

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055107.D
 Acq On : 05 Sep 2023 20:28
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:21:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	179431	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	183935	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	104308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39106	4.650	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.907	69	46505	4.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.560	65	22580	4.712	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.627	46	143866	58.952	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.900%
24) Chloroform-d	5.061	84	115967	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.701	65	59918	5.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.724	84	226144	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.688	67	72978	5.054	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.897	98	207821	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.180	79	20520	5.160	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.630	63	93561	57.950	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.900%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	56486	5.562	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	75481	4.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	51151	4.906	ug/L	97
3) Chloromethane	1.515	50	54141	5.101	ug/L	100
5) Vinyl chloride	1.599	62	59052	5.273	ug/L	98
6) Bromomethane	1.849	94	29824	4.416	ug/L	94
8) Chloroethane	1.927	64	36268	4.974	ug/L	99
9) Trichlorofluoromethane	2.132	101	83125	5.105	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	46355	4.893	ug/L	99
12) 1,1-Dichloroethene	2.573	96	41441	4.996	ug/L	91
13) Acetone	2.631	43	83719	51.185	ug/L	97
14) Carbon disulfide	2.785	76	104893	5.163	ug/L	98
15) Methyl Acetate	2.952	43	21019	6.278	ug/L	97
16) Methylene chloride	3.039	84	55397	4.370	ug/L	99
17) Methyl tert-butyl Ether	3.364	73	121852	5.601	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	43385	5.155	ug/L	90
19) 1,1-Dichloroethane	3.865	63	95775	5.266	ug/L	98
21) 2-Butanone	4.705	43	137468	57.204	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	52205	5.067	ug/L	97
23) Bromochloromethane	4.971	128	22812	5.384	ug/L	98
25) Chloroform	5.087	83	99889	5.273	ug/L	95

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:21:07 2023
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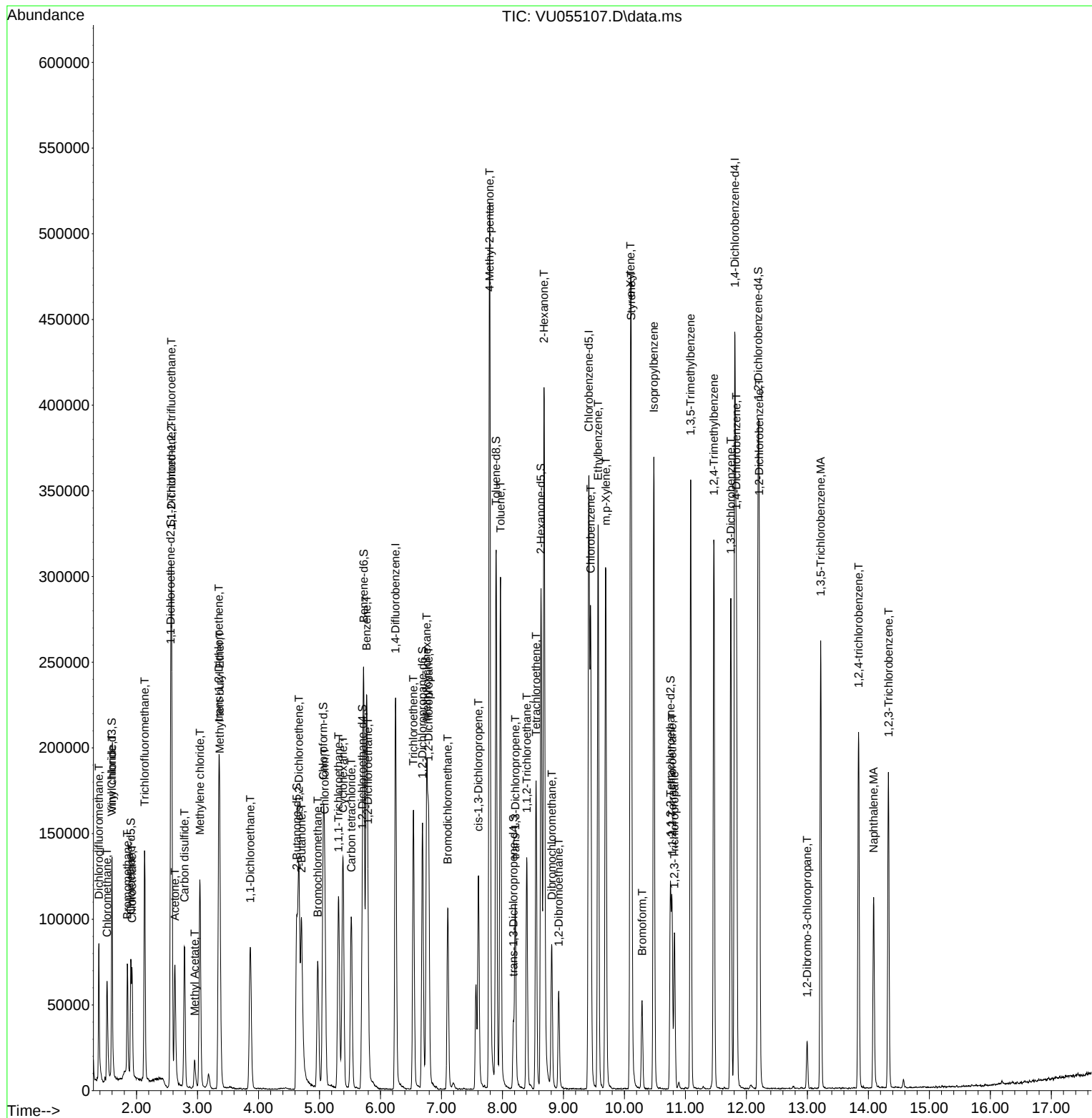
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	61890	5.353	ug/L #	95
29) 1,1,1-Trichloroethane	5.312	97	80421	5.055	ug/L	98
30) Cyclohexane	5.386	56	66802	4.722	ug/L	99
31) Carbon tetrachloride	5.521	117	68295	5.162	ug/L	98
33) Benzene	5.772	78	199284	5.091	ug/L	100
34) Trichloroethene	6.541	95	54620	5.020	ug/L	97
35) Methylcyclohexane	6.759	83	68783	4.506	ug/L	95
37) 1,2-Dichloropropane	6.788	63	57178	5.365	ug/L	99
38) Bromodichloromethane	7.103	83	68492	5.383	ug/L #	99
39) cis-1,3-Dichloropropene	7.608	75	72961	5.033	ug/L	93
40) 4-Methyl-2-pentanone	7.791	43	341690	56.204	ug/L	99
42) Toluene	7.968	91	211553	5.069	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	61023	5.363	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	40487	5.640	ug/L	96
47) Tetrachloroethene	8.553	164	36832	4.898	ug/L	97
48) 2-Hexanone	8.682	43	259549	54.505	ug/L	99
49) Dibromochloromethane	8.807	129	42186	5.383	ug/L	95
50) 1,2-Dibromoethane	8.923	107	37036	5.666	ug/L #	87
51) Chlorobenzene	9.447	112	138981	5.028	ug/L	98
52) Ethylbenzene	9.569	91	233104	4.993	ug/L	99
53) m,p-Xylene	9.695	106	85290	4.937	ug/L	96
54) o-Xylene	10.100	106	82936	4.878	ug/L	97
55) Styrene	10.113	104	144659	5.152	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.782	83	51118	5.717	ug/L	95
59) Bromoform	10.290	173	22640	5.432	ug/L	95
60) Isopropylbenzene	10.483	105	232988	4.790	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	37228	5.378	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	192128	4.748	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	178692	4.481	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	111304	4.767	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	109124	4.689	ug/L	97
67) 1,2-Dichlorobenzene	12.212	146	103328	4.720	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	6807	5.105	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.219	180	74234	4.207	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	58186	3.517	ug/L	97
71) Naphthalene	14.087	128	87896	2.923	ug/L	97
72) 1,2,3-Trichlorobenzene	14.331	180	51412	3.580	ug/L	98

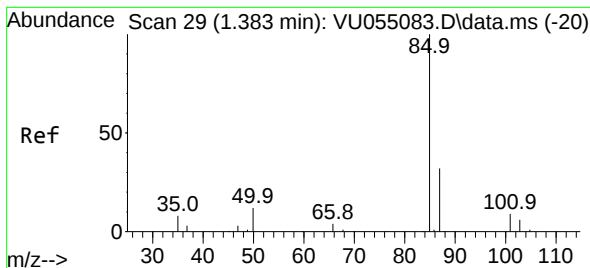
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

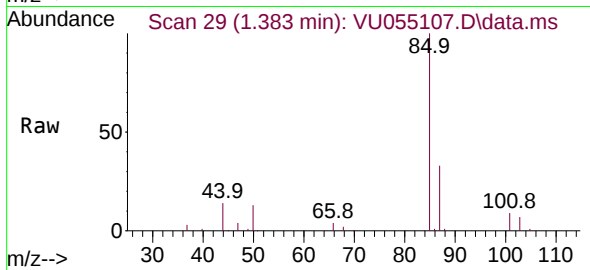
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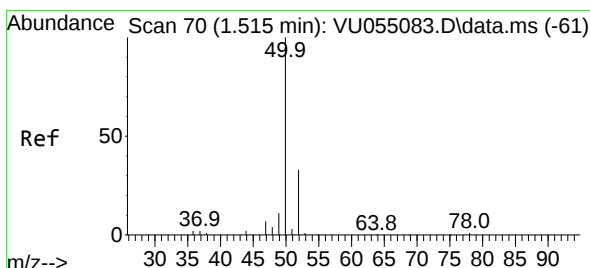
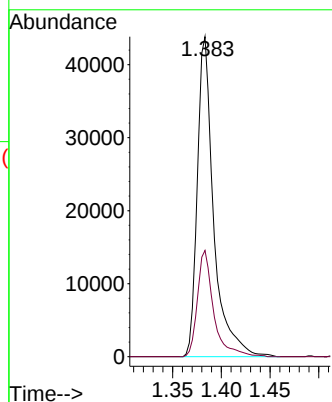
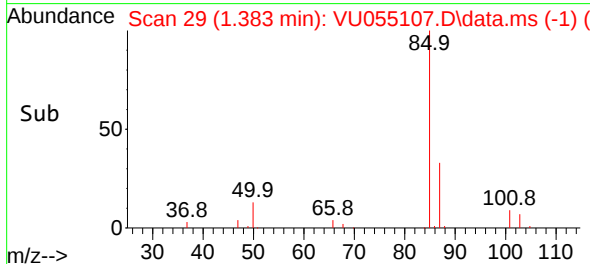


#2
 Dichlorodifluoromethane
 Concen: 4.906 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055107.D
 Acq: 05 Sep 2023 20:28

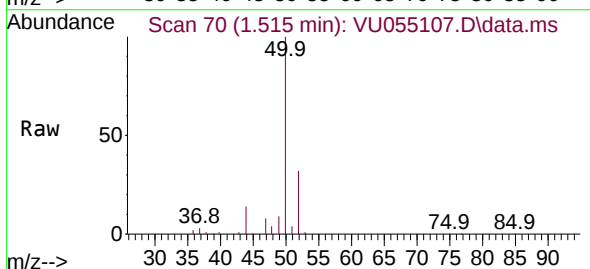
Instrument :
 MSVOA_U
 ClientSampleId :



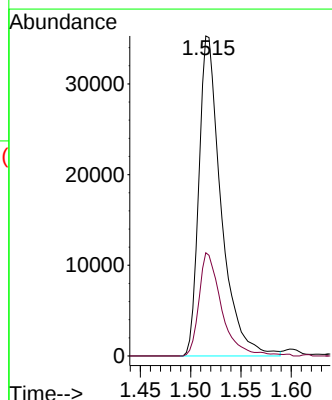
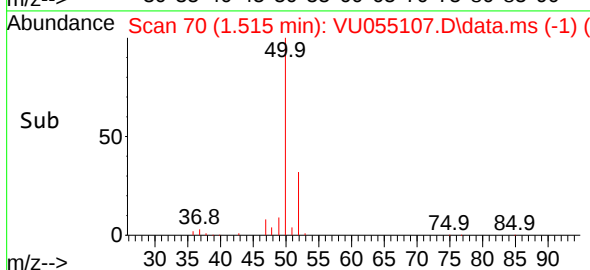
Tgt Ion: 85 Resp: 51151
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.1 37.7

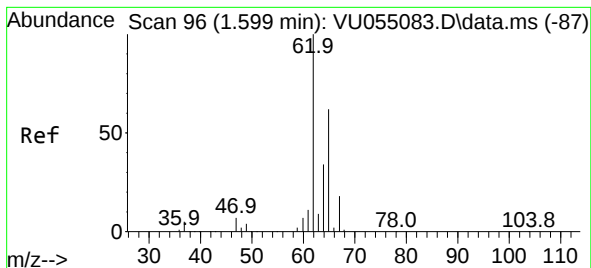


#3
 Chloromethane
 Concen: 5.101 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU055107.D
 Acq: 05 Sep 2023 20:28



Tgt Ion: 50 Resp: 54141
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.5 41.7





#5

Vinyl chloride

Concen: 5.273 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

Instrument :

MSVOA_U

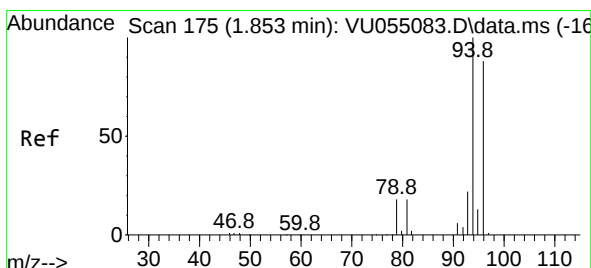
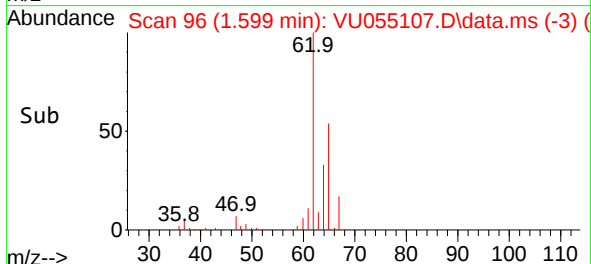
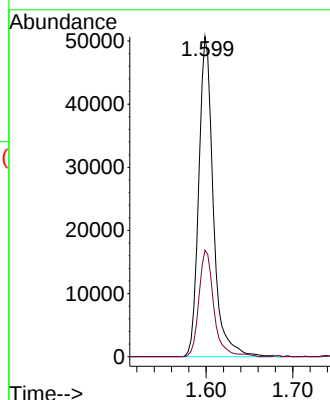
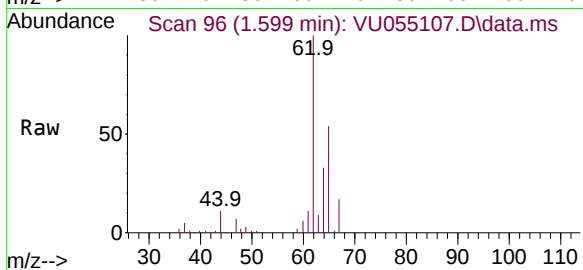
ClientSampleId :

Tgt Ion: 62 Resp: 59052

Ion Ratio Lower Upper

62 100

64 33.2 24.2 45.0



#6

Bromomethane

Concen: 4.416 ug/L

RT: 1.849 min Scan# 174

Delta R.T. -0.003 min

Lab File: VU055107.D

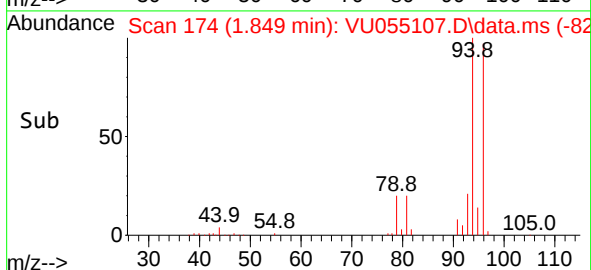
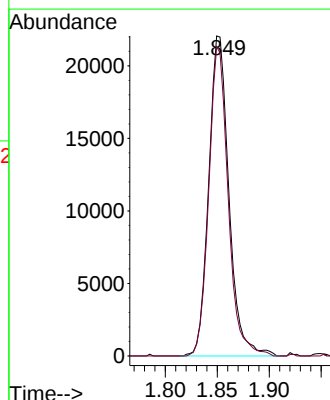
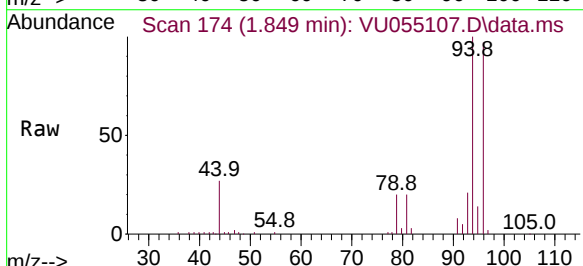
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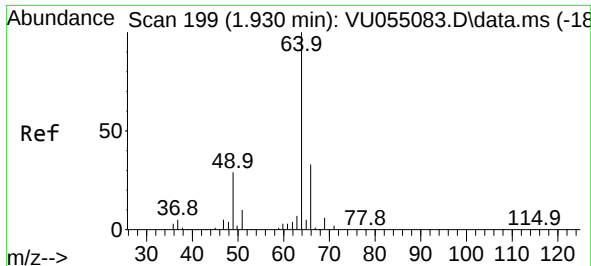
Tgt Ion: 94 Resp: 29824

