

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071723\
 Data File : VU054793.D
 Acq On : 17 Jul 2023 14:14
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV034

Quant Time: Jul 18 05:57:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 18 05:50:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	248751	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	239628	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131766	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	96321	50.100	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.200%
7) Chloroethane-d5	1.894	69	84373	43.870	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.740%
11) 1,1-Dichloroethene-d2	2.560	63	128971	46.765	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.520%
21) 2-Butanone-d5	4.618	46	127324	103.031	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.030%
24) Chloroform-d	5.058	84	147906	49.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.840%
26) 1,2-Dichloroethane-d4	5.695	65	85717	47.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.660%
32) Benzene-d6	5.721	84	281568	49.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.660%
36) 1,2-Dichloropropane-d6	6.685	67	96070	49.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.960%
41) Toluene-d8	7.894	98	278144	51.137	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.280%
43) trans-1,3-Dichloroprop...	8.177	79	47076	47.880	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.760%
47) 2-Hexanone-d5	8.630	63	87615	96.435	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	160937	45.588	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.180%
66) 1,2-Dichlorobenzene-d4	12.190	152	111564	49.272	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	73184	38.929	ug/L	98
3) Chloromethane	1.521	50	81447	37.990	ug/L	96
5) Vinyl chloride	1.602	62	117746	42.241	ug/L	98
6) Bromomethane	1.827	94	95631	56.366	ug/L	99
8) Chloroethane	1.917	64	76904	39.881	ug/L	99
9) Trichlorofluoromethane	2.126	101	206854	46.363	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	80252	48.760	ug/L	98
12) 1,1-Dichloroethene	2.570	96	68298	44.127	ug/L	92
13) Acetone	2.621	43	112699	108.425	ug/L	99
14) Carbon disulfide	2.785	76	153165	33.890	ug/L	98
15) Methyl Acetate	2.943	43	89835	51.817	ug/L	98
16) Methylene chloride	3.039	84	86162	46.114	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	69058	43.106	ug/L	99
18) Methyl tert-butyl Ether	3.357	73	279986	50.500	ug/L	98
19) 1,1-Dichloroethane	3.859	63	153121	50.091	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	91798	48.210	ug/L	99
22) 2-Butanone	4.695	43	151157	105.335	ug/L	99
23) Bromochloromethane	4.968	128	45917	47.401	ug/L	97
25) Chloroform	5.081	83	161165	50.277	ug/L	100

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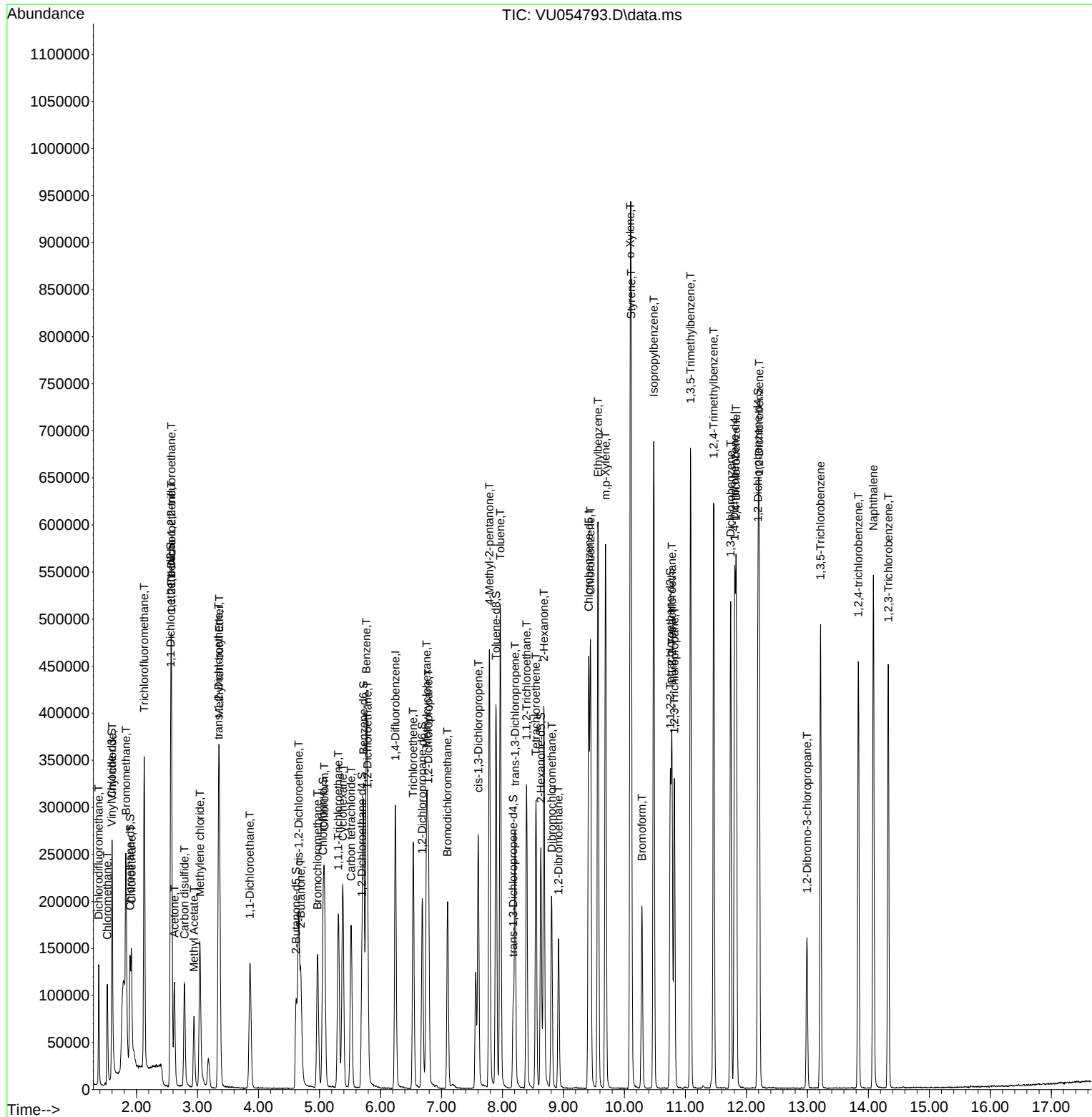
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	119299	49.006	ug/L	98
29) Cyclohexane	5.383	56	110530	41.948	ug/L	98
30) 1,1,1-Trichloroethane	5.309	97	134140	50.441	ug/L	99
31) Carbon tetrachloride	5.518	117	114513	49.863	ug/L	99
33) Benzene	5.769	78	332075	48.367	ug/L	100
34) Trichloroethene	6.537	95	86045	49.235	ug/L	95
35) Methylcyclohexane	6.759	83	125031	43.777	ug/L	100
37) 1,2-Dichloropropane	6.785	63	93501	49.518	ug/L	99
38) Bromodichloromethane	7.100	83	124961	51.583	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	158297	50.830	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	293860	101.637	ug/L	100
42) Toluene	7.965	91	375639	48.894	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	145946	49.880	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	96481	50.117	ug/L	97
46) Tetrachloroethene	8.550	164	62627	46.742	ug/L	99
48) 2-Hexanone	8.679	43	243715	101.750	ug/L	98
49) Dibromochloromethane	8.807	129	101471	51.173	ug/L	98
50) 1,2-Dibromoethane	8.920	107	101277	48.875	ug/L	93
51) Chlorobenzene	9.444	112	247496	49.518	ug/L	98
52) Ethylbenzene	9.566	91	432329	48.673	ug/L	100
53) m,p-Xylene	9.692	106	164880	48.755	ug/L	96
54) o-Xylene	10.097	106	166882	48.576	ug/L	93
55) Styrene	10.113	104	291542	48.725	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	181852	47.846	ug/L	97
59) Bromoform	10.286	173	83201	50.481	ug/L #	98
60) 1,2,3-Trichloropropane	10.820	75	127680	49.660	ug/L	98
61) Isopropylbenzene	10.483	105	456164	52.396	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	364752	50.873	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	334659	47.090	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	206353	51.107	ug/L	96
65) 1,4-Dichlorobenzene	11.833	146	209317	51.469	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	209424	51.633	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	36031	52.433	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	143008	52.836	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	133231	57.017	ug/L	98
71) Naphthalene	14.084	128	428151	55.826	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	131238	57.676	ug/L	100

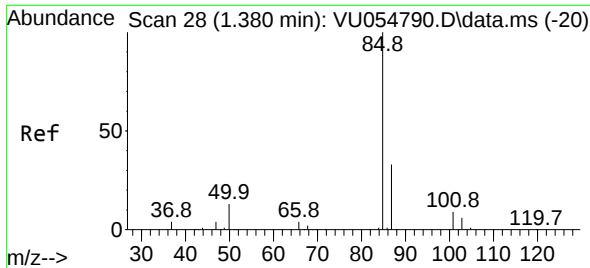
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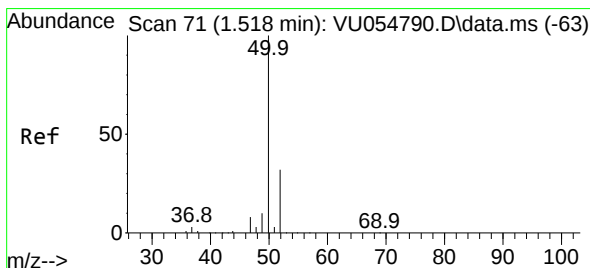
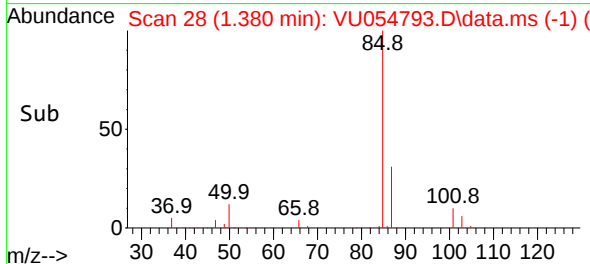
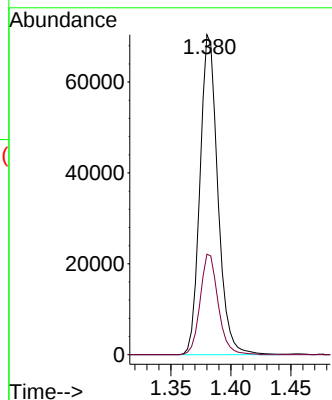
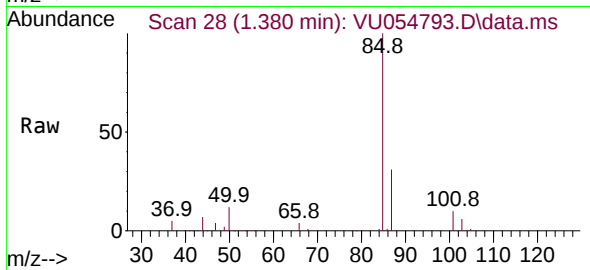




#2
 Dichlorodifluoromethane
 Concen: 38.929 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU054793.D
 Acq: 17 Jul 2023 14:14

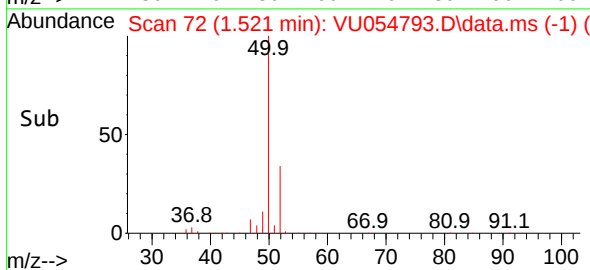
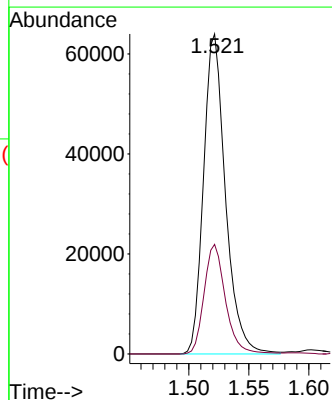
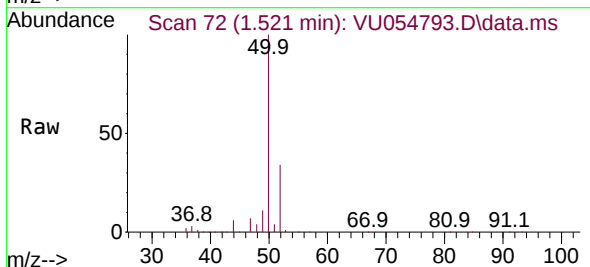
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV034

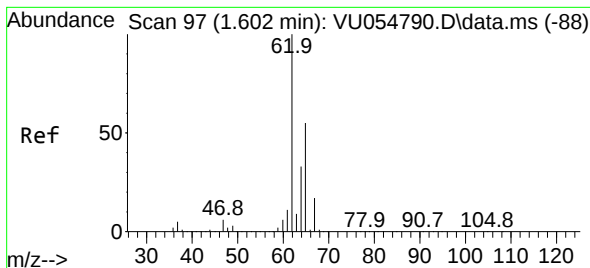
Tgt Ion: 85 Resp: 73184
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.2 39.2



#3
 Chloromethane
 Concen: 37.990 ug/L
 RT: 1.521 min Scan# 72
 Delta R.T. 0.003 min
 Lab File: VU054793.D
 Acq: 17 Jul 2023 14:14

Tgt Ion: 50 Resp: 81447
 Ion Ratio Lower Upper
 50 100
 52 34.3 22.5 41.9





#5

Vinyl chloride

Concen: 42.241 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

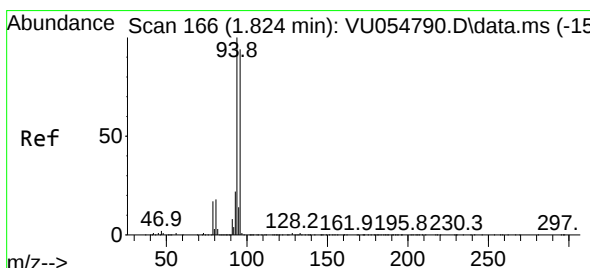
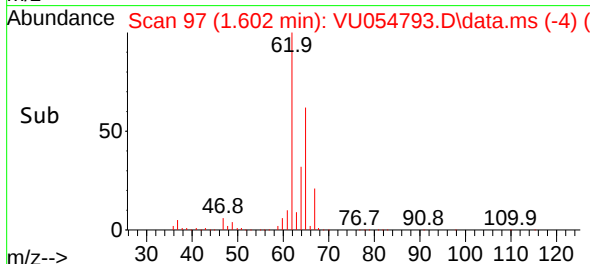
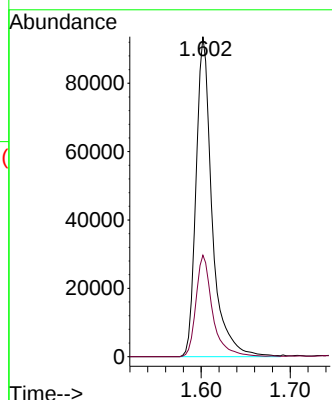
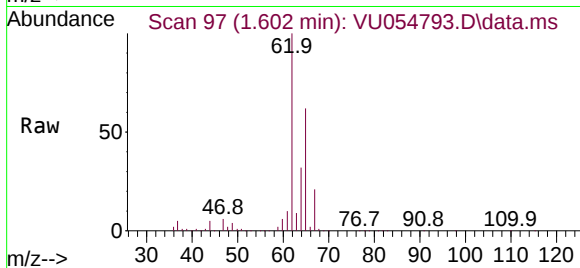
VICV034

Tgt Ion: 62 Resp: 117746

Ion Ratio Lower Upper

62 100

64 31.7 22.9 42.5



#6

Bromomethane

Concen: 56.366 ug/L

RT: 1.827 min Scan# 167

Delta R.T. 0.003 min

Lab File: VU054793.D

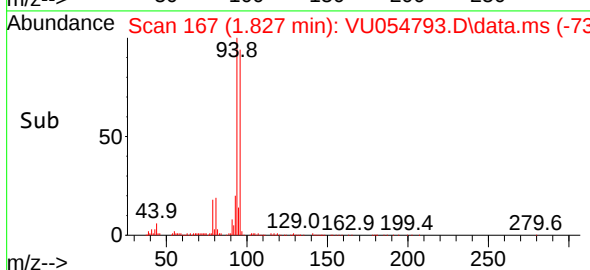
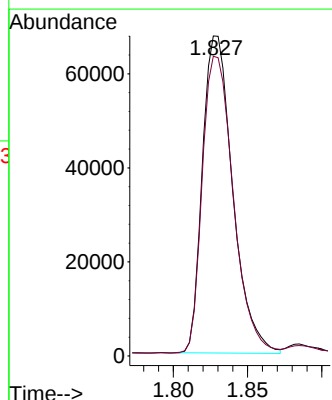
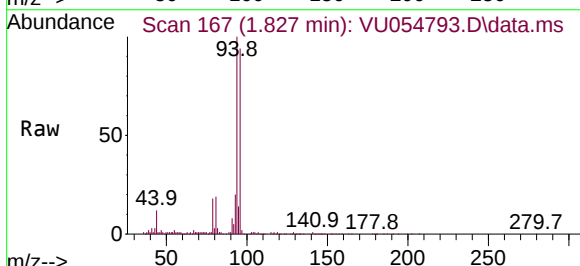
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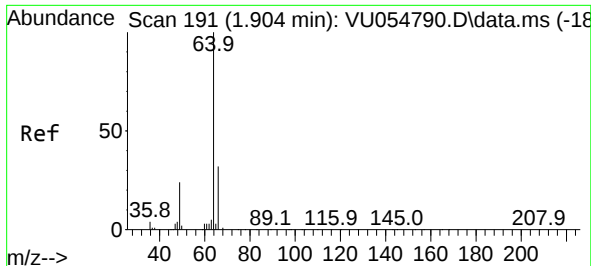
Tgt Ion: 94 Resp: 95631

