

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055391.D
 Acq On : 19 Sep 2023 14:29
 Operator : MD/SY
 Sample : VSTD00563
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 05:25:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 05:24:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	254115	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	260422	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	146437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	128875	7.765	ug/L	0.00
7) Chloroethane-d5	1.911	69	109929	6.355	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	51815	8.306	ug/L	0.00
20) 2-Butanone-d5	4.628	46	235259	57.184	ug/L	0.00
24) Chloroform-d	5.058	84	237737	6.790	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	114221	6.536	ug/L	0.00
32) Benzene-d6	5.724	84	474513	7.702	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	140276	6.952	ug/L	0.00
41) Toluene-d8	7.894	98	439437	8.109	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	50178	6.951	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	144956	58.874	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105377	6.252	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	148408	7.141	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	123228	5.096	ug/L	100
3) Chloromethane	1.515	50	106628	4.698	ug/L	100
5) Vinyl chloride	1.602	62	114958	4.664	ug/L	100
6) Bromomethane	1.856	94	74886	4.097	ug/L	100
8) Chloroethane	1.930	64	73159	3.831	ug/L	100
9) Trichlorofluoromethane	2.136	101	153767	4.039	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	96476	4.856	ug/L	100
12) 1,1-Dichloroethene	2.576	96	87474	4.925	ug/L	100
13) Acetone	2.644	43	125530	48.372	ug/L	100
14) Carbon disulfide	2.788	76	260927	4.711	ug/L	100
15) Methyl Acetate	2.952	43	28092	4.595	ug/L	100
16) Methylene chloride	3.039	84	110995	4.235	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	189355	4.541	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	88599	4.618	ug/L	100
19) 1,1-Dichloroethane	3.866	63	164076	4.445	ug/L	100
21) 2-Butanone	4.708	43	191411	45.555	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	98971	4.421	ug/L	100
23) Bromochloromethane	4.968	128	42918	4.689	ug/L	100
25) Chloroform	5.084	83	175126	4.375	ug/L	100
27) 1,2-Dichloroethane	5.792	62	104374	4.226	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	149633	4.644	ug/L	100
30) Cyclohexane	5.383	56	133654	4.441	ug/L	100
31) Carbon tetrachloride	5.521	117	130727	4.726	ug/L	100
33) Benzene	5.769	78	379126	4.542	ug/L	100
34) Trichloroethene	6.537	95	103107	4.343	ug/L	100
35) Methylcyclohexane	6.759	83	152134	4.430	ug/L	100
37) 1,2-Dichloropropane	6.788	63	95377	4.389	ug/L	100
38) Bromodichloromethane	7.103	83	115954	4.439	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	136889	4.575	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	444831	43.200	ug/L	100
42) Toluene	7.965	91	412193	4.541	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	106459	4.539	ug/L	100

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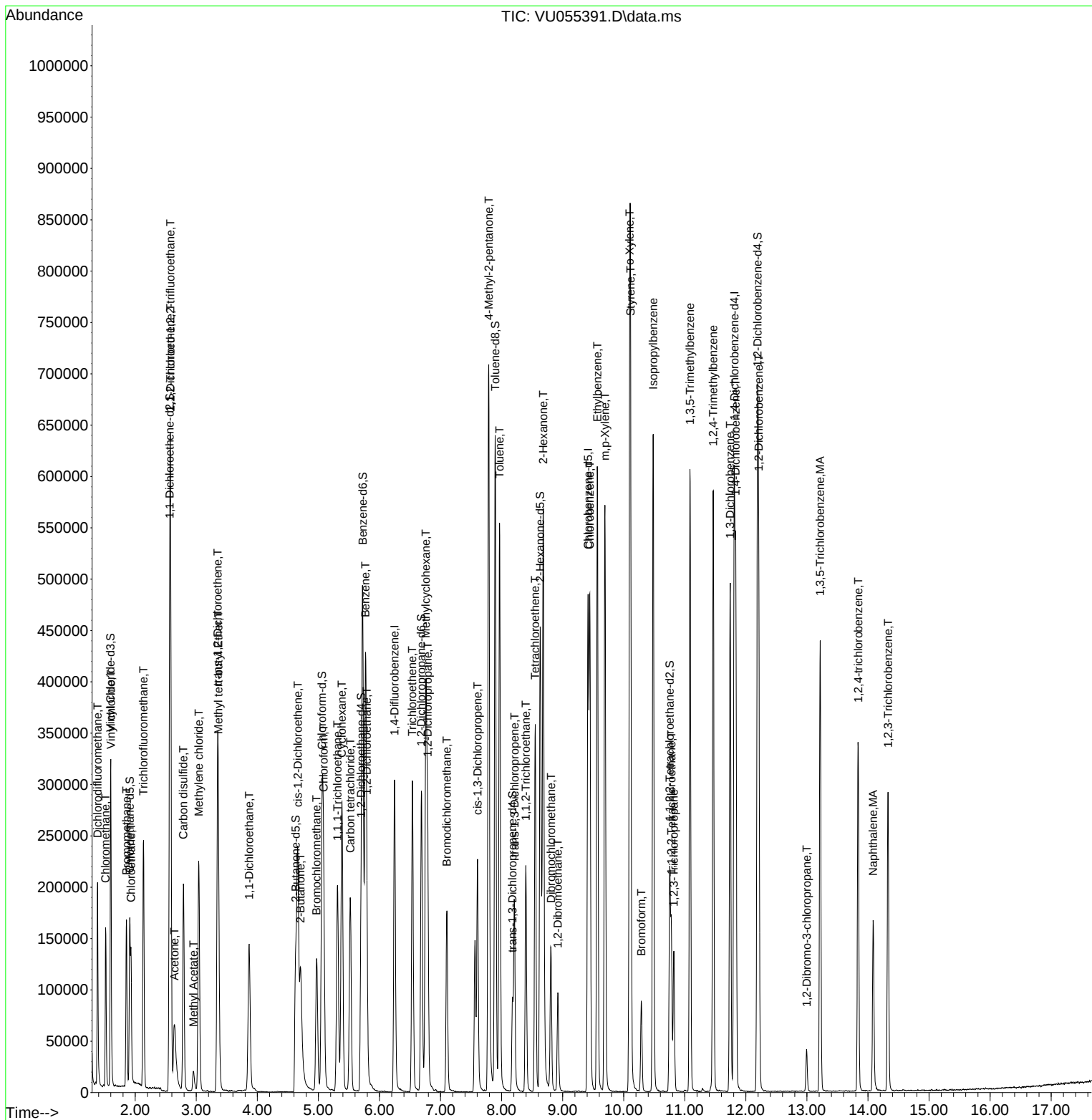
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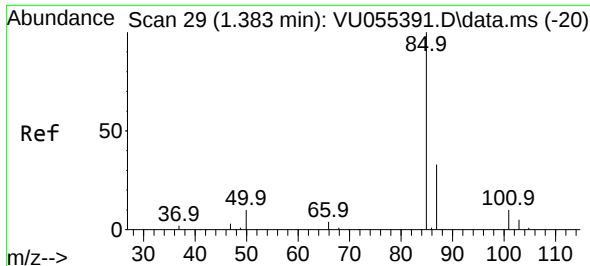
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	69118	4.517	ug/L	100
47) Tetrachloroethene	8.550	164	77610	4.685	ug/L	100
48) 2-Hexanone	8.682	43	347457	44.800	ug/L	100
49) Dibromochloromethane	8.808	129	72160	4.613	ug/L	100
50) 1,2-Dibromoethane	8.920	107	63994	4.528	ug/L	100
51) Chlorobenzene	9.444	112	255086	4.356	ug/L	100
52) Ethylbenzene	9.566	91	430592	4.351	ug/L	100
53) m,p-Xylene	9.692	106	165990	4.441	ug/L	100
54) o-Xylene	10.097	106	154969	4.380	ug/L	100
55) Styrene	10.113	104	263437	4.439	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	78222	4.656	ug/L	100
59) Bromoform	10.287	173	38960	4.641	ug/L	100
60) Isopropylbenzene	10.483	105	423589	4.154	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	56238	4.108	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	330979	4.206	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	325679	4.097	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	199521	4.204	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	196047	4.238	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	181792	4.273	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.997	75	10376	4.423	ug/L	100
69) 1,3,5-Trichlorobenzene	13.216	180	134018	4.120	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	101519	4.033	ug/L	100
71) Naphthalene	14.084	128	141898	3.911	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	90595	4.126	ug/L	100

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

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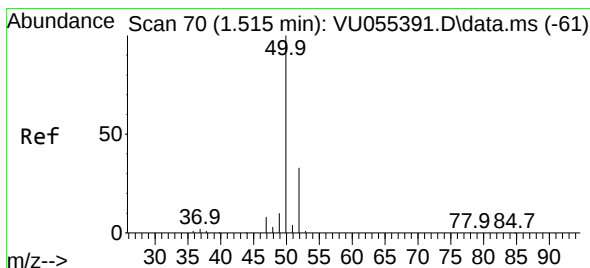
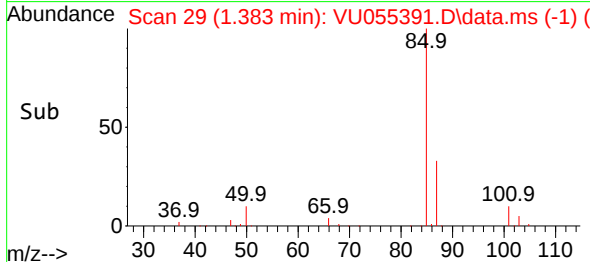
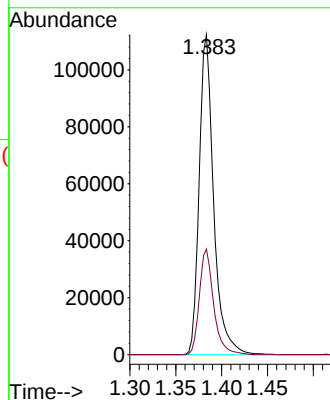
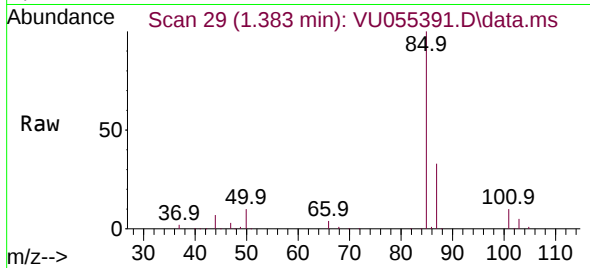




#2
 Dichlorodifluoromethane
 Concen: 5.096 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055391.D
 Acq: 19 Sep 2023 14:29

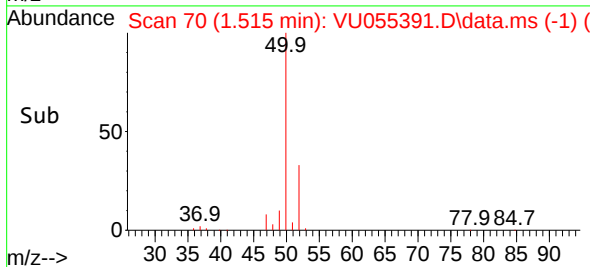
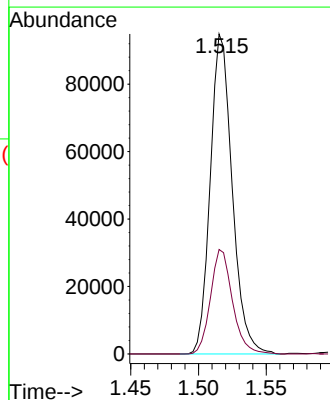
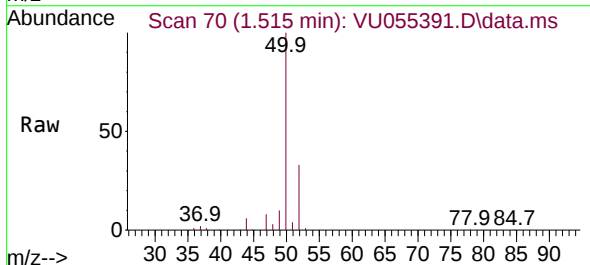
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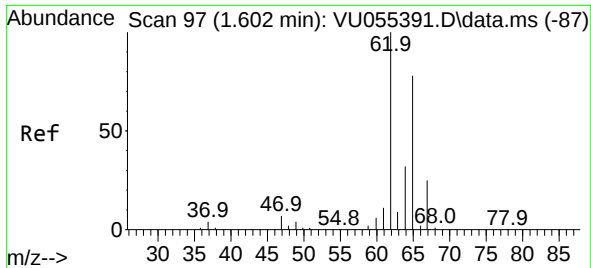
Tgt Ion: 85 Resp: 123228
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 4.698 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU055391.D
 Acq: 19 Sep 2023 14:29

Tgt Ion: 50 Resp: 106628
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.9 42.5

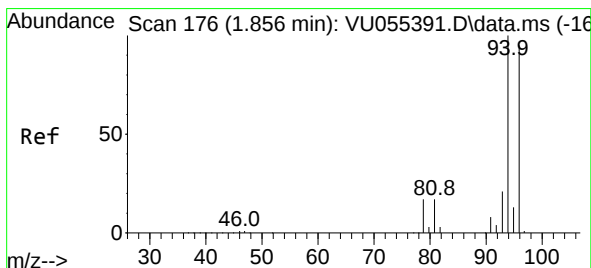
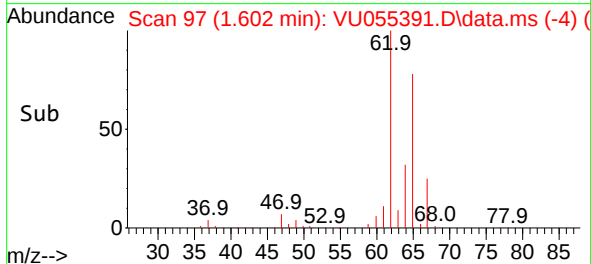
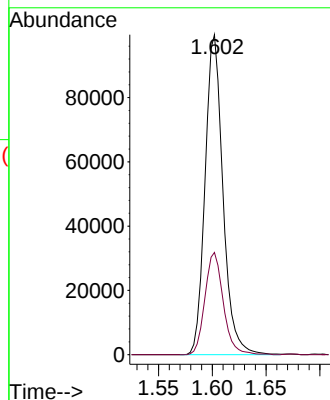
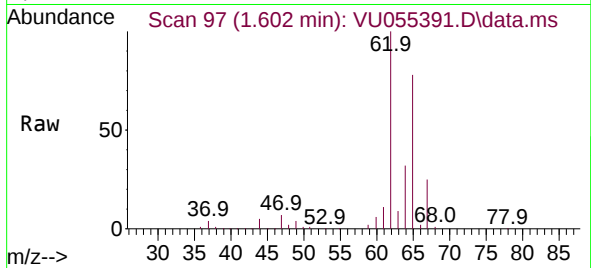




#5
 Vinyl chloride
 Concen: 4.664 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055391.D
 Acq: 19 Sep 2023 14:29

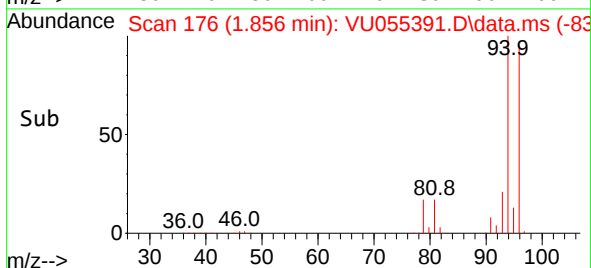
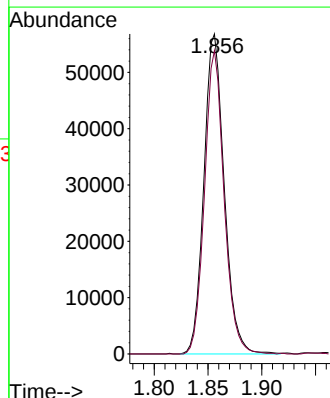
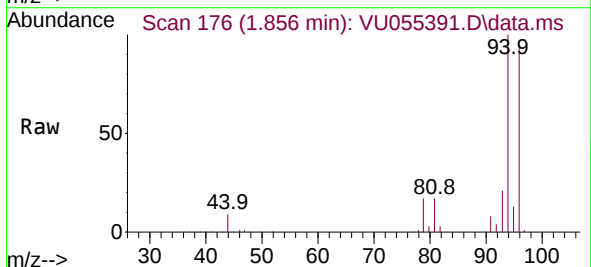
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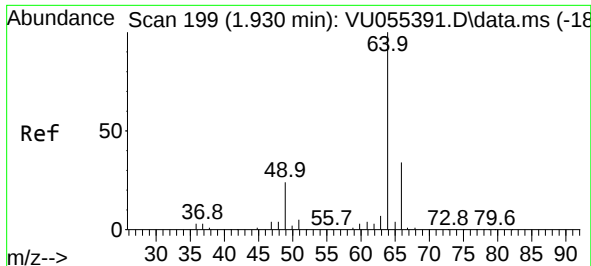
Tgt Ion: 62 Resp: 114958
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.3 41.5



