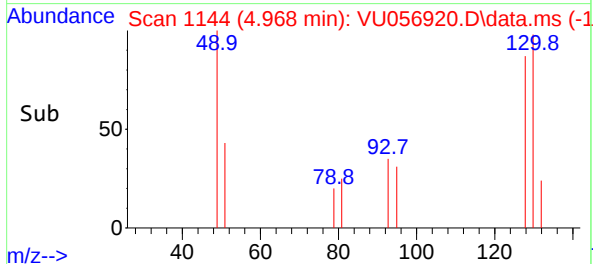
#23
Bromochloromethane
Concen: 0.296 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Instrument :
MSVOA_U
ClientSampleId :

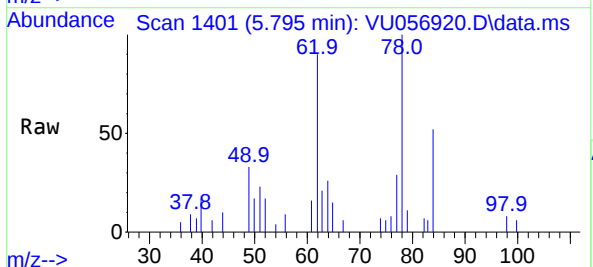


Tgt Ion:128 Resp: 2195

Ion	Ratio	Lower	Upper
128	100		
49	127.5	113.8	211.3
130	113.3	90.6	168.3
51	50.0	43.7	65.5

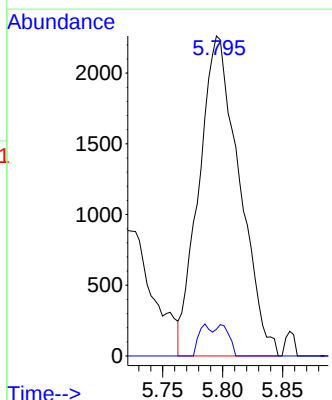
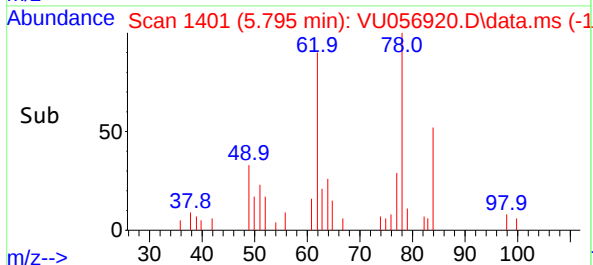


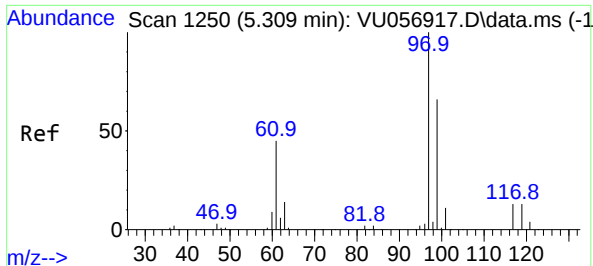
#27
1,2-Dichloroethane
Concen: 0.273 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26



Tgt Ion: 62 Resp: 5288

Ion	Ratio	Lower	Upper
62	100		
98	8.4	7.8	11.6





#29

1,1,1-Trichloroethane

Concen: 0.264 ug/L

RT: 5.313 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU056920.D

Acq: 16 Dec 2023 12:26

Instrument :

MSVOA_U

ClientSampleId :

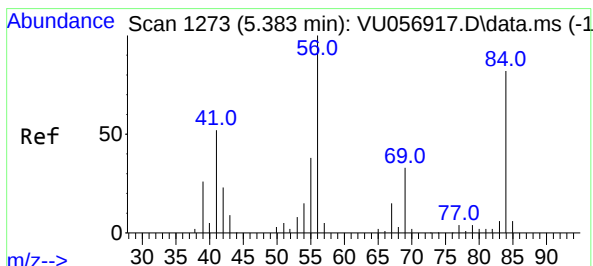
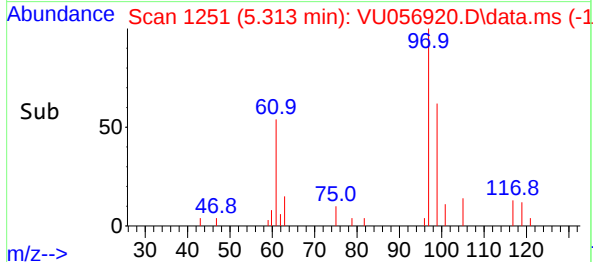
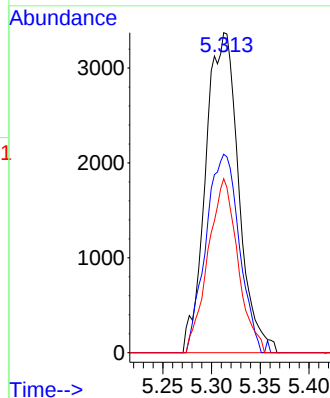
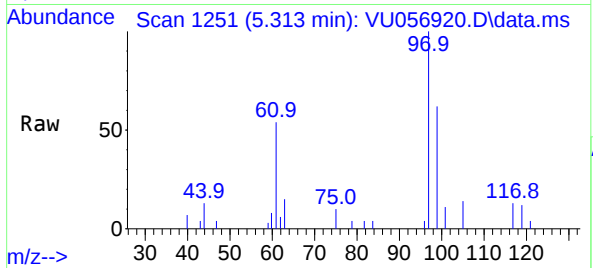
Tgt Ion: 97 Resp: 7932

Ion Ratio Lower Upper

97 100

99 62.5 52.5 78.7

61 49.2 34.2 51.2



#30

Cyclohexane

Concen: 0.228 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU056920.D

Acq: 16 Dec 2023 12:26

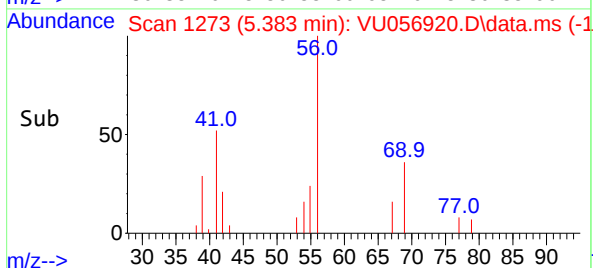
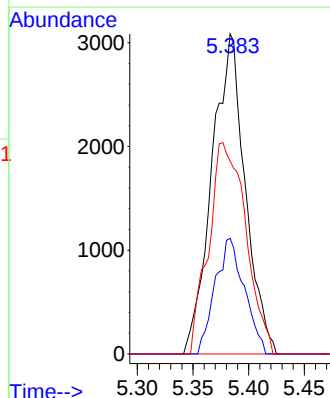
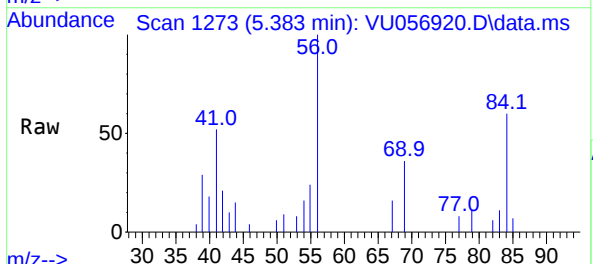
Tgt Ion: 56 Resp: 6416

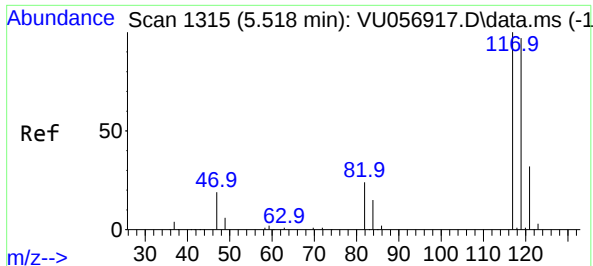
Ion Ratio Lower Upper

56 100

69 31.6 24.9 37.3

84 73.8 67.6 101.4

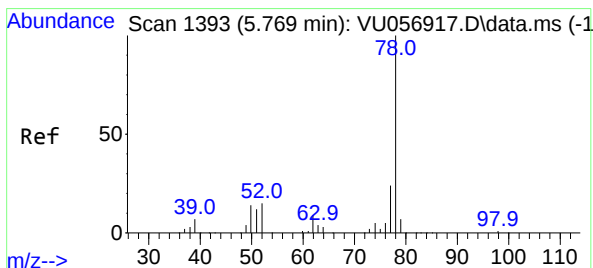
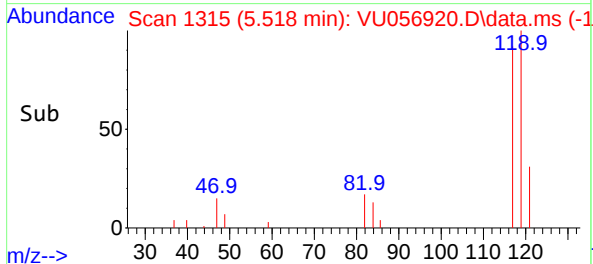
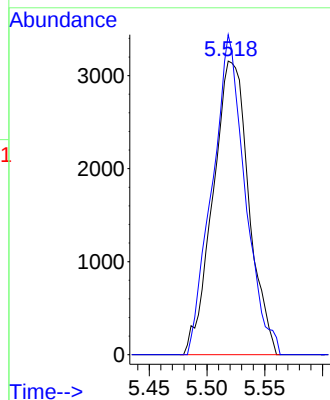
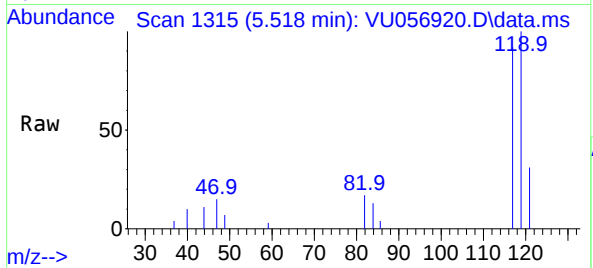