Ion Ratio Lower Upper

94 100

96 93.7 66.1 122.8





#8

Chloroethane

Concen: 39.881 ug/L

RT: 1.917 min Scan# 19

Delta R.T. 0.013 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

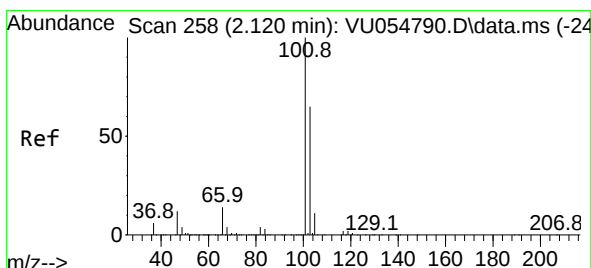
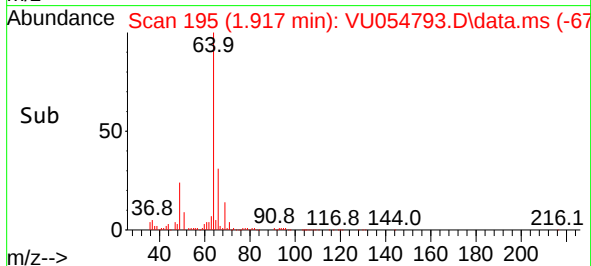
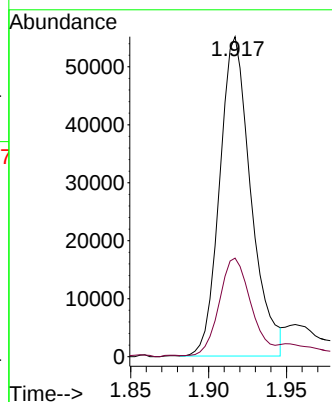
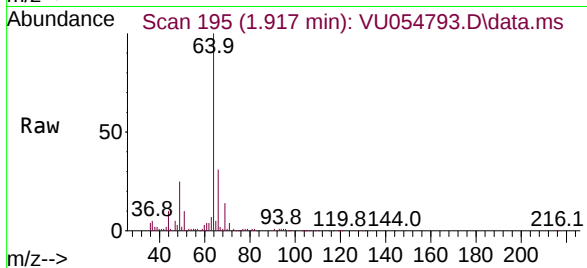
VICV034

Tgt Ion: 64 Resp: 76904

Ion Ratio Lower Upper

64 100

66 33.0 22.8 42.4



#9

Trichlorofluoromethane

Concen: 46.363 ug/L

RT: 2.126 min Scan# 260

Delta R.T. 0.006 min

Lab File: VU054793.D

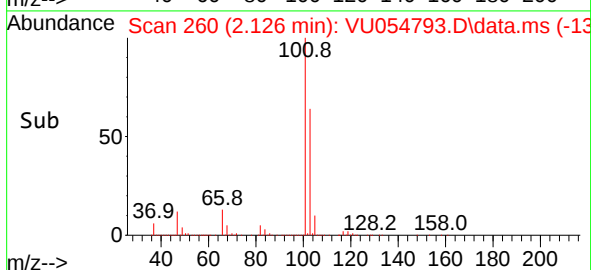
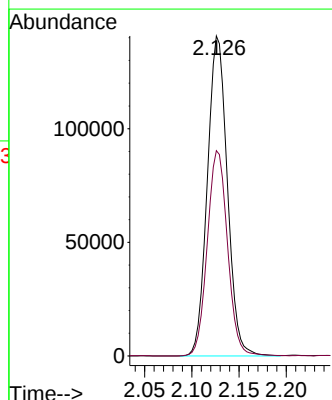
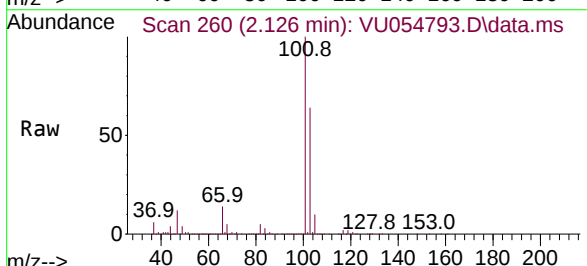
Acq: 17 Jul 2023 14:14

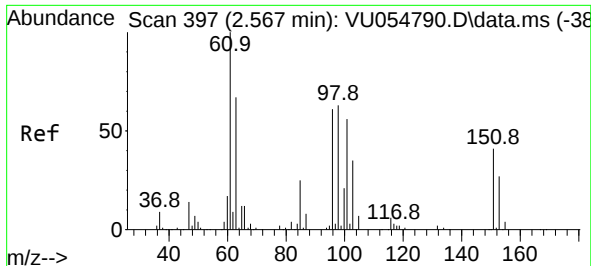
Tgt Ion:101 Resp: 206854

Ion Ratio Lower Upper

101 100

103 65.1 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 48.760 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.006 min

Lab File: VU054793.D

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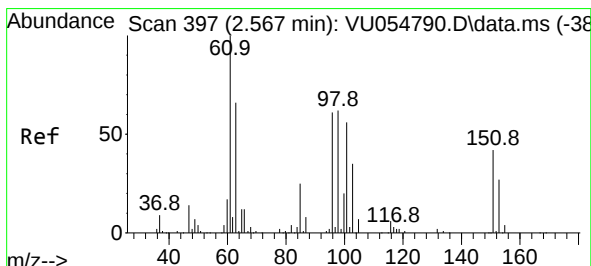
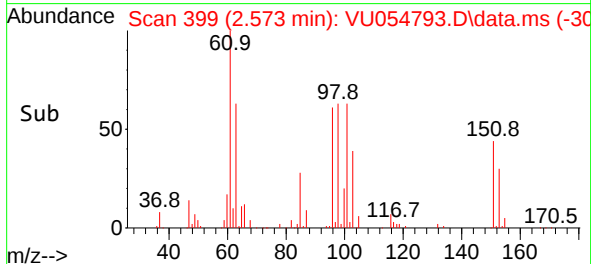
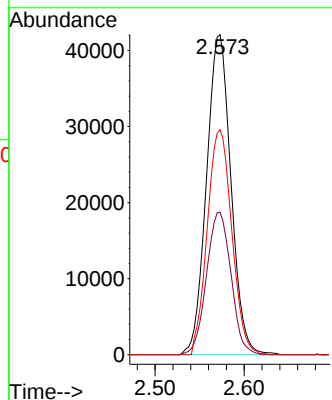
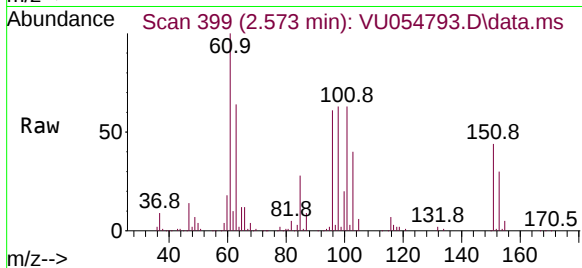
Tgt Ion:101 Resp: 80252

Ion Ratio Lower Upper

101 100

85 44.6 35.3 52.9

151 70.5 58.2 87.4



#12

1,1-Dichloroethene

Concen: 44.127 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

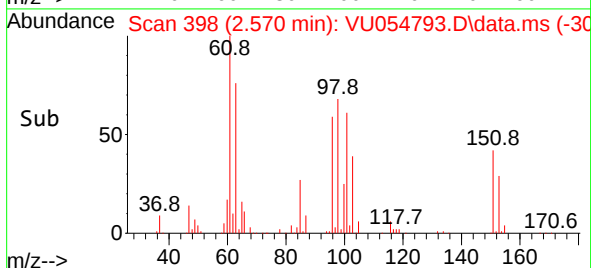
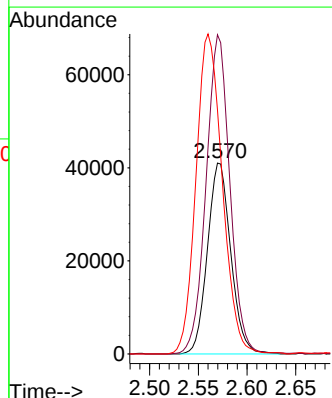
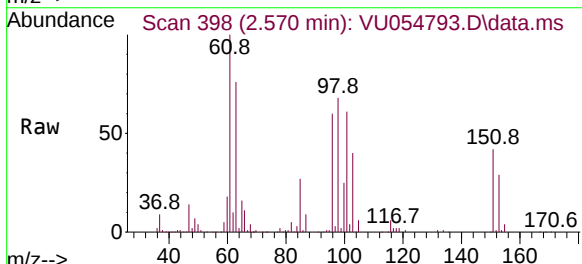
Tgt Ion: 96 Resp: 68298

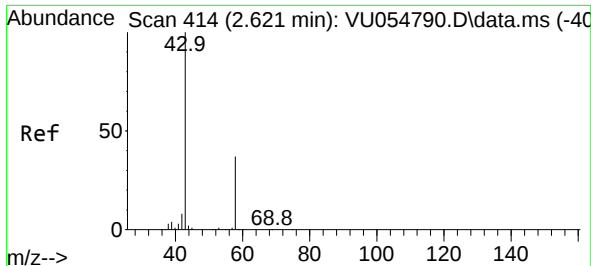
Ion Ratio Lower Upper

96 100

61 167.3 115.0 213.6

63 127.8 77.6 144.0





#13

Acetone

Concen: 108.425 ug/L

RT: 2.621 min Scan# 414

Delta R.T. -0.000 min

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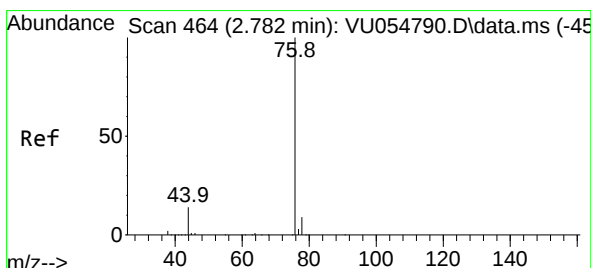
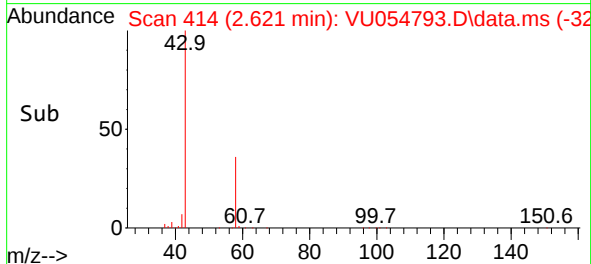
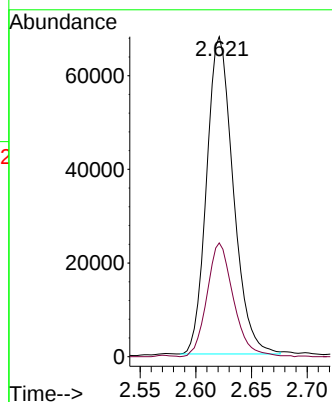
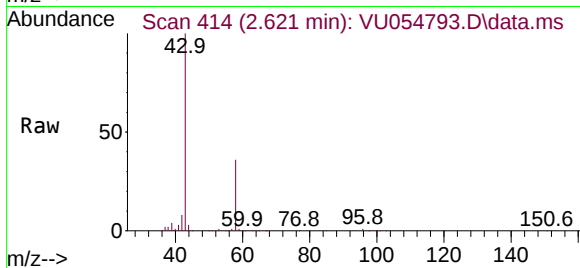
VICV034

Tgt Ion: 43 Resp: 112699

Ion Ratio Lower Upper

43 100

58 35.6 0.0 72.4



#14

Carbon disulfide

Concen: 33.890 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.003 min

Lab File: VU054793.D

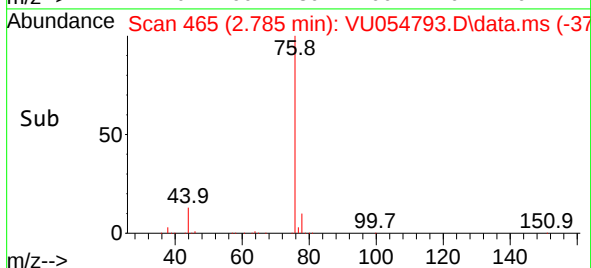
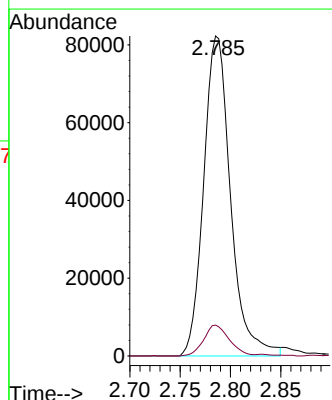
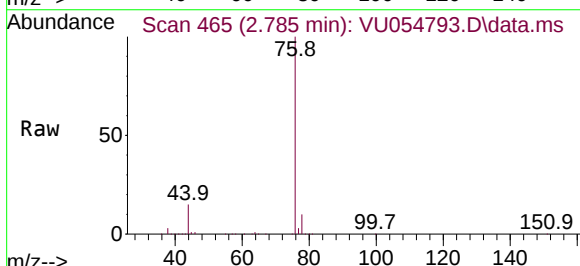
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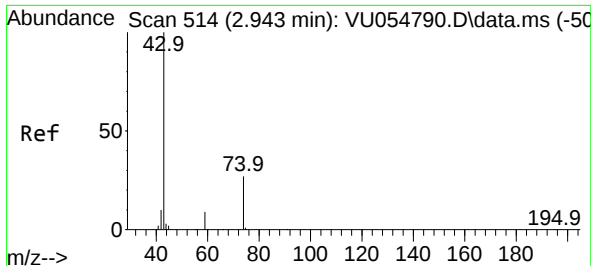
Tgt Ion: 76 Resp: 153165

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0

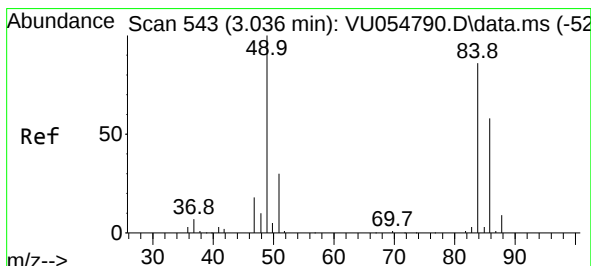
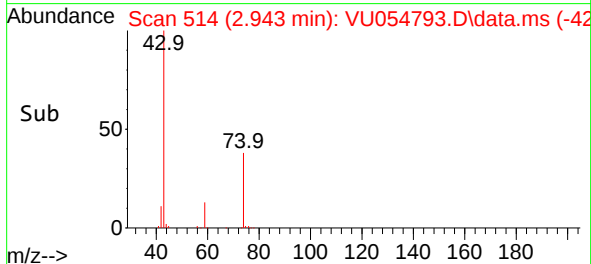
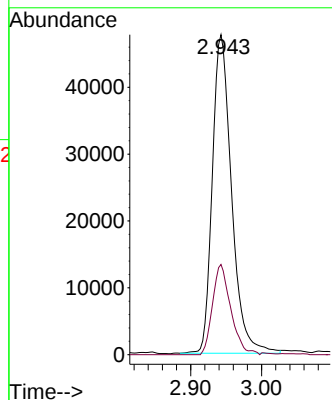
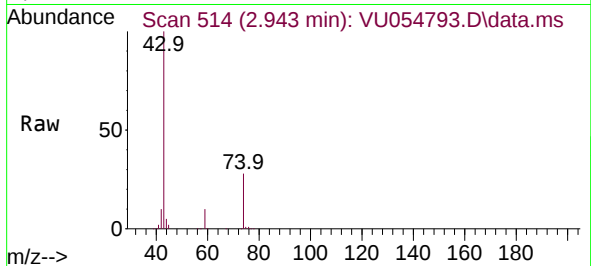




