

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055043.D
 Acq On : 01 Sep 2023 15:41
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:41:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:32:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	203904	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	206730	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	116116	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48223	5.046	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.000%
7) Chloroethane-d5	1.907	69	56145	5.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.563	65	28058	5.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.000%
20) 2-Butanone-d5	4.628	46	149619	53.951	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.900%
24) Chloroform-d	5.062	84	132007	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.698	65	66217	5.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.724	84	265373	5.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.689	67	82077	5.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.894	98	242585	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
43) trans-1,3-Dichloroprop...	8.177	79	23138	5.177	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.631	63	98200	54.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.240%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	59606	5.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	83872	4.949	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	64510	5.444	ug/L	97
3) Chloromethane	1.515	50	62501	5.181	ug/L	99
5) Vinyl chloride	1.602	62	67212	5.282	ug/L	97
6) Bromomethane	1.853	94	38735	5.047	ug/L	98
8) Chloroethane	1.930	64	41926	5.060	ug/L	100
9) Trichlorofluoromethane	2.136	101	96262	5.202	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	57949	5.382	ug/L	97
12) 1,1-Dichloroethene	2.576	96	48303	5.124	ug/L	93
13) Acetone	2.631	43	96421	51.876	ug/L	98
14) Carbon disulfide	2.788	76	119834	5.191	ug/L	100
15) Methyl Acetate	2.956	43	21097	5.545	ug/L	96
16) Methylene chloride	3.042	84	68759	4.774	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	133840	5.414	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	49326	5.157	ug/L	98
19) 1,1-Dichloroethane	3.866	63	109861	5.315	ug/L	98
21) 2-Butanone	4.705	43	140713	51.526	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	60200	5.142	ug/L	94
23) Bromochloromethane	4.972	128	25370	5.269	ug/L	92
25) Chloroform	5.084	83	115821	5.380	ug/L	92

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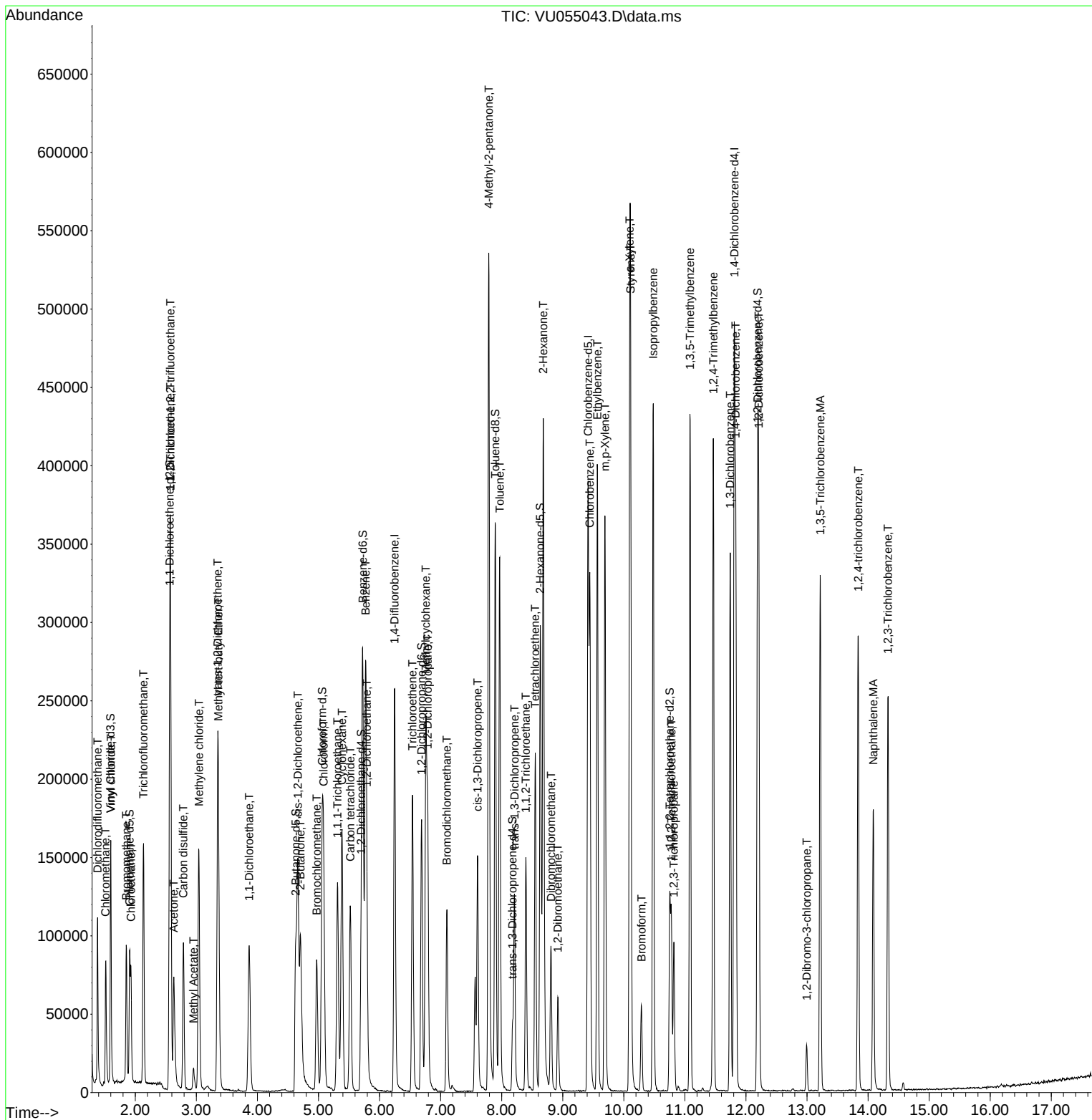
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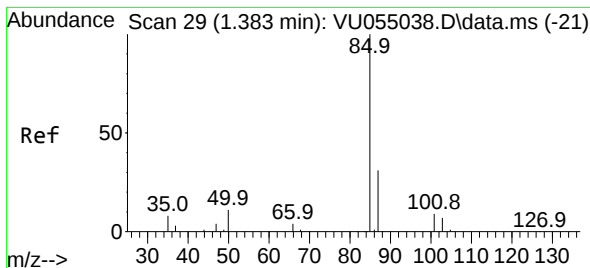
Quant Time: Sep 01 23:41:30 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	72232	5.497	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	93689	5.239	ug/L	100
30) Cyclohexane	5.386	56	83377	5.243	ug/L	99
31) Carbon tetrachloride	5.521	117	79443	5.343	ug/L	99
33) Benzene	5.772	78	235807	5.359	ug/L	100
34) Trichloroethene	6.541	95	63943	5.229	ug/L	97
35) Methylcyclohexane	6.759	83	87224	5.084	ug/L	95
37) 1,2-Dichloropropane	6.788	63	66245	5.530	ug/L #	92
38) Bromodichloromethane	7.103	83	76059	5.318	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	85699	5.260	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	359204	52.570	ug/L	100
42) Toluene	7.968	91	249528	5.320	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	70714	5.530	ug/L	91
45) 1,1,2-Trichloroethane	8.396	97	45892	5.688	ug/L	93
47) Tetrachloroethene	8.550	164	45658	5.402	ug/L	98
48) 2-Hexanone	8.682	43	282532	52.789	ug/L	98
49) Dibromochloromethane	8.807	129	45599	5.177	ug/L	98
50) 1,2-Dibromoethane	8.920	107	39655	5.397	ug/L	94
51) Chlorobenzene	9.444	112	163759	5.271	ug/L	99
52) Ethylbenzene	9.566	91	282013	5.374	ug/L	99
53) m,p-Xylene	9.692	106	104164	5.364	ug/L	97
54) o-Xylene	10.097	106	101680	5.321	ug/L	96
55) Styrene	10.113	104	168906	5.353	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	54199	5.393	ug/L	99
59) Bromoform	10.290	173	23910	5.154	ug/L	98
60) Isopropylbenzene	10.483	105	281306	5.195	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	38638	5.014	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	236262	5.245	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	228385	5.145	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	132433	5.095	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	133295	5.145	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	122683	5.034	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	8042	5.417	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.219	180	96671	4.921	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	81876	4.445	ug/L	98
71) Naphthalene	14.087	128	146626	4.380	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	72805	4.554	ug/L	99

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

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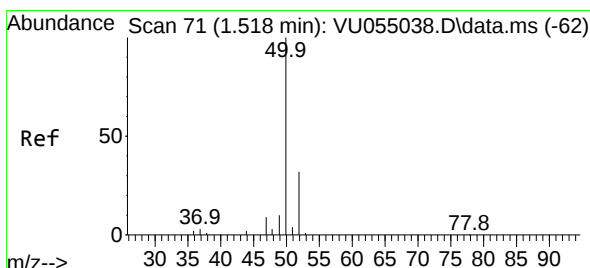
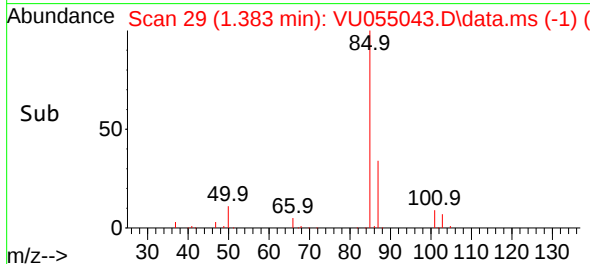
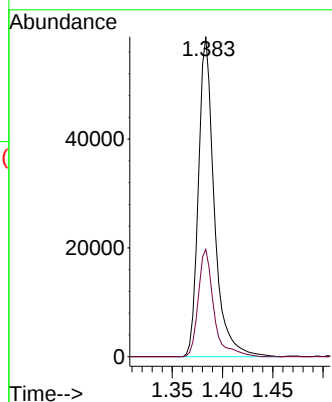
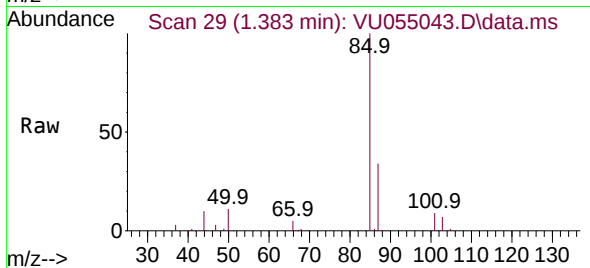




#2
 Dichlorodifluoromethane
 Concen: 5.444 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055043.D
 Acq: 01 Sep 2023 15:41

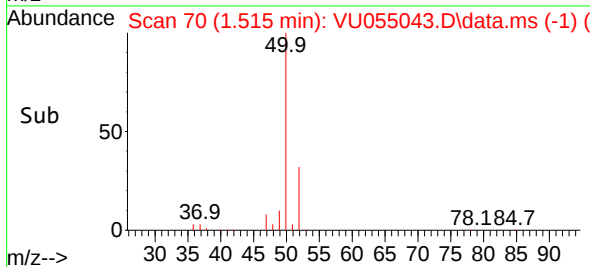
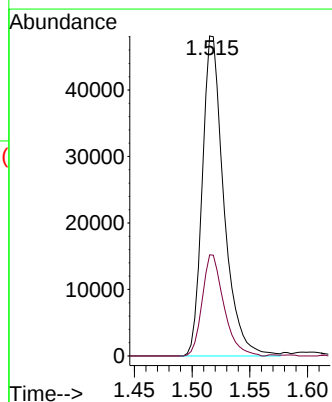
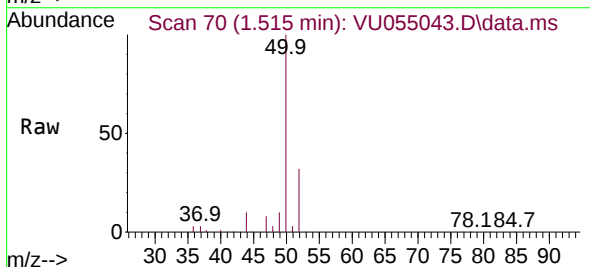
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 ClientSampleId :

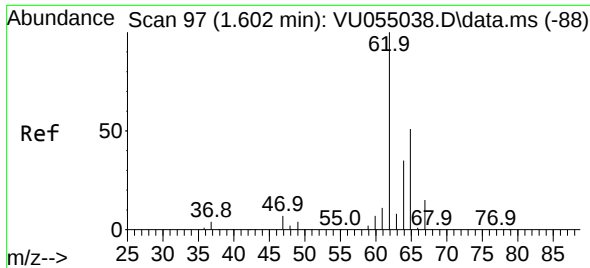
Tgt Ion: 85 Resp: 64510
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.1 37.7



#3
 Chloromethane
 Concen: 5.181 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU055043.D
 Acq: 01 Sep 2023 15:41

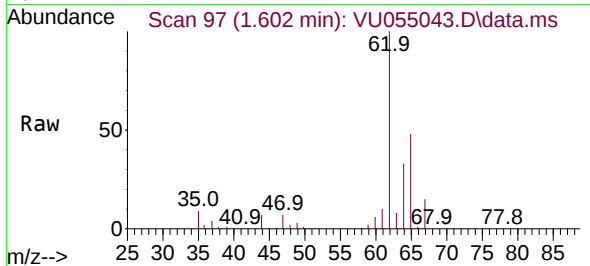
Tgt Ion: 50 Resp: 62501
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.5 41.7



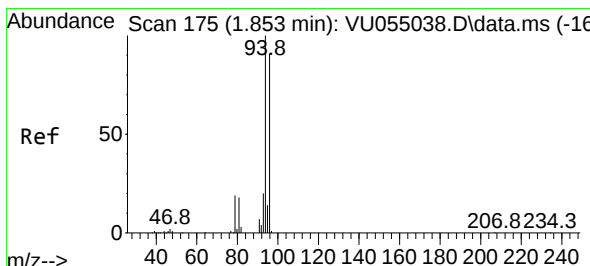
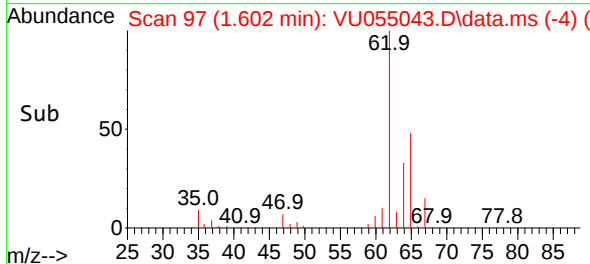
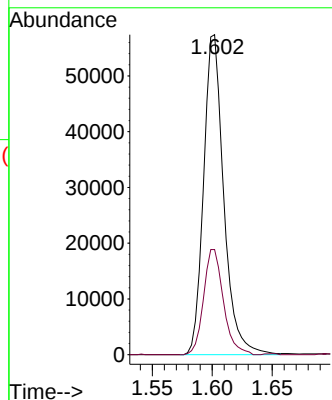


#5
 Vinyl chloride
 Concen: 5.282 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055043.D
 Acq: 01 Sep 2023 15:41

Instrument :
 MSVOA_U
 ClientSampleId :

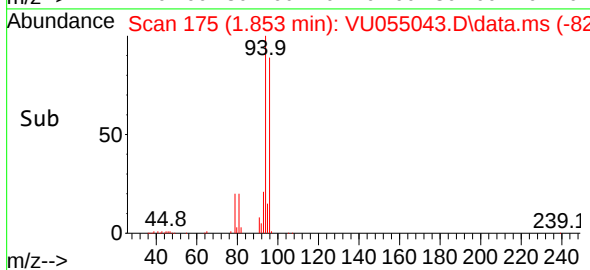
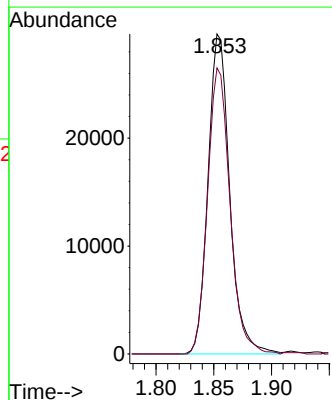
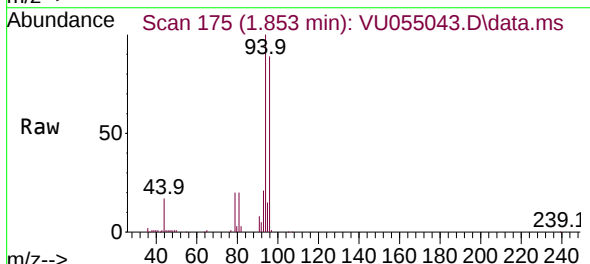


