

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054920.D
 Acq On : 28 Aug 2023 12:34
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 04:47:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:38:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	203570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	192234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	104083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32247	5.019	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.908	69	39257	4.729	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 94.600%		
11) 1,1-Dichloroethene-d2	2.563	65	18171	5.004	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.000%		
20) 2-Butanone-d5	4.628	46	165607	47.750	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 95.500%		
24) Chloroform-d	5.062	84	124017	5.203	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.000%		
26) 1,2-Dichloroethane-d4	5.702	65	62617	4.937	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.800%		
32) Benzene-d6	5.727	84	222089	5.140	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.800%		
36) 1,2-Dichloropropane-d6	6.689	67	78698	5.178	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.600%		
41) Toluene-d8	7.898	98	214410	5.181	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.600%		
43) trans-1,3-Dichloroprop...	8.177	79	26542	5.307	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 106.200%		
46) 2-Hexanone-d5	8.634	63	113602	47.855	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 95.720%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	64640	4.960	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 99.200%		
66) 1,2-Dichlorobenzene-d4	12.193	152	87806	5.284	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	63510	5.035	ug/L	99
3) Chloromethane	1.518	50	64989	4.938	ug/L	99
5) Vinyl chloride	1.599	62	70540	5.163	ug/L	98
6) Bromomethane	1.853	94	41618	4.882	ug/L	97
8) Chloroethane	1.930	64	43304	4.820	ug/L	98
9) Trichlorofluoromethane	2.136	101	98254	5.054	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	51499	4.876	ug/L	95
12) 1,1-Dichloroethene	2.576	96	44604	4.852	ug/L	98
13) Acetone	2.631	43	90265	48.150	ug/L	97
14) Carbon disulfide	2.789	76	128102	5.032	ug/L	97
15) Methyl Acetate	2.953	43	19098	4.977	ug/L	92
16) Methylene chloride	3.043	84	52613	3.726	ug/L	98
17) Methyl tert-butyl Ether	3.364	73	127326	4.759	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	50939	5.071	ug/L	96
19) 1,1-Dichloroethane	3.866	63	104276	4.949	ug/L	99
21) 2-Butanone	4.708	43	140223	48.814	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	61218	5.112	ug/L	95
23) Bromochloromethane	4.975	128	25236	4.870	ug/L	97
25) Chloroform	5.087	83	111310	4.816	ug/L	97

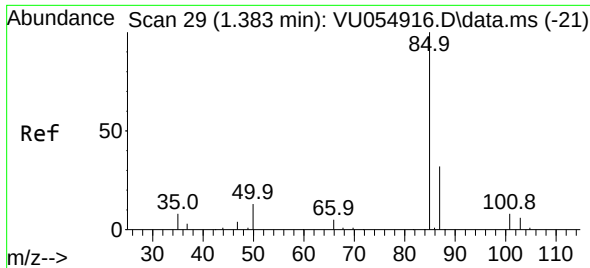
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Instrument :
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Quant Time: Aug 29 04:47:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	68527	4.853	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	94657	4.954	ug/L	100
30) Cyclohexane	5.386	56	88670	5.235	ug/L	98
31) Carbon tetrachloride	5.522	117	81321	5.002	ug/L	99
33) Benzene	5.772	78	232510	5.127	ug/L	100
34) Trichloroethene	6.541	95	64142	5.104	ug/L	96
35) Methylcyclohexane	6.763	83	95770	5.150	ug/L	98
37) 1,2-Dichloropropane	6.788	63	64336	5.089	ug/L	98
38) Bromodichloromethane	7.103	83	79159	5.048	ug/L	97
39) cis-1,3-Dichloropropene	7.608	75	96266	5.284	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	347689	49.333	ug/L	99
42) Toluene	7.968	91	254436	5.056	ug/L	100
44) trans-1,3-Dichloropropene	8.210	75	75825	5.040	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	43260	5.070	ug/L	98
47) Tetrachloroethene	8.554	164	48337	5.352	ug/L	92
48) 2-Hexanone	8.685	43	279096	53.473	ug/L	98
49) Dibromochloromethane	8.808	129	48607	4.918	ug/L	91
50) 1,2-Dibromoethane	8.923	107	40611	4.945	ug/L	98
51) Chlorobenzene	9.447	112	166887	5.095	ug/L	99
52) Ethylbenzene	9.570	91	288622	5.085	ug/L	99
53) m,p-Xylene	9.695	106	107695	5.063	ug/L	95
54) o-Xylene	10.100	106	108012	5.297	ug/L	93
55) Styrene	10.113	104	175451	5.220	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.782	83	52831	5.005	ug/L	96
59) Bromoform	10.290	173	25775	4.985	ug/L	96
60) Isopropylbenzene	10.483	105	295011	5.280	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	38430	4.959	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	251137	5.237	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	240896	5.415	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	137107	5.274	ug/L	100
65) 1,4-Dichlorobenzene	11.836	146	135547	5.212	ug/L	99
67) 1,2-Dichlorobenzene	12.213	146	123837	5.226	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	7946	5.292	ug/L	95
69) 1,3,5-Trichlorobenzene	13.219	180	95986	5.538	ug/L	99
70) 1,2,4-trichlorobenzene	13.840	180	79521	5.858	ug/L	98
71) Naphthalene	14.087	128	139911	6.851	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	66837	5.942	ug/L	99

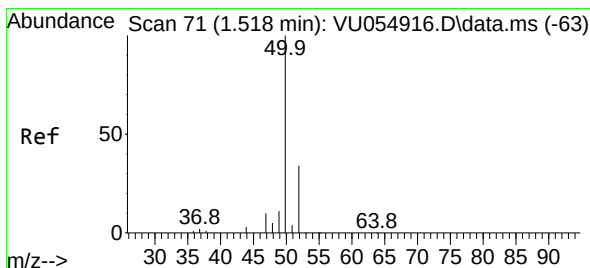
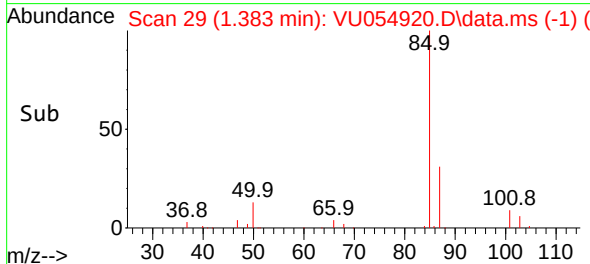
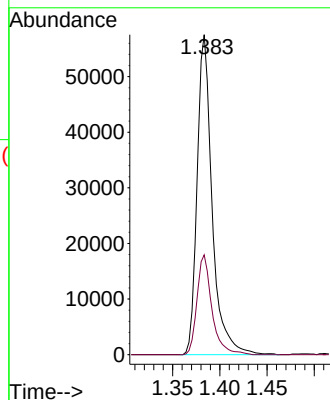
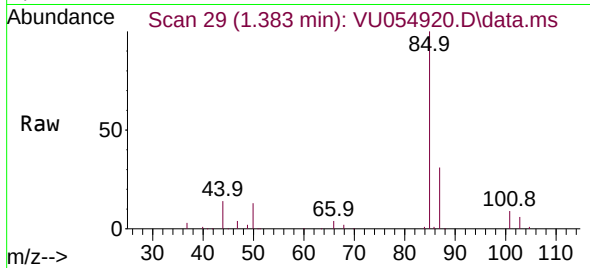
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#2
Dichlorodifluoromethane
Concen: 5.035 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

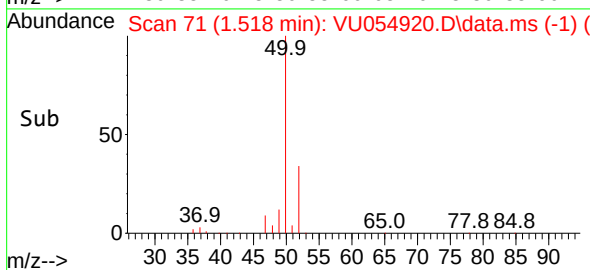
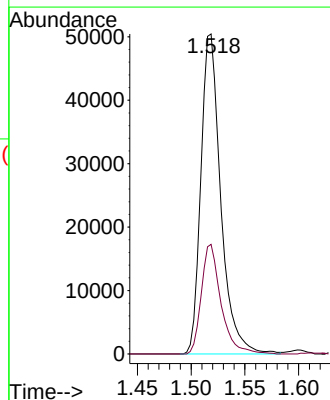
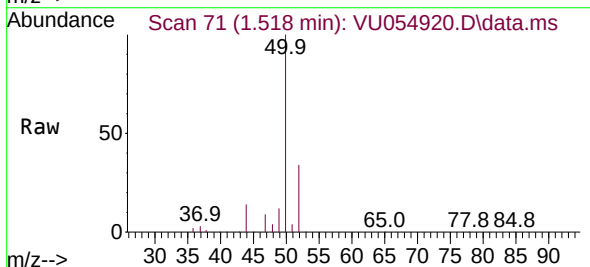
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MSVOA_U
ClientSampleId :

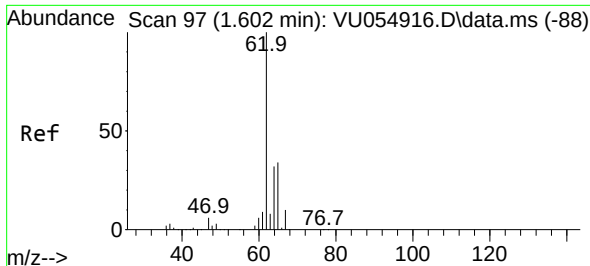
Tgt Ion: 85 Resp: 63510
Ion Ratio Lower Upper
85 100
87 31.0 25.4 38.0



#3
Chloromethane
Concen: 4.938 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

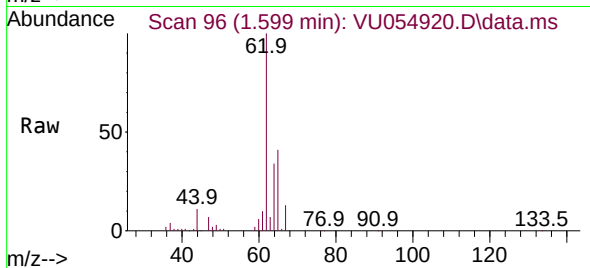
Tgt Ion: 50 Resp: 64989
Ion Ratio Lower Upper
50 100
52 34.3 23.4 43.6



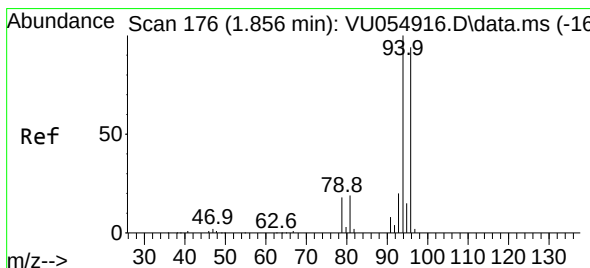
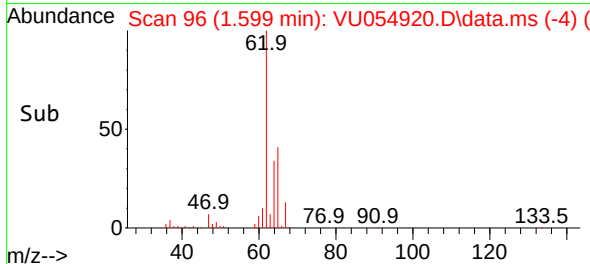
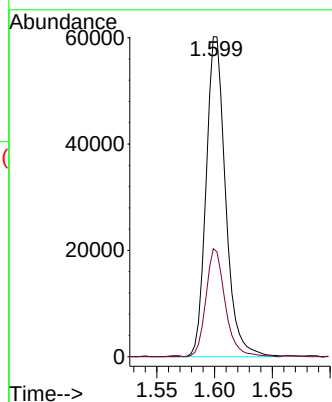


#5
 Vinyl chloride
 Concen: 5.163 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU054920.D
 Acq: 28 Aug 2023 12:34

Instrument :
 MSVOA_U
 ClientSampleId :

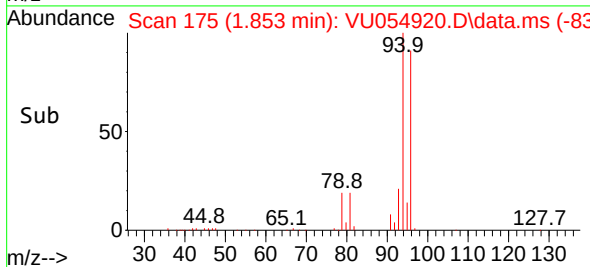
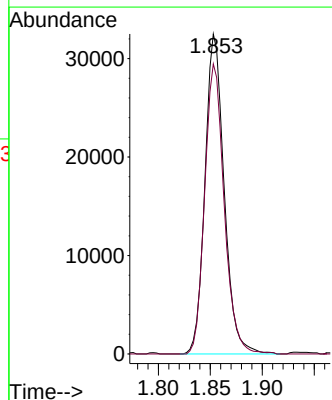
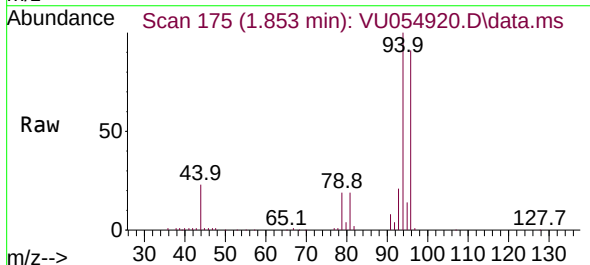


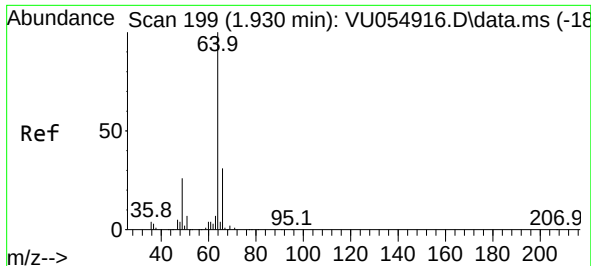
Tgt Ion: 62 Resp: 70540
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.7 42.1



#6
 Bromomethane
 Concen: 4.882 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU054920.D
 Acq: 28 Aug 2023 12:34

Tgt Ion: 94 Resp: 41618
 Ion Ratio Lower Upper
 94 100
 96 90.7 65.5 121.7

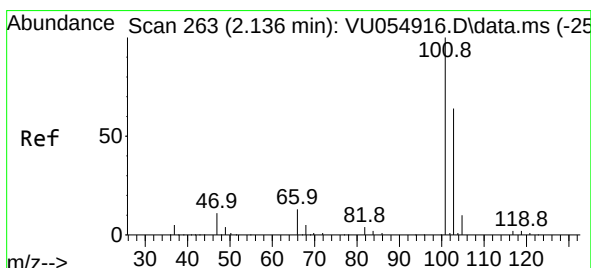
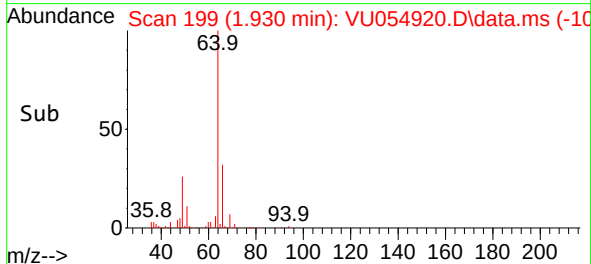
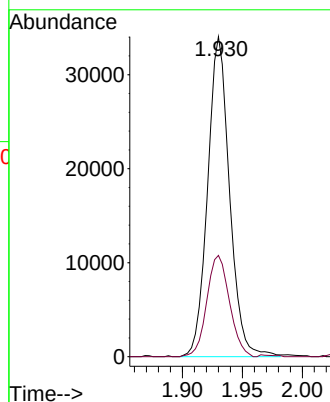
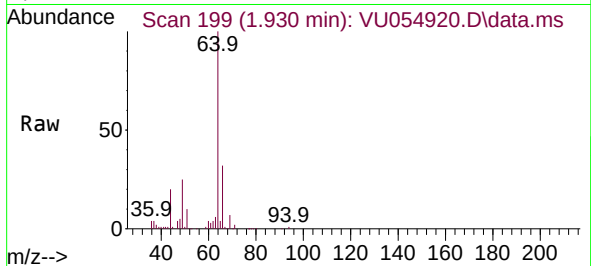




#8
Chloroethane
Concen: 4.820 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

