

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055176.D
 Acq On : 07 Sep 2023 06:12
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 15:40:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	169812	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.416	117	180709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	100627	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33429	4.200	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.908	69	41372	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.560	65	20583	4.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.625	46	132415	57.333	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.660%
24) Chloroform-d	5.062	84	109166	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.699	65	55256	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.724	84	213270	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.686	67	69497	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.895	98	192215	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.181	79	16975	4.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.631	63	78482	49.478	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.960%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53486	5.361	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	71351	4.858	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	49673	5.034	ug/L	97
3) Chloromethane	1.516	50	52587	5.235	ug/L	95
5) Vinyl chloride	1.599	62	55611	5.247	ug/L	99
6) Bromomethane	1.850	94	30898	4.834	ug/L	100
8) Chloroethane	1.927	64	35740	5.179	ug/L	98
9) Trichlorofluoromethane	2.133	101	80697	5.236	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	46642	5.202	ug/L	97
12) 1,1-Dichloroethene	2.573	96	40585	5.170	ug/L	87
13) Acetone	2.628	43	77085	49.799	ug/L	98
14) Carbon disulfide	2.789	76	95909	4.989	ug/L	99
15) Methyl Acetate	2.953	43	25293	7.983	ug/L	100
16) Methylene chloride	3.040	84	53351	4.447	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	115334	5.602	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	42807	5.374	ug/L	96
19) 1,1-Dichloroethane	3.866	63	94093	5.466	ug/L	96
21) 2-Butanone	4.705	43	126678	55.700	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	54192	5.558	ug/L	98
23) Bromochloromethane	4.969	128	22237	5.545	ug/L	94
25) Chloroform	5.085	83	99457	5.547	ug/L	97

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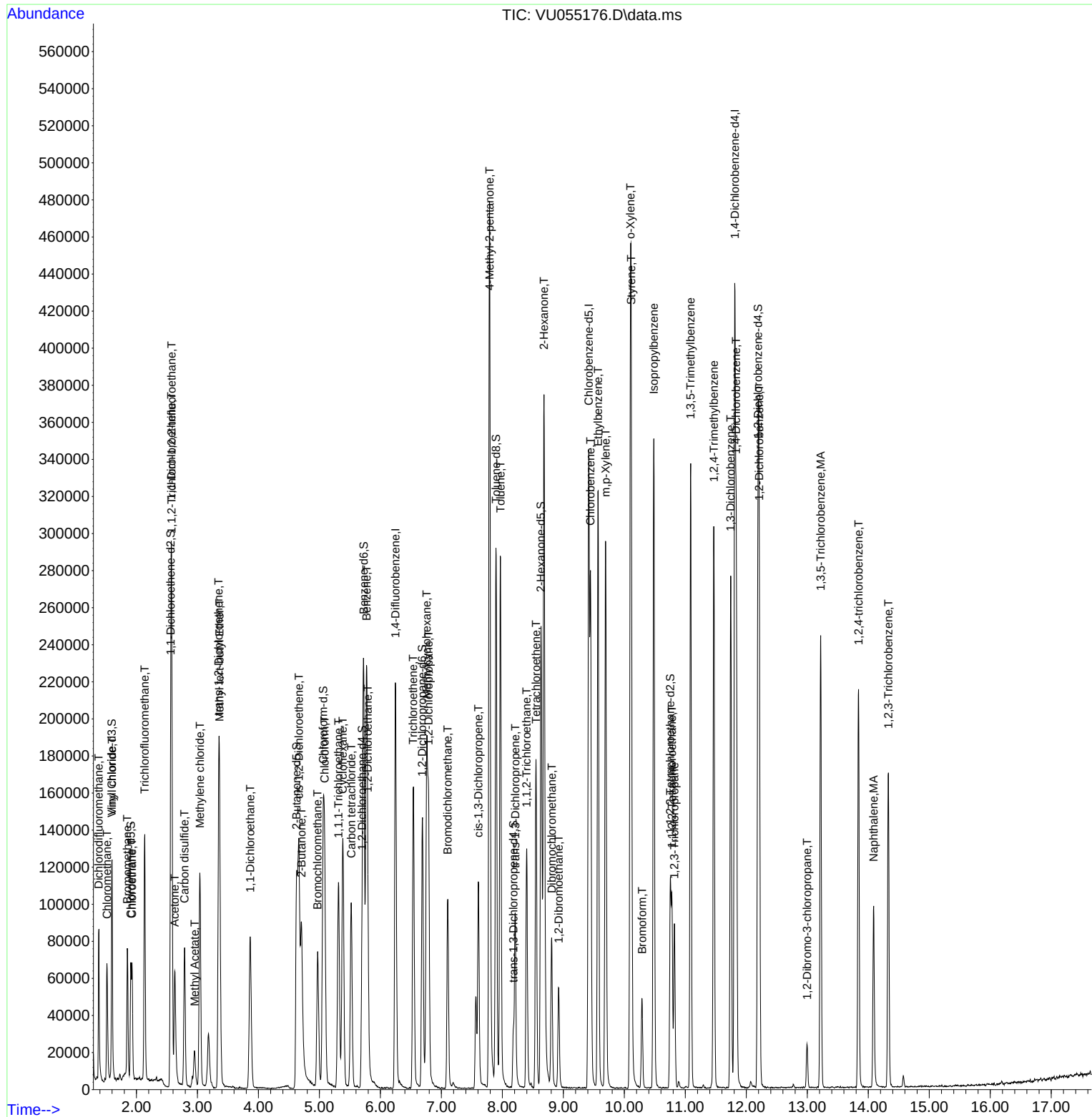
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	61538	5.624	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	79214	5.068	ug/L	99
30) Cyclohexane	5.384	56	65193	4.690	ug/L	98
31) Carbon tetrachloride	5.522	117	65443	5.035	ug/L	99
33) Benzene	5.773	78	196214	5.102	ug/L	100
34) Trichloroethene	6.538	95	55813	5.222	ug/L	94
35) Methylcyclohexane	6.760	83	66248	4.417	ug/L	95
37) 1,2-Dichloropropane	6.789	63	58140	5.552	ug/L	98
38) Bromodichloromethane	7.104	83	64988	5.198	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	65574	4.604	ug/L	98
40) 4-Methyl-2-pentanone	7.789	43	318869	53.386	ug/L	99
42) Toluene	7.969	91	208620	5.088	ug/L	94
44) trans-1,3-Dichloropropene	8.210	75	52431	4.690	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	39833	5.648	ug/L	97
47) Tetrachloroethene	8.554	164	36164	4.895	ug/L	97
48) 2-Hexanone	8.682	43	237593	50.785	ug/L	97
49) Dibromochloromethane	8.808	129	39145	5.085	ug/L	95
50) 1,2-Dibromoethane	8.924	107	34885	5.432	ug/L #	90
51) Chlorobenzene	9.444	112	135247	4.981	ug/L	99
52) Ethylbenzene	9.570	91	227535	4.960	ug/L	100
53) m,p-Xylene	9.692	106	83916	4.944	ug/L	93
54) o-Xylene	10.100	106	83369	4.991	ug/L	99
55) Styrene	10.113	104	136716	4.956	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.779	83	47299	5.384	ug/L	100
59) Bromoform	10.290	173	20269	5.041	ug/L	98
60) Isopropylbenzene	10.483	105	225510	4.806	ug/L	99
61) 1,2,3-Trichloropropane	10.821	75	35002	5.242	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	178771	4.580	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	165884	4.312	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	105672	4.691	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	105663	4.706	ug/L	97
67) 1,2-Dichlorobenzene	12.213	146	99002	4.688	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	5495	4.271	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.219	180	69823	4.102	ug/L	98
70) 1,2,4-trichlorobenzene	13.840	180	60207	3.772	ug/L	99
71) Naphthalene	14.087	128	77818	2.682	ug/L	98
72) 1,2,3-Trichlorobenzene	14.329	180	49245	3.554	ug/L	98

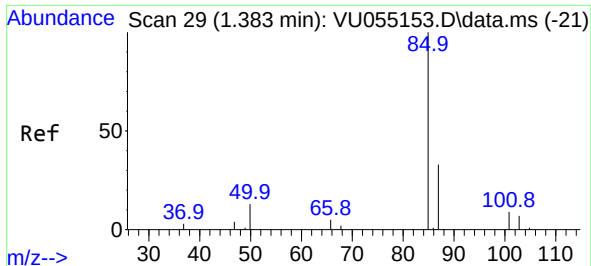
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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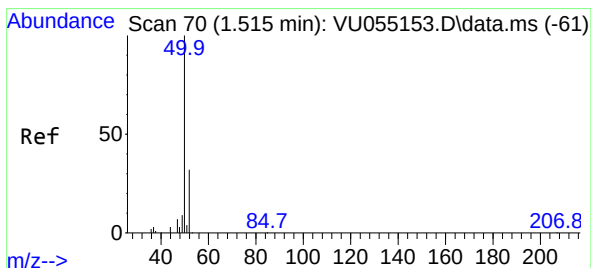
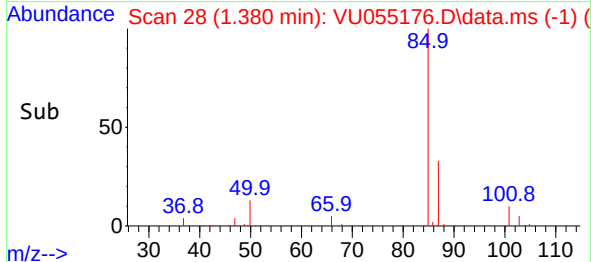
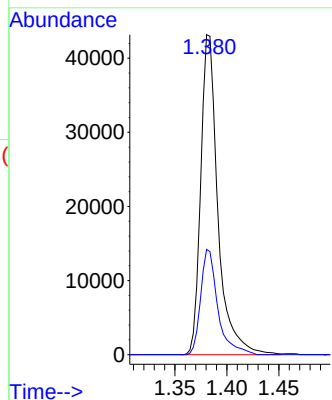
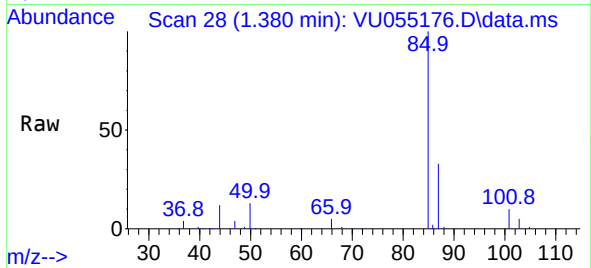




#2
Dichlorodifluoromethane
Concen: 5.034 ug/L
RT: 1.380 min Scan# 29
Delta R.T. -0.003 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

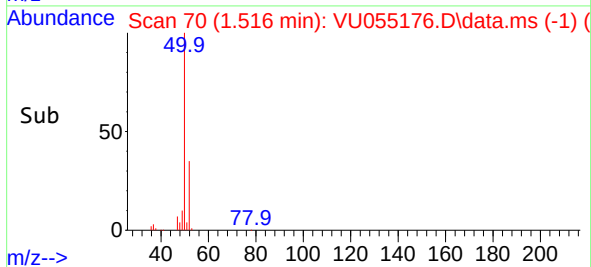
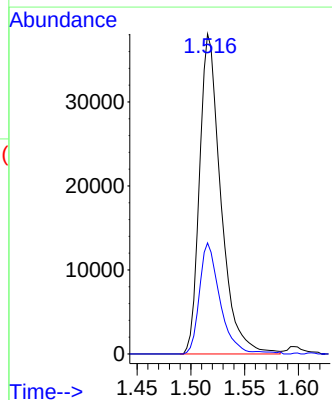
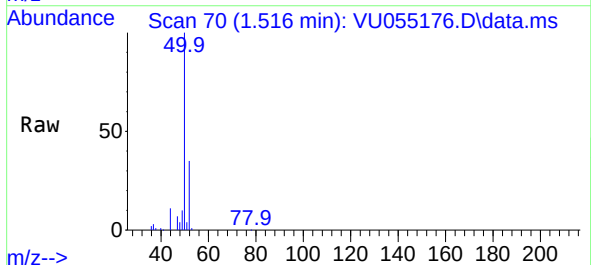
Instrument :
MSVOA_U
ClientSampleId :

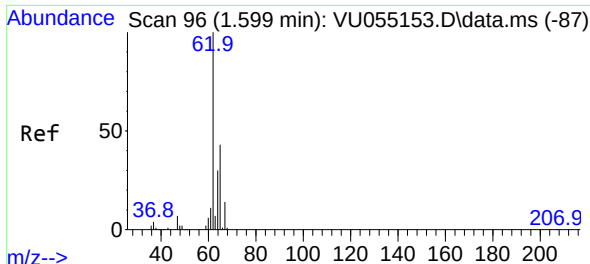
Tgt Ion: 85 Resp: 49673
Ion Ratio Lower Upper
85 100
87 32.9 25.1 37.7



#3
Chloromethane
Concen: 5.235 ug/L
RT: 1.516 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

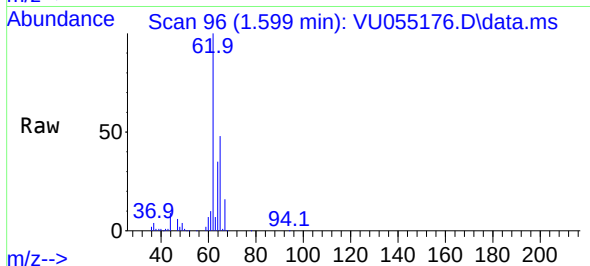
Tgt Ion: 50 Resp: 52587
Ion Ratio Lower Upper
50 100
52 34.7 22.5 41.7



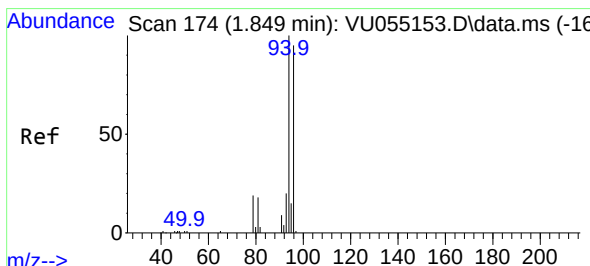
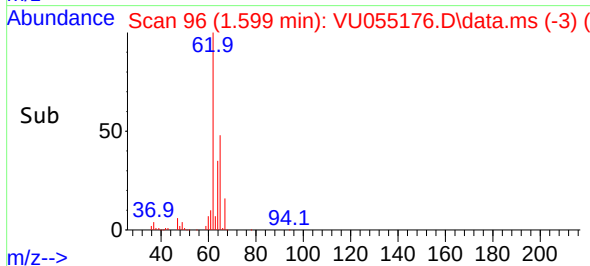
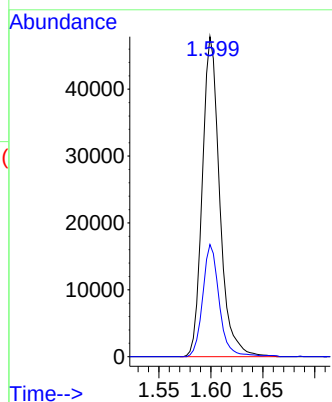


#5
 Vinyl chloride
 Concen: 5.247 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU055176.D
 Acq: 07 Sep 2023 06:12

Instrument :
 MSVOA_U
 ClientSampleId :

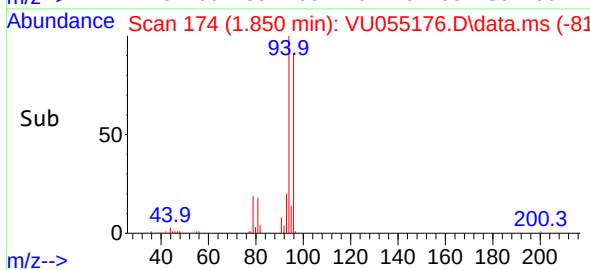
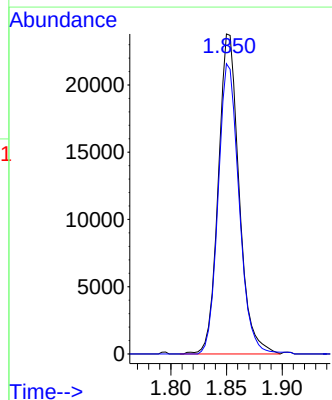
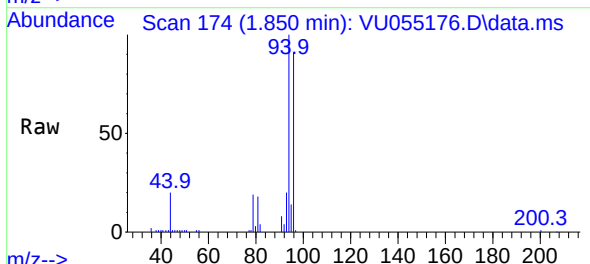