Ion Ratio Lower Upper

94 100

96 96.7 63.8 118.4

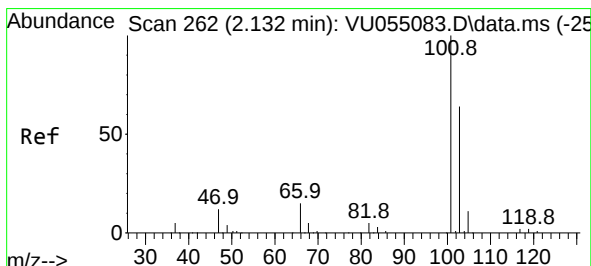
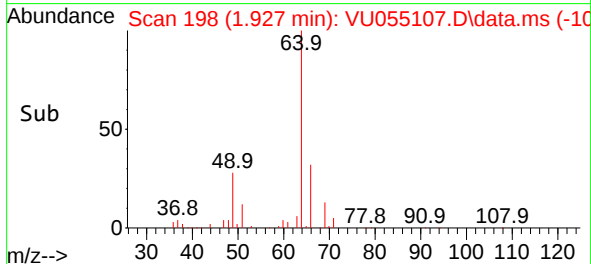
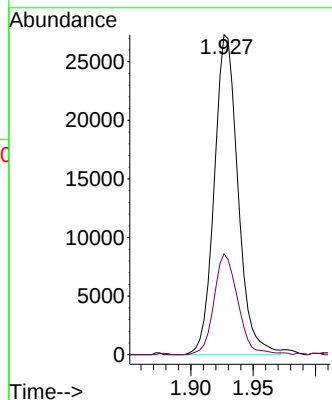
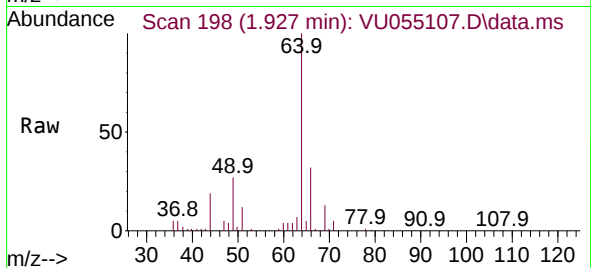




#8
Chloroethane
Concen: 4.974 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

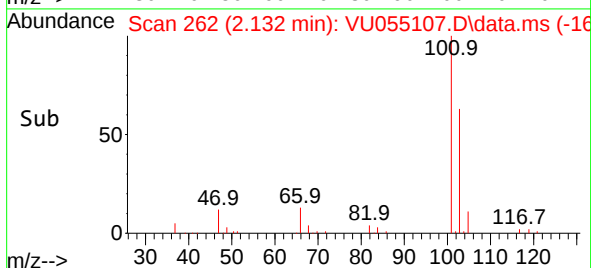
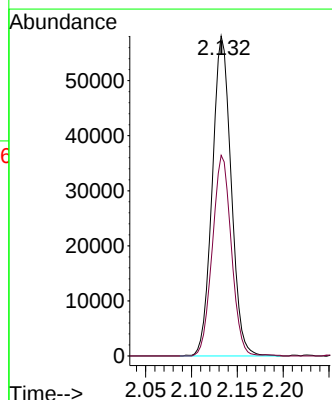
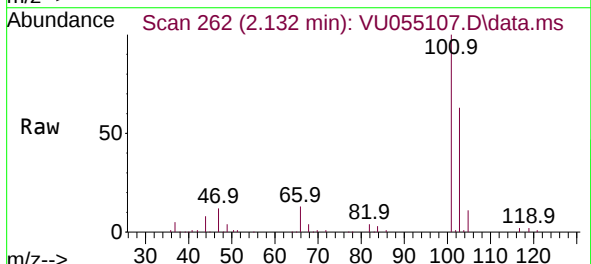
Instrument :
MSVOA_U
ClientSampleId :

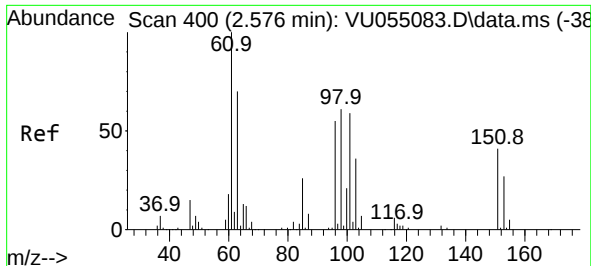
Tgt Ion: 64 Resp: 36268
Ion Ratio Lower Upper
64 100
66 31.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.105 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Tgt Ion:101 Resp: 83125
Ion Ratio Lower Upper
101 100
103 62.7 51.9 77.9

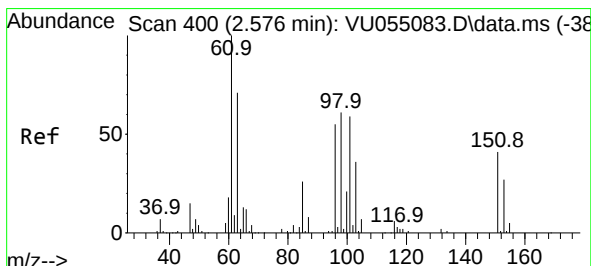
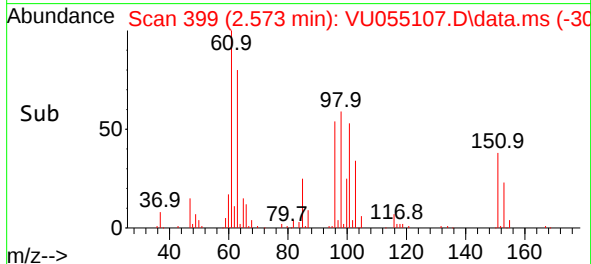
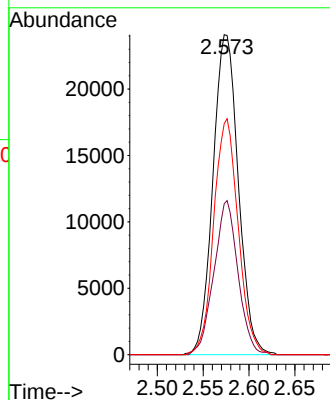
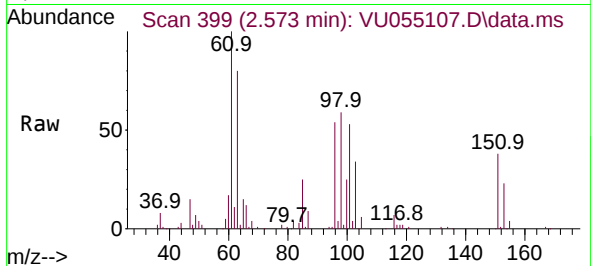




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.893 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

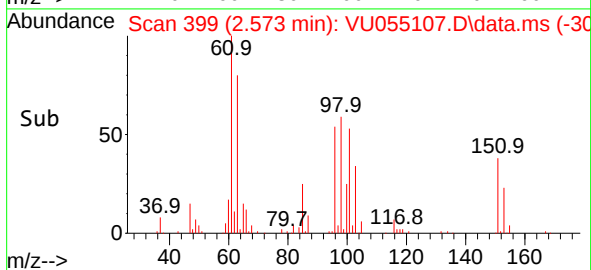
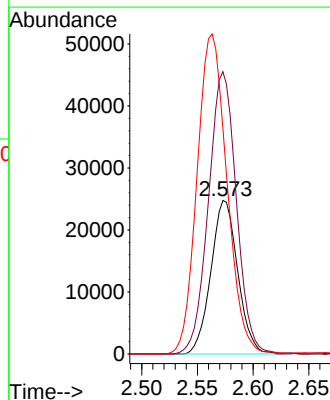
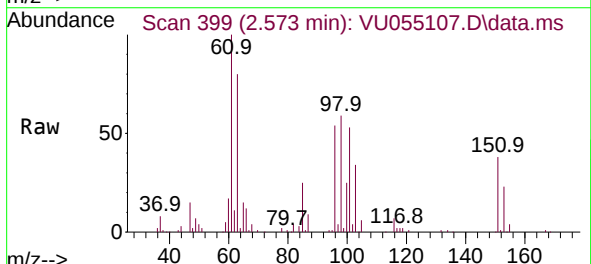
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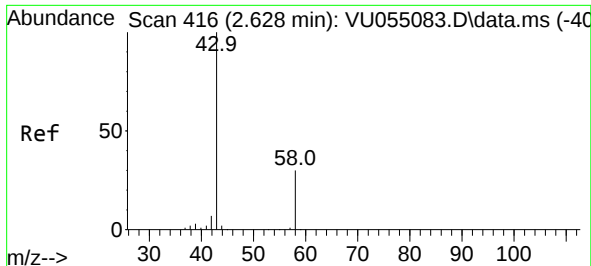
Tgt Ion:101 Resp: 46355
Ion Ratio Lower Upper
101 100
85 45.7 37.3 55.9
151 71.1 57.6 86.4



#12
1,1-Dichloroethene
Concen: 4.996 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Tgt Ion: 96 Resp: 41441
Ion Ratio Lower Upper
96 100
61 183.9 120.8 224.4
63 146.8 94.5 175.5





#13

Acetone

Concen: 51.185 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

Instrument :

MSVOA_U

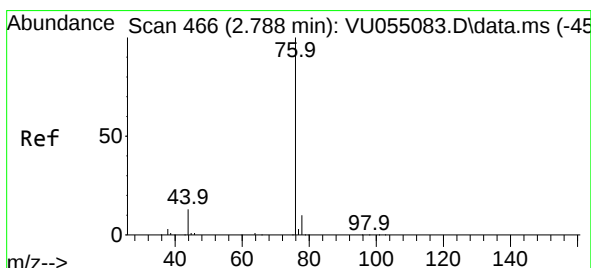
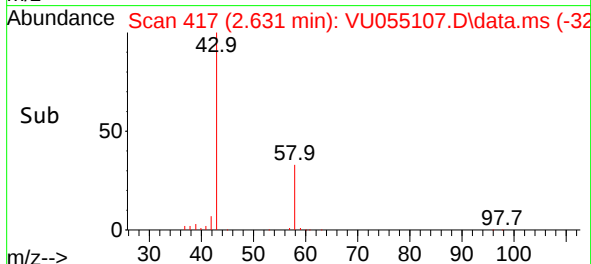
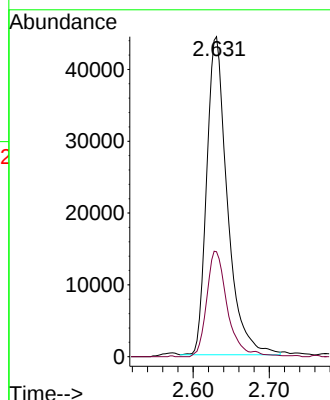
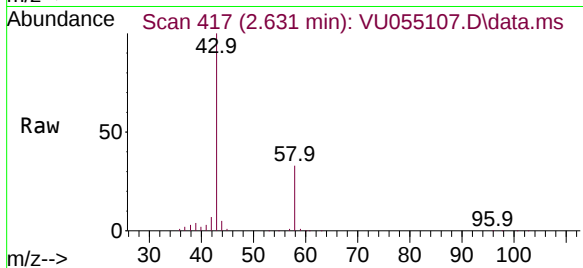
ClientSampleId :

Tgt Ion: 43 Resp: 83719

Ion Ratio Lower Upper

43 100

58 32.2 0.0 67.8



#14

Carbon disulfide

Concen: 5.163 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU055107.D

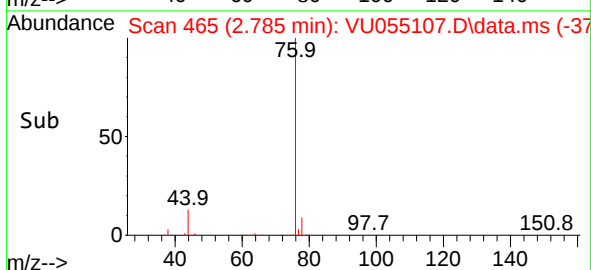
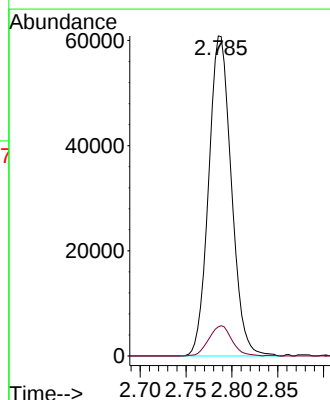
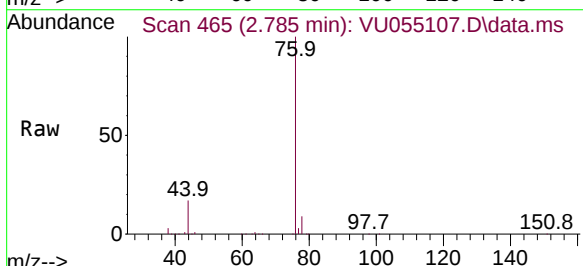
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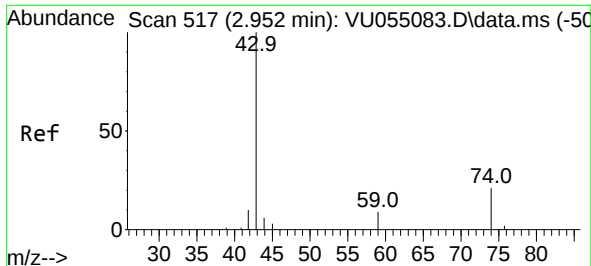
Tgt Ion: 76 Resp: 104893

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2

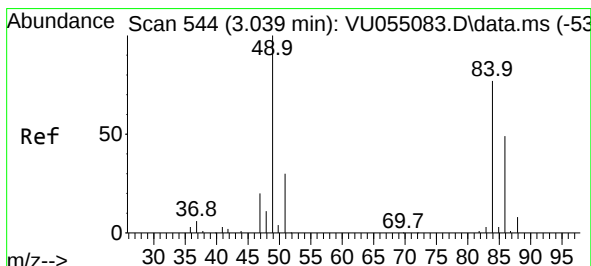
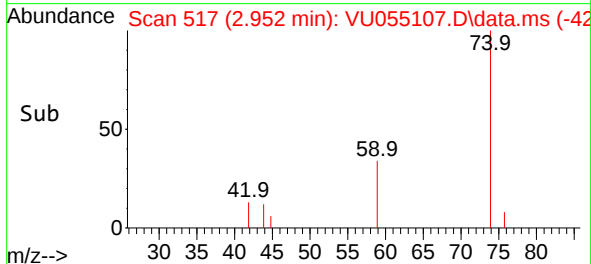
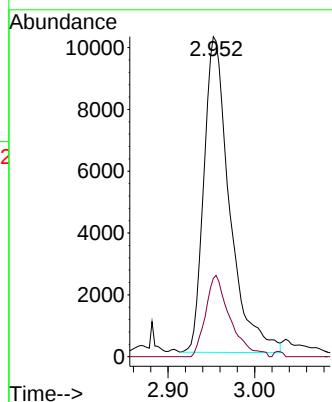
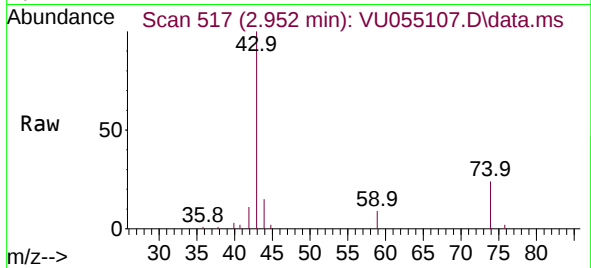




#15
Methyl Acetate
Concen: 6.278 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