#31
Carbon tetrachloride
Concen: 0.261 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

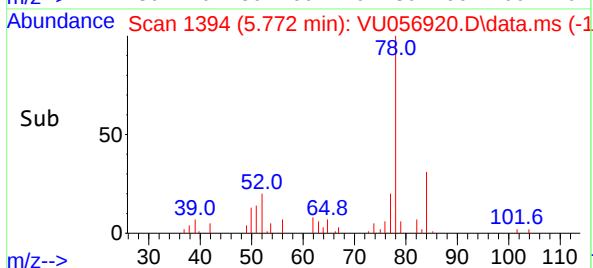
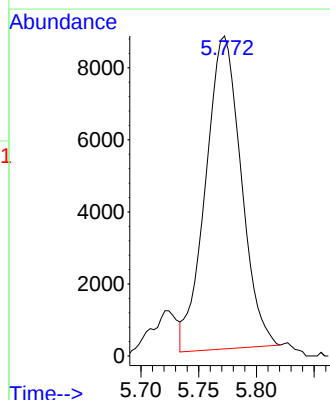
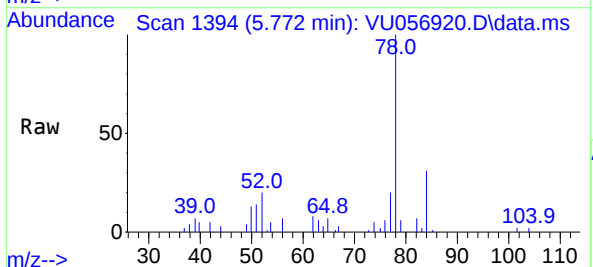
Instrument :
MSVOA_U
ClientSampleId :

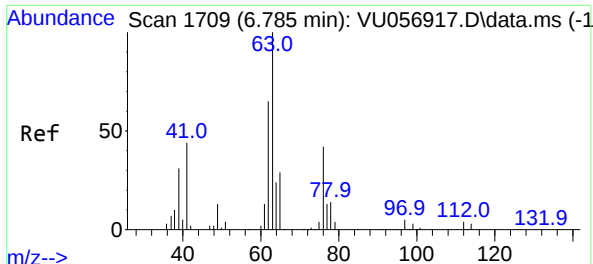
Tgt Ion:117 Resp: 6817
Ion Ratio Lower Upper
117 100
119 100.0 76.2 114.4



#33
Benzene
Concen: 0.255 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Tgt Ion: 78 Resp: 18618

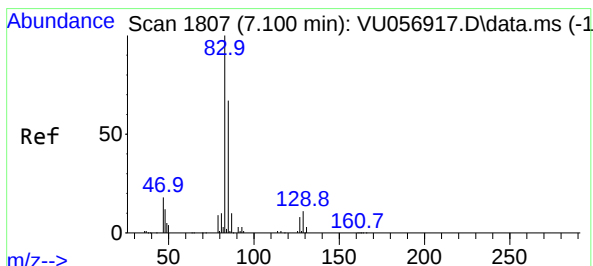
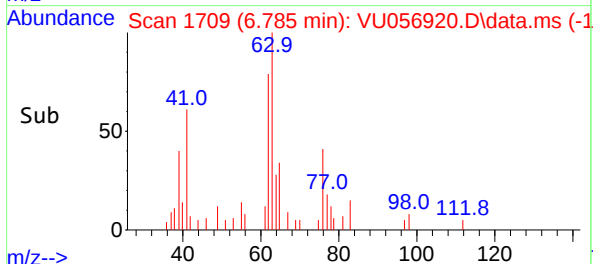
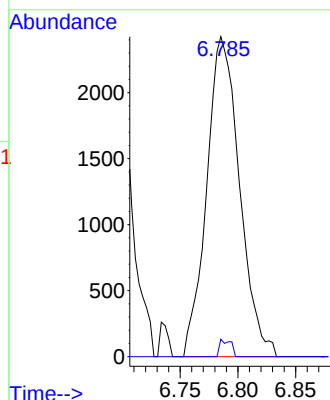
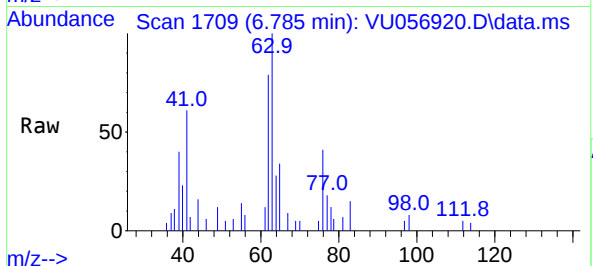




#37
1,2-Dichloropropane
Concen: 0.257 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

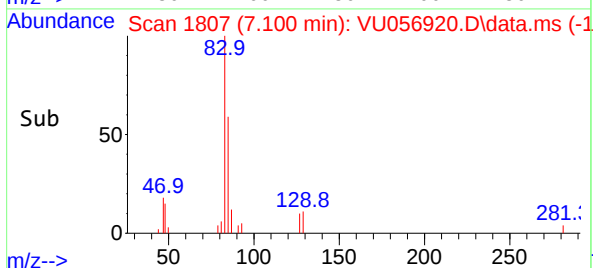
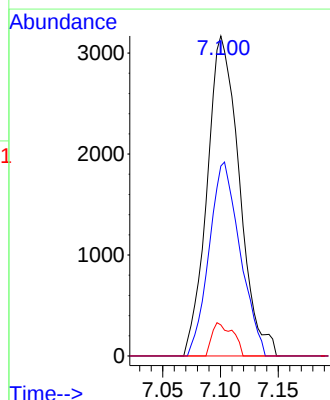
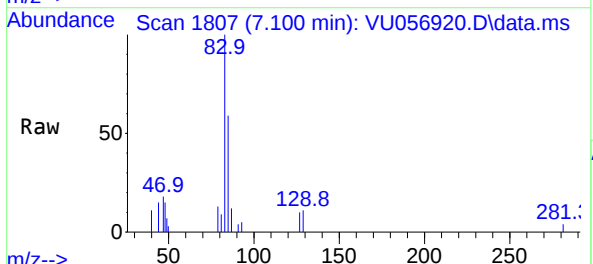
Instrument :
MSVOA_U
ClientSampleId :

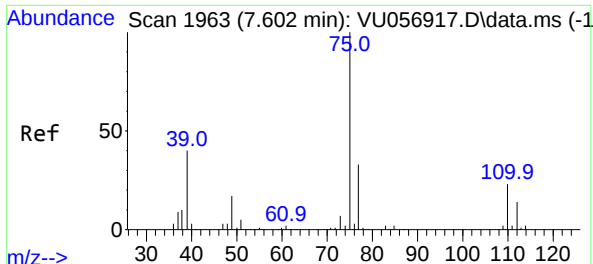
Tgt Ion: 63 Resp: 4797
Ion Ratio Lower Upper
63 100
112 1.8 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.258 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Tgt Ion: 83 Resp: 6151
Ion Ratio Lower Upper
83 100
85 59.3 45.0 83.6
127 9.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 0.227 ug/L

RT: 7.605 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056920.D

Acq: 16 Dec 2023 12:26

Instrument :

