

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055036.D
 Acq On : 01 Sep 2023 12:53
 Operator : MD/SY
 Sample : VSTD0.549
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:21:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:21:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	204477	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.419	117	202680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	103429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	4181	0.593	ug/L	0.00
7) Chloroethane-d5	1.908	69	4180	0.468	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.564	65	2346	0.585	ug/L	0.00
20) 2-Butanone-d5	4.650	46	7189	2.127	ug/L	0.02
24) Chloroform-d	5.065	84	10335	0.425	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	5365	0.420	ug/L	0.00
32) Benzene-d6	5.728	84	20450	0.436	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.692	67	6771	0.423	ug/L	0.00
41) Toluene-d8	7.898	98	18943	0.426	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.187	79	1578	0.308	ug/L	0.00
46) 2-Hexanone-d5	8.641	63	5703	2.384	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.756	84	4652	0.349	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.197	152	7433	0.457	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	5148	0.407	ug/L	96
3) Chloromethane	1.519	50	5796	0.441	ug/L	99
5) Vinyl chloride	1.599	62	5928	0.438	ug/L	99
6) Bromomethane	1.856	94	3570	0.423	ug/L	80
8) Chloroethane	1.930	64	3925	0.439	ug/L	92
9) Trichlorofluoromethane	2.136	101	8441	0.435	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	4935	0.462	ug/L	99
12) 1,1-Dichloroethene	2.577	96	4454	0.478	ug/L	91
13) Acetone	2.638	43	9093	4.762	ug/L	97
14) Carbon disulfide	2.789	76	11333	0.451	ug/L	99
15) Methyl Acetate	2.966	43	1741	0.453	ug/L #	66
16) Methylene chloride	3.043	84	9888	0.673	ug/L	99
17) Methyl tert-butyl Ether	3.364	73	10510	0.393	ug/L #	88
18) trans-1,2-Dichloroethene	3.351	96	4290	0.426	ug/L	75
19) 1,1-Dichloroethane	3.866	63	9215	0.435	ug/L	89
21) 2-Butanone	4.827	43	345	0.118	ug/L	90
22) cis-1,2-Dichloroethene	4.667	96	5539	0.466	ug/L	86
23) Bromochloromethane	4.972	128	2036	0.394	ug/L	78
25) Chloroform	5.088	83	9178	0.396	ug/L	100
27) 1,2-Dichloroethane	5.798	62	5749	0.406	ug/L #	94
29) 1,1,1-Trichloroethane	5.316	97	7370	0.371	ug/L	96
30) Cyclohexane	5.384	56	6946	0.398	ug/L #	95
31) Carbon tetrachloride	5.528	117	6382	0.379	ug/L	100
33) Benzene	5.773	78	19087	0.403	ug/L	100
34) Trichloroethene	6.544	95	5682	0.436	ug/L	95
35) Methylcyclohexane	6.760	83	6951	0.362	ug/L	92
37) 1,2-Dichloropropane	6.792	63	4827	0.365	ug/L #	89
38) Bromodichloromethane	7.104	83	5903	0.364	ug/L	97
39) cis-1,3-Dichloropropene	7.609	75	6409	0.342	ug/L	95
40) 4-Methyl-2-pentanone	7.795	43	31046	4.226	ug/L	98
42) Toluene	7.969	91	19810	0.381	ug/L	96
44) trans-1,3-Dichloropropene	8.213	75	4352	0.283	ug/L	98

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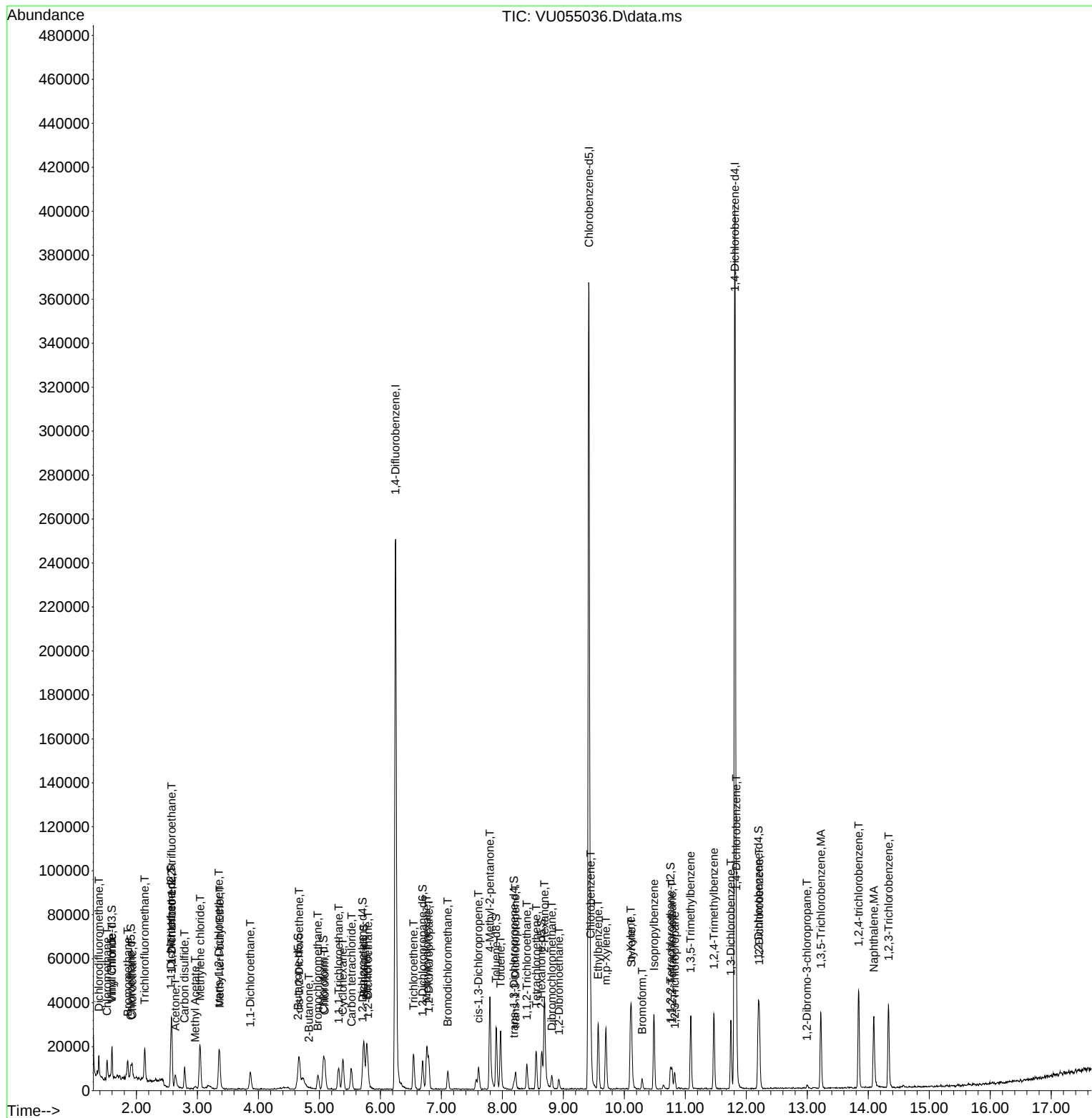
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

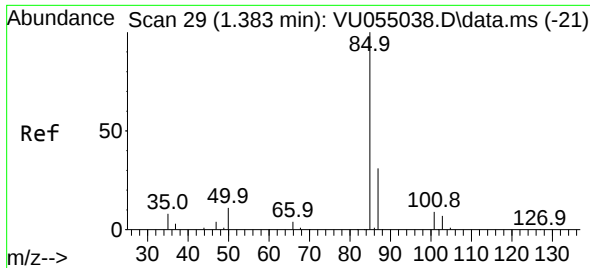
45) 1,1,2-Trichloroethane	8.399	97	3284	0.374	ug/L	93
47) Tetrachloroethene	8.557	164	3546	0.379	ug/L	84
48) 2-Hexanone	8.689	43	28603	5.235	ug/L #	98
49) Dibromochloromethane	8.808	129	3608	0.352	ug/L	90
50) 1,2-Dibromoethane	8.927	107	3140	0.370	ug/L #	97
51) Chlorobenzene	9.448	112	14197	0.417	ug/L #	89
52) Ethylbenzene	9.570	91	21927	0.374	ug/L	100
53) m,p-Xylene	9.695	106	8343	0.381	ug/L	77
54) o-Xylene	10.104	106	7924	0.375	ug/L	99
55) Styrene	10.116	104	13135	0.378	ug/L	89
57) 1,1,2,2-Tetrachloroethane	10.782	83	4056	0.366	ug/L	80
59) Bromoform	10.290	173	1846	0.370	ug/L #	89
60) Isopropylbenzene	10.486	105	23087	0.428	ug/L	100
61) 1,2,3-Trichloropropane	10.827	75	3567	0.469	ug/L	94
62) 1,3,5-Trimethylbenzene	11.088	105	18594	0.404	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	20143	0.472	ug/L	96
64) 1,3-Dichlorobenzene	11.747	146	12484	0.494	ug/L	96
65) 1,4-Dichlorobenzene	11.837	146	13004	0.517	ug/L	96
67) 1,2-Dichlorobenzene	12.213	146	12048	0.526	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	12.991	75	608	0.420	ug/L #	59
69) 1,3,5-Trichlorobenzene	13.222	180	10418	0.615	ug/L	95
70) 1,2,4-trichlorobenzene	13.840	180	13251	0.990	ug/L	97
71) Naphthalene	14.091	128	28903	1.420	ug/L	98
72) 1,2,3-Trichlorobenzene	14.332	180	11312	1.008	ug/L	97

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

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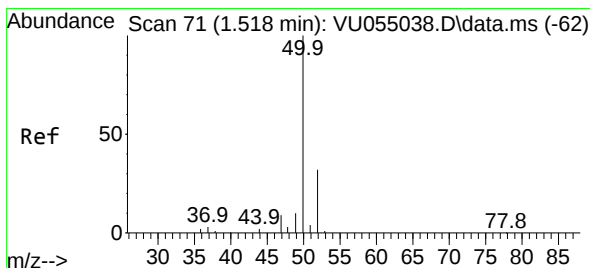
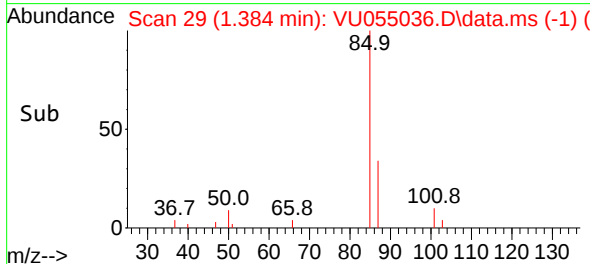
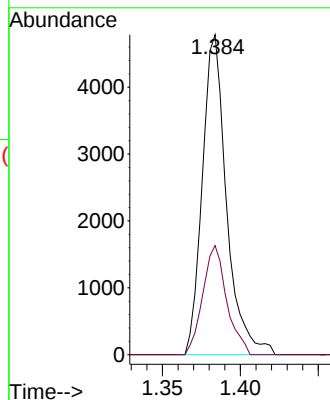
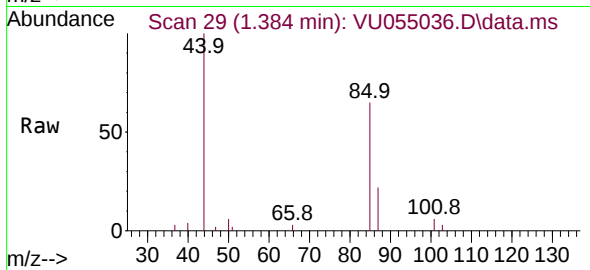




#2
 Dichlorodifluoromethane
 Concen: 0.407 ug/L
 RT: 1.384 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055036.D
 Acq: 01 Sep 2023 12:53

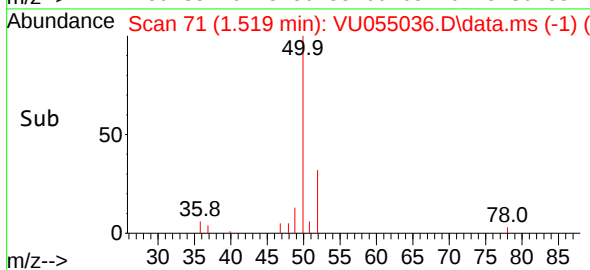
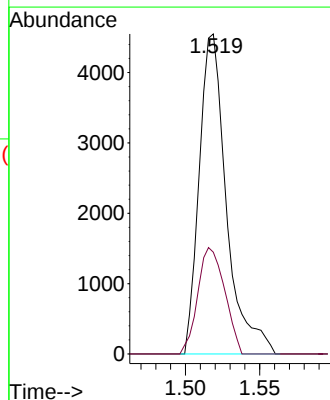
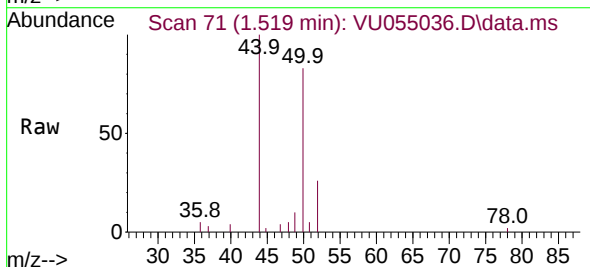
Instrument :
 MSVOA_U
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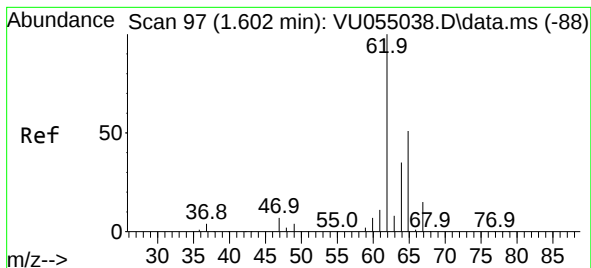
Tgt Ion: 85 Resp: 5148
 Ion Ratio Lower Upper
 85 100
 87 33.8 25.1 37.7



#3
 Chloromethane
 Concen: 0.441 ug/L
 RT: 1.519 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU055036.D
 Acq: 01 Sep 2023 12:53

Tgt Ion: 50 Resp: 5796
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.5 41.7





#5

Vinyl chloride

Concen: 0.438 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

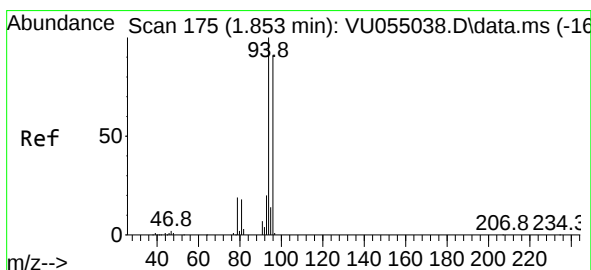
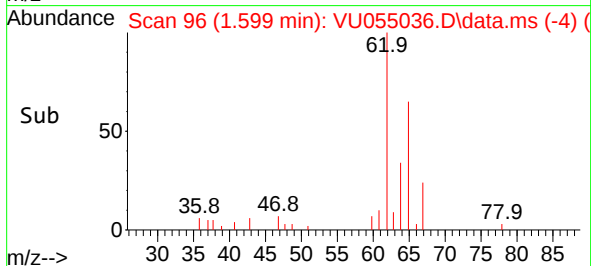
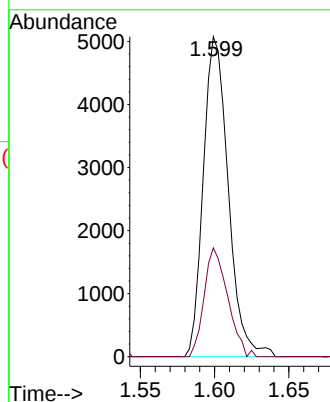
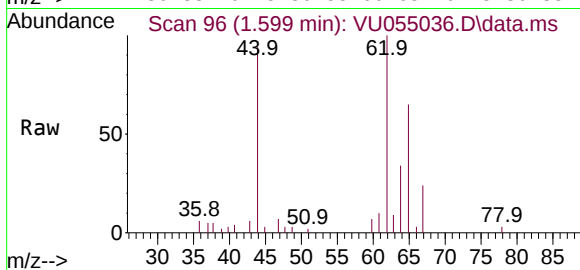
ClientSampleId :