#6
 Bromomethane
 Concen: 4.097 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU055391.D
 Acq: 19 Sep 2023 14:29

Tgt Ion: 94 Resp: 74886
 Ion Ratio Lower Upper
 94 100
 96 94.8 66.4 123.2

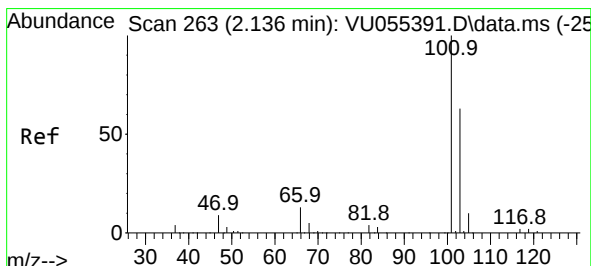
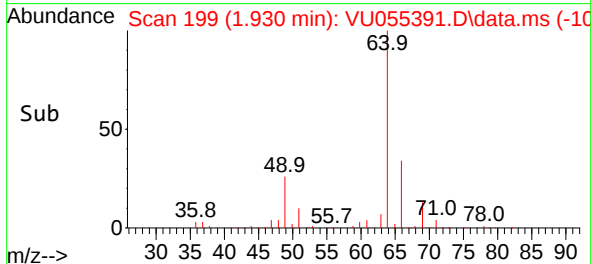
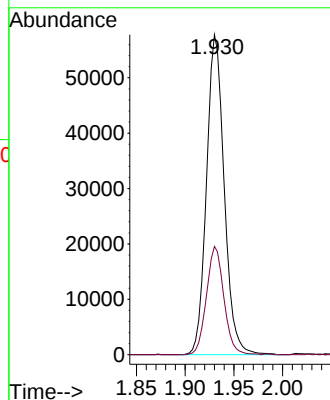
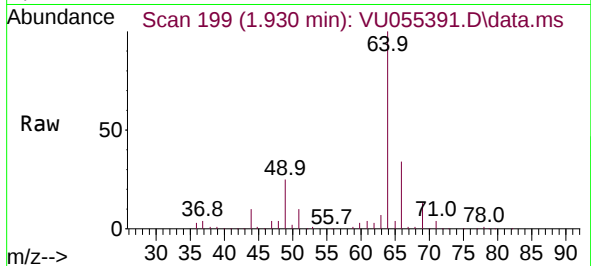




#8
Chloroethane
Concen: 3.831 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

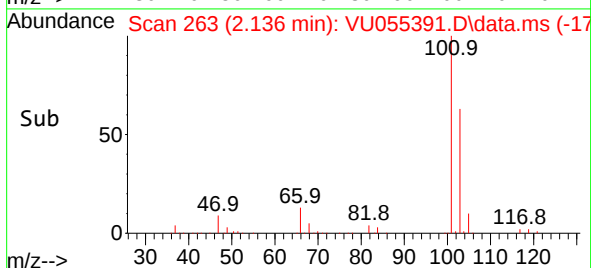
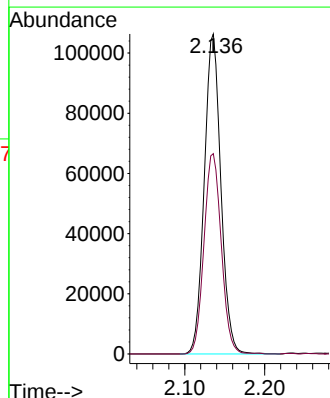
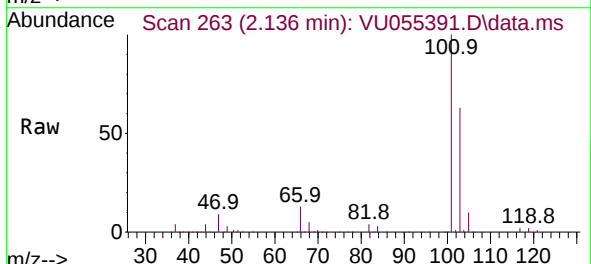
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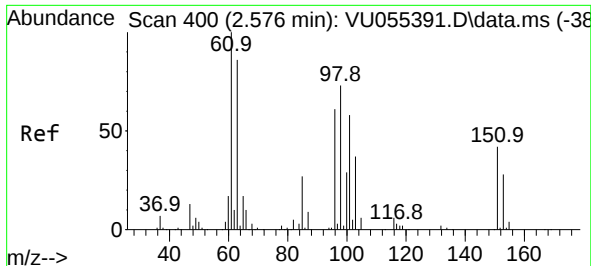
Tgt Ion: 64 Resp: 73159
Ion Ratio Lower Upper
64 100
66 33.9 23.7 44.1



#9
Trichlorofluoromethane
Concen: 4.039 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

Tgt Ion:101 Resp: 153767
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

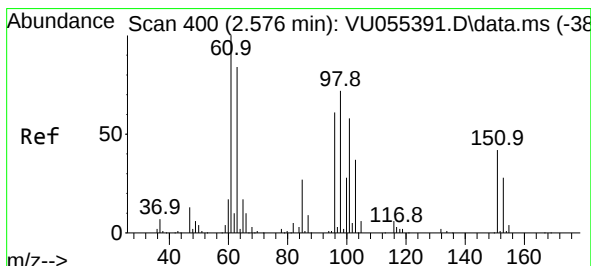
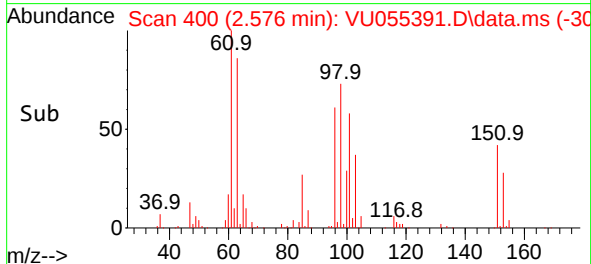
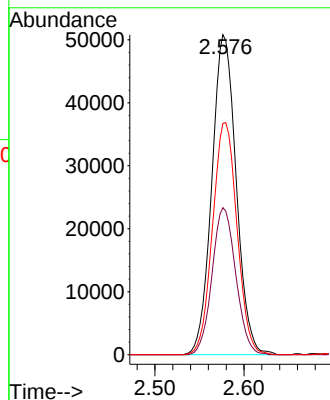
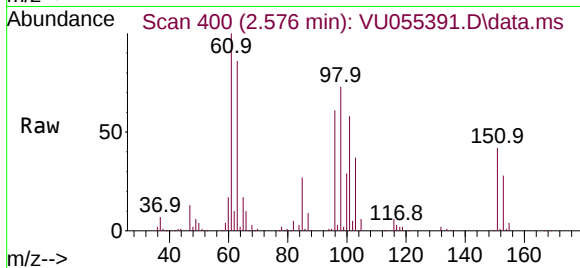




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.856 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055391.D
 Acq: 19 Sep 2023 14:29

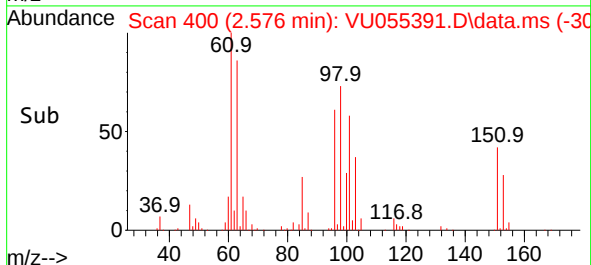
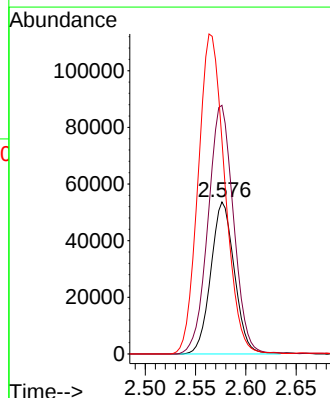
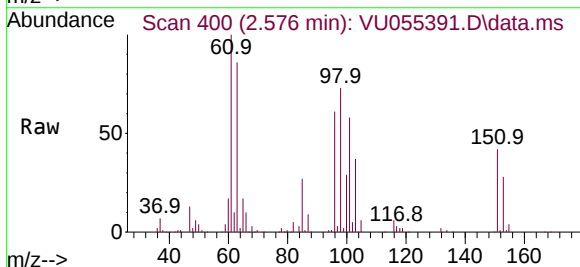
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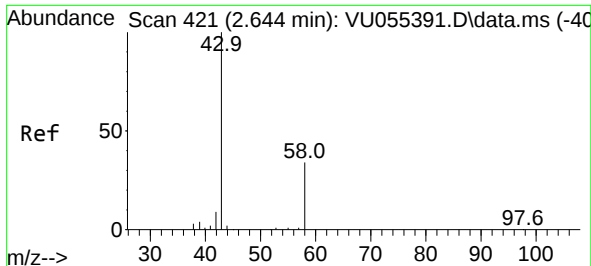
Tgt Ion:101 Resp: 96476
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.8 53.6
 151 72.8 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.925 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055391.D
 Acq: 19 Sep 2023 14:29

Tgt Ion: 96 Resp: 87474
 Ion Ratio Lower Upper
 96 100
 61 163.6 114.5 212.7
 63 140.4 98.3 182.5





#13

Acetone

Concen: 48.372 ug/L

RT: 2.644 min Scan# 421

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Instrument :

MSVOA_U

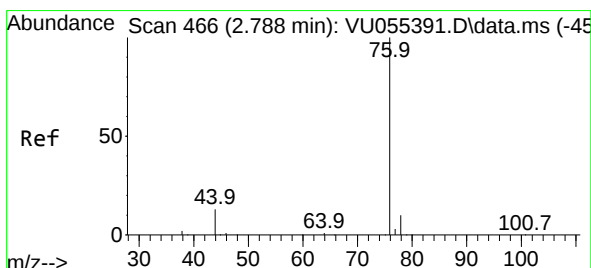
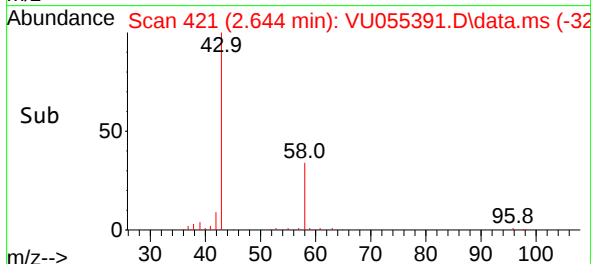
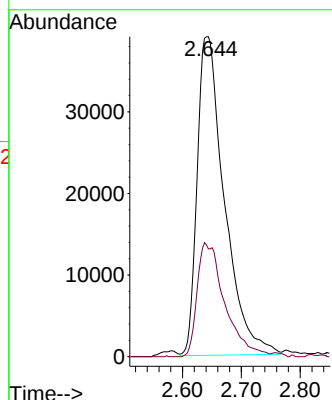
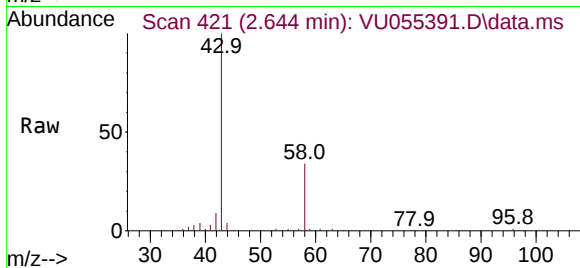
ClientSampleId :

Tgt Ion: 43 Resp: 125530

Ion Ratio Lower Upper

43 100

58 36.1 0.0 72.2



#14

Carbon disulfide

Concen: 4.711 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU055391.D

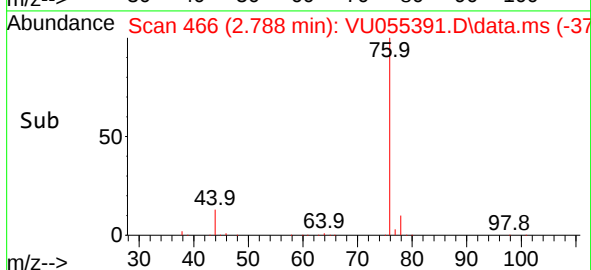
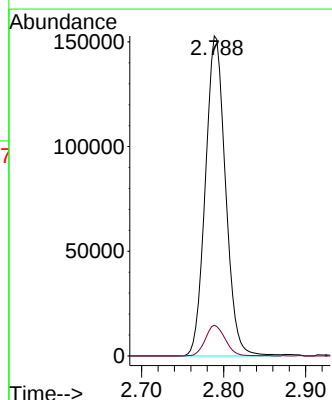
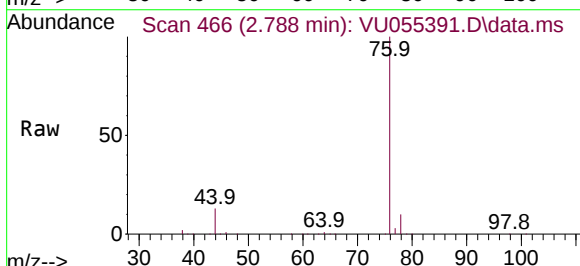
Acq: 19 Sep 2023 14:29

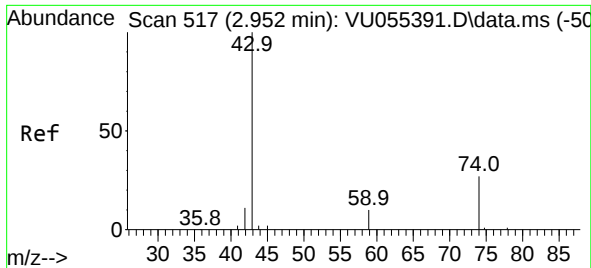
Tgt Ion: 76 Resp: 260927

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

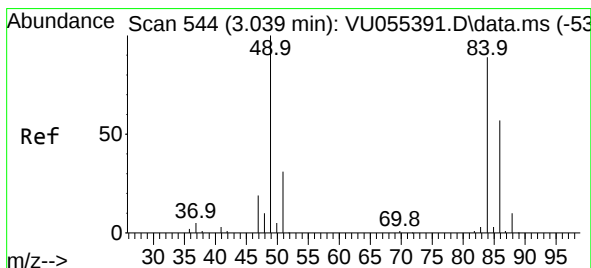
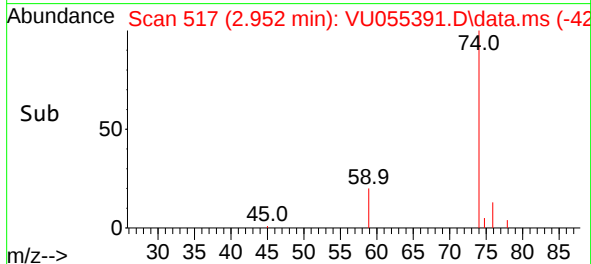
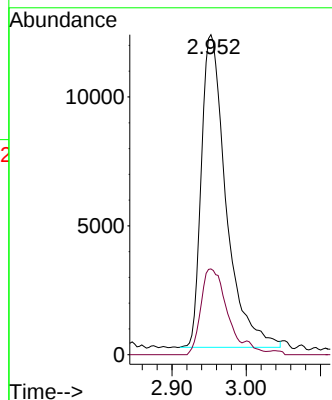
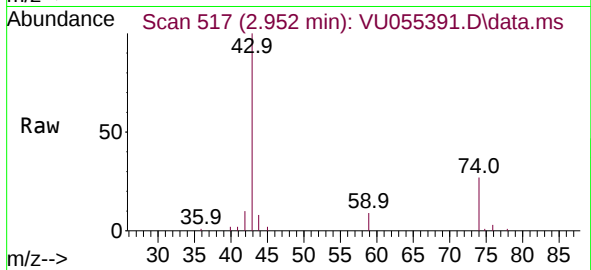




#15
Methyl Acetate
Concen: 4.595 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