MSVOA_U

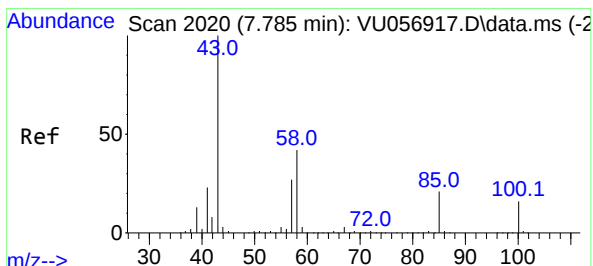
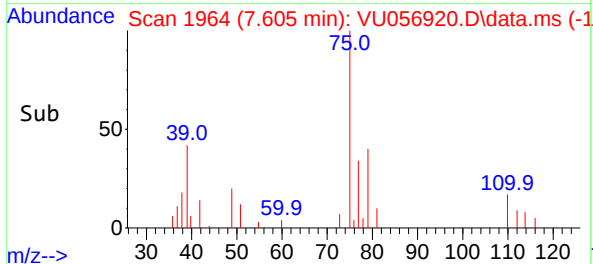
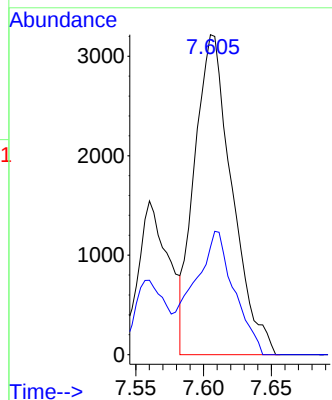
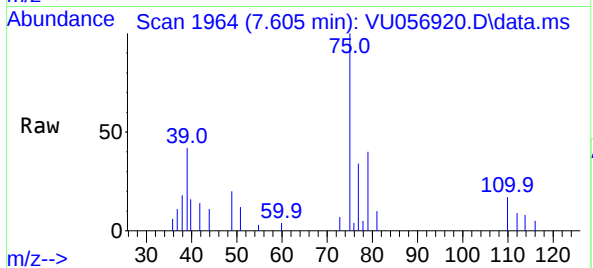
ClientSampleId :

Tgt Ion: 75 Resp: 6165

Ion Ratio Lower Upper

75 100

77 33.6 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 2.581 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU056920.D

Acq: 16 Dec 2023 12:26

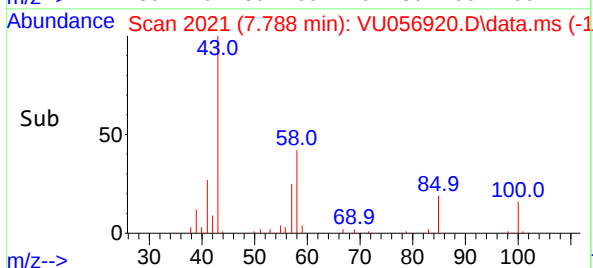
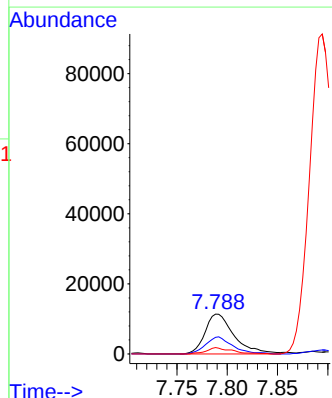
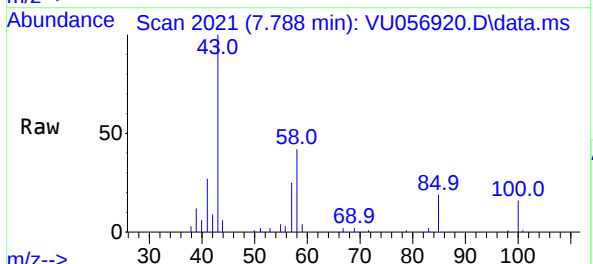
Tgt Ion: 43 Resp: 22878

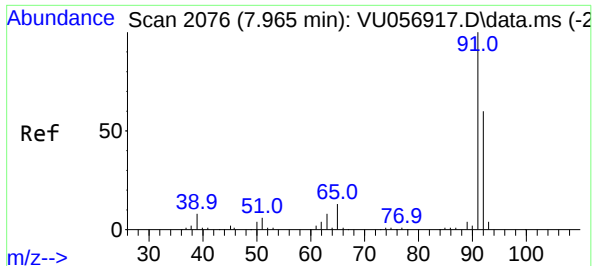
Ion Ratio Lower Upper

43 100

58 39.5 33.7 50.5

100 0.0 13.0 19.4#





#42

Toluene

Concen: 0.280 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056920.D

Acq: 16 Dec 2023 12:26

Instrument :

MSVOA_U

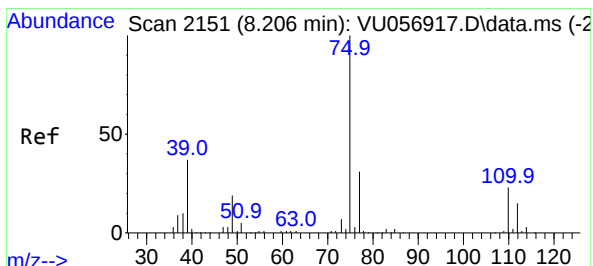
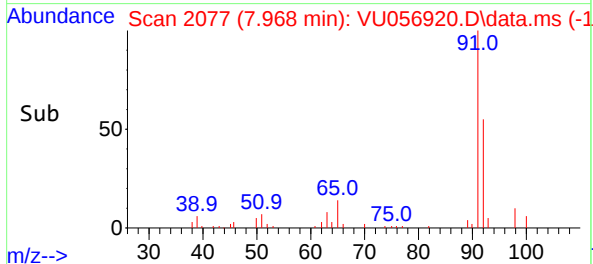
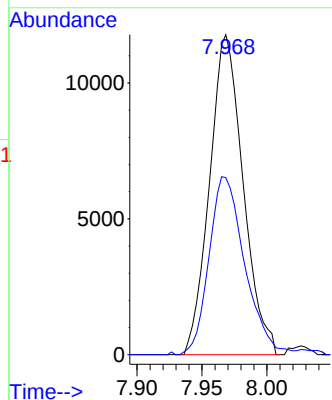
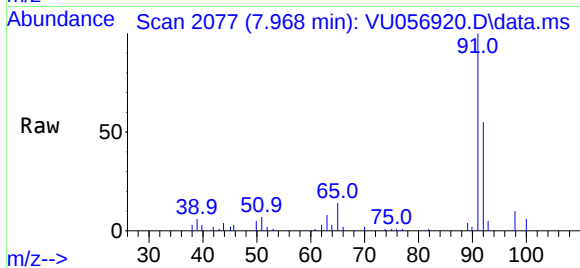
ClientSampleId :

Tgt Ion: 91 Resp: 21146

Ion Ratio Lower Upper

91 100

92 55.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.244 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.006 min

Lab File: VU056920.D

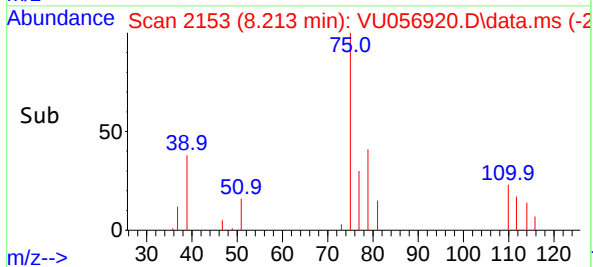
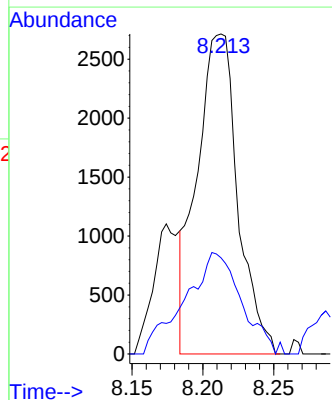
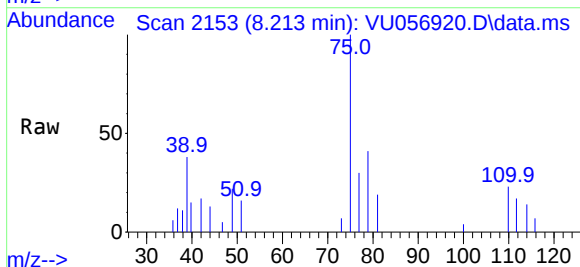
Acq: 16 Dec 2023 12:26

