

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055959.D
 Acq On : 28 Oct 2023 06:55
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 07:42:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	381605	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	377229	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	196990	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	116621	3.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.914	69	92258	3.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.567	65	54360	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.628	46	219709	40.798	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.600%
24) Chloroform-d	5.059	84	242602	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.698	65	105926	3.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
32) Benzene-d6	5.724	84	497000	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.685	67	140401	4.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.894	98	459439	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.177	79	51278	3.936	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.631	63	182356	55.139	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.280%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	102456	4.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	154329	4.199	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	148007	6.805	ug/L	97
3) Chloromethane	1.518	50	152054	7.322	ug/L	97
5) Vinyl chloride	1.605	62	162729	7.115	ug/L	97
6) Bromomethane	1.859	94	86210	6.084	ug/L	98
8) Chloroethane	1.933	64	94643	7.062	ug/L	98
9) Trichlorofluoromethane	2.139	101	224412	7.113	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.583	101	138926	6.704	ug/L	98
12) 1,1-Dichloroethene	2.580	96	135451	7.324	ug/L	78
13) Acetone	2.637	43	164974	53.758	ug/L	95
14) Carbon disulfide	2.795	76	456200	9.633	ug/L	100
15) Methyl Acetate	2.952	43	61859	9.894	ug/L	98
16) Methylene chloride	3.046	84	153858	7.342	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	304257	6.779	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	144602	7.885	ug/L	97
19) 1,1-Dichloroethane	3.866	63	264286	7.098	ug/L	98
21) 2-Butanone	4.705	43	277348	61.479	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	157114	7.076	ug/L	97
23) Bromochloromethane	4.972	128	67068	7.414	ug/L	89
25) Chloroform	5.084	83	274583	6.878	ug/L	100

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Quant Time: Oct 28 07:42:09 2023
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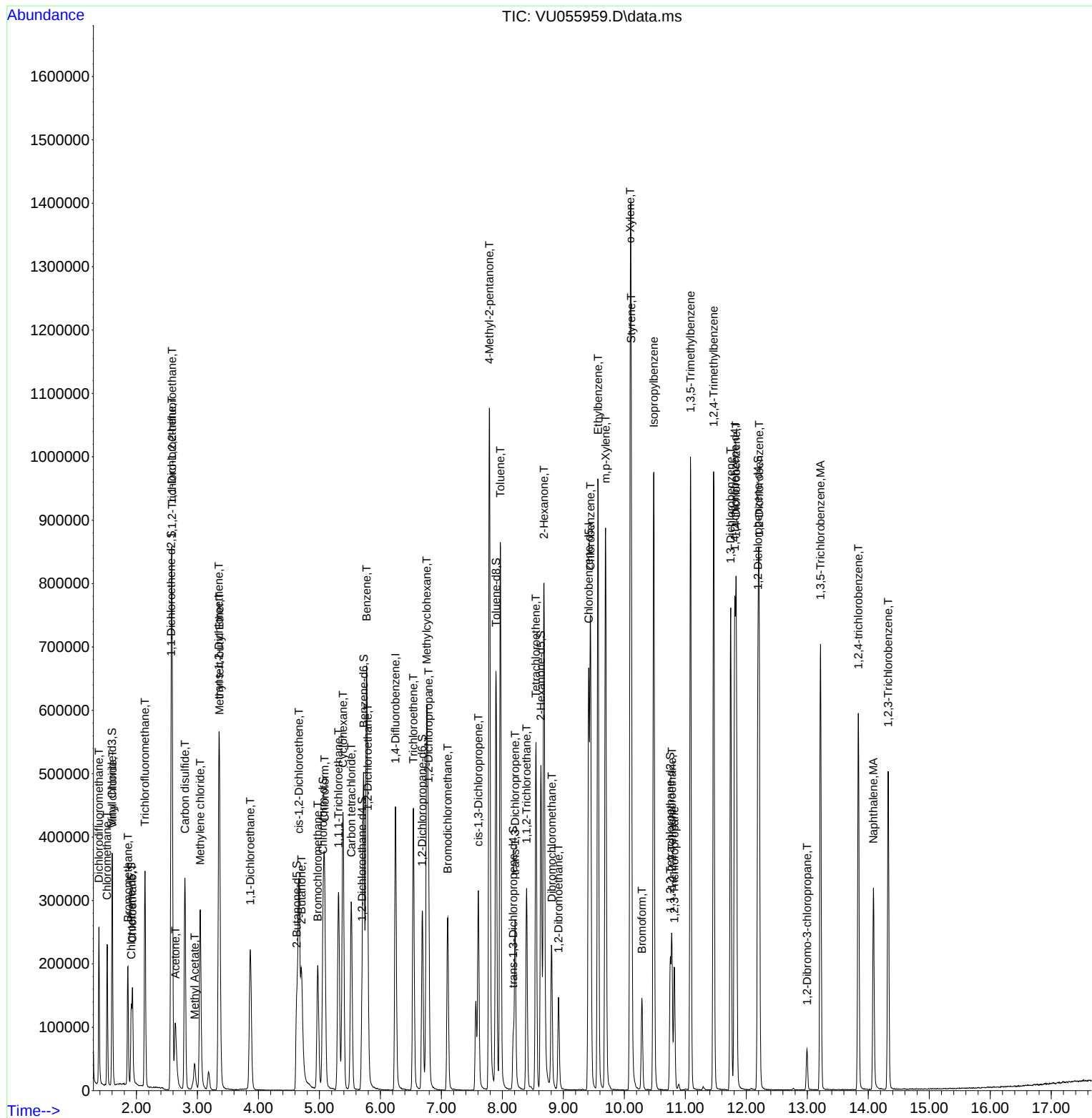
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	147686	6.296	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	236302	6.873	ug/L	98
30) Cyclohexane	5.386	56	226419	7.805	ug/L	100
31) Carbon tetrachloride	5.522	117	211219	7.202	ug/L	97
33) Benzene	5.772	78	606466	7.285	ug/L	100
34) Trichloroethene	6.541	95	163953	7.041	ug/L	100
35) Methylcyclohexane	6.759	83	238952	7.603	ug/L	98
37) 1,2-Dichloropropane	6.788	63	149919	6.782	ug/L	100
38) Bromodichloromethane	7.103	83	187270	6.749	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	200683	6.373	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	702414	65.922	ug/L	97
42) Toluene	7.965	91	656105	7.541	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	162307	6.385	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	103297	6.646	ug/L	98
47) Tetrachloroethene	8.550	164	124304	7.622	ug/L	97
48) 2-Hexanone	8.682	43	506342	60.437	ug/L	98
49) Dibromochloromethane	8.808	129	124272	7.284	ug/L	98
50) 1,2-Dibromoethane	8.920	107	97593	6.920	ug/L	99
51) Chlorobenzene	9.444	112	407229	7.142	ug/L	100
52) Ethylbenzene	9.566	91	713331	7.233	ug/L	100
53) m,p-Xylene	9.692	106	267072	7.246	ug/L	99
54) o-Xylene	10.097	106	262862	7.289	ug/L	99
55) Styrene	10.113	104	437439	7.567	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	120949	6.723	ug/L	97
59) Bromoform	10.287	173	70953	7.080	ug/L	99
60) Isopropylbenzene	10.483	105	664721	6.772	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	85175	6.298	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	562953	7.018	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	567179	7.611	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	319906	6.875	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	309476	6.664	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	289977	6.787	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	18035	7.474	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	223739	7.036	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	182004	7.744	ug/L	99
71) Naphthalene	14.084	128	269510	7.919	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	159131	7.853	ug/L	99

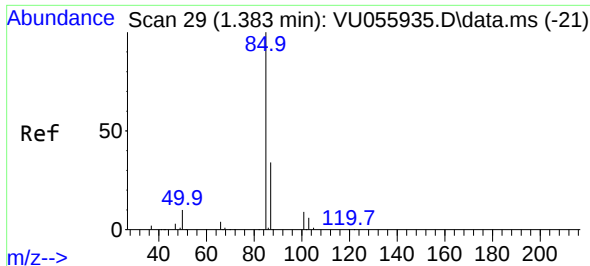
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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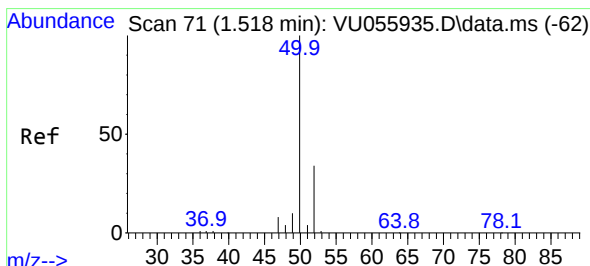
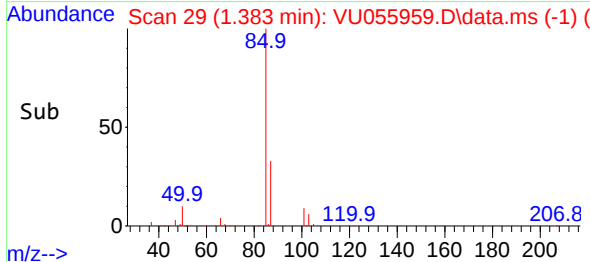
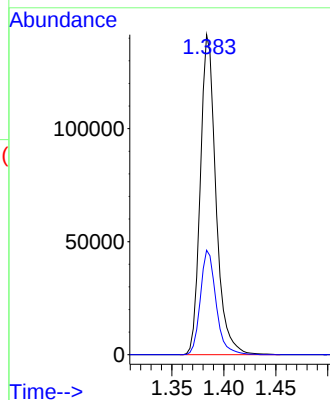
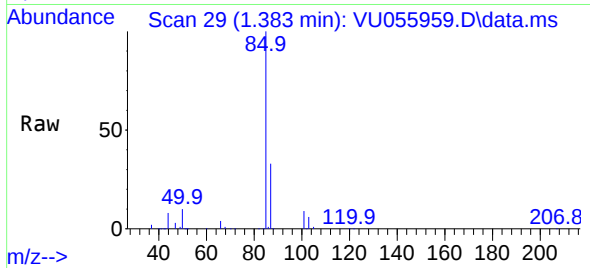




#2
Dichlorodifluoromethane
Concen: 6.805 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

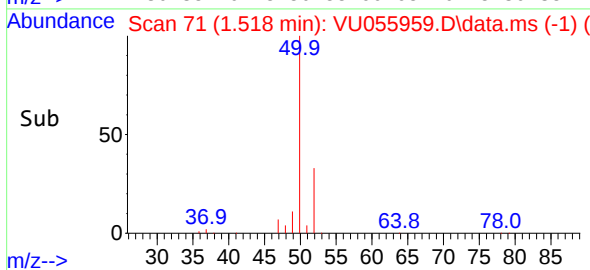
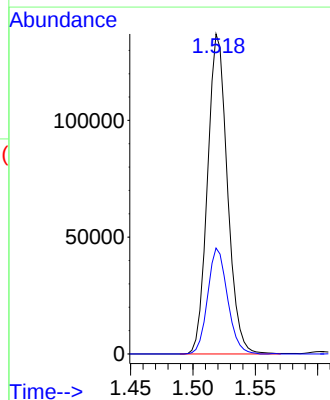
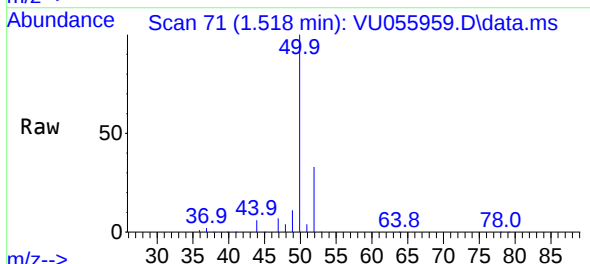
Instrument :
MSVOA_U
ClientSampleId :

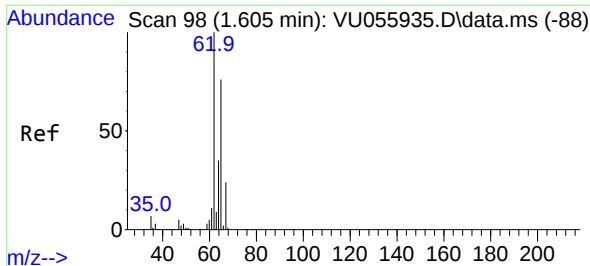
Tgt Ion: 85 Resp: 148007
Ion Ratio Lower Upper
85 100
87 32.7 25.0 37.4



#3
Chloromethane
Concen: 7.322 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

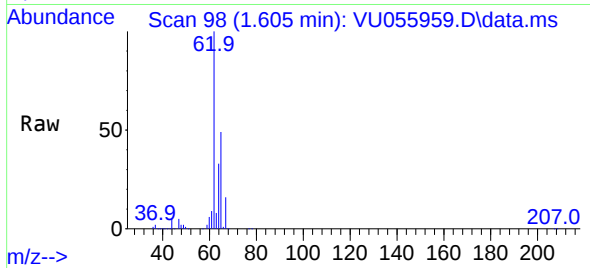
Tgt Ion: 50 Resp: 152054
Ion Ratio Lower Upper
50 100
52 33.1 22.0 40.8



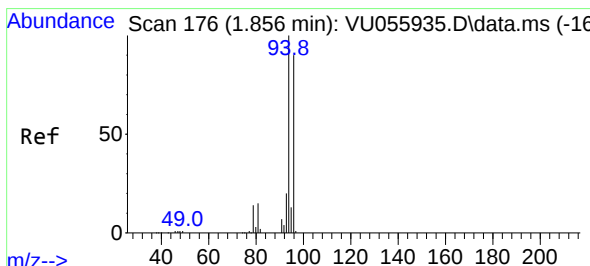
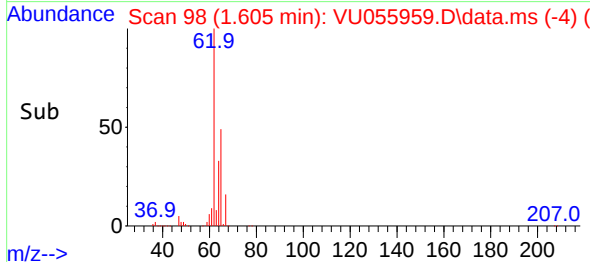
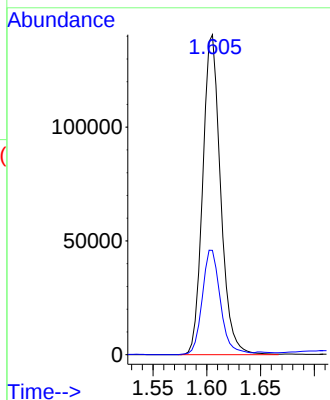


#5
 Vinyl chloride
 Concen: 7.115 ug/L
 RT: 1.605 min Scan# 98
 Delta R.T. 0.003 min
 Lab File: VU055959.D
 Acq: 28 Oct 2023 06:55

Instrument :
 MSVOA_U
 ClientSampleId :

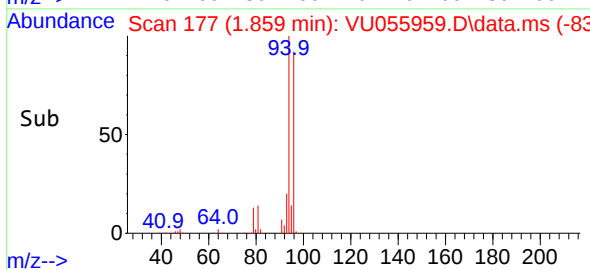
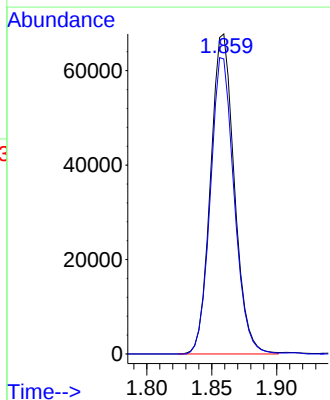
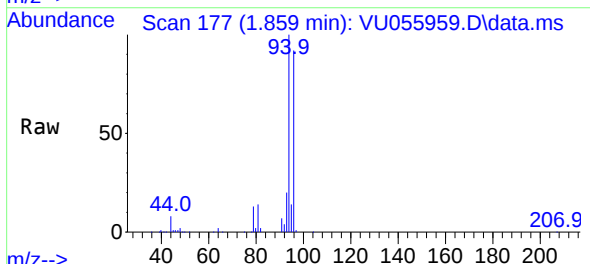


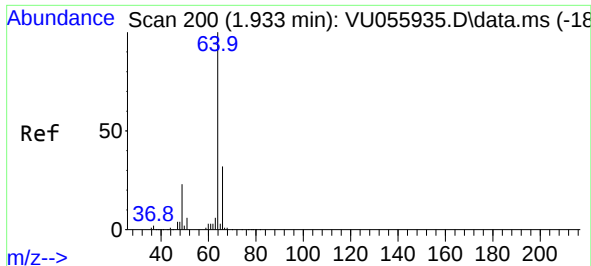
Tgt Ion: 62 Resp: 162729
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.2 45.0