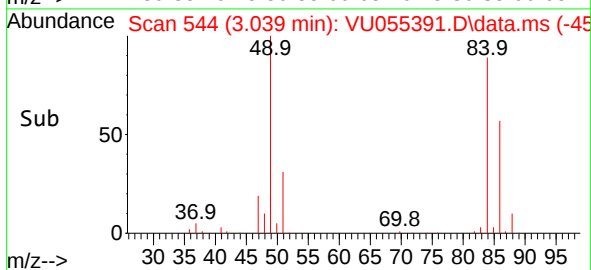
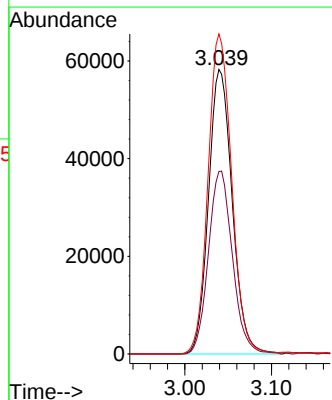
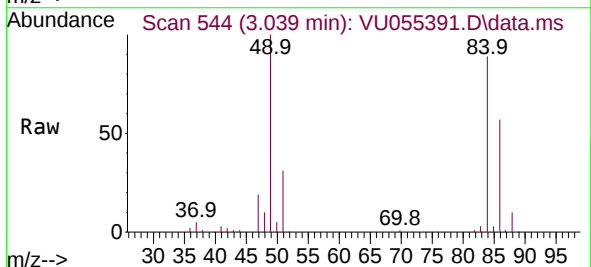
Instrument :
MSVOA_U
ClientSampleId :

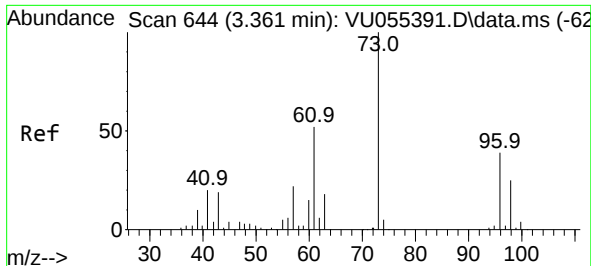
Tgt Ion: 43 Resp: 28092
Ion Ratio Lower Upper
43 100
74 27.9 22.3 33.5



#16
Methylene chloride
Concen: 4.235 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

Tgt Ion: 84 Resp: 110995
Ion Ratio Lower Upper
84 100
86 64.1 44.9 83.3
49 112.5 78.8 146.3

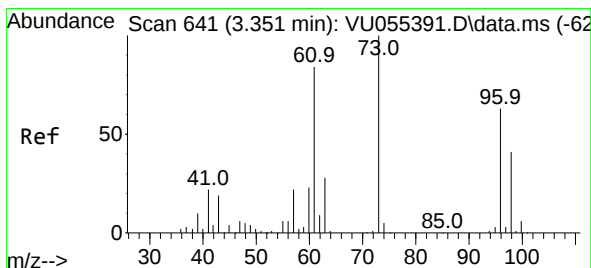
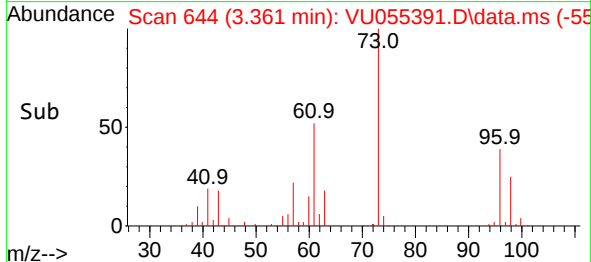
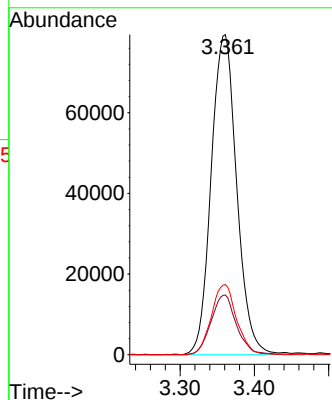
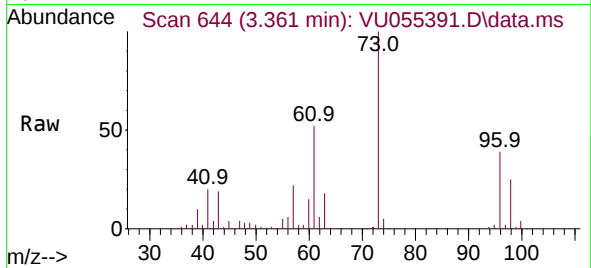




#17
Methyl tert-butyl Ether
Concen: 4.541 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

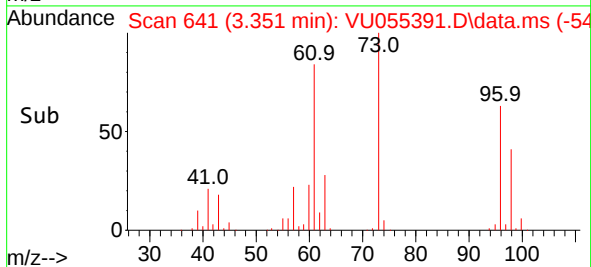
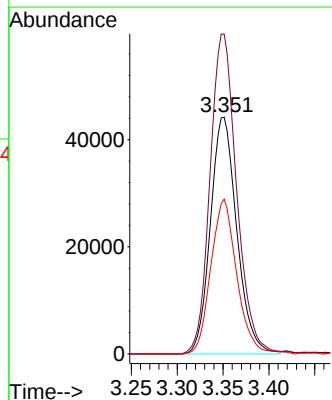
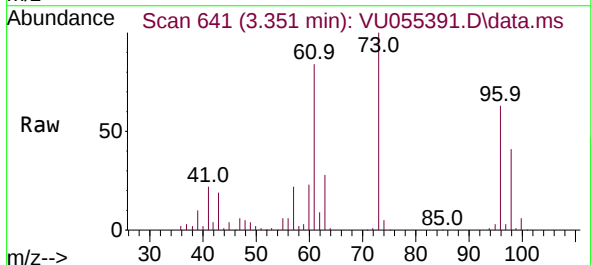
Instrument :
MSVOA_U
ClientSampleId :

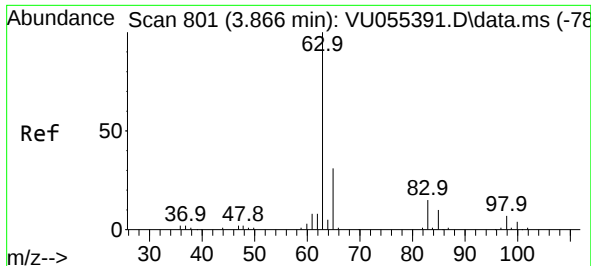
Tgt Ion: 73 Resp: 189355
Ion Ratio Lower Upper
73 100
43 18.6 14.9 22.3
57 21.6 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 4.618 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

Tgt Ion: 96 Resp: 88599
Ion Ratio Lower Upper
96 100
61 135.1 94.6 175.6
98 65.3 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.445 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

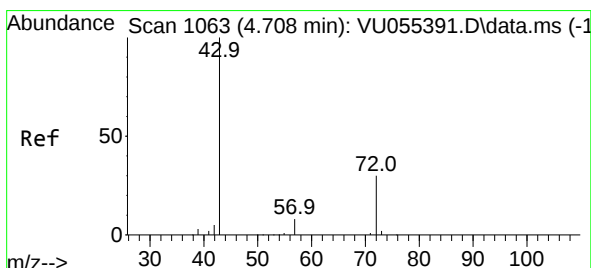
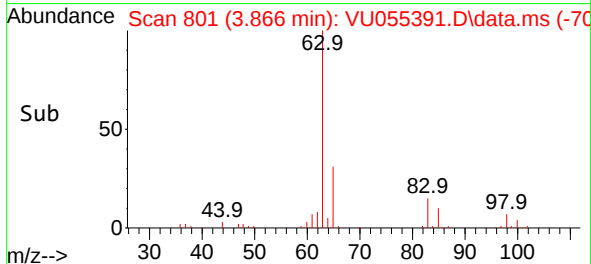
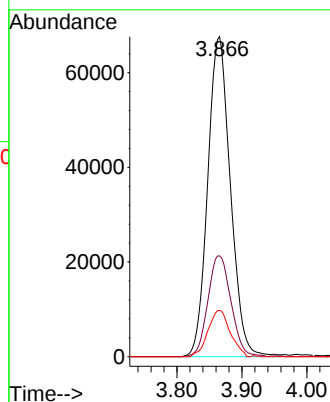
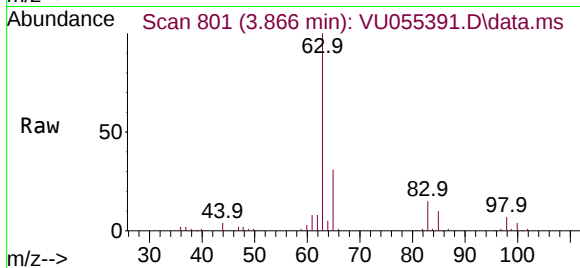
Tgt Ion: 63 Resp: 164076

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 14.5 10.1 18.9



#21

2-Butanone

Concen: 45.555 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VU055391.D

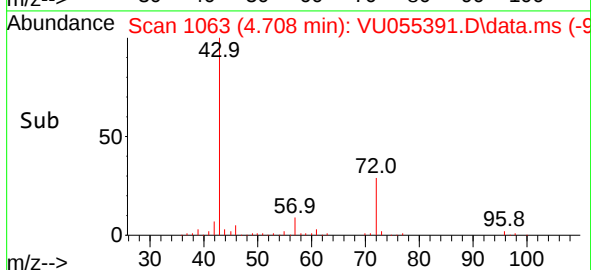
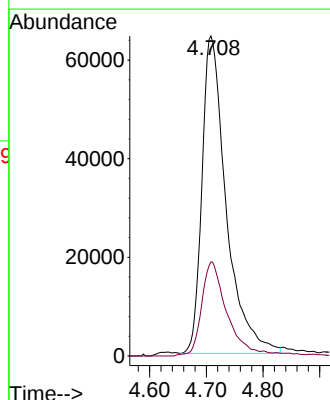
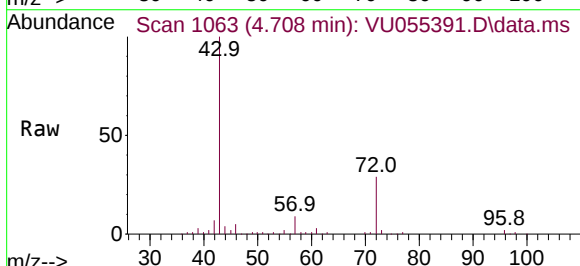
Acq: 19 Sep 2023 14:29

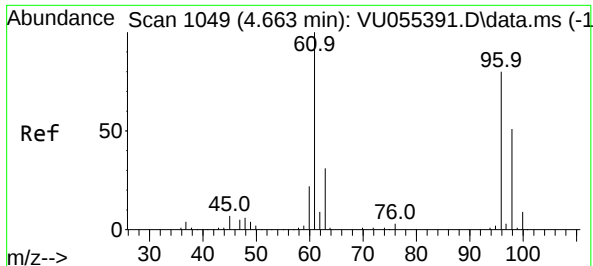
Tgt Ion: 43 Resp: 191411

Ion Ratio Lower Upper

43 100

72 30.2 15.1 45.3





#22

cis-1,2-Dichloroethene

Concen: 4.421 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

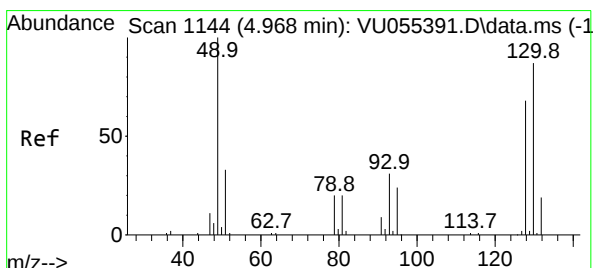
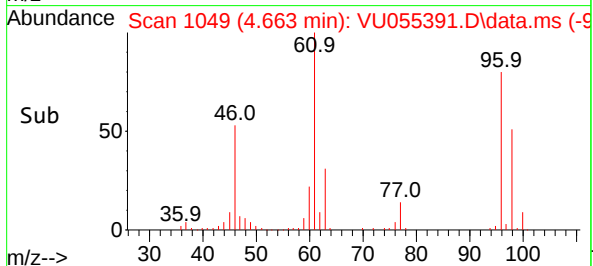
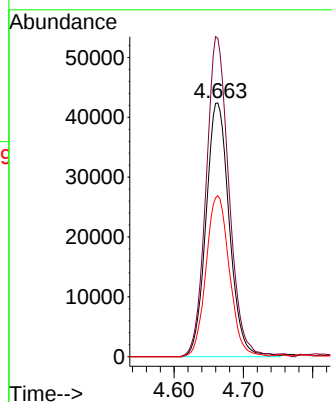
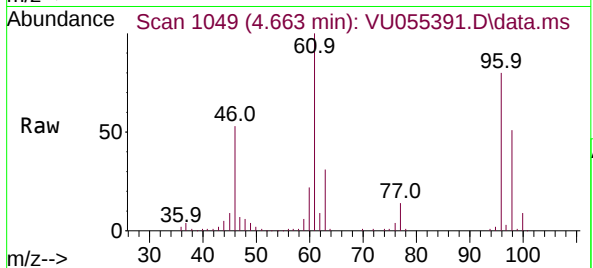
Tgt Ion: 96 Resp: 98971

Ion Ratio Lower Upper

96 100

61 125.5 87.8 163.2

98 63.4 44.4 82.4



#23

Bromochloromethane

Concen: 4.689 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Tgt Ion:128 Resp: 42918

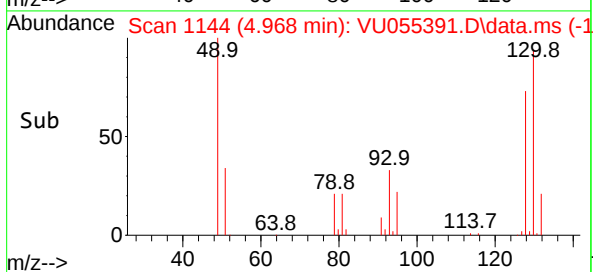
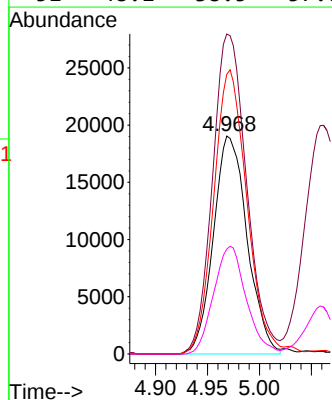
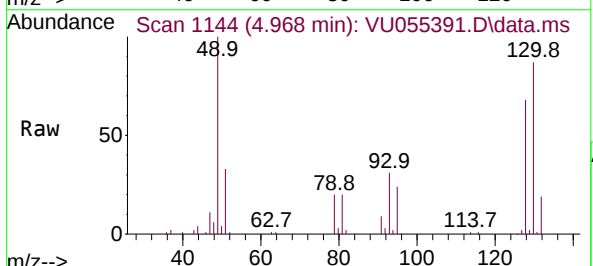
Ion Ratio Lower Upper

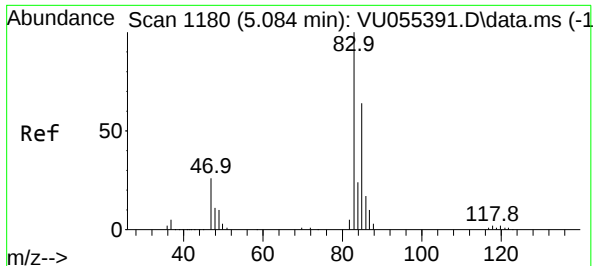
128 100

49 146.9 102.8 191.0

130 128.4 89.9 166.9

51 48.1 38.5 57.7





#25

Chloroform

Concen: 4.375 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Instrument :