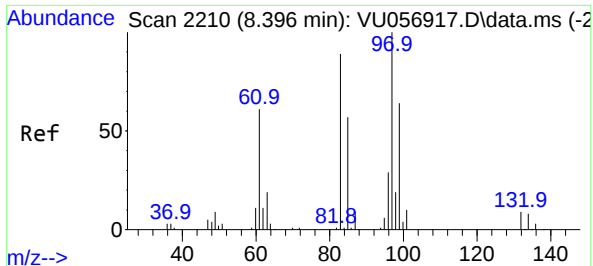
Tgt Ion: 75 Resp: 5452

Ion Ratio Lower Upper

75 100

77 30.1 21.8 40.4



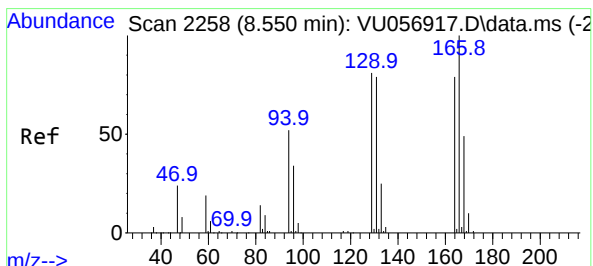
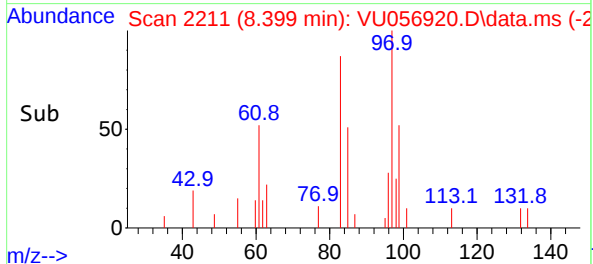
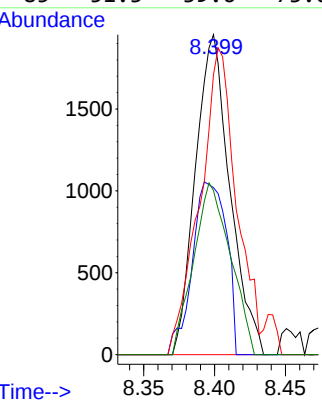
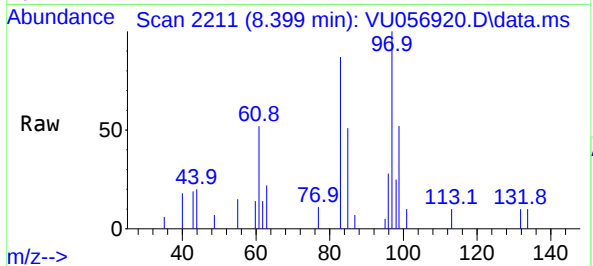


#45
1,1,2-Trichloroethane
Concen: 0.262 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 3307

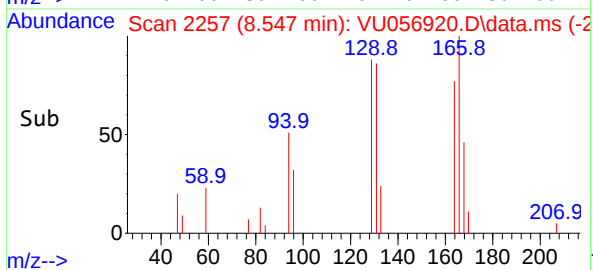
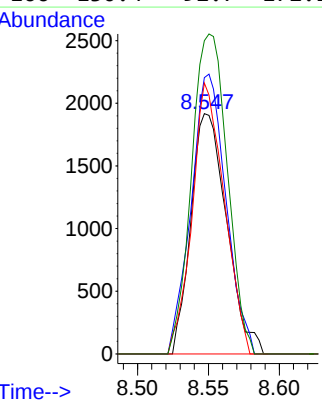
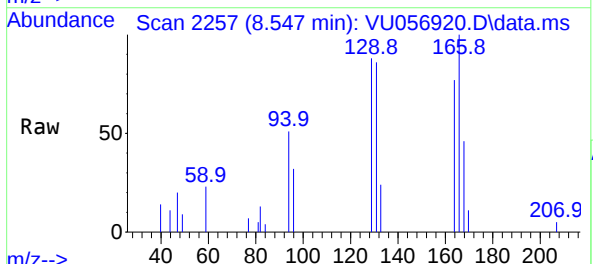
Ion	Ratio	Lower	Upper
97	100		
99	52.2	41.9	77.9
83	87.5	59.1	109.7
85	51.3	39.6	73.6

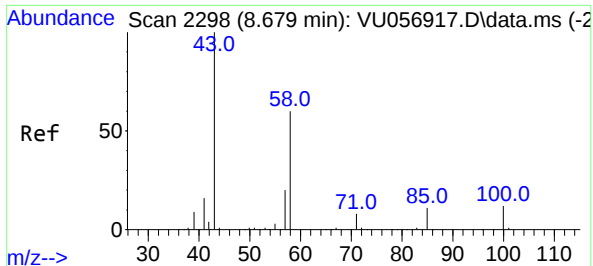


#47
Tetrachloroethene
Concen: 0.239 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Tgt Ion: 164 Resp: 3355

Ion	Ratio	Lower	Upper
164	100		
129	115.0	73.4	136.4
131	112.7	71.5	132.9
166	130.4	92.7	172.1



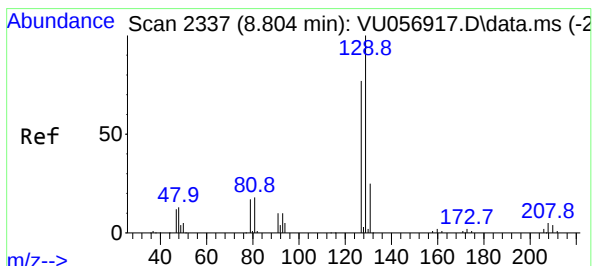
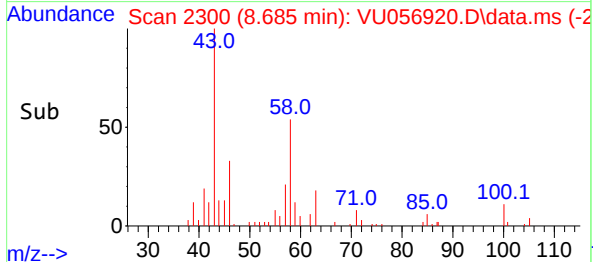
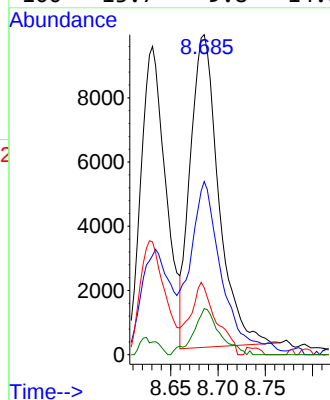
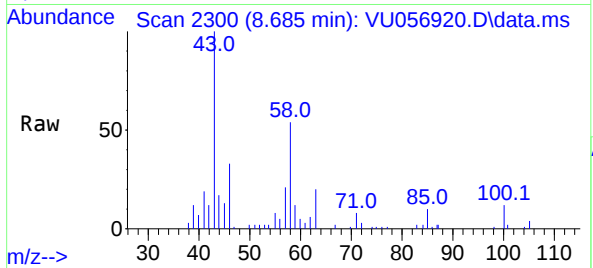


#48
2-Hexanone
Concen: 3.221 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 20339

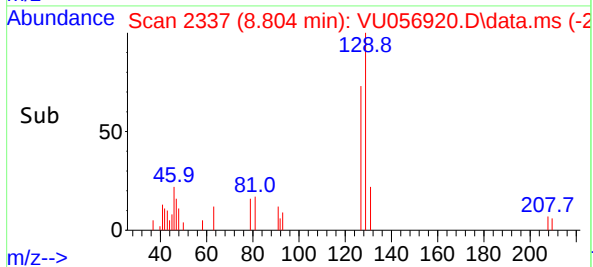
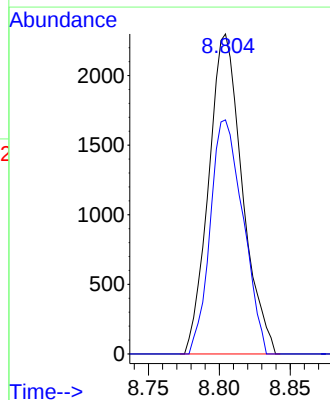
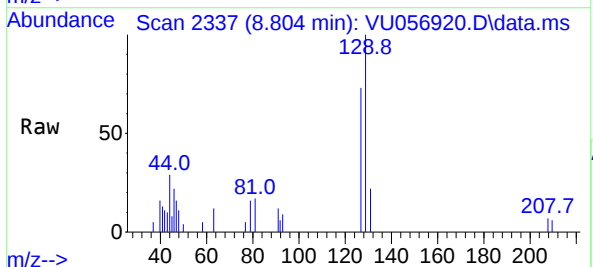
Ion	Ratio	Lower	Upper
43	100		
58	55.2	47.5	71.3
57	20.8	17.0	25.4
100	13.7	9.8	14.8

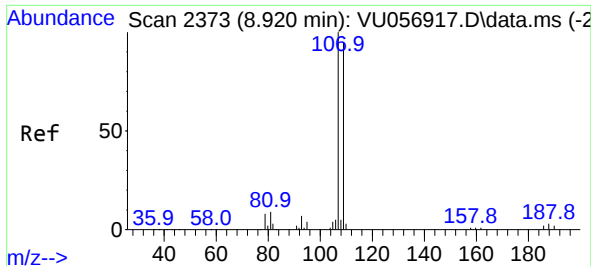


#49
Dibromochloromethane
Concen: 0.262 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Tgt Ion: 129 Resp: 3797

