

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092123\
 Data File : VU055449.D
 Acq On : 21 Sep 2023 16:36
 Operator : MD/SY
 Sample : 04562-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 22 02:35:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 22 02:32:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	256245	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	261928	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	147402	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	98424	3.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.911	69	97239	4.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.563	65	46076	4.322	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.624	46	257953	55.143	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.280%
24) Chloroform-d	5.059	84	232074	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.698	65	113881	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.724	84	443269	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.685	67	134135	4.900	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.894	98	394632	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.177	79	49866	5.191	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.631	63	150814	51.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.220%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105193	5.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	142030	4.774	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	118796	4.762	ug/L	99
3) Chloromethane	1.515	50	110896	5.053	ug/L	99
5) Vinyl chloride	1.602	62	117441	4.960	ug/L	99
6) Bromomethane	1.856	94	80521	5.354	ug/L	98
8) Chloroethane	1.930	64	79164	5.124	ug/L	95
9) Trichlorofluoromethane	2.136	101	165337	5.036	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	105233	5.267	ug/L	99
12) 1,1-Dichloroethene	2.576	96	93311	5.208	ug/L	90
13) Acetone	2.637	43	143102	53.666	ug/L	98
14) Carbon disulfide	2.789	76	364783	6.773	ug/L	98
15) Methyl Acetate	2.949	43	30698	5.049	ug/L	95
16) Methylene chloride	3.039	84	103121	4.804	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	217283	5.591	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	96267	5.331	ug/L	96
19) 1,1-Dichloroethane	3.866	63	177922	5.328	ug/L	97
21) 2-Butanone	4.705	43	202872	51.873	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	105770	5.052	ug/L	97
23) Bromochloromethane	4.972	128	46465	5.251	ug/L	93
25) Chloroform	5.084	83	193269	5.466	ug/L	97

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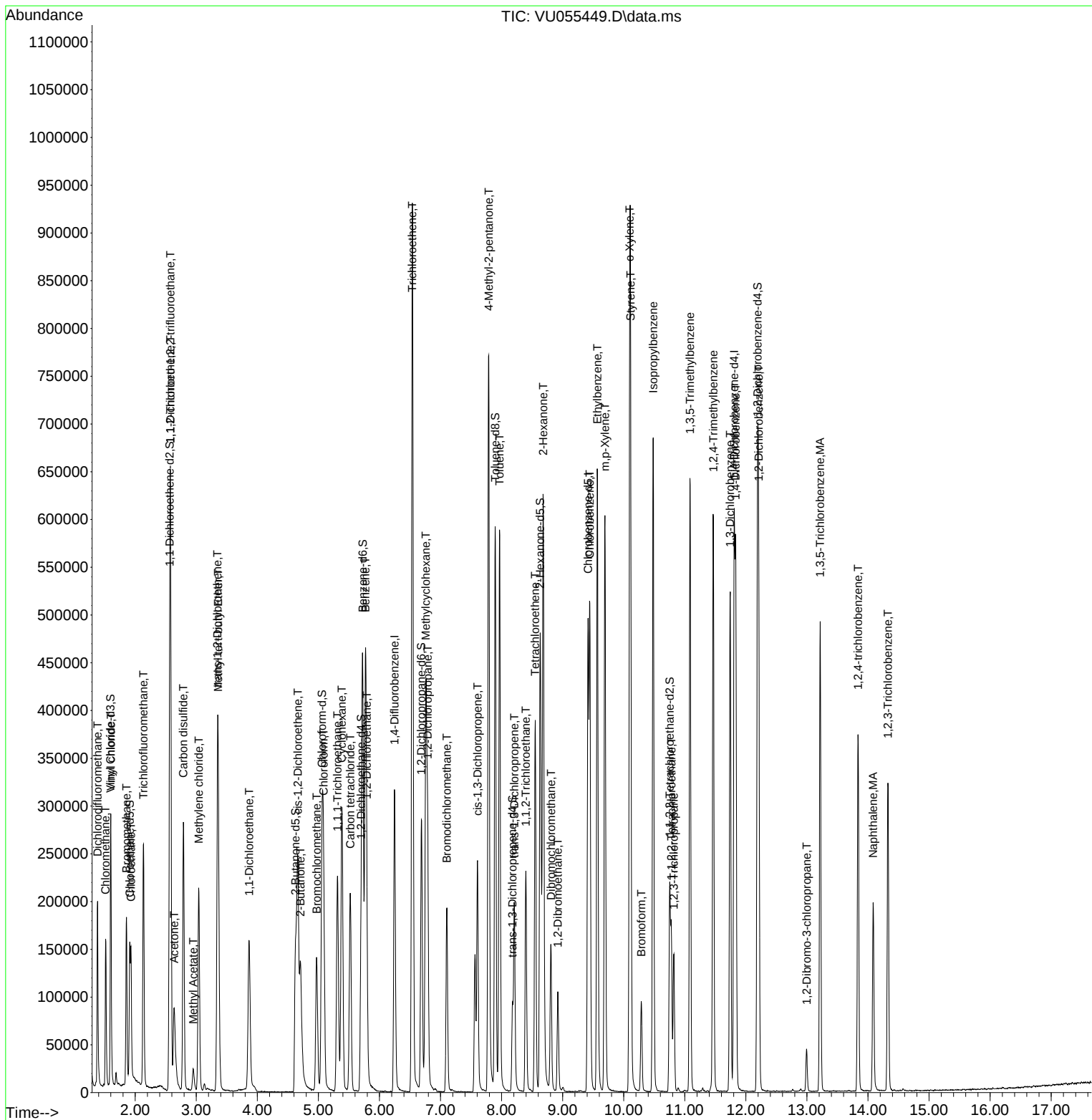
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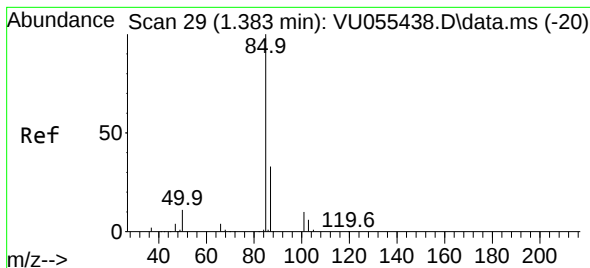
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	118035	5.443	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	166178	5.565	ug/L	99
30) Cyclohexane	5.383	56	141423	5.174	ug/L	99
31) Carbon tetrachloride	5.522	117	142604	5.572	ug/L	99
33) Benzene	5.769	78	410307	5.443	ug/L	100
34) Trichloroethene	6.538	95	321749	15.088	ug/L	99
35) Methylcyclohexane	6.759	83	157985	5.143	ug/L	98
37) 1,2-Dichloropropane	6.788	63	101549	5.151	ug/L	99
38) Bromodichloromethane	7.103	83	125861	5.447	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	146034	5.550	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	479824	53.650	ug/L	99
42) Toluene	7.965	91	431953	5.372	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	112503	5.344	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	72090	5.215	ug/L	98
47) Tetrachloroethene	8.550	164	84729	5.539	ug/L	98
48) 2-Hexanone	8.682	43	381562	55.048	ug/L	99
49) Dibromochloromethane	8.808	129	79033	5.454	ug/L	93
50) 1,2-Dibromoethane	8.920	107	68651	5.351	ug/L	99
51) Chlorobenzene	9.444	112	267214	5.188	ug/L	99
52) Ethylbenzene	9.566	91	455976	5.289	ug/L	98
53) m,p-Xylene	9.692	106	172707	5.346	ug/L	100
54) o-Xylene	10.097	106	169583	5.399	ug/L	97
55) Styrene	10.113	104	282726	5.567	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	82078	5.259	ug/L	98
59) Bromoform	10.287	173	42484	5.377	ug/L	99
60) Isopropylbenzene	10.483	105	446348	5.254	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	59923	5.208	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	353443	5.202	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	346857	5.216	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	219145	5.388	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	209278	5.148	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	196883	5.280	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	11553	5.792	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	145345	5.189	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	110343	5.167	ug/L	99
71) Naphthalene	14.084	128	165410	5.351	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	97917	5.270	ug/L	99

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

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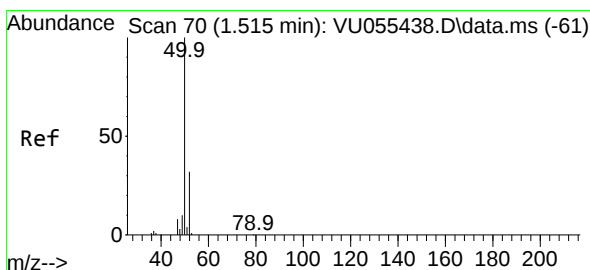
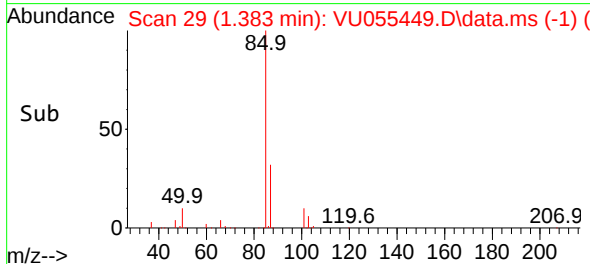
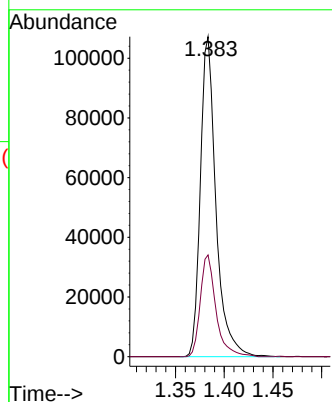
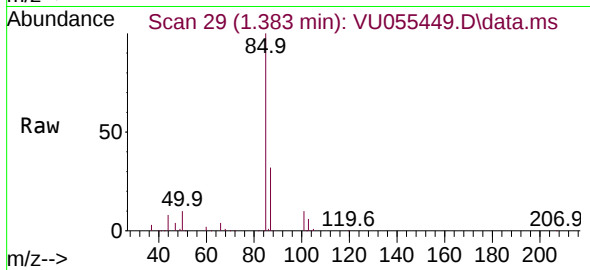




#2
 Dichlorodifluoromethane
 Concen: 4.762 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055449.D
 Acq: 21 Sep 2023 16:36

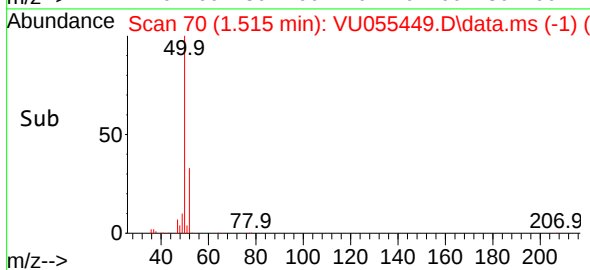
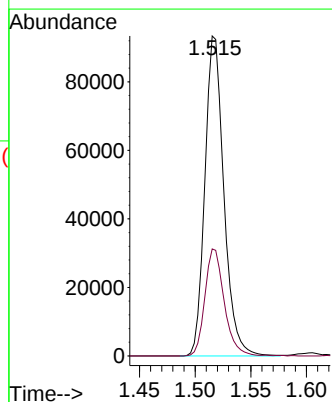
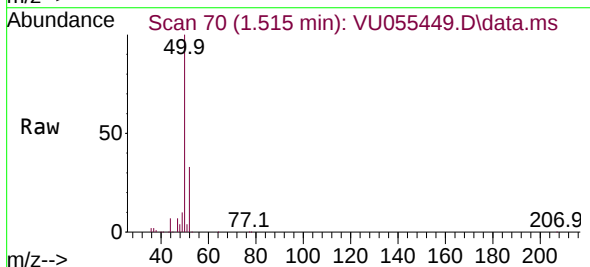
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 ClientSampleId :

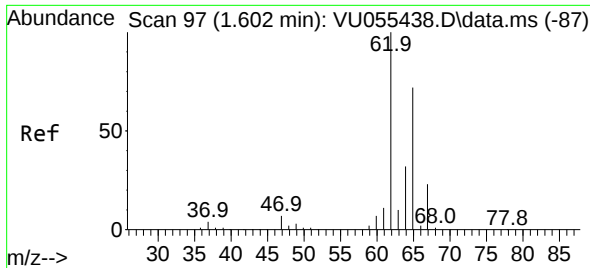
Tgt Ion: 85 Resp: 118796
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.053 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU055449.D
 Acq: 21 Sep 2023 16:36

Tgt Ion: 50 Resp: 110896
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.9 42.5

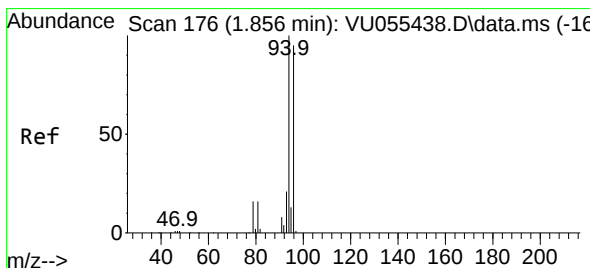
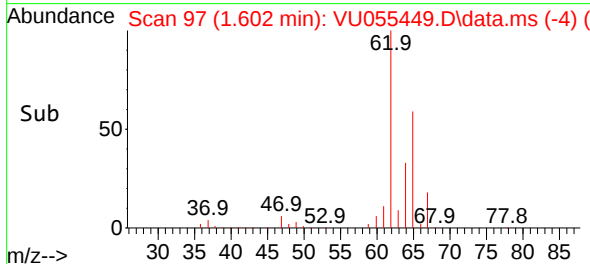
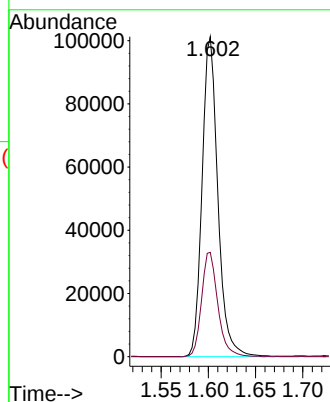
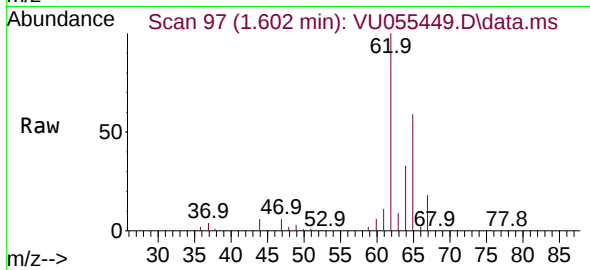




#5
 Vinyl chloride
 Concen: 4.960 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055449.D
 Acq: 21 Sep 2023 16:36

