

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055203.D
 Acq On : 07 Sep 2023 21:03
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 05:11:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	94905	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42012	5.389	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.800%
7) Chloroethane-d5	1.907	69	49812	5.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.400%
11) 1,1-Dichloroethene-d2	2.560	65	23925	5.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.800%
20) 2-Butanone-d5	4.624	46	142688	63.074	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.140%
24) Chloroform-d	5.062	84	110422	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.698	65	57214	5.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	5.724	84	215517	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.689	67	71705	5.341	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.898	98	200300	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	8.177	79	18284	4.945	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.631	63	83061	55.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.660%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54861	5.810	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	71106	5.133	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	46626	4.824	ug/L	98
3) Chloromethane	1.515	50	48969	4.977	ug/L	94
5) Vinyl chloride	1.599	62	52023	5.012	ug/L	100
6) Bromomethane	1.853	94	30491	4.870	ug/L	96
8) Chloroethane	1.930	64	35455	5.246	ug/L	93
9) Trichlorofluoromethane	2.132	101	72712	4.817	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	44811	5.102	ug/L	96
12) 1,1-Dichloroethene	2.576	96	38369	4.990	ug/L	98
13) Acetone	2.631	43	75421	49.743	ug/L	98
14) Carbon disulfide	2.788	76	87575	4.650	ug/L	99
15) Methyl Acetate	2.952	43	18967	6.112	ug/L	98
16) Methylene chloride	3.039	84	70919	6.036	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	106156	5.264	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	39245	5.030	ug/L	91
19) 1,1-Dichloroethane	3.866	63	87665	5.199	ug/L	98
21) 2-Butanone	4.705	43	126819	56.928	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	48263	5.054	ug/L	98
23) Bromochloromethane	4.975	128	21144	5.383	ug/L #	91
25) Chloroform	5.084	83	94915	5.405	ug/L	95

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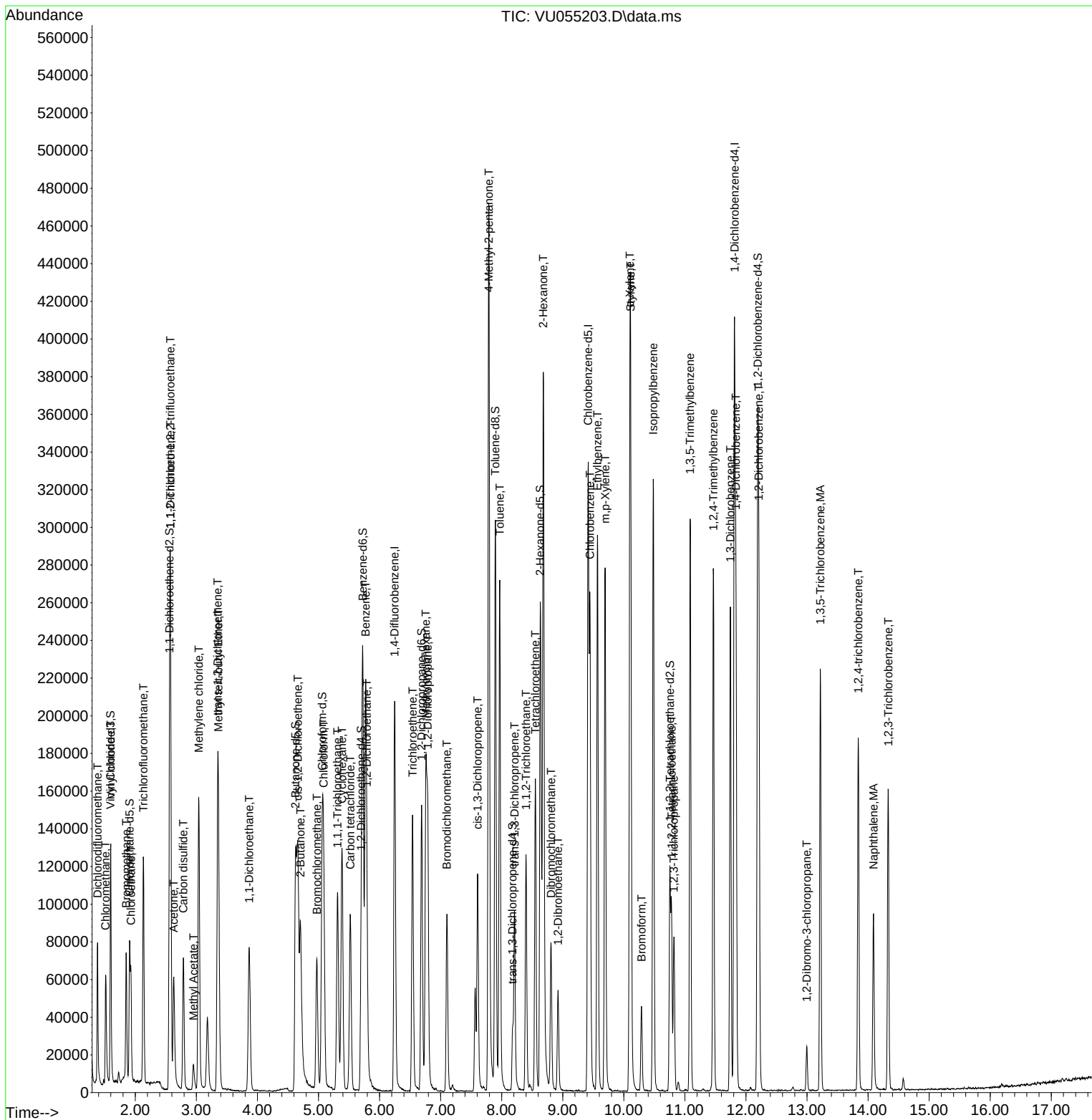
Instrument :
 MSVOA_U
 ClientSampleId :

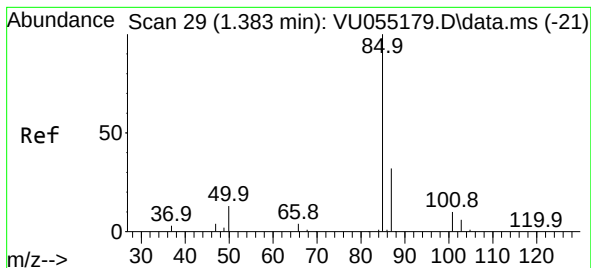
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	56590	5.280	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	72488	4.900	ug/L	97
30) Cyclohexane	5.386	56	61413	4.669	ug/L	99
31) Carbon tetrachloride	5.521	117	61161	4.972	ug/L	97
33) Benzene	5.772	78	181547	4.988	ug/L	100
34) Trichloroethene	6.544	95	48845	4.829	ug/L	96
35) Methylcyclohexane	6.759	83	64670	4.557	ug/L	99
37) 1,2-Dichloropropane	6.788	63	53336	5.383	ug/L	98
38) Bromodichloromethane	7.103	83	60949	5.152	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	68098	5.053	ug/L	93
40) 4-Methyl-2-pentanone	7.788	43	314238	55.594	ug/L	99
42) Toluene	7.968	91	194649	5.017	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	52247	4.939	ug/L	87
45) 1,1,2-Trichloroethane	8.399	97	37029	5.548	ug/L	97
47) Tetrachloroethene	8.553	164	33940	4.855	ug/L	97
48) 2-Hexanone	8.682	43	246643	55.709	ug/L	99
49) Dibromochloromethane	8.807	129	38406	5.271	ug/L	91
50) 1,2-Dibromoethane	8.923	107	33706	5.546	ug/L	94
51) Chlorobenzene	9.447	112	127888	4.977	ug/L	98
52) Ethylbenzene	9.569	91	209646	4.830	ug/L	100
53) m,p-Xylene	9.695	106	77488	4.824	ug/L	96
54) o-Xylene	10.100	106	76054	4.812	ug/L	98
55) Styrene	10.113	104	128532	4.924	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.782	83	46731	5.621	ug/L	94
59) Bromoform	10.290	173	19069	5.029	ug/L	96
60) Isopropylbenzene	10.483	105	208740	4.717	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	34485	5.476	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	164558	4.470	ug/L	98
63) 1,2,4-Trimethylbenzene	11.470	105	150477	4.147	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	99136	4.666	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	93227	4.403	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	90503	4.544	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	6010	4.954	ug/L	91
69) 1,3,5-Trichlorobenzene	13.219	180	62542	3.895	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	50700	3.368	ug/L	96
71) Naphthalene	14.090	128	76559	2.798	ug/L	99
72) 1,2,3-Trichlorobenzene	14.331	180	44895	3.436	ug/L	98

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

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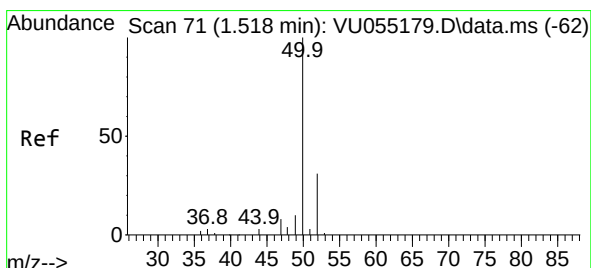
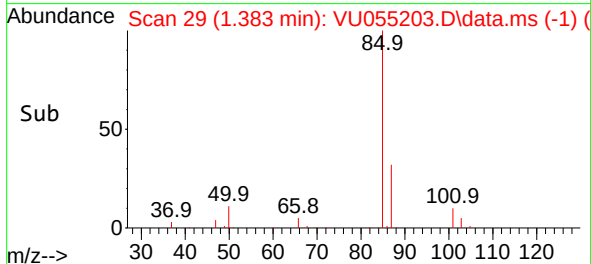
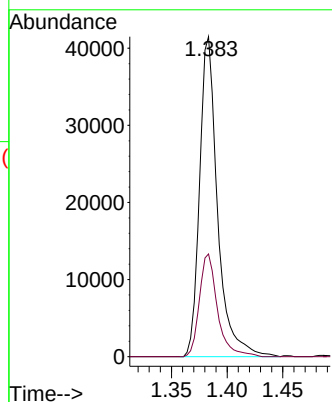
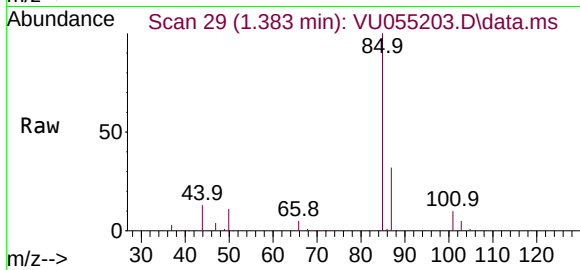




#2
 Dichlorodifluoromethane
 Concen: 4.824 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055203.D
 Acq: 07 Sep 2023 21:03

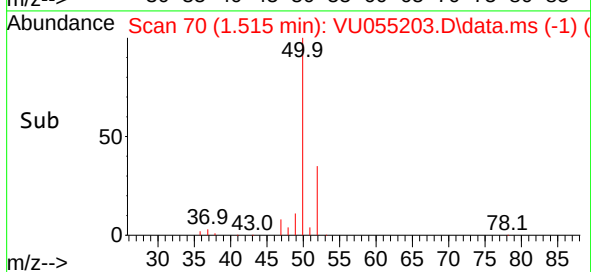
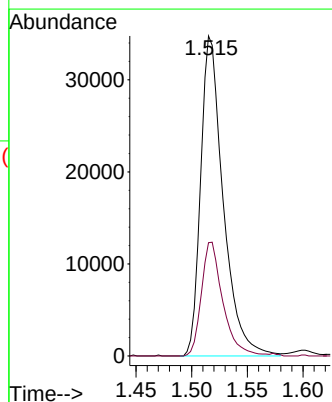
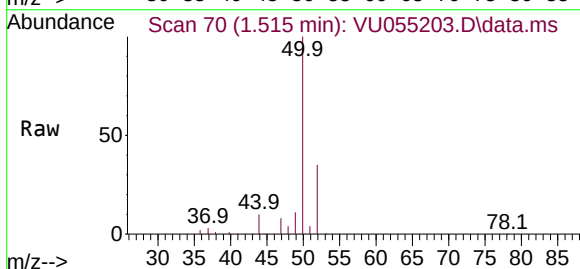
Instrument :
 MSVOA_U
 ClientSampleId :

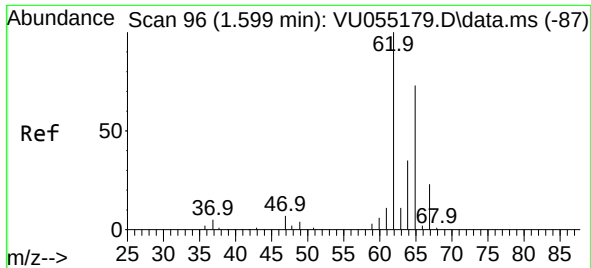
Tgt Ion: 85 Resp: 46626
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.1 37.7



#3
 Chloromethane
 Concen: 4.977 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU055203.D
 Acq: 07 Sep 2023 21:03

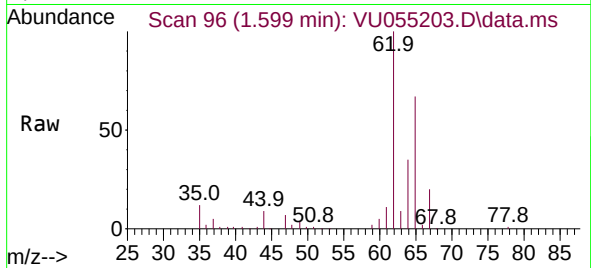
Tgt Ion: 50 Resp: 48969
 Ion Ratio Lower Upper
 50 100
 52 35.4 22.5 41.7



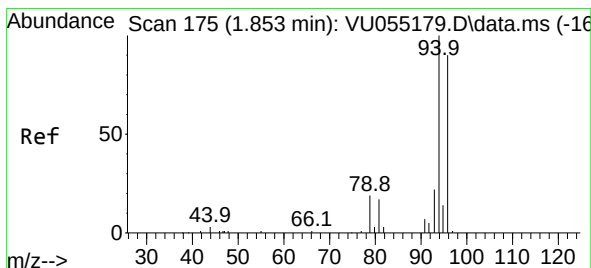
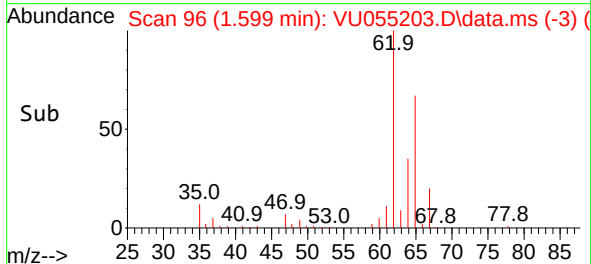
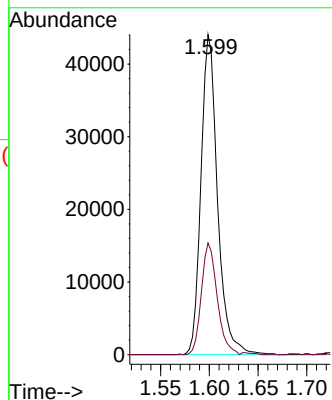


#5
 Vinyl chloride
 Concen: 5.012 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU055203.D
 Acq: 07 Sep 2023 21:03

Instrument :
 MSVOA_U
 ClientSampleId :

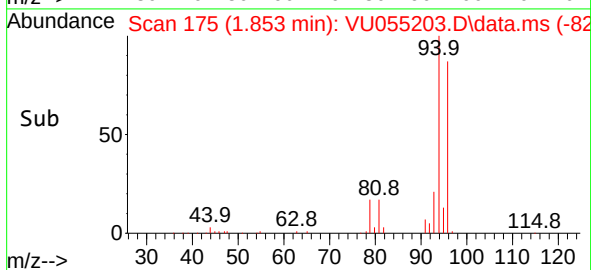
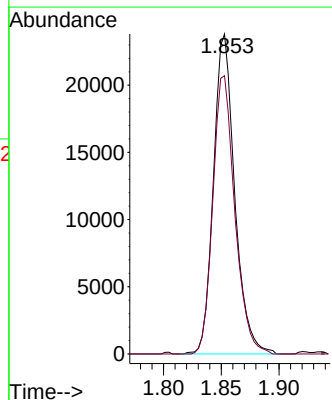
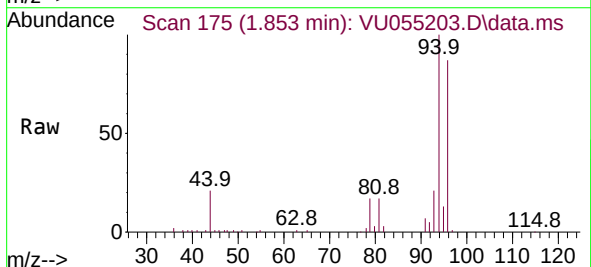