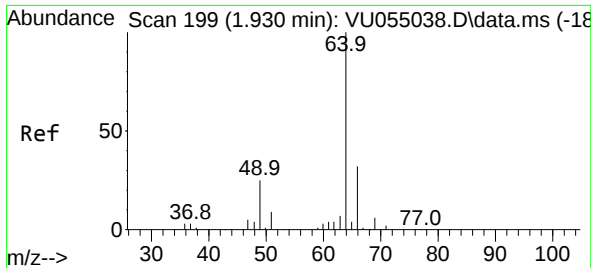
Tgt Ion: 62 Resp: 67212
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.2 45.0



#6
 Bromomethane
 Concen: 5.047 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU055043.D
 Acq: 01 Sep 2023 15:41

Tgt Ion: 94 Resp: 38735
 Ion Ratio Lower Upper
 94 100
 96 89.4 63.8 118.4

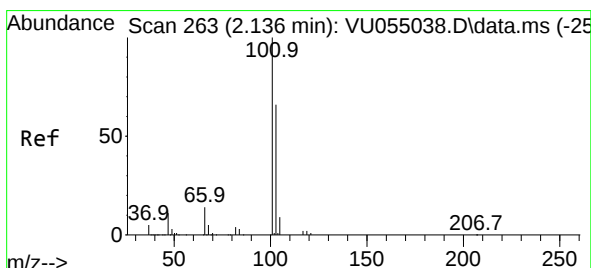
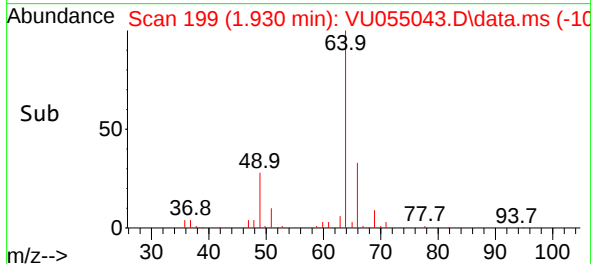
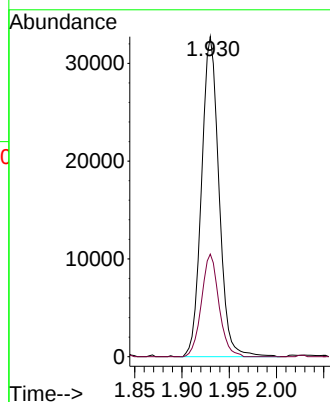
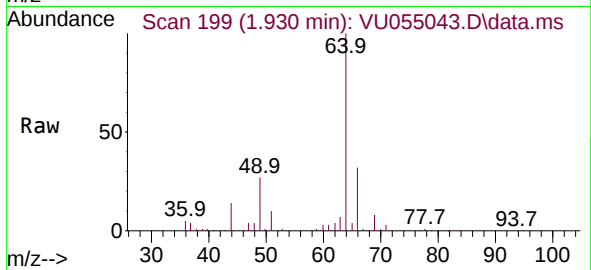




#8
Chloroethane
Concen: 5.060 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

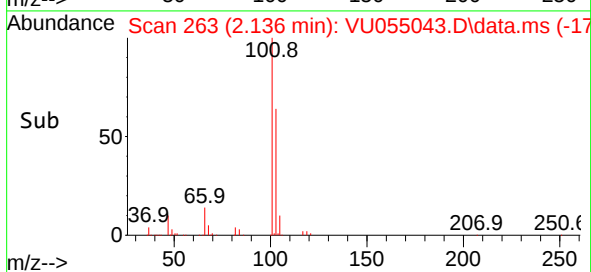
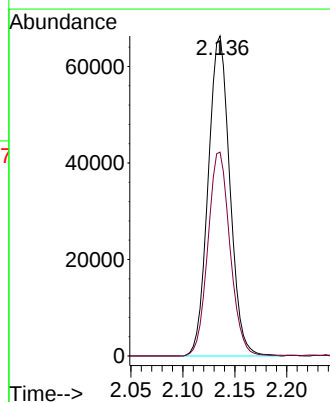
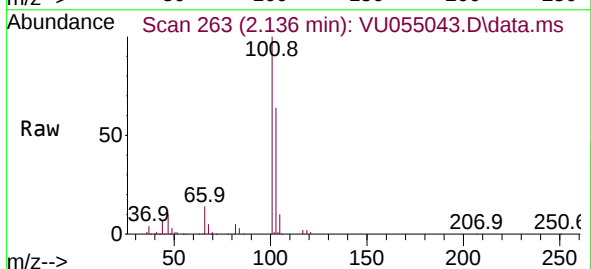
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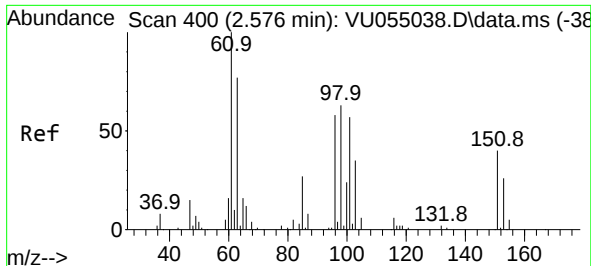
Tgt Ion: 64 Resp: 41926
Ion Ratio Lower Upper
64 100
66 32.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.202 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Tgt Ion:101 Resp: 96262
Ion Ratio Lower Upper
101 100
103 65.0 51.9 77.9

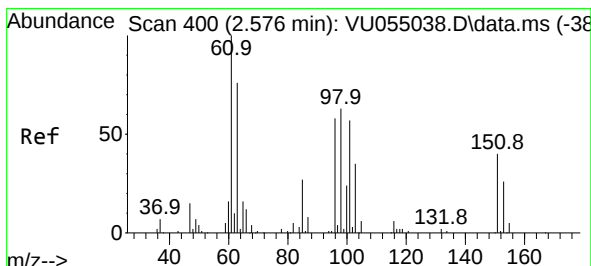
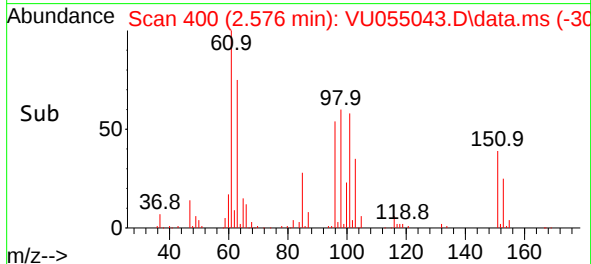
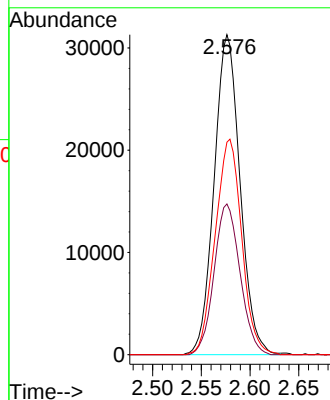
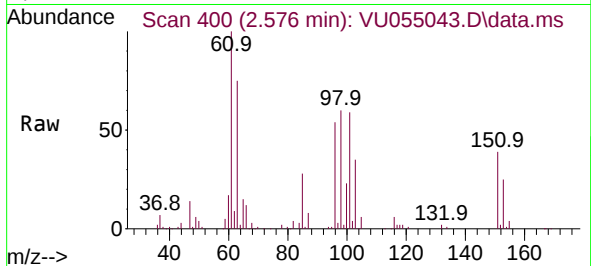




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.382 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

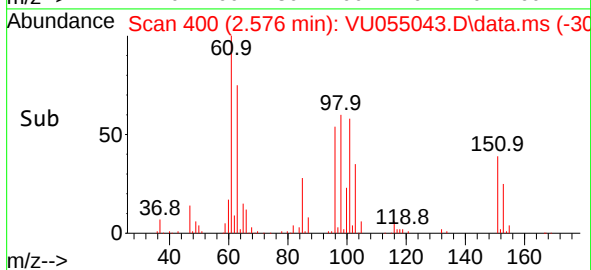
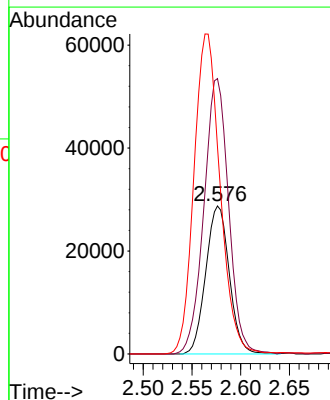
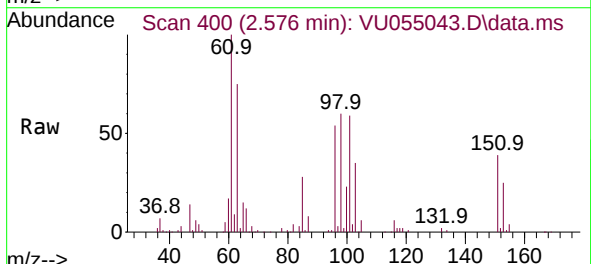
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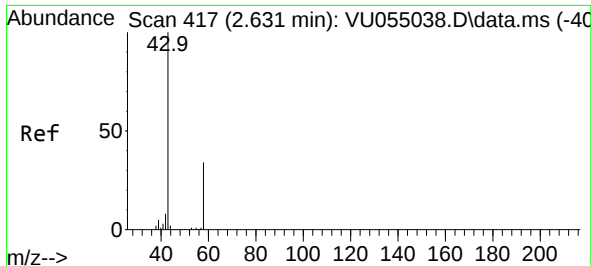
Tgt Ion:101 Resp: 57949
Ion Ratio Lower Upper
101 100
85 47.1 37.3 55.9
151 68.9 57.6 86.4



#12
1,1-Dichloroethene
Concen: 5.124 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Tgt Ion: 96 Resp: 48303
Ion Ratio Lower Upper
96 100
61 186.0 120.8 224.4
63 139.8 94.5 175.5





#13

Acetone

Concen: 51.876 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.000 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

Instrument :

MSVOA_U

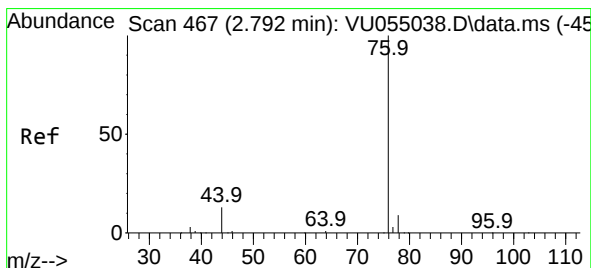
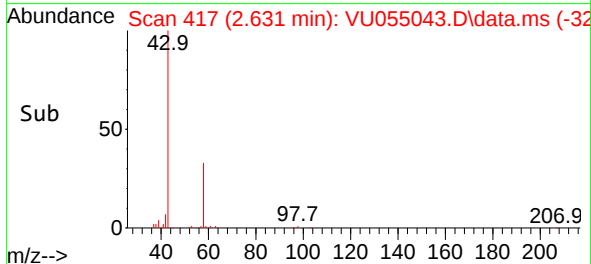
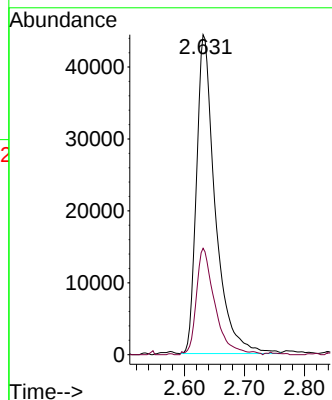
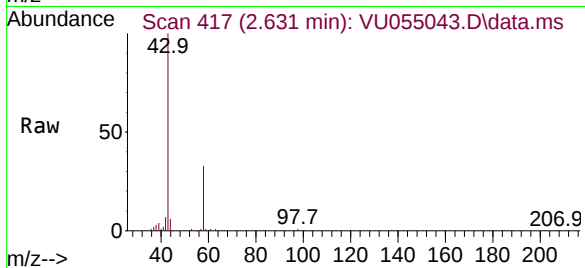
ClientSampleId :

Tgt Ion: 43 Resp: 96421

Ion Ratio Lower Upper

43 100

58 32.7 0.0 67.8



#14

Carbon disulfide

Concen: 5.191 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU055043.D

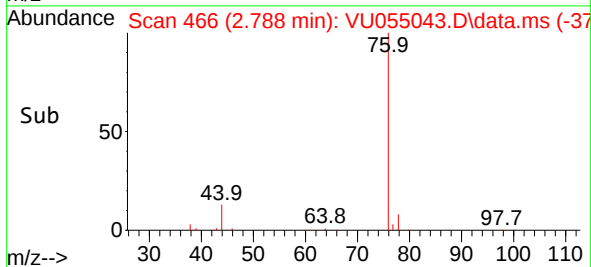
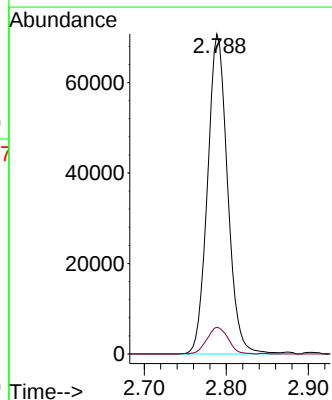
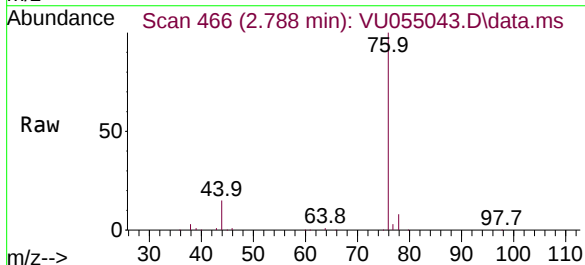
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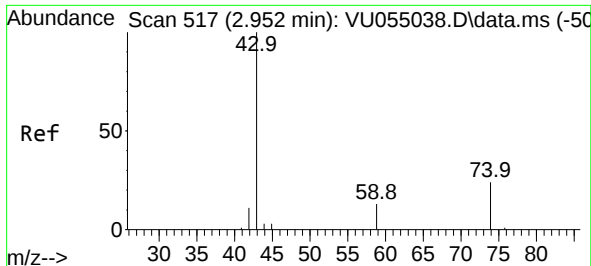
Tgt Ion: 76 Resp: 119834

Ion Ratio Lower Upper

76 100

78 8.4 6.8 10.2

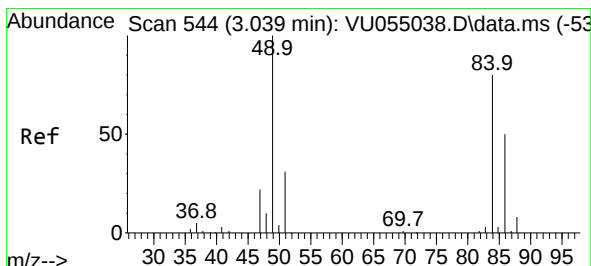
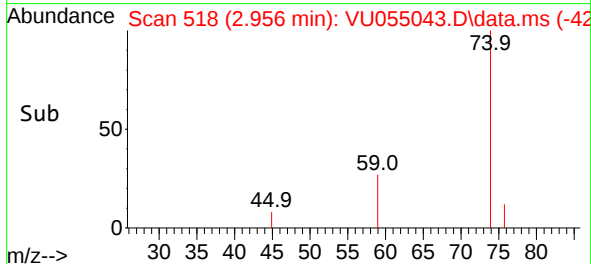
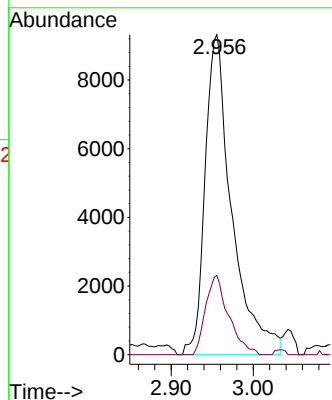
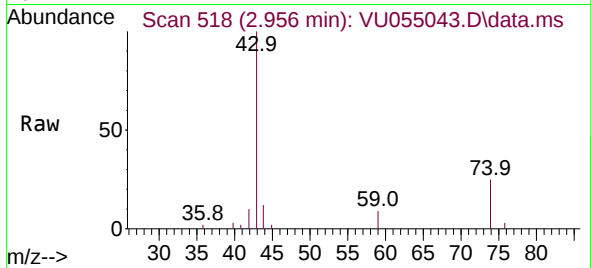




#15
Methyl Acetate
Concen: 5.545 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.003 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