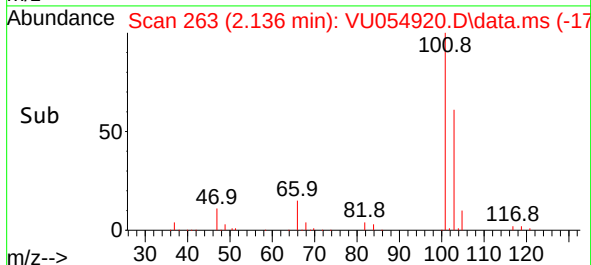
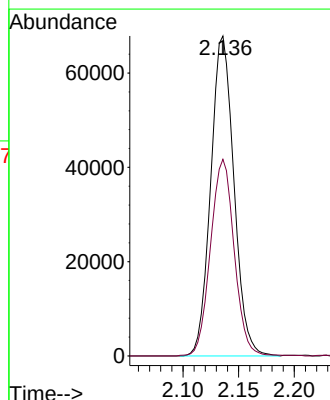
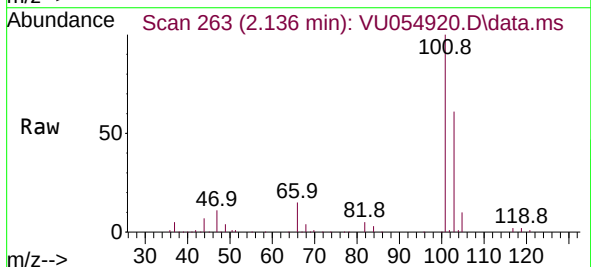
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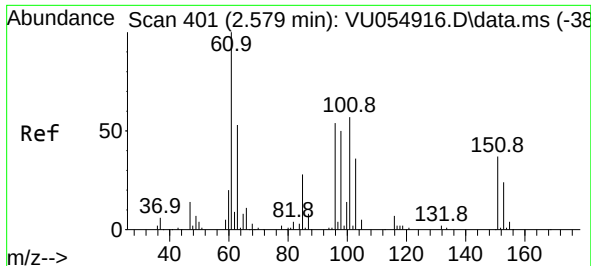
Tgt Ion: 64 Resp: 43304
Ion Ratio Lower Upper
64 100
66 31.7 21.5 39.9



#9
Trichlorofluoromethane
Concen: 5.054 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

Tgt Ion:101 Resp: 98254
Ion Ratio Lower Upper
101 100
103 62.9 51.0 76.4

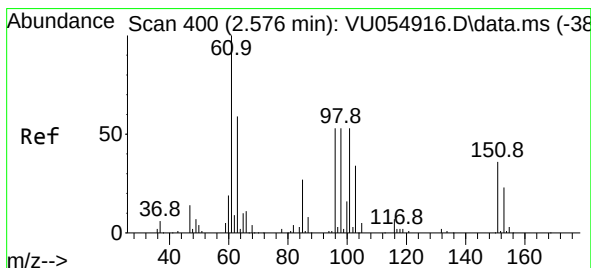
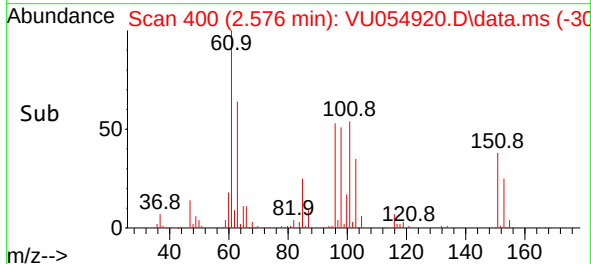
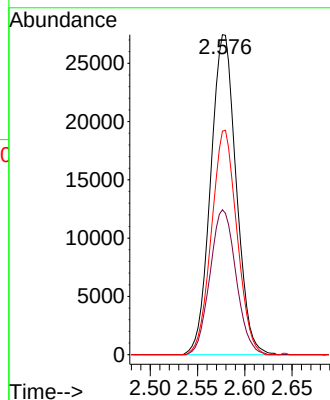
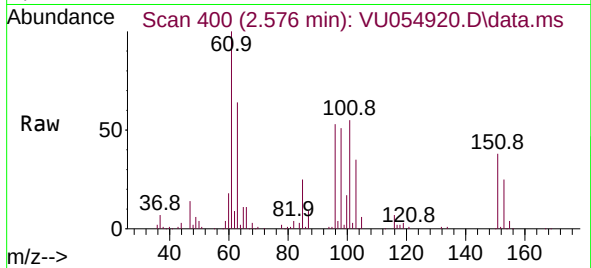




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.876 ug/L
 RT: 2.576 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU054920.D
 Acq: 28 Aug 2023 12:34

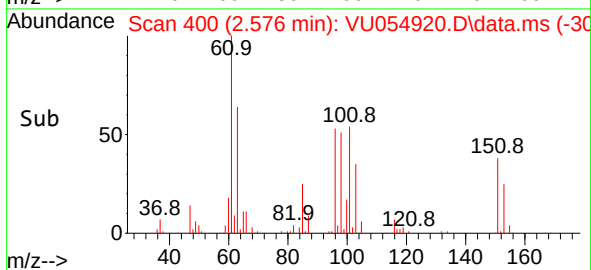
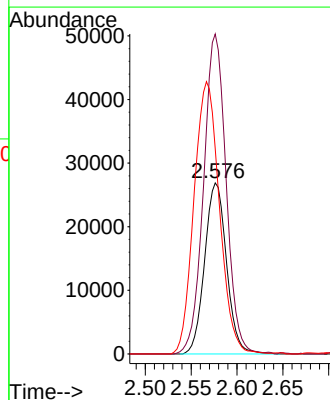
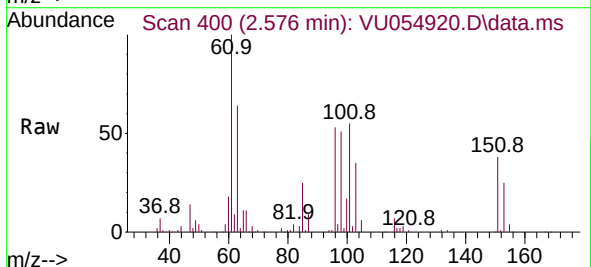
Instrument :
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 ClientSampleId :

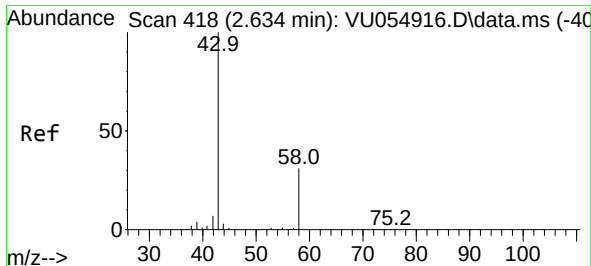
Tgt Ion:101 Resp: 51499
 Ion Ratio Lower Upper
 101 100
 85 46.2 38.3 57.5
 151 70.0 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 4.852 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU054920.D
 Acq: 28 Aug 2023 12:34

Tgt Ion: 96 Resp: 44604
 Ion Ratio Lower Upper
 96 100
 61 187.1 132.4 245.8
 63 120.0 82.5 153.1





#13

Acetone

Concen: 48.150 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

Instrument :

MSVOA_U

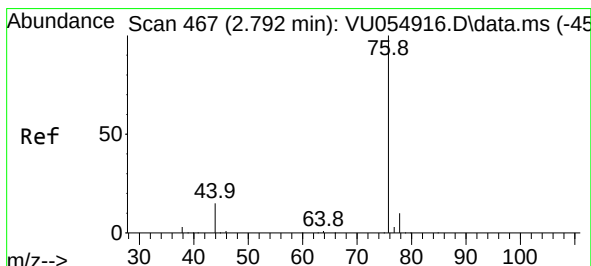
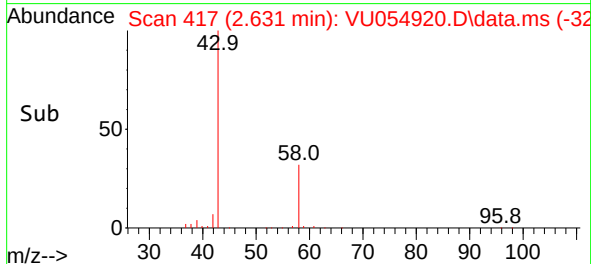
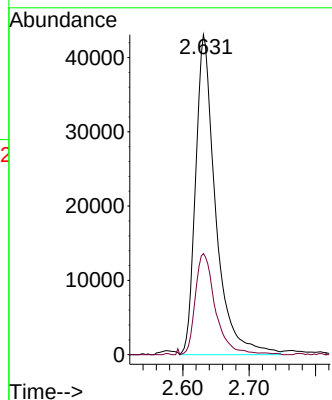
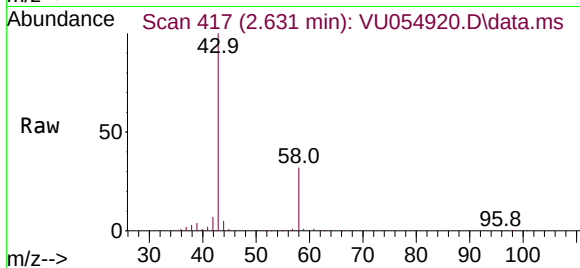
ClientSampleId :

Tgt Ion: 43 Resp: 90265

Ion Ratio Lower Upper

43 100

58 30.6 0.0 64.4



#14

Carbon disulfide

Concen: 5.032 ug/L

RT: 2.789 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU054920.D

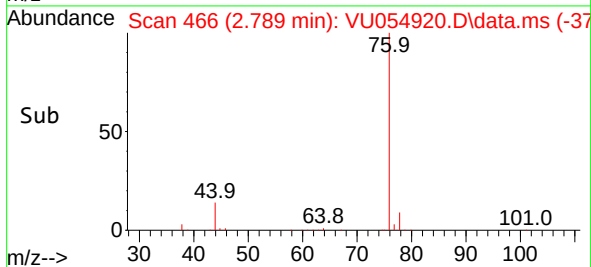
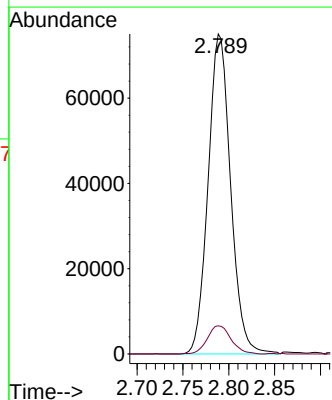
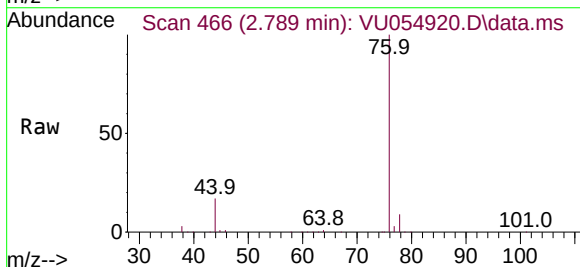
Acq: 28 Aug 2023 12:34

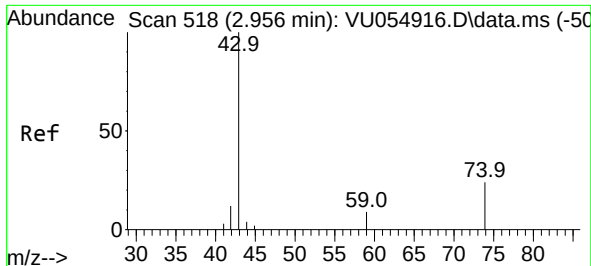
Tgt Ion: 76 Resp: 128102

Ion Ratio Lower Upper

76 100

78 9.1 8.2 12.2

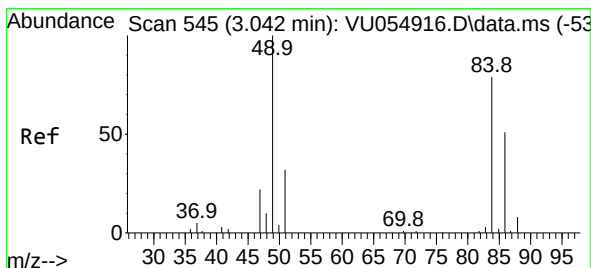
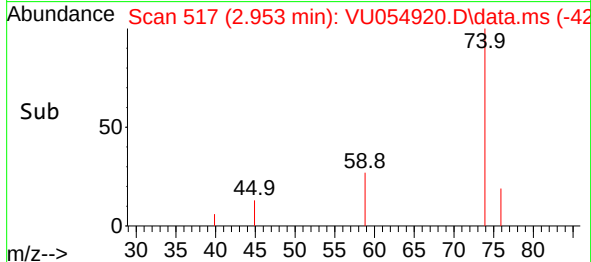
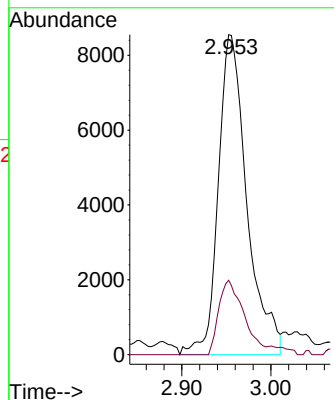
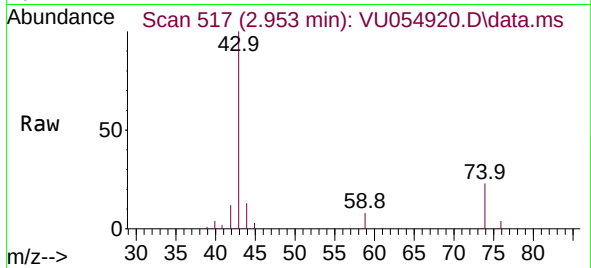




#15
Methyl Acetate
Concen: 4.977 ug/L
RT: 2.953 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

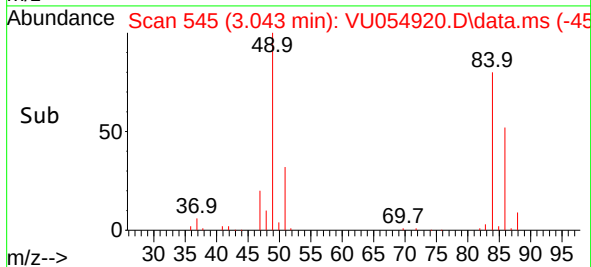
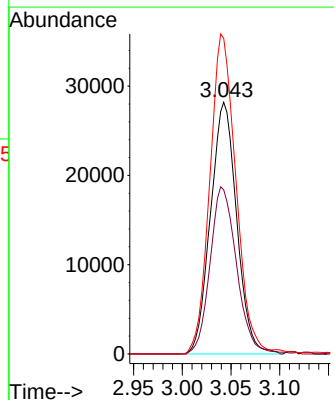
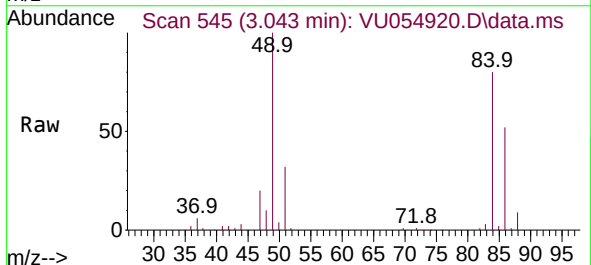
Instrument :
MSVOA_U
ClientSampleId :

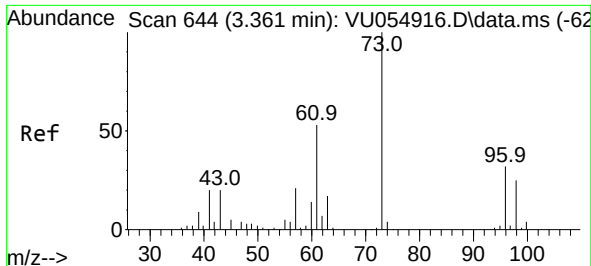
Tgt Ion: 43 Resp: 19098
Ion Ratio Lower Upper
43 100
74 20.4 19.5 29.3



#16
Methylene chloride
Concen: 3.726 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

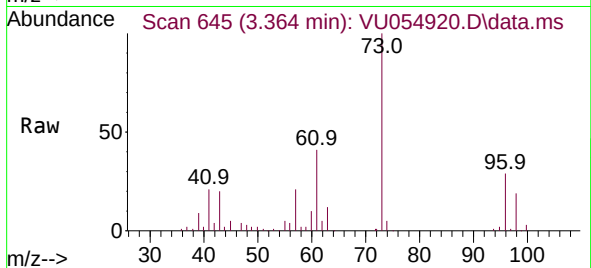
Tgt Ion: 84 Resp: 52613
Ion Ratio Lower Upper
84 100
86 65.3 45.1 83.7
49 125.5 89.5 166.3