#6
 Bromomethane
 Concen: 6.084 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. 0.003 min
 Lab File: VU055959.D
 Acq: 28 Oct 2023 06:55

Tgt Ion: 94 Resp: 86210
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.9 122.5

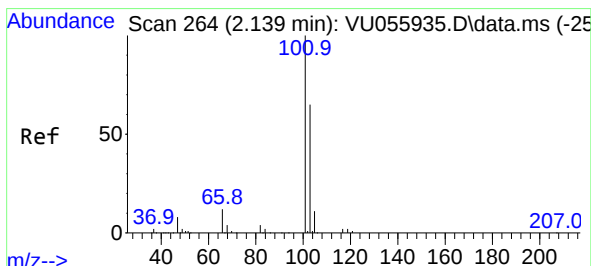
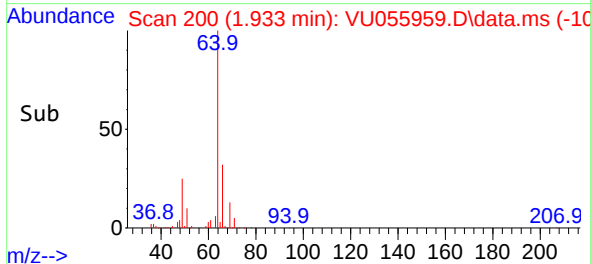
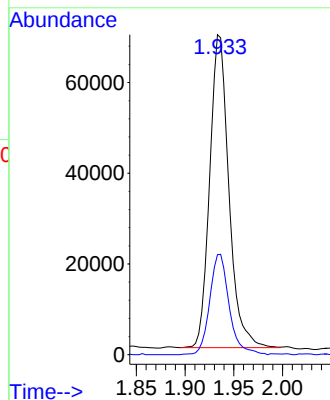
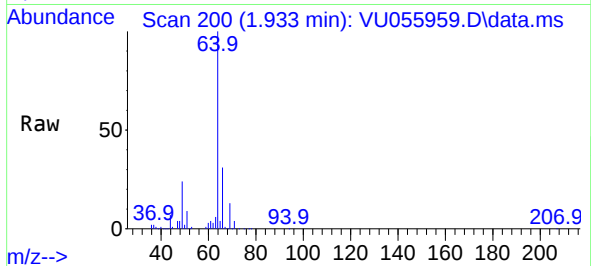




#8
Chloroethane
Concen: 7.062 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

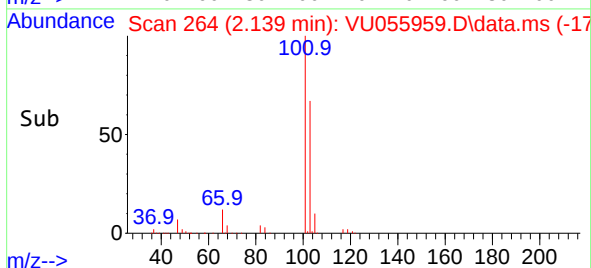
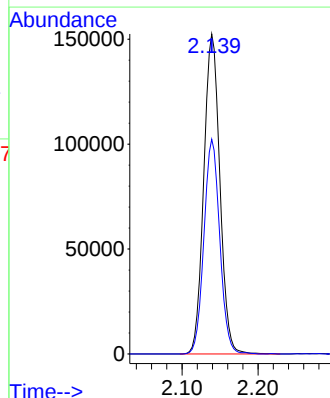
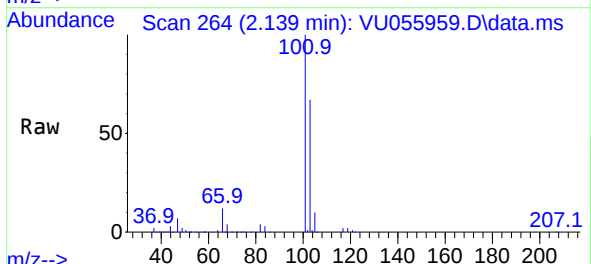
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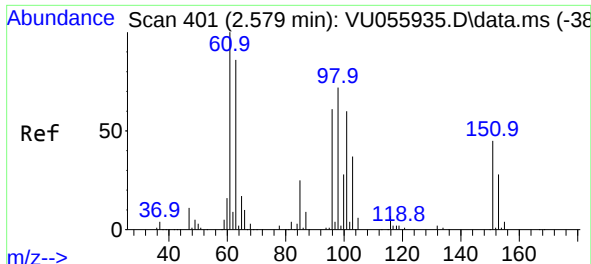
Tgt Ion: 64 Resp: 94643
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 7.113 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion:101 Resp: 224412
Ion Ratio Lower Upper
101 100
103 65.8 52.2 78.2

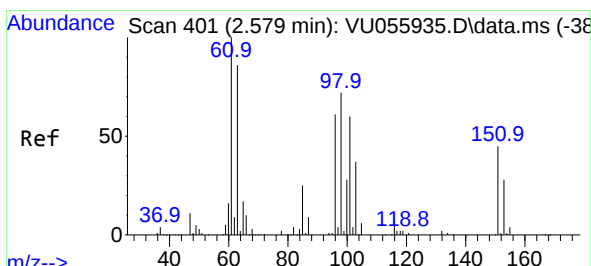
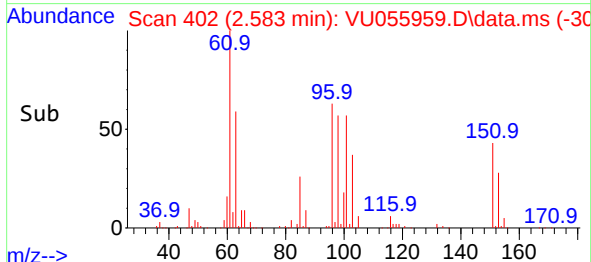
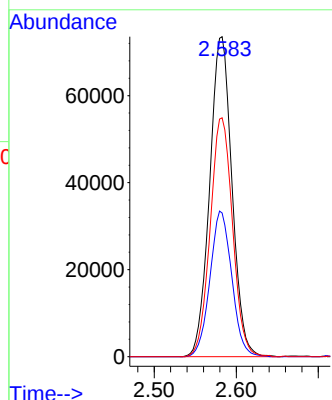
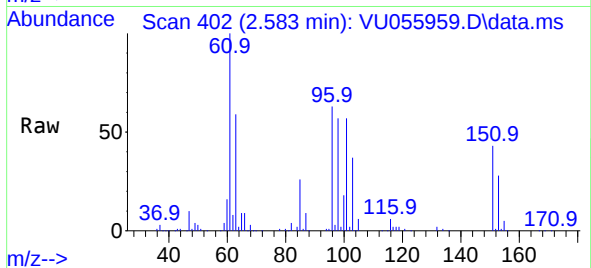




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.704 ug/L
RT: 2.583 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU055959.D
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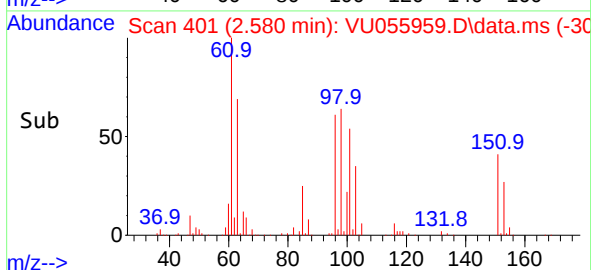
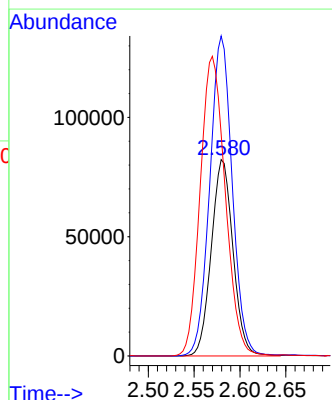
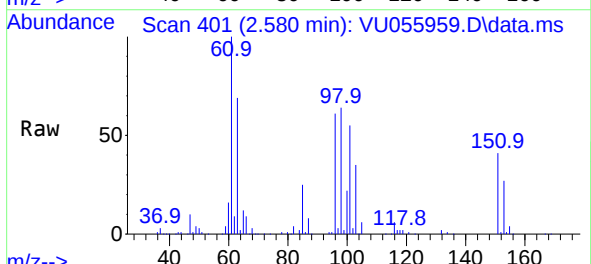
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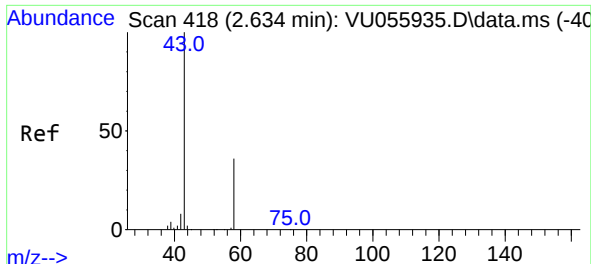
Tgt Ion:101 Resp: 138926
Ion Ratio Lower Upper
101 100
85 44.5 34.4 51.6
151 75.0 58.4 87.6



#12
1,1-Dichloroethene
Concen: 7.324 ug/L
RT: 2.580 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion: 96 Resp: 135451
Ion Ratio Lower Upper
96 100
61 163.0 123.8 230.0
63 113.1 111.0 206.2





#13

Acetone

Concen: 53.758 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU055959.D

Acq: 28 Oct 2023 06:55

Instrument :

MSVOA_U

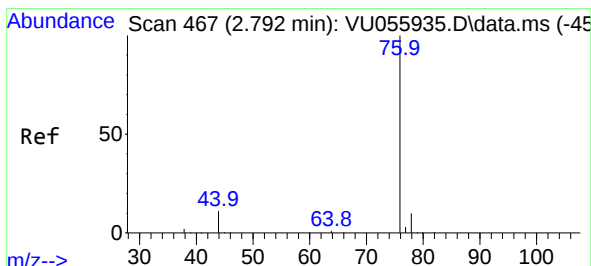
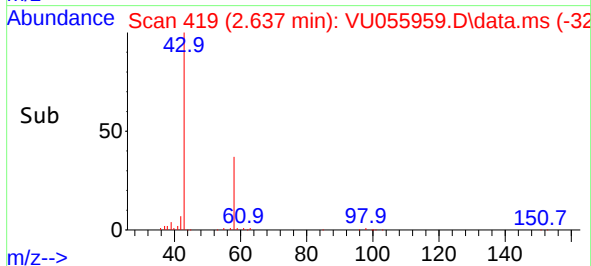
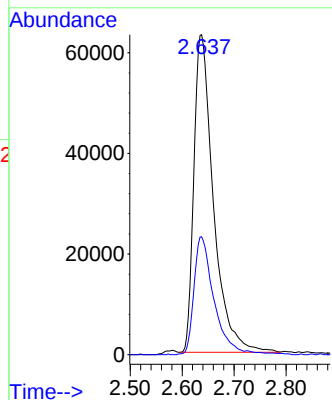
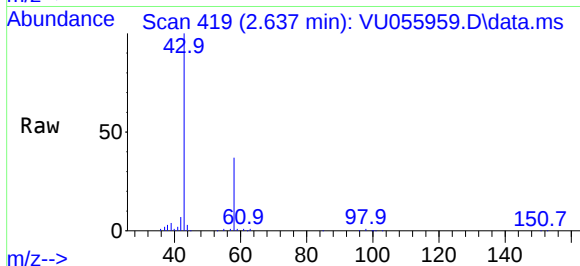
ClientSampleId :

Tgt Ion: 43 Resp: 164974

Ion Ratio Lower Upper

43 100

58 37.3 0.0 69.0



#14

Carbon disulfide

Concen: 9.633 ug/L

RT: 2.795 min Scan# 468

Delta R.T. 0.006 min

Lab File: VU055959.D

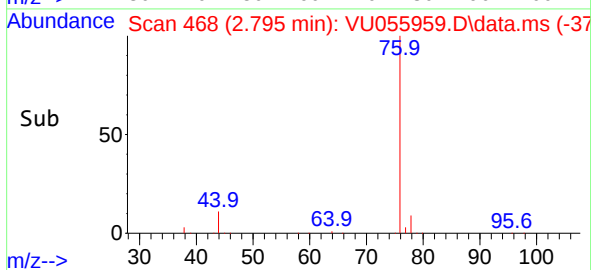
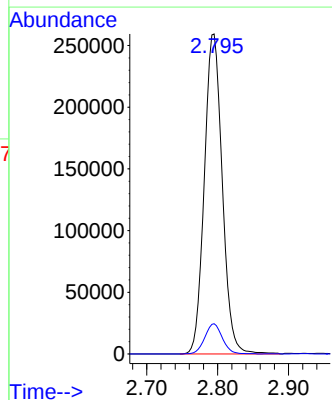
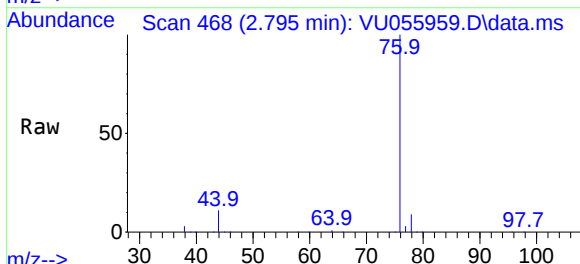
Acq: 28 Oct 2023 06:55

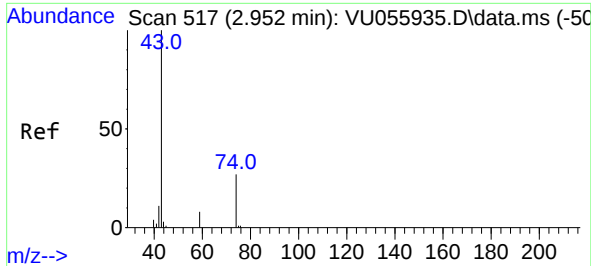
Tgt Ion: 76 Resp: 456200

Ion Ratio Lower Upper

76 100

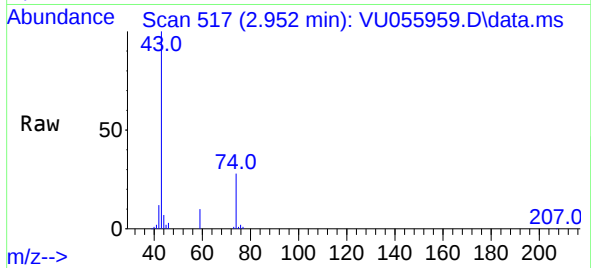
78 9.5 7.5 11.3



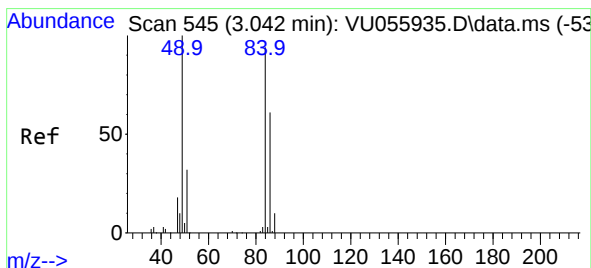
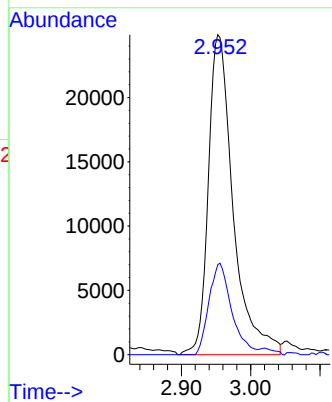
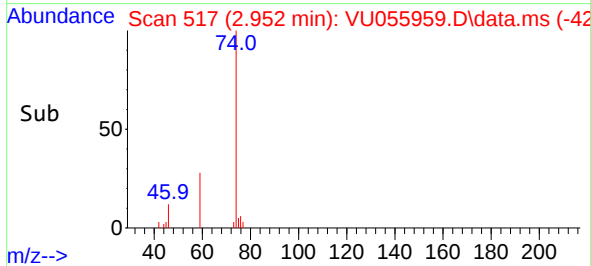


#15
Methyl Acetate
Concen: 9.894 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

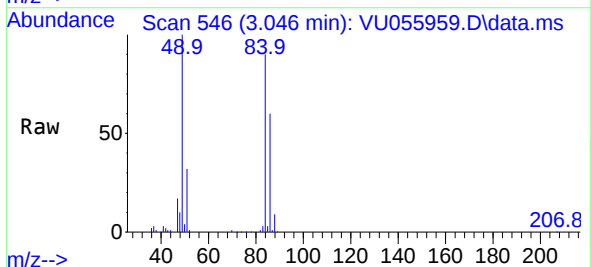
Instrument :
MSVOA_U
ClientSampleId :