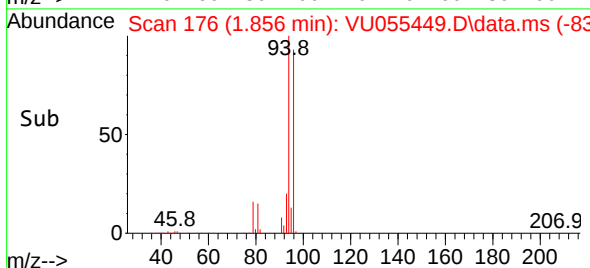
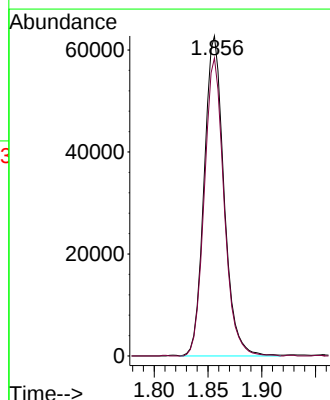
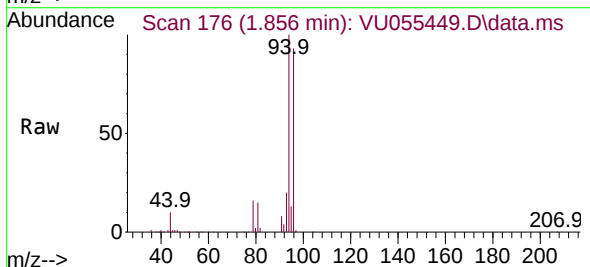
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 ClientSampleId :

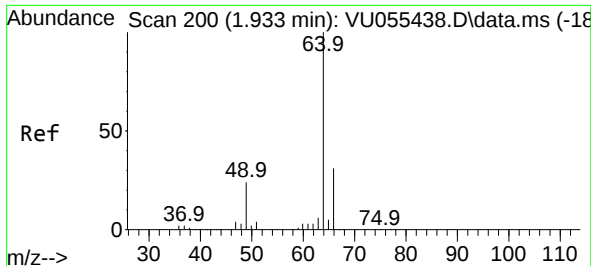
Tgt Ion: 62 Resp: 117441
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.3 41.5



#6
 Bromomethane
 Concen: 5.354 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU055449.D
 Acq: 21 Sep 2023 16:36

Tgt Ion: 94 Resp: 80521
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.4 123.2





#8

Chloroethane

Concen: 5.124 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.003 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

Instrument :

MSVOA_U

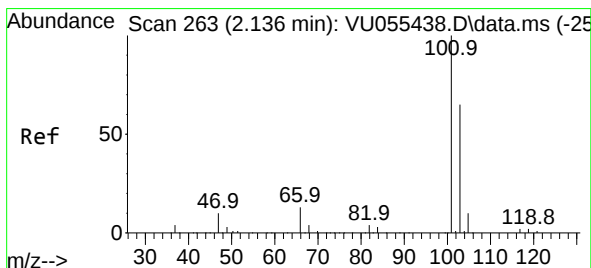
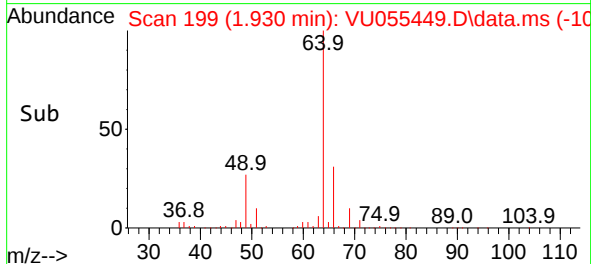
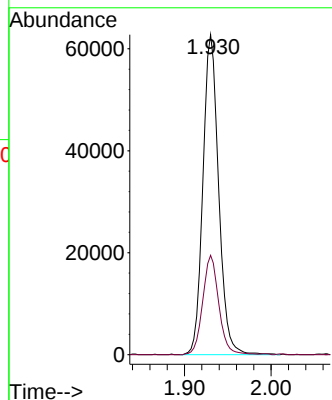
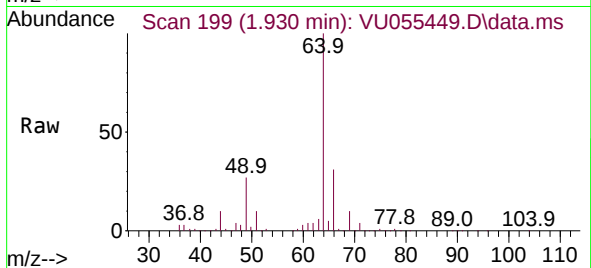
ClientSampleId :

Tgt Ion: 64 Resp: 79164

Ion Ratio Lower Upper

64 100

66 31.0 23.7 44.1



#9

Trichlorofluoromethane

Concen: 5.036 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.000 min

Lab File: VU055449.D

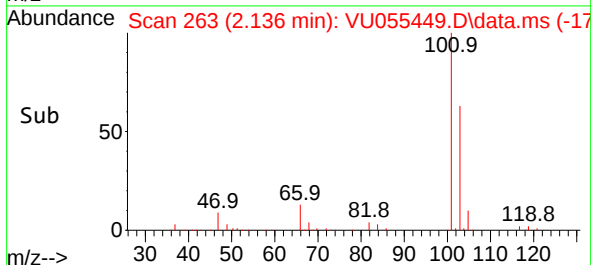
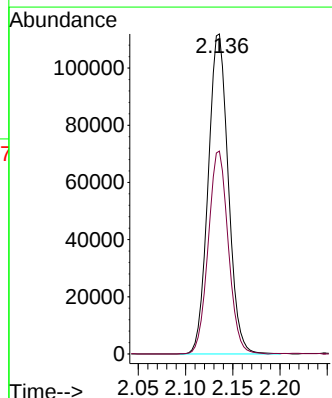
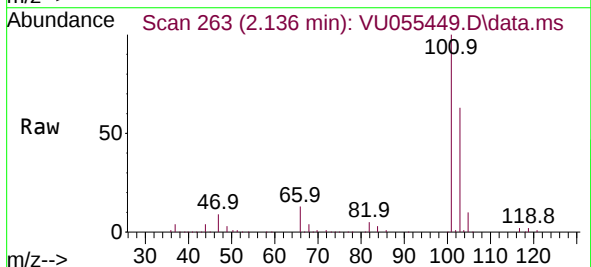
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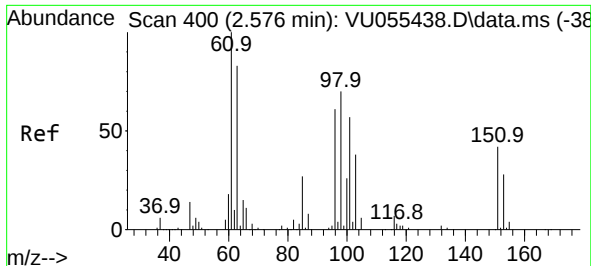
Tgt Ion:101 Resp: 165337

Ion Ratio Lower Upper

101 100

103 63.2 52.0 78.0

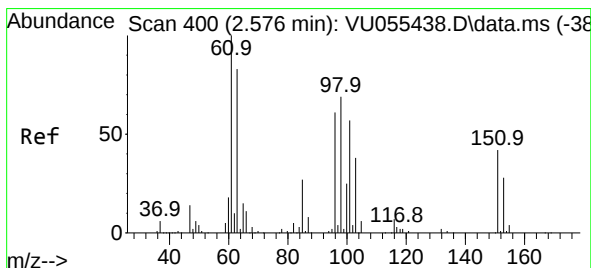
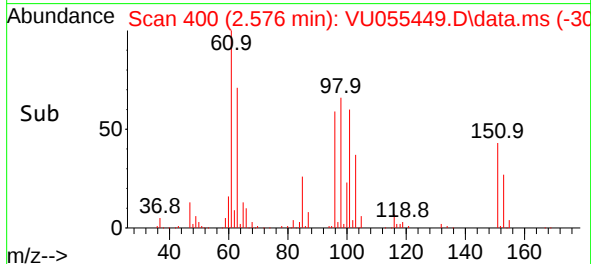
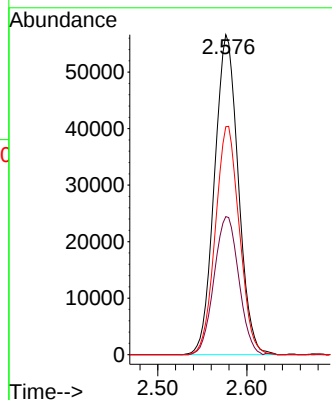
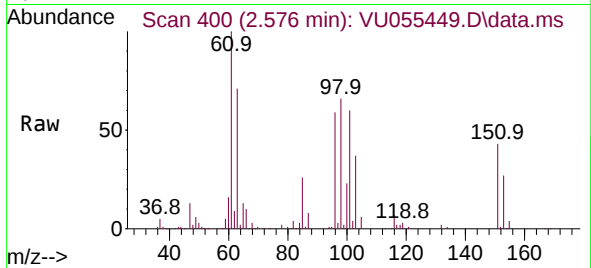




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.267 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

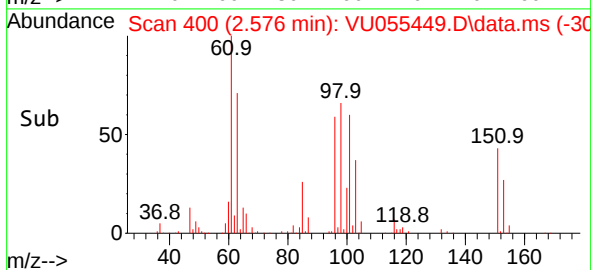
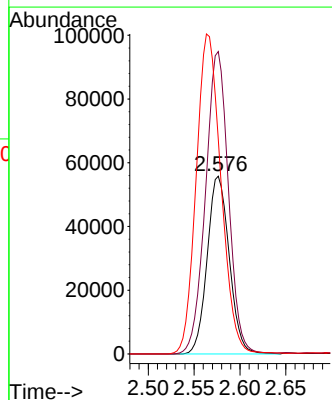
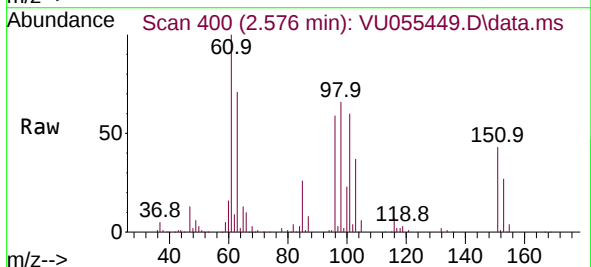
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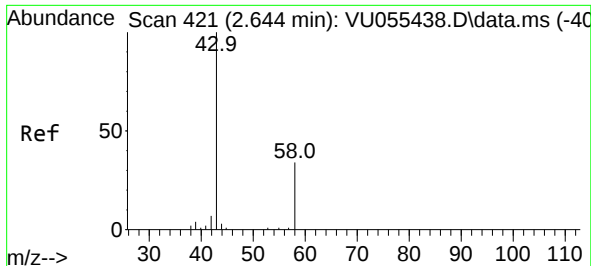
Tgt Ion:101 Resp: 105233
Ion Ratio Lower Upper
101 100
85 44.6 35.8 53.6
151 72.1 58.2 87.4



#12
1,1-Dichloroethene
Concen: 5.208 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Tgt Ion: 96 Resp: 93311
Ion Ratio Lower Upper
96 100
61 170.1 114.5 212.7
63 120.8 98.3 182.5





#13

Acetone

Concen: 53.666 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.006 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

Instrument :

MSVOA_U

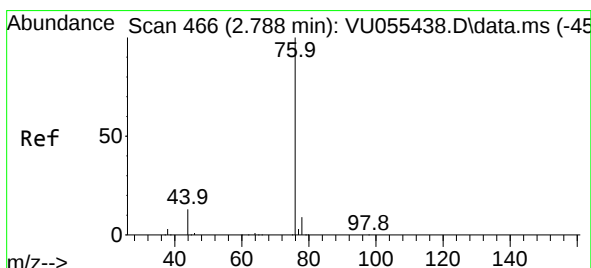
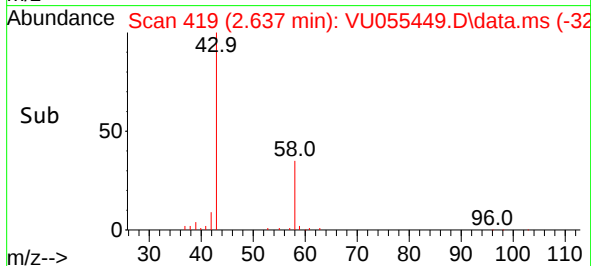
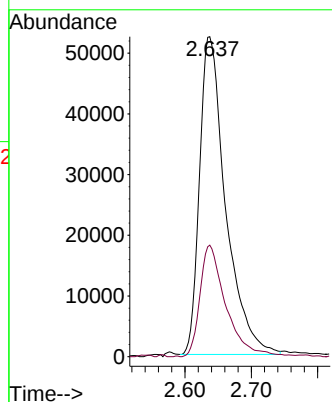
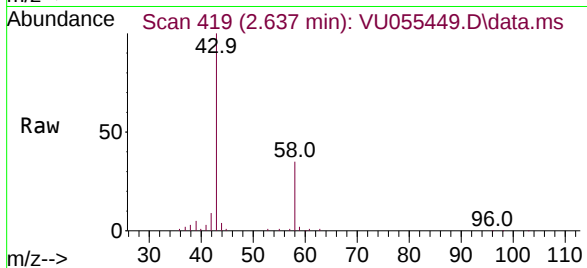
ClientSampleId :

Tgt Ion: 43 Resp: 143102

Ion Ratio Lower Upper

43 100

58 34.7 0.0 72.2



#14

Carbon disulfide

Concen: 6.773 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU055449.D

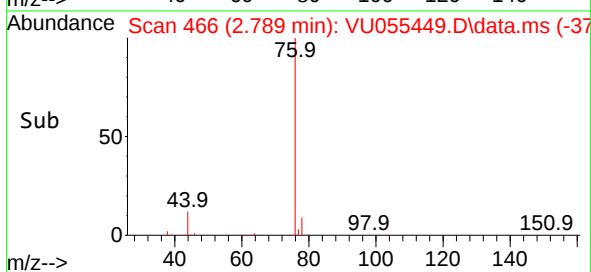
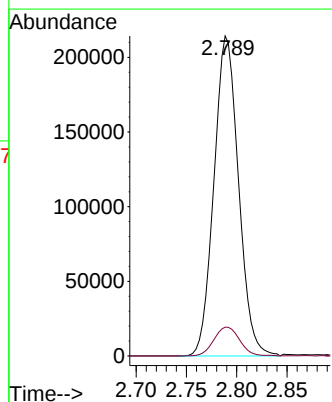
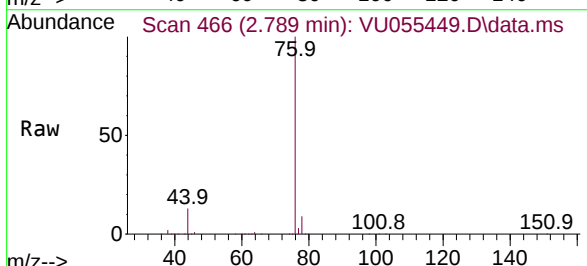
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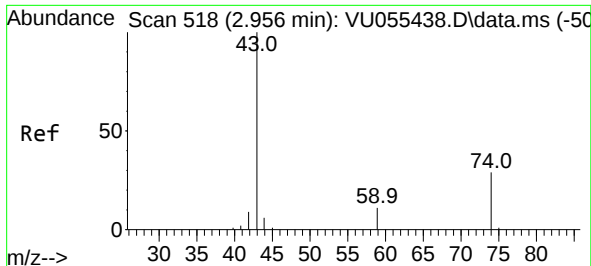
Tgt Ion: 76 Resp: 364783