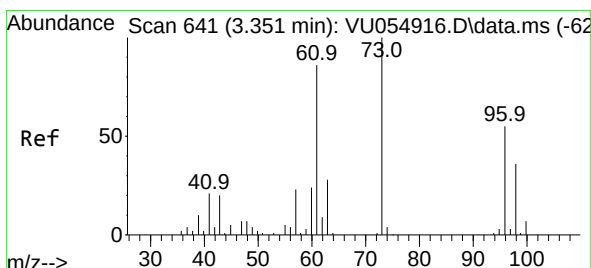
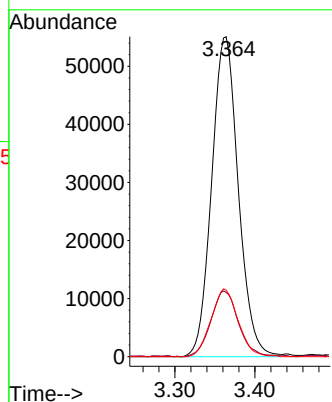
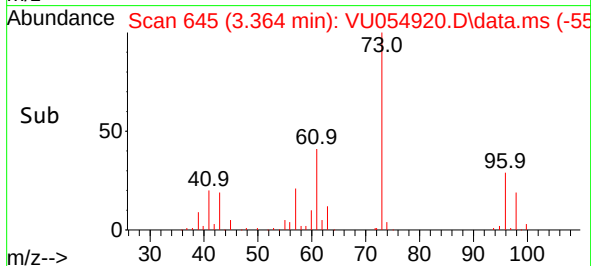


#17
Methyl tert-butyl Ether
Concen: 4.759 ug/L
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

Instrument :
MSVOA_U
ClientSampleId :

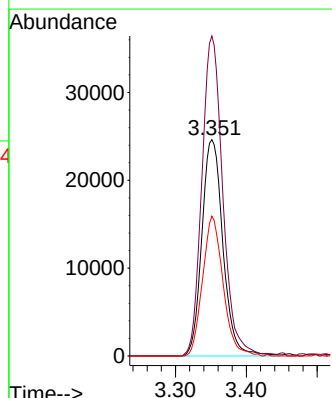
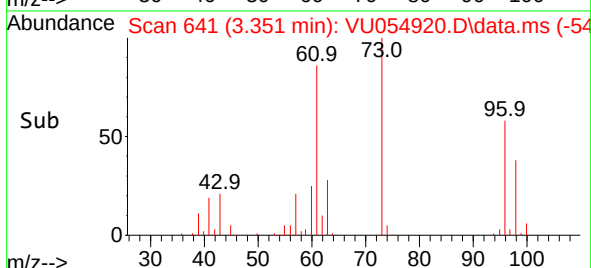
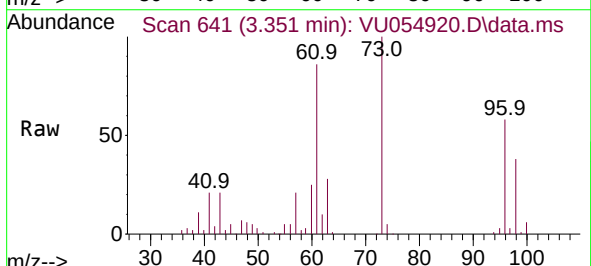


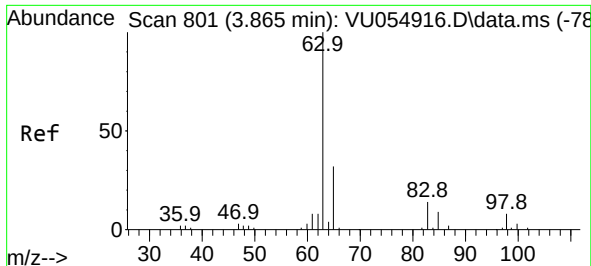
Tgt Ion: 73 Resp: 127326
Ion Ratio Lower Upper
73 100
43 21.5 16.2 24.2
57 21.5 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.071 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

Tgt Ion: 96 Resp: 50939
Ion Ratio Lower Upper
96 100
61 147.9 108.8 202.0
98 64.6 45.8 85.2

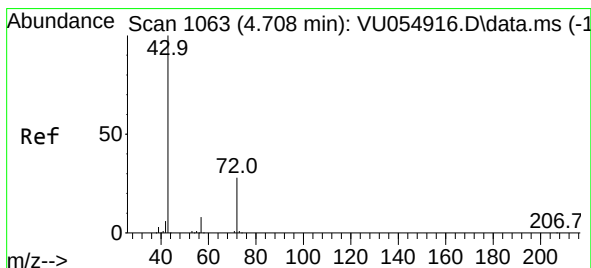
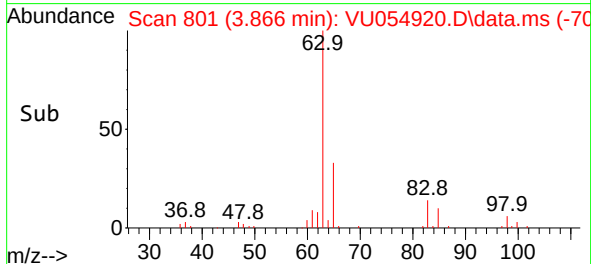
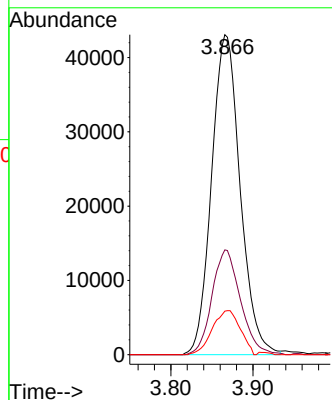
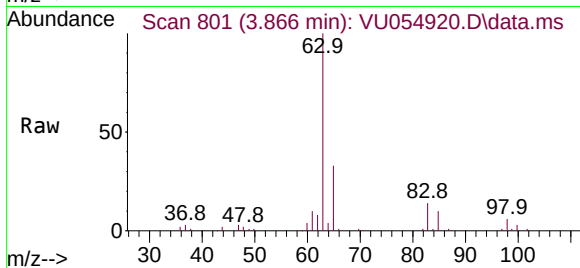




#19
1,1-Dichloroethane
Concen: 4.949 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

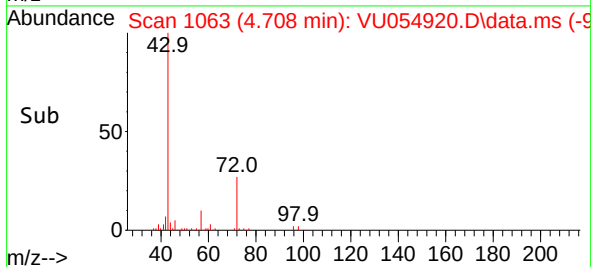
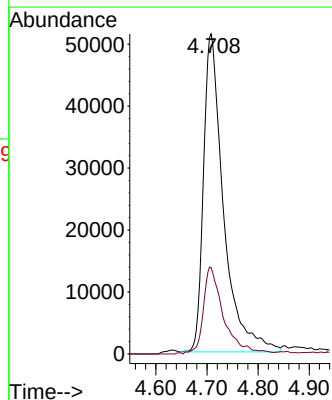
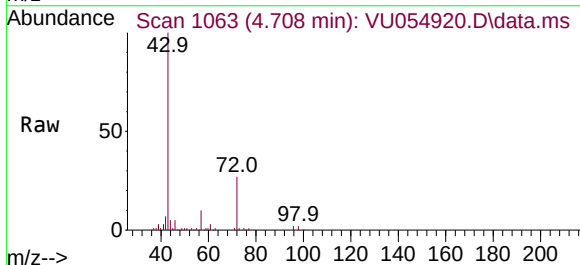
Instrument :
MSVOA_U
ClientSampleId :

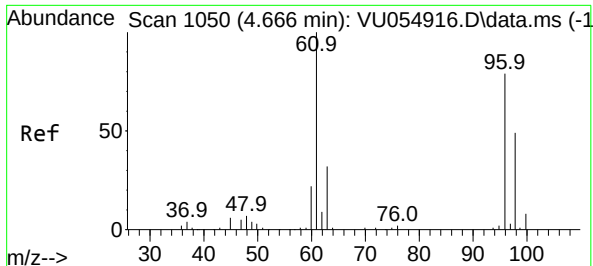
Tgt Ion: 63 Resp: 104276
Ion Ratio Lower Upper
63 100
65 32.8 22.5 41.7
83 13.6 9.5 17.7



#21
2-Butanone
Concen: 48.814 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

Tgt Ion: 43 Resp: 140223
Ion Ratio Lower Upper
43 100
72 25.9 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.112 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

Instrument :

MSVOA_U

ClientSampleId :

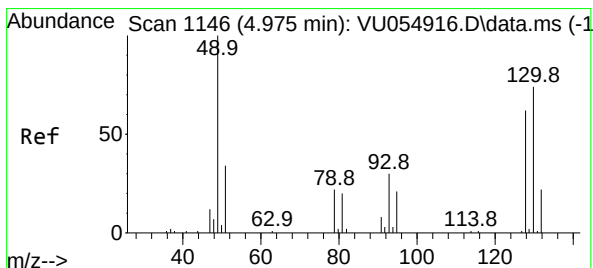
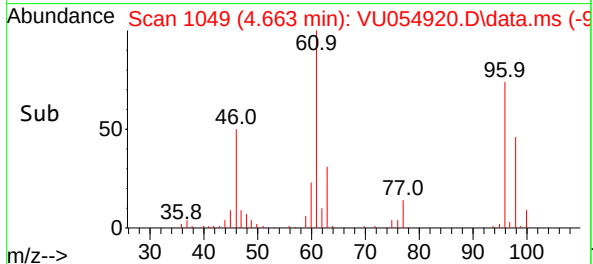
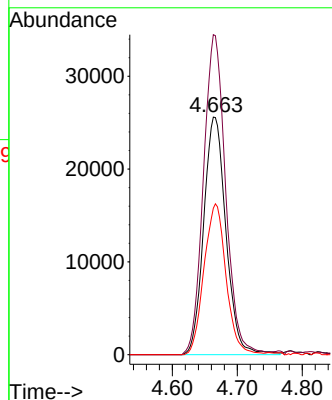
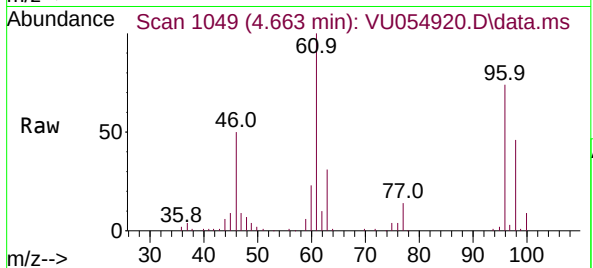
Tgt Ion: 96 Resp: 61218

Ion Ratio Lower Upper

96 100

61 134.7 88.4 164.2

98 61.6 44.0 81.6



#23

Bromochloromethane

Concen: 4.870 ug/L

RT: 4.975 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

Tgt Ion:128 Resp: 25236

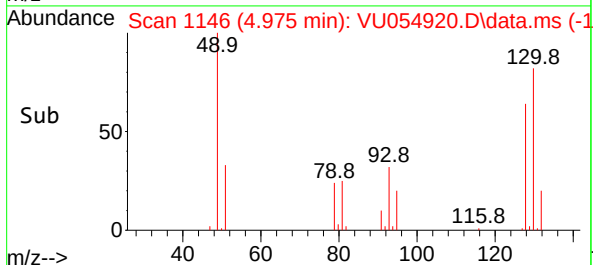
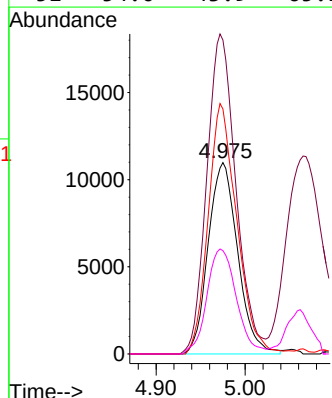
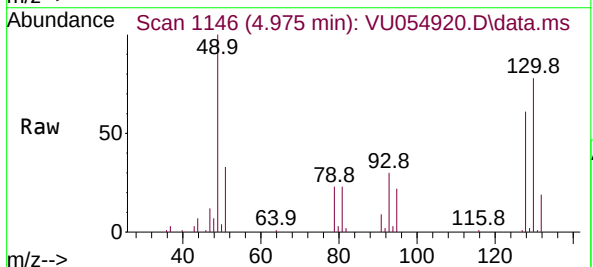
Ion Ratio Lower Upper

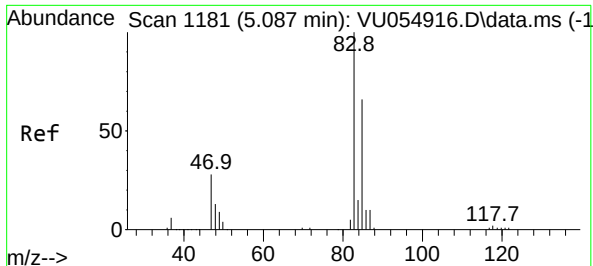
128 100

49 164.0 113.8 211.3

130 128.0 83.9 155.7

51 54.0 43.9 65.9





#25

Chloroform

Concen: 4.816 ug/L

RT: 5.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

Instrument :

MSVOA_U

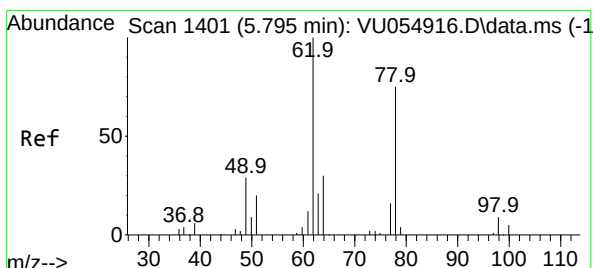
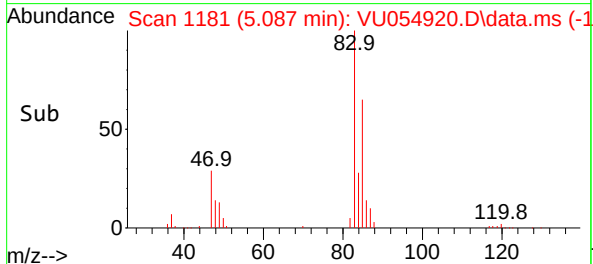
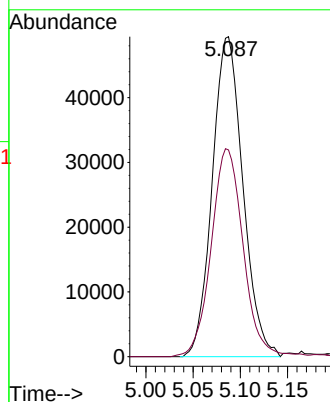
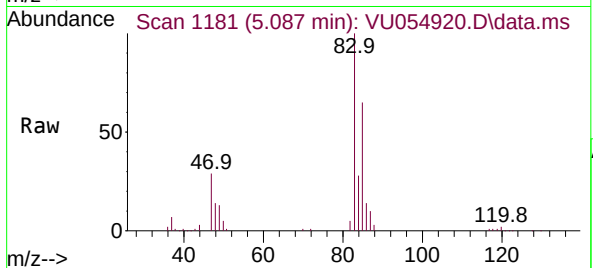
ClientSampleId :

Tgt Ion: 83 Resp: 111310

Ion Ratio Lower Upper

83 100

85 64.6 46.7 86.7



#27

1,2-Dichloroethane

Concen: 4.853 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VU054920.D

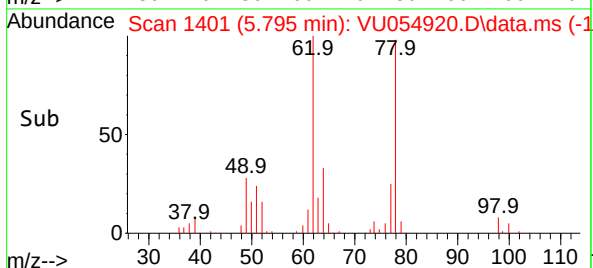
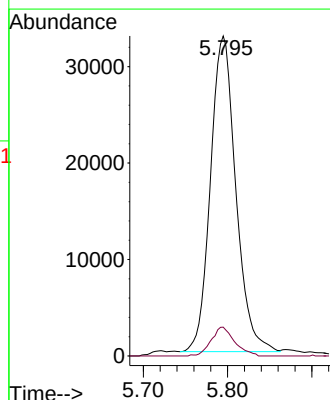
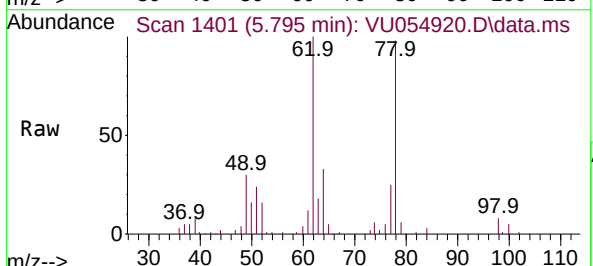
Acq: 28 Aug 2023 12:34

