

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056923.D
 Acq On : 16 Dec 2023 13:37
 Operator : MD/SY
 Sample : MDL04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 23:46:39 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	213347	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	222109	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	97536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	70535	3.857	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.907	69	58389	4.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	33409	4.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.621	46	190123	52.644	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.280%
24) Chloroform-d	5.055	84	162010	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.698	65	79961	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.721	84	299570	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.682	67	97521	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.894	98	243756	3.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.177	79	34774	4.158	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.631	63	142595	45.213	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.420%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	77098	4.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	89673	4.677	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	5599	0.250	ug/L	95
3) Chloromethane	1.515	50	10146	0.462	ug/L	92
5) Vinyl chloride	1.599	62	5929	0.272	ug/L #	63
6) Bromomethane	1.853	94	3120	0.242	ug/L	91
8) Chloroethane	1.927	64	3980	0.311	ug/L	94
9) Trichlorofluoromethane	2.132	101	8119	0.264	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	5854	0.310	ug/L	94
12) 1,1-Dichloroethene	2.576	96	5328	0.308	ug/L #	1
14) Carbon disulfide	2.788	76	13738	0.229	ug/L	96
15) Methyl Acetate	2.962	43	979	0.163	ug/L #	65
16) Methylene chloride	3.039	84	6001	0.318	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	9744	0.254	ug/L #	95
18) trans-1,2-Dichloroethene	3.348	96	4390	0.250	ug/L	81
19) 1,1-Dichloroethane	3.869	63	9481	0.281	ug/L #	95
21) 2-Butanone	4.724	43	12431	3.349	ug/L	84
22) cis-1,2-Dichloroethene	4.666	96	4483	0.235	ug/L	84
23) Bromochloromethane	4.972	128	2158	0.270	ug/L	84
27) 1,2-Dichloroethane	5.801	62	5609	0.268	ug/L #	88
29) 1,1,1-Trichloroethane	5.309	97	7784	0.242	ug/L	93

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

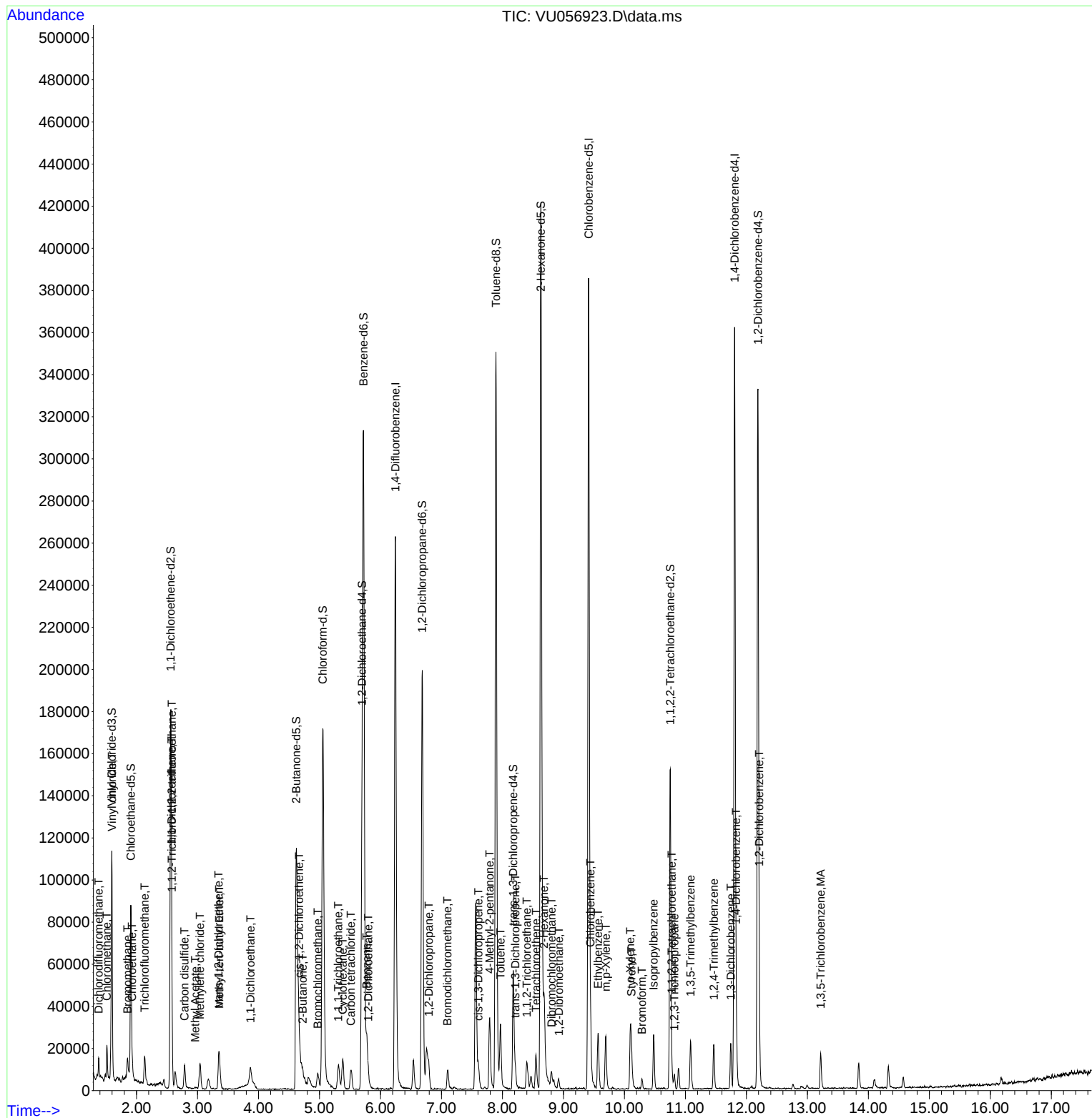
30) Cyclohexane	5.383	56	6736	0.224	ug/L	93
31) Carbon tetrachloride	5.515	117	6788	0.243	ug/L	94
33) Benzene	5.772	78	19419	0.249	ug/L	100
37) 1,2-Dichloropropane	6.791	63	5095	0.255	ug/L #	94
38) Bromodichloromethane	7.100	83	6692	0.263	ug/L	95
39) cis-1,3-Dichloropropene	7.608	75	6836	0.235	ug/L	98
40) 4-Methyl-2-pentanone	7.791	43	24269	2.560	ug/L #	88
42) Toluene	7.968	91	22434	0.278	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	7214	0.302	ug/L	89
45) 1,1,2-Trichloroethane	8.399	97	3624	0.268	ug/L	93
47) Tetrachloroethene	8.553	164	3536	0.236	ug/L	89
48) 2-Hexanone	8.682	43	23140	3.427	ug/L	98
49) Dibromochloromethane	8.804	129	3788	0.244	ug/L	85
50) 1,2-Dibromoethane	8.926	107	3276	0.261	ug/L #	84
51) Chlorobenzene	9.444	112	12833	0.249	ug/L	94
52) Ethylbenzene	9.569	91	21017	0.236	ug/L	94
53) m,p-Xylene	9.695	106	8206	0.247	ug/L	84
54) o-Xylene	10.097	106	7169	0.227	ug/L	77
55) Styrene	10.116	104	9504	0.183	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	3933	0.241	ug/L #	94
59) Bromoform	10.286	173	2473	0.311	ug/L #	88
60) Isopropylbenzene	10.479	105	16833	0.218	ug/L	97
61) 1,2,3-Trichloropropane	10.817	75	2963	0.283	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	13611	0.216	ug/L	93
63) 1,2,4-Trimethylbenzene	11.466	105	12381	0.198	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	8821	0.242	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	9570	0.267	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	10006	0.301	ug/L	95
69) 1,3,5-Trichlorobenzene	13.219	180	5795	0.210	ug/L	96

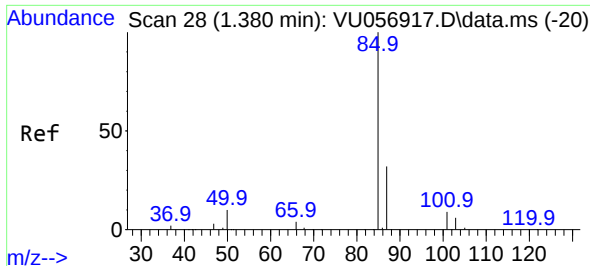
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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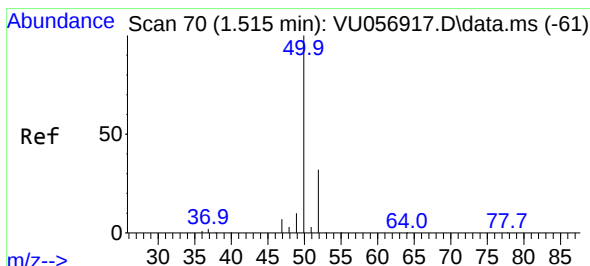
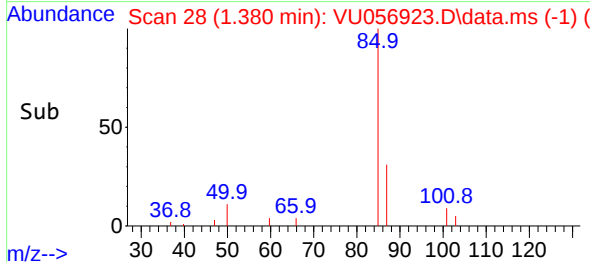
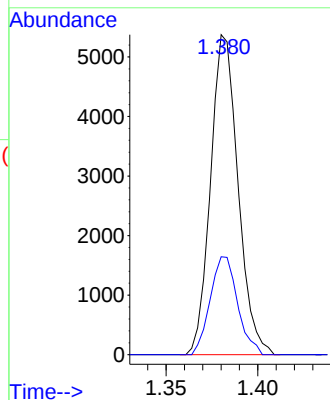
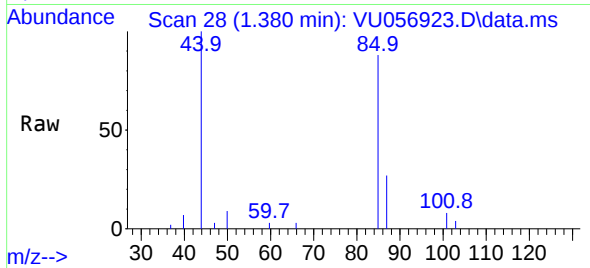




#2
Dichlorodifluoromethane
Concen: 0.250 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

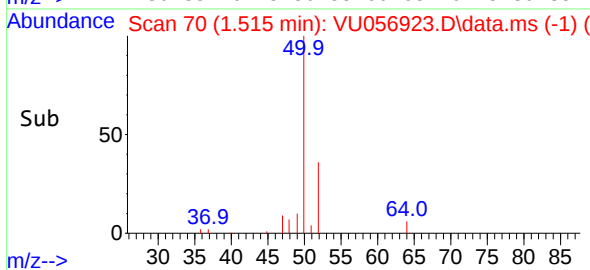
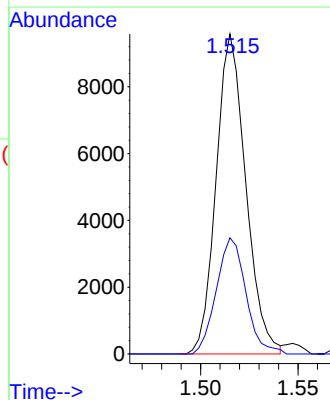
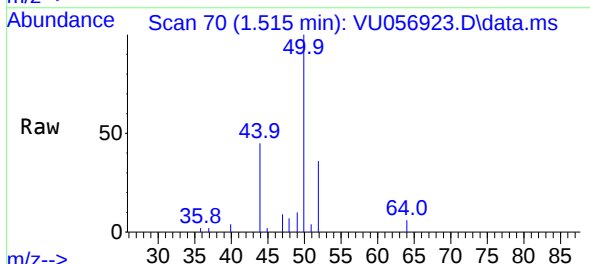
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MSVOA_U
ClientSampleId :

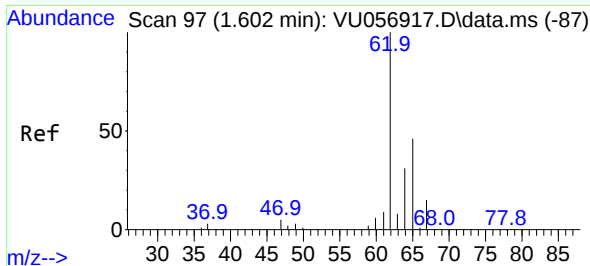
Tgt Ion: 85 Resp: 5599
Ion Ratio Lower Upper
85 100
87 30.6 26.8 40.2



#3
Chloromethane
Concen: 0.462 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion: 50 Resp: 10146
Ion Ratio Lower Upper
50 100
52 36.3 22.5 41.7

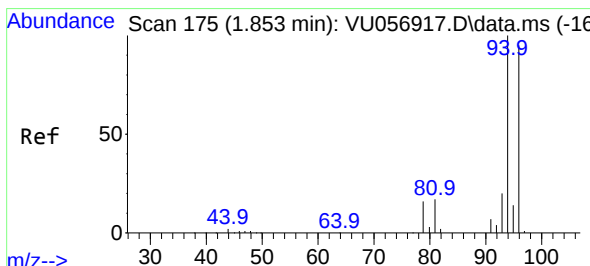
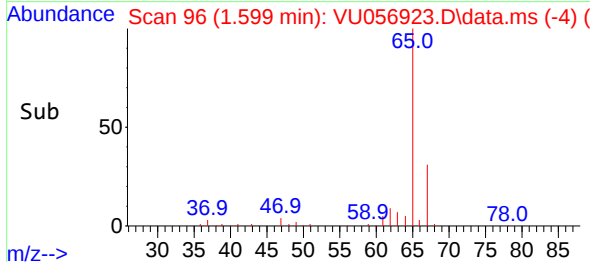
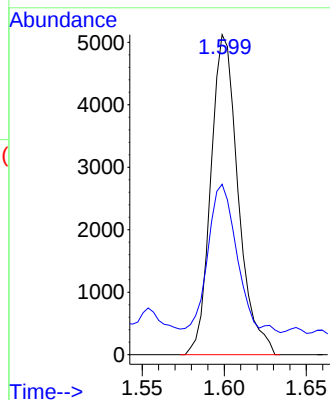
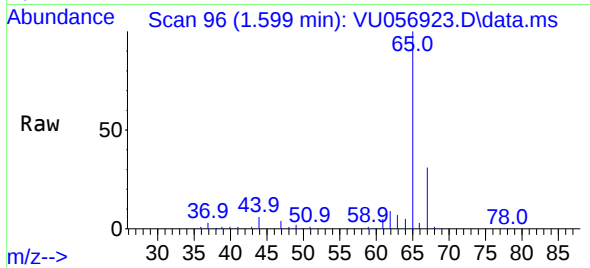