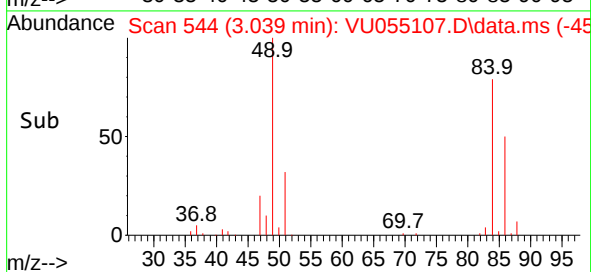
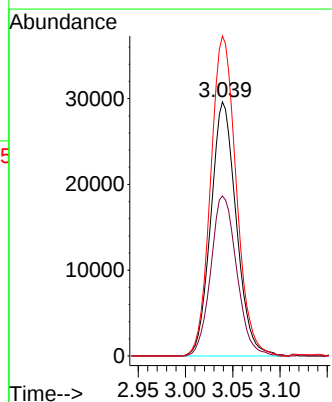
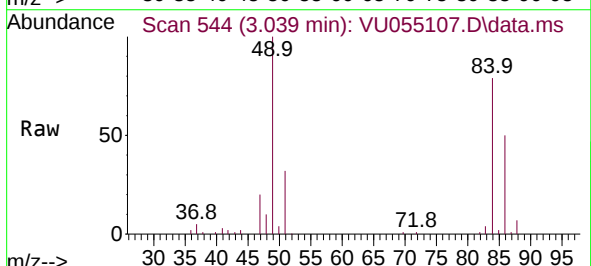
Instrument :
MSVOA_U
ClientSampleId :

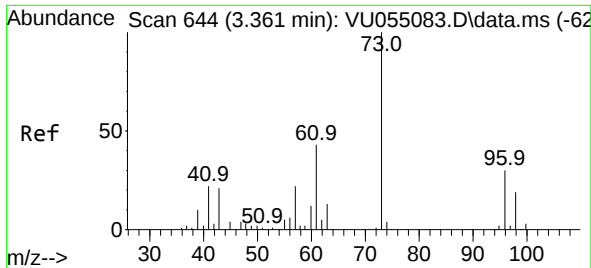
Tgt Ion: 43 Resp: 21019
Ion Ratio Lower Upper
43 100
74 24.5 18.4 27.6



#16
Methylene chloride
Concen: 4.370 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Tgt Ion: 84 Resp: 55397
Ion Ratio Lower Upper
84 100
86 63.0 43.4 80.6
49 126.0 87.7 162.9

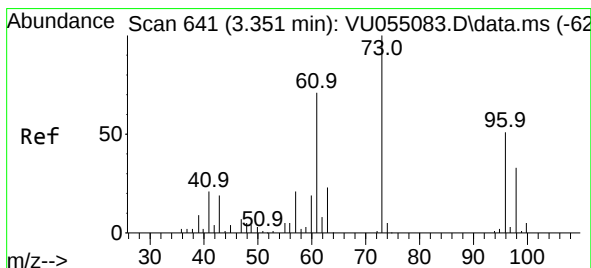
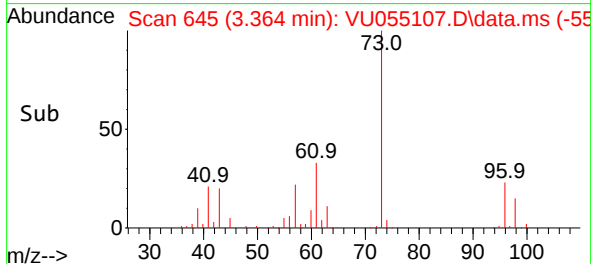
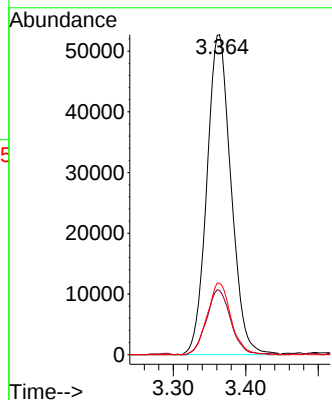
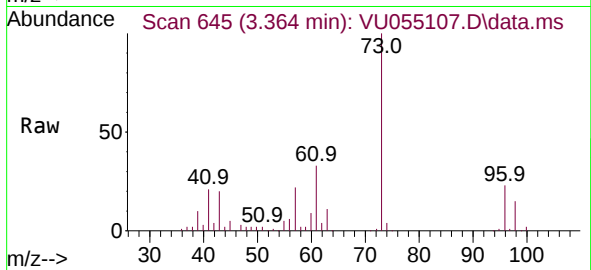




#17
Methyl tert-butyl Ether
Concen: 5.601 ug/L
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

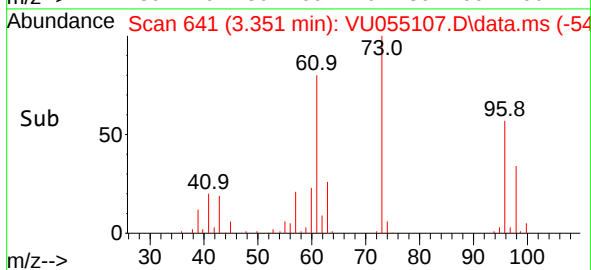
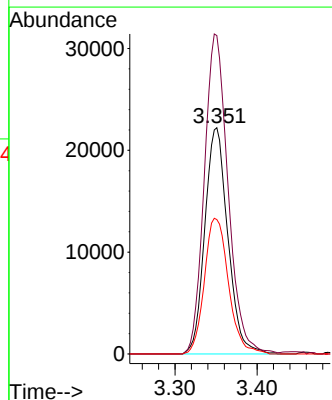
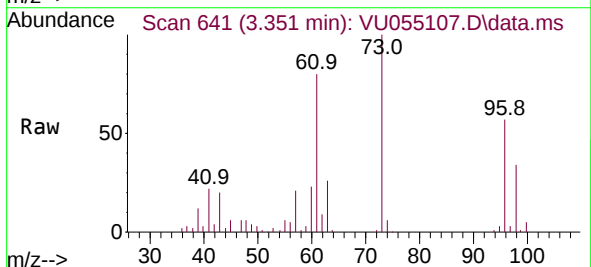
Instrument :
MSVOA_U
ClientSampleId :

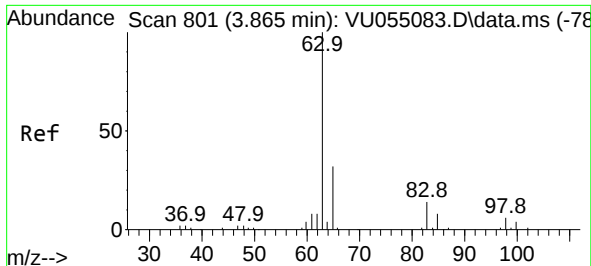
Tgt Ion: 73 Resp: 121852
Ion Ratio Lower Upper
73 100
43 20.4 16.2 24.2
57 22.2 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.155 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Tgt Ion: 96 Resp: 43385
Ion Ratio Lower Upper
96 100
61 140.7 108.1 200.9
98 59.4 45.4 84.4





#19

1,1-Dichloroethane

Concen: 5.266 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055107.D

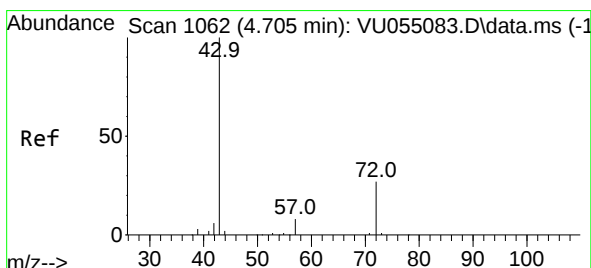
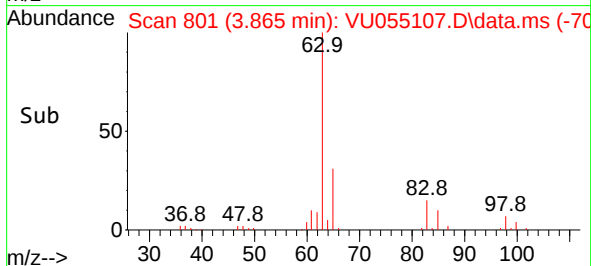
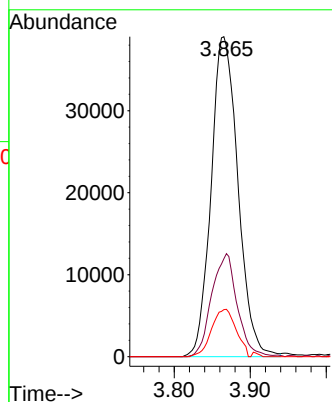
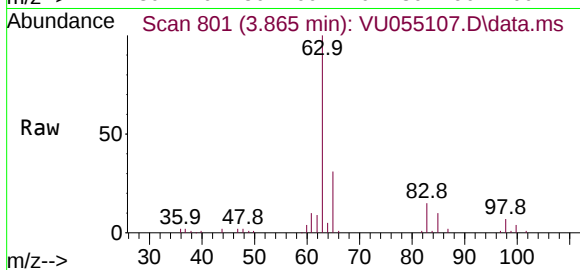
Acq: 05 Sep 2023 20:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 95775
Ion Ratio	Lower Upper
63 100	
65 30.6	22.2 41.2
83 14.7	10.6 19.8



#21

2-Butanone

Concen: 57.204 ug/L

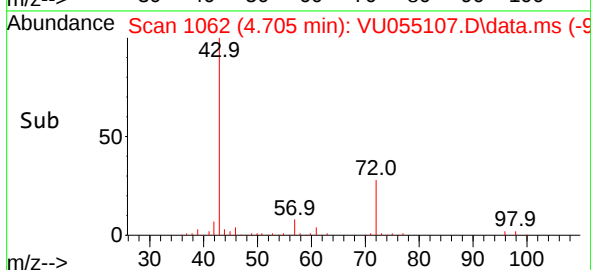
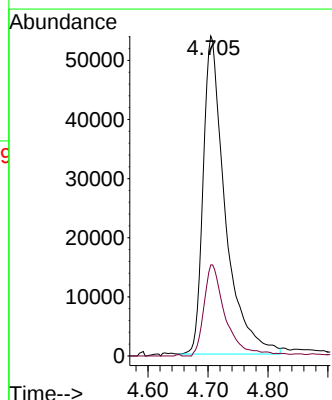
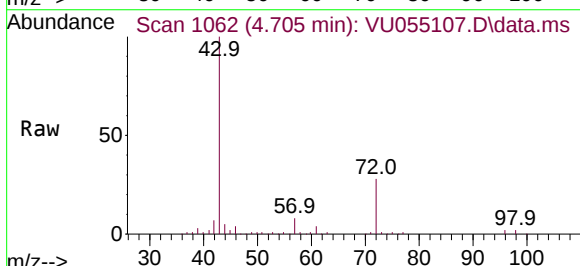
RT: 4.705 min Scan# 1062

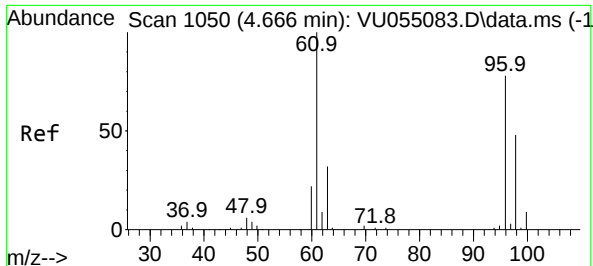
Delta R.T. -0.000 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

Tgt Ion: 43	Resp: 137468
Ion Ratio	Lower Upper
43 100	
72 27.3	13.5 40.5

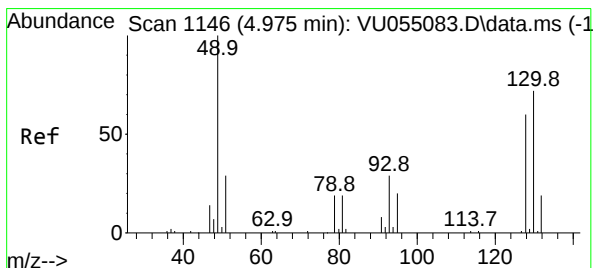
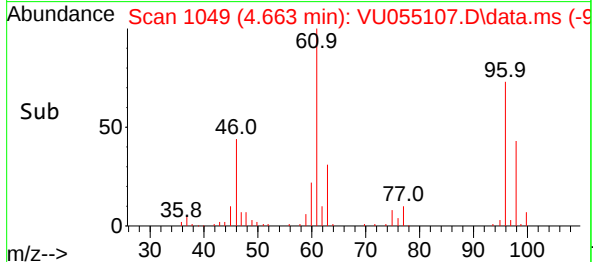
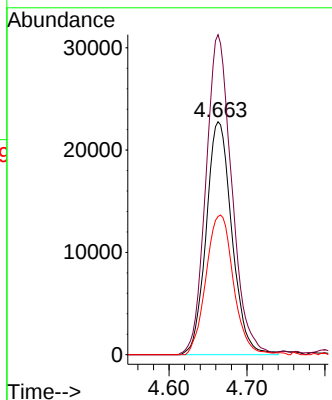
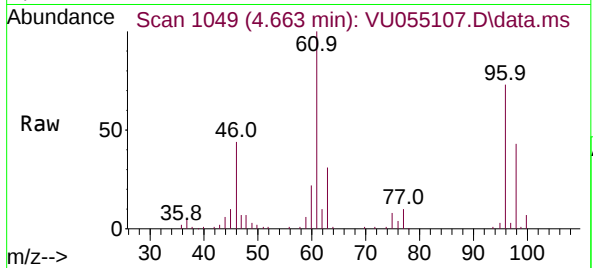




#22
 cis-1,2-Dichloroethene
 Concen: 5.067 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU055107.D
 Acq: 05 Sep 2023 20:28

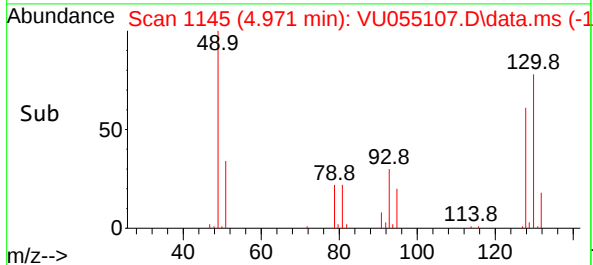
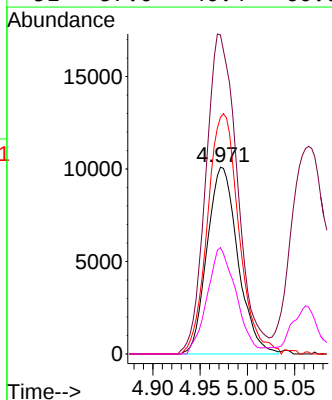
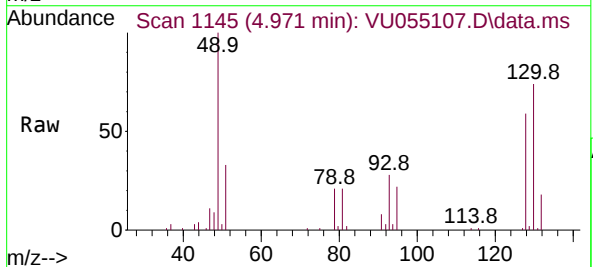
Instrument :
 MSVOA_U
 ClientSampleId :

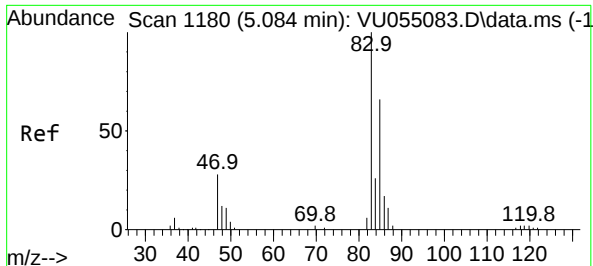
Tgt Ion: 96 Resp: 52205
 Ion Ratio Lower Upper
 96 100
 61 137.3 97.2 180.4
 98 59.3 46.1 85.7



#23
 Bromochloromethane
 Concen: 5.384 ug/L
 RT: 4.971 min Scan# 1145
 Delta R.T. -0.003 min
 Lab File: VU055107.D
 Acq: 05 Sep 2023 20:28

Tgt Ion: 128 Resp: 22812
 Ion Ratio Lower Upper
 128 100
 49 170.9 118.9 220.9
 130 126.6 88.0 163.4
 51 57.0 40.4 60.6





#25

Chloroform

Concen: 5.273 ug/L

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

Instrument :