Ion Ratio Lower Upper

76 100

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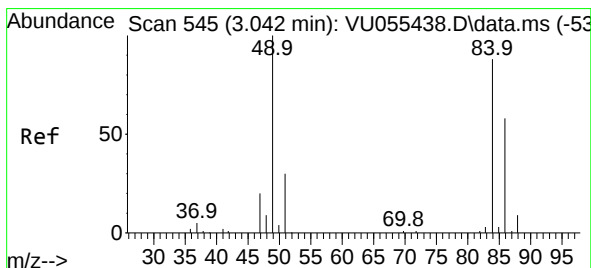
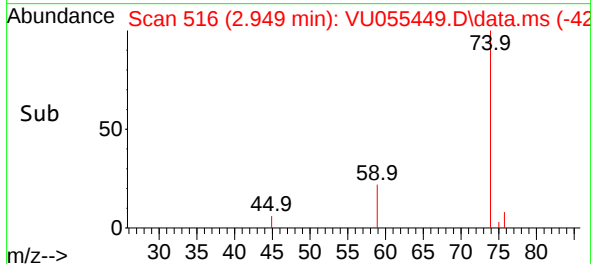
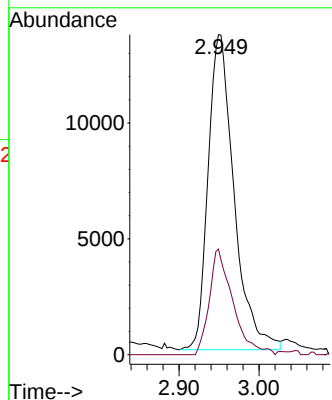
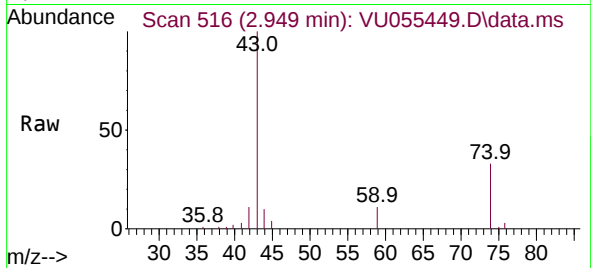




#15
Methyl Acetate
Concen: 5.049 ug/L
RT: 2.949 min Scan# 518
Delta R.T. -0.006 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

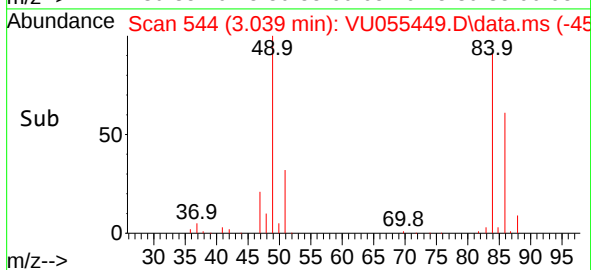
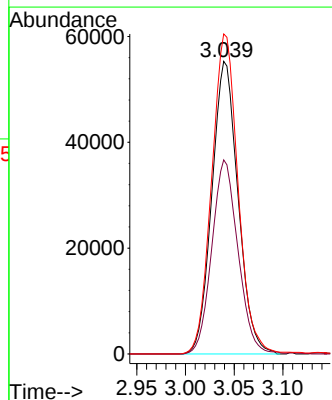
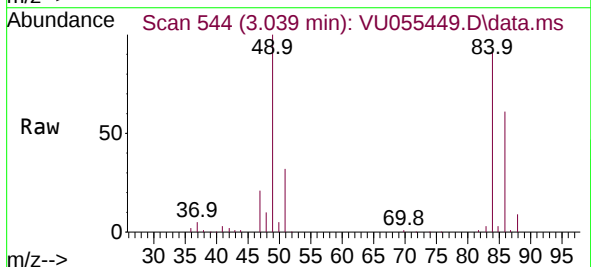
Instrument :
MSVOA_U
ClientSampleId :

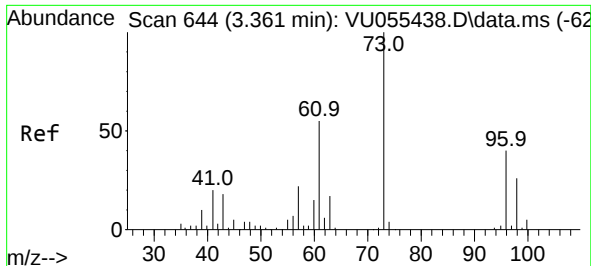
Tgt Ion: 43 Resp: 30698
Ion Ratio Lower Upper
43 100
74 30.3 22.3 33.5



#16
Methylene chloride
Concen: 4.804 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Tgt Ion: 84 Resp: 103121
Ion Ratio Lower Upper
84 100
86 66.3 44.9 83.3
49 109.4 78.8 146.3

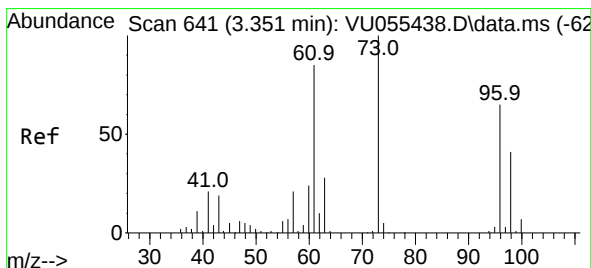
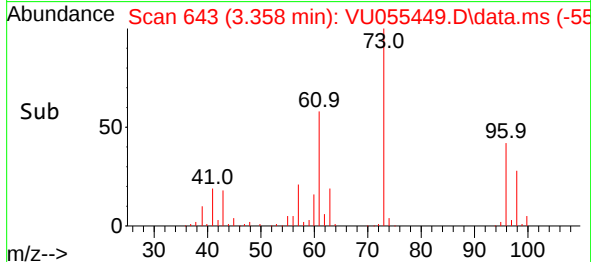
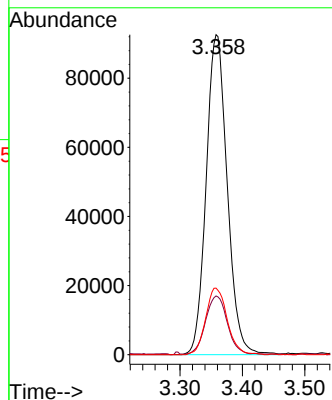
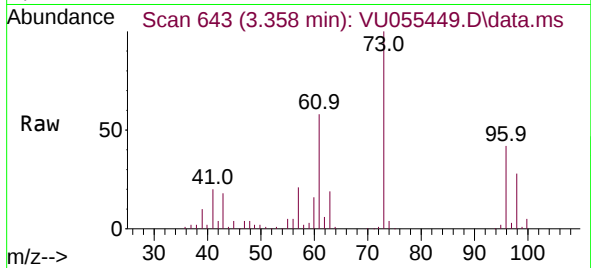




#17
Methyl tert-butyl Ether
Concen: 5.591 ug/L
RT: 3.358 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

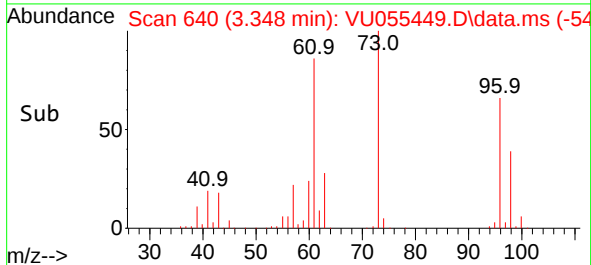
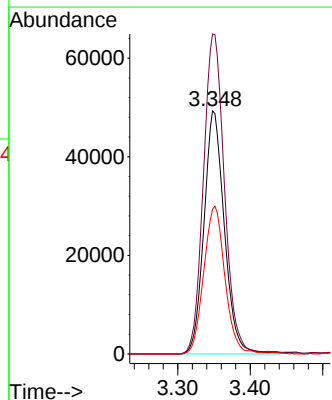
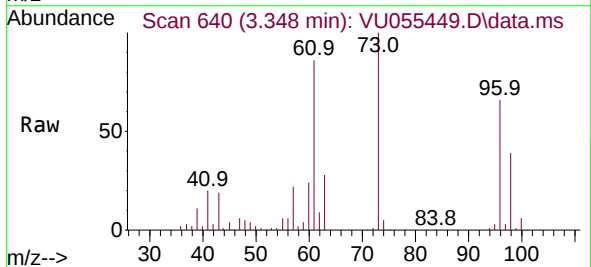
Instrument :
MSVOA_U
ClientSampleId :

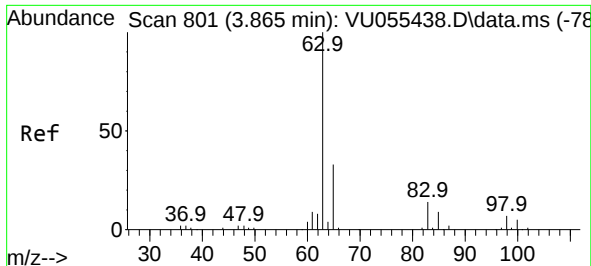
Tgt Ion: 73 Resp: 217283
Ion Ratio Lower Upper
73 100
43 18.6 14.9 22.3
57 21.2 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.331 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Tgt Ion: 96 Resp: 96267
Ion Ratio Lower Upper
96 100
61 131.6 94.6 175.6
98 59.4 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.328 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

Instrument :

MSVOA_U

ClientSampleId :

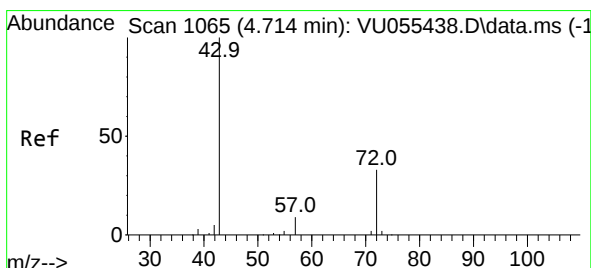
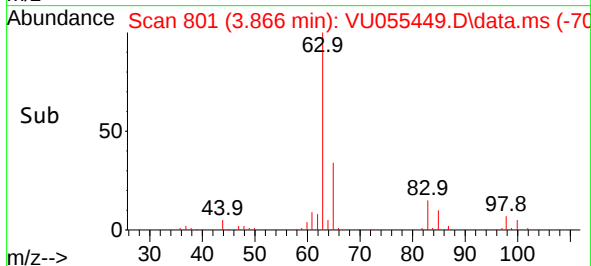
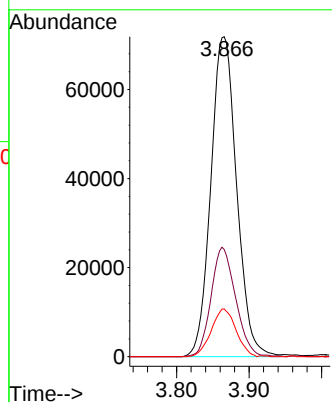
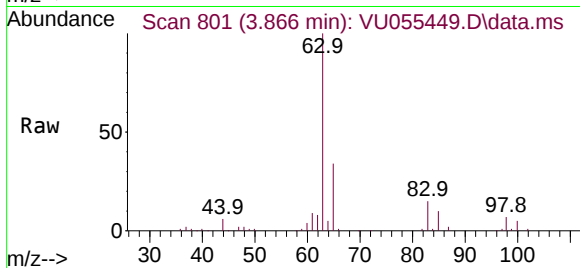
Tgt Ion: 63 Resp: 177922

Ion Ratio Lower Upper

63 100

65 33.5 22.0 41.0

83 14.9 10.1 18.9



#21

2-Butanone

Concen: 51.873 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.009 min

Lab File: VU055449.D

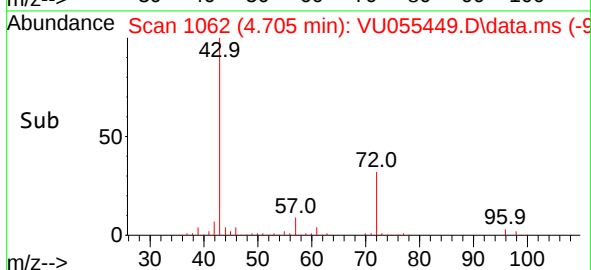
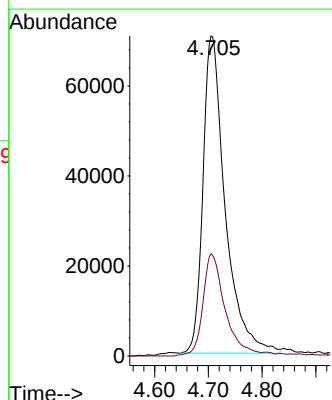
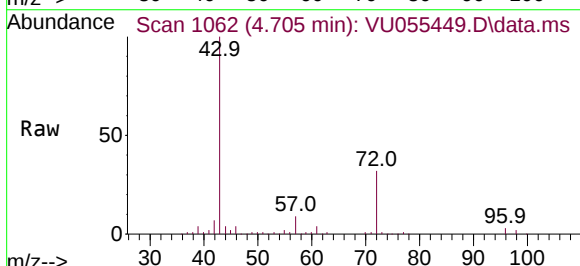
Acq: 21 Sep 2023 16:36

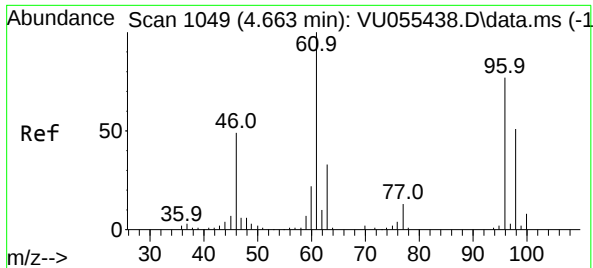
Tgt Ion: 43 Resp: 202872

Ion Ratio Lower Upper

43 100

72 31.8 15.1 45.3

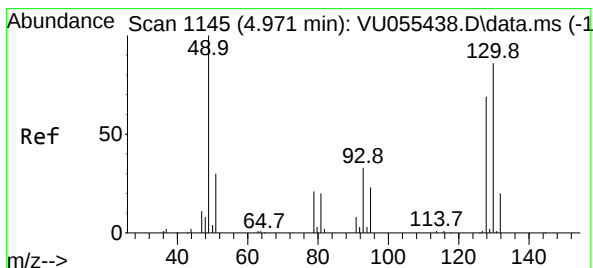
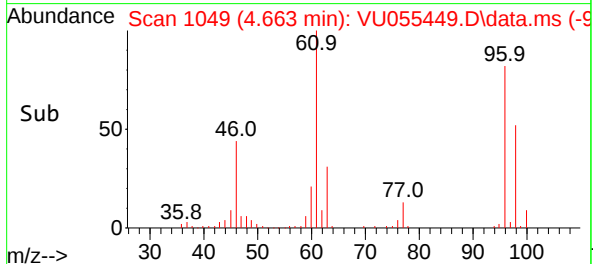
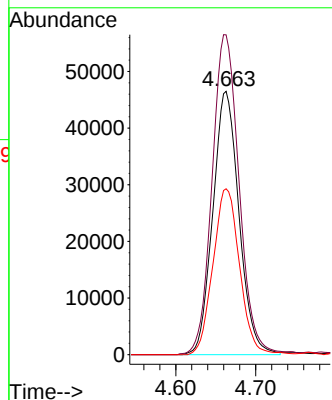
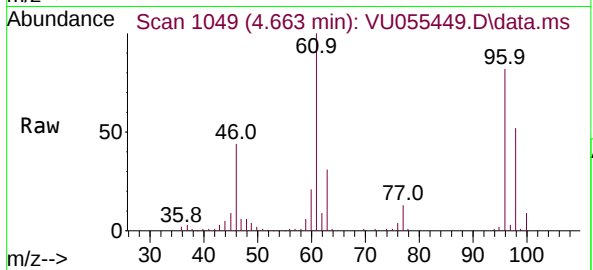