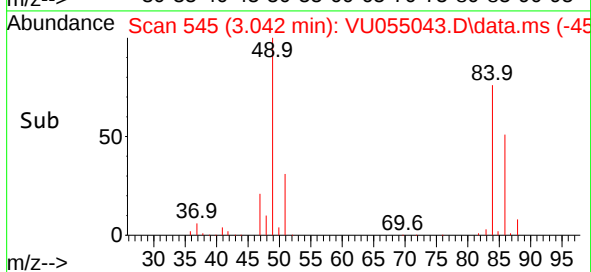
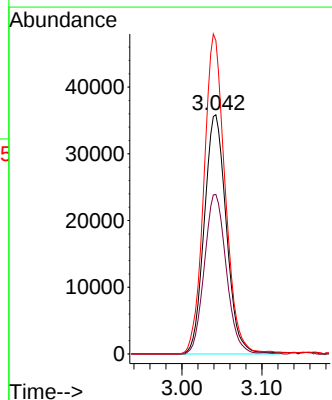
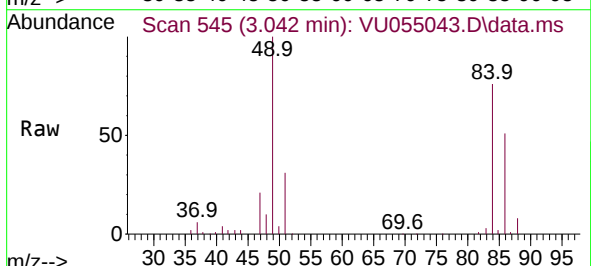
Instrument :
MSVOA_U
ClientSampleId :

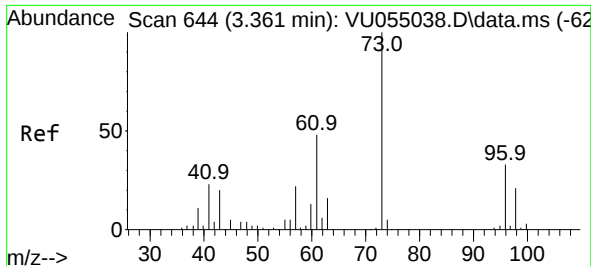
Tgt Ion: 43 Resp: 21097
Ion Ratio Lower Upper
43 100
74 21.3 18.4 27.6



#16
Methylene chloride
Concen: 4.774 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Tgt Ion: 84 Resp: 68759
Ion Ratio Lower Upper
84 100
86 66.7 43.4 80.6
49 131.1 87.7 162.9

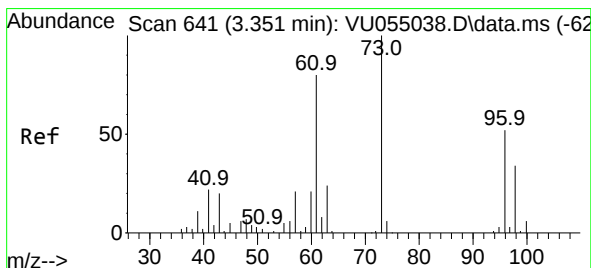
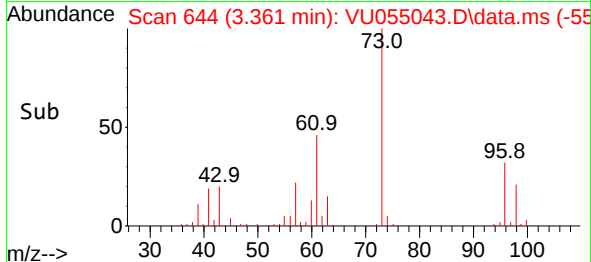
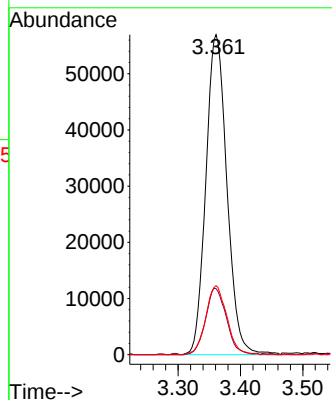
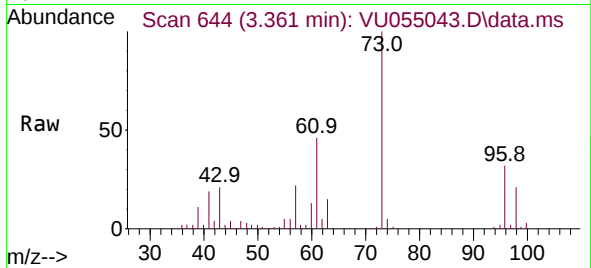




#17
Methyl tert-butyl Ether
Concen: 5.414 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

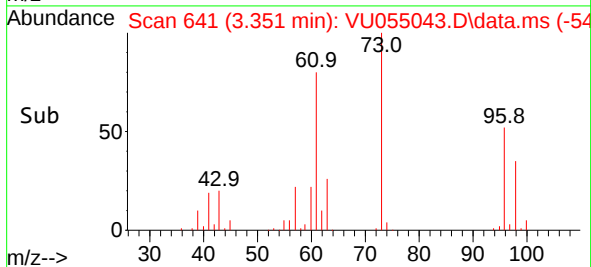
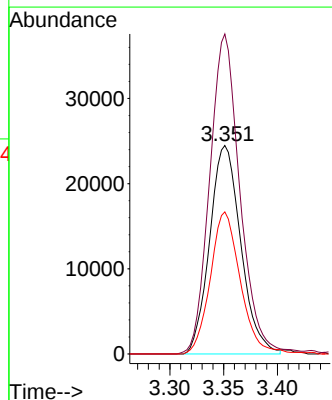
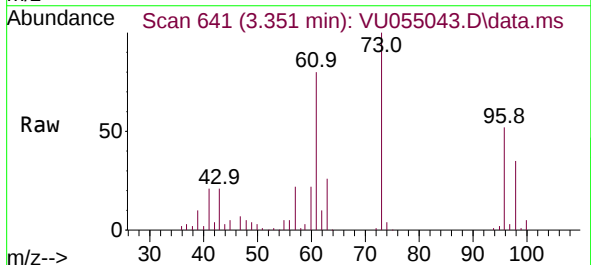
Instrument :
MSVOA_U
ClientSampleId :

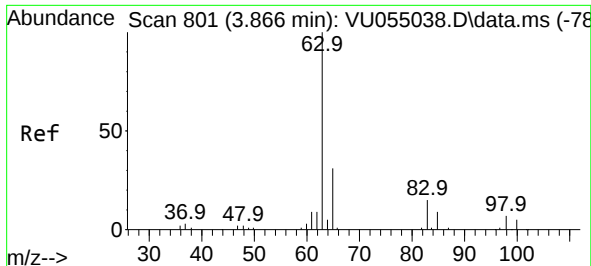
Tgt Ion: 73 Resp: 133840
Ion Ratio Lower Upper
73 100
43 20.6 16.2 24.2
57 21.6 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.157 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Tgt Ion: 96 Resp: 49326
Ion Ratio Lower Upper
96 100
61 153.4 108.1 200.9
98 68.1 45.4 84.4

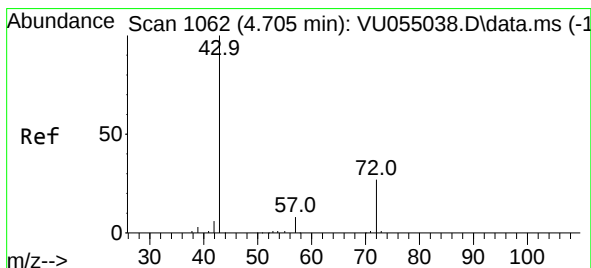
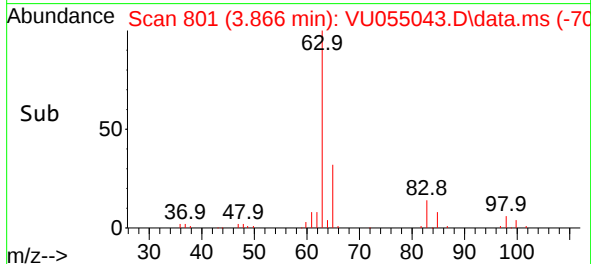
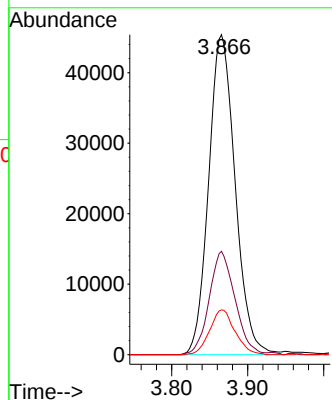
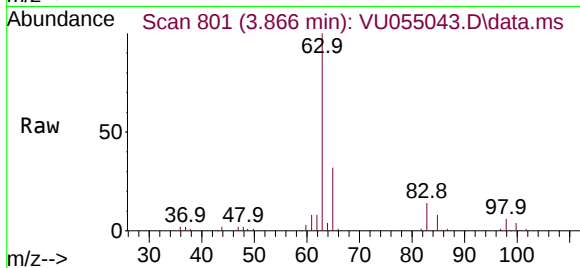




#19
1,1-Dichloroethane
Concen: 5.315 ug/L
RT: 3.866 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

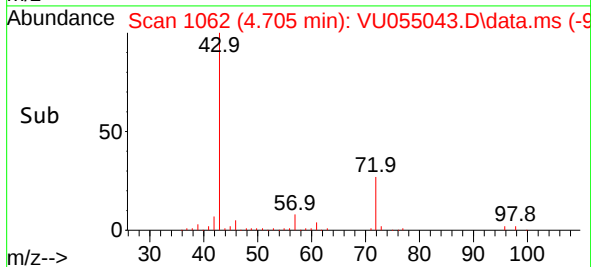
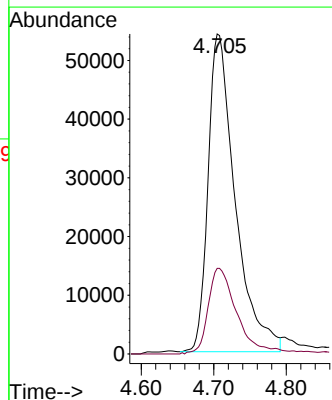
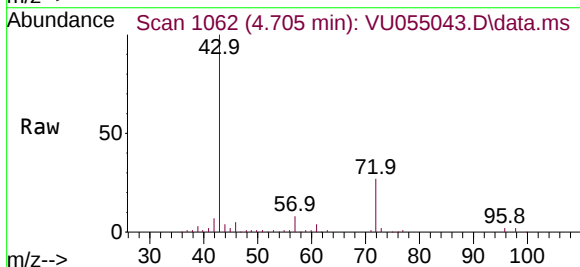
Instrument :
MSVOA_U
ClientSampleId :

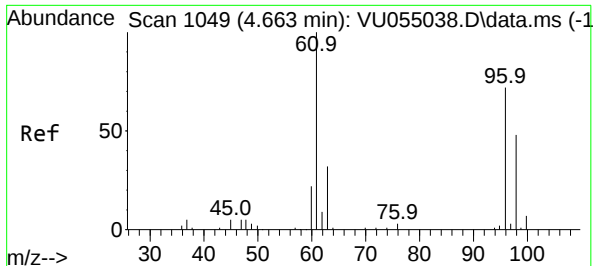
Tgt Ion: 63 Resp: 109861
Ion Ratio Lower Upper
63 100
65 32.3 22.2 41.2
83 14.0 10.6 19.8



#21
2-Butanone
Concen: 51.526 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Tgt Ion: 43 Resp: 140713
Ion Ratio Lower Upper
43 100
72 28.5 13.5 40.5





#22

cis-1,2-Dichloroethene

Concen: 5.142 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

Instrument :

MSVOA_U

ClientSampleId :

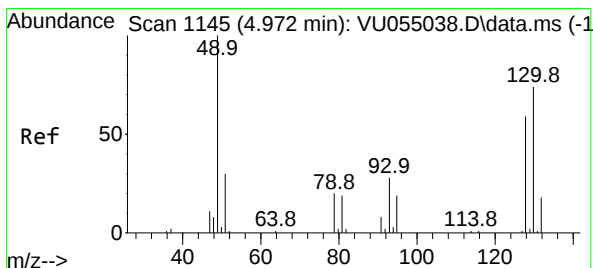
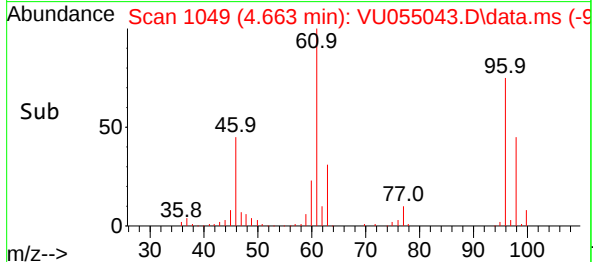
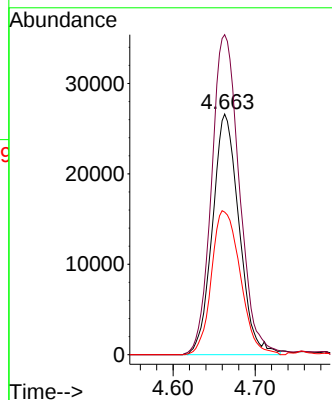
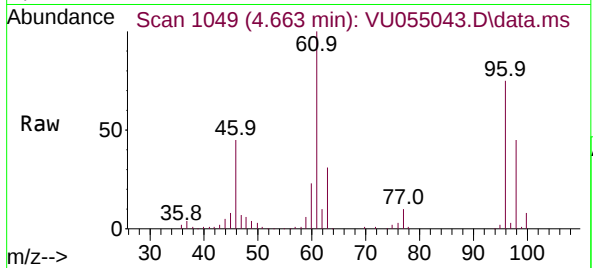
Tgt Ion: 96 Resp: 60200

Ion Ratio Lower Upper

96 100

61 133.0 97.2 180.4

98 59.2 46.1 85.7



#23

Bromochloromethane

Concen: 5.269 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

Tgt Ion:128 Resp: 25370

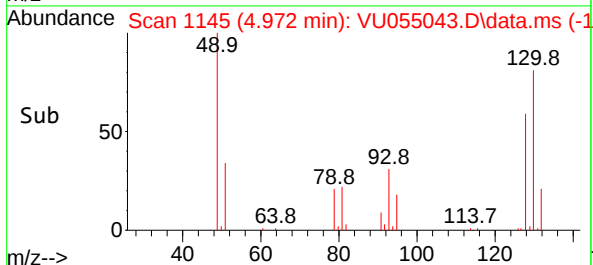
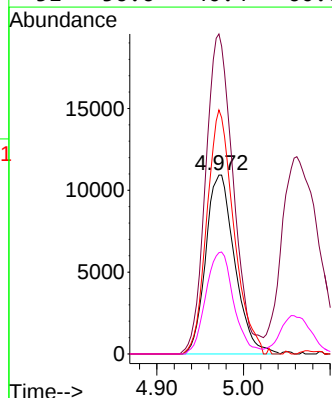
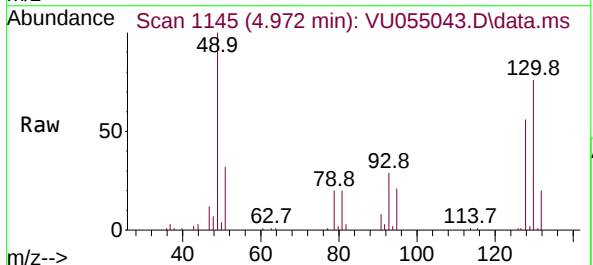
Ion Ratio Lower Upper

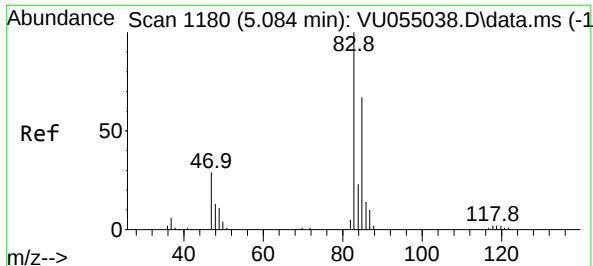
128 100

49 178.9 118.9 220.9

130 136.4 88.0 163.4

51 56.6 40.4 60.6





#25

Chloroform

Concen: 5.380 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

Instrument :