MSVOA_U

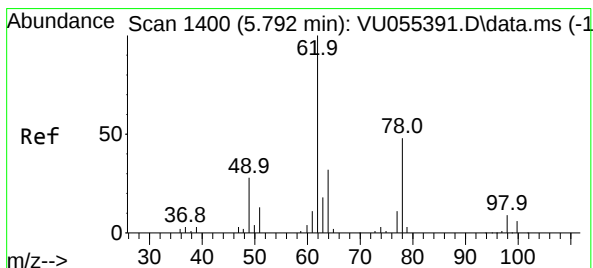
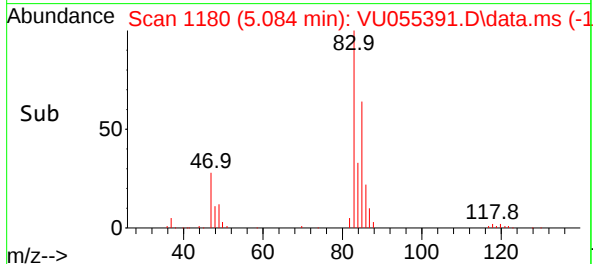
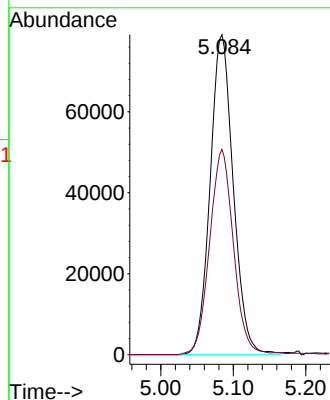
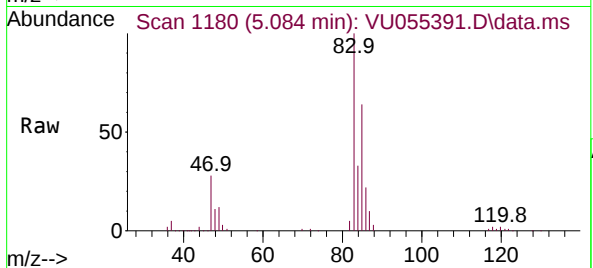
ClientSampleId :

Tgt Ion: 83 Resp: 175126

Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5



#27

1,2-Dichloroethane

Concen: 4.226 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU055391.D

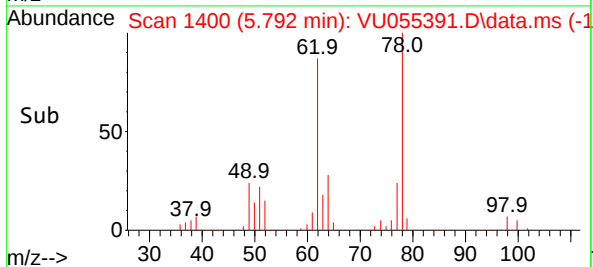
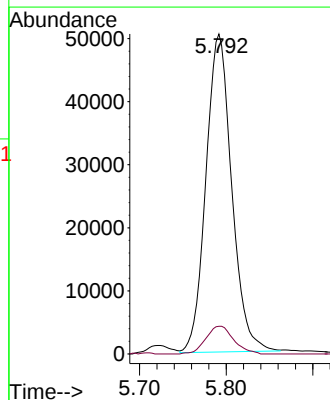
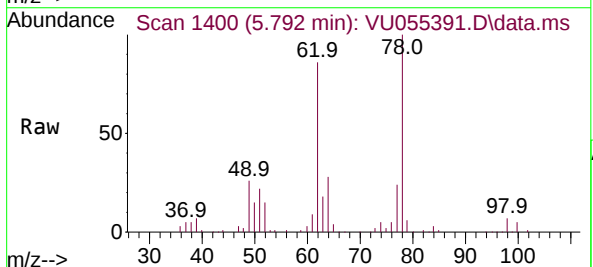
Acq: 19 Sep 2023 14:29

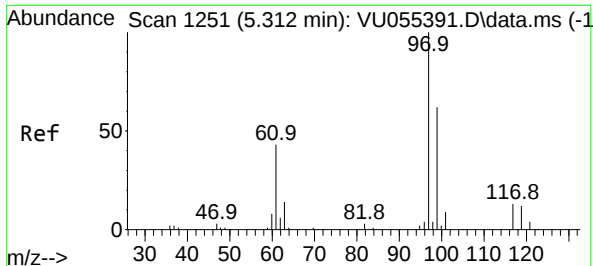
Tgt Ion: 62 Resp: 104374

Ion Ratio Lower Upper

62 100

98 8.7 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 4.644 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

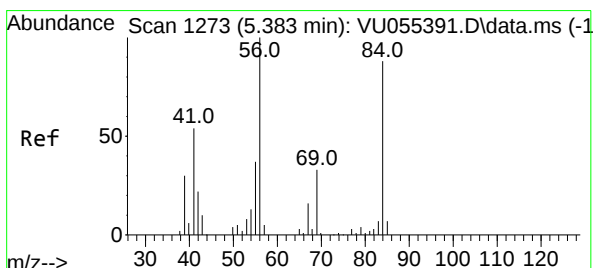
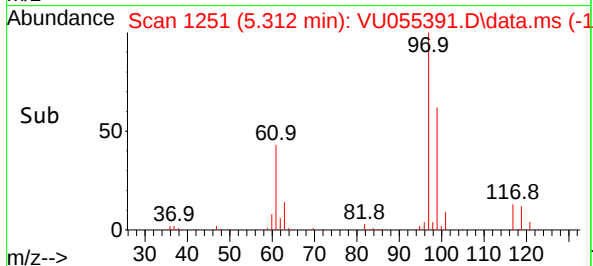
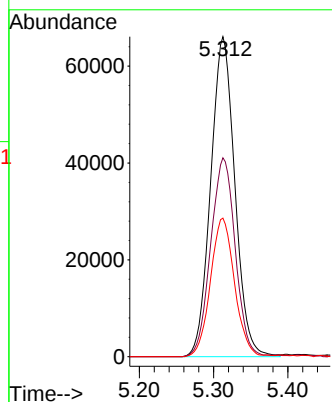
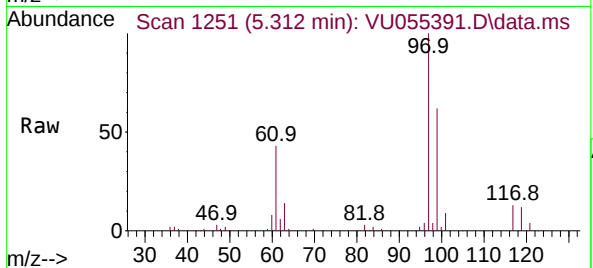
Tgt Ion: 97 Resp: 149633

Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 43.2 34.6 51.8



#30

Cyclohexane

Concen: 4.441 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

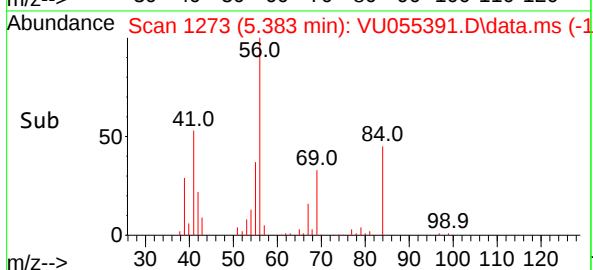
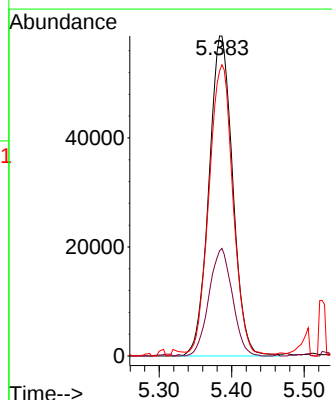
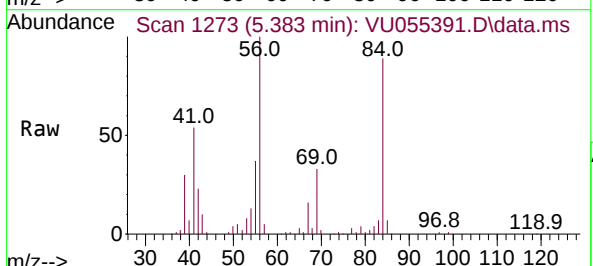
Tgt Ion: 56 Resp: 133654

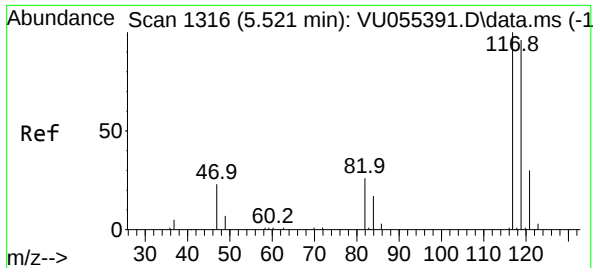
Ion Ratio Lower Upper

56 100

69 33.1 26.5 39.7

84 90.7 72.6 108.8

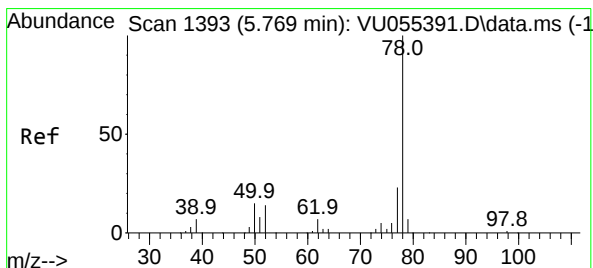
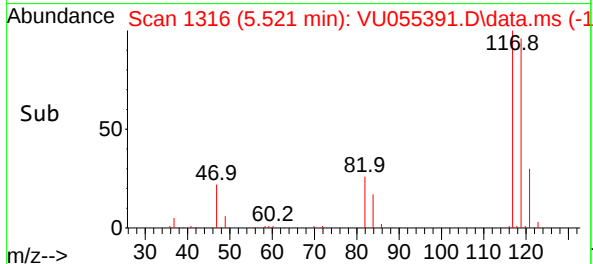
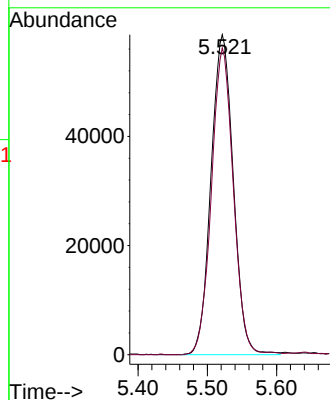
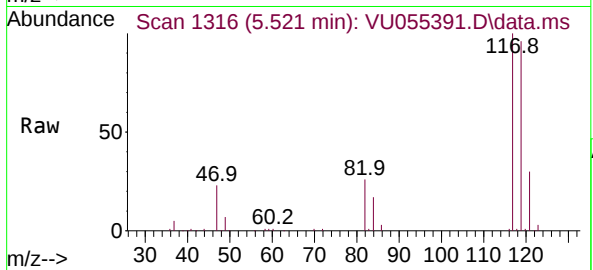




#31
Carbon tetrachloride
Concen: 4.726 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

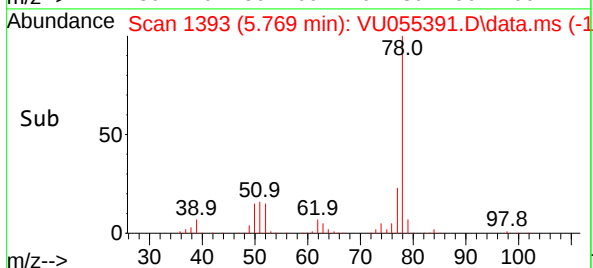
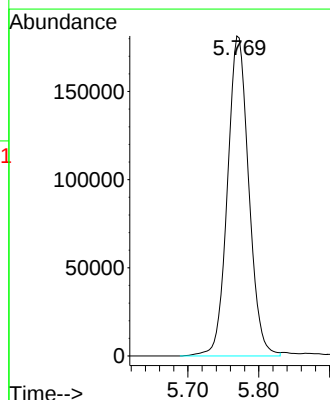
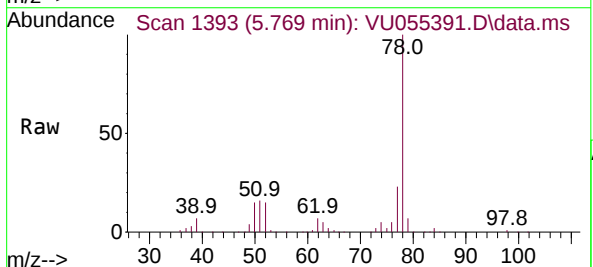
Instrument :
MSVOA_U
ClientSampleId :

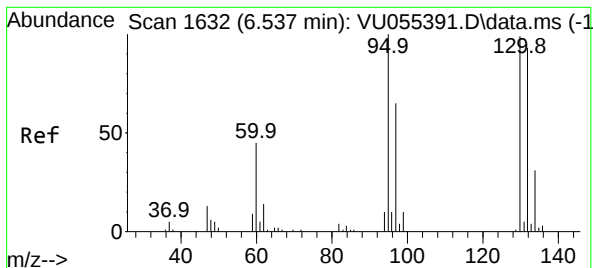
Tgt Ion:117 Resp: 130727
Ion Ratio Lower Upper
117 100
119 94.0 75.2 112.8



#33
Benzene
Concen: 4.542 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

Tgt Ion: 78 Resp: 379126





#34

Trichloroethene

Concen: 4.343 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 103107

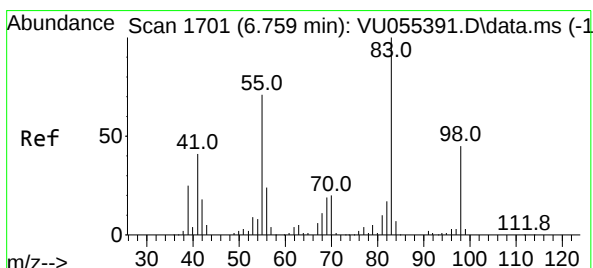
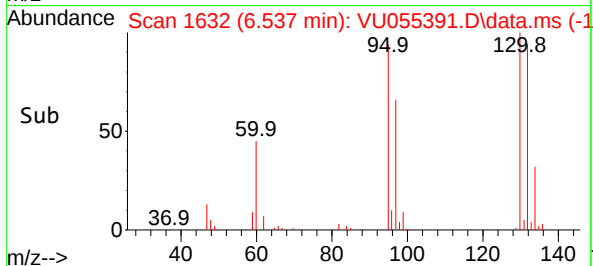
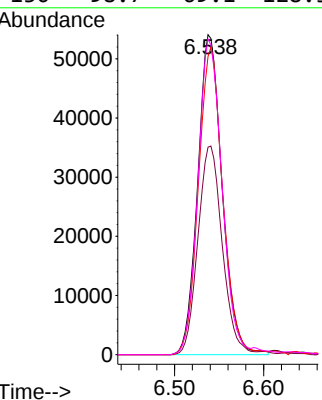
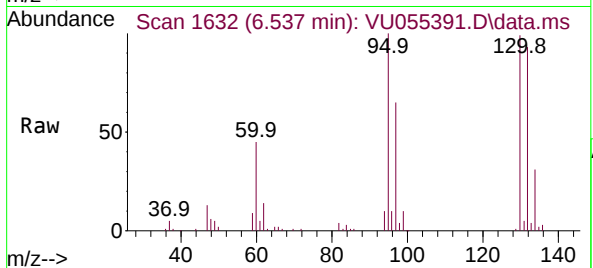
Ion Ratio Lower Upper

95 100

97 64.8 45.4 84.2

132 93.2 65.2 121.2

130 98.7 69.1 128.3



#35

Methylcyclohexane

Concen: 4.430 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

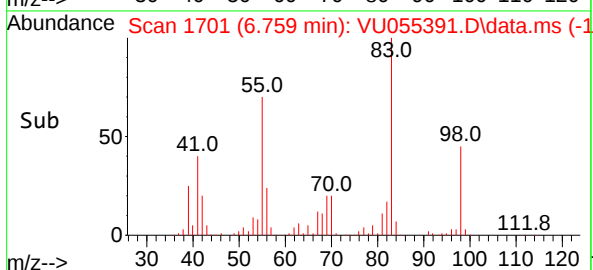
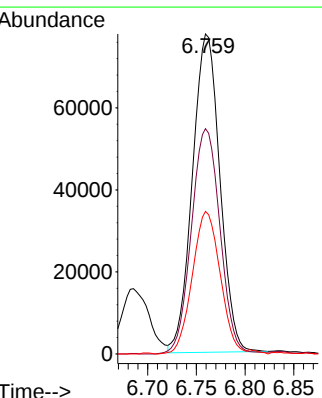
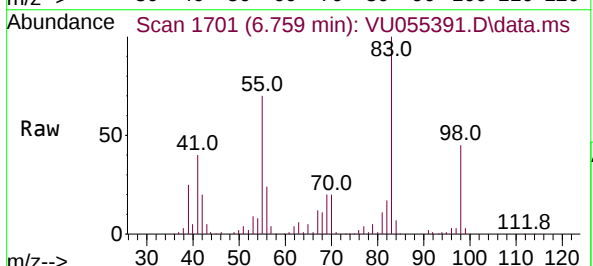
Tgt Ion: 83 Resp: 152134

