

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055392.D
 Acq On : 19 Sep 2023 14:53
 Operator : MD/SY
 Sample : VSTD01064
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 05:26:21 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	6.248	114	263259	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	279016	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	160142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	269108	15.650	ug/L	0.00
7) Chloroethane-d5	1.911	69	233767	13.044	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	109031	16.870	ug/L	0.00
20) 2-Butanone-d5	4.624	46	505556	118.615	ug/L	0.00
24) Chloroform-d	5.058	84	498099	13.732	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	239600	13.235	ug/L	0.00
32) Benzene-d6	5.724	84	998471	15.126	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	295972	13.691	ug/L	0.00
41) Toluene-d8	7.894	98	936464	16.129	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	111029	14.355	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	348179	131.989	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	224290	12.420	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	323815	14.247	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	246888	9.856	ug/L	99
3) Chloromethane	1.515	50	212877	9.054	ug/L	99
5) Vinyl chloride	1.602	62	234433	9.181	ug/L	99
6) Bromomethane	1.856	94	153206	8.091	ug/L	99
8) Chloroethane	1.930	64	150491	7.606	ug/L	98
9) Trichlorofluoromethane	2.136	101	316415	8.022	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	197983	9.620	ug/L	99
12) 1,1-Dichloroethene	2.576	96	182583	9.924	ug/L	99
13) Acetone	2.640	43	248103	92.283	ug/L	98
14) Carbon disulfide	2.788	76	549202	9.572	ug/L	99
15) Methyl Acetate	2.952	43	58816	9.286	ug/L	100
16) Methylene chloride	3.039	84	207346	7.637	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	395366	9.153	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	183007	9.207	ug/L	98
19) 1,1-Dichloroethane	3.865	63	335011	8.761	ug/L	97
21) 2-Butanone	4.705	43	391711	89.988	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	202633	8.737	ug/L	99
23) Bromochloromethane	4.972	128	86035	9.074	ug/L	99
25) Chloroform	5.084	83	356481	8.597	ug/L	99
27) 1,2-Dichloroethane	5.791	62	215502	8.422	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	304568	8.822	ug/L	98
30) Cyclohexane	5.386	56	294539	9.134	ug/L	99
31) Carbon tetrachloride	5.521	117	264389	8.921	ug/L	97
33) Benzene	5.769	78	789245	8.824	ug/L	100
34) Trichloroethene	6.537	95	213397	8.389	ug/L	99
35) Methylcyclohexane	6.759	83	324505	8.819	ug/L	99
37) 1,2-Dichloropropane	6.788	63	201789	8.668	ug/L	100
38) Bromodichloromethane	7.103	83	242973	8.682	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	289401	9.028	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	957334	86.775	ug/L	99
42) Toluene	7.965	91	859131	8.834	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	230344	9.166	ug/L	99

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

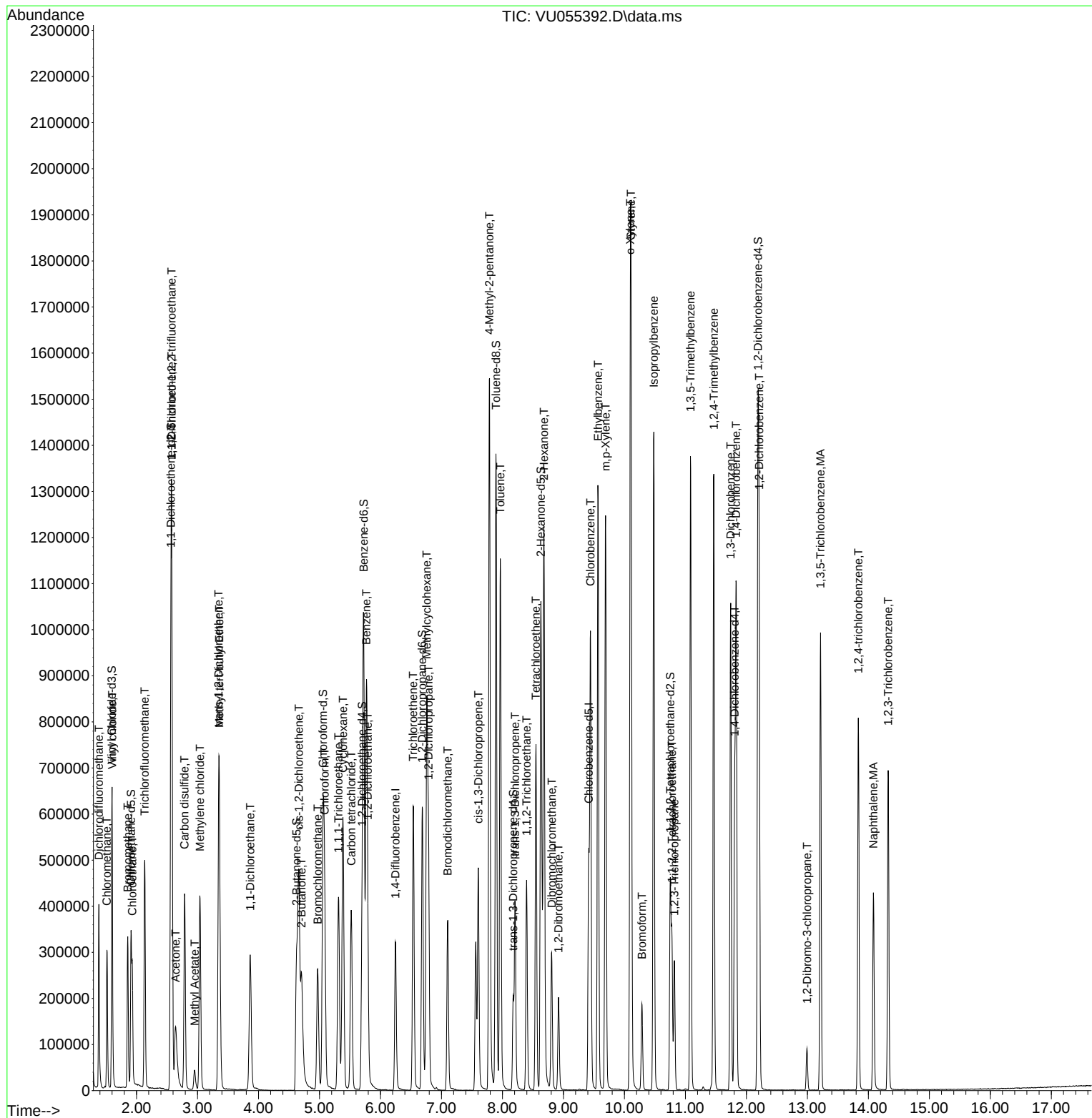
45) 1,1,2-Trichloroethane	8.396	97	142655	8.701	ug/L	99
47) Tetrachloroethene	8.550	164	161448	9.096	ug/L	99
48) 2-Hexanone	8.679	43	748533	90.082	ug/L	98
49) Dibromochloromethane	8.807	129	154341	9.208	ug/L	95
50) 1,2-Dibromoethane	8.920	107	133003	8.783	ug/L #	100
51) Chlorobenzene	9.444	112	531793	8.476	ug/L	100
52) Ethylbenzene	9.566	91	929531	8.767	ug/L	98
53) m,p-Xylene	9.692	106	357527	8.927	ug/L	100
54) o-Xylene	10.097	106	344857	9.097	ug/L	95
55) Styrene	10.110	104	583378	9.176	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	165061	9.170	ug/L	99
59) Bromoform	10.286	173	83897	9.139	ug/L	100
60) Isopropylbenzene	10.483	105	925131	8.297	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	116209	7.761	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	761740	8.852	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	743742	8.555	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	426207	8.211	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	424965	8.401	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	391869	8.422	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	23529	9.171	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	299249	8.411	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	234388	8.514	ug/L	99
71) Naphthalene	14.084	128	352435	8.882	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	208453	8.682	ug/L	99

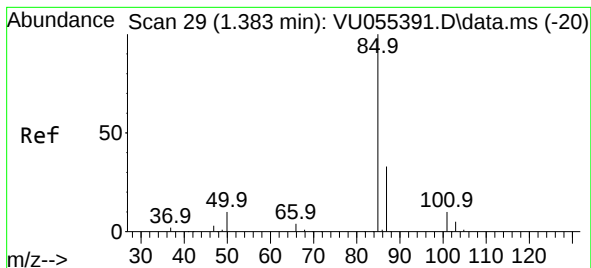
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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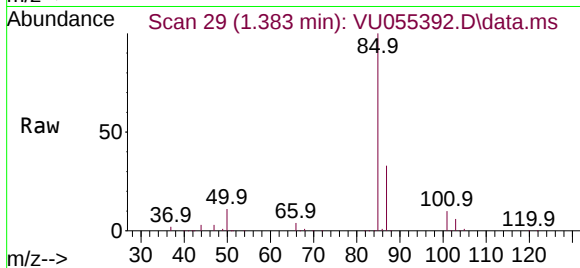
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
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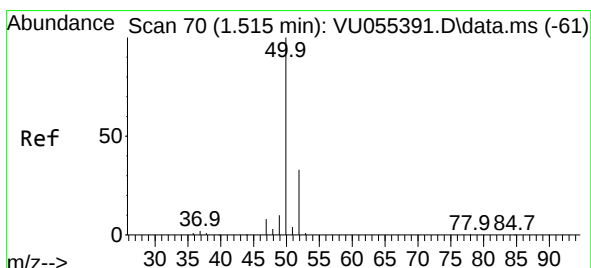
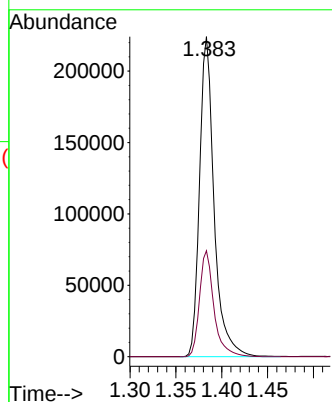
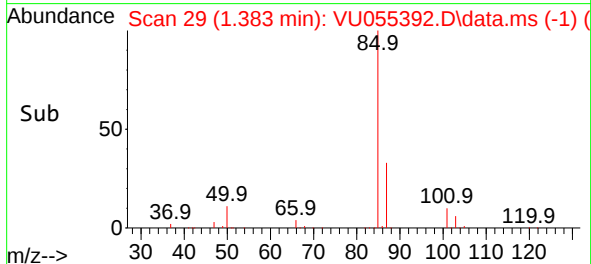


#2
 Dichlorodifluoromethane
 Concen: 9.856 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055392.D
 Acq: 19 Sep 2023 14:53

Instrument :
 MSVOA_U
 ClientSampleId :

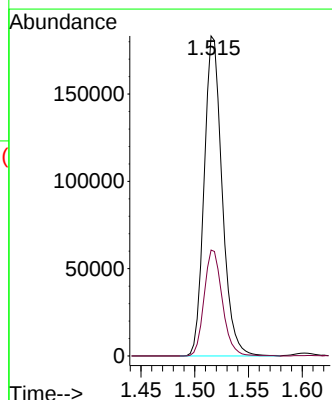
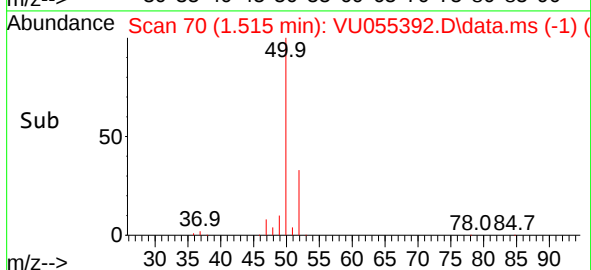
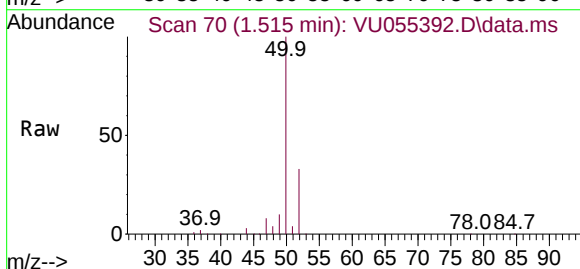


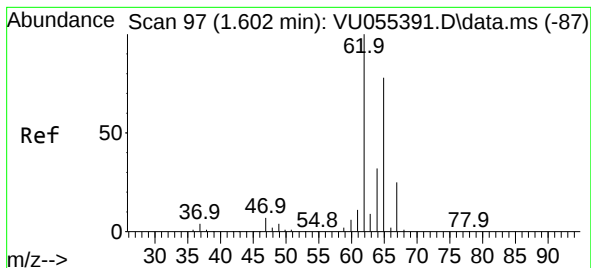
Tgt Ion: 85 Resp: 246888
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.0 39.0



#3
 Chloromethane
 Concen: 9.054 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU055392.D
 Acq: 19 Sep 2023 14:53

Tgt Ion: 50 Resp: 212877
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.9 42.5





#5

Vinyl chloride

Concen: 9.181 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

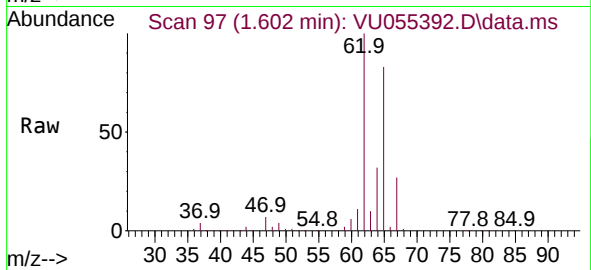
Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

ClientSampleId :

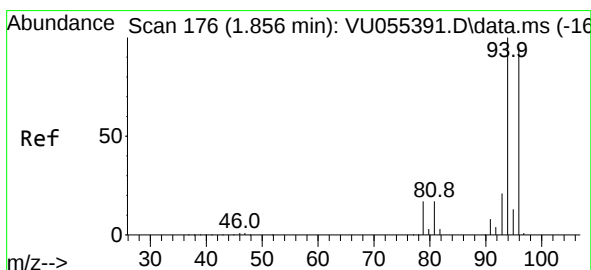
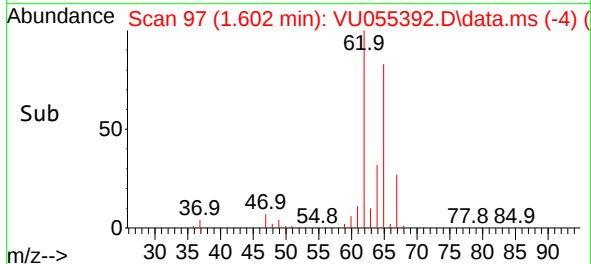
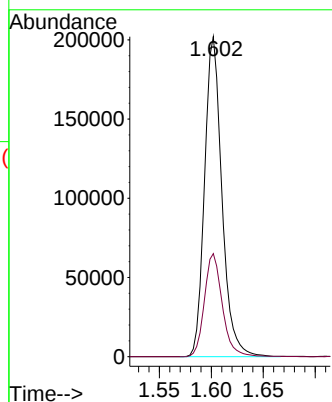


Tgt Ion: 62 Resp: 234433

Ion Ratio Lower Upper

62 100

64 32.2 22.3 41.5



#6

Bromomethane

Concen: 8.091 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU055392.D

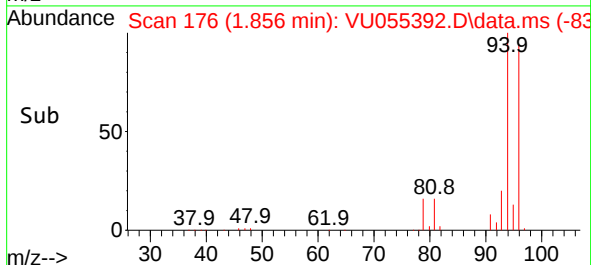
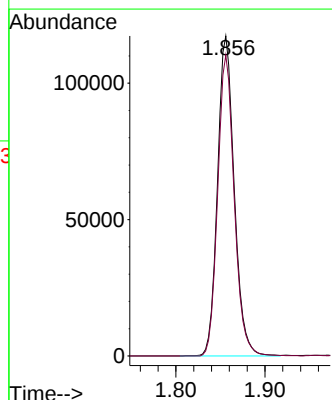
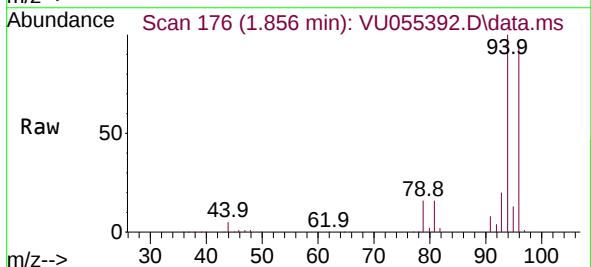
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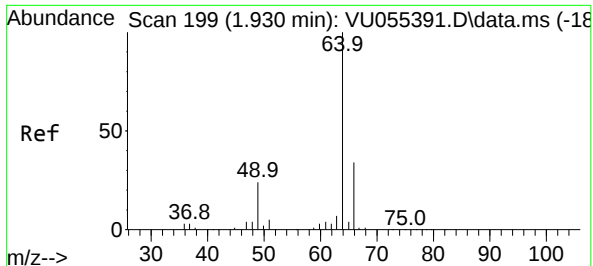
Tgt Ion: 94 Resp: 153206