#22
 cis-1,2-Dichloroethene
 Concen: 5.052 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055449.D
 Acq: 21 Sep 2023 16:36

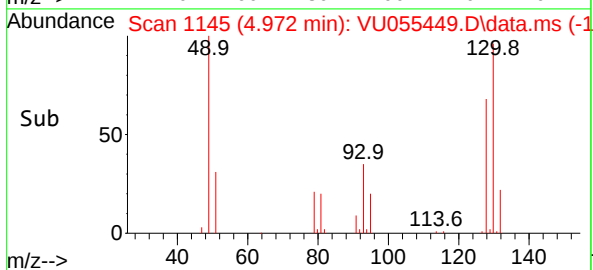
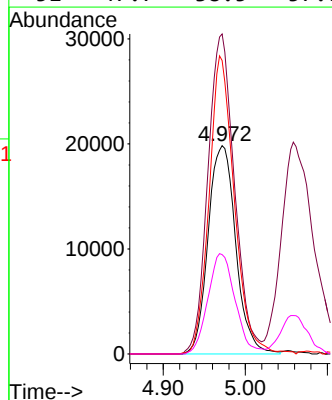
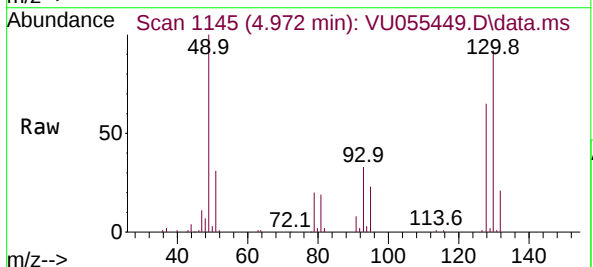
Instrument :
 MSVOA_U
 ClientSampleId :

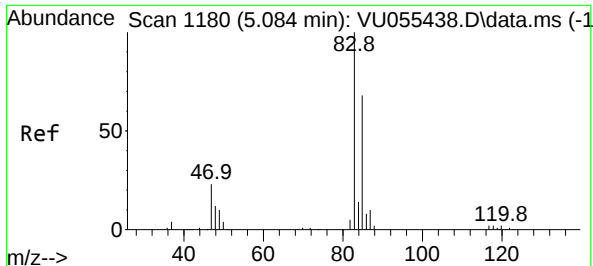
Tgt Ion: 96 Resp: 105770
 Ion Ratio Lower Upper
 96 100
 61 121.5 87.8 163.2
 98 63.0 44.4 82.4



#23
 Bromochloromethane
 Concen: 5.251 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU055449.D
 Acq: 21 Sep 2023 16:36

Tgt Ion:128 Resp: 46465
 Ion Ratio Lower Upper
 128 100
 49 153.6 102.8 191.0
 130 140.8 89.9 166.9
 51 47.7 38.5 57.7





#25

Chloroform

Concen: 5.466 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

Instrument :

MSVOA_U

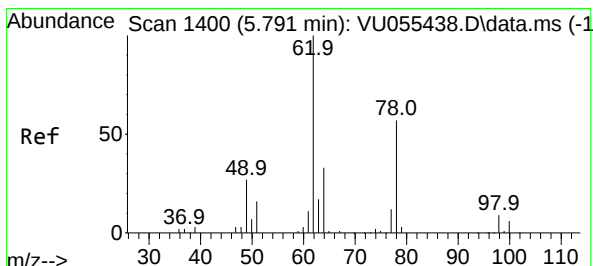
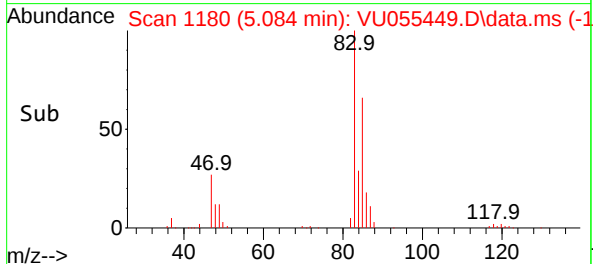
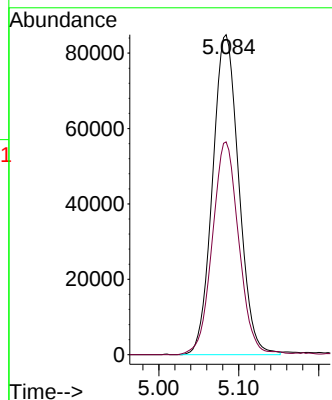
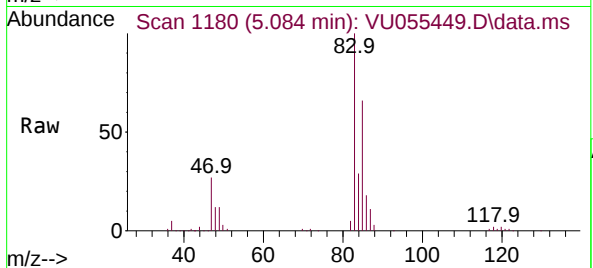
ClientSampleId :

Tgt Ion: 83 Resp: 193269

Ion Ratio Lower Upper

83 100

85 66.5 44.9 83.5



#27

1,2-Dichloroethane

Concen: 5.443 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU055449.D

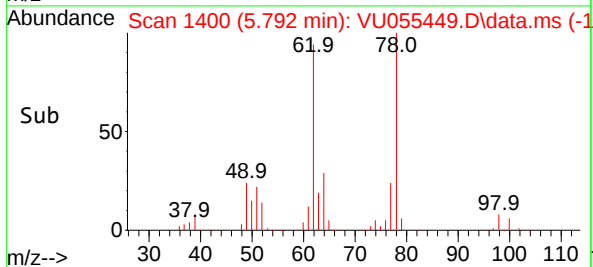
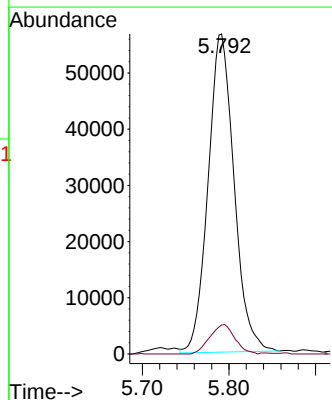
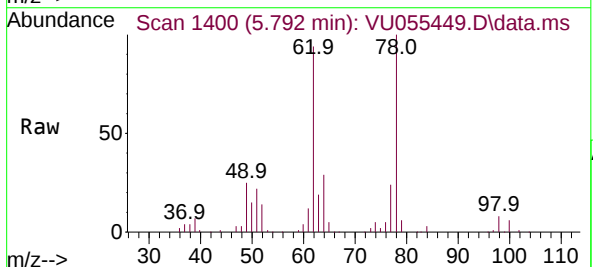
Acq: 21 Sep 2023 16:36

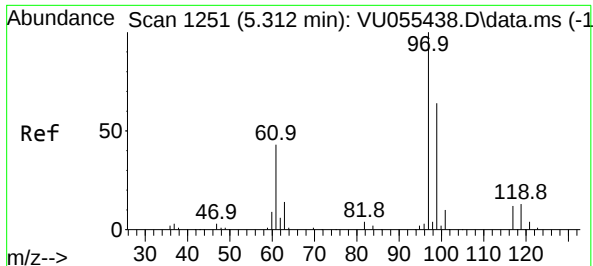
Tgt Ion: 62 Resp: 118035

Ion Ratio Lower Upper

62 100

98 9.0 7.0 10.4

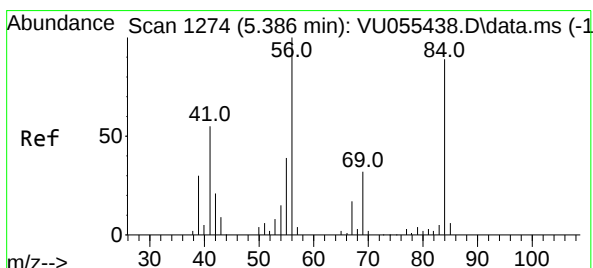
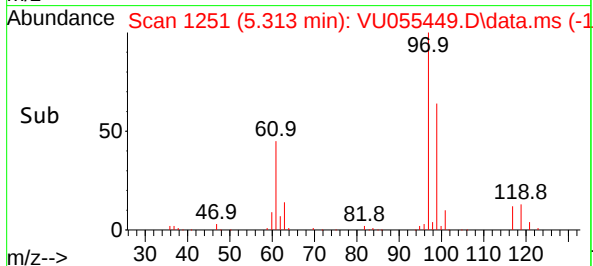
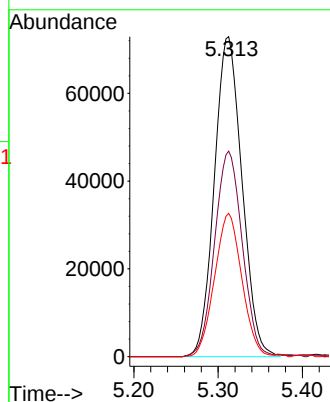
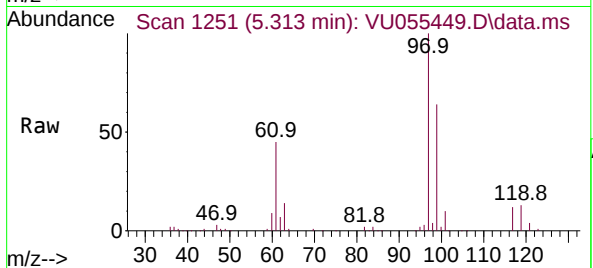




#29
1,1,1-Trichloroethane
Concen: 5.565 ug/L
RT: 5.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

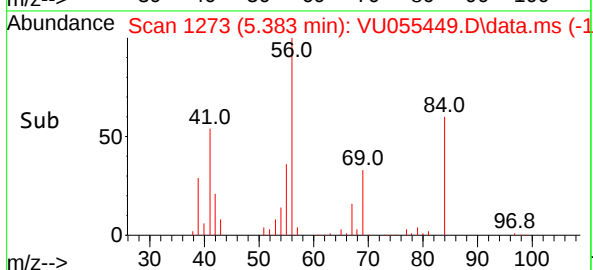
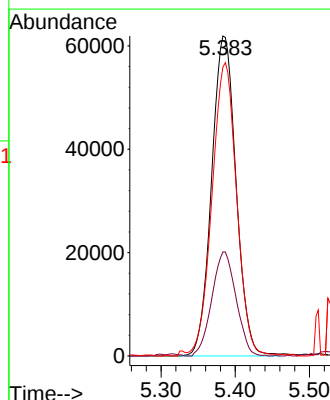
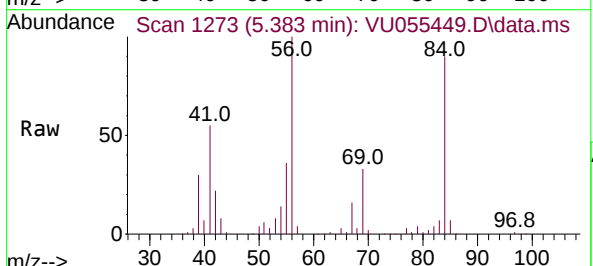
Instrument :
MSVOA_U
ClientSampleId :

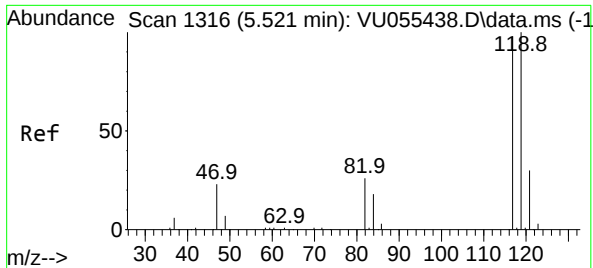
Tgt Ion: 97 Resp: 166178
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 44.2 34.6 51.8



#30
Cyclohexane
Concen: 5.174 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Tgt Ion: 56 Resp: 141423
Ion Ratio Lower Upper
56 100
69 32.3 26.5 39.7
84 91.2 72.6 108.8

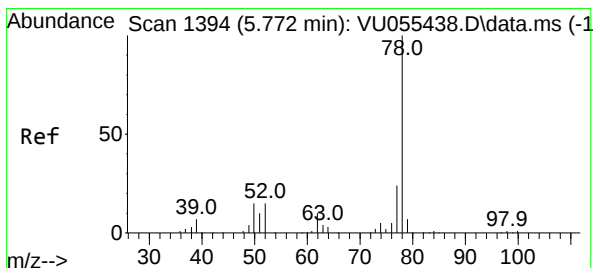
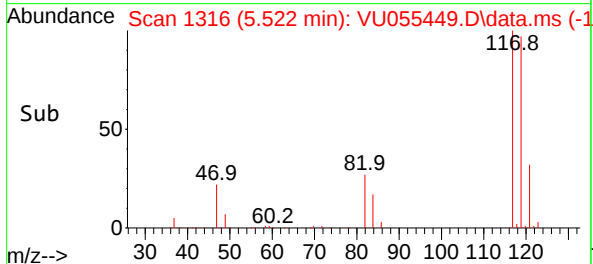
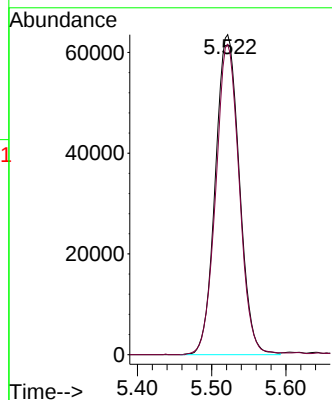
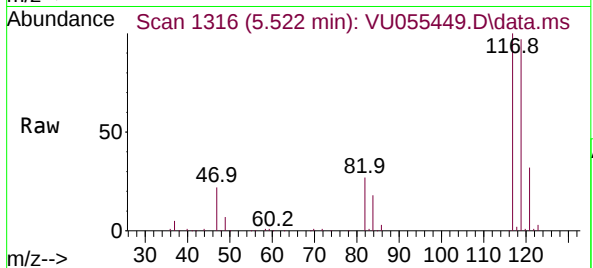