#5
Vinyl chloride
Concen: 0.272 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

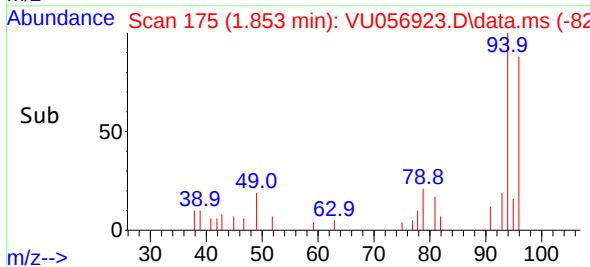
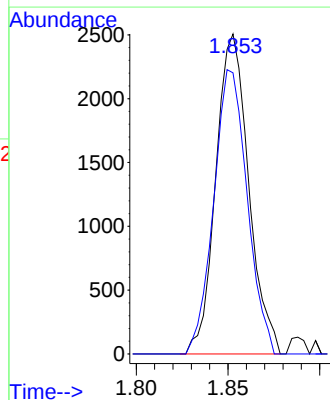
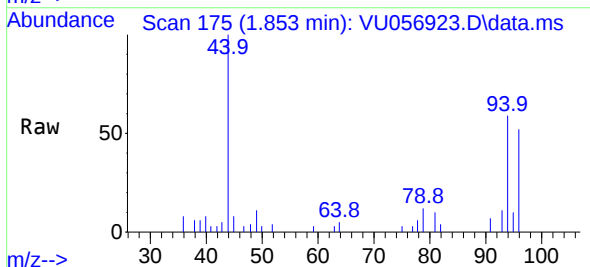
Instrument :
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ClientSampleId :

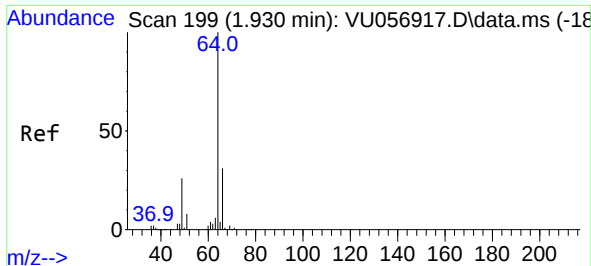
Tgt Ion: 62 Resp: 5929
Ion Ratio Lower Upper
62 100
64 53.2 22.8 42.4#



#6
Bromomethane
Concen: 0.242 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion: 94 Resp: 3120
Ion Ratio Lower Upper
94 100
96 87.9 67.8 125.8

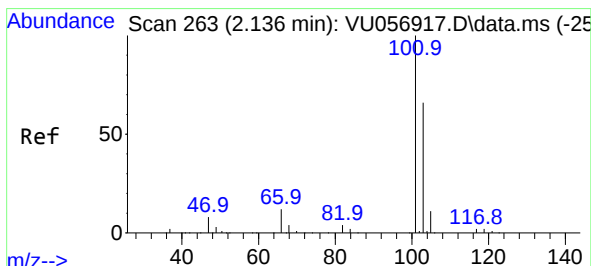
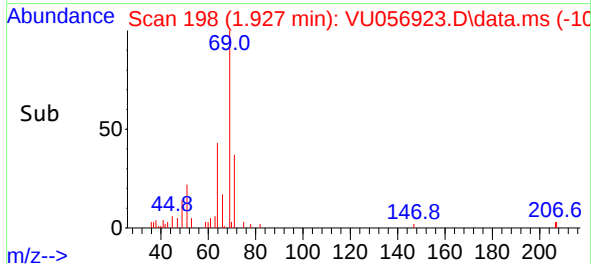
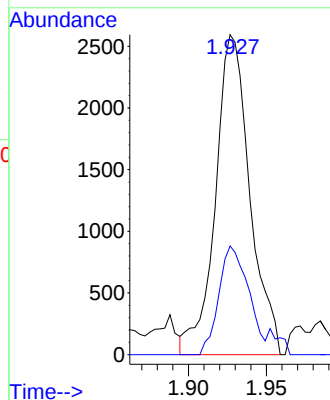
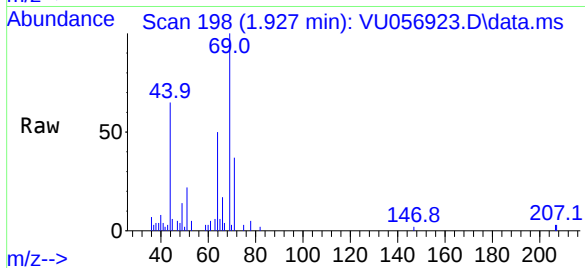




#8
Chloroethane
Concen: 0.311 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

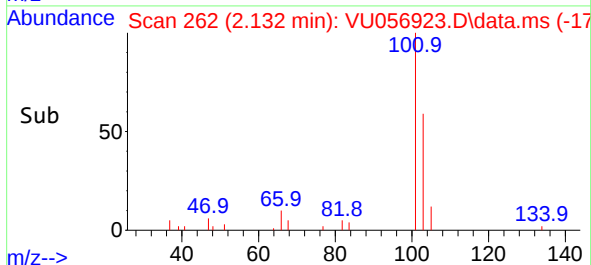
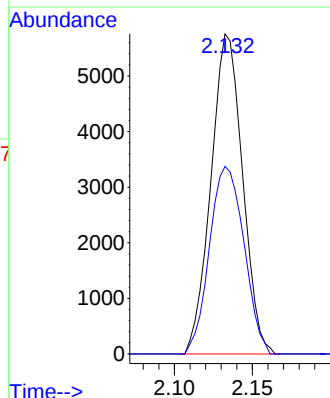
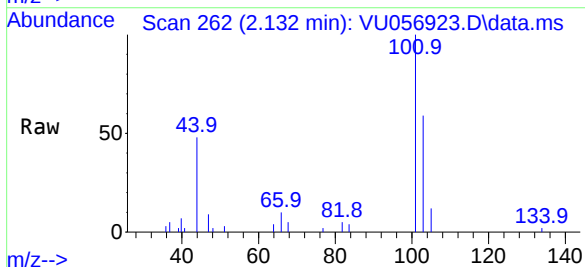
Instrument :
MSVOA_U
ClientSampleId :

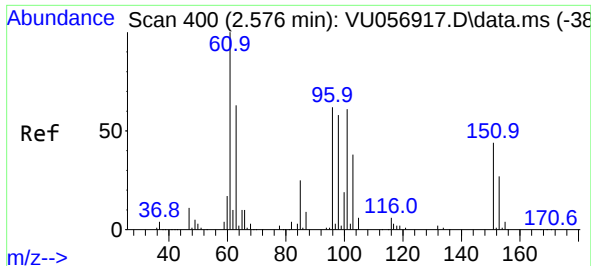
Tgt Ion: 64 Resp: 3980
Ion Ratio Lower Upper
64 100
66 33.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 0.264 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion: 101 Resp: 8119
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

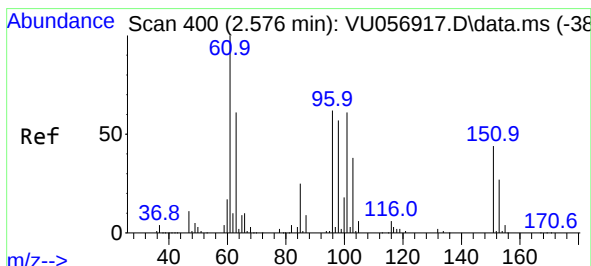
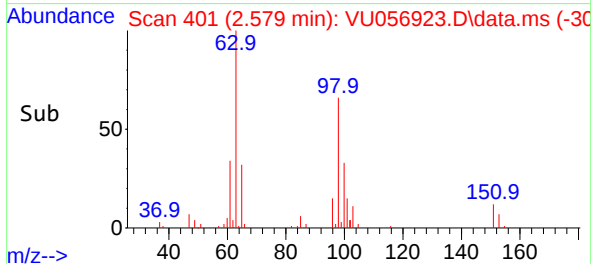
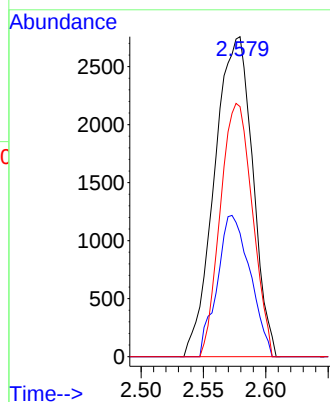
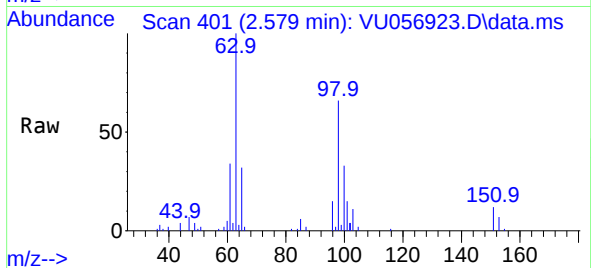




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.310 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

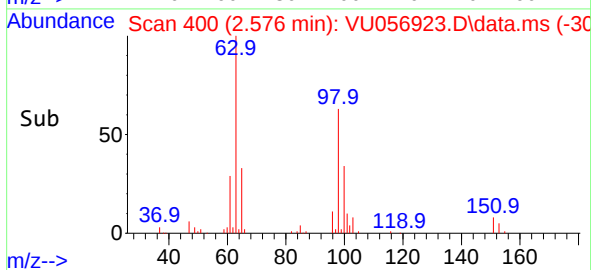
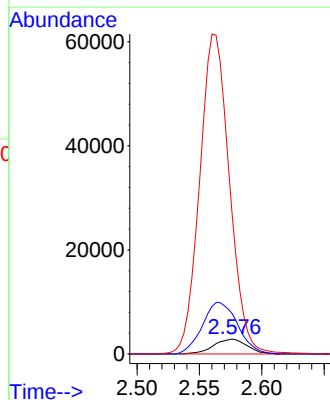
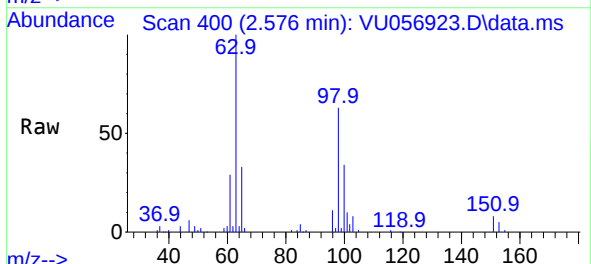
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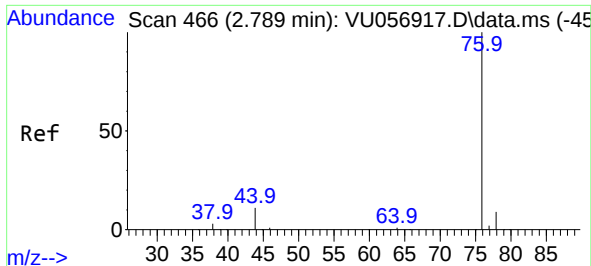
Tgt Ion:101 Resp: 5854
Ion Ratio Lower Upper
101 100
85 38.1 35.2 52.8
151 66.7 56.0 84.0



#12
1,1-Dichloroethene
Concen: 0.308 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056923.D
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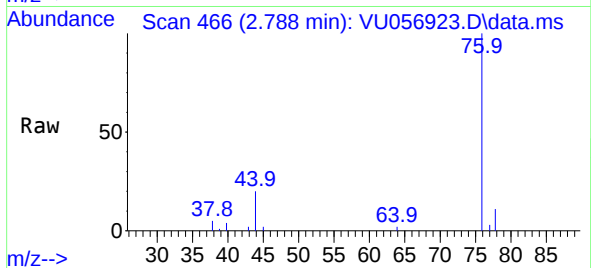
Tgt Ion: 96 Resp: 5328
Ion Ratio Lower Upper
96 100
61 273.3 119.0 221.0#
63 949.3 88.7 164.7#



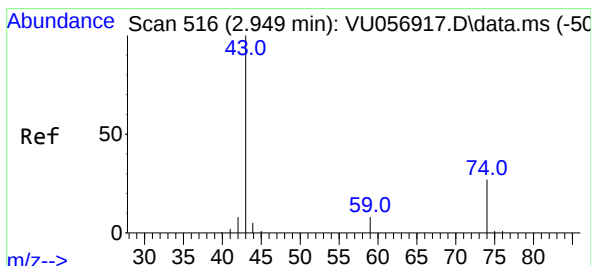
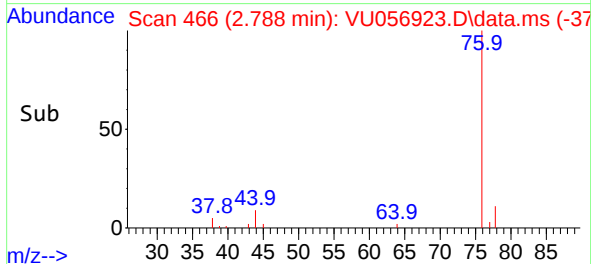
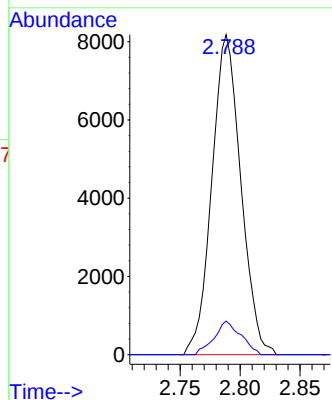


#14
Carbon disulfide
Concen: 0.229 ug/L
RT: 2.788 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

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ClientSampleId :