Ion Ratio Lower Upper

94 100

96 94.0 66.4 123.2





#8

Chloroethane

Concen: 7.606 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

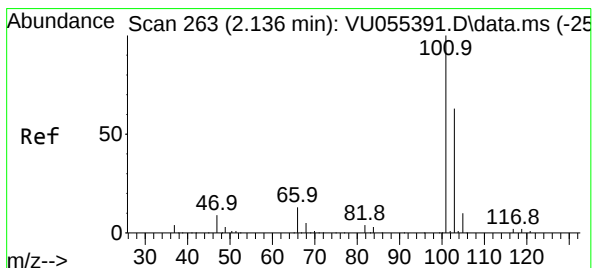
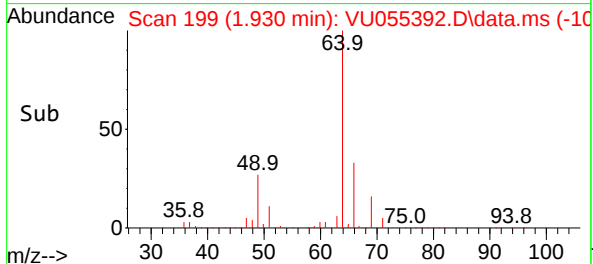
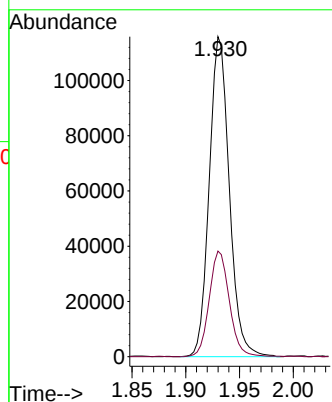
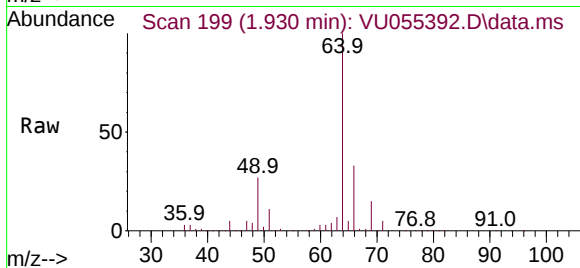
ClientSampleId :

Tgt Ion: 64 Resp: 150491

Ion Ratio Lower Upper

64 100

66 33.0 23.7 44.1



#9

Trichlorofluoromethane

Concen: 8.022 ug/L

RT: 2.136 min Scan# 263

Delta R.T. -0.000 min

Lab File: VU055392.D

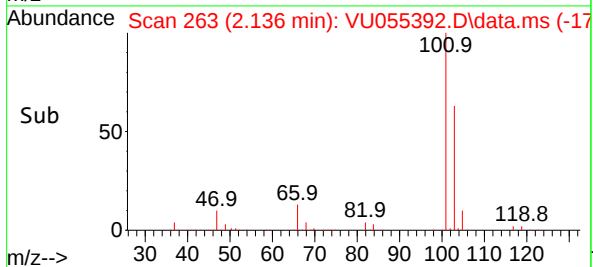
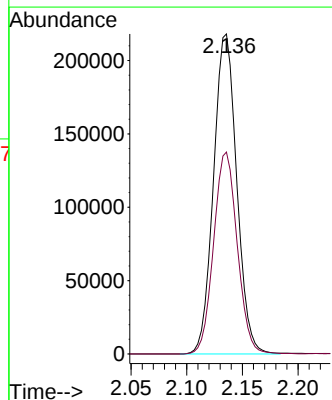
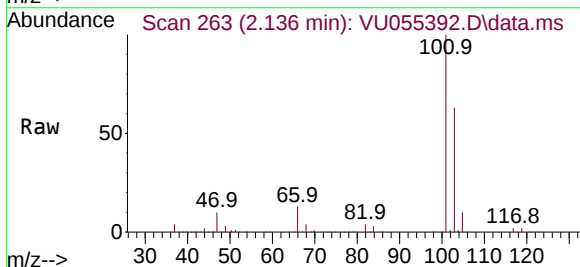
Acq: 19 Sep 2023 14:53

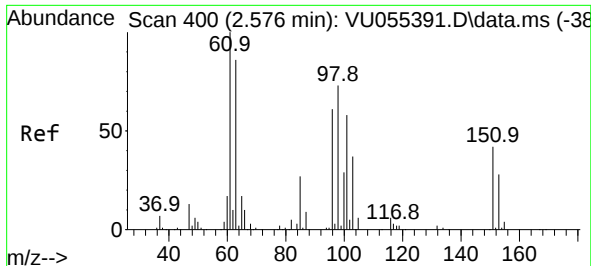
Tgt Ion:101 Resp: 316415

Ion Ratio Lower Upper

101 100

103 64.1 52.0 78.0

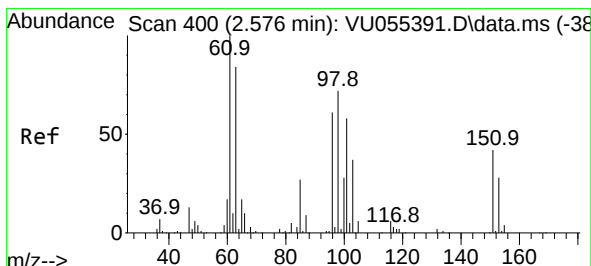
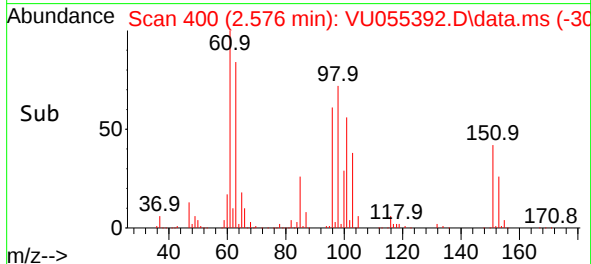
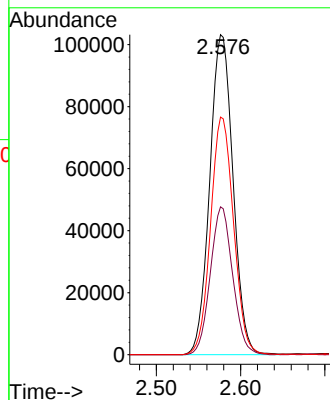
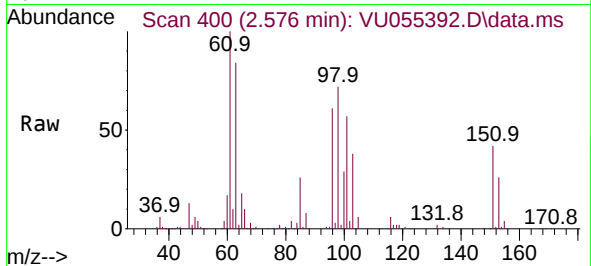




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.620 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055392.D
 Acq: 19 Sep 2023 14:53

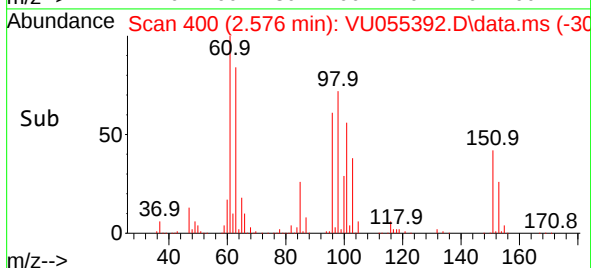
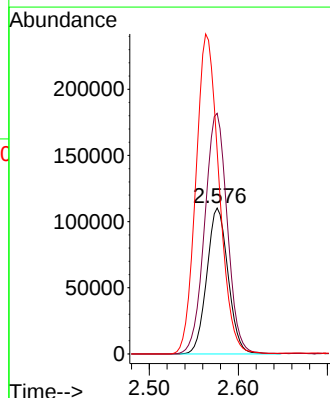
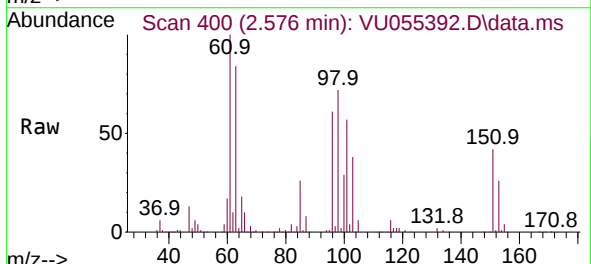
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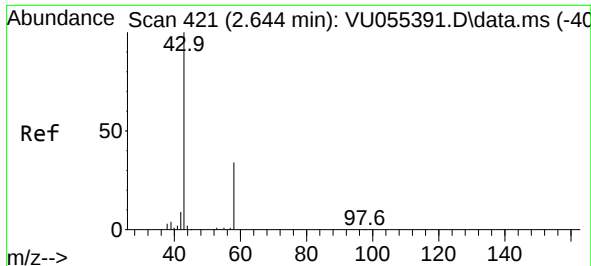
Tgt Ion:101 Resp: 197983
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.8 53.6
 151 73.6 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 9.924 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055392.D
 Acq: 19 Sep 2023 14:53

Tgt Ion: 96 Resp: 182583
 Ion Ratio Lower Upper
 96 100
 61 165.0 114.5 212.7
 63 139.3 98.3 182.5





#13

Acetone

Concen: 92.283 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

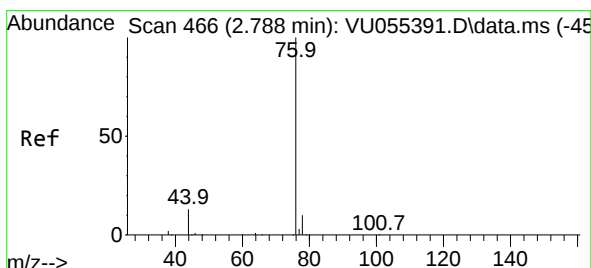
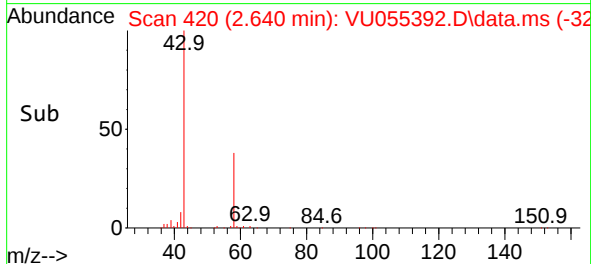
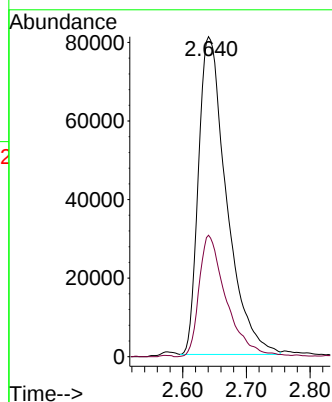
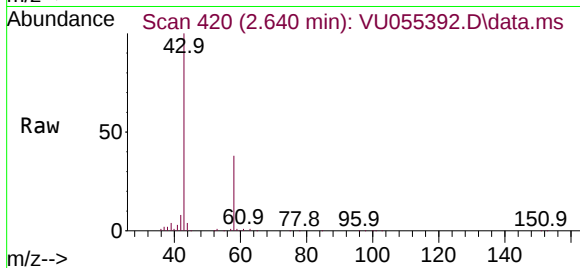
ClientSampleId :

Tgt Ion: 43 Resp: 248103

Ion Ratio Lower Upper

43 100

58 37.1 0.0 72.2



#14

Carbon disulfide

Concen: 9.572 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU055392.D

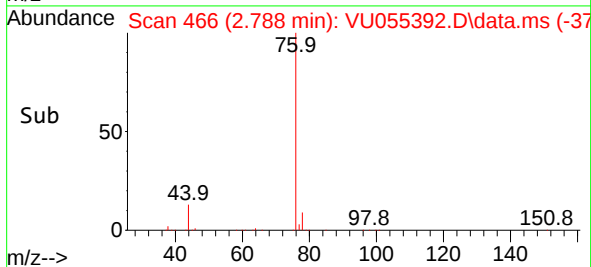
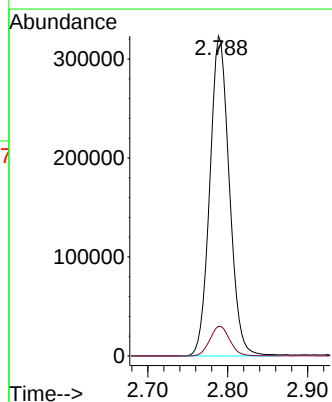
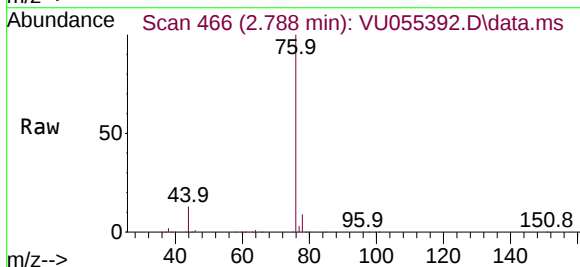
Acq: 19 Sep 2023 14:53

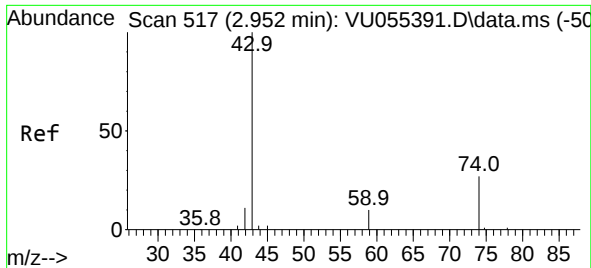
Tgt Ion: 76 Resp: 549202

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

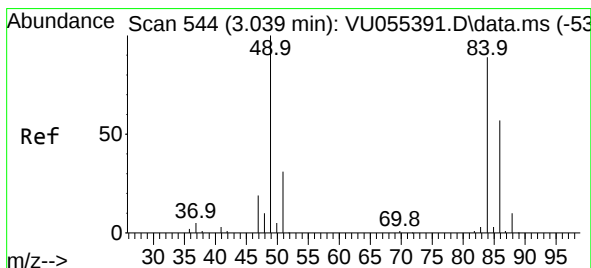
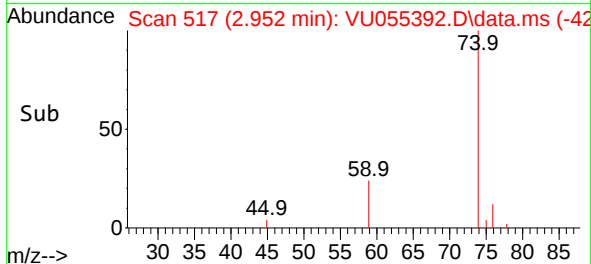
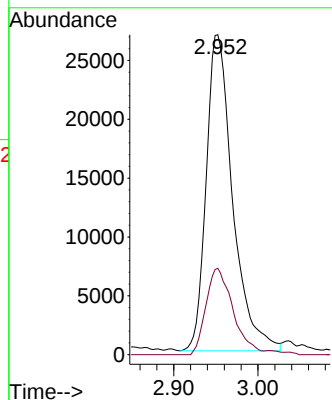
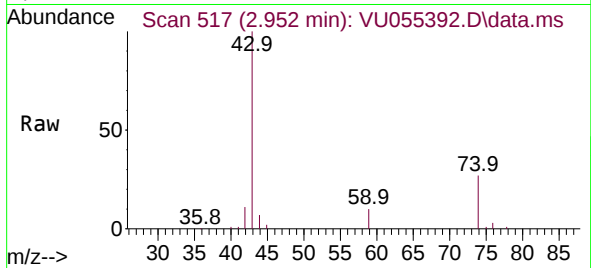




#15
Methyl Acetate
Concen: 9.286 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