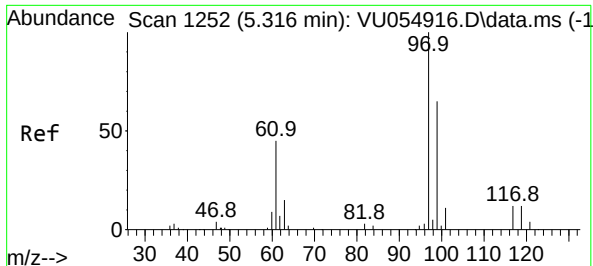
Tgt Ion: 62 Resp: 68527

Ion Ratio Lower Upper

62 100

98 9.0 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 4.954 ug/L

RT: 5.313 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

Instrument :

MSVOA_U

ClientSampleId :

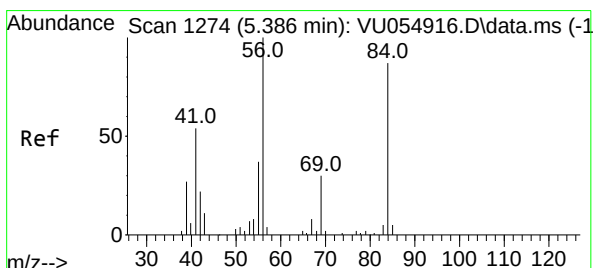
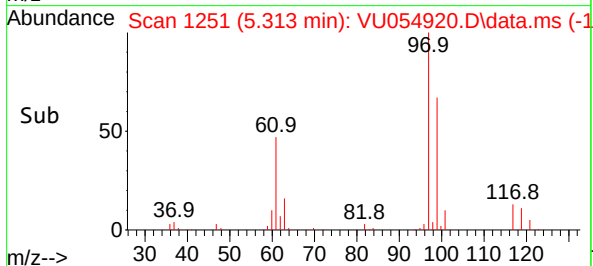
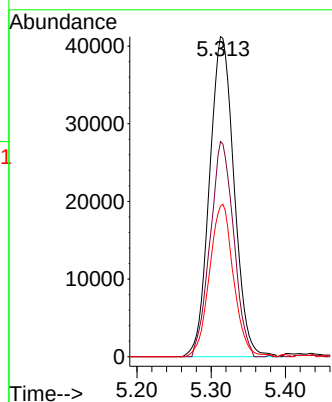
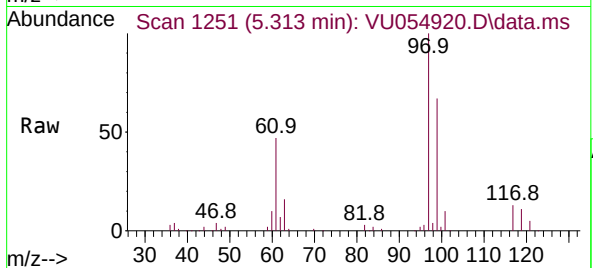
Tgt Ion: 97 Resp: 94657

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 46.5 37.2 55.8



#30

Cyclohexane

Concen: 5.235 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

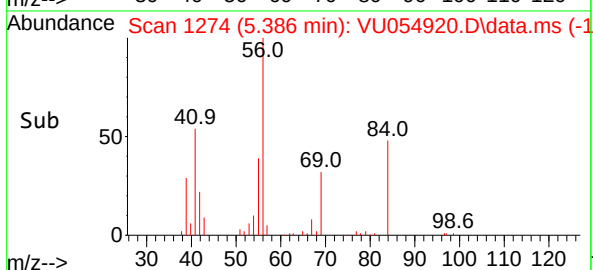
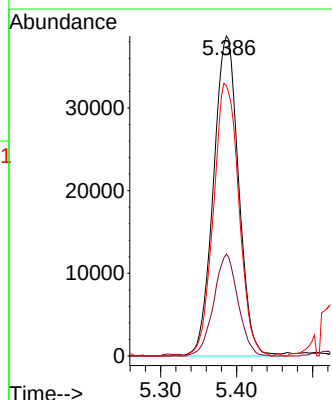
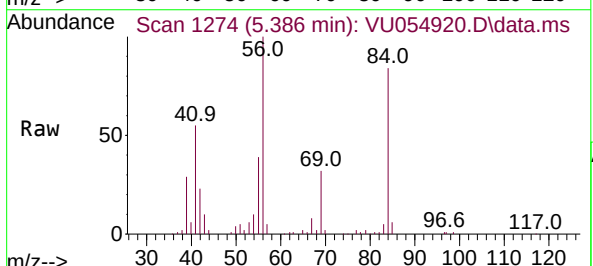
Tgt Ion: 56 Resp: 88670

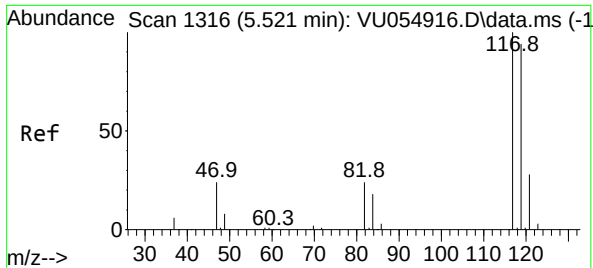
Ion Ratio Lower Upper

56 100

69 30.8 24.5 36.7

84 86.2 71.3 106.9

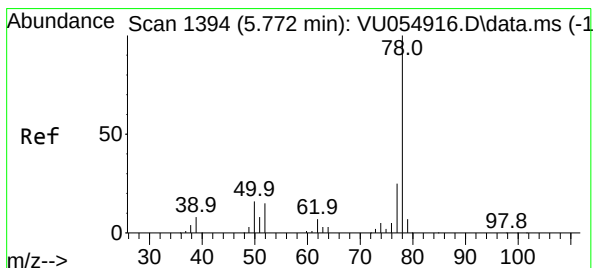
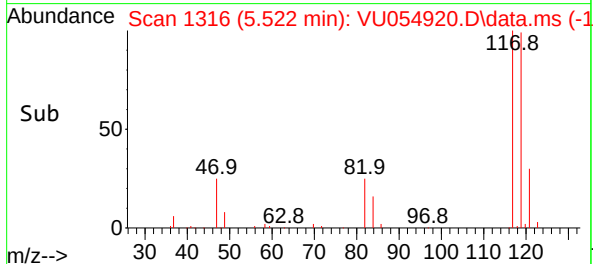
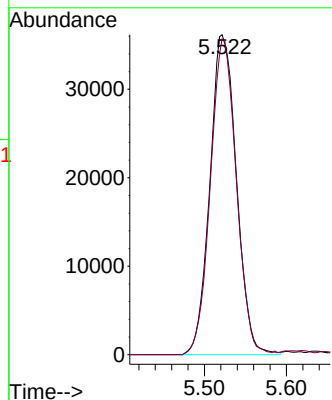
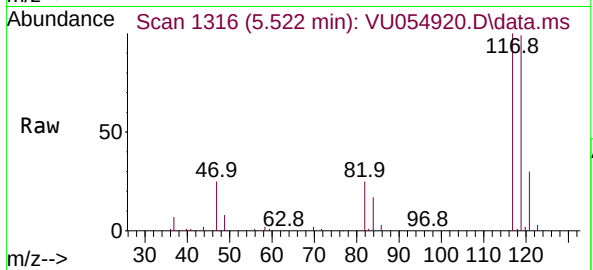




#31
Carbon tetrachloride
Concen: 5.002 ug/L
RT: 5.522 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

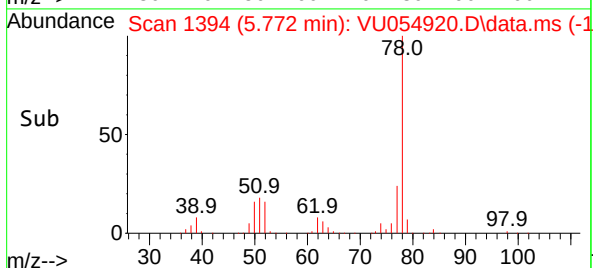
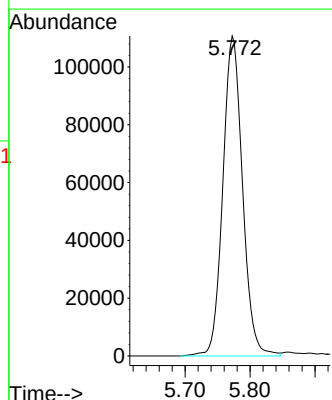
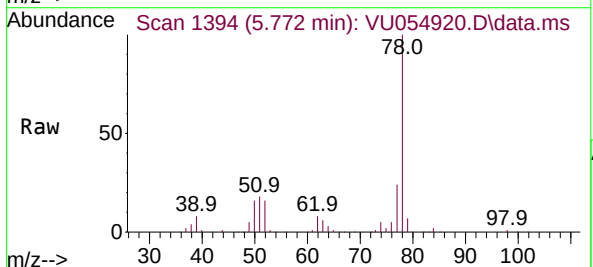
Instrument :
MSVOA_U
ClientSampleId :

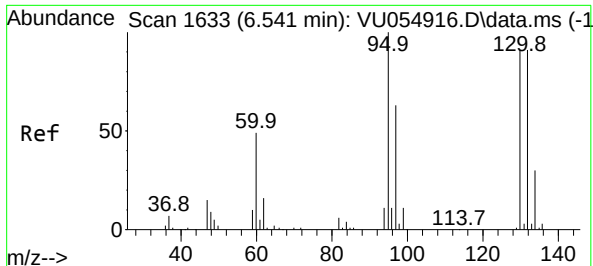
Tgt Ion:117 Resp: 81321
Ion Ratio Lower Upper
117 100
119 96.5 76.6 115.0



#33
Benzene
Concen: 5.127 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

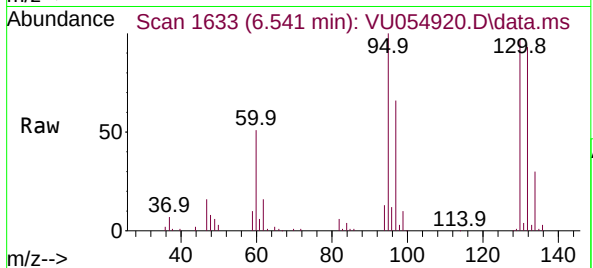
Tgt Ion: 78 Resp: 232510



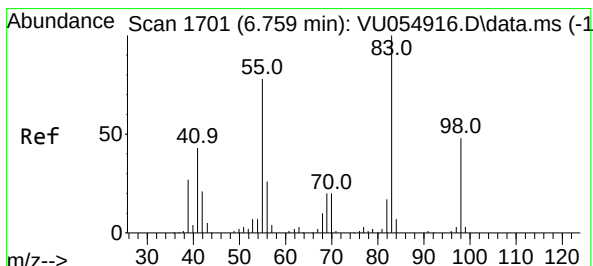
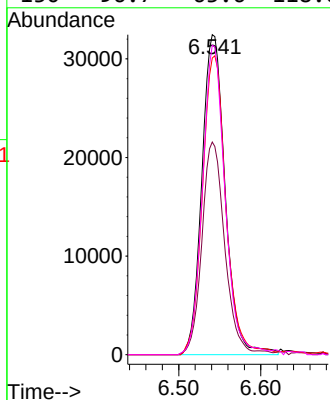
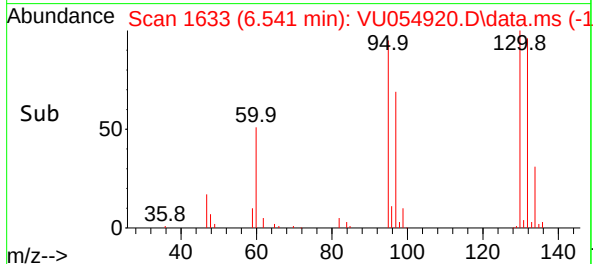


#34
Trichloroethene
Concen: 5.104 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

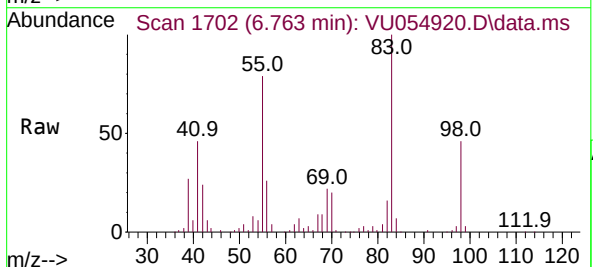
Instrument :
MSVOA_U
ClientSampleId :



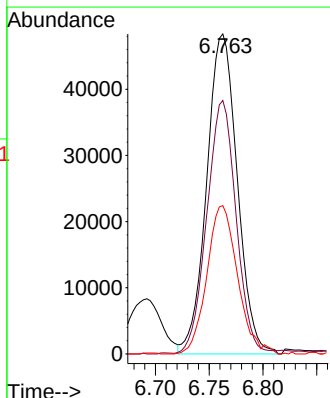
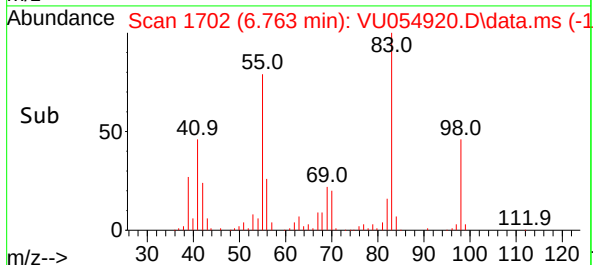
Tgt Ion: 95 Resp: 64142
Ion Ratio Lower Upper
95 100
97 66.5 44.1 81.9
132 92.7 63.6 118.2
130 96.7 63.6 118.0

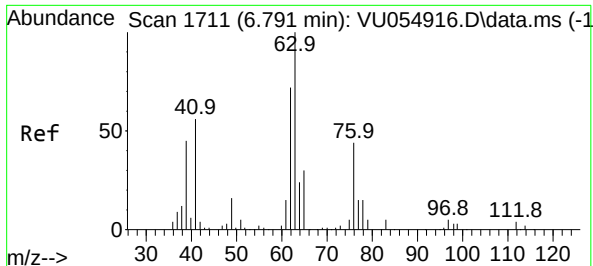


#35
Methylcyclohexane
Concen: 5.150 ug/L
RT: 6.763 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34



Tgt Ion: 83 Resp: 95770
Ion Ratio Lower Upper
83 100
55 75.3 62.1 93.1
98 46.4 37.8 56.6

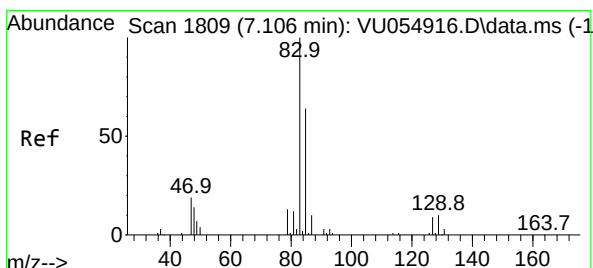
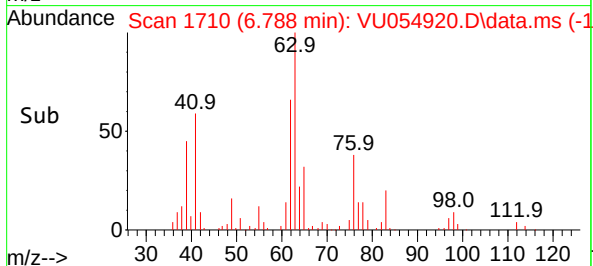
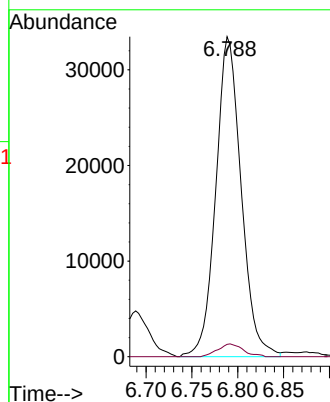
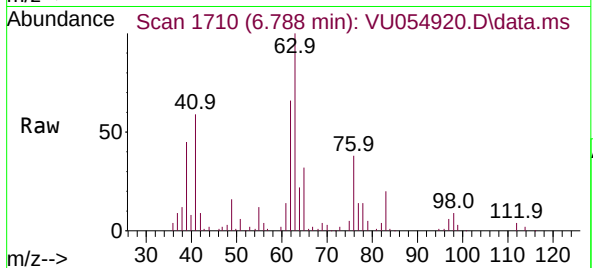




