

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055042.D
 Acq On : 01 Sep 2023 15:17
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:40:51 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	200976	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	202282	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	117890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46430	4.929	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.908	69	54363	4.986	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.563	65	27876	5.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.800%
20) 2-Butanone-d5	4.631	46	144577	52.892	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.780%
24) Chloroform-d	5.059	84	131518	5.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.698	65	63314	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.724	84	254476	5.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.689	67	80417	5.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.894	98	238716	5.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	8.177	79	23866	5.457	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.200%
46) 2-Hexanone-d5	8.631	63	96920	54.586	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58340	5.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	82368	4.787	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	62066	5.314	ug/L	99
3) Chloromethane	1.518	50	60038	5.050	ug/L	99
5) Vinyl chloride	1.599	62	64084	5.109	ug/L	93
6) Bromomethane	1.853	94	37683	4.982	ug/L	99
8) Chloroethane	1.930	64	41652	5.100	ug/L	99
9) Trichlorofluoromethane	2.136	101	93647	5.134	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	56534	5.327	ug/L	98
12) 1,1-Dichloroethene	2.576	96	46733	5.030	ug/L	98
13) Acetone	2.637	43	97451	53.194	ug/L	98
14) Carbon disulfide	2.788	76	115518	5.077	ug/L	99
15) Methyl Acetate	2.956	43	19755	5.268	ug/L	98
16) Methylene chloride	3.043	84	67810	4.776	ug/L	93
17) Methyl tert-butyl Ether	3.361	73	130708	5.364	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	48206	5.114	ug/L	99
19) 1,1-Dichloroethane	3.862	63	105163	5.162	ug/L	97
21) 2-Butanone	4.708	43	146902	54.576	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	59797	5.182	ug/L	92
23) Bromochloromethane	4.972	128	24585	5.180	ug/L #	92
25) Chloroform	5.084	83	109604	5.165	ug/L	95

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

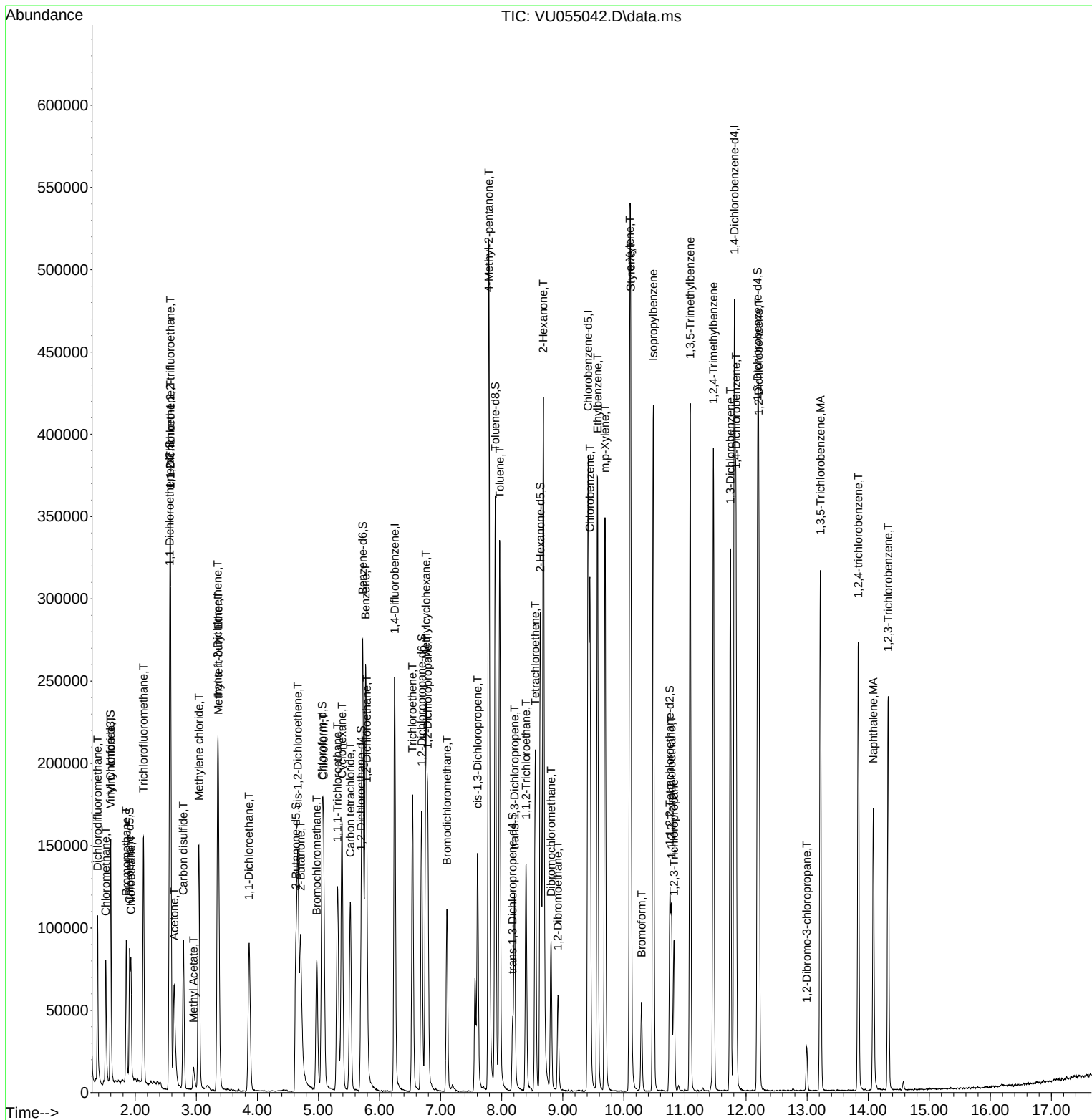
Instrument :
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 ClientSampleId :

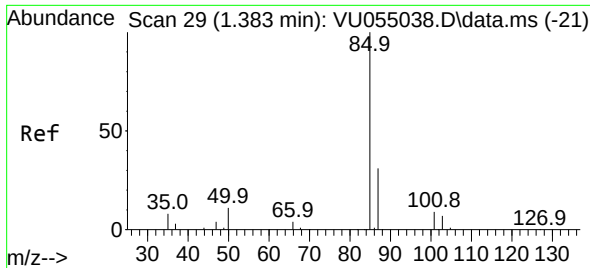
Quant Time: Sep 01 23:40:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:32:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	67658	5.224	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	89615	5.122	ug/L	100
30) Cyclohexane	5.386	56	82065	5.274	ug/L	98
31) Carbon tetrachloride	5.521	117	75259	5.173	ug/L	95
33) Benzene	5.772	78	221907	5.154	ug/L	100
34) Trichloroethene	6.538	95	59943	5.010	ug/L	97
35) Methylcyclohexane	6.763	83	85568	5.097	ug/L	96
37) 1,2-Dichloropropane	6.788	63	60604	5.171	ug/L	99
38) Bromodichloromethane	7.103	83	71875	5.136	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	85902	5.389	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	348396	52.109	ug/L	100
42) Toluene	7.968	91	243960	5.315	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	66820	5.340	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	42239	5.350	ug/L	98
47) Tetrachloroethene	8.550	164	43183	5.222	ug/L	97
48) 2-Hexanone	8.682	43	279120	53.298	ug/L	98
49) Dibromochloromethane	8.808	129	44112	5.119	ug/L	88
50) 1,2-Dibromoethane	8.920	107	39008	5.426	ug/L	88
51) Chlorobenzene	9.444	112	156323	5.143	ug/L	98
52) Ethylbenzene	9.570	91	269698	5.252	ug/L	99
53) m,p-Xylene	9.692	106	98482	5.183	ug/L	97
54) o-Xylene	10.097	106	96606	5.167	ug/L	99
55) Styrene	10.113	104	163192	5.285	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.779	83	52684	5.358	ug/L	96
59) Bromoform	10.290	173	23360	4.959	ug/L	95
60) Isopropylbenzene	10.483	105	271087	4.931	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	36972	4.726	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	225970	4.941	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	217381	4.823	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	127017	4.813	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	127171	4.835	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	116474	4.707	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	7113	4.720	ug/L	91
69) 1,3,5-Trichlorobenzene	13.219	180	92337	4.630	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	76779	4.106	ug/L	97
71) Naphthalene	14.084	128	136994	4.030	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	68399	4.214	ug/L	99

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

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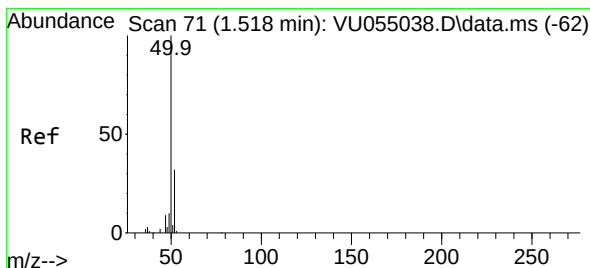
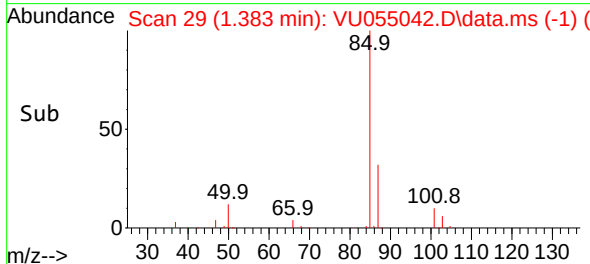
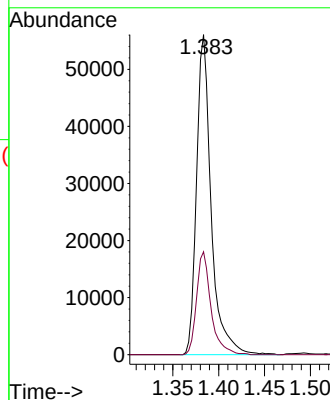
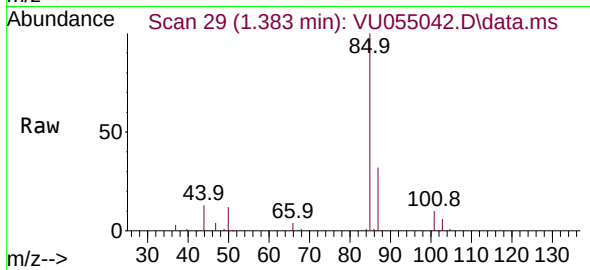




#2
Dichlorodifluoromethane
Concen: 5.314 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

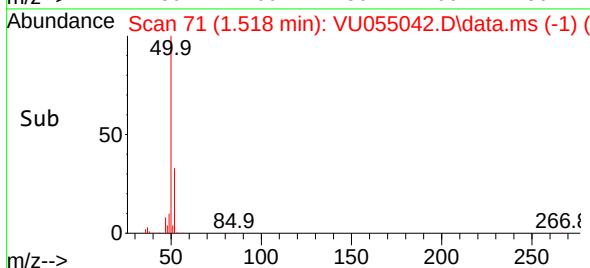
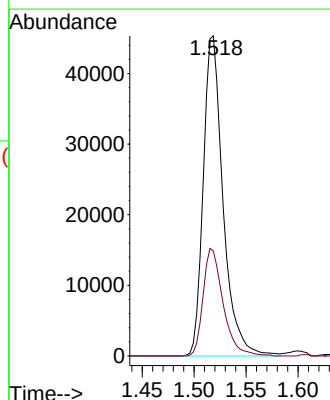
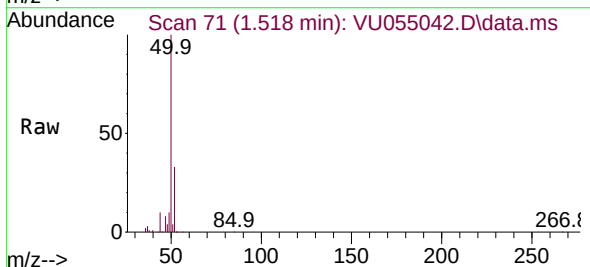
Instrument :
MSVOA_U
ClientSampleId :

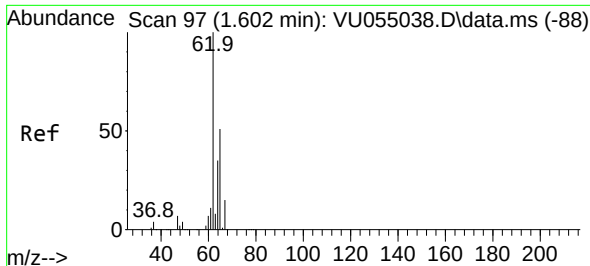
Tgt Ion: 85 Resp: 62066
Ion Ratio Lower Upper
85 100
87 31.7 25.1 37.7



#3
Chloromethane
Concen: 5.050 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Tgt Ion: 50 Resp: 60038
Ion Ratio Lower Upper
50 100
52 32.9 22.5 41.7

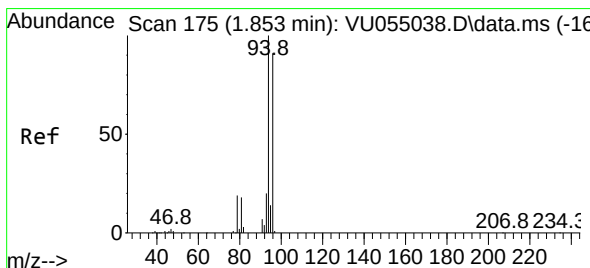
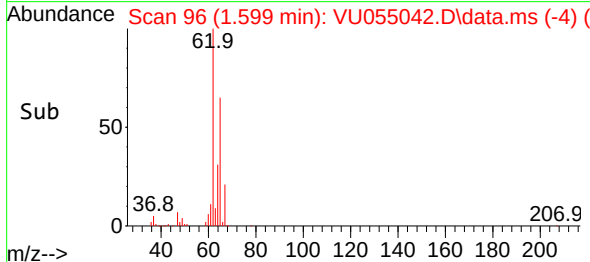
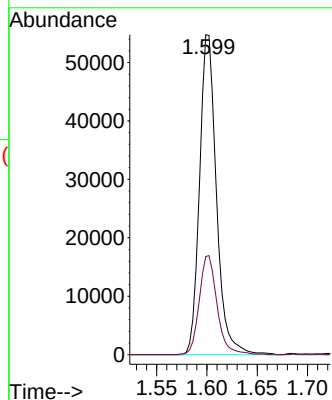
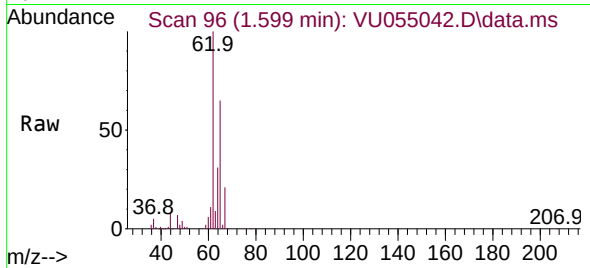




#5
 Vinyl chloride
 Concen: 5.109 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU055042.D
 Acq: 01 Sep 2023 15:17

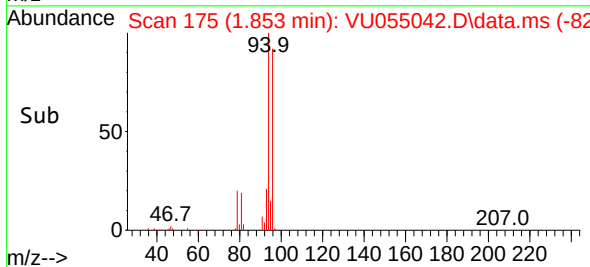
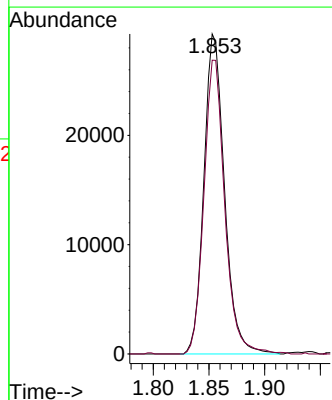
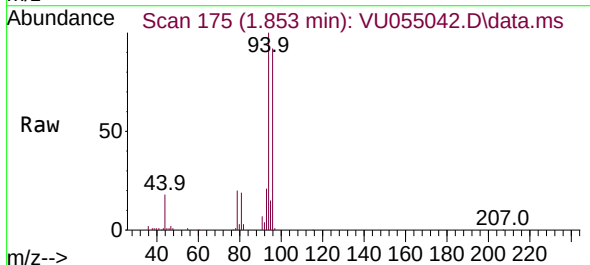
Instrument :
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 ClientSampleId :