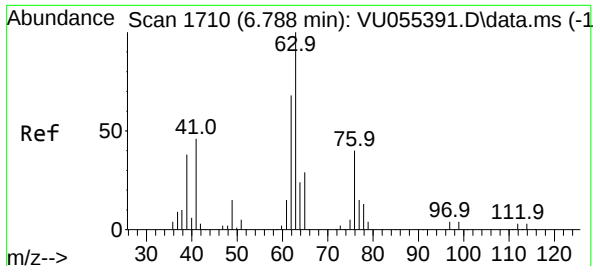
Ion Ratio Lower Upper

83 100

55 73.9 59.1 88.7

98 45.4 36.3 54.5

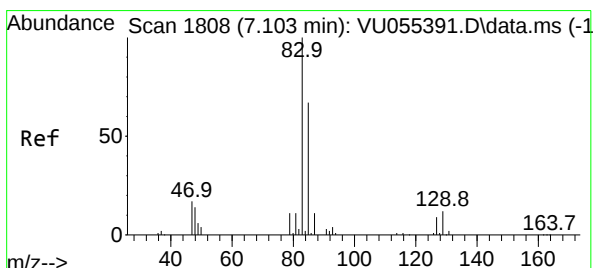
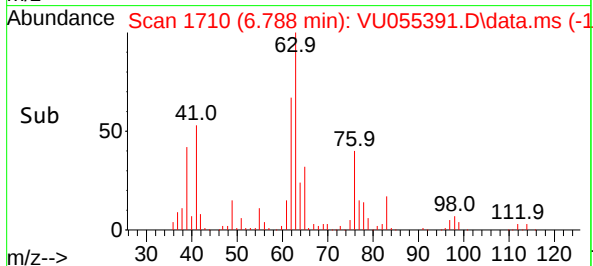
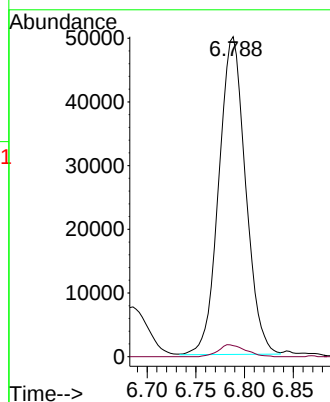
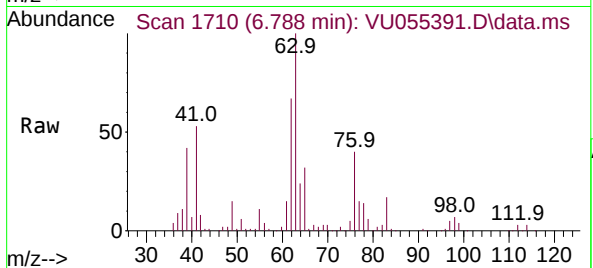




#37
1,2-Dichloropropane
Concen: 4.389 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

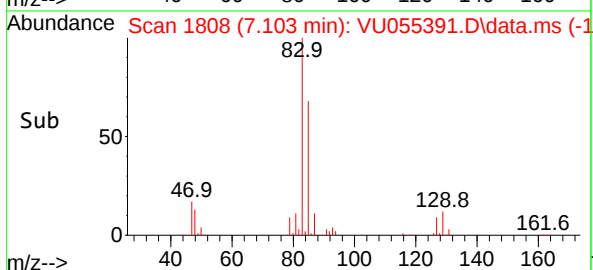
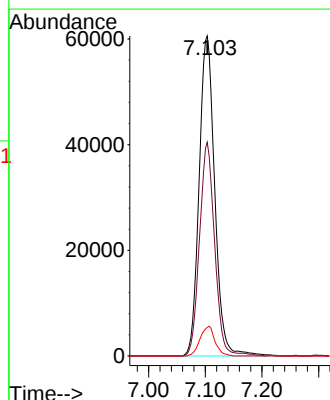
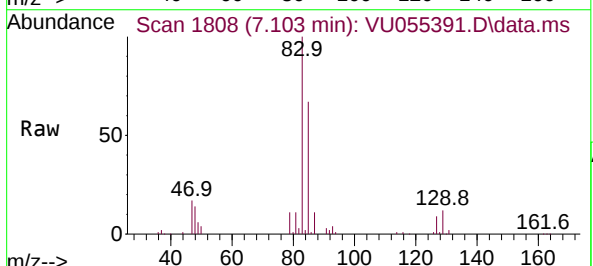
Instrument :
MSVOA_U
ClientSampleId :

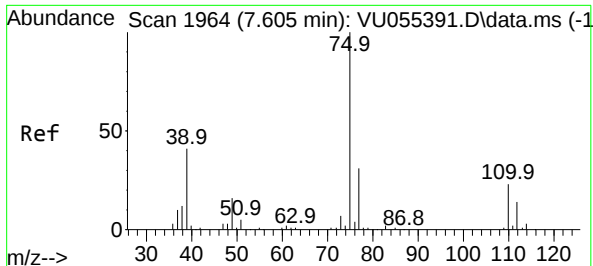
Tgt Ion: 63 Resp: 95377
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.6



#38
Bromodichloromethane
Concen: 4.439 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

Tgt Ion: 83 Resp: 115954
Ion Ratio Lower Upper
83 100
85 66.8 46.8 86.8
127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.575 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Instrument :

MSVOA_U

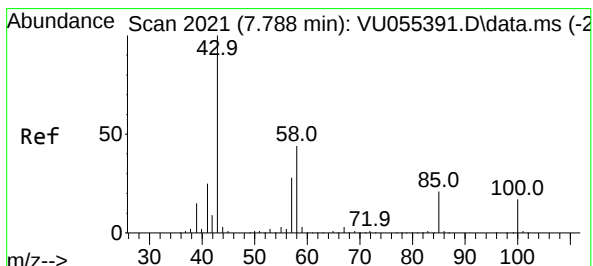
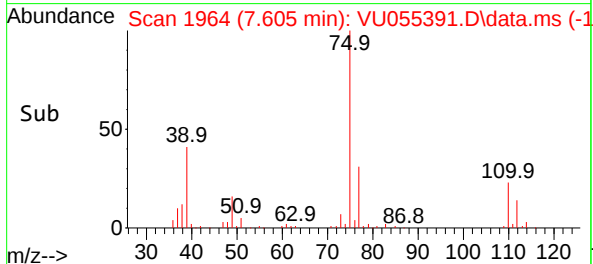
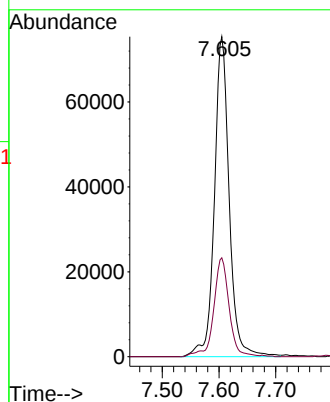
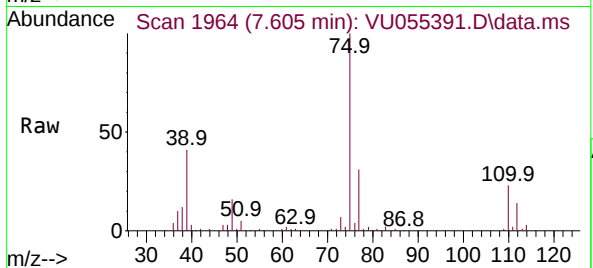
ClientSampleId :

Tgt Ion: 75 Resp: 136889

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 43.200 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

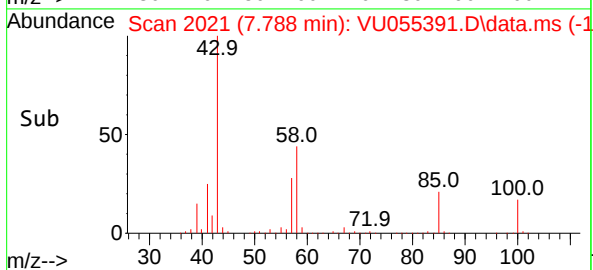
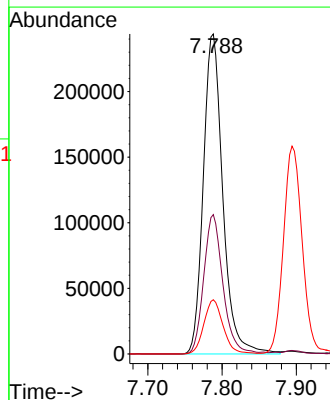
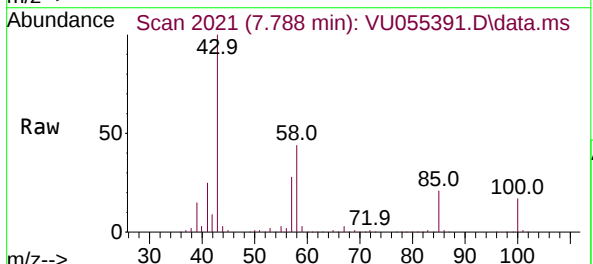
Tgt Ion: 43 Resp: 444831

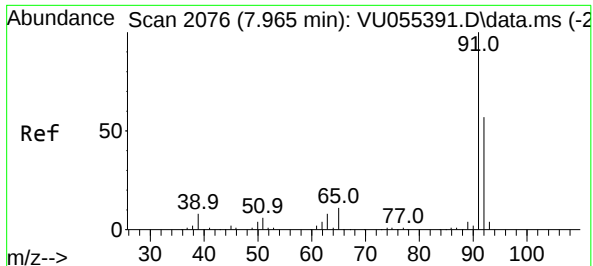
Ion Ratio Lower Upper

43 100

58 42.8 34.2 51.4

100 16.7 13.4 20.0





#42

Toluene

Concen: 4.541 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Instrument :

MSVOA_U

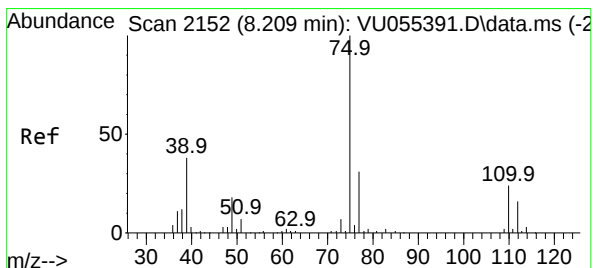
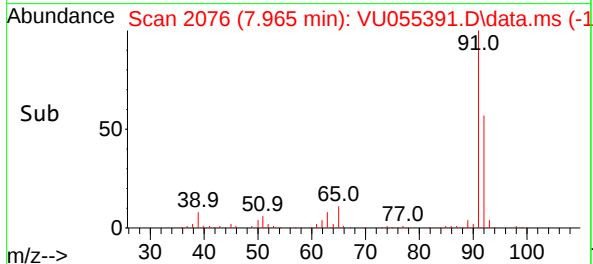
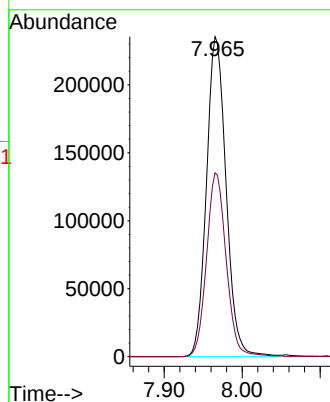
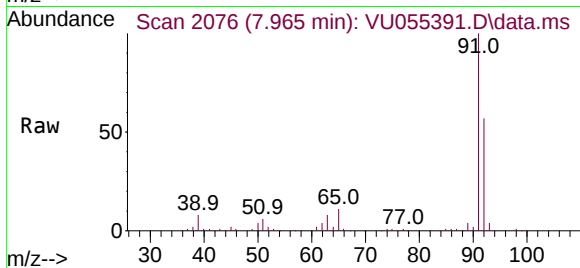
ClientSampleId :

Tgt Ion: 91 Resp: 412193

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.539 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055391.D

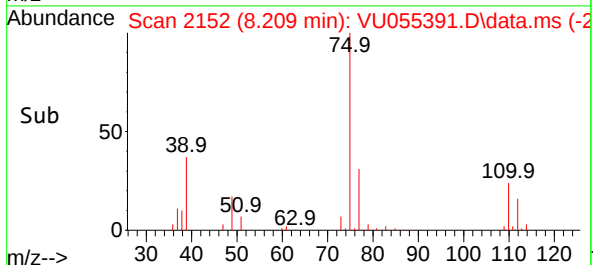
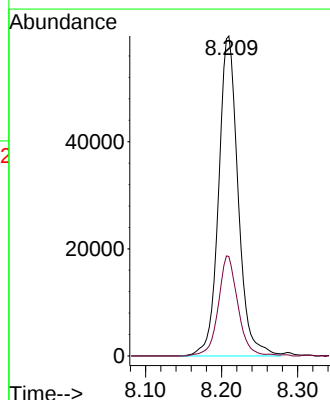
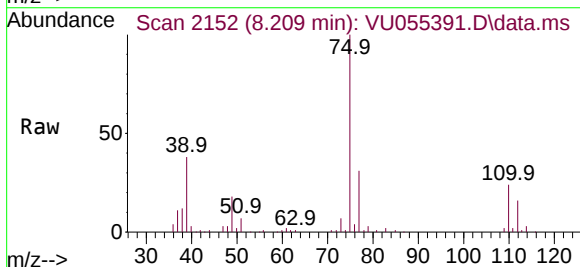
Acq: 19 Sep 2023 14:29

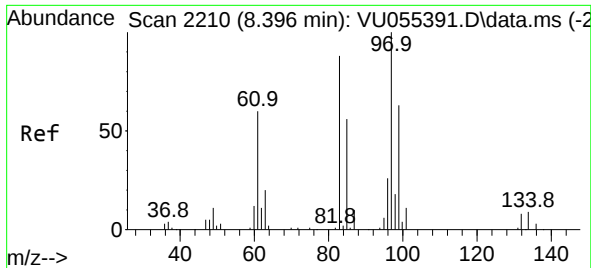
Tgt Ion: 75 Resp: 106459

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4

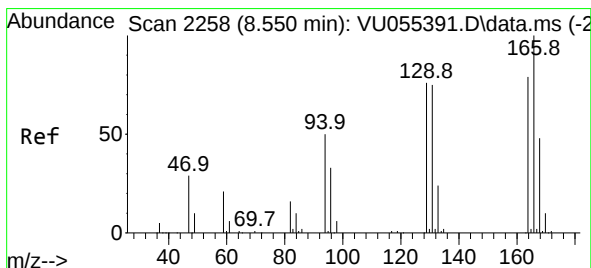
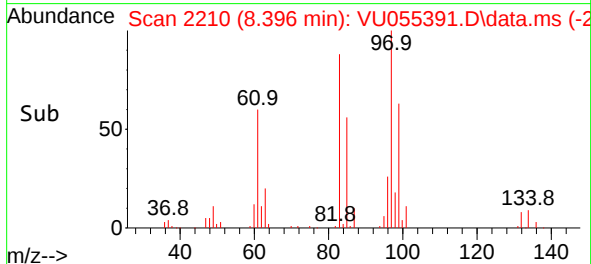
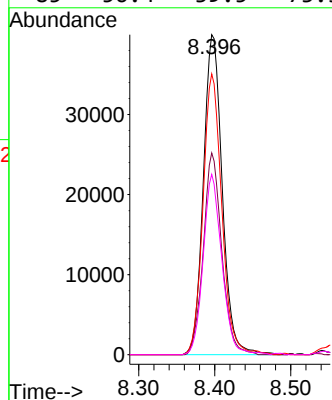
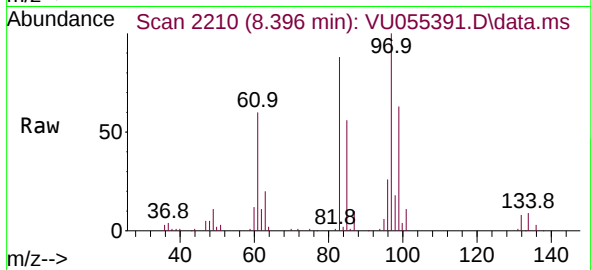




#45
1,1,2-Trichloroethane
Concen: 4.517 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