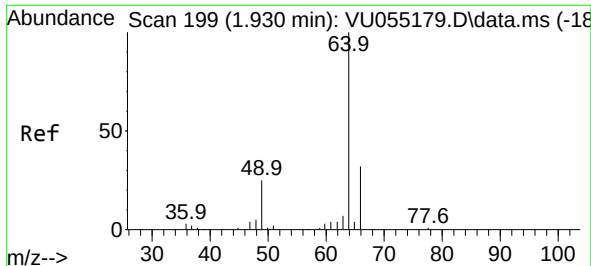
Tgt Ion: 62 Resp: 52023
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.2 45.0



#6
 Bromomethane
 Concen: 4.870 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU055203.D
 Acq: 07 Sep 2023 21:03

Tgt Ion: 94 Resp: 30491
 Ion Ratio Lower Upper
 94 100
 96 87.0 63.8 118.4

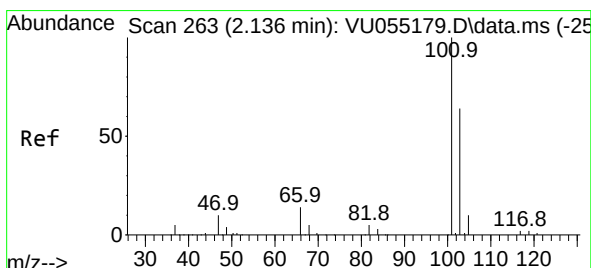
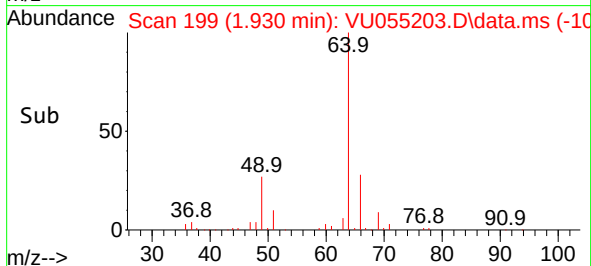
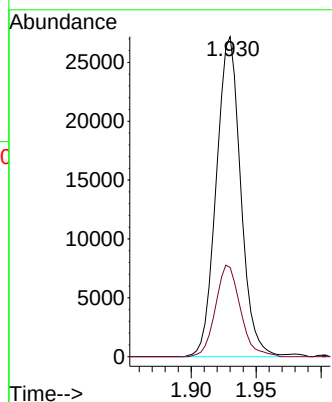
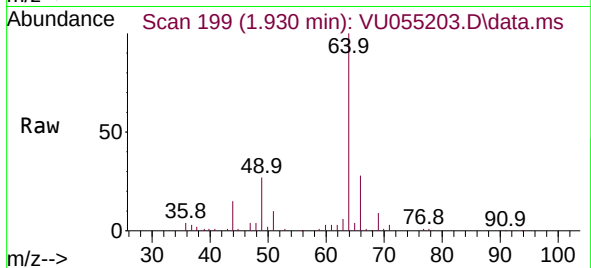




#8
Chloroethane
Concen: 5.246 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

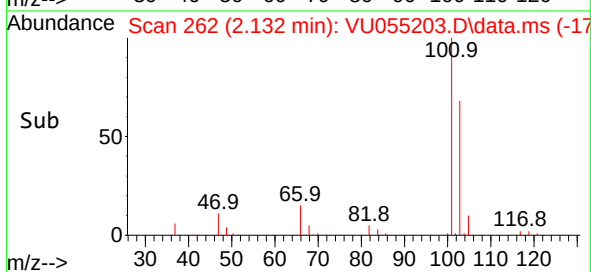
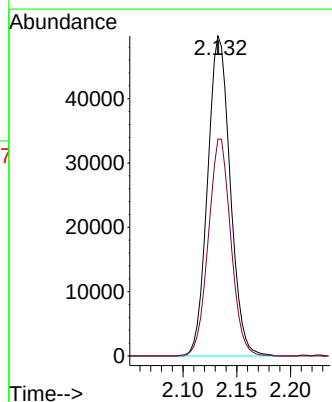
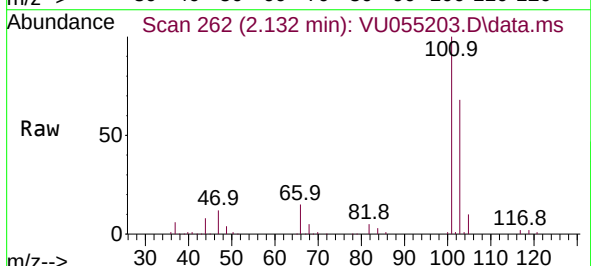
Instrument :
MSVOA_U
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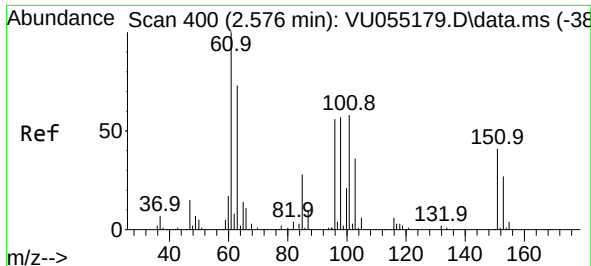
Tgt Ion: 64 Resp: 35455
Ion Ratio Lower Upper
64 100
66 27.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.817 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

Tgt Ion: 101 Resp: 72712
Ion Ratio Lower Upper
101 100
103 67.5 51.9 77.9

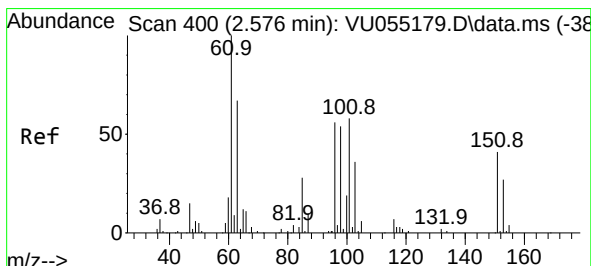
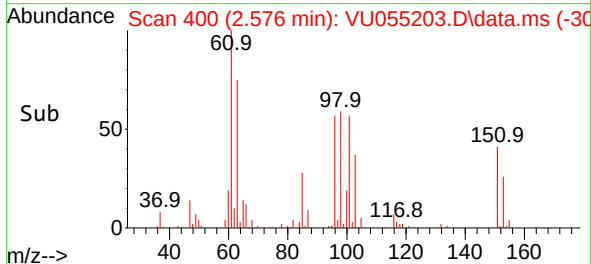
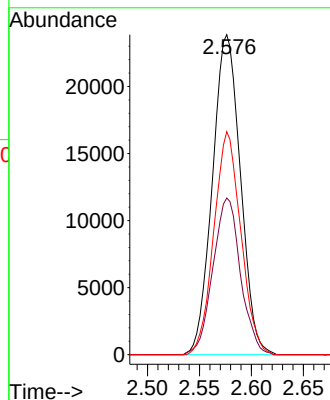
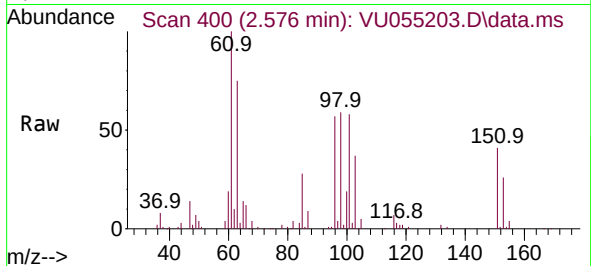




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.102 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055203.D
 Acq: 07 Sep 2023 21:03

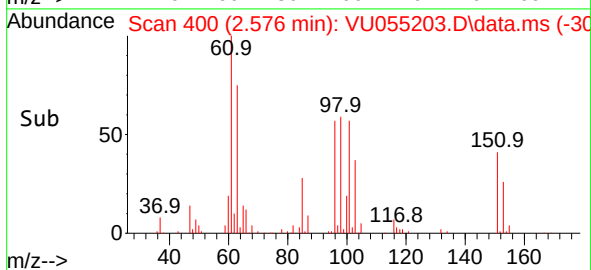
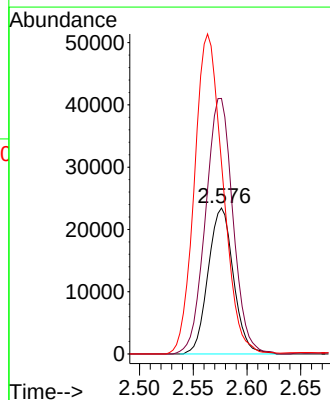
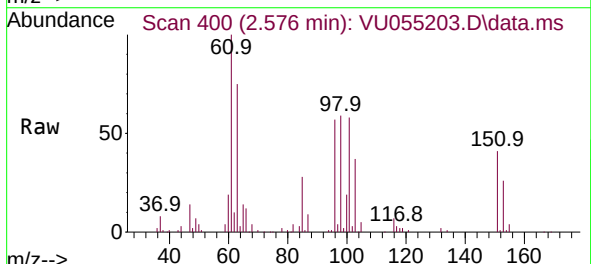
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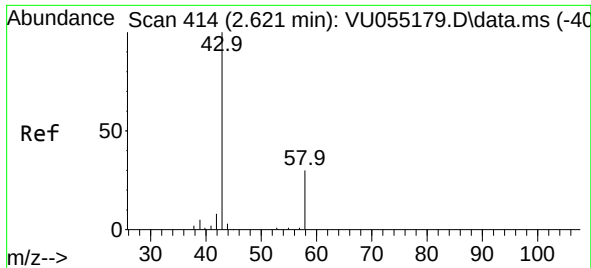
Tgt Ion:101 Resp: 44811
 Ion Ratio Lower Upper
 101 100
 85 48.2 37.3 55.9
 151 67.2 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 4.990 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055203.D
 Acq: 07 Sep 2023 21:03

Tgt Ion: 96 Resp: 38369
 Ion Ratio Lower Upper
 96 100
 61 175.0 120.8 224.4
 63 130.9 94.5 175.5





#13

Acetone

Concen: 49.743 ug/L

RT: 2.631 min Scan# 414

Delta R.T. 0.010 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

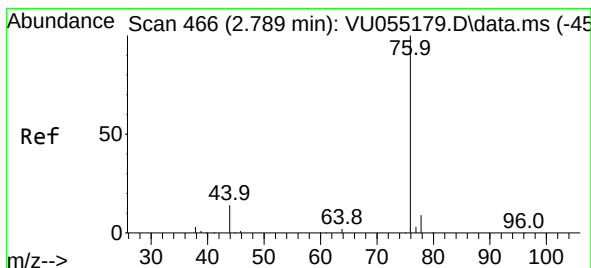
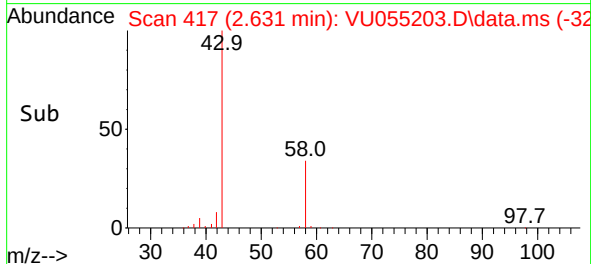
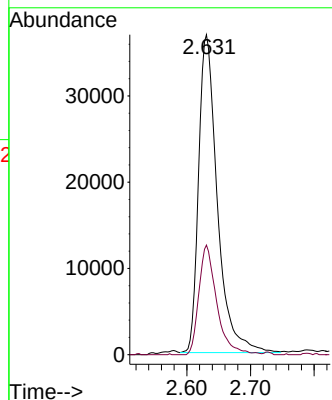
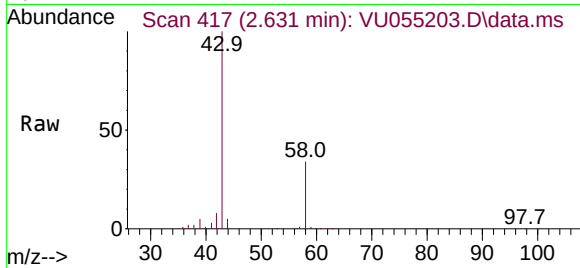
ClientSampleId :

Tgt Ion: 43 Resp: 75421

Ion Ratio Lower Upper

43 100

58 32.7 0.0 67.8



#14

Carbon disulfide

Concen: 4.650 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU055203.D

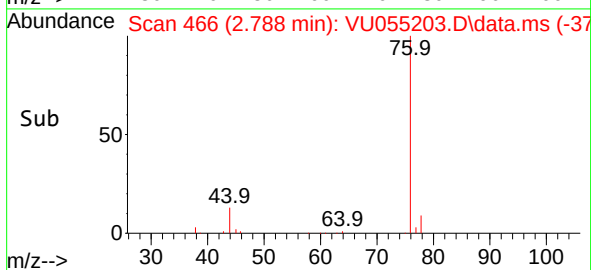
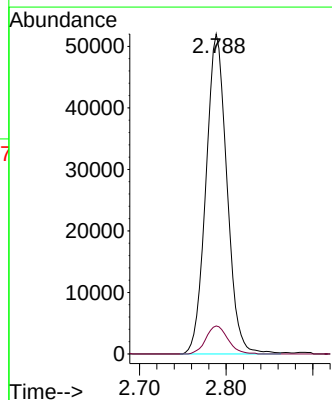
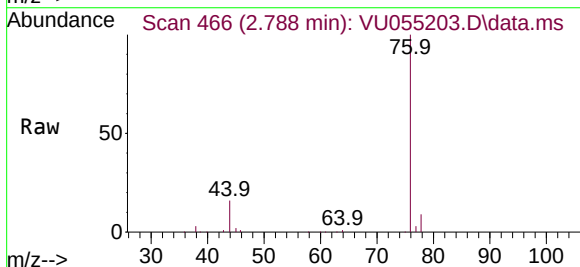
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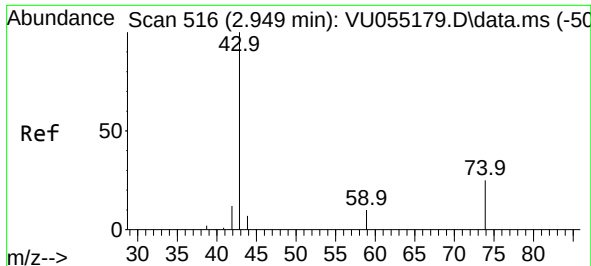
Tgt Ion: 76 Resp: 87575

Ion Ratio Lower Upper

76 100

78 8.7 6.8 10.2

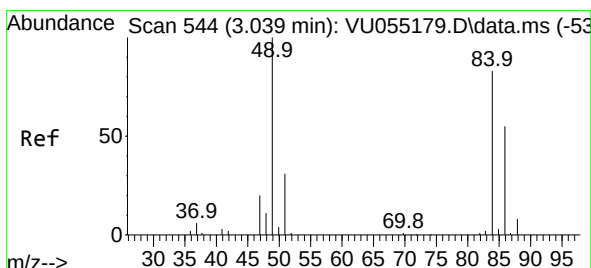
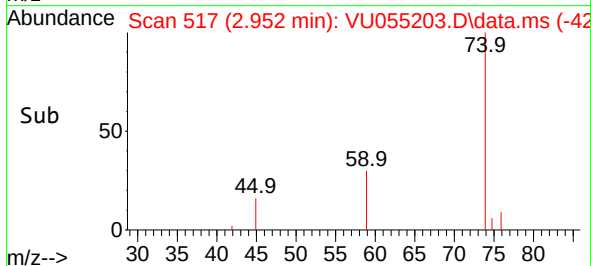
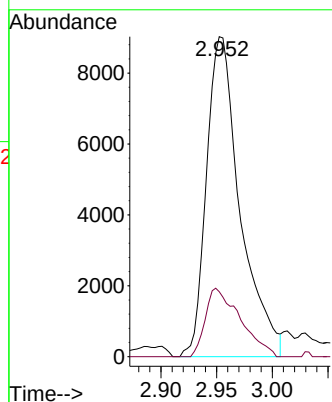
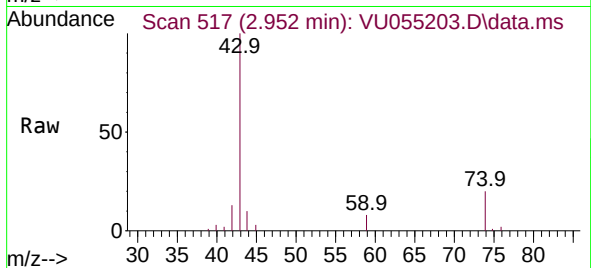




#15
Methyl Acetate
Concen: 6.112 ug/L
RT: 2.952 min Scan# 516
Delta R.T. 0.003 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