#37
1,2-Dichloropropane
Concen: 5.089 ug/L
RT: 6.788 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

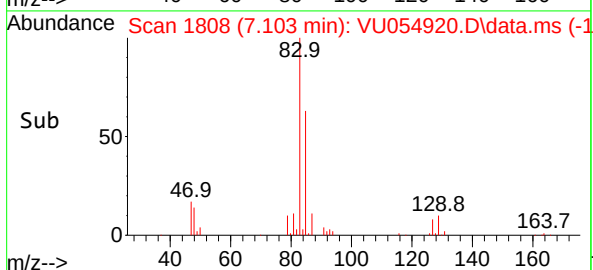
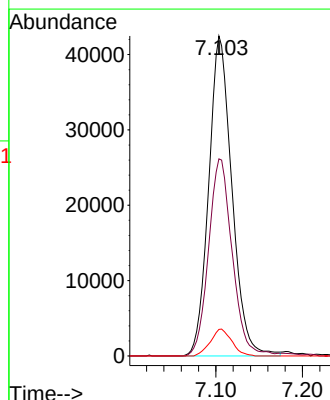
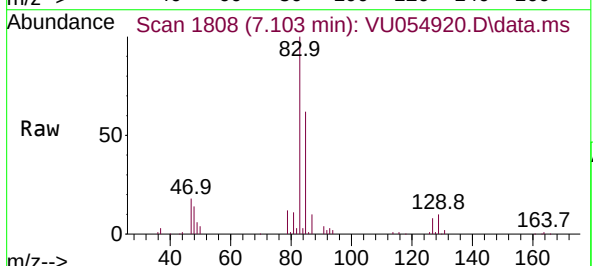
Instrument :
MSVOA_U
ClientSampleId :

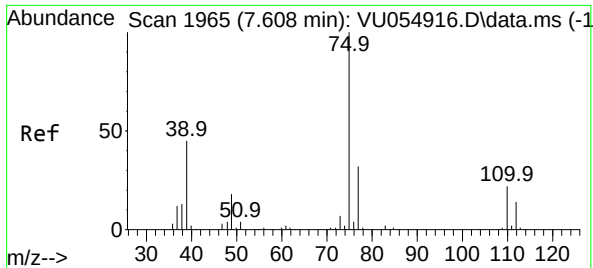
Tgt Ion: 63 Resp: 64336
Ion Ratio Lower Upper
63 100
112 4.0 2.7 4.1



#38
Bromodichloromethane
Concen: 5.048 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.003 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

Tgt Ion: 83 Resp: 79159
Ion Ratio Lower Upper
83 100
85 61.6 45.1 83.7
127 8.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 5.284 ug/L

RT: 7.608 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

Instrument :

MSVOA_U

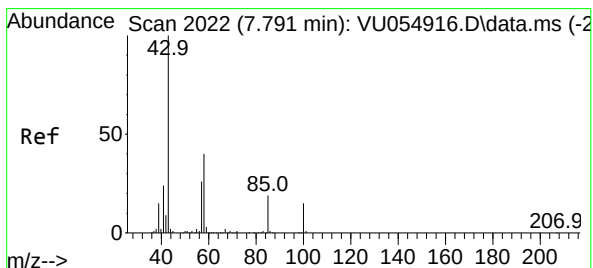
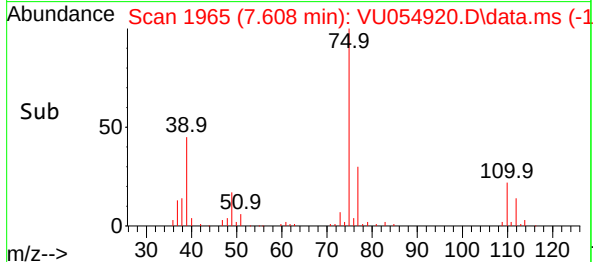
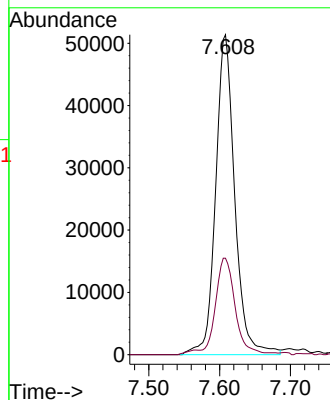
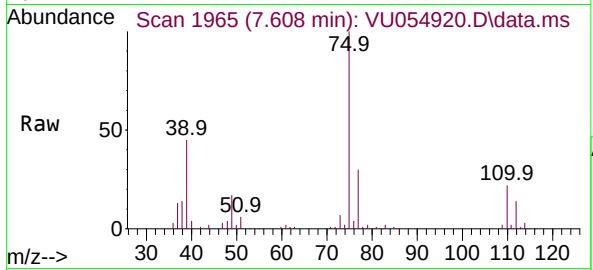
ClientSampleId :

Tgt Ion: 75 Resp: 96266

Ion Ratio Lower Upper

75 100

77 30.2 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 49.333 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.003 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

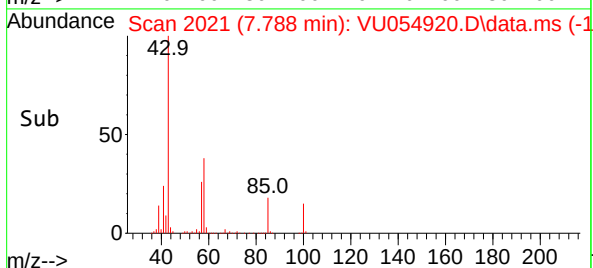
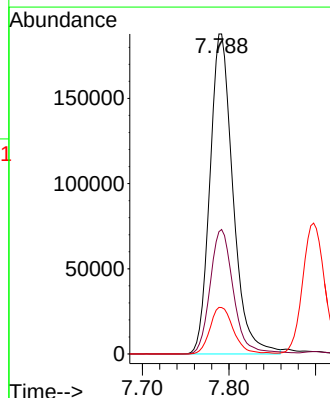
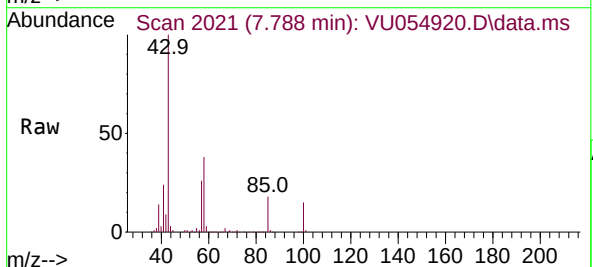
Tgt Ion: 43 Resp: 347689

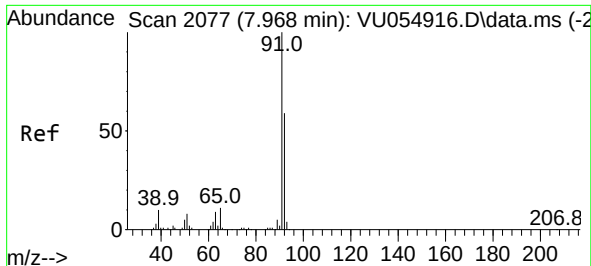
Ion Ratio Lower Upper

43 100

58 39.5 32.1 48.1

100 14.9 11.8 17.6





#42

Toluene

Concen: 5.056 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

Instrument :

MSVOA_U

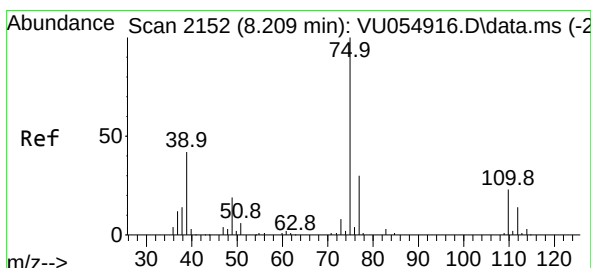
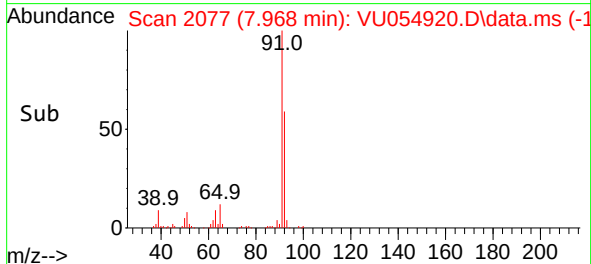
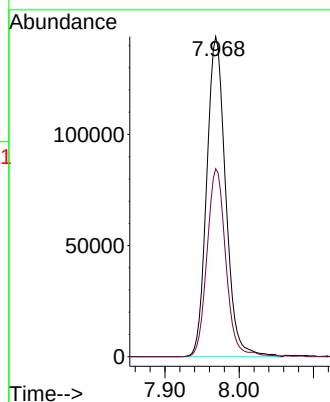
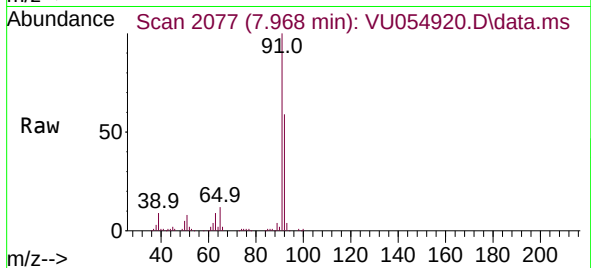
ClientSampleId :

Tgt Ion: 91 Resp: 254436

Ion Ratio Lower Upper

91 100

92 58.8 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.040 ug/L

RT: 8.210 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU054920.D

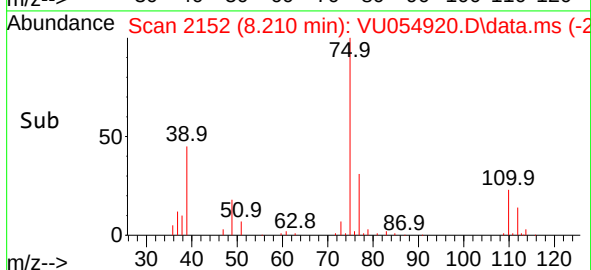
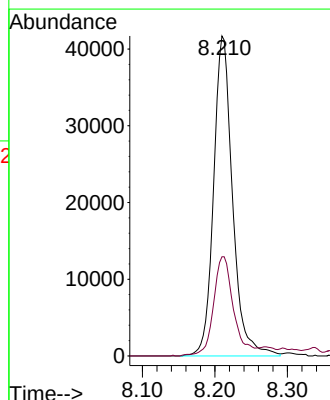
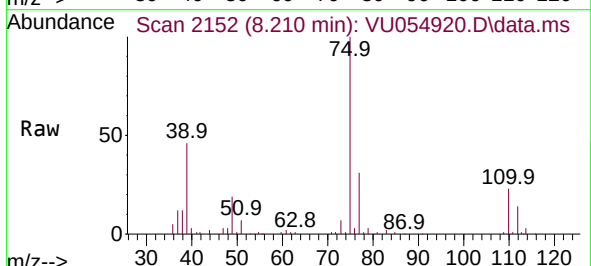
Acq: 28 Aug 2023 12:34

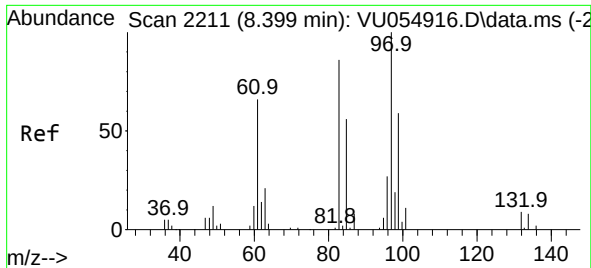
Tgt Ion: 75 Resp: 75825

Ion Ratio Lower Upper

75 100

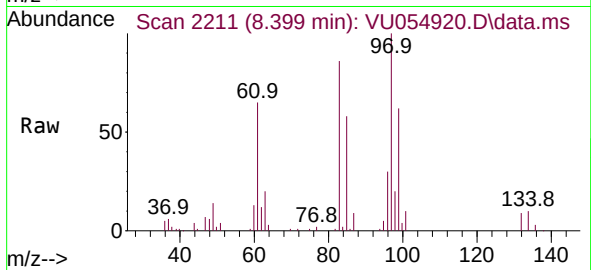
77 31.0 21.3 39.5



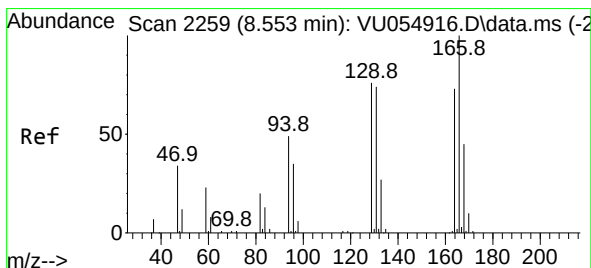
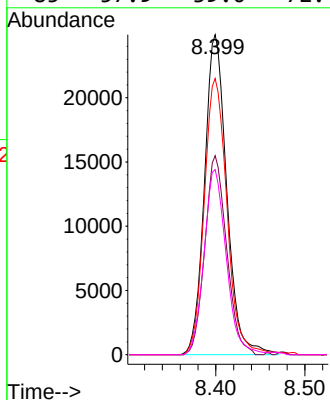
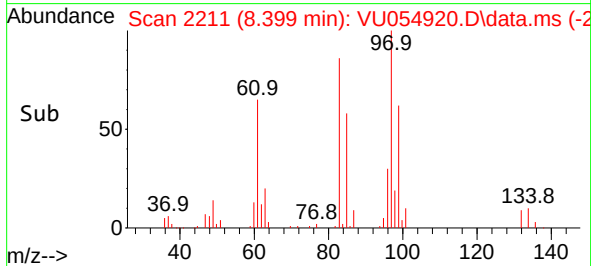


#45
1,1,2-Trichloroethane
Concen: 5.070 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

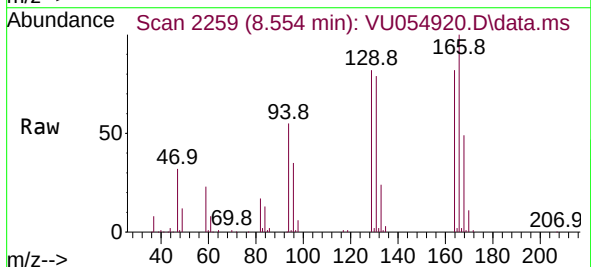
Instrument :
MSVOA_U
ClientSampleId :



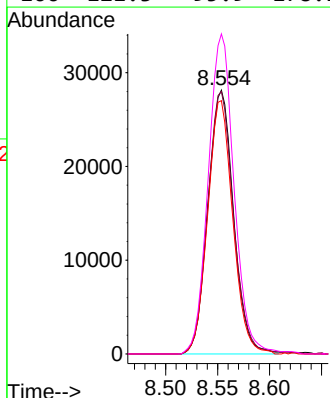
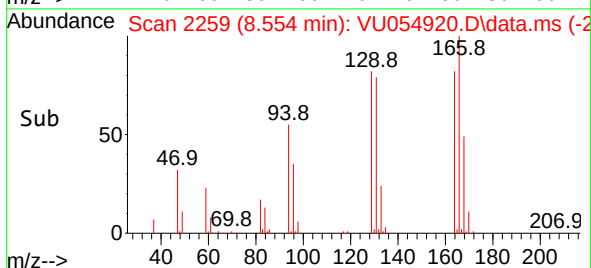
Tgt Ion:	97	Resp:	43260
Ion	Ratio	Lower	Upper
97	100		
99	62.2	41.5	77.1
83	86.3	59.8	111.1
85	57.9	39.0	72.4

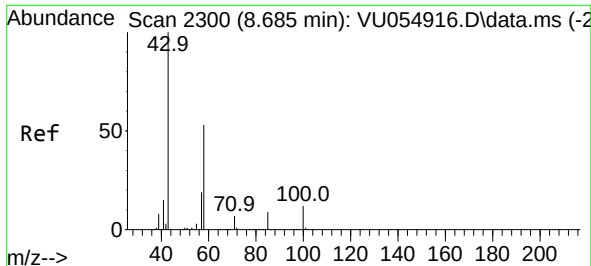


#47
Tetrachloroethene
Concen: 5.352 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34