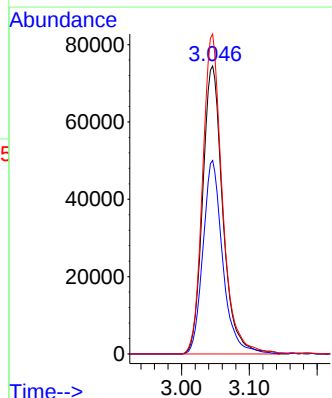
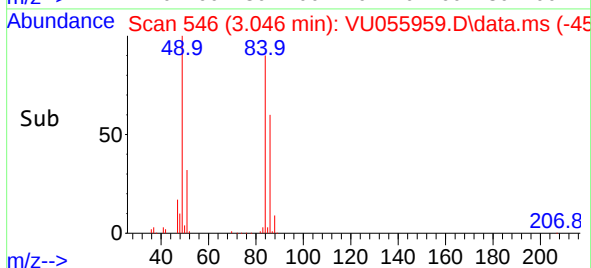
Tgt Ion: 43 Resp: 61859
Ion Ratio Lower Upper
43 100
74 26.1 19.9 29.9

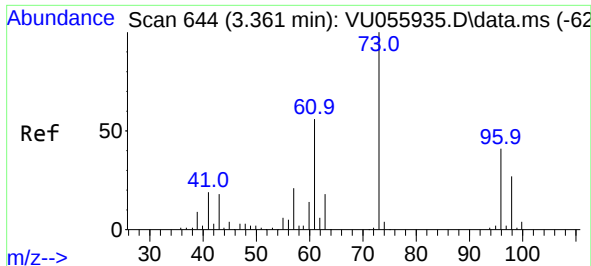


#16
Methylene chloride
Concen: 7.342 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55



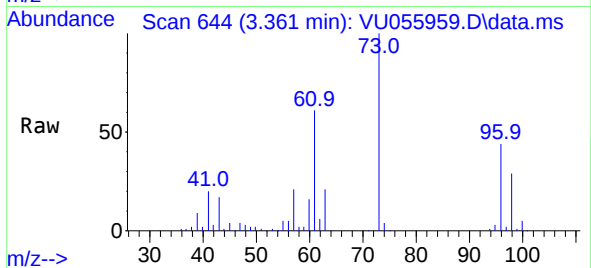
Tgt Ion: 84 Resp: 153858
Ion Ratio Lower Upper
84 100
86 67.2 45.2 84.0
49 111.1 78.8 146.3





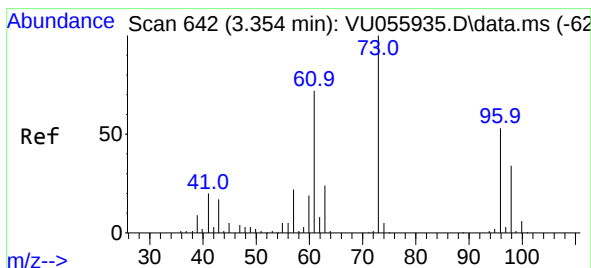
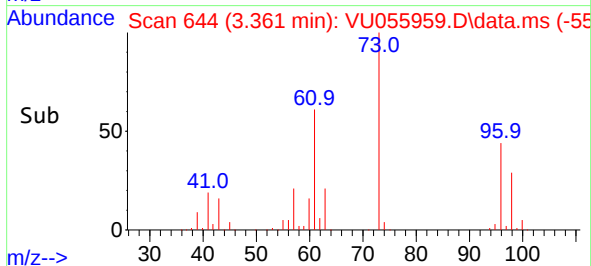
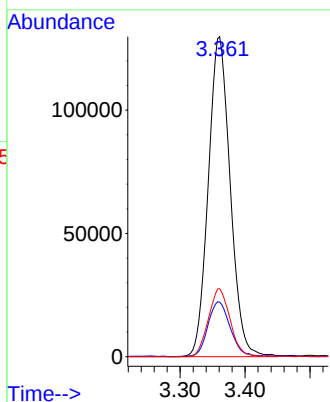
#17
Methyl tert-butyl Ether
Concen: 6.779 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 304257

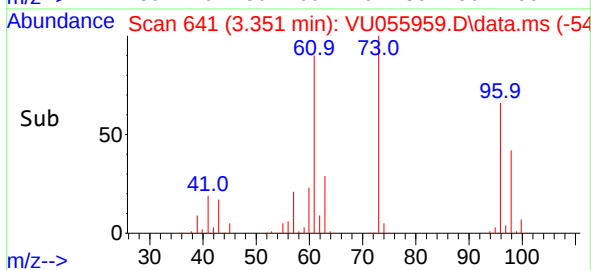
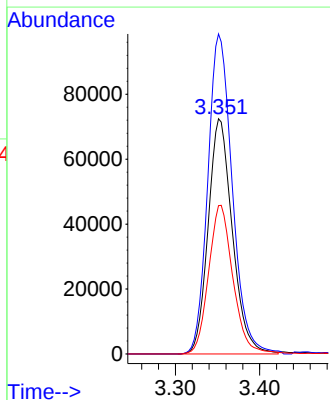
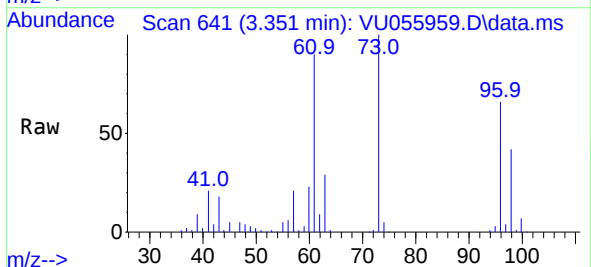
Ion	Ratio	Lower	Upper
73	100		
43	17.5	14.4	21.6
57	21.1	17.0	25.4

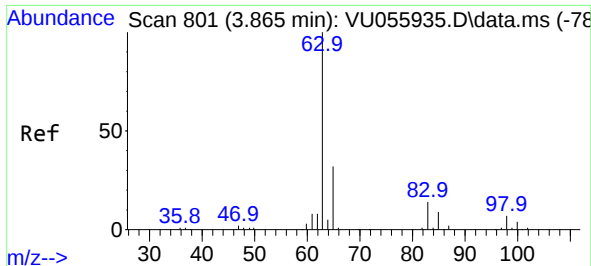


#18
trans-1,2-Dichloroethene
Concen: 7.885 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion: 96 Resp: 144602

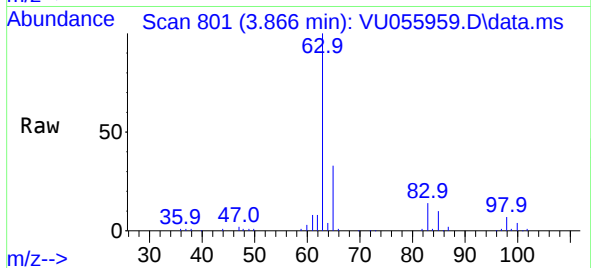
Ion	Ratio	Lower	Upper
96	100		
61	136.0	97.5	181.1
98	63.0	42.7	79.3



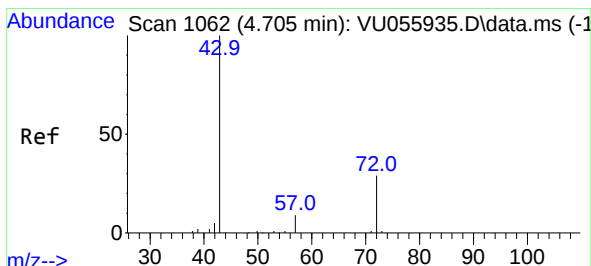
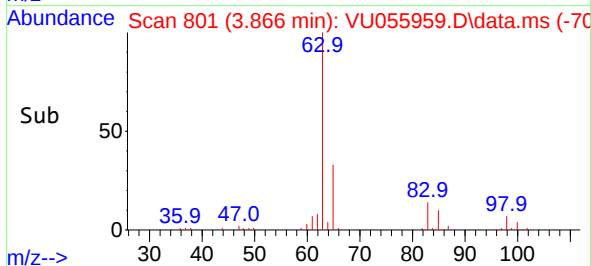
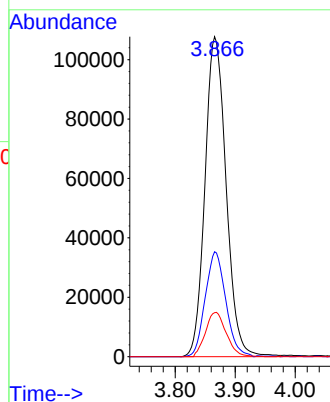


#19
1,1-Dichloroethane
Concen: 7.098 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Instrument :
MSVOA_U
ClientSampleId :

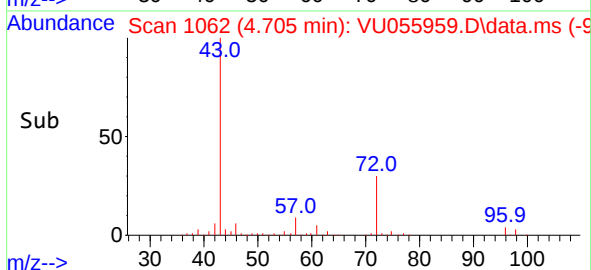
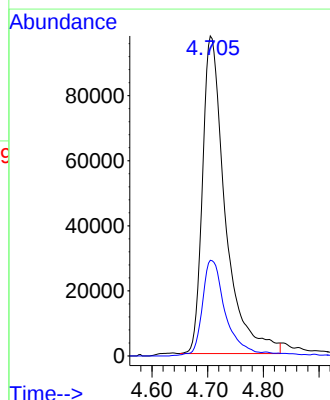
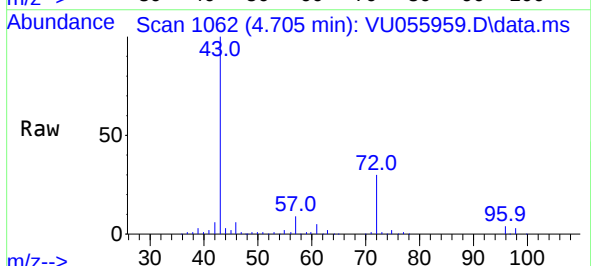


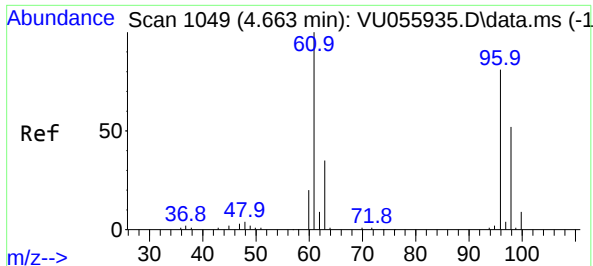
Tgt Ion: 63 Resp: 264286
Ion Ratio Lower Upper
63 100
65 32.8 23.3 43.3
83 13.8 10.5 19.5



#21
2-Butanone
Concen: 61.479 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

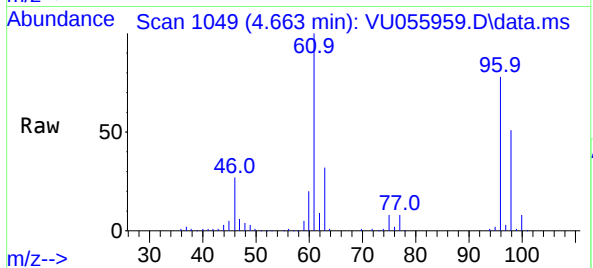
Tgt Ion: 43 Resp: 277348
Ion Ratio Lower Upper
43 100
72 30.6 14.4 43.4





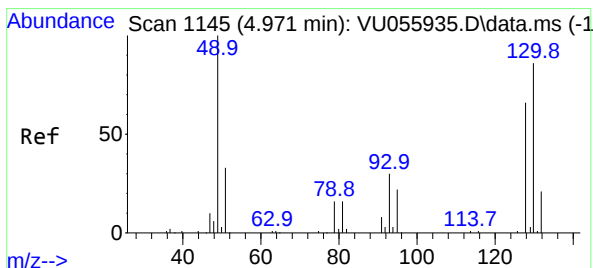
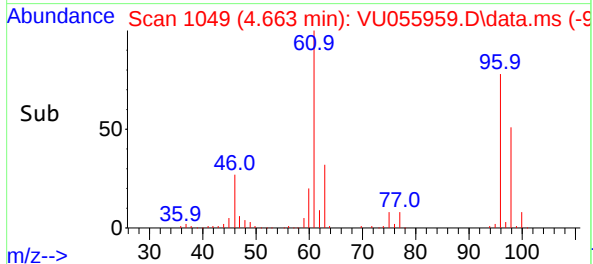
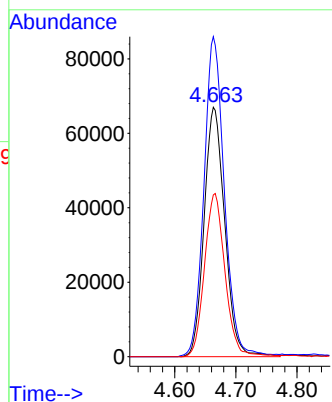
#22
 cis-1,2-Dichloroethene
 Concen: 7.076 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055959.D
 Acq: 28 Oct 2023 06:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 157114

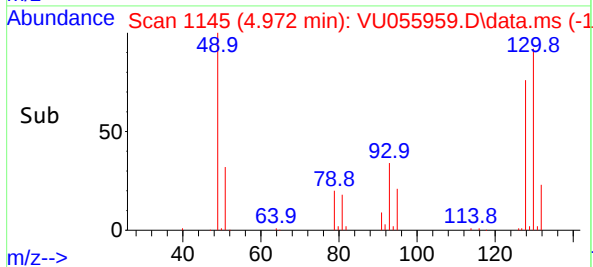
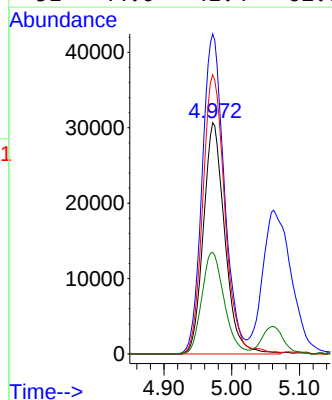
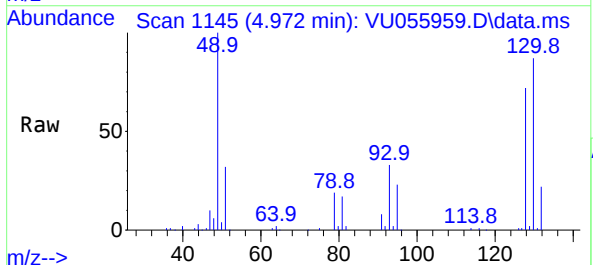
Ion	Ratio	Lower	Upper
96	100		
61	128.3	93.8	174.2
98	64.9	45.6	84.8

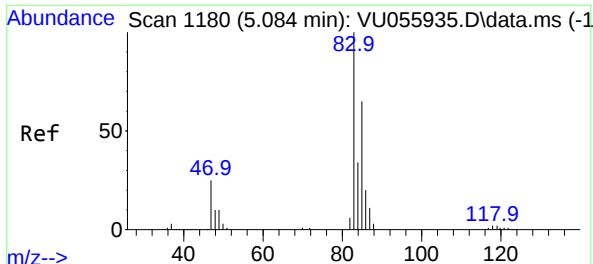


#23
 Bromochloromethane
 Concen: 7.414 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU055959.D
 Acq: 28 Oct 2023 06:55

Tgt Ion: 128 Resp: 67068

Ion	Ratio	Lower	Upper
128	100		
49	138.4	108.7	201.9
130	120.8	91.5	169.9
51	44.0	41.4	62.0