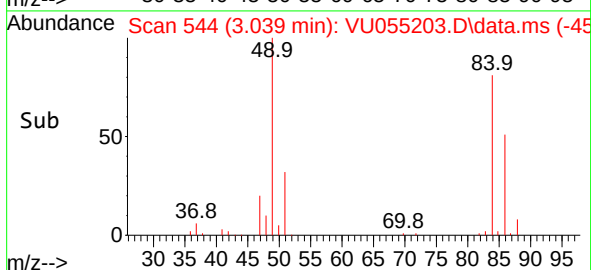
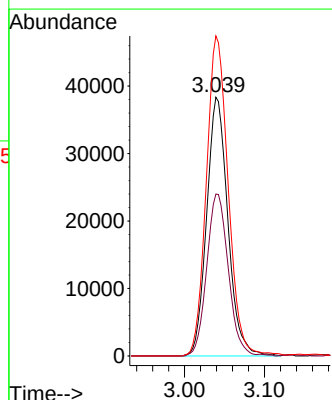
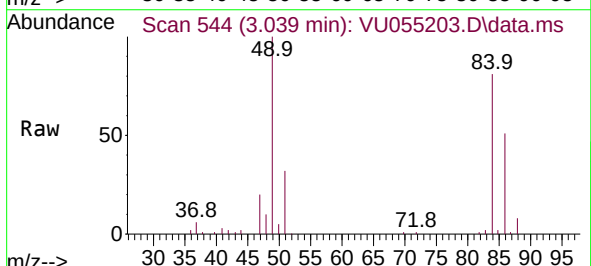
Instrument :
MSVOA_U
ClientSampleId :

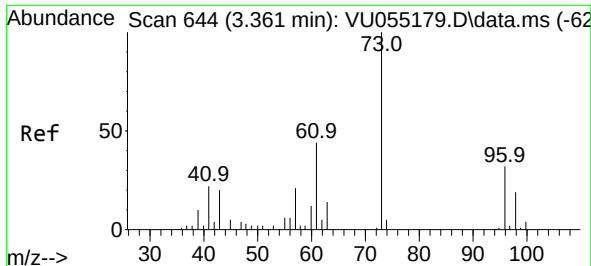
Tgt Ion: 43 Resp: 18967
Ion Ratio Lower Upper
43 100
74 22.3 18.4 27.6



#16
Methylene chloride
Concen: 6.036 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

Tgt Ion: 84 Resp: 70919
Ion Ratio Lower Upper
84 100
86 62.6 43.4 80.6
49 123.7 87.7 162.9

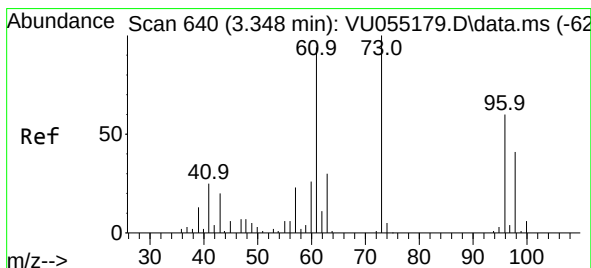
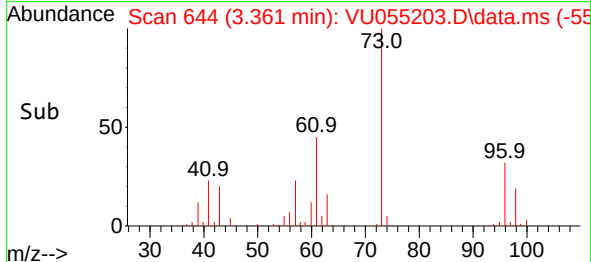
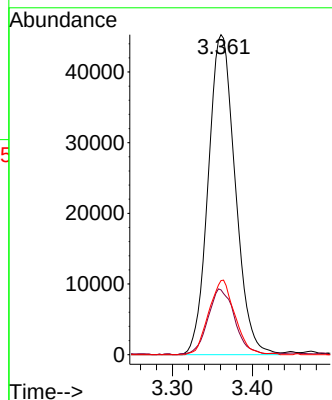
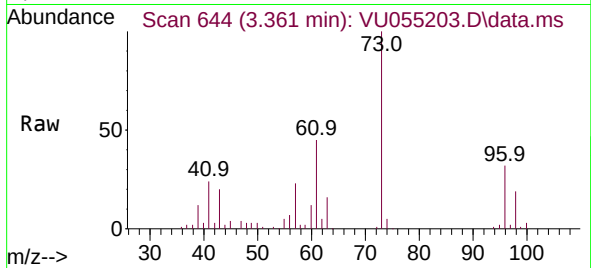




#17
Methyl tert-butyl Ether
Concen: 5.264 ug/L
RT: 3.361 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

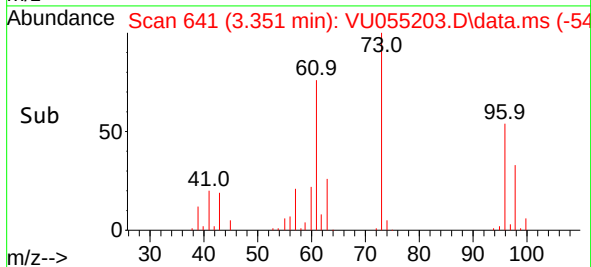
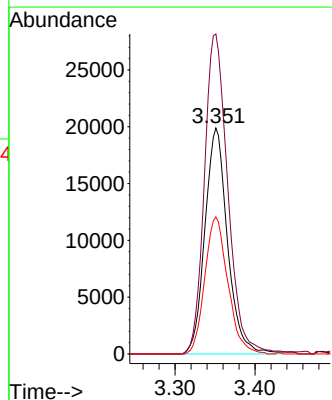
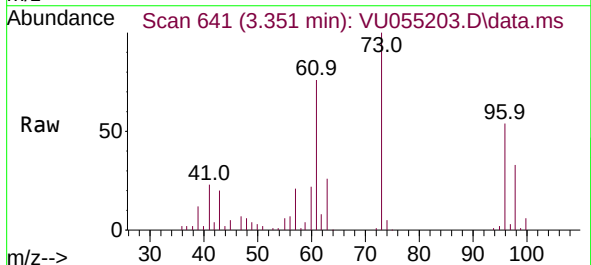
Instrument :
MSVOA_U
ClientSampleId :

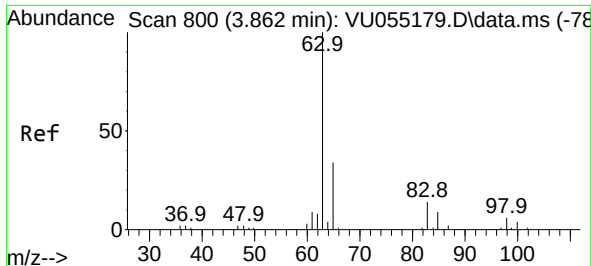
Tgt Ion: 73 Resp: 106156
Ion Ratio Lower Upper
73 100
43 20.5 16.2 24.2
57 22.5 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.030 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

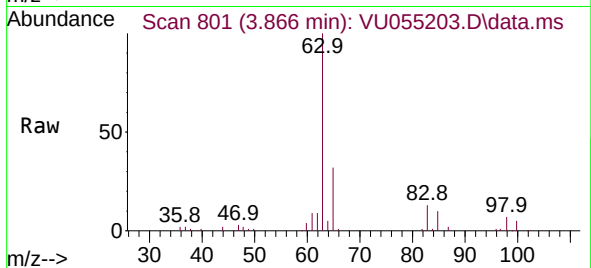
Tgt Ion: 96 Resp: 39245
Ion Ratio Lower Upper
96 100
61 141.6 108.1 200.9
98 60.7 45.4 84.4



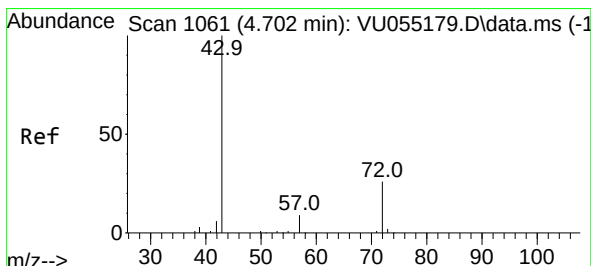
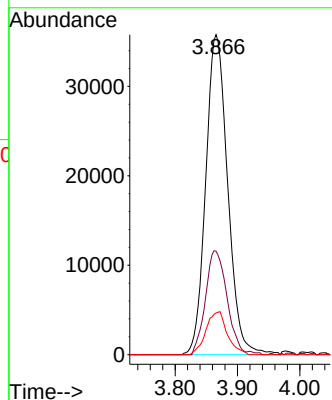
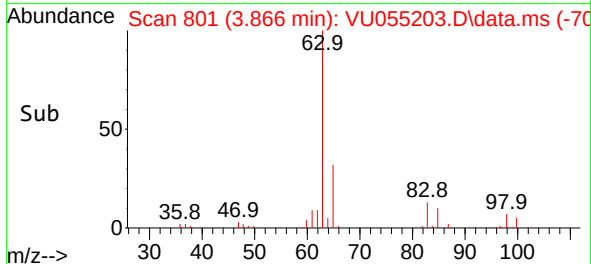


#19
1,1-Dichloroethane
Concen: 5.199 ug/L
RT: 3.866 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

Instrument :
MSVOA_U
ClientSampleId :

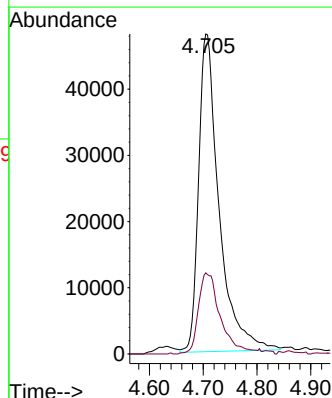
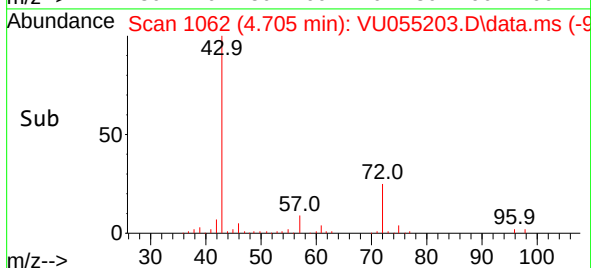
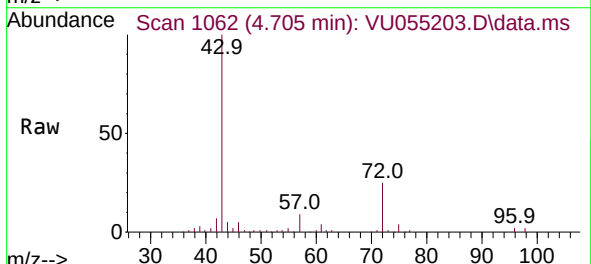


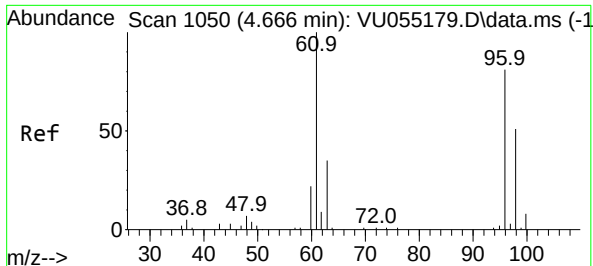
Tgt Ion: 63 Resp: 87665
Ion Ratio Lower Upper
63 100
65 32.3 22.2 41.2
83 13.0 10.6 19.8



#21
2-Butanone
Concen: 56.928 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.003 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

Tgt Ion: 43 Resp: 126819
Ion Ratio Lower Upper
43 100
72 27.3 13.5 40.5





#22

cis-1,2-Dichloroethene

Concen: 5.054 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

ClientSampleId :

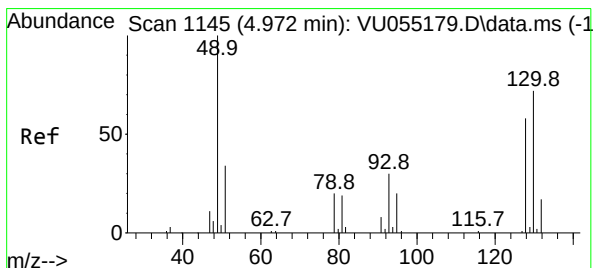
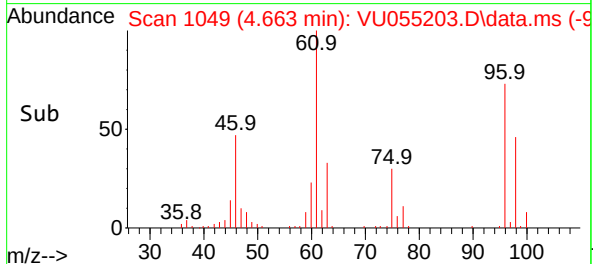
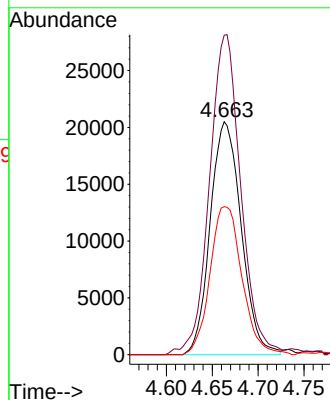
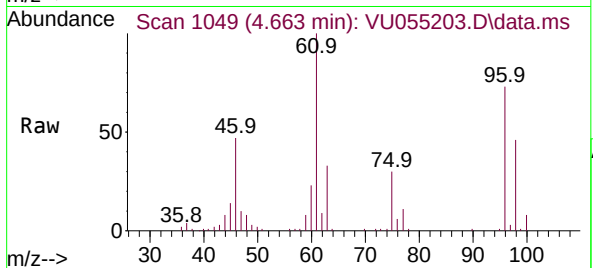
Tgt Ion: 96 Resp: 48263

Ion Ratio Lower Upper

96 100

61 137.1 97.2 180.4

98 63.6 46.1 85.7



#23

Bromochloromethane

Concen: 5.383 ug/L

RT: 4.975 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Tgt Ion:128 Resp: 21144

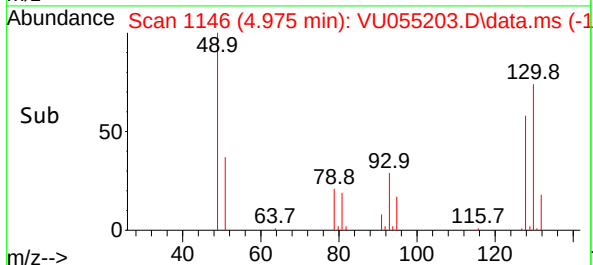
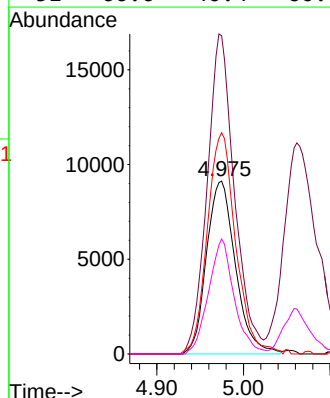
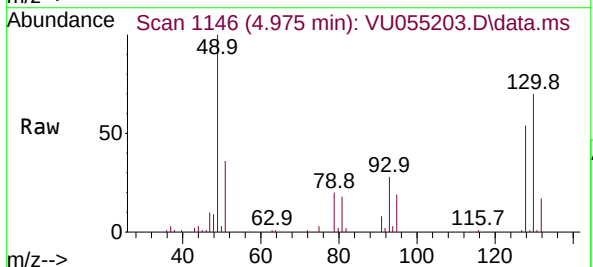
Ion Ratio Lower Upper