Tgt Ion: 62 Resp: 5928

Ion Ratio Lower Upper

62 100

64 34.0 24.2 45.0



#6

Bromomethane

Concen: 0.423 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.004 min

Lab File: VU055036.D

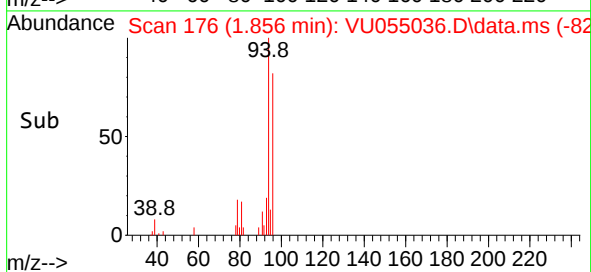
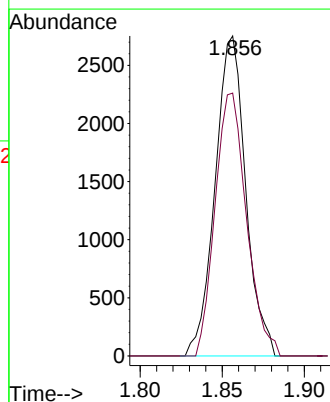
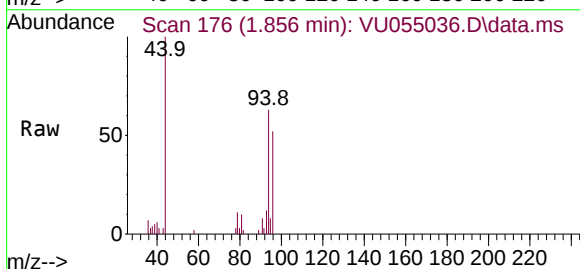
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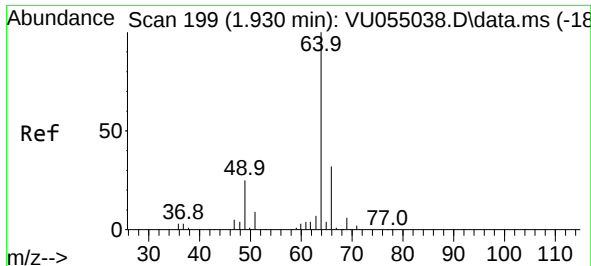
Tgt Ion: 94 Resp: 3570

Ion Ratio Lower Upper

94 100

96 72.5 63.8 118.4





#8

Chloroethane

Concen: 0.439 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

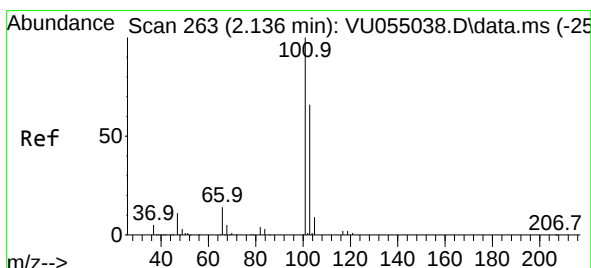
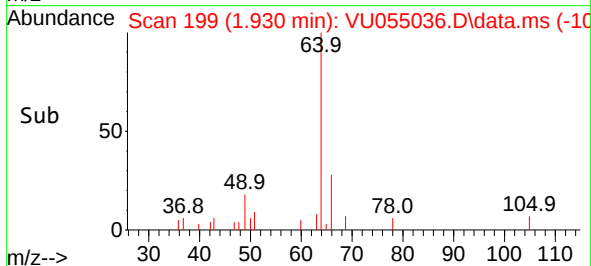
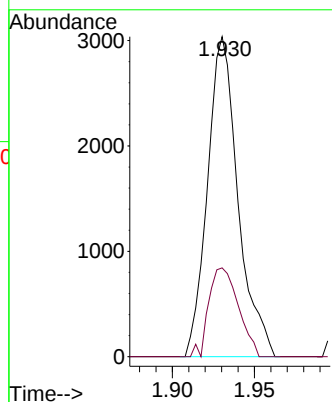
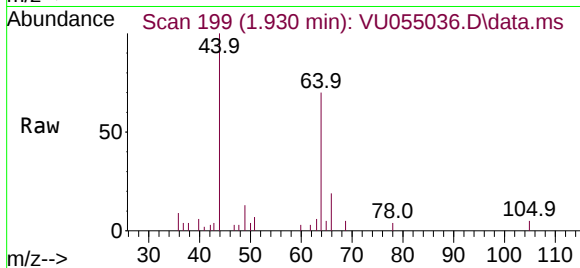
ClientSampleId :

Tgt Ion: 64 Resp: 3925

Ion Ratio Lower Upper

64 100

66 27.8 22.4 41.6



#9

Trichlorofluoromethane

Concen: 0.435 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.000 min

Lab File: VU055036.D

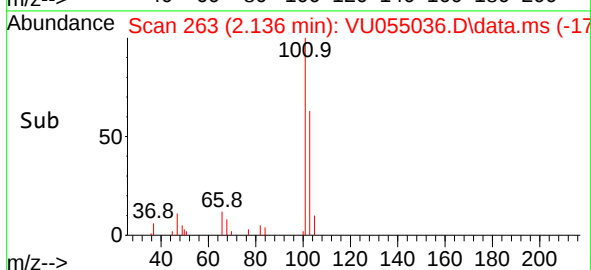
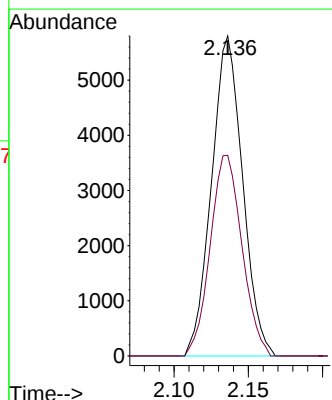
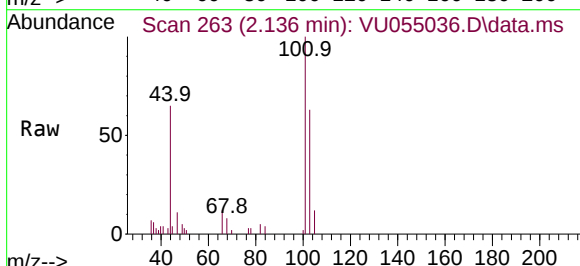
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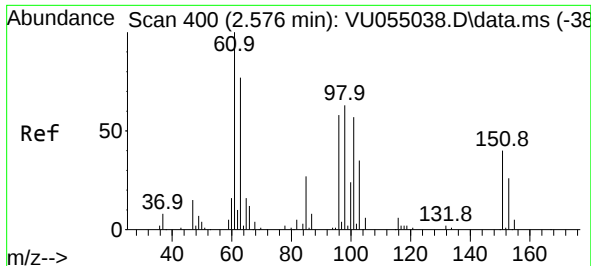
Tgt Ion:101 Resp: 8441

Ion Ratio Lower Upper

101 100

103 64.1 51.9 77.9

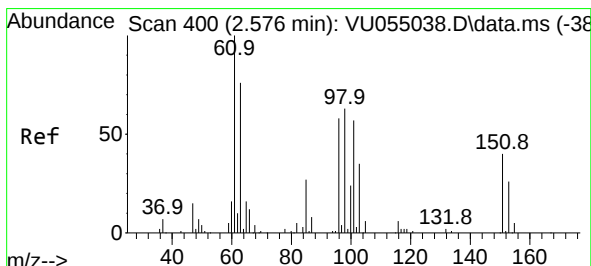
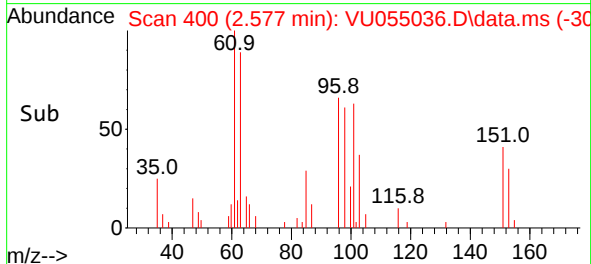
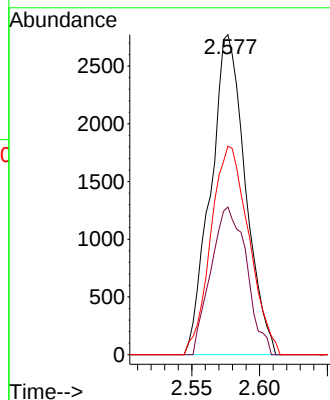
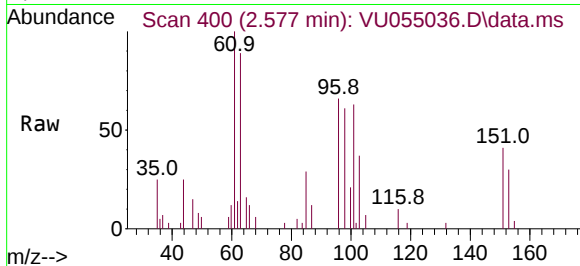




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.462 ug/L
 RT: 2.577 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055036.D
 Acq: 01 Sep 2023 12:53

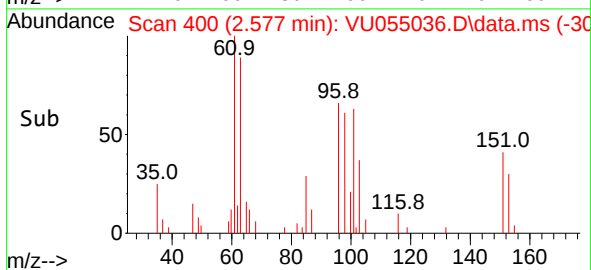
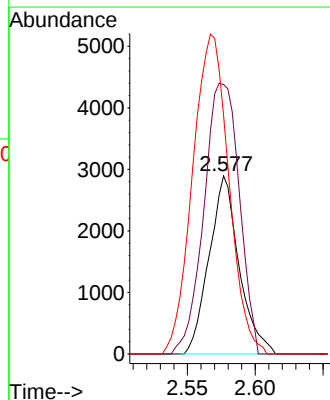
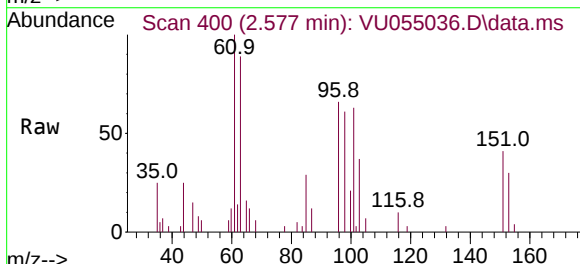
Instrument :
 MSVOA_U
 ClientSampleId :

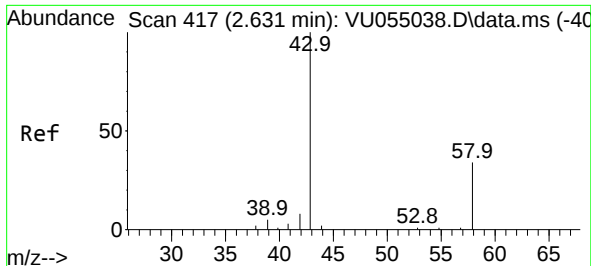
Tgt Ion:	101	Resp:	4935
Ion	Ratio	Lower	Upper
101	100		
85	47.4	37.3	55.9
151	71.5	57.6	86.4



#12
 1,1-Dichloroethene
 Concen: 0.478 ug/L
 RT: 2.577 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055036.D
 Acq: 01 Sep 2023 12:53

Tgt Ion:	96	Resp:	4454
Ion	Ratio	Lower	Upper
96	100		
61	151.3	120.8	224.4
63	134.2	94.5	175.5





#13

Acetone

Concen: 4.762 ug/L

RT: 2.638 min Scan# 41

Delta R.T. 0.007 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

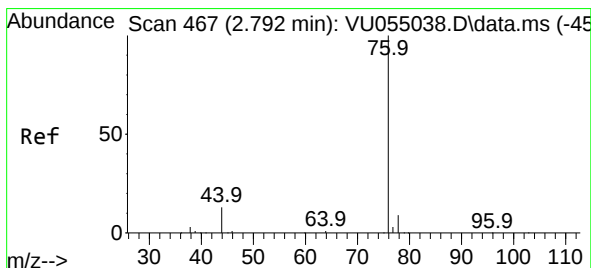
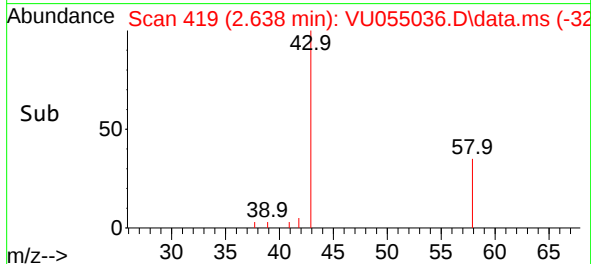
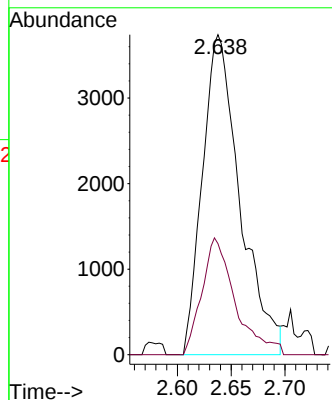
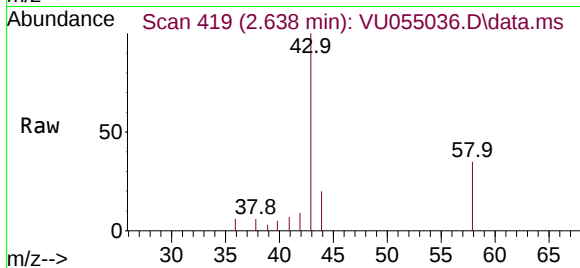
ClientSampleId :

Tgt Ion: 43 Resp: 9093

Ion Ratio Lower Upper

43 100

58 32.4 0.0 67.8



#14

Carbon disulfide

Concen: 0.451 ug/L

RT: 2.789 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU055036.D

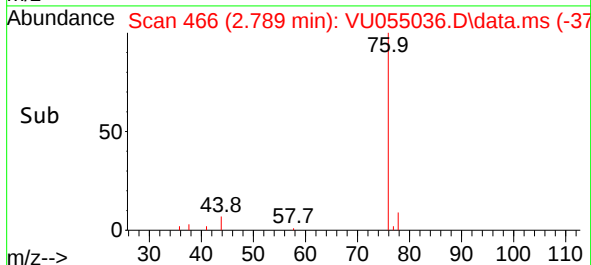
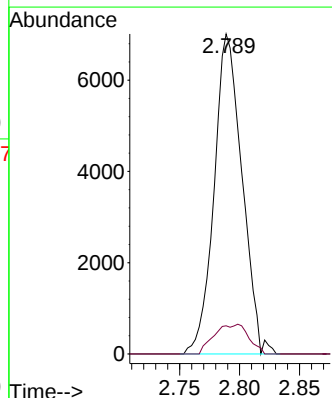
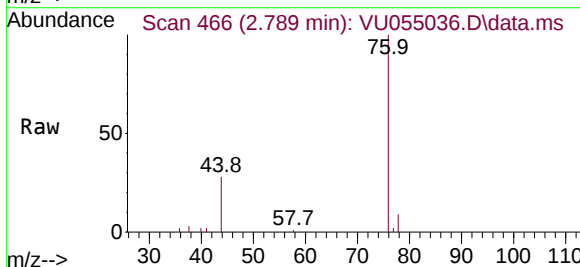
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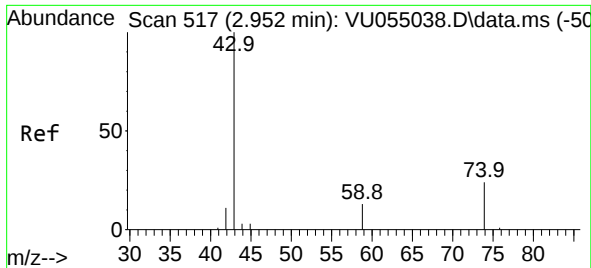
Tgt Ion: 76 Resp: 11333

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2

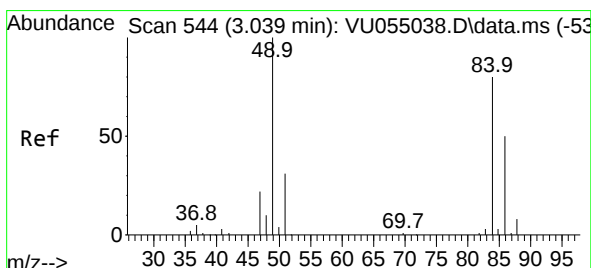
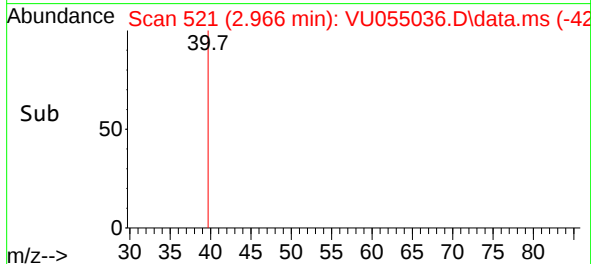
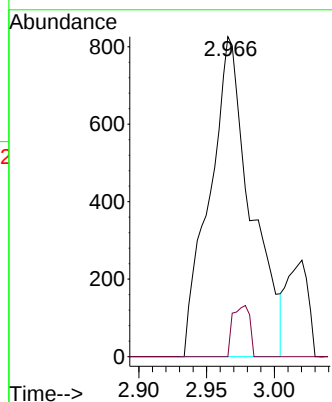
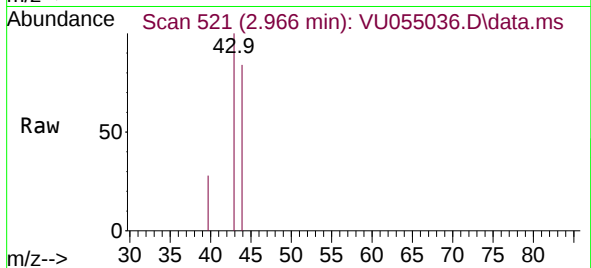