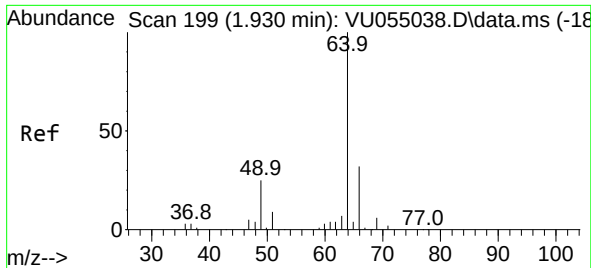
Tgt Ion: 62 Resp: 64084
 Ion Ratio Lower Upper
 62 100
 64 30.7 24.2 45.0



#6
 Bromomethane
 Concen: 4.982 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU055042.D
 Acq: 01 Sep 2023 15:17

Tgt Ion: 94 Resp: 37683
 Ion Ratio Lower Upper
 94 100
 96 91.8 63.8 118.4

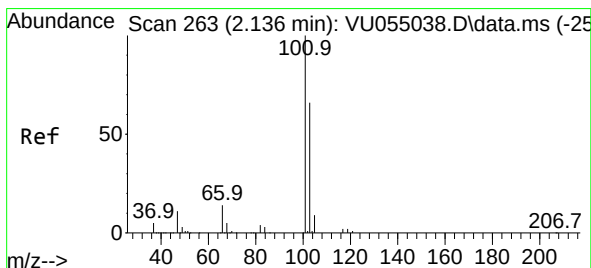
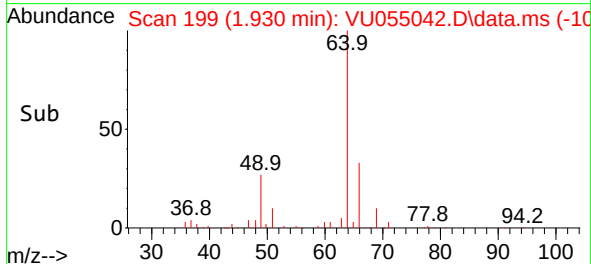
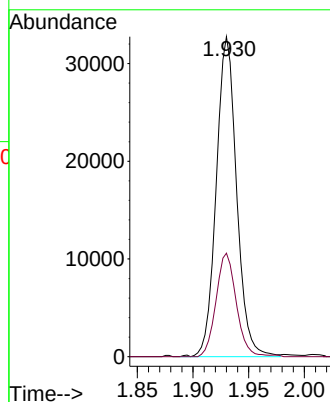
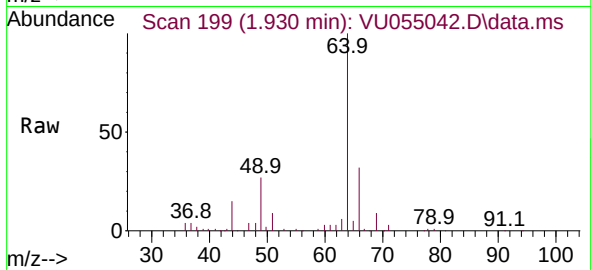




#8
Chloroethane
Concen: 5.100 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

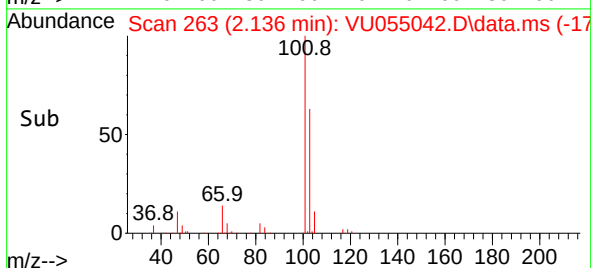
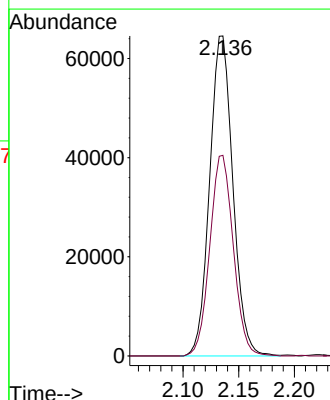
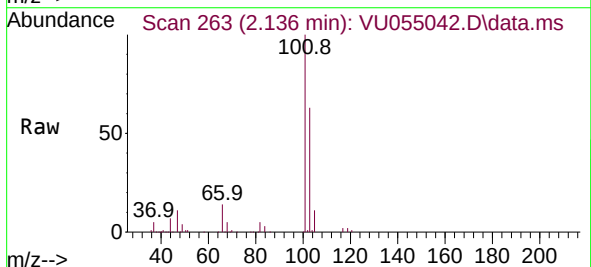
Instrument :
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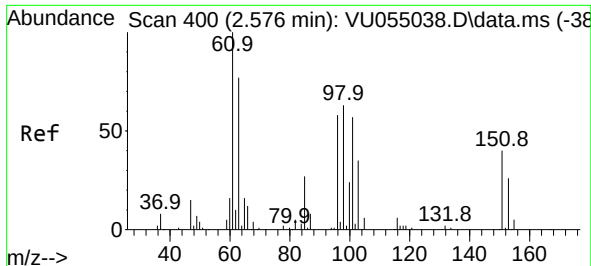
Tgt Ion: 64 Resp: 41652
Ion Ratio Lower Upper
64 100
66 32.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.134 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Tgt Ion:101 Resp: 93647
Ion Ratio Lower Upper
101 100
103 63.4 51.9 77.9

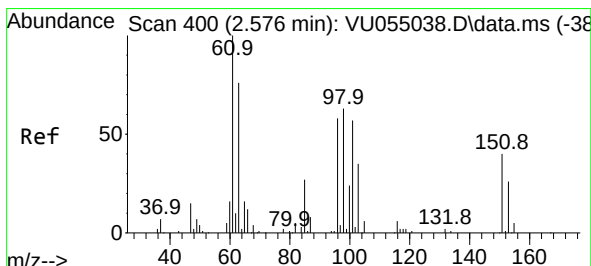
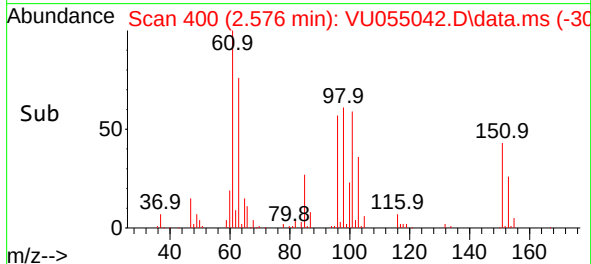
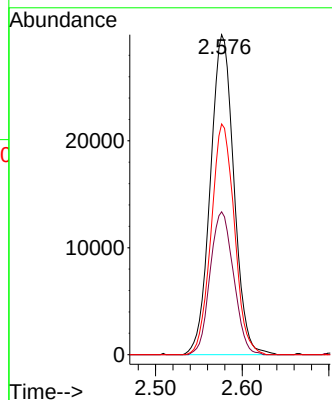
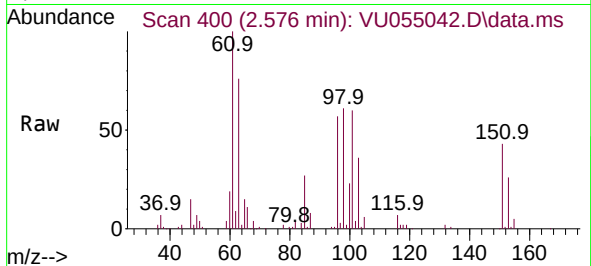




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.327 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

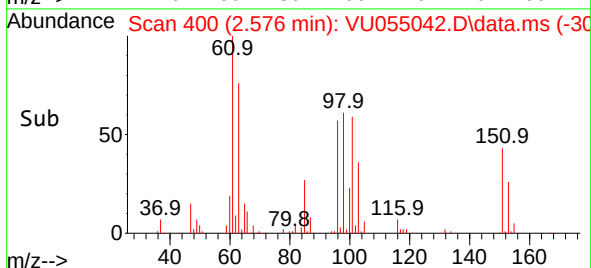
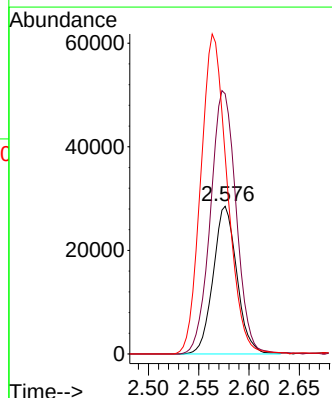
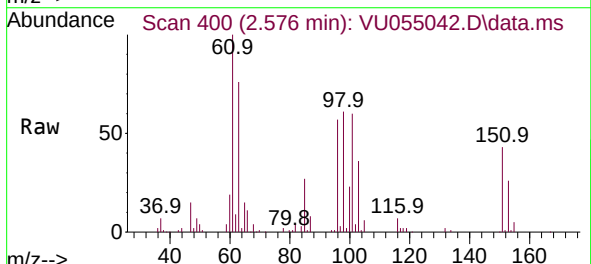
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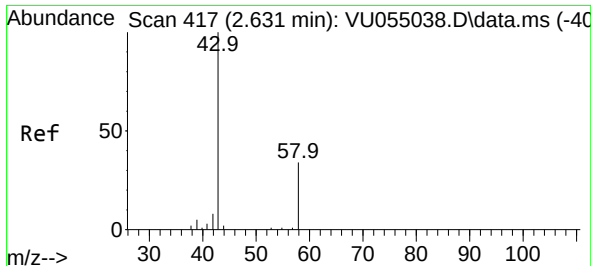
Tgt Ion:101 Resp: 56534
Ion Ratio Lower Upper
101 100
85 44.4 37.3 55.9
151 71.2 57.6 86.4



#12
1,1-Dichloroethene
Concen: 5.030 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Tgt Ion: 96 Resp: 46733
Ion Ratio Lower Upper
96 100
61 176.1 120.8 224.4
63 134.3 94.5 175.5





#13

Acetone

Concen: 53.194 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

Instrument :

MSVOA_U

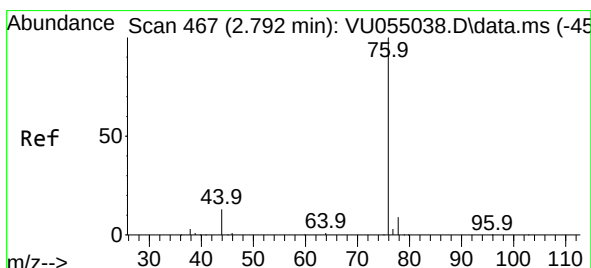
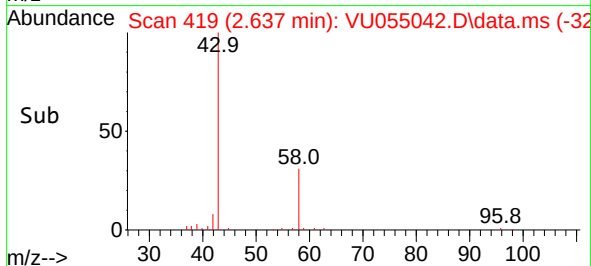
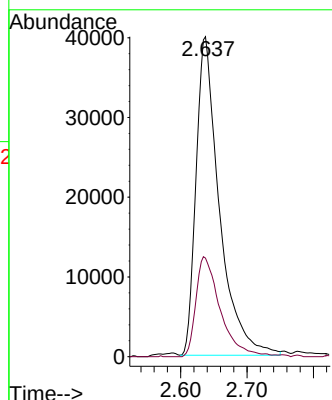
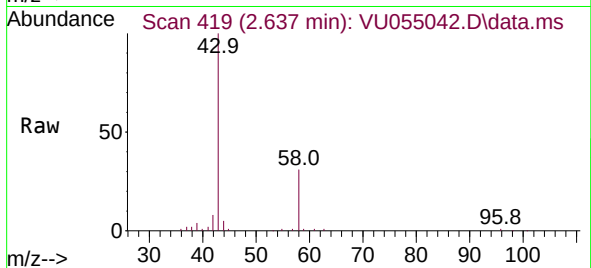
ClientSampleId :

Tgt Ion: 43 Resp: 97451

Ion Ratio Lower Upper

43 100

58 32.7 0.0 67.8



#14

Carbon disulfide

Concen: 5.077 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU055042.D

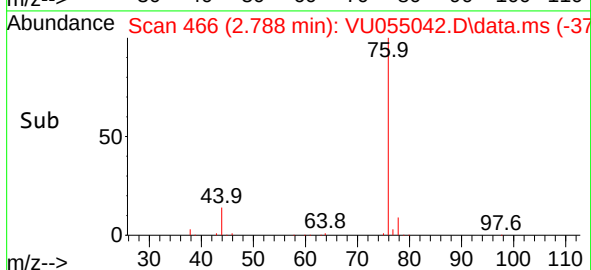
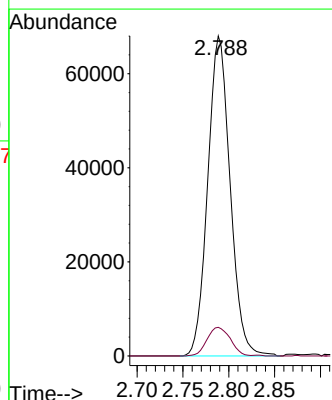
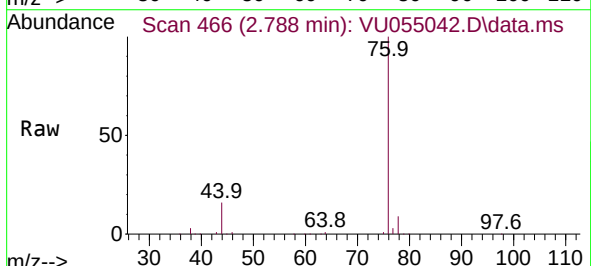
Acq: 01 Sep 2023 15:17

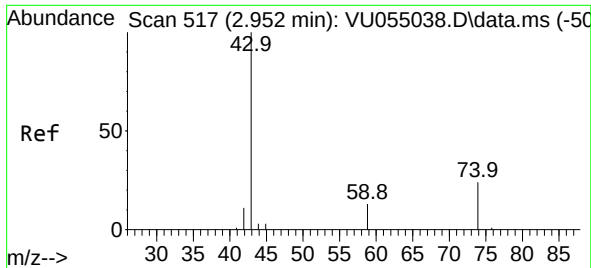
Tgt Ion: 76 Resp: 115518

Ion Ratio Lower Upper

76 100

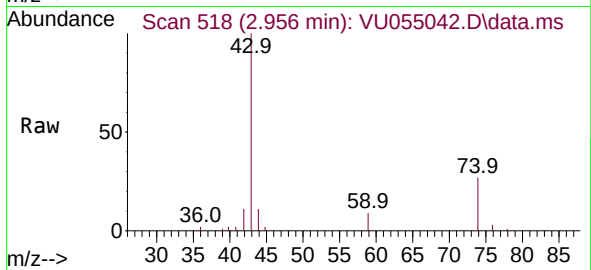
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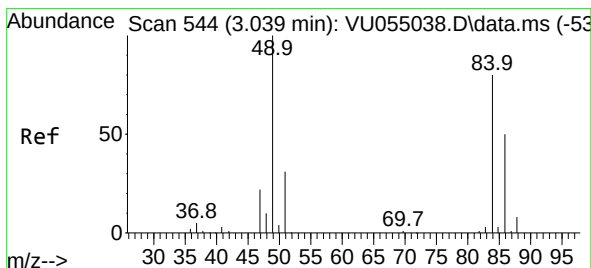
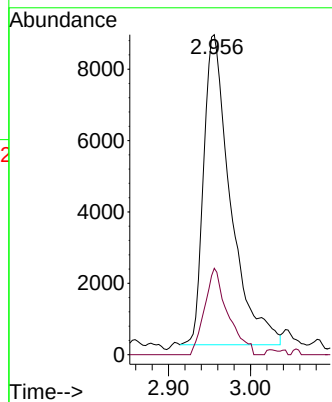
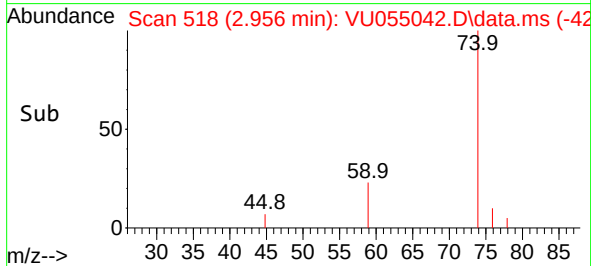


#15
Methyl Acetate
Concen: 5.268 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.003 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Instrument :
MSVOA_U
ClientSampleId :