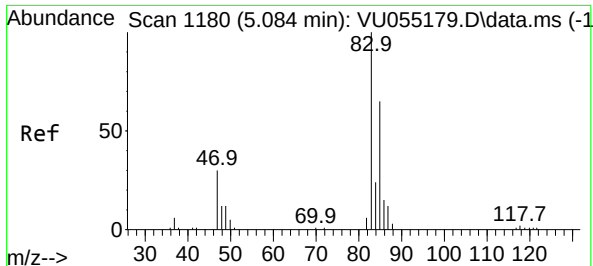
128 100

49 184.2 118.9 220.9

130 128.1 88.0 163.4

51 66.6 40.4 60.6#





#25

Chloroform

Concen: 5.405 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

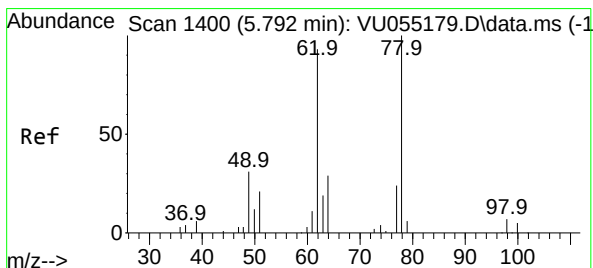
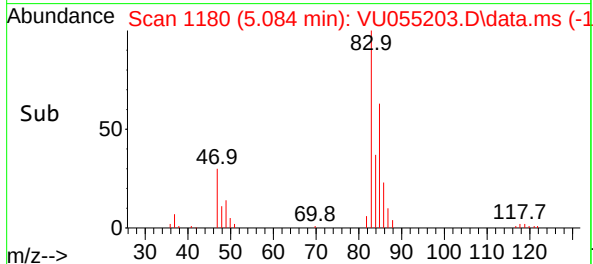
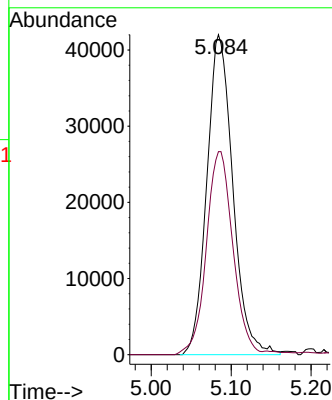
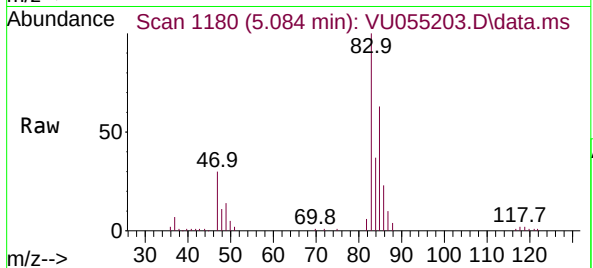
ClientSampleId :

Tgt Ion: 83 Resp: 94915

Ion Ratio Lower Upper

83 100

85 63.4 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.280 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055203.D

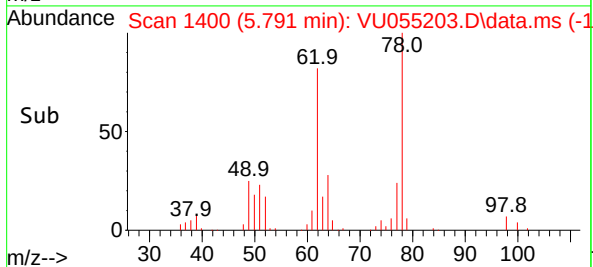
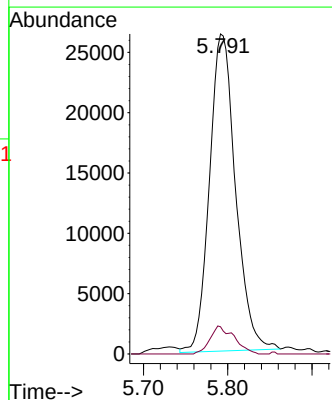
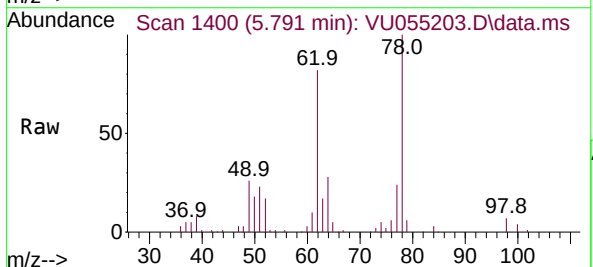
Acq: 07 Sep 2023 21:03

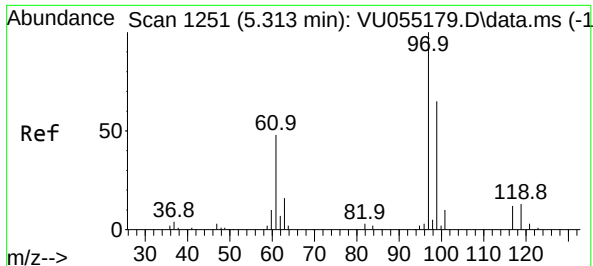
Tgt Ion: 62 Resp: 56590

Ion Ratio Lower Upper

62 100

98 8.5 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 4.900 ug/L

RT: 5.312 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

ClientSampleId :

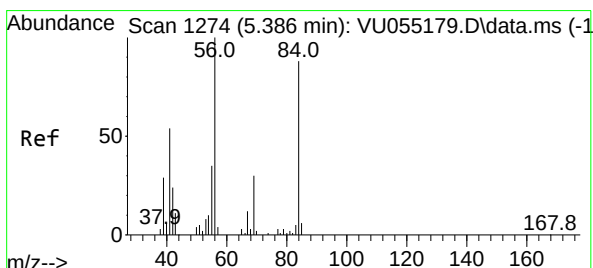
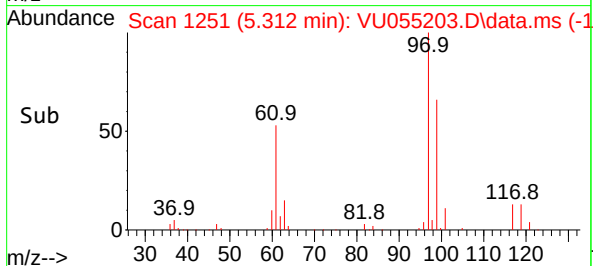
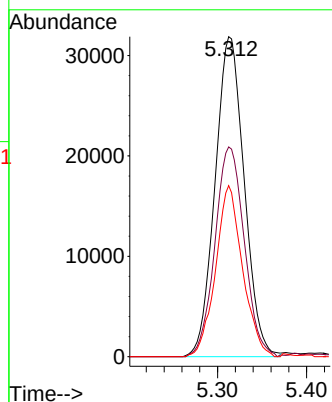
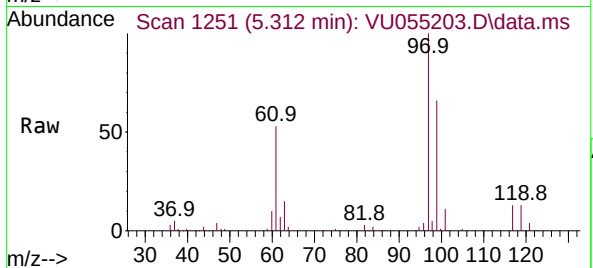
Tgt Ion: 97 Resp: 72488

Ion Ratio Lower Upper

97 100

99 65.9 51.8 77.8

61 49.4 36.8 55.2



#30

Cyclohexane

Concen: 4.669 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

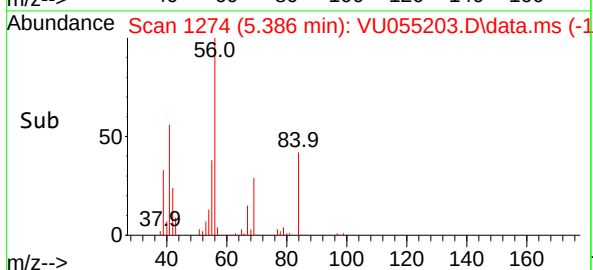
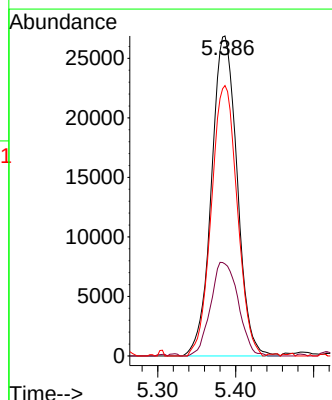
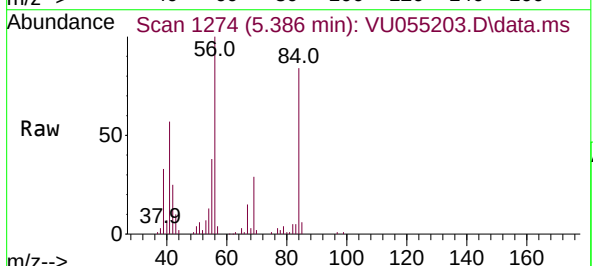
Tgt Ion: 56 Resp: 61413

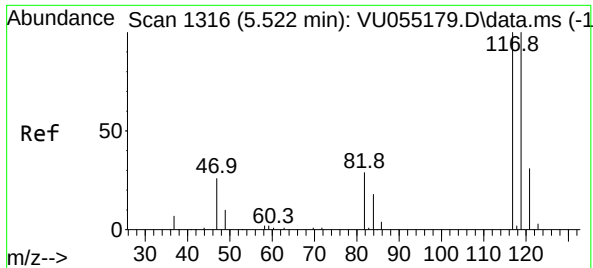
Ion Ratio Lower Upper

56 100

69 31.5 24.6 37.0

84 85.3 68.8 103.2

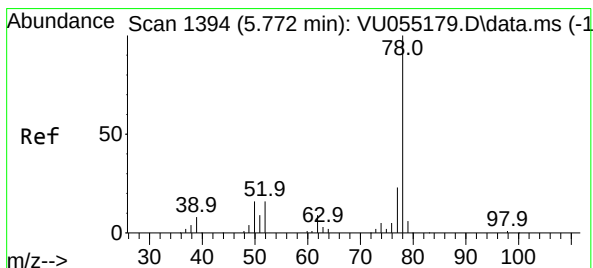
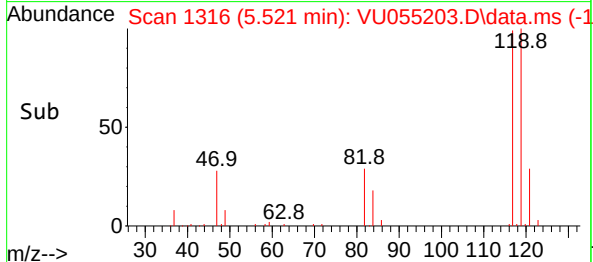
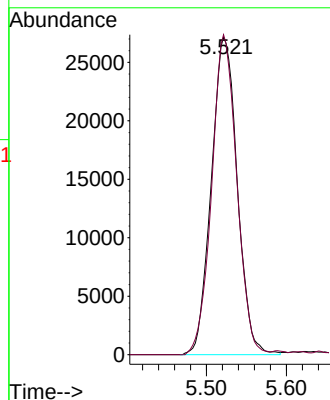
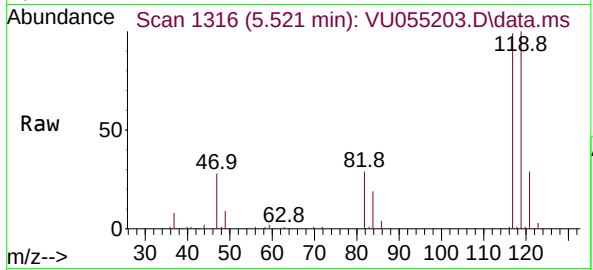




#31
Carbon tetrachloride
Concen: 4.972 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

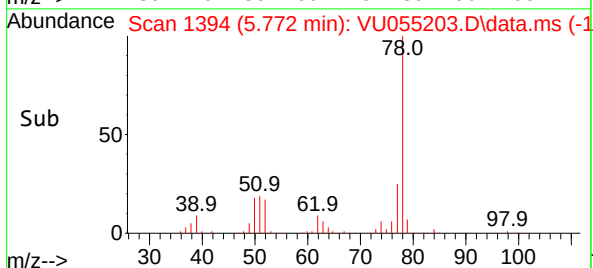
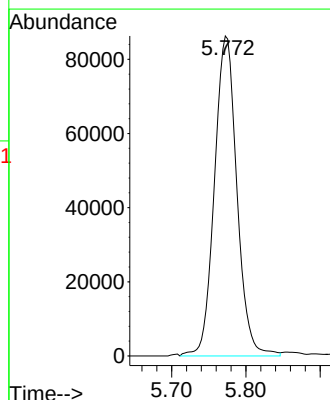
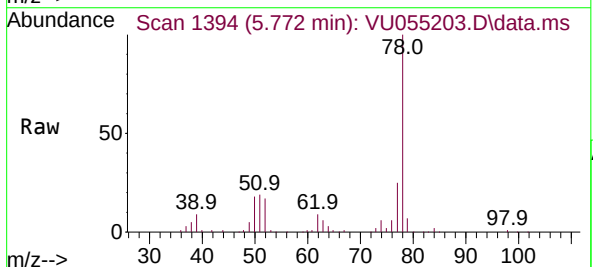
Instrument :
MSVOA_U
ClientSampleId :

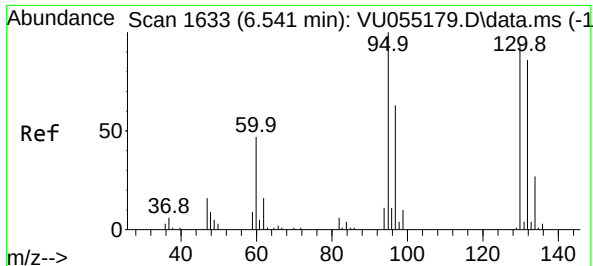
Tgt Ion:117 Resp: 61161
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.0



#33
Benzene
Concen: 4.988 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

Tgt Ion: 78 Resp: 181547





#34

Trichloroethene

Concen: 4.829 ug/L

RT: 6.544 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 48845

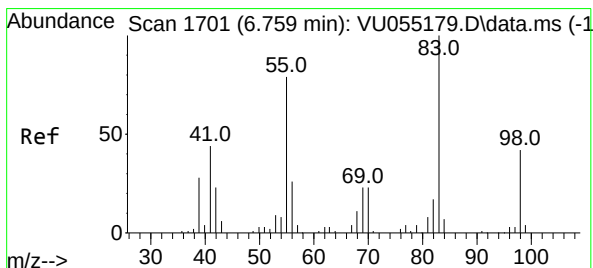
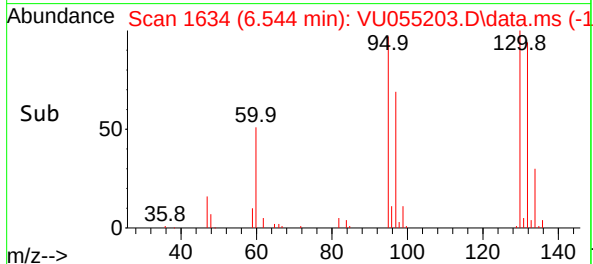
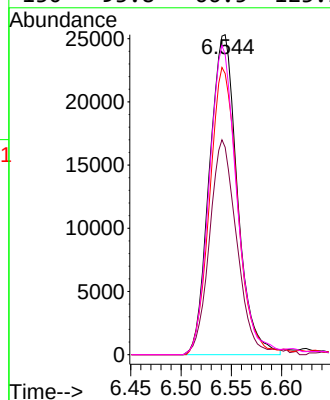
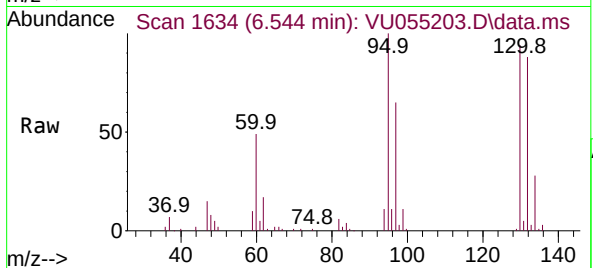
Ion Ratio Lower Upper

95 100

97 64.8 44.7 83.1

132 87.9 66.6 123.6

130 93.8 66.5 123.5



#35

Methylcyclohexane

Concen: 4.557 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

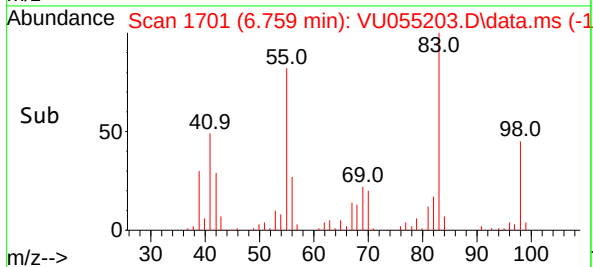
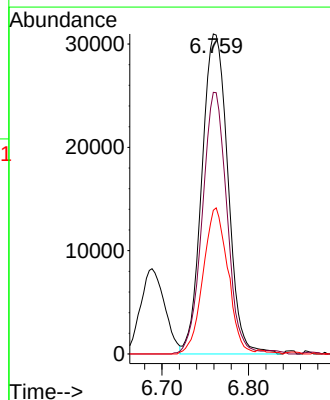
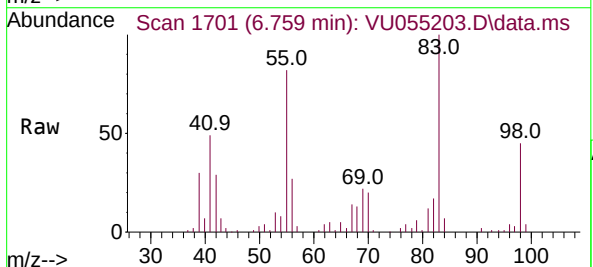
Tgt Ion: 83 Resp: 64670