MSVOA_U

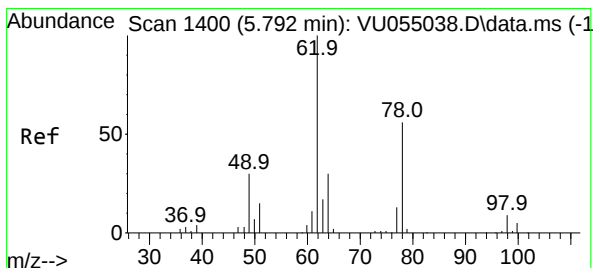
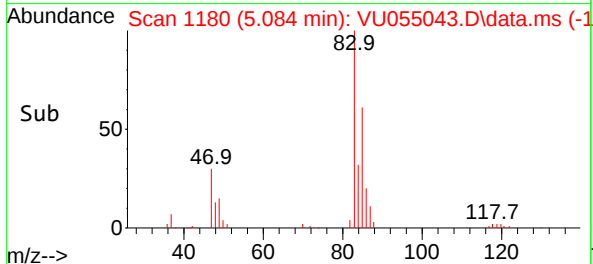
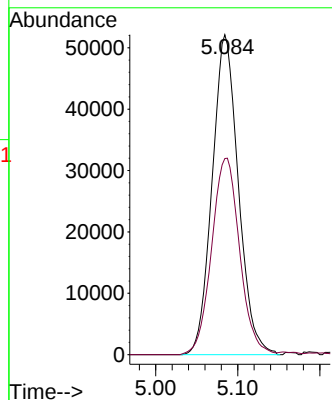
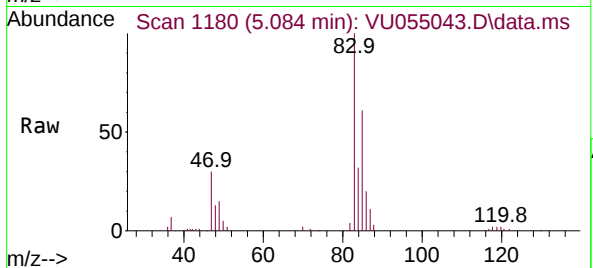
ClientSampleId :

Tgt Ion: 83 Resp: 115821

Ion Ratio Lower Upper

83 100

85 61.3 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.497 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055043.D

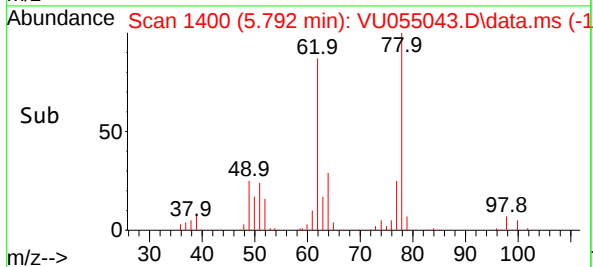
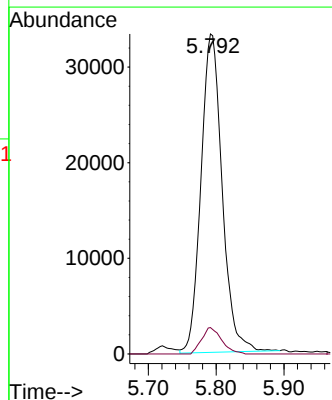
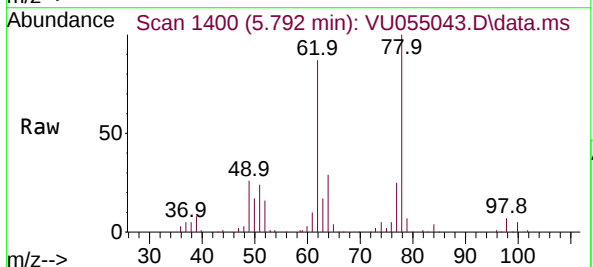
Acq: 01 Sep 2023 15:41

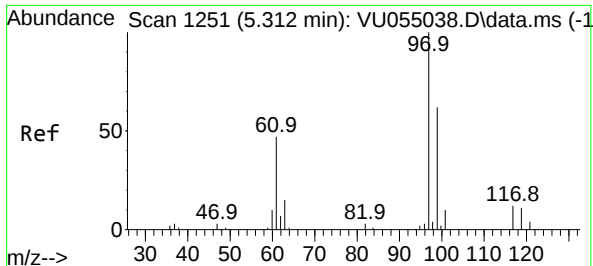
Tgt Ion: 62 Resp: 72232

Ion Ratio Lower Upper

62 100

98 8.3 6.9 10.3

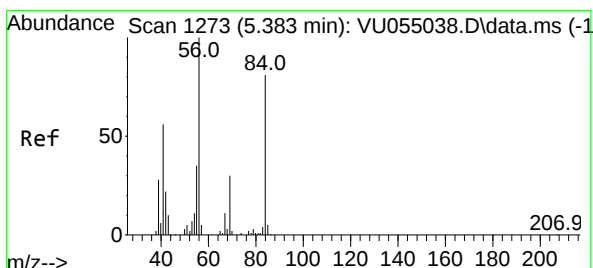
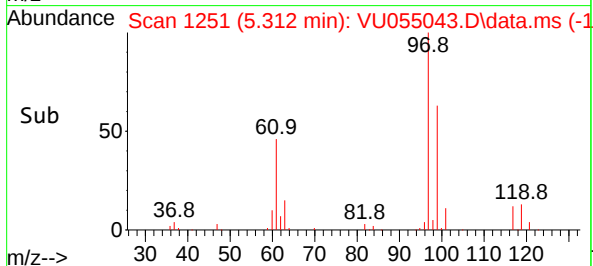
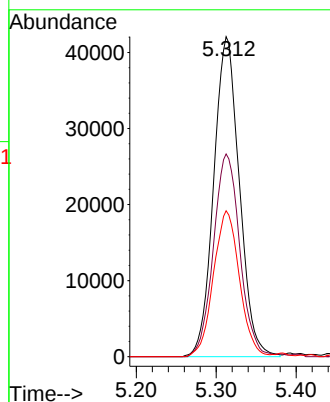
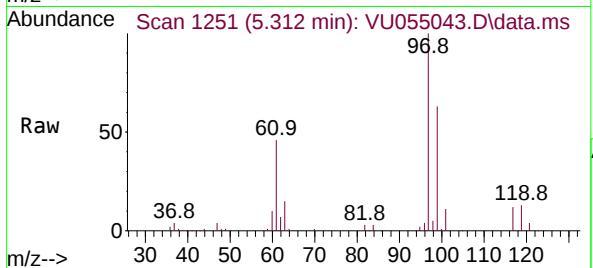




#29
1,1,1-Trichloroethane
Concen: 5.239 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

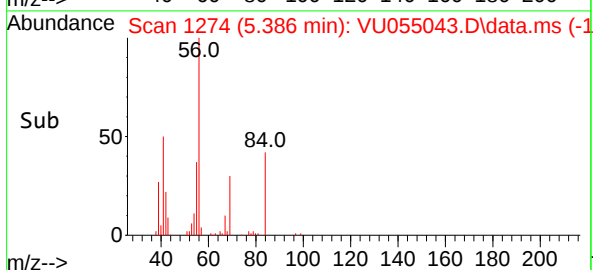
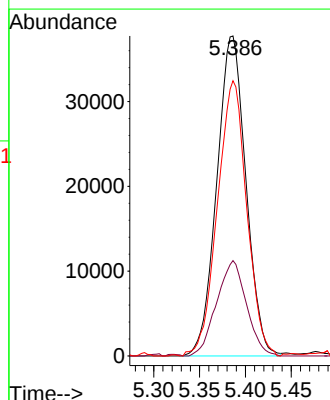
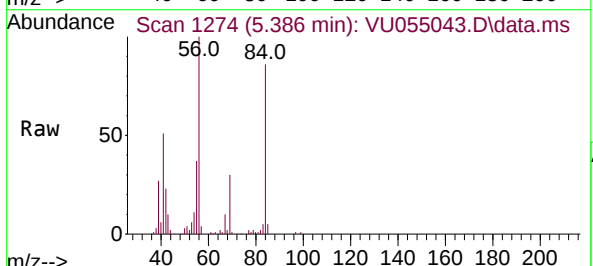
Instrument :
MSVOA_U
ClientSampleId :

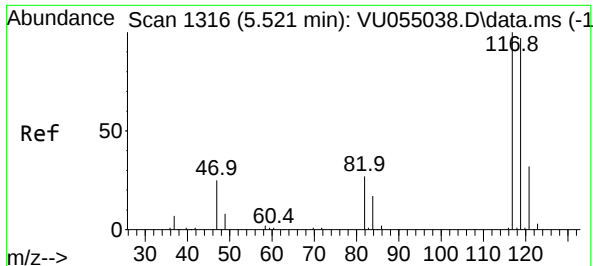
Tgt Ion: 97	Resp: 93689
Ion Ratio	Lower Upper
97 100	
99 65.1	51.8 77.8
61 46.2	36.8 55.2



#30
Cyclohexane
Concen: 5.243 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Tgt Ion: 56	Resp: 83377
Ion Ratio	Lower Upper
56 100	
69 30.5	24.6 37.0
84 86.5	68.8 103.2

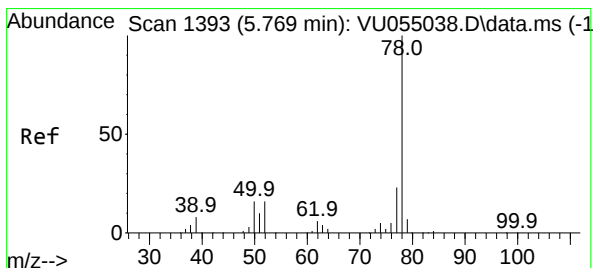
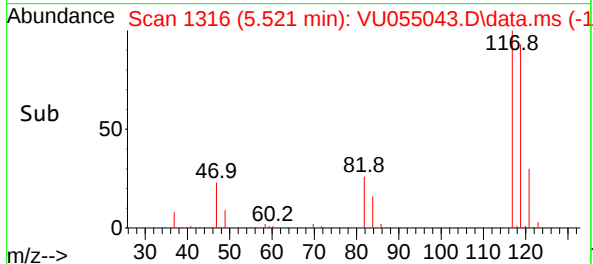
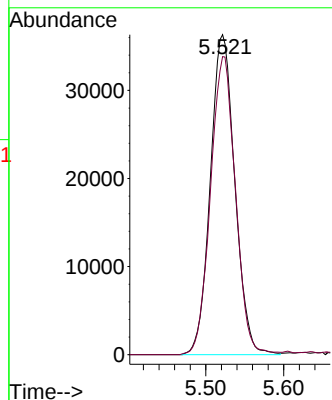
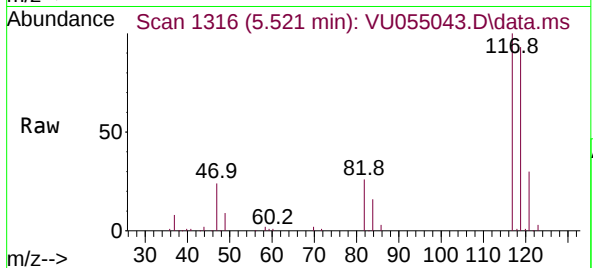




#31
Carbon tetrachloride
Concen: 5.343 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

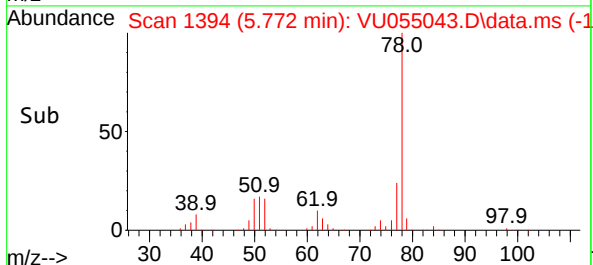
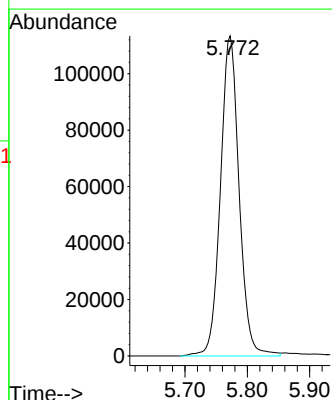
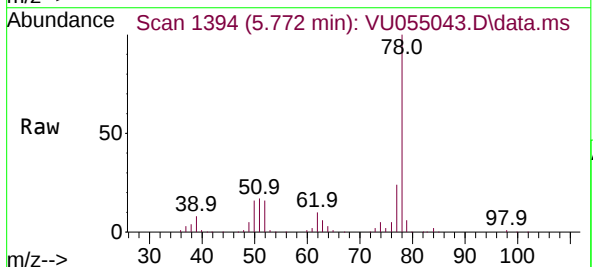
Instrument :
MSVOA_U
ClientSampleId :

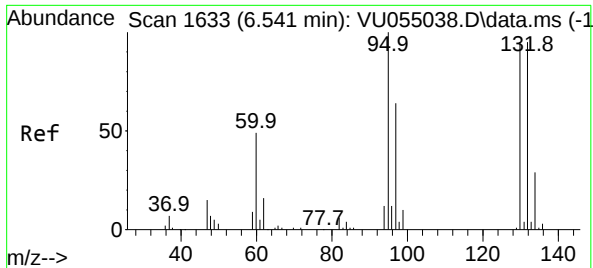
Tgt Ion:117 Resp: 79443
Ion Ratio Lower Upper
117 100
119 94.8 75.4 113.0



#33
Benzene
Concen: 5.359 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

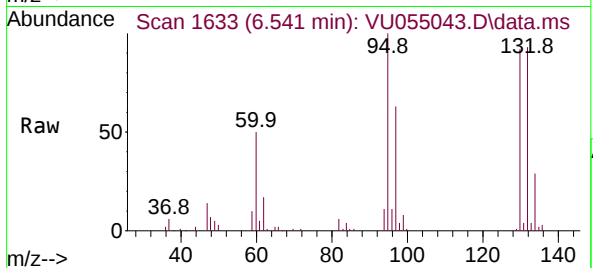
Tgt Ion: 78 Resp: 235807





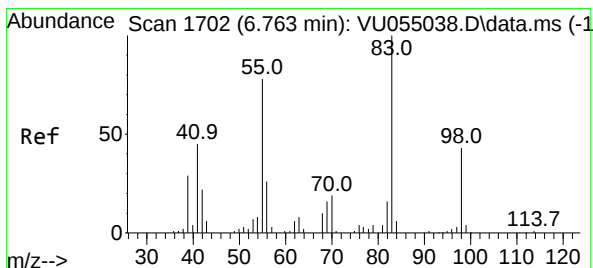
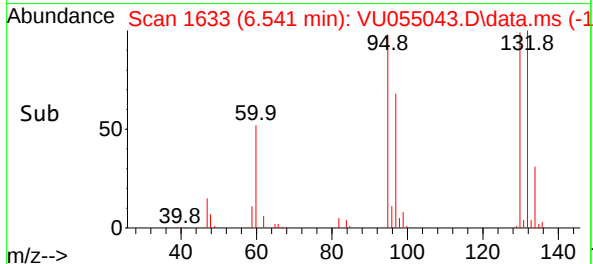
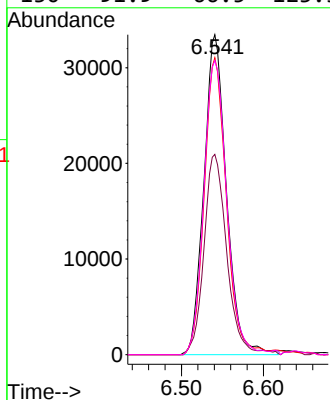
#34
Trichloroethene
Concen: 5.229 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 63943

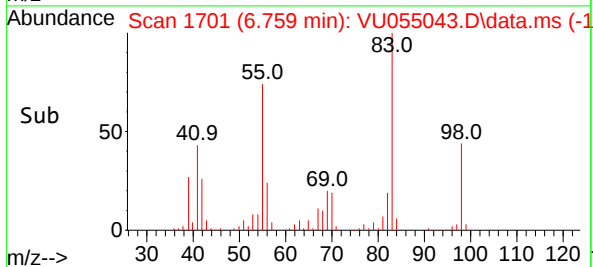
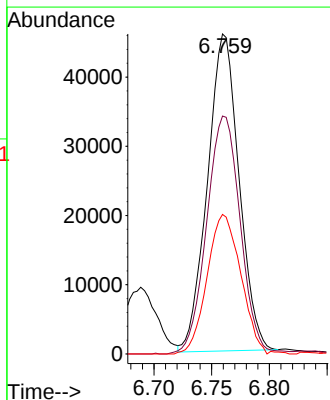
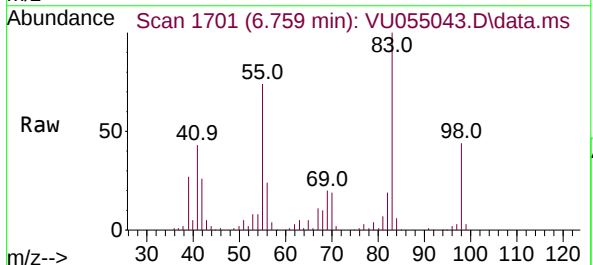
Ion	Ratio	Lower	Upper
95	100		
97	62.6	44.7	83.1
132	92.8	66.6	123.6
130	91.9	66.5	123.5

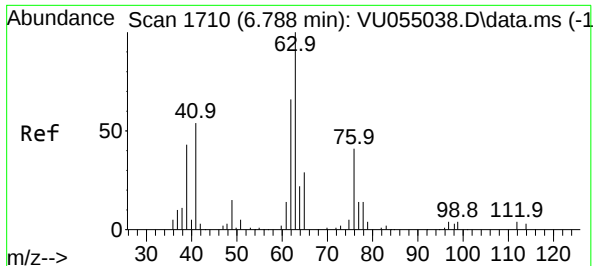


#35
Methylcyclohexane
Concen: 5.084 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Tgt Ion: 83 Resp: 87224