#15
Methyl Acetate
Concen: 51.817 ug/L
RT: 2.943 min Scan# 514
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

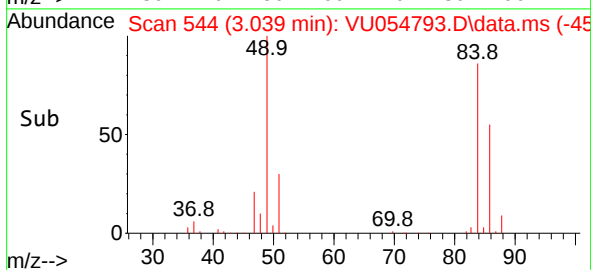
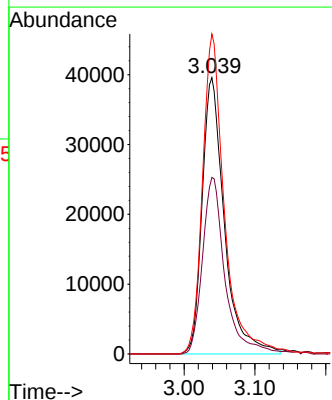
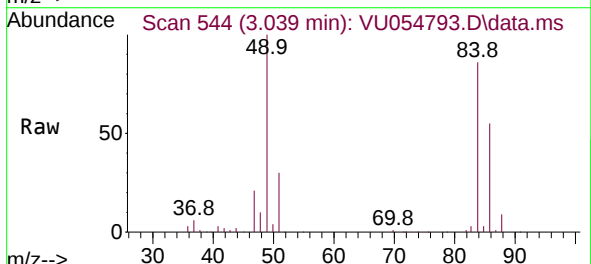
Instrument :
MSVOA_U
ClientSampleId :
VICV034

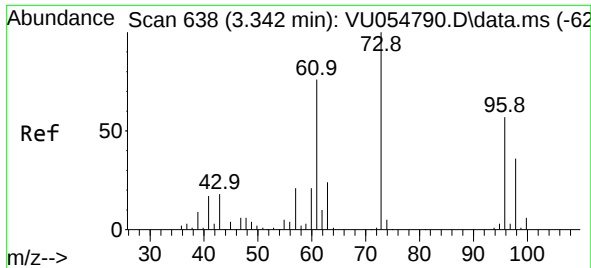
Tgt Ion: 43 Resp: 89835
Ion Ratio Lower Upper
43 100
74 26.4 21.8 32.8



#16
Methylene chloride
Concen: 46.114 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Tgt Ion: 84 Resp: 86162
Ion Ratio Lower Upper
84 100
86 63.9 46.8 87.0
49 115.8 81.3 151.1

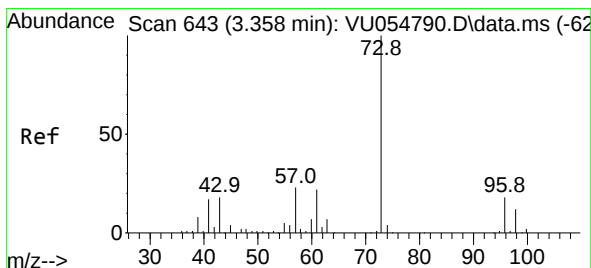
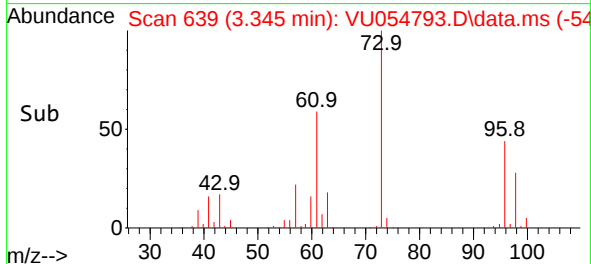
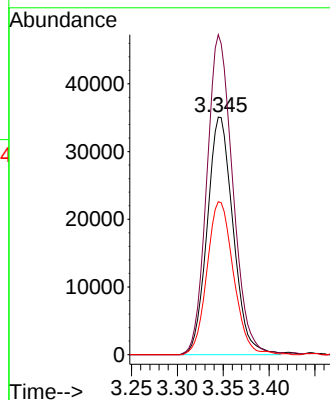
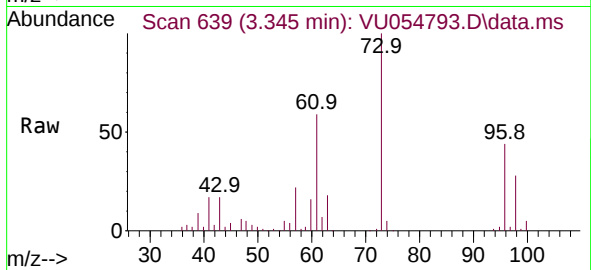




#17
trans-1,2-Dichloroethene
Concen: 43.106 ug/L
RT: 3.345 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

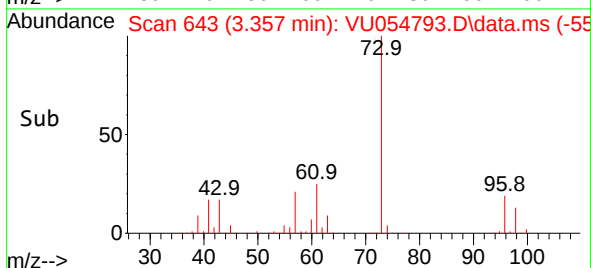
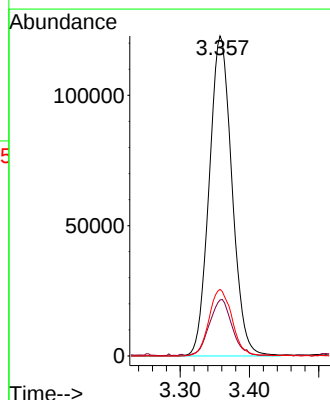
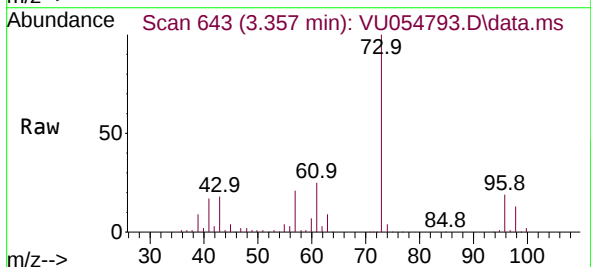
Instrument :
MSVOA_U
ClientSampleId :
VICV034

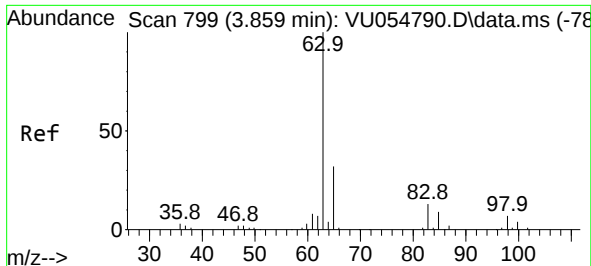
Tgt Ion: 96 Resp: 69058
Ion Ratio Lower Upper
96 100
61 134.6 93.2 173.2
98 64.3 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 50.500 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Tgt Ion: 73 Resp: 279986
Ion Ratio Lower Upper
73 100
43 17.2 14.3 21.5
57 21.0 17.4 26.0





#19

1,1-Dichloroethane

Concen: 50.091 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

VICV034

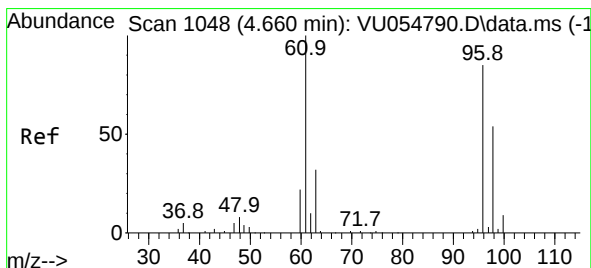
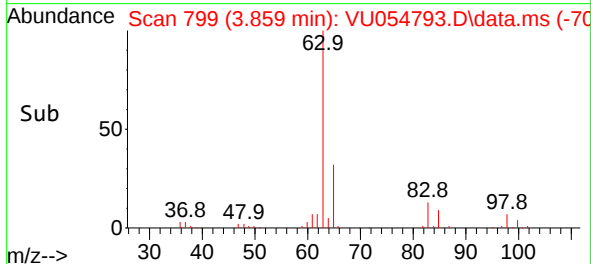
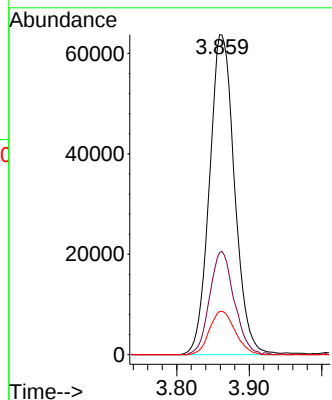
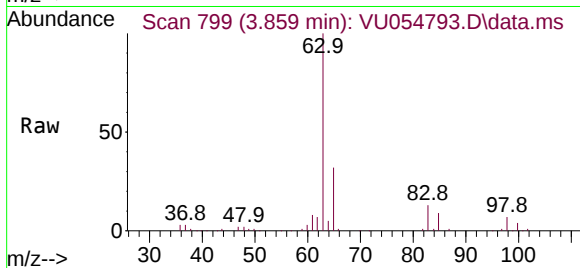
Tgt Ion: 63 Resp: 153121

Ion Ratio Lower Upper

63 100

65 32.6 22.1 41.1

83 13.5 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 48.210 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

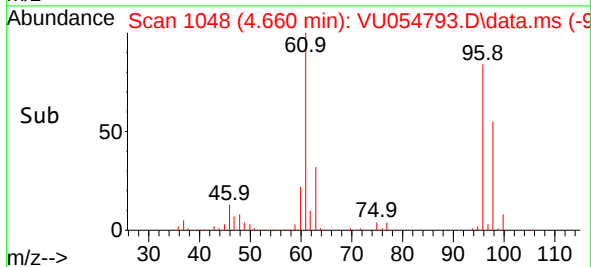
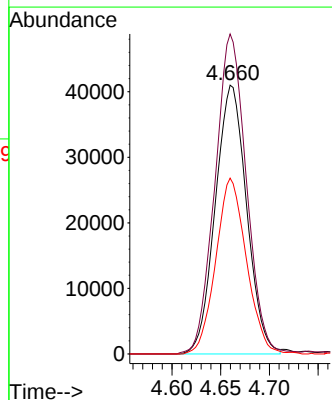
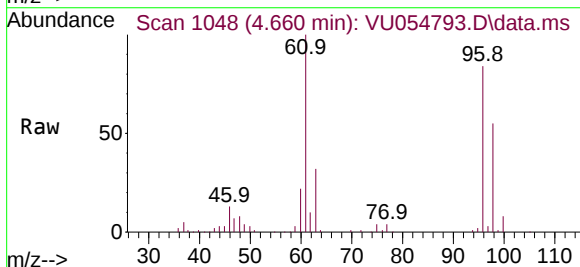
Tgt Ion: 96 Resp: 91798

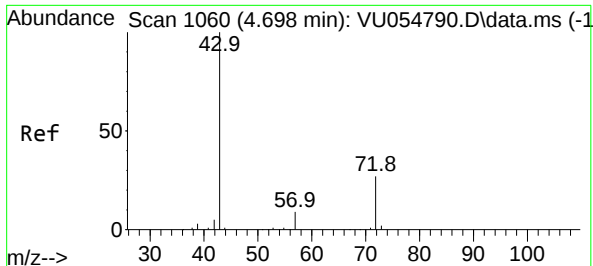
Ion Ratio Lower Upper

96 100

61 119.0 82.7 153.7

98 65.4 44.4 82.5

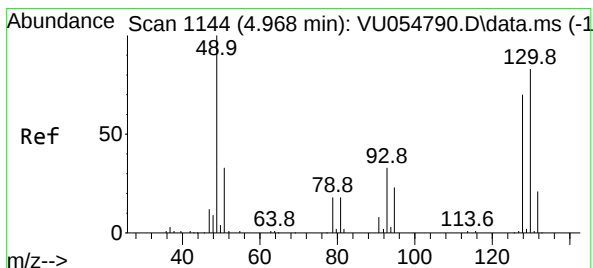
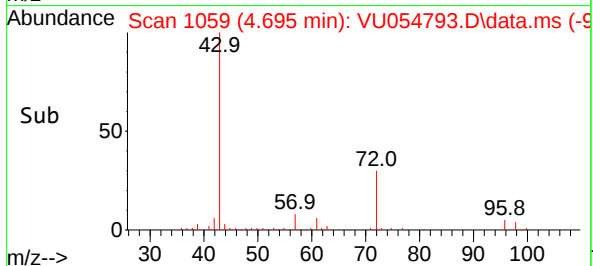
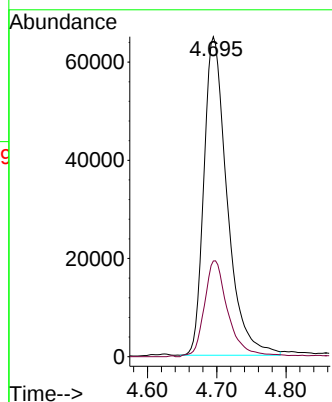
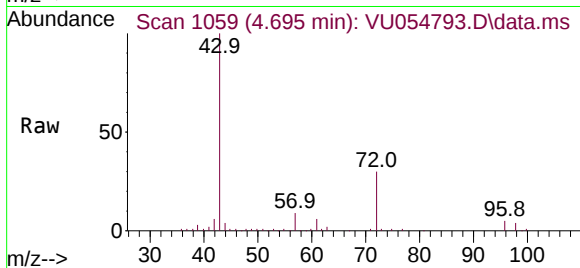




#22
2-Butanone
Concen: 105.335 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

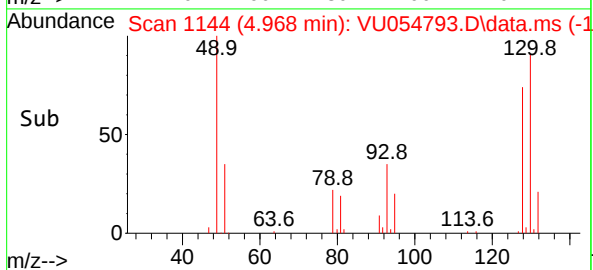
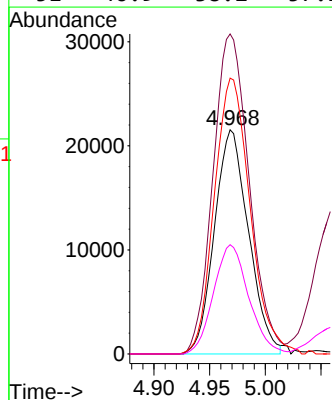
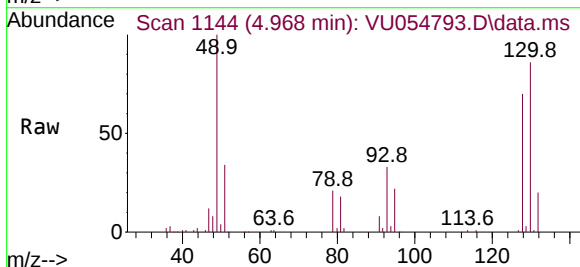
Instrument :
MSVOA_U
ClientSampleId :
VICV034

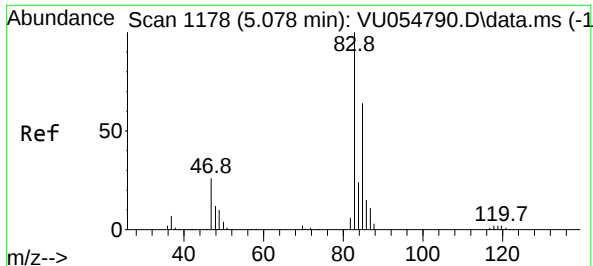
Tgt Ion: 43 Resp: 151157
Ion Ratio Lower Upper
43 100
72 30.7 15.2 45.6



#23
Bromochloromethane
Concen: 47.401 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Tgt Ion:128 Resp: 45917
Ion Ratio Lower Upper
128 100
49 137.2 100.6 186.8
130 120.3 83.0 154.1
51 46.9 38.2 57.2