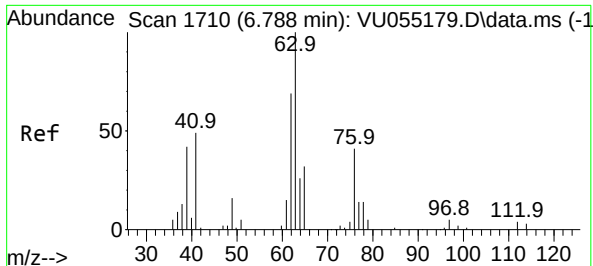
Ion Ratio Lower Upper

83 100

55 77.1 60.4 90.6

98 43.7 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.383 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

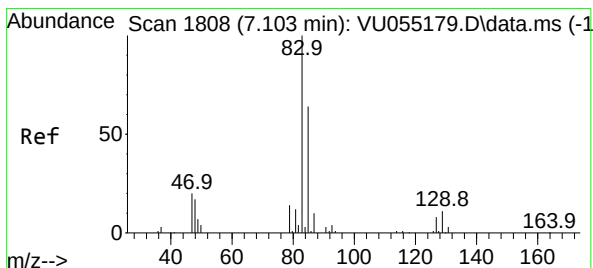
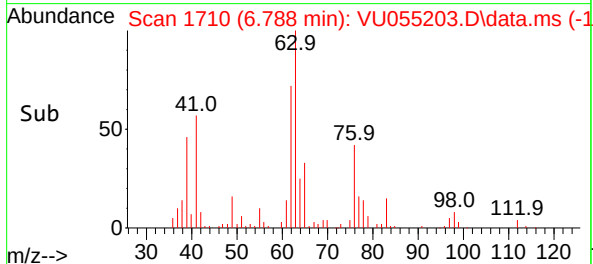
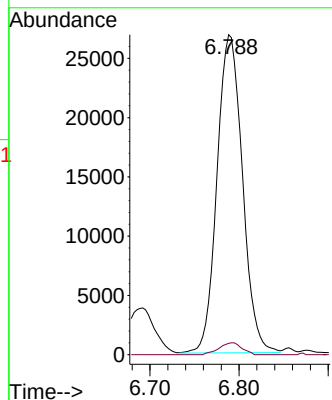
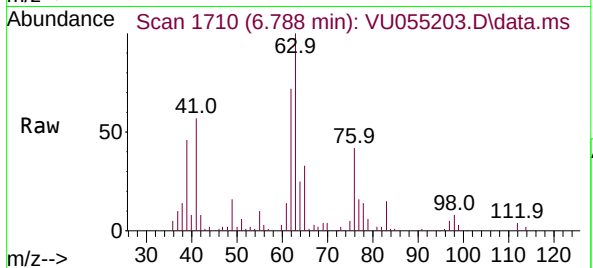
ClientSampleId :

Tgt Ion: 63 Resp: 53336

Ion Ratio Lower Upper

63 100

112 3.4 3.2 4.8



#38

Bromodichloromethane

Concen: 5.152 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

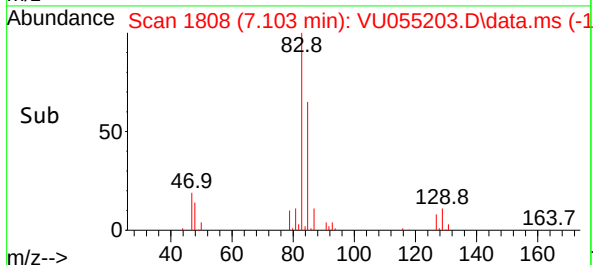
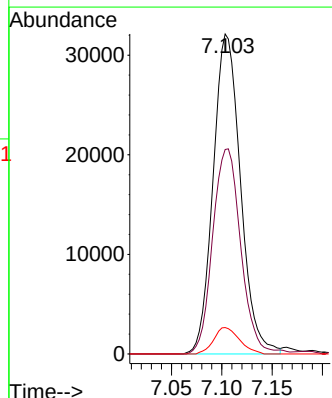
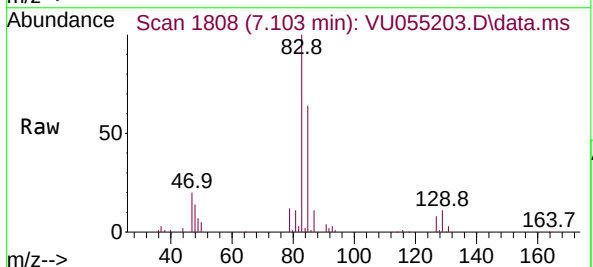
Tgt Ion: 83 Resp: 60949

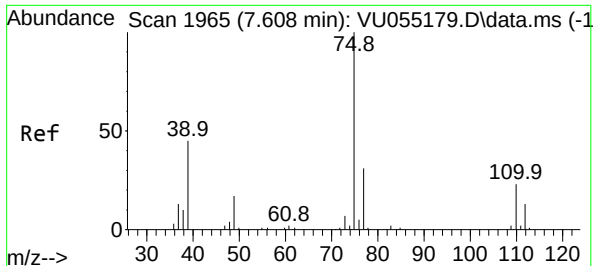
Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.5

127 8.3 7.8 11.8

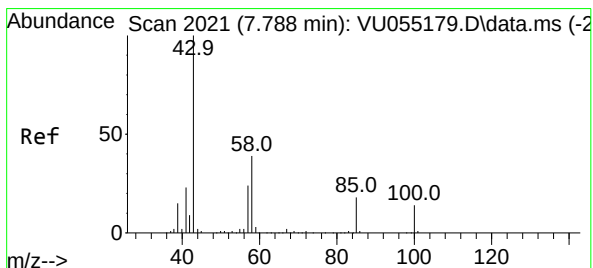
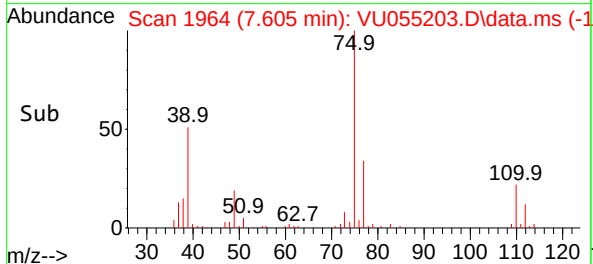
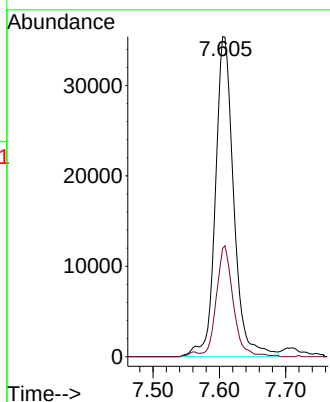
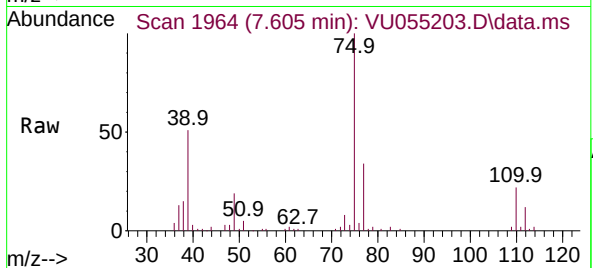




#39
 cis-1,3-Dichloropropene
 Concen: 5.053 ug/L
 RT: 7.605 min Scan# 1965
 Delta R.T. -0.003 min
 Lab File: VU055203.D
 Acq: 07 Sep 2023 21:03

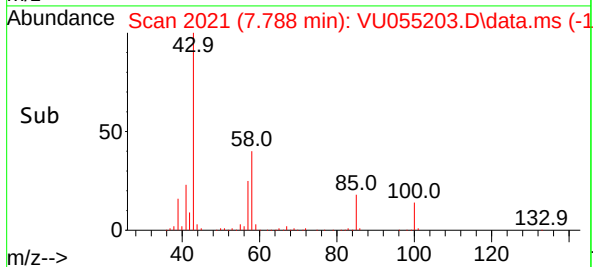
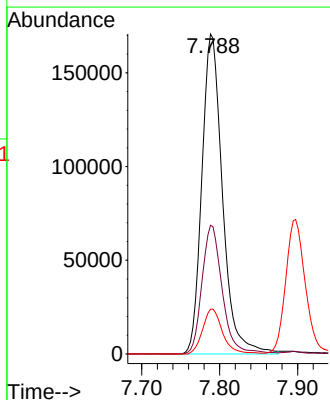
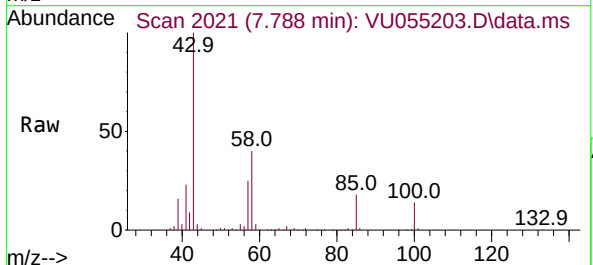
Instrument :
 MSVOA_U
 ClientSampleId :

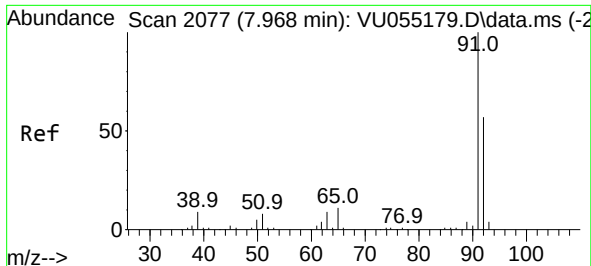
Tgt Ion: 75 Resp: 68098
 Ion Ratio Lower Upper
 75 100
 77 33.8 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 55.594 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. -0.000 min
 Lab File: VU055203.D
 Acq: 07 Sep 2023 21:03

Tgt Ion: 43 Resp: 314238
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.5 47.3
 100 13.6 11.8 17.8





#42

Toluene

Concen: 5.017 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

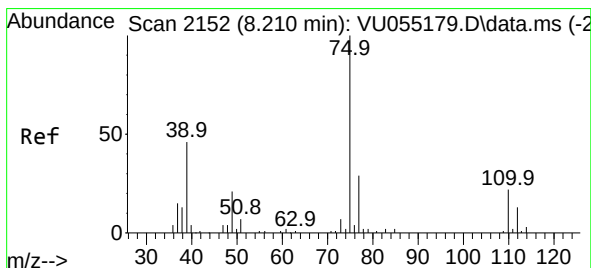
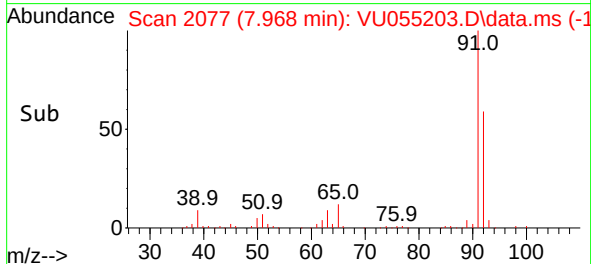
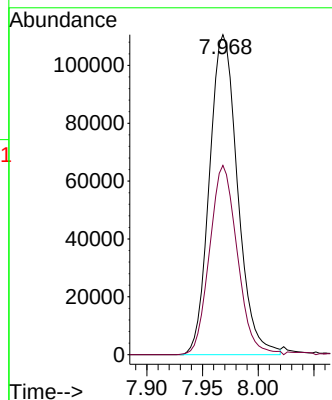
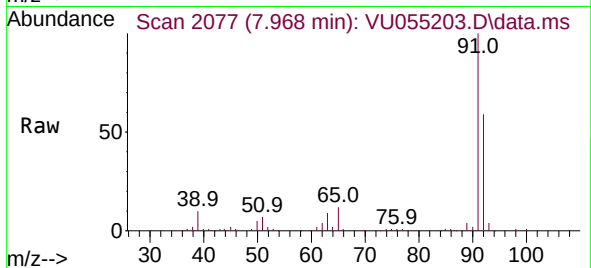
ClientSampleId :

Tgt Ion: 91 Resp: 194649

Ion Ratio Lower Upper

91 100

92 59.2 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 4.939 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU055203.D

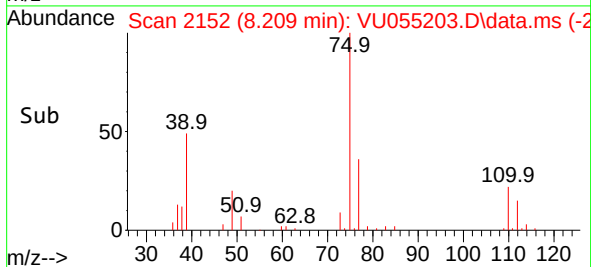
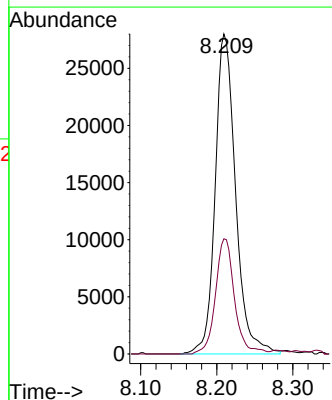
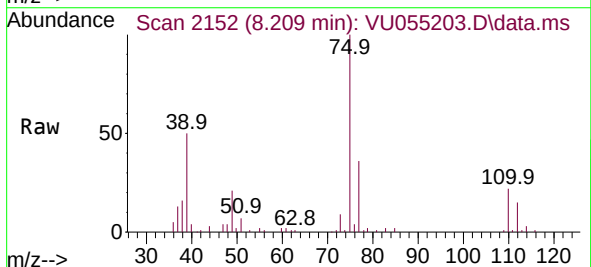
Acq: 07 Sep 2023 21:03

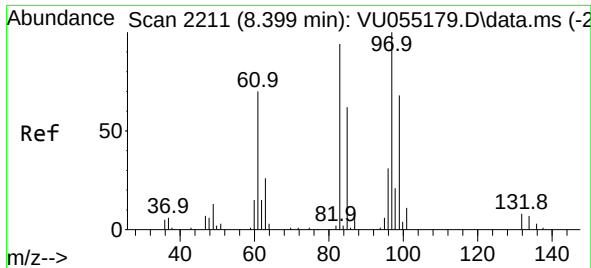
Tgt Ion: 75 Resp: 52247

Ion Ratio Lower Upper

75 100

77 36.0 20.5 38.1



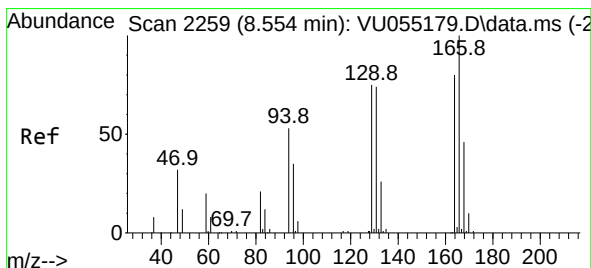
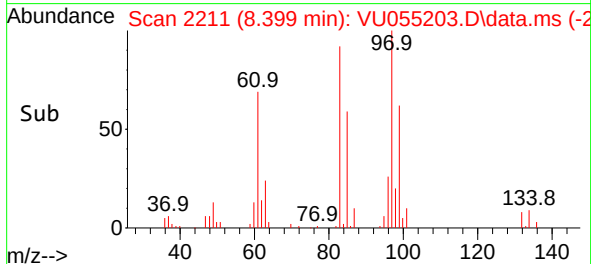
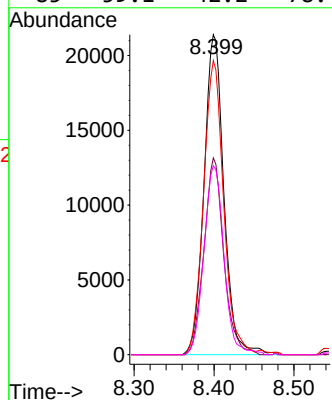
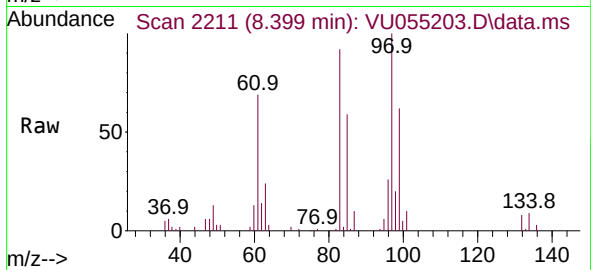


#45
1,1,2-Trichloroethane
Concen: 5.548 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 37029