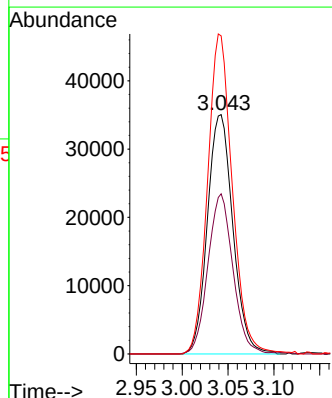
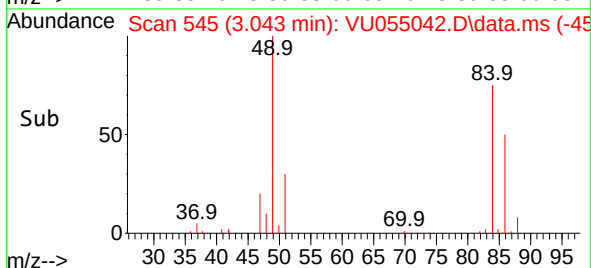
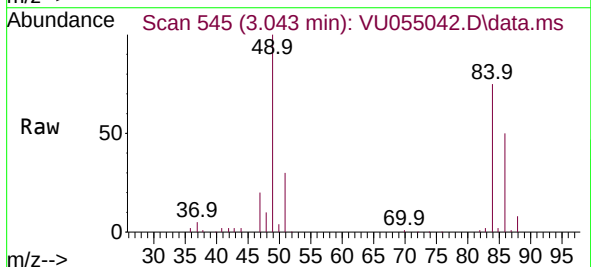


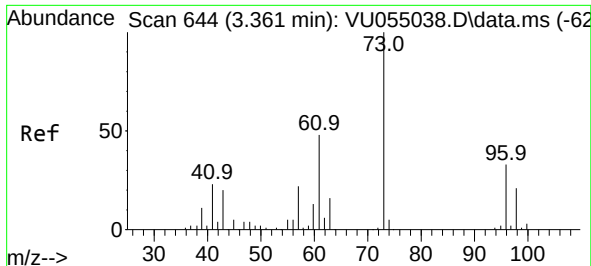
Tgt Ion: 43 Resp: 19755
Ion Ratio Lower Upper
43 100
74 24.1 18.4 27.6



#16
Methylene chloride
Concen: 4.776 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Tgt Ion: 84 Resp: 67810
Ion Ratio Lower Upper
84 100
86 66.9 43.4 80.6
49 132.9 87.7 162.9

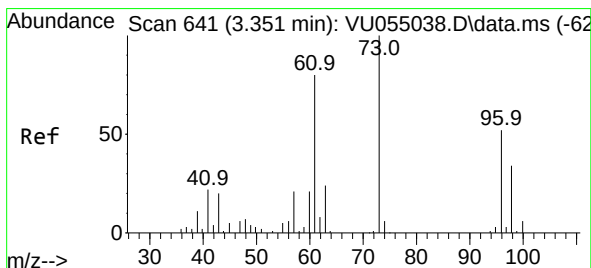
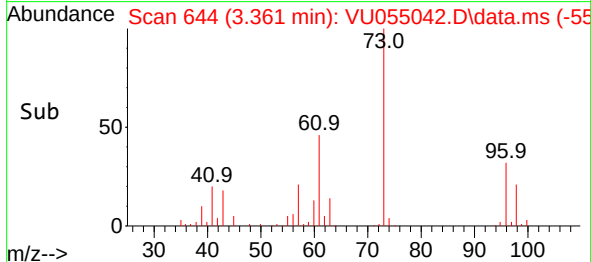
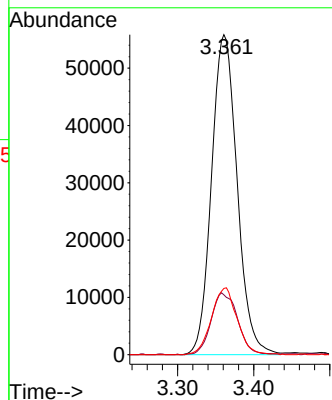
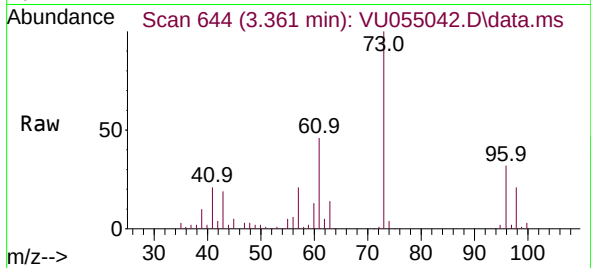




#17
Methyl tert-butyl Ether
Concen: 5.364 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

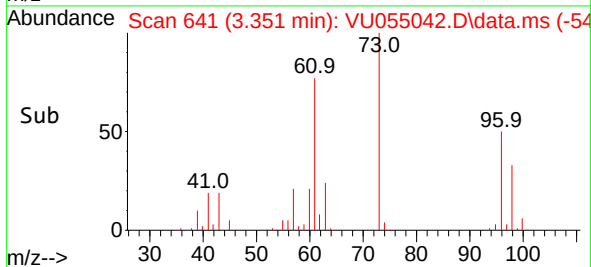
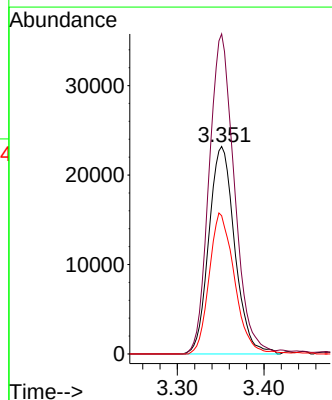
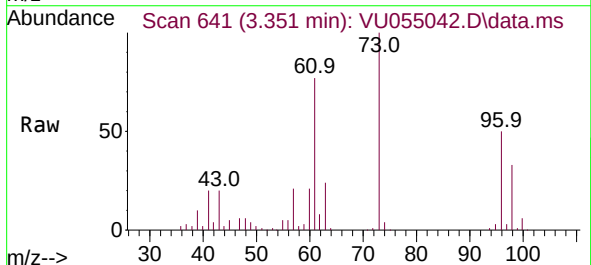
Instrument :
MSVOA_U
ClientSampleId :

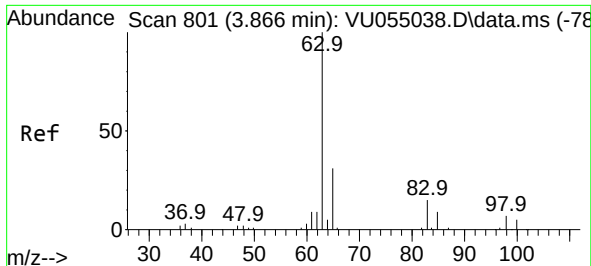
Tgt Ion: 73 Resp: 130708
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2
57 20.9 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.114 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Tgt Ion: 96 Resp: 48206
Ion Ratio Lower Upper
96 100
61 154.2 108.1 200.9
98 66.7 45.4 84.4





#19

1,1-Dichloroethane

Concen: 5.162 ug/L

RT: 3.862 min Scan# 801

Delta R.T. -0.003 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

Instrument :

MSVOA_U

ClientSampleId :

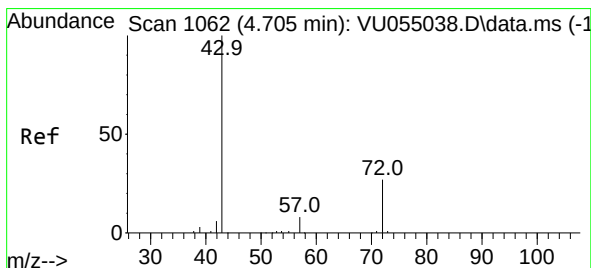
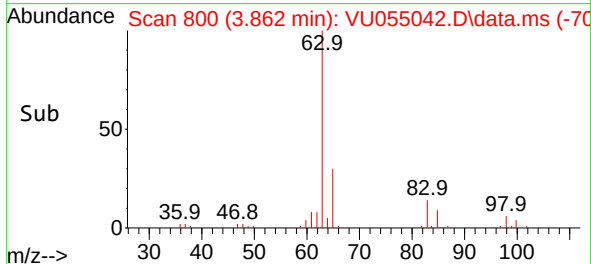
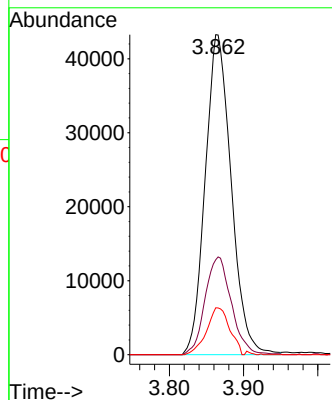
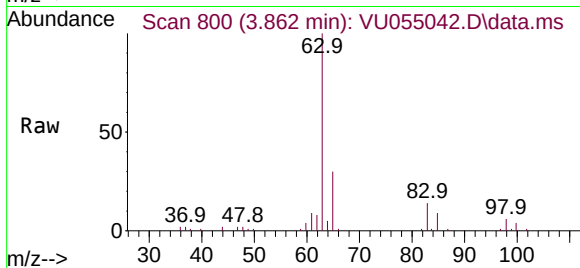
Tgt Ion: 63 Resp: 105163

Ion Ratio Lower Upper

63 100

65 29.6 22.2 41.2

83 14.7 10.6 19.8



#21

2-Butanone

Concen: 54.576 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.003 min

Lab File: VU055042.D

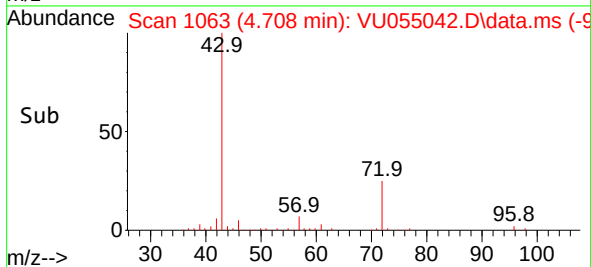
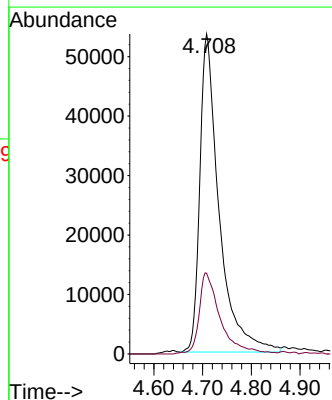
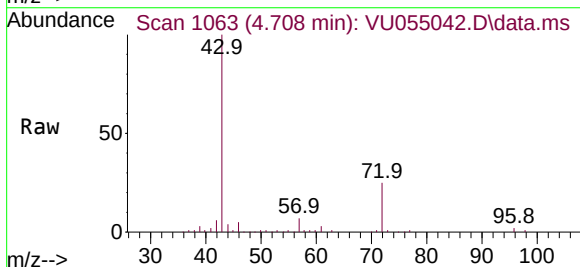
Acq: 01 Sep 2023 15:17

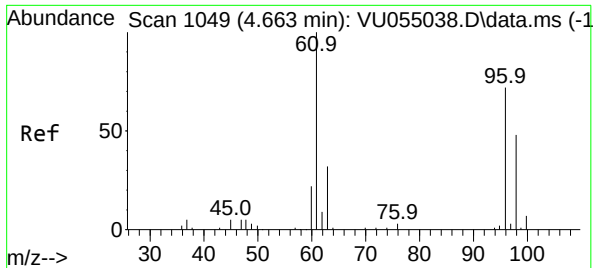
Tgt Ion: 43 Resp: 146902

Ion Ratio Lower Upper

43 100

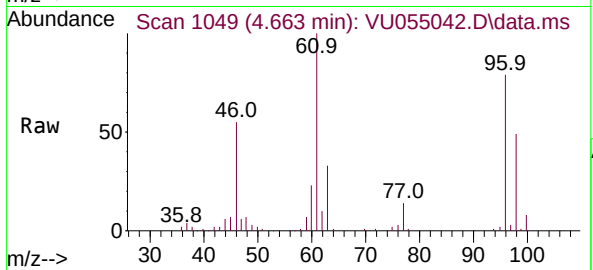
72 27.9 13.5 40.5



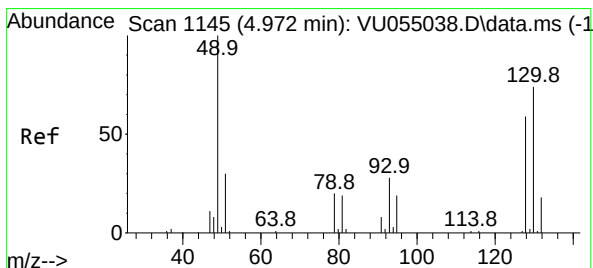
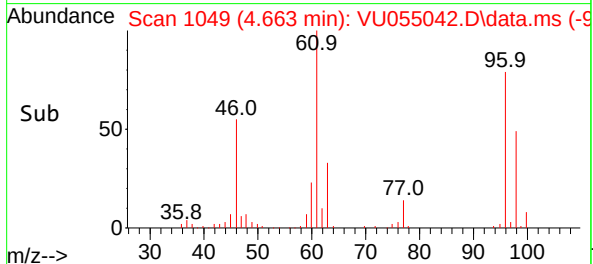
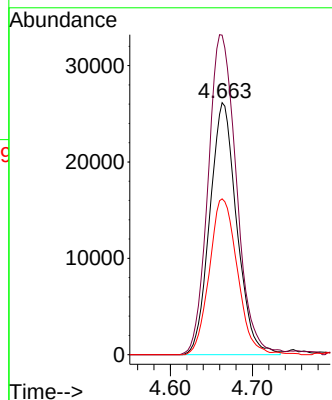


#22
 cis-1,2-Dichloroethene
 Concen: 5.182 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055042.D
 Acq: 01 Sep 2023 15:17

Instrument :
 MSVOA_U
 ClientSampleId :

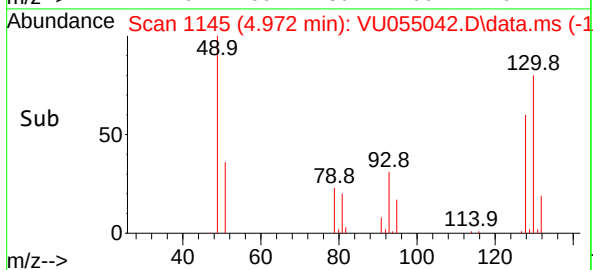
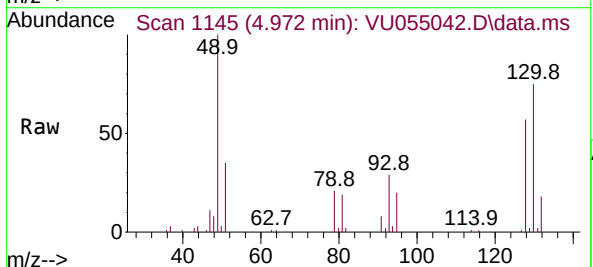
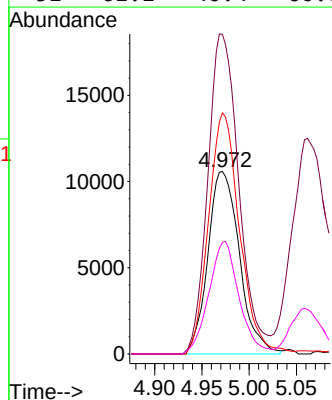


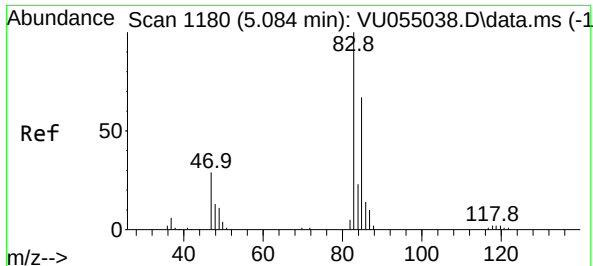
Tgt Ion:	96	Resp:	59797
Ion	Ratio	Lower	Upper
96	100		
61	126.8	97.2	180.4
98	61.8	46.1	85.7



#23
 Bromochloromethane
 Concen: 5.180 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU055042.D
 Acq: 01 Sep 2023 15:17

Tgt Ion:	128	Resp:	24585
Ion	Ratio	Lower	Upper
128	100		
49	181.4	118.9	220.9
130	132.2	88.0	163.4
51	61.1	40.4	60.6





#25

Chloroform

Concen: 5.165 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

Instrument :