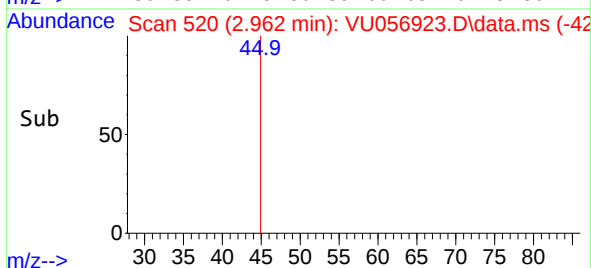
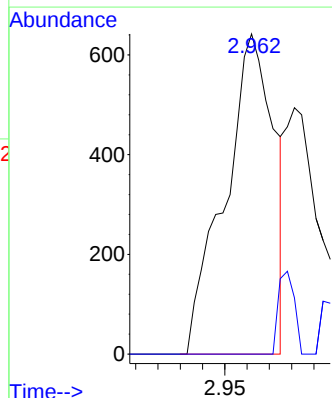
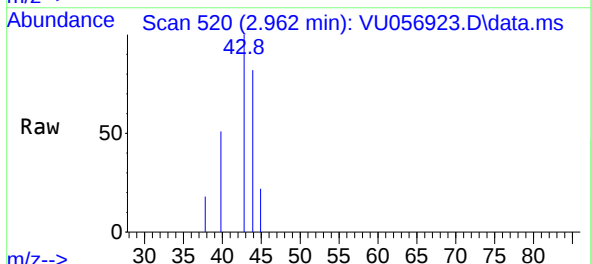


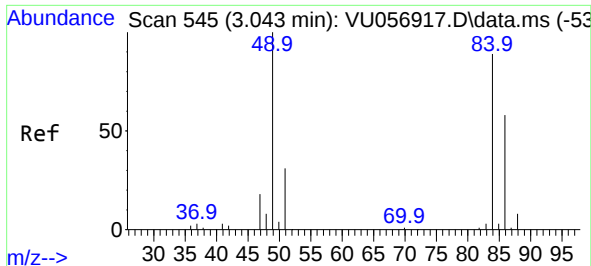
Tgt Ion: 76 Resp: 13738
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9



#15
Methyl Acetate
Concen: 0.163 ug/L
RT: 2.962 min Scan# 520
Delta R.T. 0.016 min
Lab File: VU056923.D
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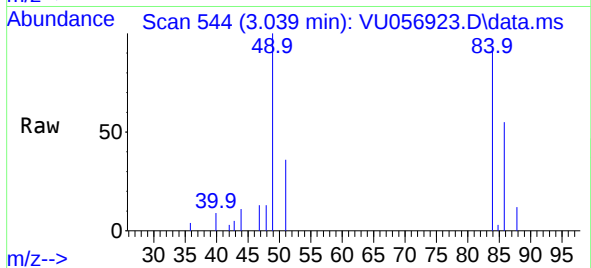
Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
74 8.5 21.0 31.6#



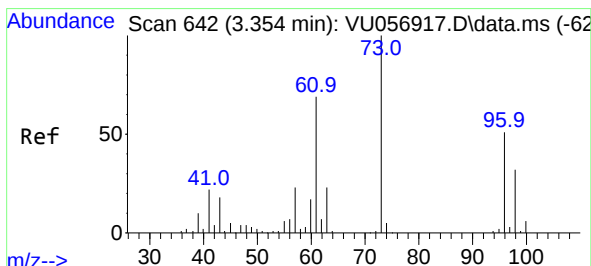
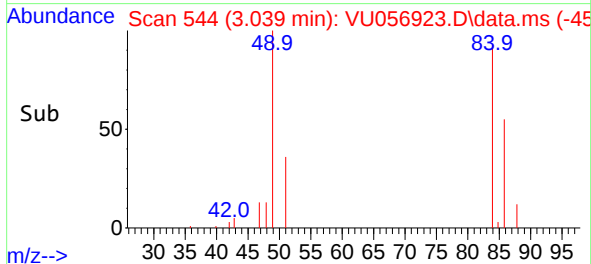
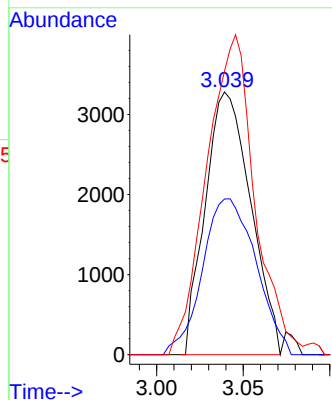


#16
Methylene chloride
Concen: 0.318 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Instrument :
MSVOA_U
ClientSampleId :

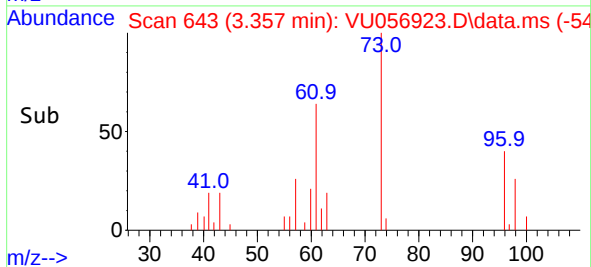
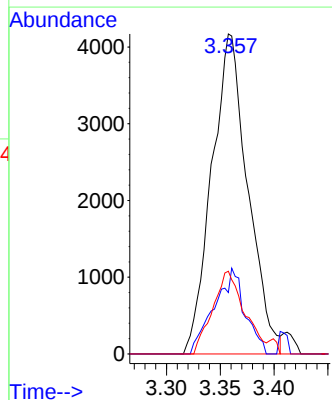
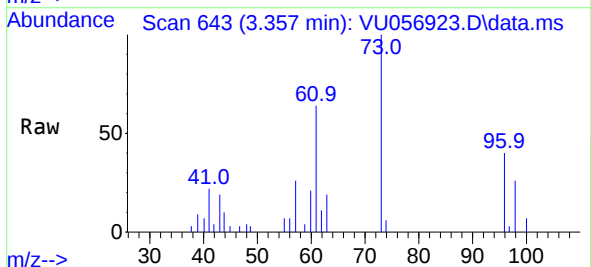


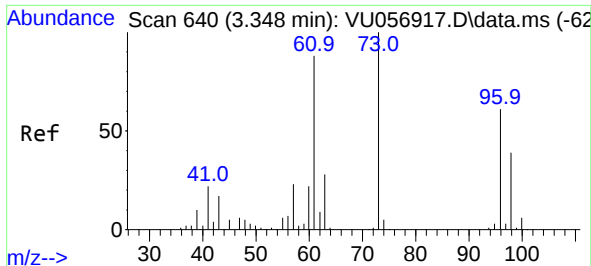
Tgt Ion: 84 Resp: 6001
Ion Ratio Lower Upper
84 100
86 59.3 43.6 81.0
49 107.9 80.6 149.6



#17
Methyl tert-butyl Ether
Concen: 0.254 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

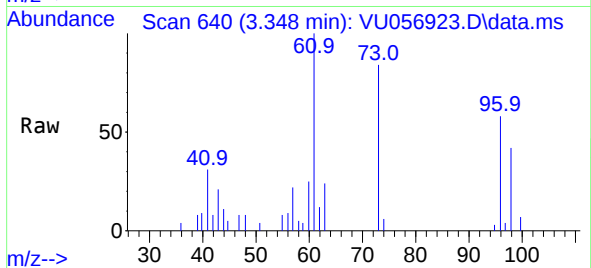
Tgt Ion: 73 Resp: 9744
Ion Ratio Lower Upper
73 100
43 22.7 14.4 21.6#
57 22.8 17.8 26.8





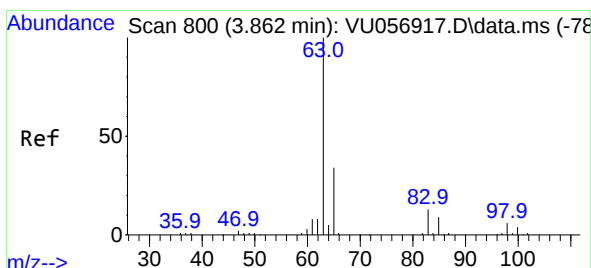
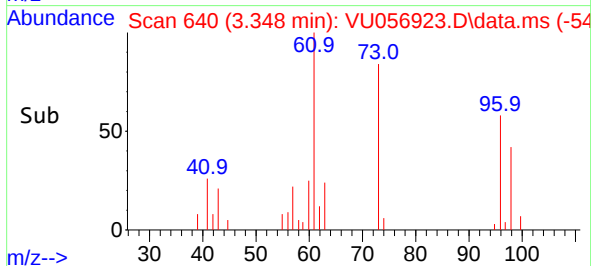
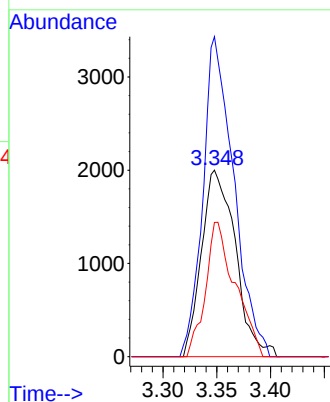
#18
trans-1,2-Dichloroethene
Concen: 0.250 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 4390

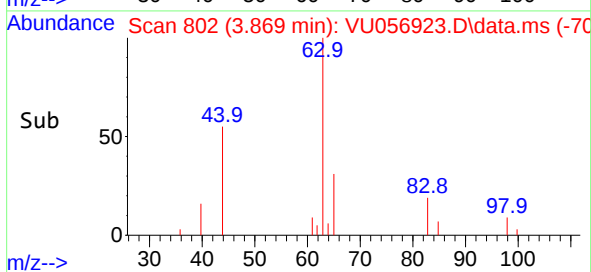
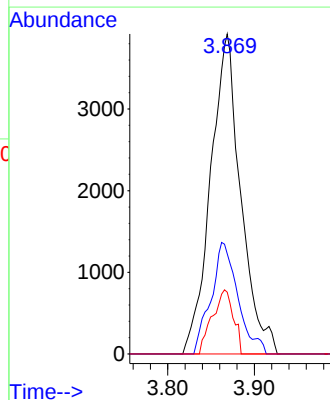
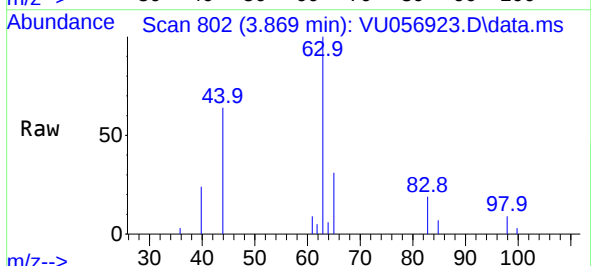
Ion	Ratio	Lower	Upper
96	100		
61	171.5	101.8	189.0
98	72.0	43.0	79.8

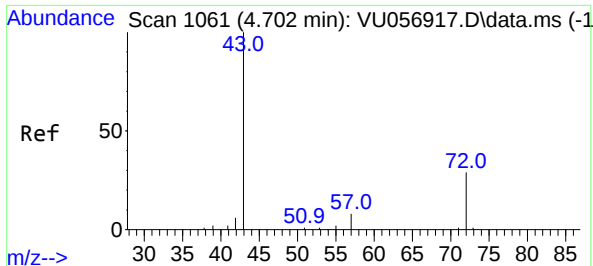


#19
1,1-Dichloroethane
Concen: 0.281 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.006 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion: 63 Resp: 9481

Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.9	42.5
83	19.3	10.1	18.9

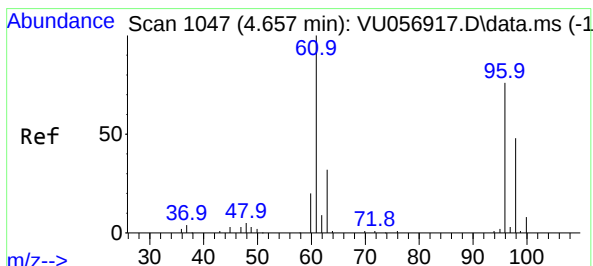
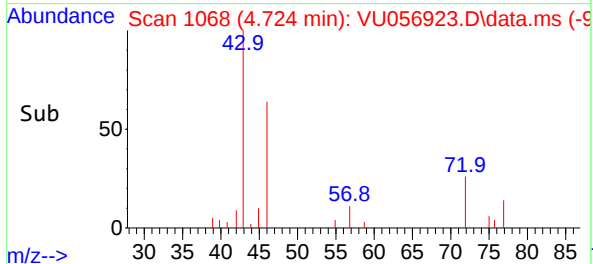
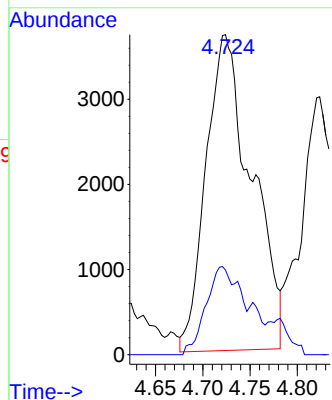
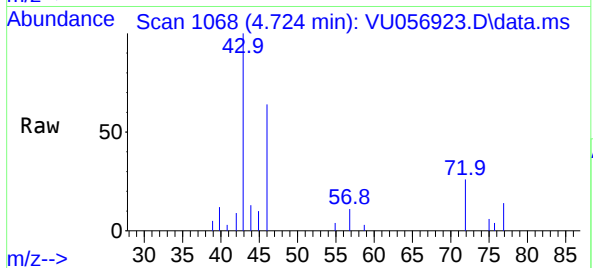




#21
2-Butanone
Concen: 3.349 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.026 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

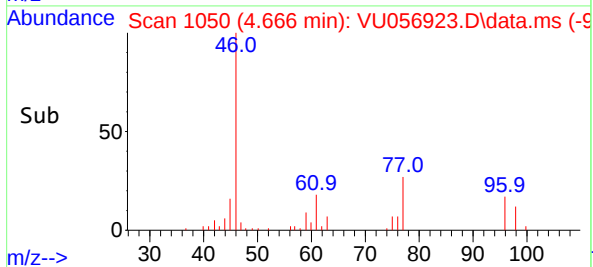
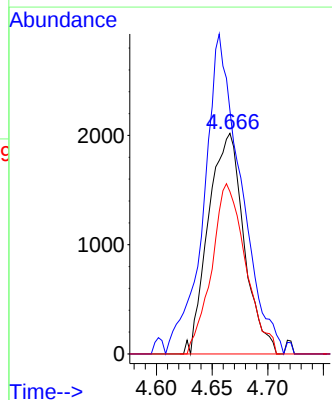
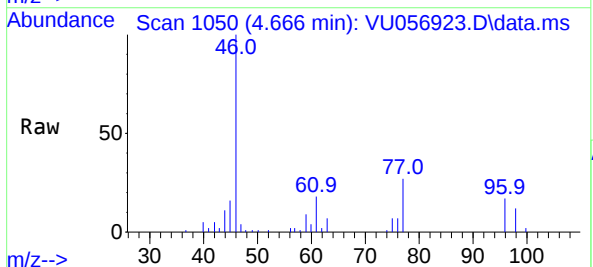
Instrument :
MSVOA_U
ClientSampleId :