Ion	Ratio	Lower	Upper
83	100		
55	79.9	60.4	90.6
98	46.9	35.3	52.9

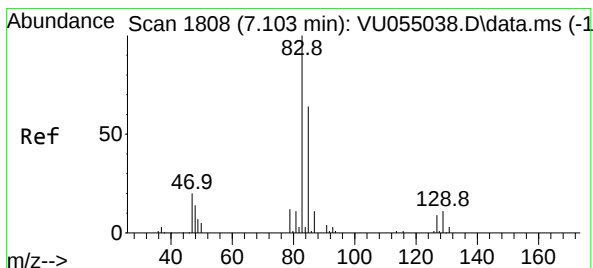
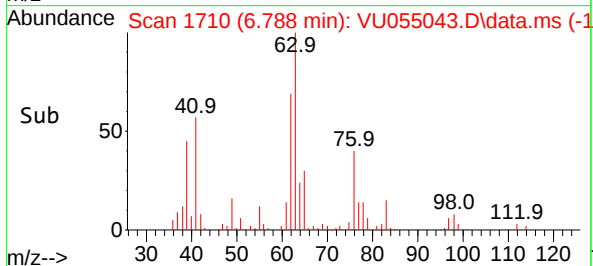
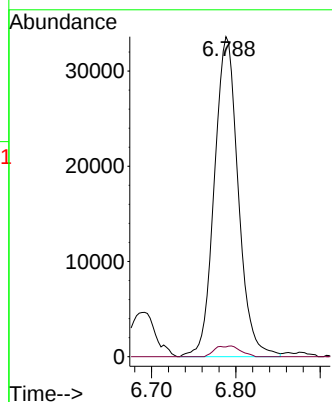
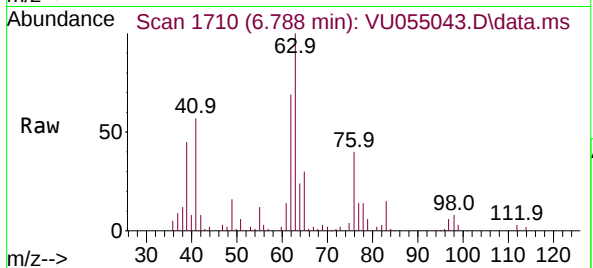




#37
1,2-Dichloropropane
Concen: 5.530 ug/L
RT: 6.788 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

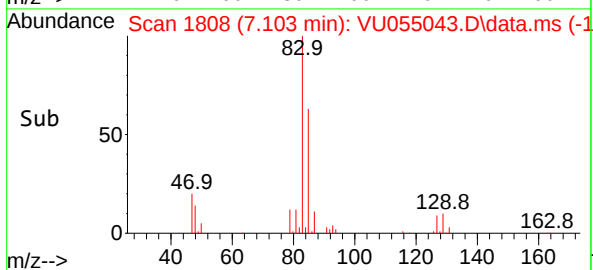
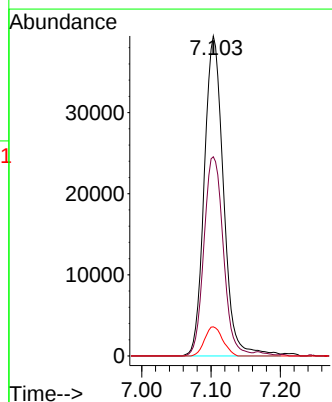
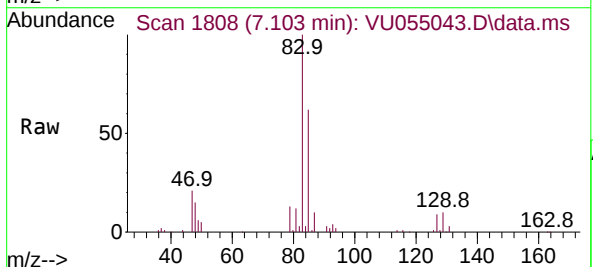
Instrument :
MSVOA_U
ClientSampleId :

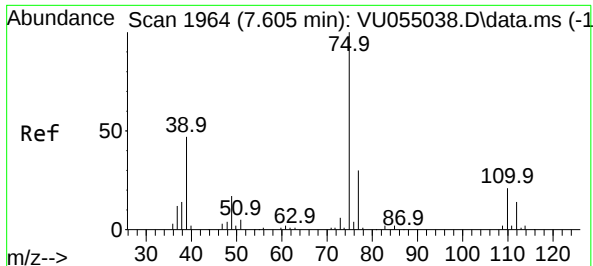
Tgt Ion: 63 Resp: 66245
Ion Ratio Lower Upper
63 100
112 1.4 3.2 4.8#



#38
Bromodichloromethane
Concen: 5.318 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Tgt Ion: 83 Resp: 76059
Ion Ratio Lower Upper
83 100
85 62.2 44.9 83.5
127 9.1 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 5.260 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

Instrument :

MSVOA_U

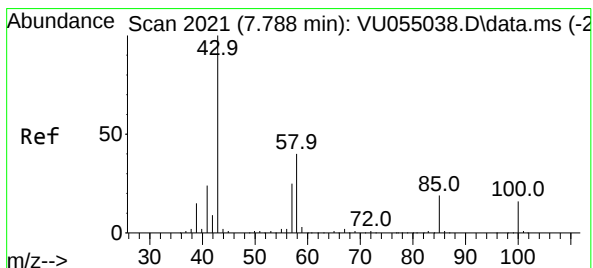
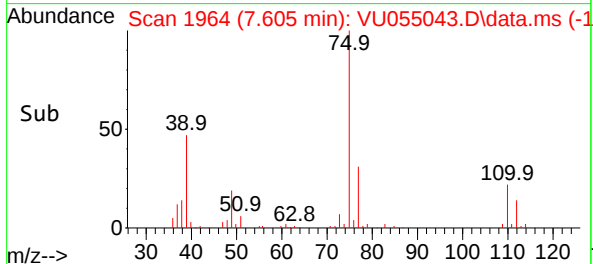
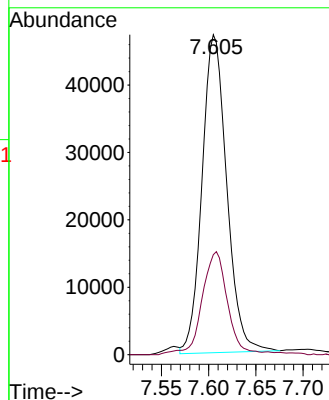
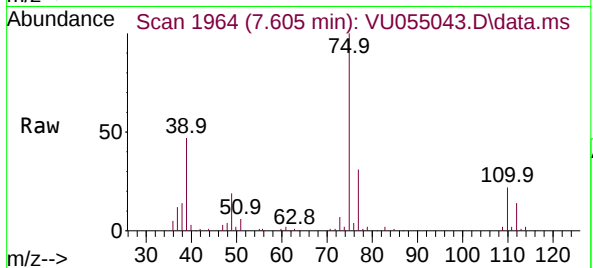
ClientSampleId :

Tgt Ion: 75 Resp: 85699

Ion Ratio Lower Upper

75 100

77 31.3 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 52.570 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

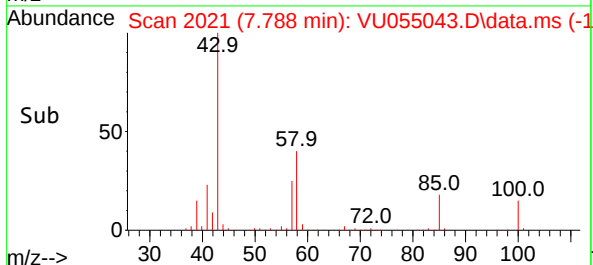
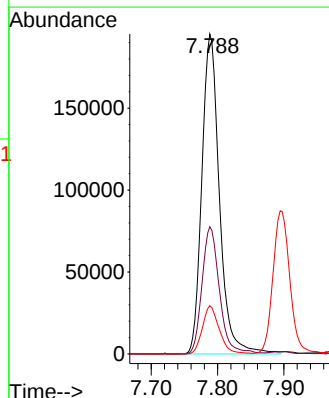
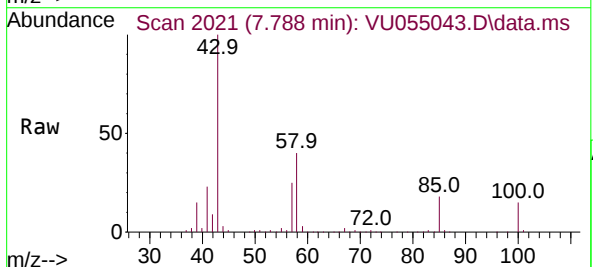
Tgt Ion: 43 Resp: 359204

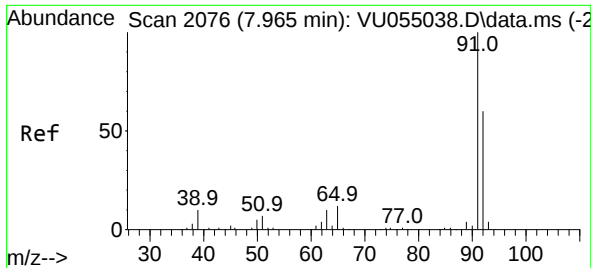
Ion Ratio Lower Upper

43 100

58 39.5 31.5 47.3

100 14.5 11.8 17.8





#42

Toluene

Concen: 5.320 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

Instrument :

MSVOA_U

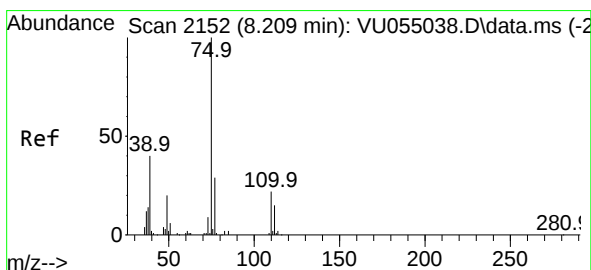
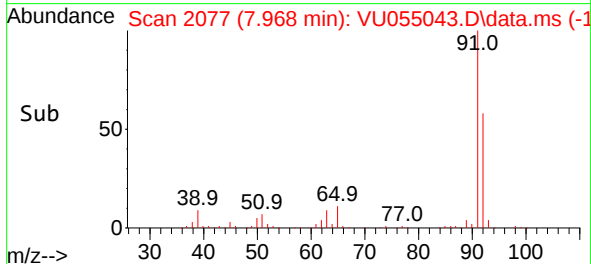
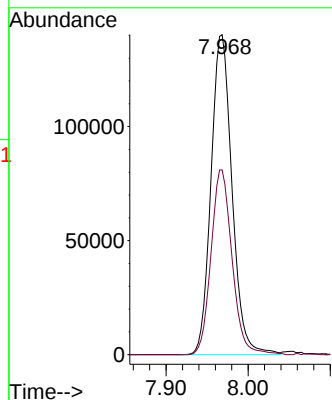
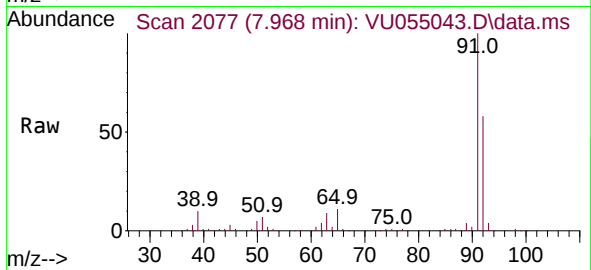
ClientSampleId :

Tgt Ion: 91 Resp: 249528

Ion Ratio Lower Upper

91 100

92 57.7 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 5.530 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU055043.D

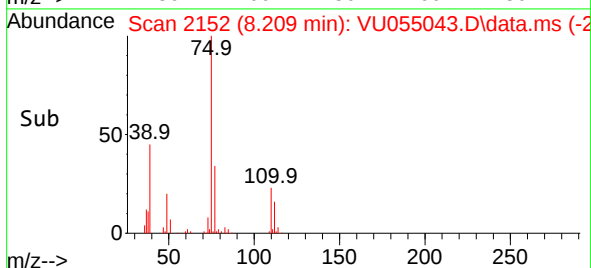
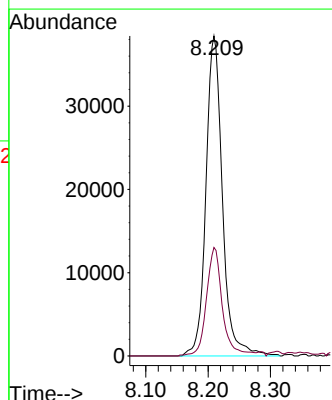
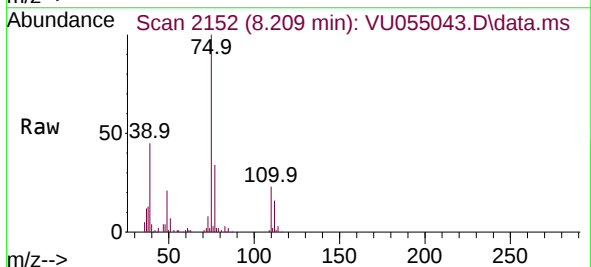
Acq: 01 Sep 2023 15:41

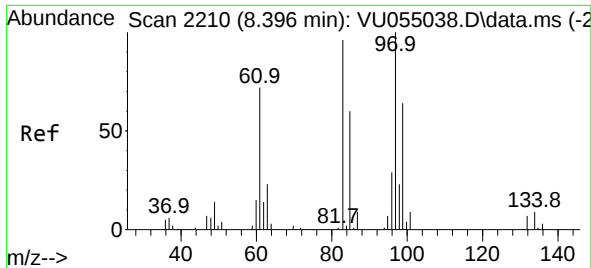
Tgt Ion: 75 Resp: 70714

Ion Ratio Lower Upper

75 100

77 33.9 20.5 38.1

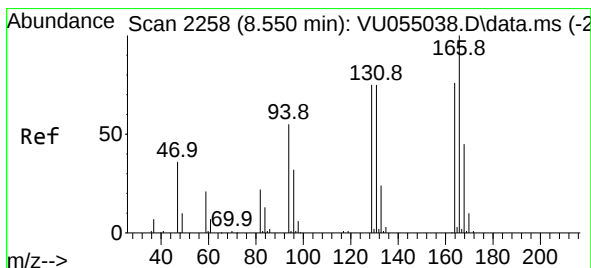
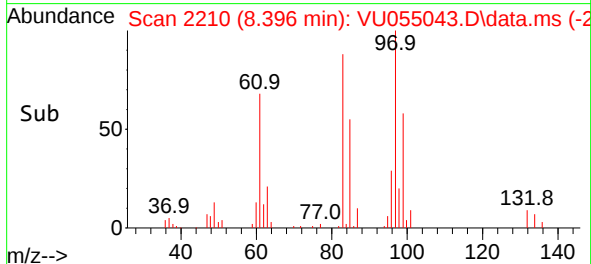
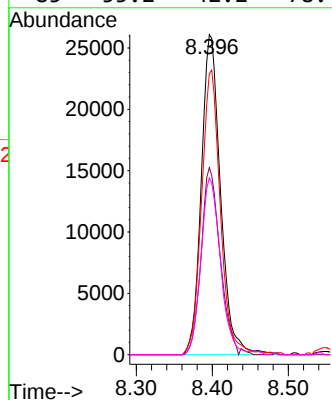
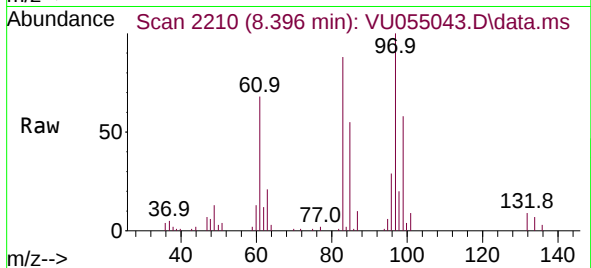




#45
1,1,2-Trichloroethane
Concen: 5.688 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