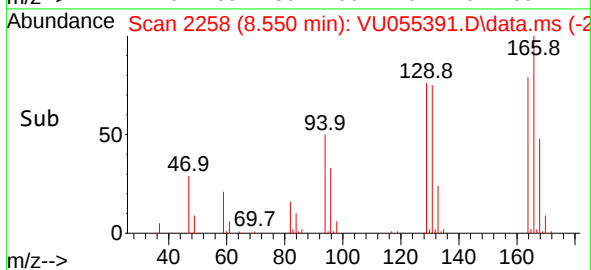
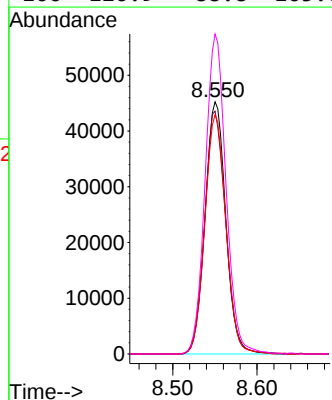
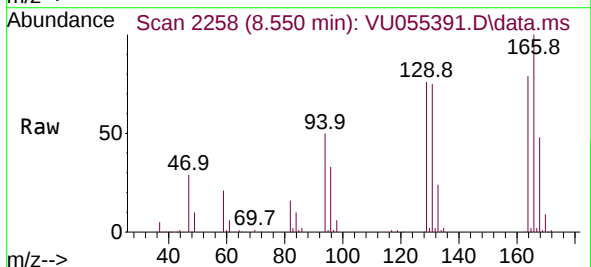
Instrument :
MSVOA_U
ClientSampleId :

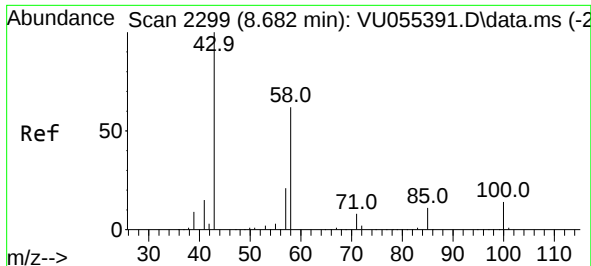
Tgt Ion:	97	Resp:	69118
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.1	81.9
83	87.8	61.5	114.1
85	56.4	39.5	73.3



#47
Tetrachloroethene
Concen: 4.685 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

Tgt Ion:	164	Resp:	77610
Ion	Ratio	Lower	Upper
164	100		
129	96.3	67.4	125.2
131	94.8	66.4	123.2
166	126.9	88.8	165.0



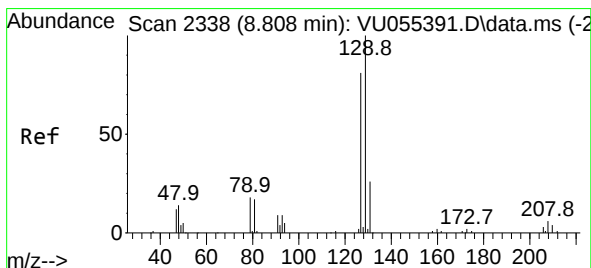
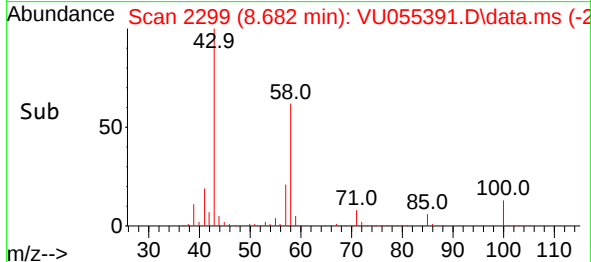
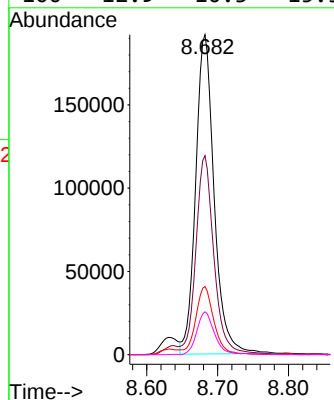
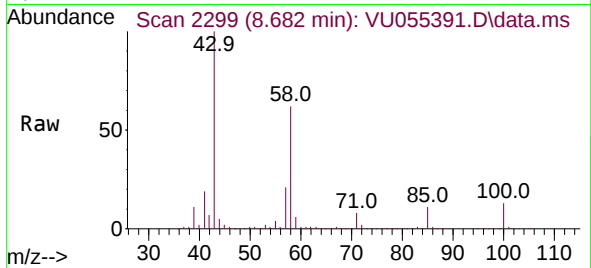


#48
2-Hexanone
Concen: 44.800 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 347457

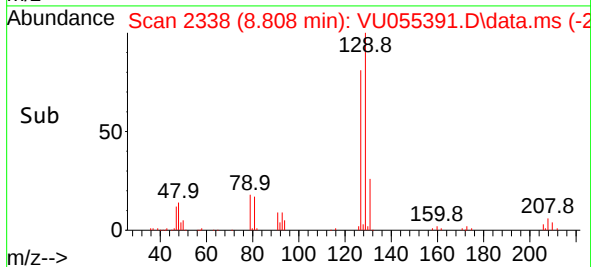
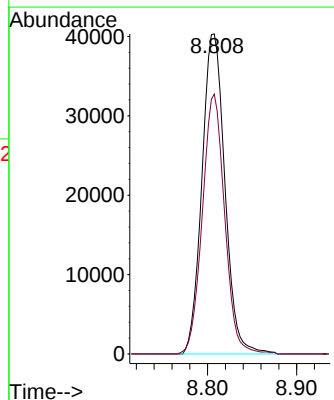
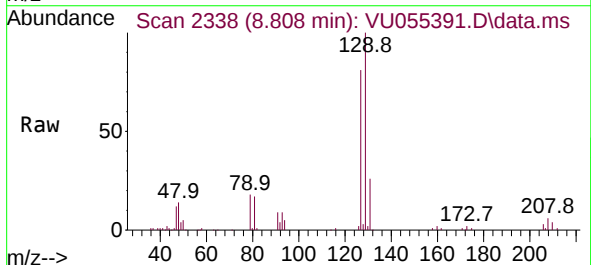
Ion	Ratio	Lower	Upper
43	100		
58	60.6	48.5	72.7
57	21.2	17.0	25.4
100	12.9	10.3	15.5

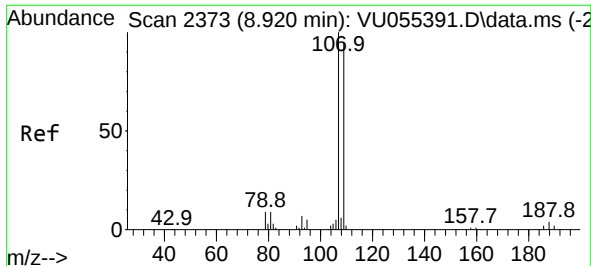


#49
Dibromochloromethane
Concen: 4.613 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

Tgt Ion: 129 Resp: 72160

Ion	Ratio	Lower	Upper
129	100		
127	81.2	56.8	105.6





#50

1,2-Dibromoethane

Concen: 4.528 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055391.D

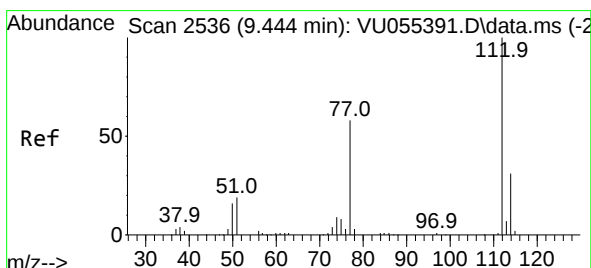
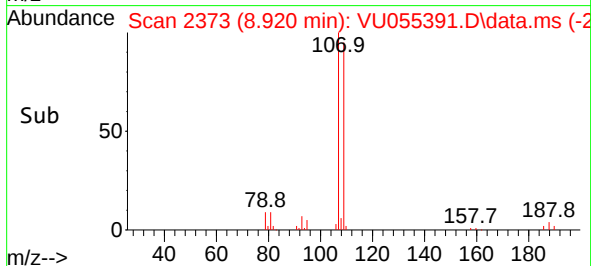
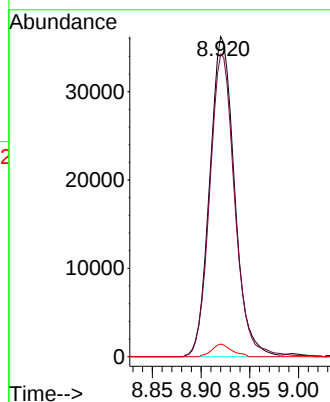
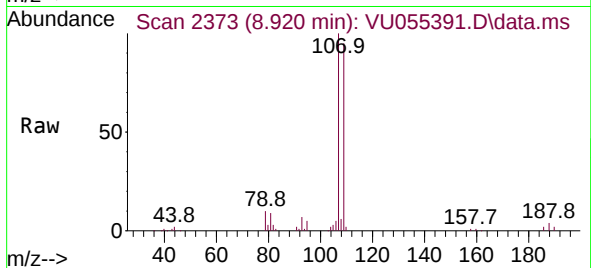
Acq: 19 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	63994
Ion	Ratio	Lower	Upper
107	100		
109	94.5	66.1	122.8
188	4.0	3.2	4.8



#51

Chlorobenzene

Concen: 4.356 ug/L

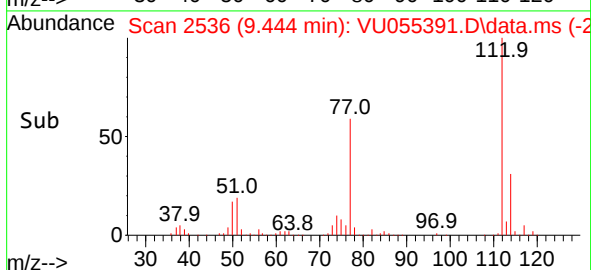
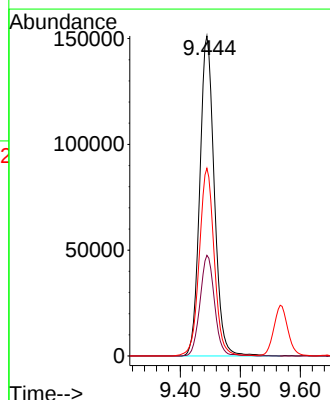
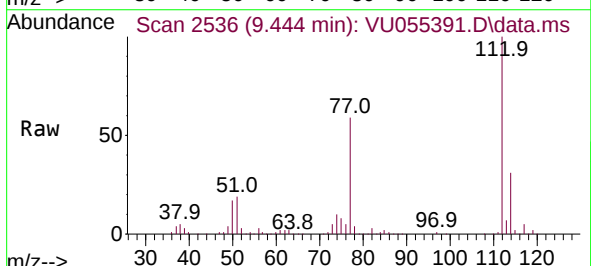
RT: 9.444 min Scan# 2536

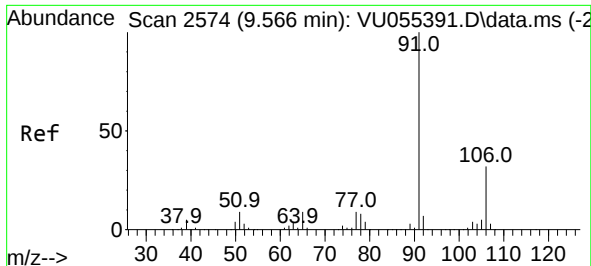
Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Tgt Ion:	112	Resp:	255086
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.0	40.8
77	58.6	46.9	70.3

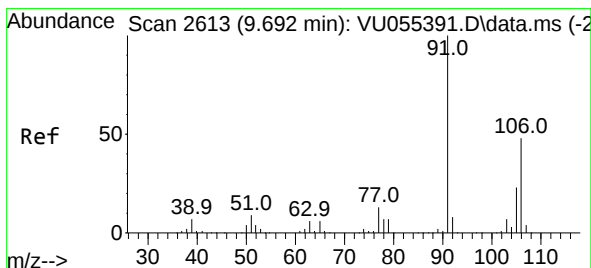
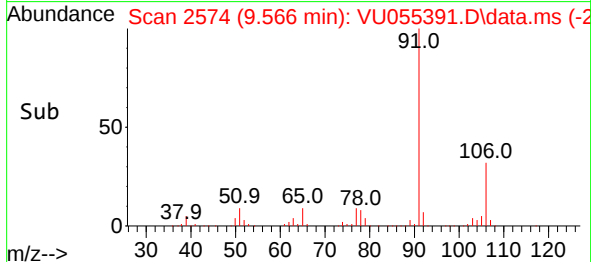
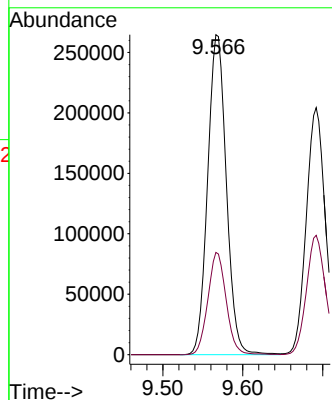
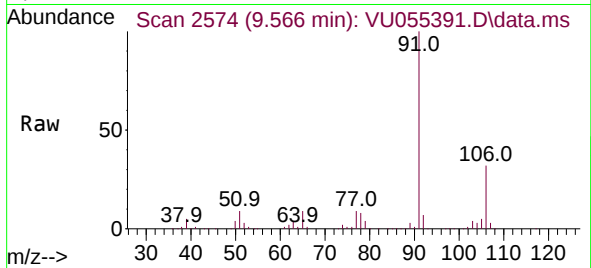




#52
Ethylbenzene
Concen: 4.351 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

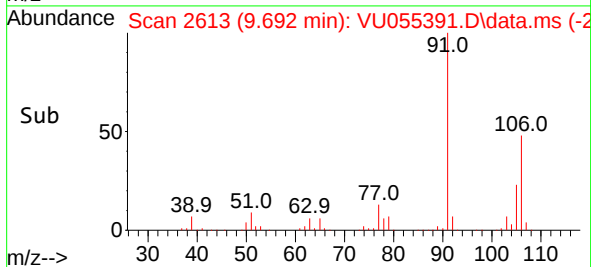
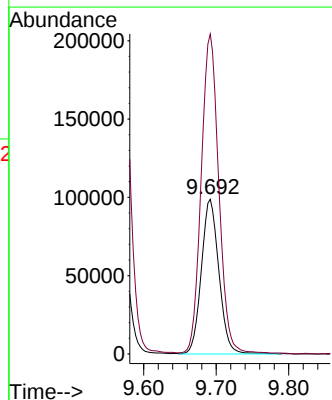
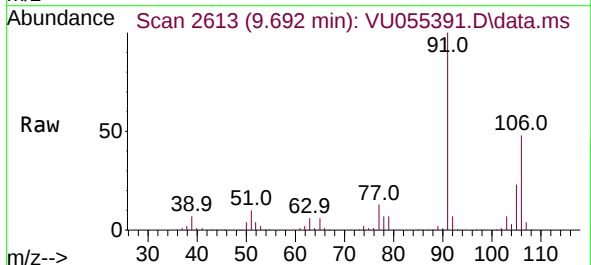
Instrument :
MSVOA_U
ClientSampleId :

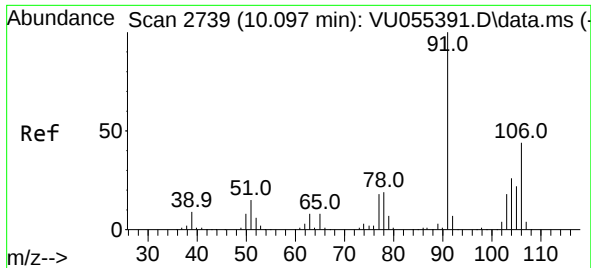
Tgt Ion: 91 Resp: 430592
Ion Ratio Lower Upper
91 100
106 32.0 22.4 41.6



#53
m,p-Xylene
Concen: 4.441 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