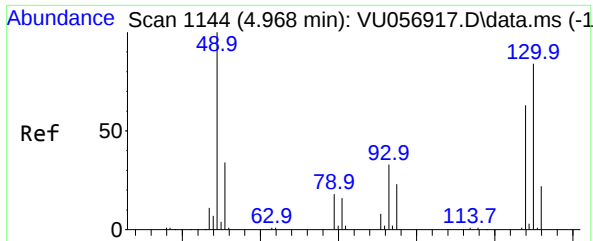
Tgt Ion: 43 Resp: 12431
Ion Ratio Lower Upper
43 100
72 20.5 14.6 43.8



#22
cis-1,2-Dichloroethene
Concen: 0.235 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

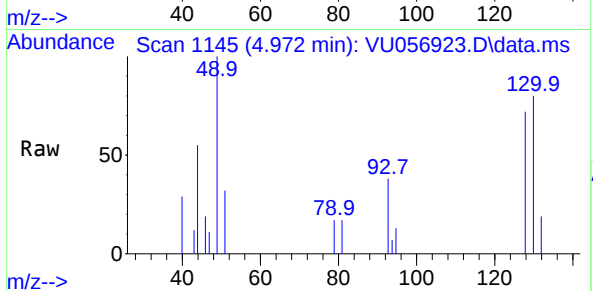
Tgt Ion: 96 Resp: 4483
Ion Ratio Lower Upper
96 100
61 110.4 91.3 169.6
98 73.6 44.2 82.0



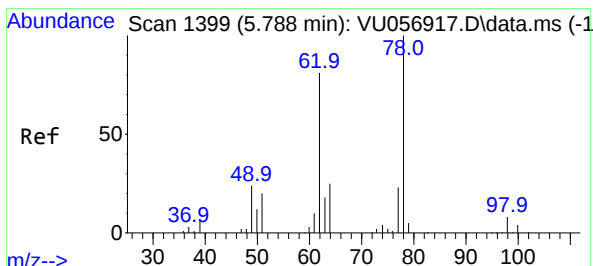
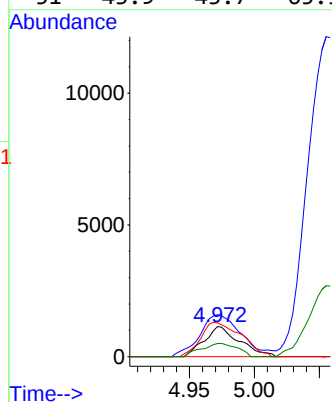
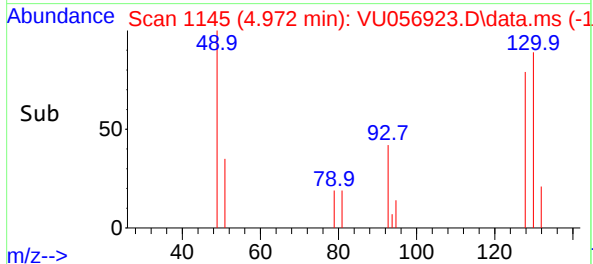


#23
Bromochloromethane
Concen: 0.270 ug/L
RT: 4.972 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Instrument :
MSVOA_U
ClientSampleId :

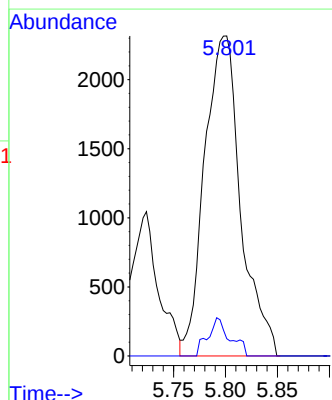
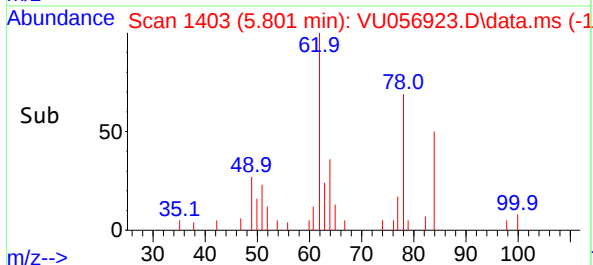
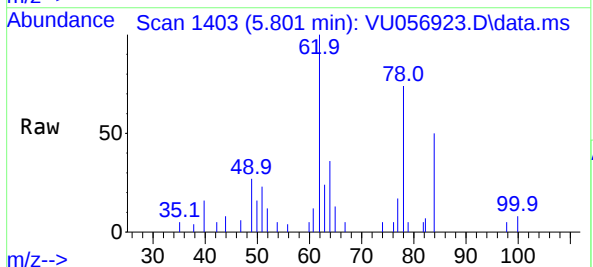


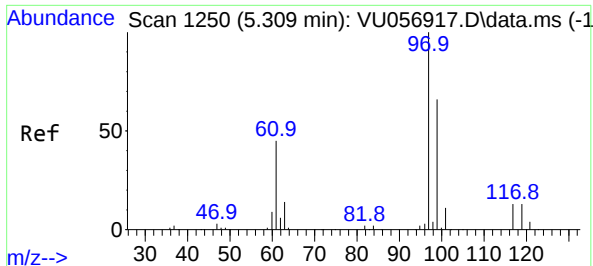
Tgt Ion:128 Resp: 2158
Ion Ratio Lower Upper
128 100
49 139.5 113.8 211.3
130 112.2 90.6 168.3
51 43.9 43.7 65.5



#27
1,2-Dichloroethane
Concen: 0.268 ug/L
RT: 5.801 min Scan# 1403
Delta R.T. 0.013 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion: 62 Resp: 5609
Ion Ratio Lower Upper
62 100
98 5.4 7.8 11.6#

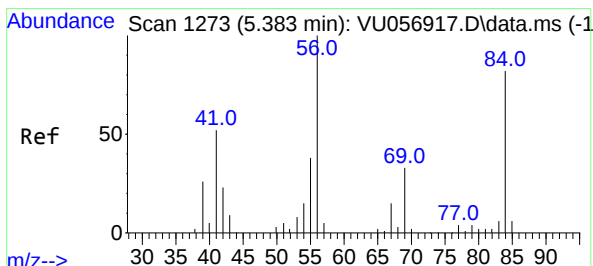
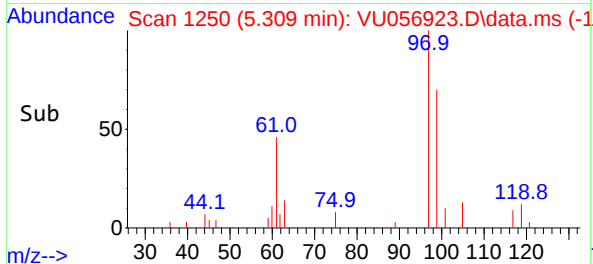
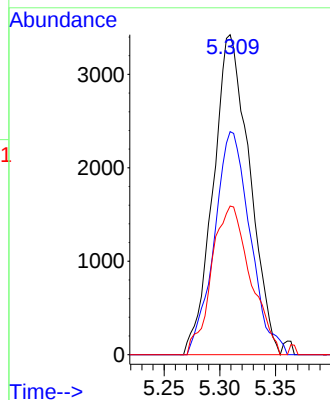
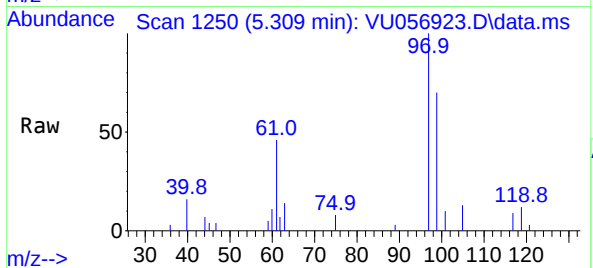




#29
1,1,1-Trichloroethane
Concen: 0.242 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

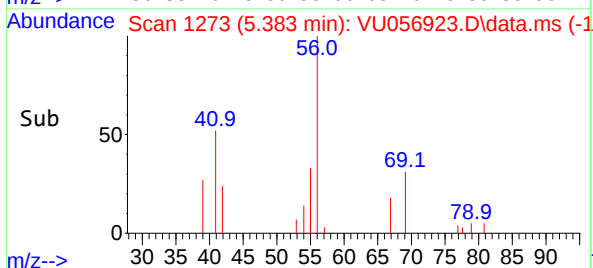
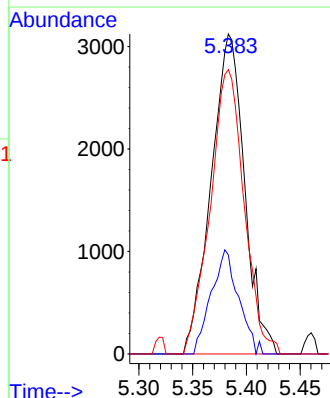
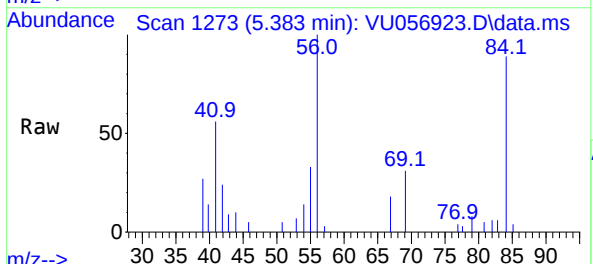
Instrument :
MSVOA_U
ClientSampleId :

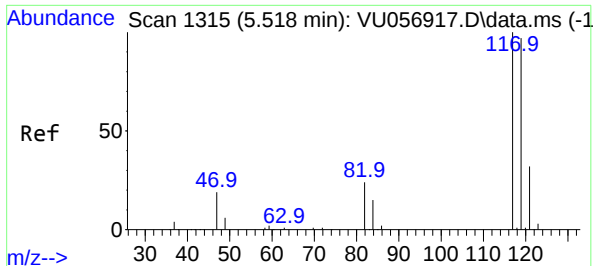
Tgt Ion:	97	Resp:	7784
Ion	Ratio	Lower	Upper
97	100		
99	68.6	52.5	78.7
61	49.6	34.2	51.2



#30
Cyclohexane
Concen: 0.224 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion:	56	Resp:	6736
Ion	Ratio	Lower	Upper
56	100		
69	26.8	24.9	37.3
84	90.2	67.6	101.4

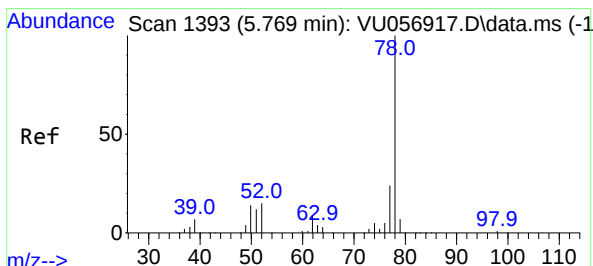
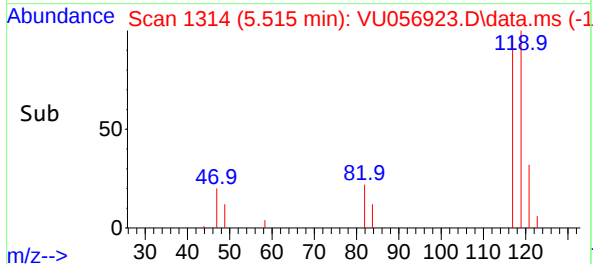
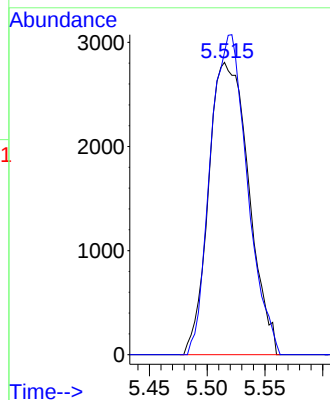
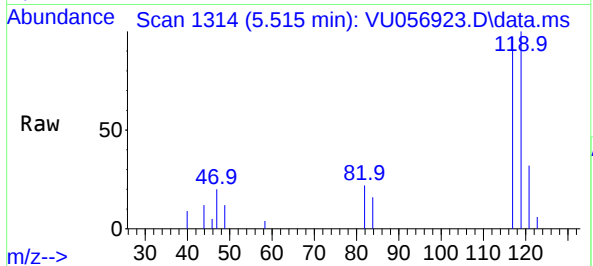




#31
Carbon tetrachloride
Concen: 0.243 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

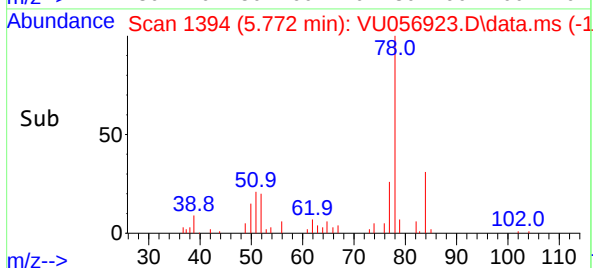
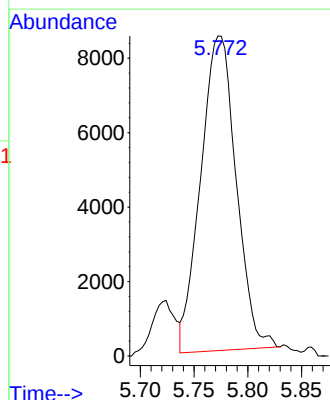
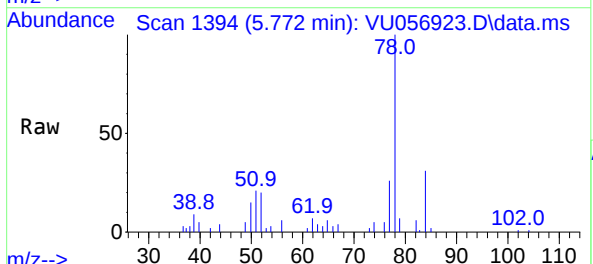
Instrument :
MSVOA_U
ClientSampleId :

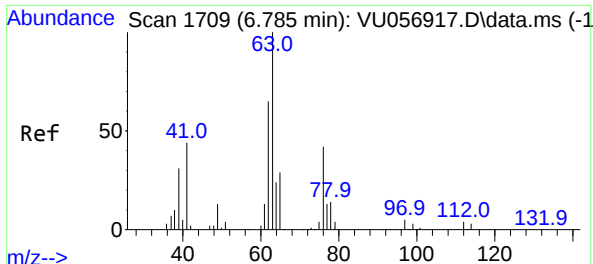
Tgt Ion:117 Resp: 6788
Ion Ratio Lower Upper
117 100
119 100.7 76.2 114.4