MSVOA_U

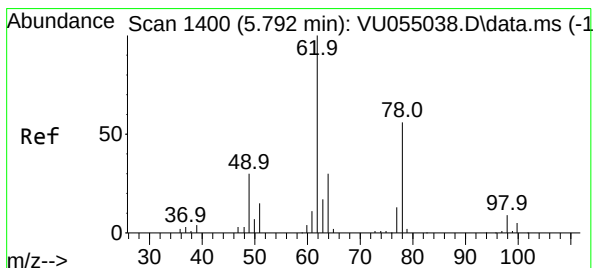
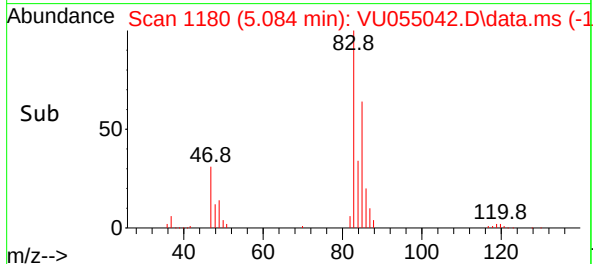
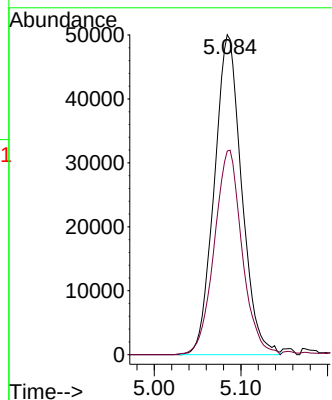
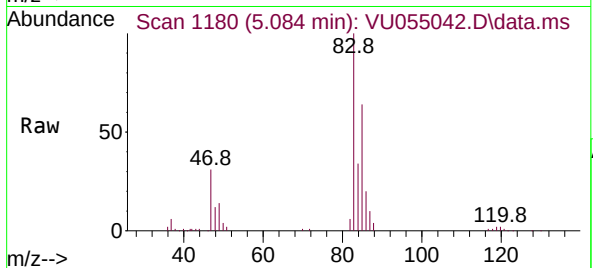
ClientSampleId :

Tgt Ion: 83 Resp: 109604

Ion Ratio Lower Upper

83 100

85 63.7 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.224 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU055042.D

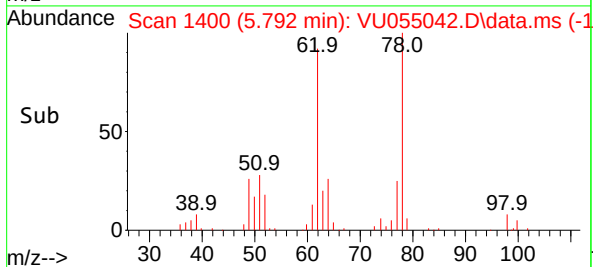
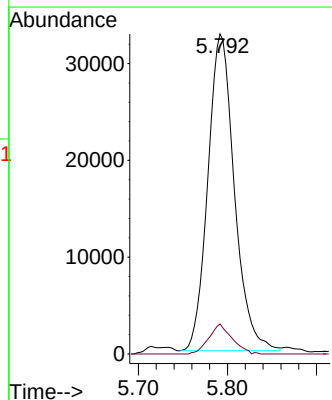
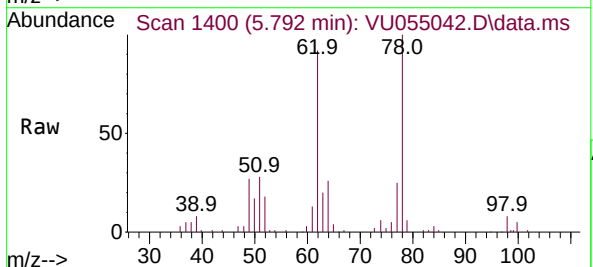
Acq: 01 Sep 2023 15:17

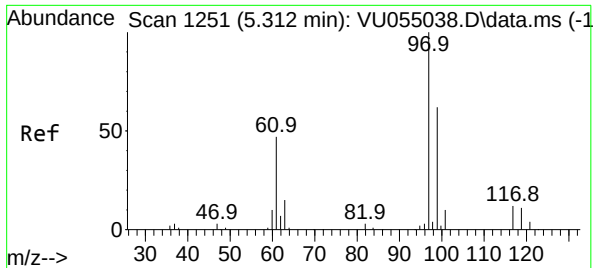
Tgt Ion: 62 Resp: 67658

Ion Ratio Lower Upper

62 100

98 9.4 6.9 10.3

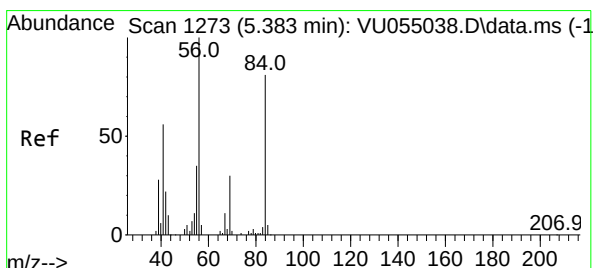
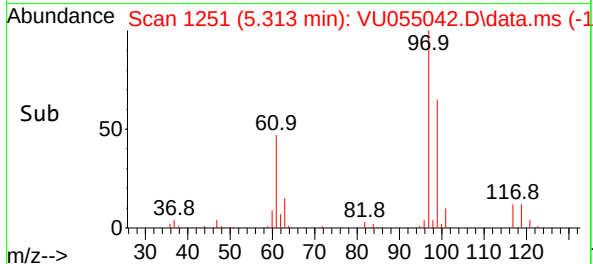
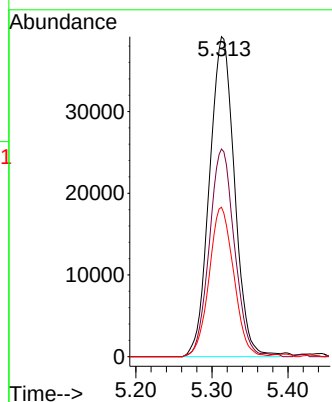
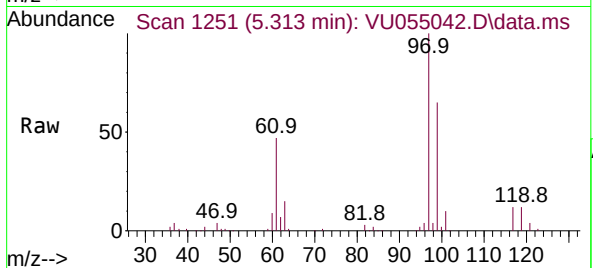




#29
1,1,1-Trichloroethane
Concen: 5.122 ug/L
RT: 5.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

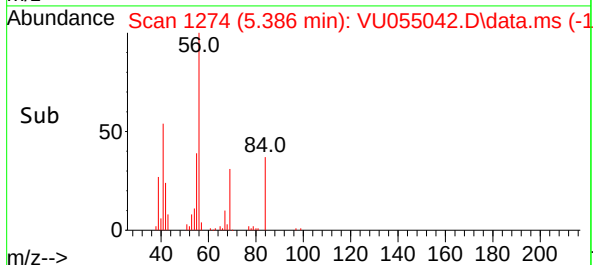
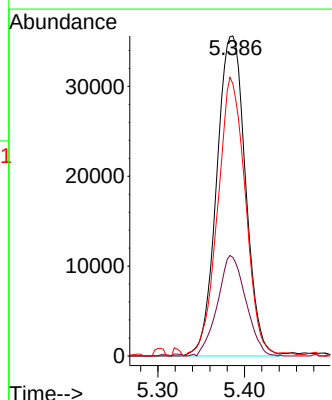
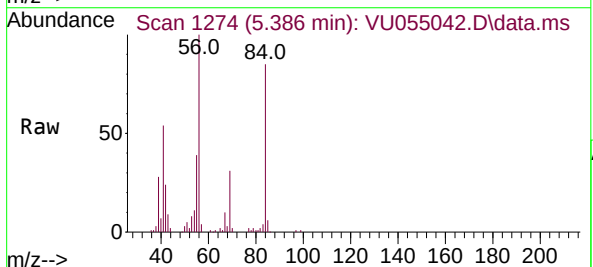
Instrument :
MSVOA_U
ClientSampleId :

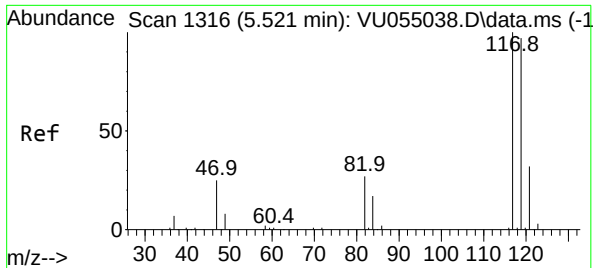
Tgt Ion: 97	Resp: 89615
Ion Ratio	Lower Upper
97 100	
99 65.1	51.8 77.8
61 45.9	36.8 55.2



#30
Cyclohexane
Concen: 5.274 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Tgt Ion: 56	Resp: 82065
Ion Ratio	Lower Upper
56 100	
69 30.9	24.6 37.0
84 84.1	68.8 103.2

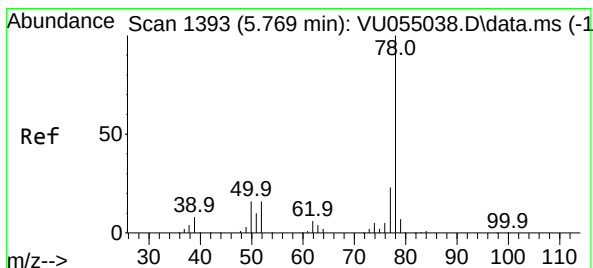
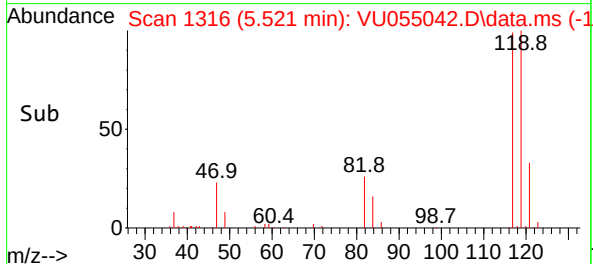
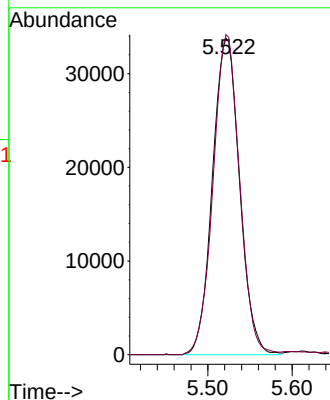
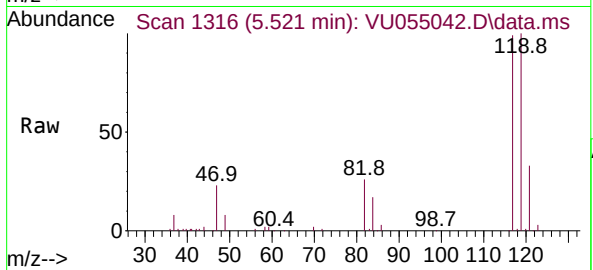




#31
Carbon tetrachloride
Concen: 5.173 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

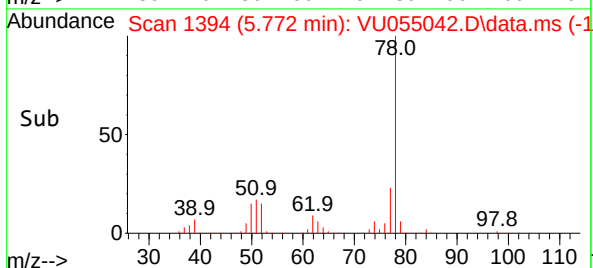
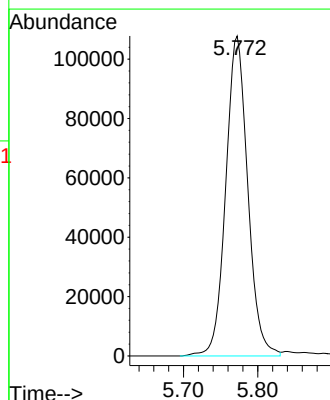
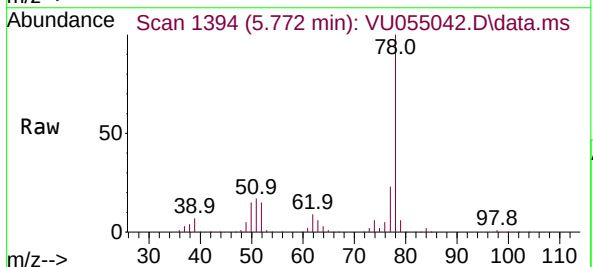
Instrument :
MSVOA_U
ClientSampleId :

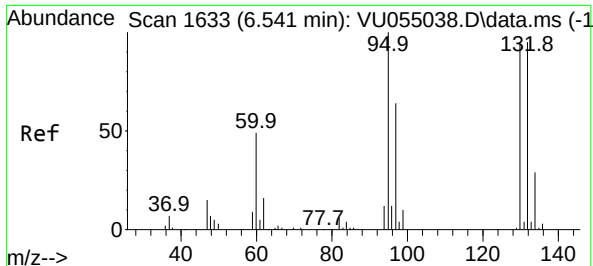
Tgt Ion:117 Resp: 75259
Ion Ratio Lower Upper
117 100
119 99.2 75.4 113.0



#33
Benzene
Concen: 5.154 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Tgt Ion: 78 Resp: 221907



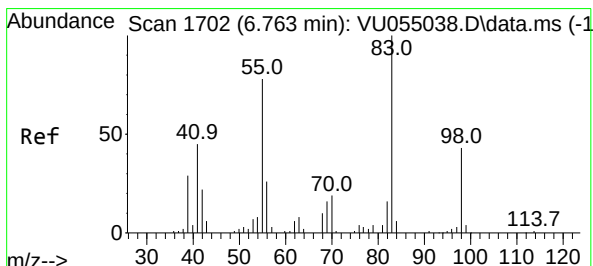
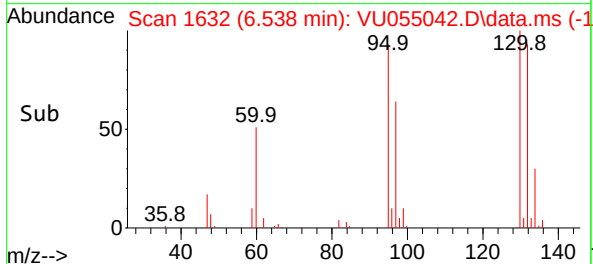
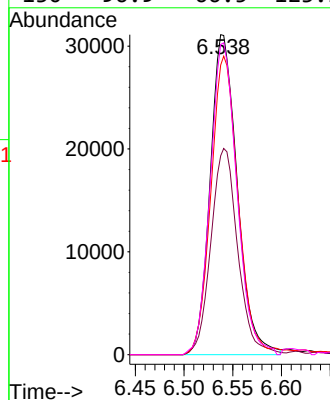
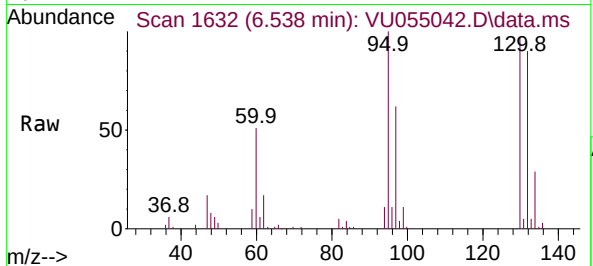


#34
Trichloroethene
Concen: 5.010 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 59943

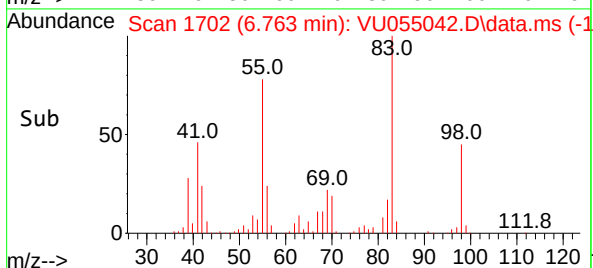
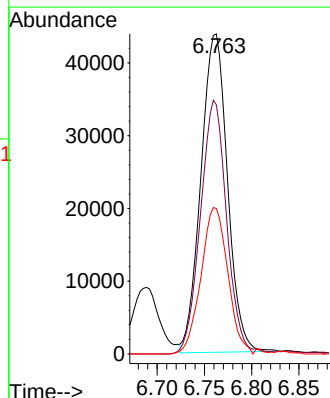
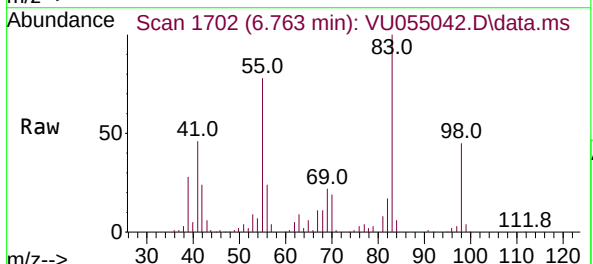
Ion	Ratio	Lower	Upper
95	100		
97	62.1	44.7	83.1
132	90.5	66.6	123.6
130	96.9	66.5	123.5