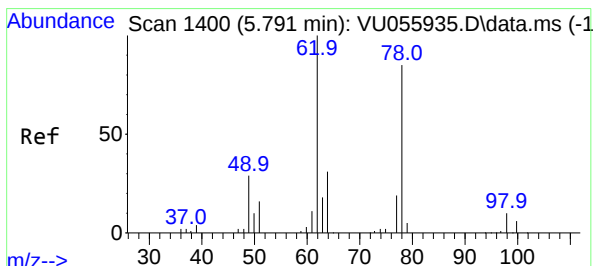
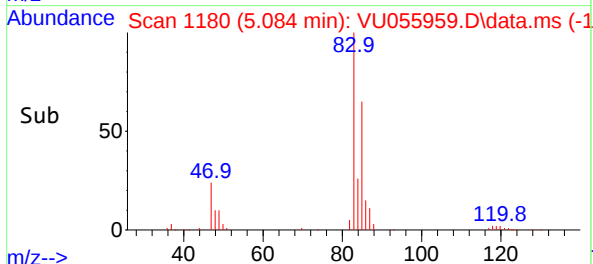
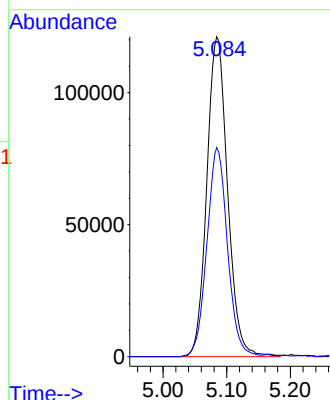
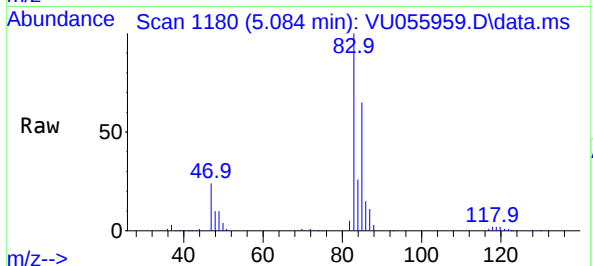




#25
Chloroform
Concen: 6.878 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

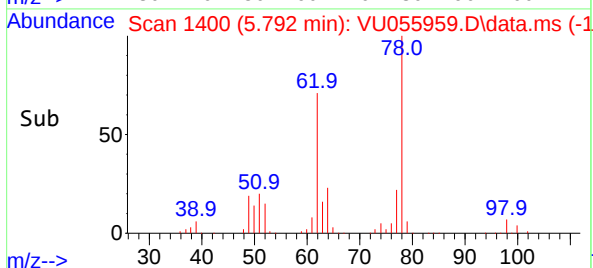
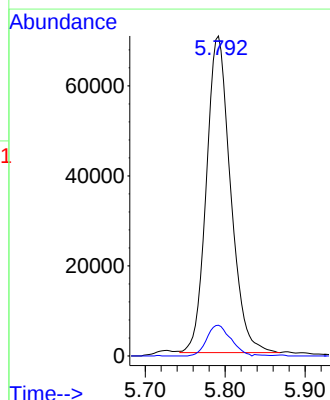
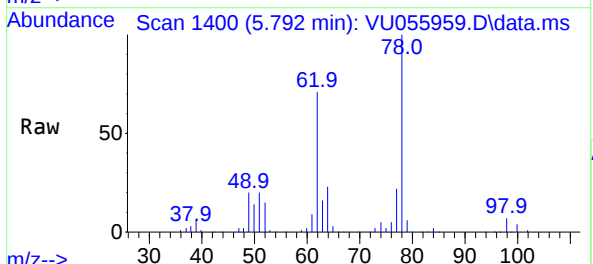
Instrument :
MSVOA_U
ClientSampleId :

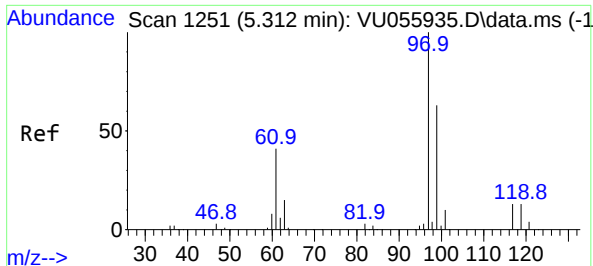
Tgt Ion: 83 Resp: 274583
Ion Ratio Lower Upper
83 100
85 65.3 45.6 84.8



#27
1,2-Dichloroethane
Concen: 6.296 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion: 62 Resp: 147686
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.2

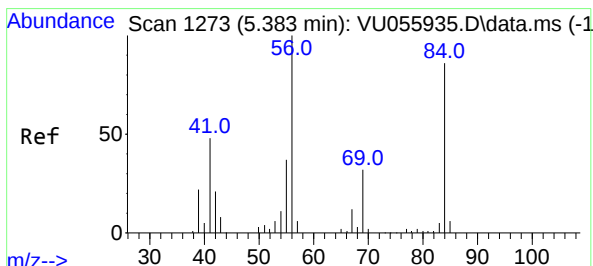
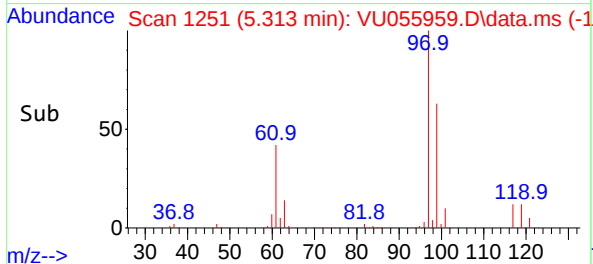
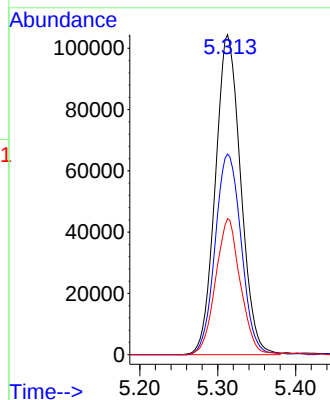
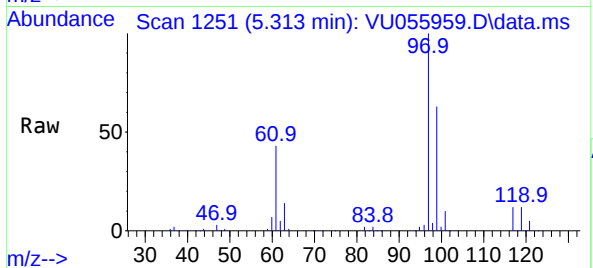




#29
1,1,1-Trichloroethane
Concen: 6.873 ug/L
RT: 5.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

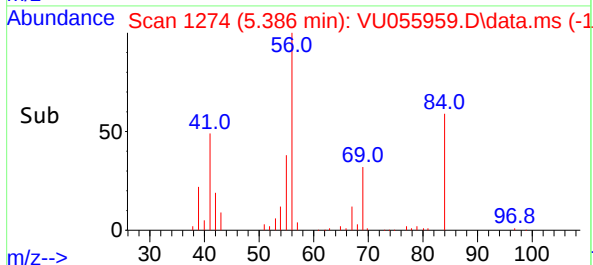
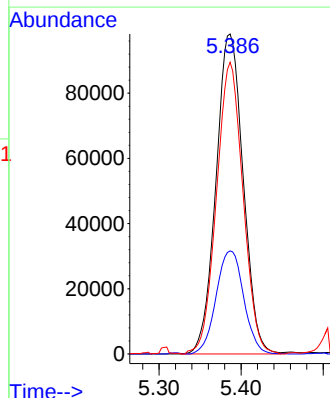
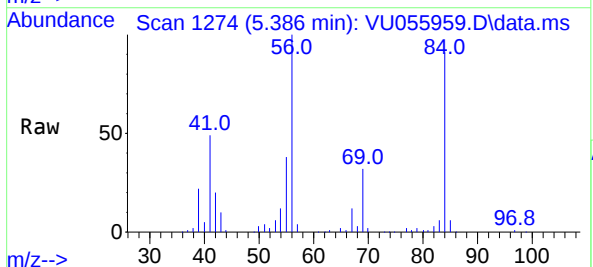
Instrument :
MSVOA_U
ClientSampleId :

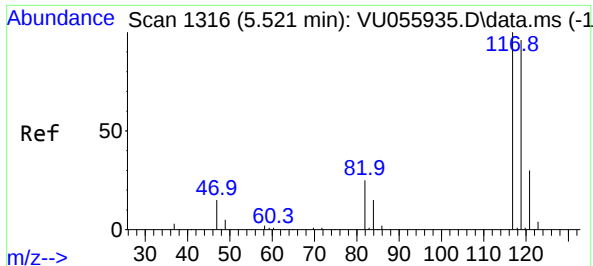
Tgt Ion: 97 Resp: 236302
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 41.8 35.0 52.4



#30
Cyclohexane
Concen: 7.805 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion: 56 Resp: 226419
Ion Ratio Lower Upper
56 100
69 32.7 25.4 38.2
84 88.7 71.0 106.6

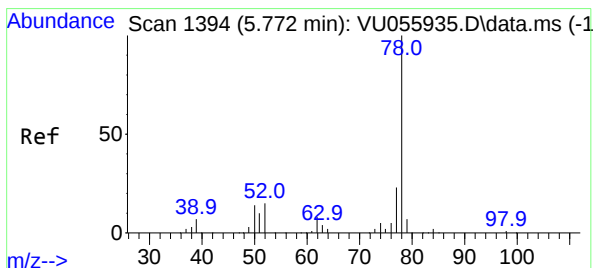
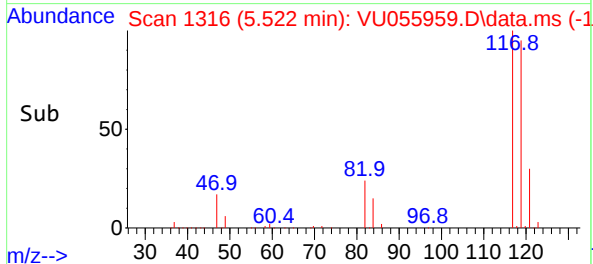
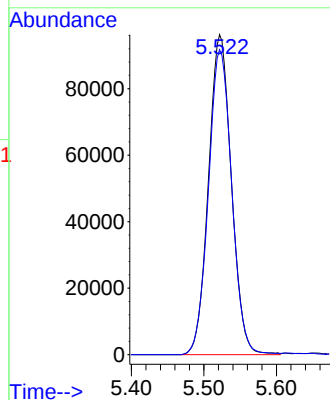
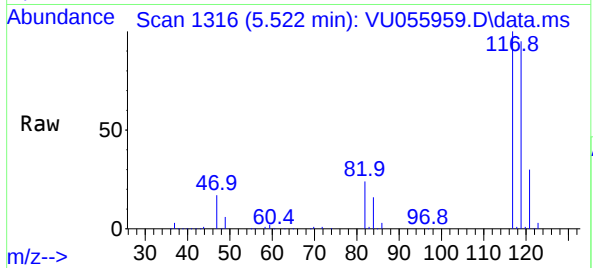




#31
Carbon tetrachloride
Concen: 7.202 ug/L
RT: 5.522 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

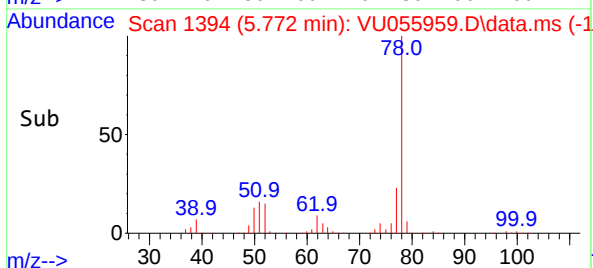
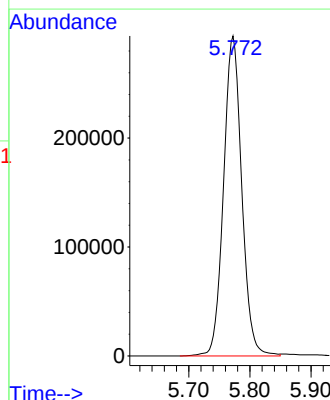
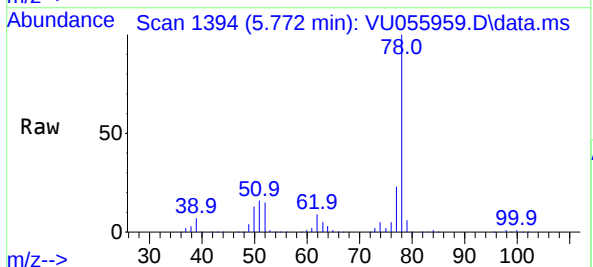
Instrument :
MSVOA_U
ClientSampleId :

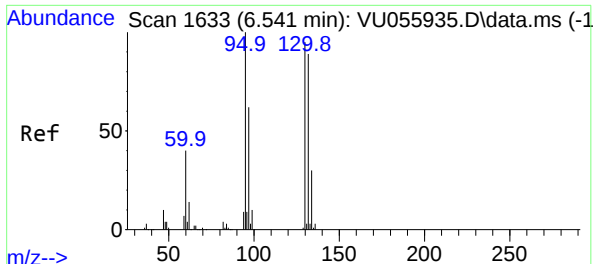
Tgt Ion:117 Resp: 211219
Ion Ratio Lower Upper
117 100
119 97.0 75.1 112.7



#33
Benzene
Concen: 7.285 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion: 78 Resp: 606466





#34

Trichloroethene

Concen: 7.041 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

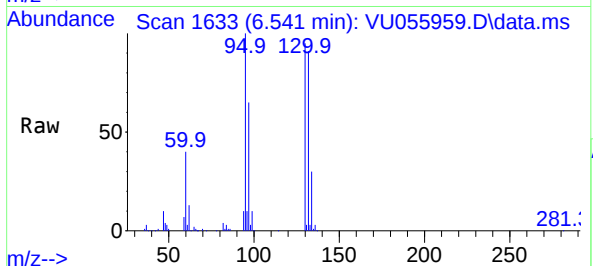
Lab File: VU055959.D

Acq: 28 Oct 2023 06:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 163953

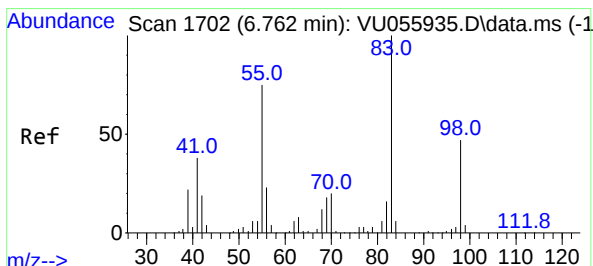
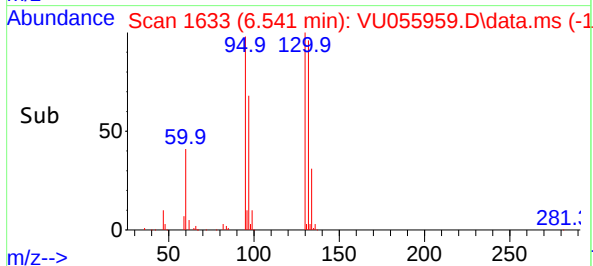
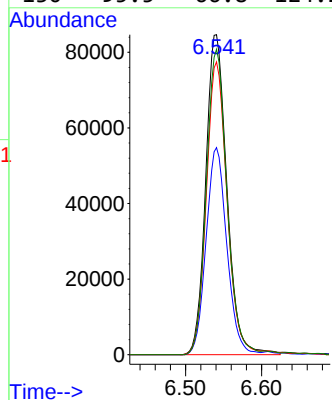
Ion Ratio Lower Upper

95 100

97 64.7 45.4 84.2

132 91.5 63.9 118.7

130 95.5 66.8 124.2



#35

Methylcyclohexane

Concen: 7.603 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU055959.D

Acq: 28 Oct 2023 06:55

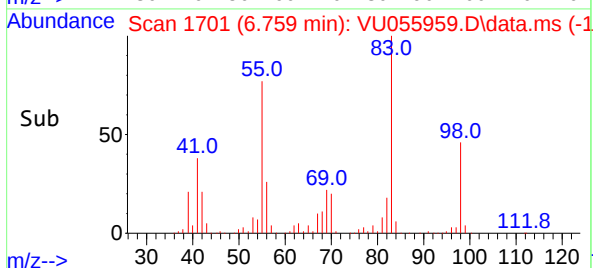
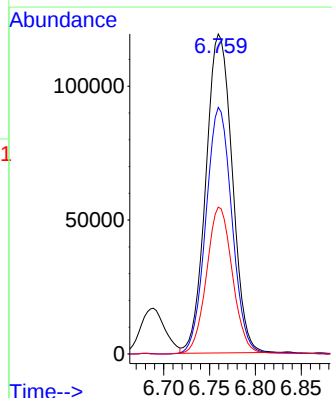
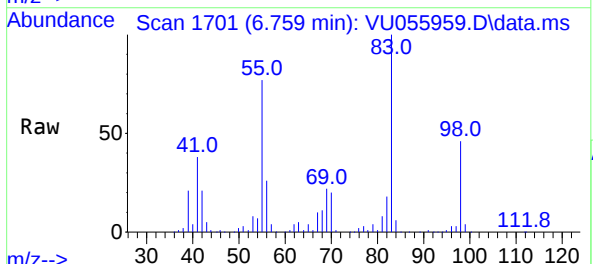
Tgt Ion: 83 Resp: 238952