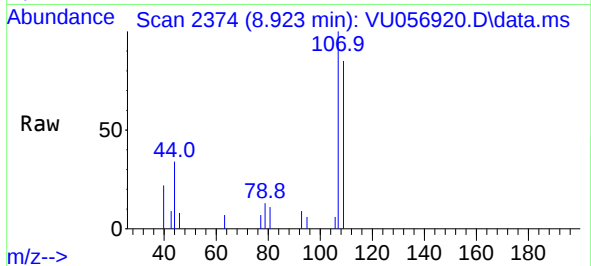
Ion	Ratio	Lower	Upper
129	100		
127	73.2	53.9	100.1



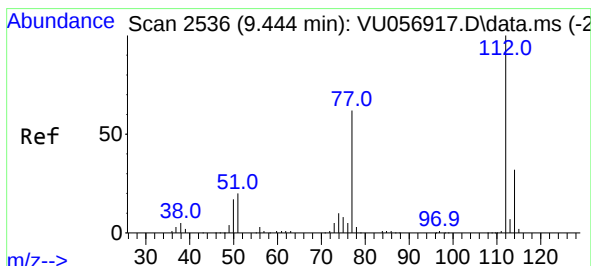
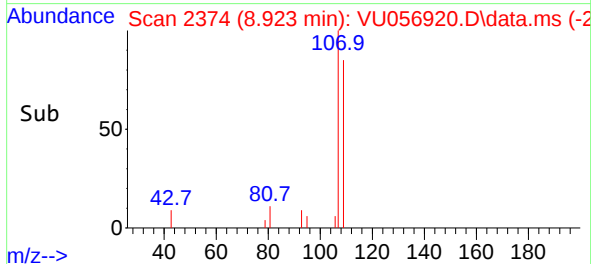
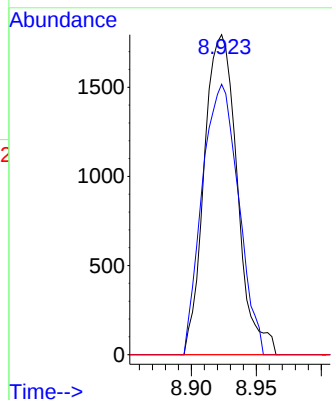


#50
1,2-Dibromoethane
Concen: 0.271 ug/L
RT: 8.923 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Instrument :
MSVOA_U
ClientSampleId :

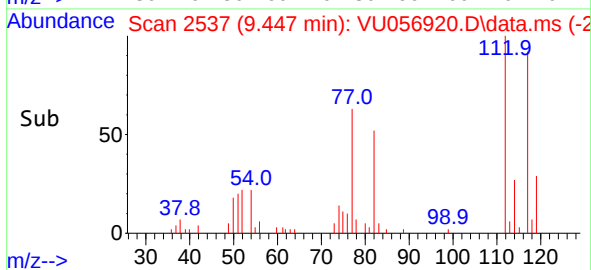
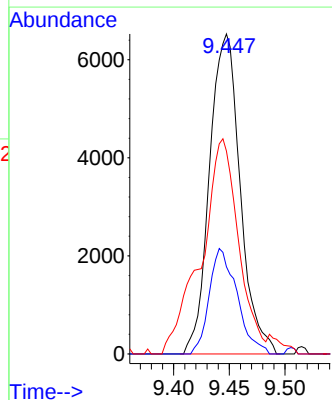
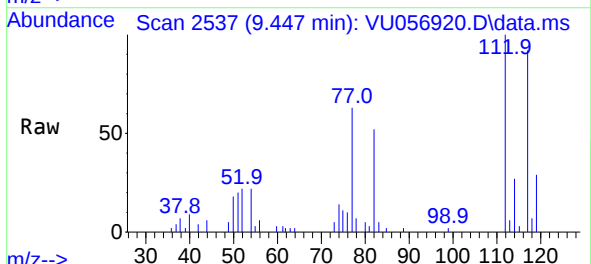


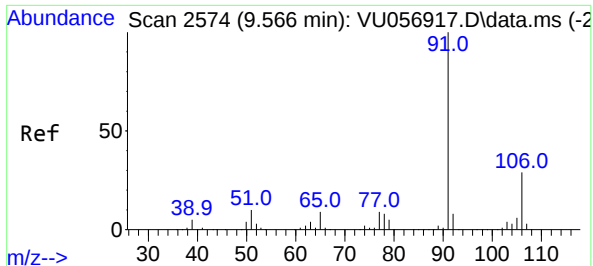
Tgt Ion:107 Resp: 3175
Ion Ratio Lower Upper
107 100
109 84.5 66.5 123.5
188 0.0 2.9 4.3#



#51
Chlorobenzene
Concen: 0.259 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Tgt Ion:112 Resp: 12473
Ion Ratio Lower Upper
112 100
114 27.3 21.9 40.7
77 63.4 51.6 77.4





#52

Ethylbenzene

Concen: 0.217 ug/L

RT: 9.570 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056920.D

Acq: 16 Dec 2023 12:26

Instrument :

MSVOA_U

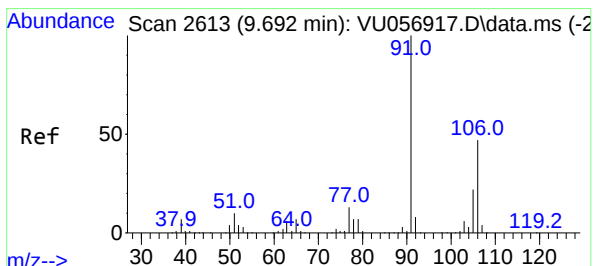
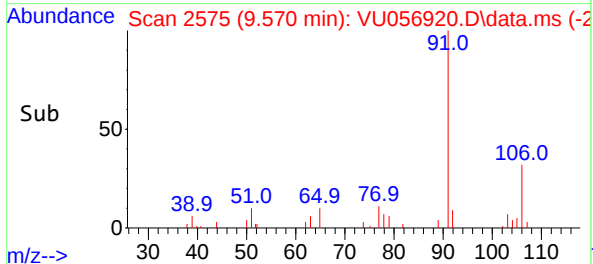
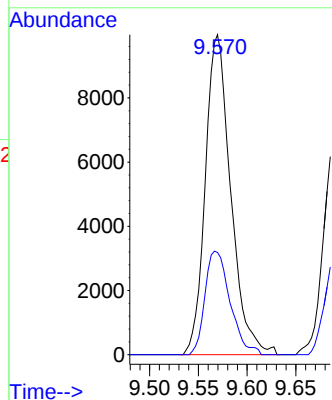
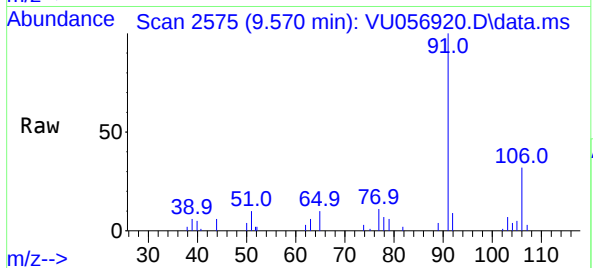
ClientSampleId :

Tgt Ion: 91 Resp: 18097

Ion Ratio Lower Upper

91 100

106 31.9 20.6 38.4



#53

m,p-Xylene

Concen: 0.219 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.000 min

Lab File: VU056920.D

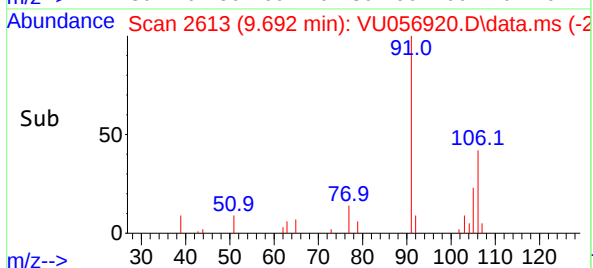
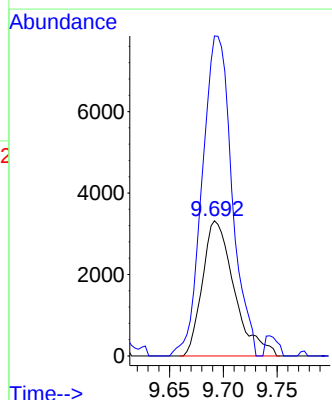
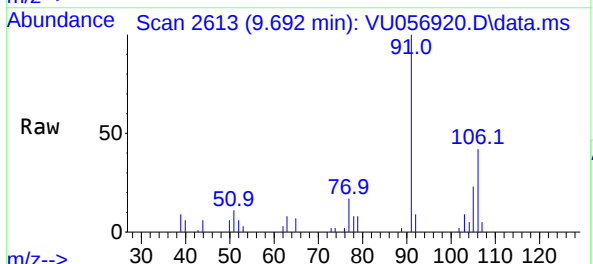
Acq: 16 Dec 2023 12:26