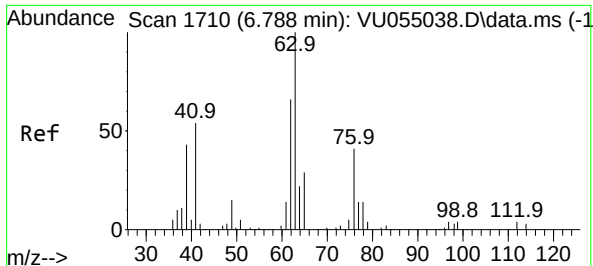


#35
Methylcyclohexane
Concen: 5.097 ug/L
RT: 6.763 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Tgt Ion: 83 Resp: 85568

Ion	Ratio	Lower	Upper
83	100		
55	78.7	60.4	90.6
98	46.3	35.3	52.9

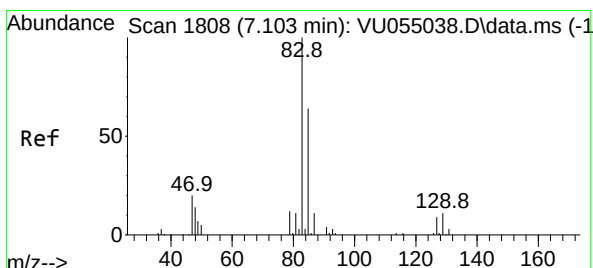
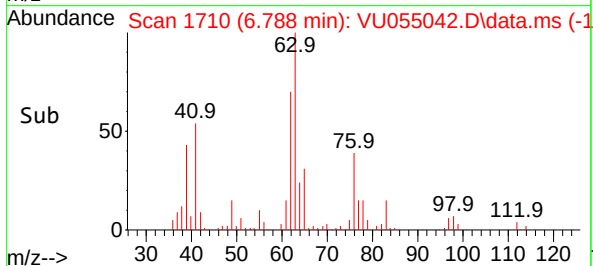
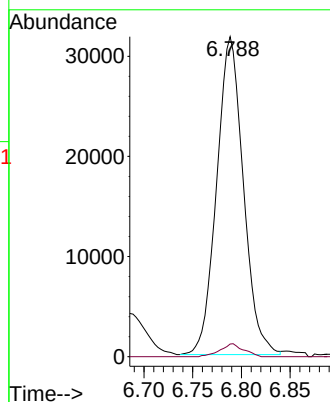
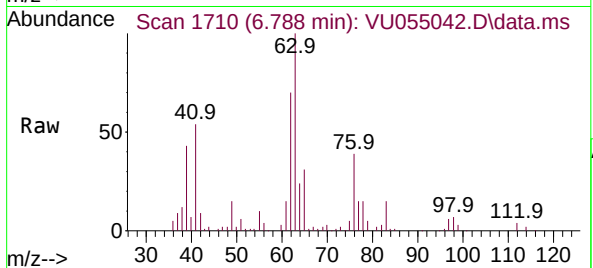




#37
1,2-Dichloropropane
Concen: 5.171 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

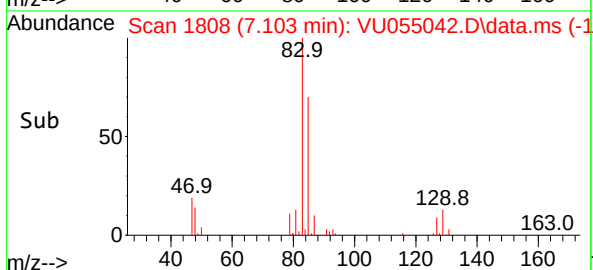
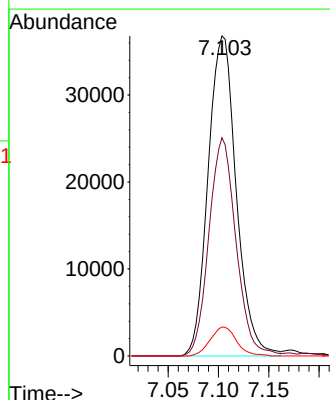
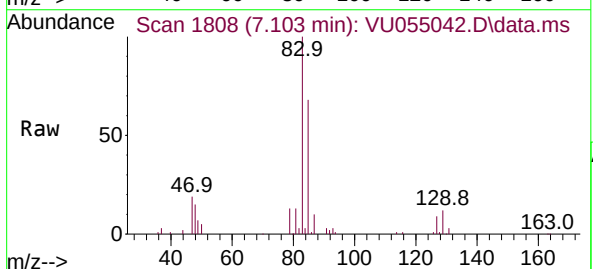
Instrument :
MSVOA_U
ClientSampleId :

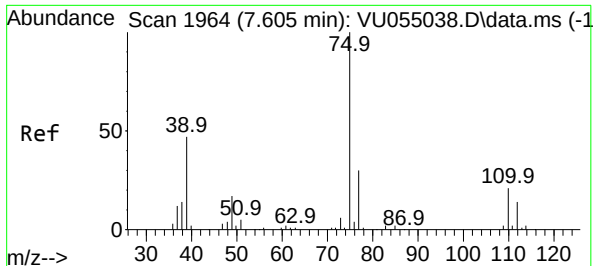
Tgt Ion: 63 Resp: 60604
Ion Ratio Lower Upper
63 100
112 3.6 3.2 4.8



#38
Bromodichloromethane
Concen: 5.136 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Tgt Ion: 83 Resp: 71875
Ion Ratio Lower Upper
83 100
85 68.2 44.9 83.5
127 9.1 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 5.389 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

Instrument :

MSVOA_U

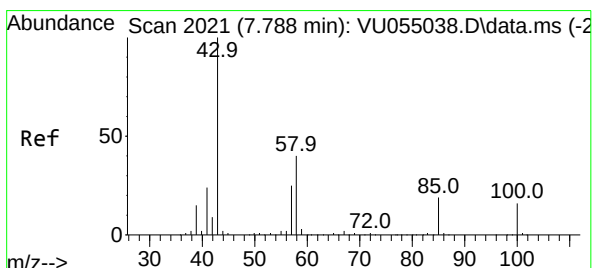
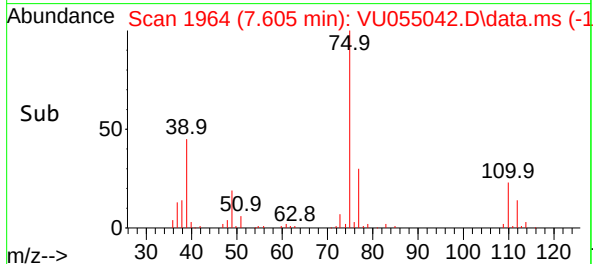
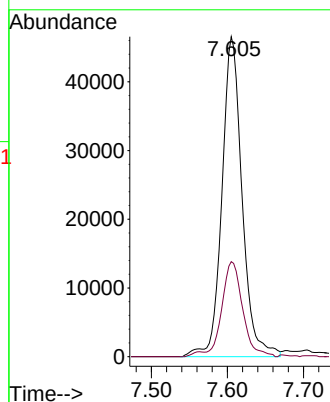
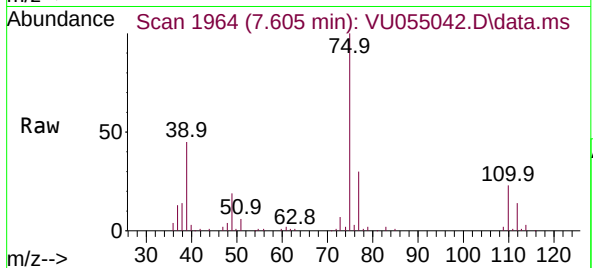
ClientSampleId :

Tgt Ion: 75 Resp: 85902

Ion Ratio Lower Upper

75 100

77 29.7 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 52.109 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

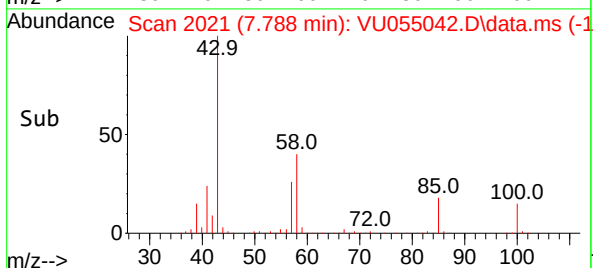
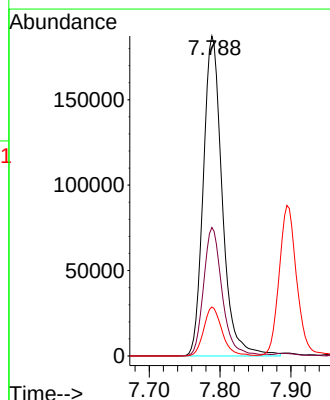
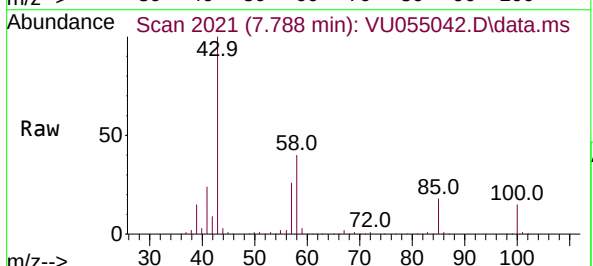
Tgt Ion: 43 Resp: 348396

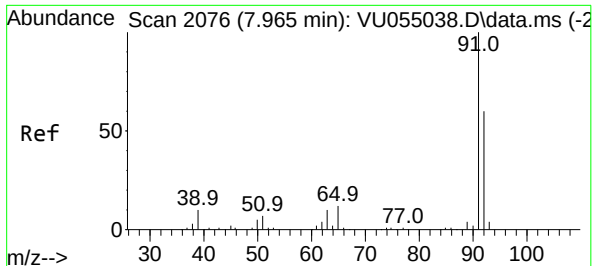
Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3

100 14.8 11.8 17.8





#42

Toluene

Concen: 5.315 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

Instrument :

MSVOA_U

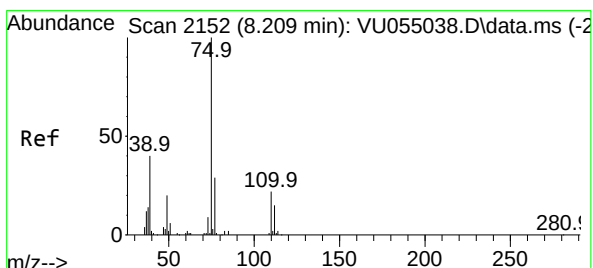
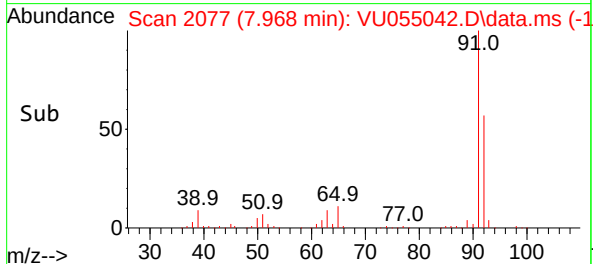
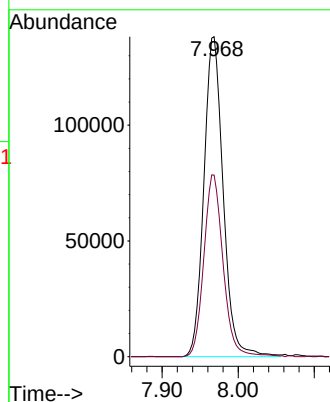
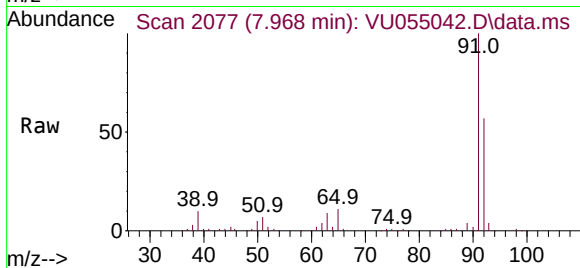
ClientSampleId :

Tgt Ion: 91 Resp: 243960

Ion Ratio Lower Upper

91 100

92 56.8 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 5.340 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055042.D

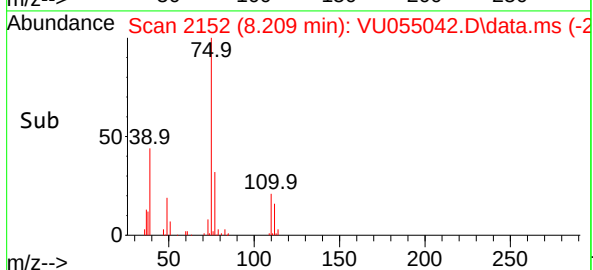
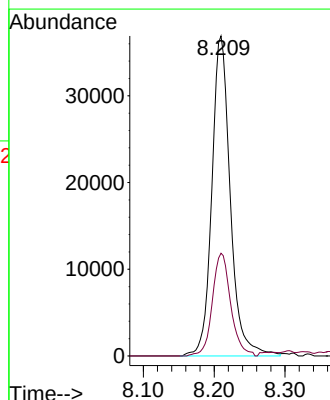
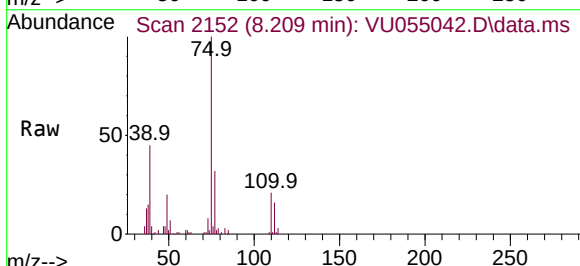
Acq: 01 Sep 2023 15:17

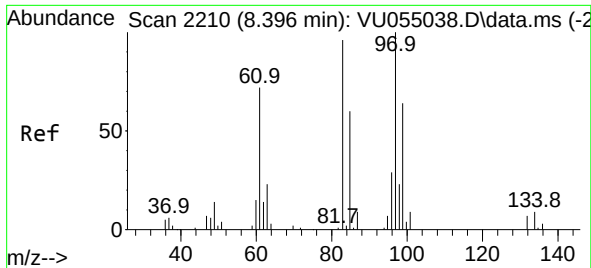
Tgt Ion: 75 Resp: 66820

Ion Ratio Lower Upper

75 100

77 32.1 20.5 38.1

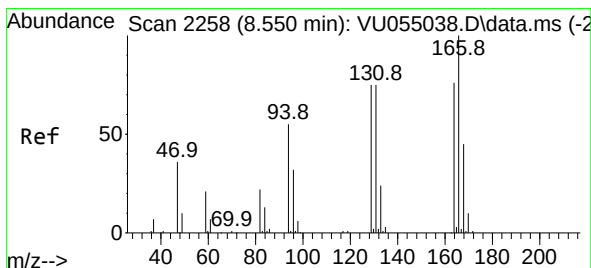
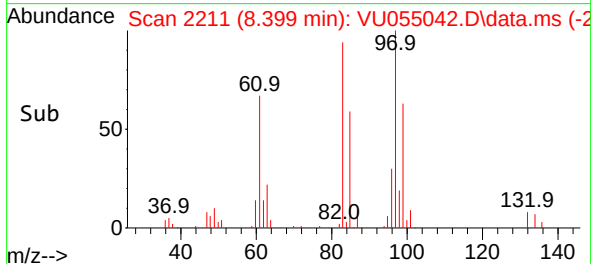
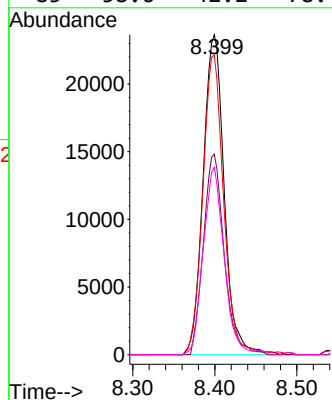
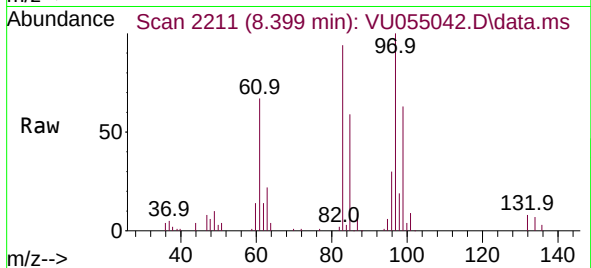




#45
1,1,2-Trichloroethane
Concen: 5.350 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