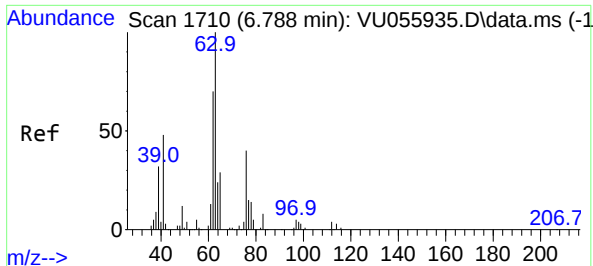
Ion Ratio Lower Upper

83 100

55 76.6 62.4 93.6

98 45.3 37.4 56.2

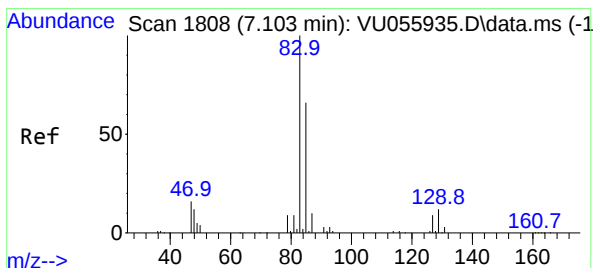
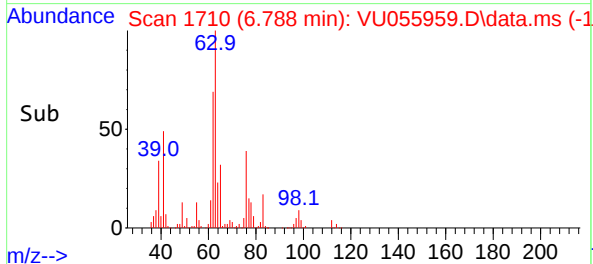
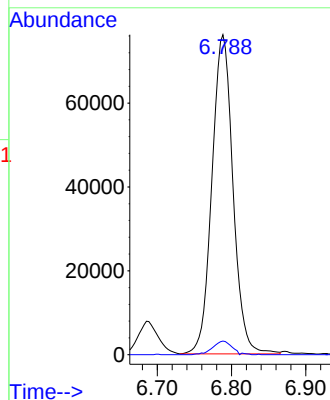
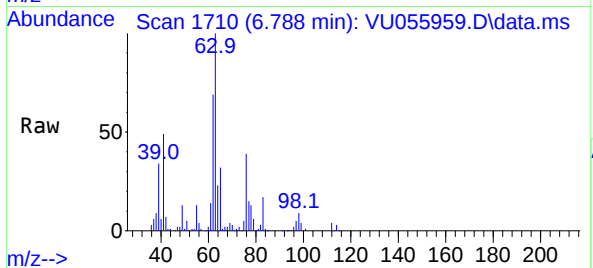




#37
1,2-Dichloropropane
Concen: 6.782 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

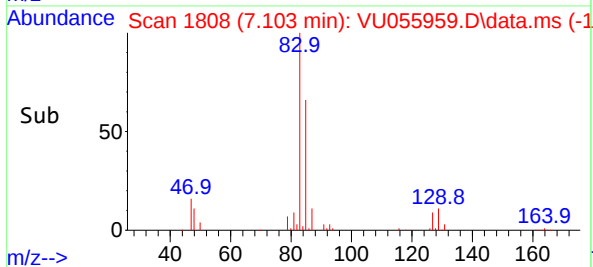
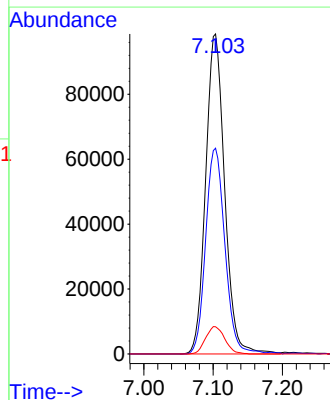
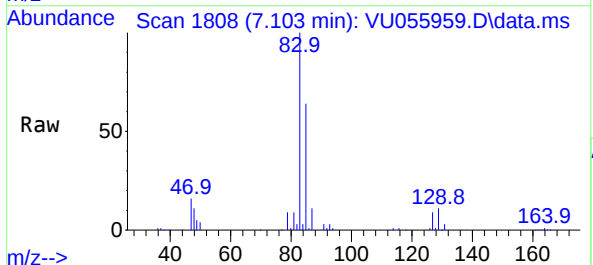
Instrument :
MSVOA_U
ClientSampleId :

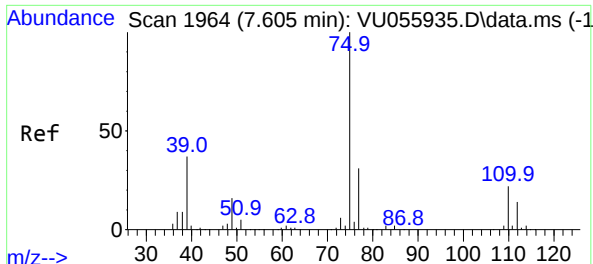
Tgt Ion: 63 Resp: 149919
Ion Ratio Lower Upper
63 100
112 3.9 3.1 4.7



#38
Bromodichloromethane
Concen: 6.749 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion: 83 Resp: 187270
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.3
127 8.5 6.6 9.8

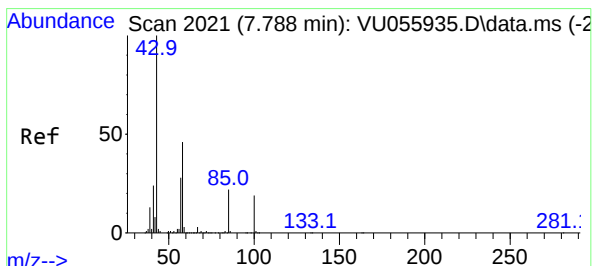
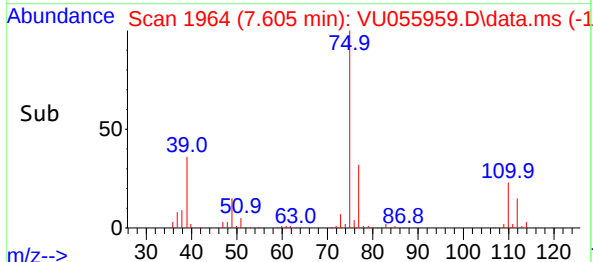
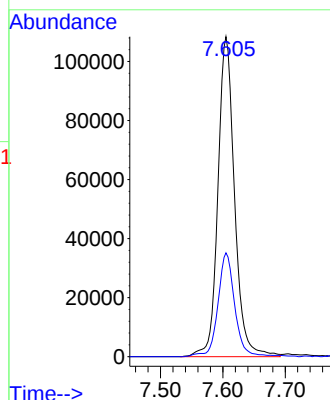
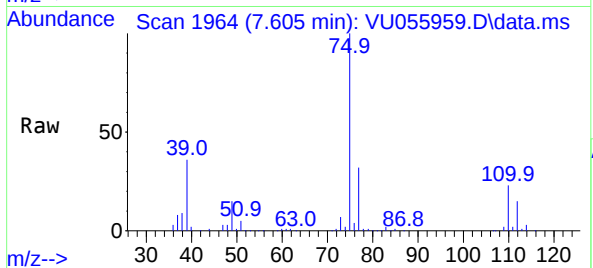




#39
 cis-1,3-Dichloropropene
 Concen: 6.373 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU055959.D
 Acq: 28 Oct 2023 06:55

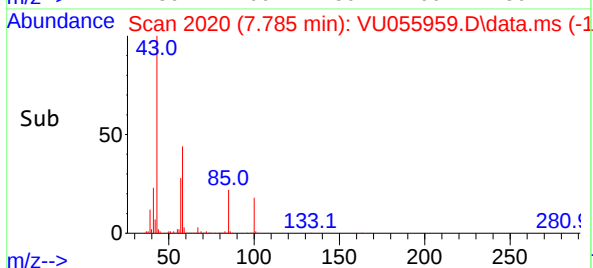
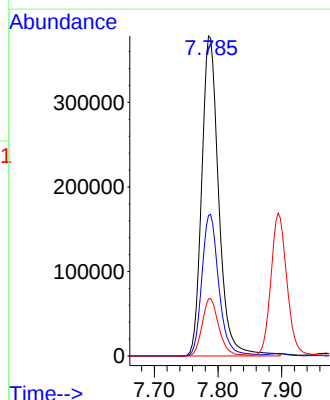
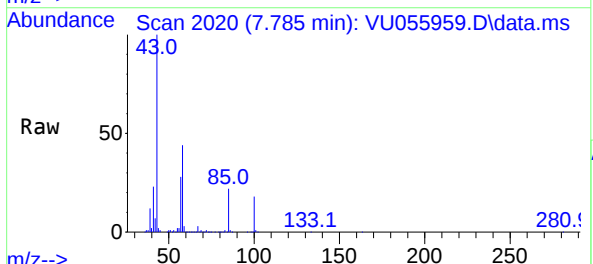
Instrument :
 MSVOA_U
 ClientSampleId :

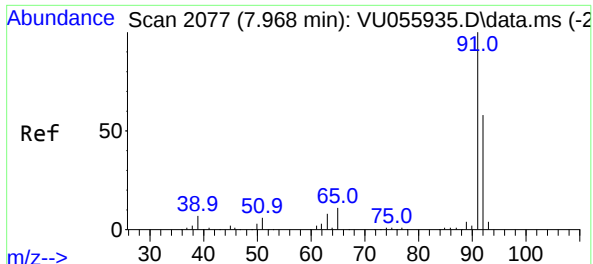
Tgt Ion: 75 Resp: 200683
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 65.922 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.003 min
 Lab File: VU055959.D
 Acq: 28 Oct 2023 06:55

Tgt Ion: 43 Resp: 702414
 Ion Ratio Lower Upper
 43 100
 58 44.2 34.0 51.0
 100 17.7 13.0 19.6





#42

Toluene

Concen: 7.541 ug/L

RT: 7.965 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055959.D

Acq: 28 Oct 2023 06:55

Instrument :

MSVOA_U

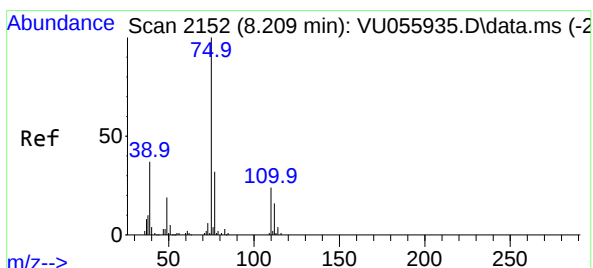
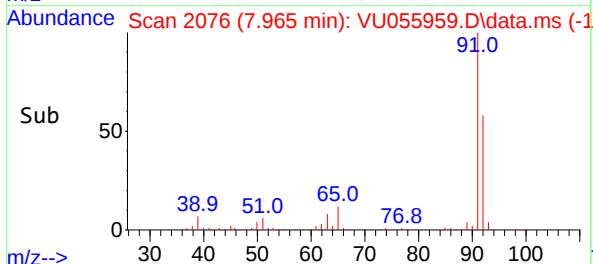
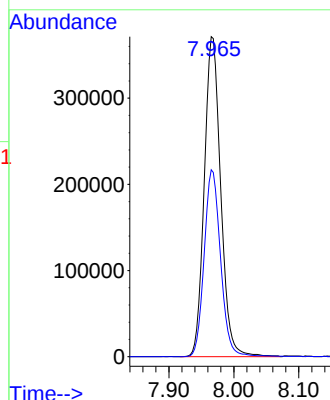
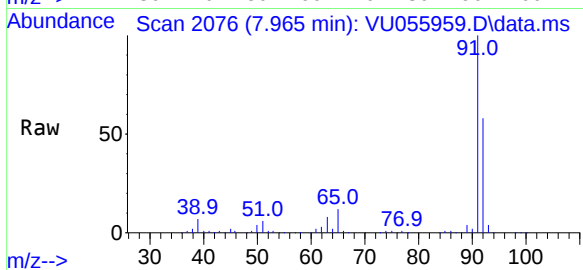
ClientSampleId :

Tgt Ion: 91 Resp: 656105

Ion Ratio Lower Upper

91 100

92 58.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 6.385 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU055959.D

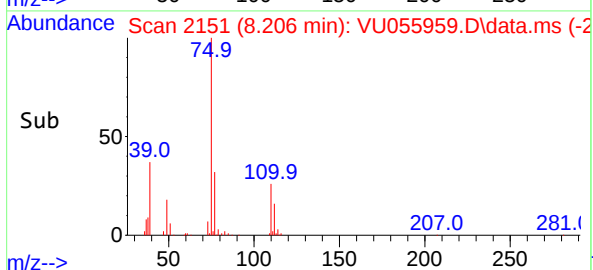
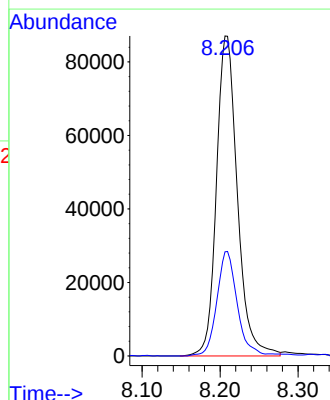
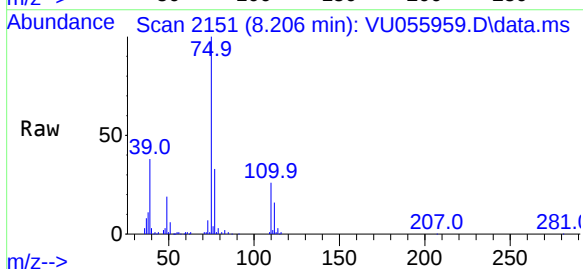
Acq: 28 Oct 2023 06:55

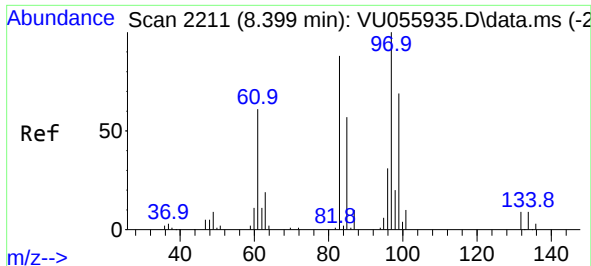
Tgt Ion: 75 Resp: 162307

Ion Ratio Lower Upper

75 100

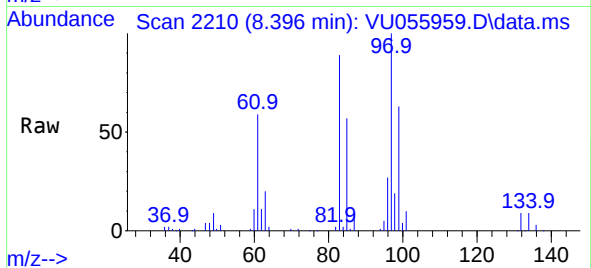
77 32.6 21.7 40.3





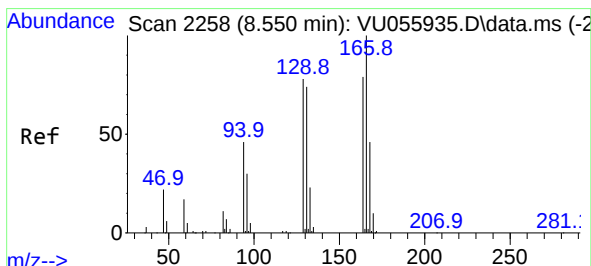
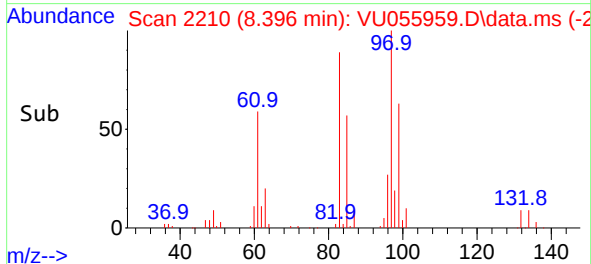
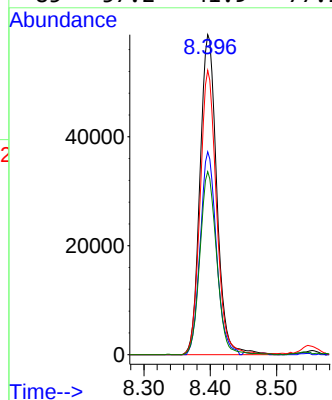
#45
1,1,2-Trichloroethane
Concen: 6.646 ug/L
RT: 8.396 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 103297