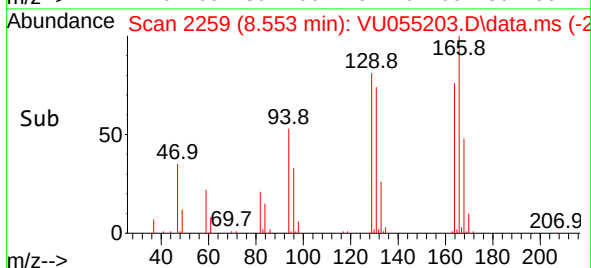
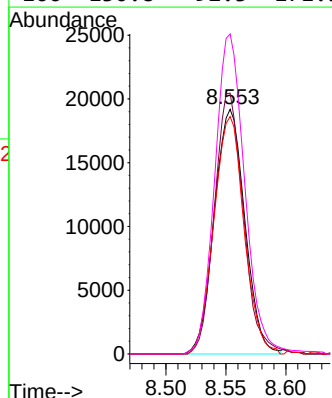
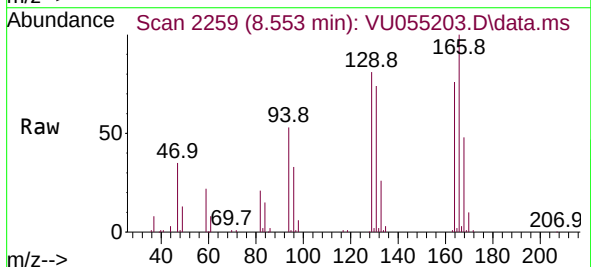
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.9	83.5
83	91.9	66.9	124.3
85	59.1	42.2	78.4

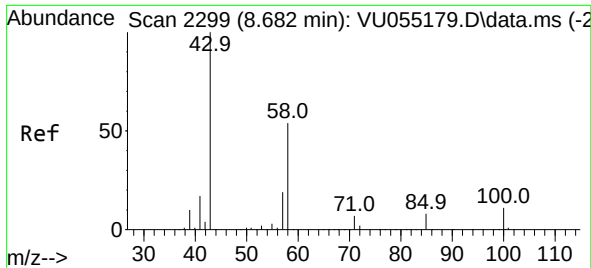


#47
Tetrachloroethene
Concen: 4.855 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.000 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

Tgt Ion: 164 Resp: 33940

Ion	Ratio	Lower	Upper
164	100		
129	106.5	69.2	128.6
131	97.0	68.8	127.8
166	130.8	92.3	171.5



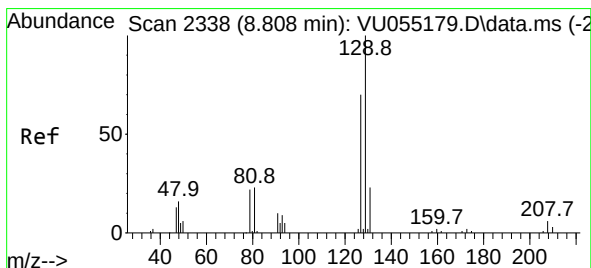
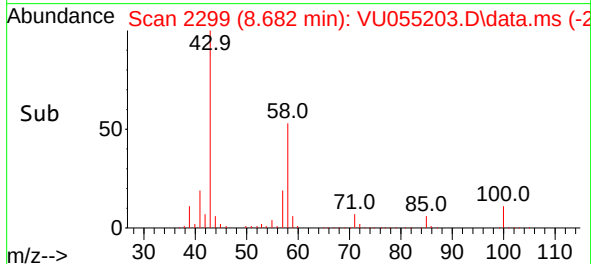
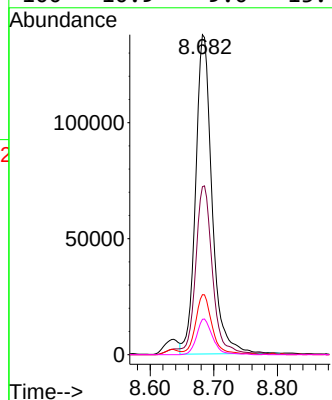
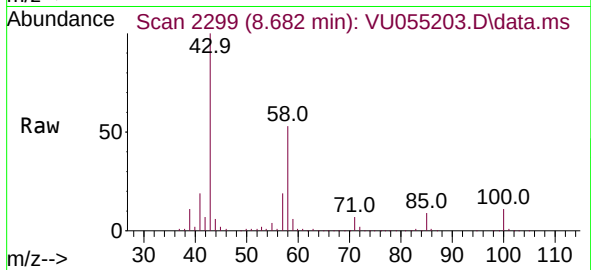


#48
2-Hexanone
Concen: 55.709 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 246643

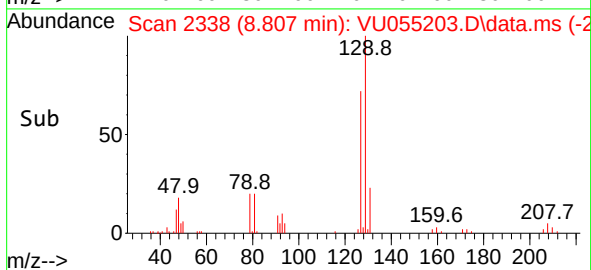
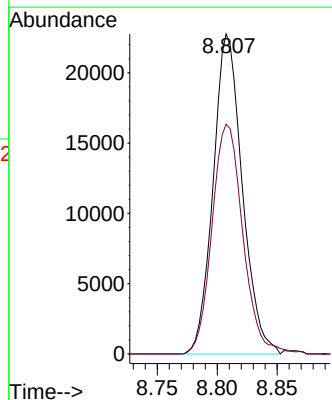
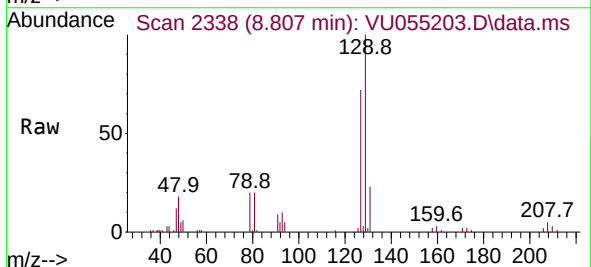
Ion	Ratio	Lower	Upper
43	100		
58	55.7	44.0	66.0
57	19.0	16.2	24.2
100	10.9	9.0	13.4

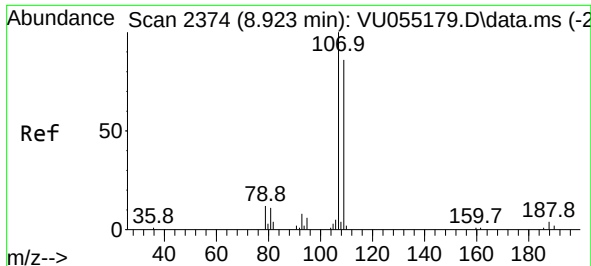


#49
Dibromochloromethane
Concen: 5.271 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

Tgt Ion: 129 Resp: 38406

Ion	Ratio	Lower	Upper
129	100		
127	71.8	55.9	103.7





#50

1,2-Dibromoethane

Concen: 5.546 ug/L

RT: 8.923 min Scan# 21

Delta R.T. -0.000 min

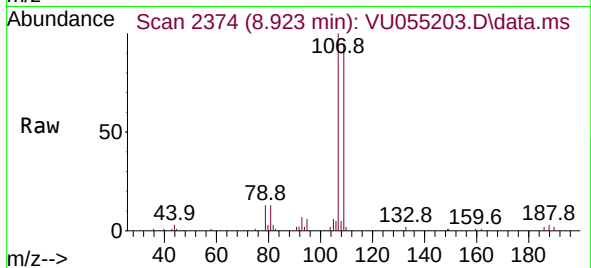
Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

ClientSampleId :



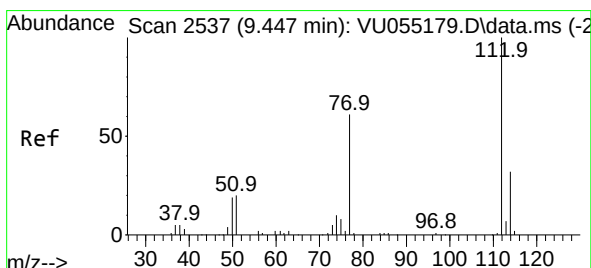
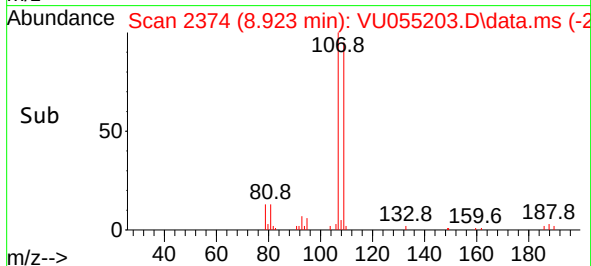
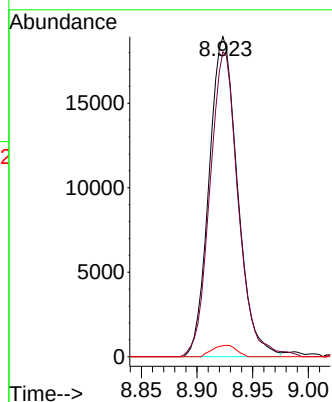
Tgt Ion:107 Resp: 33706

Ion Ratio Lower Upper

107 100

109 95.3 71.4 132.6

188 3.4 3.1 4.7



#51

Chlorobenzene

Concen: 4.977 ug/L

RT: 9.447 min Scan# 2537

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

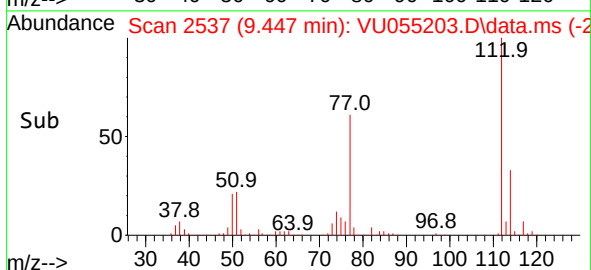
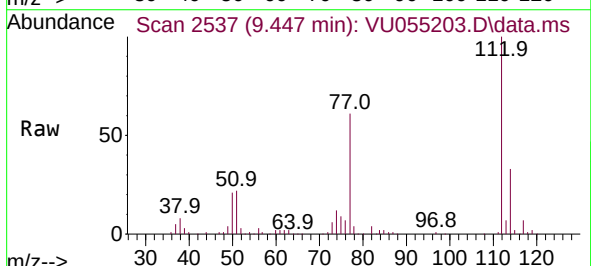
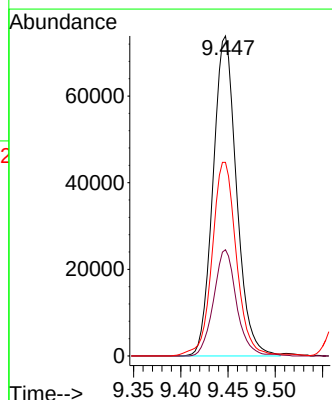
Tgt Ion:112 Resp: 127888

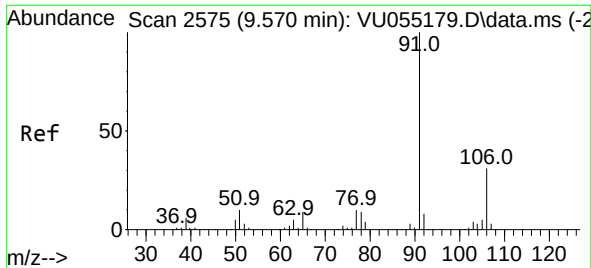
Ion Ratio Lower Upper

112 100

114 33.2 21.7 40.3

77 60.5 48.6 72.8

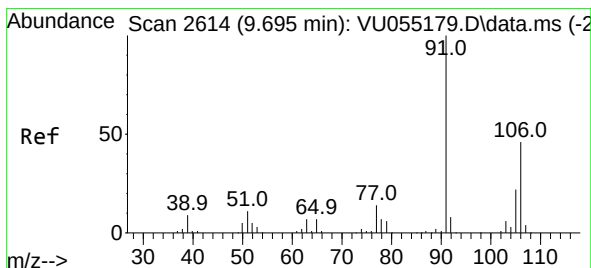
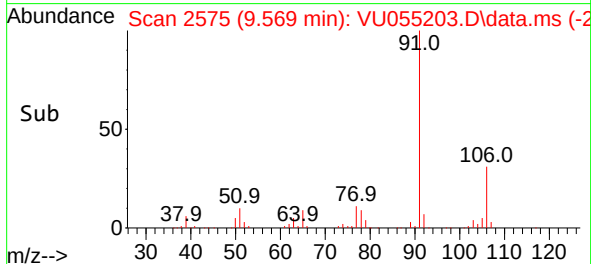
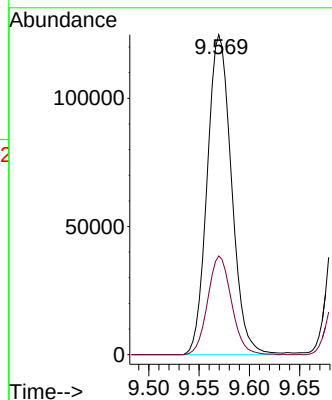
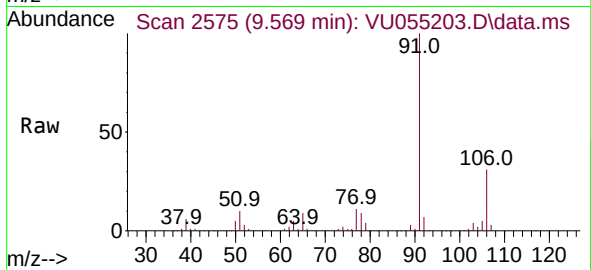




#52
Ethylbenzene
Concen: 4.830 ug/L
RT: 9.569 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

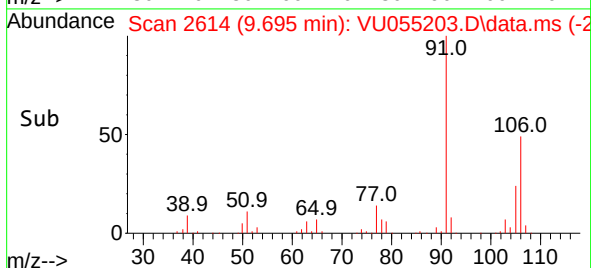
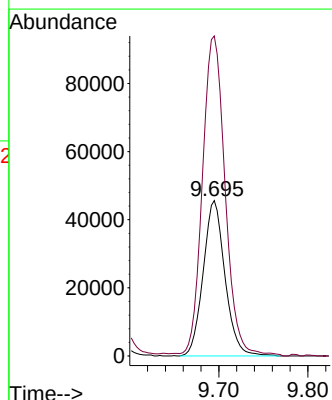
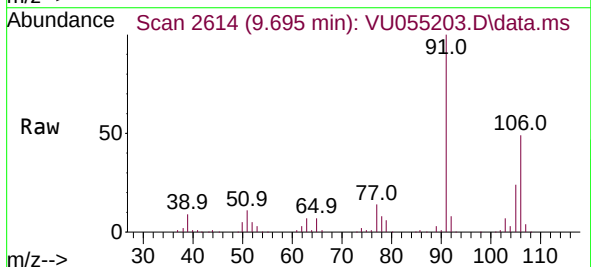
Instrument :
MSVOA_U
ClientSampleId :

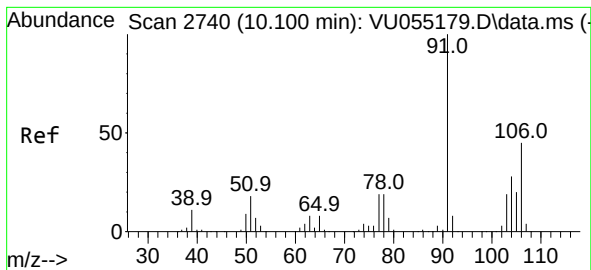
Tgt Ion: 91 Resp: 209646
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9



#53
m,p-Xylene
Concen: 4.824 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. -0.000 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