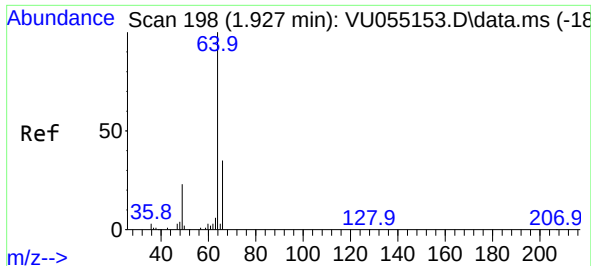
Tgt Ion: 62 Resp: 55611
 Ion Ratio Lower Upper
 62 100
 64 35.0 24.2 45.0



#6
 Bromomethane
 Concen: 4.834 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. 0.001 min
 Lab File: VU055176.D
 Acq: 07 Sep 2023 06:12

Tgt Ion: 94 Resp: 30898
 Ion Ratio Lower Upper
 94 100
 96 90.7 63.8 118.4

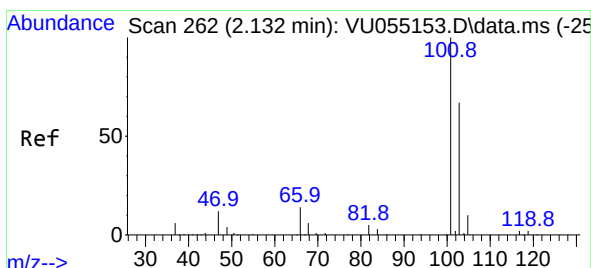
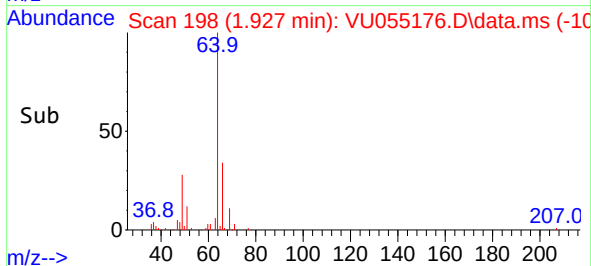
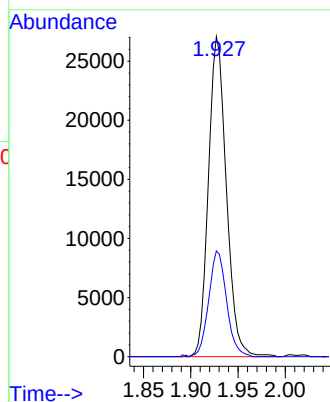
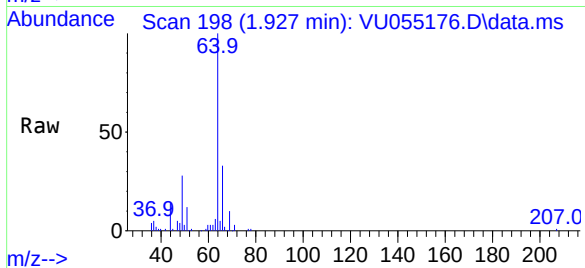




#8
Chloroethane
Concen: 5.179 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

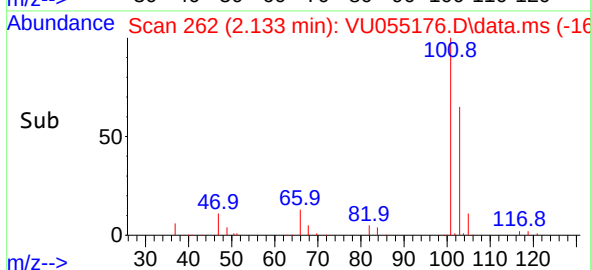
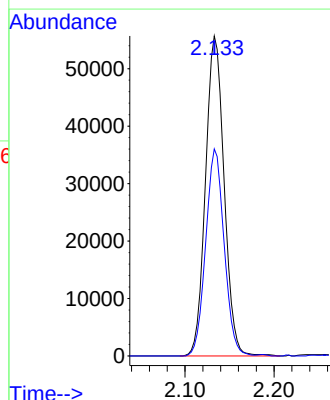
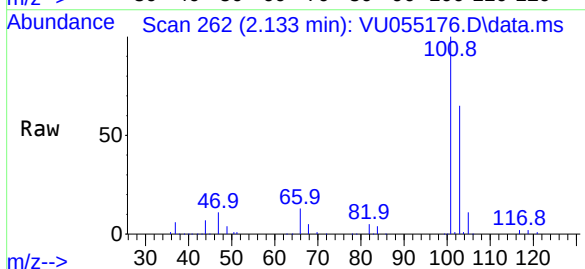
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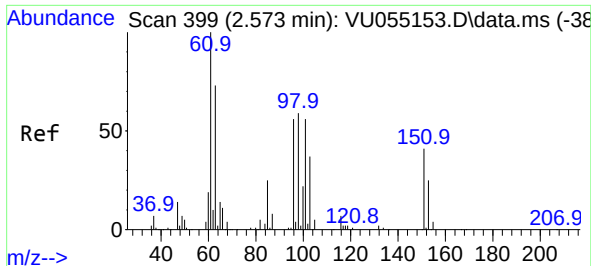
Tgt Ion: 64 Resp: 35740
Ion Ratio Lower Upper
64 100
66 33.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.236 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Tgt Ion: 101 Resp: 80697
Ion Ratio Lower Upper
101 100
103 64.2 51.9 77.9

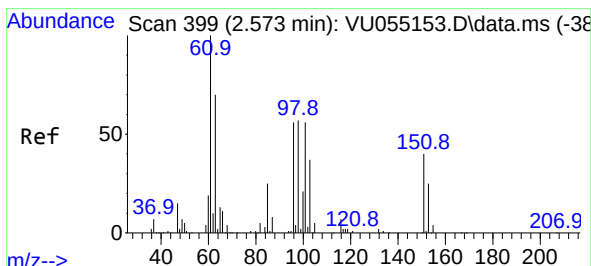
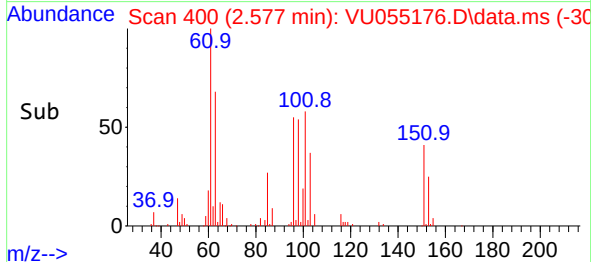
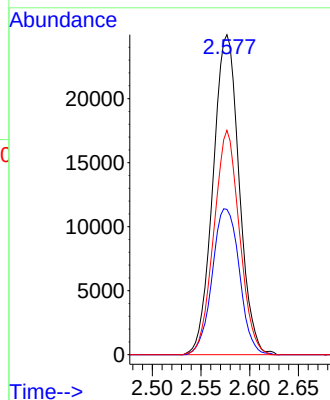
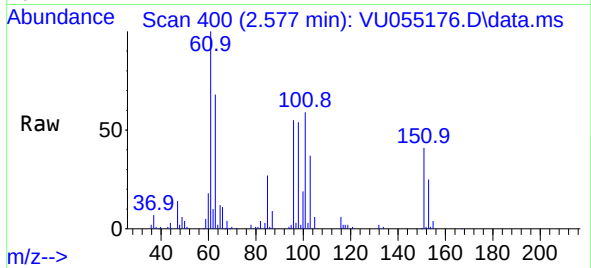




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.202 ug/L
RT: 2.577 min Scan# 400
Delta R.T. 0.004 min
Lab File: VU055176.D
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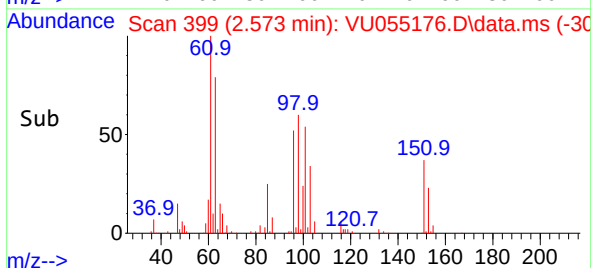
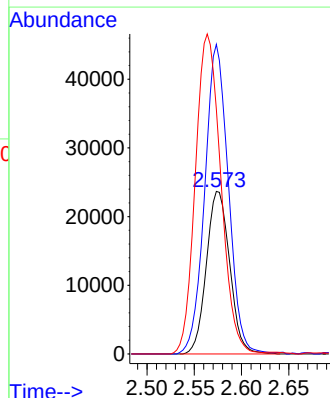
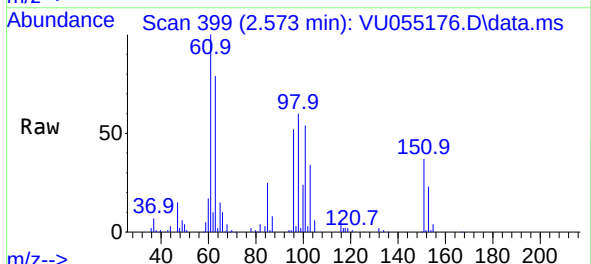
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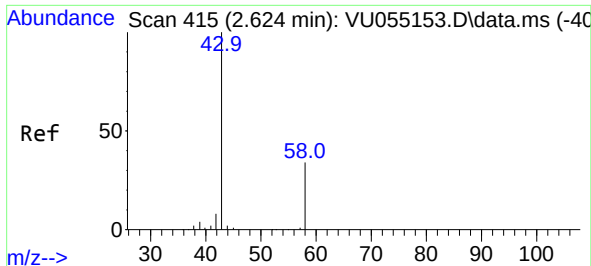
Tgt Ion:101 Resp: 46642
Ion Ratio Lower Upper
101 100
85 47.4 37.3 55.9
151 68.8 57.6 86.4



#12
1,1-Dichloroethene
Concen: 5.170 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.001 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Tgt Ion: 96 Resp: 40585
Ion Ratio Lower Upper
96 100
61 190.5 120.8 224.4
63 150.5 94.5 175.5

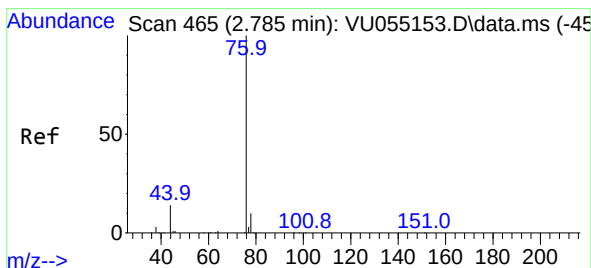
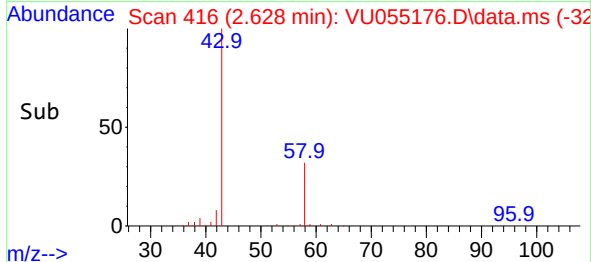
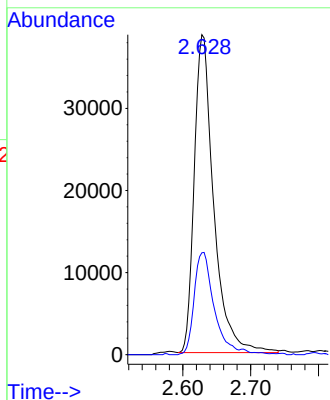
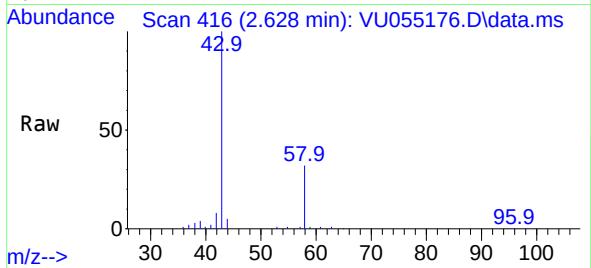




#13
Acetone
Concen: 49.799 ug/L
RT: 2.628 min Scan# 415
Delta R.T. -0.003 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

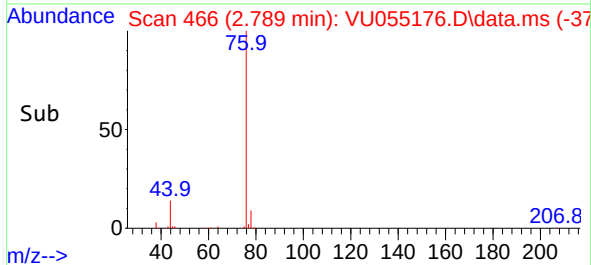
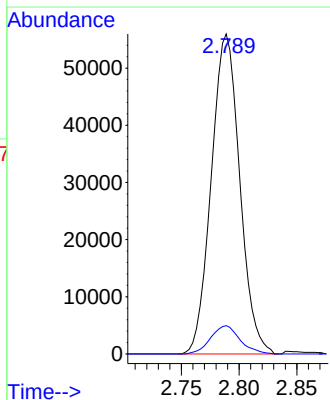
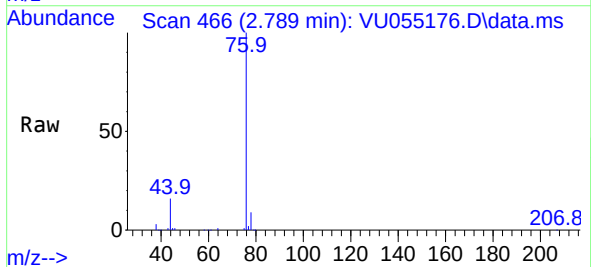
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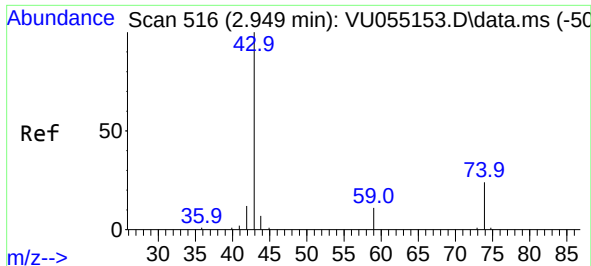
Tgt Ion: 43 Resp: 77085
Ion Ratio Lower Upper
43 100
58 32.5 0.0 67.8



#14
Carbon disulfide
Concen: 4.989 ug/L
RT: 2.789 min Scan# 466
Delta R.T. 0.004 min
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Tgt Ion: 76 Resp: 95909
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

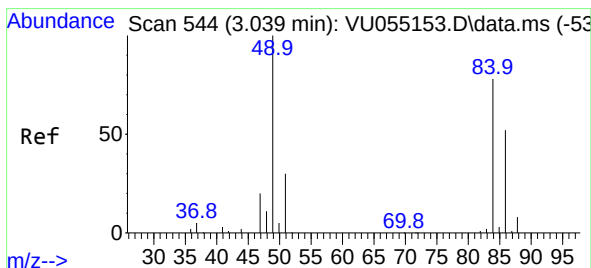
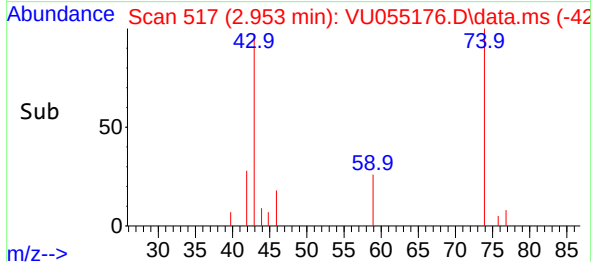
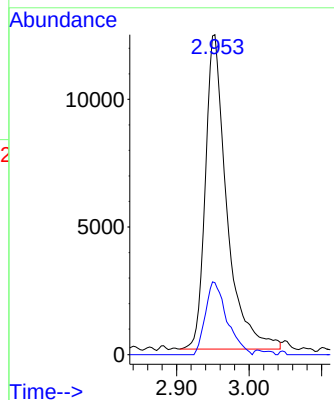
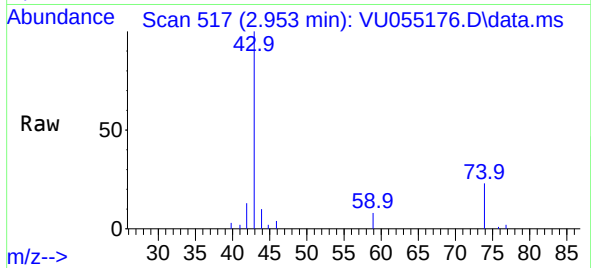




#15
Methyl Acetate
Concen: 7.983 ug/L
RT: 2.953 min Scan# 516
Delta R.T. 0.001 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