#15
Methyl Acetate
Concen: 0.453 ug/L
RT: 2.966 min Scan# 517
Delta R.T. 0.013 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

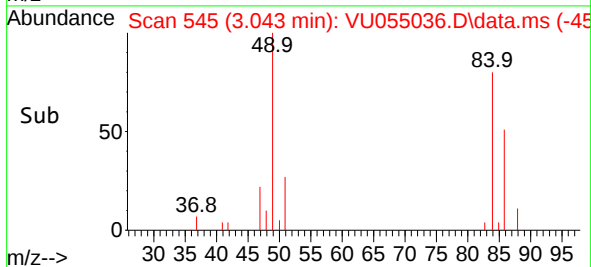
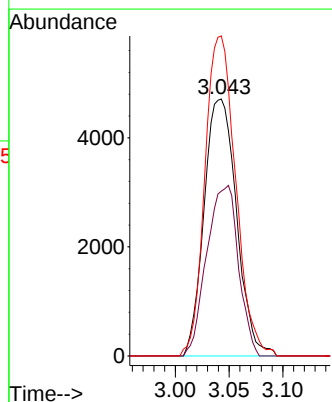
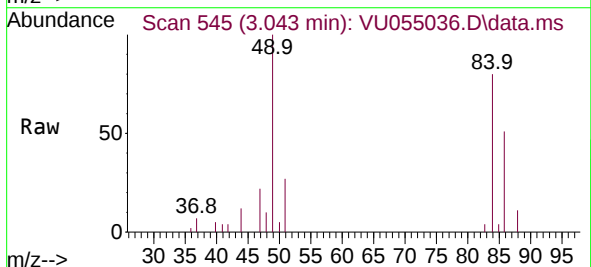
Instrument :
MSVOA_U
ClientSampleId :

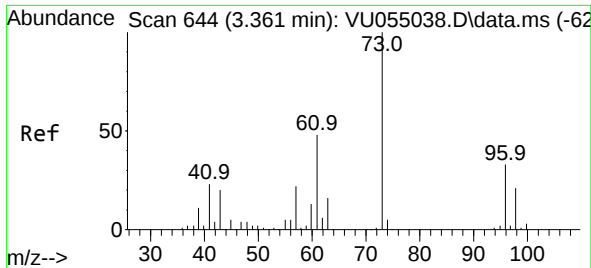
Tgt Ion: 43 Resp: 1741
Ion Ratio Lower Upper
43 100
74 6.5 18.4 27.6#



#16
Methylene chloride
Concen: 0.673 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.004 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

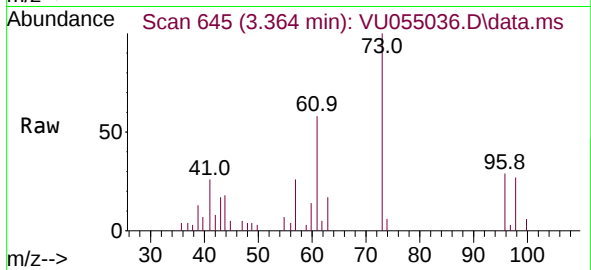
Tgt Ion: 84 Resp: 9888
Ion Ratio Lower Upper
84 100
86 64.1 43.4 80.6
49 124.6 87.7 162.9



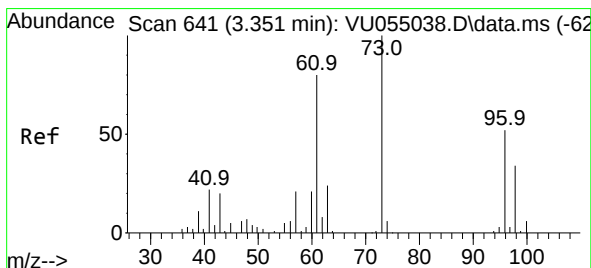
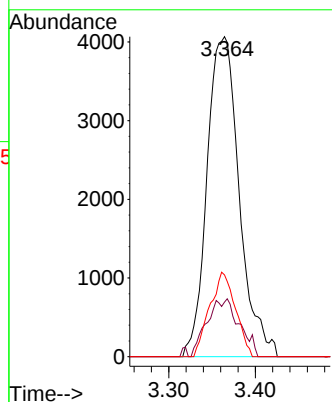
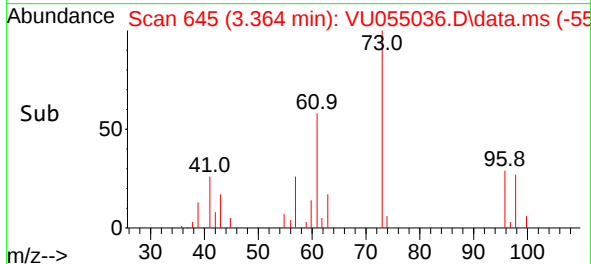


#17
Methyl tert-butyl Ether
Concen: 0.393 ug/L
RT: 3.364 min Scan# 644
Delta R.T. 0.004 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

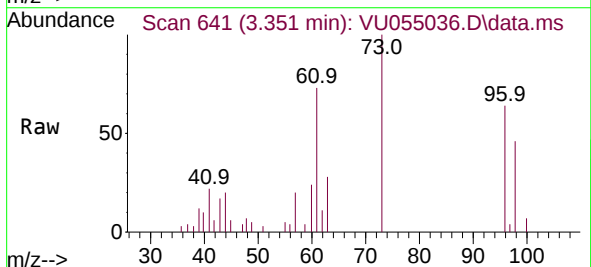
Instrument :
MSVOA_U
ClientSampleId :



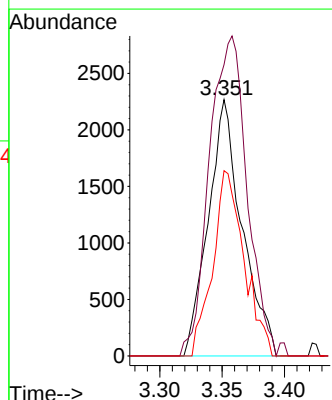
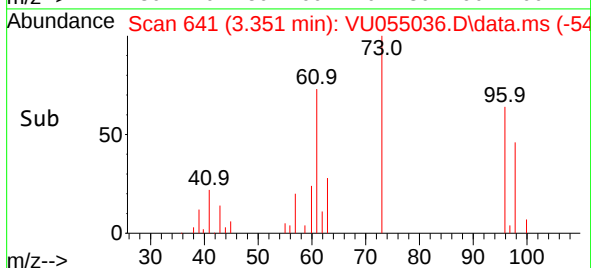
Tgt Ion: 73 Resp: 10510
Ion Ratio Lower Upper
73 100
43 9.0 16.2 24.2#
57 21.1 17.4 26.2

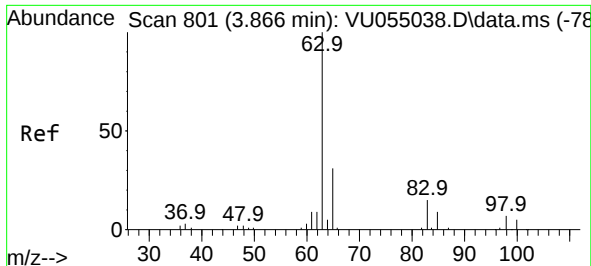


#18
trans-1,2-Dichloroethene
Concen: 0.426 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53



Tgt Ion: 96 Resp: 4290
Ion Ratio Lower Upper
96 100
61 113.6 108.1 200.9
98 72.3 45.4 84.4





#19

1,1-Dichloroethane

Concen: 0.435 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055036.D

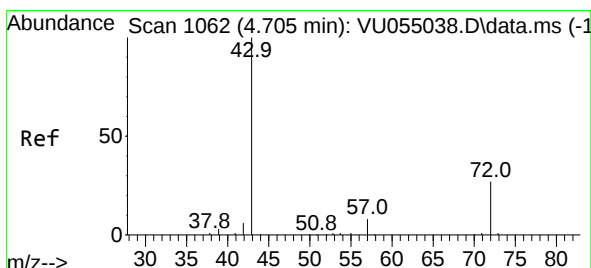
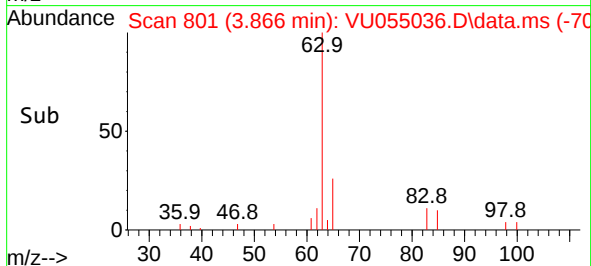
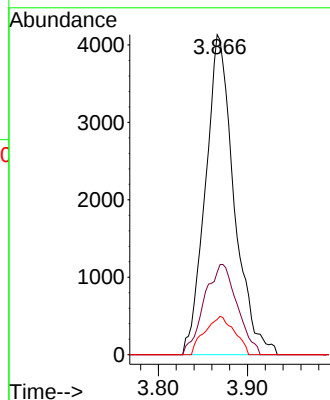
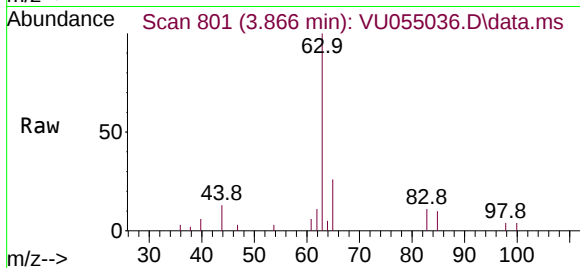
Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	9215
Ion	Ratio	Lower	Upper
63	100		
65	25.7	22.2	41.2
83	11.0	10.6	19.8



#21

2-Butanone

Concen: 0.118 ug/L

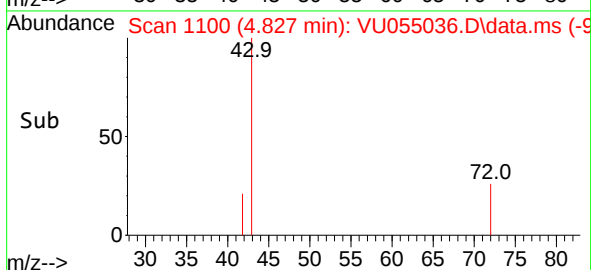
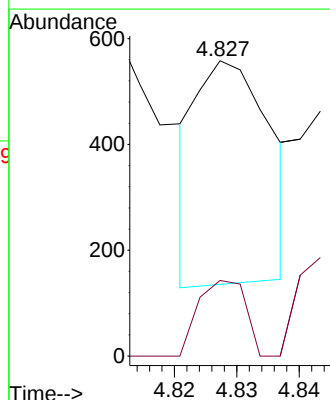
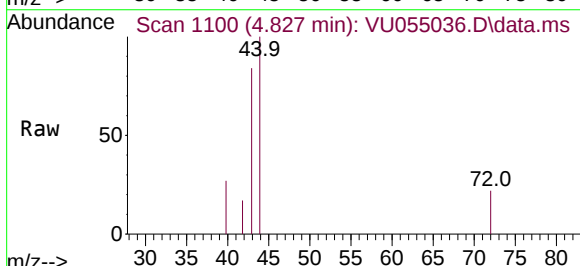
RT: 4.827 min Scan# 1100

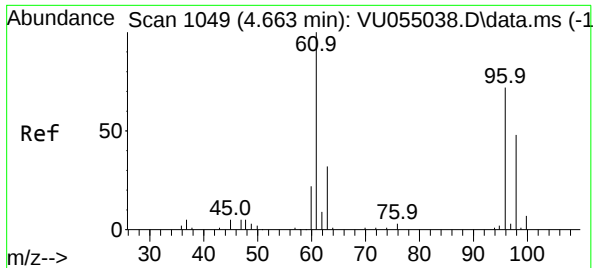
Delta R.T. 0.123 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Tgt Ion:	43	Resp:	345
Ion	Ratio	Lower	Upper
43	100		
72	21.7	13.5	40.5





#22

cis-1,2-Dichloroethene

Concen: 0.466 ug/L

RT: 4.667 min Scan# 1050

Delta R.T. 0.004 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

ClientSampleId :

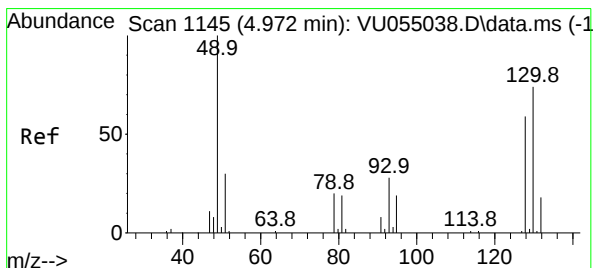
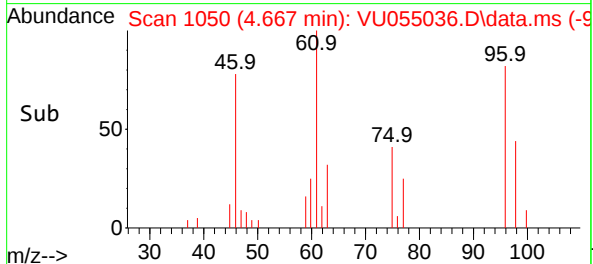
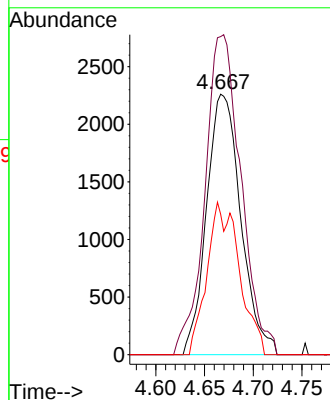
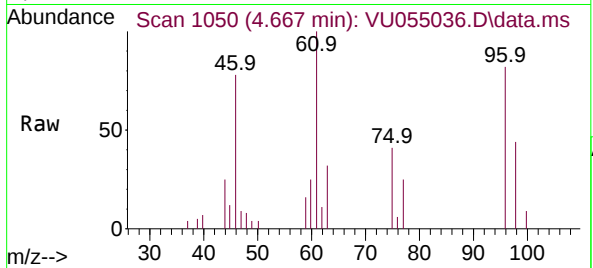
Tgt Ion: 96 Resp: 5539

Ion Ratio Lower Upper

96 100

61 122.1 97.2 180.4

98 53.8 46.1 85.7



#23

Bromochloromethane

Concen: 0.394 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Tgt Ion: 128 Resp: 2036

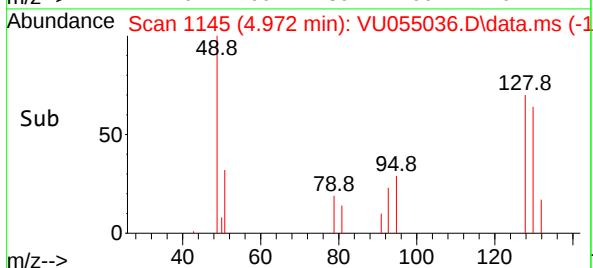
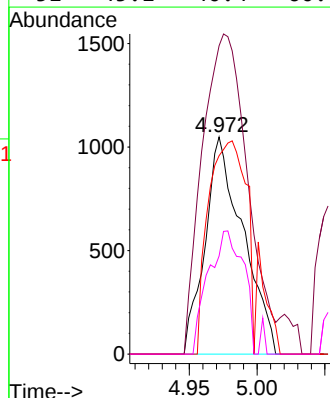
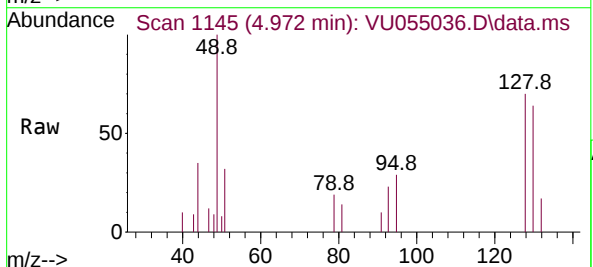
Ion Ratio Lower Upper