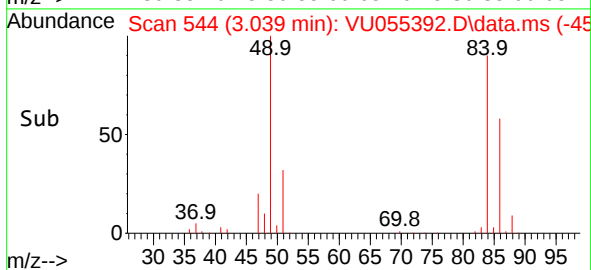
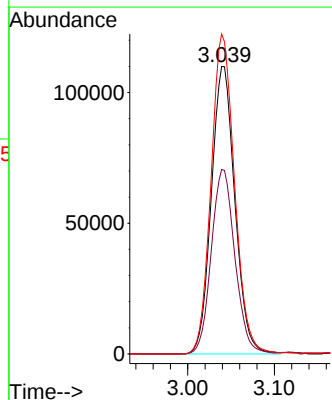
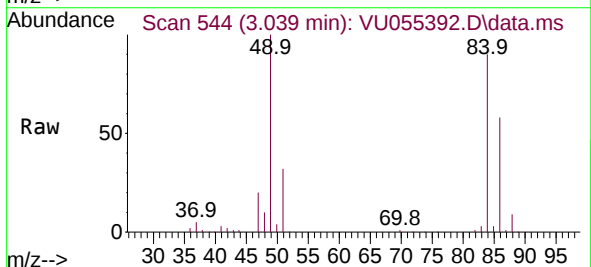
Instrument :
MSVOA_U
ClientSampleId :

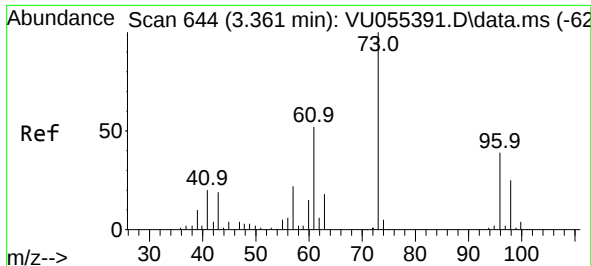
Tgt Ion: 43 Resp: 58816
Ion Ratio Lower Upper
43 100
74 27.8 22.3 33.5



#16
Methylene chloride
Concen: 7.637 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

Tgt Ion: 84 Resp: 207346
Ion Ratio Lower Upper
84 100
86 64.2 44.9 83.3
49 111.3 78.8 146.3

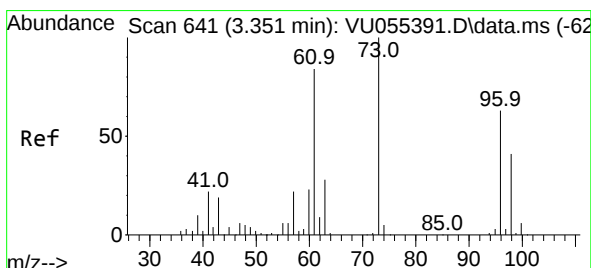
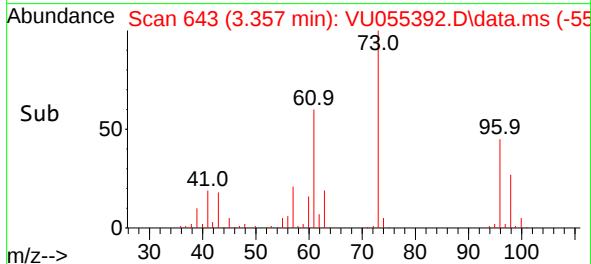
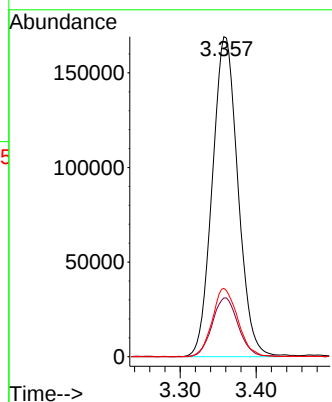
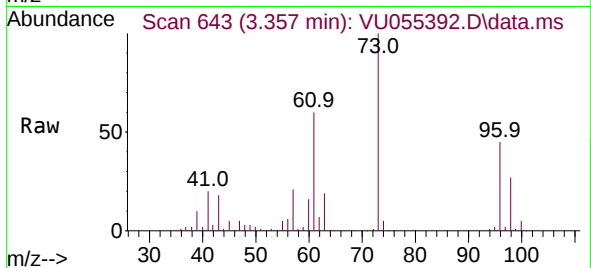




#17
Methyl tert-butyl Ether
Concen: 9.153 ug/L
RT: 3.357 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

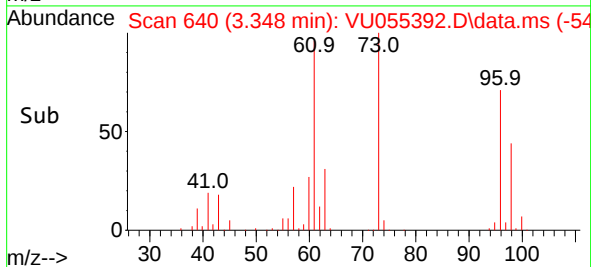
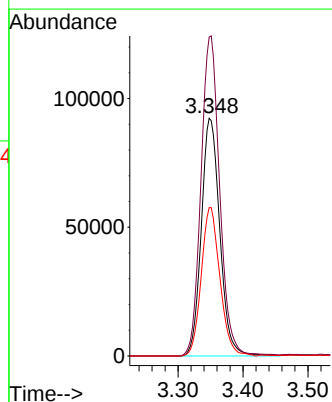
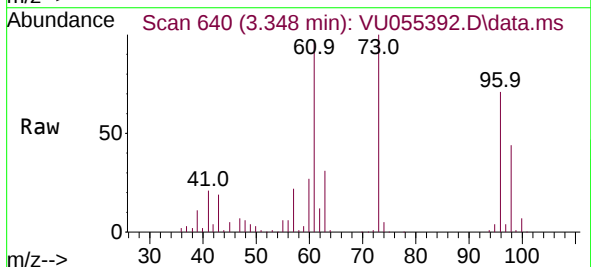
Instrument :
MSVOA_U
ClientSampleId :

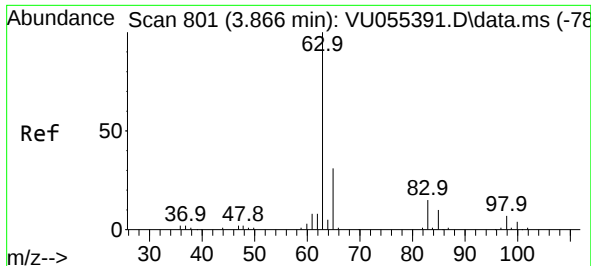
Tgt Ion: 73 Resp: 395366
Ion Ratio Lower Upper
73 100
43 18.5 14.9 22.3
57 21.3 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 9.207 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

Tgt Ion: 96 Resp: 183007
Ion Ratio Lower Upper
96 100
61 134.2 94.6 175.6
98 62.4 45.7 84.9





#19

1,1-Dichloroethane

Concen: 8.761 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

ClientSampleId :

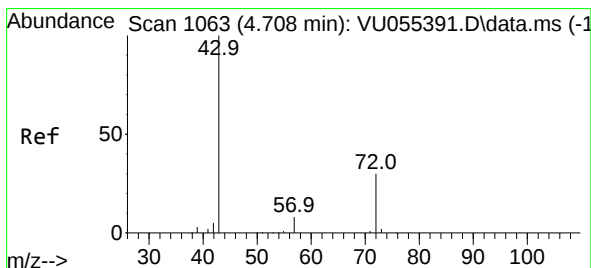
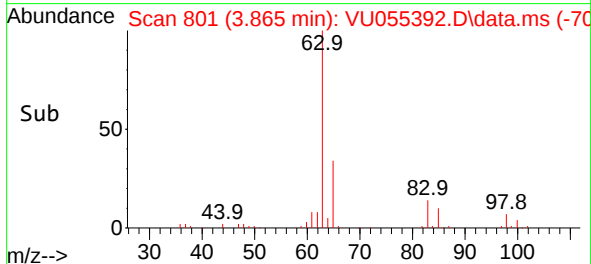
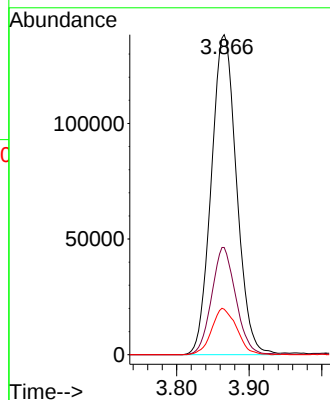
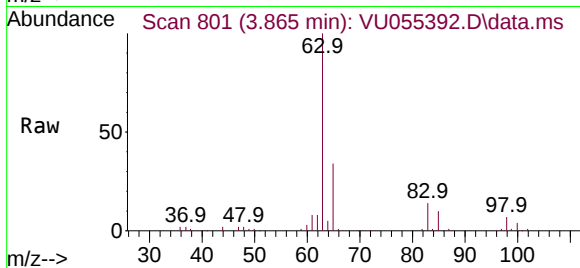
Tgt Ion: 63 Resp: 335011

Ion Ratio Lower Upper

63 100

65 33.5 22.0 41.0

83 14.2 10.1 18.9



#21

2-Butanone

Concen: 89.988 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.003 min

Lab File: VU055392.D

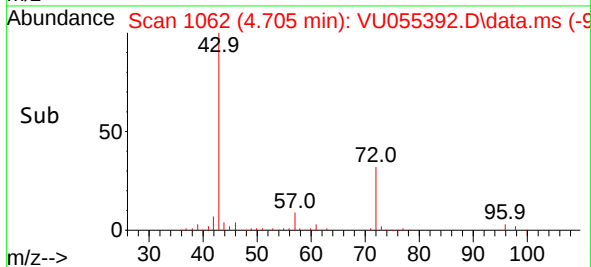
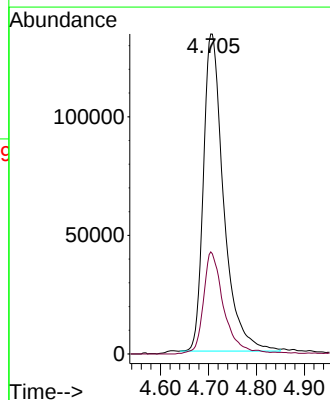
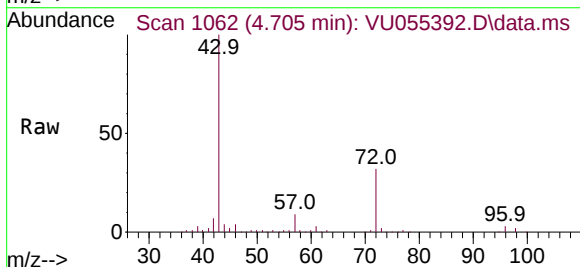
Acq: 19 Sep 2023 14:53

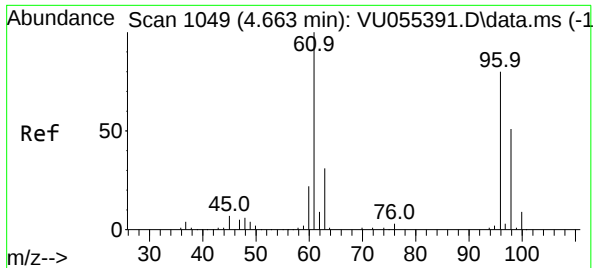
Tgt Ion: 43 Resp: 391711

Ion Ratio Lower Upper

43 100

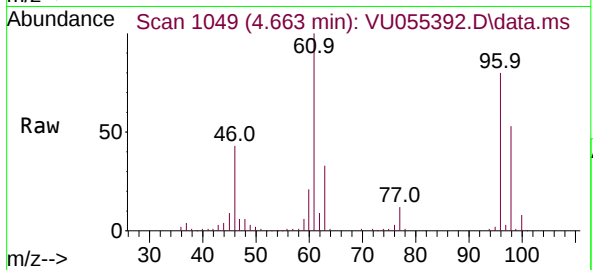
72 31.7 15.1 45.3





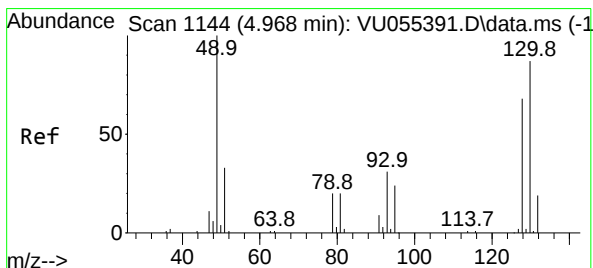
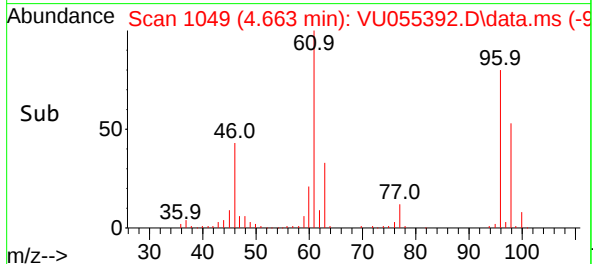
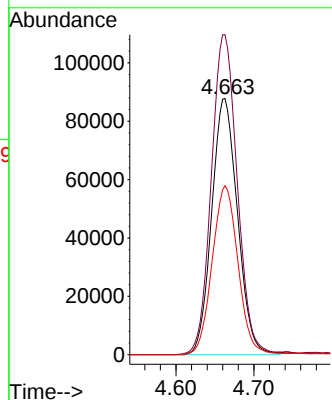
#22
 cis-1,2-Dichloroethene
 Concen: 8.737 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055392.D
 Acq: 19 Sep 2023 14:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 202633

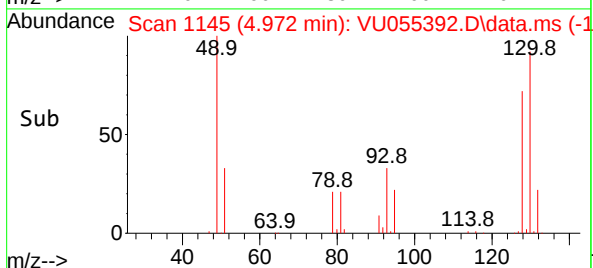
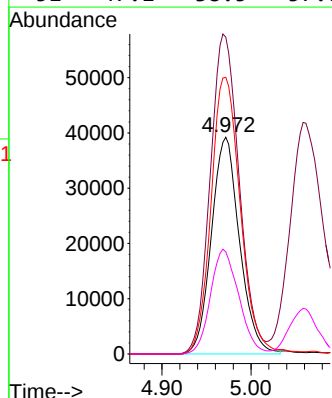
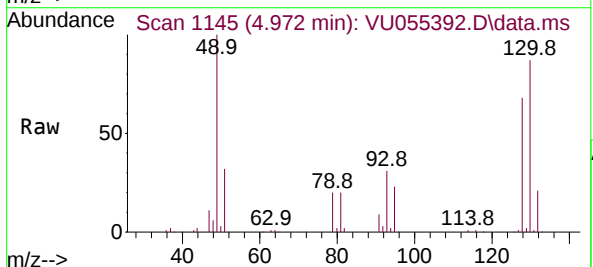
Ion	Ratio	Lower	Upper
96	100		
61	125.0	87.8	163.2
98	66.0	44.4	82.4

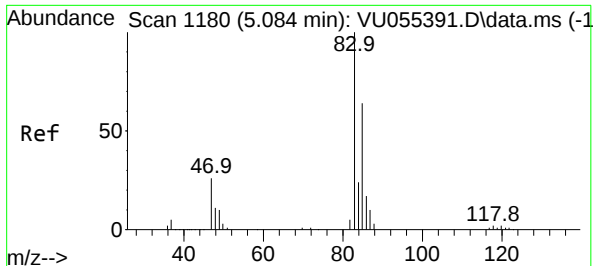


#23
 Bromochloromethane
 Concen: 9.074 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU055392.D
 Acq: 19 Sep 2023 14:53

Tgt Ion: 128 Resp: 86035

Ion	Ratio	Lower	Upper
128	100		
49	146.1	102.8	191.0
130	127.6	89.9	166.9
51	47.1	38.5	57.7