Tgt Ion:106 Resp: 77488
Ion Ratio Lower Upper
106 100
91 205.9 148.3 275.5





#54

o-Xylene

Concen: 4.812 ug/L

RT: 10.100 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

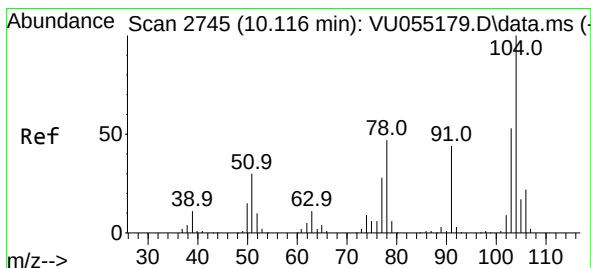
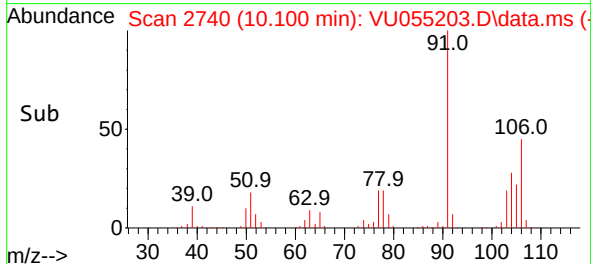
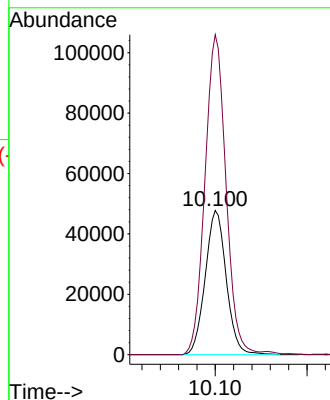
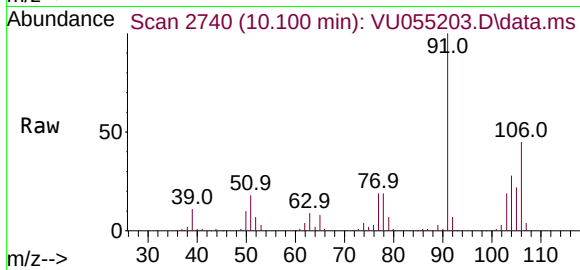
ClientSampleId :

Tgt Ion:106 Resp: 76054

Ion Ratio Lower Upper

106 100

91 222.0 152.9 284.1



#55

Styrene

Concen: 4.924 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.003 min

Lab File: VU055203.D

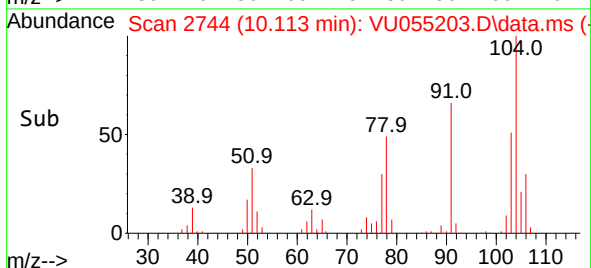
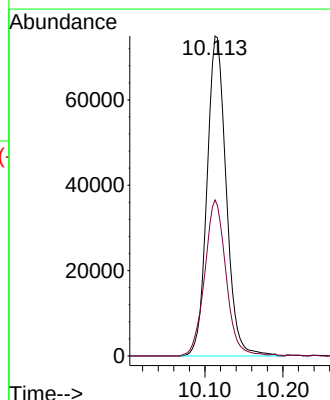
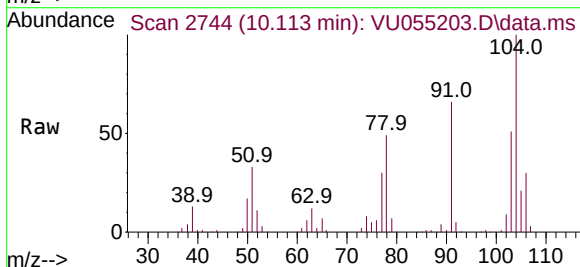
Acq: 07 Sep 2023 21:03

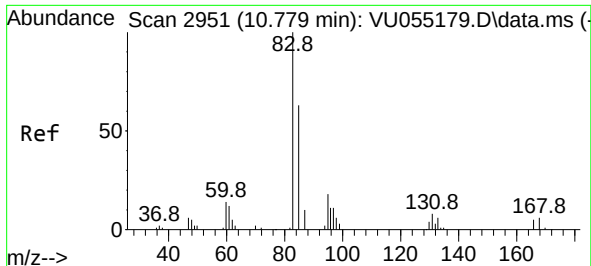
Tgt Ion:104 Resp: 128532

Ion Ratio Lower Upper

104 100

78 48.8 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.621 ug/L

RT: 10.782 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

ClientSampleId :

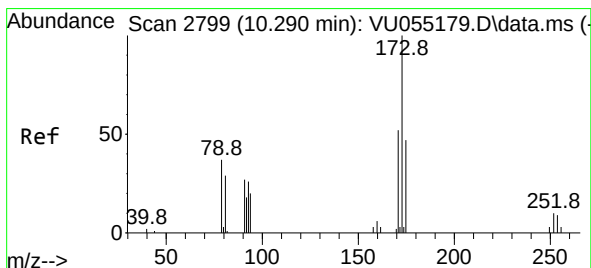
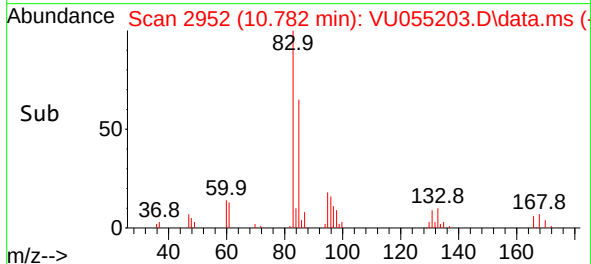
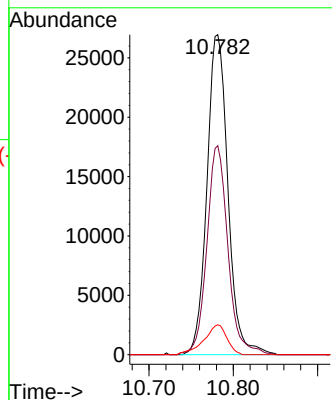
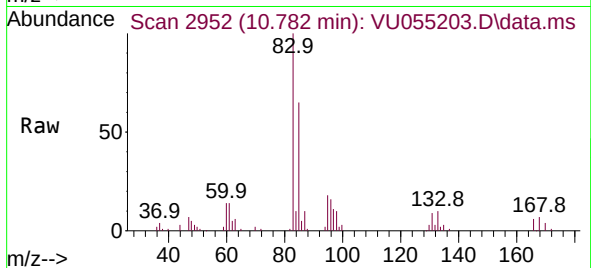
Tgt Ion: 83 Resp: 46731

Ion Ratio Lower Upper

83 100

85 65.3 42.4 78.6

131 9.3 7.6 11.4



#59

Bromoform

Concen: 5.029 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

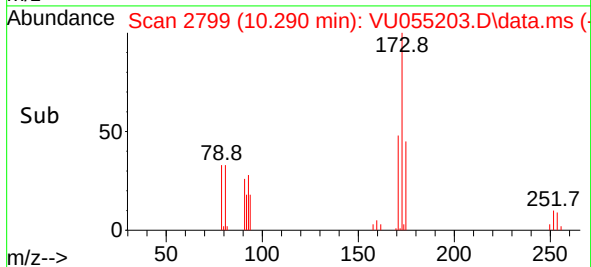
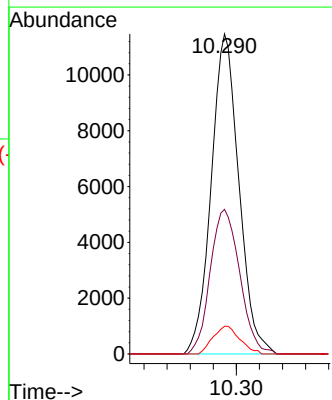
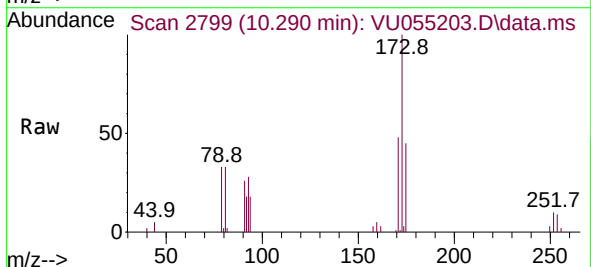
Tgt Ion:173 Resp: 19069

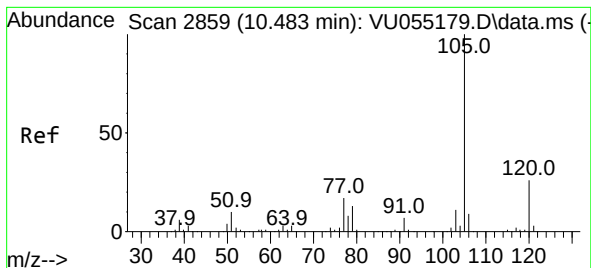
Ion Ratio Lower Upper

173 100

175 48.2 40.9 61.3

254 8.4 7.0 10.4





#60

Isopropylbenzene

Concen: 4.717 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

ClientSampleId :

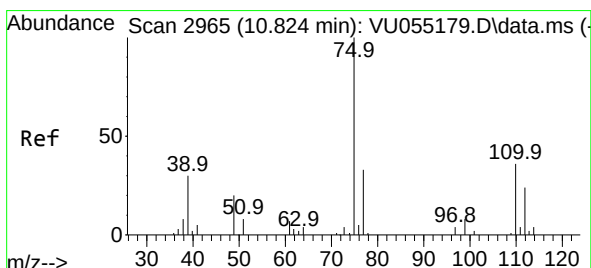
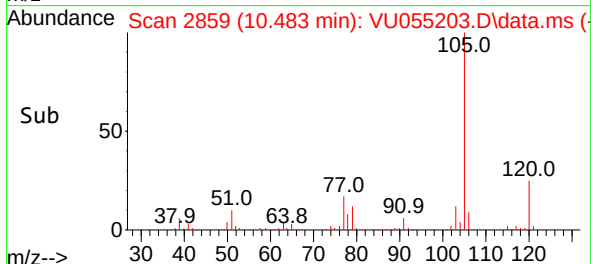
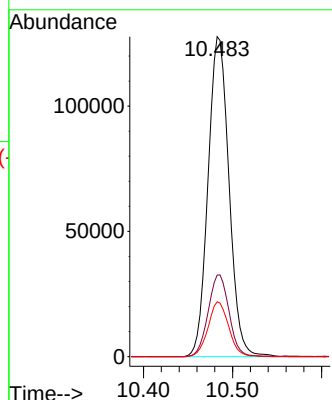
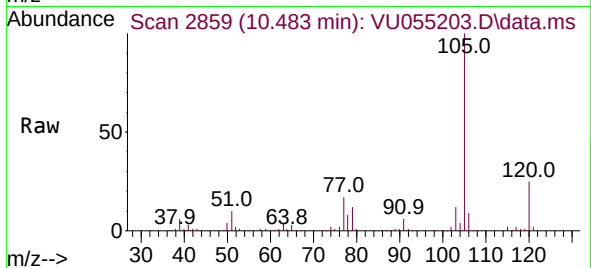
Tgt Ion:105 Resp: 208740

Ion Ratio Lower Upper

105 100

120 25.4 20.1 30.1

77 16.8 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 5.476 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. -0.003 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

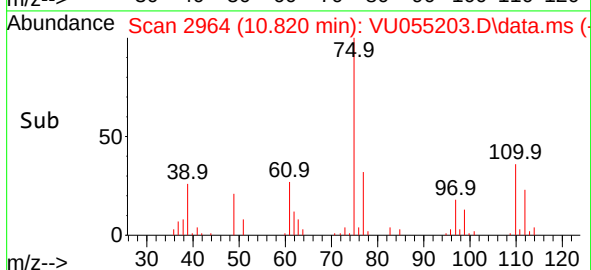
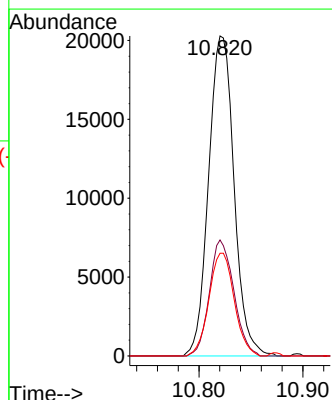
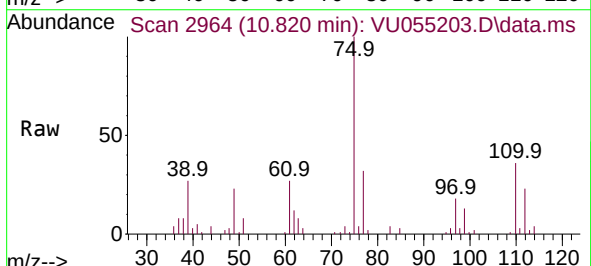
Tgt Ion: 75 Resp: 34485

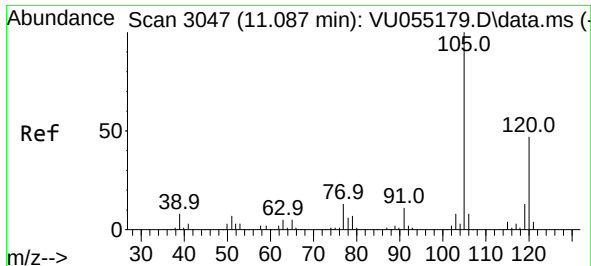
Ion Ratio Lower Upper

75 100

110 34.8 28.2 42.2

77 31.9 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 4.470 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

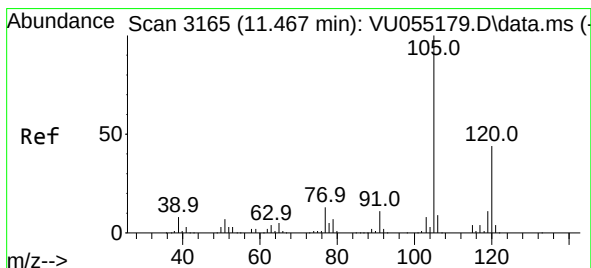
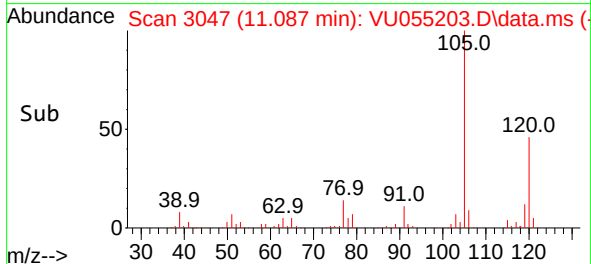
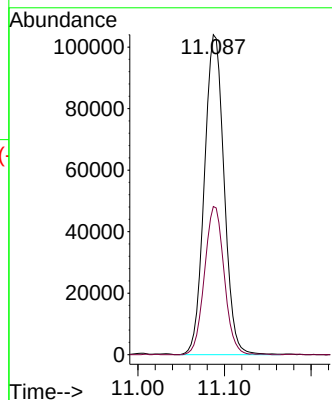
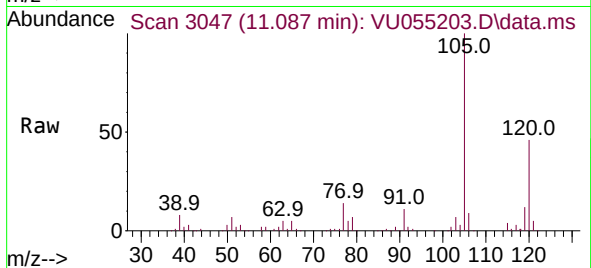
ClientSampleId :

Tgt Ion:105 Resp: 164558

Ion Ratio Lower Upper

105 100

120 46.2 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 4.147 ug/L

RT: 11.470 min Scan# 3166

Delta R.T. 0.003 min

Lab File: VU055203.D

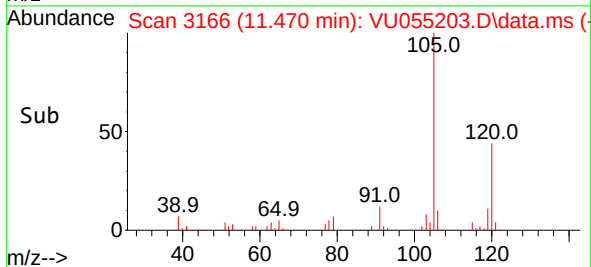
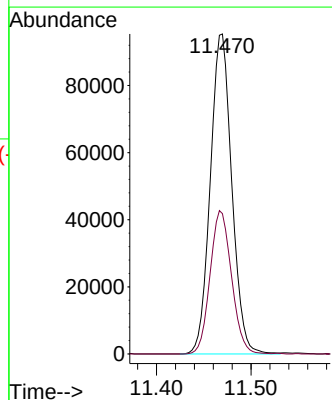
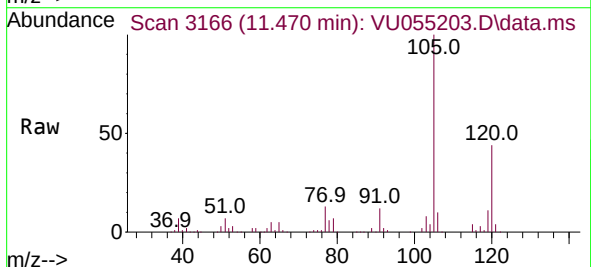
Acq: 07 Sep 2023 21:03