#25

Chloroform

Concen: 50.277 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

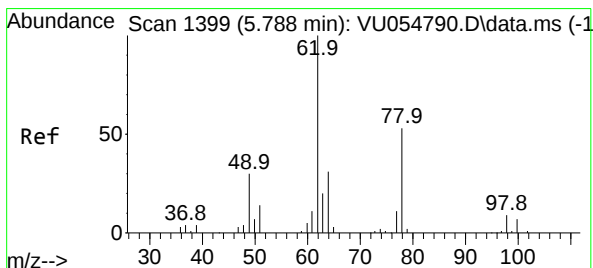
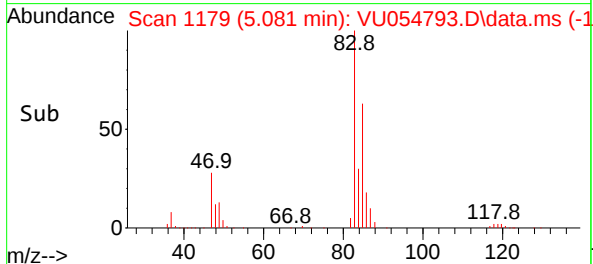
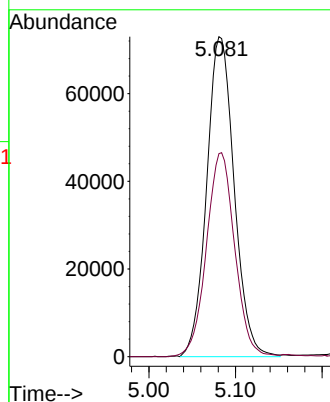
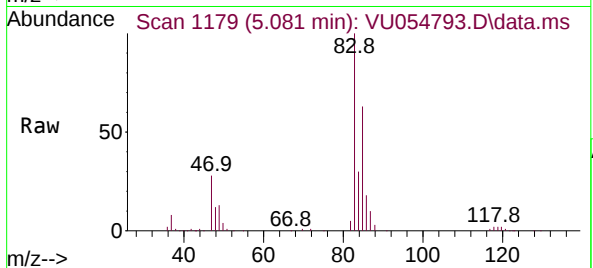
VICV034

Tgt Ion: 83 Resp: 161165

Ion Ratio Lower Upper

83 100

85 63.5 44.7 82.9



#27

1,2-Dichloroethane

Concen: 49.006 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU054793.D

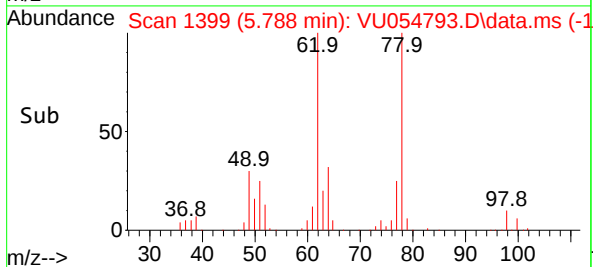
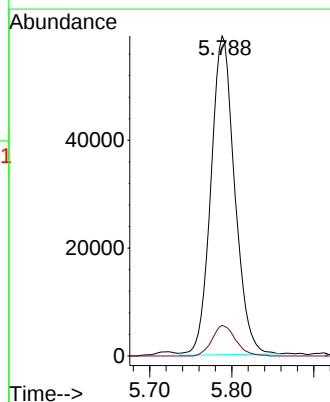
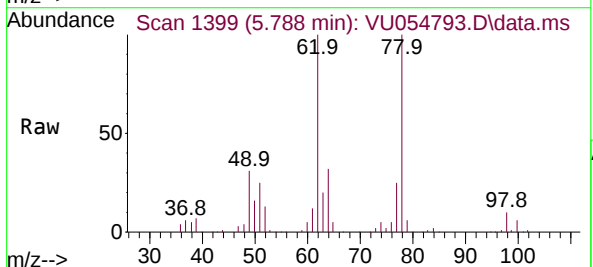
Acq: 17 Jul 2023 14:14

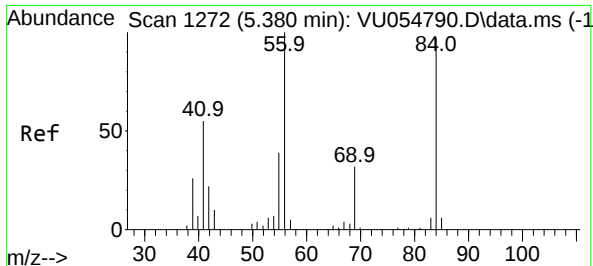
Tgt Ion: 62 Resp: 119299

Ion Ratio Lower Upper

62 100

98 10.1 7.5 11.3





#29

Cyclohexane

Concen: 41.948 ug/L

RT: 5.383 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

VICV034

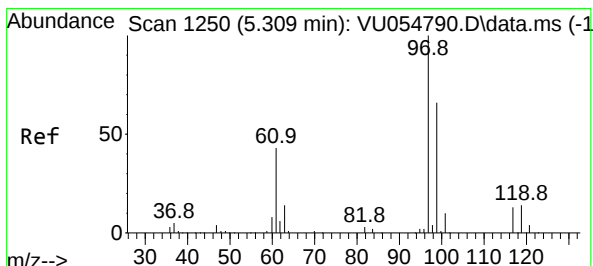
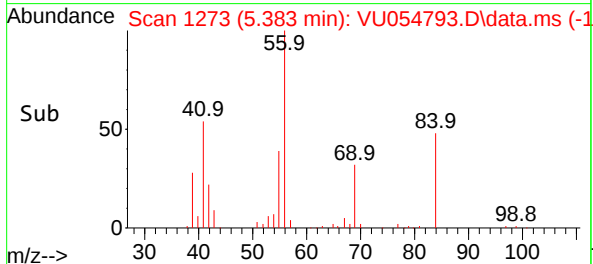
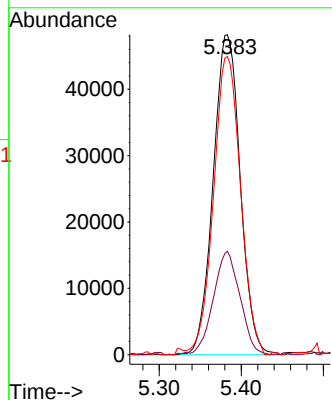
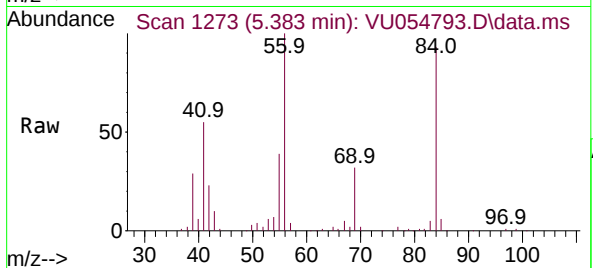
Tgt Ion: 56 Resp: 110530

Ion Ratio Lower Upper

56 100

69 31.6 25.8 38.8

84 93.2 75.9 113.9



#30

1,1,1-Trichloroethane

Concen: 50.441 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

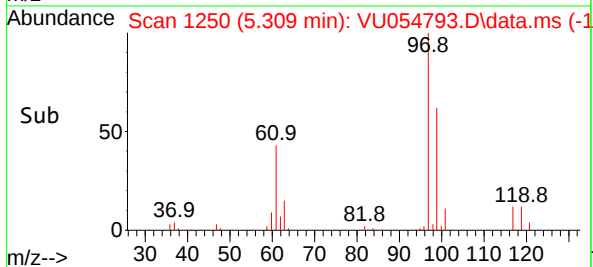
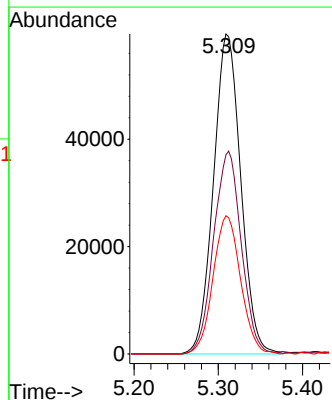
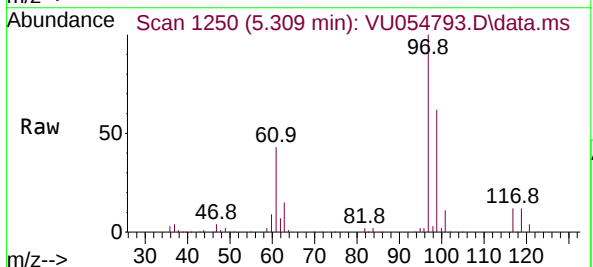
Tgt Ion: 97 Resp: 134140

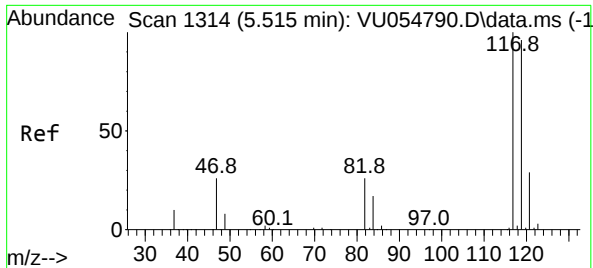
Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 43.6 34.3 51.5

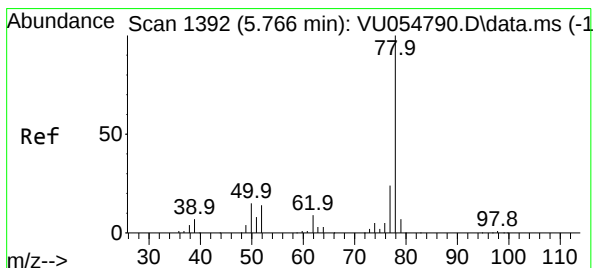
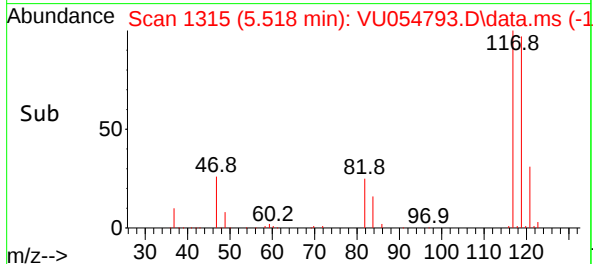
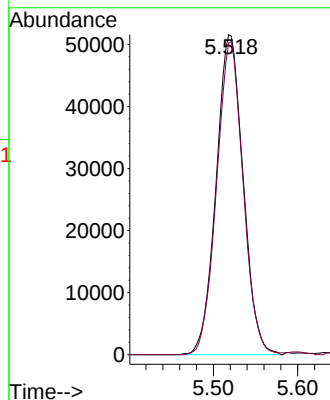
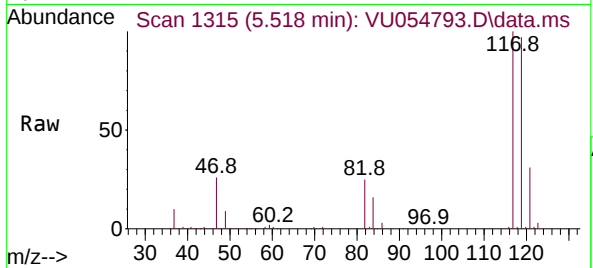




#31
Carbon tetrachloride
Concen: 49.863 ug/L
RT: 5.518 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

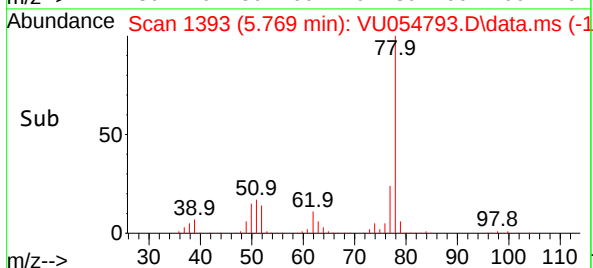
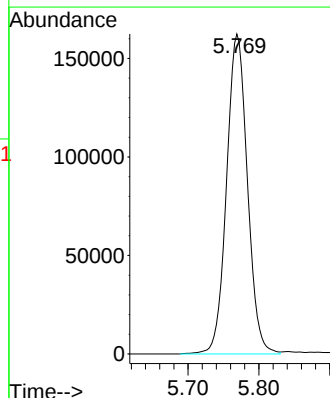
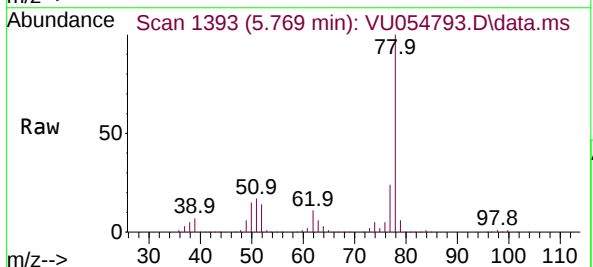
Instrument :
MSVOA_U
ClientSampleId :
VICV034

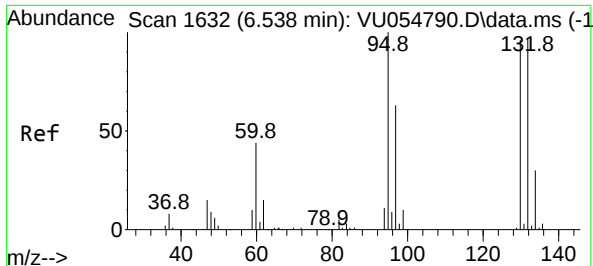
Tgt Ion:117 Resp: 114513
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2



#33
Benzene
Concen: 48.367 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Tgt Ion: 78 Resp: 332075

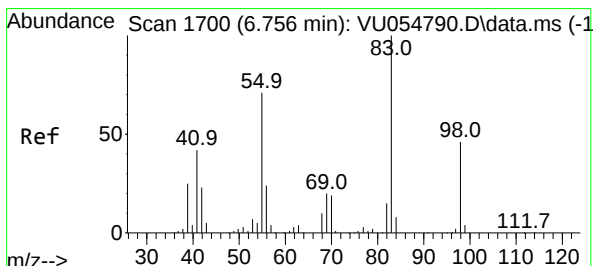
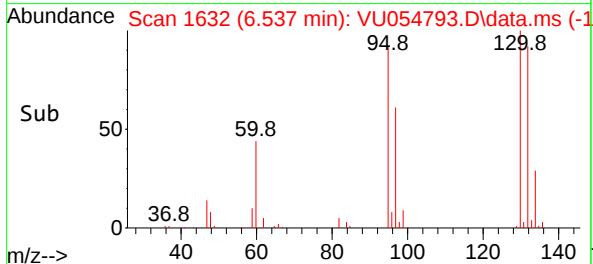
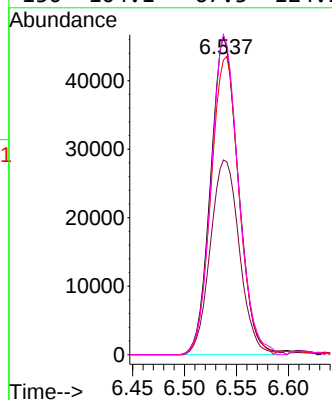
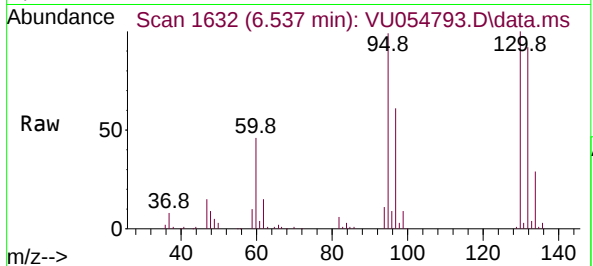




#34
Trichloroethene
Concen: 49.235 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

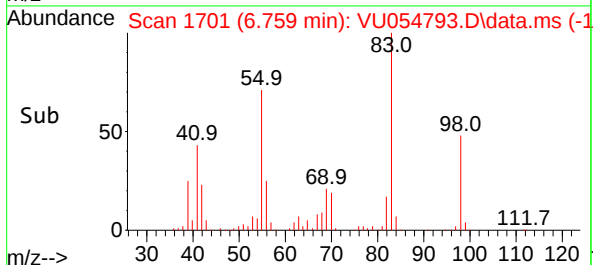
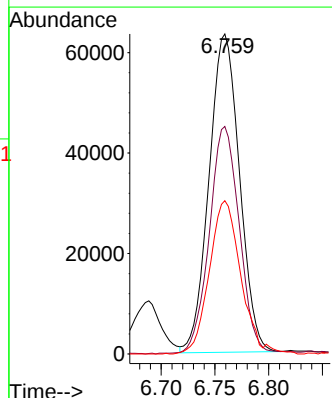
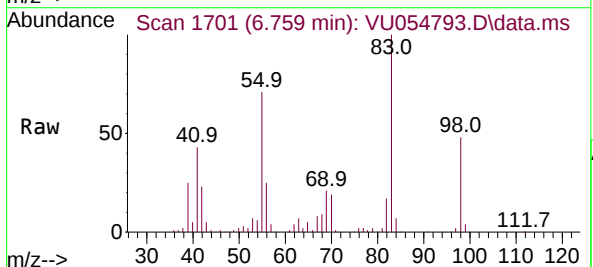
Instrument :
MSVOA_U
ClientSampleId :
VICV034