#31
Carbon tetrachloride
Concen: 5.572 ug/L
RT: 5.522 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

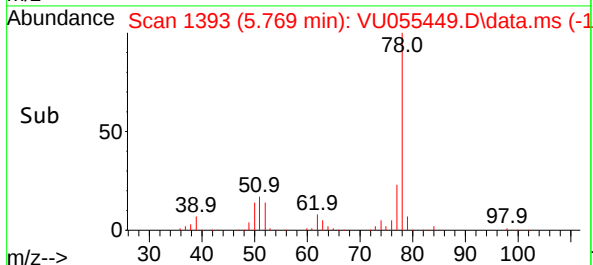
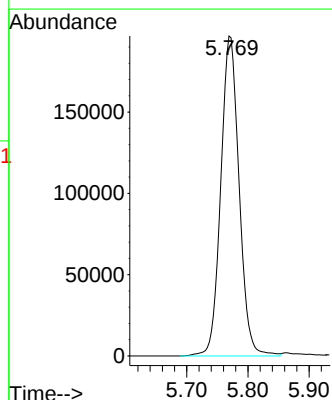
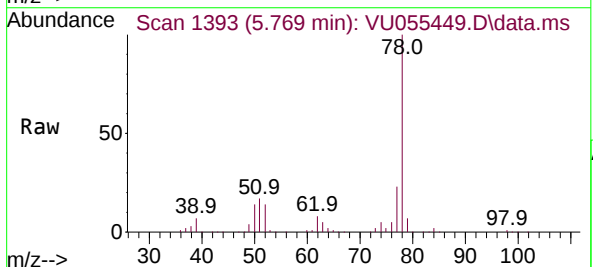
Instrument :
MSVOA_U
ClientSampleId :

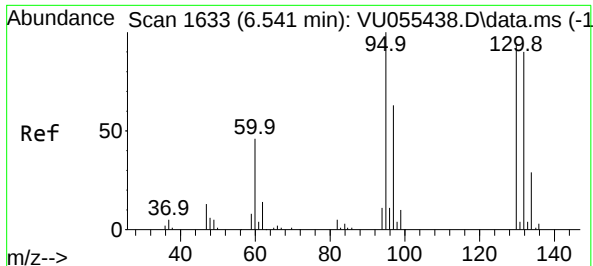
Tgt Ion:117 Resp: 142604
Ion Ratio Lower Upper
117 100
119 95.1 75.2 112.8



#33
Benzene
Concen: 5.443 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Tgt Ion: 78 Resp: 410307





#34

Trichloroethene

Concen: 15.088 ug/L

RT: 6.538 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 321749

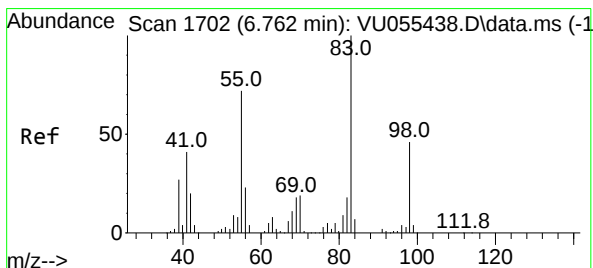
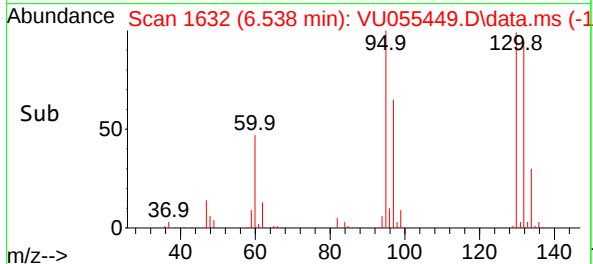
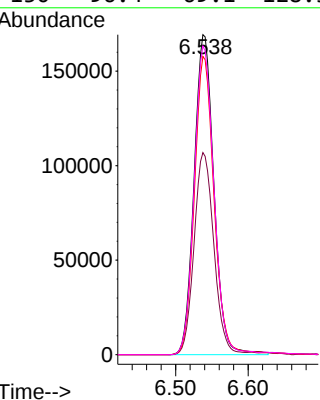
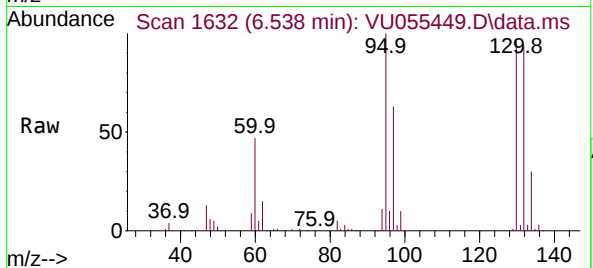
Ion Ratio Lower Upper

95 100

97 63.1 45.4 84.2

132 93.2 65.2 121.2

130 96.4 69.1 128.3



#35

Methylcyclohexane

Concen: 5.143 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

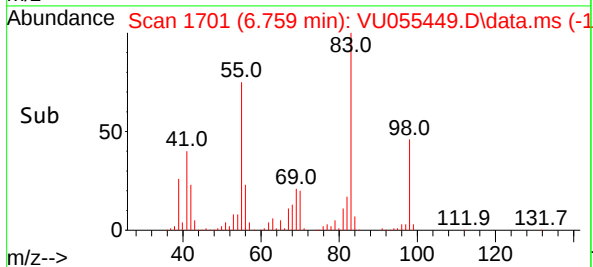
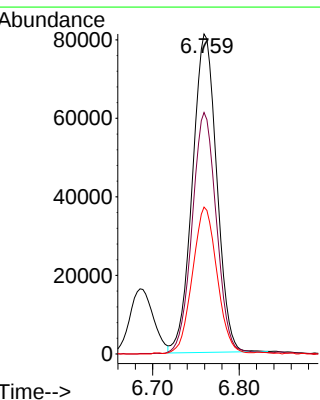
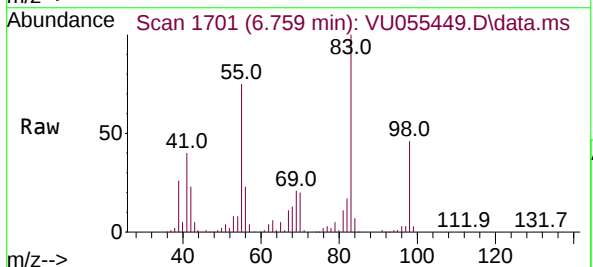
Tgt Ion: 83 Resp: 157985

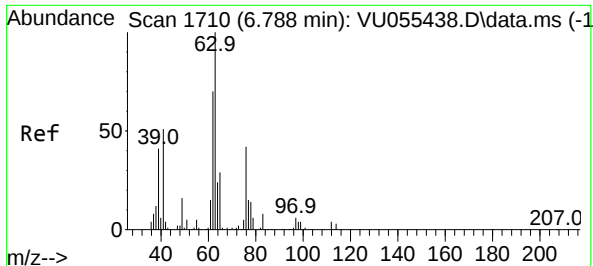
Ion Ratio Lower Upper

83 100

55 75.9 59.1 88.7

98 46.3 36.3 54.5





#37

1,2-Dichloropropane

Concen: 5.151 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

Instrument :

MSVOA_U

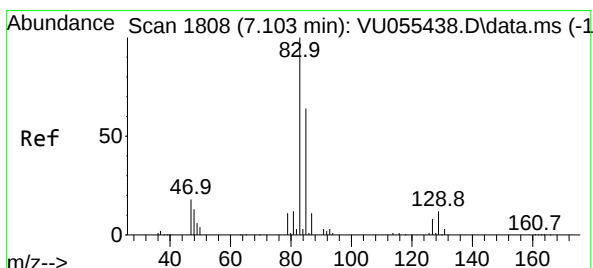
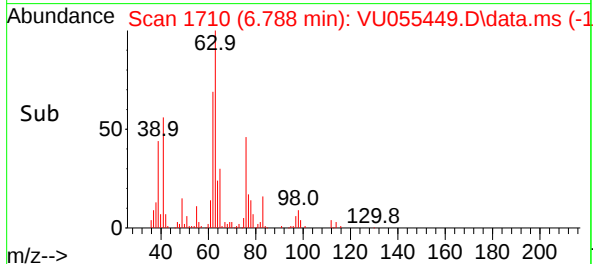
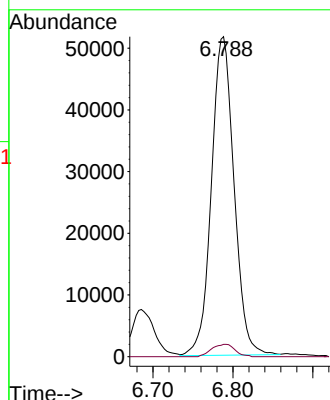
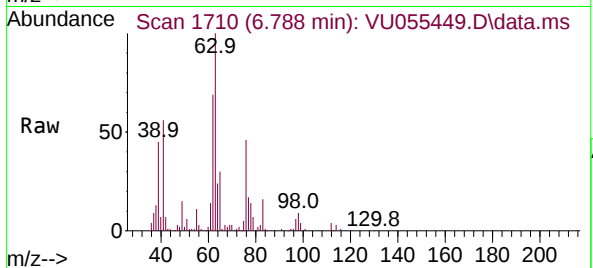
ClientSampleId :

Tgt Ion: 63 Resp: 101549

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.6



#38

Bromodichloromethane

Concen: 5.447 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

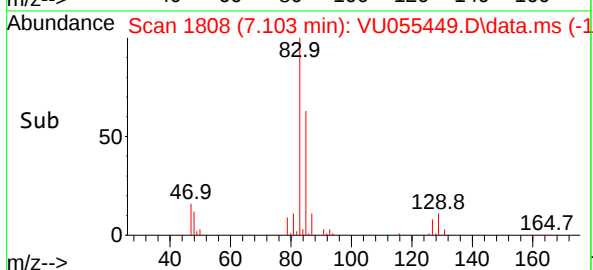
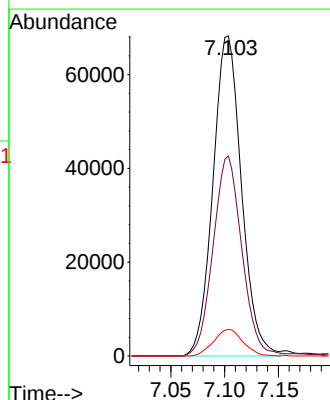
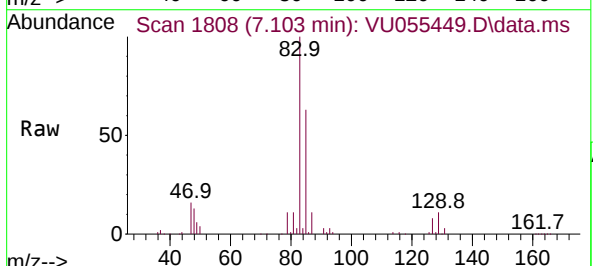
Tgt Ion: 83 Resp: 125861

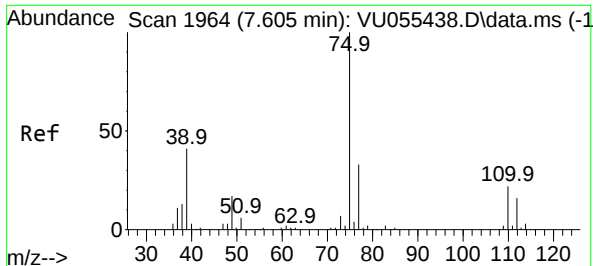
Ion Ratio Lower Upper

83 100

85 62.5 46.8 86.8

127 8.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.550 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

Instrument :

MSVOA_U

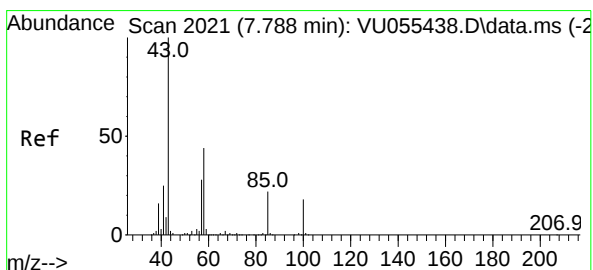
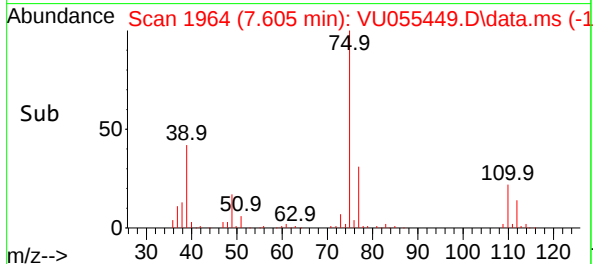
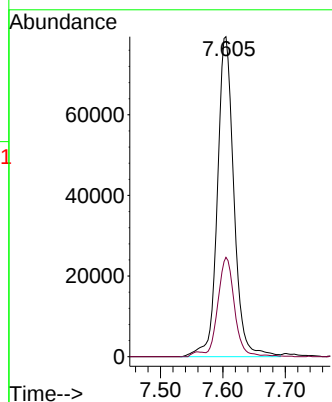
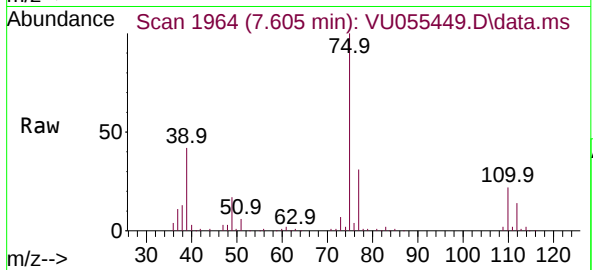
ClientSampleId :

Tgt Ion: 75 Resp: 146034

Ion Ratio Lower Upper

75 100

77 31.1 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 53.650 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

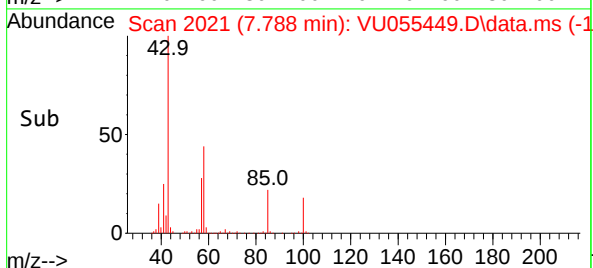
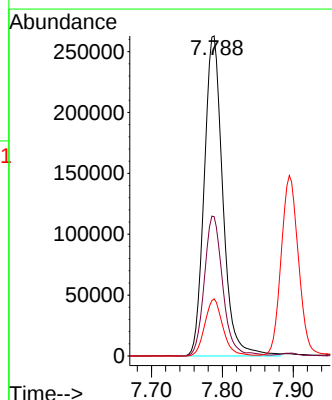
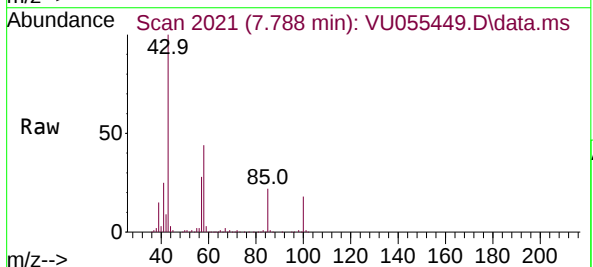
Tgt Ion: 43 Resp: 479824