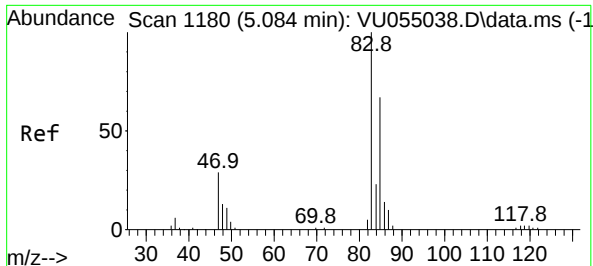
128 100

49 142.1 118.9 220.9

130 91.4 88.0 163.4

51 45.1 40.4 60.6





#25

Chloroform

Concen: 0.396 ug/L

RT: 5.088 min Scan# 1180

Delta R.T. 0.004 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

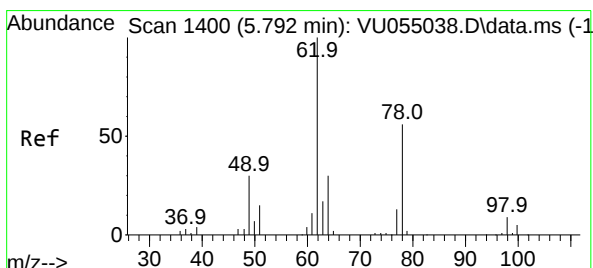
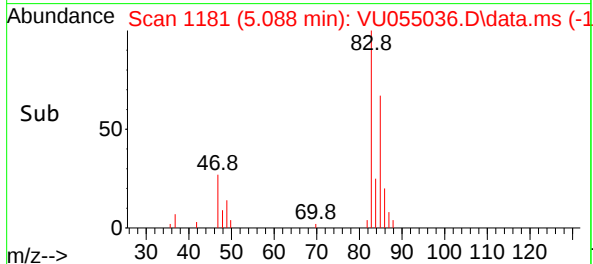
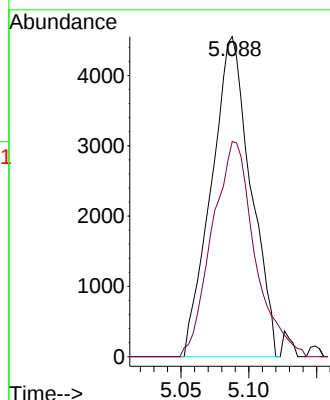
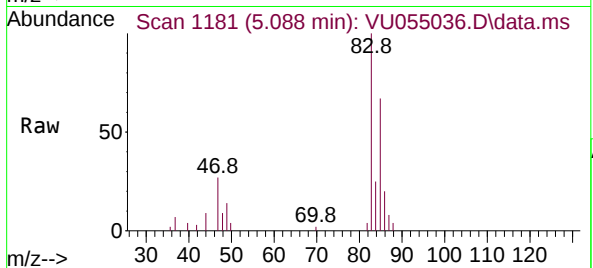
ClientSampleId :

Tgt Ion: 83 Resp: 9178

Ion Ratio Lower Upper

83 100

85 67.3 47.2 87.6



#27

1,2-Dichloroethane

Concen: 0.406 ug/L

RT: 5.798 min Scan# 1402

Delta R.T. 0.007 min

Lab File: VU055036.D

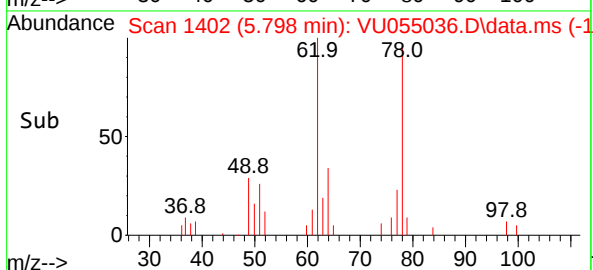
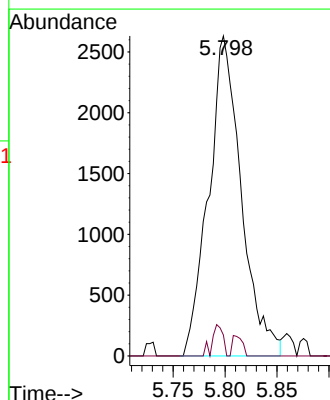
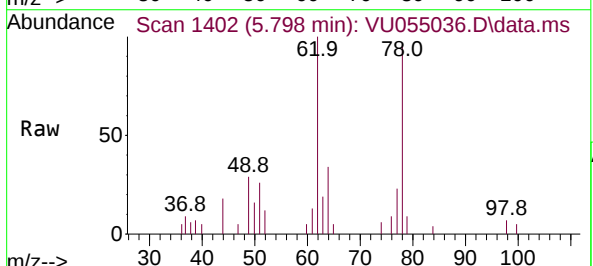
Acq: 01 Sep 2023 12:53

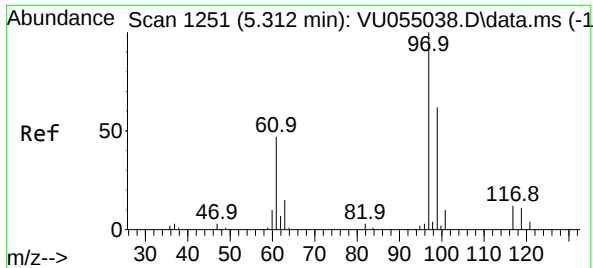
Tgt Ion: 62 Resp: 5749

Ion Ratio Lower Upper

62 100

98 6.6 6.9 10.3#

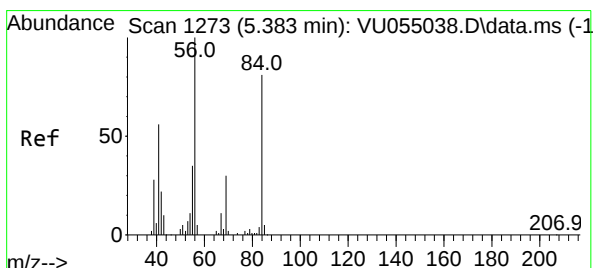
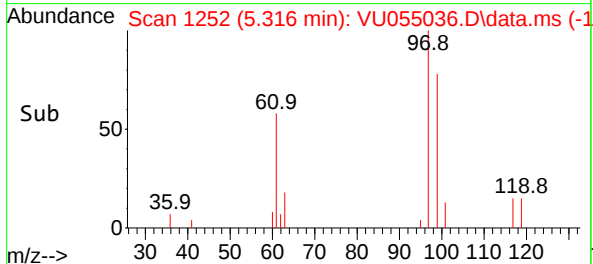
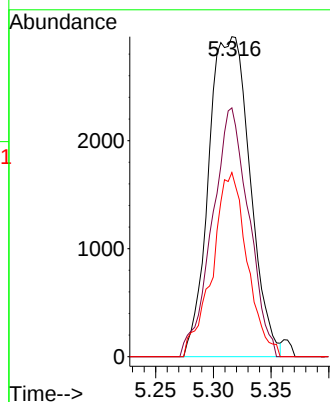
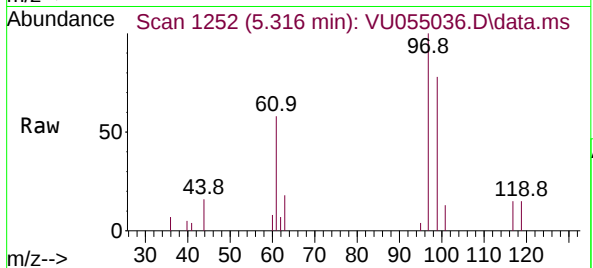




#29
1,1,1-Trichloroethane
Concen: 0.371 ug/L
RT: 5.316 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

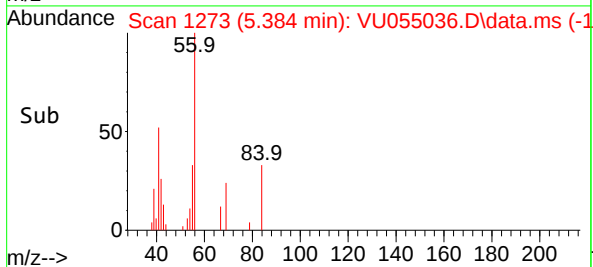
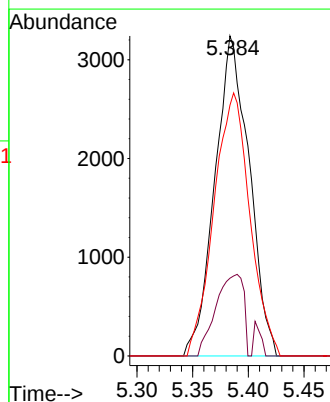
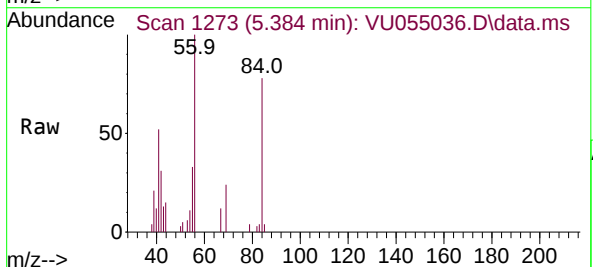
Instrument :
MSVOA_U
ClientSampleId :

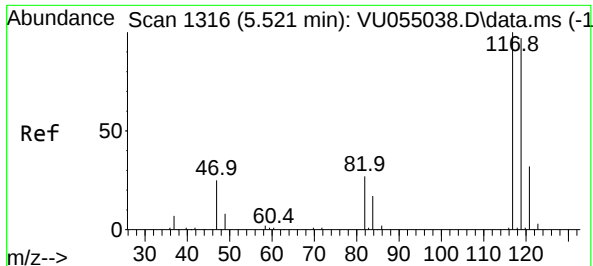
Tgt Ion: 97 Resp: 7370
Ion Ratio Lower Upper
97 100
99 68.6 51.8 77.8
61 48.4 36.8 55.2



#30
Cyclohexane
Concen: 0.398 ug/L
RT: 5.384 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

Tgt Ion: 56 Resp: 6946
Ion Ratio Lower Upper
56 100
69 20.5 24.6 37.0#
84 85.9 68.8 103.2

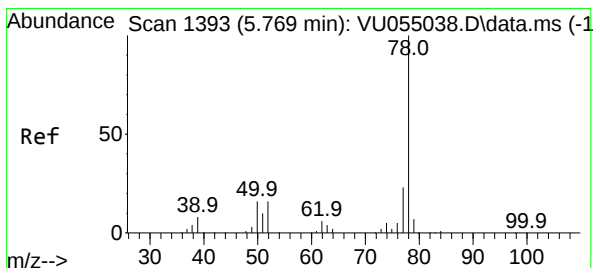
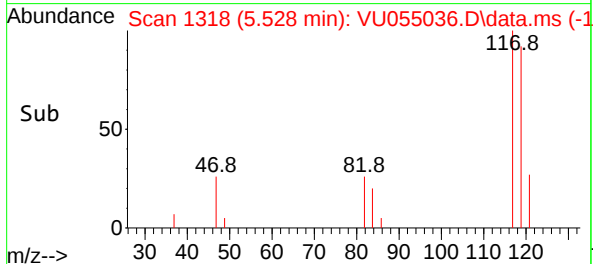
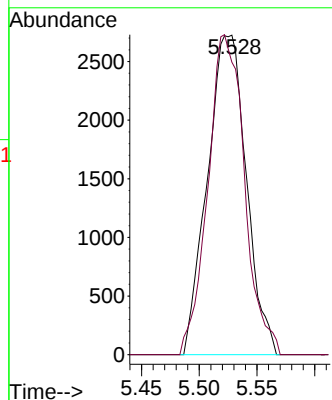
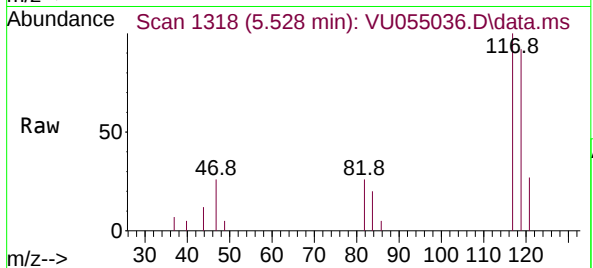




#31
Carbon tetrachloride
Concen: 0.379 ug/L
RT: 5.528 min Scan# 117
Delta R.T. 0.007 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

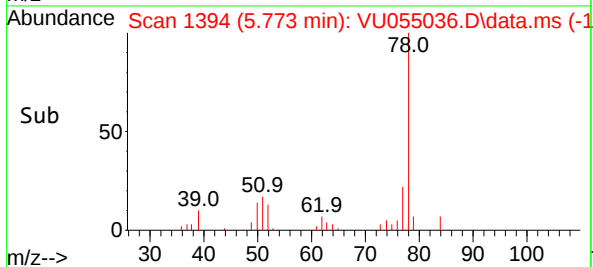
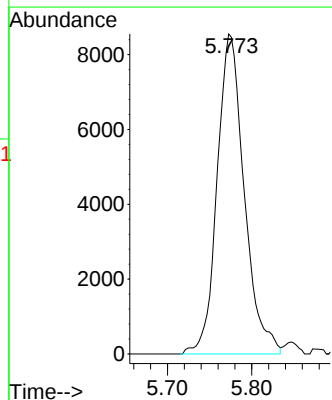
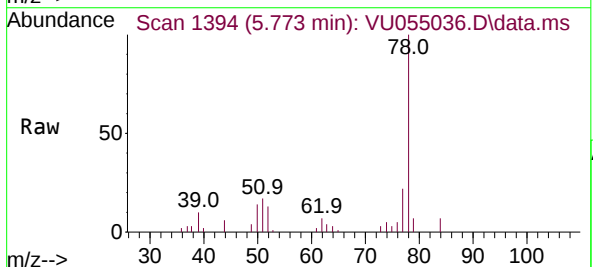
Instrument :
MSVOA_U
ClientSampleId :

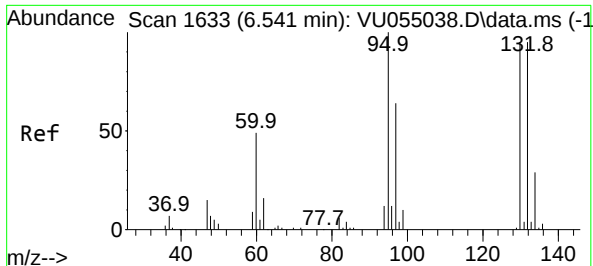
Tgt Ion:117 Resp: 6382
Ion Ratio Lower Upper
117 100
119 94.0 75.4 113.0



#33
Benzene
Concen: 0.403 ug/L
RT: 5.773 min Scan# 1394
Delta R.T. 0.004 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

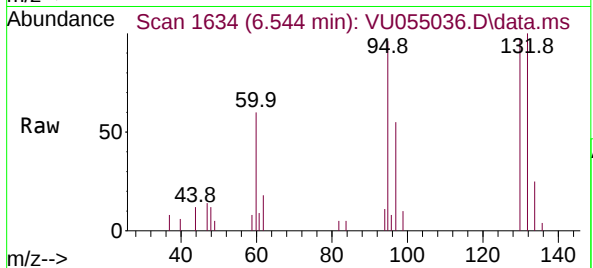
Tgt Ion: 78 Resp: 19087





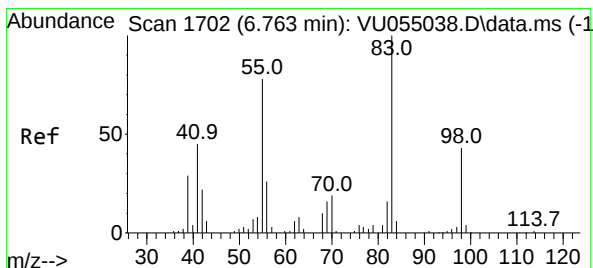
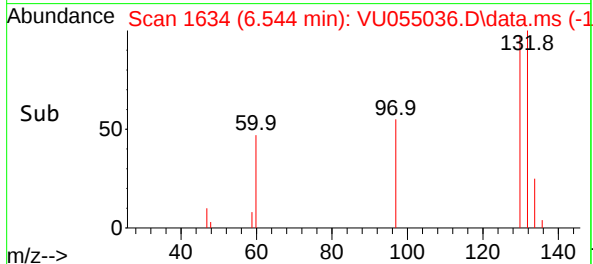
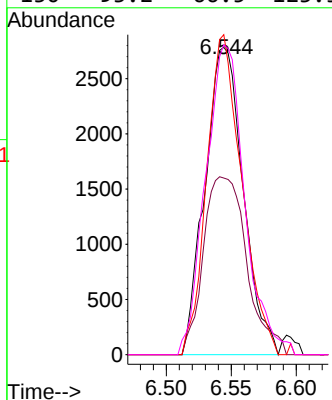
#34
Trichloroethene
Concen: 0.436 ug/L
RT: 6.544 min Scan# 1
Delta R.T. 0.004 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 5682

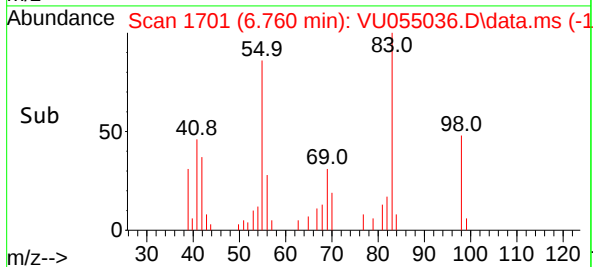
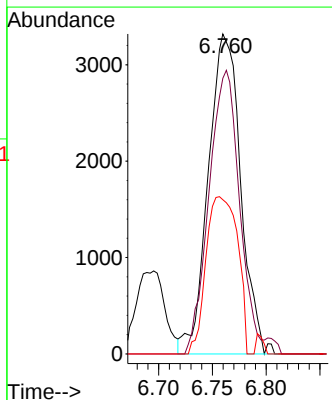
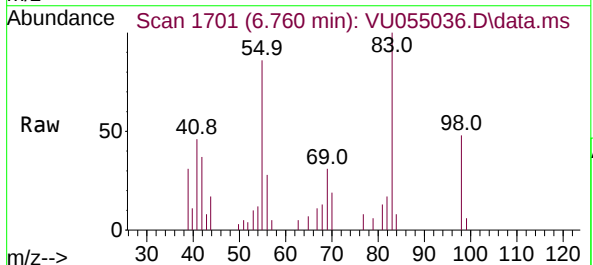
Ion	Ratio	Lower	Upper
95	100		
97	53.1	44.7	83.1
132	96.2	66.6	123.6
130	93.2	66.5	123.5