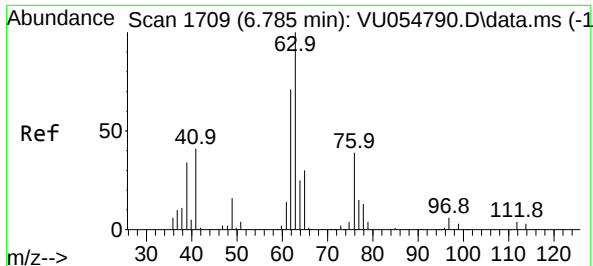
Tgt Ion: 95 Resp: 86045
Ion Ratio Lower Upper
95 100
97 61.3 44.0 81.8
132 92.7 67.9 126.1
130 104.1 67.3 124.9



#35
Methylcyclohexane
Concen: 43.777 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Tgt Ion: 83 Resp: 125031
Ion Ratio Lower Upper
83 100
55 69.7 55.8 83.8
98 48.5 38.6 58.0





#37

1,2-Dichloropropane

Concen: 49.518 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

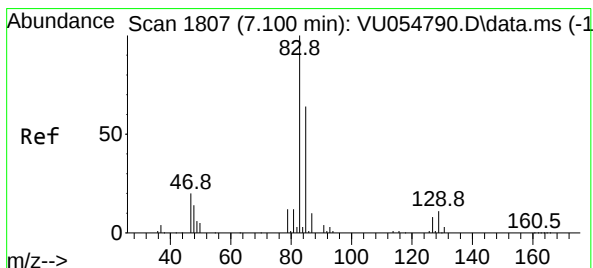
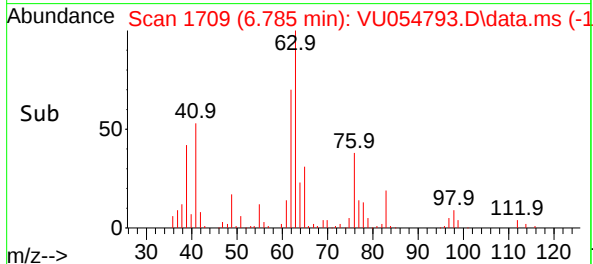
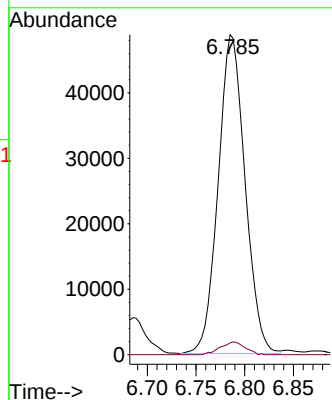
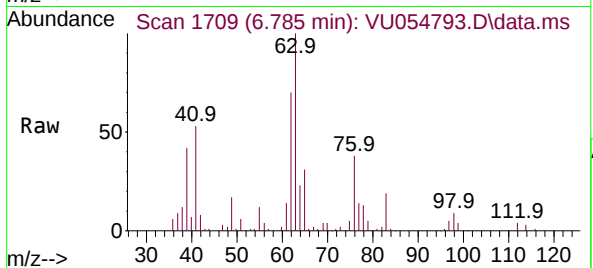
VICV034

Tgt Ion: 63 Resp: 93501

Ion Ratio Lower Upper

63 100

112 3.6 3.1 4.7



#38

Bromodichloromethane

Concen: 51.583 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

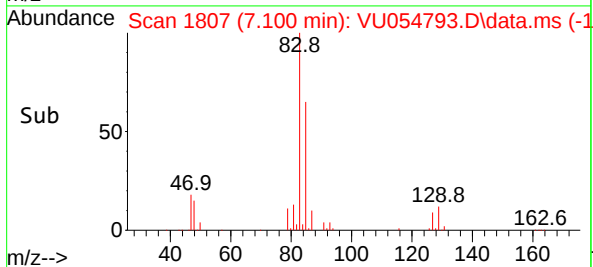
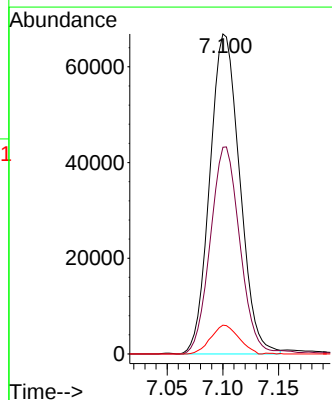
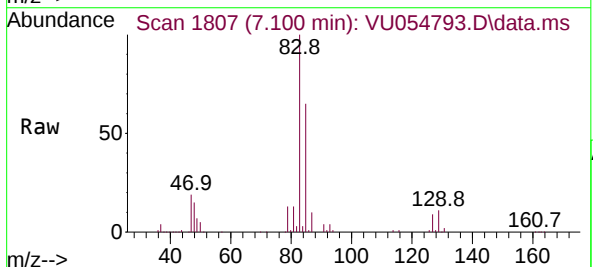
Tgt Ion: 83 Resp: 124961

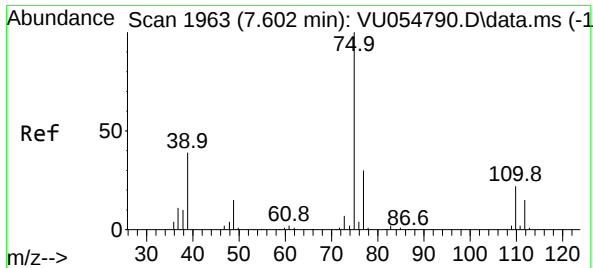
Ion Ratio Lower Upper

83 100

85 64.6 44.9 83.3

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 50.830 ug/L

RT: 7.605 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

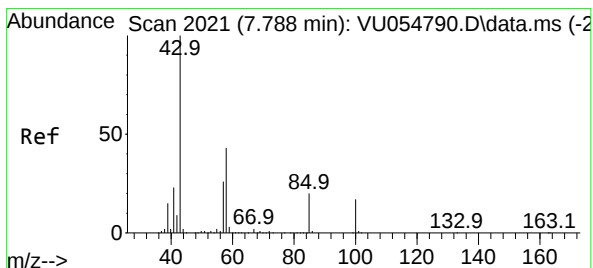
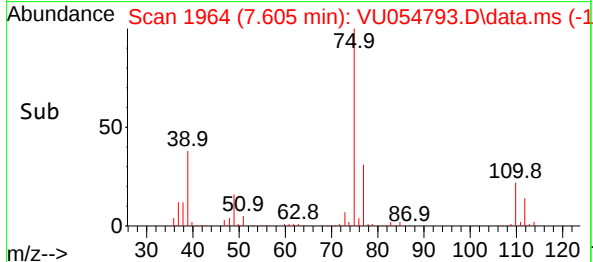
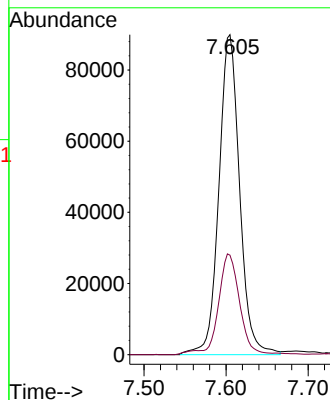
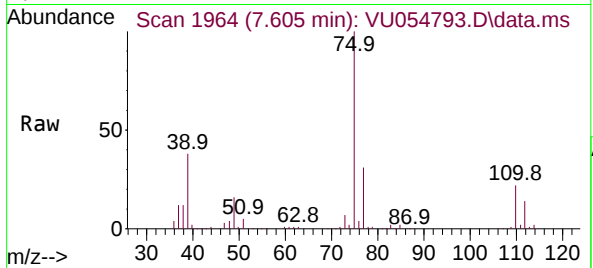
VICV034

Tgt Ion: 75 Resp: 158297

Ion Ratio Lower Upper

75 100

77 31.1 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 101.637 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

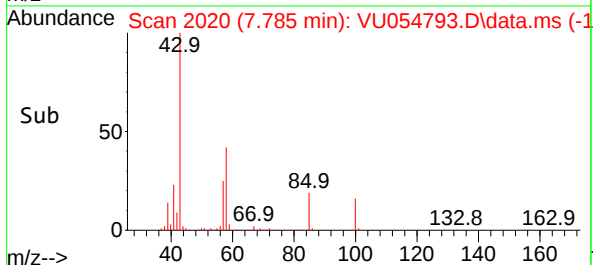
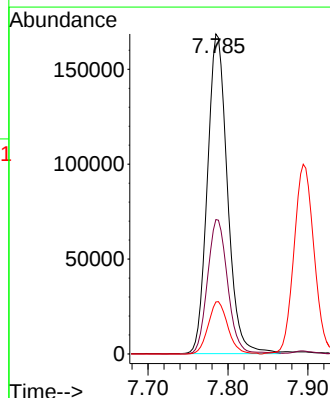
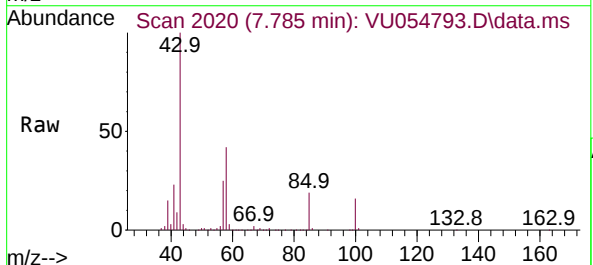
Tgt Ion: 43 Resp: 293860

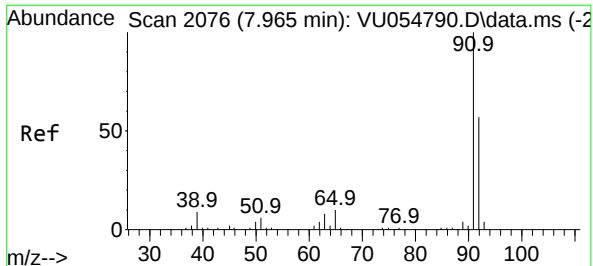
Ion Ratio Lower Upper

43 100

58 42.3 33.7 50.5

100 16.0 13.0 19.4





#42

Toluene

Concen: 48.894 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

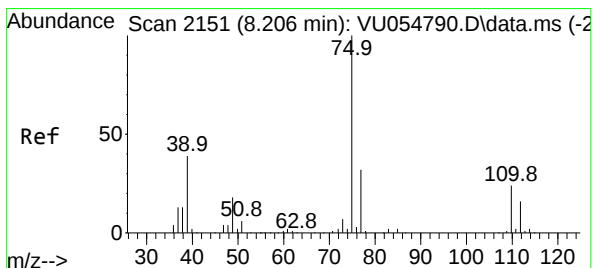
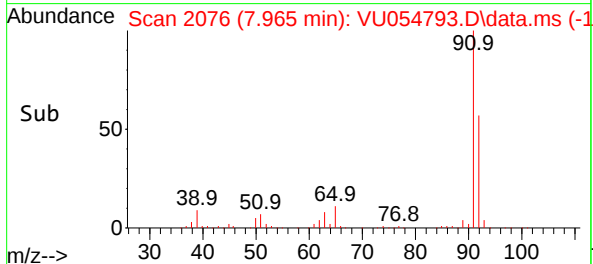
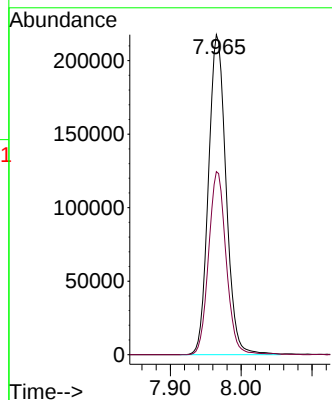
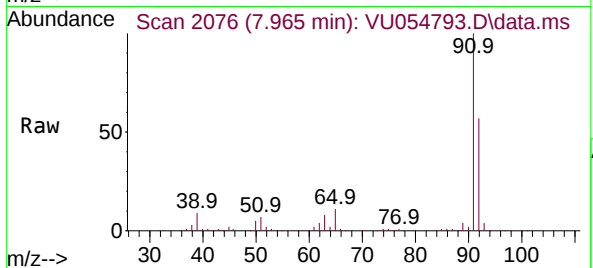
VICV034

Tgt Ion: 91 Resp: 375639

Ion Ratio Lower Upper

91 100

92 57.2 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 49.880 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU054793.D

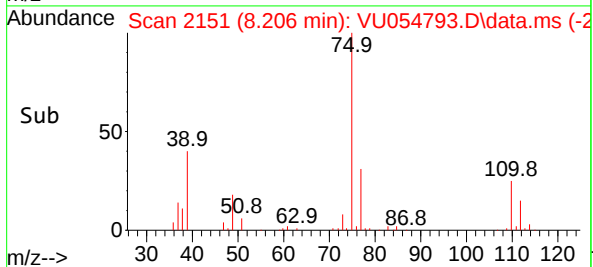
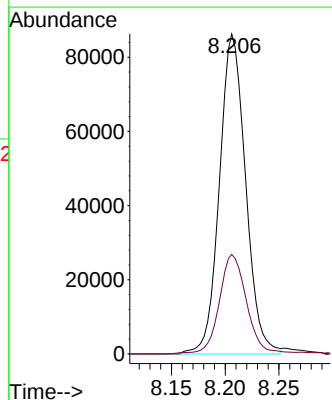
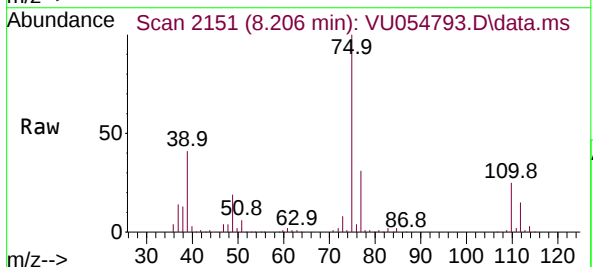
Acq: 17 Jul 2023 14:14

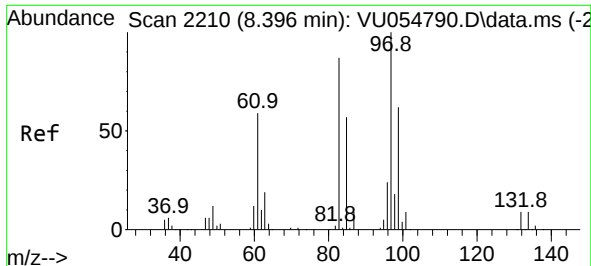
Tgt Ion: 75 Resp: 145946

Ion Ratio Lower Upper

75 100

77 31.1 22.7 42.1

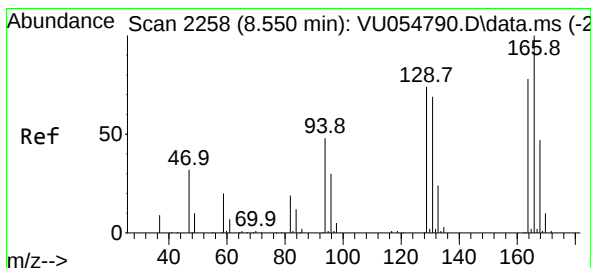
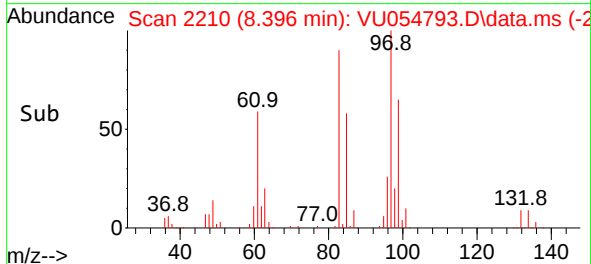
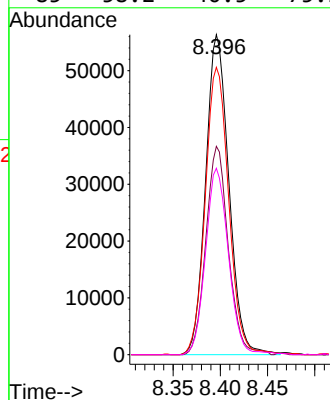
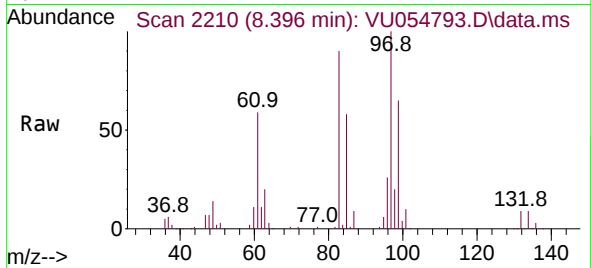




#45
1,1,2-Trichloroethane
Concen: 50.117 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