#25

Chloroform

Concen: 8.597 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

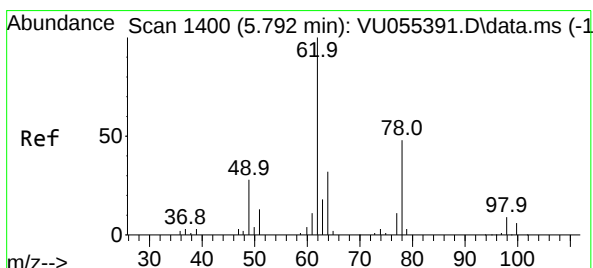
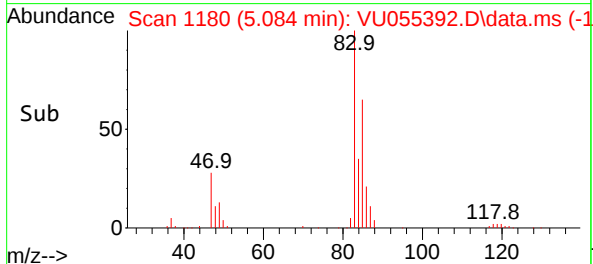
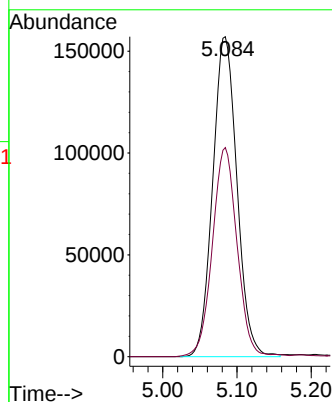
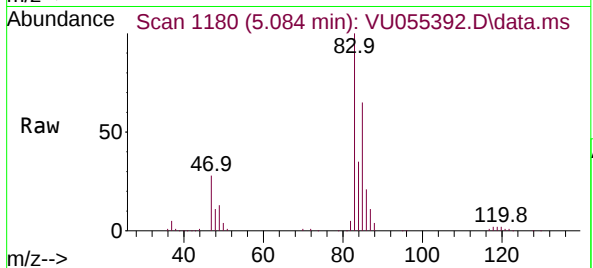
ClientSampleId :

Tgt Ion: 83 Resp: 356481

Ion Ratio Lower Upper

83 100

85 65.4 44.9 83.5



#27

1,2-Dichloroethane

Concen: 8.422 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055392.D

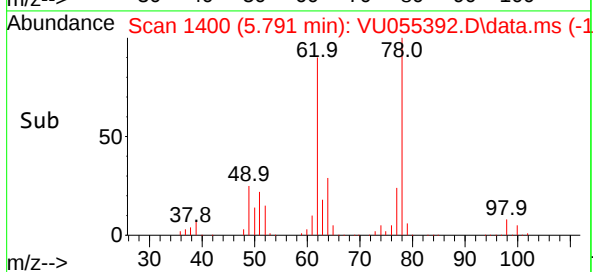
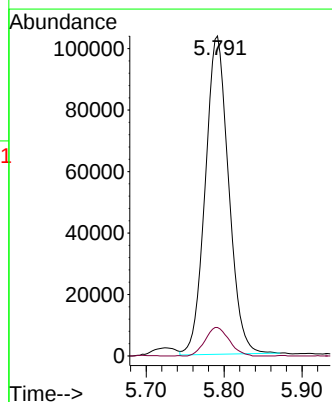
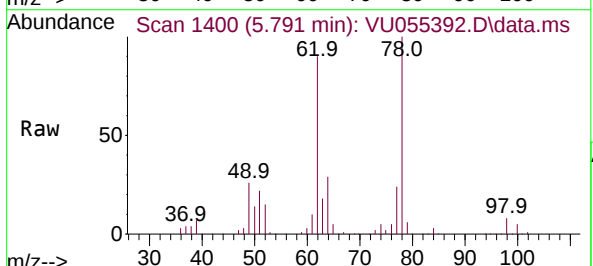
Acq: 19 Sep 2023 14:53

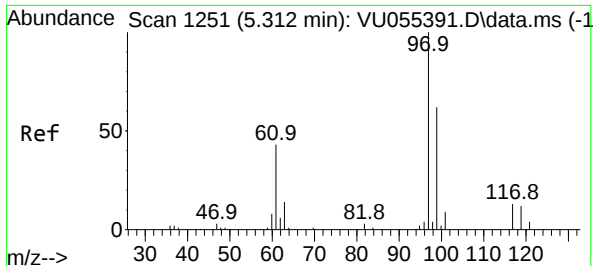
Tgt Ion: 62 Resp: 215502

Ion Ratio Lower Upper

62 100

98 8.9 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 8.822 ug/L

RT: 5.312 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

ClientSampleId :

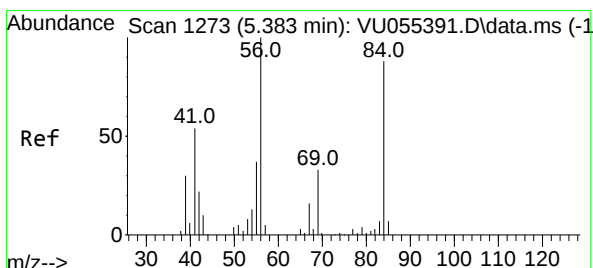
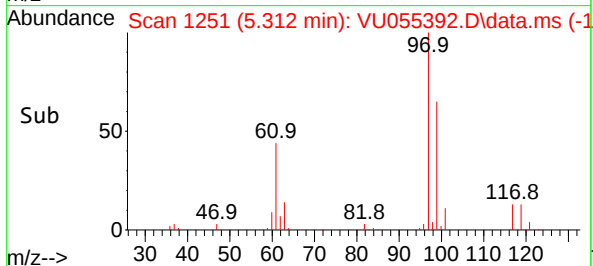
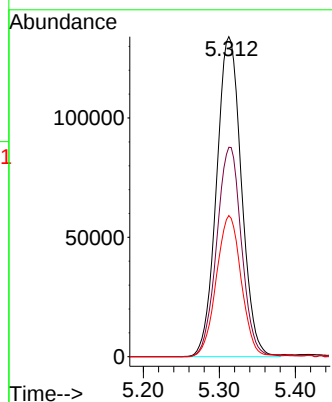
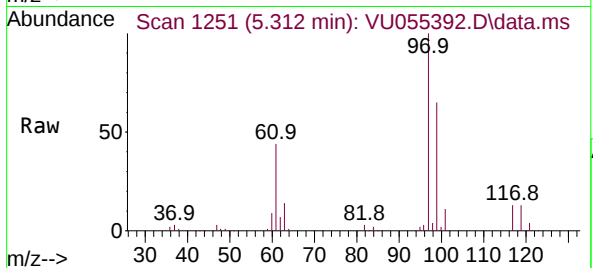
Tgt Ion: 97 Resp: 304568

Ion Ratio Lower Upper

97 100

99 65.3 50.7 76.1

61 44.3 34.6 51.8



#30

Cyclohexane

Concen: 9.134 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

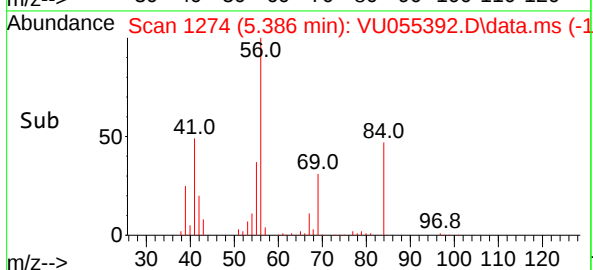
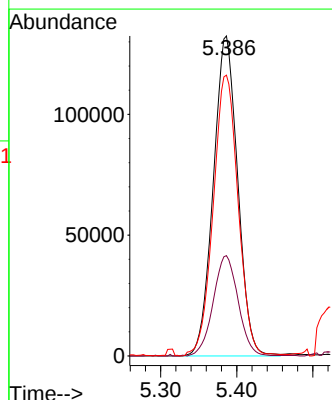
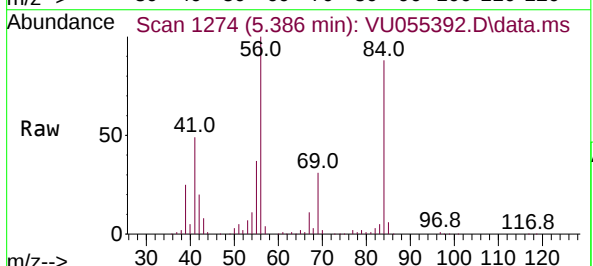
Tgt Ion: 56 Resp: 294539

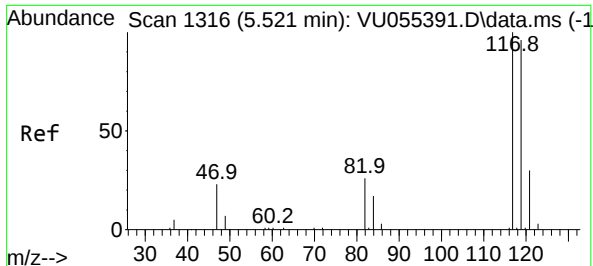
Ion Ratio Lower Upper

56 100

69 32.1 26.5 39.7

84 89.8 72.6 108.8

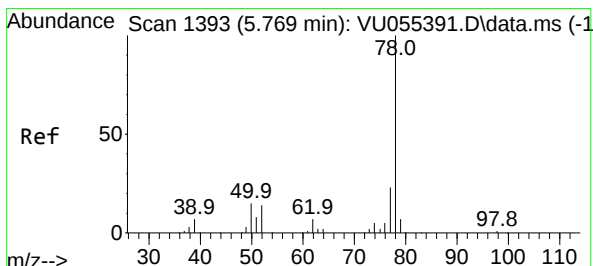
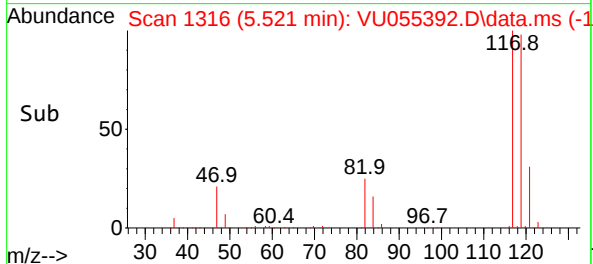
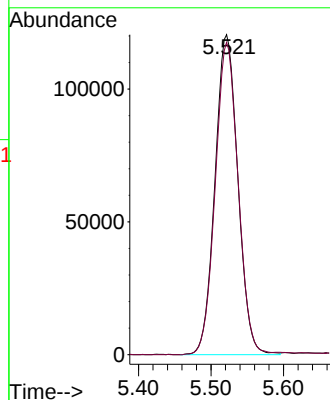
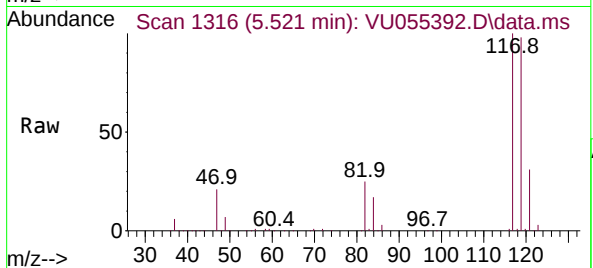




#31
Carbon tetrachloride
Concen: 8.921 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

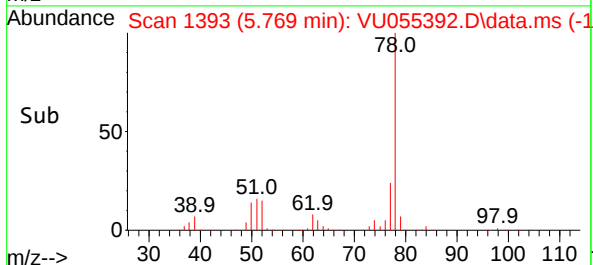
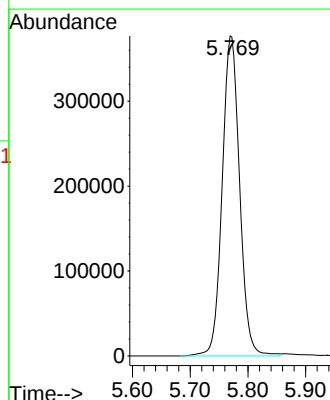
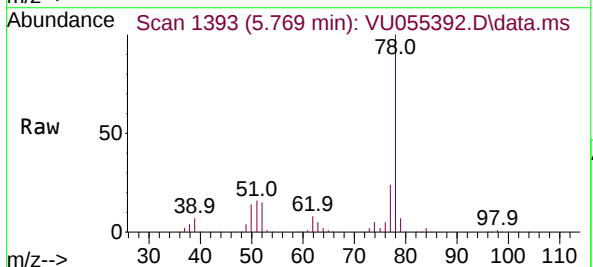
Instrument :
MSVOA_U
ClientSampleId :

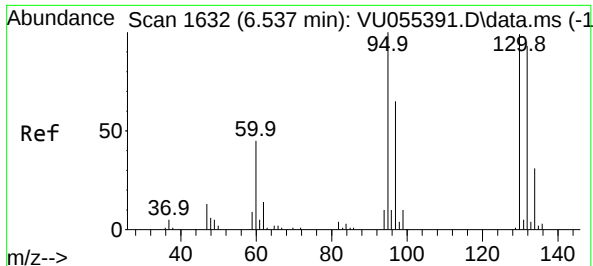
Tgt Ion:117 Resp: 264389
Ion Ratio Lower Upper
117 100
119 97.4 75.2 112.8



#33
Benzene
Concen: 8.824 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

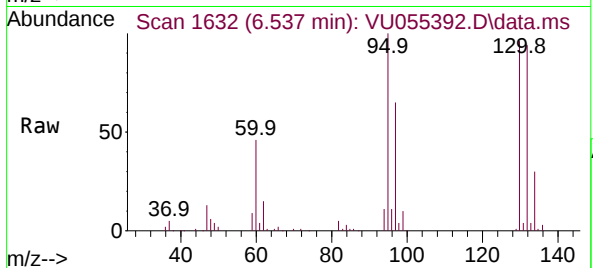
Tgt Ion: 78 Resp: 789245



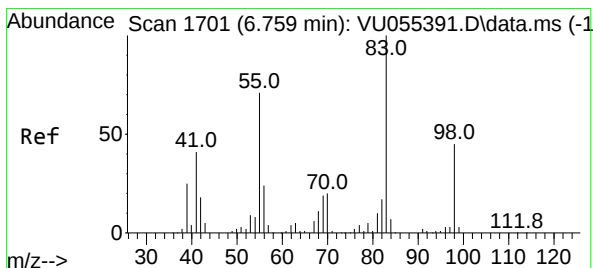
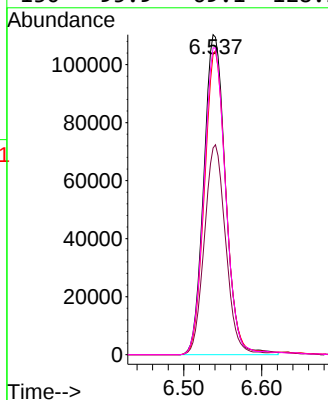
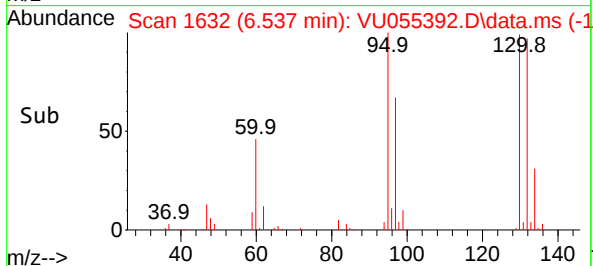


#34
Trichloroethene
Concen: 8.389 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

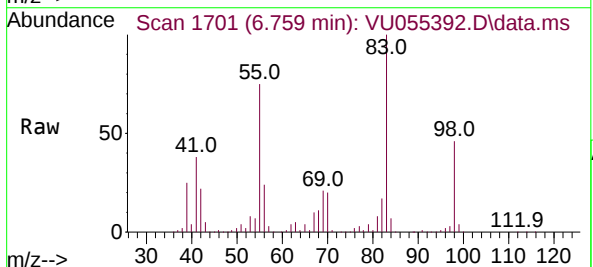
Instrument :
MSVOA_U
ClientSampleId :



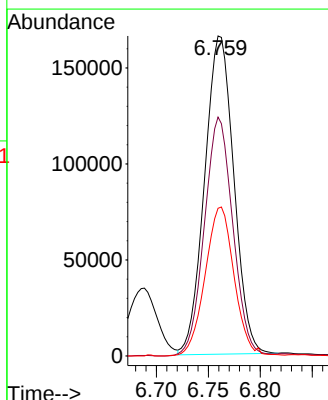
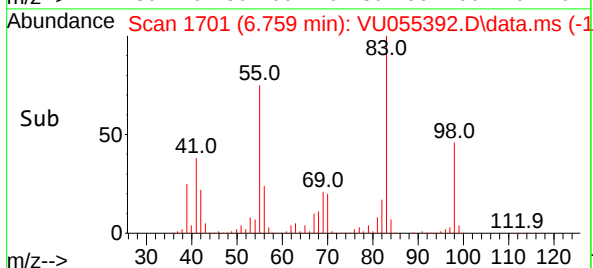
Tgt Ion: 95 Resp: 213397
Ion Ratio Lower Upper
95 100
97 64.6 45.4 84.2
132 93.8 65.2 121.2
130 95.9 69.1 128.3