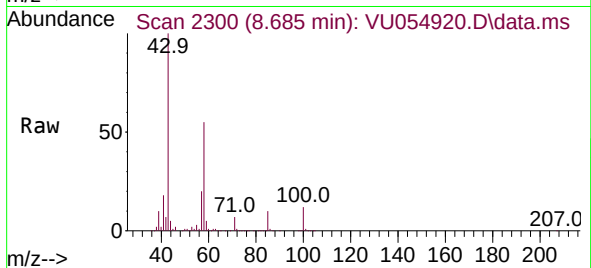
Tgt Ion:	164	Resp:	48337
Ion	Ratio	Lower	Upper
164	100		
129	99.4	72.8	135.2
131	96.0	70.7	131.3
166	121.3	95.9	178.1



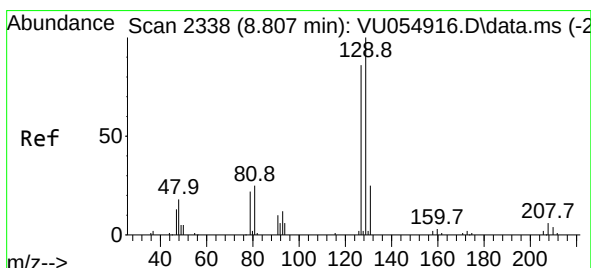
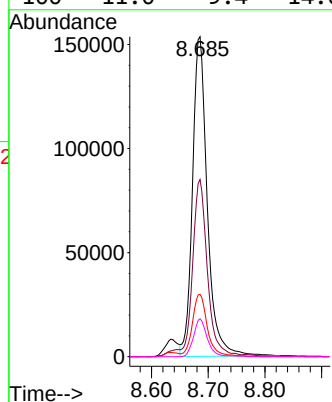
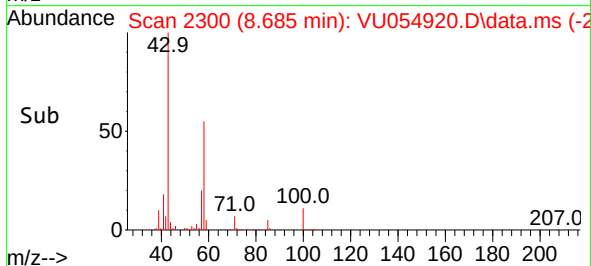


#48
2-Hexanone
Concen: 53.473 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

Instrument :
MSVOA_U
ClientSampleId :

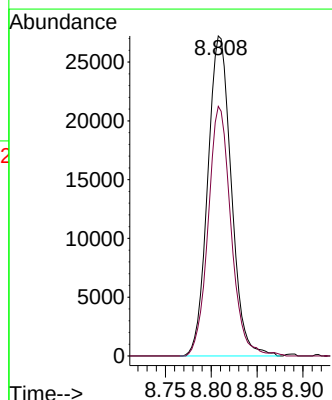
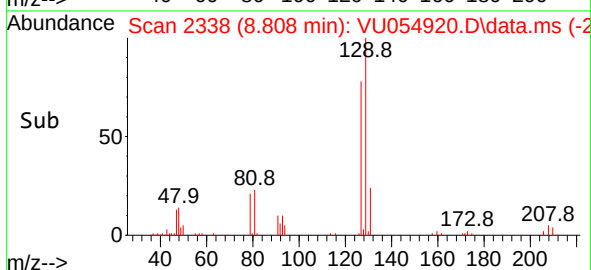
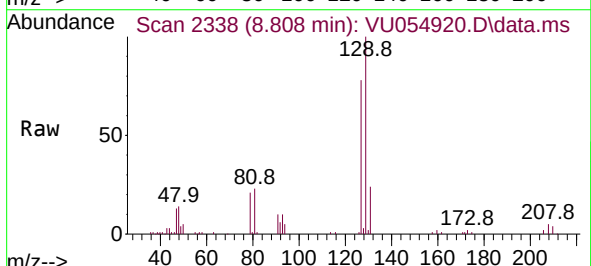


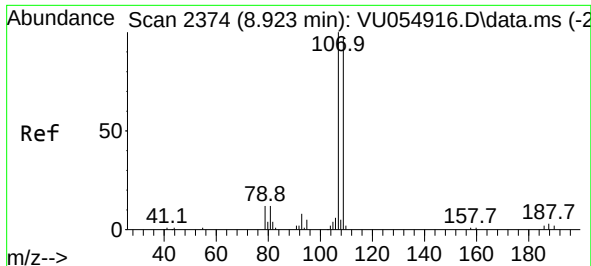
Tgt Ion: 43 Resp: 279096
Ion Ratio Lower Upper
43 100
58 56.6 44.0 66.0
57 19.8 15.9 23.9
100 11.0 9.4 14.0



#49
Dibromochloromethane
Concen: 4.918 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

Tgt Ion: 129 Resp: 48607
Ion Ratio Lower Upper
129 100
127 78.0 60.5 112.5

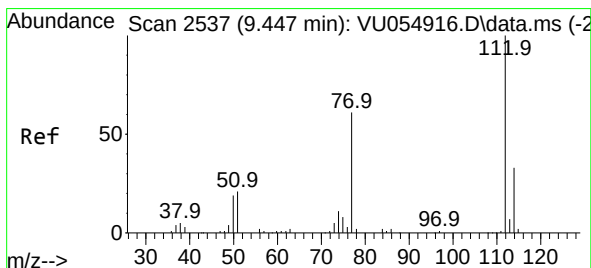
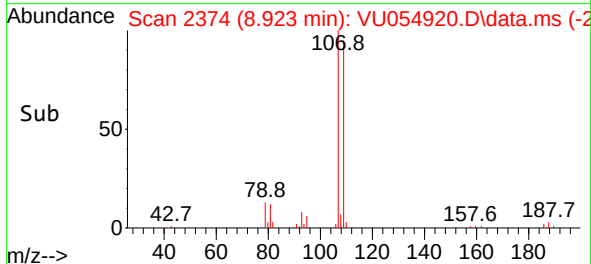
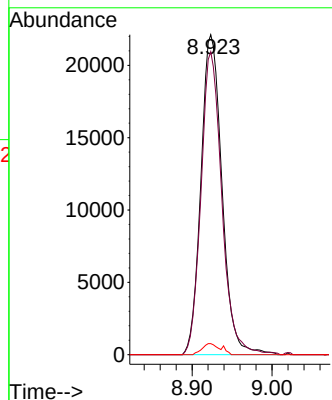
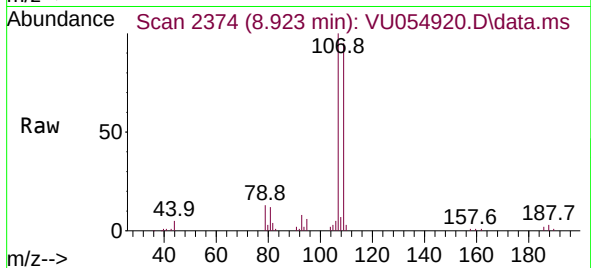




#50
1,2-Dibromoethane
Concen: 4.945 ug/L
RT: 8.923 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

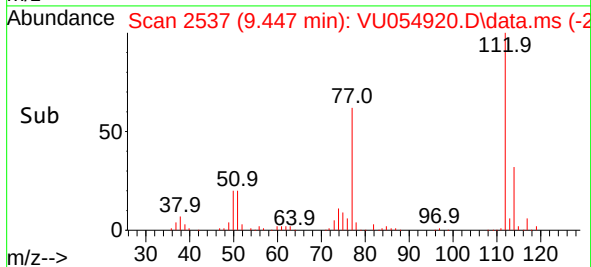
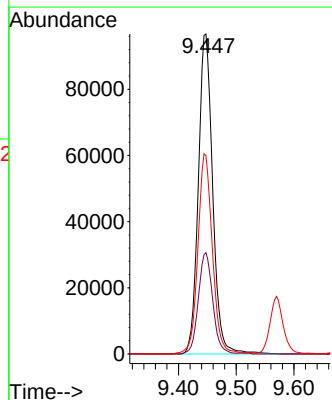
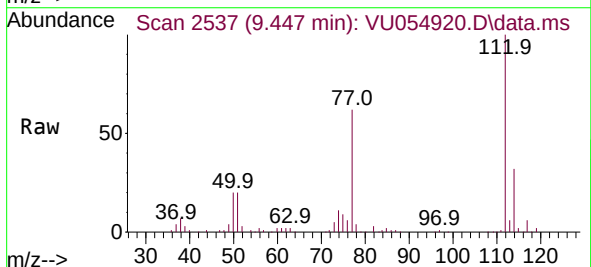
Instrument :
MSVOA_U
ClientSampleId :

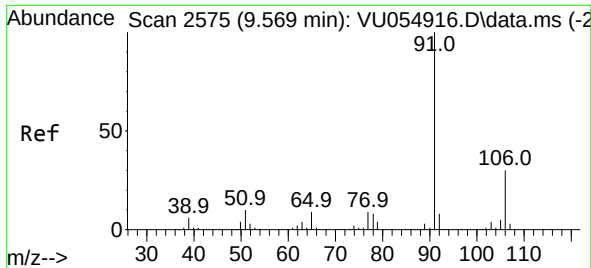
Tgt Ion:107 Resp: 40611
Ion Ratio Lower Upper
107 100
109 94.6 67.8 125.8
188 3.5 2.5 3.7



#51
Chlorobenzene
Concen: 5.095 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

Tgt Ion:112 Resp: 166887
Ion Ratio Lower Upper
112 100
114 31.7 23.4 43.4
77 62.0 49.3 73.9

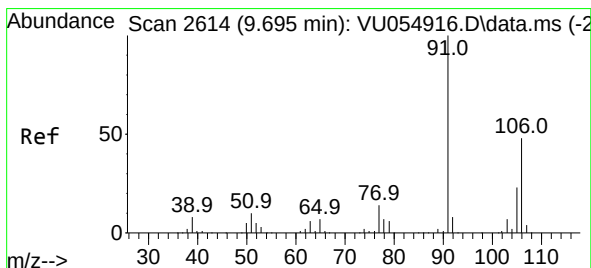
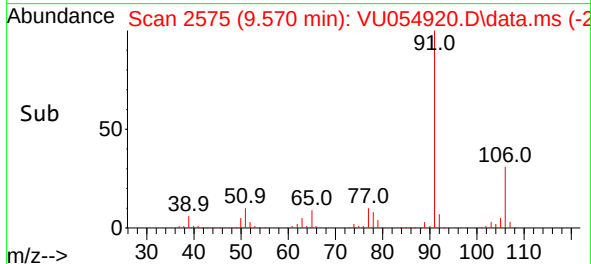
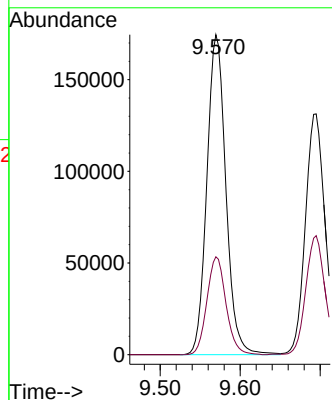
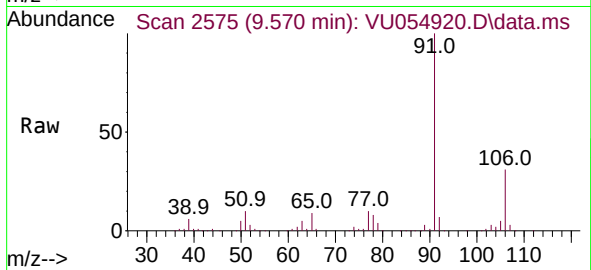




#52
Ethylbenzene
Concen: 5.085 ug/L
RT: 9.570 min Scan# 2575
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

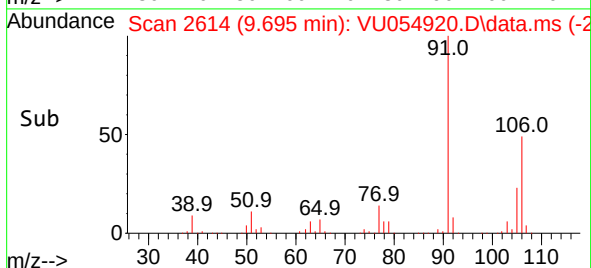
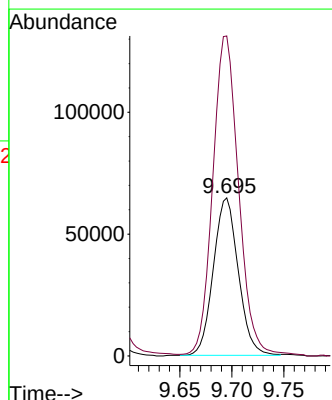
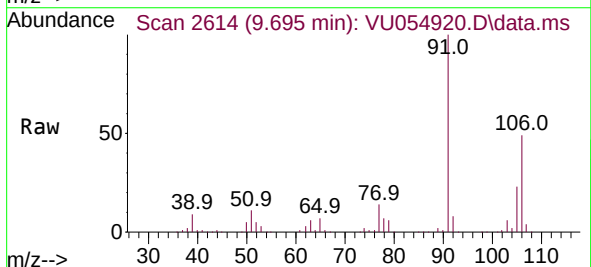
Instrument :
MSVOA_U
ClientSampleId :

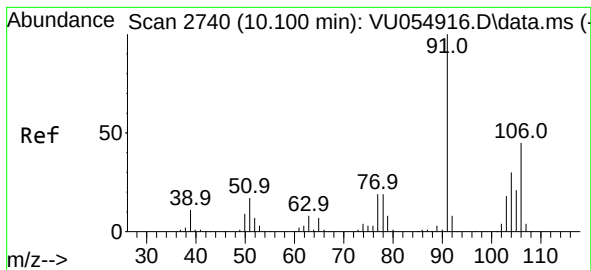
Tgt Ion: 91 Resp: 288622
Ion Ratio Lower Upper
91 100
106 30.6 21.2 39.4



#53
m,p-Xylene
Concen: 5.063 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

Tgt Ion:106 Resp: 107695
Ion Ratio Lower Upper
106 100
91 202.4 147.7 274.3





#54

o-Xylene

Concen: 5.297 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

Instrument :

MSVOA_U

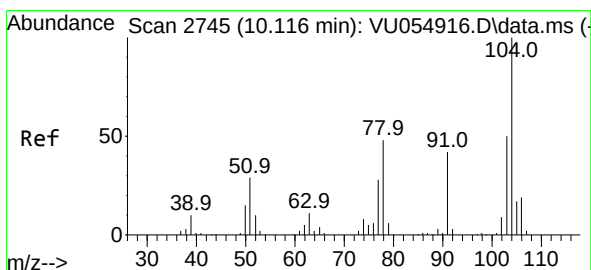
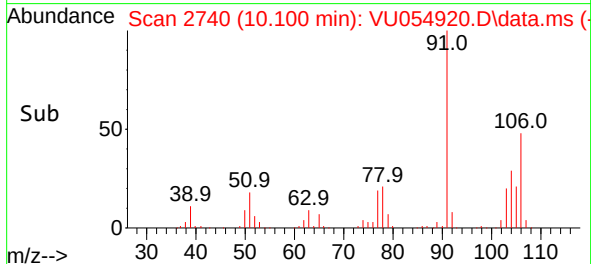
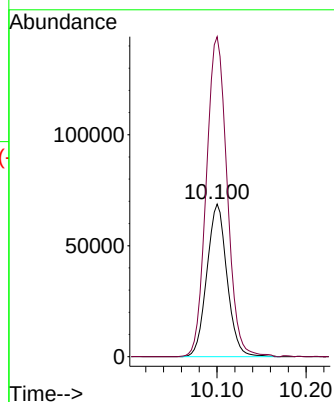
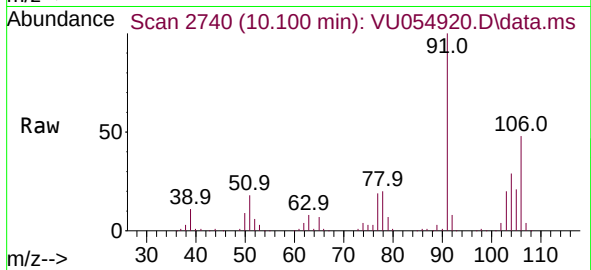
ClientSampleId :