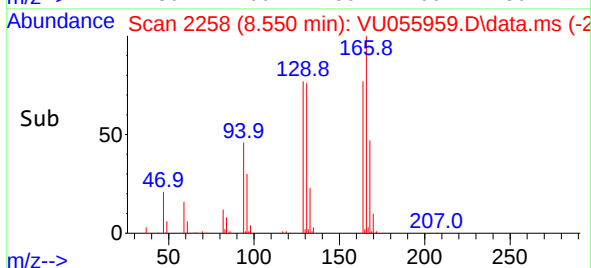
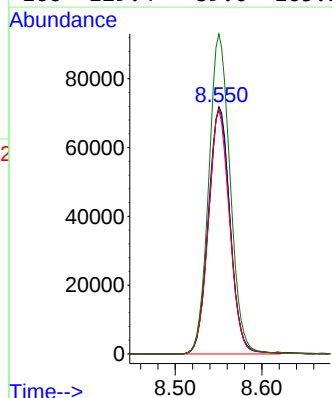
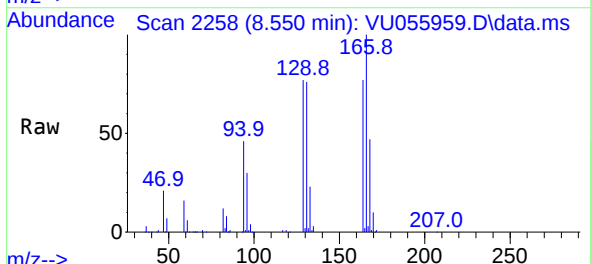
Ion	Ratio	Lower	Upper
97	100		
99	63.4	45.3	84.1
83	88.9	61.9	115.1
85	57.2	41.9	77.9

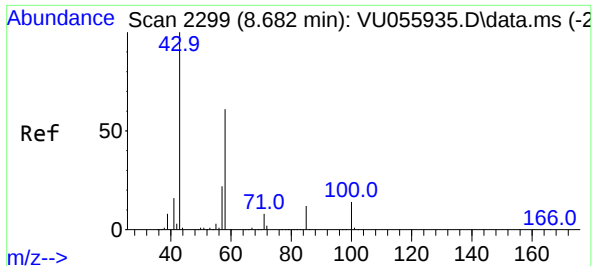


#47
Tetrachloroethene
Concen: 7.622 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion: 164 Resp: 124304

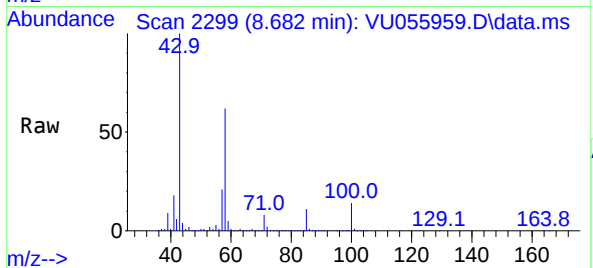
Ion	Ratio	Lower	Upper
164	100		
129	99.1	72.2	134.0
131	98.8	70.8	131.6
166	129.4	89.0	165.2





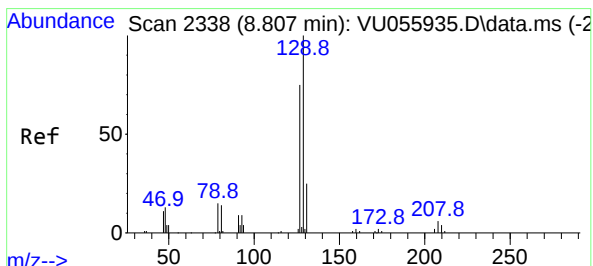
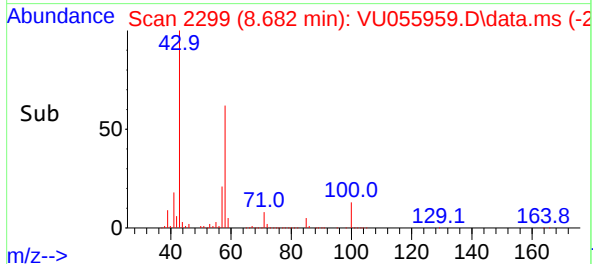
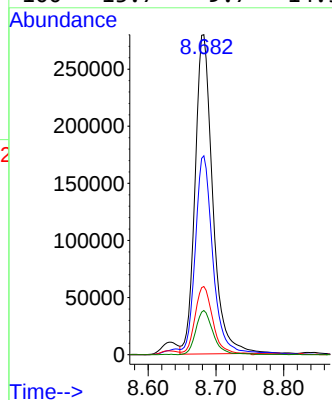
#48
2-Hexanone
Concen: 60.437 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 506342

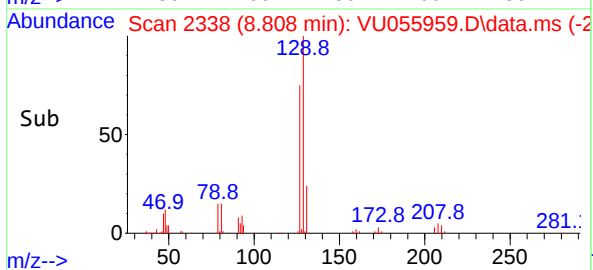
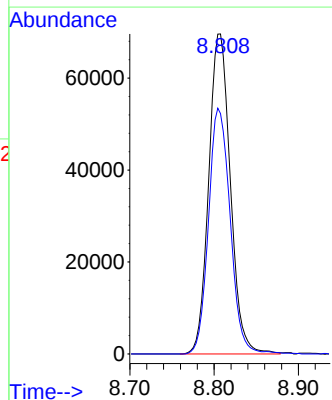
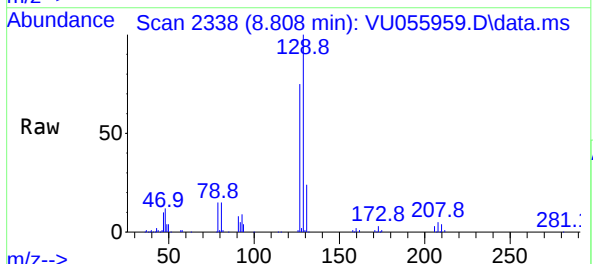
Ion	Ratio	Lower	Upper
43	100		
58	60.6	49.5	74.3
57	21.9	16.9	25.3
100	13.7	9.7	14.5

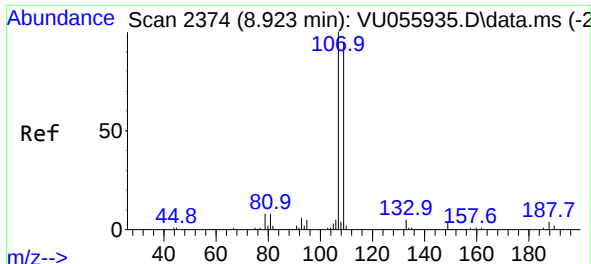


#49
Dibromochloromethane
Concen: 7.284 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion: 129 Resp: 124272

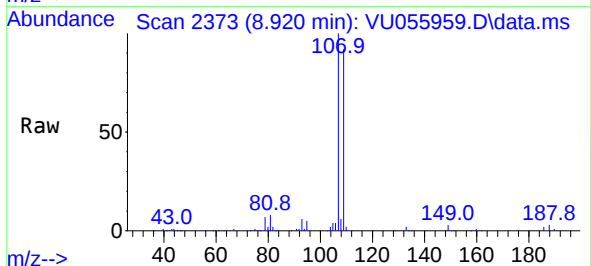
Ion	Ratio	Lower	Upper
129	100		
127	75.1	53.5	99.5



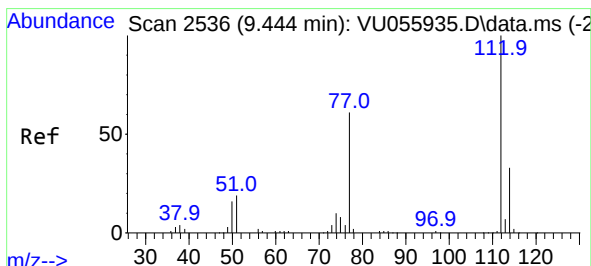
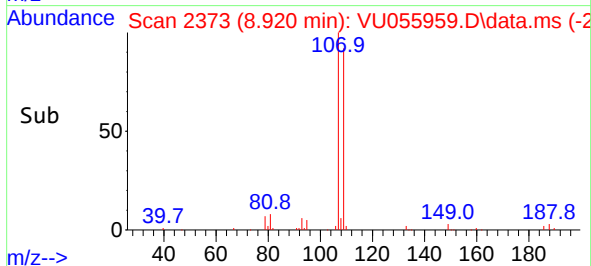
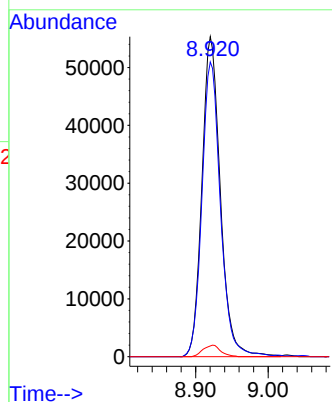


#50
1,2-Dibromoethane
Concen: 6.920 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Instrument :
MSVOA_U
ClientSampleId :

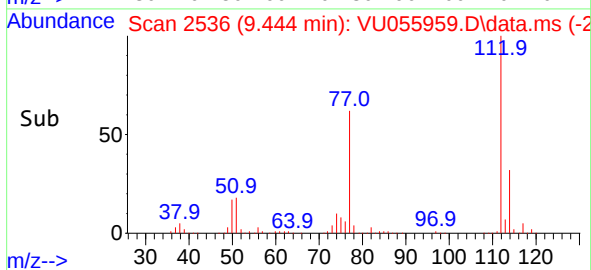
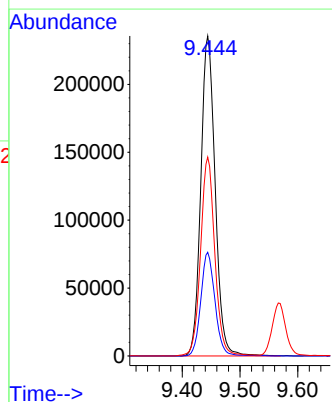
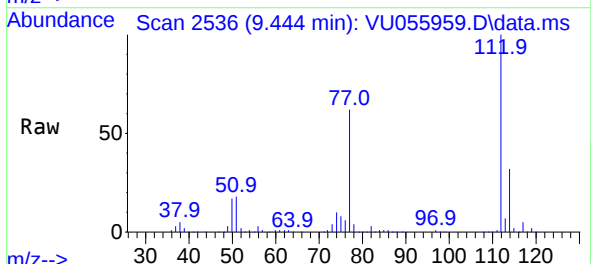


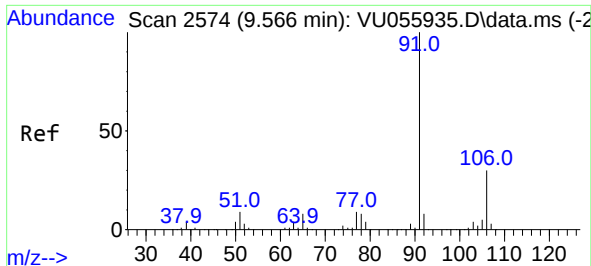
Tgt Ion:107 Resp: 97593
Ion Ratio Lower Upper
107 100
109 92.1 65.0 120.6
188 3.3 2.5 3.7



#51
Chlorobenzene
Concen: 7.142 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion:112 Resp: 407229
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.5
77 62.2 49.9 74.9

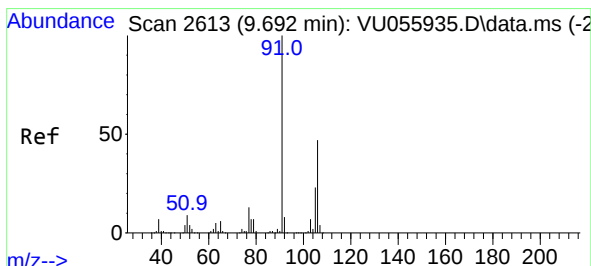
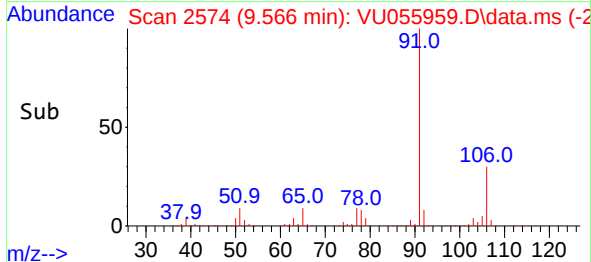
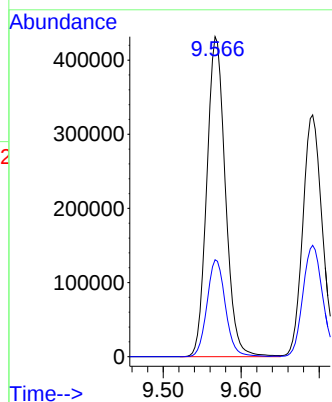
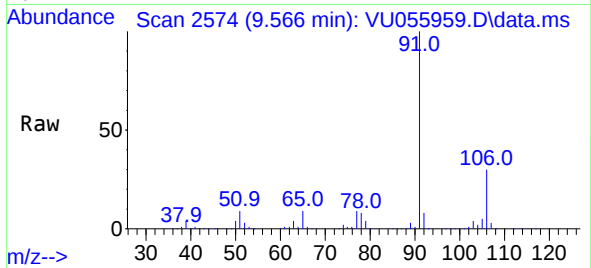




#52
Ethylbenzene
Concen: 7.233 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

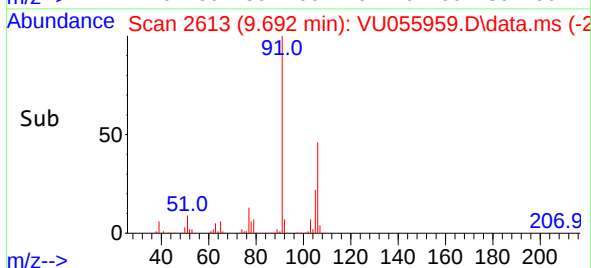
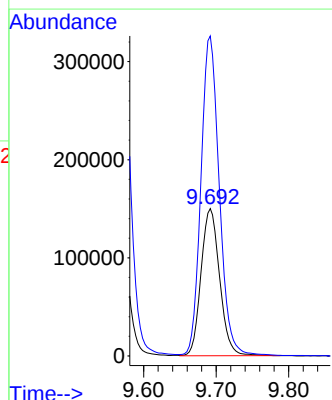
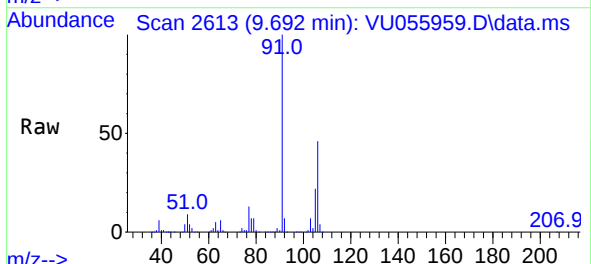
Instrument :
MSVOA_U
ClientSampleId :

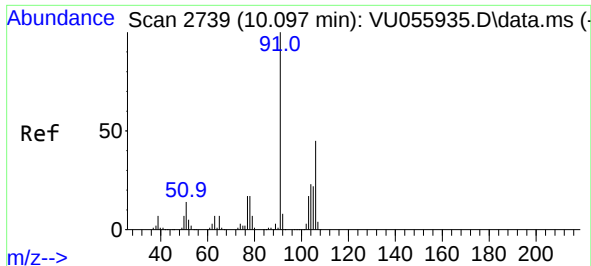
Tgt Ion: 91 Resp: 713331
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 7.246 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion: 106 Resp: 267072
Ion Ratio Lower Upper
106 100
91 217.1 150.4 279.2