#33
Benzene
Concen: 0.249 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion: 78 Resp: 19419

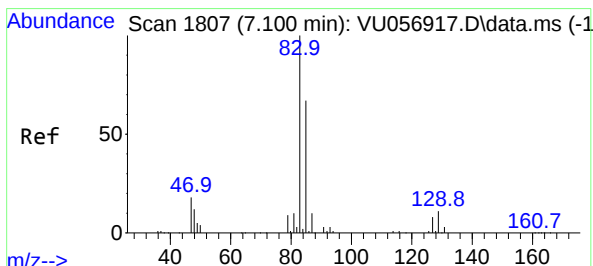
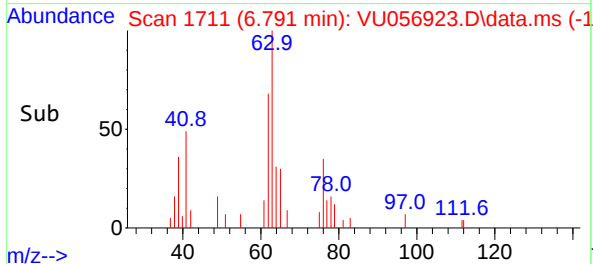
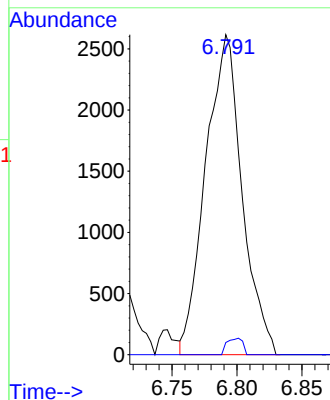
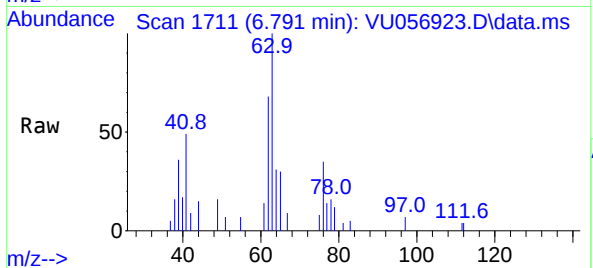




#37
1,2-Dichloropropane
Concen: 0.255 ug/L
RT: 6.791 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

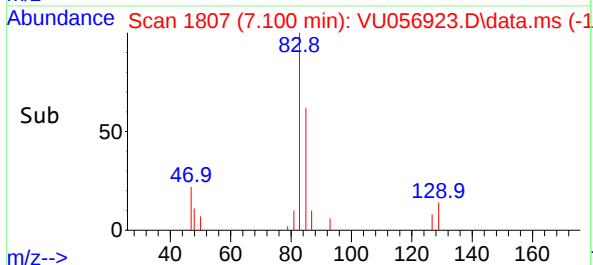
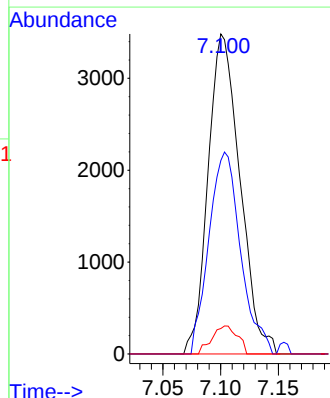
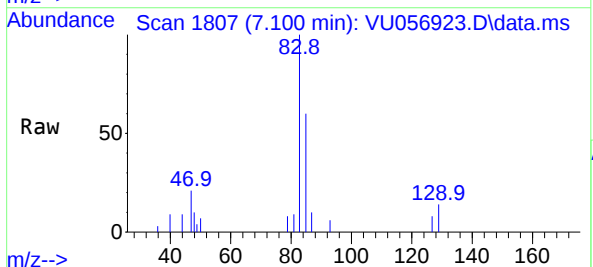
Instrument :
MSVOA_U
ClientSampleId :

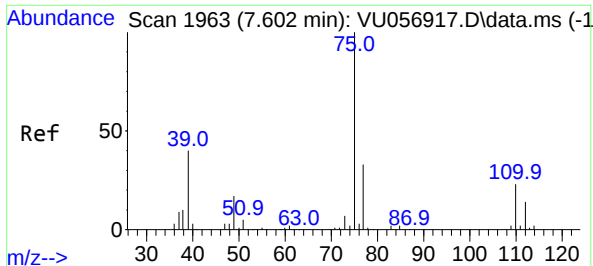
Tgt Ion: 63 Resp: 5095
Ion Ratio Lower Upper
63 100
112 2.2 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.263 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion: 83 Resp: 6692
Ion Ratio Lower Upper
83 100
85 60.5 45.0 83.6
127 8.0 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 0.235 ug/L

RT: 7.608 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU056923.D

Acq: 16 Dec 2023 13:37

Instrument :

MSVOA_U

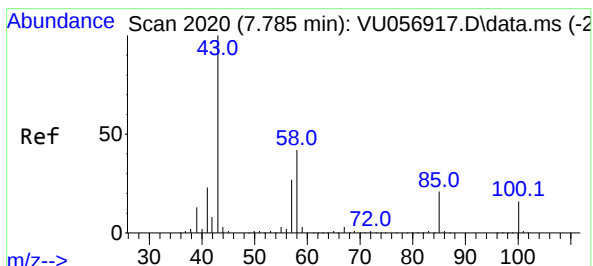
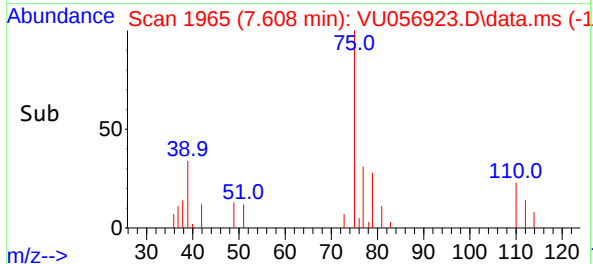
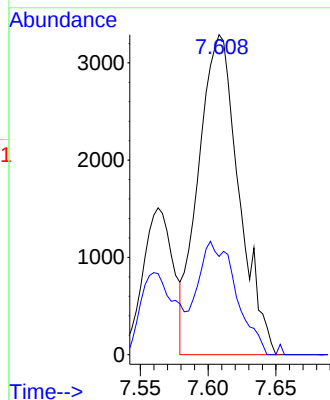
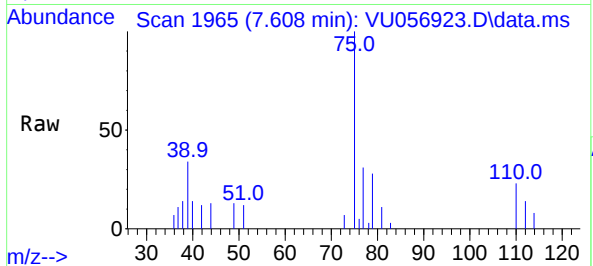
ClientSampleId :

Tgt Ion: 75 Resp: 6836

Ion Ratio Lower Upper

75 100

77 30.7 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 2.560 ug/L

RT: 7.791 min Scan# 2022

Delta R.T. 0.006 min

Lab File: VU056923.D

Acq: 16 Dec 2023 13:37

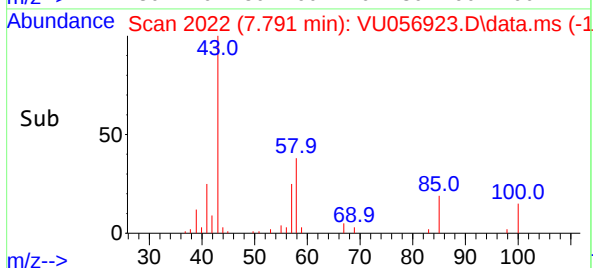
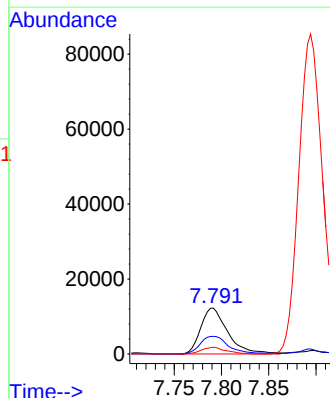
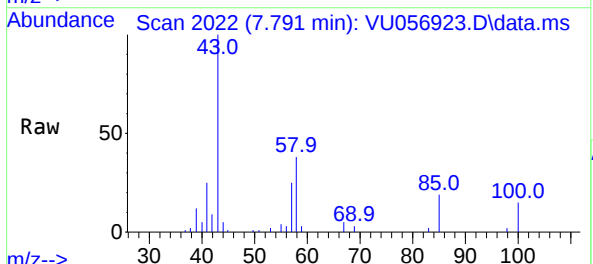
Tgt Ion: 43 Resp: 24269

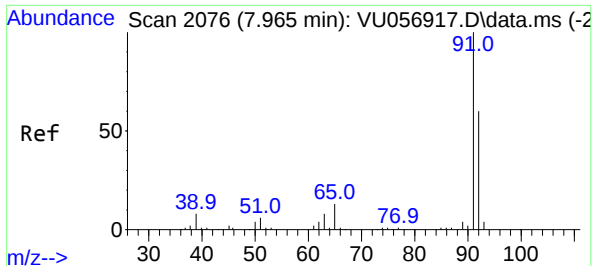
Ion Ratio Lower Upper

43 100

58 40.7 33.7 50.5

100 0.0 13.0 19.4#





#42

Toluene

Concen: 0.278 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056923.D

Acq: 16 Dec 2023 13:37

Instrument :

MSVOA_U

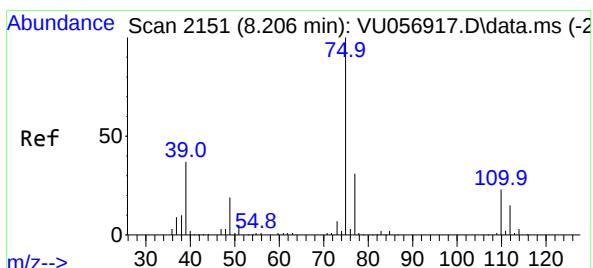
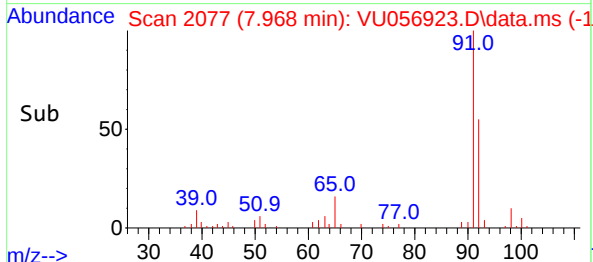
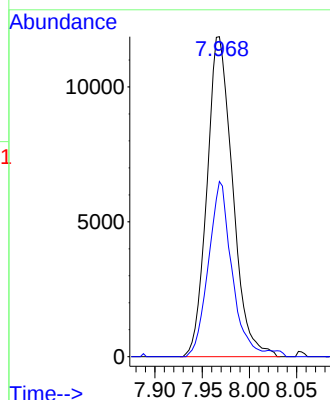
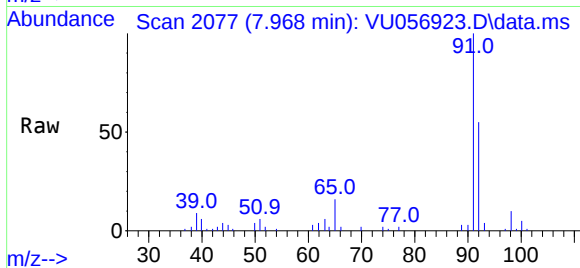
ClientSampleId :

Tgt Ion: 91 Resp: 22434

Ion Ratio Lower Upper

91 100

92 54.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.302 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU056923.D

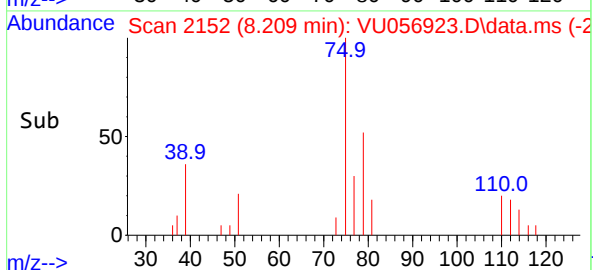
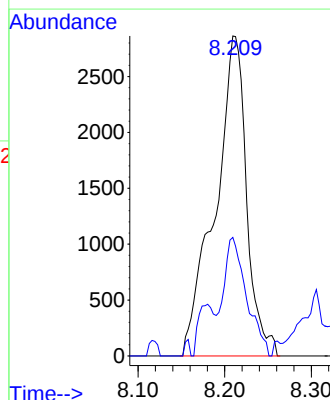
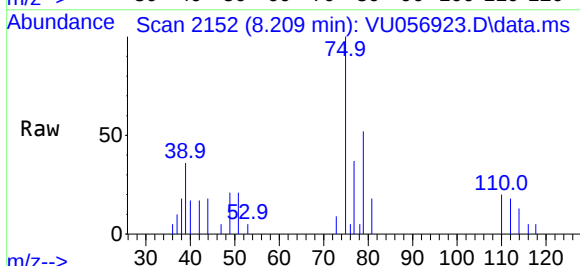
Acq: 16 Dec 2023 13:37