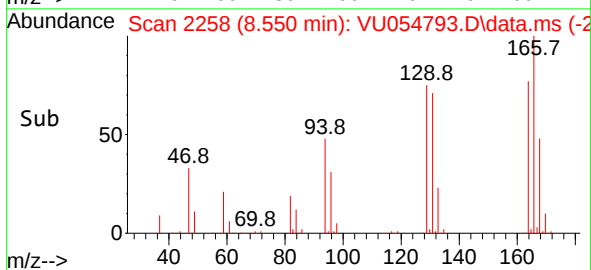
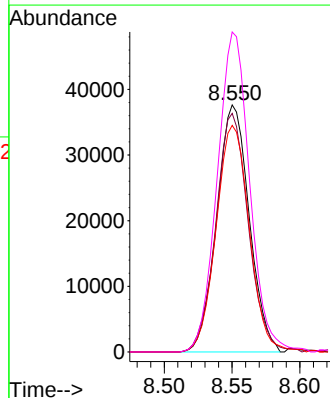
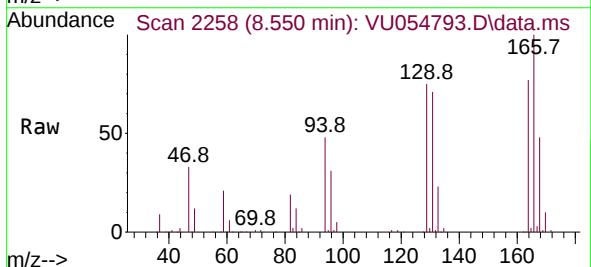
Instrument :
MSVOA_U
ClientSampleId :
VICV034

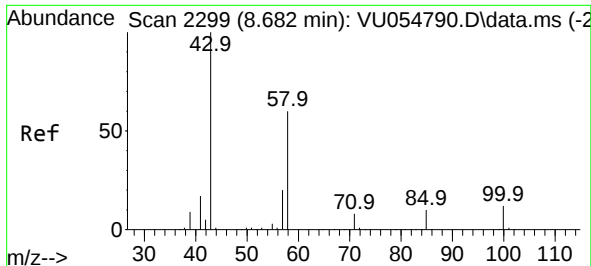
Tgt Ion:	97	Resp:	96481
Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.3	80.5
83	89.8	60.6	112.6
85	58.2	40.5	75.3



#46
Tetrachloroethene
Concen: 46.742 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Tgt Ion:	164	Resp:	62627
Ion	Ratio	Lower	Upper
164	100		
129	94.2	66.2	123.0
131	89.4	61.9	115.1
166	126.3	89.2	165.8



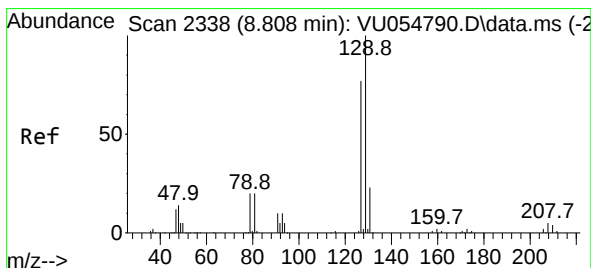
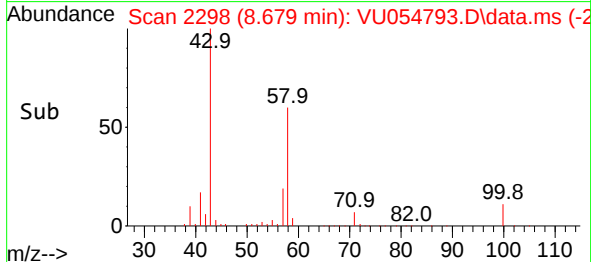
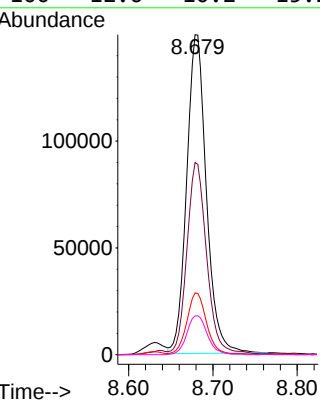
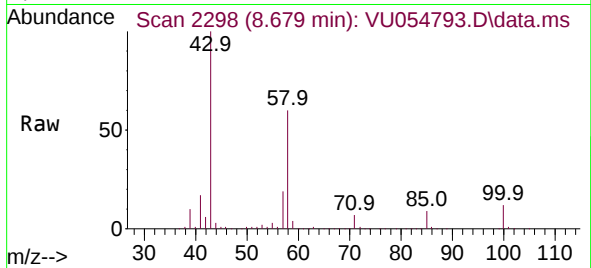


#48
2-Hexanone
Concen: 101.750 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Instrument :
MSVOA_U
ClientSampleId :
VICV034

Tgt Ion: 43 Resp: 243715

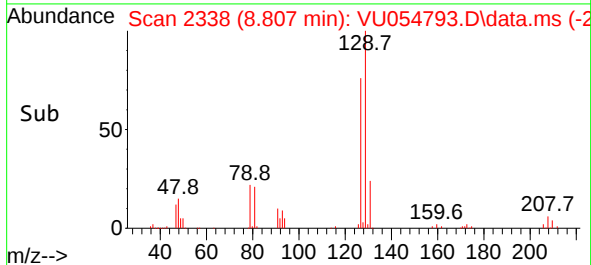
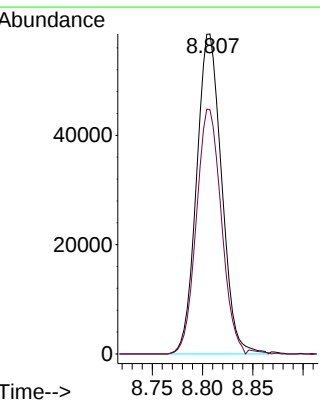
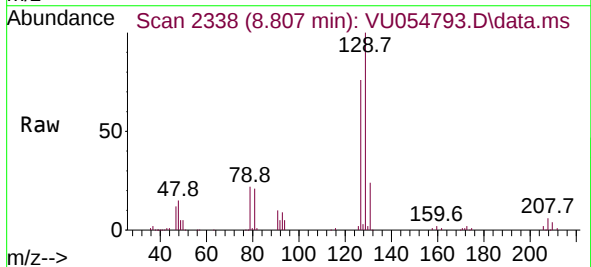
Ion	Ratio	Lower	Upper
43	100		
58	59.8	46.5	69.7
57	19.6	15.4	23.2
100	12.6	10.2	15.2

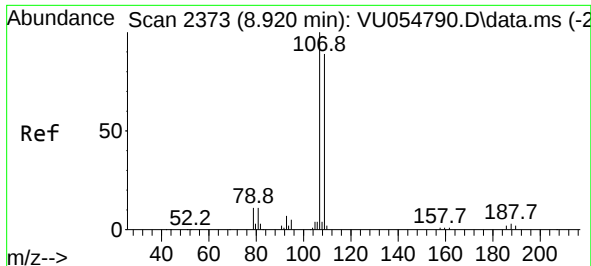


#49
Dibromochloromethane
Concen: 51.173 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Tgt Ion: 129 Resp: 101471

Ion	Ratio	Lower	Upper
129	100		
127	79.2	54.4	101.0





#50

1,2-Dibromoethane

Concen: 48.875 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

VICV034

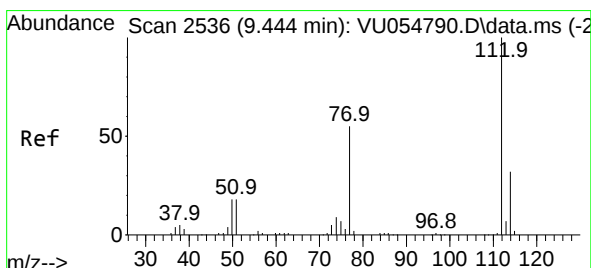
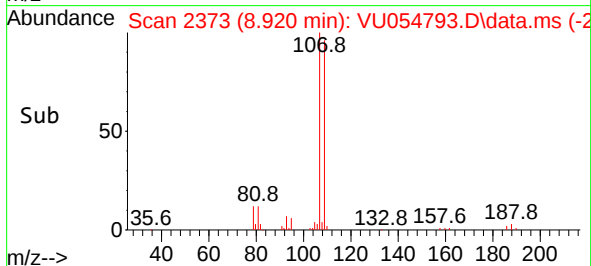
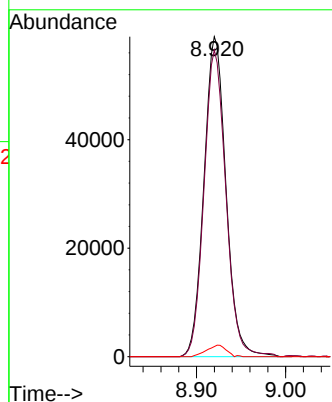
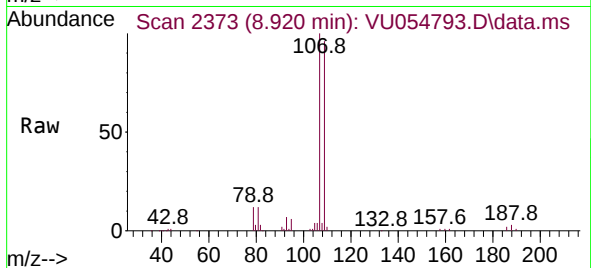
Tgt Ion:107 Resp: 101277

Ion Ratio Lower Upper

107 100

109 95.9 62.5 116.1

188 3.1 2.6 4.0



#51

Chlorobenzene

Concen: 49.518 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

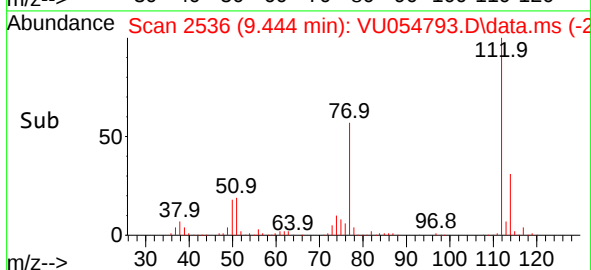
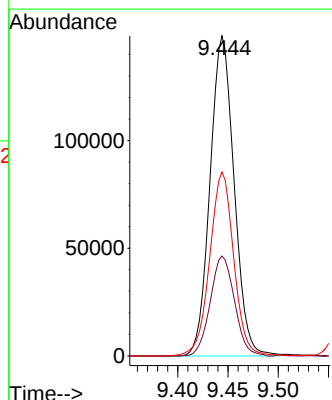
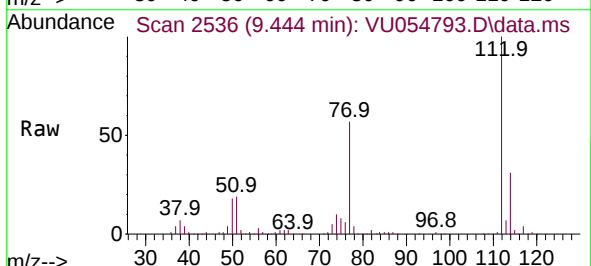
Tgt Ion:112 Resp: 247496

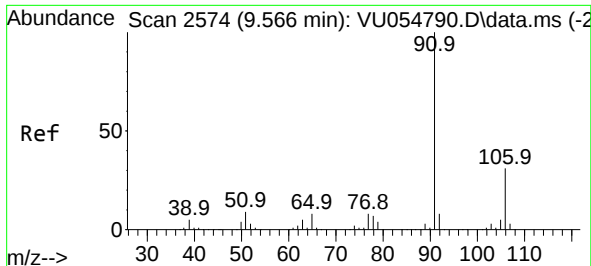
Ion Ratio Lower Upper

112 100

114 31.3 22.3 41.5

77 57.4 44.2 66.4





#52

Ethylbenzene

Concen: 48.673 ug/L

RT: 9.566 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

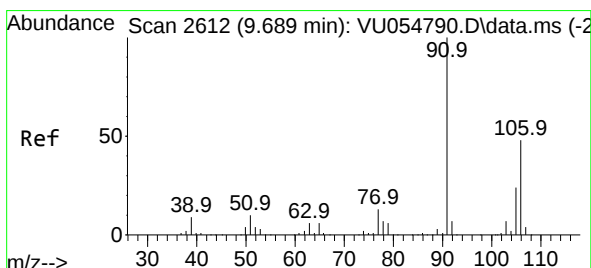
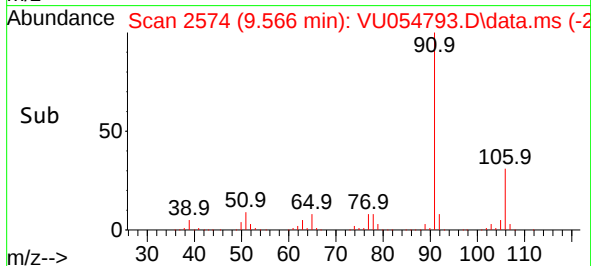
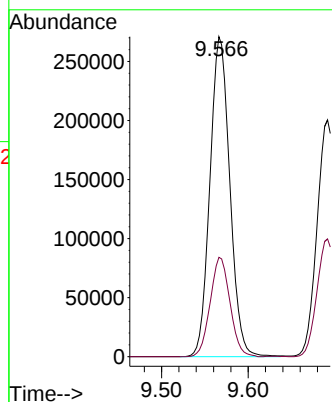
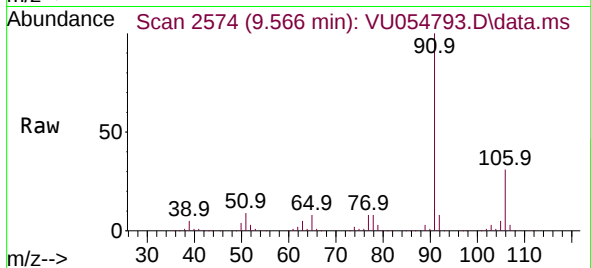
VICV034

Tgt Ion: 91 Resp: 432329

Ion Ratio Lower Upper

91 100

106 33.7 23.5 43.7



#53

m,p-Xylene

Concen: 48.755 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU054793.D

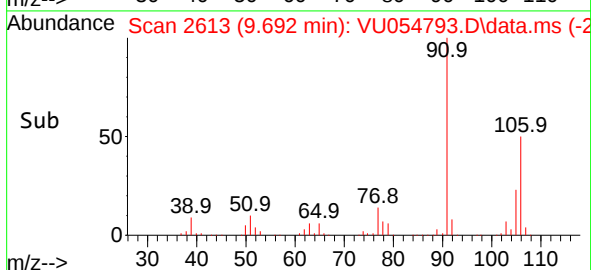
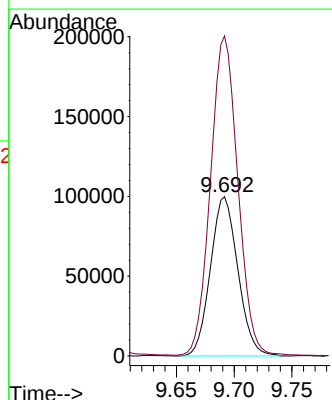
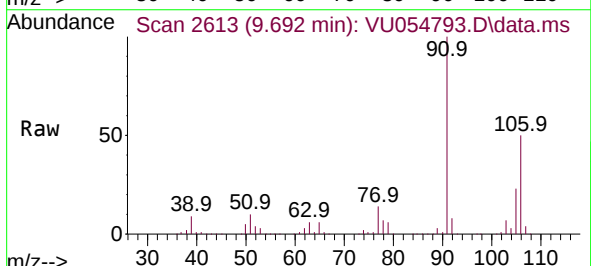
Acq: 17 Jul 2023 14:14

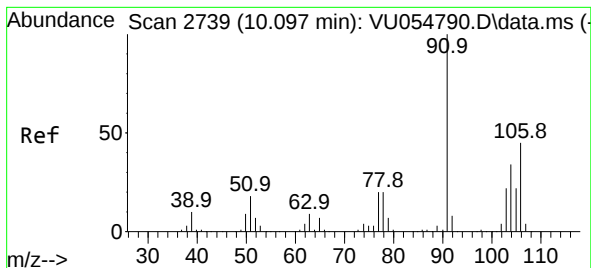
Tgt Ion:106 Resp: 164880

Ion Ratio Lower Upper

106 100

91 184.9 133.3 247.7





#54

o-Xylene

Concen: 48.576 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

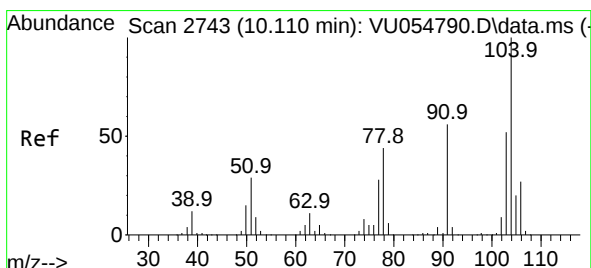
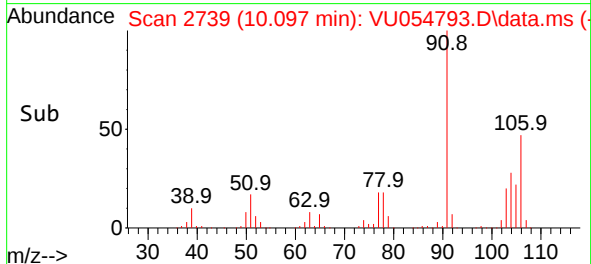
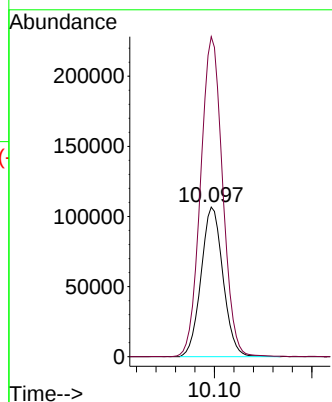
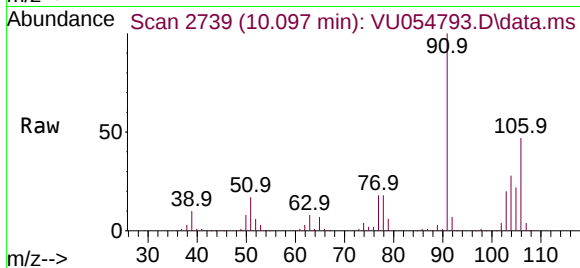
VICV034