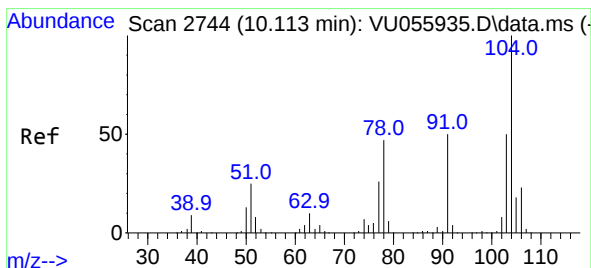
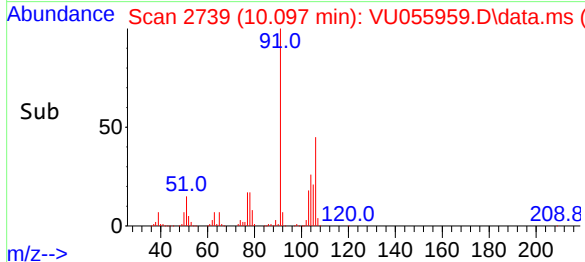
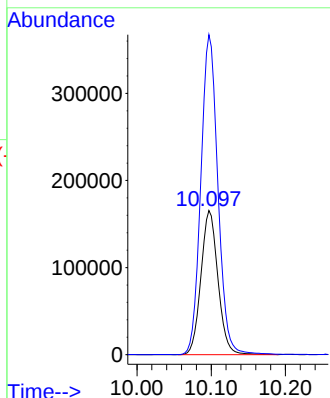
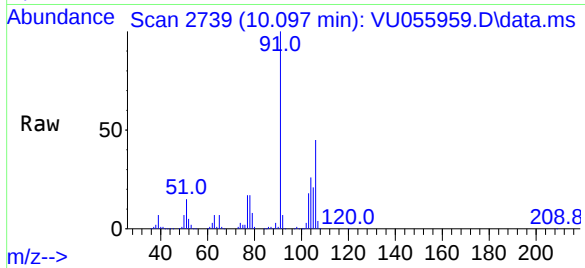




#54
o-Xylene
Concen: 7.289 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

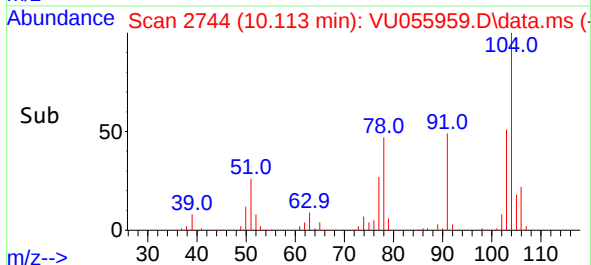
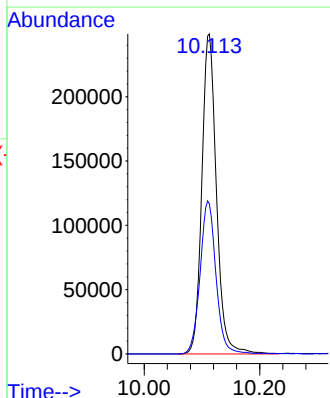
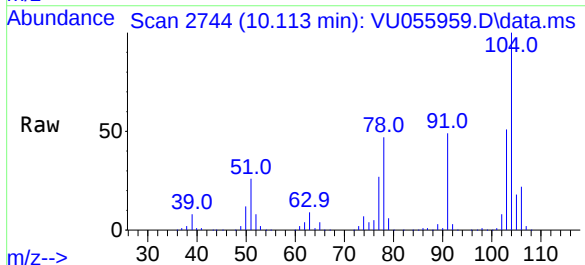
Instrument :
MSVOA_U
ClientSampleId :

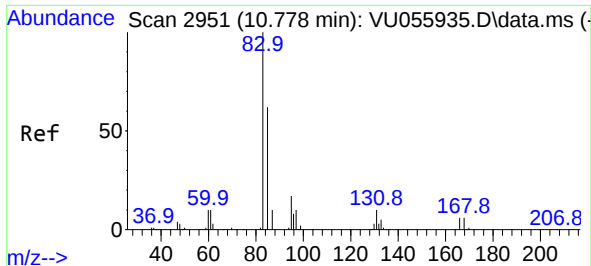
Tgt Ion:106 Resp: 262862
Ion Ratio Lower Upper
106 100
91 222.0 154.6 287.2



#55
Styrene
Concen: 7.567 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion:104 Resp: 437439
Ion Ratio Lower Upper
104 100
78 46.9 33.9 63.0

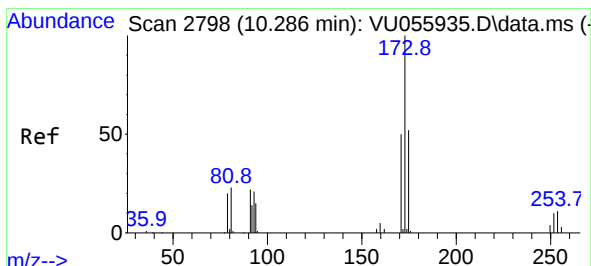
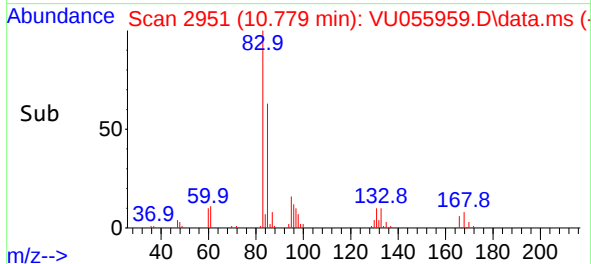
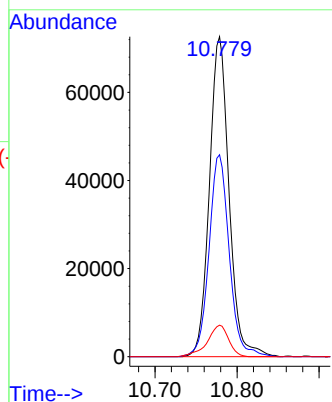
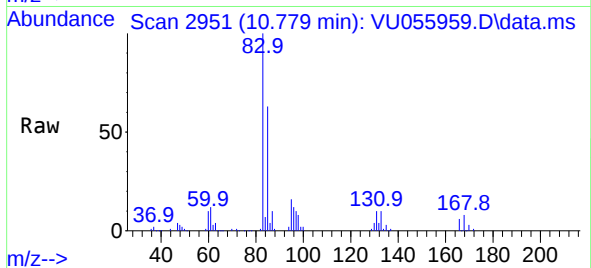




#57
1,1,2,2-Tetrachloroethane
Concen: 6.723 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

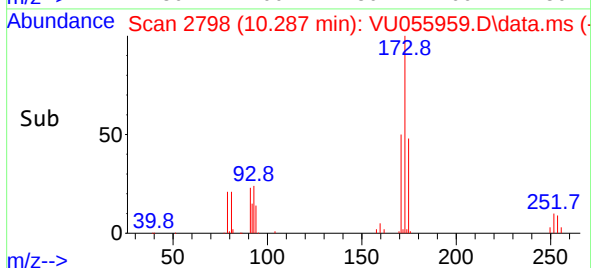
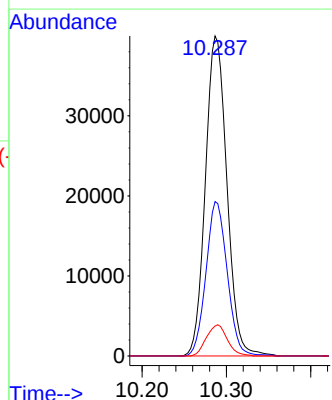
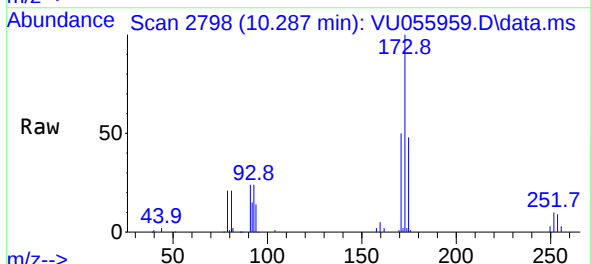
Instrument :
MSVOA_U
ClientSampleId :

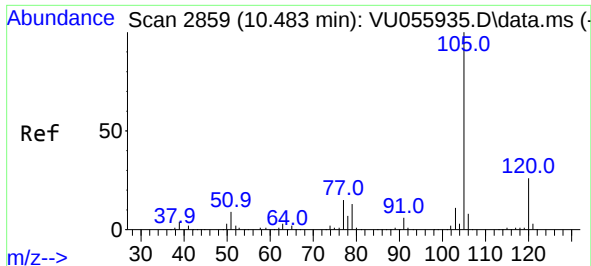
Tgt Ion: 83 Resp: 120949
Ion Ratio Lower Upper
83 100
85 63.1 46.2 85.8
131 9.8 7.2 10.8



#59
Bromoform
Concen: 7.080 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion:173 Resp: 70953
Ion Ratio Lower Upper
173 100
175 47.7 37.8 56.6
254 9.5 7.4 11.0

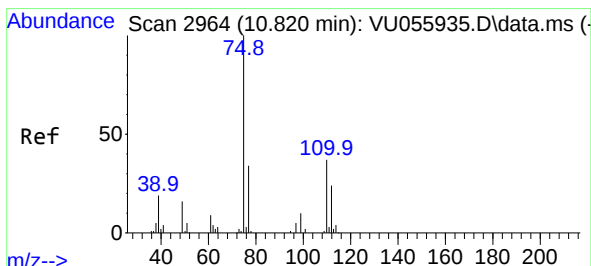
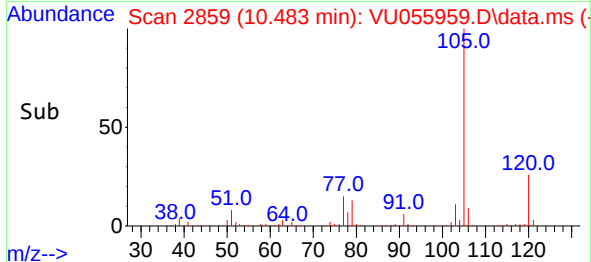
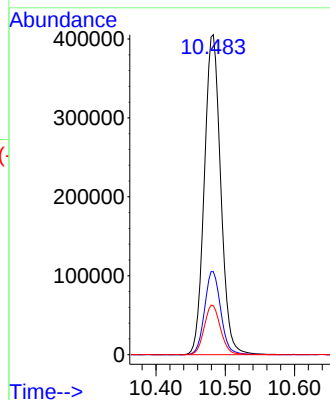
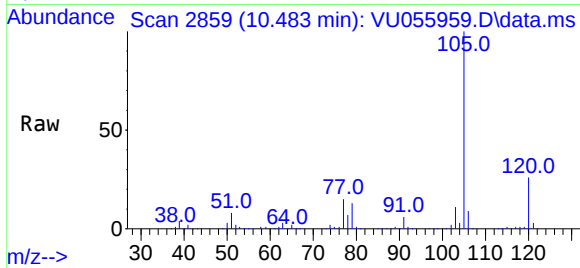




#60
Isopropylbenzene
Concen: 6.772 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

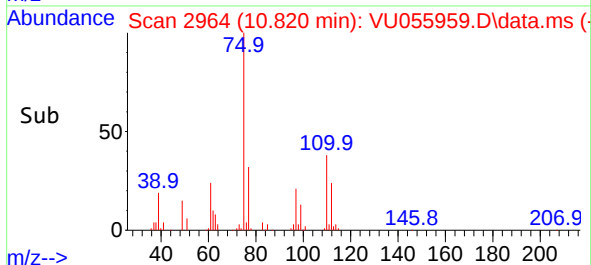
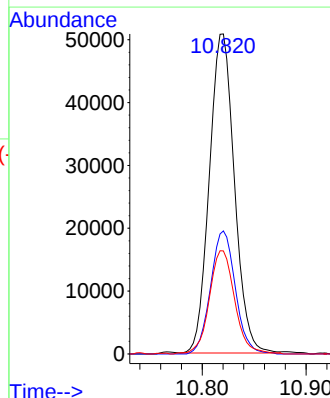
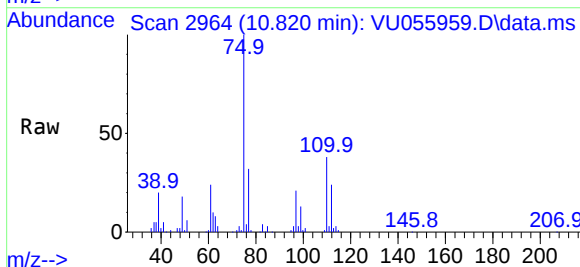
Instrument :
MSVOA_U
ClientSampleId :

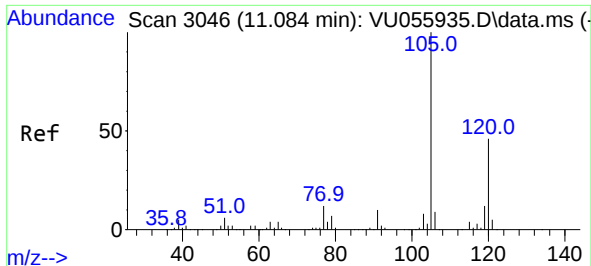
Tgt Ion:105 Resp: 664721
Ion Ratio Lower Upper
105 100
120 25.7 20.2 30.4
77 15.4 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 6.298 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion: 75 Resp: 85175
Ion Ratio Lower Upper
75 100
110 38.1 29.0 43.6
77 32.8 24.5 36.7

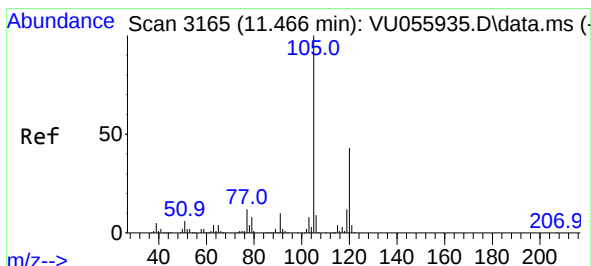
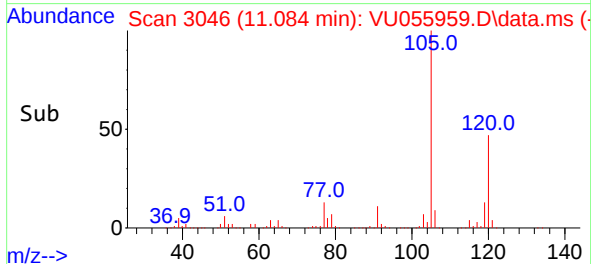
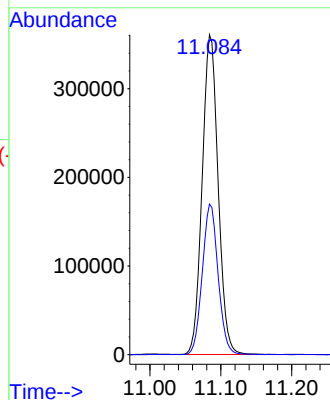
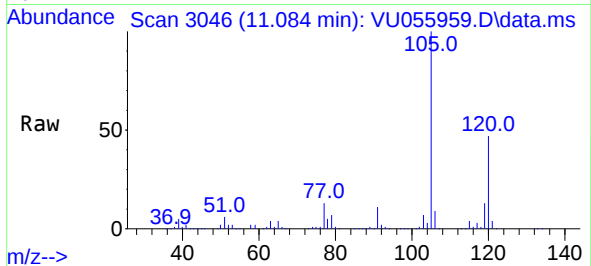




#62
1,3,5-Trimethylbenzene
Concen: 7.018 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

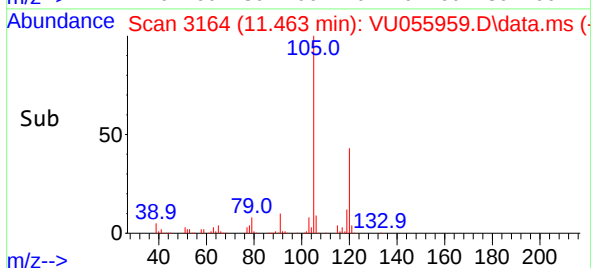
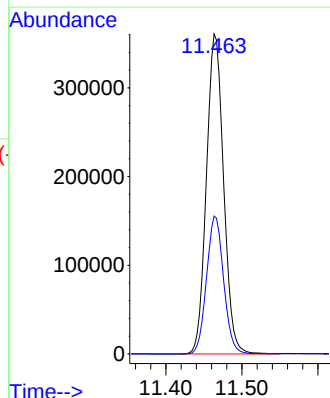
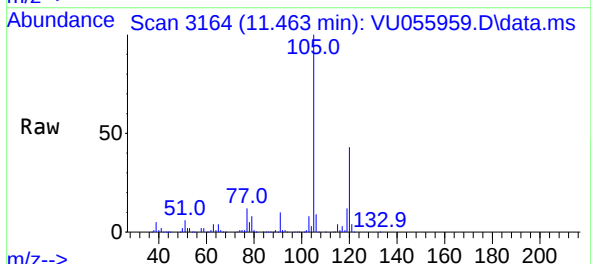
Instrument :
MSVOA_U
ClientSampleId :

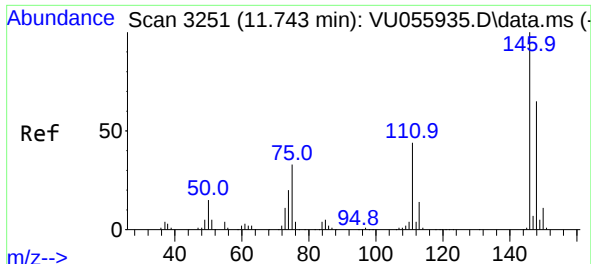
Tgt Ion:105 Resp: 562953
Ion Ratio Lower Upper
105 100
120 46.6 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 7.611 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