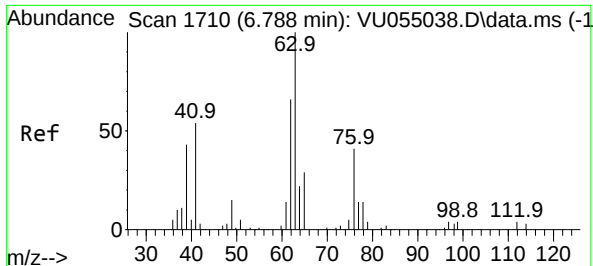


#35
Methylcyclohexane
Concen: 0.362 ug/L
RT: 6.760 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

Tgt Ion: 83 Resp: 6951

Ion	Ratio	Lower	Upper
83	100		
55	83.8	60.4	90.6
98	47.9	35.3	52.9





#37

1,2-Dichloropropane

Concen: 0.365 ug/L

RT: 6.792 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

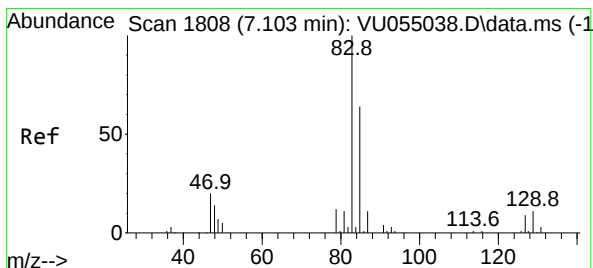
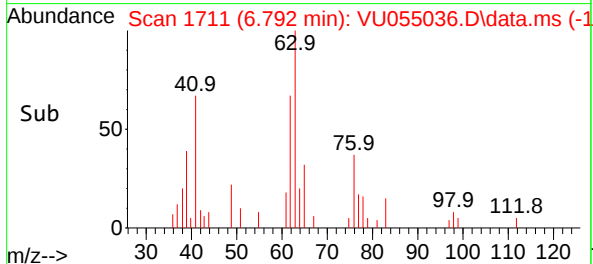
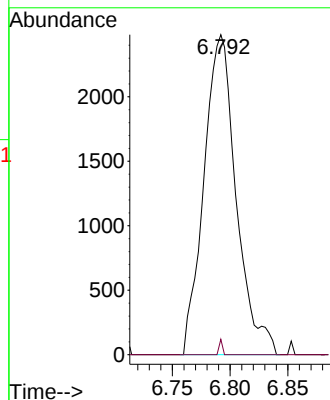
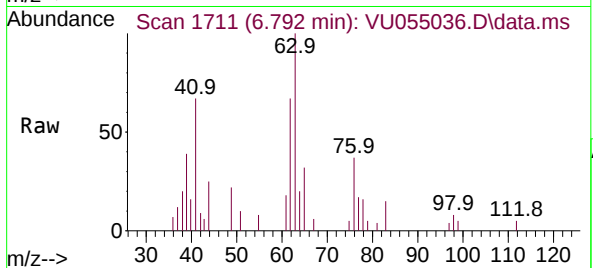
ClientSampleId :

Tgt Ion: 63 Resp: 4827

Ion Ratio Lower Upper

63 100

112 0.5 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.364 ug/L

RT: 7.104 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

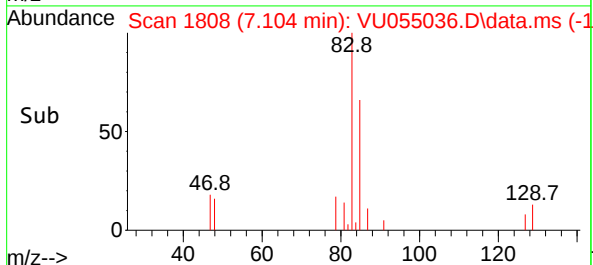
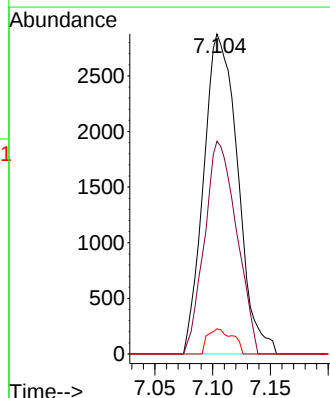
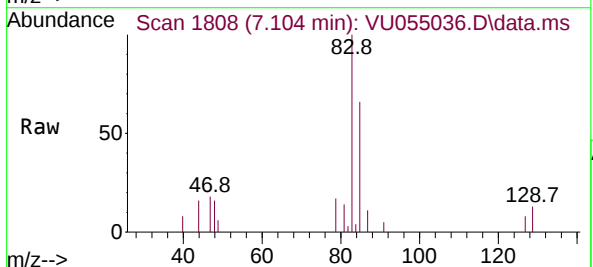
Tgt Ion: 83 Resp: 5903

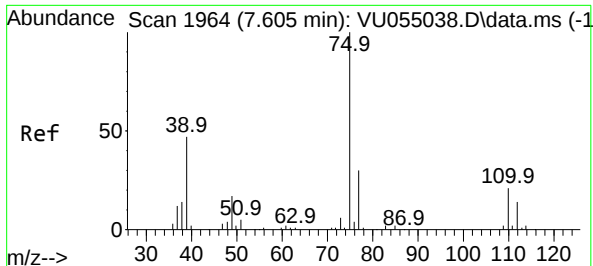
Ion Ratio Lower Upper

83 100

85 66.5 44.9 83.5

127 7.9 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 0.342 ug/L

RT: 7.609 min Scan# 1964

Delta R.T. 0.004 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

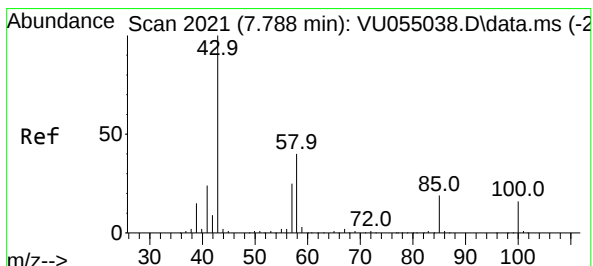
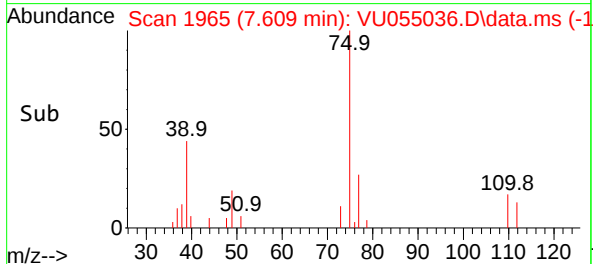
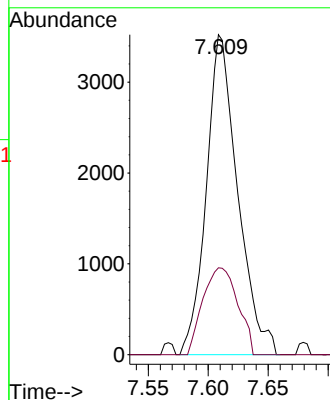
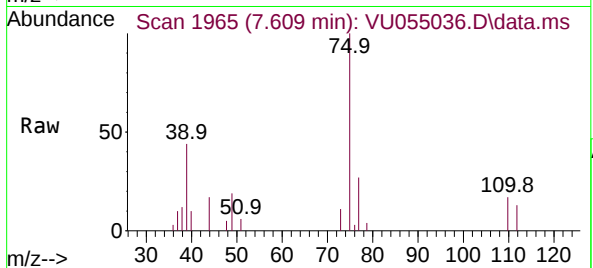
ClientSampleId :

Tgt Ion: 75 Resp: 6409

Ion Ratio Lower Upper

75 100

77 27.1 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 4.226 ug/L

RT: 7.795 min Scan# 2023

Delta R.T. 0.007 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

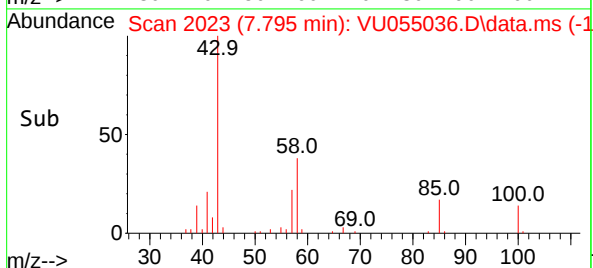
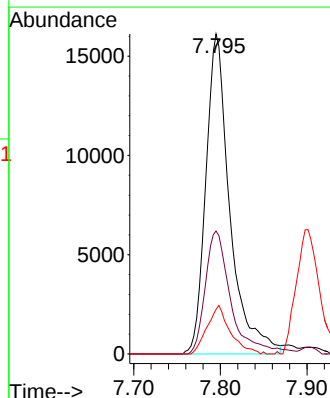
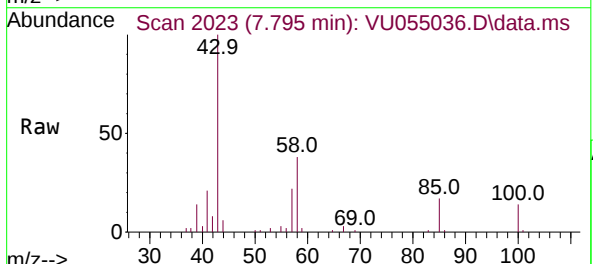
Tgt Ion: 43 Resp: 31046

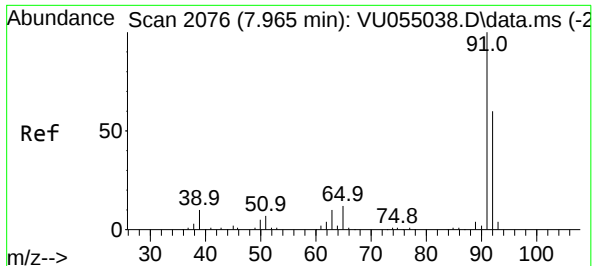
Ion Ratio Lower Upper

43 100

58 41.1 31.5 47.3

100 14.5 11.8 17.8





#42

Toluene

Concen: 0.381 ug/L

RT: 7.969 min Scan# 2076

Delta R.T. 0.004 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

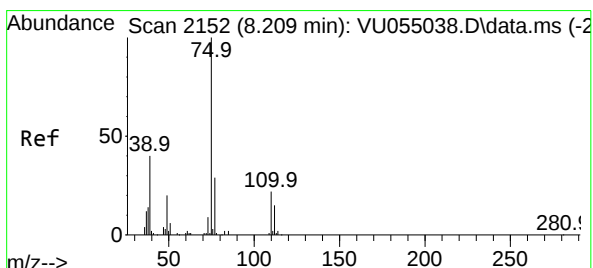
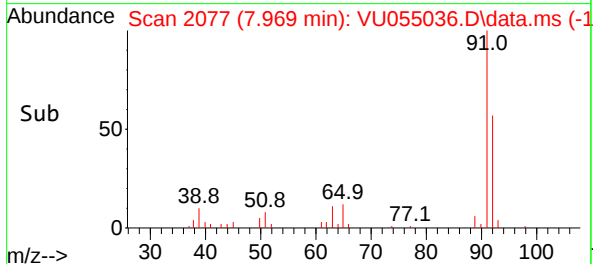
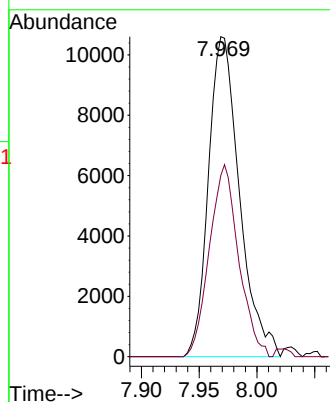
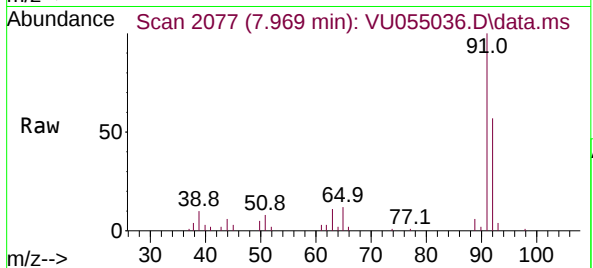
ClientSampleId :

Tgt Ion: 91 Resp: 19810

Ion Ratio Lower Upper

91 100

92 56.7 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 0.283 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.004 min

Lab File: VU055036.D

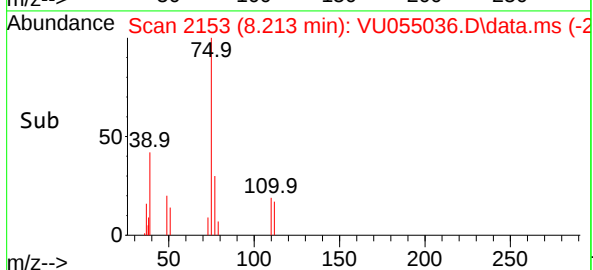
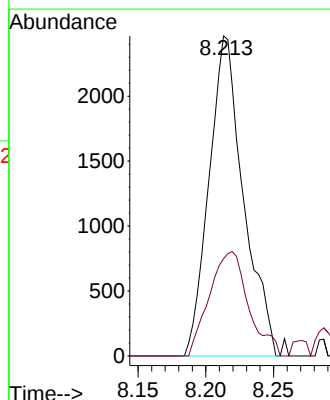
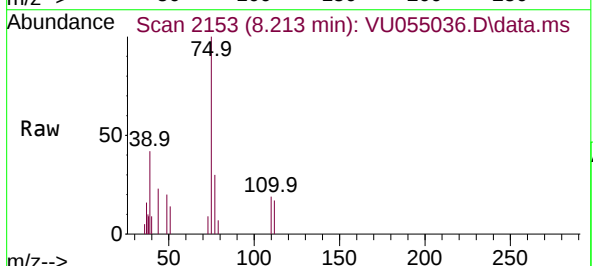
Acq: 01 Sep 2023 12:53

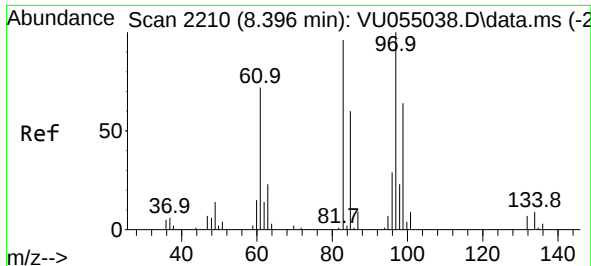
Tgt Ion: 75 Resp: 4352

Ion Ratio Lower Upper

75 100

77 30.4 20.5 38.1





#45

1,1,2-Trichloroethane

Concen: 0.374 ug/L

RT: 8.399 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 3284

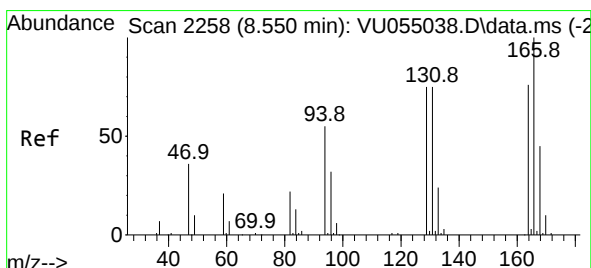
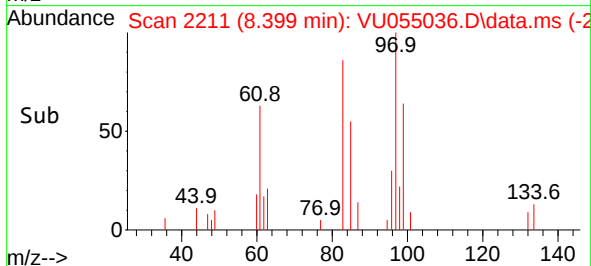
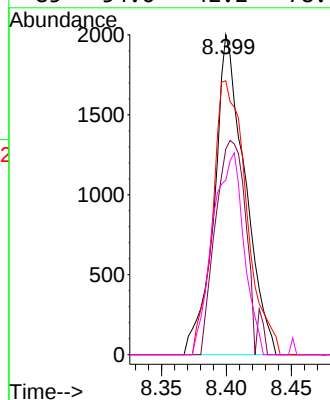
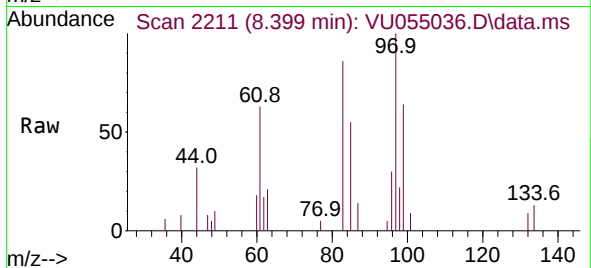
Ion Ratio Lower Upper

97 100

99 64.3 44.9 83.5

83 85.6 66.9 124.3

85 54.6 42.2 78.4



#47

Tetrachloroethene

Concen: 0.379 ug/L

RT: 8.557 min Scan# 2260

Delta R.T. 0.007 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Tgt Ion:164 Resp: 3546