MSVOA_U

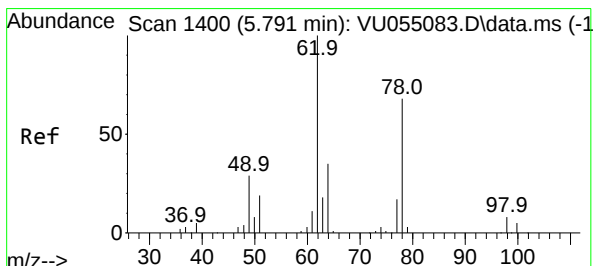
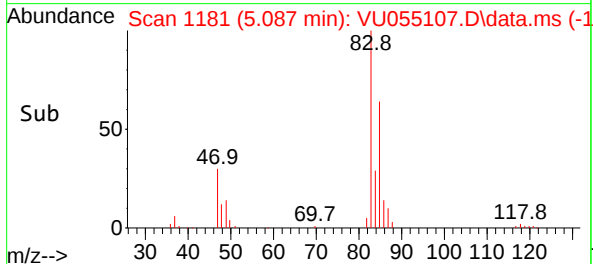
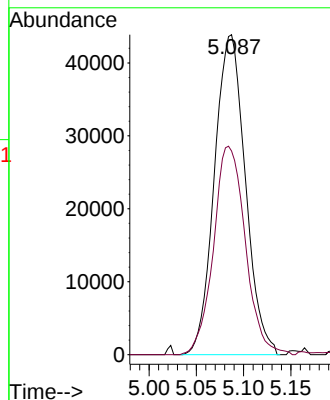
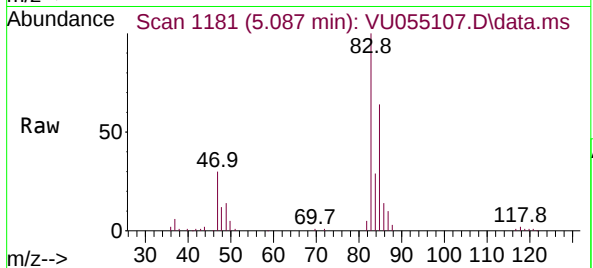
ClientSampleId :

Tgt Ion: 83 Resp: 99889

Ion Ratio Lower Upper

83 100

85 63.7 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.353 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.003 min

Lab File: VU055107.D

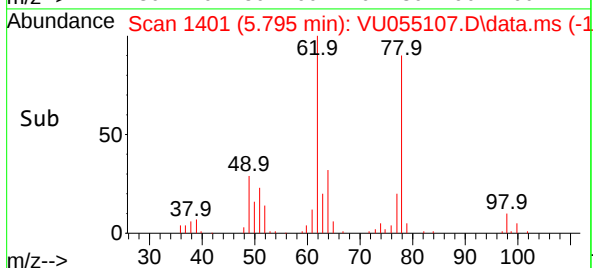
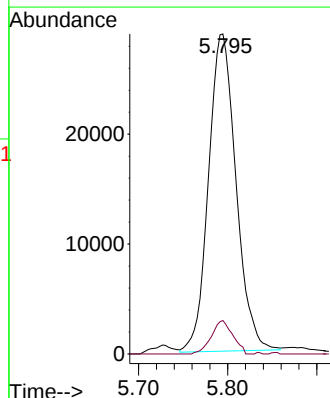
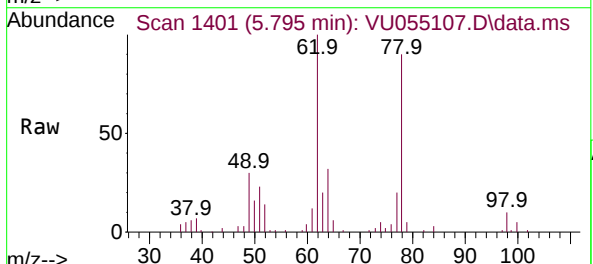
Acq: 05 Sep 2023 20:28

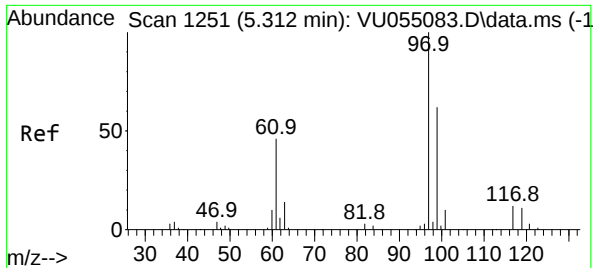
Tgt Ion: 62 Resp: 61890

Ion Ratio Lower Upper

62 100

98 10.5 6.9 10.3#

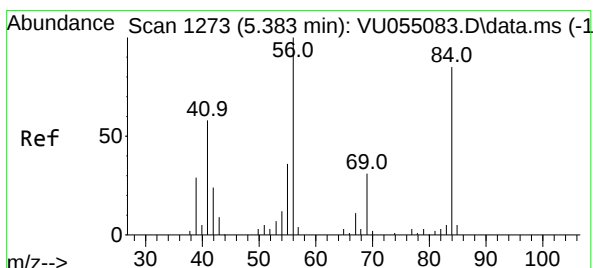
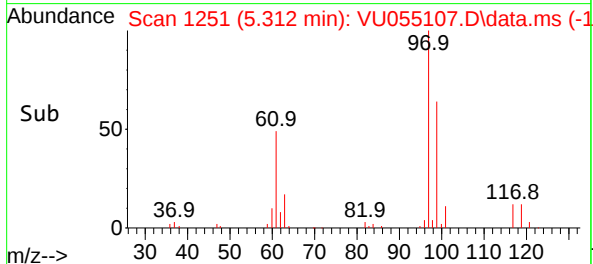
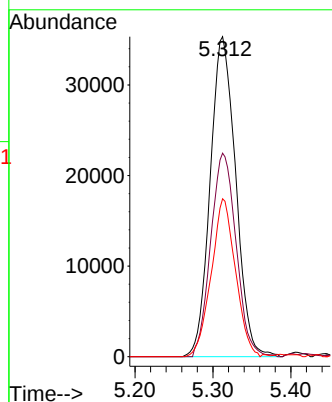
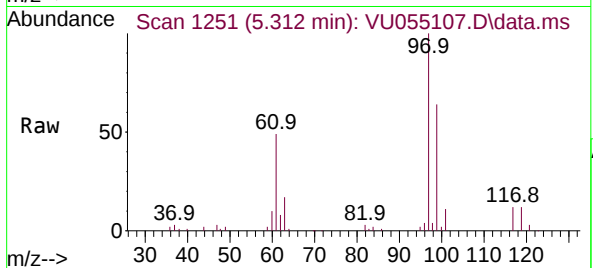




#29
1,1,1-Trichloroethane
Concen: 5.055 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

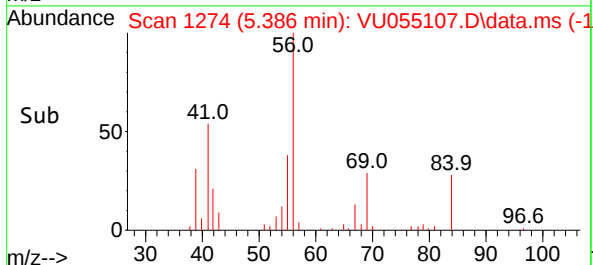
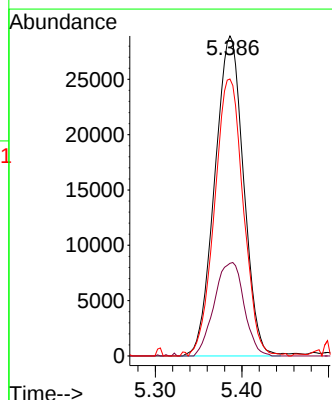
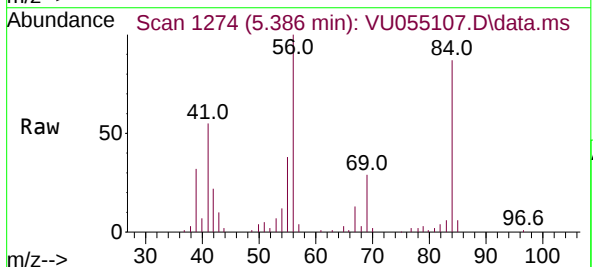
Instrument :
MSVOA_U
ClientSampleId :

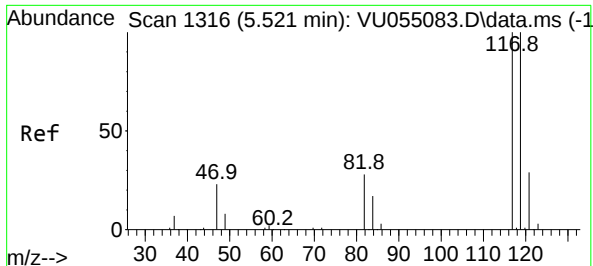
Tgt Ion:	97	Resp:	80421
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.8	77.8
61	46.7	36.8	55.2



#30
Cyclohexane
Concen: 4.722 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Tgt Ion:	56	Resp:	66802
Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.6	37.0
84	86.4	68.8	103.2

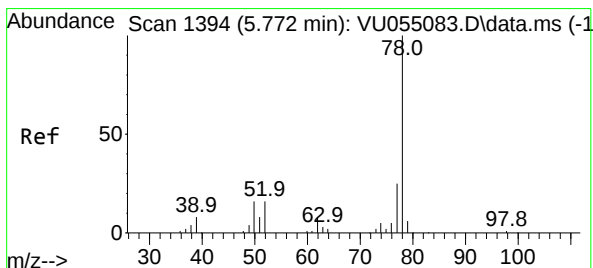
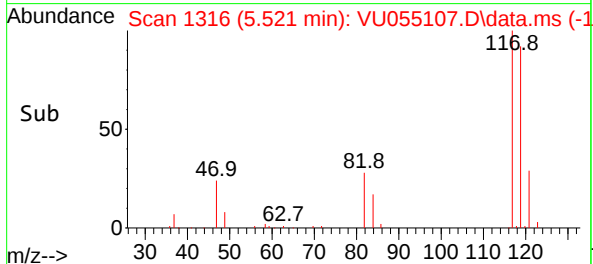
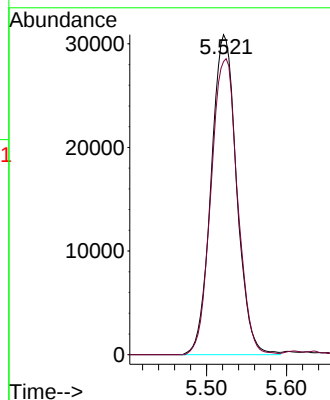
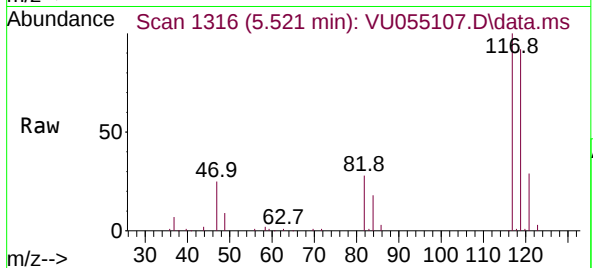




#31
Carbon tetrachloride
Concen: 5.162 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

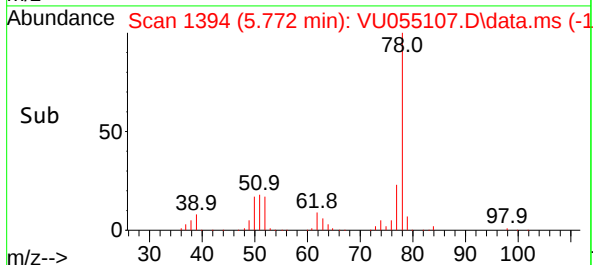
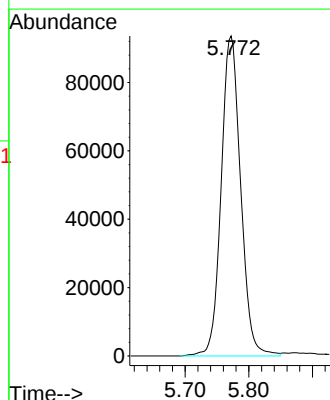
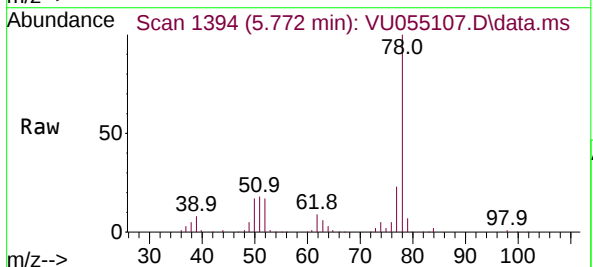
Instrument :
MSVOA_U
ClientSampleId :

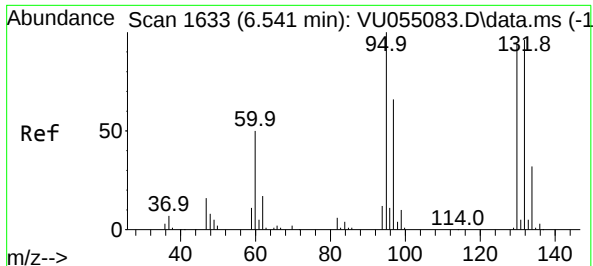
Tgt Ion:117 Resp: 68295
Ion Ratio Lower Upper
117 100
119 95.9 75.4 113.0



#33
Benzene
Concen: 5.091 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Tgt Ion: 78 Resp: 199284

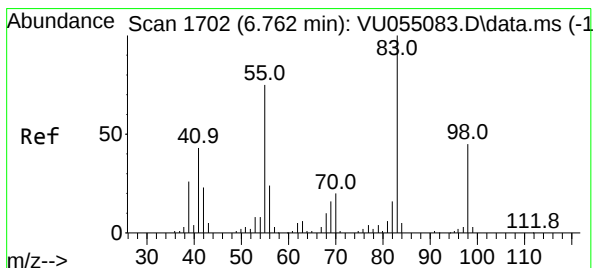
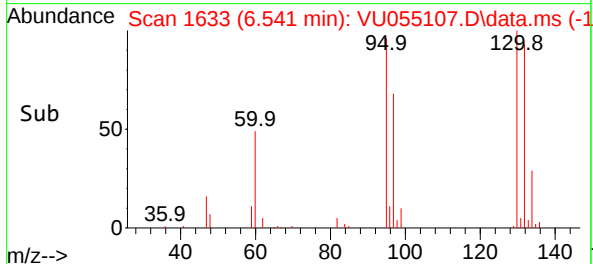
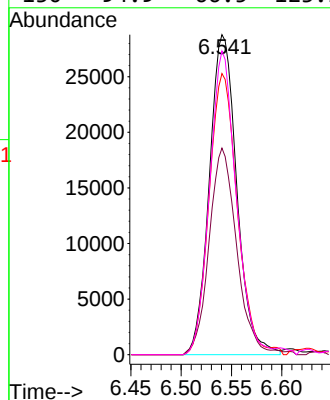
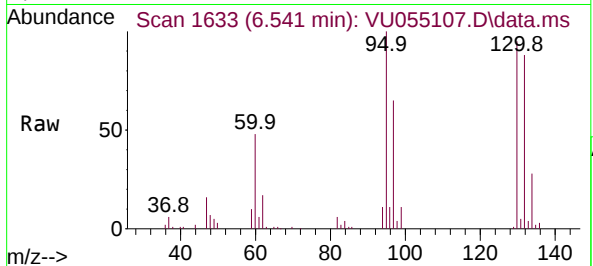




#34
Trichloroethene
Concen: 5.020 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

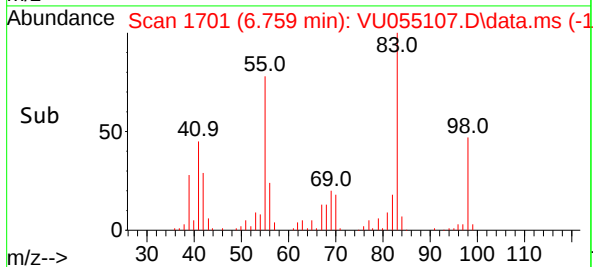
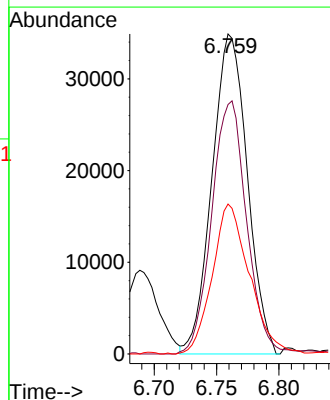
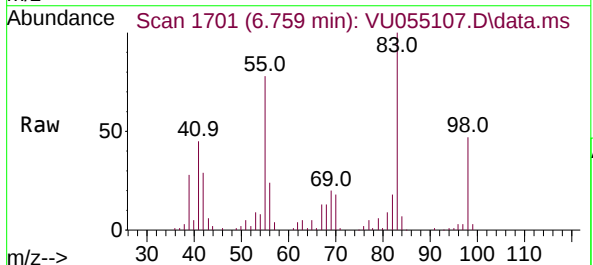
Instrument :
MSVOA_U
ClientSampleId :

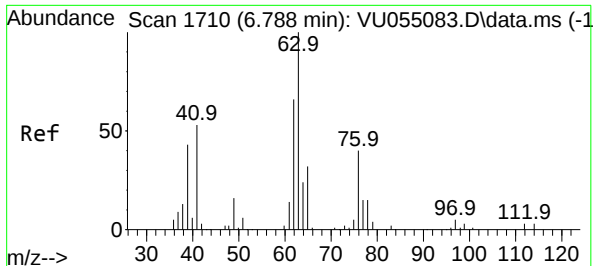
Tgt Ion: 95 Resp: 54620
Ion Ratio Lower Upper
95 100
97 64.6 44.7 83.1
132 87.9 66.6 123.6
130 94.9 66.5 123.5