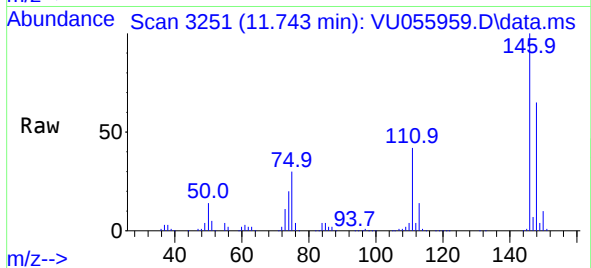
Tgt Ion:105 Resp: 567179
Ion Ratio Lower Upper
105 100
120 42.9 34.6 52.0



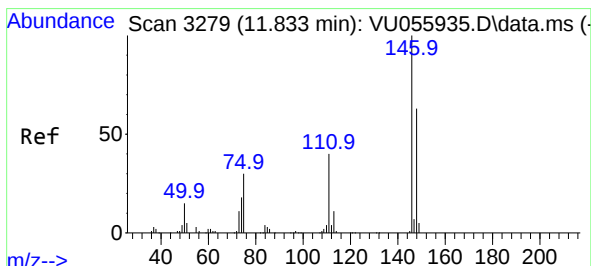
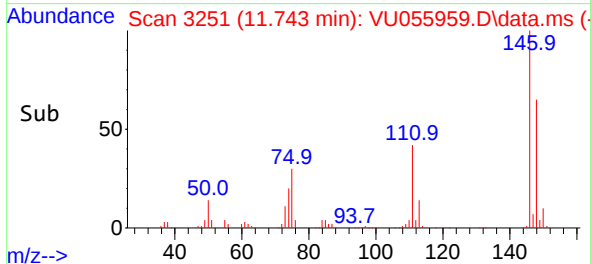
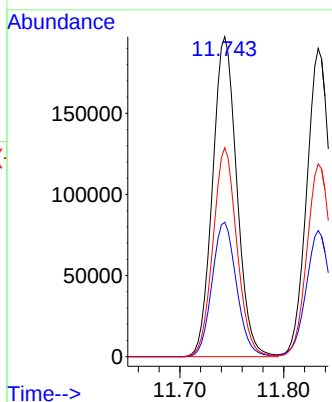


#64
1,3-Dichlorobenzene
Concen: 6.875 ug/L
RT: 11.743 min Scan# 319906
Delta R.T. 0.003 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Instrument :
MSVOA_U
ClientSampleId :

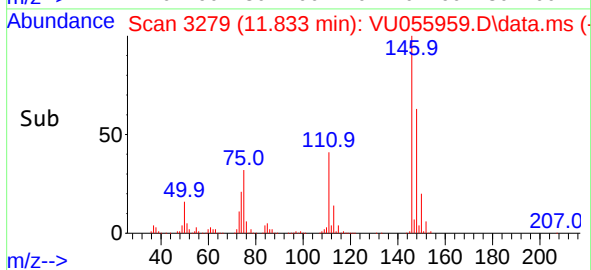
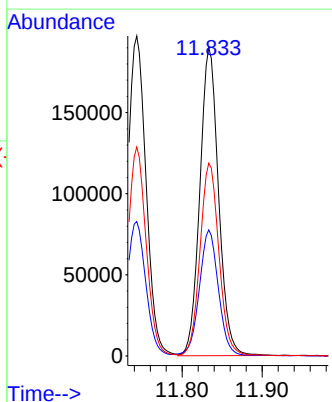
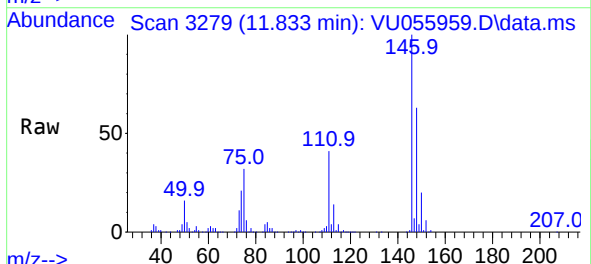


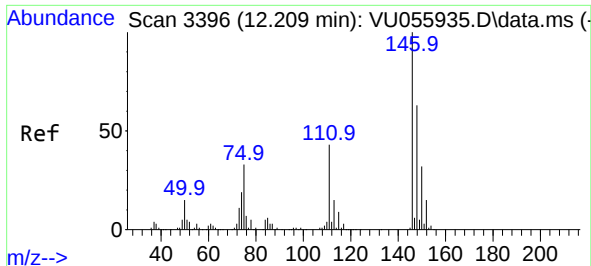
Tgt Ion:146 Resp: 319906
Ion Ratio Lower Upper
146 100
111 42.0 31.1 57.9
148 65.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 6.664 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion:146 Resp: 309476
Ion Ratio Lower Upper
146 100
111 40.9 29.3 54.3
148 62.6 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 6.787 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055959.D

Acq: 28 Oct 2023 06:55

Instrument :

MSVOA_U

ClientSampleId :

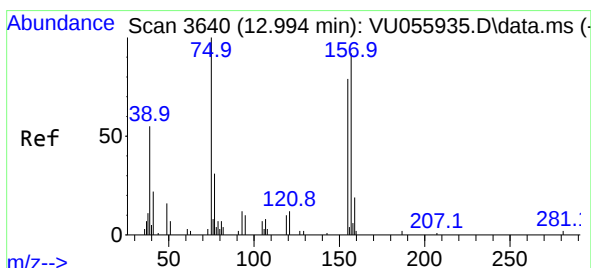
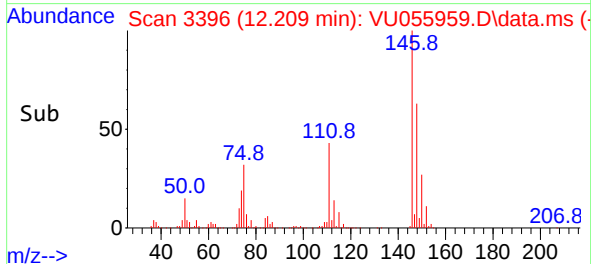
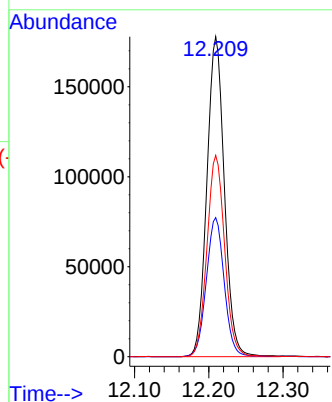
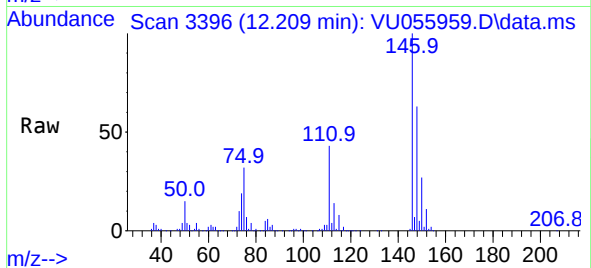
Tgt Ion:146 Resp: 289977

Ion Ratio Lower Upper

146 100

111 43.4 36.7 55.1

148 62.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 7.474 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055959.D

Acq: 28 Oct 2023 06:55

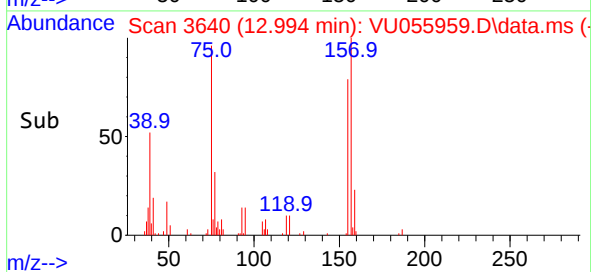
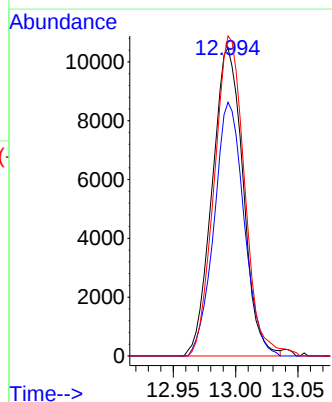
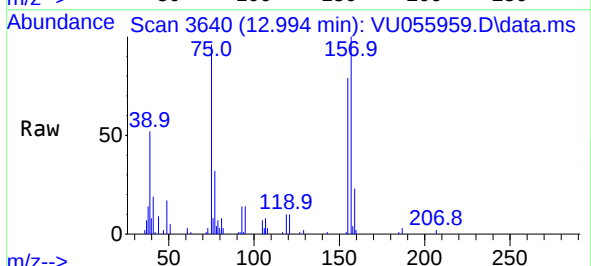
Tgt Ion: 75 Resp: 18035

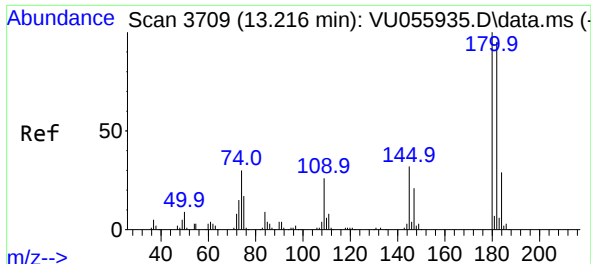
Ion Ratio Lower Upper

75 100

155 82.3 65.3 97.9

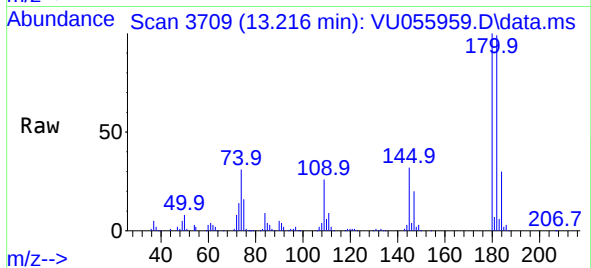
157 103.9 87.9 131.9



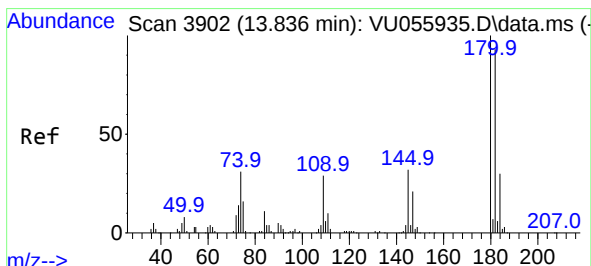
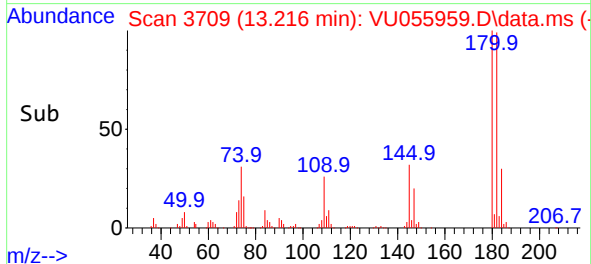
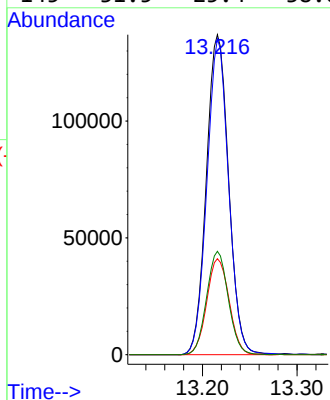


#69
 1,3,5-Trichlorobenzene
 Concen: 7.036 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU055959.D
 Acq: 28 Oct 2023 06:55

Instrument :
 MSVOA_U
 ClientSampleId :

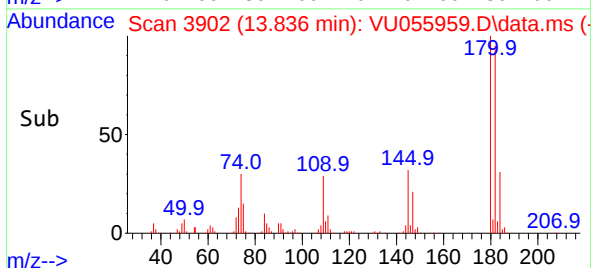
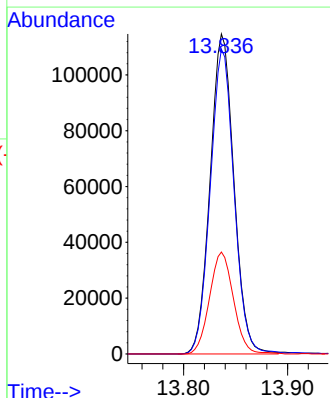
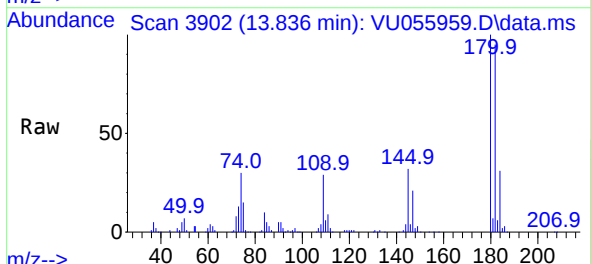


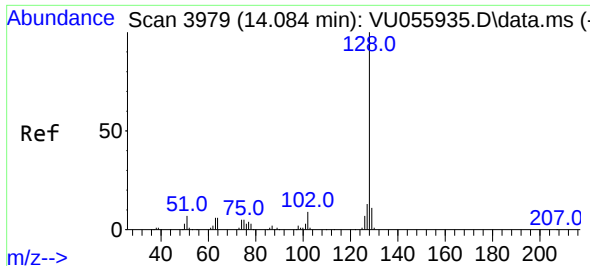
Tgt Ion:180 Resp: 223739
 Ion Ratio Lower Upper
 180 100
 182 96.2 74.7 112.1
 184 30.2 23.8 35.8
 145 31.5 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 7.744 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU055959.D
 Acq: 28 Oct 2023 06:55

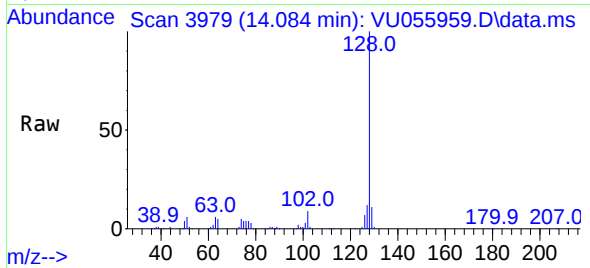
Tgt Ion:180 Resp: 182004
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.1 114.1
 145 32.1 26.4 39.6



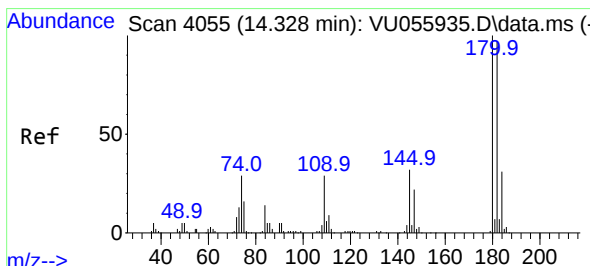
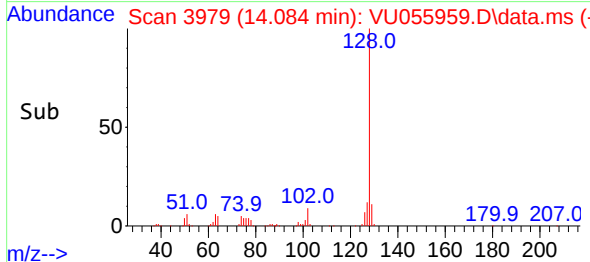
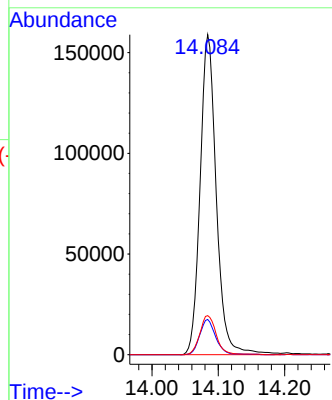


#71
Naphthalene
Concen: 7.919 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 269510
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 12.2 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 7.853 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU055959.D
Acq: 28 Oct 2023 06:55

Tgt Ion:180 Resp: 159131
Ion Ratio Lower Upper
180 100
182 94.3 74.6 112.0
145 33.6 27.4 41.2