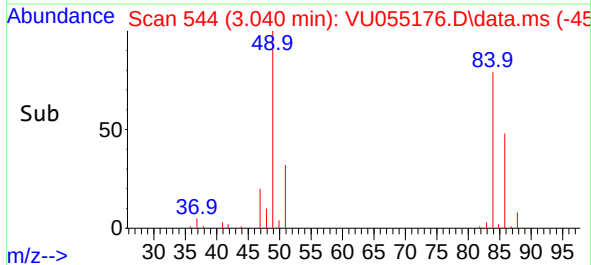
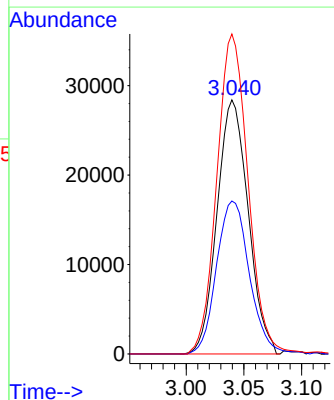
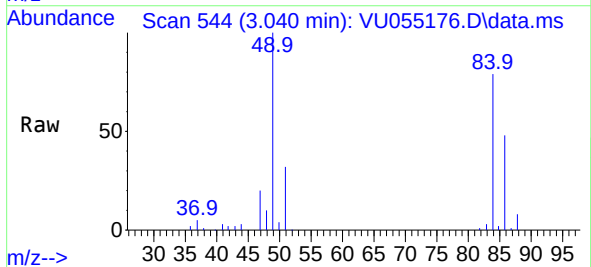
Instrument :
MSVOA_U
ClientSampleId :

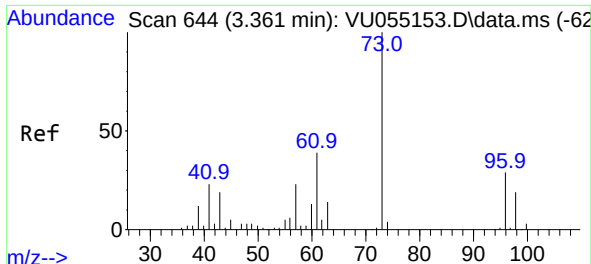
Tgt Ion: 43 Resp: 25293
Ion Ratio Lower Upper
43 100
74 23.2 18.4 27.6



#16
Methylene chloride
Concen: 4.447 ug/L
RT: 3.040 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

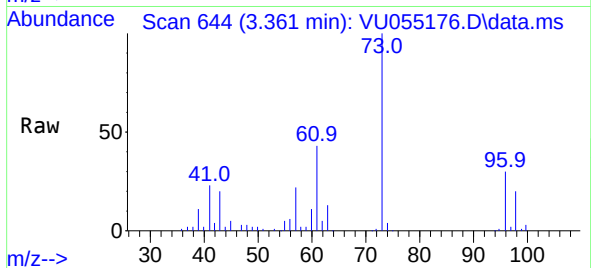
Tgt Ion: 84 Resp: 53351
Ion Ratio Lower Upper
84 100
86 60.2 43.4 80.6
49 126.0 87.7 162.9



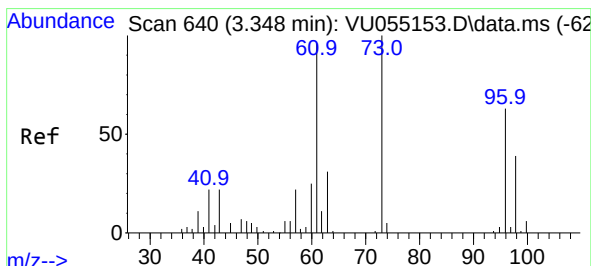
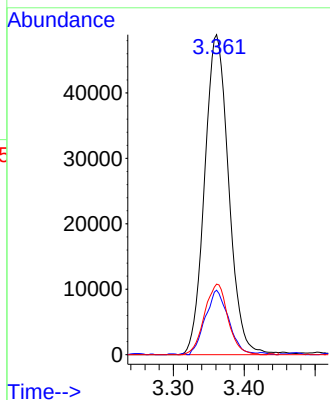
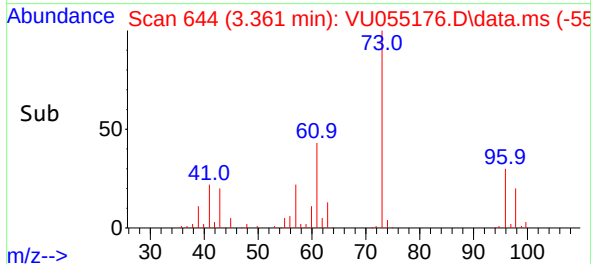


#17
Methyl tert-butyl Ether
Concen: 5.602 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

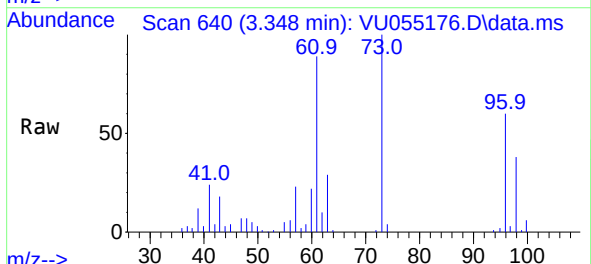
Instrument :
MSVOA_U
ClientSampleId :



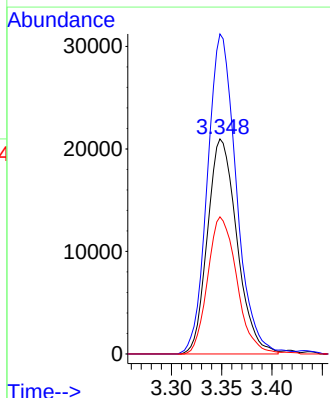
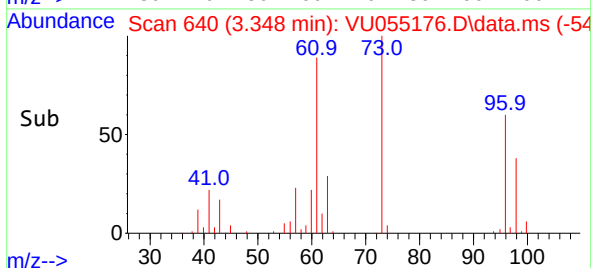
Tgt Ion: 73 Resp: 115334
Ion Ratio Lower Upper
73 100
43 19.5 16.2 24.2
57 21.5 17.4 26.2

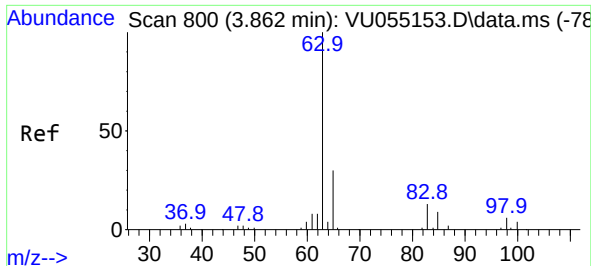


#18
trans-1,2-Dichloroethene
Concen: 5.374 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12



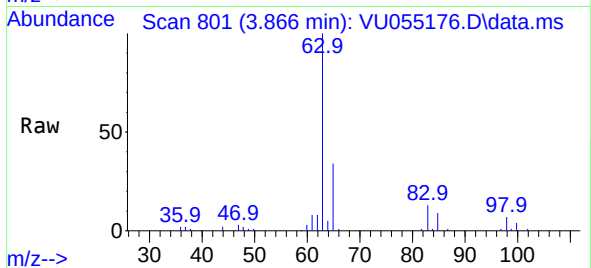
Tgt Ion: 96 Resp: 42807
Ion Ratio Lower Upper
96 100
61 148.8 108.1 200.9
98 63.7 45.4 84.4



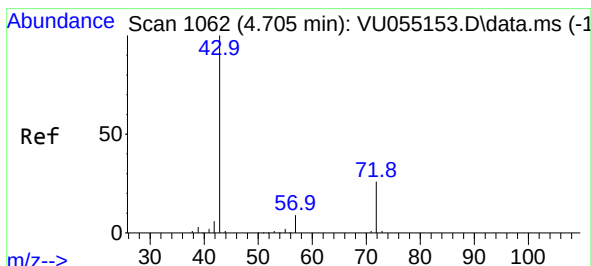
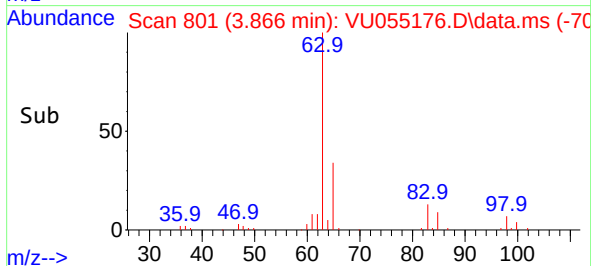
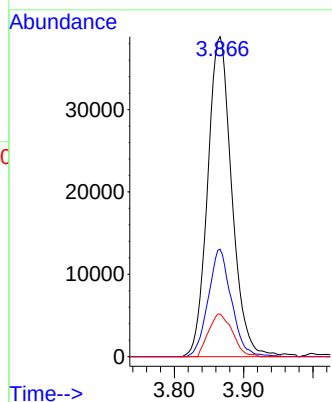


#19
1,1-Dichloroethane
Concen: 5.466 ug/L
RT: 3.866 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Instrument :
MSVOA_U
ClientSampleId :

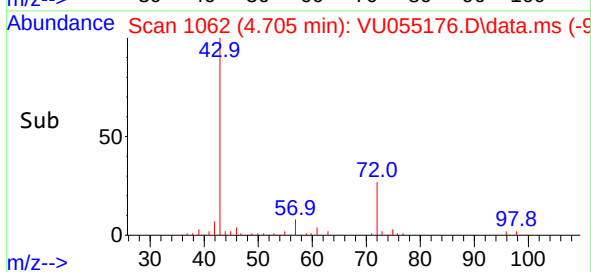
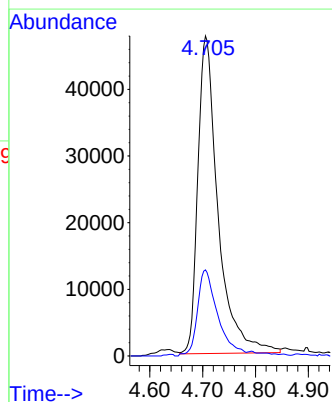
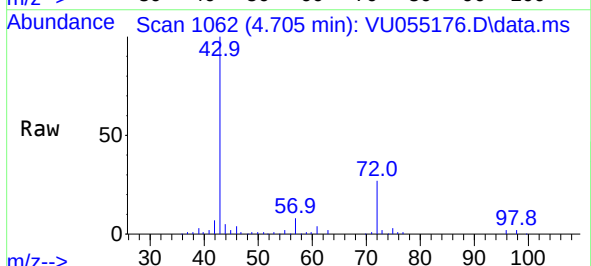


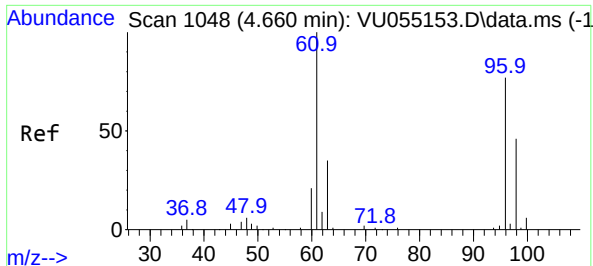
Tgt Ion: 63 Resp: 94093
Ion Ratio Lower Upper
63 100
65 33.6 22.2 41.2
83 13.4 10.6 19.8



#21
2-Butanone
Concen: 55.700 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

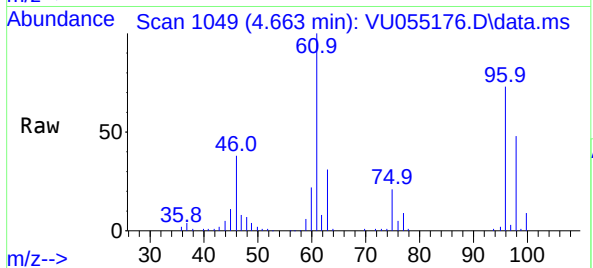
Tgt Ion: 43 Resp: 126678
Ion Ratio Lower Upper
43 100
72 27.0 13.5 40.5



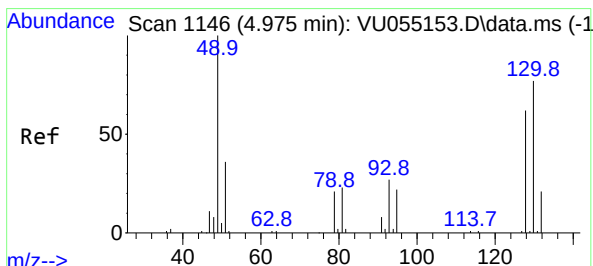
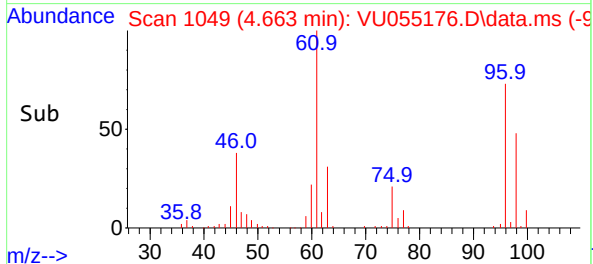
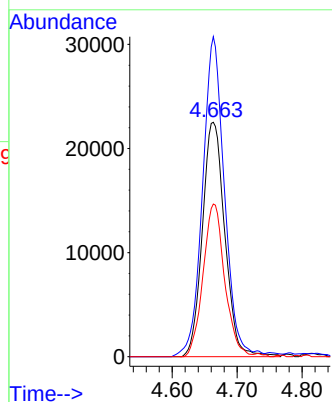


#22
cis-1,2-Dichloroethene
Concen: 5.558 ug/L
RT: 4.663 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Instrument :
MSVOA_U
ClientSampleId :

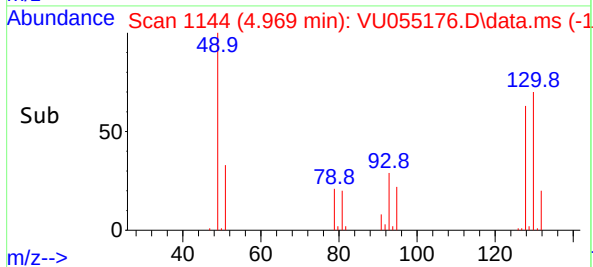
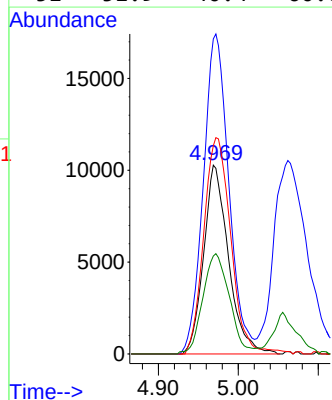
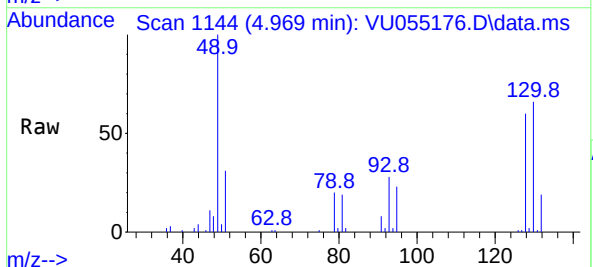


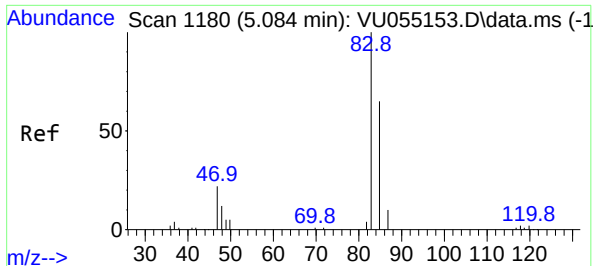
Tgt Ion: 96 Resp: 54192
Ion Ratio Lower Upper
96 100
61 136.5 97.2 180.4
98 65.1 46.1 85.7



#23
Bromochloromethane
Concen: 5.545 ug/L
RT: 4.969 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Tgt Ion:128 Resp: 22237
Ion Ratio Lower Upper
128 100
49 166.8 118.9 220.9
130 110.2 88.0 163.4
51 51.9 40.4 60.6





#25

Chloroform

Concen: 5.547 ug/L

RT: 5.085 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU055176.D

Acq: 07 Sep 2023 06:12

Instrument :