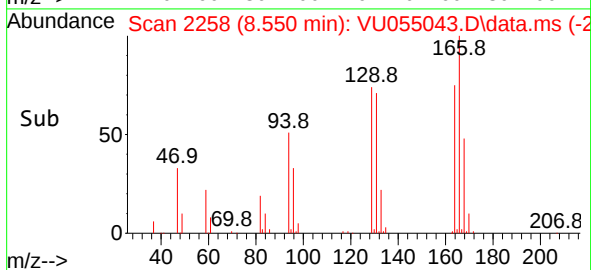
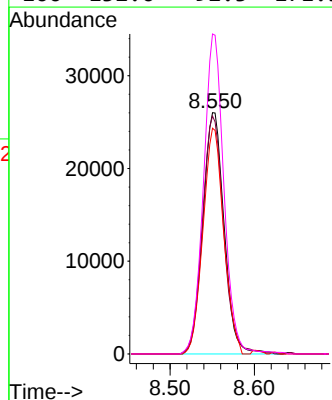
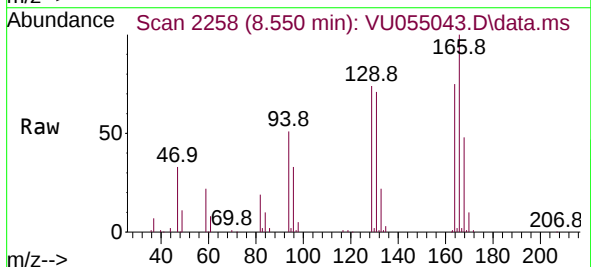
Instrument :
MSVOA_U
ClientSampleId :

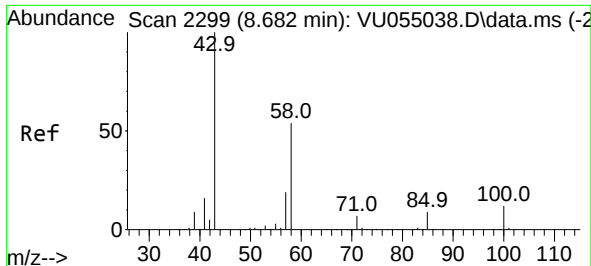
Tgt Ion:	97	Resp:	45892
Ion	Ratio	Lower	Upper
97	100		
99	58.4	44.9	83.5
83	87.8	66.9	124.3
85	55.2	42.2	78.4



#47
Tetrachloroethene
Concen: 5.402 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

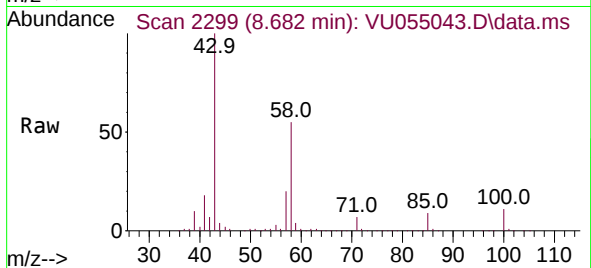
Tgt Ion:	164	Resp:	45658
Ion	Ratio	Lower	Upper
164	100		
129	98.6	69.2	128.6
131	93.5	68.8	127.8
166	132.6	92.3	171.5





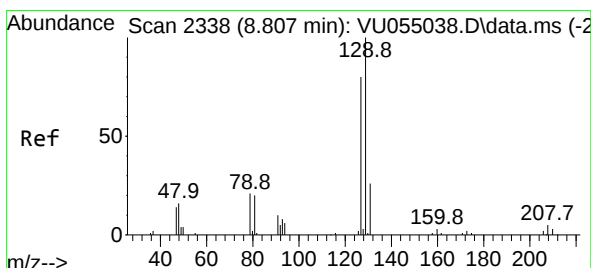
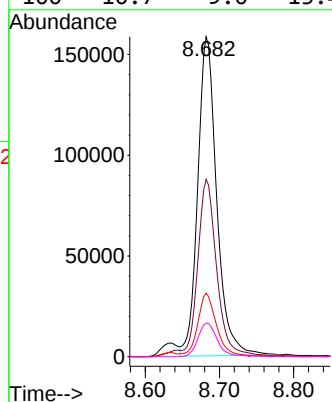
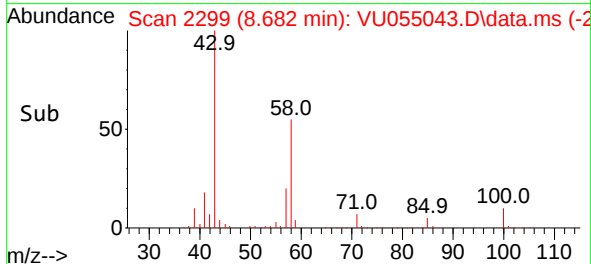
#48
2-Hexanone
Concen: 52.789 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 282532

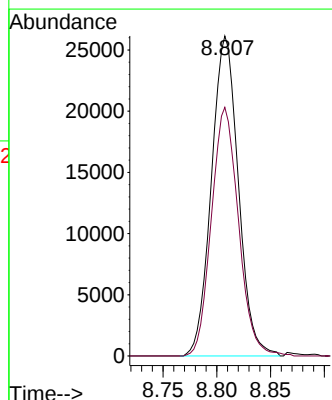
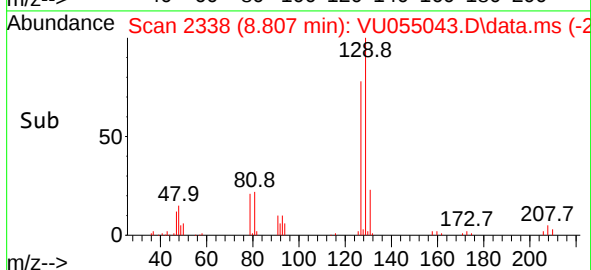
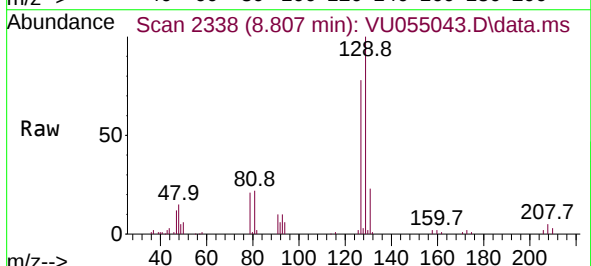
Ion	Ratio	Lower	Upper
43	100		
58	56.9	44.0	66.0
57	19.3	16.2	24.2
100	10.7	9.0	13.4

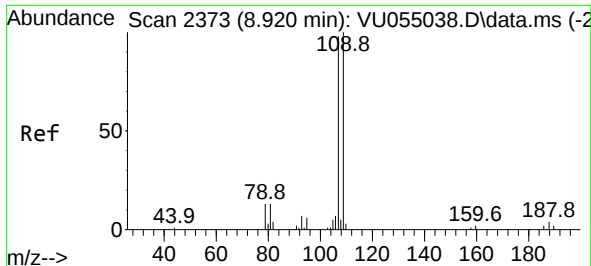


#49
Dibromochloromethane
Concen: 5.177 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Tgt Ion: 129 Resp: 45599

Ion	Ratio	Lower	Upper
129	100		
127	77.7	55.9	103.7

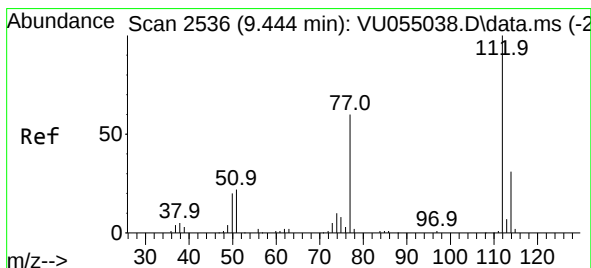
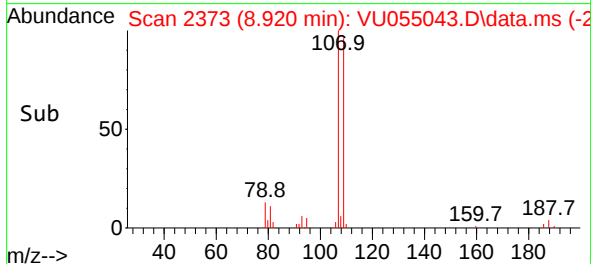
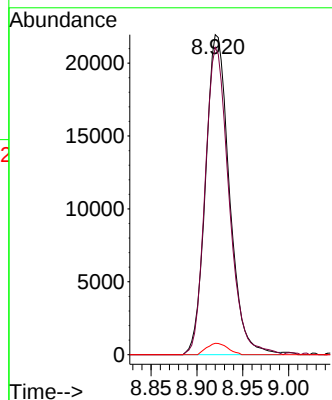
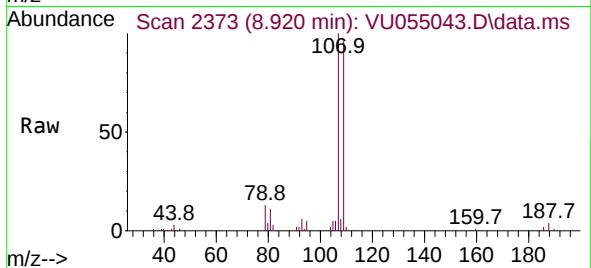




#50
1,2-Dibromoethane
Concen: 5.397 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

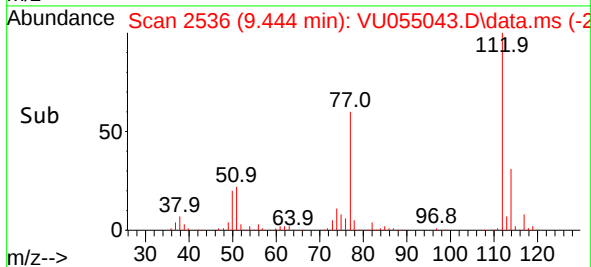
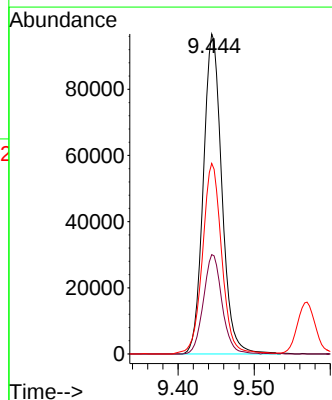
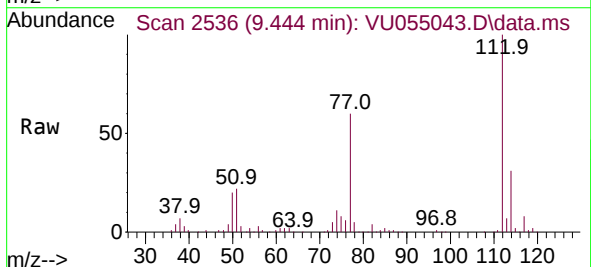
Instrument :
MSVOA_U
ClientSampleId :

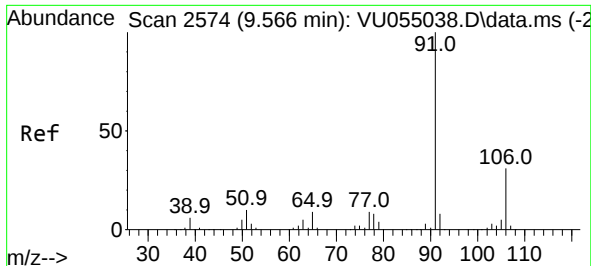
Tgt Ion:107 Resp: 39655
Ion Ratio Lower Upper
107 100
109 96.0 71.4 132.6
188 3.6 3.1 4.7



#51
Chlorobenzene
Concen: 5.271 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Tgt Ion:112 Resp: 163759
Ion Ratio Lower Upper
112 100
114 31.1 21.7 40.3
77 59.6 48.6 72.8





#52

Ethylbenzene

Concen: 5.374 ug/L

RT: 9.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

Instrument :

MSVOA_U

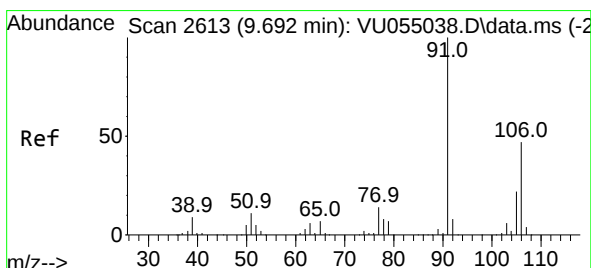
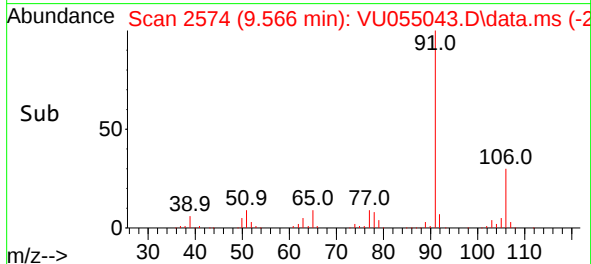
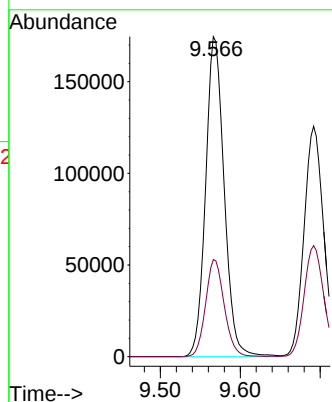
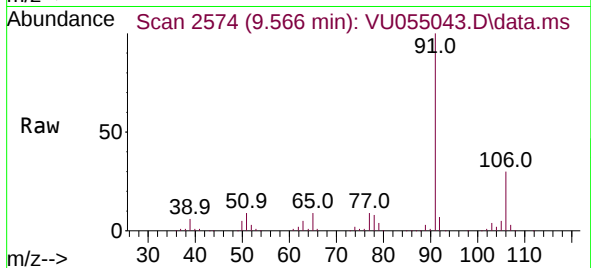
ClientSampleId :

Tgt Ion: 91 Resp: 282013

Ion Ratio Lower Upper

91 100

106 30.3 21.5 39.9



#53

m,p-Xylene

Concen: 5.364 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. -0.000 min

Lab File: VU055043.D

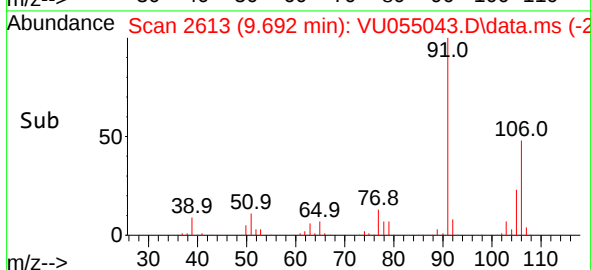
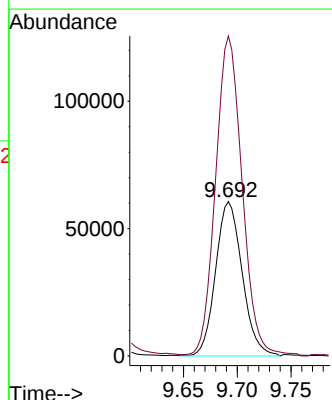
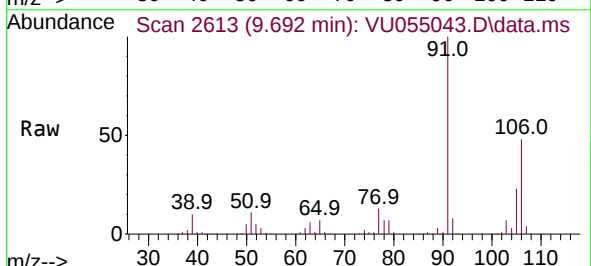
Acq: 01 Sep 2023 15:41

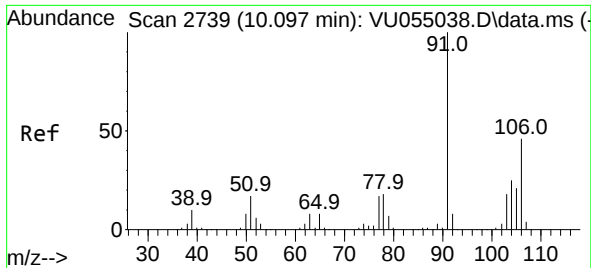
Tgt Ion:106 Resp: 104164

Ion Ratio Lower Upper

106 100

91 207.3 148.3 275.5

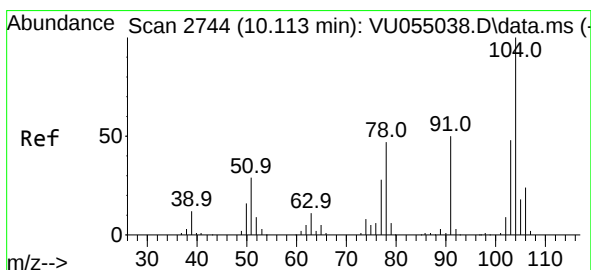
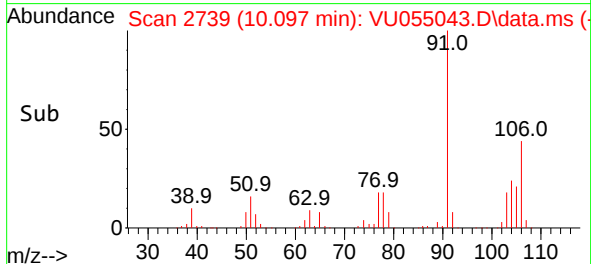
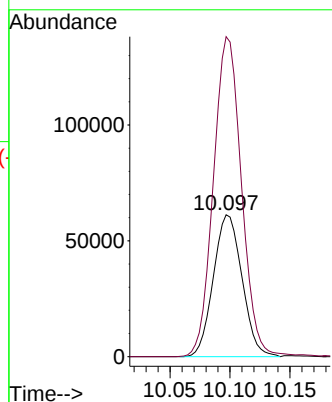
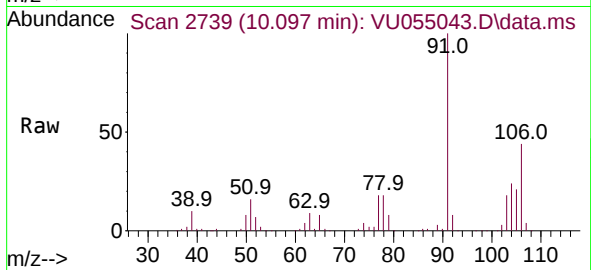