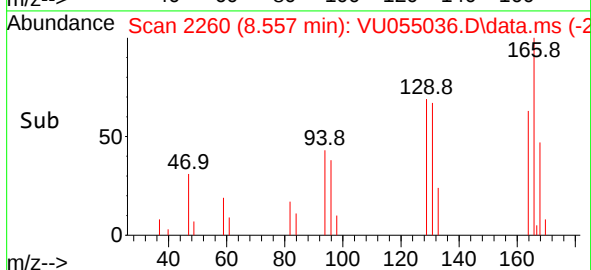
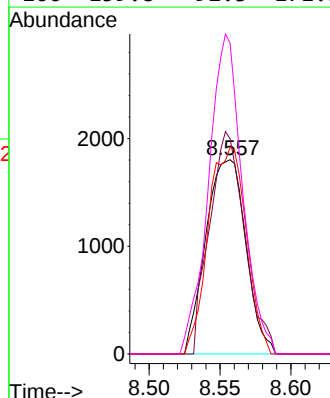
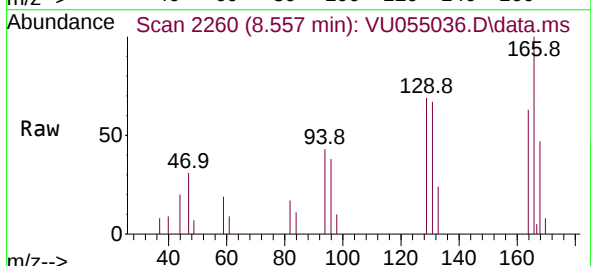
Ion Ratio Lower Upper

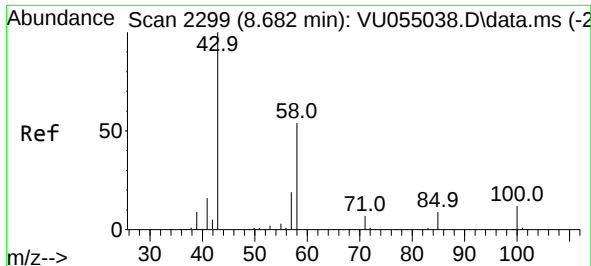
164 100

129 110.6 69.2 128.6

131 106.4 68.8 127.8

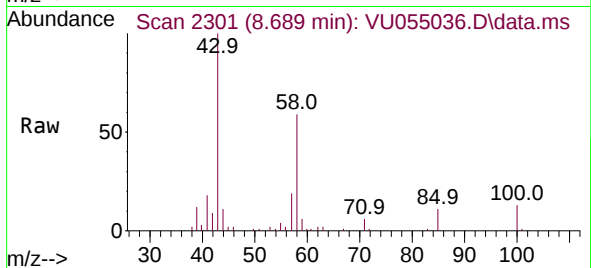
166 159.8 92.3 171.5



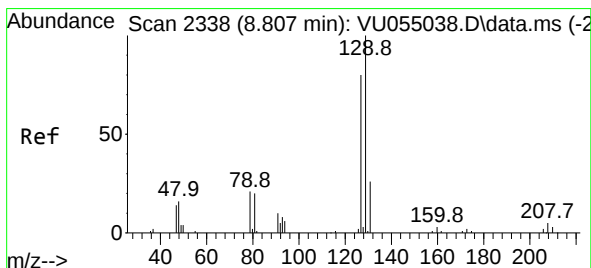
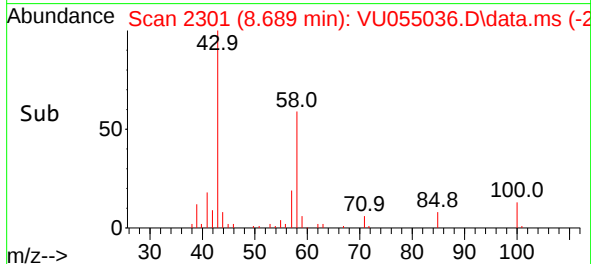
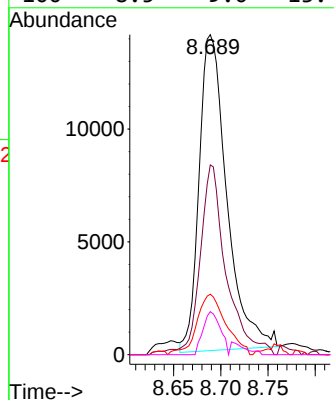


#48
2-Hexanone
Concen: 5.235 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

Instrument :
MSVOA_U
ClientSampleId :

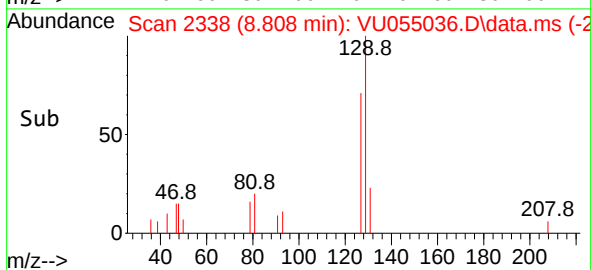
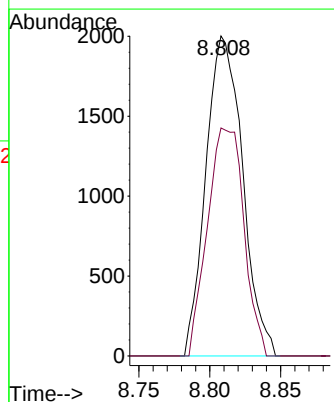
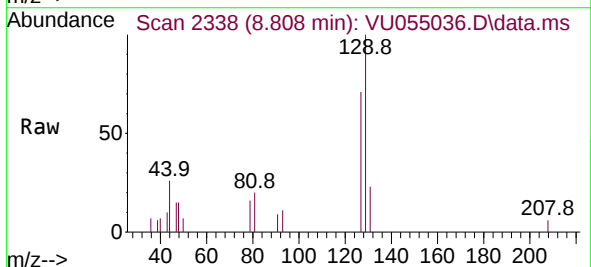


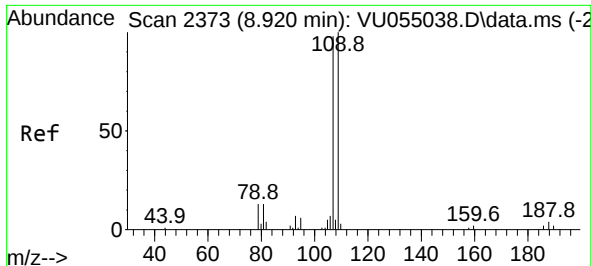
Tgt Ion: 43 Resp: 28603
Ion Ratio Lower Upper
43 100
58 56.5 44.0 66.0
57 20.0 16.2 24.2
100 8.5 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.352 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

Tgt Ion: 129 Resp: 3608
Ion Ratio Lower Upper
129 100
127 71.2 55.9 103.7





#50

1,2-Dibromoethane

Concen: 0.370 ug/L

RT: 8.927 min Scan# 21

Delta R.T. 0.007 min

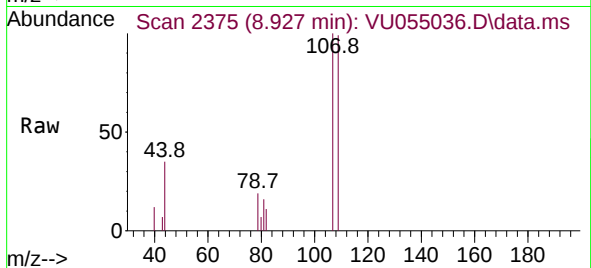
Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

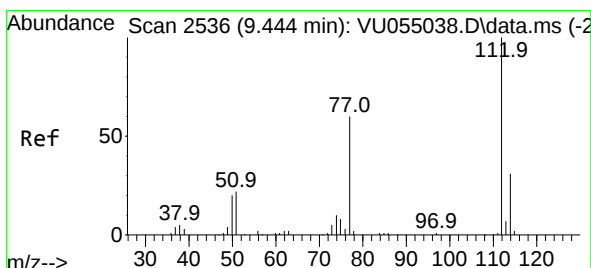
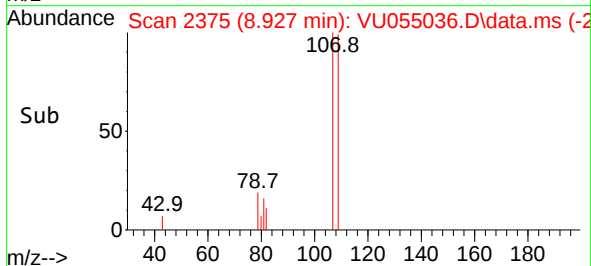
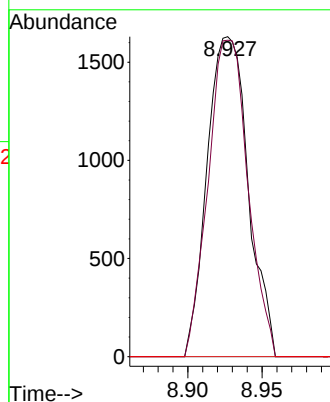
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	3140
Ion	Ratio	Lower	Upper
107	100		
109	98.9	71.4	132.6
188	0.0	3.1	4.7#



#51

Chlorobenzene

Concen: 0.417 ug/L

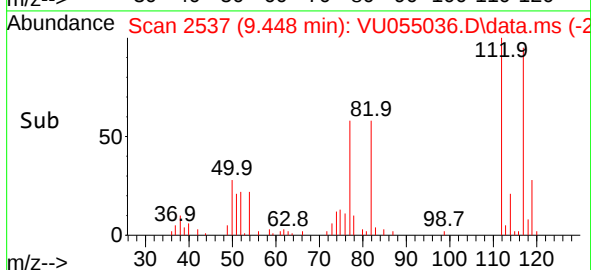
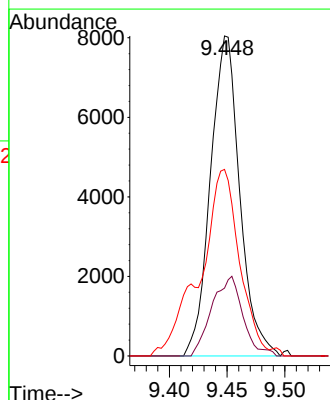
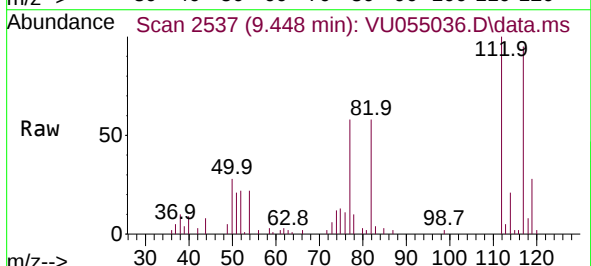
RT: 9.448 min Scan# 2537

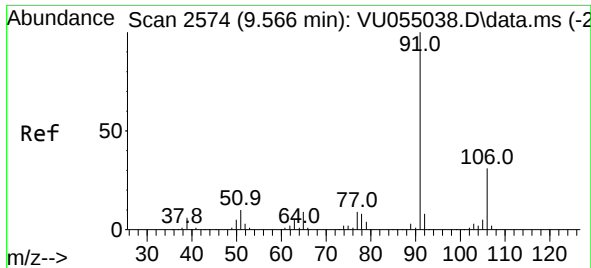
Delta R.T. 0.004 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Tgt Ion:	112	Resp:	14197
Ion	Ratio	Lower	Upper
112	100		
114	20.2	21.7	40.3#
77	55.4	48.6	72.8





#52

Ethylbenzene

Concen: 0.374 ug/L

RT: 9.570 min Scan# 21927

Delta R.T. 0.004 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

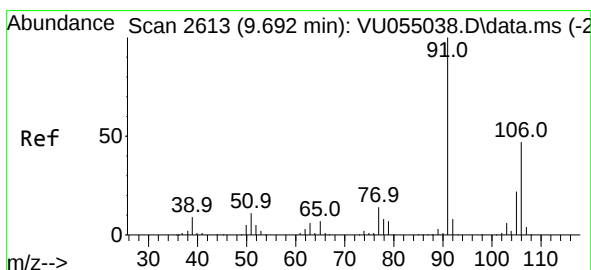
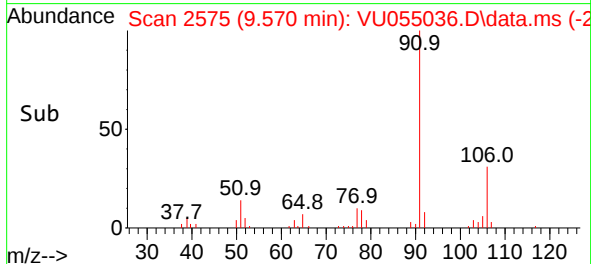
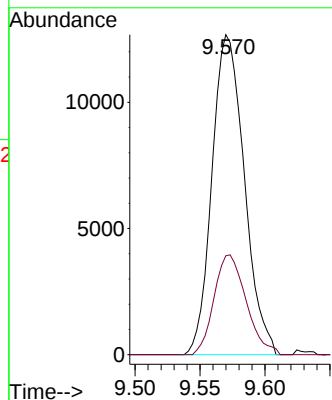
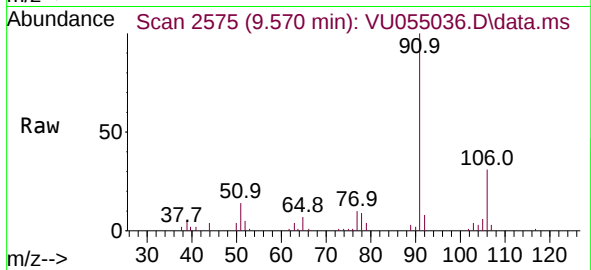
ClientSampleId :

Tgt Ion: 91 Resp: 21927

Ion Ratio Lower Upper

91 100

106 30.9 21.5 39.9



#53

m,p-Xylene

Concen: 0.381 ug/L

RT: 9.695 min Scan# 2614

Delta R.T. 0.004 min

Lab File: VU055036.D

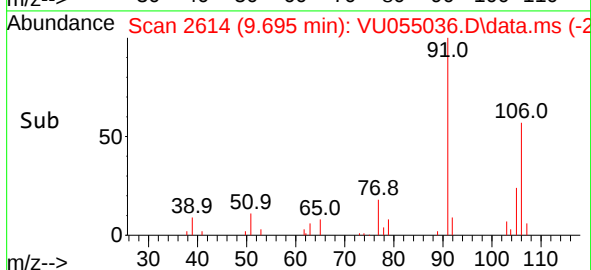
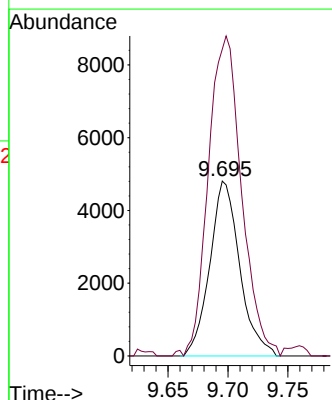
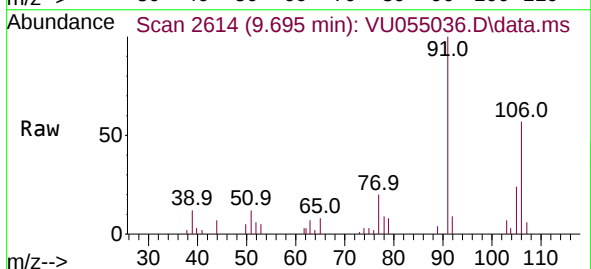
Acq: 01 Sep 2023 12:53

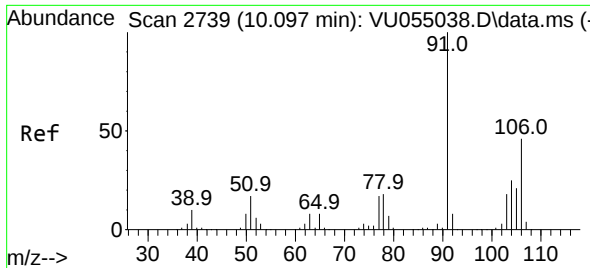
Tgt Ion:106 Resp: 8343

Ion Ratio Lower Upper

106 100

91 175.5 148.3 275.5

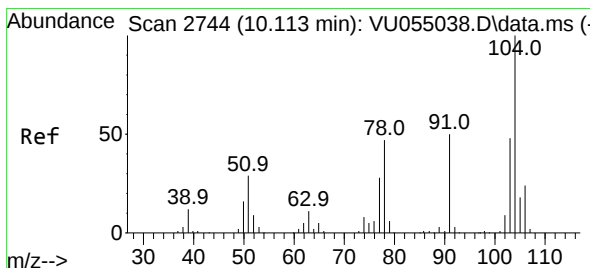
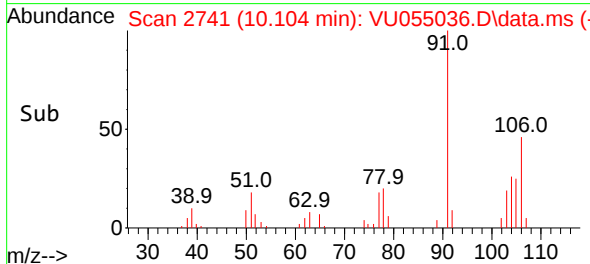
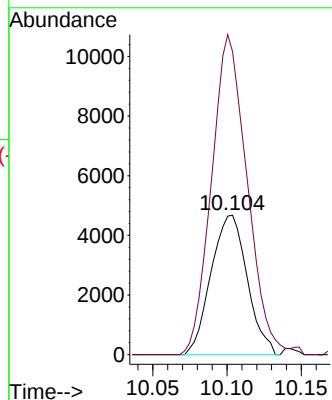
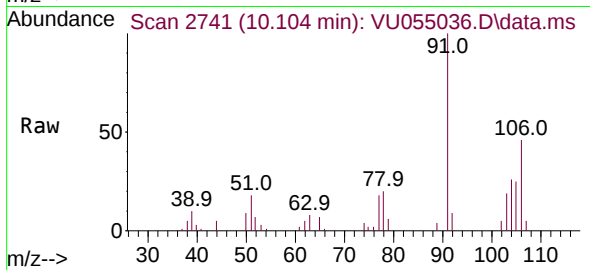