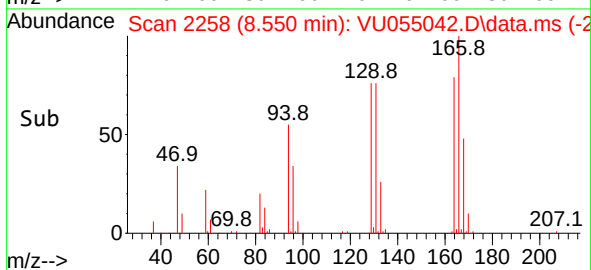
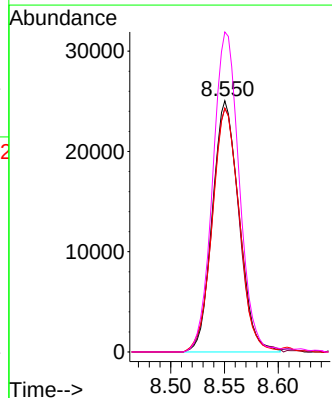
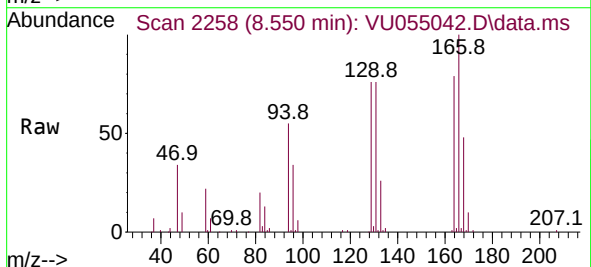
Instrument :
MSVOA_U
ClientSampleId :

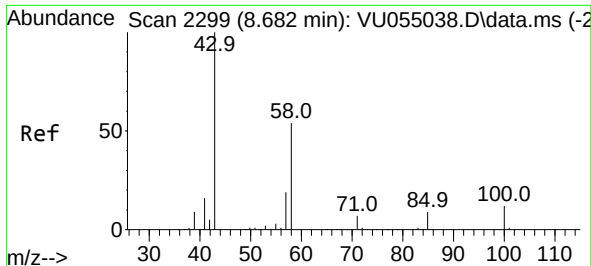
Tgt Ion:	97	Resp:	42239
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.9	83.5
83	93.5	66.9	124.3
85	58.6	42.2	78.4



#47
Tetrachloroethene
Concen: 5.222 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

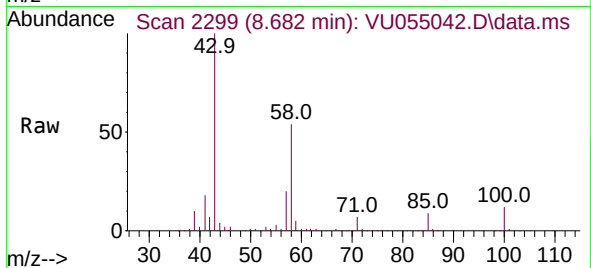
Tgt Ion:	164	Resp:	43183
Ion	Ratio	Lower	Upper
164	100		
129	97.0	69.2	128.6
131	97.0	68.8	127.8
166	127.4	92.3	171.5



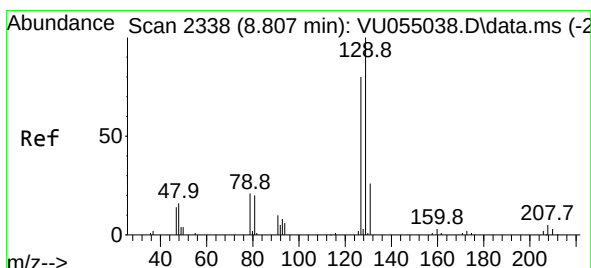
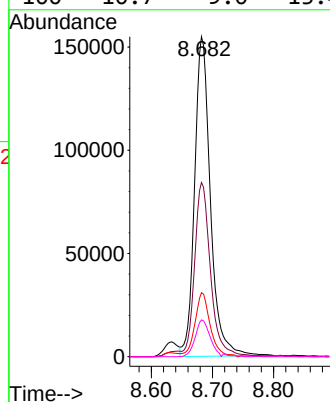
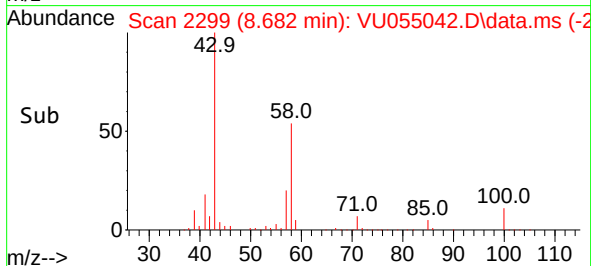


#48
2-Hexanone
Concen: 53.298 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Instrument :
MSVOA_U
ClientSampleId :

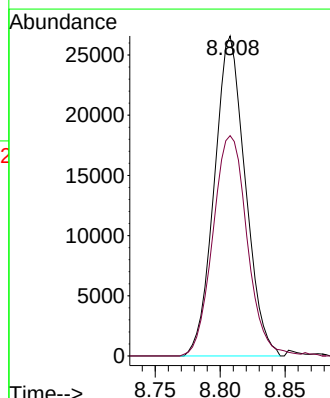
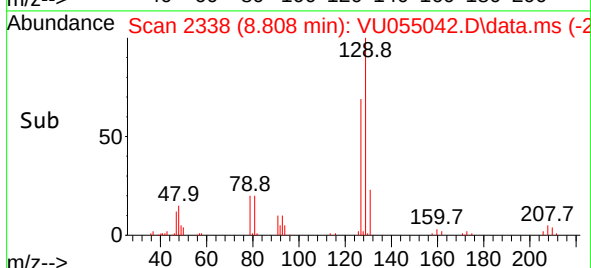
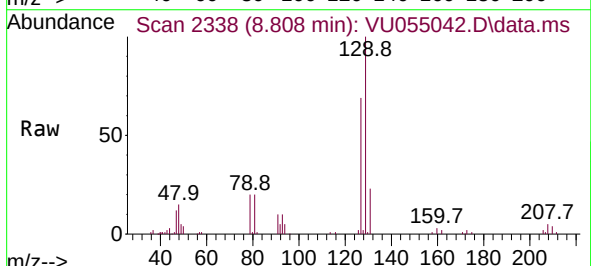


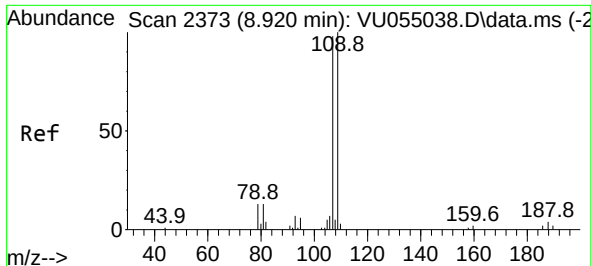
Tgt Ion: 43 Resp: 279120
Ion Ratio Lower Upper
43 100
58 56.5 44.0 66.0
57 19.4 16.2 24.2
100 10.7 9.0 13.4



#49
Dibromochloromethane
Concen: 5.119 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

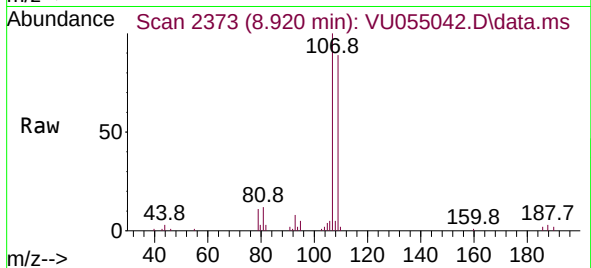
Tgt Ion: 129 Resp: 44112
Ion Ratio Lower Upper
129 100
127 68.9 55.9 103.7



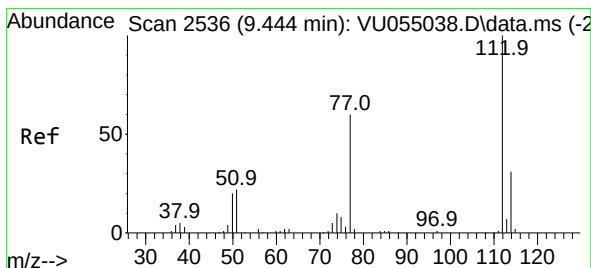
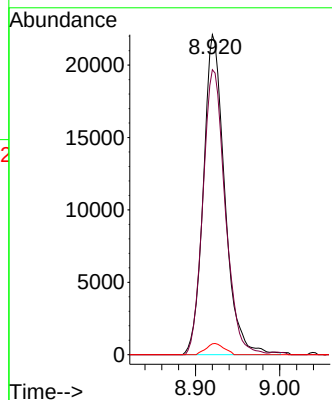
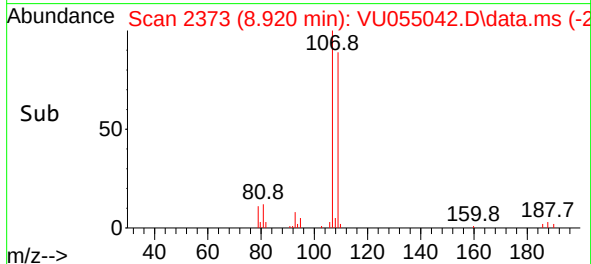


#50
1,2-Dibromoethane
Concen: 5.426 ug/L
RT: 8.920 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Instrument :
MSVOA_U
ClientSampleId :

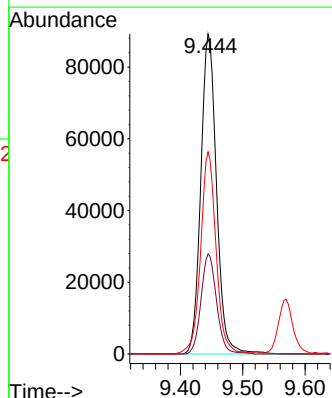
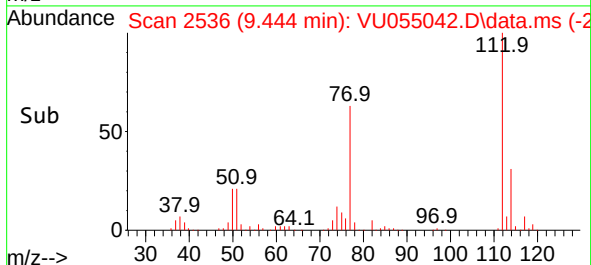
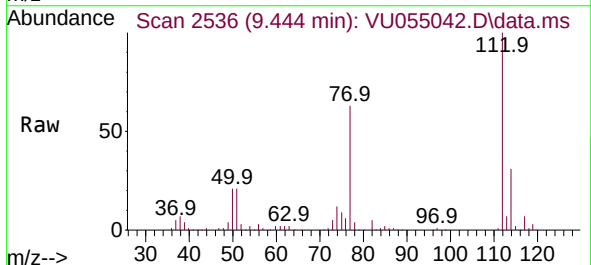


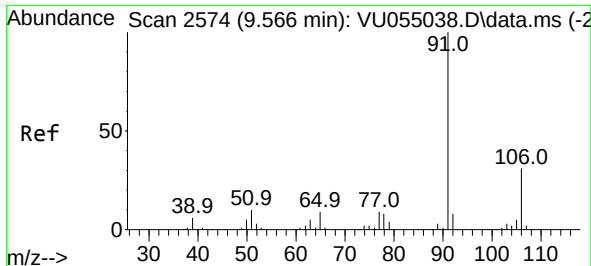
Tgt Ion:107 Resp: 39008
Ion Ratio Lower Upper
107 100
109 89.0 71.4 132.6
188 3.4 3.1 4.7



#51
Chlorobenzene
Concen: 5.143 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Tgt Ion:112 Resp: 156323
Ion Ratio Lower Upper
112 100
114 31.3 21.7 40.3
77 63.2 48.6 72.8





#52

Ethylbenzene

Concen: 5.252 ug/L

RT: 9.570 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

Instrument :

MSVOA_U

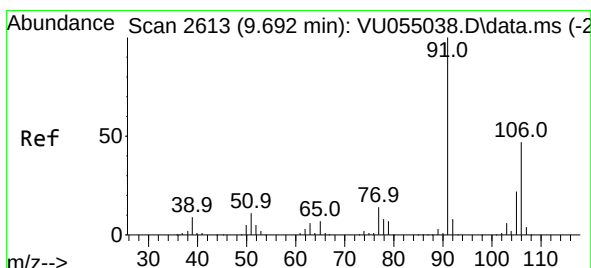
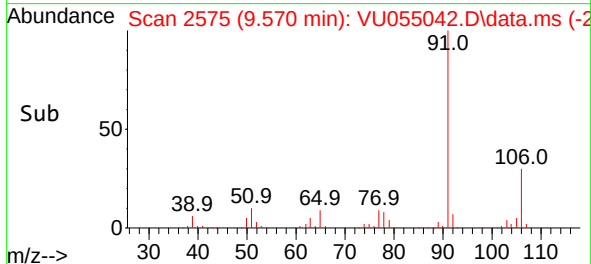
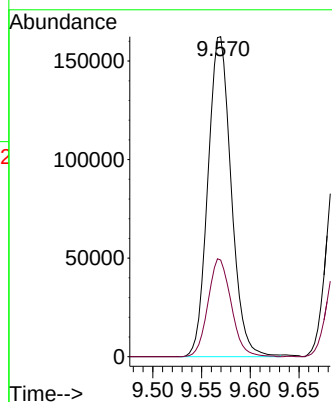
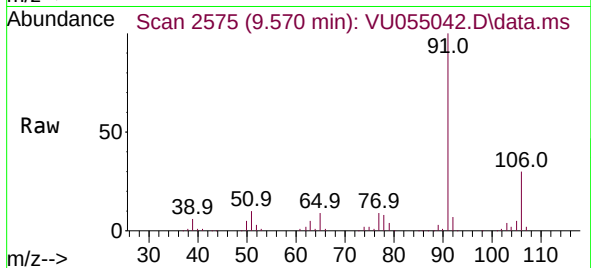
ClientSampleId :

Tgt Ion: 91 Resp: 269698

Ion Ratio Lower Upper

91 100

106 30.2 21.5 39.9



#53

m,p-Xylene

Concen: 5.183 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.000 min

Lab File: VU055042.D

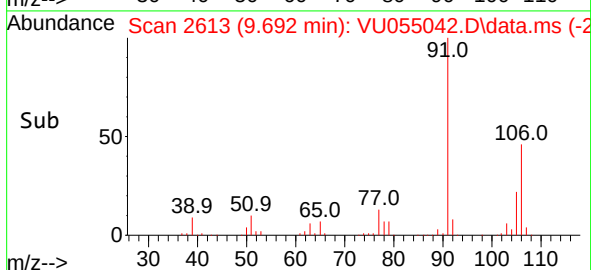
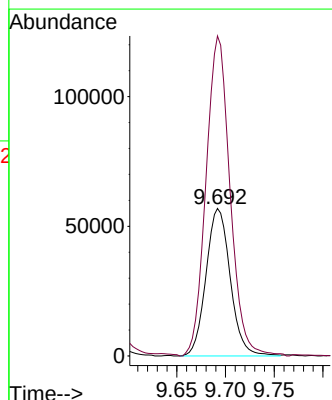
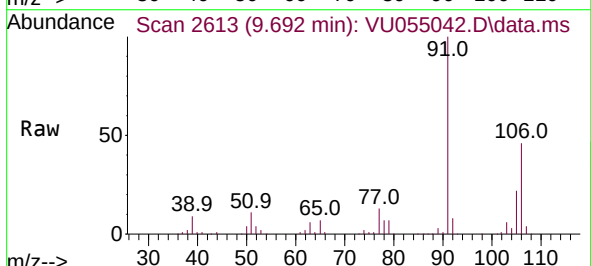
Acq: 01 Sep 2023 15:17

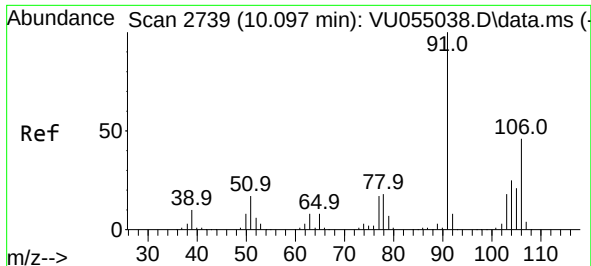
Tgt Ion:106 Resp: 98482

Ion Ratio Lower Upper

106 100

91 217.0 148.3 275.5

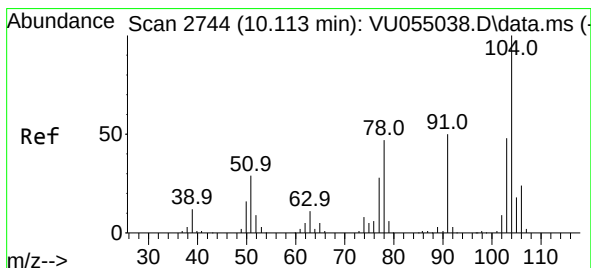
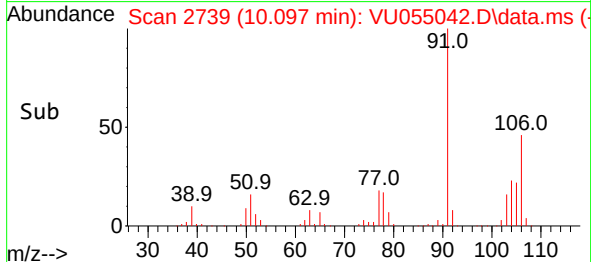
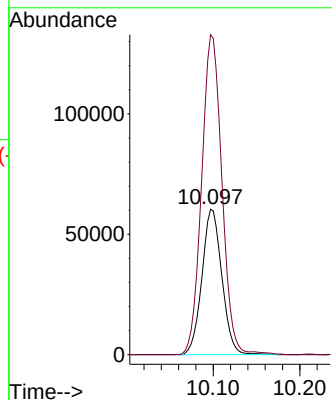
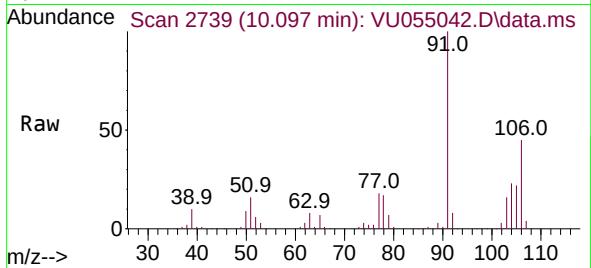