Tgt Ion:106 Resp: 108012

Ion Ratio Lower Upper

106 100

91 209.6 154.2 286.4



#55

Styrene

Concen: 5.220 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.003 min

Lab File: VU054920.D

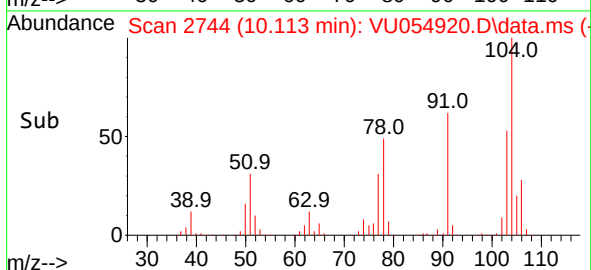
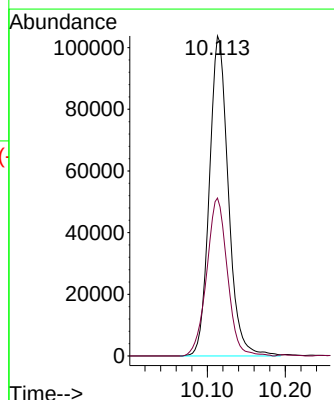
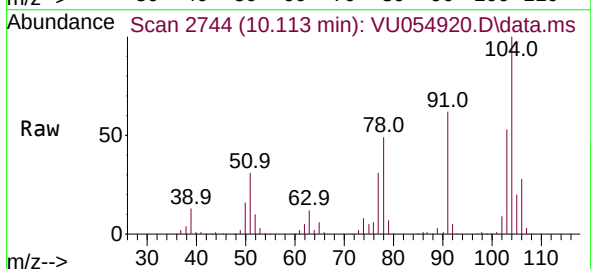
Acq: 28 Aug 2023 12:34

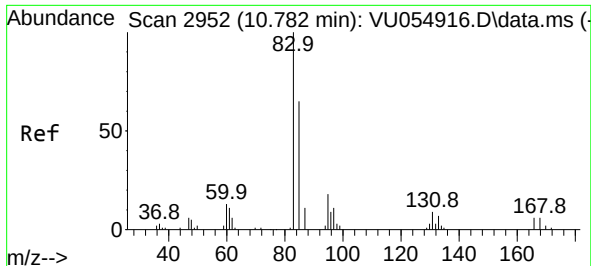
Tgt Ion:104 Resp: 175451

Ion Ratio Lower Upper

104 100

78 49.4 33.7 62.7

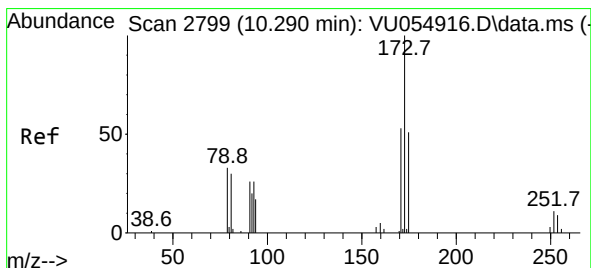
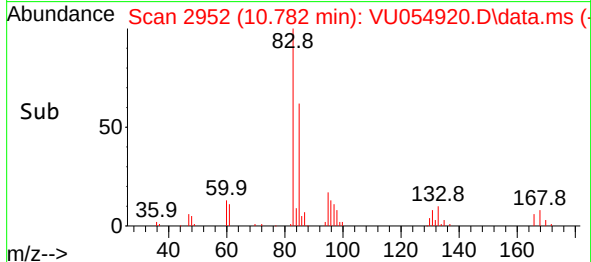
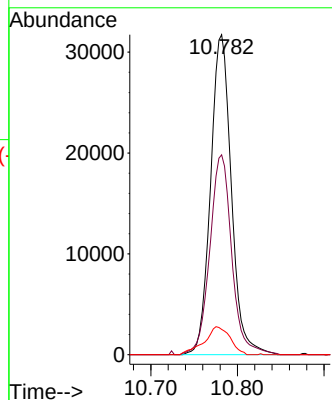
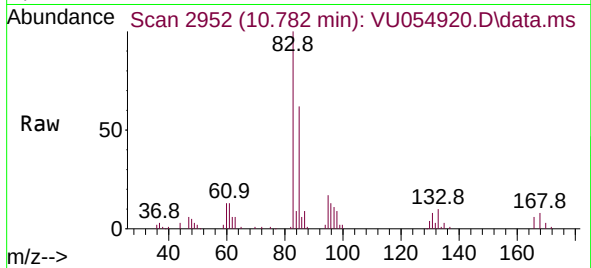




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.005 ug/L
 RT: 10.782 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: VU054920.D
 Acq: 28 Aug 2023 12:34

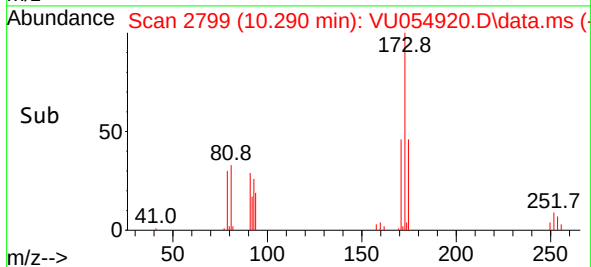
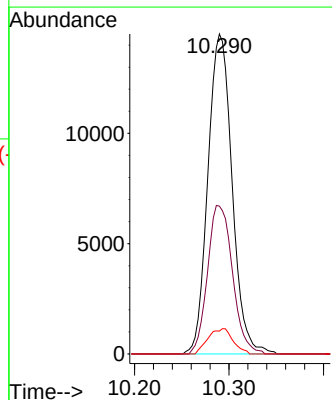
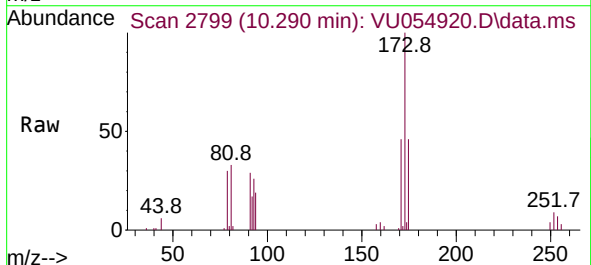
Instrument :
 MSVOA_U
 ClientSampleId :

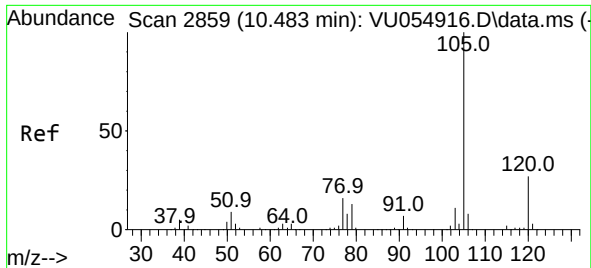
Tgt Ion: 83 Resp: 52831
 Ion Ratio Lower Upper
 83 100
 85 62.5 46.1 85.5
 131 7.9 7.7 11.5



#59
 Bromoform
 Concen: 4.985 ug/L
 RT: 10.290 min Scan# 2799
 Delta R.T. 0.000 min
 Lab File: VU054920.D
 Acq: 28 Aug 2023 12:34

Tgt Ion: 173 Resp: 25775
 Ion Ratio Lower Upper
 173 100
 175 47.9 40.8 61.2
 254 8.2 6.8 10.2

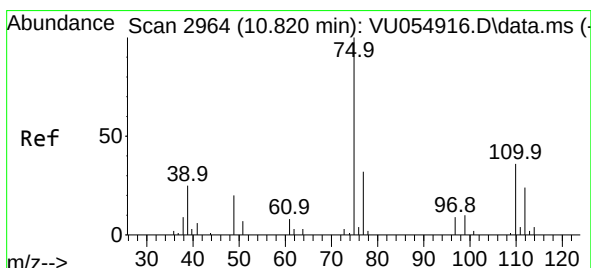
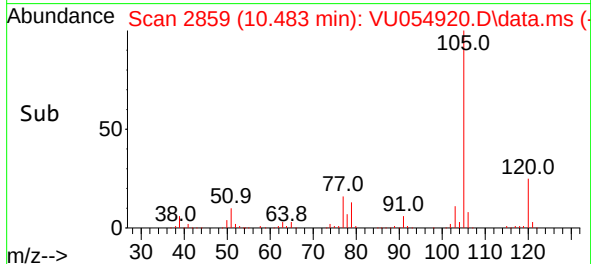
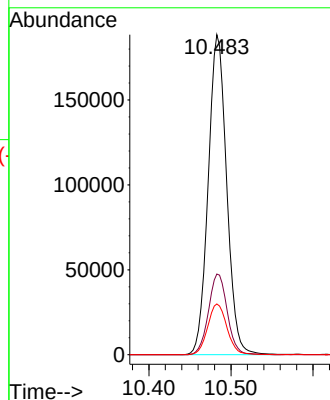
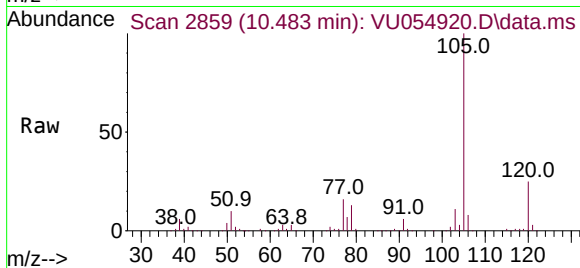




#60
Isopropylbenzene
Concen: 5.280 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

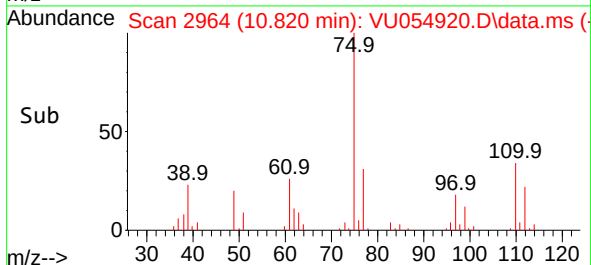
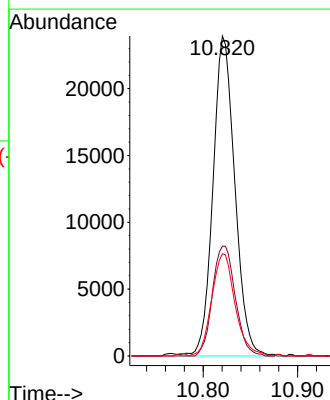
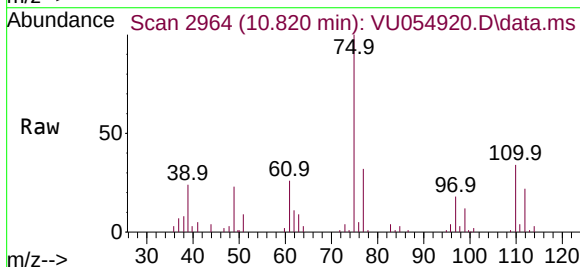
Instrument :
MSVOA_U
ClientSampleId :

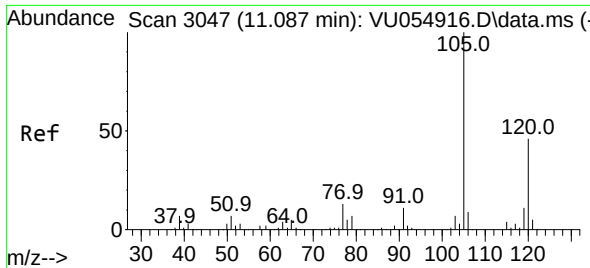
Tgt Ion:105 Resp: 295011
Ion Ratio Lower Upper
105 100
120 25.6 20.8 31.2
77 16.5 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 4.959 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

Tgt Ion: 75 Resp: 38430
Ion Ratio Lower Upper
75 100
110 35.8 29.0 43.6
77 34.0 26.5 39.7

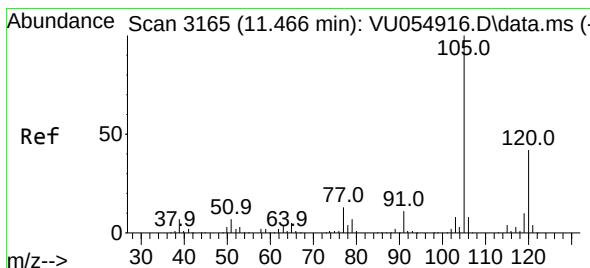
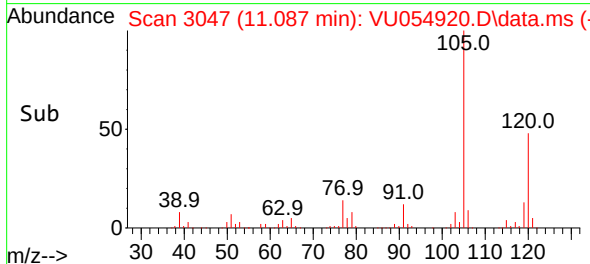
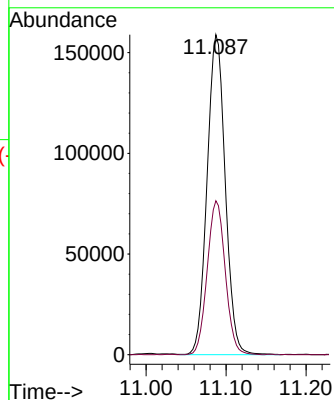
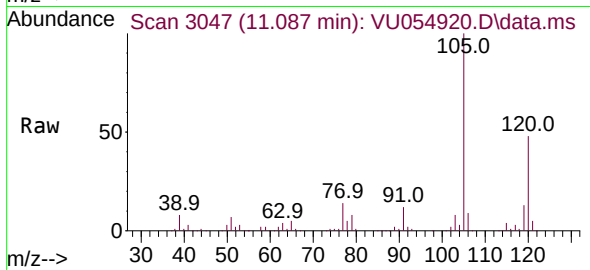




#62
 1,3,5-Trimethylbenzene
 Concen: 5.237 ug/L
 RT: 11.087 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VU054920.D
 Acq: 28 Aug 2023 12:34

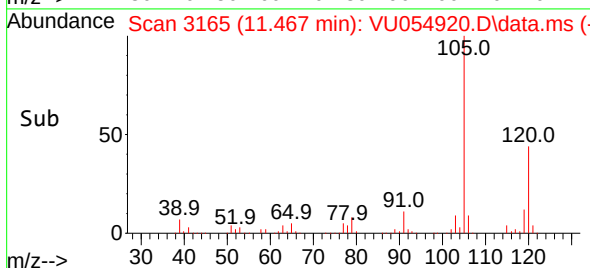
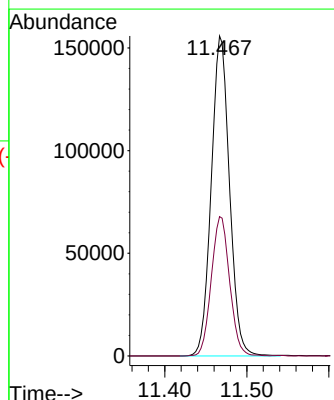
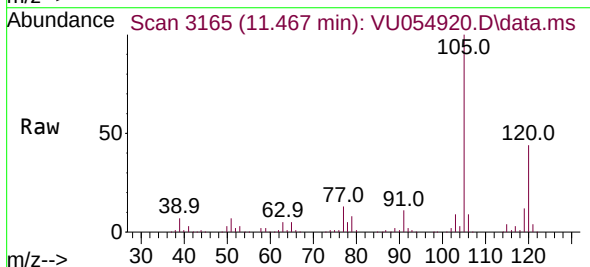
Instrument :
 MSVOA_U
 ClientSampleId :

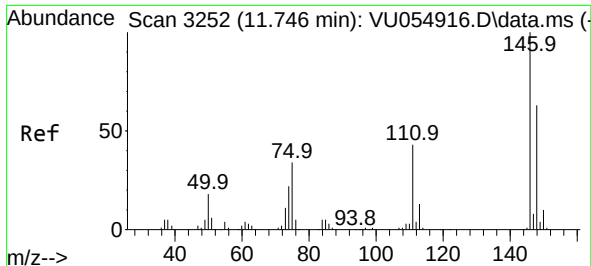
Tgt Ion:105 Resp: 251137
 Ion Ratio Lower Upper
 105 100
 120 47.8 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.415 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VU054920.D
 Acq: 28 Aug 2023 12:34