#54
o-Xylene
Concen: 0.375 ug/L
RT: 10.104 min Scan# 2741
Delta R.T. 0.007 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

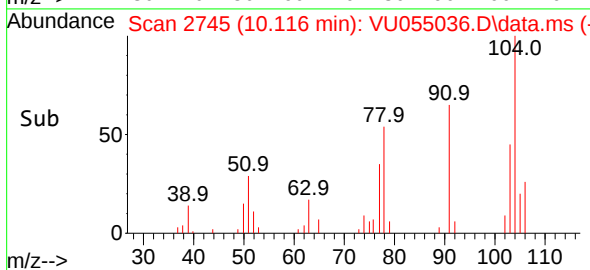
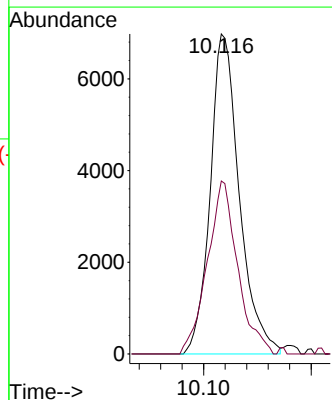
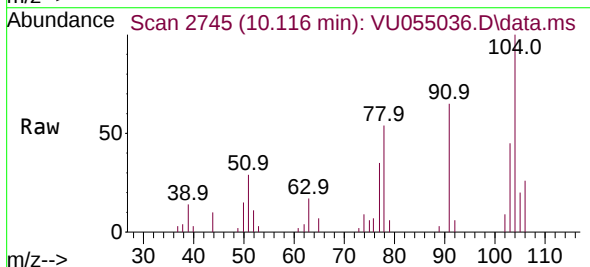
Instrument :
MSVOA_U
ClientSampleId :

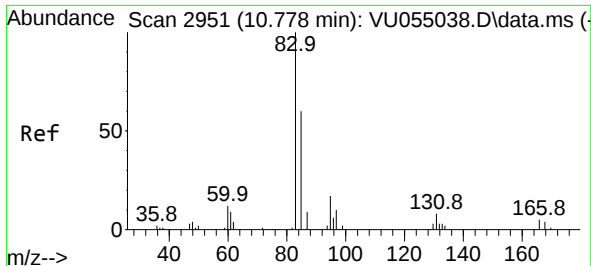
Tgt Ion:106 Resp: 7924
Ion Ratio Lower Upper
106 100
91 217.2 152.9 284.1



#55
Styrene
Concen: 0.378 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.004 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

Tgt Ion:104 Resp: 13135
Ion Ratio Lower Upper
104 100
78 54.0 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 0.366 ug/L

RT: 10.782 min Scan# 2951

Delta R.T. 0.004 min

Lab File: VU055036.D

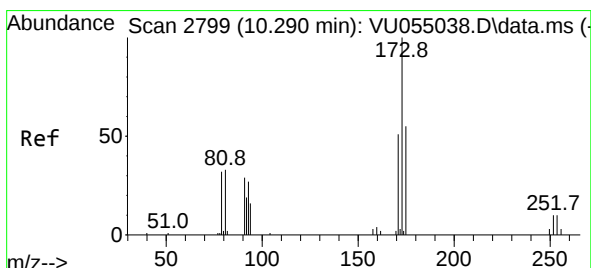
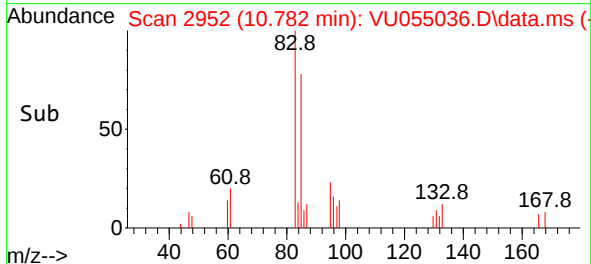
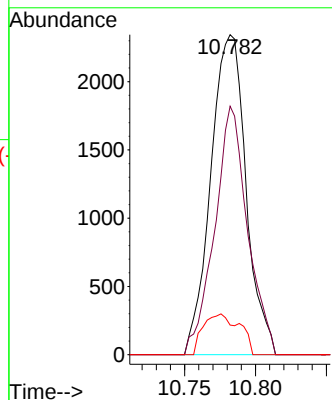
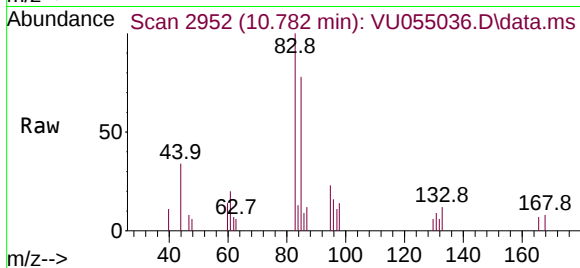
Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	4056
Ion Ratio	Lower	Upper
83	100	
85	77.6	42.4 78.6
131	9.3	7.6 11.4



#59

Bromoform

Concen: 0.370 ug/L

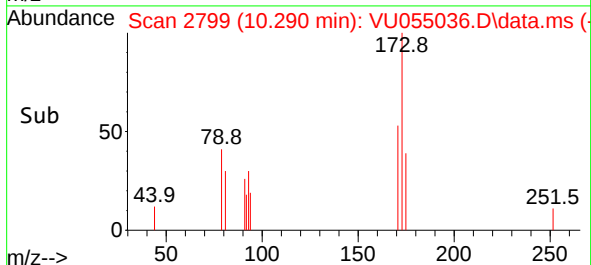
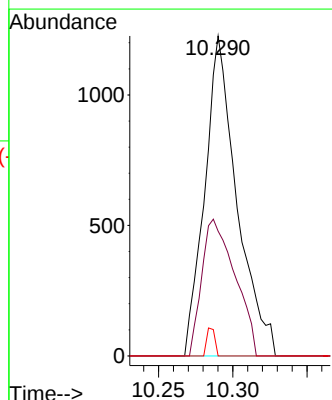
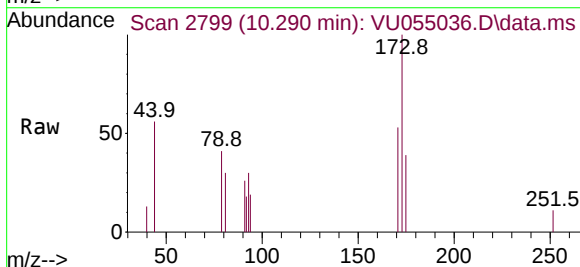
RT: 10.290 min Scan# 2799

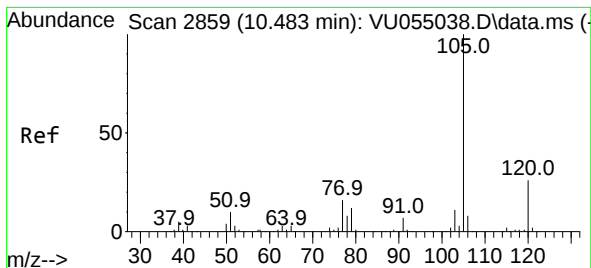
Delta R.T. 0.000 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Tgt Ion: 173	Resp:	1846
Ion Ratio	Lower	Upper
173	100	
175	44.1	40.9 61.3
254	2.2	7.0 10.4





#60

Isopropylbenzene

Concen: 0.428 ug/L

RT: 10.486 min Scan# 2859

Delta R.T. 0.004 min

Lab File: VU055036.D

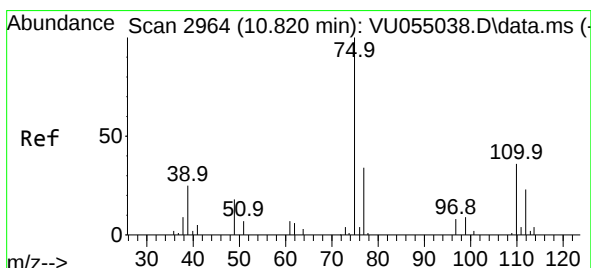
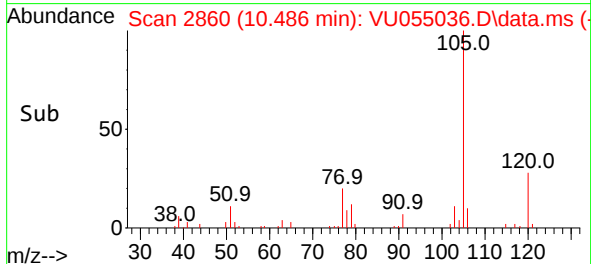
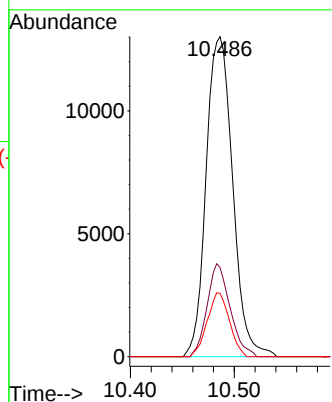
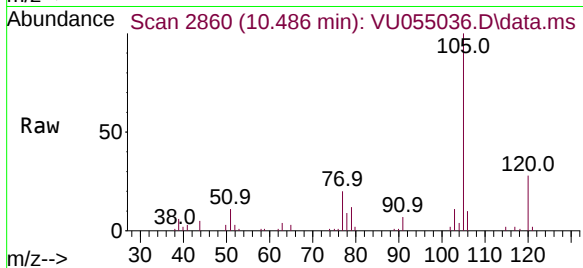
Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	23087
Ion Ratio	Lower	Upper
105	100	
120	25.1	20.1 30.1
77	16.7	13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 0.469 ug/L

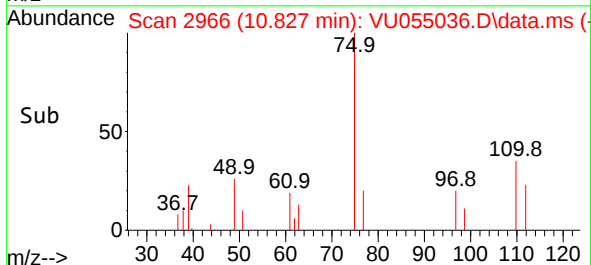
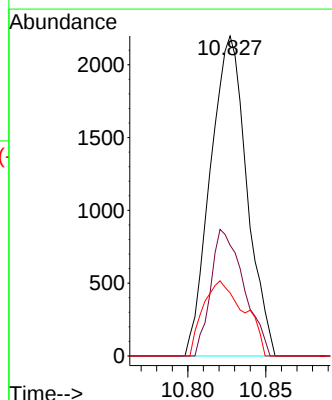
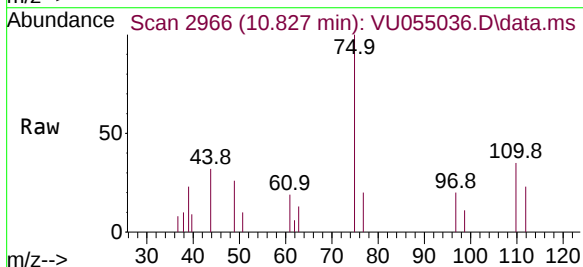
RT: 10.827 min Scan# 2966

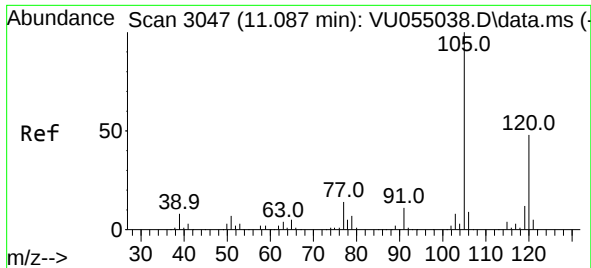
Delta R.T. 0.007 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Tgt Ion: 75	Resp:	3567
Ion Ratio	Lower	Upper
75	100	
110	35.9	28.2 42.2
77	26.4	26.2 39.4

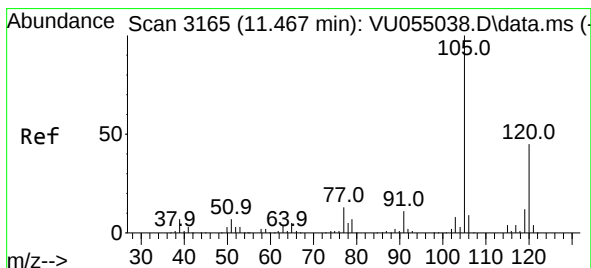
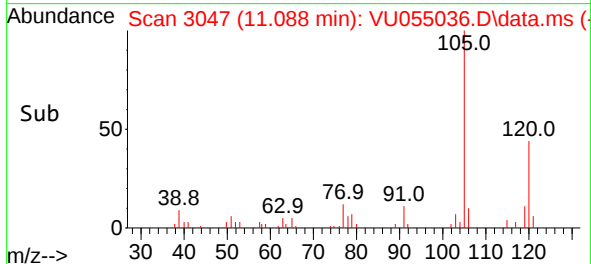
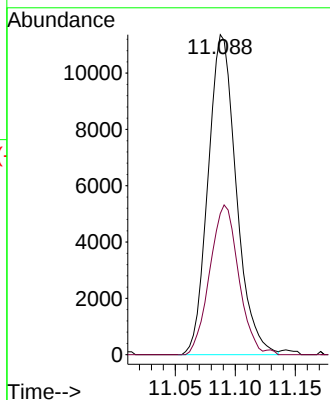
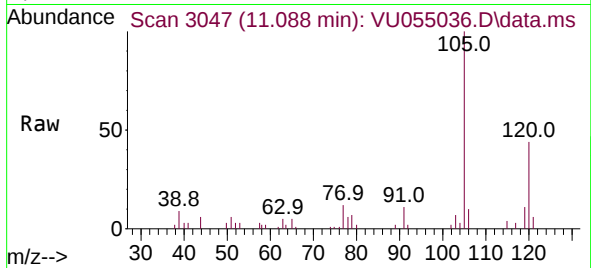




#62
 1,3,5-Trimethylbenzene
 Concen: 0.404 ug/L
 RT: 11.088 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VU055036.D
 Acq: 01 Sep 2023 12:53

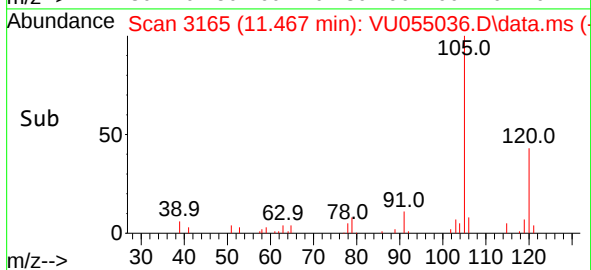
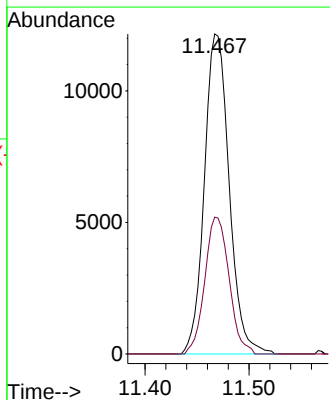
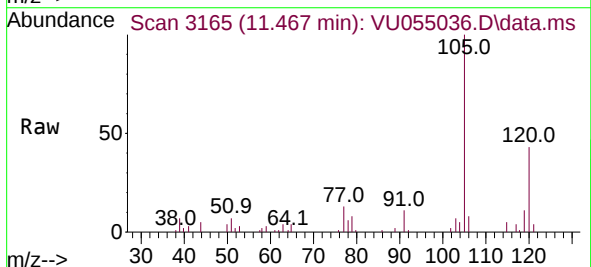
Instrument :
 MSVOA_U
 ClientSampleId :

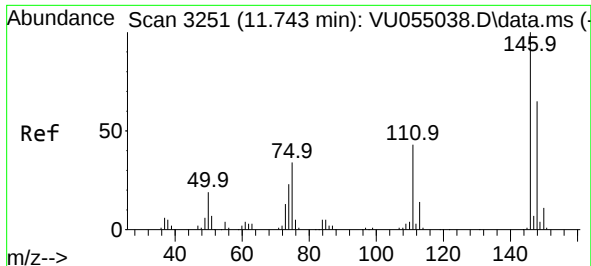
Tgt Ion:105 Resp: 18594
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 0.472 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VU055036.D
 Acq: 01 Sep 2023 12:53