#54
o-Xylene
Concen: 5.167 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

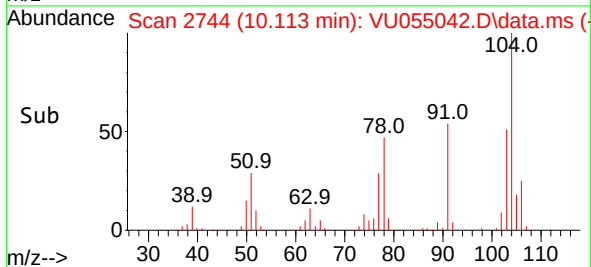
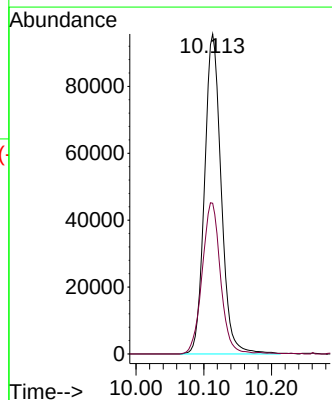
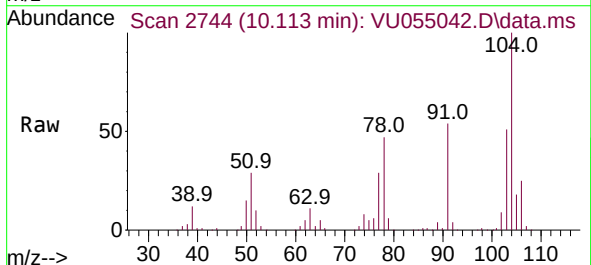
Instrument :
MSVOA_U
ClientSampleId :

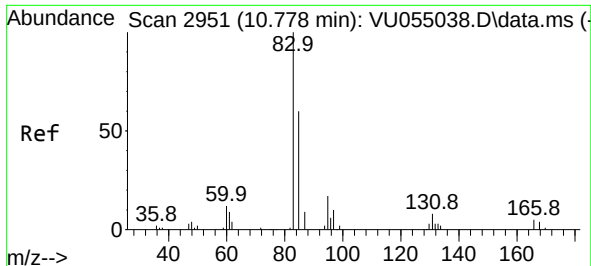
Tgt Ion:106 Resp: 96606
Ion Ratio Lower Upper
106 100
91 219.9 152.9 284.1



#55
Styrene
Concen: 5.285 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Tgt Ion:104 Resp: 163192
Ion Ratio Lower Upper
104 100
78 47.1 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.358 ug/L

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

Instrument :

MSVOA_U

ClientSampleId :

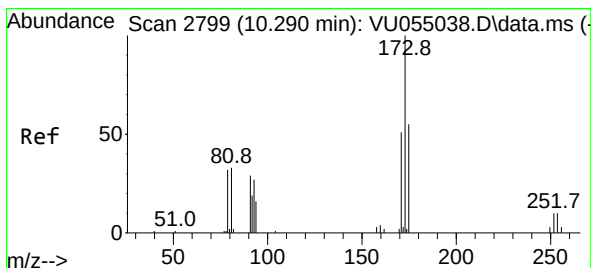
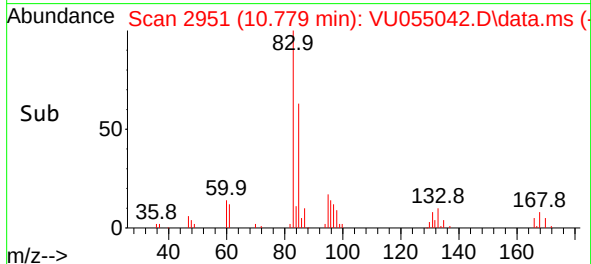
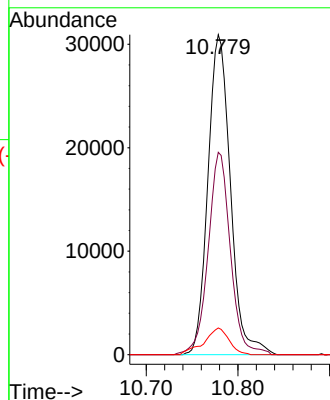
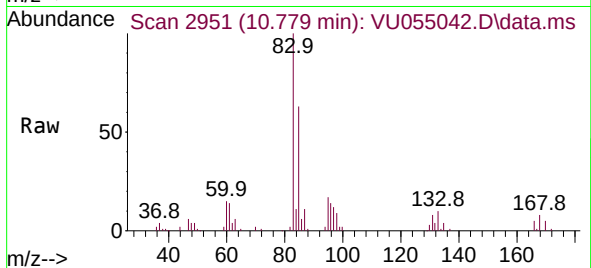
Tgt Ion: 83 Resp: 52684

Ion Ratio Lower Upper

83 100

85 63.2 42.4 78.6

131 8.3 7.6 11.4



#59

Bromoform

Concen: 4.959 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.000 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

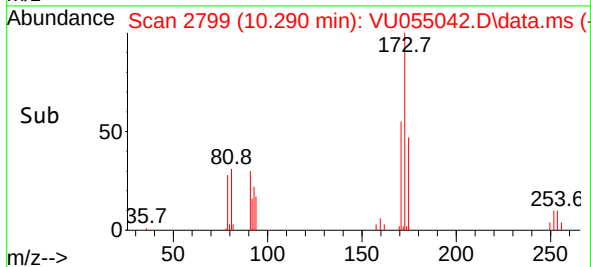
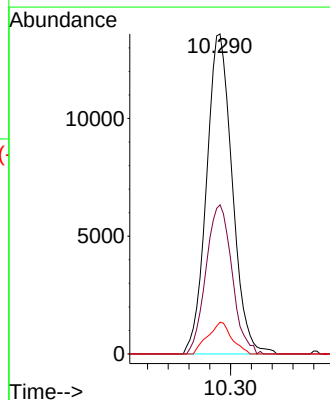
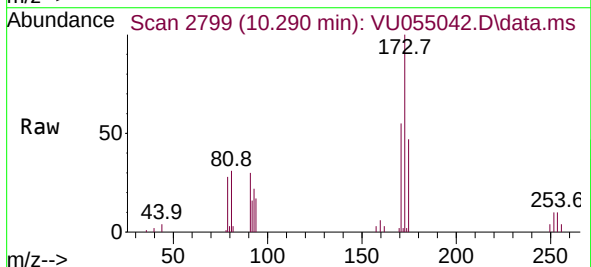
Tgt Ion: 173 Resp: 23360

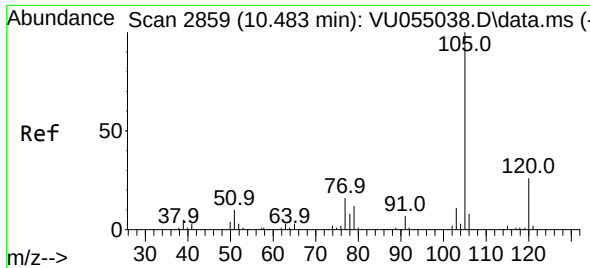
Ion Ratio Lower Upper

173 100

175 47.1 40.9 61.3

254 9.2 7.0 10.4

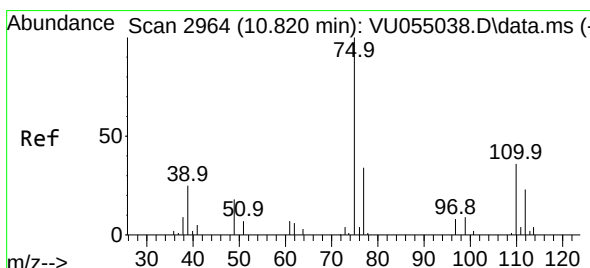
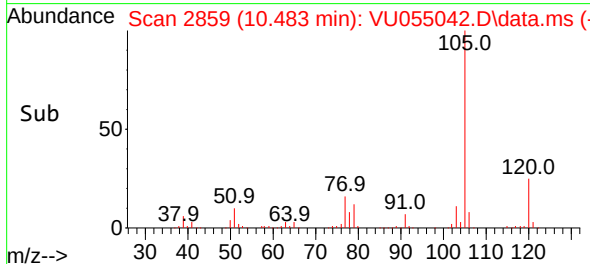
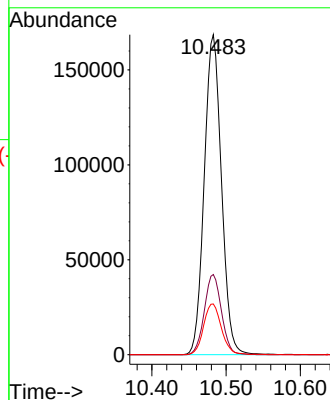
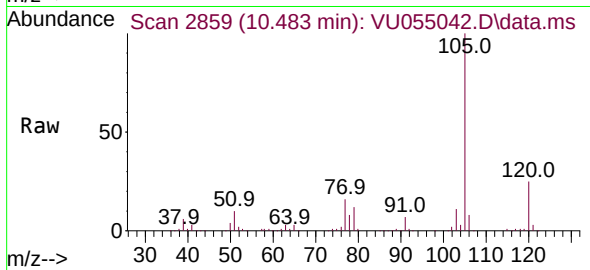




#60
Isopropylbenzene
Concen: 4.931 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

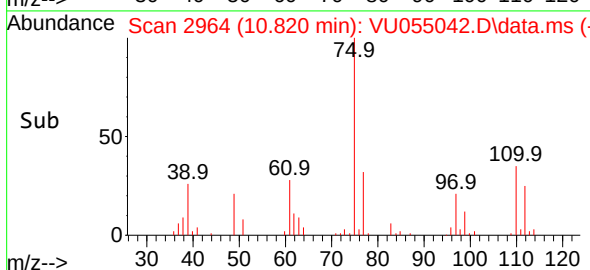
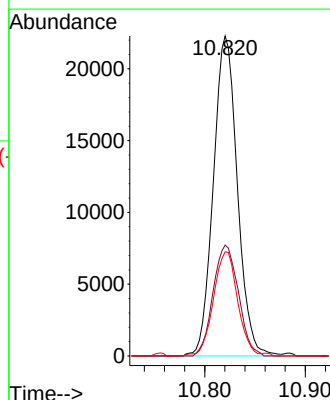
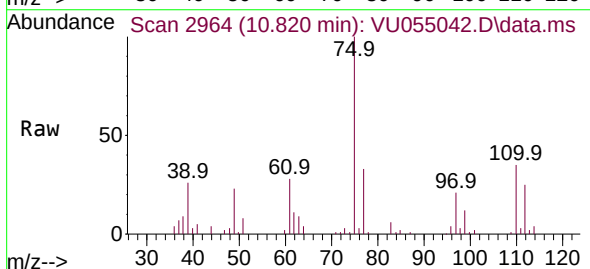
Instrument :
MSVOA_U
ClientSampleId :

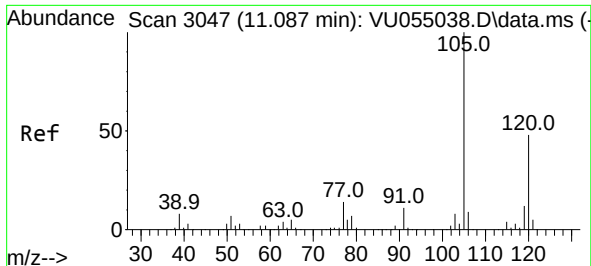
Tgt Ion:105 Resp: 271087
Ion Ratio Lower Upper
105 100
120 24.9 20.1 30.1
77 16.4 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 4.726 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Tgt Ion: 75 Resp: 36972
Ion Ratio Lower Upper
75 100
110 36.4 28.2 42.2
77 32.7 26.2 39.4

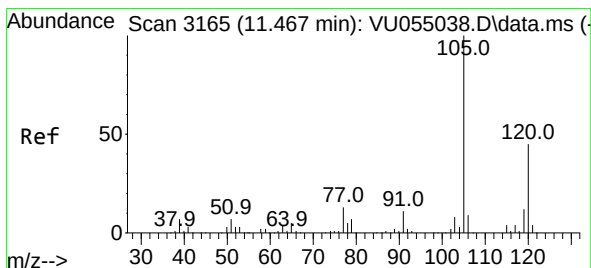
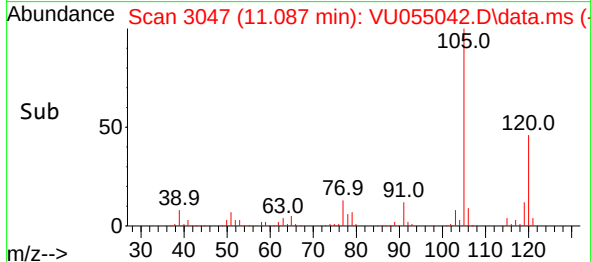
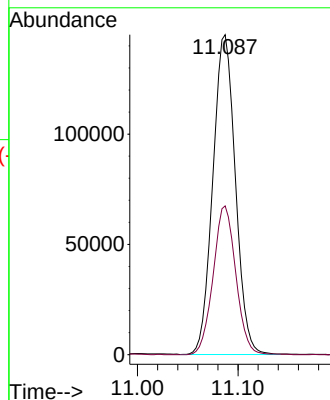
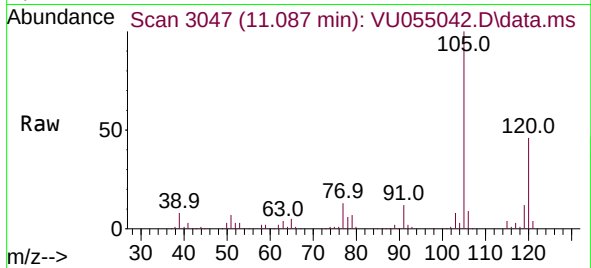




#62
 1,3,5-Trimethylbenzene
 Concen: 4.941 ug/L
 RT: 11.087 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VU055042.D
 Acq: 01 Sep 2023 15:17

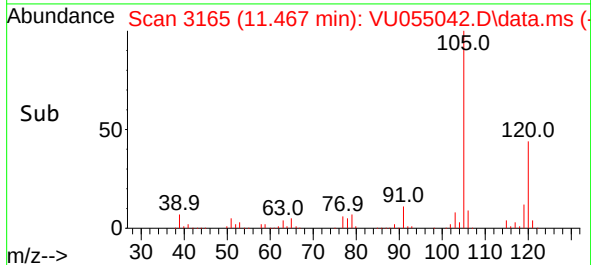
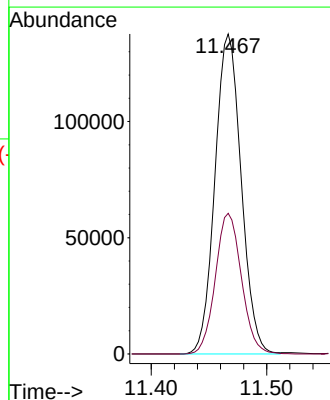
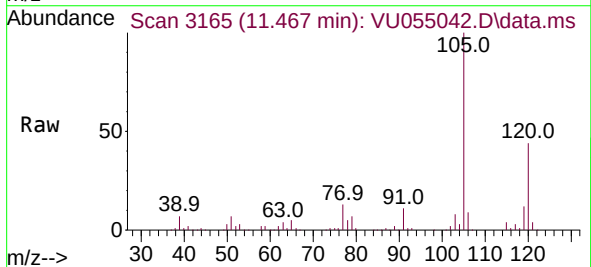
Instrument :
 MSVOA_U
 ClientSampleId :