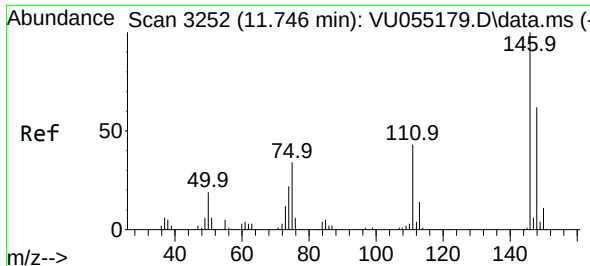
Tgt Ion:105 Resp: 150477

Ion Ratio Lower Upper

105 100

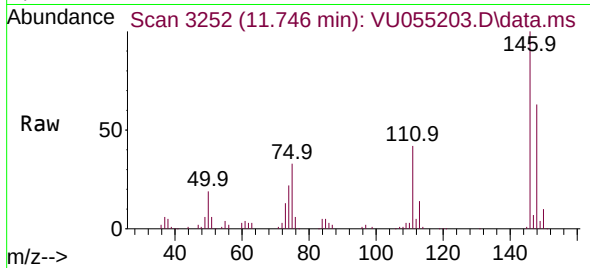
120 44.6 35.4 53.0



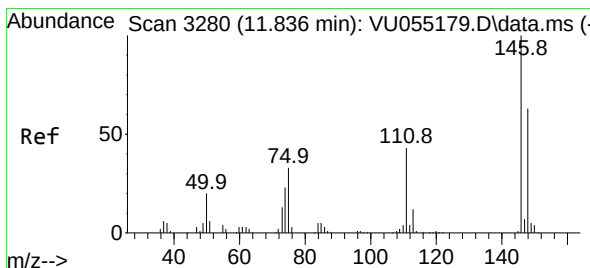
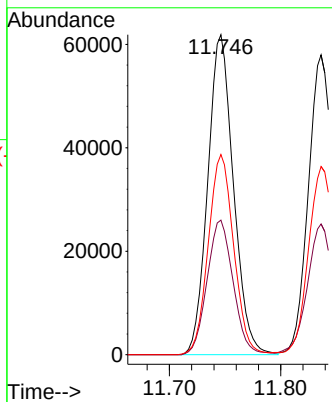
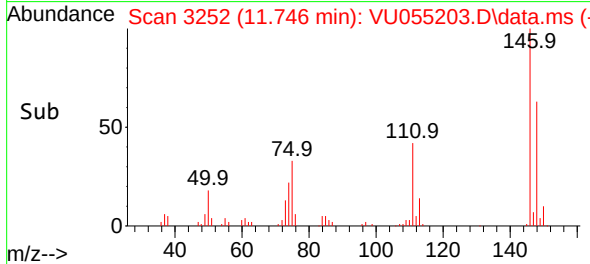


#64
1,3-Dichlorobenzene
Concen: 4.666 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. -0.000 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03

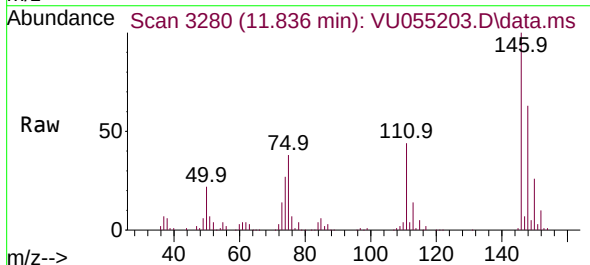
Instrument :
MSVOA_U
ClientSampleId :



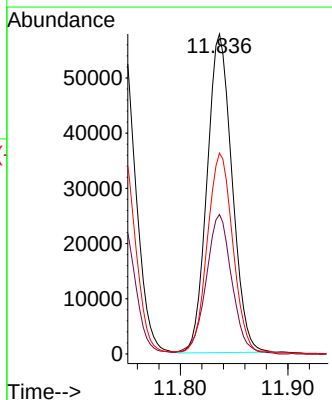
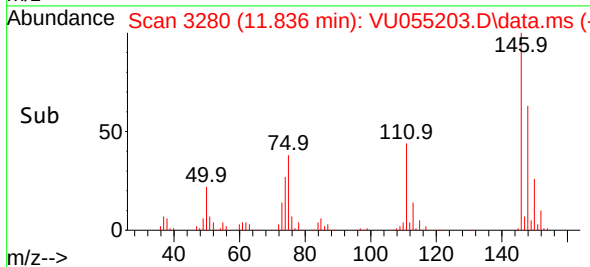
Tgt Ion:146 Resp: 99136
Ion Ratio Lower Upper
146 100
111 42.1 30.0 55.6
148 62.5 45.2 84.0

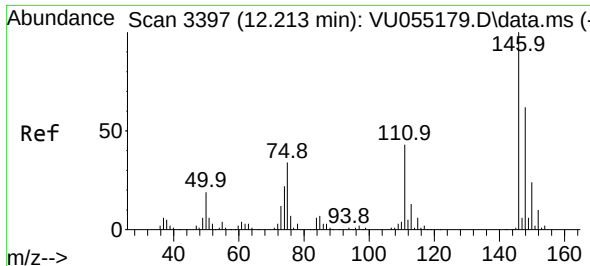


#65
1,4-Dichlorobenzene
Concen: 4.403 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VU055203.D
Acq: 07 Sep 2023 21:03



Tgt Ion:146 Resp: 93227
Ion Ratio Lower Upper
146 100
111 43.6 28.1 52.1
148 62.7 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 4.544 ug/L

RT: 12.212 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

ClientSampleId :

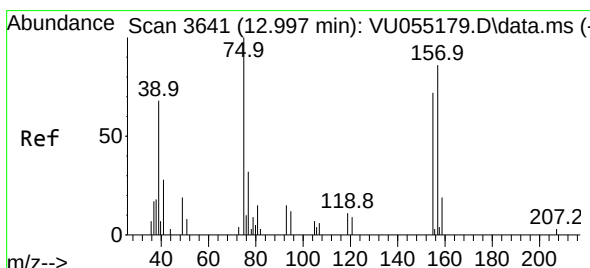
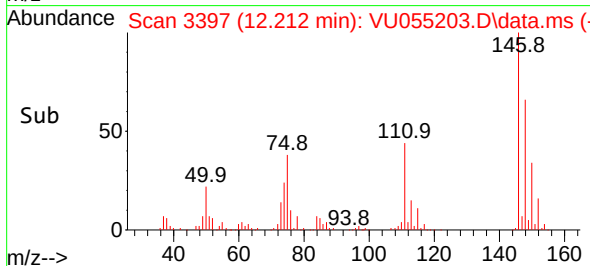
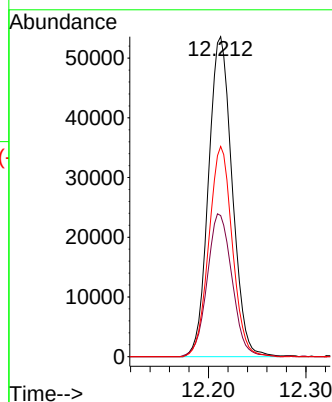
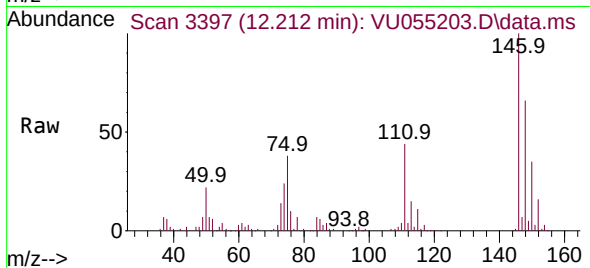
Tgt Ion:146 Resp: 90503

Ion Ratio Lower Upper

146 100

111 44.1 35.6 53.4

148 65.7 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.954 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

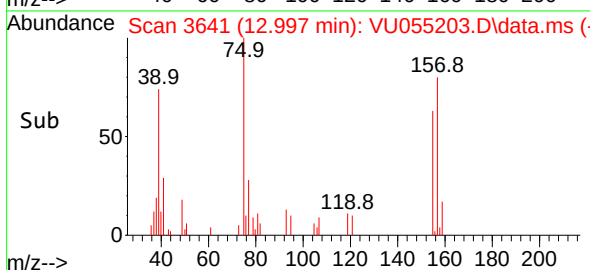
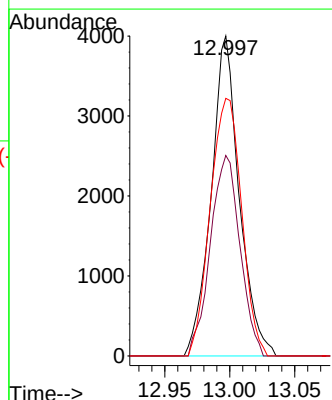
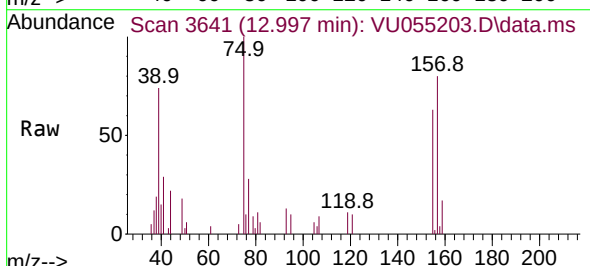
Tgt Ion: 75 Resp: 6010

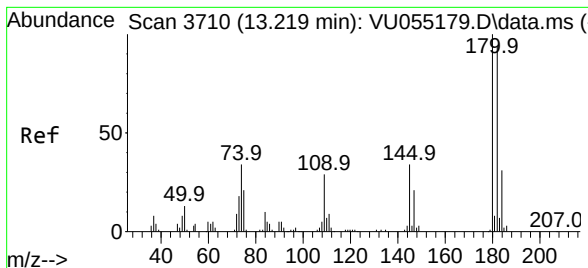
Ion Ratio Lower Upper

75 100

155 62.6 61.1 91.7

157 80.5 66.8 100.2





#69

1,3,5-Trichlorobenzene

Concen: 3.895 ug/L

RT: 13.219 min Scan# 31

Delta R.T. -0.000 min

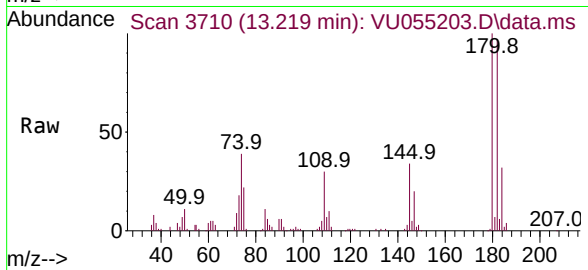
Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 62542

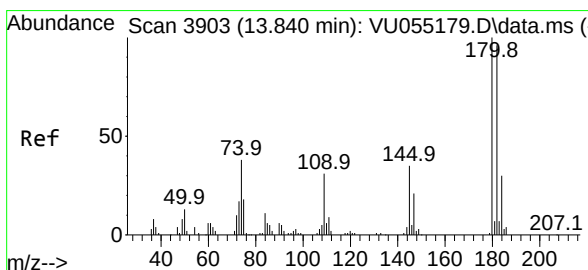
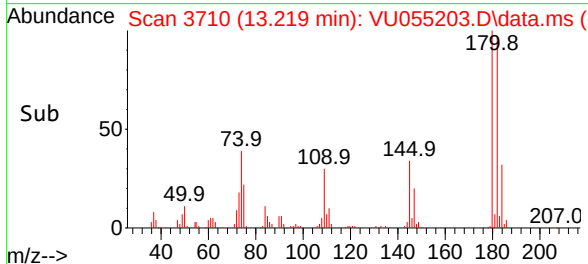
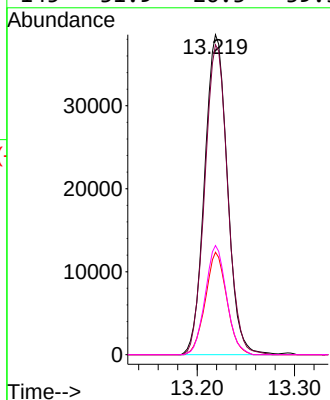
Ion Ratio Lower Upper

180 100

182 96.8 75.8 113.6

184 30.1 24.0 36.0

145 31.9 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 3.368 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. -0.000 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

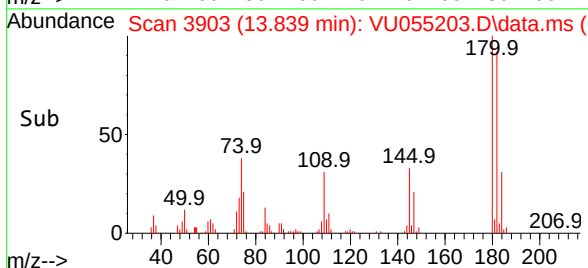
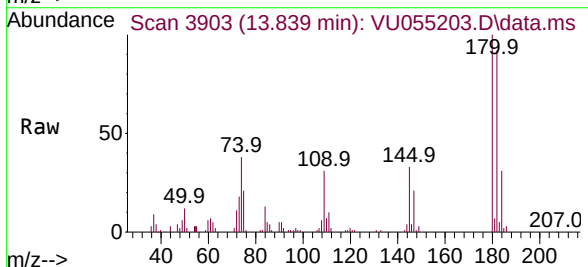
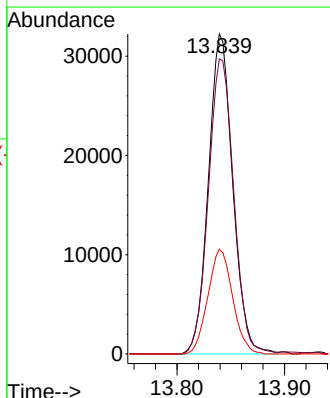
Tgt Ion:180 Resp: 50700

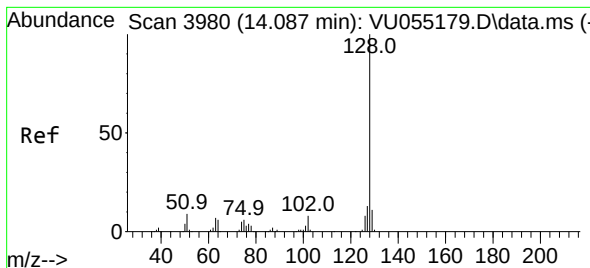
Ion Ratio Lower Upper

180 100

182 96.2 73.6 110.4

145 33.3 25.8 38.8





#71

Naphthalene

Concen: 2.798 ug/L

RT: 14.090 min Scan# 3981

Delta R.T. 0.003 min

Lab File: VU055203.D

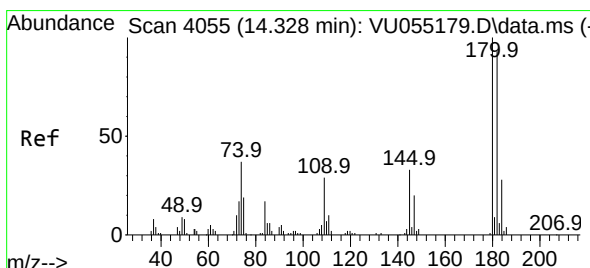
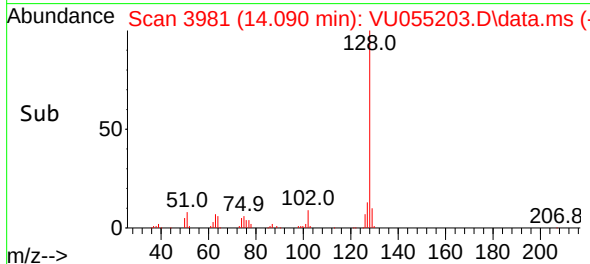
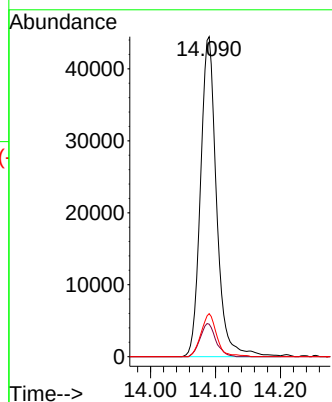
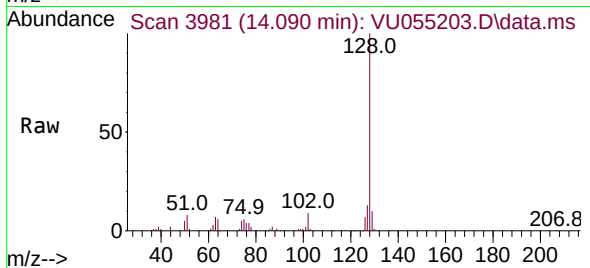
Acq: 07 Sep 2023 21:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	76559
Ion Ratio	Lower	Upper
128	100	
129	10.1	8.2 12.2
127	13.2	10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 3.436 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.003 min

Lab File: VU055203.D

Acq: 07 Sep 2023 21:03

Tgt Ion:180	Resp:	44895
Ion Ratio	Lower	Upper
180	100	
182	92.4	75.6 113.4
145	35.4	27.0 40.6