MSVOA_U

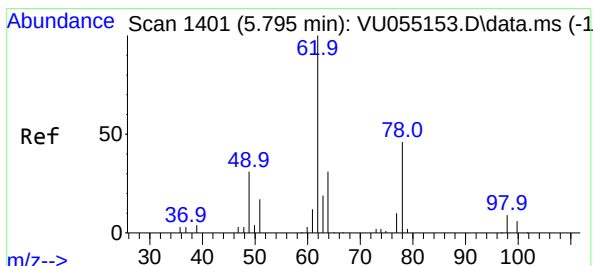
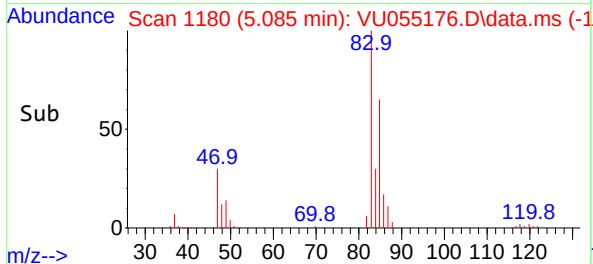
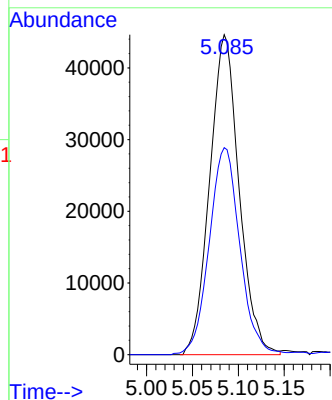
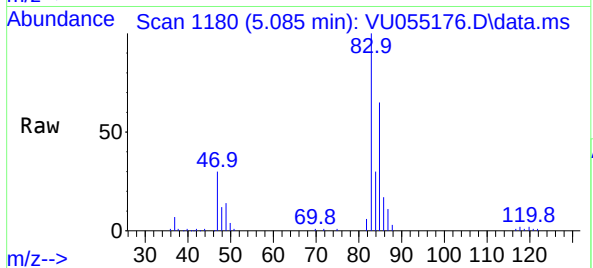
ClientSampleId :

Tgt Ion: 83 Resp: 99457

Ion Ratio Lower Upper

83 100

85 64.7 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.624 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. -0.003 min

Lab File: VU055176.D

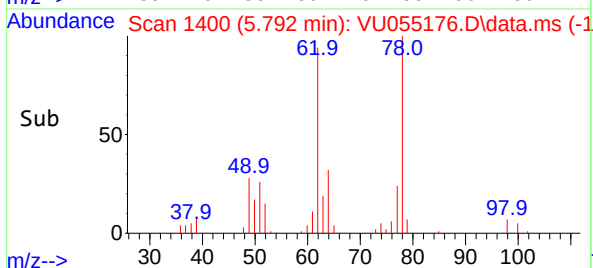
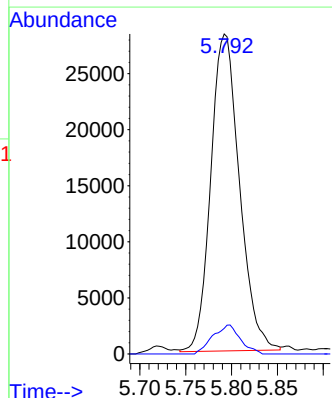
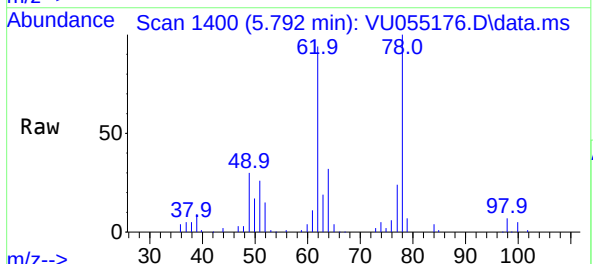
Acq: 07 Sep 2023 06:12

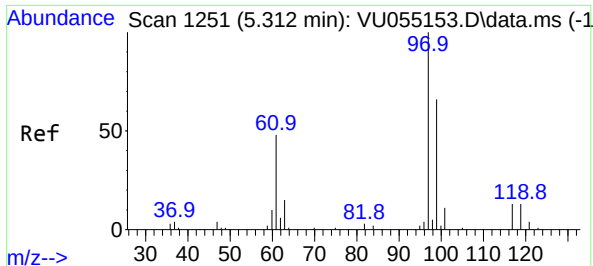
Tgt Ion: 62 Resp: 61538

Ion Ratio Lower Upper

62 100

98 8.0 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.068 ug/L

RT: 5.313 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055176.D

Acq: 07 Sep 2023 06:12

Instrument :

MSVOA_U

ClientSampleId :

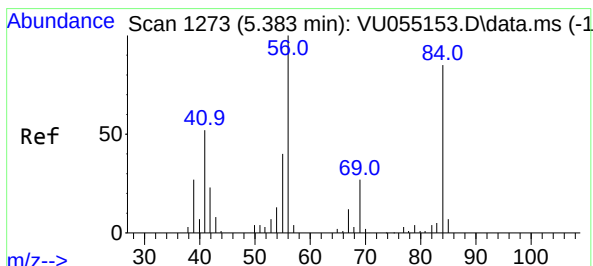
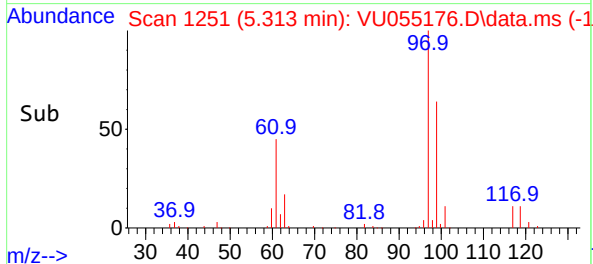
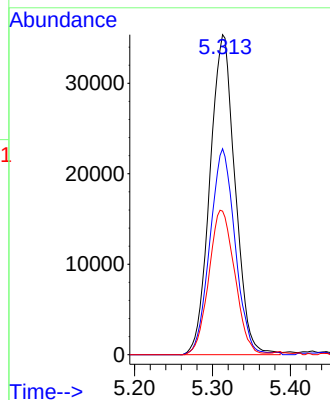
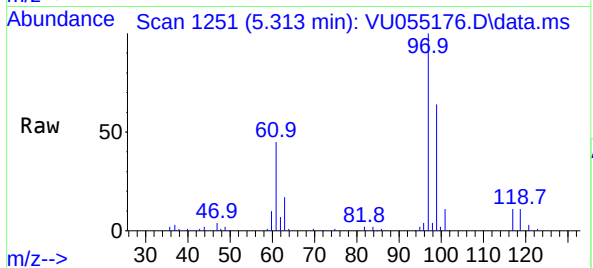
Tgt Ion: 97 Resp: 79214

Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

61 46.6 36.8 55.2



#30

Cyclohexane

Concen: 4.690 ug/L

RT: 5.384 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VU055176.D

Acq: 07 Sep 2023 06:12

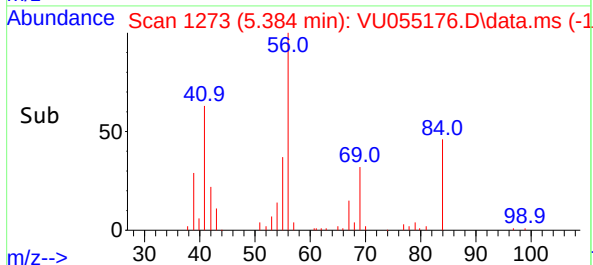
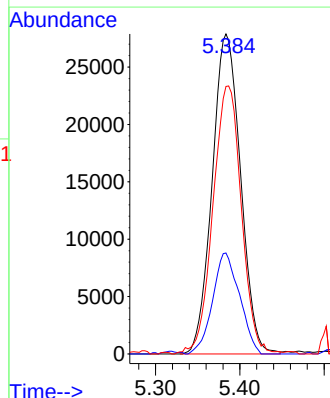
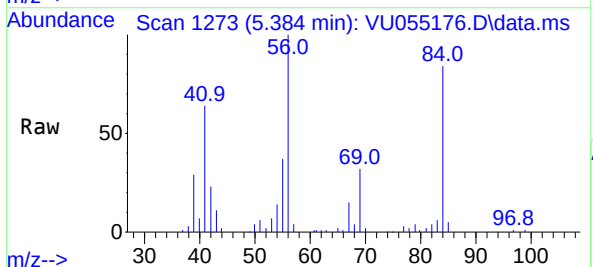
Tgt Ion: 56 Resp: 65193

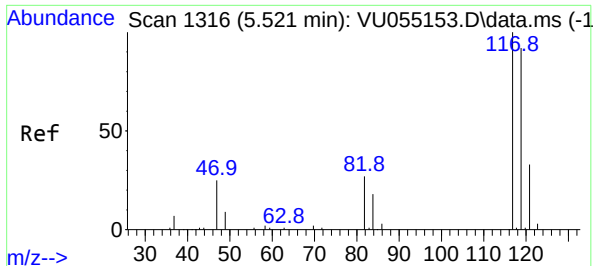
Ion Ratio Lower Upper

56 100

69 30.0 24.6 37.0

84 83.9 68.8 103.2

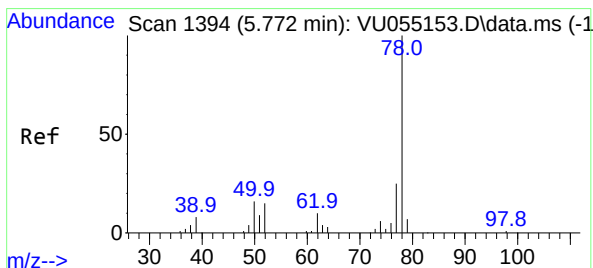
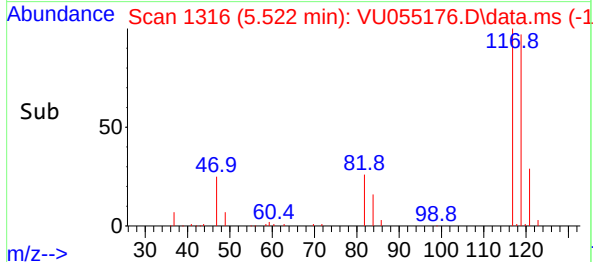
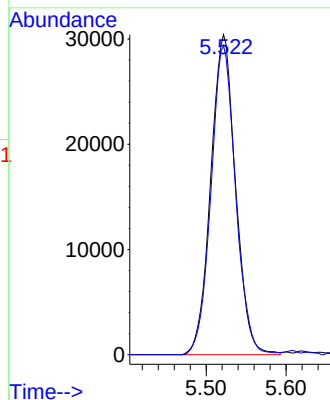
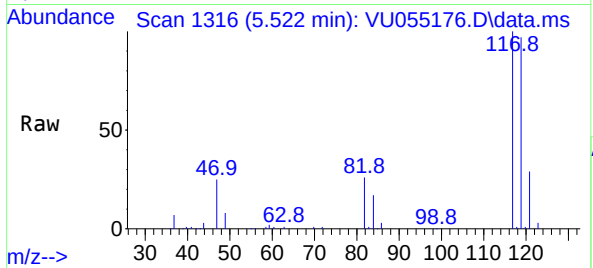




#31
Carbon tetrachloride
Concen: 5.035 ug/L
RT: 5.522 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

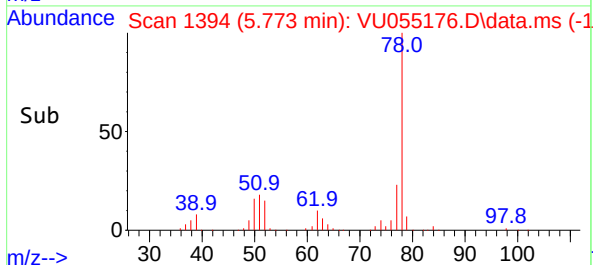
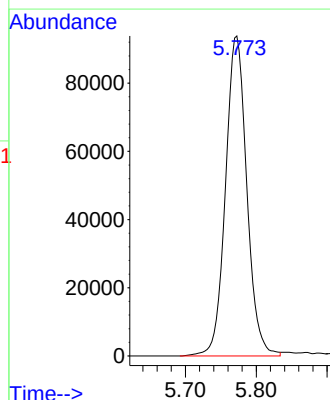
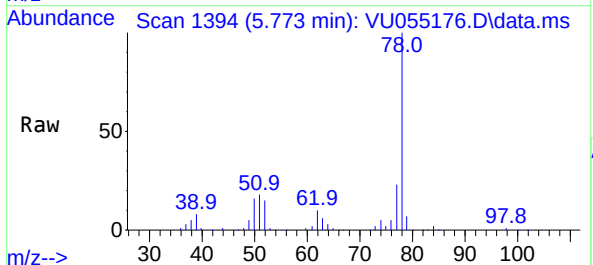
Instrument :
MSVOA_U
ClientSampleId :

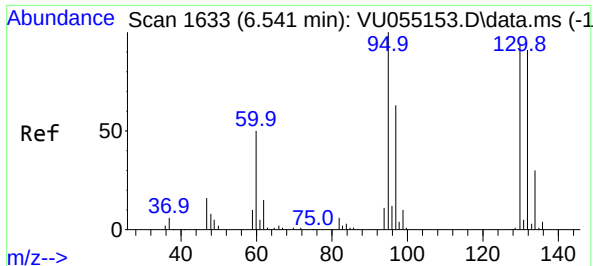
Tgt Ion:117 Resp: 65443
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.0



#33
Benzene
Concen: 5.102 ug/L
RT: 5.773 min Scan# 1394
Delta R.T. 0.001 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

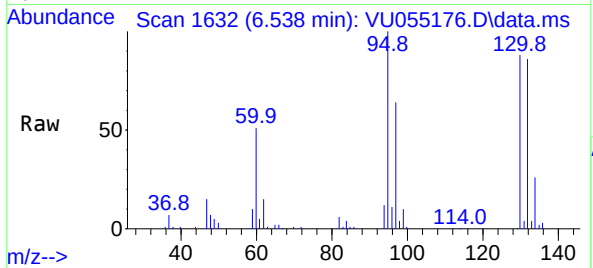
Tgt Ion: 78 Resp: 196214



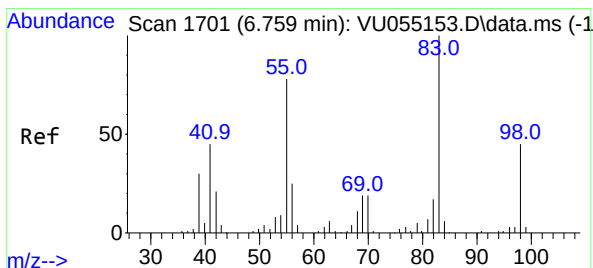
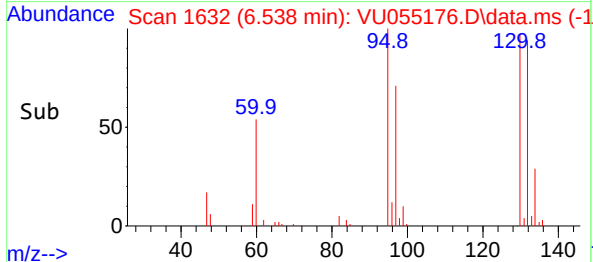
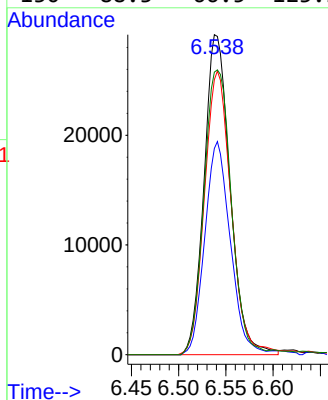


#34
Trichloroethene
Concen: 5.222 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Instrument :
MSVOA_U
ClientSampleId :

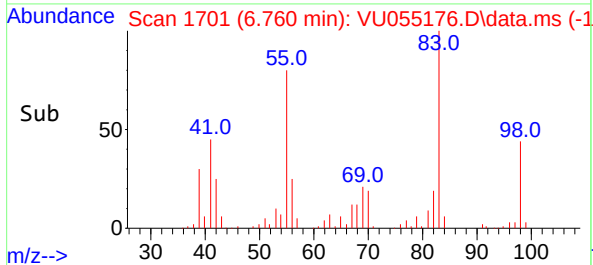
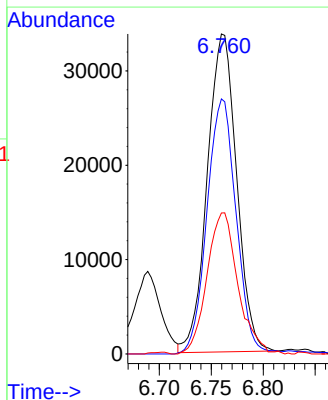
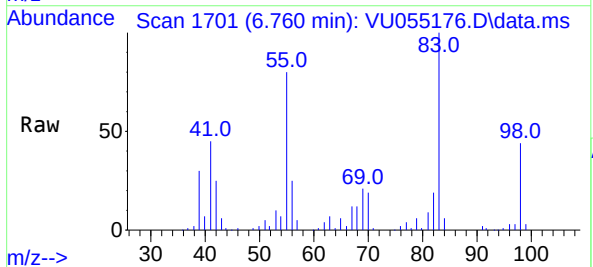


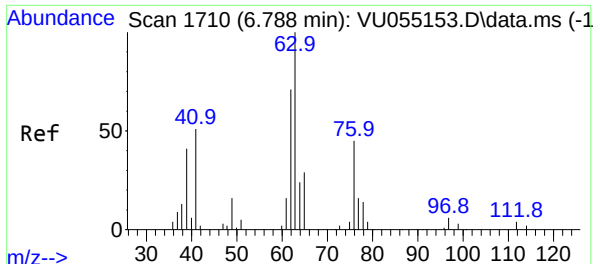
Tgt Ion: 95 Resp: 55813
Ion Ratio Lower Upper
95 100
97 64.4 44.7 83.1
132 85.9 66.6 123.6
130 88.3 66.5 123.5