#54
o-Xylene
Concen: 5.321 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

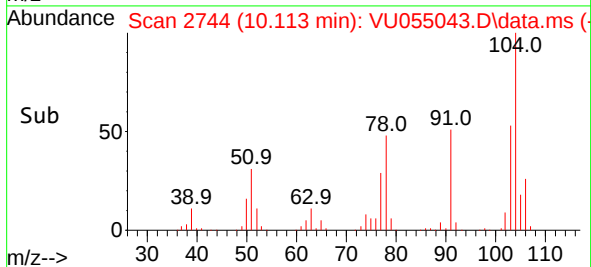
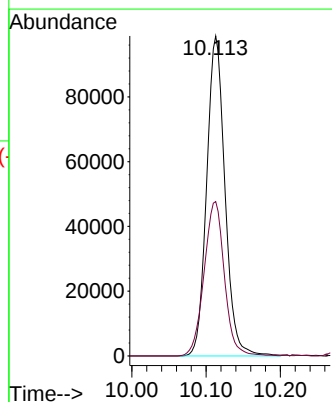
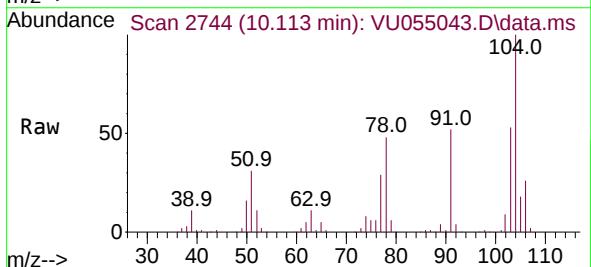
Instrument :
MSVOA_U
ClientSampleId :

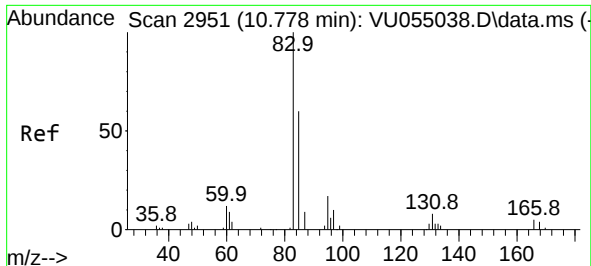
Tgt Ion:106 Resp: 101680
Ion Ratio Lower Upper
106 100
91 225.6 152.9 284.1



#55
Styrene
Concen: 5.353 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Tgt Ion:104 Resp: 168906
Ion Ratio Lower Upper
104 100
78 48.2 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.393 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

Instrument :

MSVOA_U

ClientSampleId :

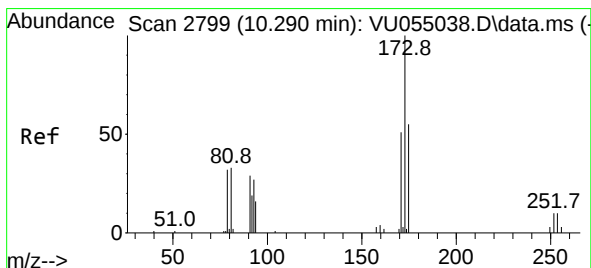
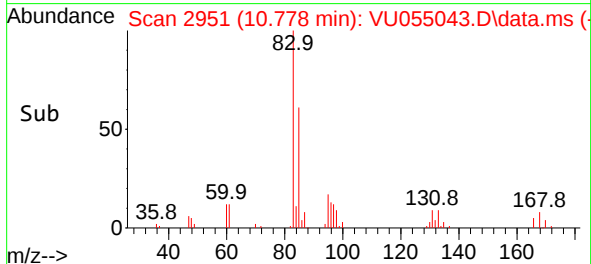
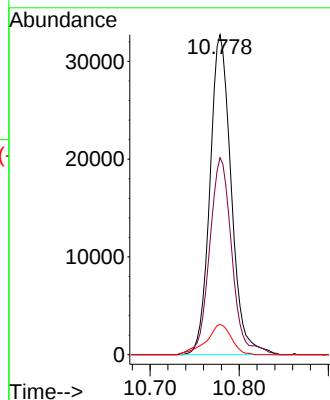
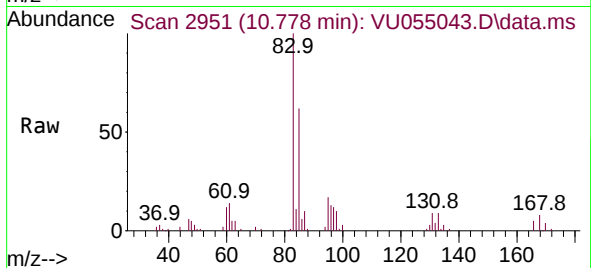
Tgt Ion: 83 Resp: 54199

Ion Ratio Lower Upper

83 100

85 61.6 42.4 78.6

131 9.5 7.6 11.4



#59

Bromoform

Concen: 5.154 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. -0.000 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

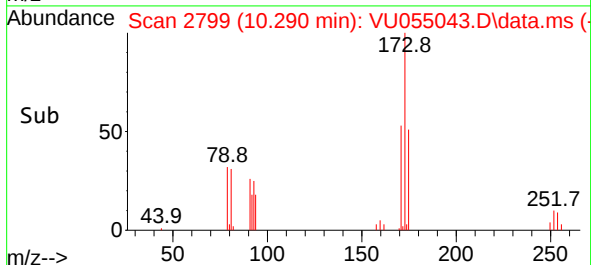
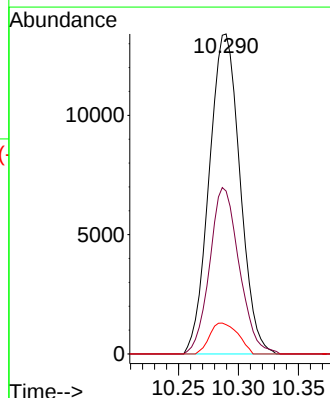
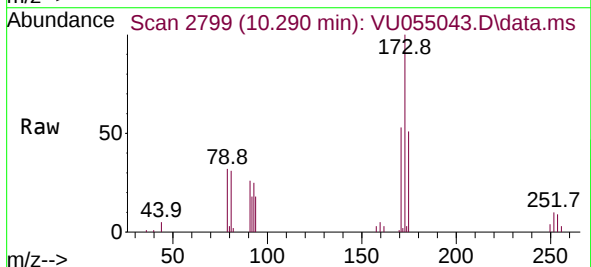
Tgt Ion: 173 Resp: 23910

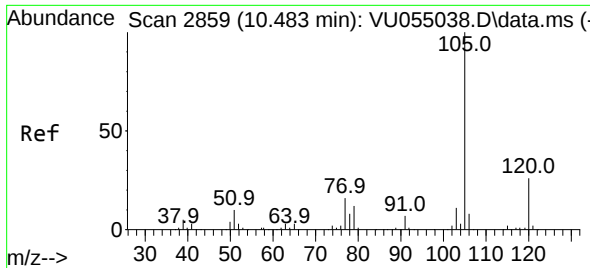
Ion Ratio Lower Upper

173 100

175 49.9 40.9 61.3

254 8.9 7.0 10.4

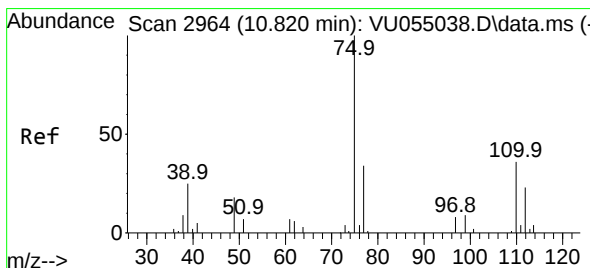
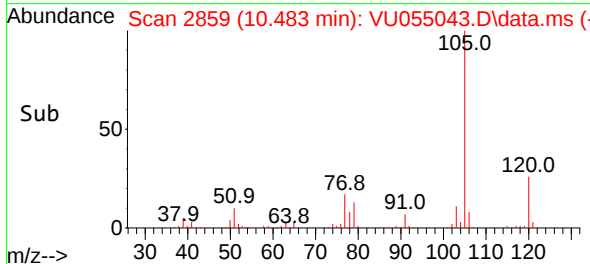
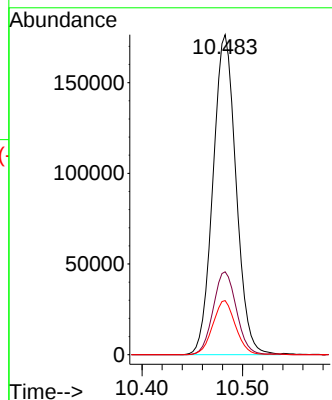
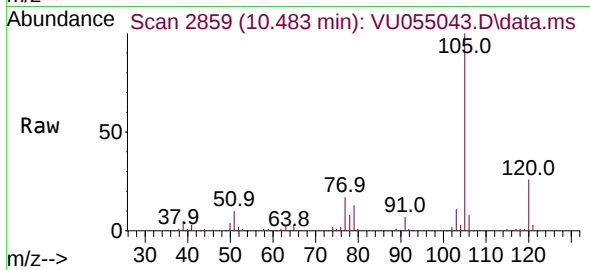




#60
Isopropylbenzene
Concen: 5.195 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

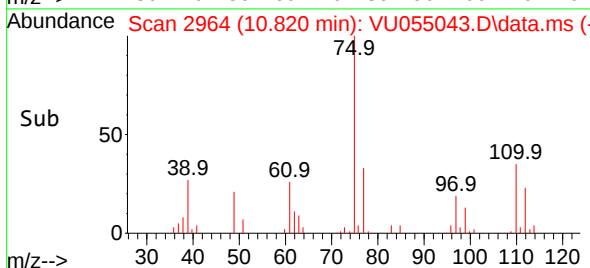
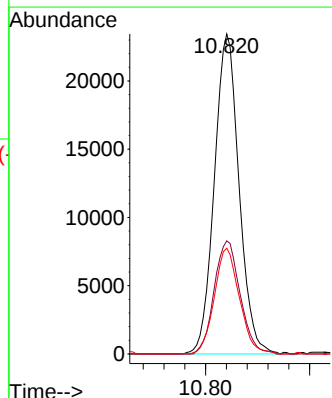
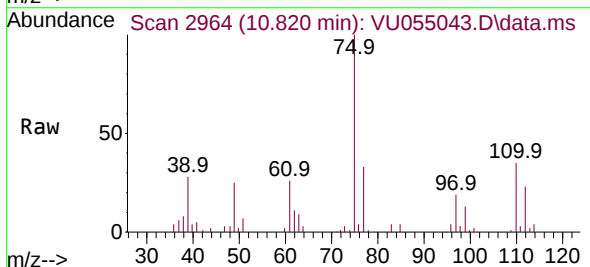
Instrument :
MSVOA_U
ClientSampleId :

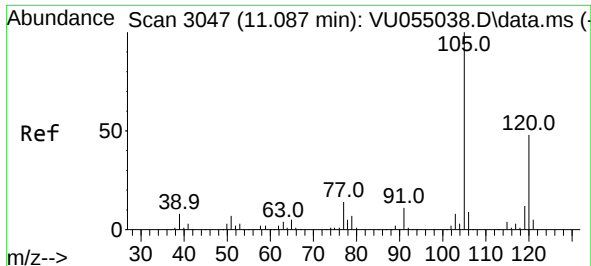
Tgt Ion:105 Resp: 281306
Ion Ratio Lower Upper
105 100
120 26.2 20.1 30.1
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.014 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

Tgt Ion: 75 Resp: 38638
Ion Ratio Lower Upper
75 100
110 37.2 28.2 42.2
77 33.5 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 5.245 ug/L

RT: 11.084 min Scan# 3047

Delta R.T. -0.003 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

Instrument :

MSVOA_U

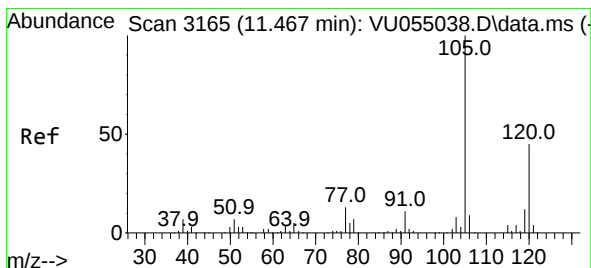
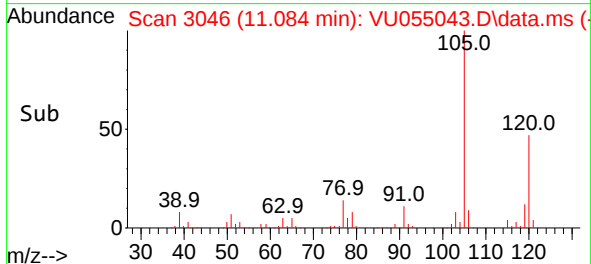
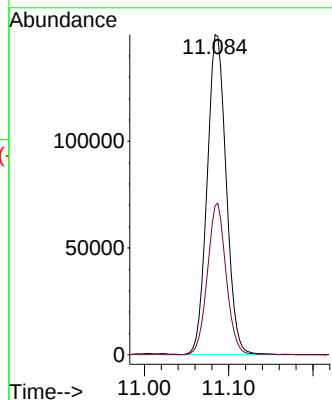
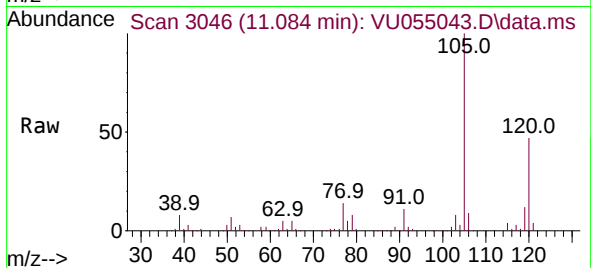
ClientSampleId :

Tgt Ion:105 Resp: 236262

Ion Ratio Lower Upper

105 100

120 46.3 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 5.145 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VU055043.D

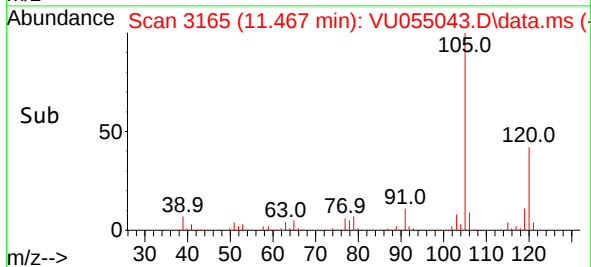
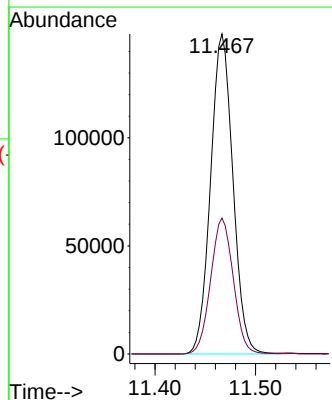
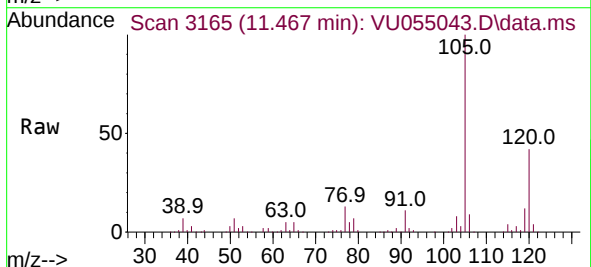
Acq: 01 Sep 2023 15:41