#35
Methylcyclohexane
Concen: 4.506 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Tgt Ion: 83 Resp: 68783
Ion Ratio Lower Upper
83 100
55 78.3 60.4 90.6
98 49.3 35.3 52.9

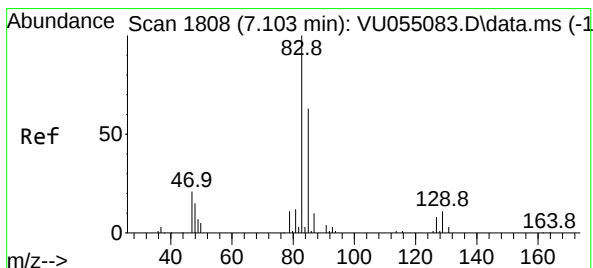
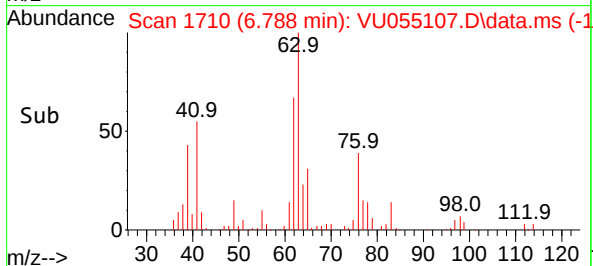
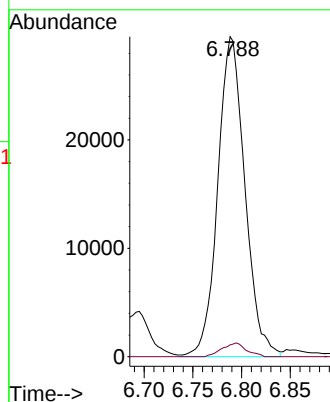
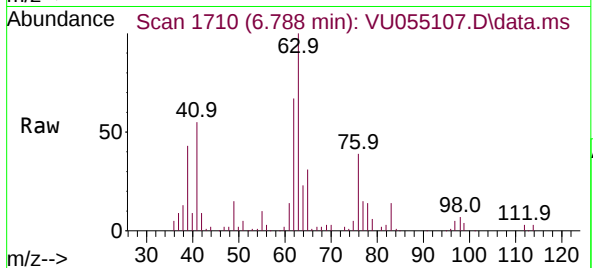




#37
1,2-Dichloropropane
Concen: 5.365 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

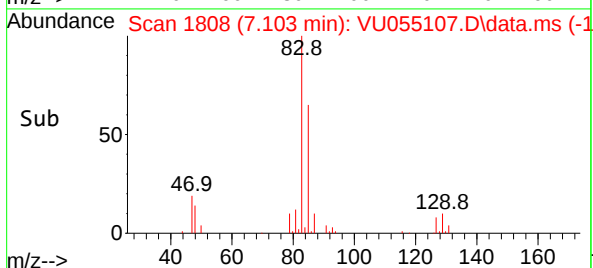
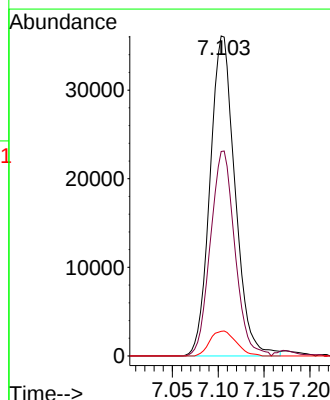
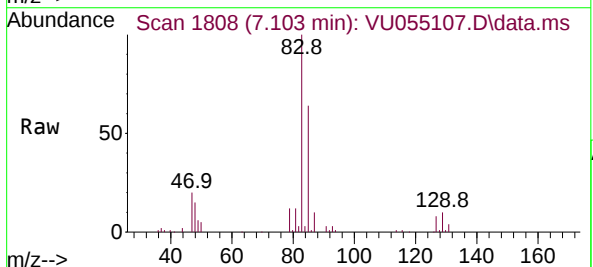
Instrument :
MSVOA_U
ClientSampleId :

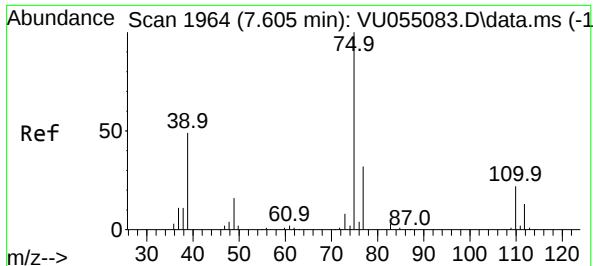
Tgt Ion: 63 Resp: 57178
Ion Ratio Lower Upper
63 100
112 3.8 3.2 4.8



#38
Bromodichloromethane
Concen: 5.383 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Tgt Ion: 83 Resp: 68492
Ion Ratio Lower Upper
83 100
85 63.9 44.9 83.5
127 7.7 7.8 11.8#





#39

cis-1,3-Dichloropropene

Concen: 5.033 ug/L

RT: 7.608 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

Instrument :

MSVOA_U

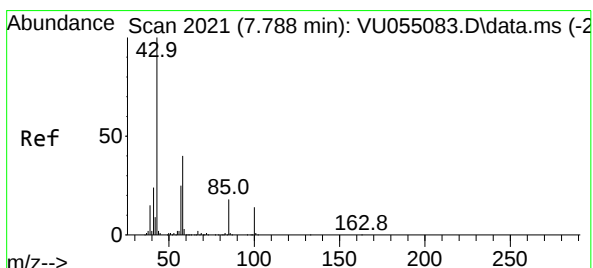
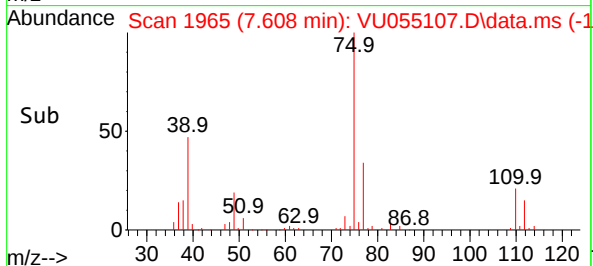
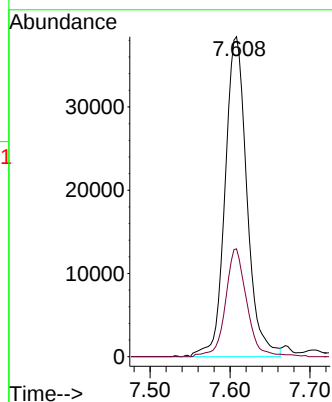
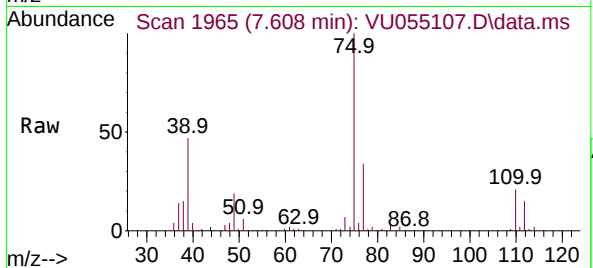
ClientSampleId :

Tgt Ion: 75 Resp: 72961

Ion Ratio Lower Upper

75 100

77 33.7 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 56.204 ug/L

RT: 7.791 min Scan# 2022

Delta R.T. 0.003 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

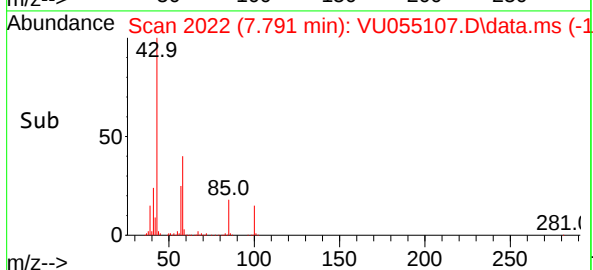
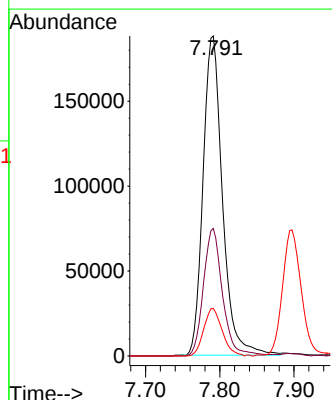
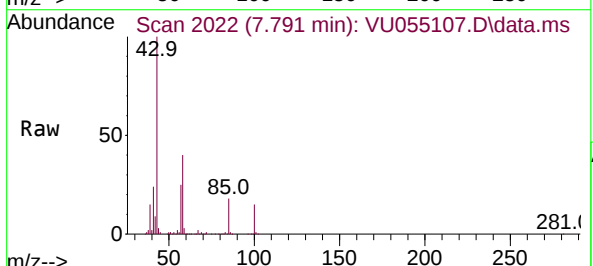
Tgt Ion: 43 Resp: 341690

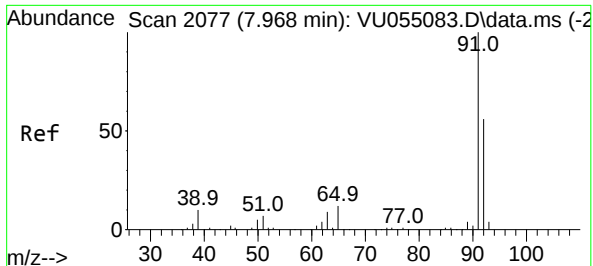
Ion Ratio Lower Upper

43 100

58 39.1 31.5 47.3

100 14.1 11.8 17.8





#42

Toluene

Concen: 5.069 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. -0.000 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

Instrument :

MSVOA_U

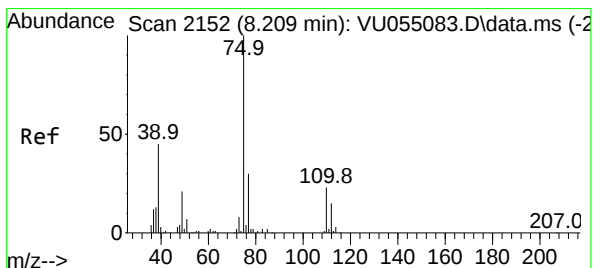
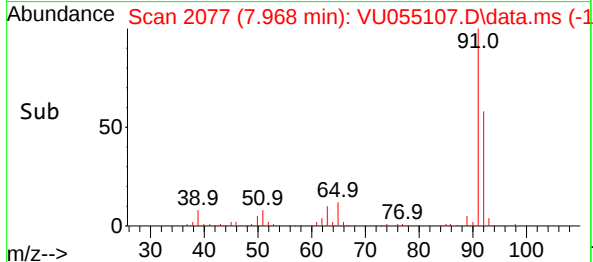
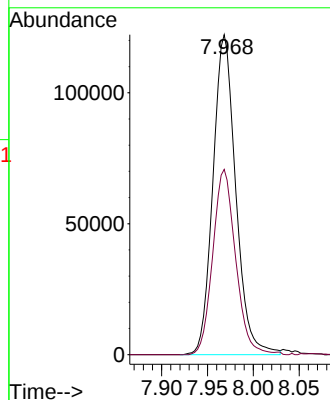
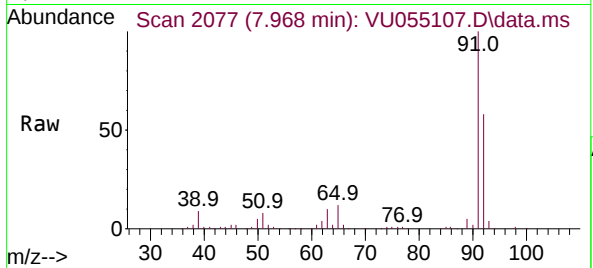
ClientSampleId :

Tgt Ion: 91 Resp: 211553

Ion Ratio Lower Upper

91 100

92 57.9 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 5.363 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU055107.D

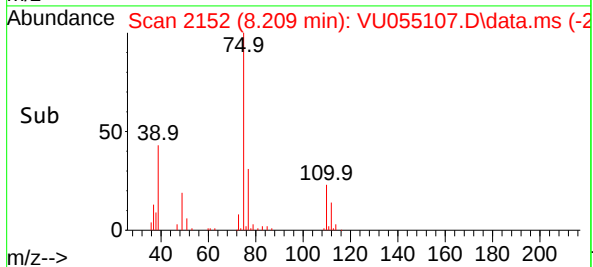
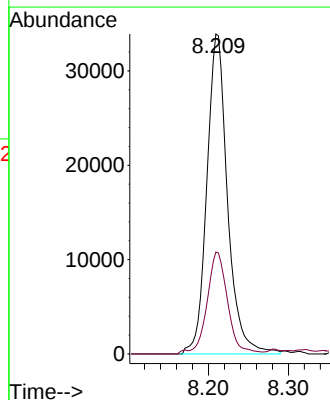
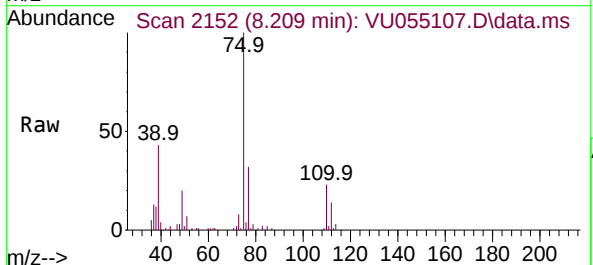
Acq: 05 Sep 2023 20:28

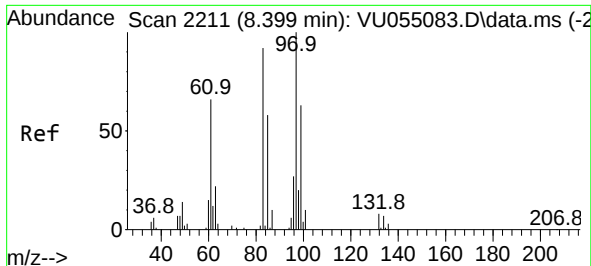
Tgt Ion: 75 Resp: 61023

Ion Ratio Lower Upper

75 100

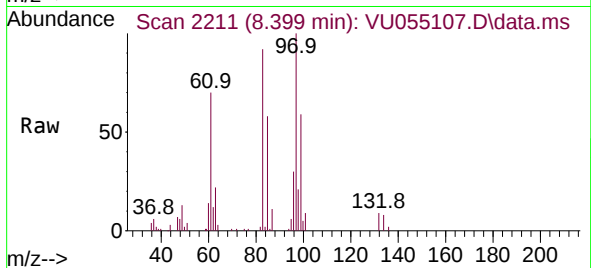
77 31.9 20.5 38.1



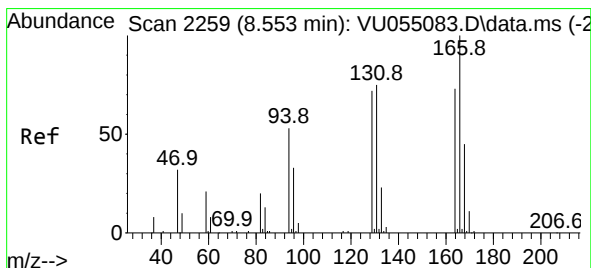
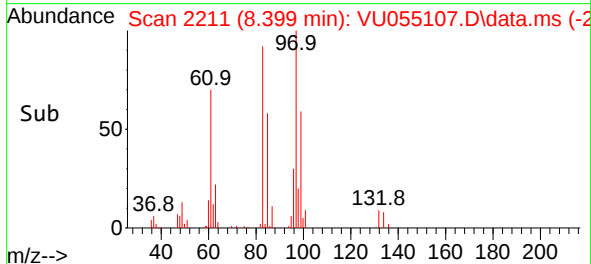
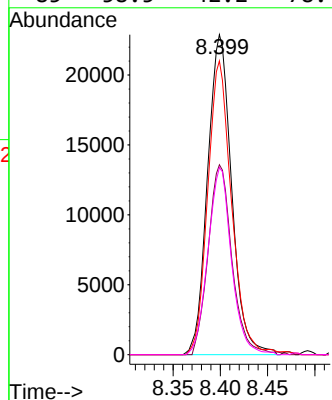


#45
1,1,2-Trichloroethane
Concen: 5.640 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Instrument :
MSVOA_U
ClientSampleId :