#35
Methylcyclohexane
Concen: 4.417 ug/L
RT: 6.760 min Scan# 1701
Delta R.T. 0.001 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Tgt Ion: 83 Resp: 66248
Ion Ratio Lower Upper
83 100
55 79.6 60.4 90.6
98 46.8 35.3 52.9

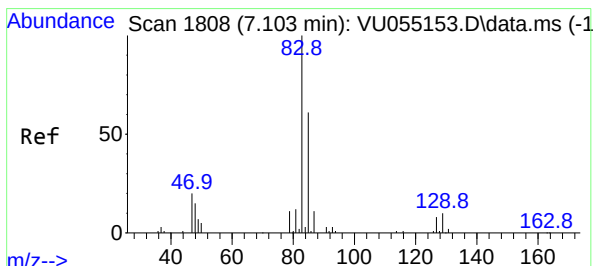
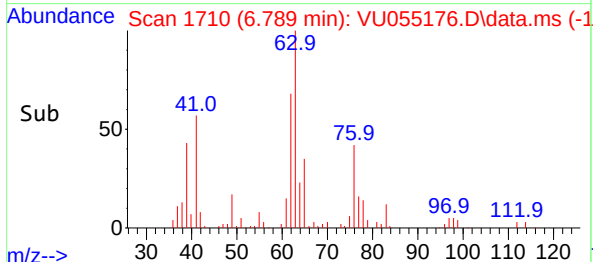
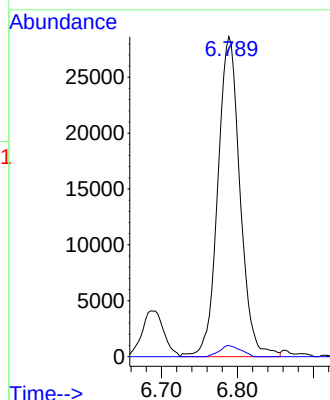
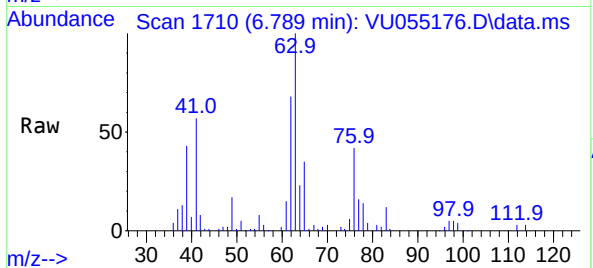




#37
1,2-Dichloropropane
Concen: 5.552 ug/L
RT: 6.789 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

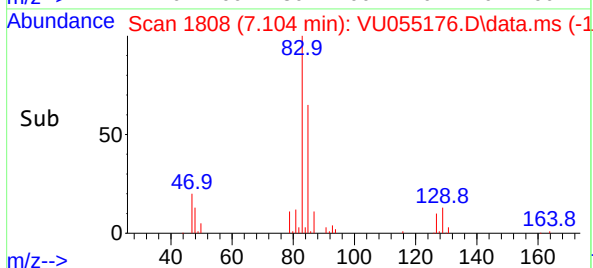
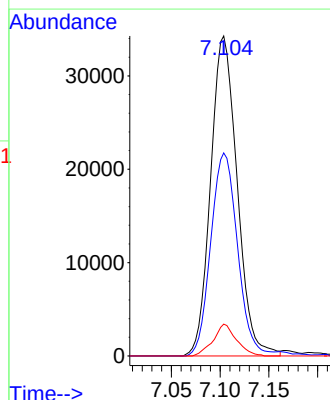
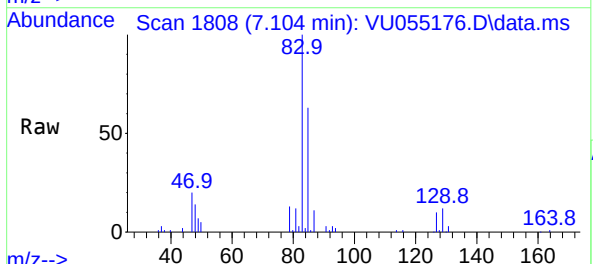
Instrument :
MSVOA_U
ClientSampleId :

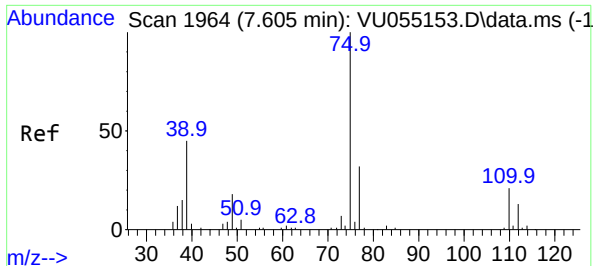
Tgt Ion: 63 Resp: 58140
Ion Ratio Lower Upper
63 100
112 3.3 3.2 4.8



#38
Bromodichloromethane
Concen: 5.198 ug/L
RT: 7.104 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Tgt Ion: 83 Resp: 64988
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.5
127 9.9 7.8 11.8

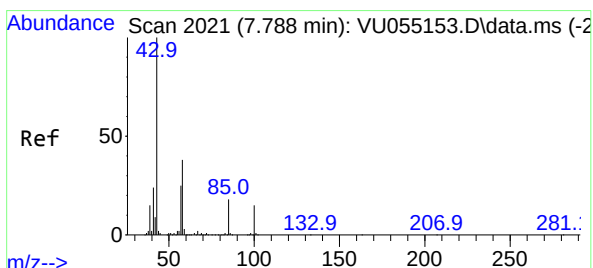
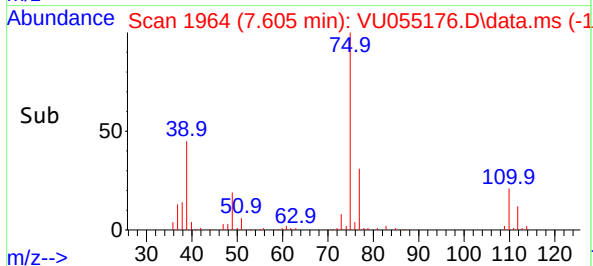
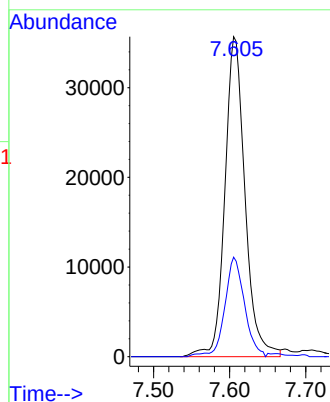
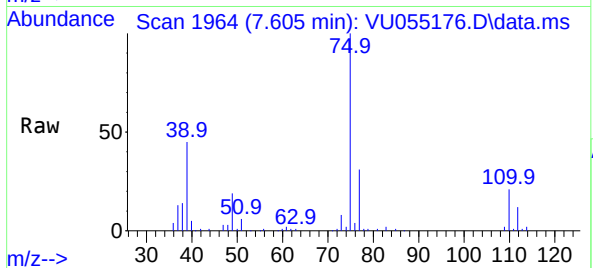




#39
 cis-1,3-Dichloropropene
 Concen: 4.604 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VU055176.D
 Acq: 07 Sep 2023 06:12

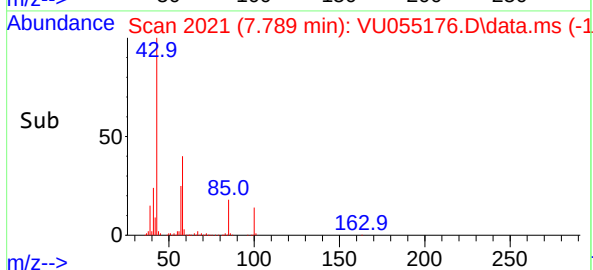
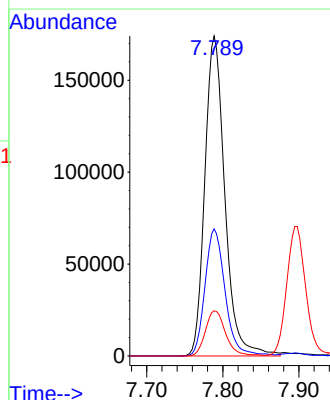
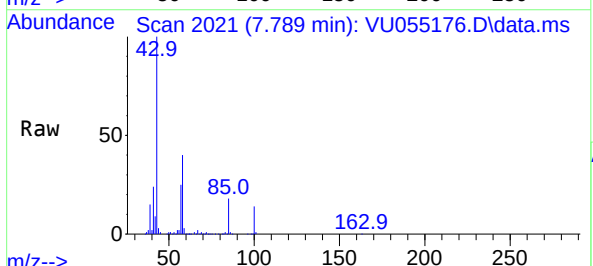
Instrument :
 MSVOA_U
 ClientSampleId :

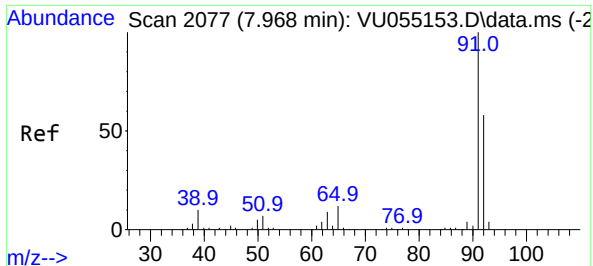
Tgt Ion: 75 Resp: 65574
 Ion Ratio Lower Upper
 75 100
 77 31.1 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 53.386 ug/L
 RT: 7.789 min Scan# 2021
 Delta R.T. -0.003 min
 Lab File: VU055176.D
 Acq: 07 Sep 2023 06:12

Tgt Ion: 43 Resp: 318869
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.5 47.3
 100 14.3 11.8 17.8





#42

Toluene

Concen: 5.088 ug/L

RT: 7.969 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055176.D

Acq: 07 Sep 2023 06:12

Instrument :

MSVOA_U

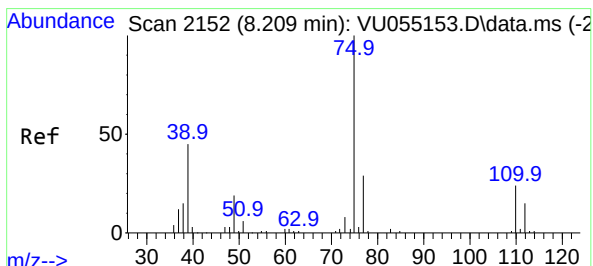
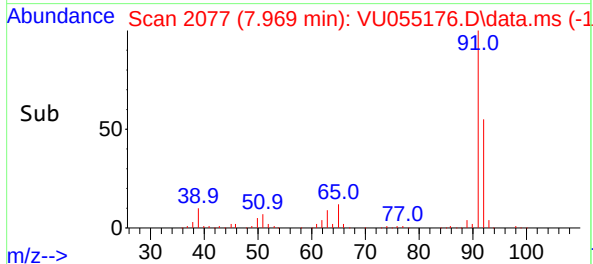
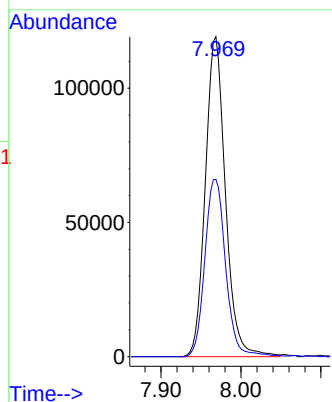
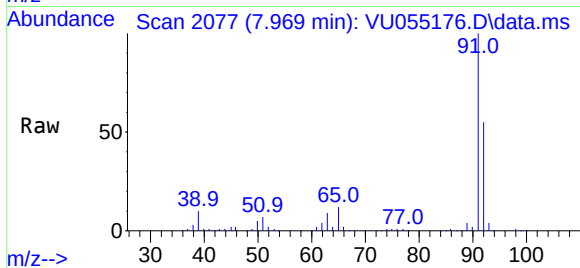
ClientSampleId :

Tgt Ion: 91 Resp: 208620

Ion Ratio Lower Upper

91 100

92 55.5 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 4.690 ug/L

RT: 8.210 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055176.D

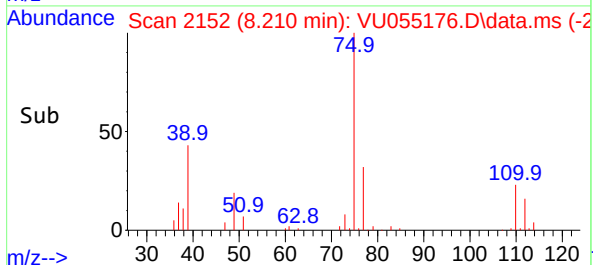
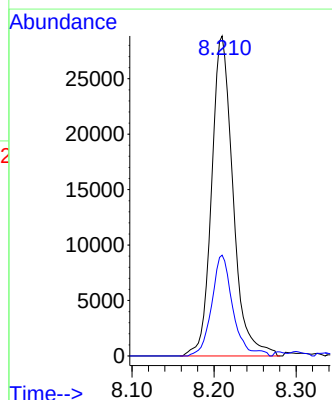
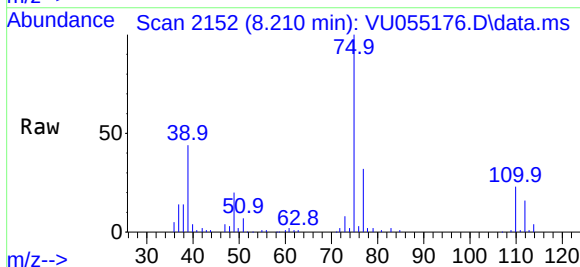
Acq: 07 Sep 2023 06:12

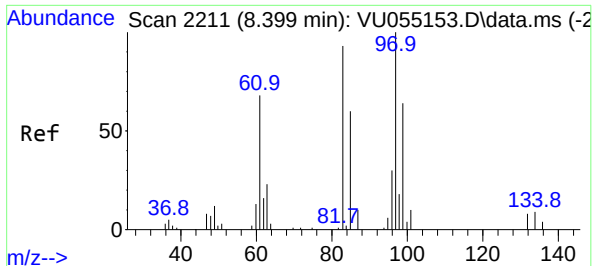
Tgt Ion: 75 Resp: 52431

Ion Ratio Lower Upper

75 100

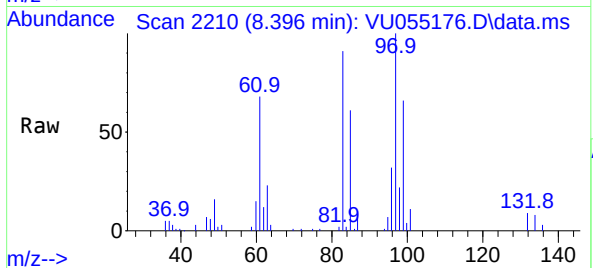
77 31.5 20.5 38.1





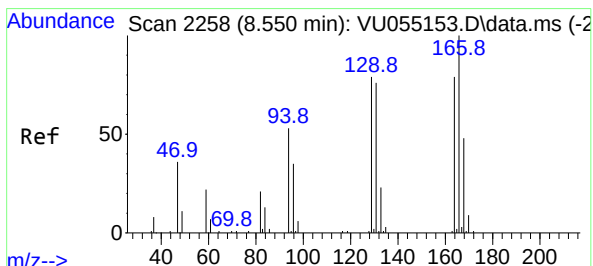
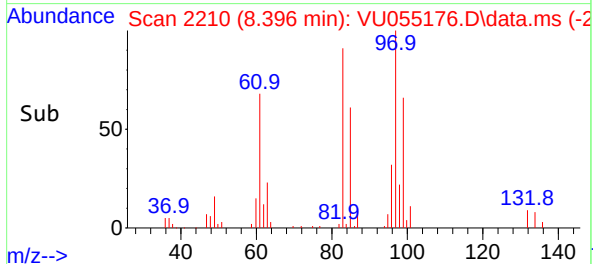
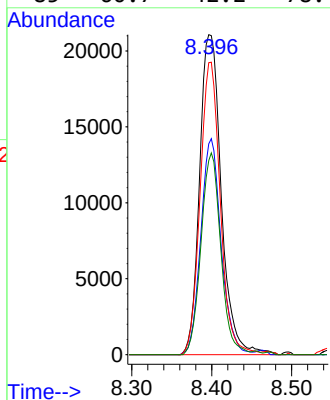
#45
1,1,2-Trichloroethane
Concen: 5.648 ug/L
RT: 8.396 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 39833