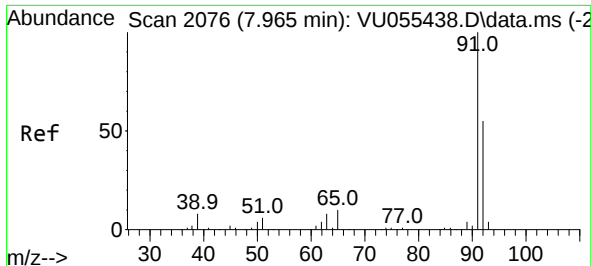
Ion Ratio Lower Upper

43 100

58 43.4 34.2 51.4

100 17.3 13.4 20.0





#42

Toluene

Concen: 5.372 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

Instrument :

MSVOA_U

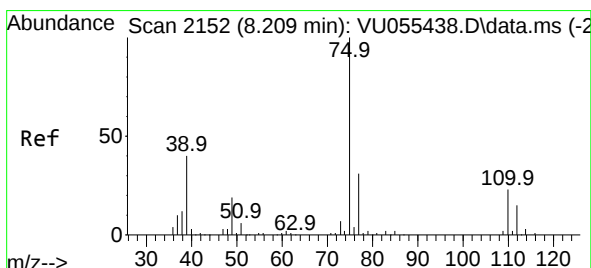
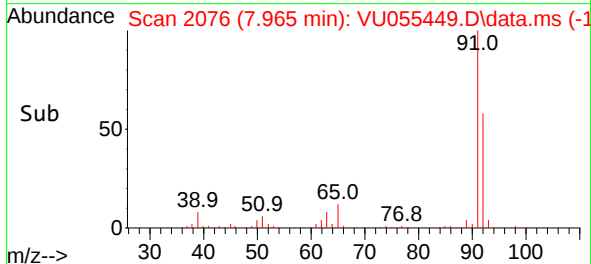
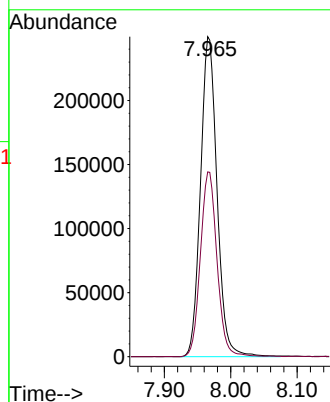
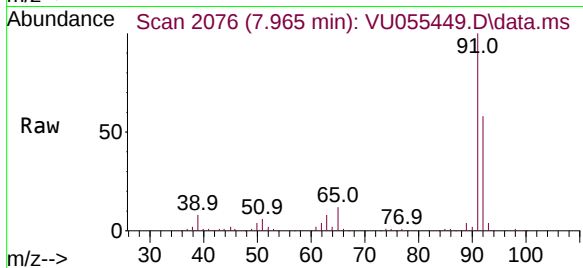
ClientSampleId :

Tgt Ion: 91 Resp: 431953

Ion Ratio Lower Upper

91 100

92 57.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.344 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.003 min

Lab File: VU055449.D

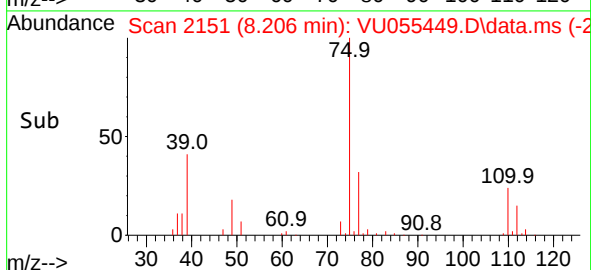
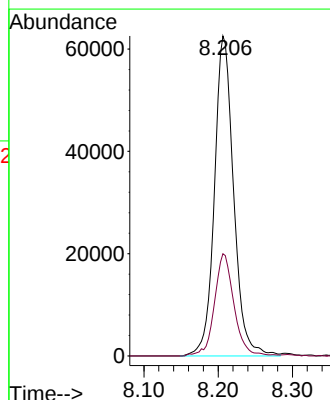
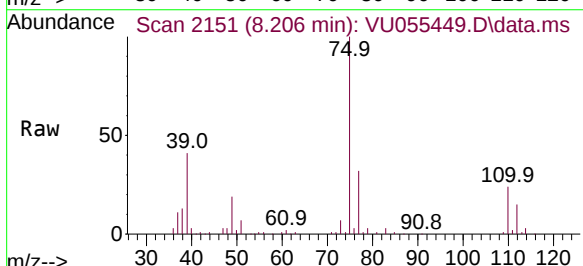
Acq: 21 Sep 2023 16:36

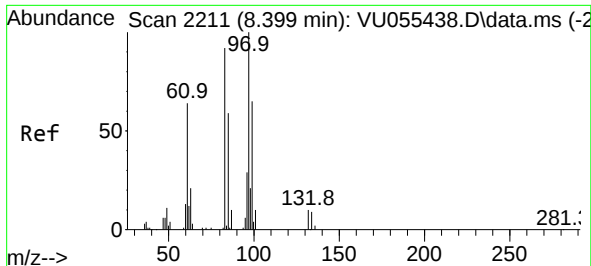
Tgt Ion: 75 Resp: 112503

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.4

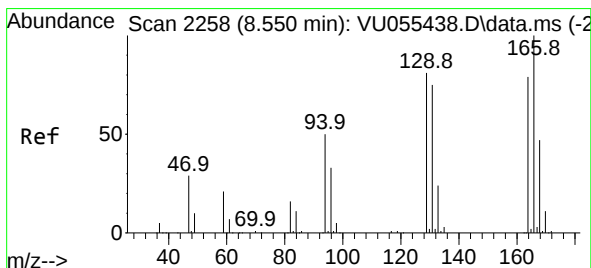
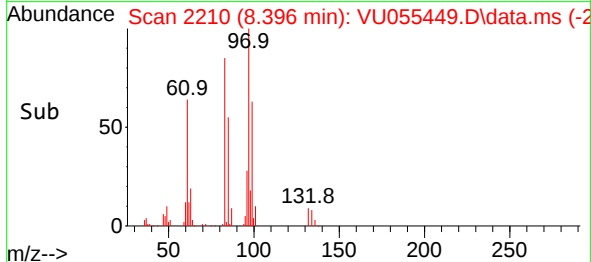
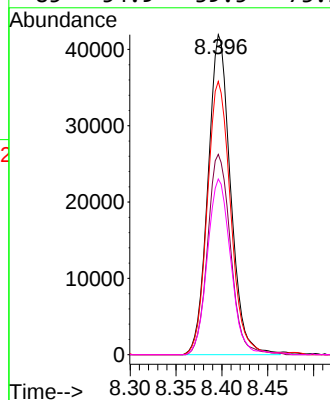
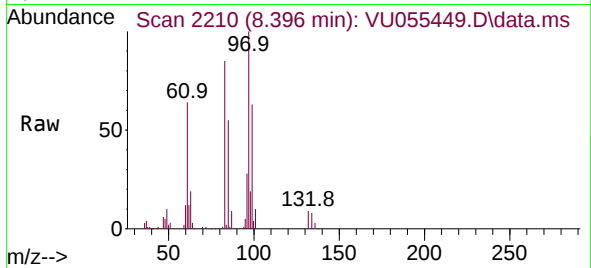




#45
1,1,2-Trichloroethane
Concen: 5.215 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.003 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

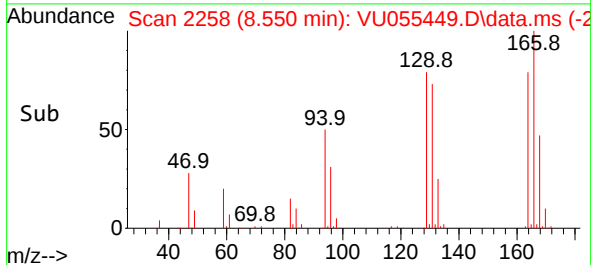
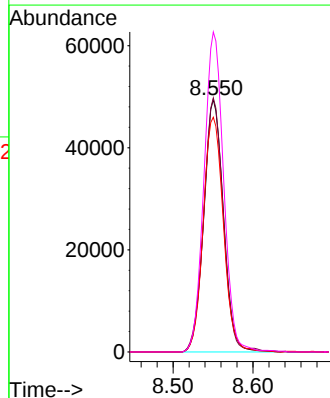
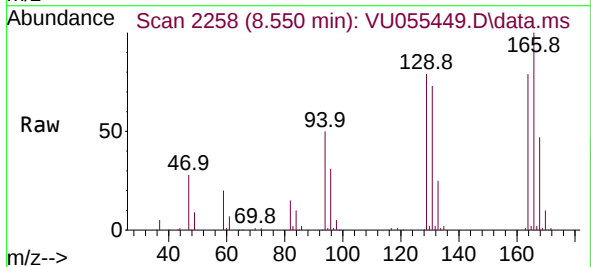
Instrument :
MSVOA_U
ClientSampleId :

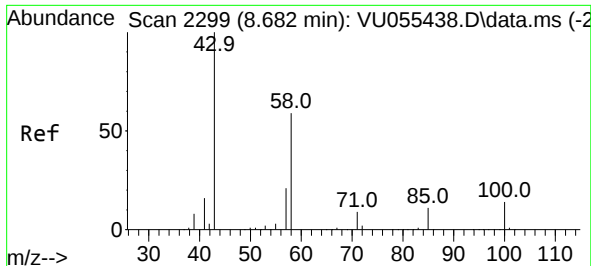
Tgt Ion:	97	Resp:	72090
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.1	81.9
83	85.4	61.5	114.1
85	54.9	39.5	73.3



#47
Tetrachloroethene
Concen: 5.539 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Tgt Ion:	164	Resp:	84729
Ion	Ratio	Lower	Upper
164	100		
129	100.6	67.4	125.2
131	93.0	66.4	123.2
166	126.7	88.8	165.0

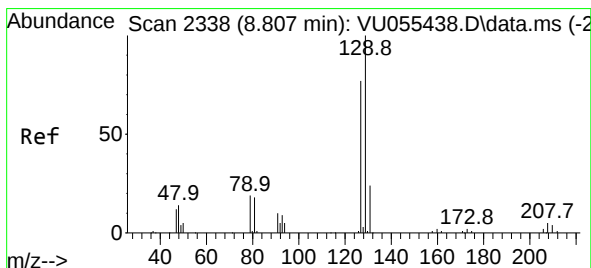
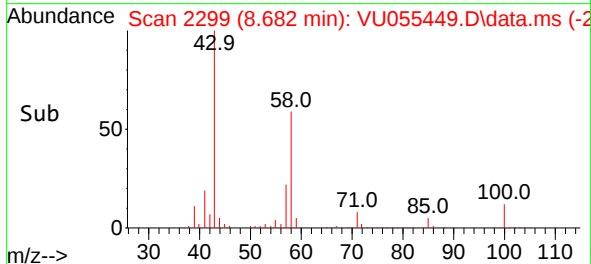
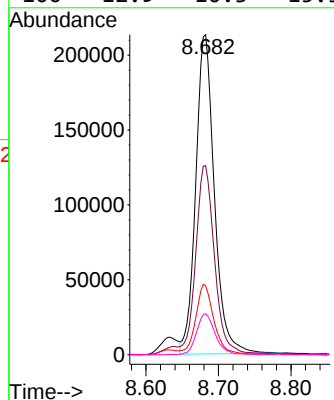
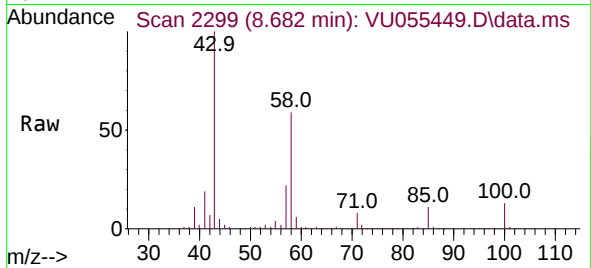




#48
2-Hexanone
Concen: 55.048 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

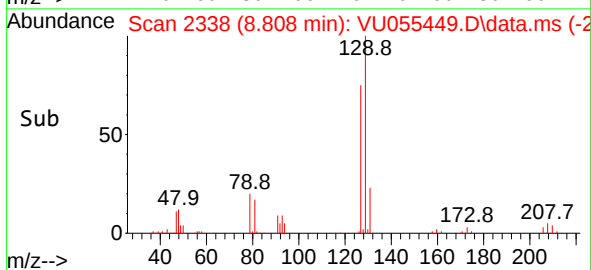
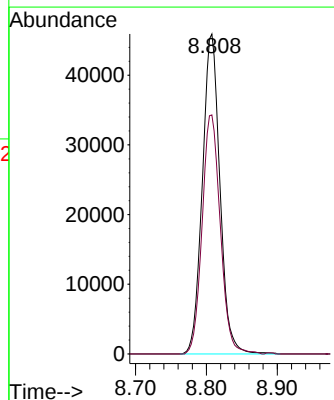
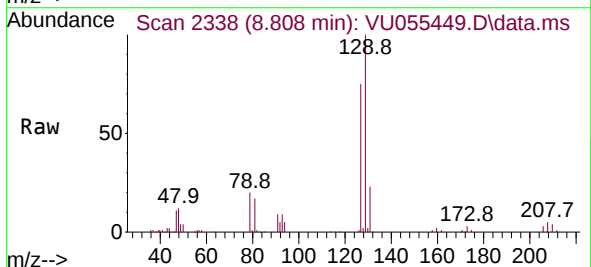
Instrument :
MSVOA_U
ClientSampleId :

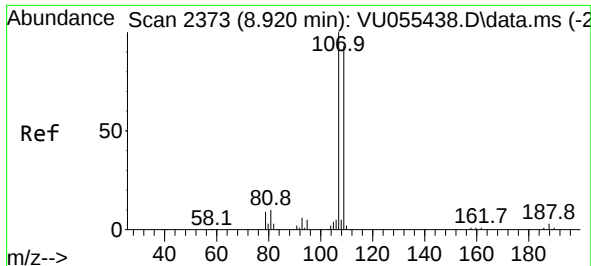
Tgt Ion:	43	Resp:	381562
Ion	Ratio	Lower	Upper
43	100		
58	59.6	48.5	72.7
57	21.3	17.0	25.4
100	12.9	10.3	15.5



#49
Dibromochloromethane
Concen: 5.454 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Tgt Ion:	129	Resp:	79033
Ion	Ratio	Lower	Upper
129	100		
127	74.7	56.8	105.6