Tgt Ion:106 Resp: 165990
Ion Ratio Lower Upper
106 100
91 206.9 144.8 269.0

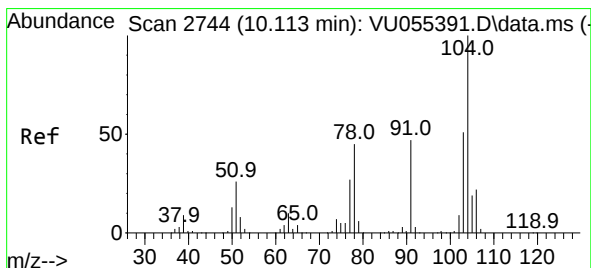
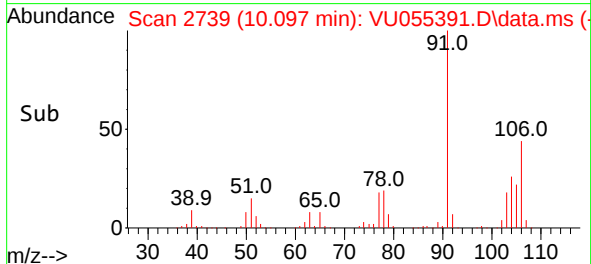
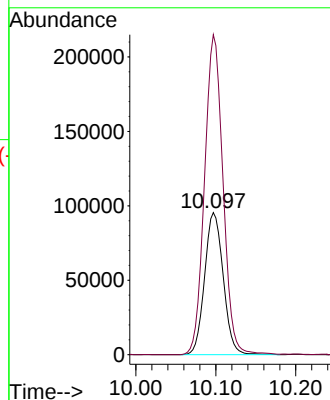
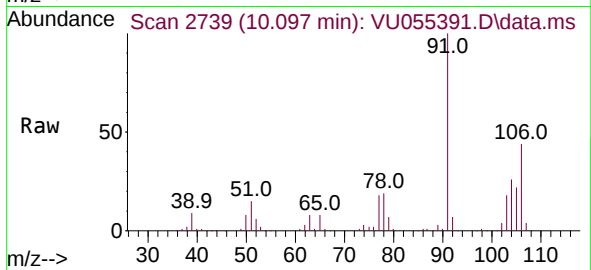




#54
o-Xylene
Concen: 4.380 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

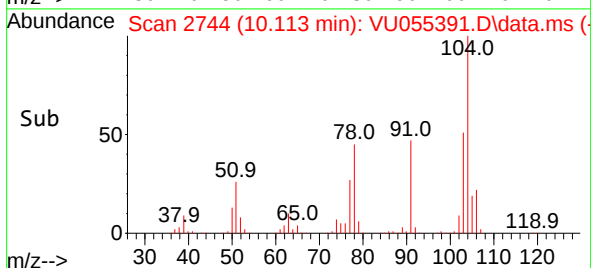
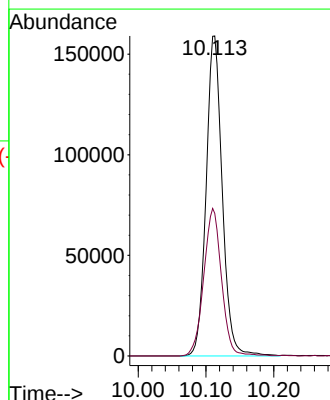
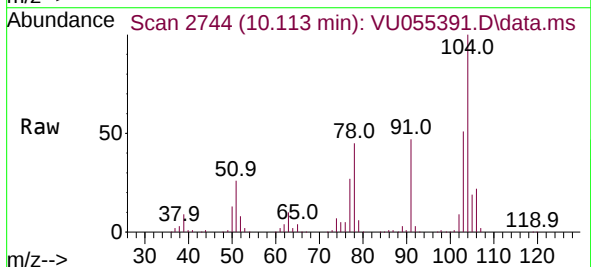
Instrument :
MSVOA_U
ClientSampleId :

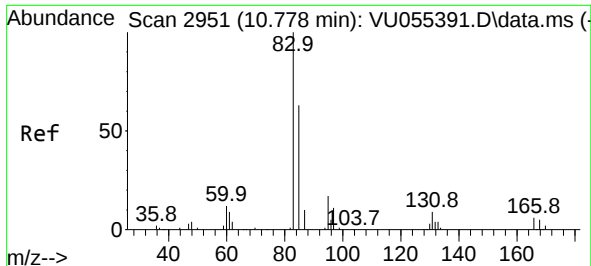
Tgt Ion:106 Resp: 154969
Ion Ratio Lower Upper
106 100
91 225.2 157.6 292.8



#55
Styrene
Concen: 4.439 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

Tgt Ion:104 Resp: 263437
Ion Ratio Lower Upper
104 100
78 44.6 31.2 58.0

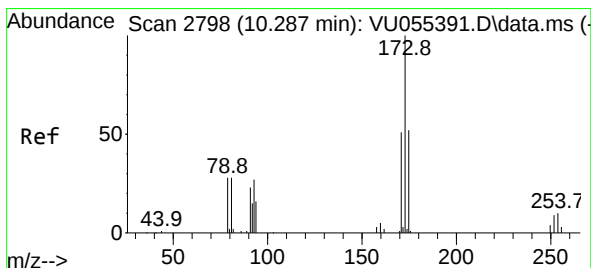
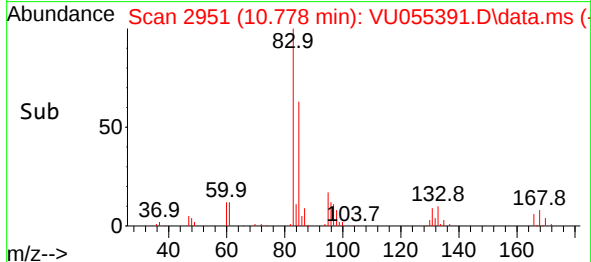
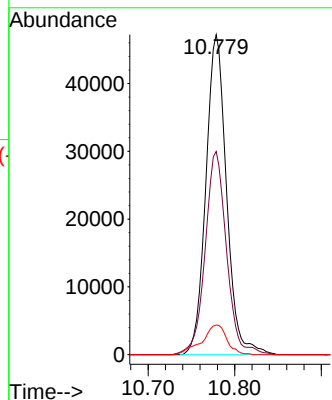
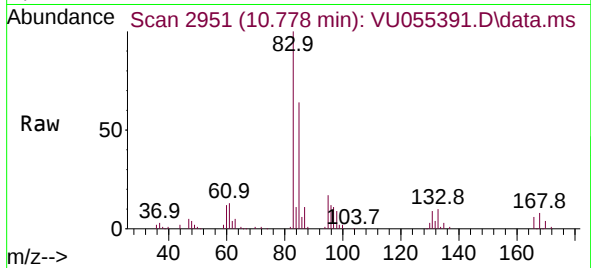




#57
1,1,2,2-Tetrachloroethane
Concen: 4.656 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

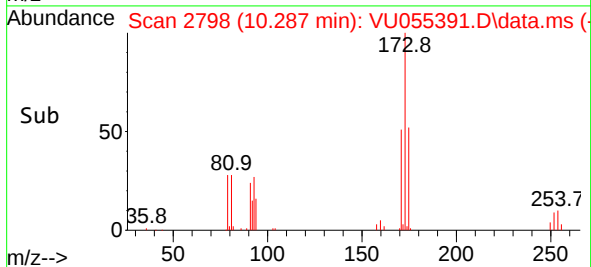
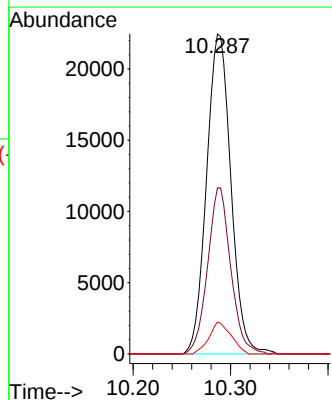
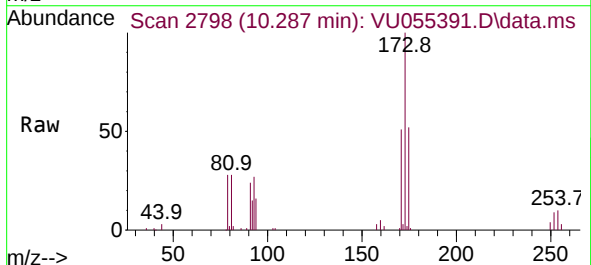
Instrument :
MSVOA_U
ClientSampleId :

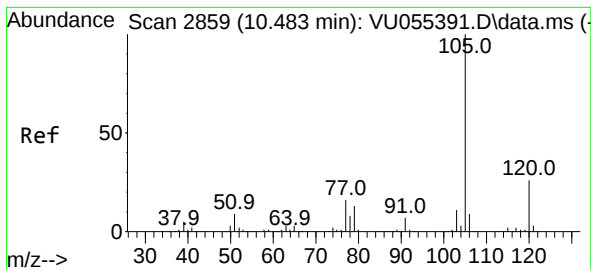
Tgt Ion: 83 Resp: 78222
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.5
131 9.3 7.4 11.2



#59
Bromoform
Concen: 4.641 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

Tgt Ion:173 Resp: 38960
Ion Ratio Lower Upper
173 100
175 49.3 39.4 59.2
254 9.1 7.3 10.9





#60

Isopropylbenzene

Concen: 4.154 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

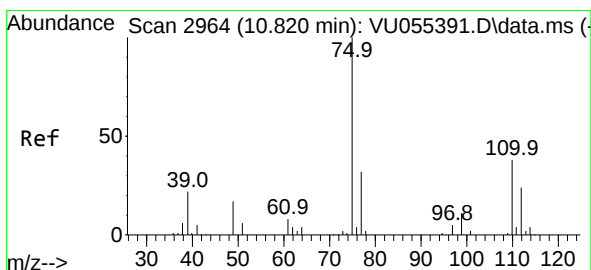
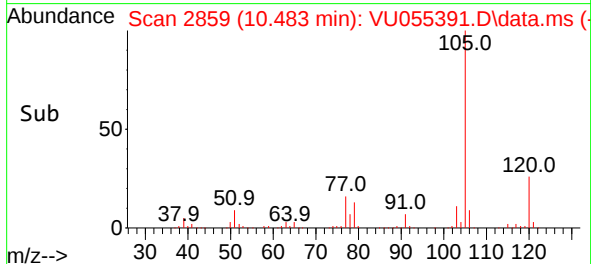
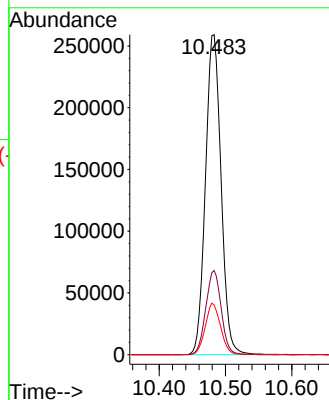
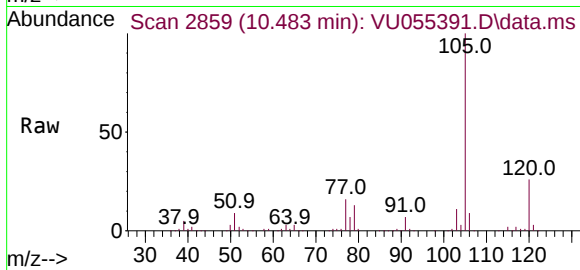
Tgt Ion:105 Resp: 423589

Ion Ratio Lower Upper

105 100

120 26.0 20.8 31.2

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.108 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

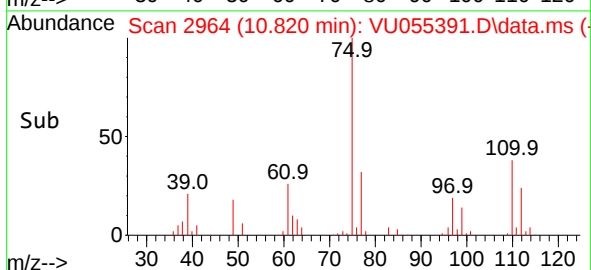
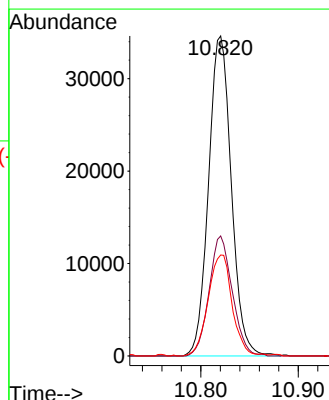
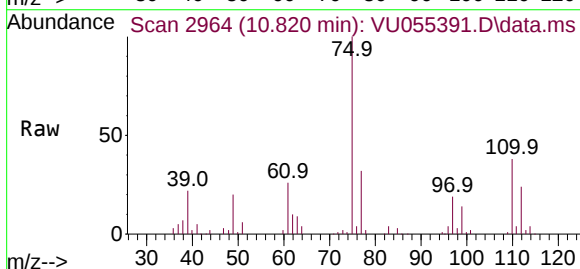
Tgt Ion: 75 Resp: 56238

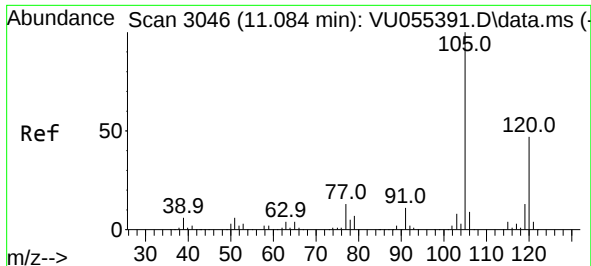
Ion Ratio Lower Upper

75 100

110 38.2 30.6 45.8

77 33.4 26.7 40.1

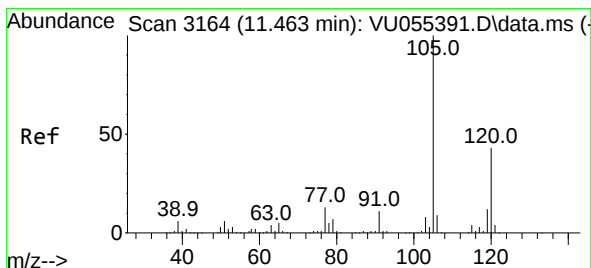
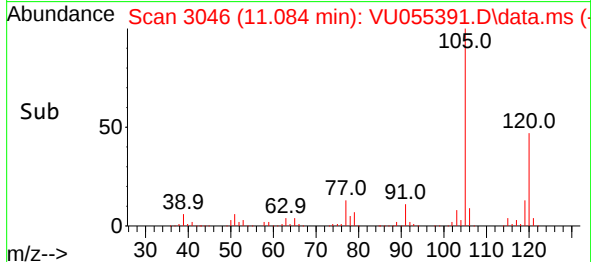
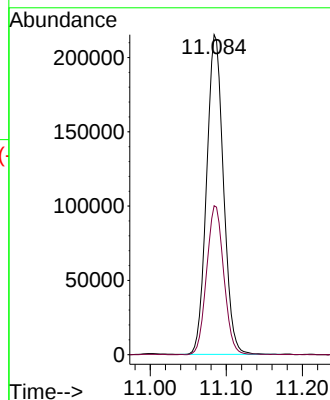
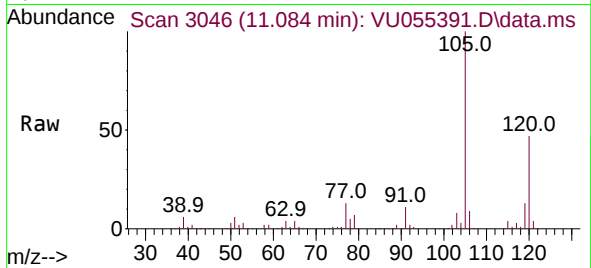




#62
1,3,5-Trimethylbenzene
Concen: 4.206 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

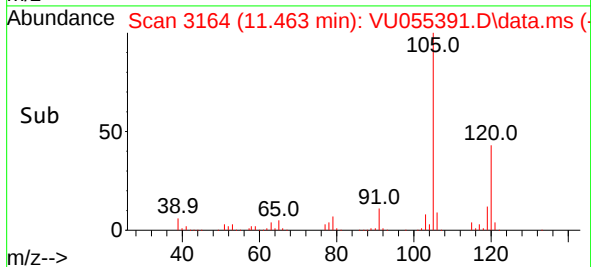
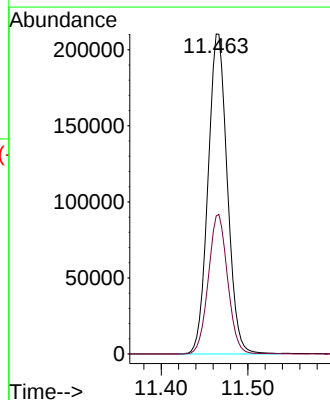
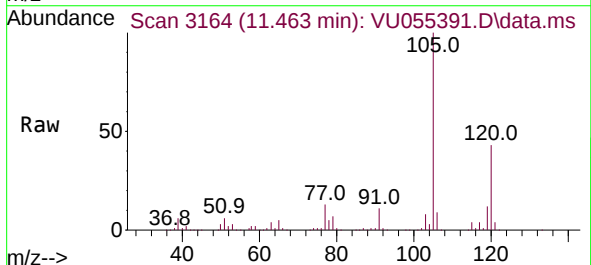
Instrument :
MSVOA_U
ClientSampleId :