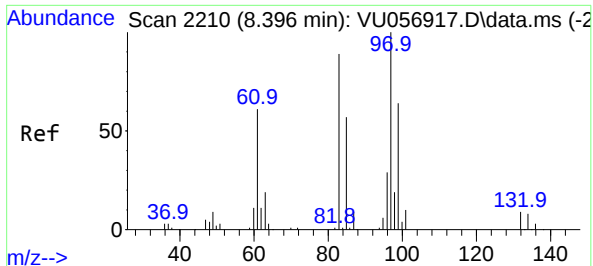
Tgt Ion: 75 Resp: 7214

Ion Ratio Lower Upper

75 100

77 37.1 21.8 40.4



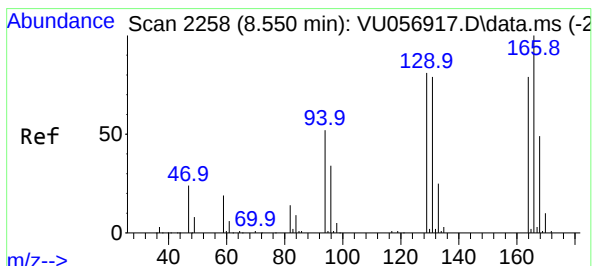
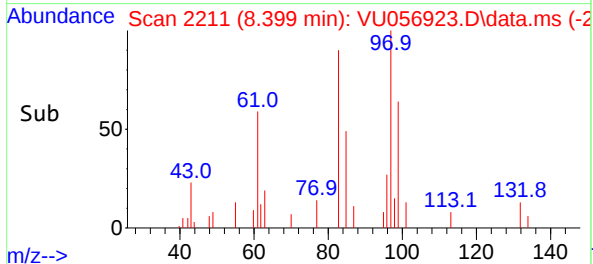
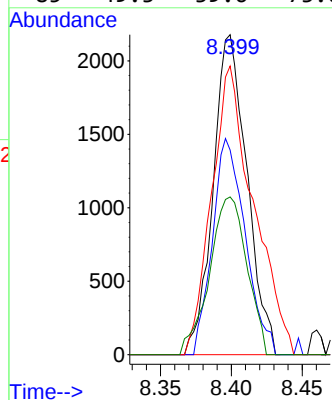
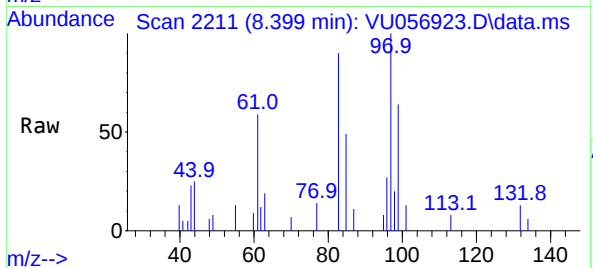


#45
1,1,2-Trichloroethane
Concen: 0.268 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 3624

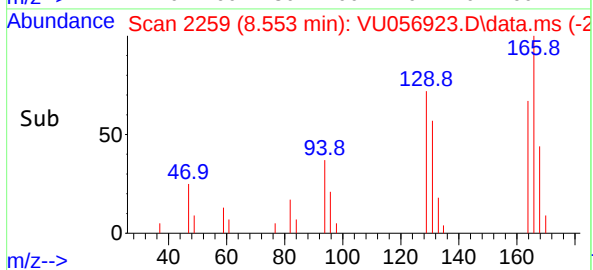
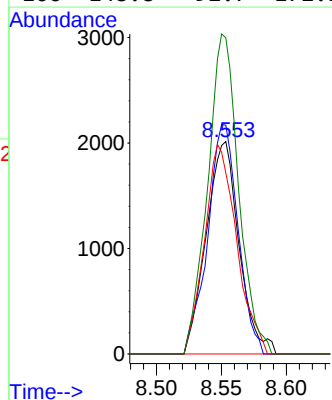
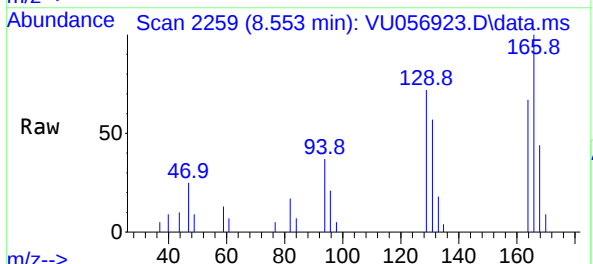
Ion	Ratio	Lower	Upper
97	100		
99	64.0	41.9	77.9
83	90.2	59.1	109.7
85	49.3	39.6	73.6

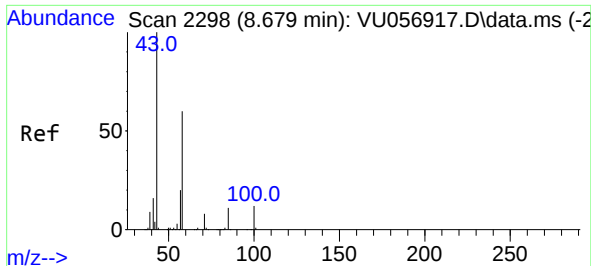


#47
Tetrachloroethene
Concen: 0.236 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion: 164 Resp: 3536

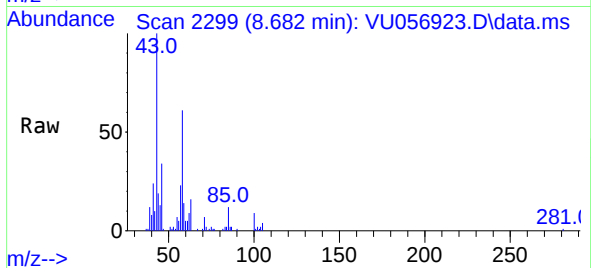
Ion	Ratio	Lower	Upper
164	100		
129	107.7	73.4	136.4
131	85.3	71.5	132.9
166	148.8	92.7	172.1



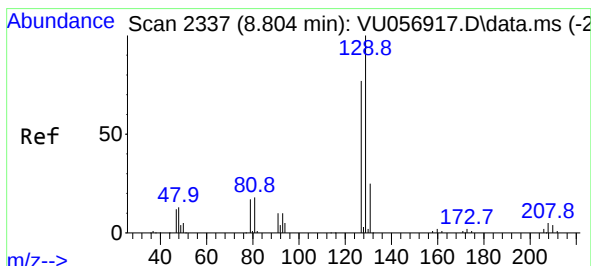
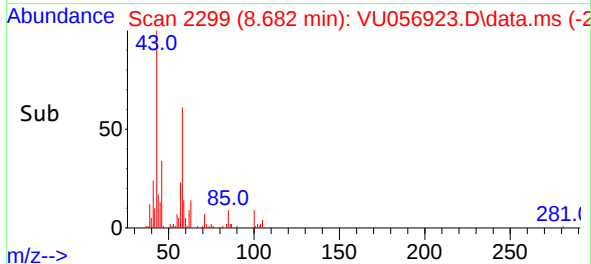
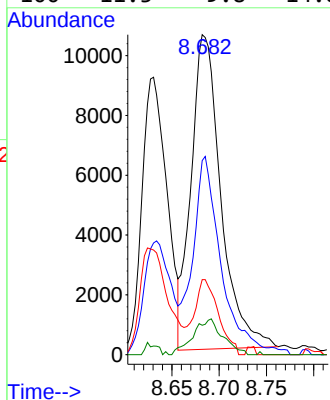


#48
2-Hexanone
Concen: 3.427 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Instrument :
MSVOA_U
ClientSampleId :

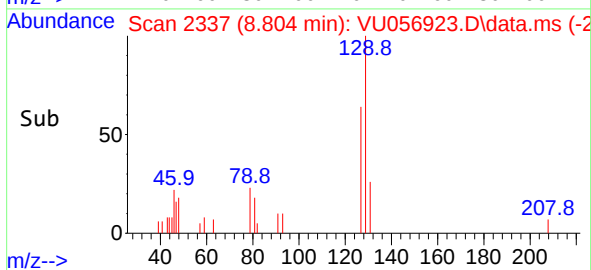
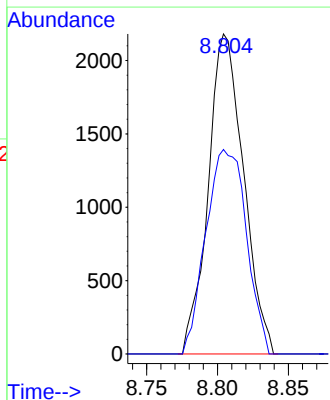
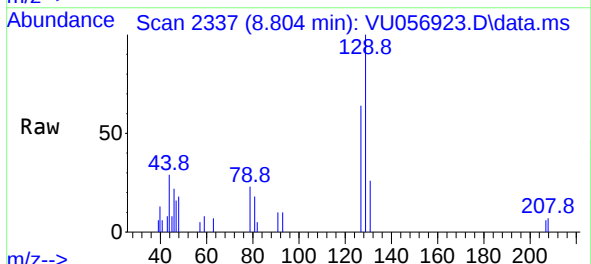


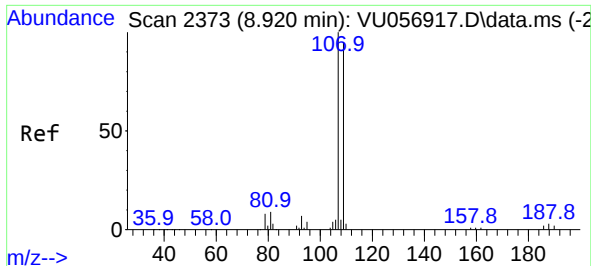
Tgt Ion: 43 Resp: 23140
Ion Ratio Lower Upper
43 100
58 60.6 47.5 71.3
57 19.6 17.0 25.4
100 11.3 9.8 14.8



#49
Dibromochloromethane
Concen: 0.244 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

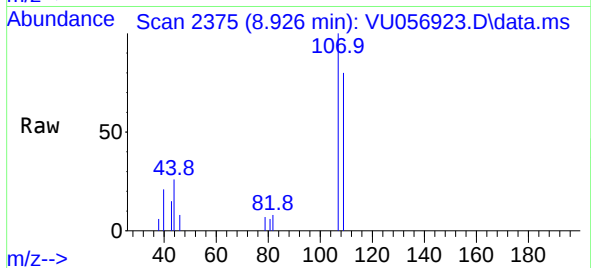
Tgt Ion: 129 Resp: 3788
Ion Ratio Lower Upper
129 100
127 63.9 53.9 100.1



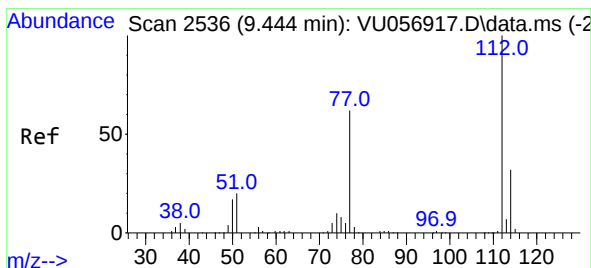
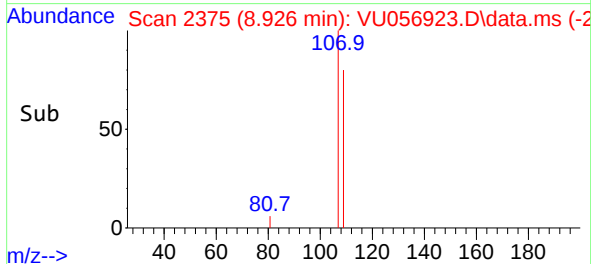
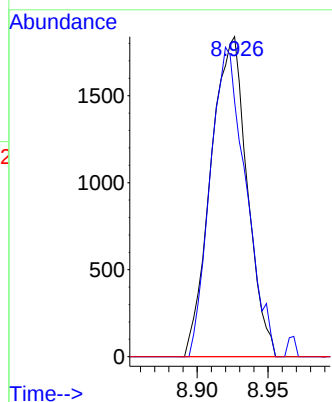


#50
1,2-Dibromoethane
Concen: 0.261 ug/L
RT: 8.926 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Instrument :
MSVOA_U
ClientSampleId :

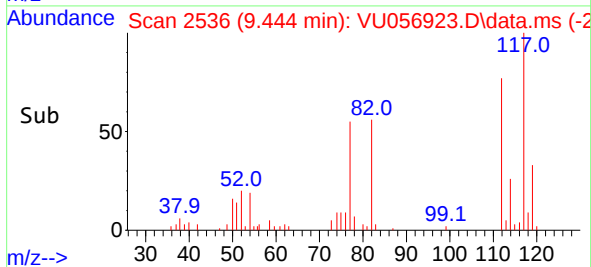
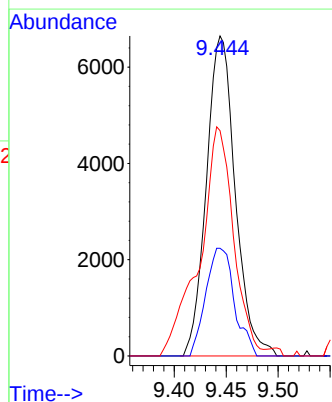
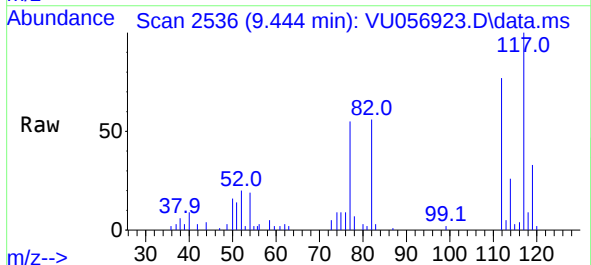


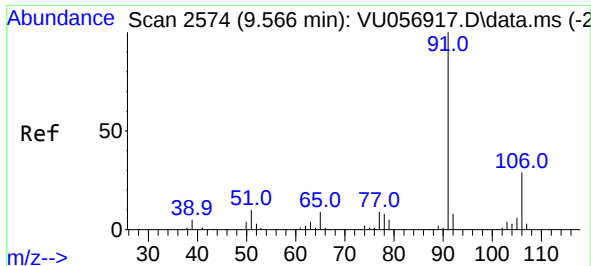
Tgt Ion:107 Resp: 3276
Ion Ratio Lower Upper
107 100
109 79.7 66.5 123.5
188 0.0 2.9 4.3#



#51
Chlorobenzene
Concen: 0.249 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion:112 Resp: 12833
Ion Ratio Lower Upper
112 100
114 33.7 21.9 40.7
77 70.4 51.6 77.4

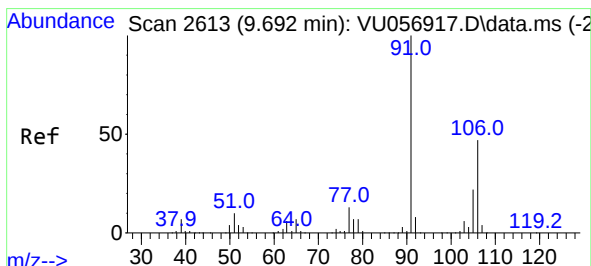
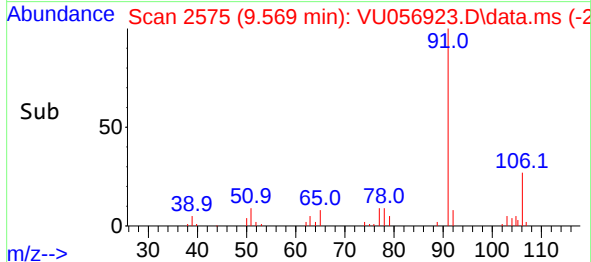
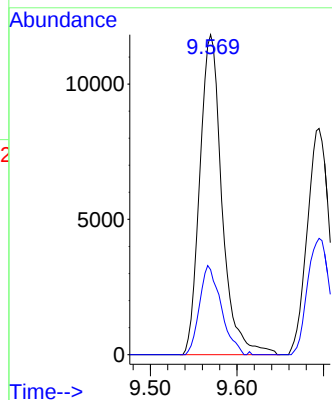
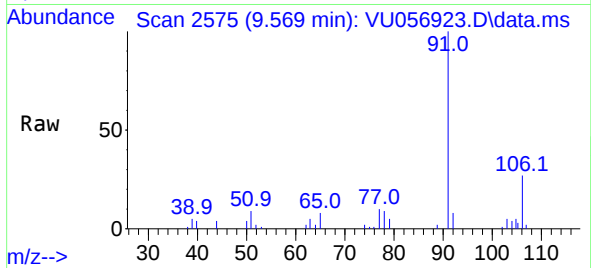