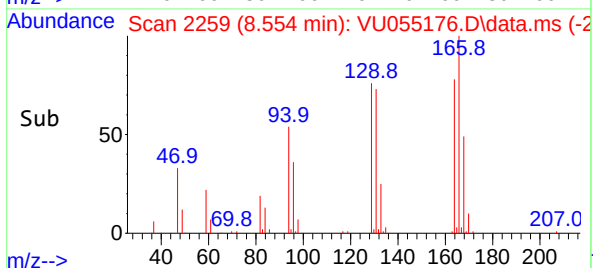
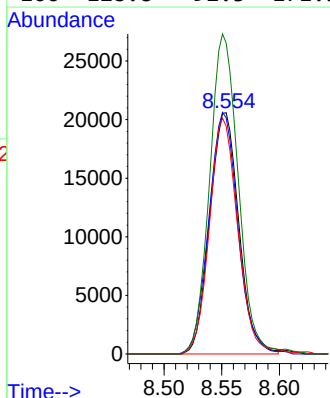
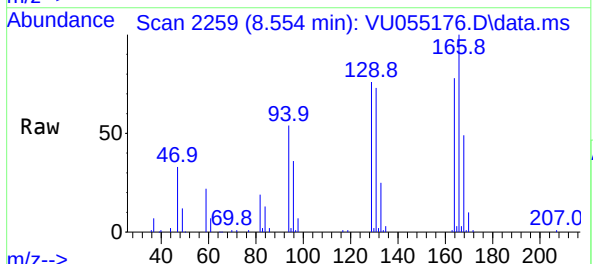
Ion	Ratio	Lower	Upper
97	100		
99	65.9	44.9	83.5
83	91.2	66.9	124.3
85	60.7	42.2	78.4

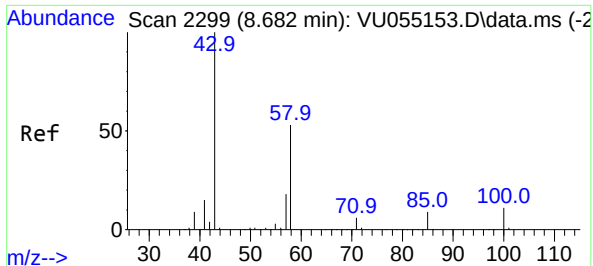


#47
Tetrachloroethene
Concen: 4.895 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Tgt Ion: 164 Resp: 36164

Ion	Ratio	Lower	Upper
164	100		
129	97.9	69.2	128.6
131	94.3	68.8	127.8
166	128.8	92.3	171.5

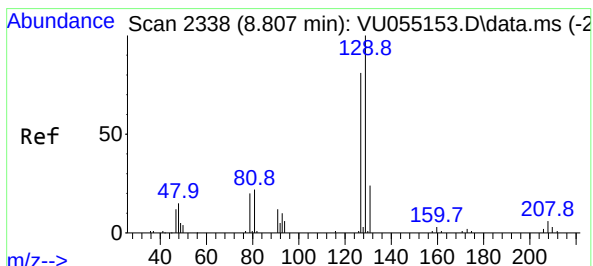
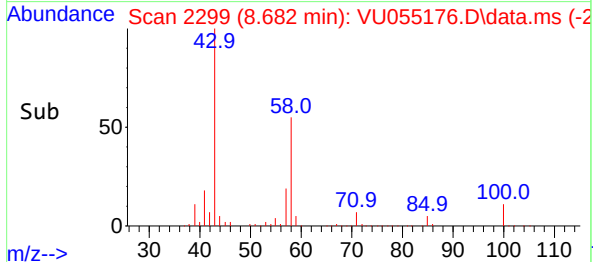
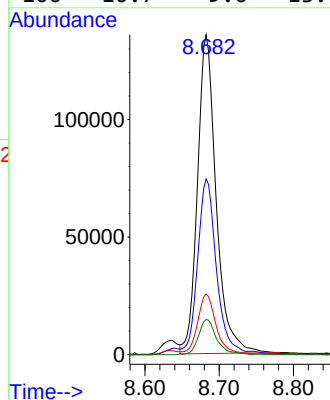
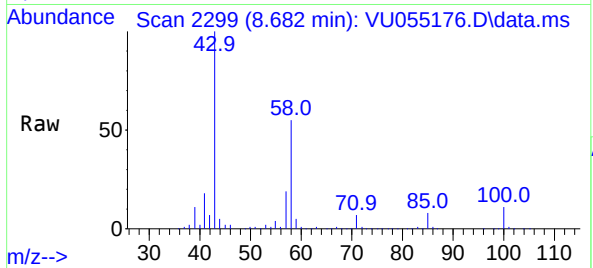




#48
2-Hexanone
Concen: 50.785 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

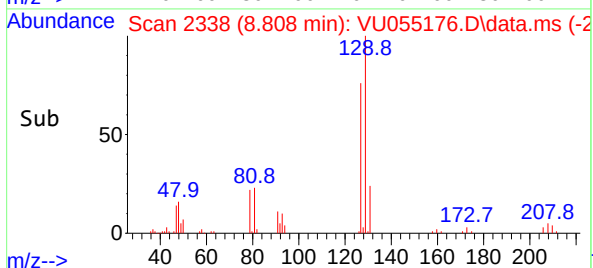
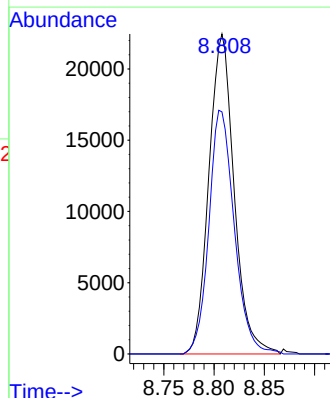
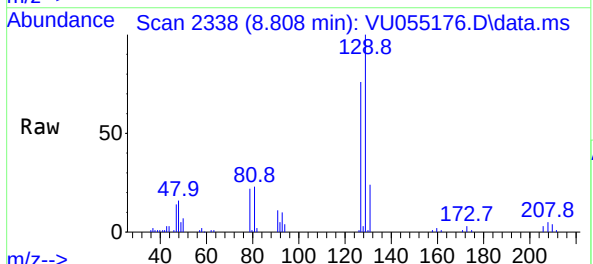
Instrument :
MSVOA_U
ClientSampleId :

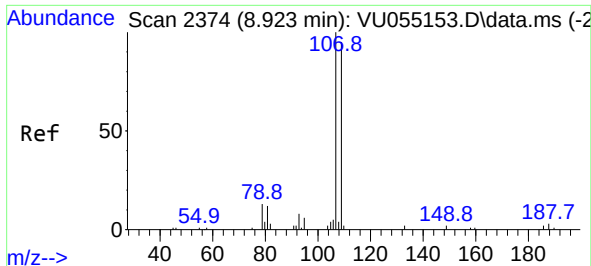
Tgt Ion: 43 Resp: 237593
Ion Ratio Lower Upper
43 100
58 53.3 44.0 66.0
57 18.5 16.2 24.2
100 10.7 9.0 13.4



#49
Dibromochloromethane
Concen: 5.085 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.001 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

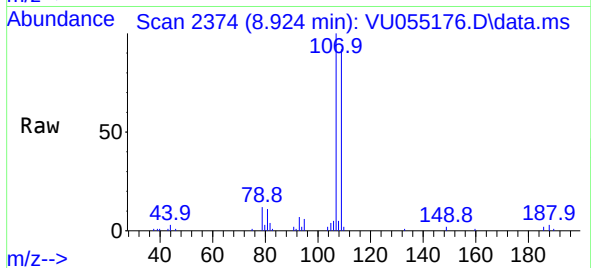
Tgt Ion:129 Resp: 39145
Ion Ratio Lower Upper
129 100
127 75.6 55.9 103.7



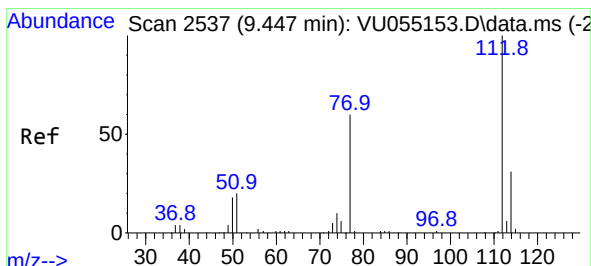
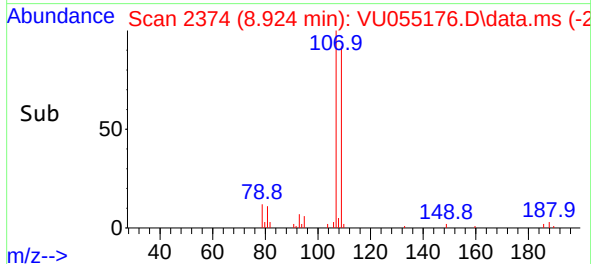
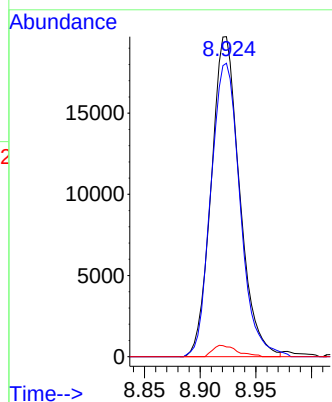


#50
1,2-Dibromoethane
Concen: 5.432 ug/L
RT: 8.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Instrument :
MSVOA_U
ClientSampleId :

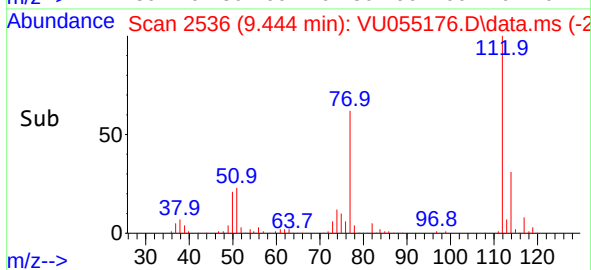
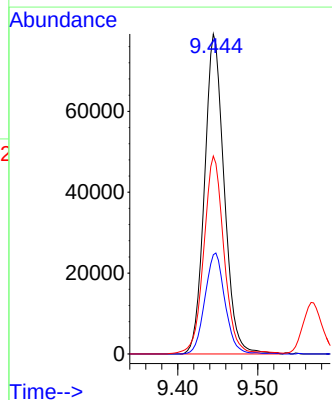
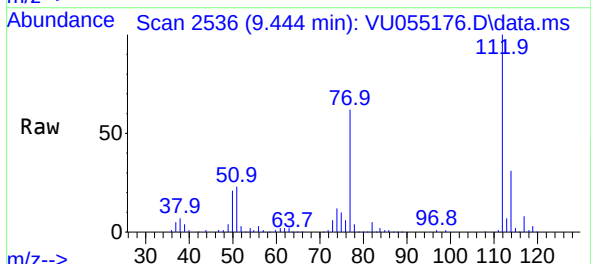


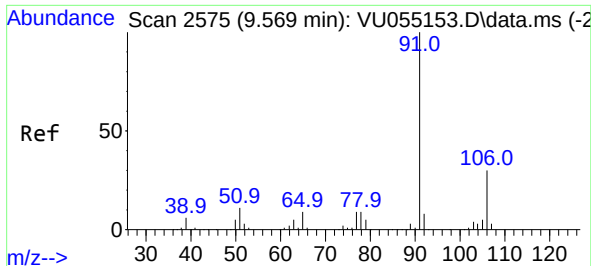
Tgt Ion:107 Resp: 34885
Ion Ratio Lower Upper
107 100
109 91.7 71.4 132.6
188 3.0 3.1 4.7#



#51
Chlorobenzene
Concen: 4.981 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.003 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Tgt Ion:112 Resp: 135247
Ion Ratio Lower Upper
112 100
114 31.0 21.7 40.3
77 61.8 48.6 72.8

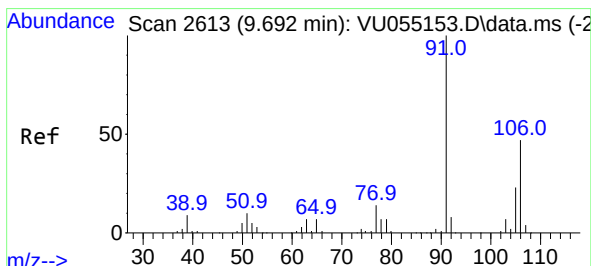
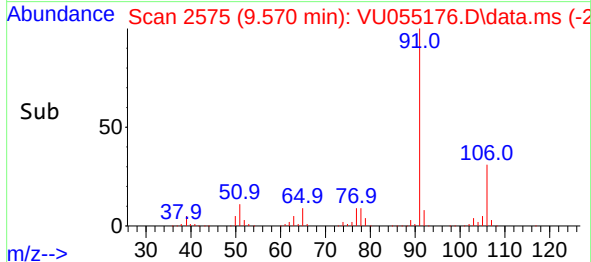
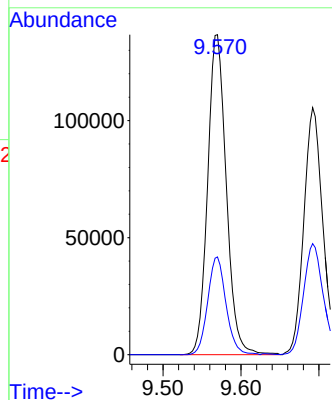
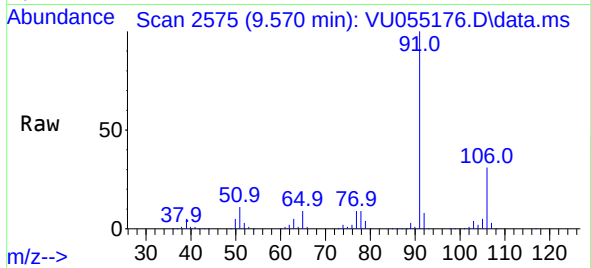




#52
Ethylbenzene
Concen: 4.960 ug/L
RT: 9.570 min Scan# 2575
Delta R.T. 0.001 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

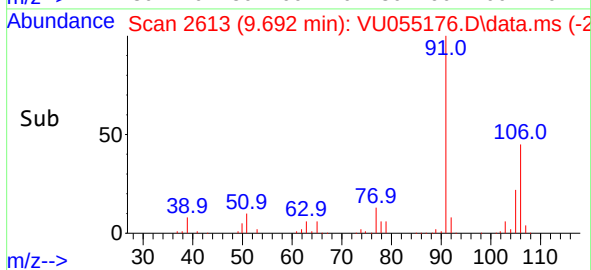
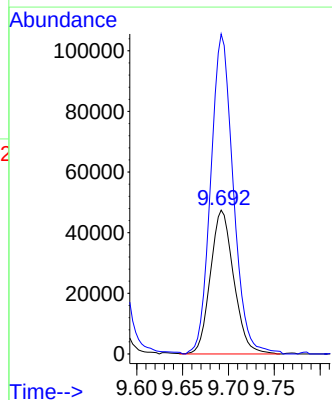
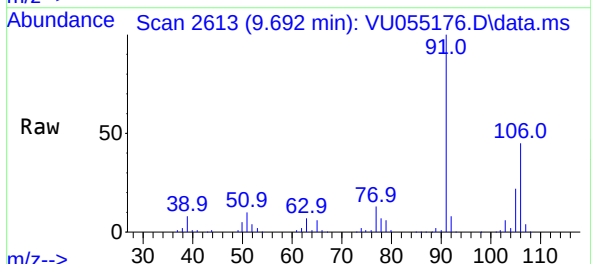
Instrument :
MSVOA_U
ClientSampleId :

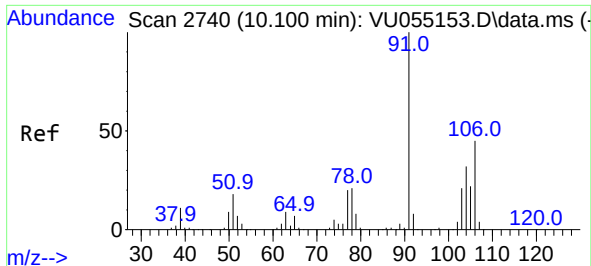
Tgt Ion: 91 Resp: 227535
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 4.944 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.003 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Tgt Ion: 106 Resp: 83916
Ion Ratio Lower Upper
106 100
91 222.4 148.3 275.5