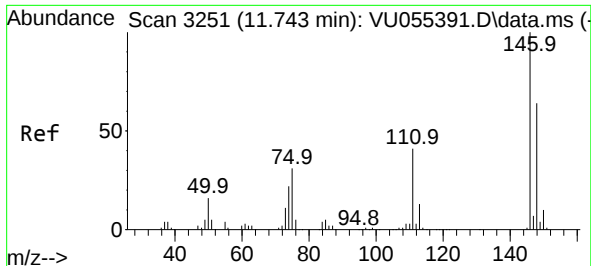
Tgt Ion:105 Resp: 330979
Ion Ratio Lower Upper
105 100
120 47.6 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 4.097 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

Tgt Ion:105 Resp: 325679
Ion Ratio Lower Upper
105 100
120 43.6 34.9 52.3

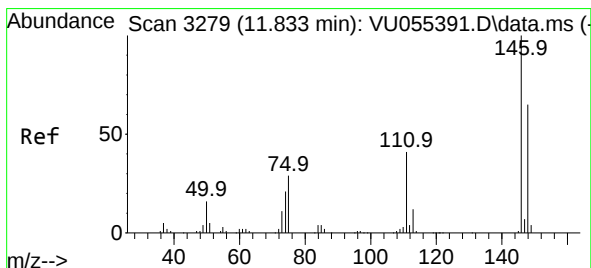
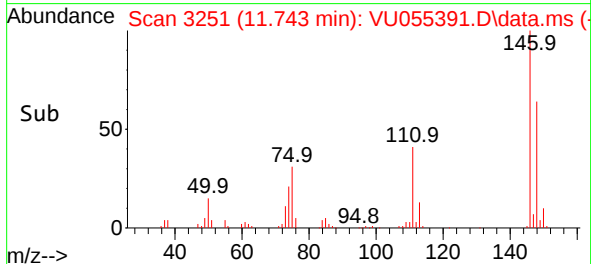
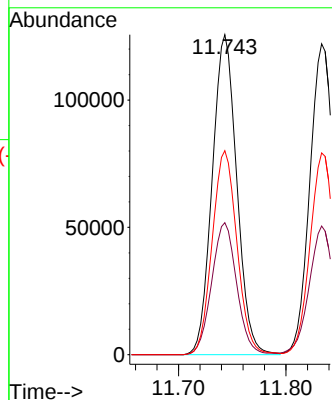
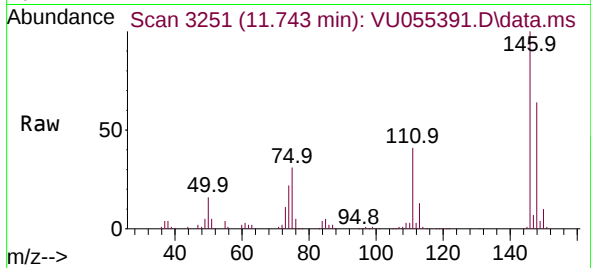




#64
1,3-Dichlorobenzene
Concen: 4.204 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

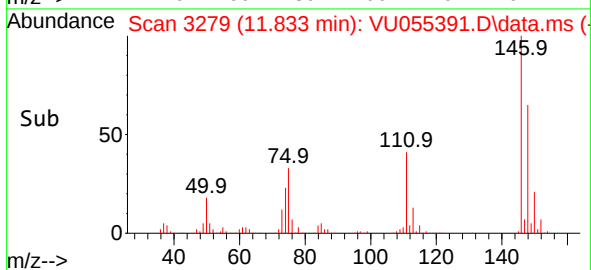
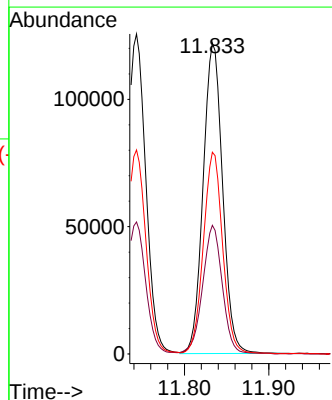
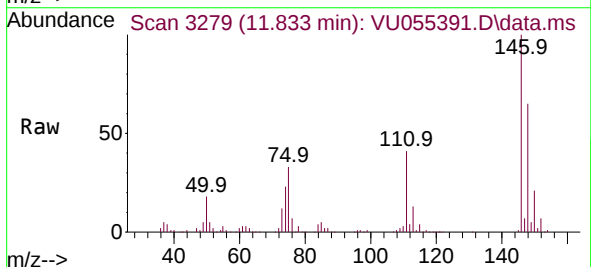
Instrument :
MSVOA_U
ClientSampleId :

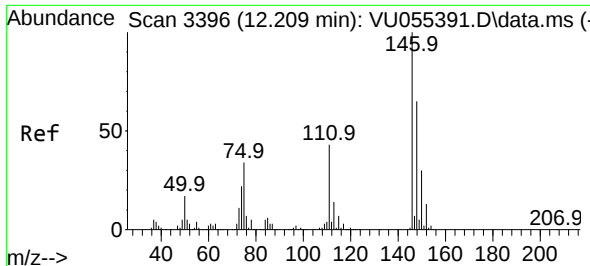
Tgt Ion:146 Resp: 199521
Ion Ratio Lower Upper
146 100
111 41.2 28.8 53.6
148 63.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.238 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055391.D
Acq: 19 Sep 2023 14:29

Tgt Ion:146 Resp: 196047
Ion Ratio Lower Upper
146 100
111 41.4 29.0 53.8
148 64.9 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 4.273 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

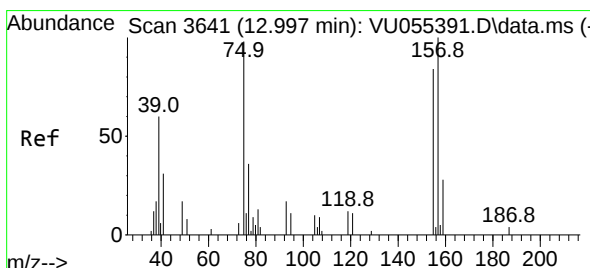
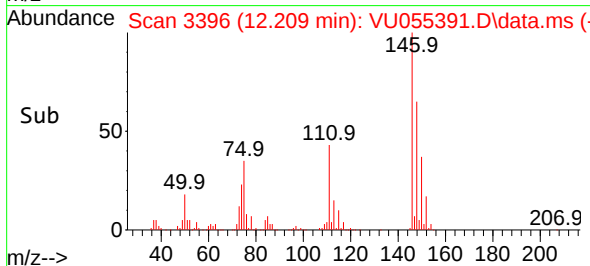
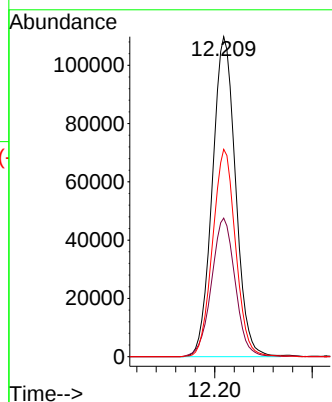
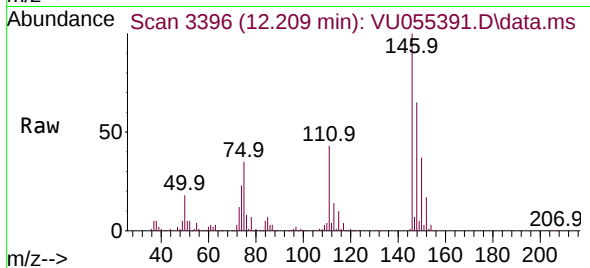
Tgt Ion:146 Resp: 181792

Ion Ratio Lower Upper

146 100

111 43.3 34.6 52.0

148 64.8 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.423 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

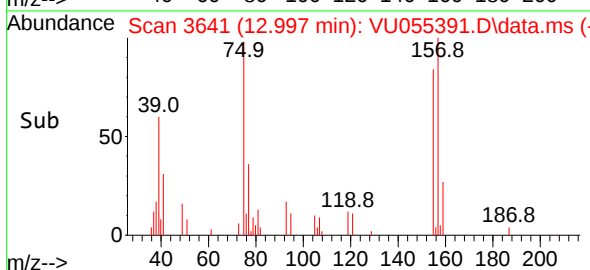
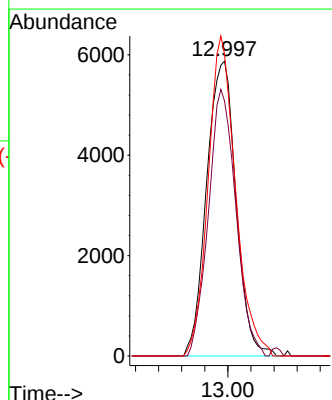
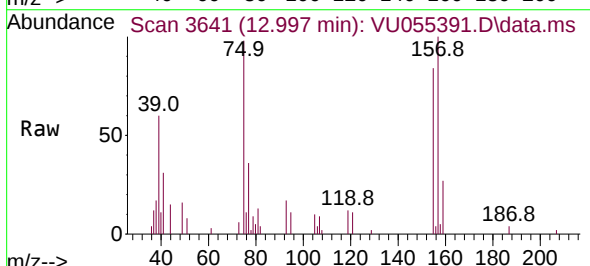
Tgt Ion: 75 Resp: 10376

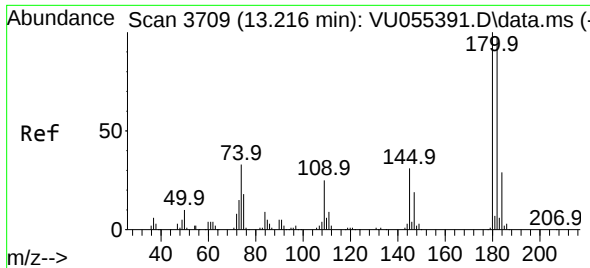
Ion Ratio Lower Upper

75 100

155 86.5 69.2 103.8

157 102.4 81.9 122.9

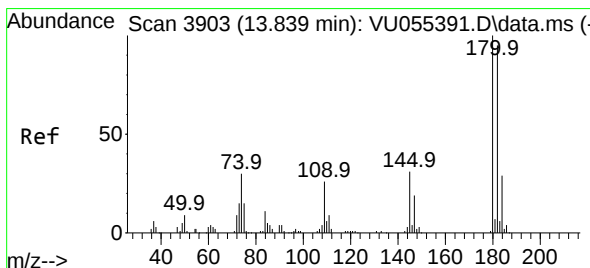
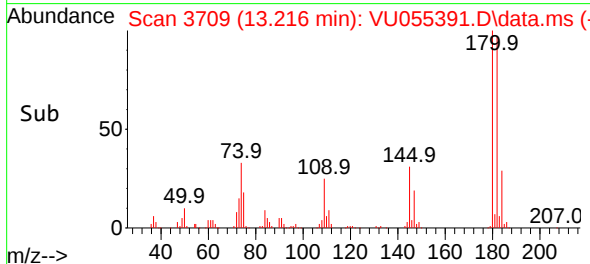
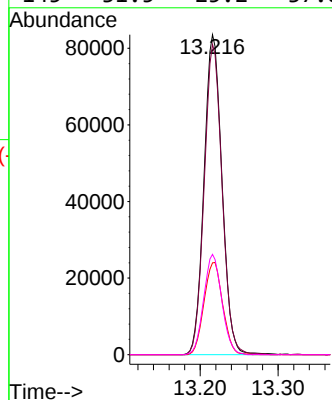
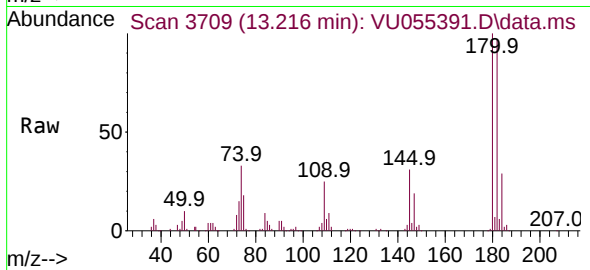




#69
 1,3,5-Trichlorobenzene
 Concen: 4.120 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU055391.D
 Acq: 19 Sep 2023 14:29

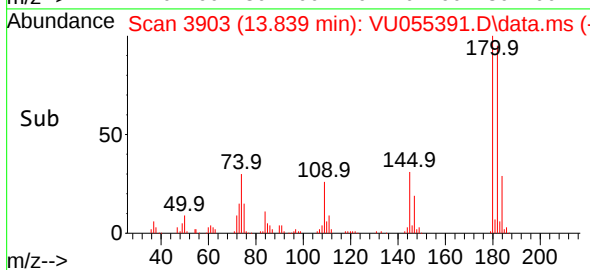
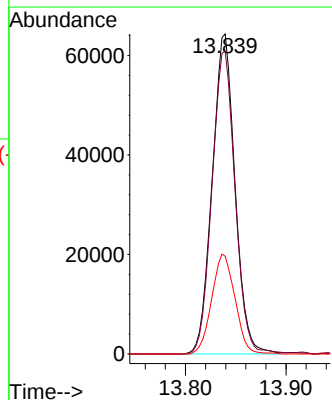
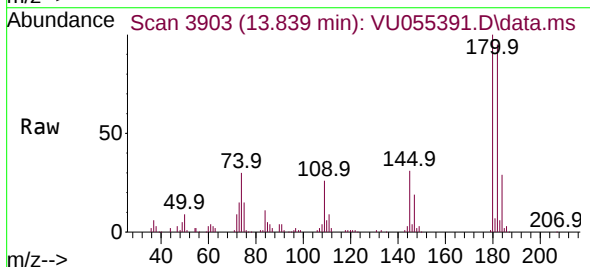
Instrument :
 MSVOA_U
 ClientSampleId :

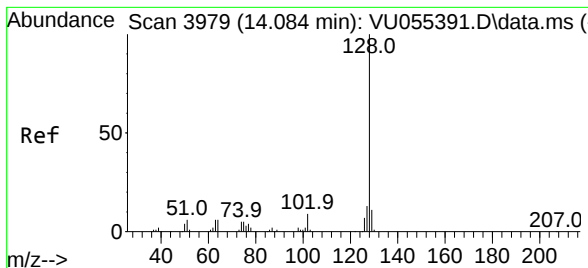
Tgt Ion:180 Resp: 134018
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.1 115.7
 184 30.0 24.0 36.0
 145 31.5 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.033 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU055391.D
 Acq: 19 Sep 2023 14:29

Tgt Ion:180 Resp: 101519
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.4 114.6
 145 31.7 25.4 38.0





#71

Naphthalene

Concen: 3.911 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

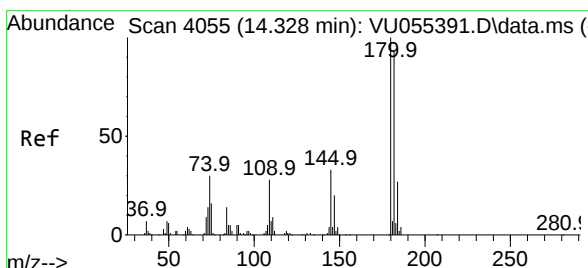
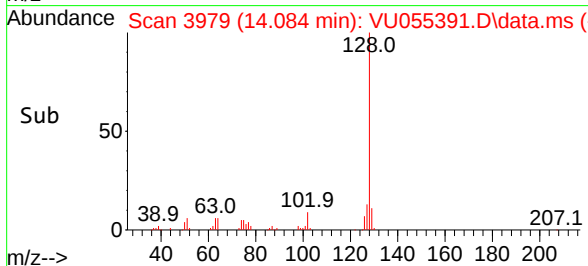
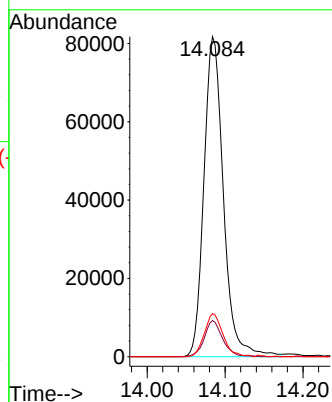
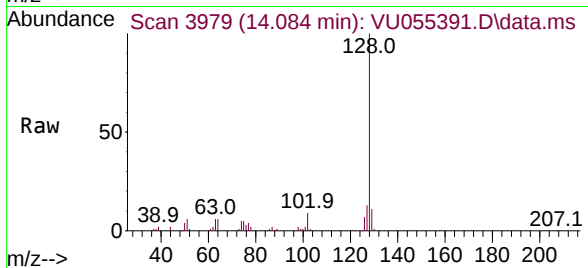
Tgt Ion:128 Resp: 141898

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

127 12.8 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.126 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.000 min

Lab File: VU055391.D

Acq: 19 Sep 2023 14:29

Tgt Ion:180 Resp: 90595

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 32.5 26.0 39.0