#52
Ethylbenzene
Concen: 0.236 ug/L
RT: 9.569 min Scan# 21017
Delta R.T. 0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

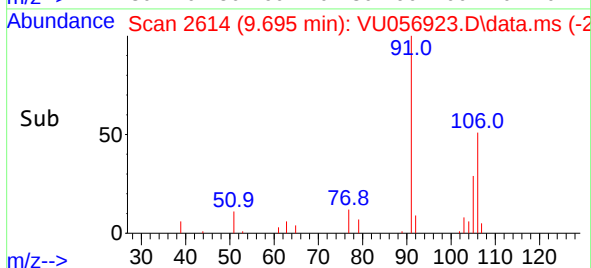
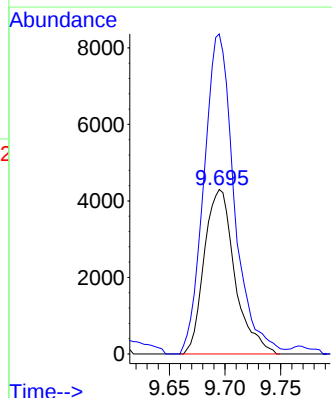
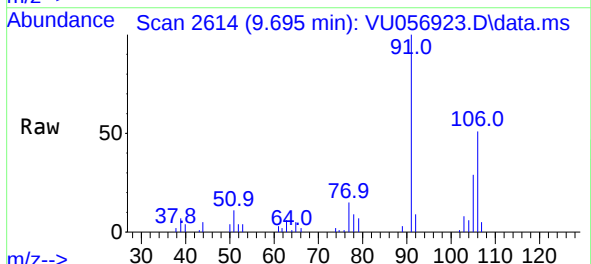
Instrument :
MSVOA_U
ClientSampleId :

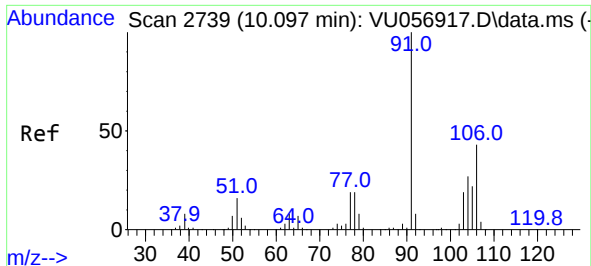
Tgt Ion: 91 Resp: 21017
Ion Ratio Lower Upper
91 100
106 26.5 20.6 38.4



#53
m,p-Xylene
Concen: 0.247 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion: 106 Resp: 8206
Ion Ratio Lower Upper
106 100
91 194.6 154.0 286.0

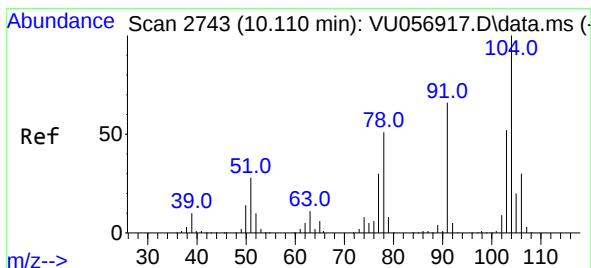
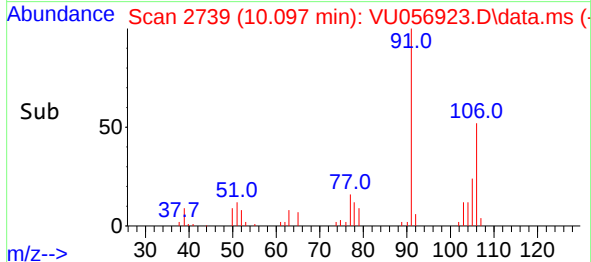
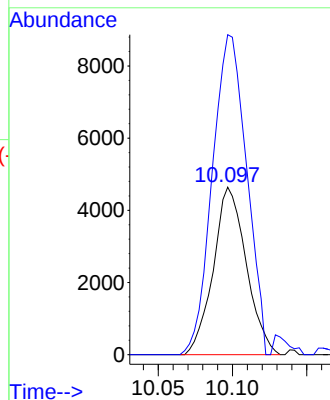
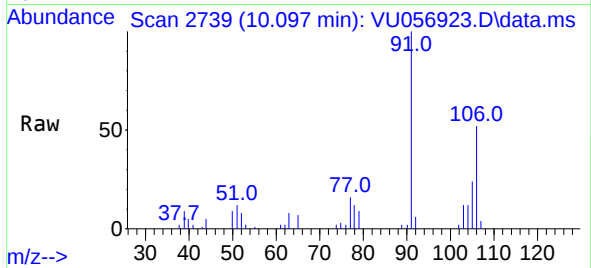




#54
o-Xylene
Concen: 0.227 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

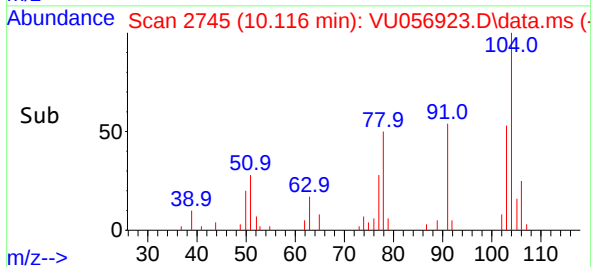
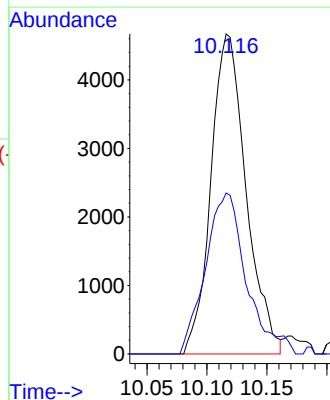
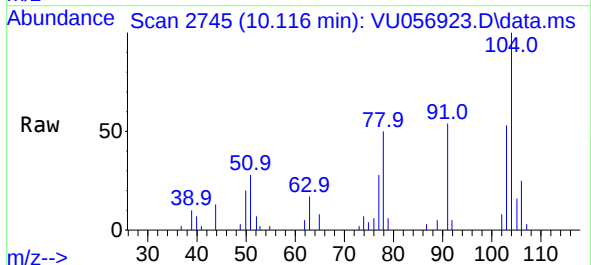
Instrument :
MSVOA_U
ClientSampleId :

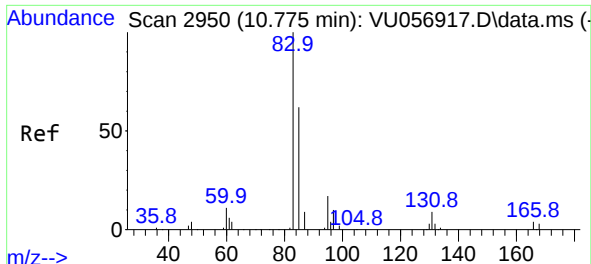
Tgt Ion:106 Resp: 7169
Ion Ratio Lower Upper
106 100
91 191.1 160.2 297.6



#55
Styrene
Concen: 0.183 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion:104 Resp: 9504
Ion Ratio Lower Upper
104 100
78 50.3 35.6 66.2

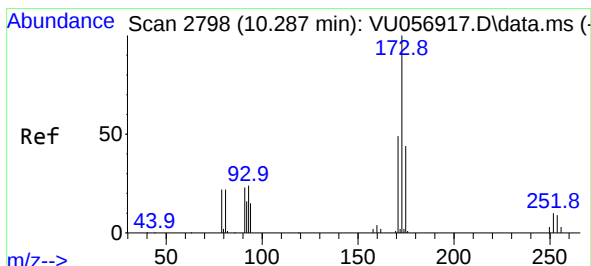
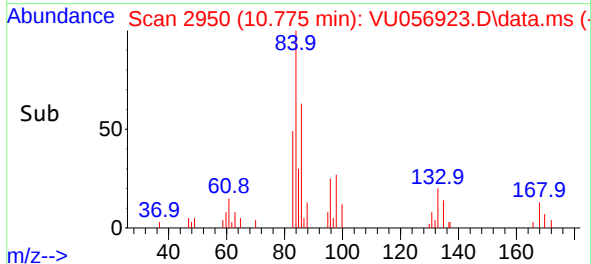
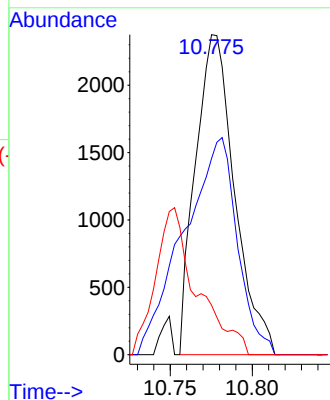
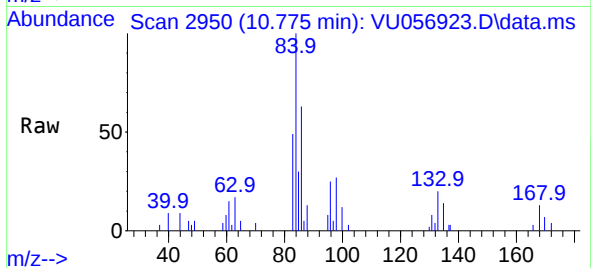




#57
1,1,2,2-Tetrachloroethane
Concen: 0.241 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

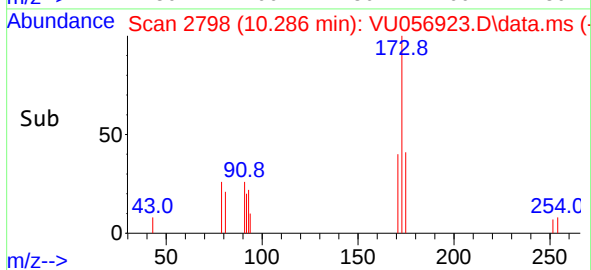
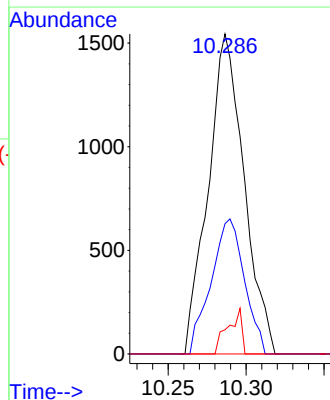
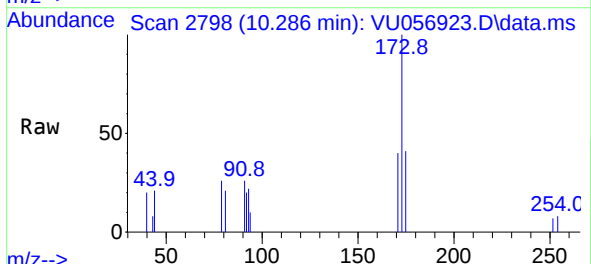
Instrument :
MSVOA_U
ClientSampleId :

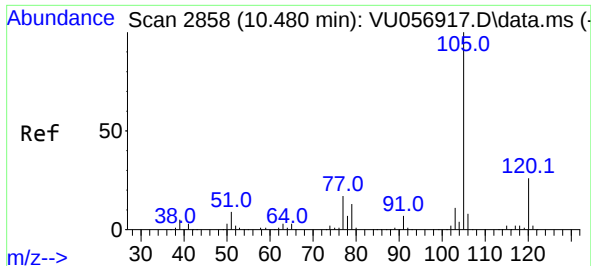
Tgt Ion: 83 Resp: 3933
Ion Ratio Lower Upper
83 100
85 61.3 45.4 84.4
131 15.5 6.6 9.8#



#59
Bromoform
Concen: 0.311 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

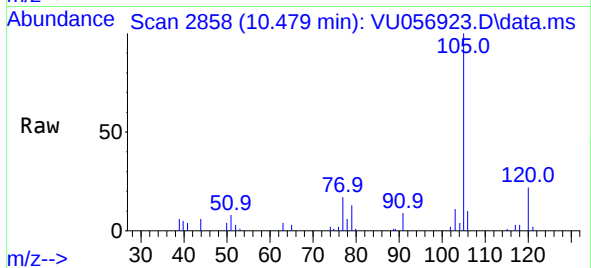
Tgt Ion: 173 Resp: 2473
Ion Ratio Lower Upper
173 100
175 39.4 38.2 57.2
254 5.6 7.0 10.4#



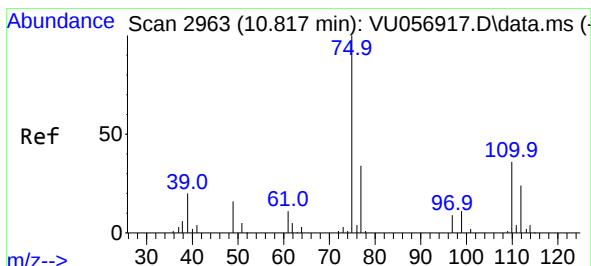
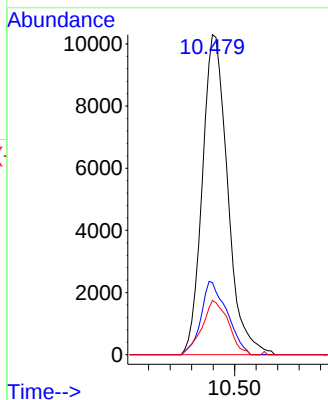
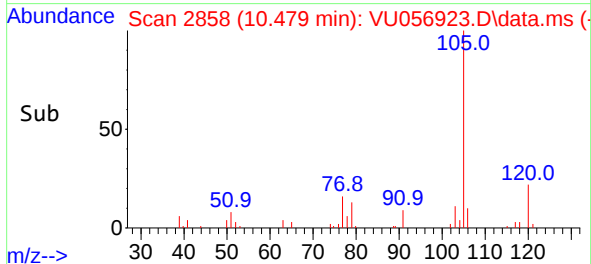