#50

1,2-Dibromoethane

Concen: 5.351 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

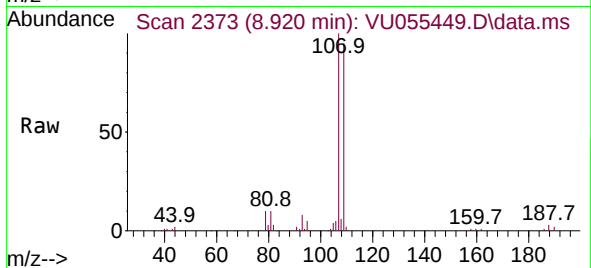
Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

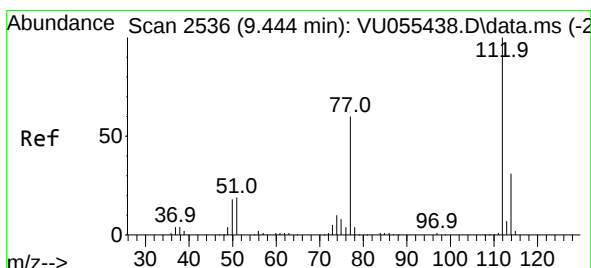
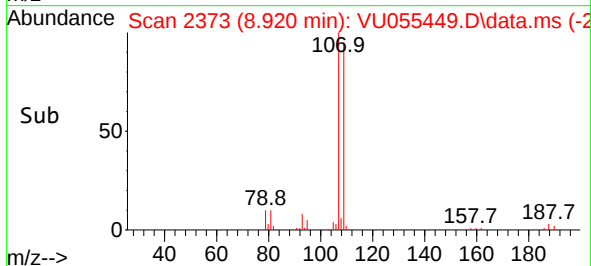
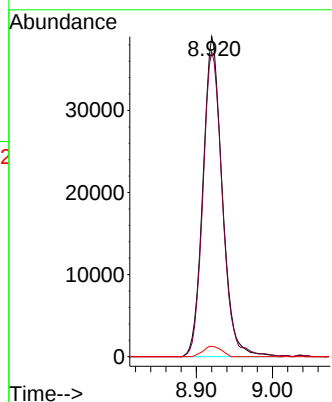
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	68651
Ion Ratio	Lower	Upper	
107	100		
109	95.3	66.1	122.8
188	3.3	3.2	4.8



#51

Chlorobenzene

Concen: 5.188 ug/L

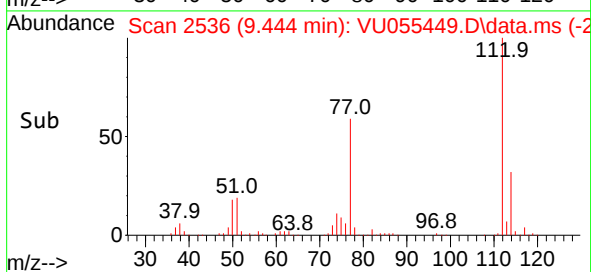
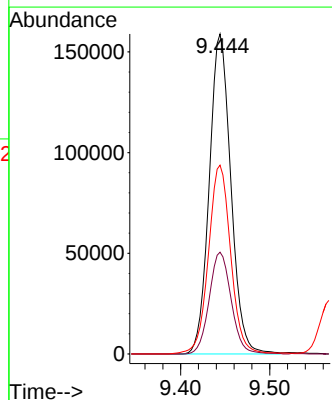
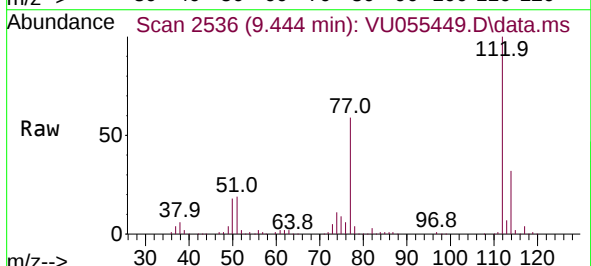
RT: 9.444 min Scan# 2536

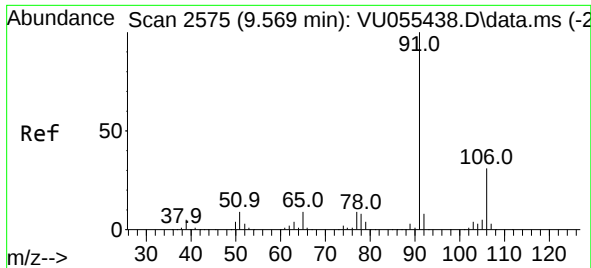
Delta R.T. 0.000 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

Tgt Ion:	112	Resp:	267214
Ion Ratio	Lower	Upper	
112	100		
114	31.8	22.0	40.8
77	59.0	46.9	70.3

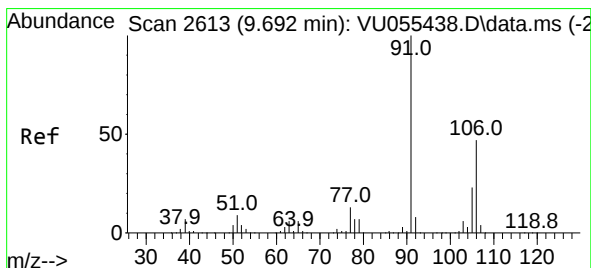
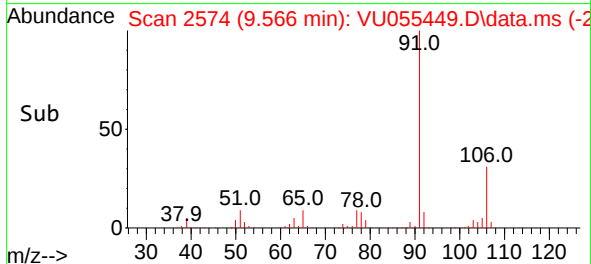
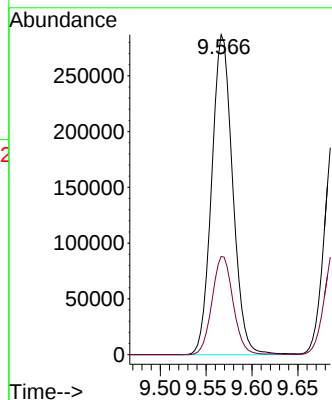
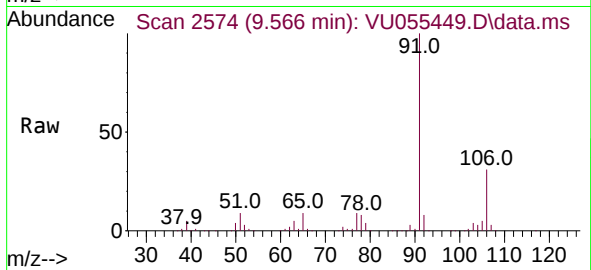




#52
Ethylbenzene
Concen: 5.289 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

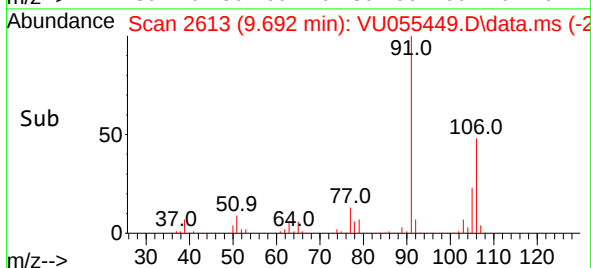
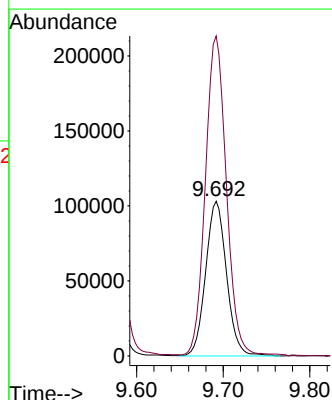
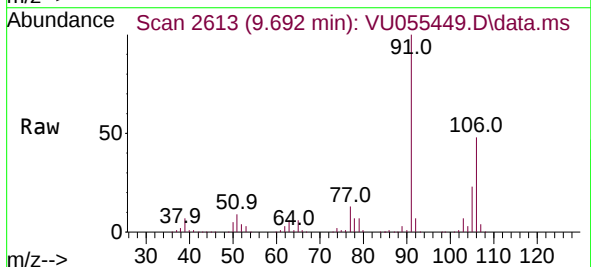
Instrument :
MSVOA_U
ClientSampleId :

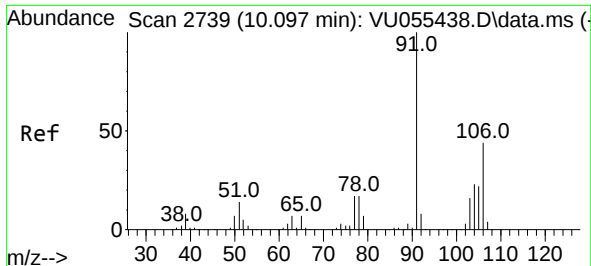
Tgt Ion: 91 Resp: 455976
Ion Ratio Lower Upper
91 100
106 30.7 22.4 41.6



#53
m,p-Xylene
Concen: 5.346 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Tgt Ion:106 Resp: 172707
Ion Ratio Lower Upper
106 100
91 206.7 144.8 269.0

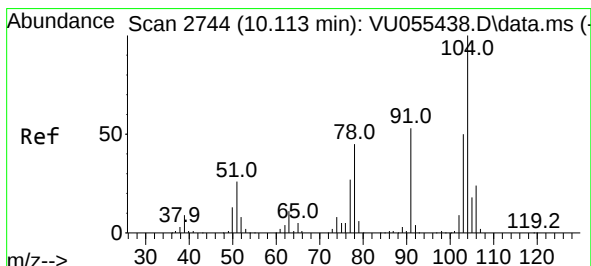
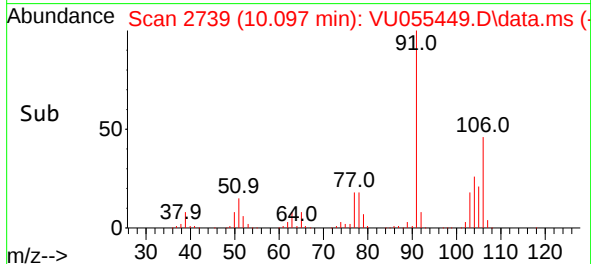
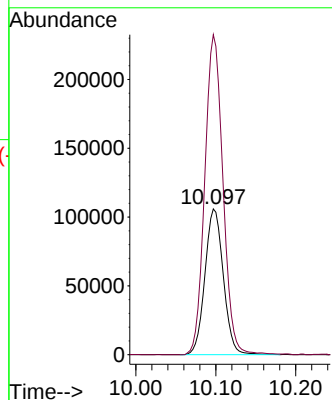
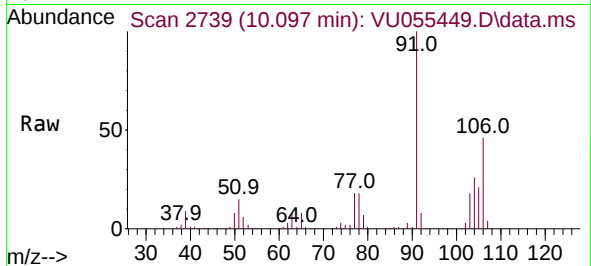




#54
o-Xylene
Concen: 5.399 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

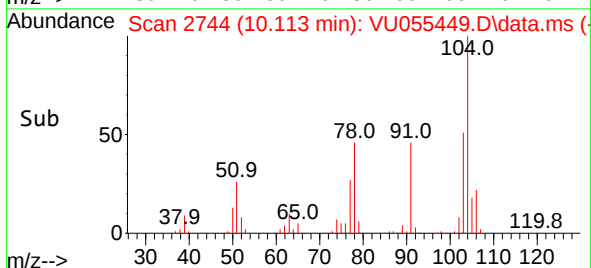
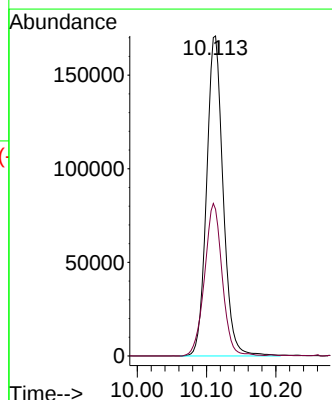
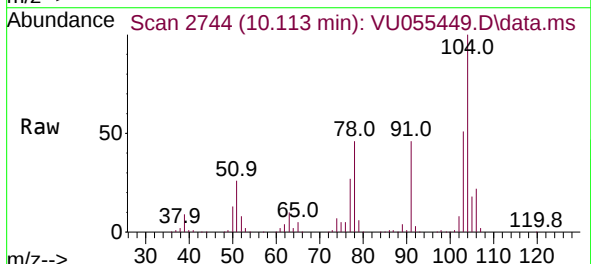
Instrument :
MSVOA_U
ClientSampleId :

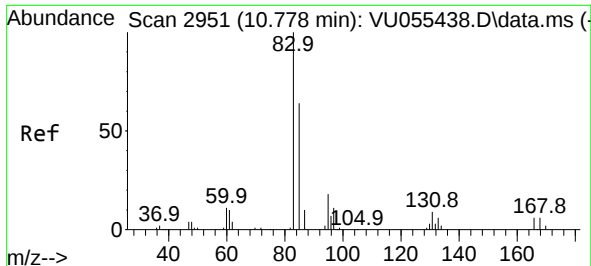
Tgt Ion:106 Resp: 169583
Ion Ratio Lower Upper
106 100
91 219.5 157.6 292.8



#55
Styrene
Concen: 5.567 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Tgt Ion:104 Resp: 282726
Ion Ratio Lower Upper
104 100
78 45.8 31.2 58.0

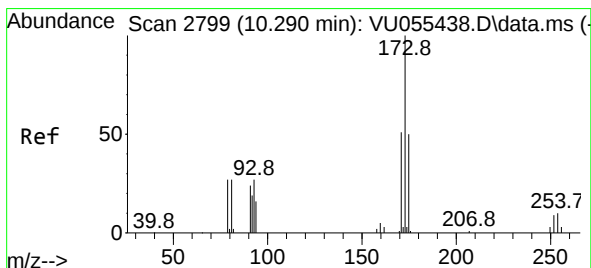
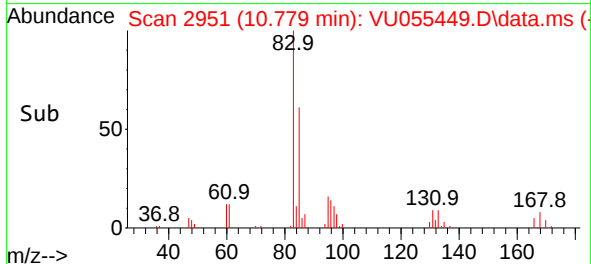
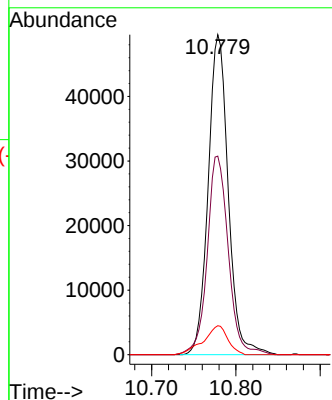
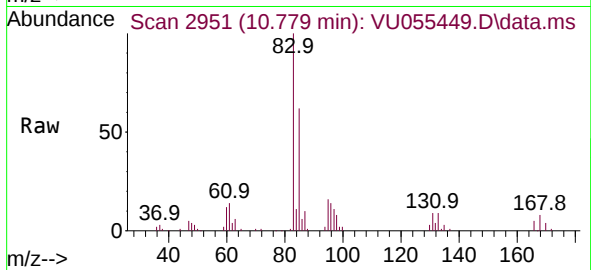