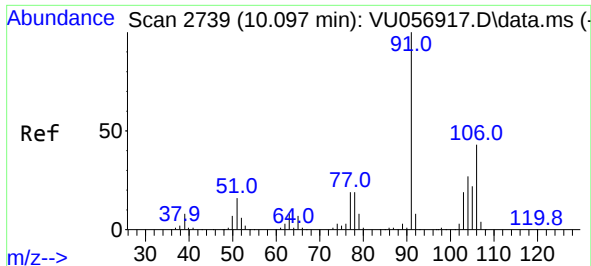
Tgt Ion:106 Resp: 6804

Ion Ratio Lower Upper

106 100

91 236.6 154.0 286.0

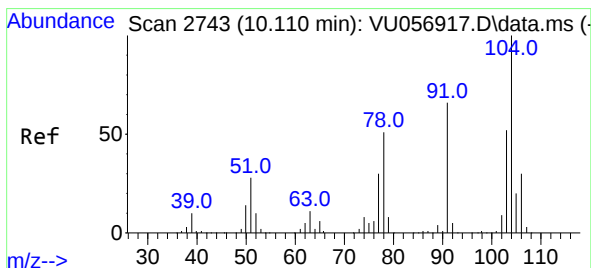
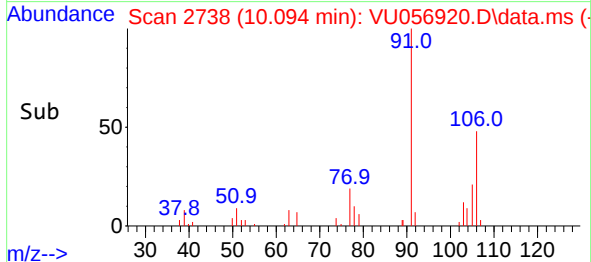
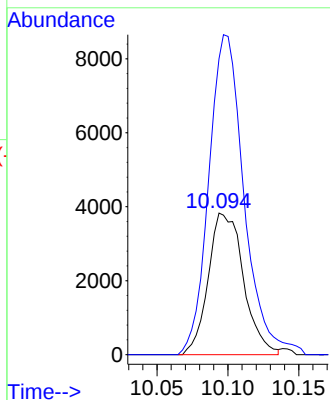
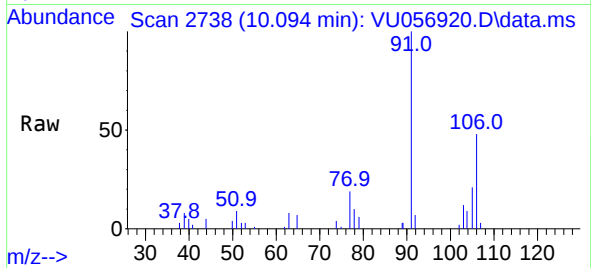




#54
o-Xylene
Concen: 0.224 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

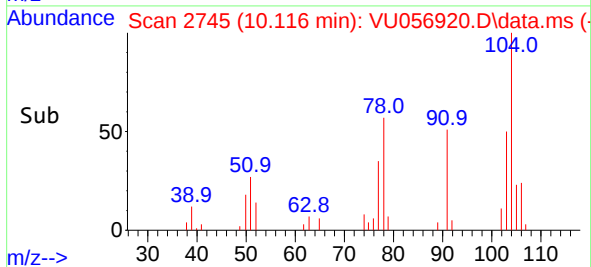
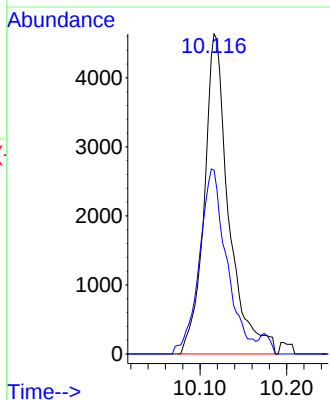
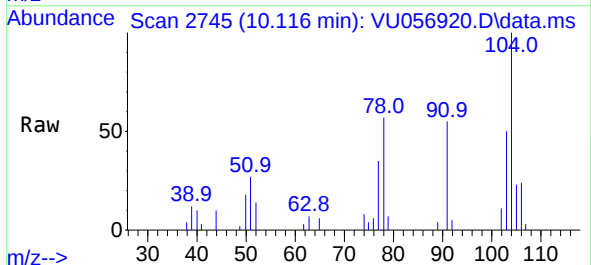
Instrument :
MSVOA_U
ClientSampleId :

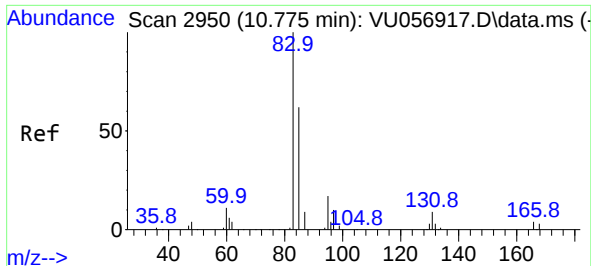
Tgt Ion:106 Resp: 6628
Ion Ratio Lower Upper
106 100
91 209.0 160.2 297.6



#55
Styrene
Concen: 0.188 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Tgt Ion:104 Resp: 9109
Ion Ratio Lower Upper
104 100
78 57.5 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 0.269 ug/L

RT: 10.772 min Scan# 2950

Delta R.T. -0.006 min

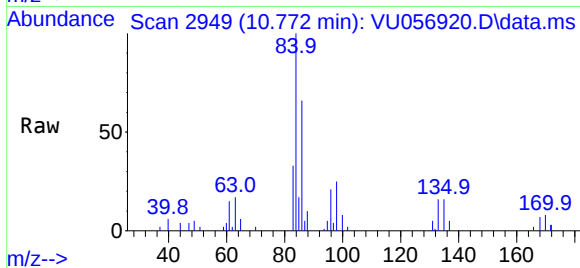
Lab File: VU056920.D

Acq: 16 Dec 2023 12:26

Instrument :

MSVOA_U

ClientSampleId :



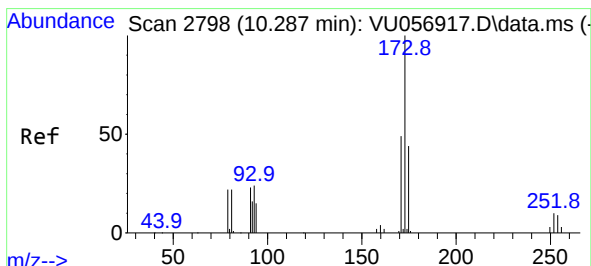
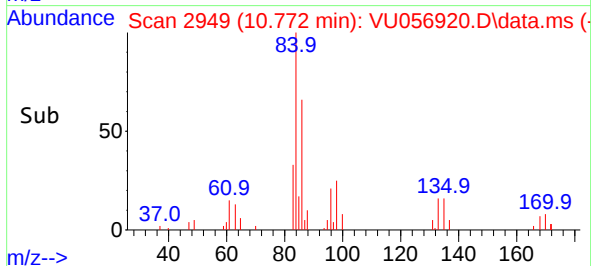
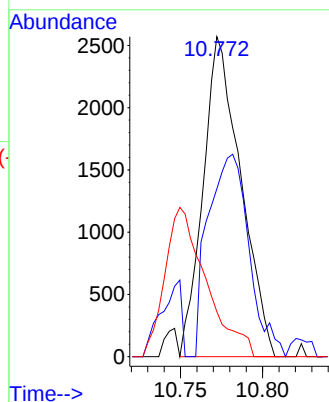
Tgt Ion: 83 Resp: 4098

Ion Ratio Lower Upper

83 100

85 52.5 45.4 84.4

131 14.1 6.6 9.8#



#59

Bromoform

Concen: 0.259 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.003 min

Lab File: VU056920.D

Acq: 16 Dec 2023 12:26

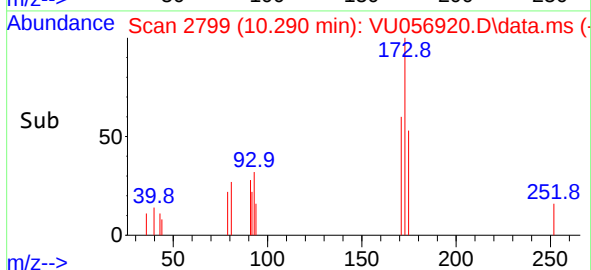
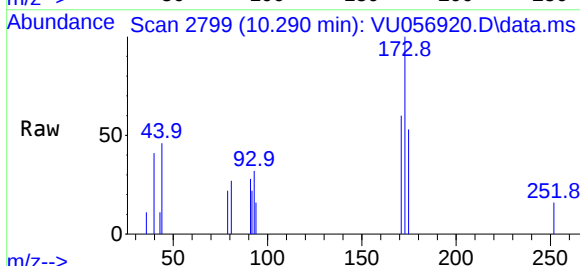
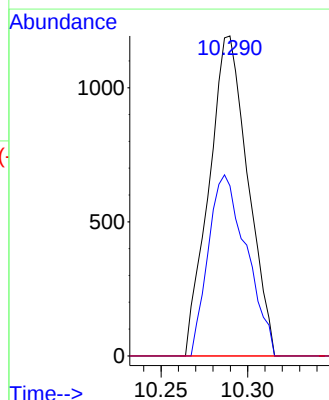
Tgt Ion:173 Resp: 1862