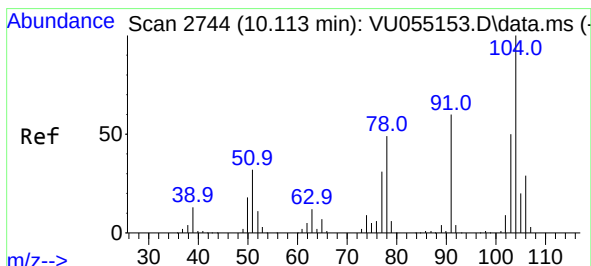
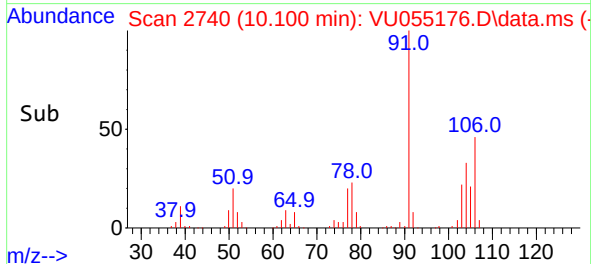
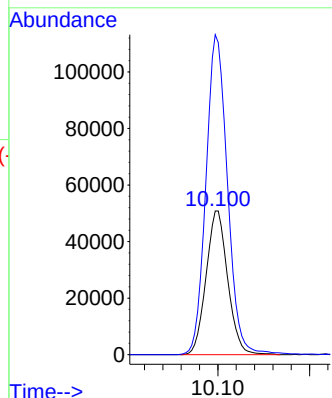
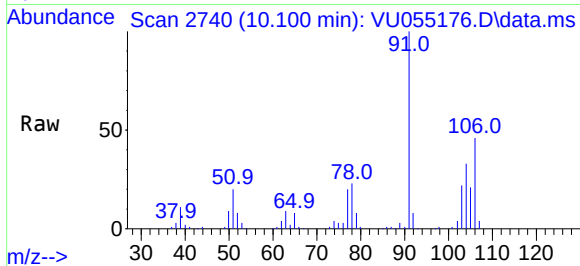




#54
o-Xylene
Concen: 4.991 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

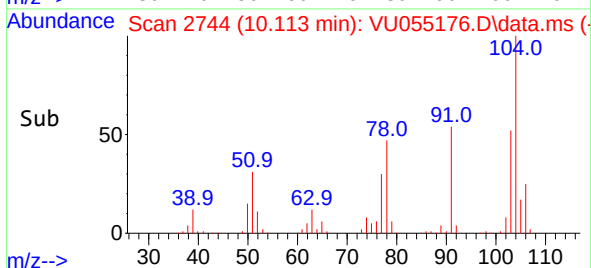
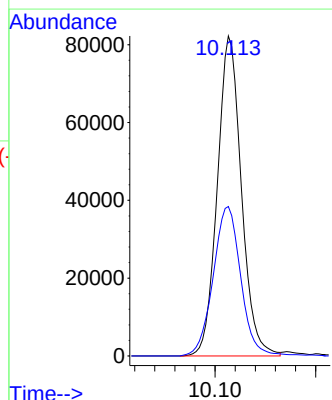
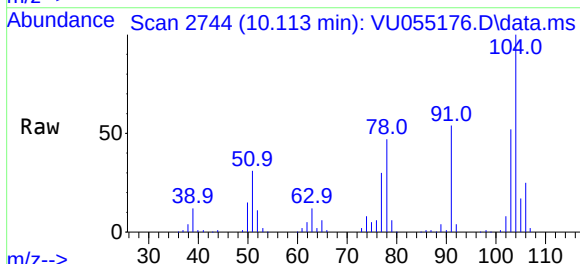
Instrument :
MSVOA_U
ClientSampleId :

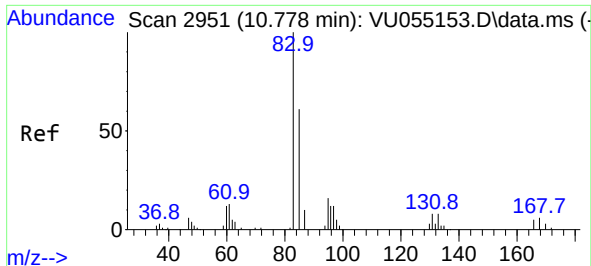
Tgt Ion:106 Resp: 83369
Ion Ratio Lower Upper
106 100
91 217.1 152.9 284.1



#55
Styrene
Concen: 4.956 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.001 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Tgt Ion:104 Resp: 136716
Ion Ratio Lower Upper
104 100
78 46.7 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.384 ug/L

RT: 10.779 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU055176.D

Acq: 07 Sep 2023 06:12

Instrument :

MSVOA_U

ClientSampleId :

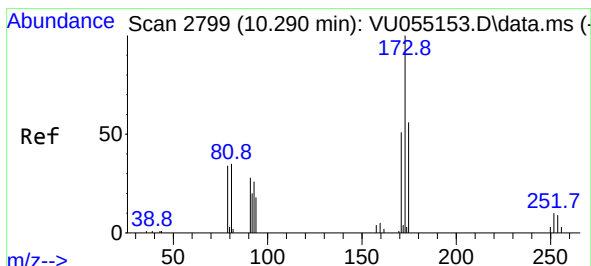
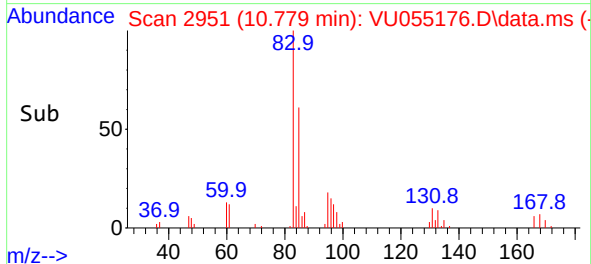
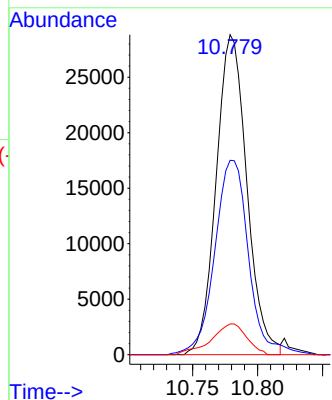
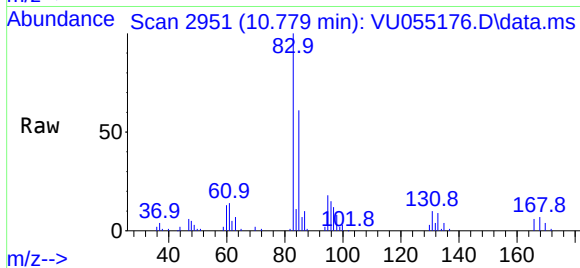
Tgt Ion: 83 Resp: 47299

Ion Ratio Lower Upper

83 100

85 60.8 42.4 78.6

131 9.6 7.6 11.4



#59

Bromoform

Concen: 5.041 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.001 min

Lab File: VU055176.D

Acq: 07 Sep 2023 06:12

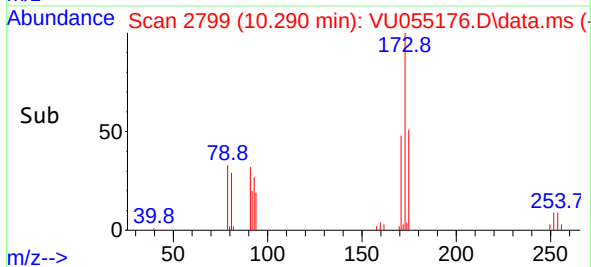
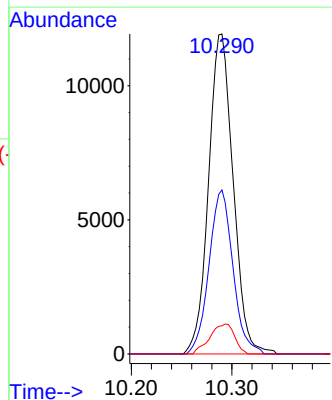
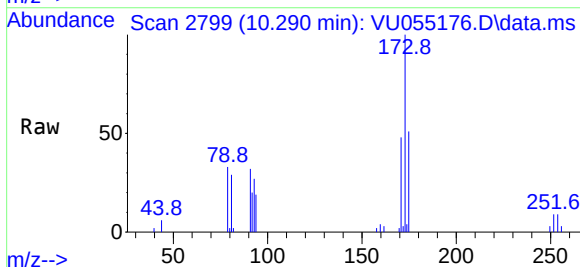
Tgt Ion:173 Resp: 20269

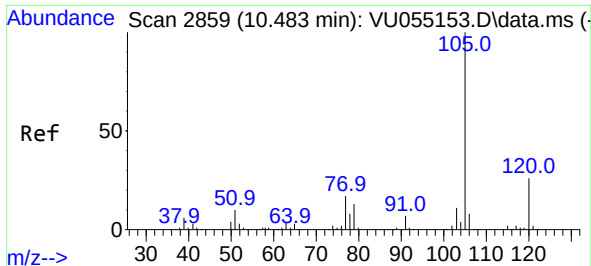
Ion Ratio Lower Upper

173 100

175 49.9 40.9 61.3

254 9.4 7.0 10.4

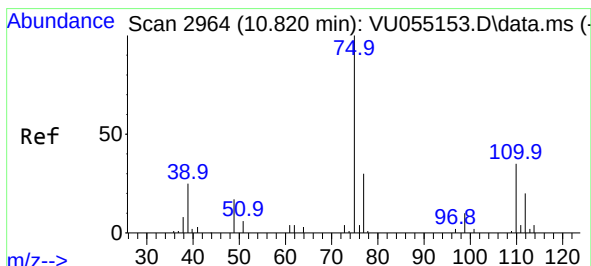
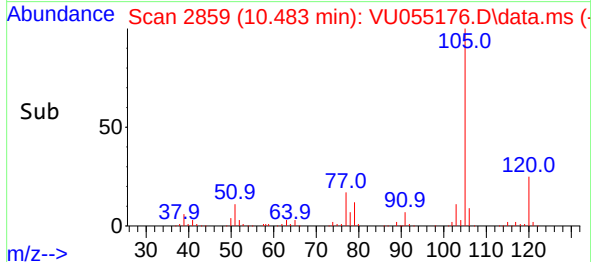
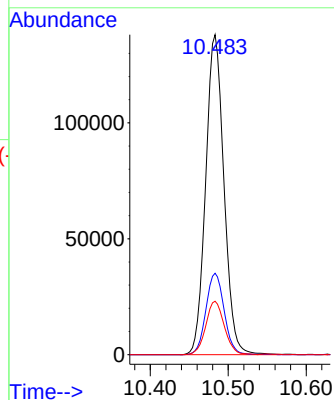
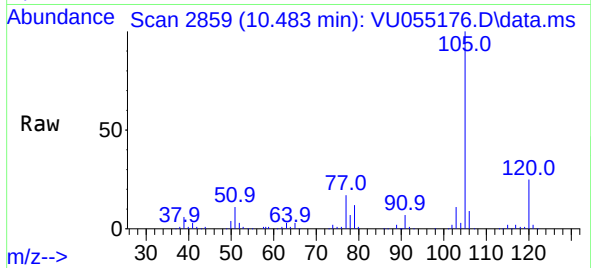




#60
Isopropylbenzene
Concen: 4.806 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.001 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

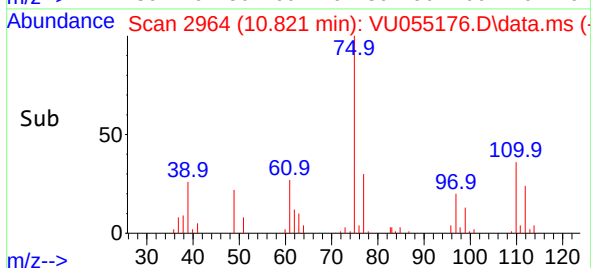
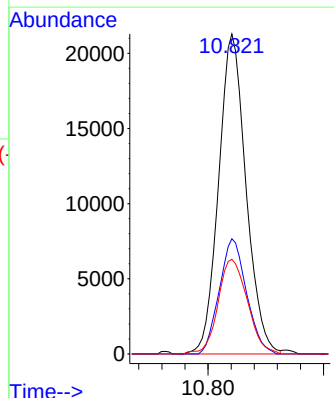
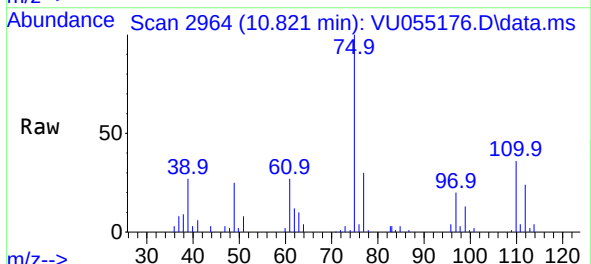
Instrument :
MSVOA_U
ClientSampleId :

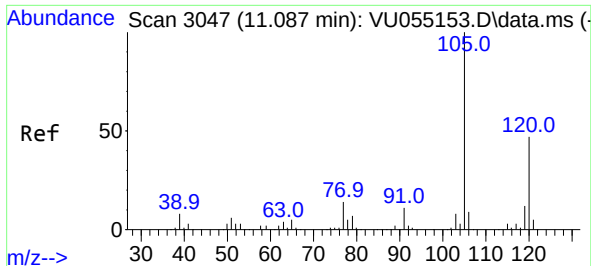
Tgt Ion:105 Resp: 225510
Ion Ratio Lower Upper
105 100
120 25.4 20.1 30.1
77 17.0 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.242 ug/L
RT: 10.821 min Scan# 2964
Delta R.T. 0.001 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Tgt Ion: 75 Resp: 35002
Ion Ratio Lower Upper
75 100
110 35.7 28.2 42.2
77 31.7 26.2 39.4

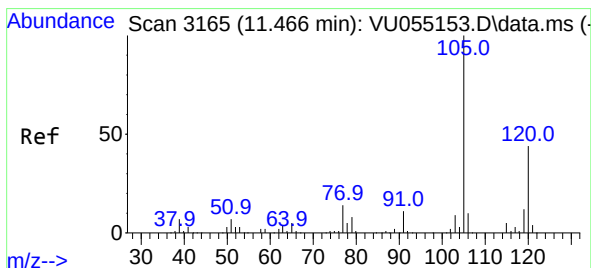
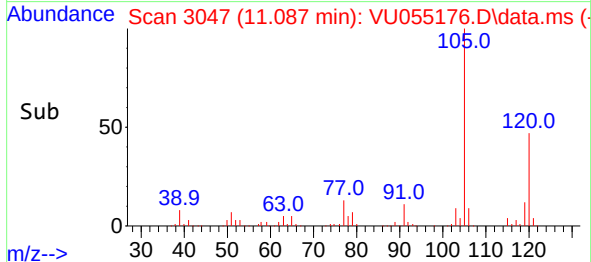
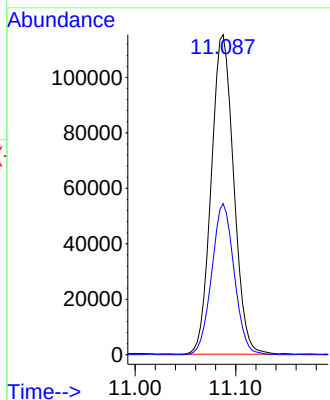
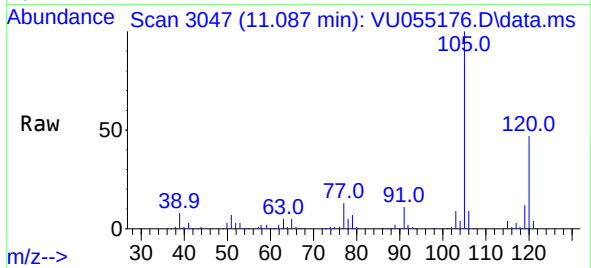




#62
1,3,5-Trimethylbenzene
Concen: 4.580 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

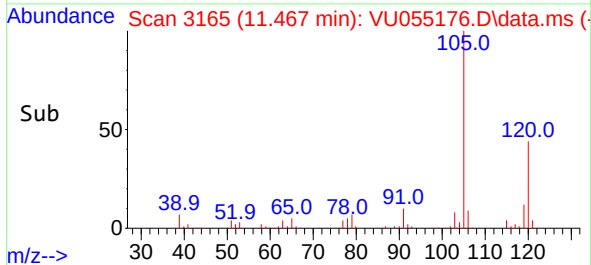
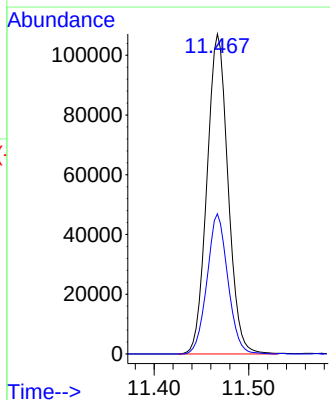
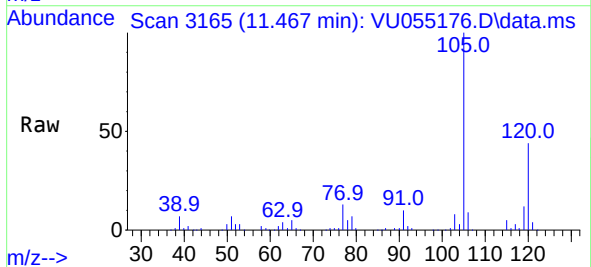
Instrument :
MSVOA_U
ClientSampleId :

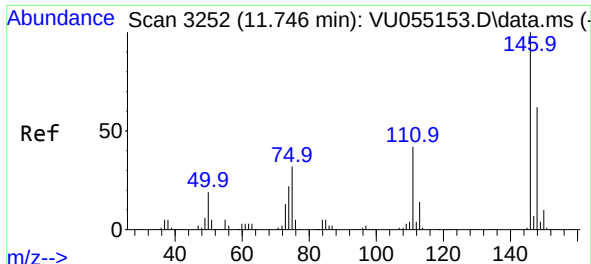
Tgt Ion:105 Resp: 178771
Ion Ratio Lower Upper
105 100
120 47.4 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 4.312 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.001 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