Tgt Ion:105 Resp: 20143
 Ion Ratio Lower Upper
 105 100
 120 41.8 35.4 53.0

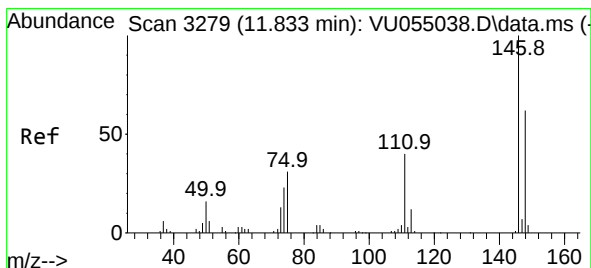
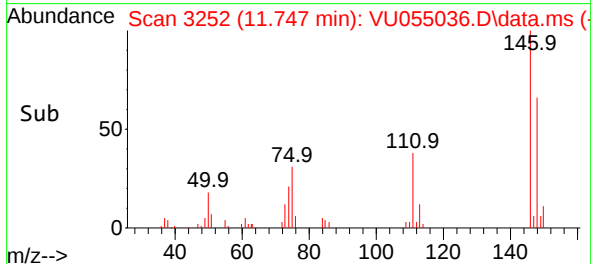
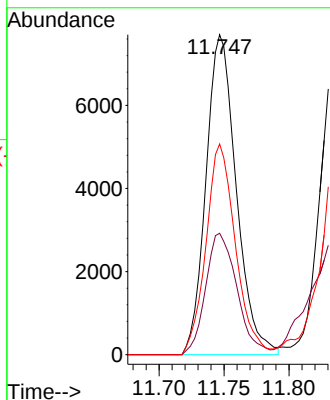
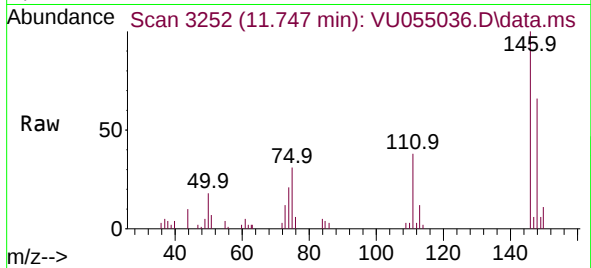




#64
1,3-Dichlorobenzene
Concen: 0.494 ug/L
RT: 11.747 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

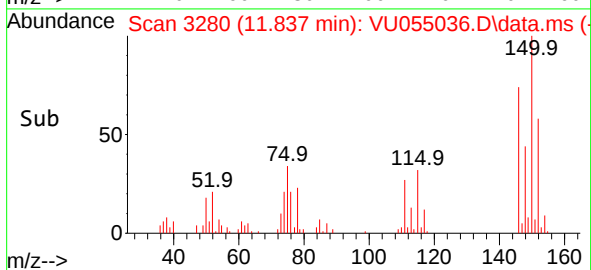
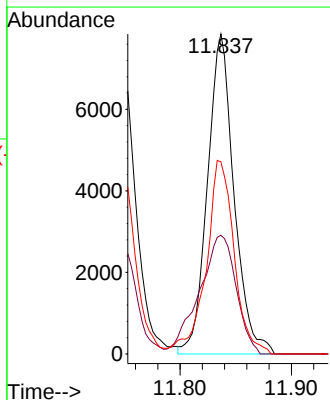
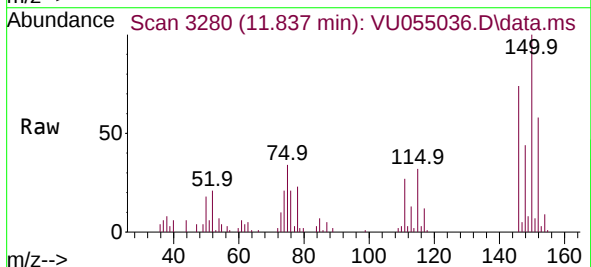
Instrument :
MSVOA_U
ClientSampleId :

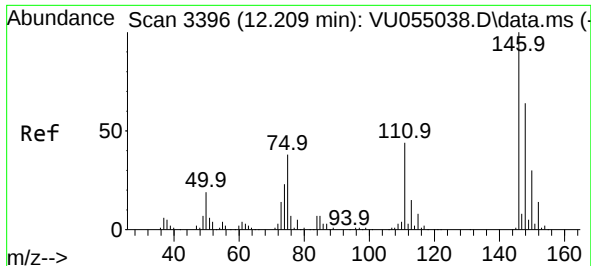
Tgt Ion:146 Resp: 12484
Ion Ratio Lower Upper
146 100
111 38.0 30.0 55.6
148 65.9 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 0.517 ug/L
RT: 11.837 min Scan# 3280
Delta R.T. 0.004 min
Lab File: VU055036.D
Acq: 01 Sep 2023 12:53

Tgt Ion:146 Resp: 13004
Ion Ratio Lower Upper
146 100
111 37.1 28.1 52.1
148 60.0 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 0.526 ug/L

RT: 12.213 min Scan# 31

Delta R.T. 0.004 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

ClientSampleId :

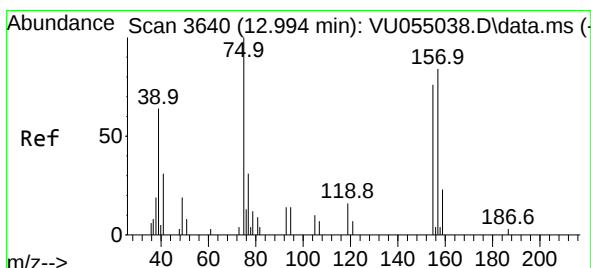
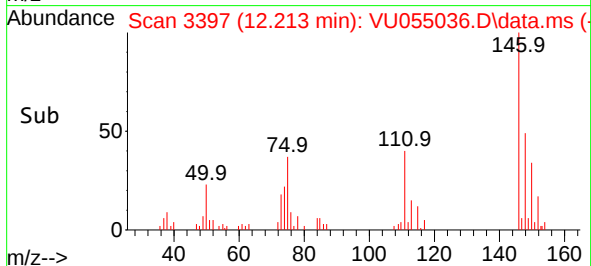
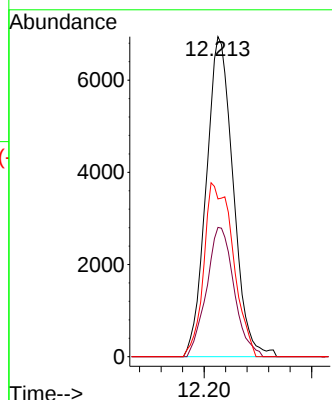
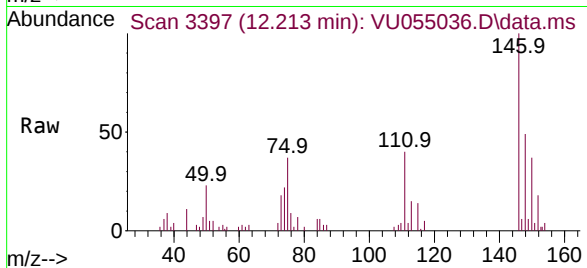
Tgt Ion:146 Resp: 12048

Ion Ratio Lower Upper

146 100

111 40.4 35.6 53.4

148 49.3 51.3 76.9#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.420 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

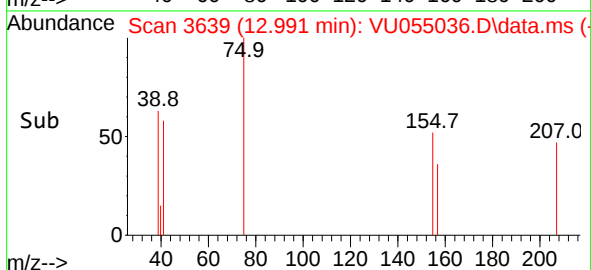
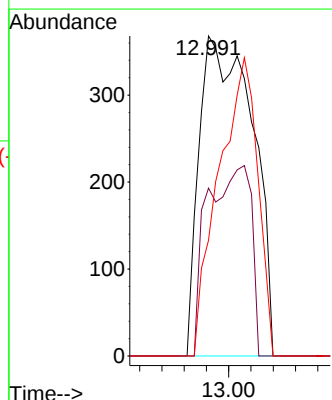
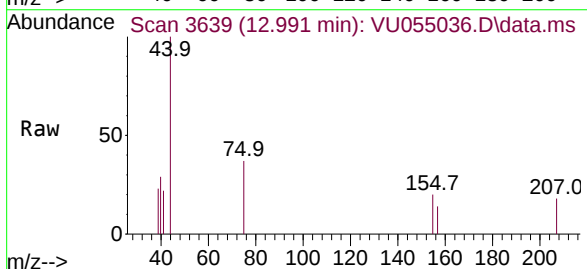
Tgt Ion: 75 Resp: 608

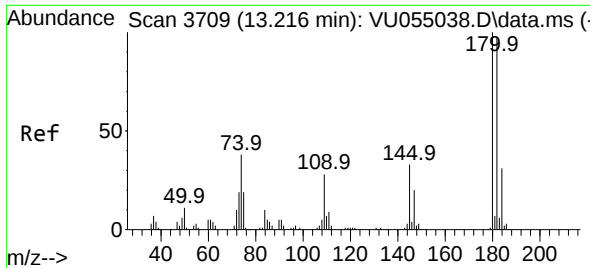
Ion Ratio Lower Upper

75 100

155 52.4 61.1 91.7#

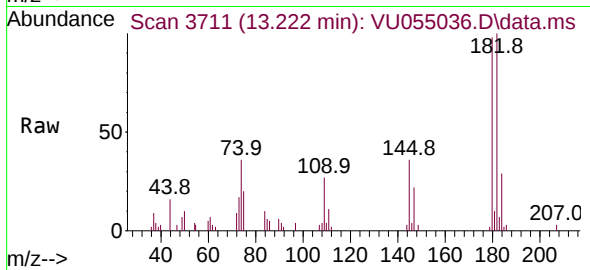
157 36.1 66.8 100.2#



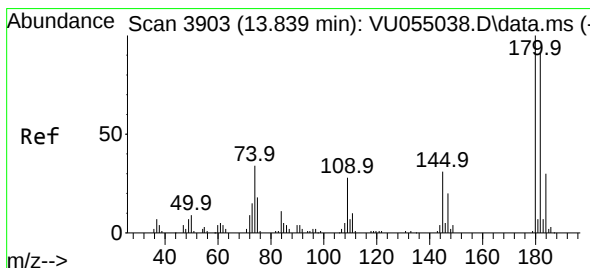
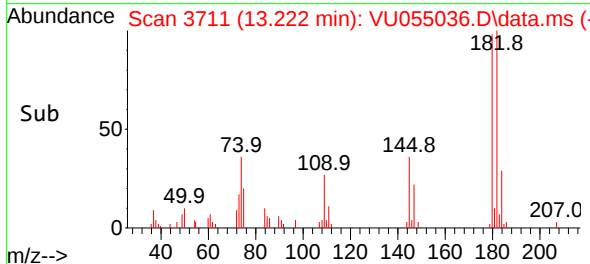
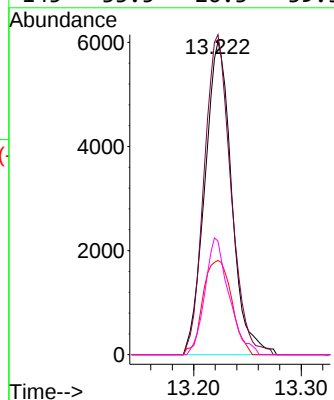


#69
 1,3,5-Trichlorobenzene
 Concen: 0.615 ug/L
 RT: 13.222 min Scan# 3711
 Delta R.T. 0.007 min
 Lab File: VU055036.D
 Acq: 01 Sep 2023 12:53

Instrument :
 MSVOA_U
 ClientSampleId :

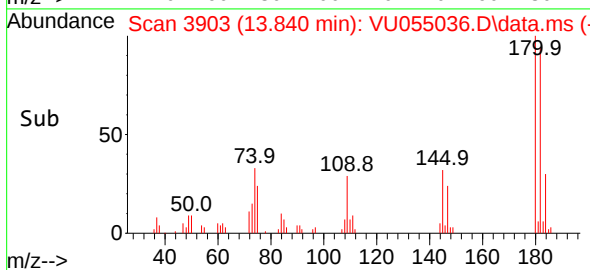
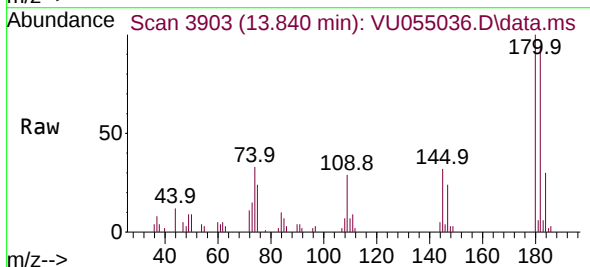
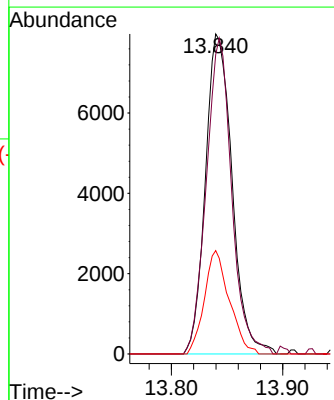


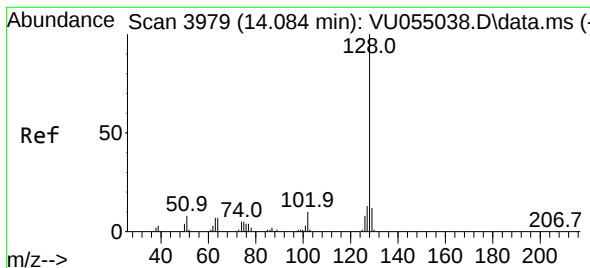
Tgt Ion:180 Resp: 10418
 Ion Ratio Lower Upper
 180 100
 182 101.7 75.8 113.6
 184 32.3 24.0 36.0
 145 33.5 26.3 39.5



#70
 1,2,4-trichlorobenzene
 Concen: 0.990 ug/L
 RT: 13.840 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU055036.D
 Acq: 01 Sep 2023 12:53

Tgt Ion:180 Resp: 13251
 Ion Ratio Lower Upper
 180 100
 182 94.0 73.6 110.4
 145 30.2 25.8 38.8





#71

Naphthalene

Concen: 1.420 ug/L

RT: 14.091 min Scan# 3981

Delta R.T. 0.007 min MSVOA_U

Lab File: VU055036.D

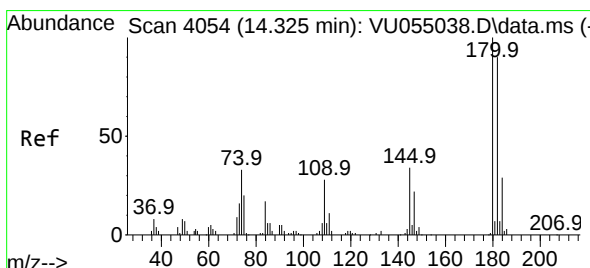
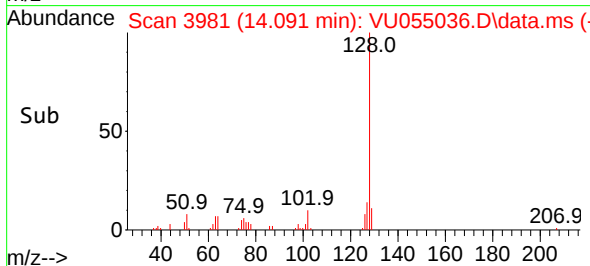
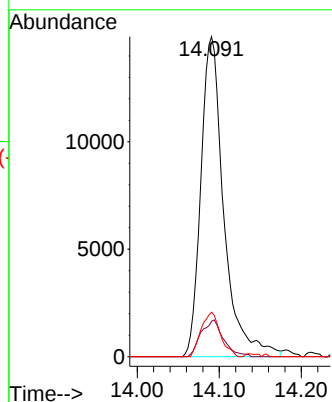
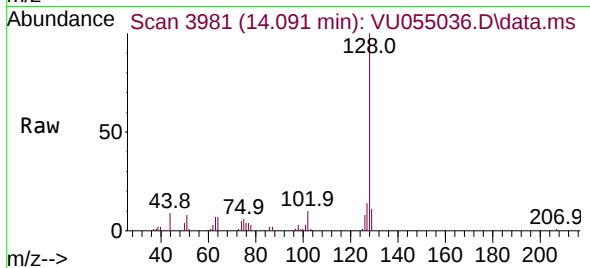
Acq: 01 Sep 2023 12:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	28903
Ion Ratio	Lower	Upper
128	100	
129	11.2	8.2 12.2
127	11.6	10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 1.008 ug/L

RT: 14.332 min Scan# 4056

Delta R.T. 0.007 min

Lab File: VU055036.D

Acq: 01 Sep 2023 12:53

Tgt Ion:180	Resp:	11312
Ion Ratio	Lower	Upper
180	100	
182	96.3	75.6 113.4
145	37.1	27.0 40.6