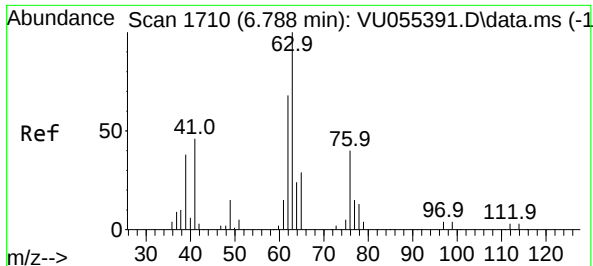


#35
Methylcyclohexane
Concen: 8.819 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53



Tgt Ion: 83 Resp: 324505
Ion Ratio Lower Upper
83 100
55 73.1 59.1 88.7
98 46.6 36.3 54.5

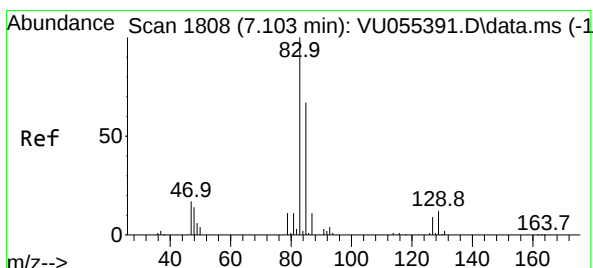
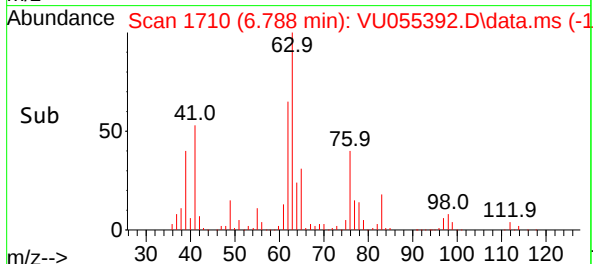
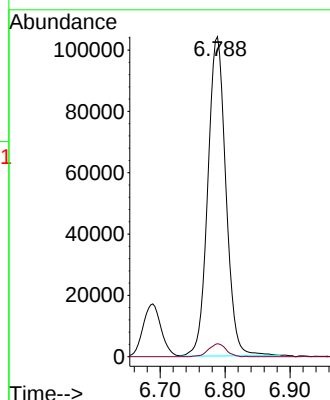
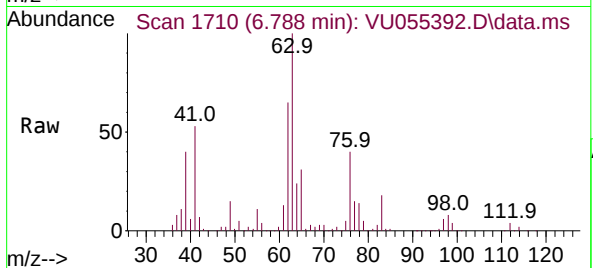




#37
1,2-Dichloropropane
Concen: 8.668 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

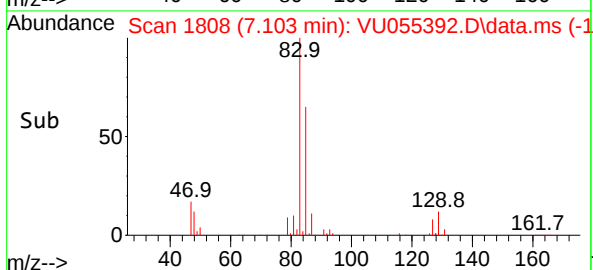
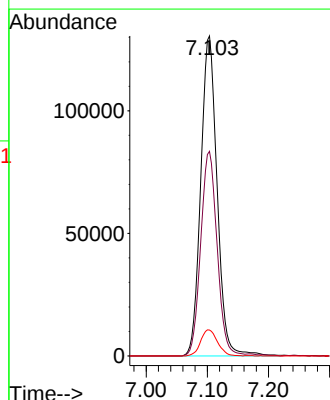
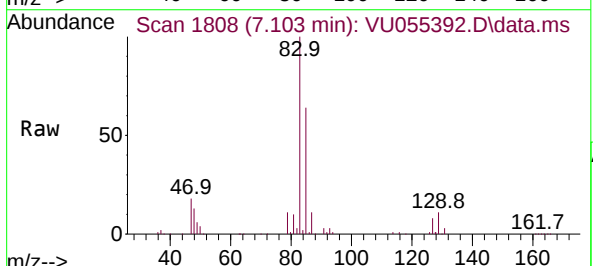
Instrument :
MSVOA_U
ClientSampleId :

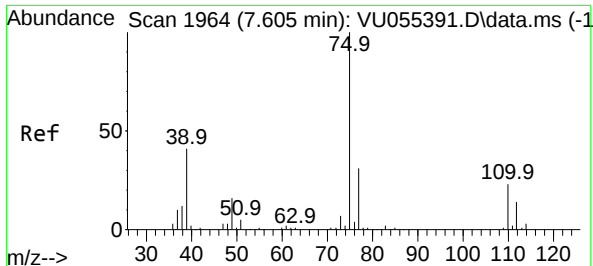
Tgt Ion: 63 Resp: 201789
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.6



#38
Bromodichloromethane
Concen: 8.682 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

Tgt Ion: 83 Resp: 242973
Ion Ratio Lower Upper
83 100
85 64.0 46.8 86.8
127 8.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 9.028 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

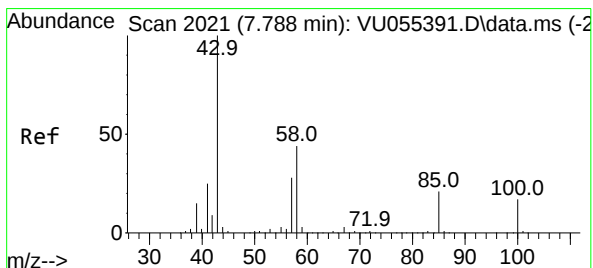
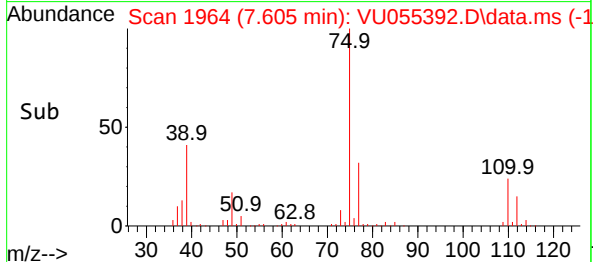
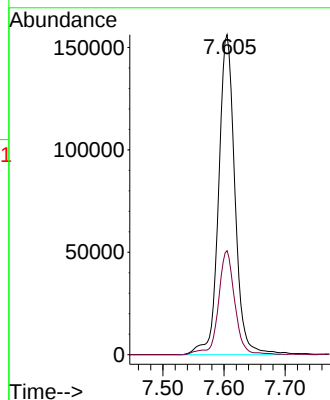
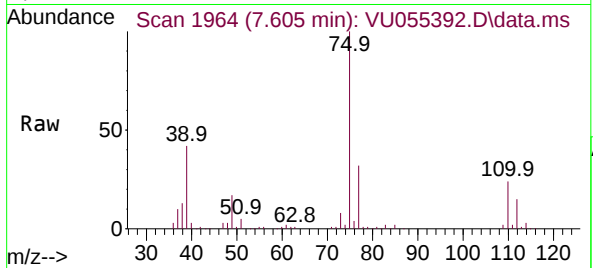
ClientSampleId :

Tgt Ion: 75 Resp: 289401

Ion Ratio Lower Upper

75 100

77 32.5 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 86.775 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

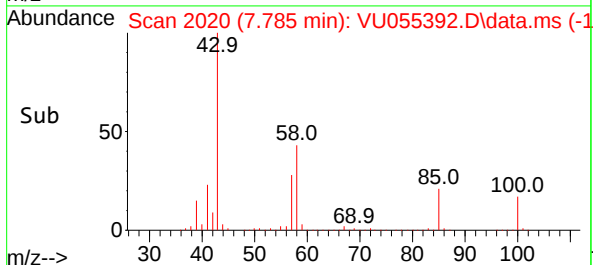
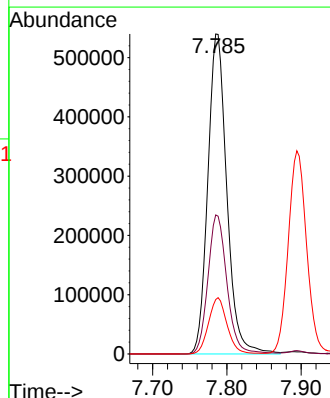
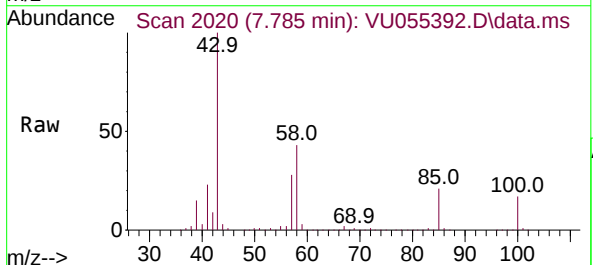
Tgt Ion: 43 Resp: 957334

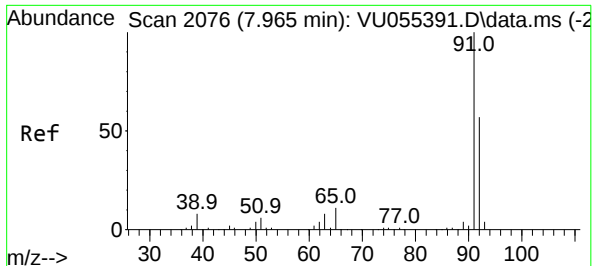
Ion Ratio Lower Upper

43 100

58 43.6 34.2 51.4

100 17.2 13.4 20.0





#42

Toluene

Concen: 8.834 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

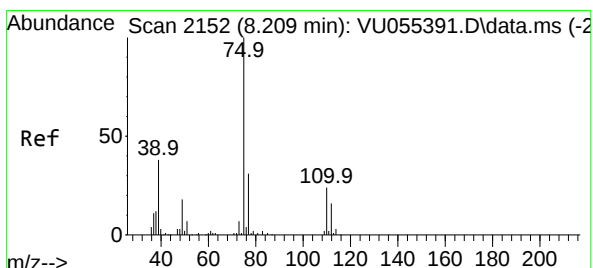
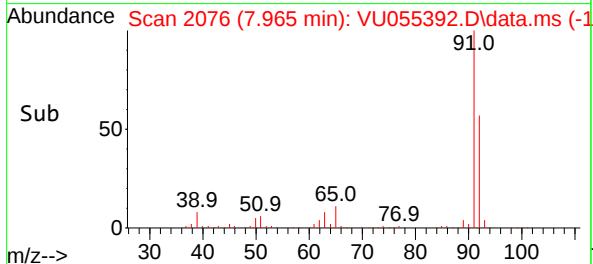
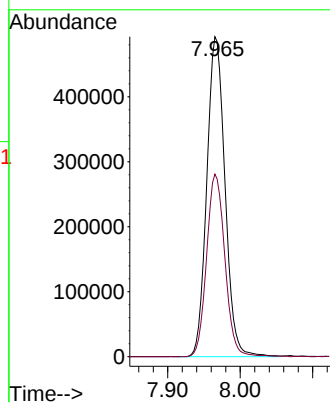
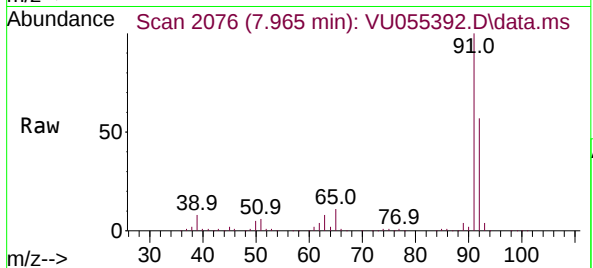
ClientSampleId :

Tgt Ion: 91 Resp: 859131

Ion Ratio Lower Upper

91 100

92 57.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 9.166 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.003 min

Lab File: VU055392.D

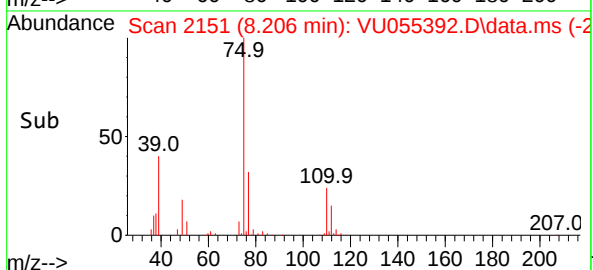
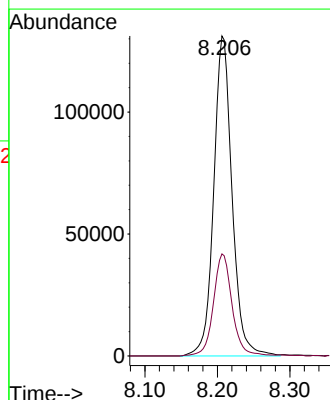
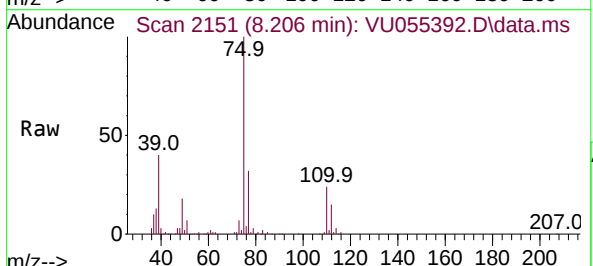
Acq: 19 Sep 2023 14:53

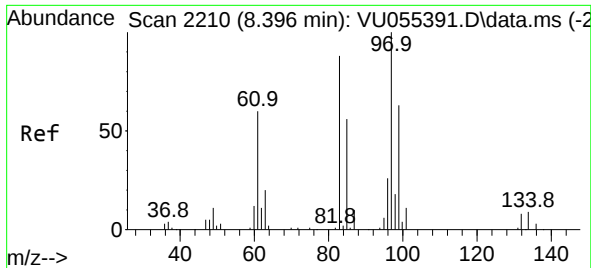
Tgt Ion: 75 Resp: 230344

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4

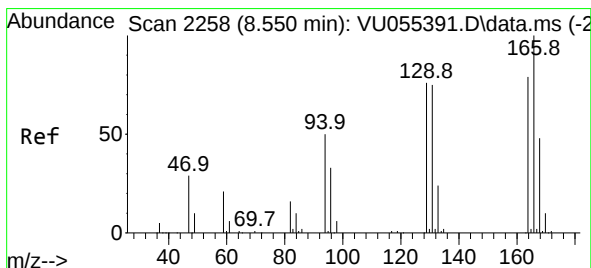
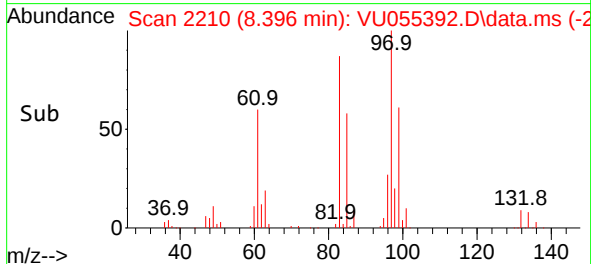
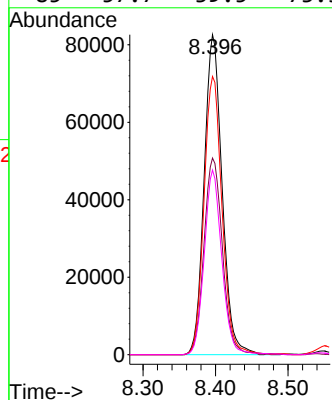
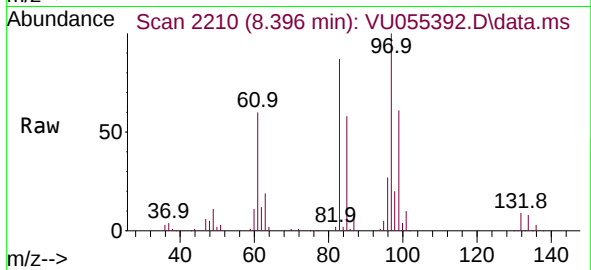




#45
1,1,2-Trichloroethane
Concen: 8.701 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