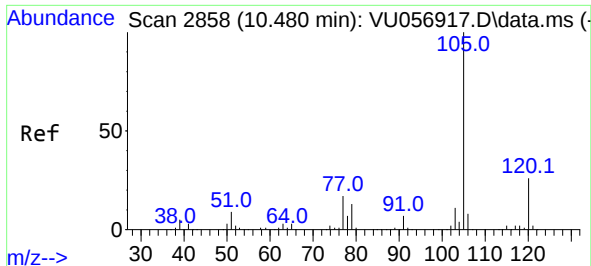
Ion Ratio Lower Upper

173 100

175 55.8 38.2 57.2

254 0.0 7.0 10.4#

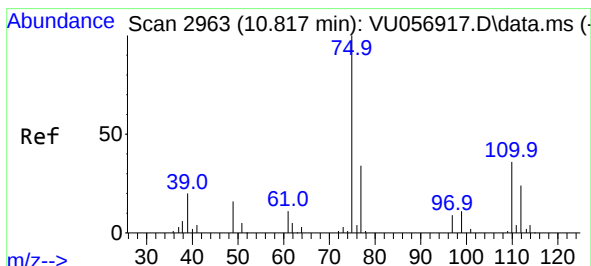
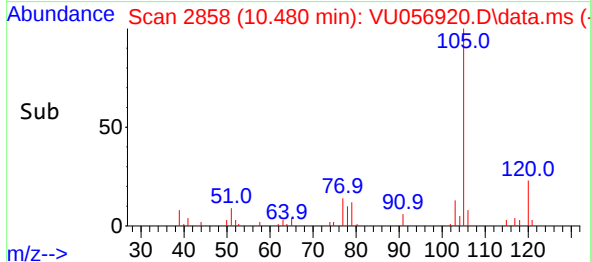
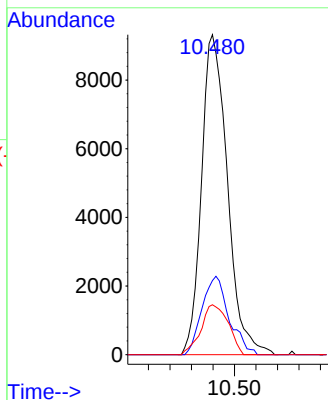
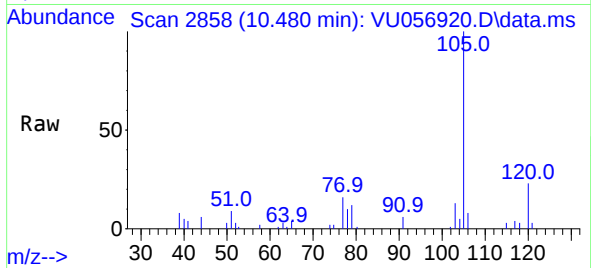




#60
Isopropylbenzene
Concen: 0.224 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

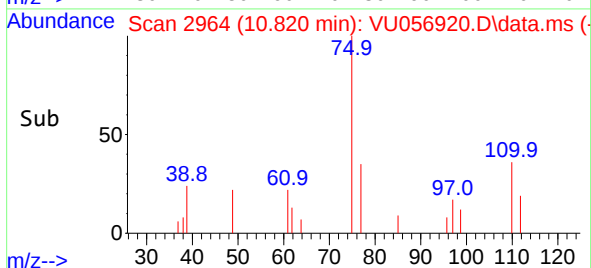
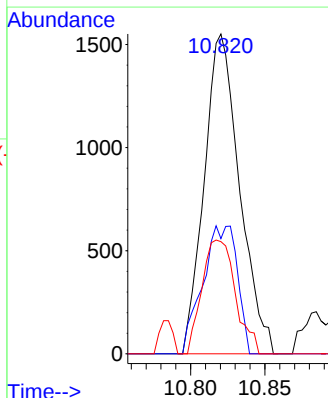
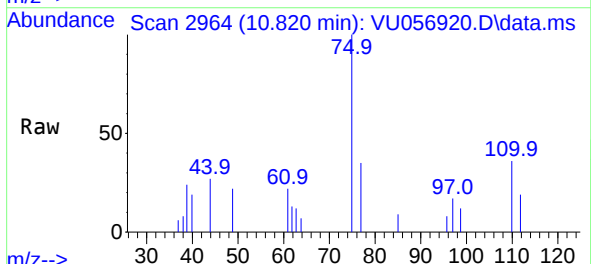
Instrument :
MSVOA_U
ClientSampleId :

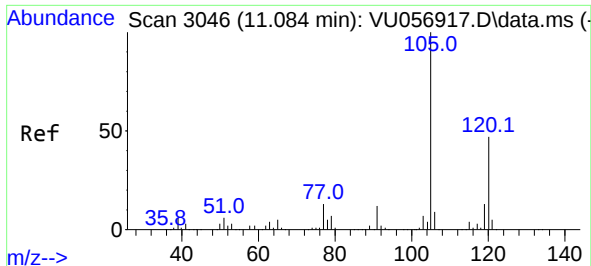
Tgt Ion:	105	Resp:	15588
Ion Ratio	Lower	Upper	
105	100		
120	25.5	20.1	30.1
77	16.4	13.2	19.8



#61
1,2,3-Trichloropropane
Concen: 0.271 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Tgt Ion:	75	Resp:	2568
Ion Ratio	Lower	Upper	
75	100		
110	39.2	28.4	42.6
77	33.7	26.3	39.5

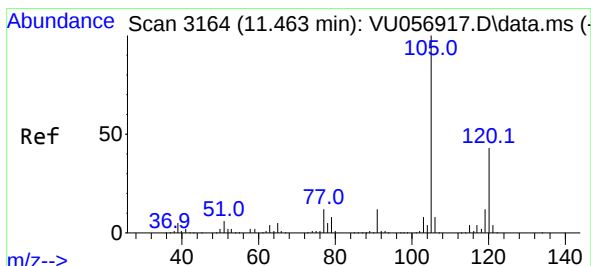
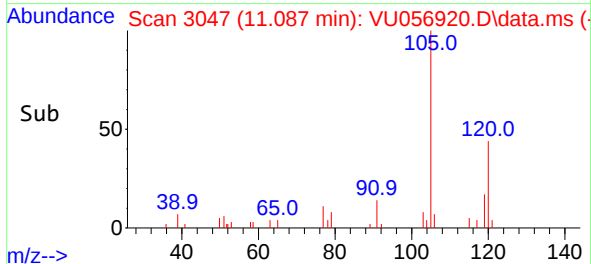
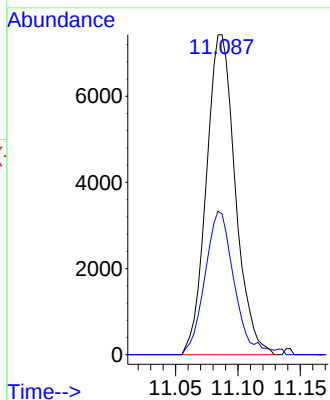
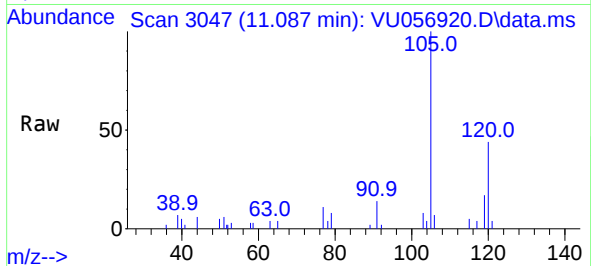




#62
1,3,5-Trimethylbenzene
Concen: 0.211 ug/L
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

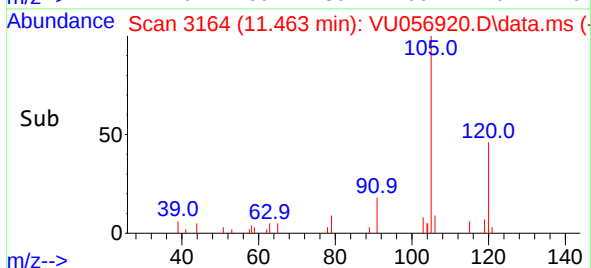
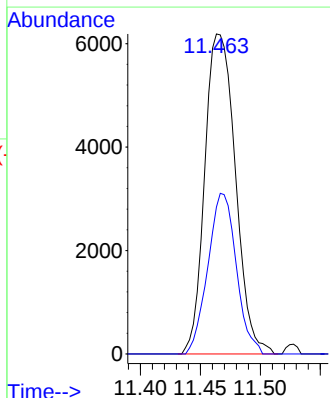
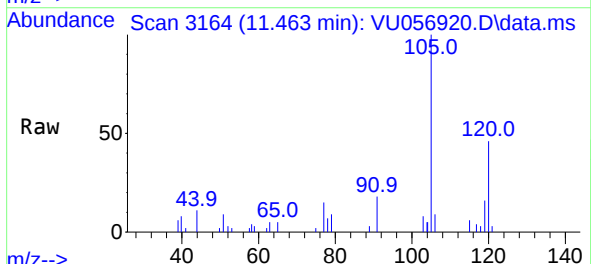
Instrument :
MSVOA_U
ClientSampleId :