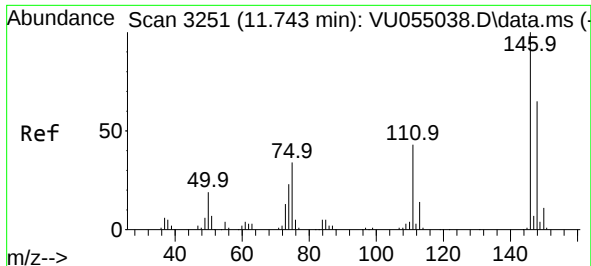
Tgt Ion:105 Resp: 228385

Ion Ratio Lower Upper

105 100

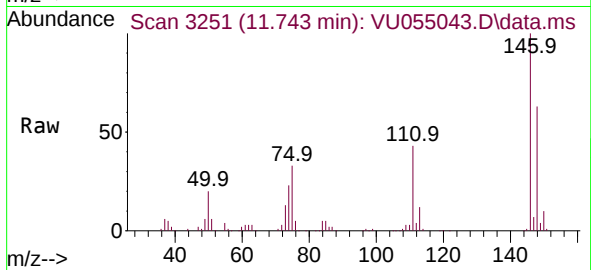
120 43.0 35.4 53.0



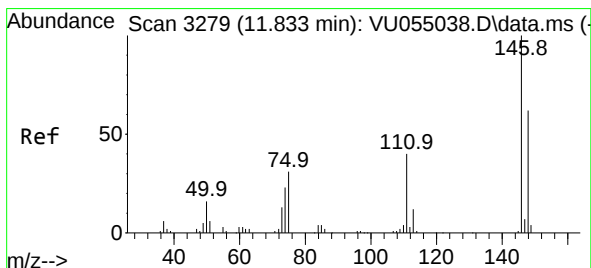
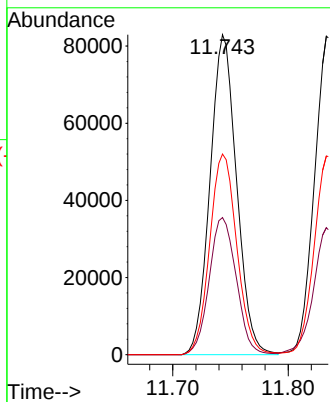
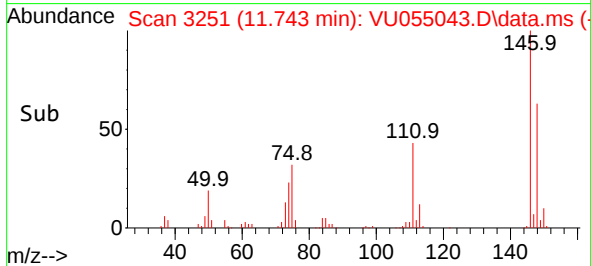


#64
1,3-Dichlorobenzene
Concen: 5.095 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41

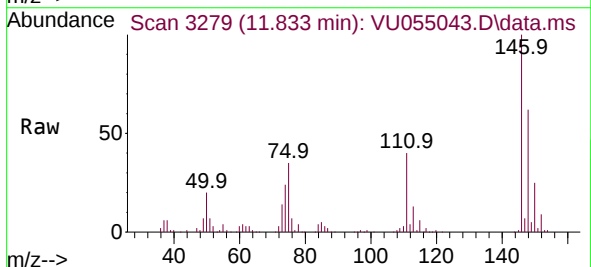
Instrument :
MSVOA_U
ClientSampleId :



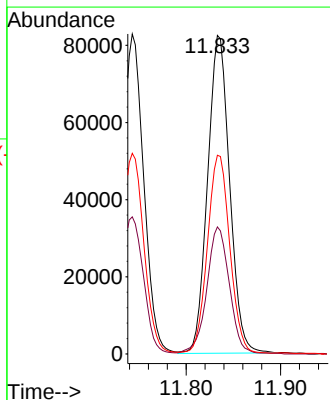
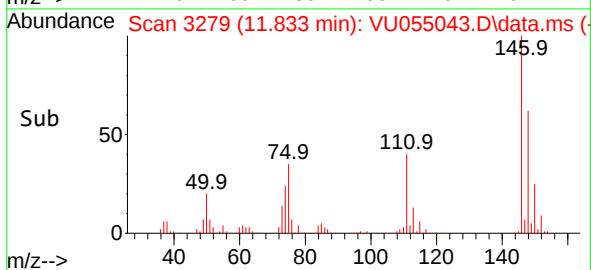
Tgt Ion:146 Resp: 132433
Ion Ratio Lower Upper
146 100
111 42.9 30.0 55.6
148 62.7 45.2 84.0

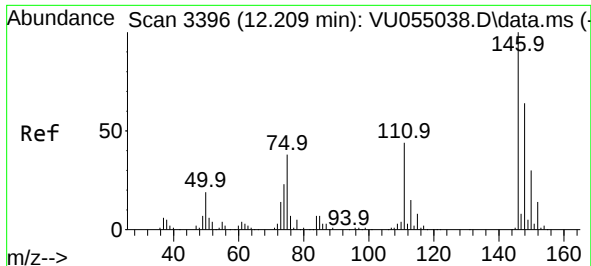


#65
1,4-Dichlorobenzene
Concen: 5.145 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055043.D
Acq: 01 Sep 2023 15:41



Tgt Ion:146 Resp: 133295
Ion Ratio Lower Upper
146 100
111 39.9 28.1 52.1
148 62.4 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 5.034 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. -0.000 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

Instrument :

MSVOA_U

ClientSampleId :

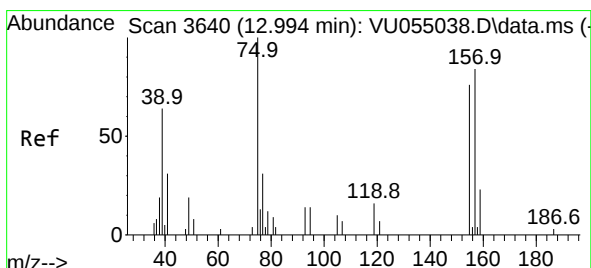
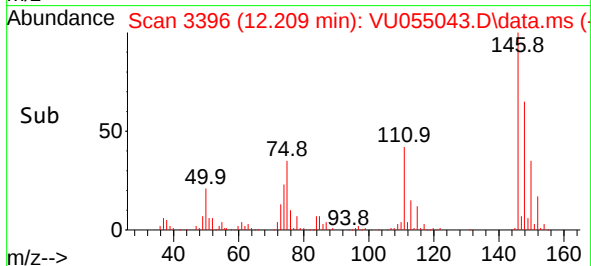
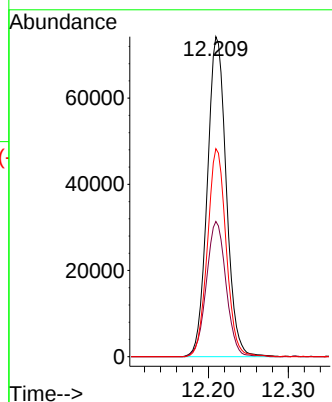
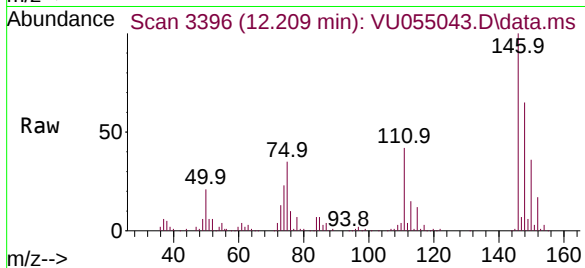
Tgt Ion:146 Resp: 122683

Ion Ratio Lower Upper

146 100

111 42.3 35.6 53.4

148 65.0 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.417 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

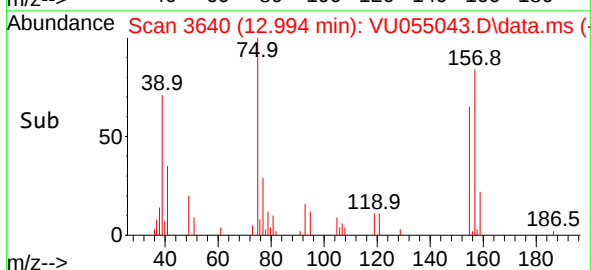
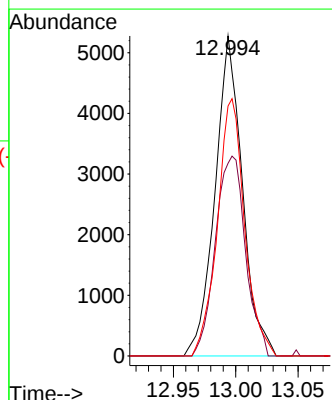
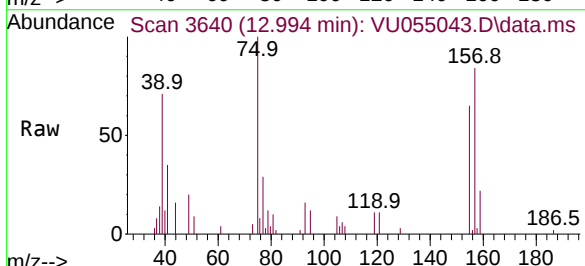
Tgt Ion: 75 Resp: 8042

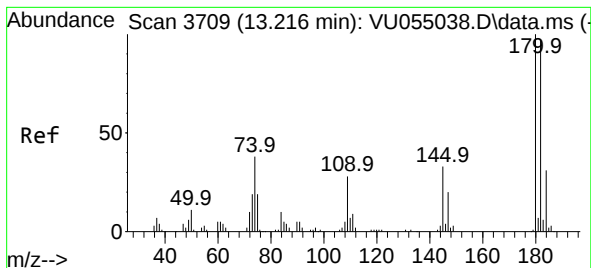
Ion Ratio Lower Upper

75 100

155 60.2 61.1 91.7#

157 78.1 66.8 100.2





#69

1,3,5-Trichlorobenzene

Concen: 4.921 ug/L

RT: 13.219 min Scan# 3709

Delta R.T. 0.003 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 96671

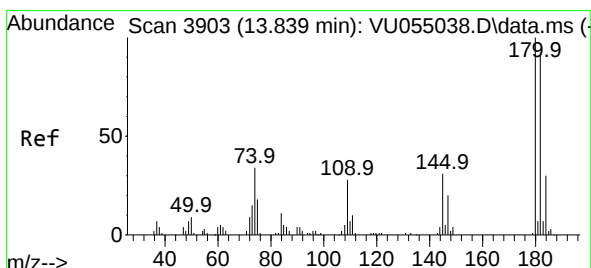
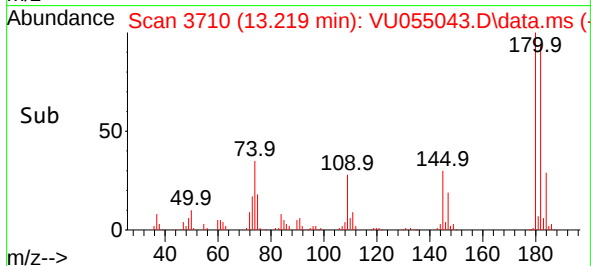
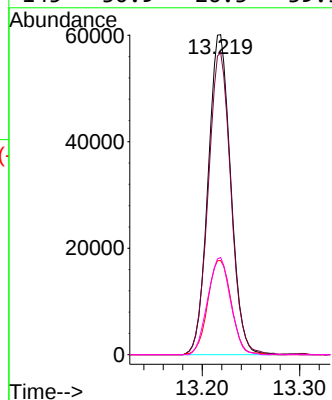
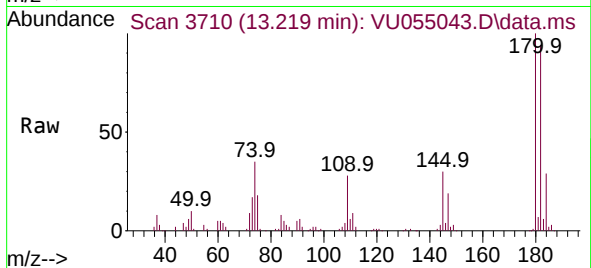
Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.6

184 30.6 24.0 36.0

145 30.9 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 4.445 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. -0.000 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

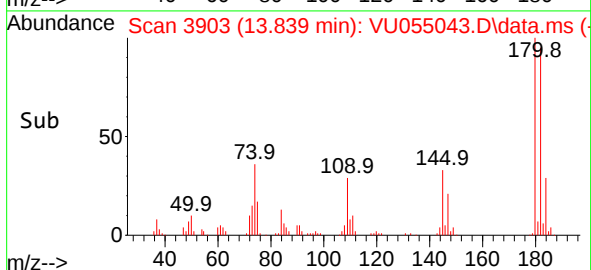
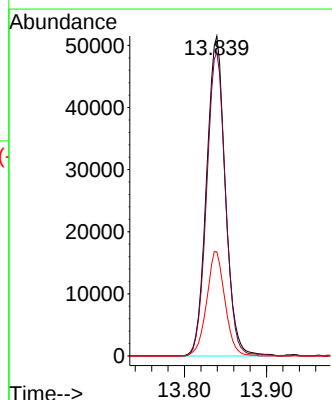
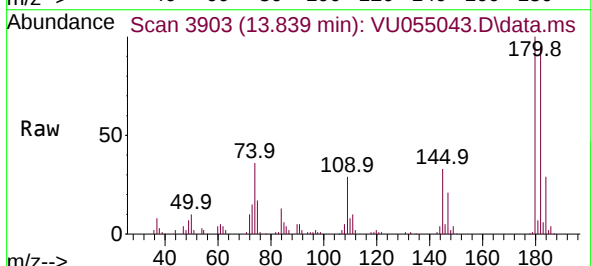
Tgt Ion:180 Resp: 81876

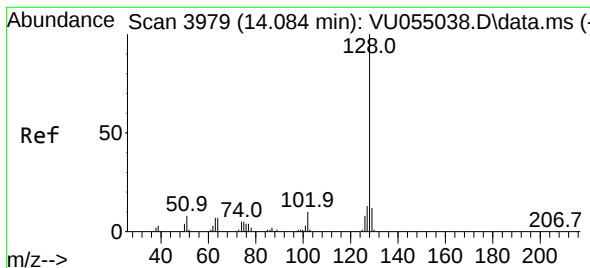
Ion Ratio Lower Upper

180 100

182 94.9 73.6 110.4

145 31.8 25.8 38.8





#71

Naphthalene

Concen: 4.380 ug/L

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

Instrument :

MSVOA_U

ClientSampleId :

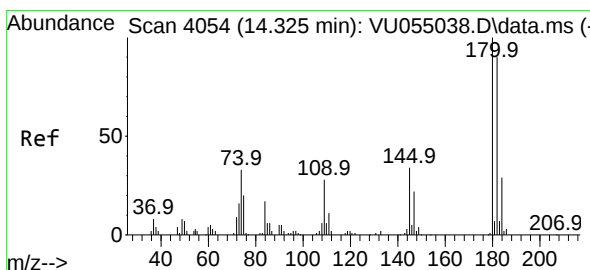
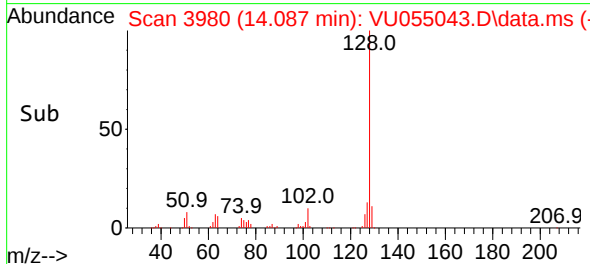
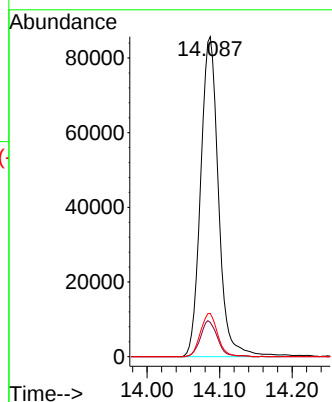
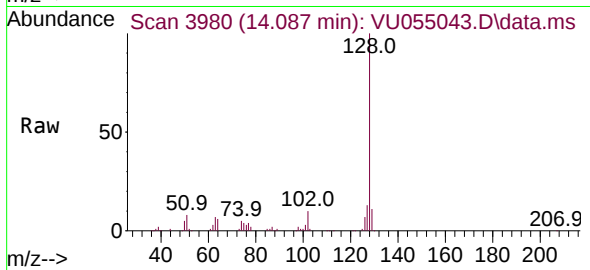
Tgt Ion:128 Resp: 146626

Ion Ratio Lower Upper

128 100

129 10.6 8.2 12.2

127 13.1 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.554 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU055043.D

Acq: 01 Sep 2023 15:41

Tgt Ion:180 Resp: 72805

Ion Ratio Lower Upper

180 100

182 95.0 75.6 113.4

145 34.5 27.0 40.6