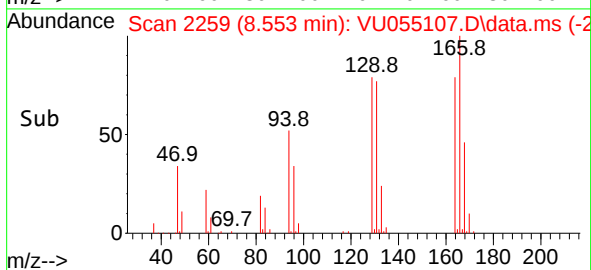
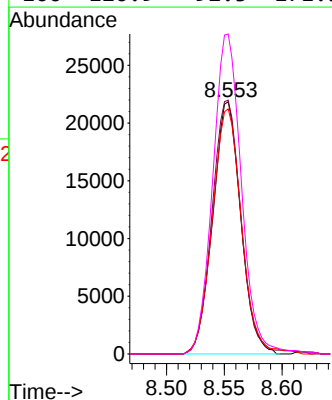
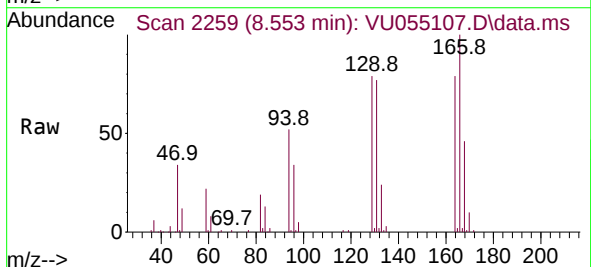


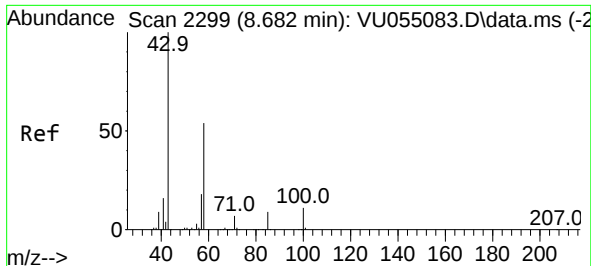
Tgt Ion:	97	Resp:	40487
Ion	Ratio	Lower	Upper
97	100		
99	59.3	44.9	83.5
83	91.8	66.9	124.3
85	58.5	42.2	78.4



#47
Tetrachloroethene
Concen: 4.898 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

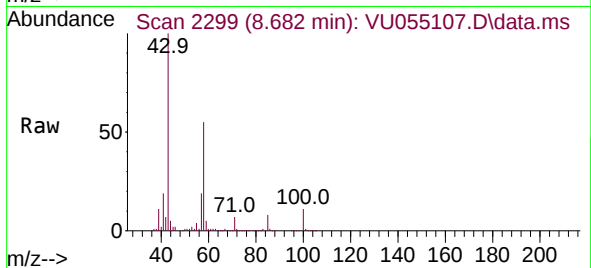
Tgt Ion:	164	Resp:	36832
Ion	Ratio	Lower	Upper
164	100		
129	100.7	69.2	128.6
131	97.3	68.8	127.8
166	126.9	92.3	171.5



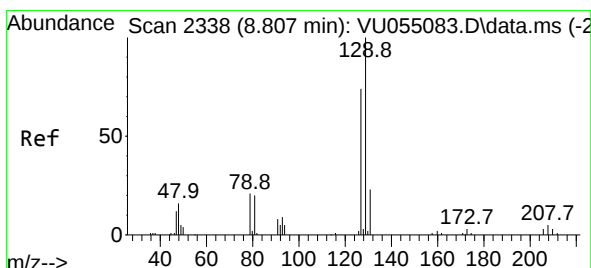
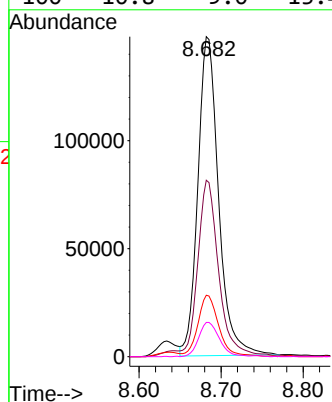
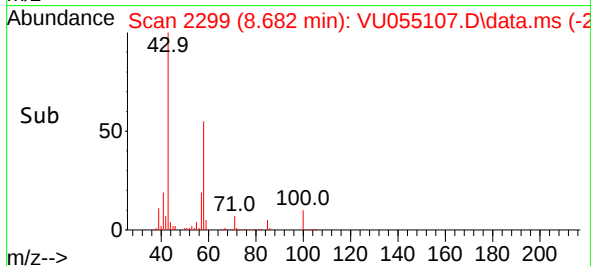


#48
2-Hexanone
Concen: 54.505 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Instrument :
MSVOA_U
ClientSampleId :

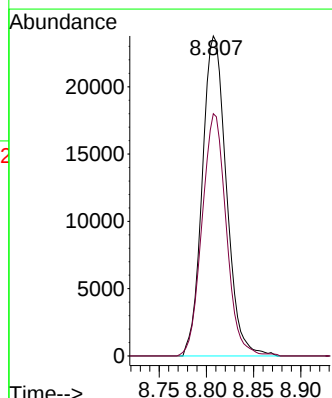
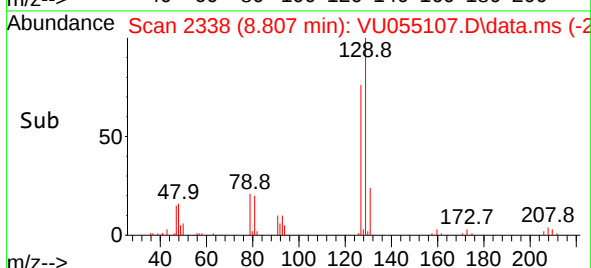
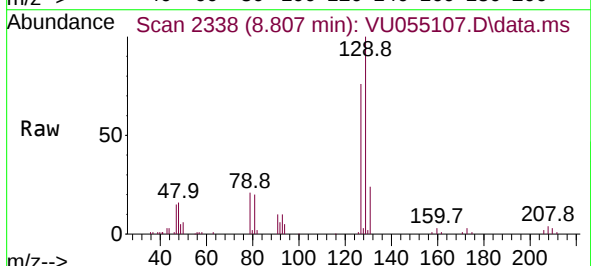


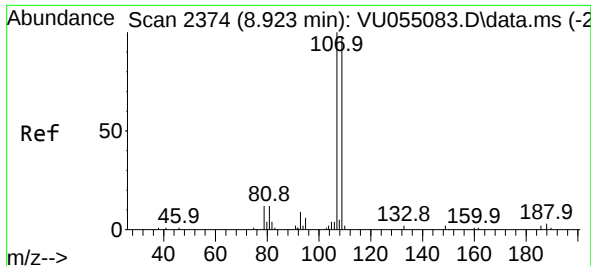
Tgt Ion: 43 Resp: 259549
Ion Ratio Lower Upper
43 100
58 54.5 44.0 66.0
57 19.1 16.2 24.2
100 10.8 9.0 13.4



#49
Dibromochloromethane
Concen: 5.383 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Tgt Ion: 129 Resp: 42186
Ion Ratio Lower Upper
129 100
127 75.7 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.666 ug/L

RT: 8.923 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055107.D

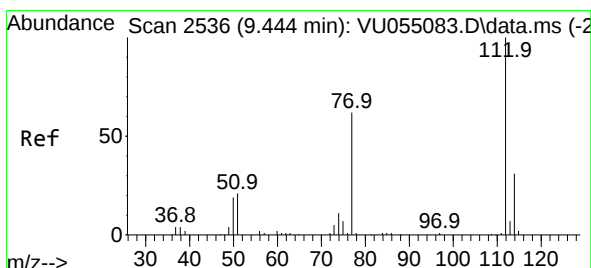
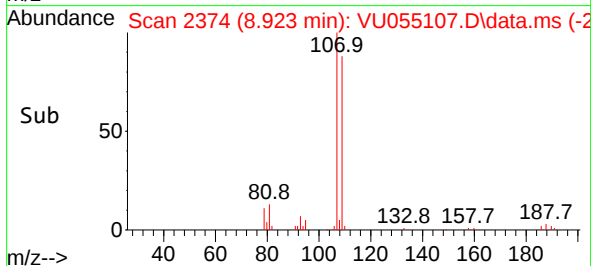
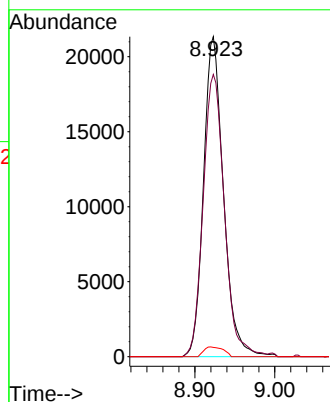
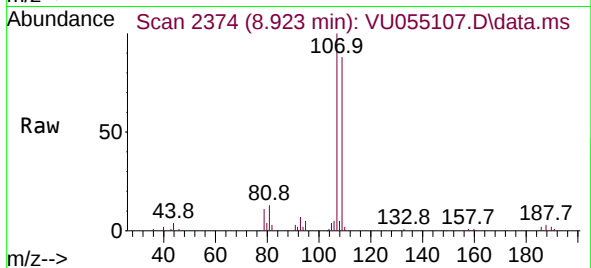
Acq: 05 Sep 2023 20:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	37036
Ion	Ratio	Lower	Upper
107	100		
109	88.2	71.4	132.6
188	2.9	3.1	4.7#



#51

Chlorobenzene

Concen: 5.028 ug/L

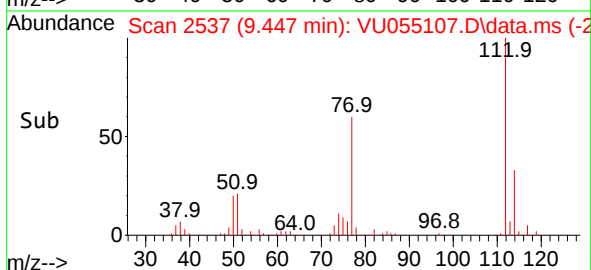
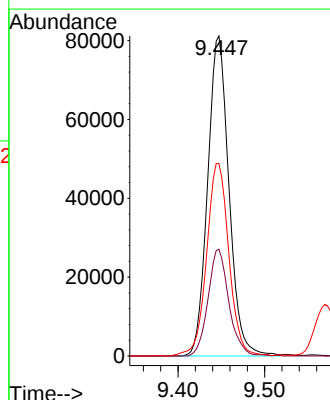
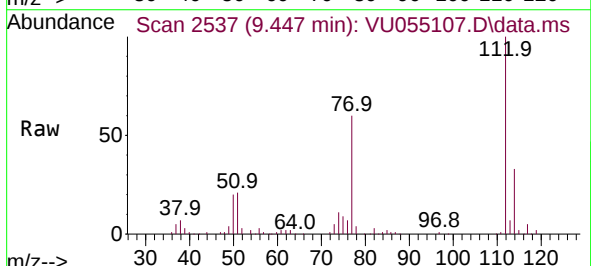
RT: 9.447 min Scan# 2537

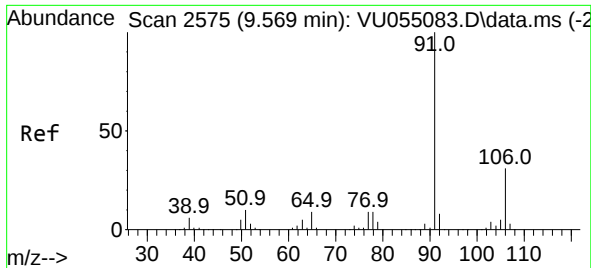
Delta R.T. 0.003 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

Tgt Ion:	112	Resp:	138981
Ion	Ratio	Lower	Upper
112	100		
114	33.3	21.7	40.3
77	60.2	48.6	72.8

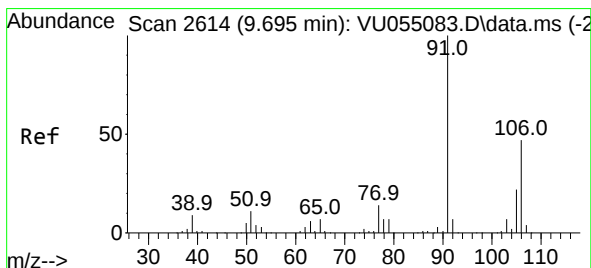
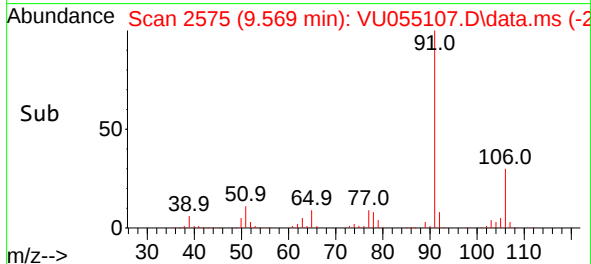
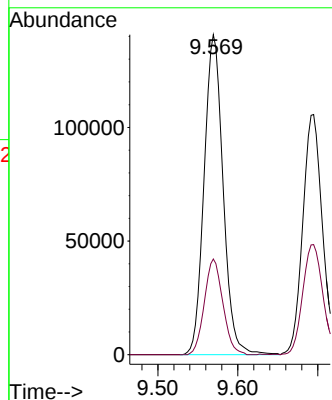
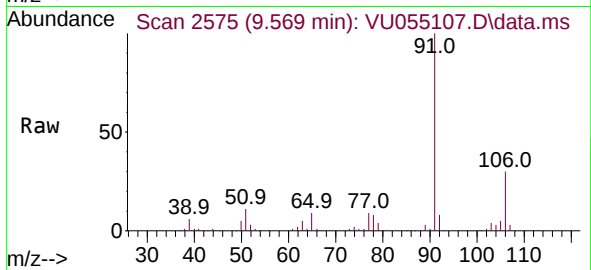




#52
Ethylbenzene
Concen: 4.993 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

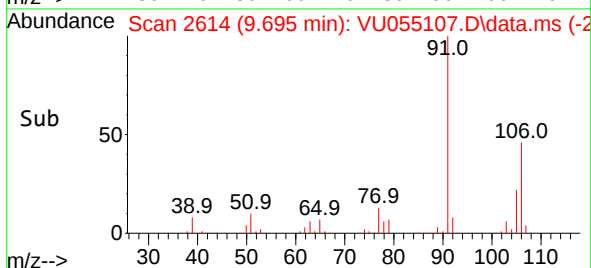
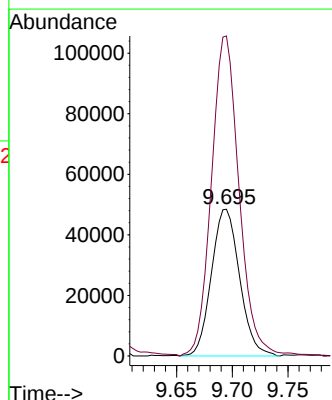
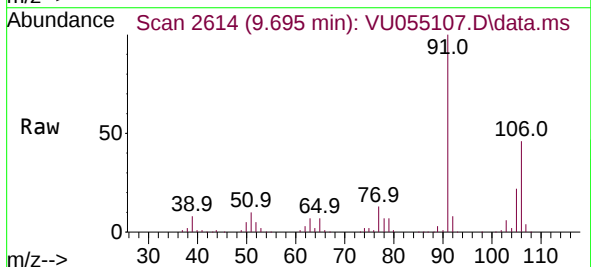
Instrument :
MSVOA_U
ClientSampleId :

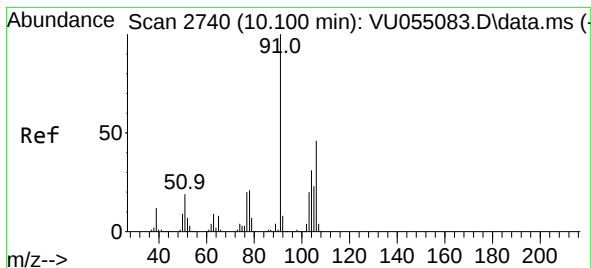
Tgt Ion: 91 Resp: 233104
Ion Ratio Lower Upper
91 100
106 29.9 21.5 39.9



#53
m,p-Xylene
Concen: 4.937 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Tgt Ion: 106 Resp: 85290
Ion Ratio Lower Upper
106 100
91 218.1 148.3 275.5





#54

o-Xylene

Concen: 4.878 ug/L

RT: 10.100 min Scan# 2740

Delta R.T. -0.000 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

Instrument :

MSVOA_U

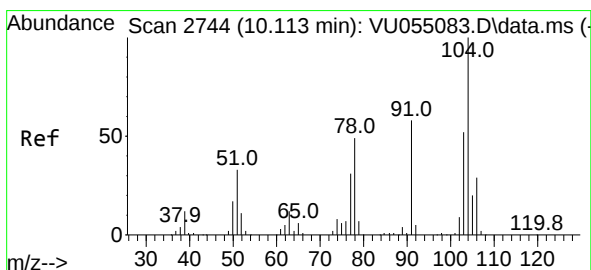
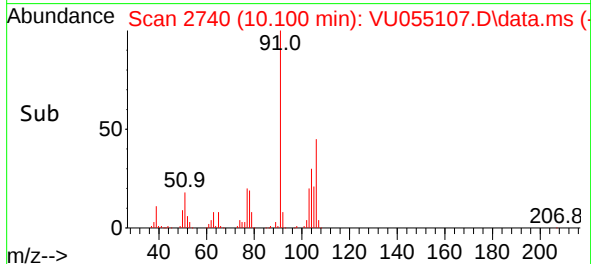
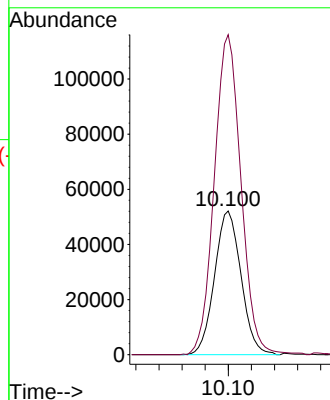
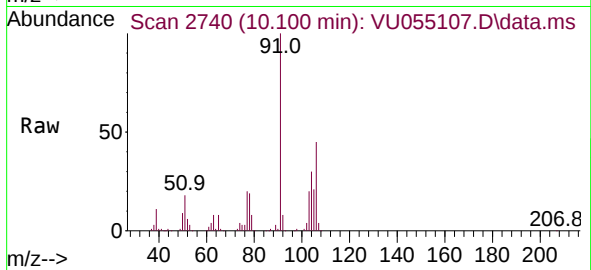
ClientSampleId :