Tgt Ion:106 Resp: 166882

Ion Ratio Lower Upper

106 100

91 214.0 142.0 263.8



#55

Styrene

Concen: 48.725 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU054793.D

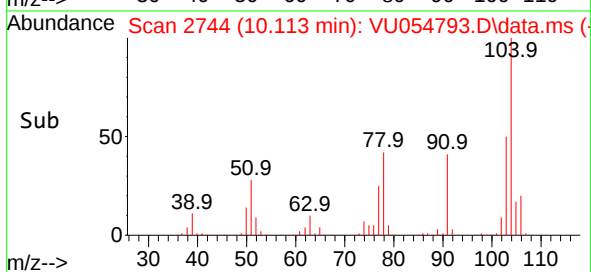
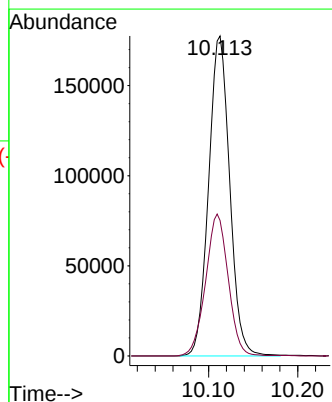
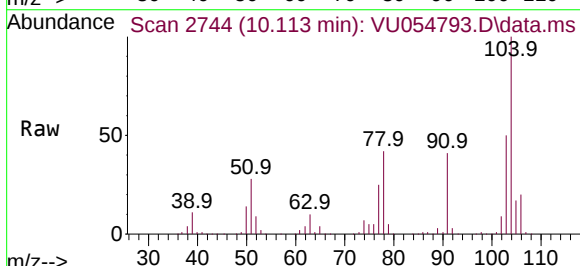
Acq: 17 Jul 2023 14:14

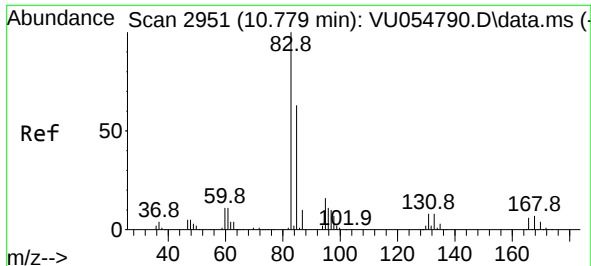
Tgt Ion:104 Resp: 291542

Ion Ratio Lower Upper

104 100

78 42.3 30.7 57.1

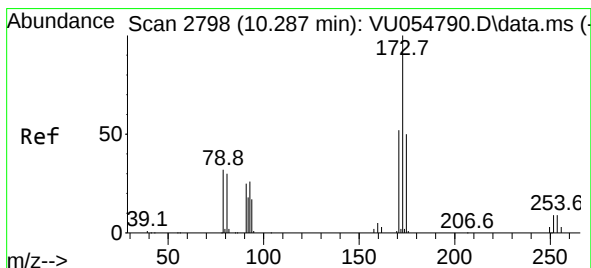
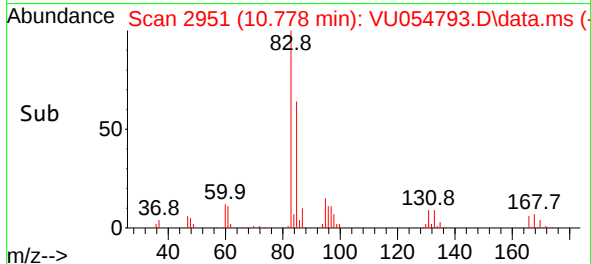
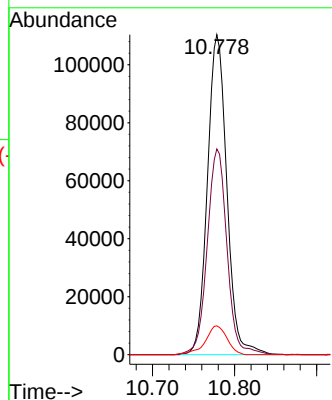
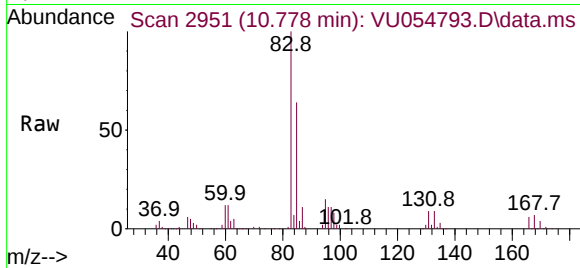




#57
1,1,2,2-Tetrachloroethane
Concen: 47.846 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

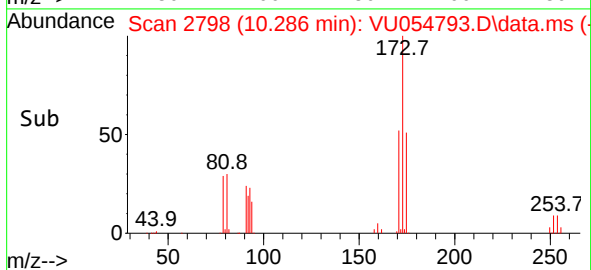
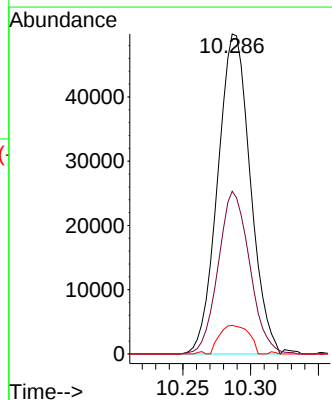
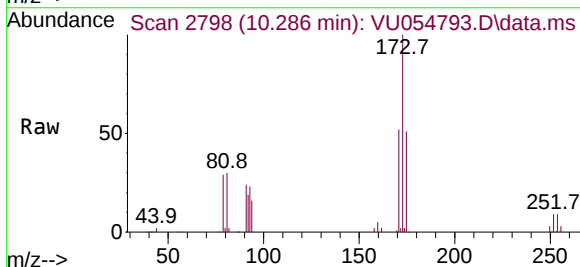
Instrument :
MSVOA_U
ClientSampleId :
VICV034

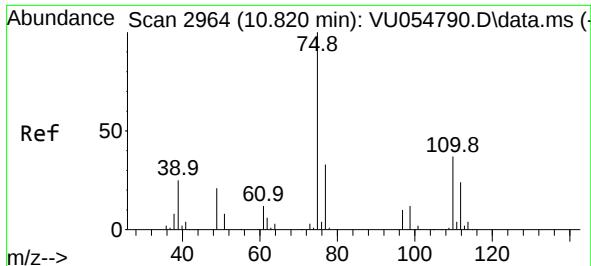
Tgt Ion: 83 Resp: 181852
Ion Ratio Lower Upper
83 100
85 64.3 43.8 81.4
131 9.0 8.7 13.1



#59
Bromoform
Concen: 50.481 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Tgt Ion:173 Resp: 83201
Ion Ratio Lower Upper
173 100
175 49.2 38.8 58.2
254 8.1 2.4 3.6#

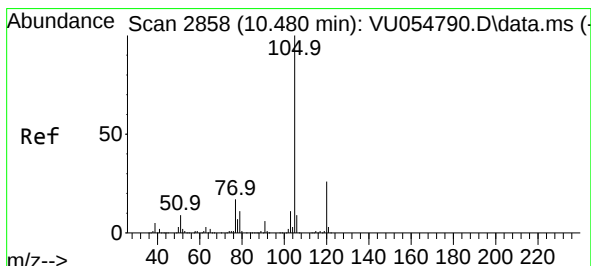
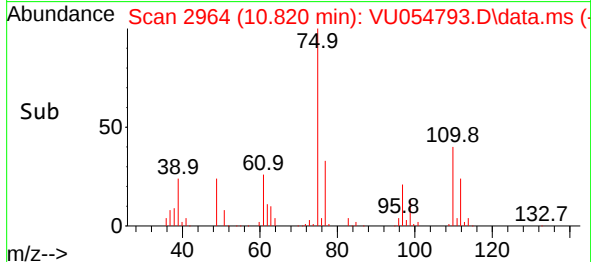
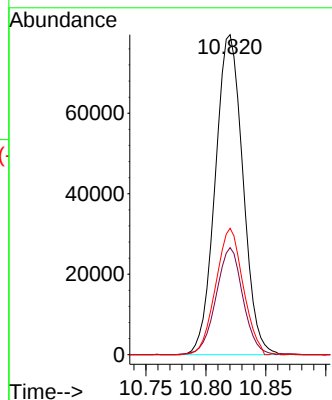
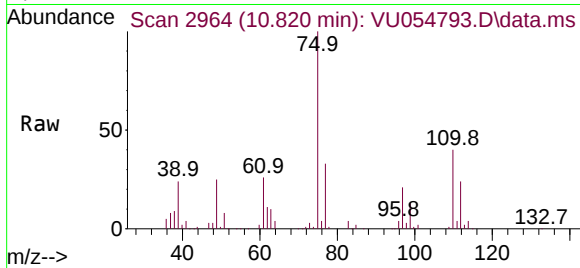




#60
1,2,3-Trichloropropane
Concen: 49.660 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

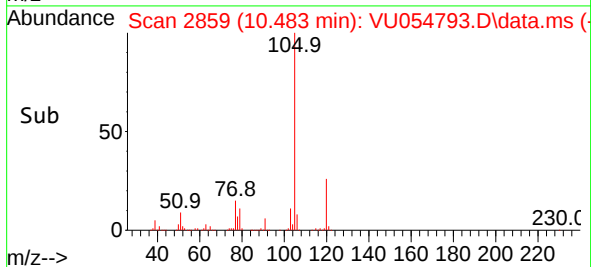
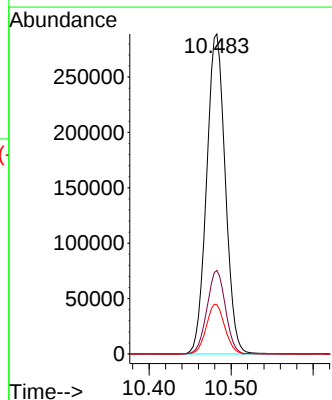
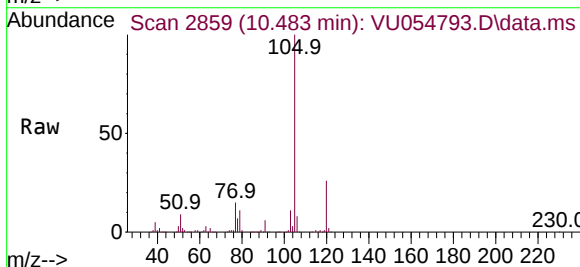
Instrument :
MSVOA_U
ClientSampleId :
VICV034

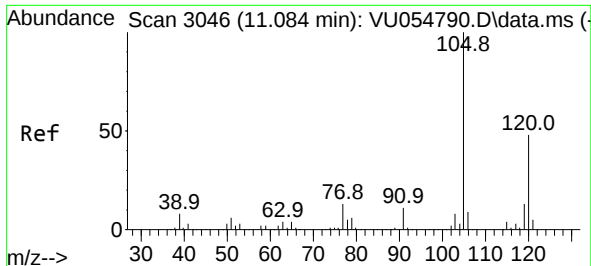
Tgt Ion: 75 Resp: 127680
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.4
110 39.1 29.9 44.9



#61
Isopropylbenzene
Concen: 52.396 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Tgt Ion: 105 Resp: 456164
Ion Ratio Lower Upper
105 100
120 25.8 21.4 32.0
77 15.4 12.8 19.2

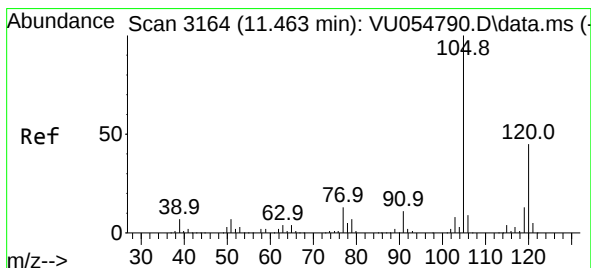
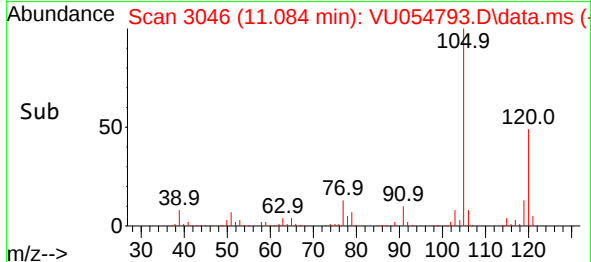
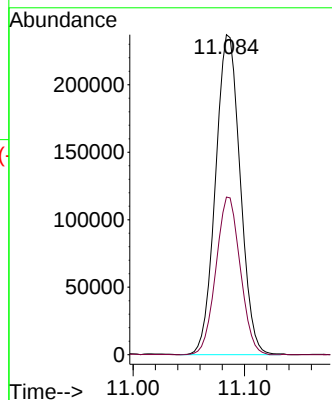
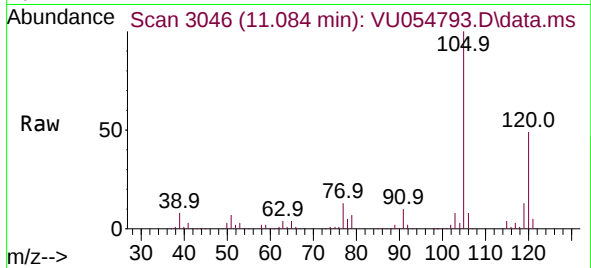




#62
1,3,5-Trimethylbenzene
Concen: 50.873 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

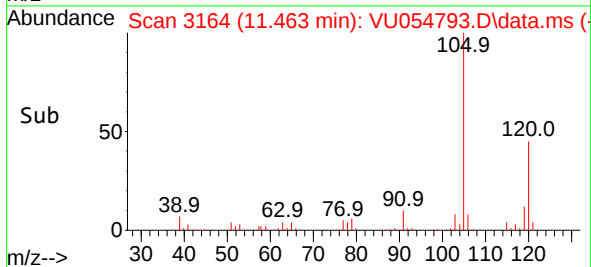
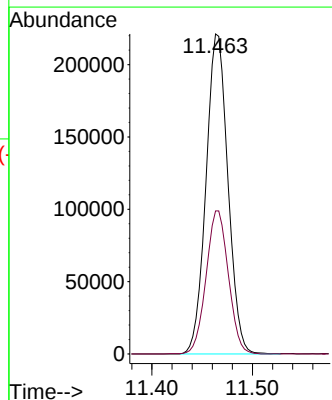
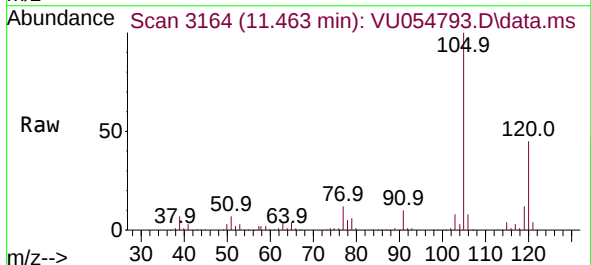
Instrument :
MSVOA_U
ClientSampleId :
VICV034