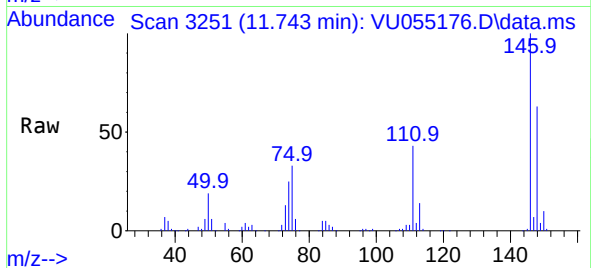
Tgt Ion:105 Resp: 165884
Ion Ratio Lower Upper
105 100
120 43.1 35.4 53.0



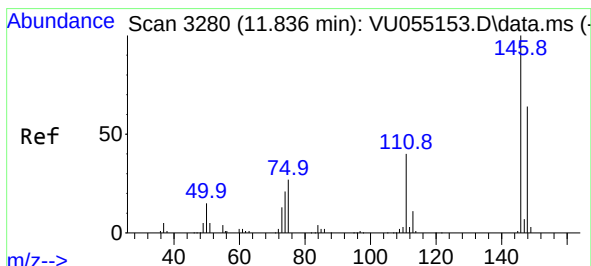
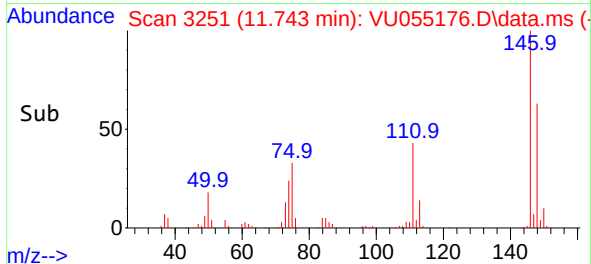
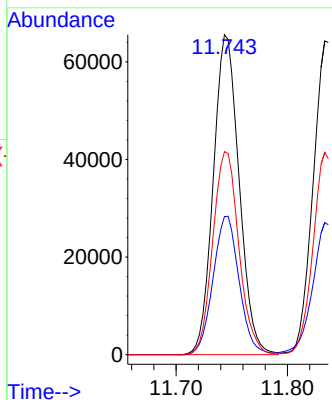


#64
1,3-Dichlorobenzene
Concen: 4.691 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Instrument :
MSVOA_U
ClientSampleId :

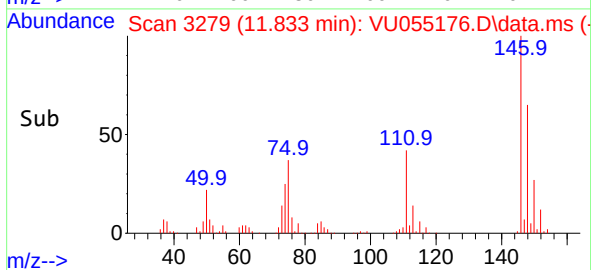
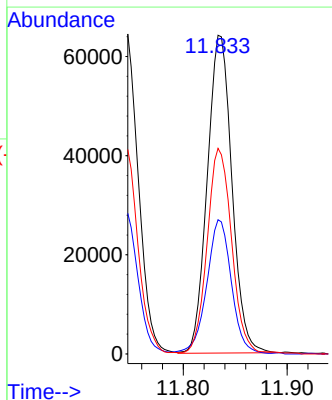
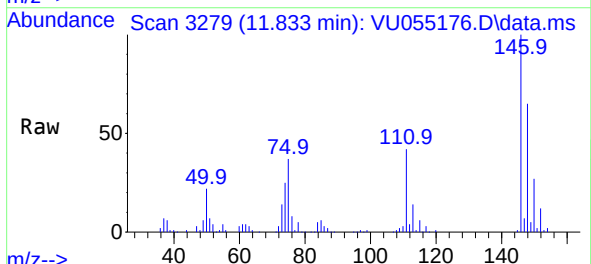


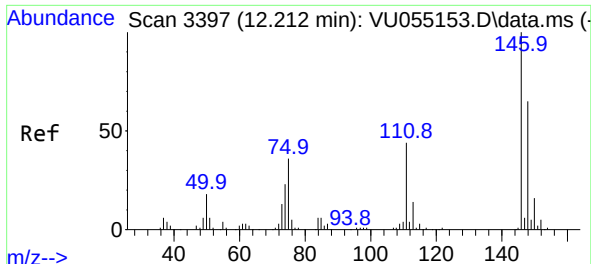
Tgt Ion:146 Resp: 105672
Ion Ratio Lower Upper
146 100
111 43.2 30.0 55.6
148 63.5 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.706 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.003 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Tgt Ion:146 Resp: 105663
Ion Ratio Lower Upper
146 100
111 42.1 28.1 52.1
148 64.5 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 4.688 ug/L

RT: 12.213 min Scan# 31

Delta R.T. 0.001 min

Lab File: VU055176.D

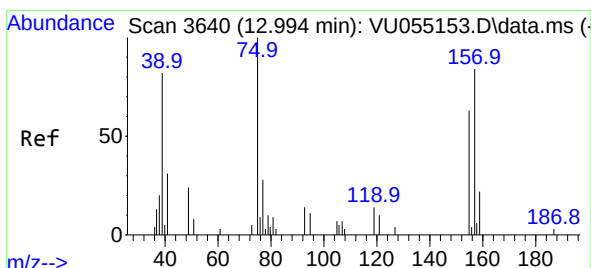
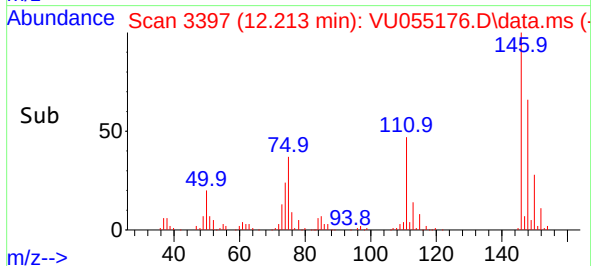
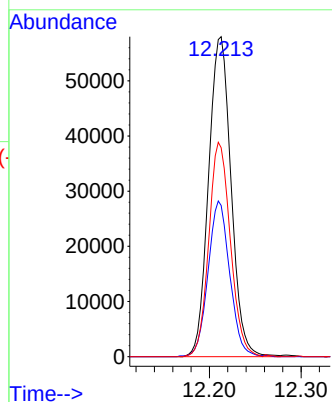
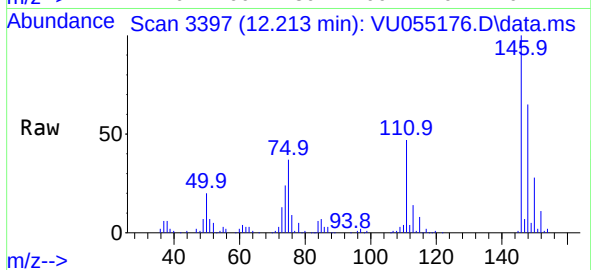
Acq: 07 Sep 2023 06:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	146	Resp:	99002
Ion	Ratio	Lower	Upper
146	100		
111	47.2	35.6	53.4
148	65.3	51.3	76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.271 ug/L

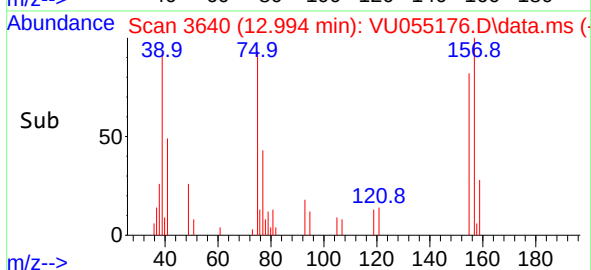
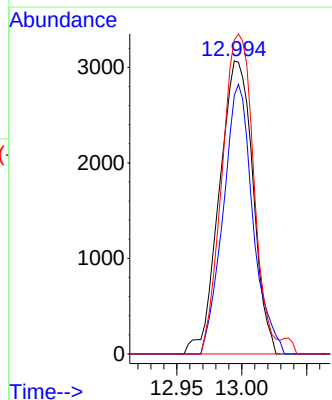
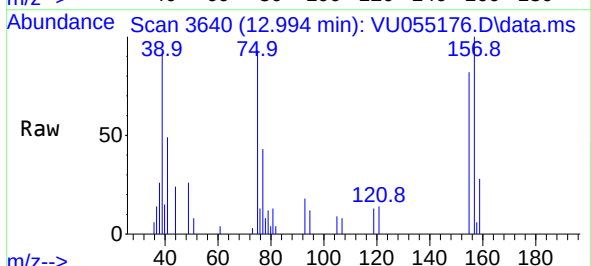
RT: 12.994 min Scan# 3640

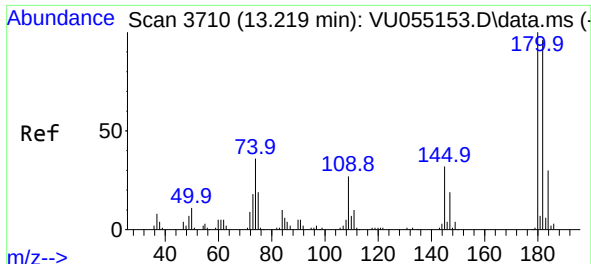
Delta R.T. 0.000 min

Lab File: VU055176.D

Acq: 07 Sep 2023 06:12

Tgt Ion:	75	Resp:	5495
Ion	Ratio	Lower	Upper
75	100		
155	88.1	61.1	91.7
157	107.1	66.8	100.2





#69

1,3,5-Trichlorobenzene

Concen: 4.102 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. 0.000 min

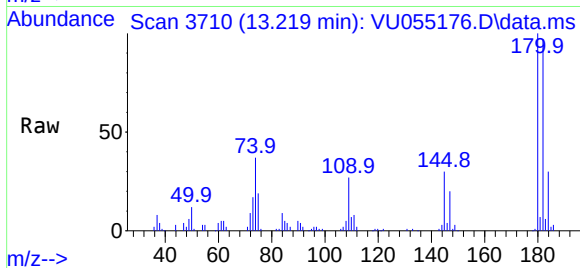
Lab File: VU055176.D

Acq: 07 Sep 2023 06:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 69823

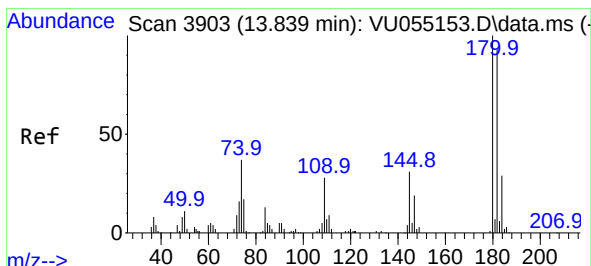
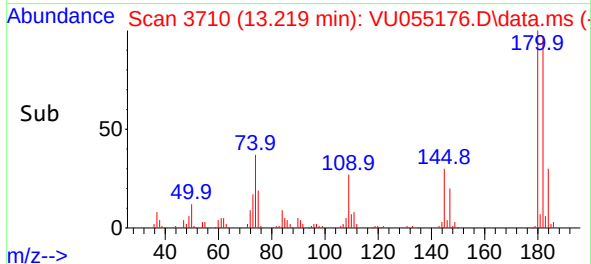
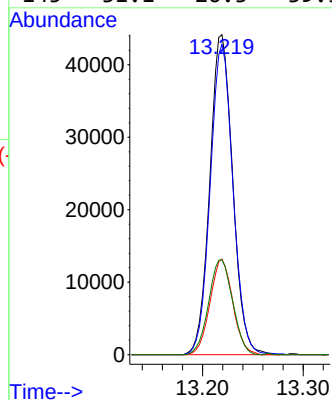
Ion Ratio Lower Upper

180 100

182 96.2 75.8 113.6

184 29.7 24.0 36.0

145 31.1 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 3.772 ug/L

RT: 13.840 min Scan# 3903

Delta R.T. 0.000 min

Lab File: VU055176.D

Acq: 07 Sep 2023 06:12

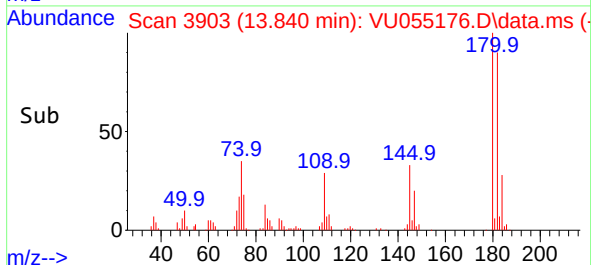
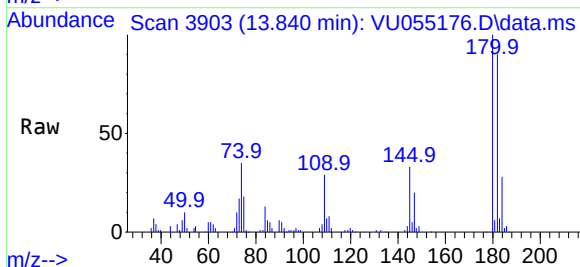
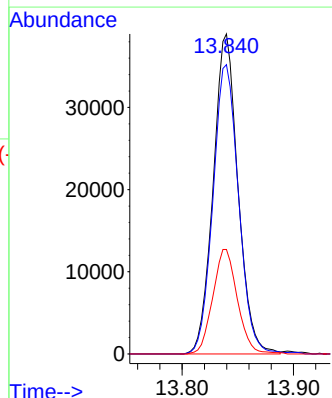
Tgt Ion:180 Resp: 60207

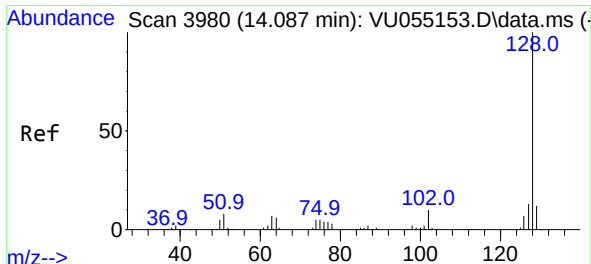
Ion Ratio Lower Upper

180 100

182 93.3 73.6 110.4

145 32.5 25.8 38.8

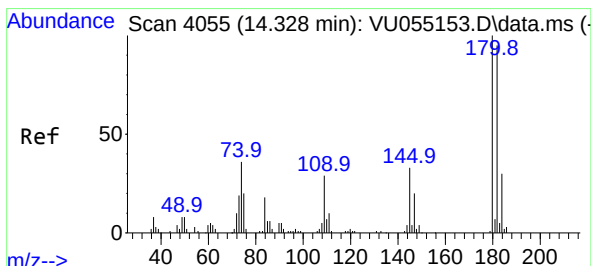
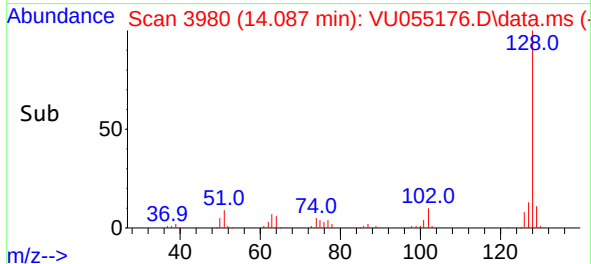
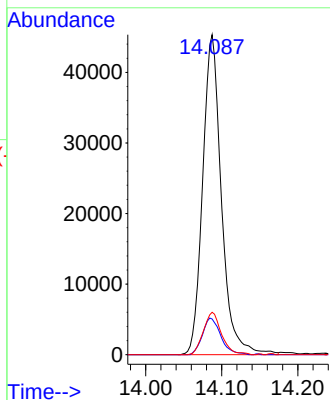
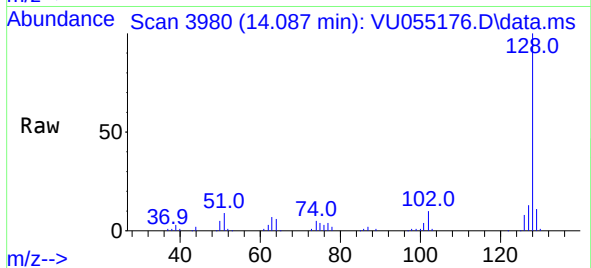




#71
Naphthalene
Concen: 2.682 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.001 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 77818
Ion Ratio Lower Upper
128 100
129 11.2 8.2 12.2
127 12.8 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 3.554 ug/L
RT: 14.329 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VU055176.D
Acq: 07 Sep 2023 06:12

Tgt Ion:180 Resp: 49245
Ion Ratio Lower Upper
180 100
182 96.1 75.6 113.4
145 31.3 27.0 40.6