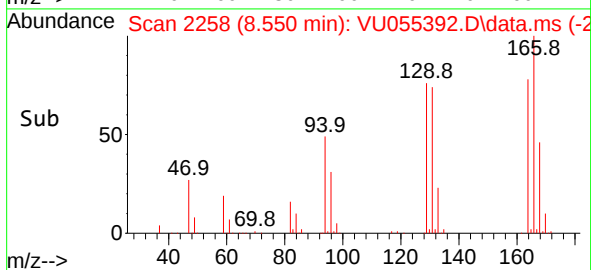
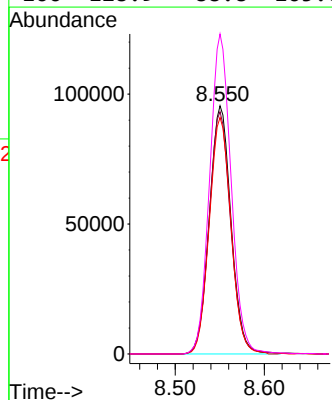
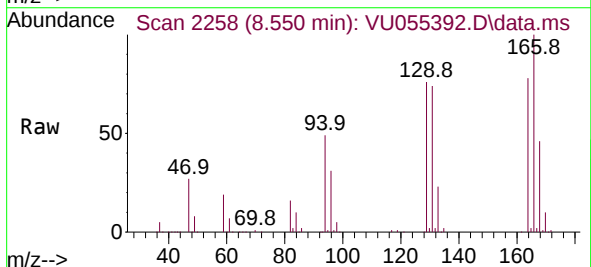
Instrument :
MSVOA_U
ClientSampleId :

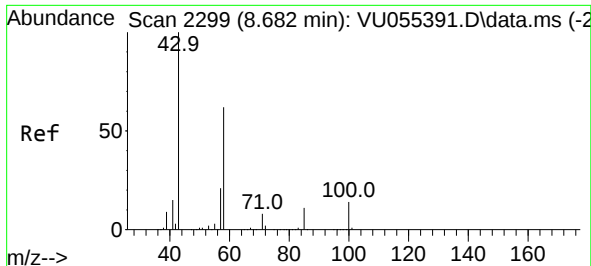
Tgt Ion:	97	Resp:	142655
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.1	81.9
83	87.0	61.5	114.1
85	57.7	39.5	73.3



#47
Tetrachloroethene
Concen: 9.096 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

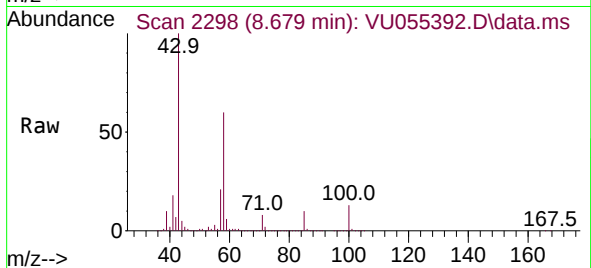
Tgt Ion:	164	Resp:	161448
Ion	Ratio	Lower	Upper
164	100		
129	97.6	67.4	125.2
131	95.3	66.4	123.2
166	128.9	88.8	165.0



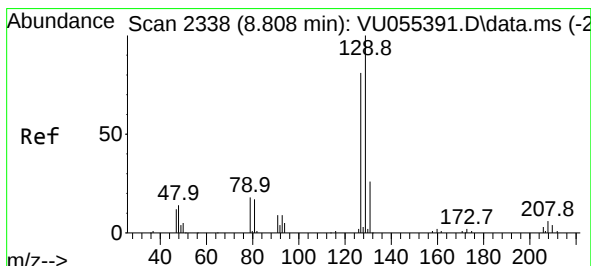
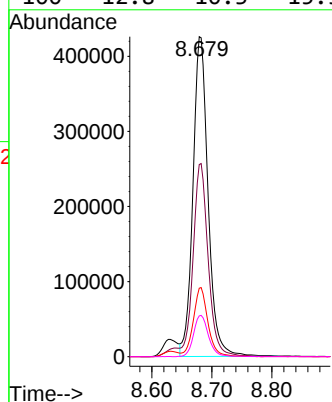
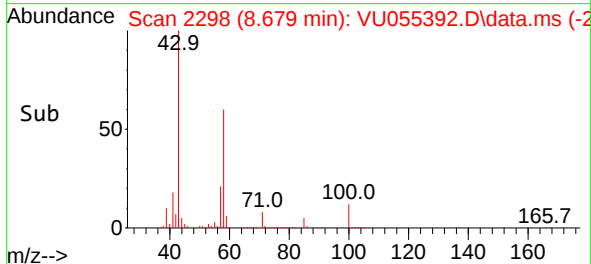


#48
2-Hexanone
Concen: 90.082 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

Instrument :
MSVOA_U
ClientSampleId :

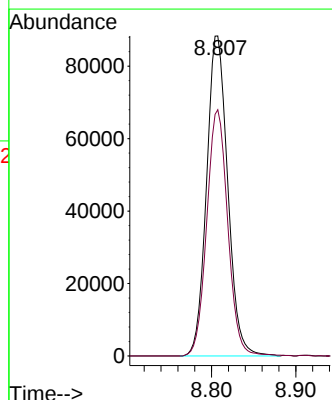
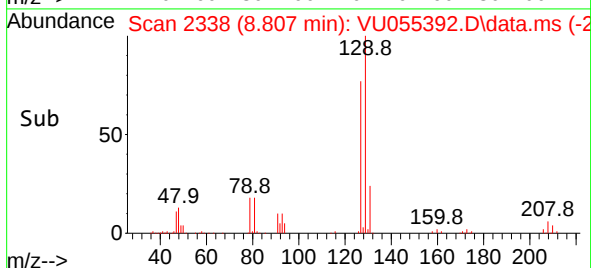
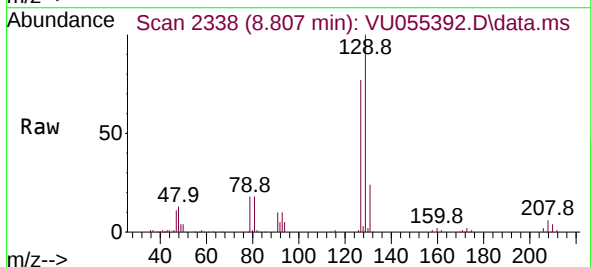


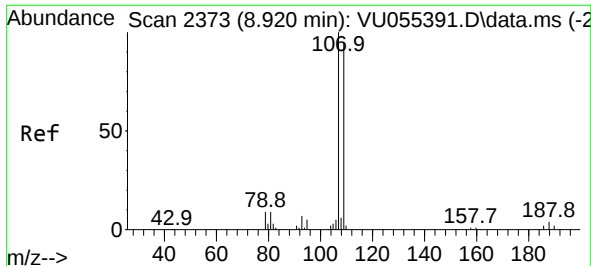
Tgt Ion: 43 Resp: 748533
Ion Ratio Lower Upper
43 100
58 62.6 48.5 72.7
57 21.1 17.0 25.4
100 12.8 10.3 15.5



#49
Dibromochloromethane
Concen: 9.208 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

Tgt Ion: 129 Resp: 154341
Ion Ratio Lower Upper
129 100
127 77.0 56.8 105.6





#50

1,2-Dibromoethane

Concen: 8.783 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

ClientSampleId :

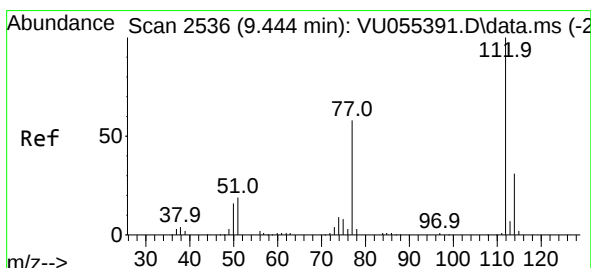
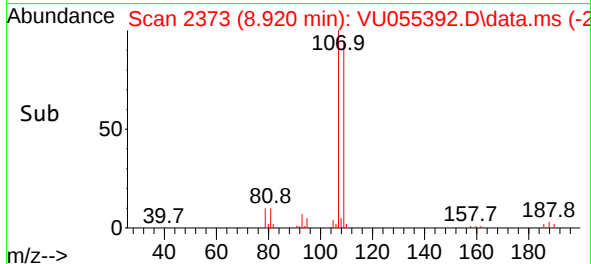
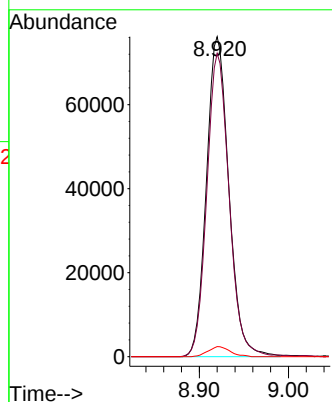
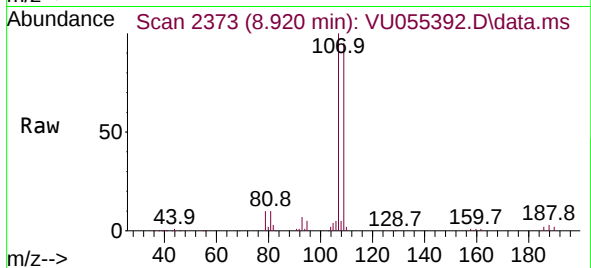
Tgt Ion:107 Resp: 133003

Ion Ratio Lower Upper

107 100

109 94.8 66.1 122.8

188 3.1 3.2 4.8#



#51

Chlorobenzene

Concen: 8.476 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

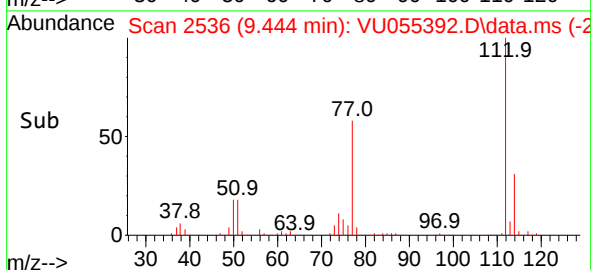
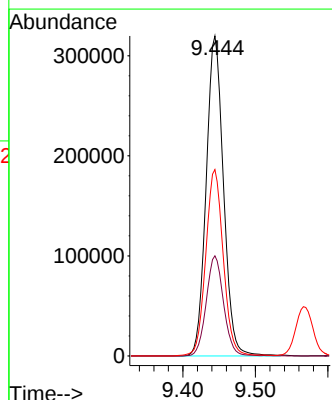
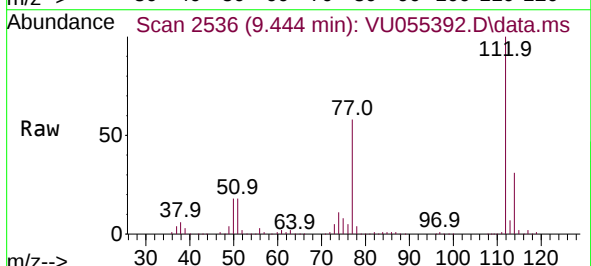
Tgt Ion:112 Resp: 531793

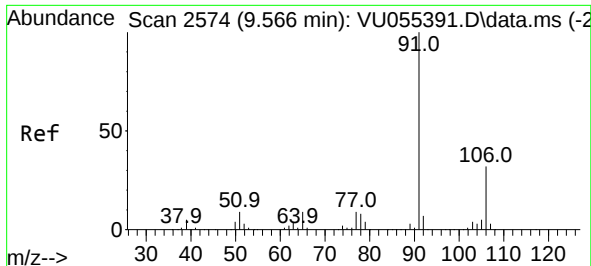
Ion Ratio Lower Upper

112 100

114 31.3 22.0 40.8

77 58.3 46.9 70.3

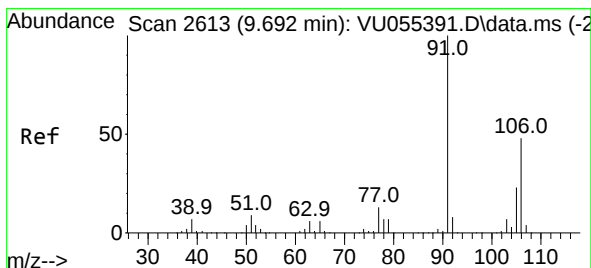
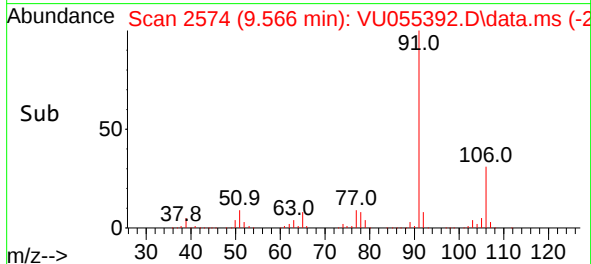
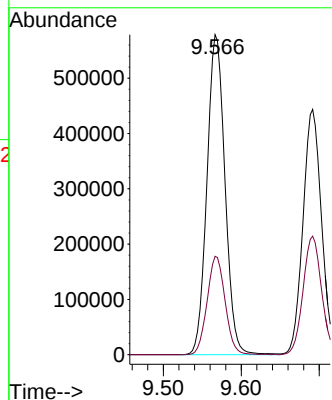
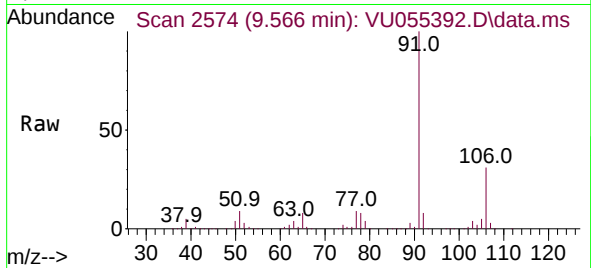




#52
Ethylbenzene
Concen: 8.767 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

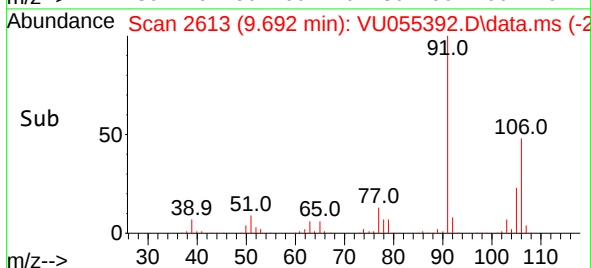
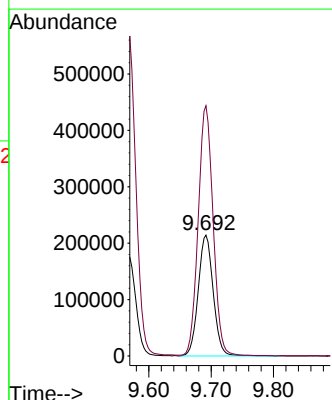
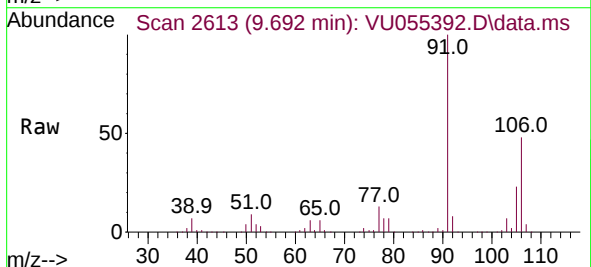
Instrument :
MSVOA_U
ClientSampleId :

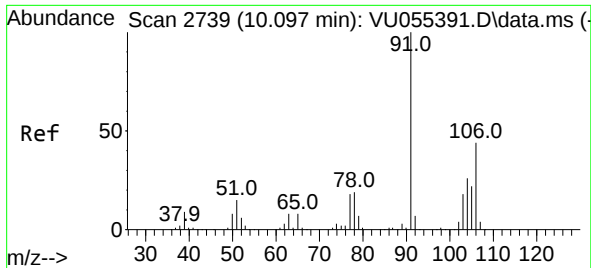
Tgt Ion: 91 Resp: 929531
Ion Ratio Lower Upper
91 100
106 30.8 22.4 41.6



#53
m,p-Xylene
Concen: 8.927 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