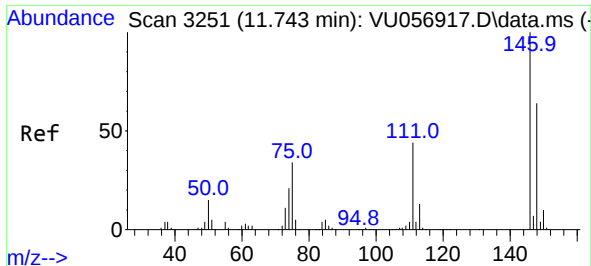
Tgt Ion:105 Resp: 12026
Ion Ratio Lower Upper
105 100
120 45.4 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 0.195 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

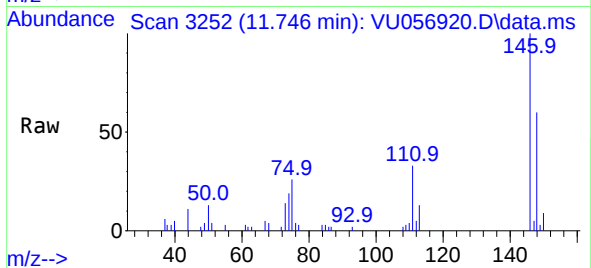
Tgt Ion:105 Resp: 10999
Ion Ratio Lower Upper
105 100
120 46.5 34.2 51.4



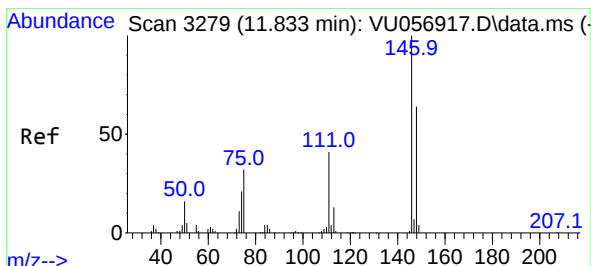
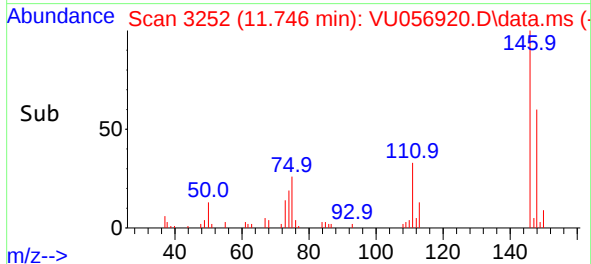
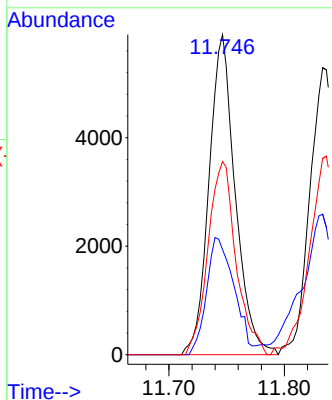


#64
1,3-Dichlorobenzene
Concen: 0.283 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Instrument :
MSVOA_U
ClientSampleId :

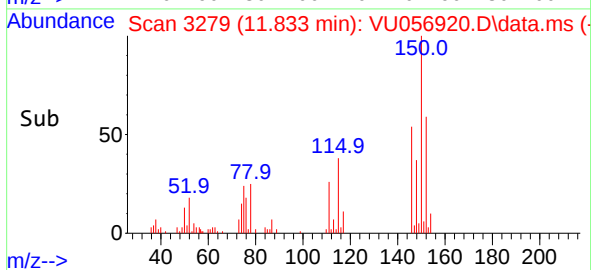
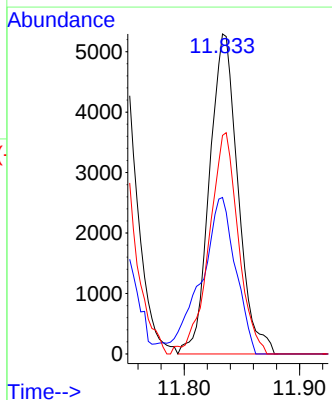
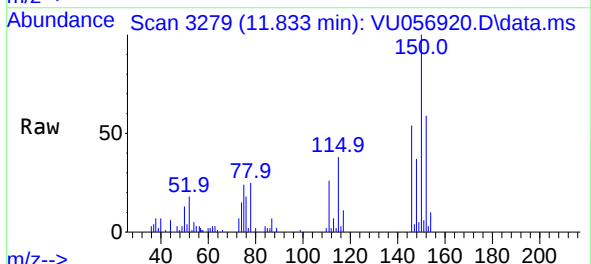


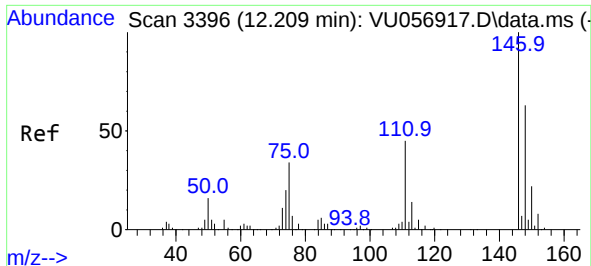
Tgt Ion:146 Resp: 9313
Ion Ratio Lower Upper
146 100
111 32.9 31.7 58.9
148 60.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 0.279 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056920.D
Acq: 16 Dec 2023 12:26

Tgt Ion:146 Resp: 9057
Ion Ratio Lower Upper
146 100
111 48.9 31.2 58.0
148 68.3 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 0.304 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056920.D

Acq: 16 Dec 2023 12:26

Instrument :

MSVOA_U

ClientSampleId :

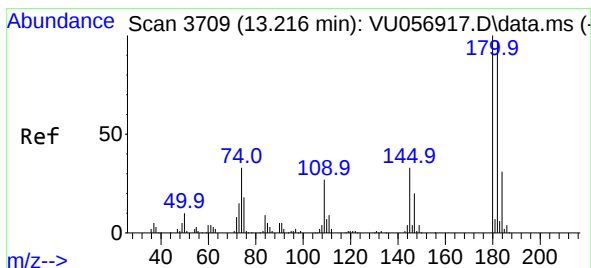
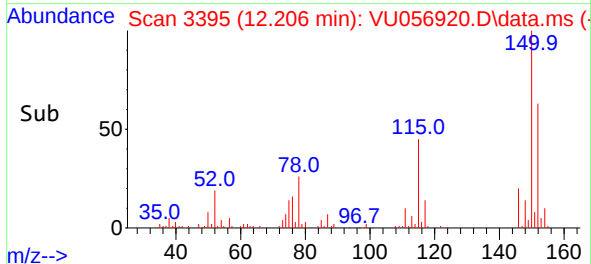
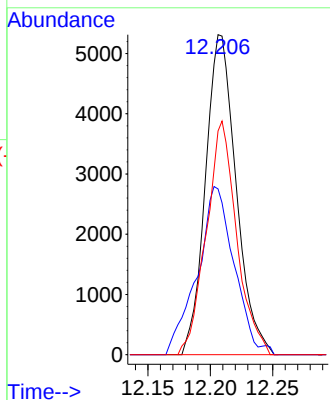
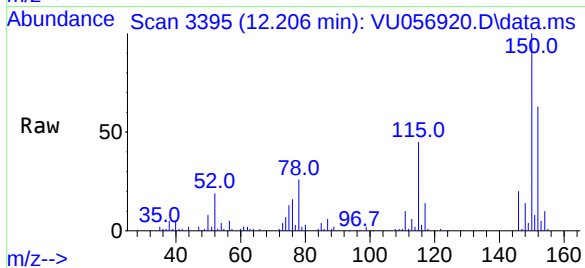
Tgt Ion:146 Resp: 9108

Ion Ratio Lower Upper

146 100

111 51.8 36.9 55.3

148 69.9 53.0 79.4



#69

1,3,5-Trichlorobenzene

Concen: 0.184 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.630 min

Lab File: VU056920.D

Acq: 16 Dec 2023 12:26

Tgt Ion:180 Resp: 4571

Ion Ratio Lower Upper

180 100

182 87.5 76.2 114.4

184 28.4 24.6 37.0

145 32.2 26.7 40.1