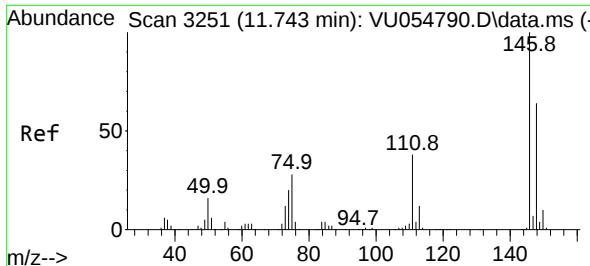
Tgt Ion:105 Resp: 364752
Ion Ratio Lower Upper
105 100
120 48.6 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 47.090 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Tgt Ion:105 Resp: 334659
Ion Ratio Lower Upper
105 100
120 45.5 36.2 54.2

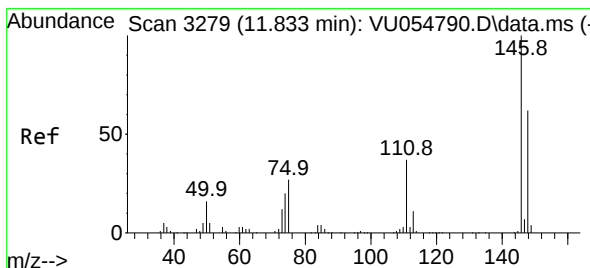
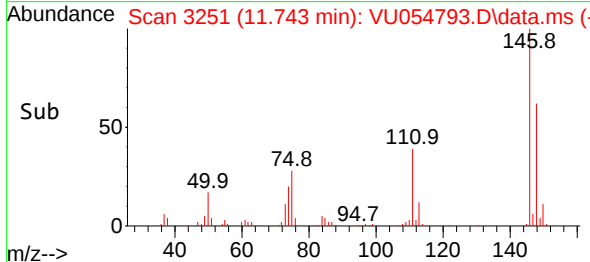
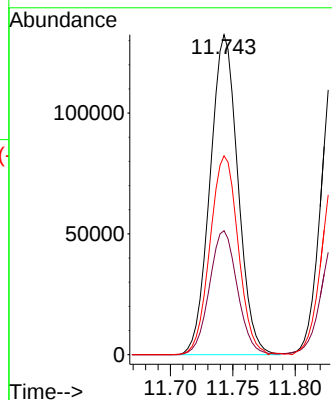
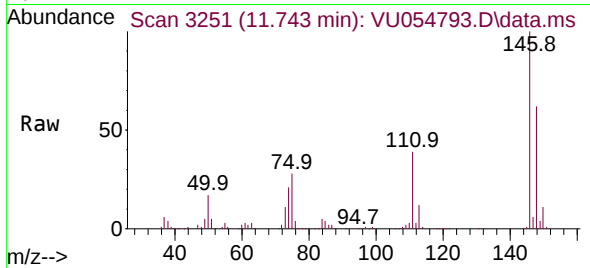




#64
1,3-Dichlorobenzene
Concen: 51.107 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

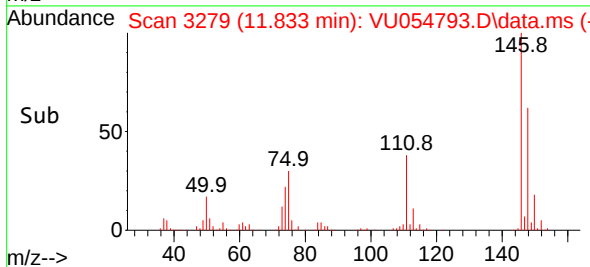
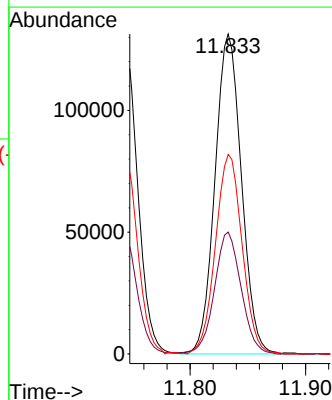
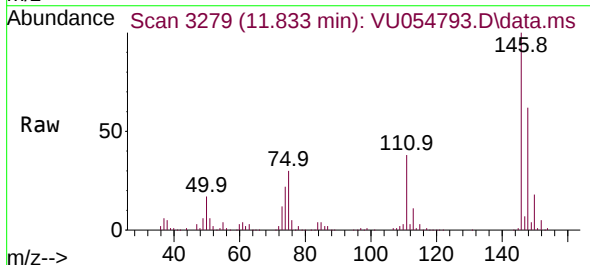
Instrument :
MSVOA_U
ClientSampleId :
VICV034

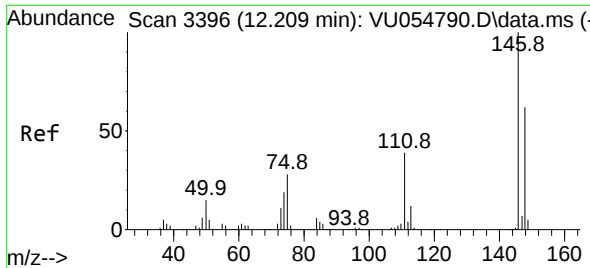
Tgt Ion:146 Resp: 206353
Ion Ratio Lower Upper
146 100
111 36.4 25.2 46.8
148 58.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 51.469 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Tgt Ion:146 Resp: 209317
Ion Ratio Lower Upper
146 100
111 38.1 24.1 44.8
148 62.3 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 51.633 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

VICV034

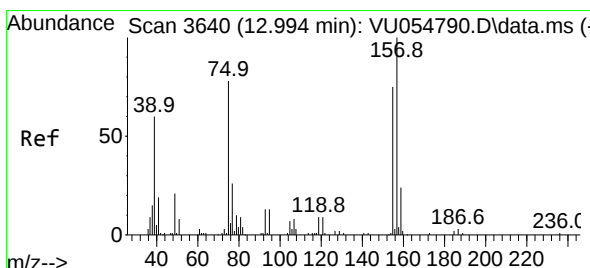
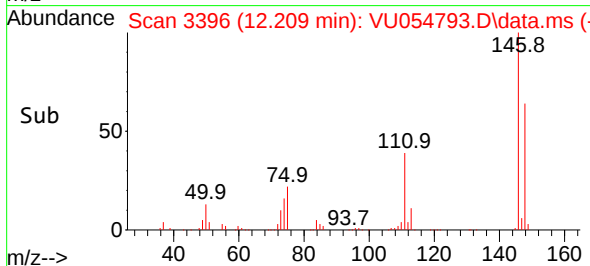
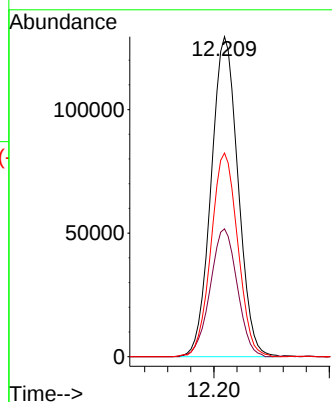
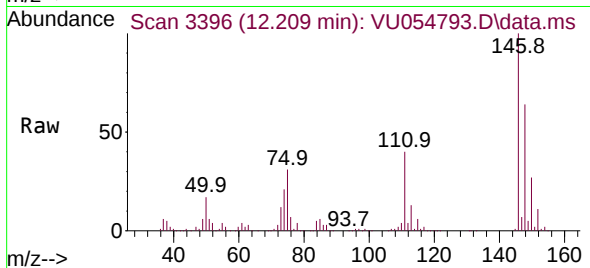
Tgt Ion:146 Resp: 209424

Ion Ratio Lower Upper

146 100

111 37.4 31.5 47.3

148 64.4 53.5 80.3



#68

1,2-Dibromo-3-chloropropane

Concen: 52.433 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

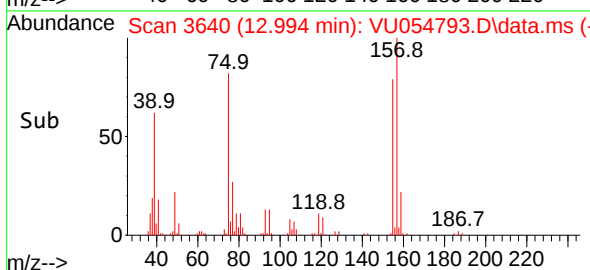
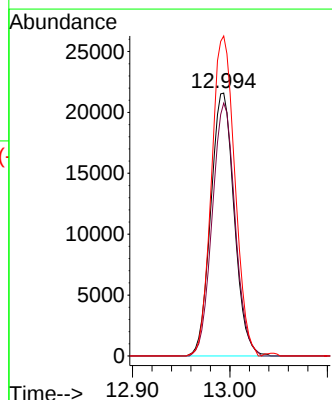
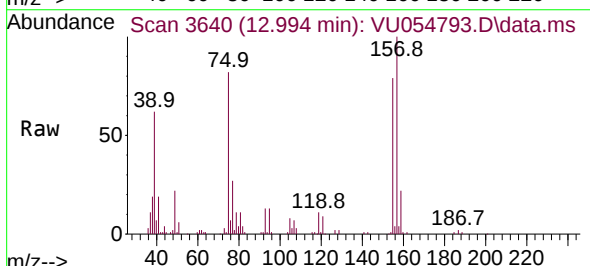
Tgt Ion: 75 Resp: 36031

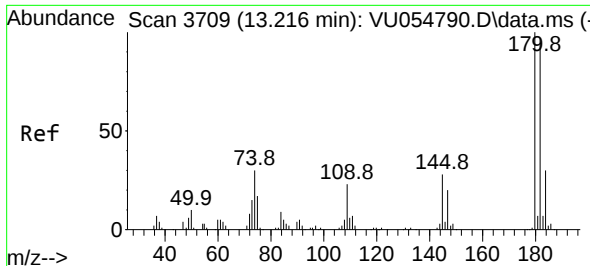
Ion Ratio Lower Upper

75 100

155 100.8 80.6 121.0

157 126.8 106.5 159.7





#69

1,3,5-Trichlorobenzene

Concen: 52.836 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

VICV034

Tgt Ion:180 Resp: 143008

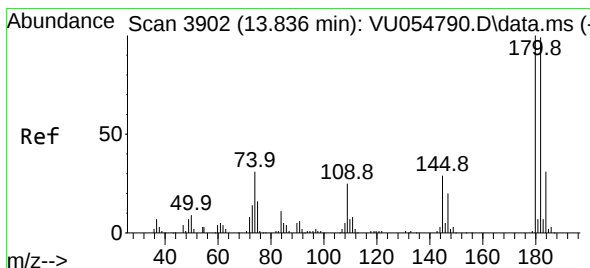
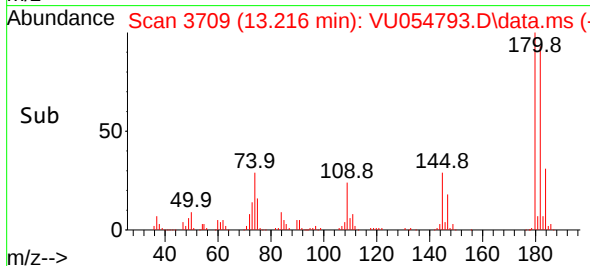
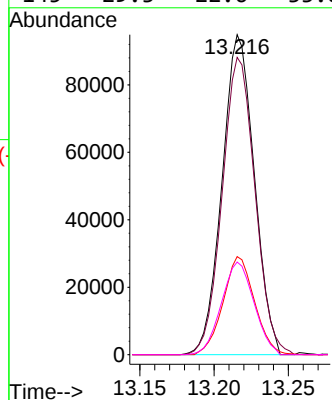
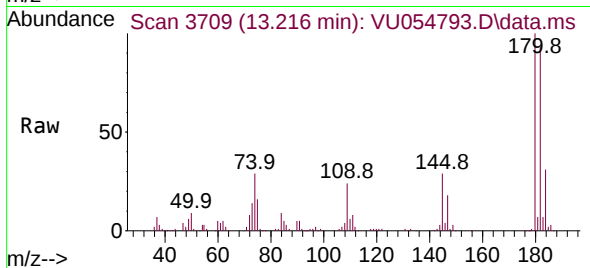
Ion Ratio Lower Upper

180 100

182 94.5 76.7 115.1

184 30.0 23.4 35.0

145 29.3 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 57.017 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU054793.D

Acq: 17 Jul 2023 14:14

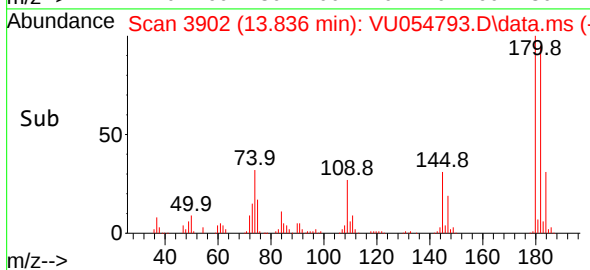
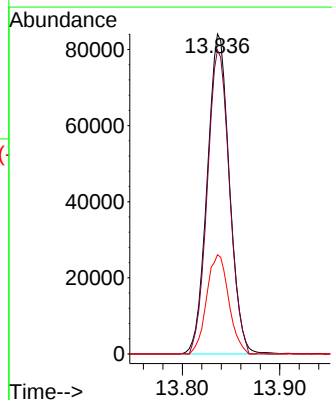
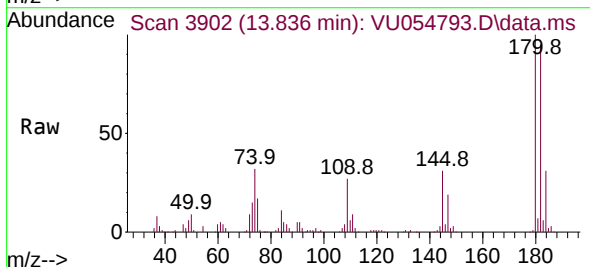
Tgt Ion:180 Resp: 133231

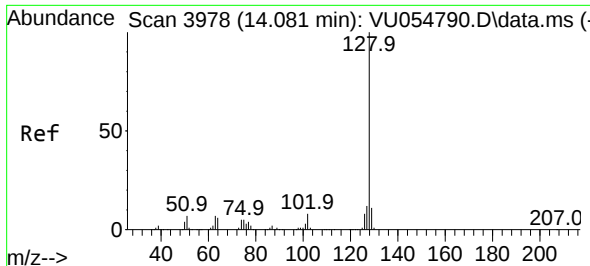
Ion Ratio Lower Upper

180 100

182 94.4 76.8 115.2

145 30.7 23.0 34.6

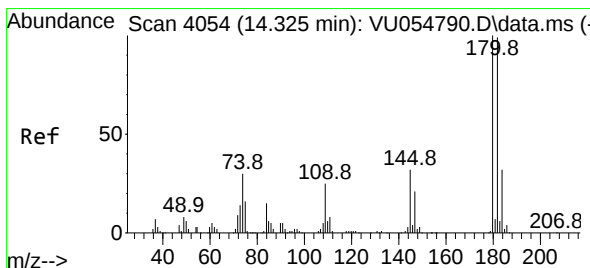
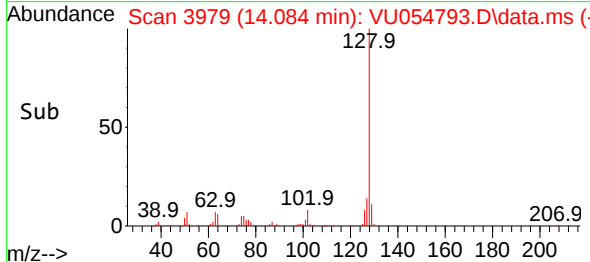
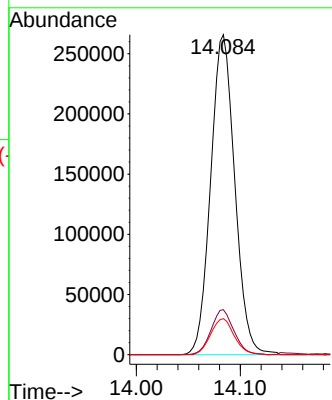
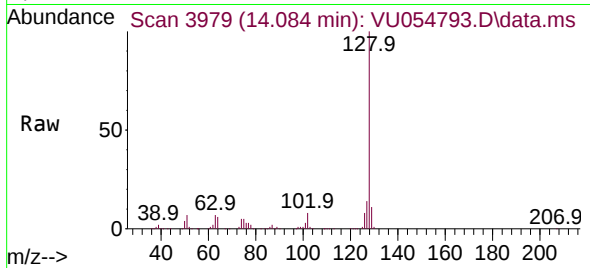




#71
Naphthalene
Concen: 55.826 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Instrument :
MSVOA_U
ClientSampleId :
VICV034

Tgt Ion:	128	Resp:	428151
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.0	15.0
129	11.0	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 57.676 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054793.D
Acq: 17 Jul 2023 14:14

Tgt Ion:	180	Resp:	131238
Ion Ratio	Lower	Upper	
180	100		
182	96.3	76.6	115.0
145	31.9	25.4	38.2