Tgt Ion: 106 Resp: 357527
Ion Ratio Lower Upper
106 100
91 207.0 144.8 269.0

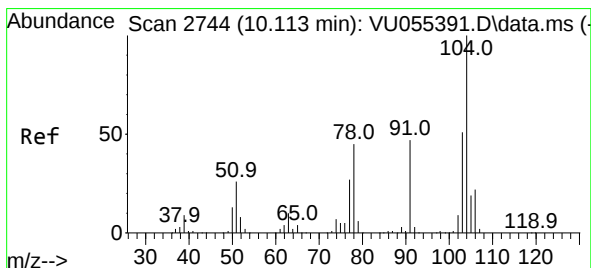
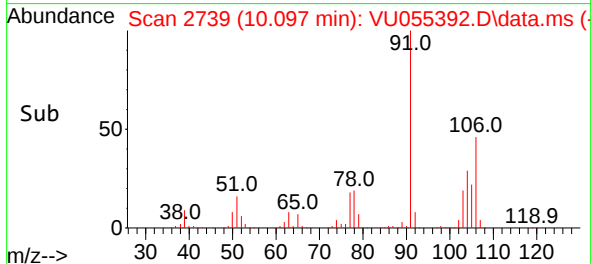
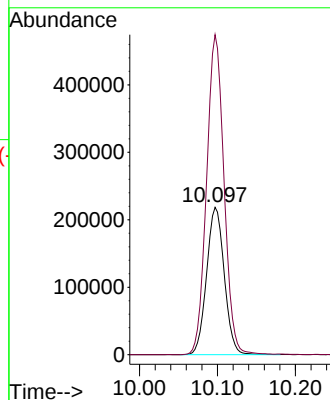
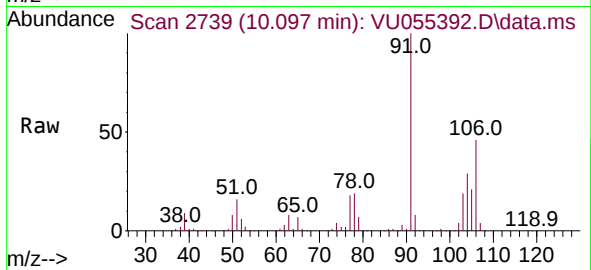




#54
o-Xylene
Concen: 9.097 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

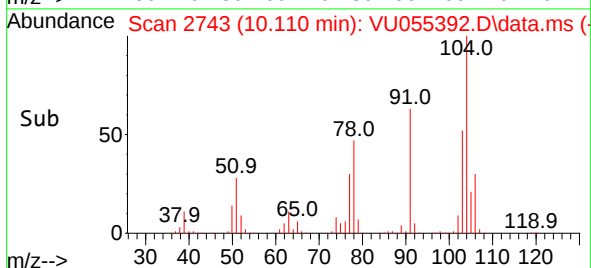
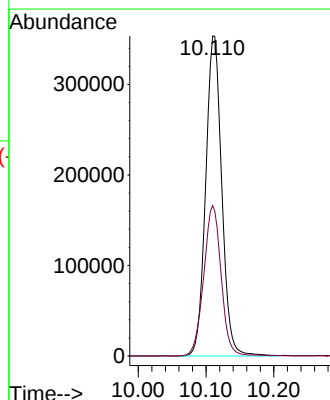
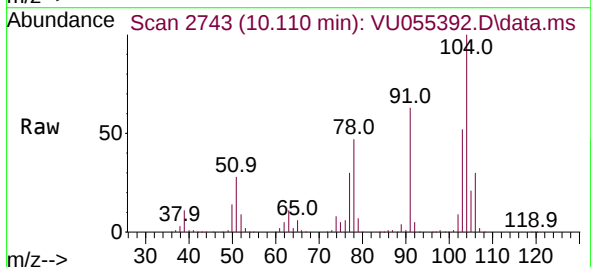
Instrument :
MSVOA_U
ClientSampleId :

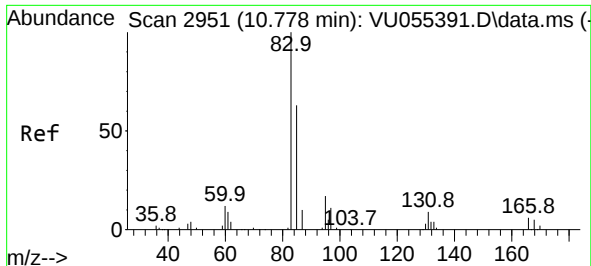
Tgt Ion:106 Resp: 344857
Ion Ratio Lower Upper
106 100
91 217.1 157.6 292.8



#55
Styrene
Concen: 9.176 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU055392.D
Acq: 19 Sep 2023 14:53

Tgt Ion:104 Resp: 583378
Ion Ratio Lower Upper
104 100
78 47.0 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 9.170 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

ClientSampleId :

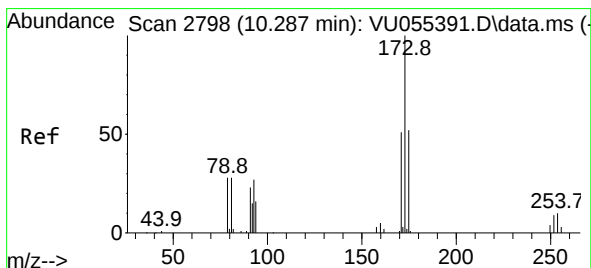
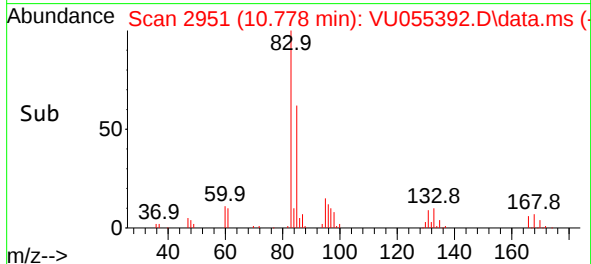
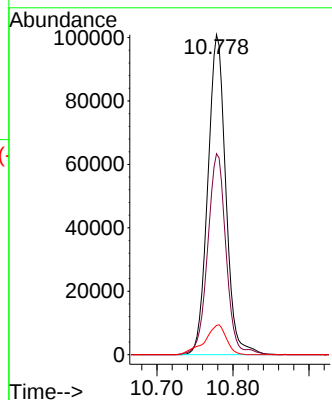
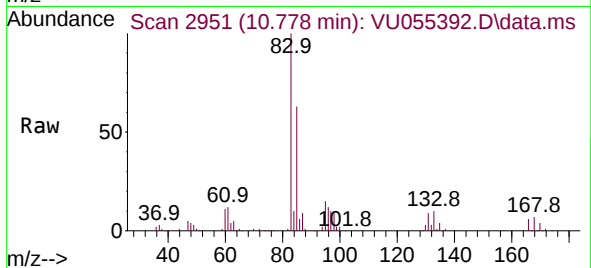
Tgt Ion: 83 Resp: 165061

Ion Ratio Lower Upper

83 100

85 62.8 44.4 82.5

131 9.2 7.4 11.2



#59

Bromoform

Concen: 9.139 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

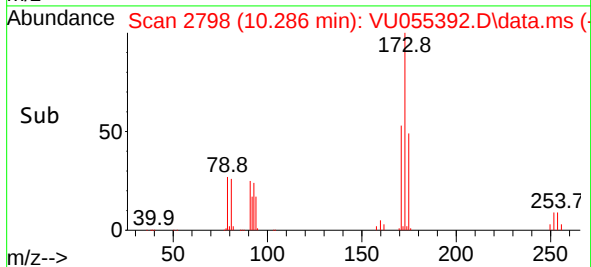
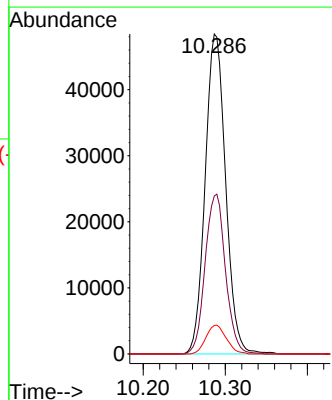
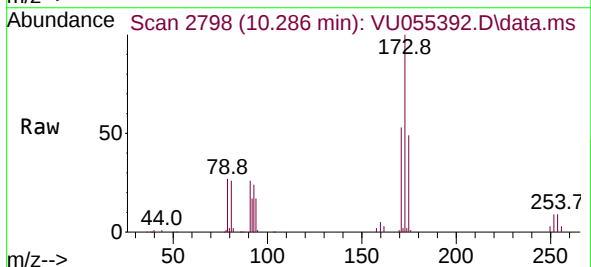
Tgt Ion: 173 Resp: 83897

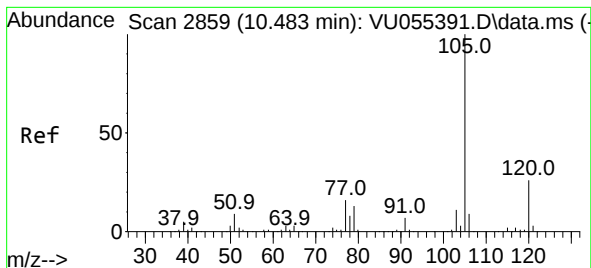
Ion Ratio Lower Upper

173 100

175 49.6 39.4 59.2

254 8.9 7.3 10.9





#60

Isopropylbenzene

Concen: 8.297 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

ClientSampleId :

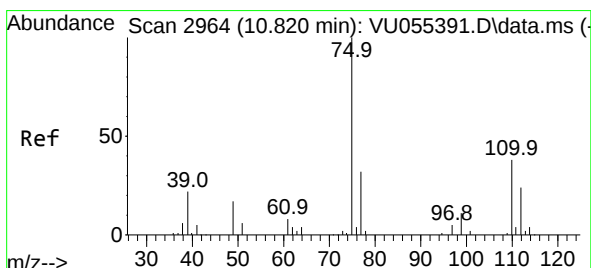
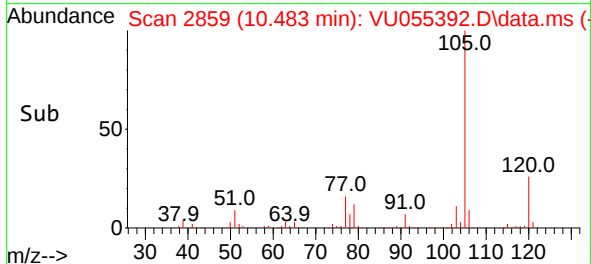
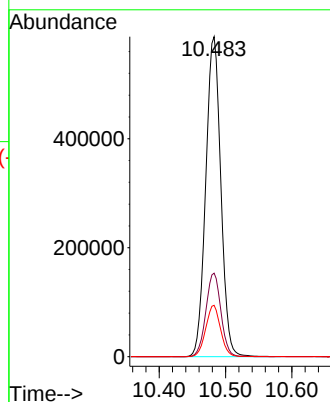
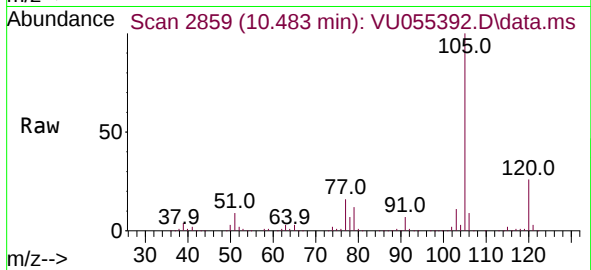
Tgt Ion:105 Resp: 925131

Ion Ratio Lower Upper

105 100

120 26.2 20.8 31.2

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 7.761 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

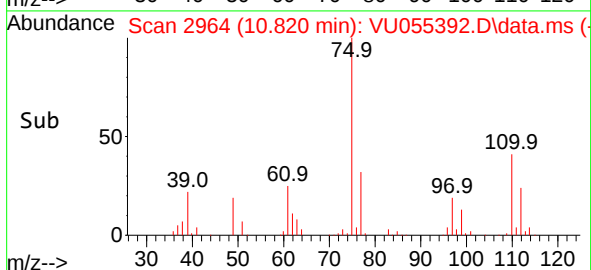
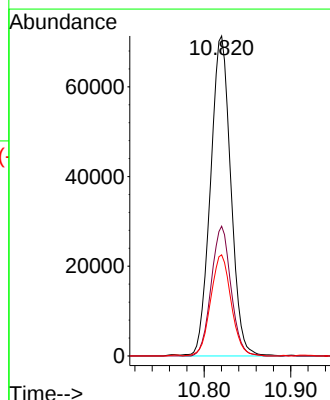
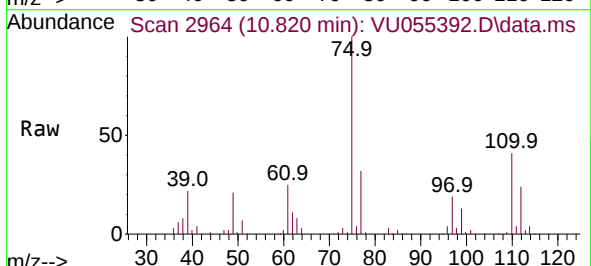
Tgt Ion: 75 Resp: 116209

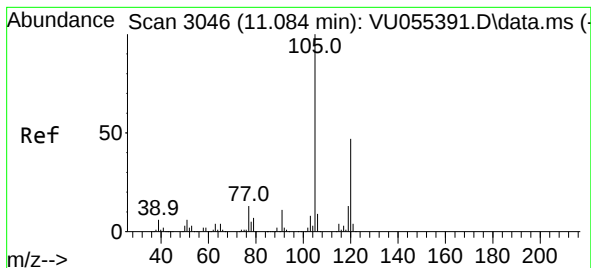
Ion Ratio Lower Upper

75 100

110 39.4 30.6 45.8

77 32.0 26.7 40.1





#62

1,3,5-Trimethylbenzene

Concen: 8.852 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

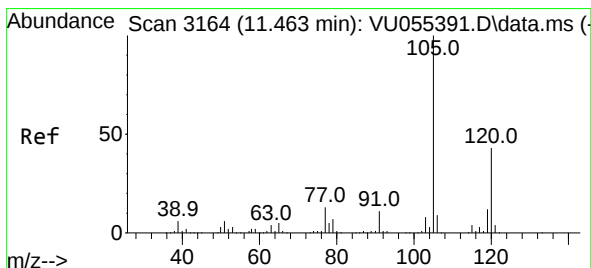
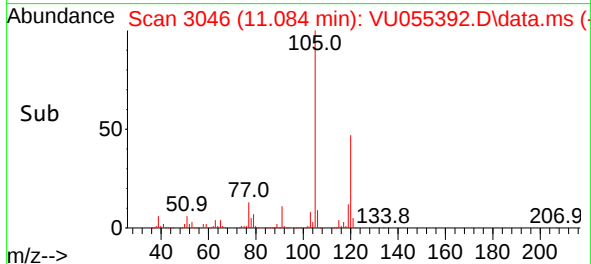
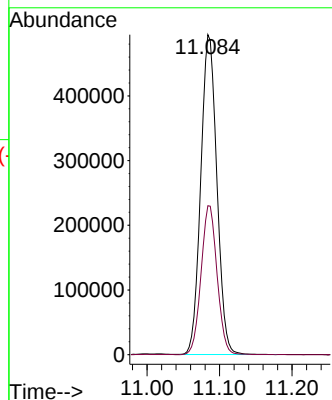
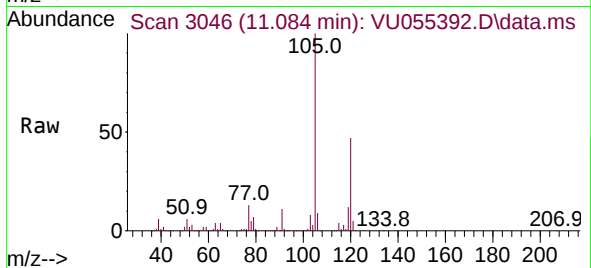
ClientSampleId :

Tgt Ion:105 Resp: 761740

Ion Ratio Lower Upper

105 100

120 46.3 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 8.555 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU055392.D

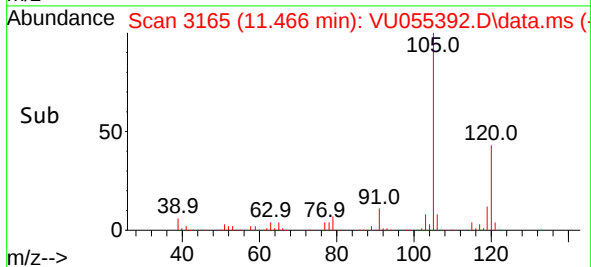
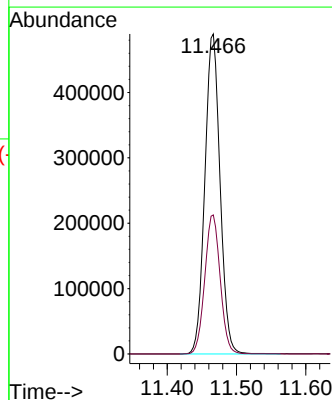
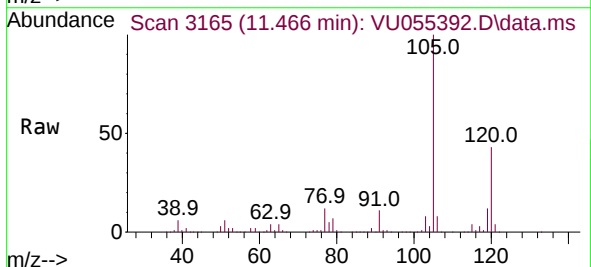
Acq: 19 Sep 2023 14:53