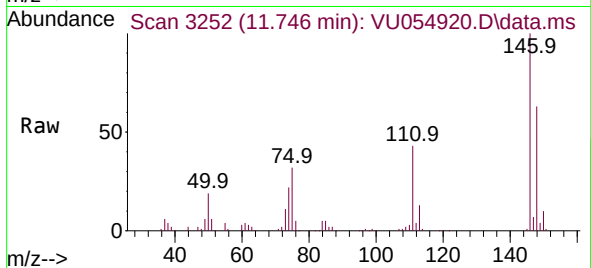
Tgt Ion:105 Resp: 240896
 Ion Ratio Lower Upper
 105 100
 120 43.8 34.3 51.5



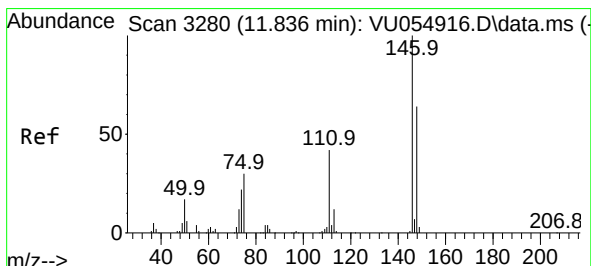
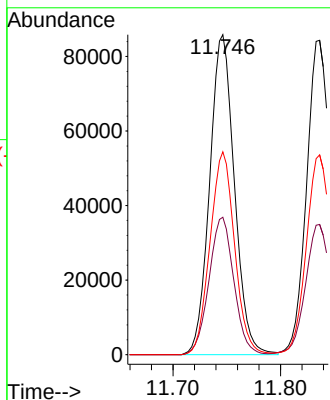
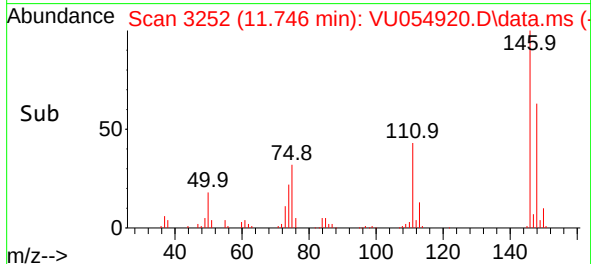


#64
1,3-Dichlorobenzene
Concen: 5.274 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34

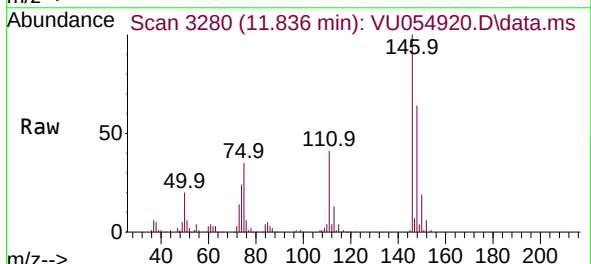
Instrument :
MSVOA_U
ClientSampleId :



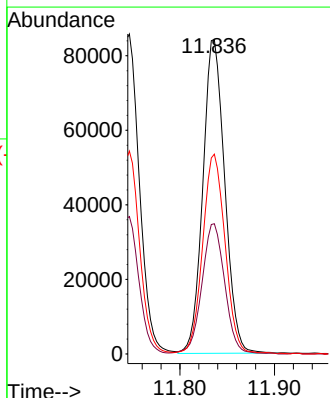
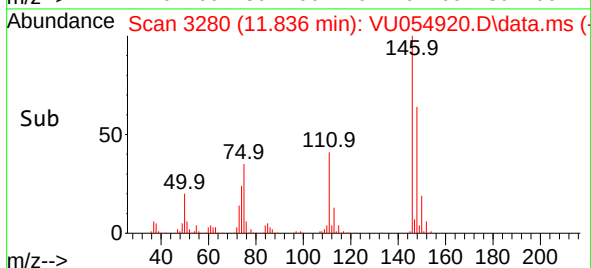
Tgt Ion:146 Resp: 137107
Ion Ratio Lower Upper
146 100
111 43.0 30.4 56.4
148 63.4 44.4 82.4

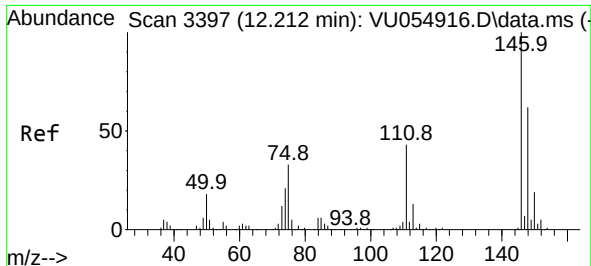


#65
1,4-Dichlorobenzene
Concen: 5.212 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VU054920.D
Acq: 28 Aug 2023 12:34



Tgt Ion:146 Resp: 135547
Ion Ratio Lower Upper
146 100
111 41.4 29.9 55.5
148 63.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.226 ug/L

RT: 12.213 min Scan# 3397

Delta R.T. 0.000 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

Instrument :

MSVOA_U

ClientSampleId :

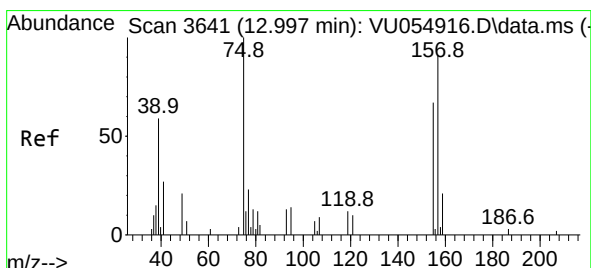
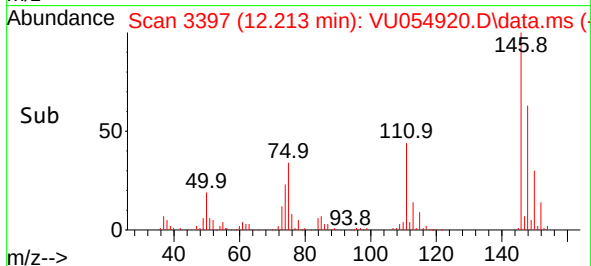
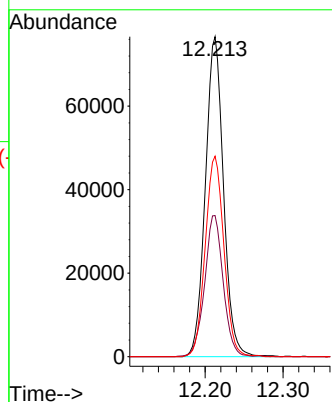
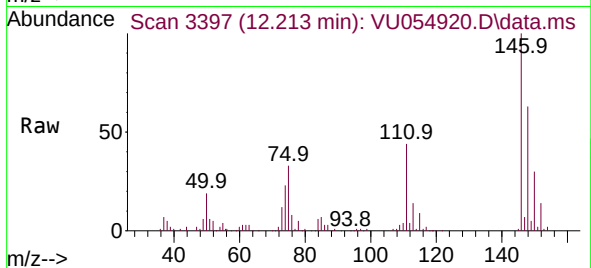
Tgt Ion:146 Resp: 123837

Ion Ratio Lower Upper

146 100

111 44.1 34.9 52.3

148 62.7 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.292 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.000 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

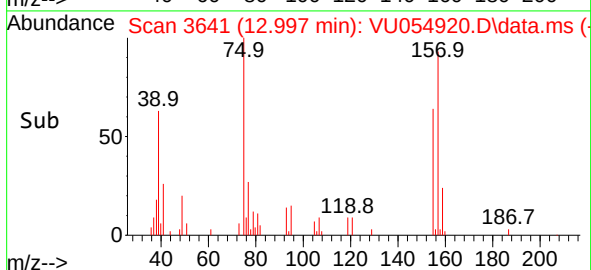
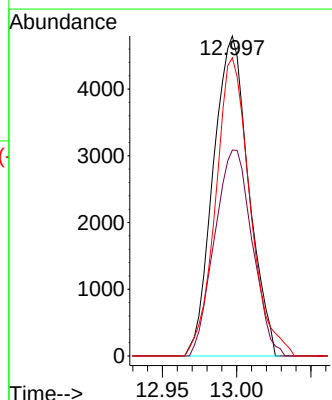
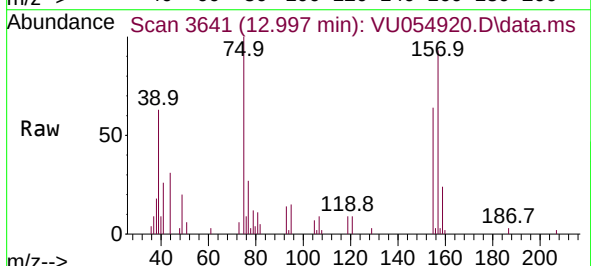
Tgt Ion: 75 Resp: 7946

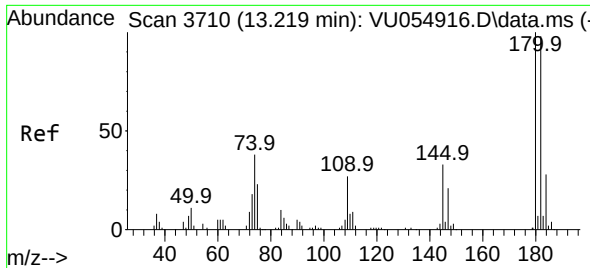
Ion Ratio Lower Upper

75 100

155 64.4 53.3 79.9

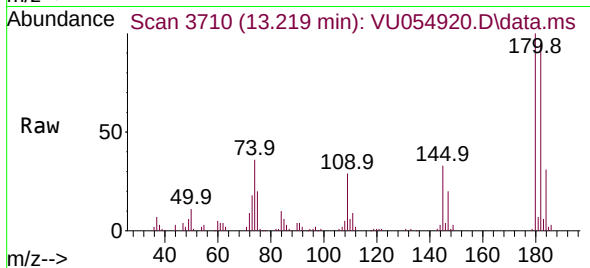
157 93.2 69.5 104.3



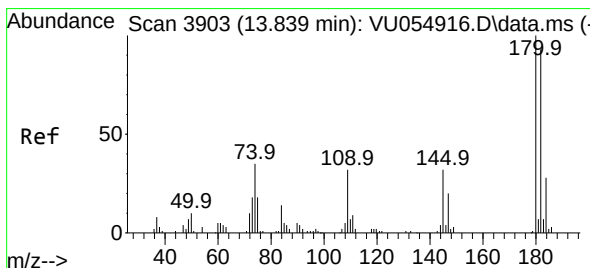
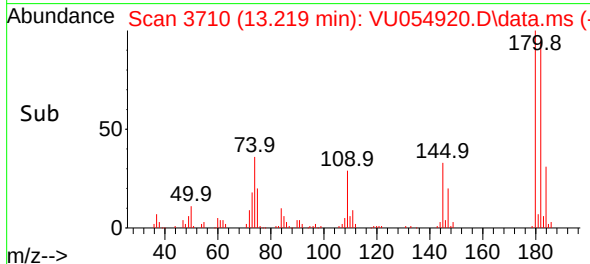
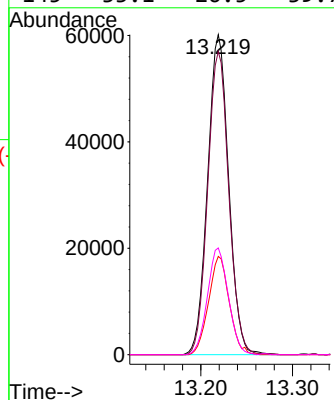


#69
 1,3,5-Trichlorobenzene
 Concen: 5.538 ug/L
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.000 min
 Lab File: VU054920.D
 Acq: 28 Aug 2023 12:34

Instrument :
 MSVOA_U
 ClientSampleId :

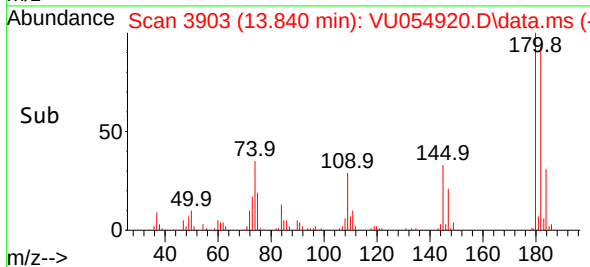
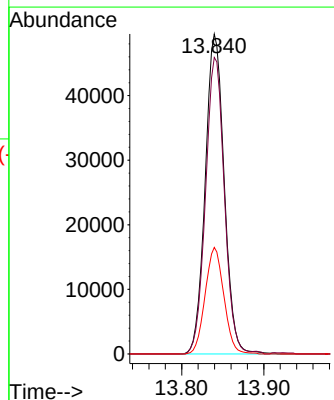
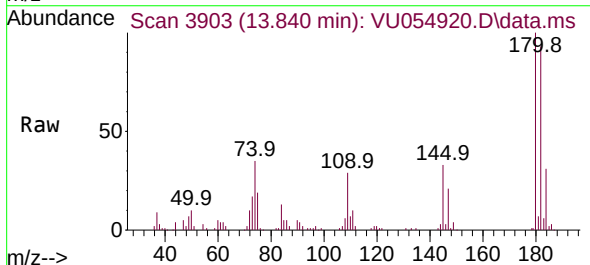


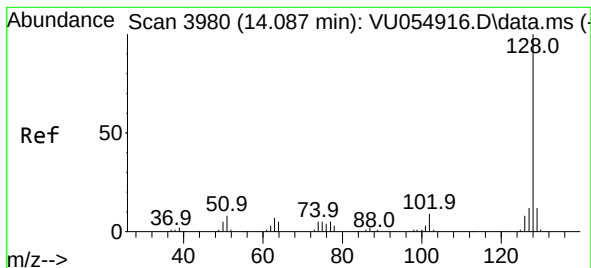
Tgt Ion:	180	Resp:	95986
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.6	114.8
184	30.1	23.6	35.4
145	33.1	26.5	39.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.858 ug/L
 RT: 13.840 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU054920.D
 Acq: 28 Aug 2023 12:34

Tgt Ion:	180	Resp:	79521
Ion Ratio	Lower	Upper	
180	100		
182	91.8	74.9	112.3
145	32.9	25.8	38.8





#71

Naphthalene

Concen: 6.851 ug/L

RT: 14.087 min Scan# 3980

Delta R.T. 0.000 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

Instrument :

MSVOA_U

ClientSampleId :

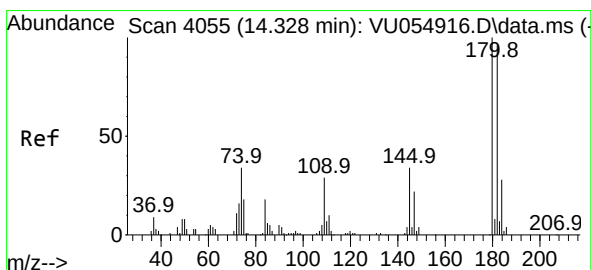
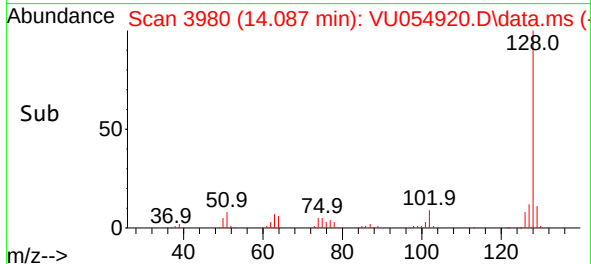
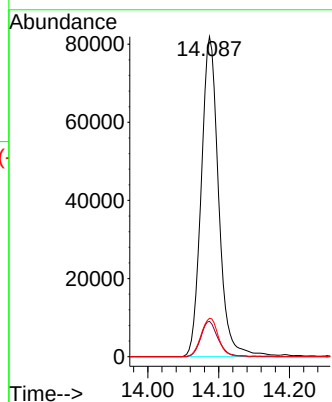
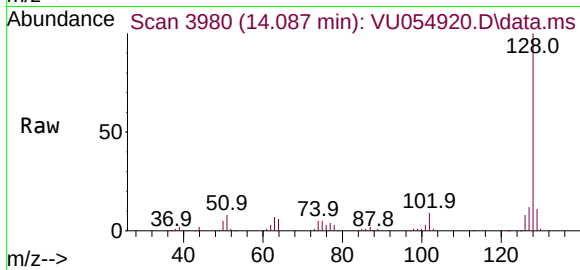
Tgt Ion:128 Resp: 139911

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 11.9 9.3 13.9



#72

1,2,3-Trichlorobenzene

Concen: 5.942 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.000 min

Lab File: VU054920.D

Acq: 28 Aug 2023 12:34

Tgt Ion:180 Resp: 66837

Ion Ratio Lower Upper

180 100

182 95.9 77.7 116.5

145 34.1 28.1 42.1