Tgt Ion:106 Resp: 82936

Ion Ratio Lower Upper

106 100

91 222.8 152.9 284.1



#55

Styrene

Concen: 5.152 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU055107.D

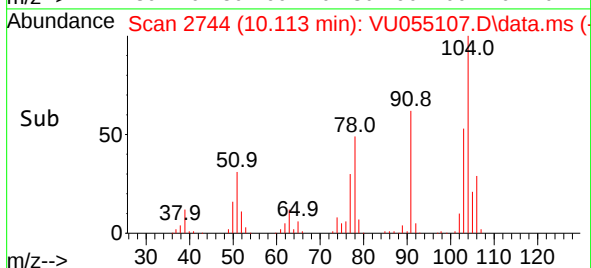
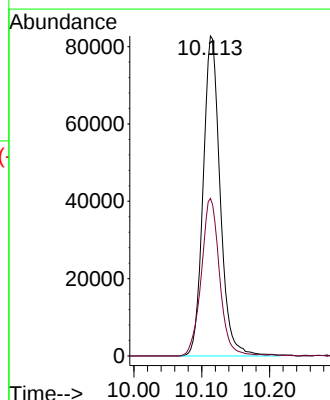
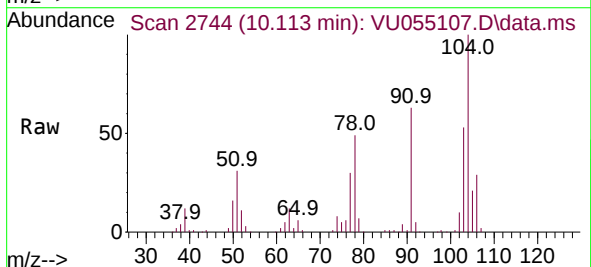
Acq: 05 Sep 2023 20:28

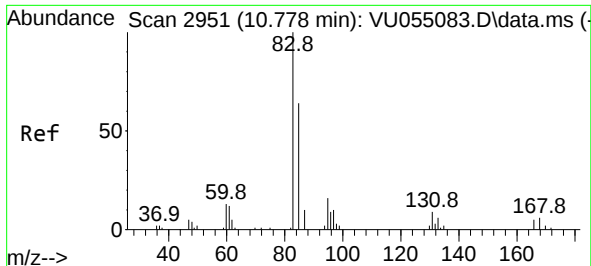
Tgt Ion:104 Resp: 144659

Ion Ratio Lower Upper

104 100

78 49.3 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.717 ug/L

RT: 10.782 min Scan# 2952

Delta R.T. 0.003 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

Instrument :

MSVOA_U

ClientSampleId :

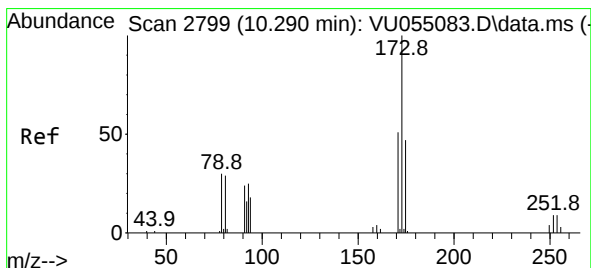
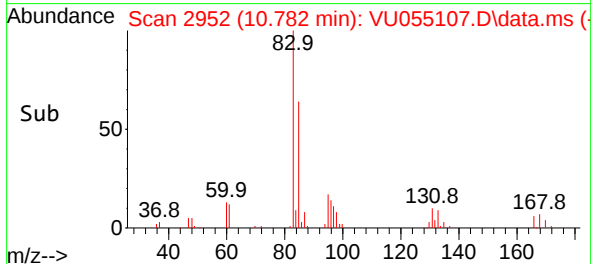
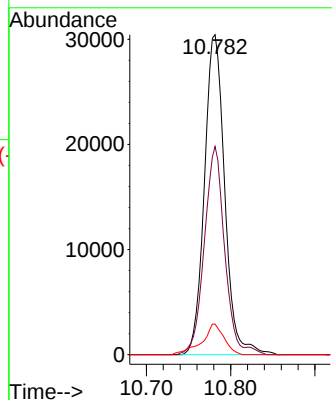
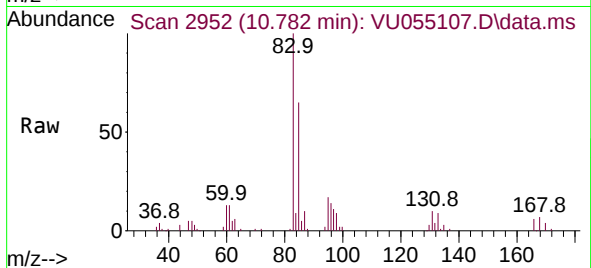
Tgt Ion: 83 Resp: 51118

Ion Ratio Lower Upper

83 100

85 65.1 42.4 78.6

131 9.5 7.6 11.4



#59

Bromoform

Concen: 5.432 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. -0.000 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

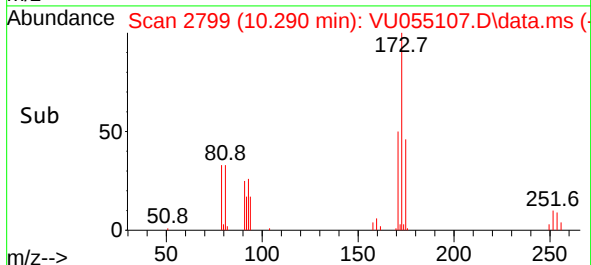
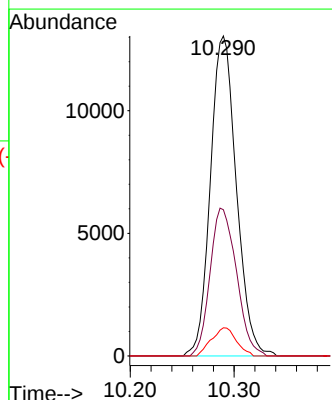
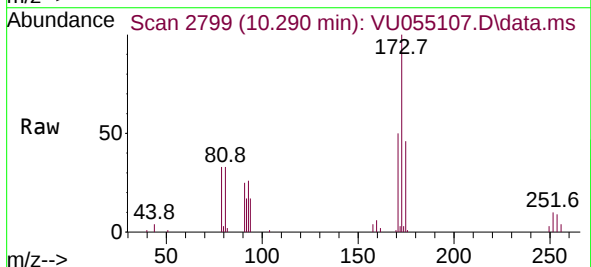
Tgt Ion:173 Resp: 22640

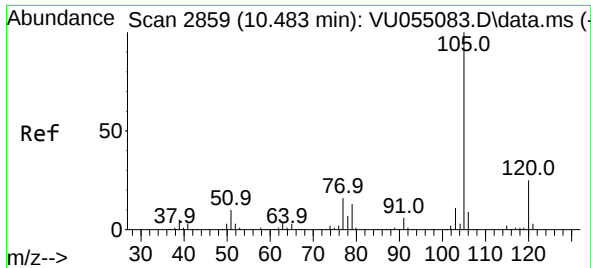
Ion Ratio Lower Upper

173 100

175 46.9 40.9 61.3

254 8.5 7.0 10.4

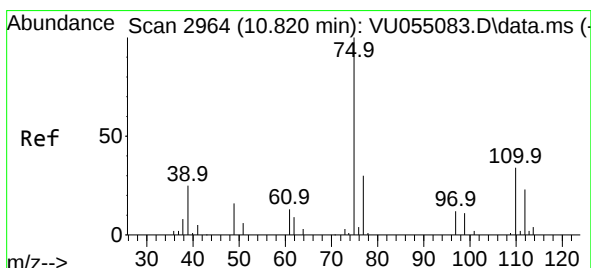
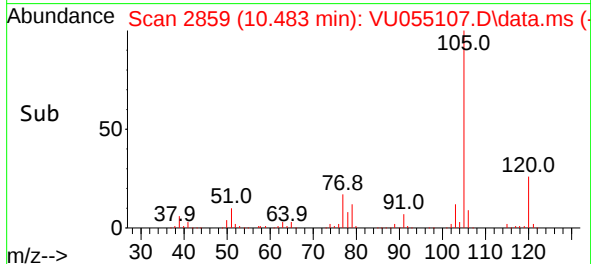
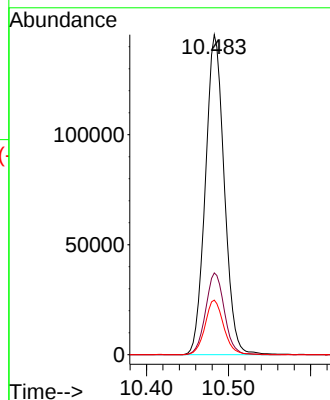
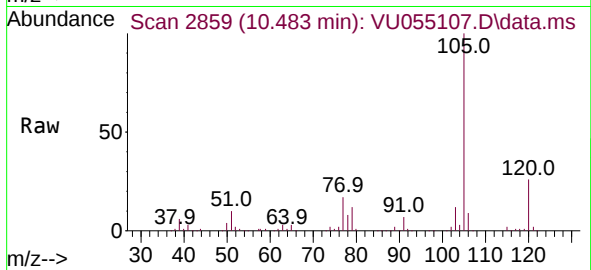




#60
Isopropylbenzene
Concen: 4.790 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

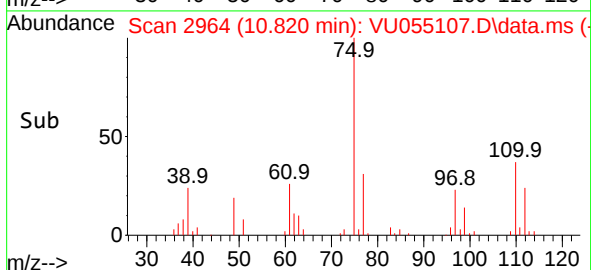
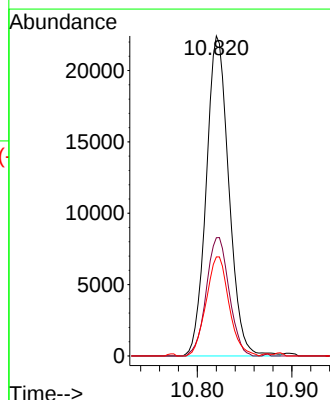
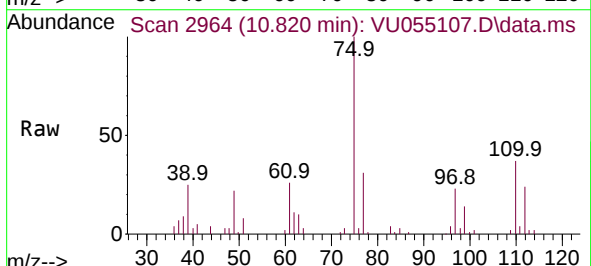
Instrument :
MSVOA_U
ClientSampleId :

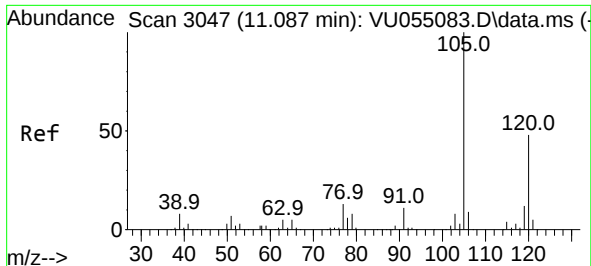
Tgt Ion:105 Resp: 232988
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 16.9 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.378 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Tgt Ion: 75 Resp: 37228
Ion Ratio Lower Upper
75 100
110 37.4 28.2 42.2
77 31.4 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 4.748 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

Instrument :

MSVOA_U

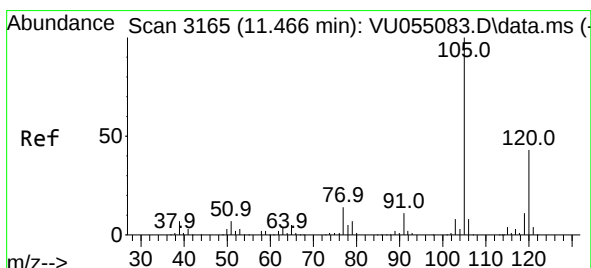
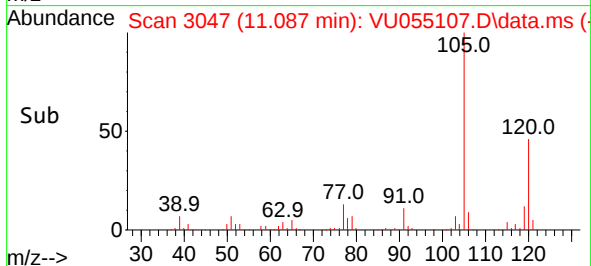
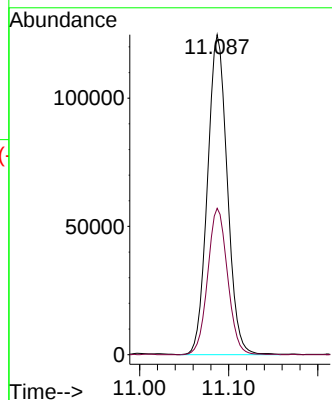
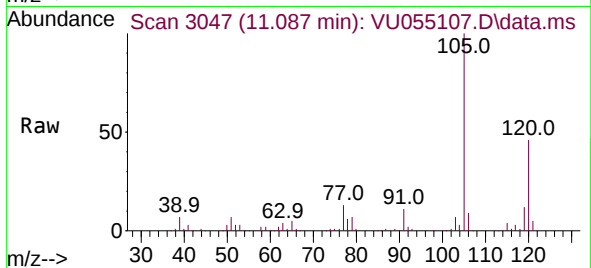
ClientSampleId :

Tgt Ion:105 Resp: 192128

Ion Ratio Lower Upper

105 100

120 46.0 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 4.481 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VU055107.D

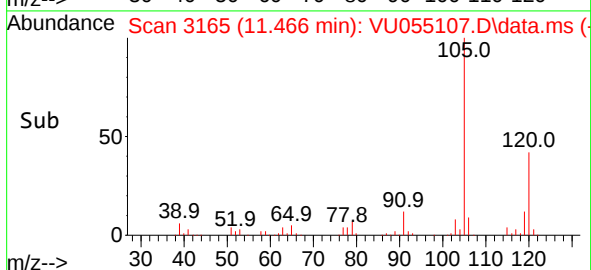
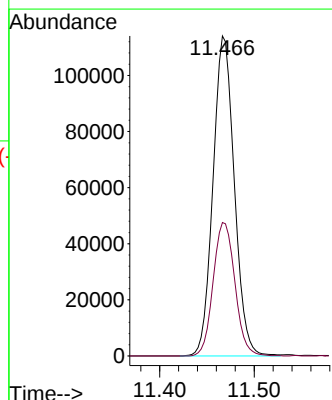
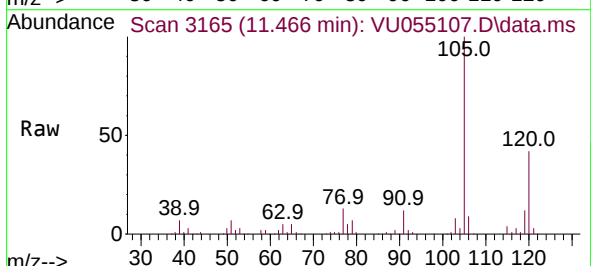
Acq: 05 Sep 2023 20:28