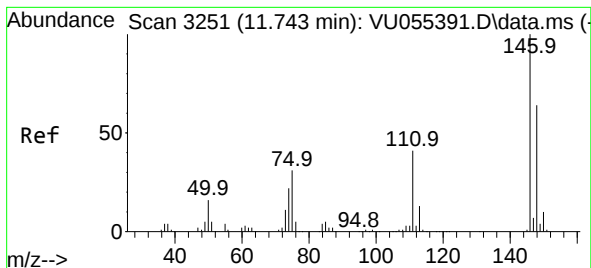
Tgt Ion:105 Resp: 743742

Ion Ratio Lower Upper

105 100

120 44.1 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 8.211 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

ClientSampleId :

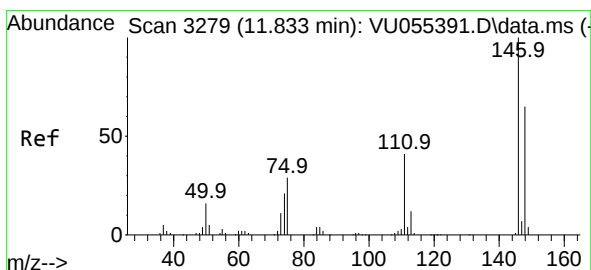
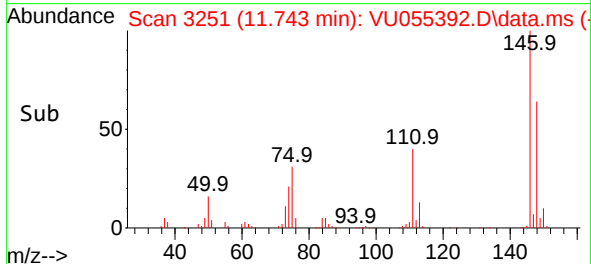
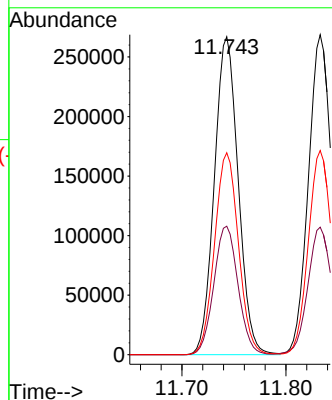
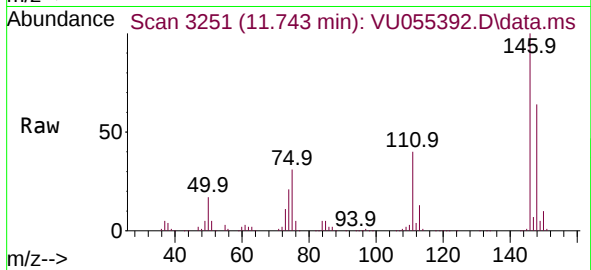
Tgt Ion:146 Resp: 426207

Ion Ratio Lower Upper

146 100

111 40.4 28.8 53.6

148 63.5 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 8.401 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

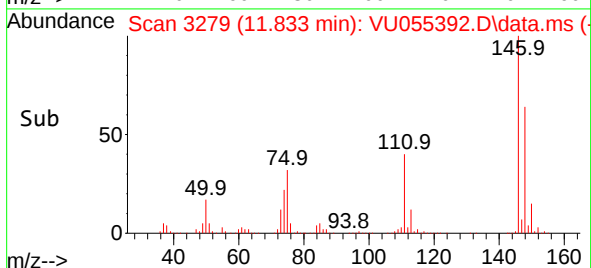
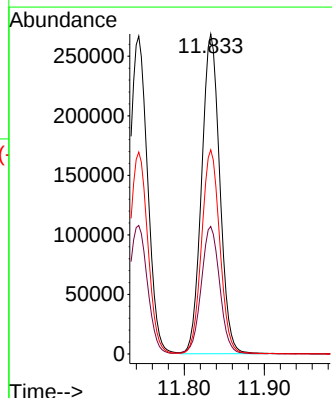
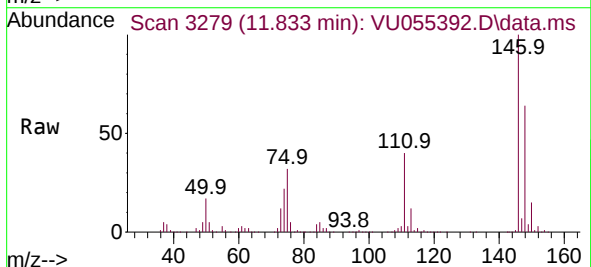
Tgt Ion:146 Resp: 424965

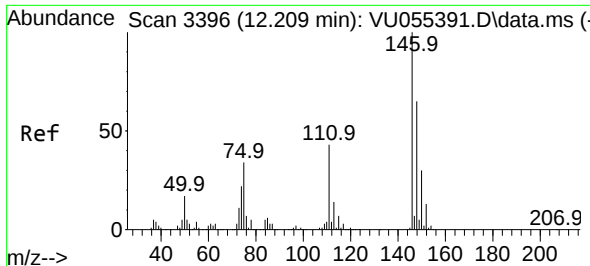
Ion Ratio Lower Upper

146 100

111 39.9 29.0 53.8

148 63.8 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 8.422 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

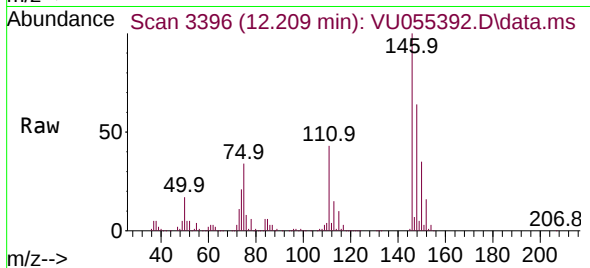
Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

ClientSampleId :



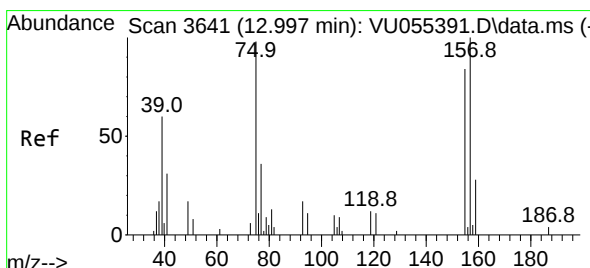
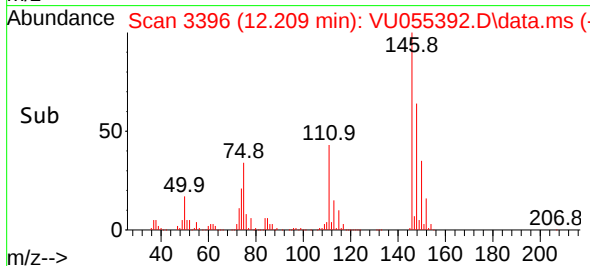
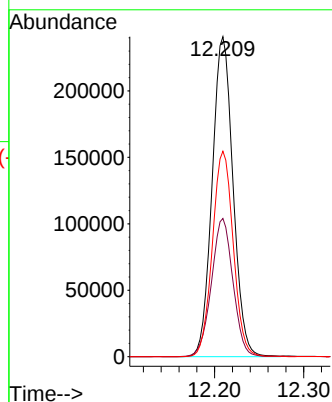
Tgt Ion:146 Resp: 391869

Ion Ratio Lower Upper

146 100

111 43.2 34.6 52.0

148 64.2 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 9.171 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.003 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

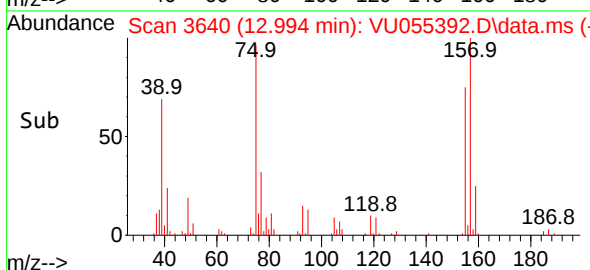
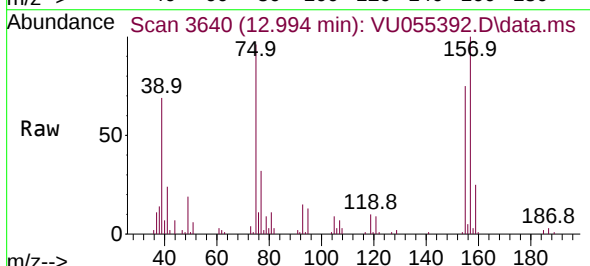
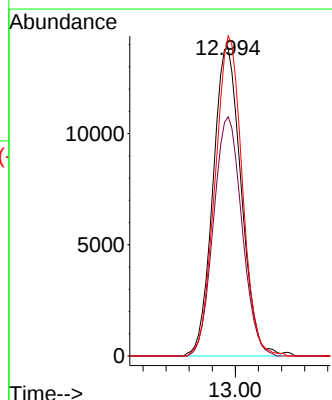
Tgt Ion: 75 Resp: 23529

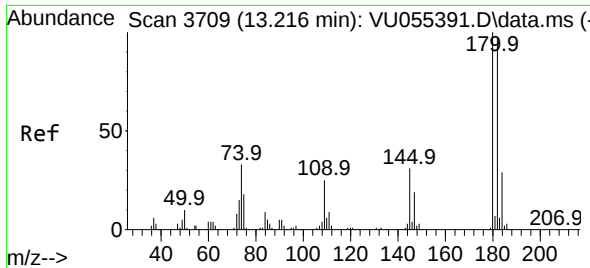
Ion Ratio Lower Upper

75 100

155 77.8 69.2 103.8

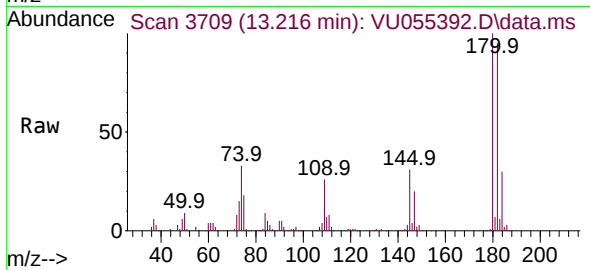
157 104.1 81.9 122.9



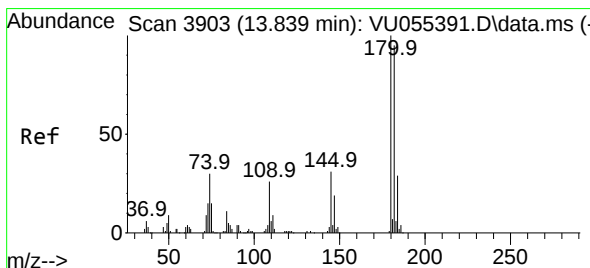
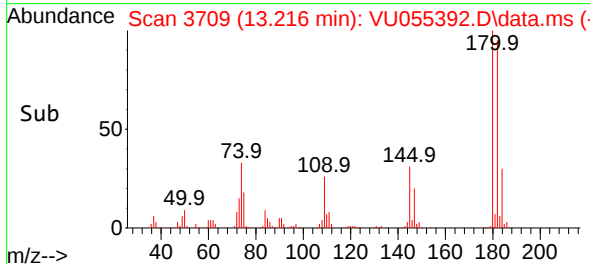
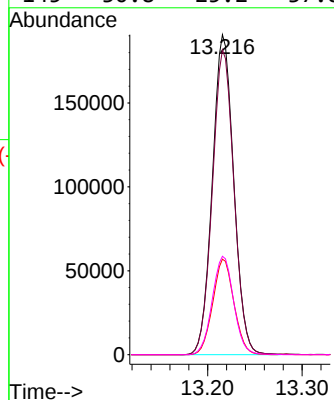


#69
 1,3,5-Trichlorobenzene
 Concen: 8.411 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU055392.D
 Acq: 19 Sep 2023 14:53

Instrument :
 MSVOA_U
 ClientSampleId :

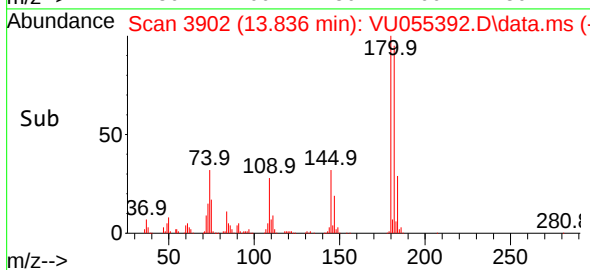
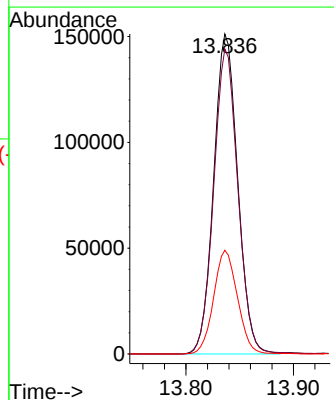
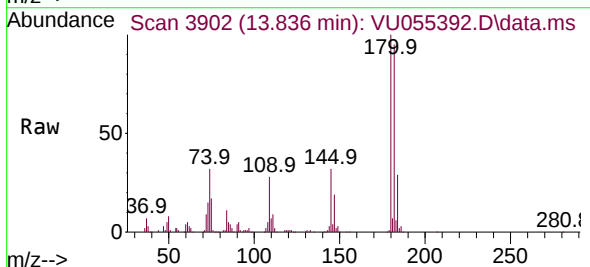


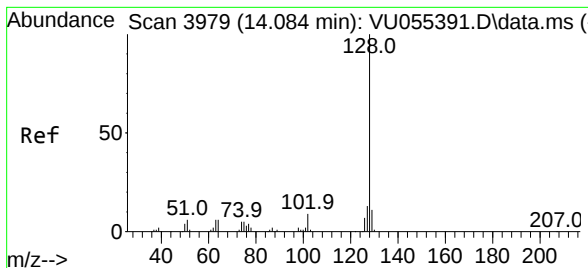
Tgt Ion:180 Resp: 299249
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.1 115.7
 184 29.6 24.0 36.0
 145 30.8 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 8.514 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.003 min
 Lab File: VU055392.D
 Acq: 19 Sep 2023 14:53

Tgt Ion:180 Resp: 234388
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.4 114.6
 145 32.2 25.4 38.0





#71

Naphthalene

Concen: 8.882 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_U

ClientSampleId :

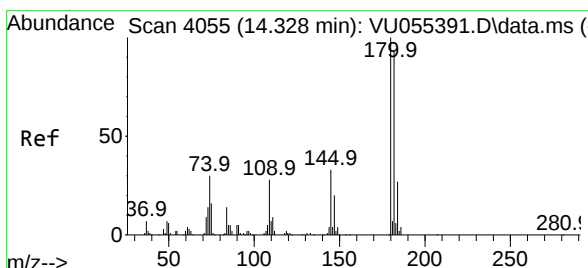
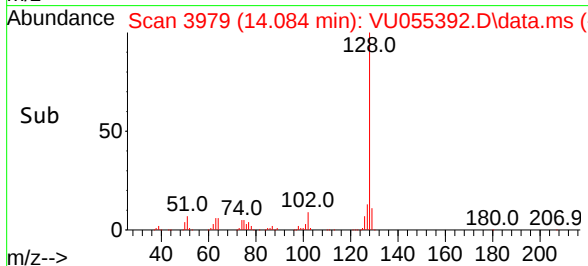
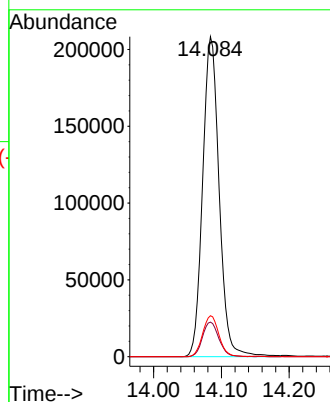
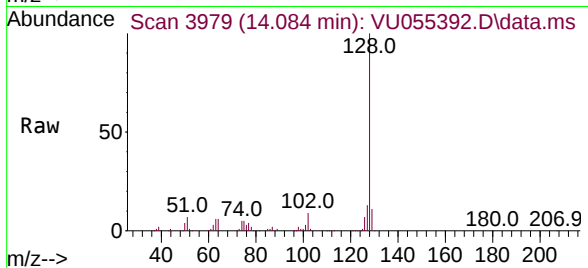
Tgt Ion:128 Resp: 352435

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 12.6 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 8.682 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.003 min

Lab File: VU055392.D

Acq: 19 Sep 2023 14:53

Tgt Ion:180 Resp: 208453

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 33.4 26.0 39.0