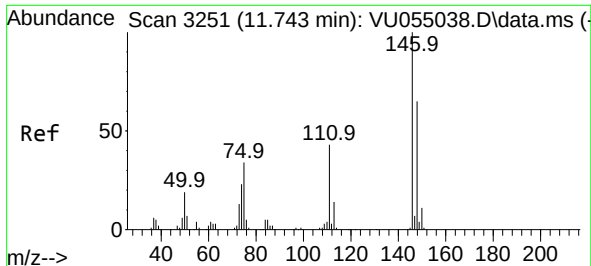
Tgt Ion:105 Resp: 225970
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.823 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VU055042.D
 Acq: 01 Sep 2023 15:17

Tgt Ion:105 Resp: 217381
 Ion Ratio Lower Upper
 105 100
 120 43.7 35.4 53.0

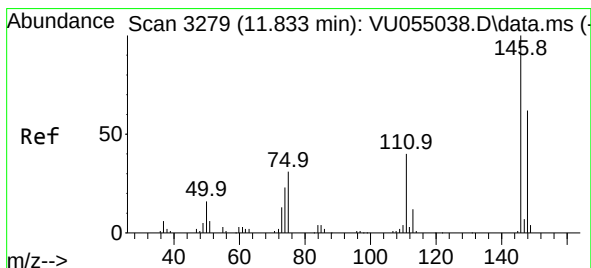
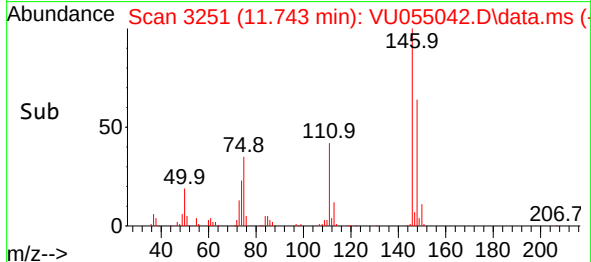
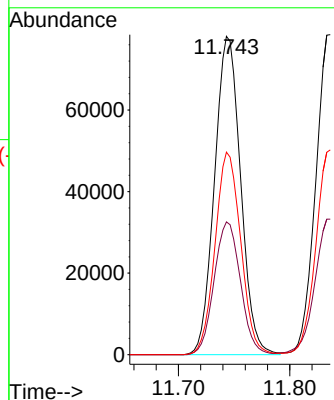
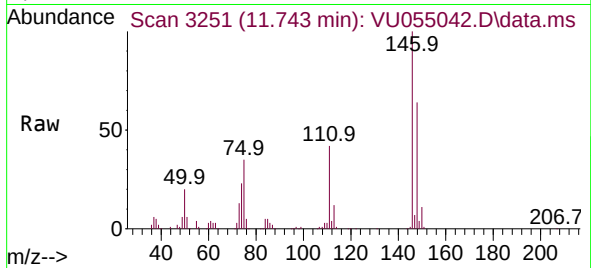




#64
1,3-Dichlorobenzene
Concen: 4.813 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

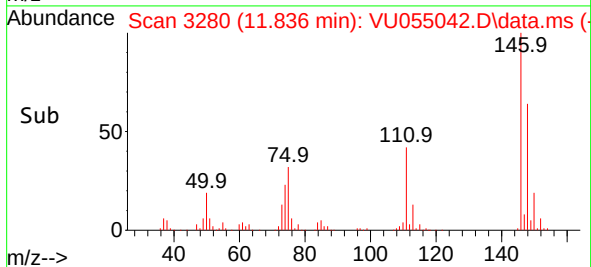
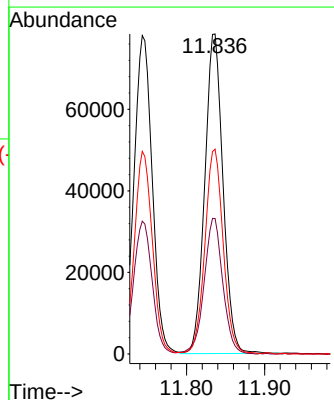
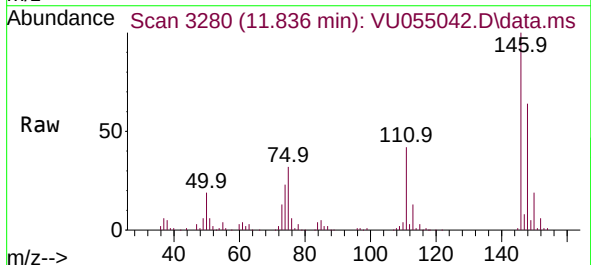
Instrument :
MSVOA_U
ClientSampleId :

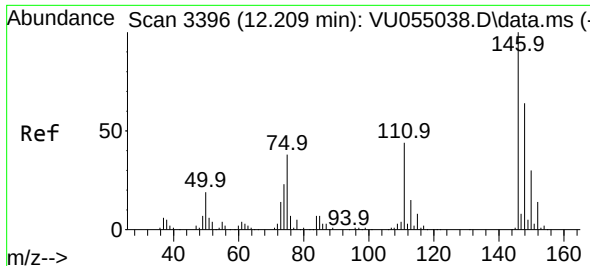
Tgt Ion:146 Resp: 127017
Ion Ratio Lower Upper
146 100
111 41.7 30.0 55.6
148 63.6 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.835 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.003 min
Lab File: VU055042.D
Acq: 01 Sep 2023 15:17

Tgt Ion:146 Resp: 127171
Ion Ratio Lower Upper
146 100
111 42.4 28.1 52.1
148 64.0 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 4.707 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

Instrument :

MSVOA_U

ClientSampleId :

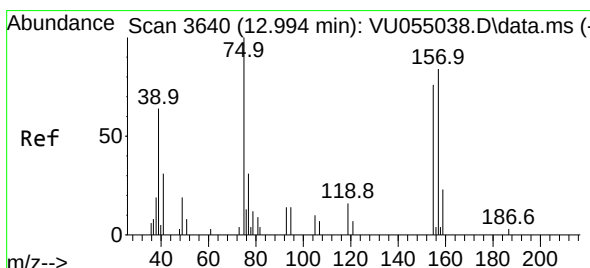
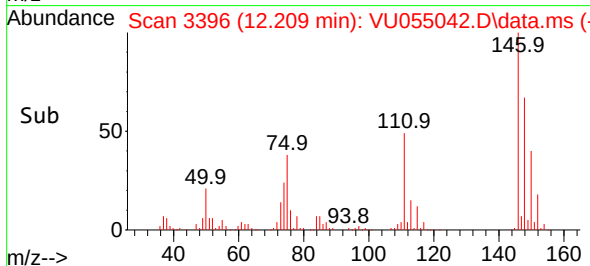
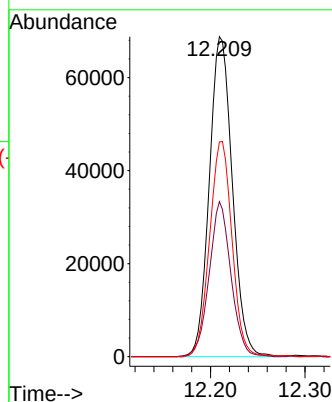
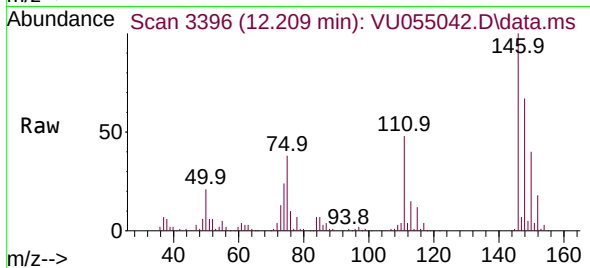
Tgt Ion:146 Resp: 116474

Ion Ratio Lower Upper

146 100

111 48.4 35.6 53.4

148 67.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.720 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

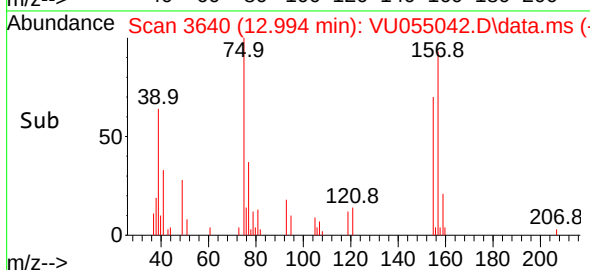
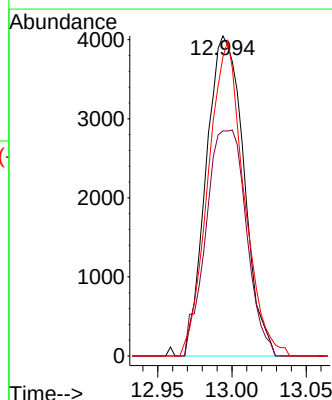
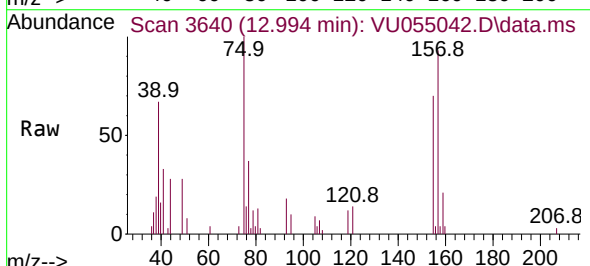
Tgt Ion: 75 Resp: 7113

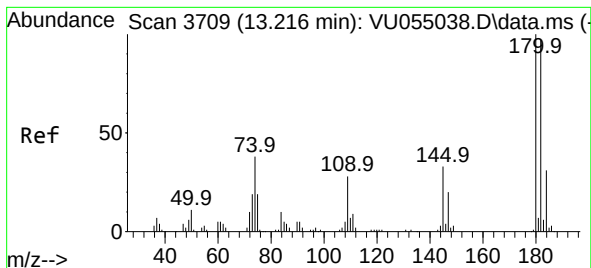
Ion Ratio Lower Upper

75 100

155 70.3 61.1 91.7

157 93.4 66.8 100.2





#69

1,3,5-Trichlorobenzene

Concen: 4.630 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 92337

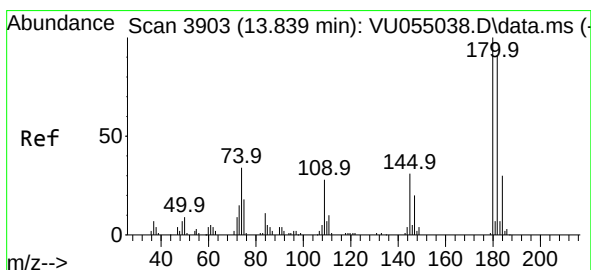
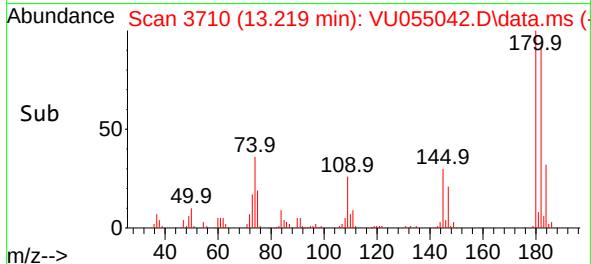
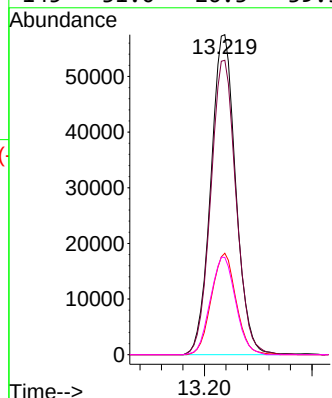
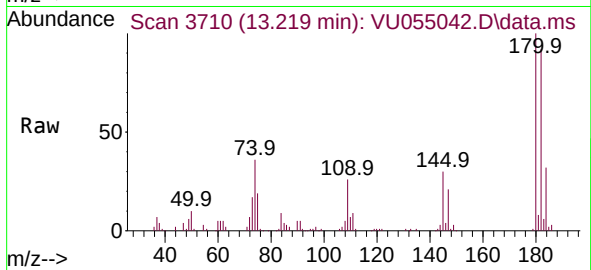
Ion Ratio Lower Upper

180 100

182 93.6 75.8 113.6

184 31.4 24.0 36.0

145 31.0 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 4.106 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.000 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

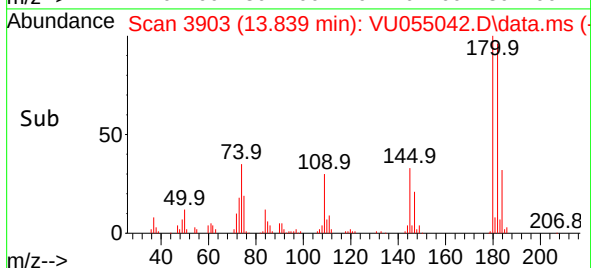
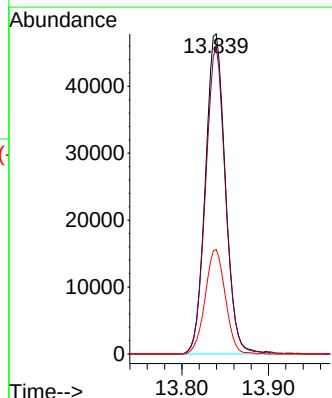
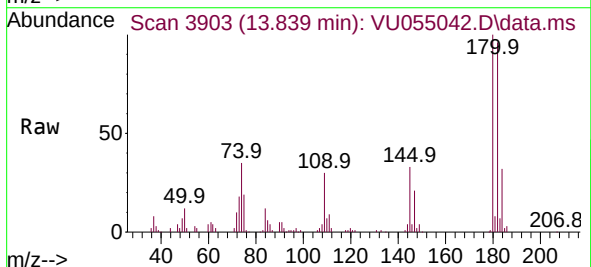
Tgt Ion:180 Resp: 76779

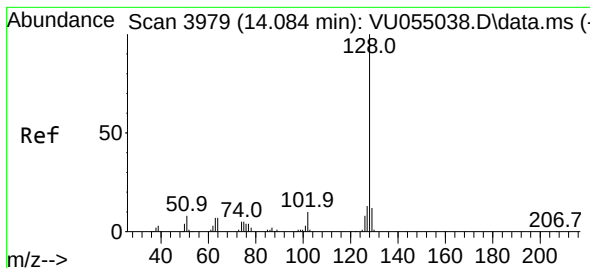
Ion Ratio Lower Upper

180 100

182 95.2 73.6 110.4

145 32.9 25.8 38.8





#71

Naphthalene

Concen: 4.030 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU055042.D

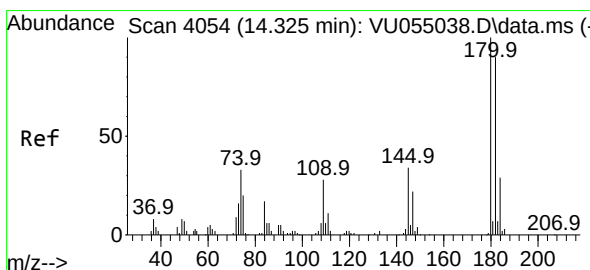
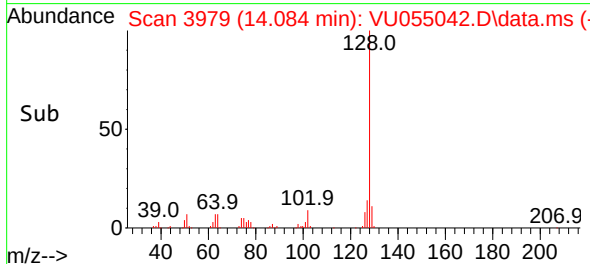
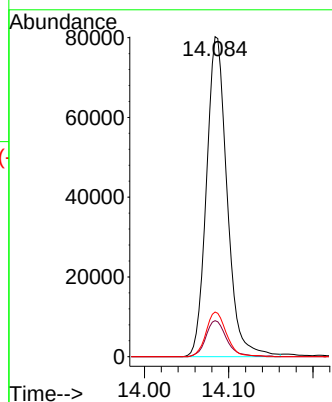
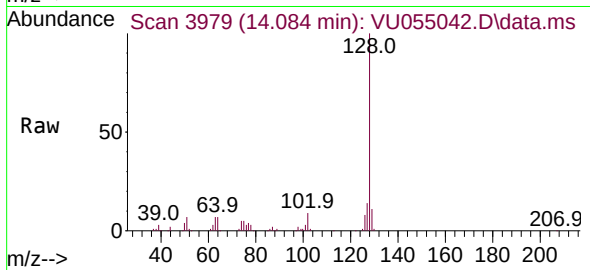
Acq: 01 Sep 2023 15:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	136994
Ion Ratio	Lower	Upper
128	100	
129	11.2	8.2 12.2
127	13.8	10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.214 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU055042.D

Acq: 01 Sep 2023 15:17

Tgt Ion:180	Resp:	68399
Ion Ratio	Lower	Upper
180	100	
182	95.7	75.6 113.4
145	33.4	27.0 40.6