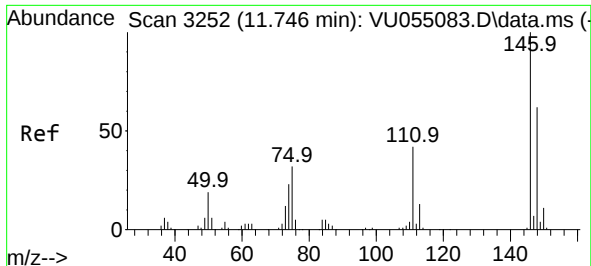
Tgt Ion:105 Resp: 178692

Ion Ratio Lower Upper

105 100

120 42.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 4.767 ug/L

RT: 11.746 min Scan# 3252

Delta R.T. -0.000 min

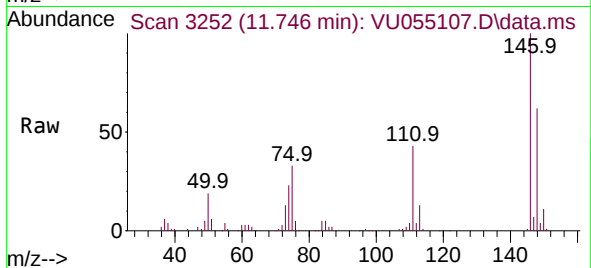
Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

Instrument :

MSVOA_U

ClientSampleId :



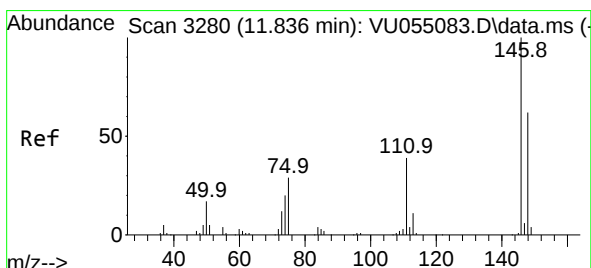
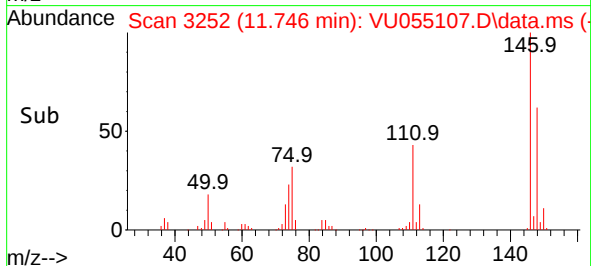
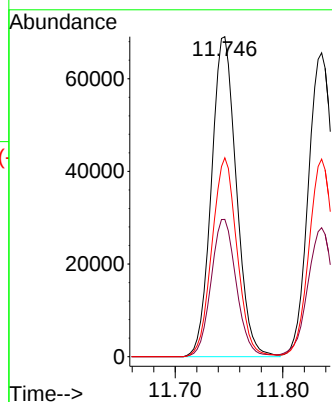
Tgt Ion:146 Resp: 111304

Ion Ratio Lower Upper

146 100

111 42.9 30.0 55.6

148 62.2 45.2 84.0



#65

1,4-Dichlorobenzene

Concen: 4.689 ug/L

RT: 11.836 min Scan# 3280

Delta R.T. -0.000 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

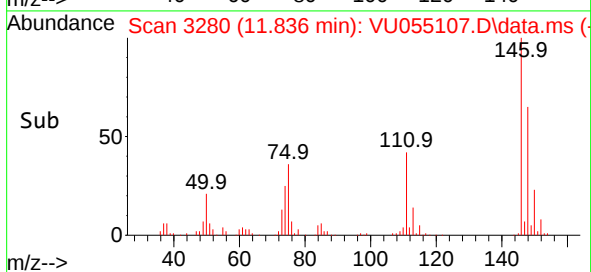
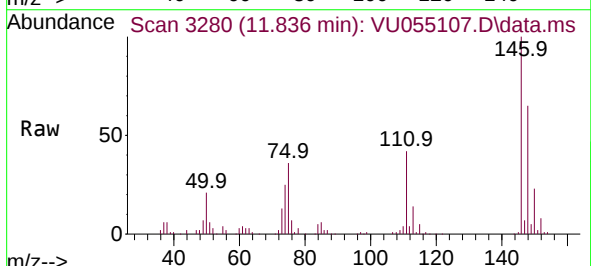
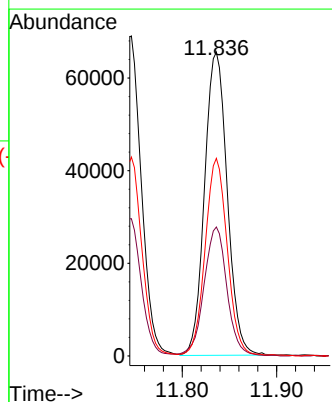
Tgt Ion:146 Resp: 109124

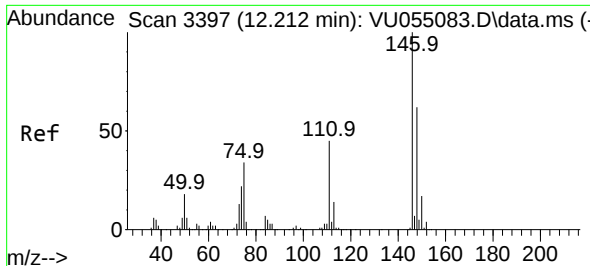
Ion Ratio Lower Upper

146 100

111 42.5 28.1 52.1

148 65.0 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 4.720 ug/L

RT: 12.212 min Scan# 3397

Delta R.T. -0.000 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

Instrument :

MSVOA_U

ClientSampleId :

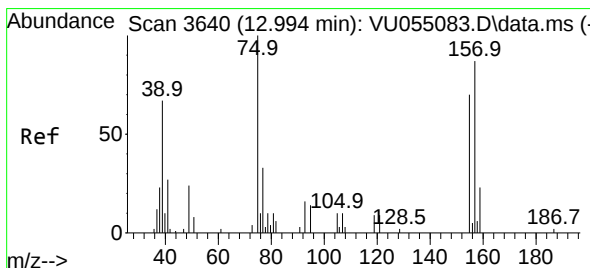
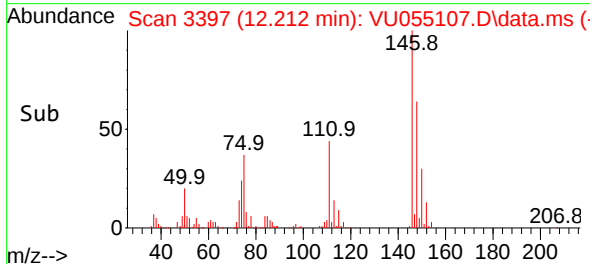
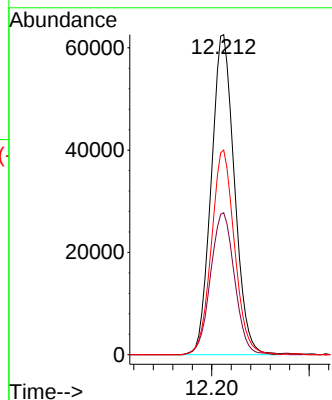
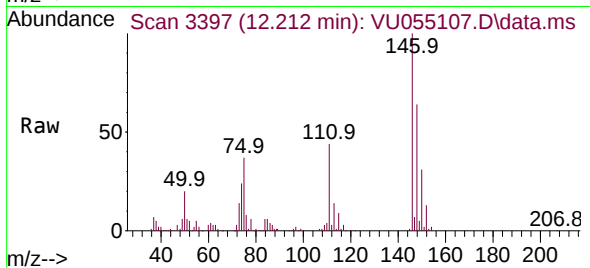
Tgt Ion:146 Resp: 103328

Ion Ratio Lower Upper

146 100

111 44.4 35.6 53.4

148 64.0 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.105 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055107.D

Acq: 05 Sep 2023 20:28

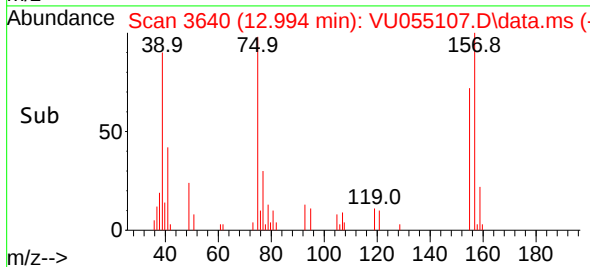
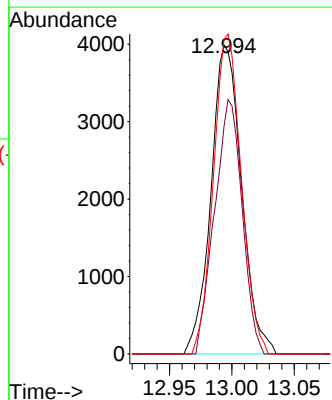
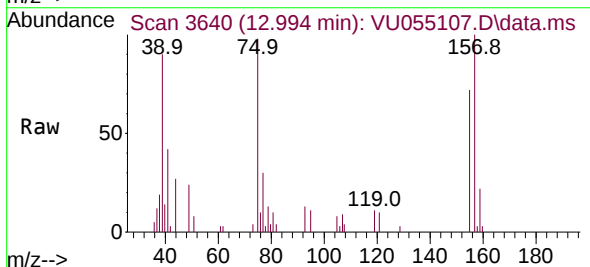
Tgt Ion: 75 Resp: 6807

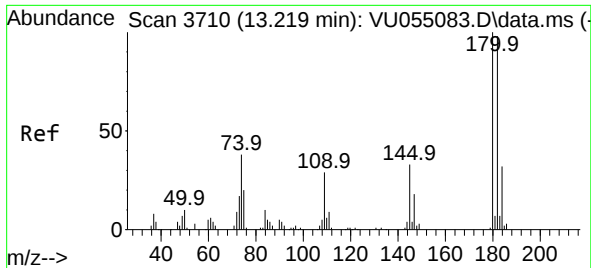
Ion Ratio Lower Upper

75 100

155 73.7 61.1 91.7

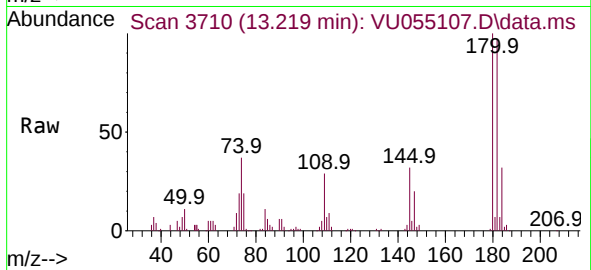
157 101.8 66.8 100.2#



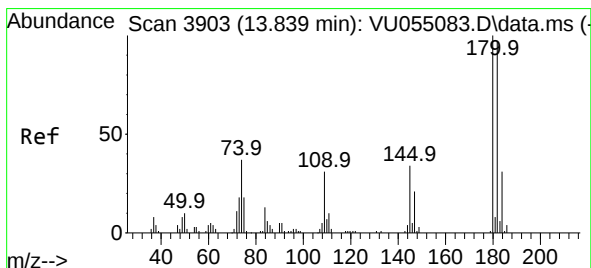
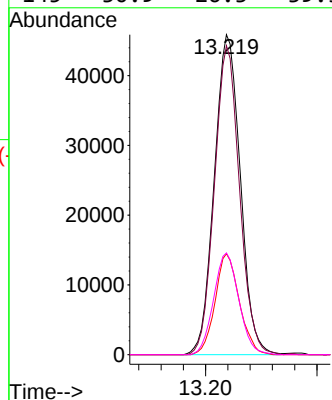
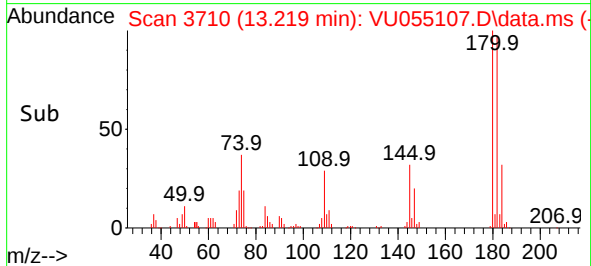


#69
 1,3,5-Trichlorobenzene
 Concen: 4.207 ug/L
 RT: 13.219 min Scan# 3710
 Delta R.T. -0.000 min
 Lab File: VU055107.D
 Acq: 05 Sep 2023 20:28

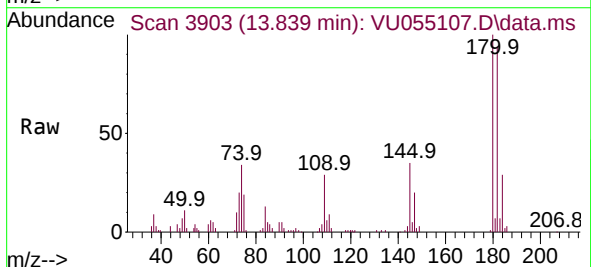
Instrument :
 MSVOA_U
 ClientSampleId :



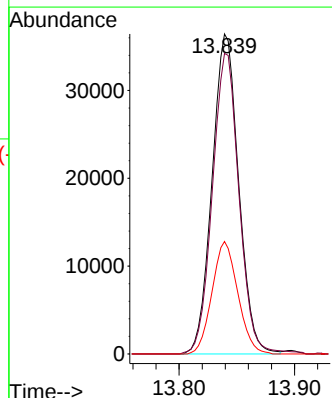
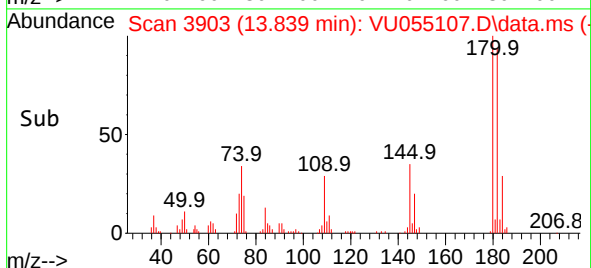
Tgt Ion:	180	Resp:	74234
Ion Ratio	Lower	Upper	
180	100		
182	93.2	75.8	113.6
184	29.4	24.0	36.0
145	30.9	26.3	39.5

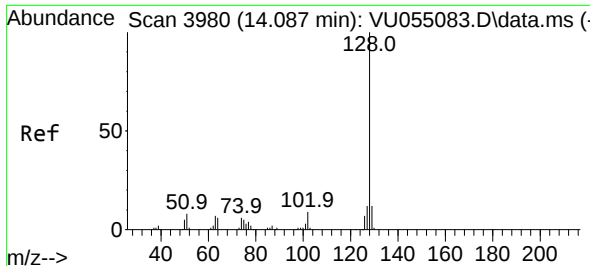


#70
 1,2,4-trichlorobenzene
 Concen: 3.517 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. -0.000 min
 Lab File: VU055107.D
 Acq: 05 Sep 2023 20:28



Tgt Ion:	180	Resp:	58186
Ion Ratio	Lower	Upper	
180	100		
182	94.2	73.6	110.4
145	34.2	25.8	38.8

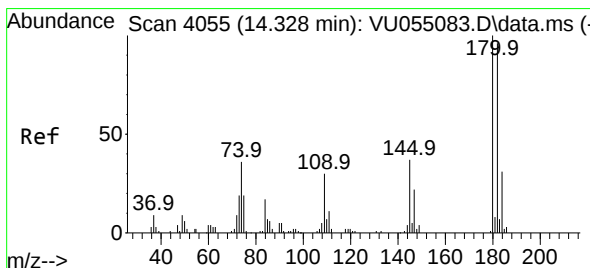
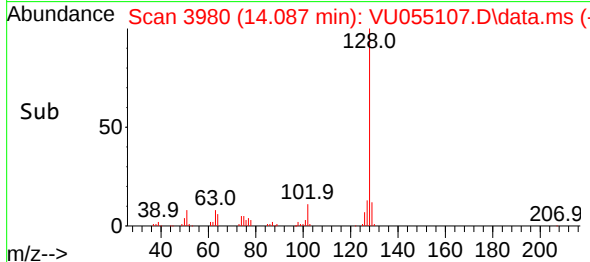
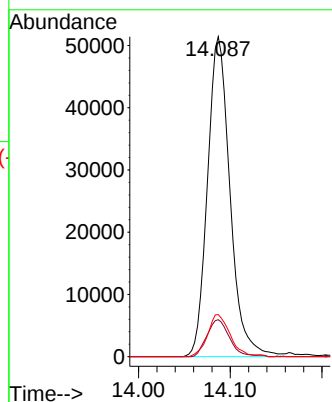
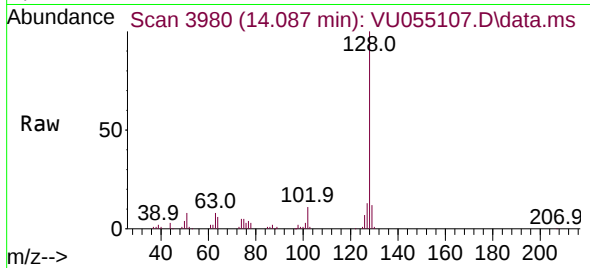




#71
Naphthalene
Concen: 2.923 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. -0.000 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 87896
Ion Ratio Lower Upper
128 100
129 11.7 8.2 12.2
127 13.0 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 3.580 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.003 min
Lab File: VU055107.D
Acq: 05 Sep 2023 20:28

Tgt Ion:180 Resp: 51412
Ion Ratio Lower Upper
180 100
182 97.2 75.6 113.4
145 34.7 27.0 40.6