#60
Isopropylbenzene
Concen: 0.218 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

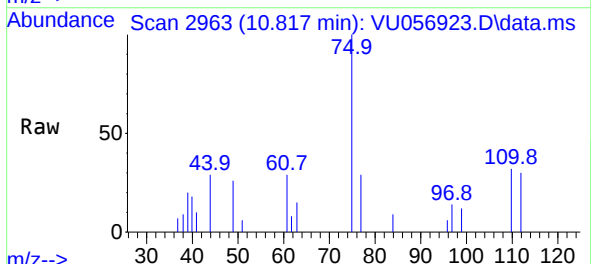
Instrument :
MSVOA_U
ClientSampleId :



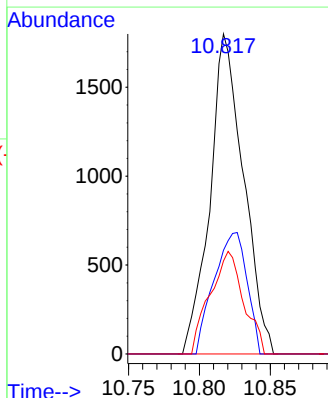
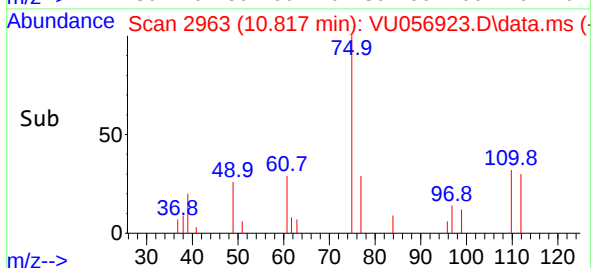
Tgt Ion:105 Resp: 16833
Ion Ratio Lower Upper
105 100
120 23.5 20.1 30.1
77 17.6 13.2 19.8

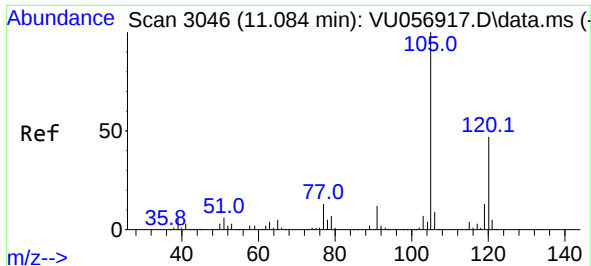


#61
1,2,3-Trichloropropane
Concen: 0.283 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37



Tgt Ion: 75 Resp: 2963
Ion Ratio Lower Upper
75 100
110 37.4 28.4 42.6
77 32.1 26.3 39.5

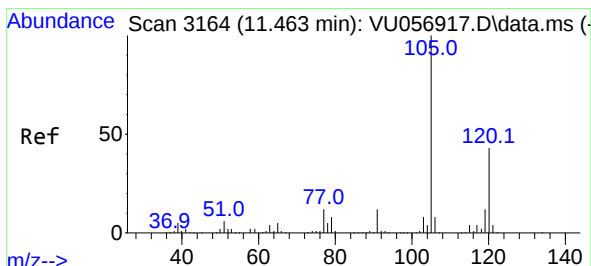
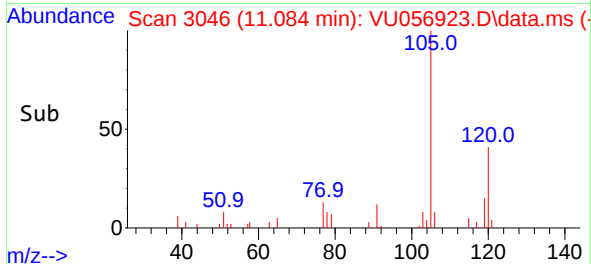
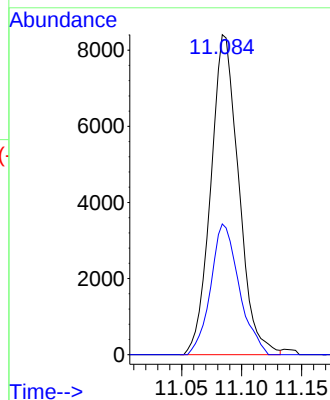
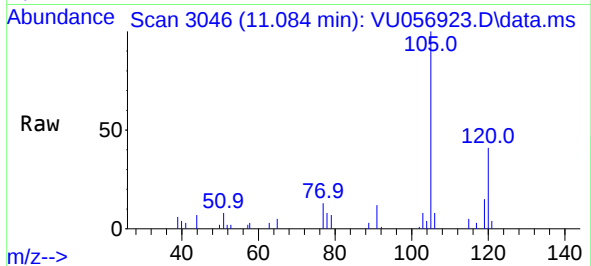




#62
1,3,5-Trimethylbenzene
Concen: 0.216 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

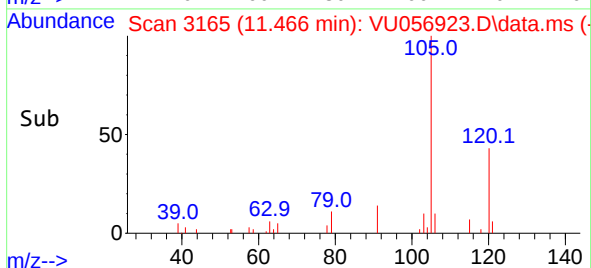
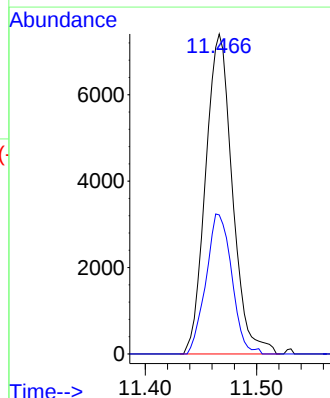
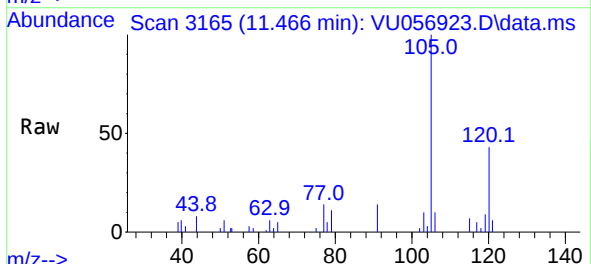
Instrument :
MSVOA_U
ClientSampleId :

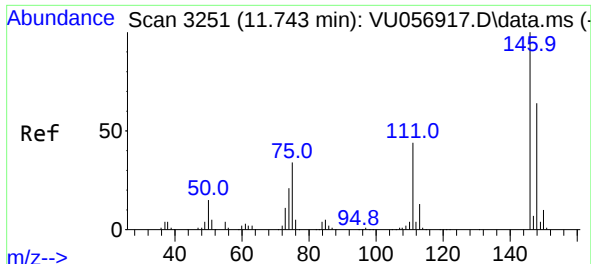
Tgt Ion:105 Resp: 13611
Ion Ratio Lower Upper
105 100
120 41.6 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 0.198 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion:105 Resp: 12381
Ion Ratio Lower Upper
105 100
120 42.0 34.2 51.4

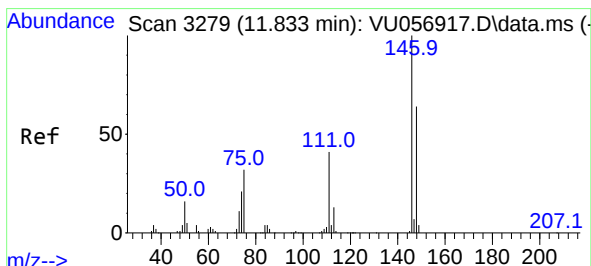
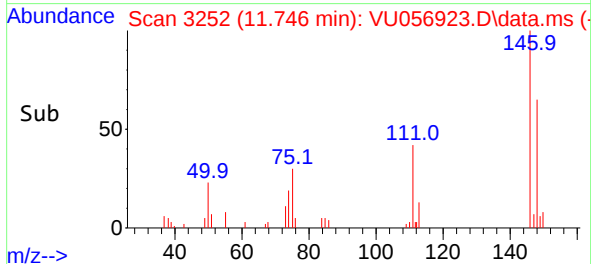
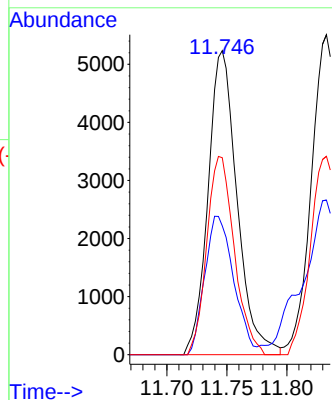
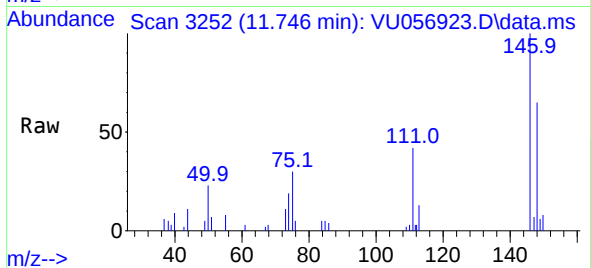




#64
1,3-Dichlorobenzene
Concen: 0.242 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

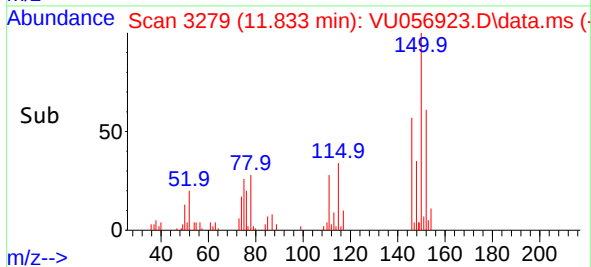
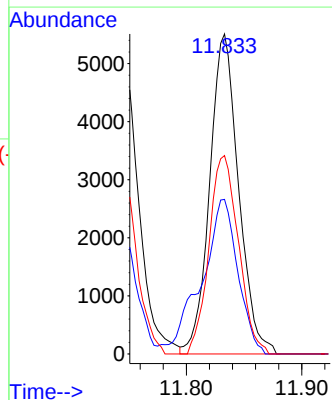
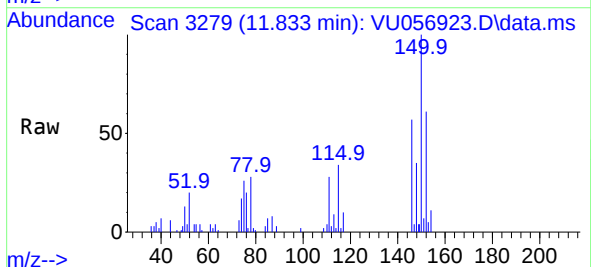
Instrument :
MSVOA_U
ClientSampleId :

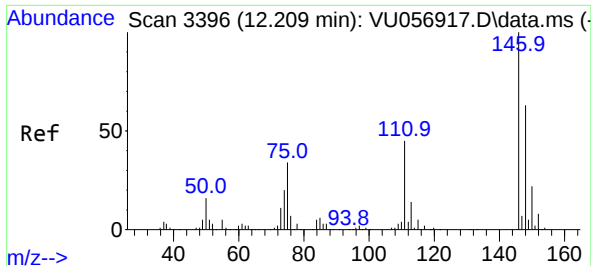
Tgt Ion:146 Resp: 8821
Ion Ratio Lower Upper
146 100
111 45.6 31.7 58.9
148 64.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 0.267 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056923.D
Acq: 16 Dec 2023 13:37

Tgt Ion:146 Resp: 9570
Ion Ratio Lower Upper
146 100
111 48.3 31.2 58.0
148 62.0 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 0.301 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056923.D

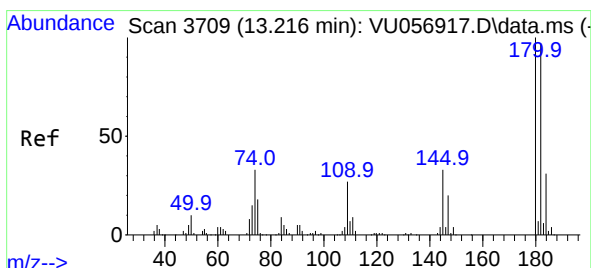
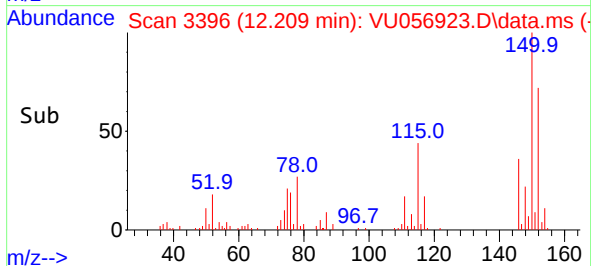
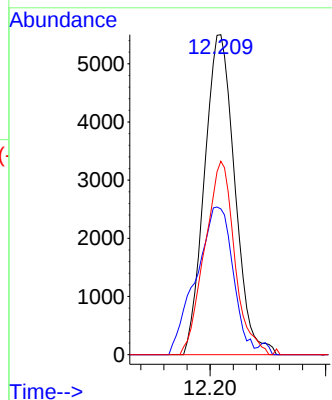
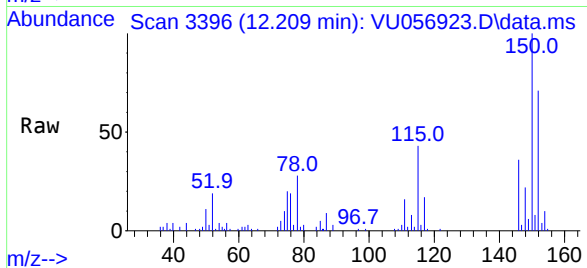
Acq: 16 Dec 2023 13:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	10006
Ion Ratio	Lower	Upper
146	100	
111	45.6	36.9 55.3
148	60.4	53.0 79.4



#69

1,3,5-Trichlorobenzene

Concen: 0.210 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. 0.003 min

Lab File: VU056923.D

Acq: 16 Dec 2023 13:37

Tgt Ion:180	Resp:	5795
Ion Ratio	Lower	Upper
180	100	
182	100.1	76.2 114.4
184	29.0	24.6 37.0
145	33.7	26.7 40.1