#57
1,1,2,2-Tetrachloroethane
Concen: 5.259 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

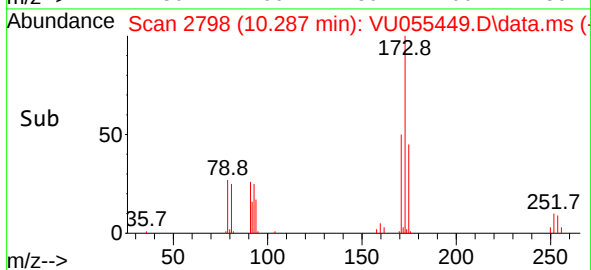
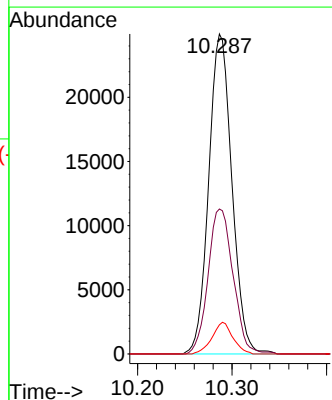
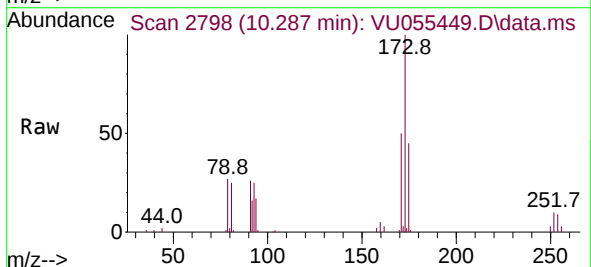
Instrument :
MSVOA_U
ClientSampleId :

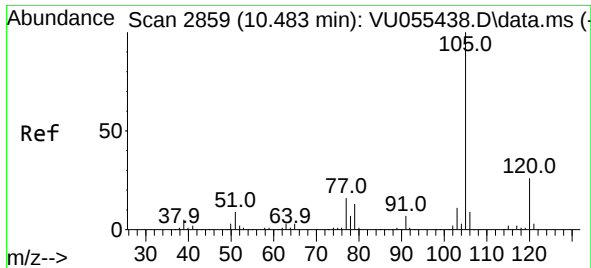
Tgt Ion: 83 Resp: 82078
Ion Ratio Lower Upper
83 100
85 62.0 44.4 82.5
131 9.1 7.4 11.2



#59
Bromoform
Concen: 5.377 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.003 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Tgt Ion:173 Resp: 42484
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.2
254 8.9 7.3 10.9

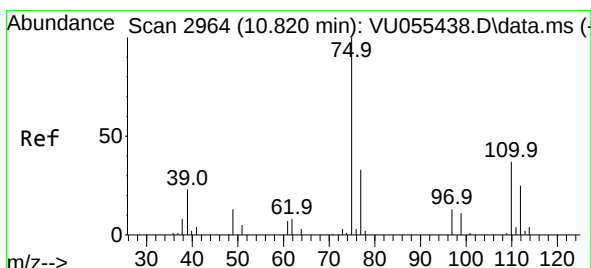
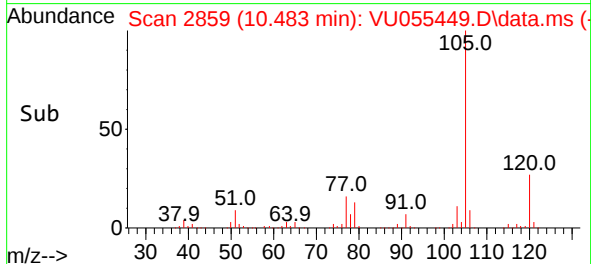
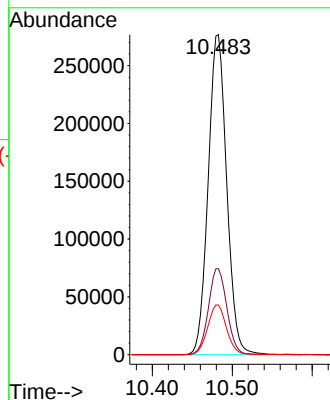
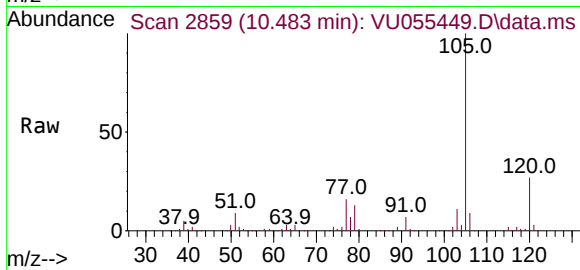




#60
Isopropylbenzene
Concen: 5.254 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

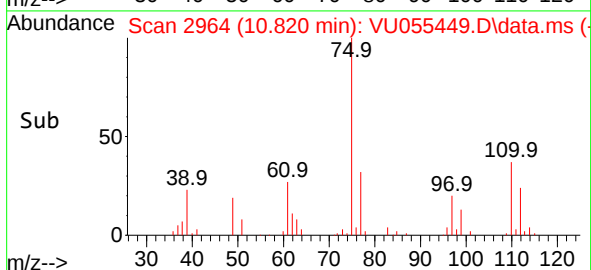
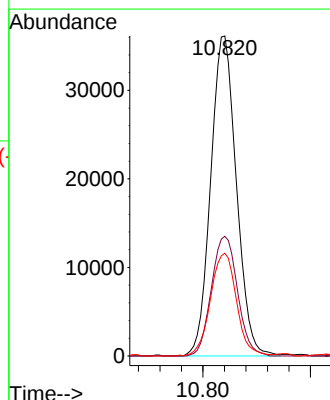
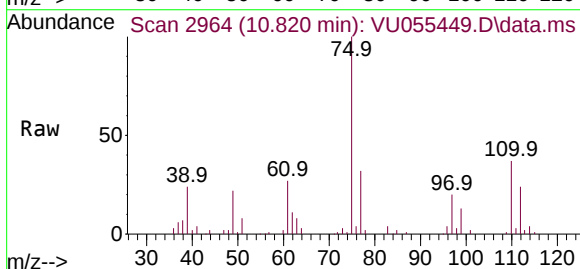
Instrument :
MSVOA_U
ClientSampleId :

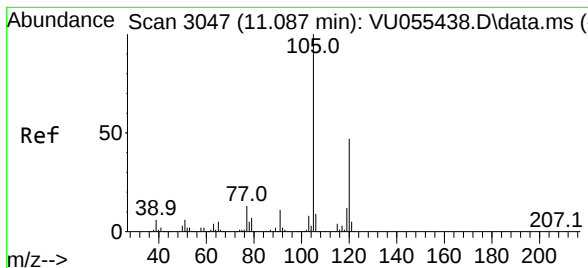
Tgt Ion:105 Resp: 446348
Ion Ratio Lower Upper
105 100
120 26.9 20.8 31.2
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.208 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Tgt Ion: 75 Resp: 59923
Ion Ratio Lower Upper
75 100
110 38.0 30.6 45.8
77 32.6 26.7 40.1





#62

1,3,5-Trimethylbenzene

Concen: 5.202 ug/L

RT: 11.084 min Scan# 3047

Delta R.T. -0.003 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

Instrument :

MSVOA_U

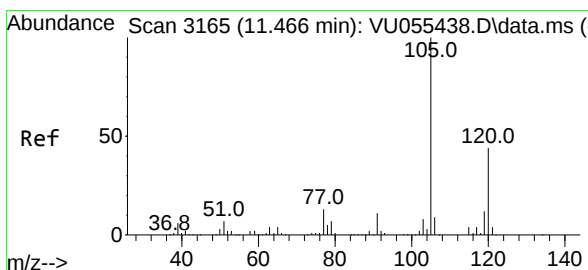
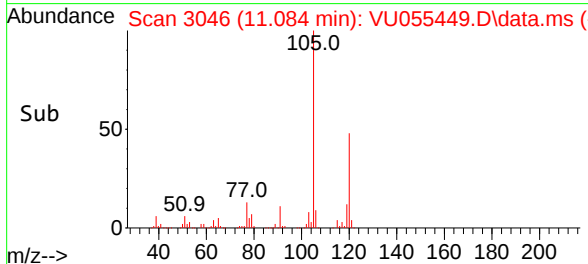
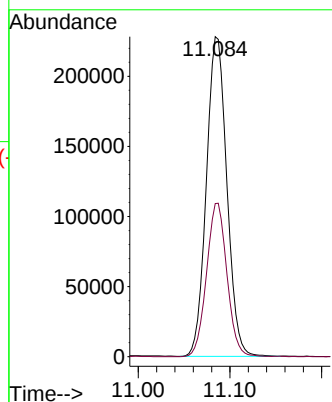
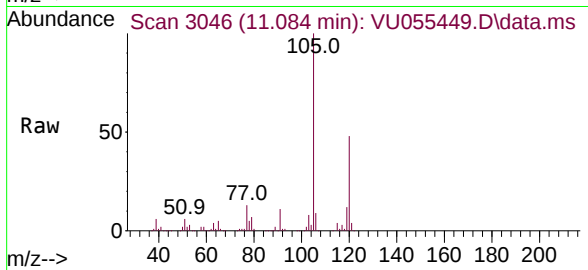
ClientSampleId :

Tgt Ion:105 Resp: 353443

Ion Ratio Lower Upper

105 100

120 47.8 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 5.216 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VU055449.D

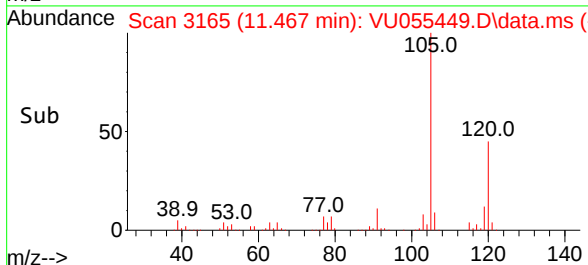
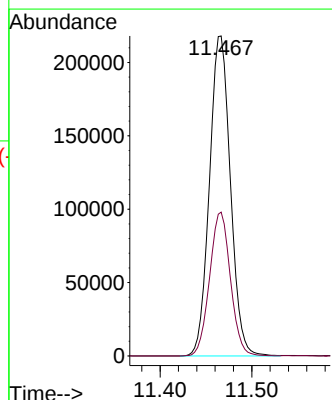
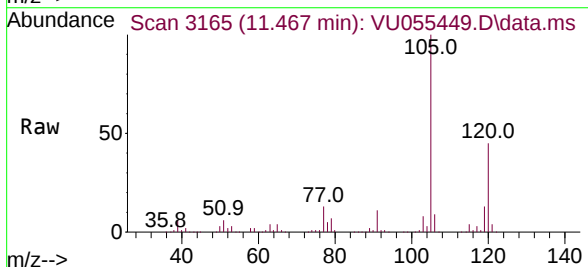
Acq: 21 Sep 2023 16:36

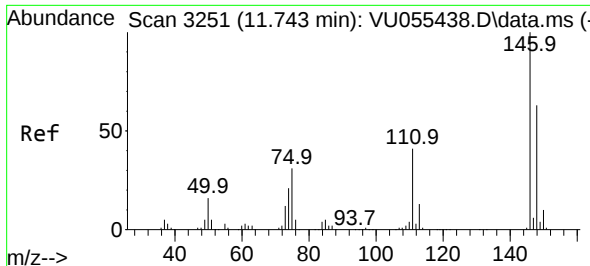
Tgt Ion:105 Resp: 346857

Ion Ratio Lower Upper

105 100

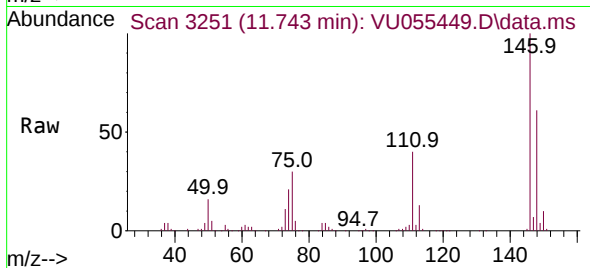
120 44.7 34.9 52.3



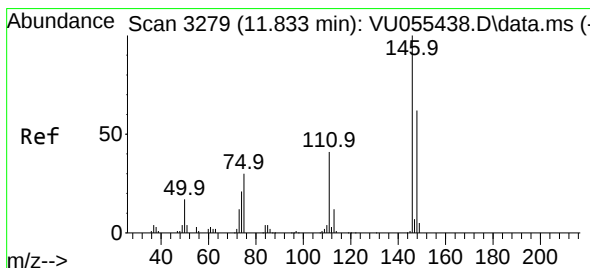
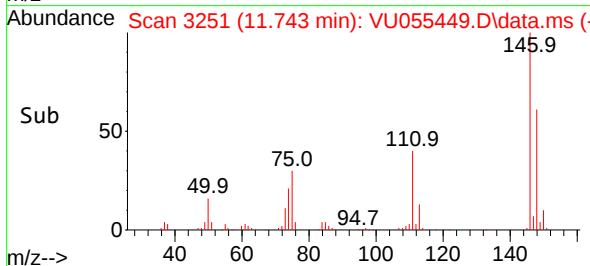
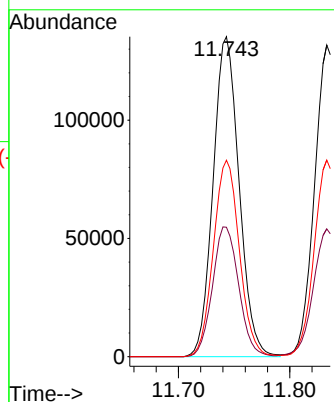


#64
1,3-Dichlorobenzene
Concen: 5.388 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Instrument :
MSVOA_U
ClientSampleId :

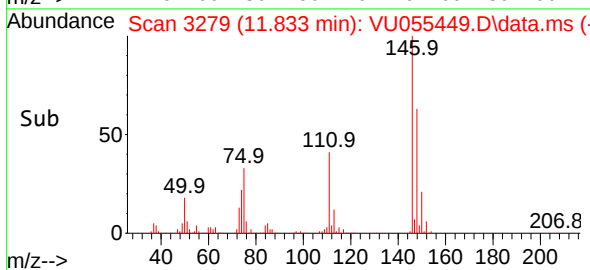
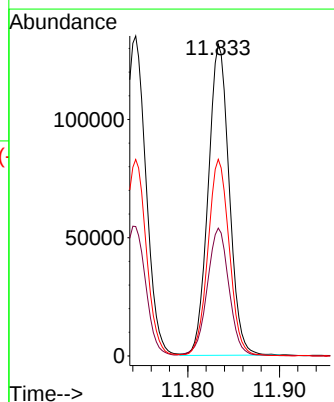
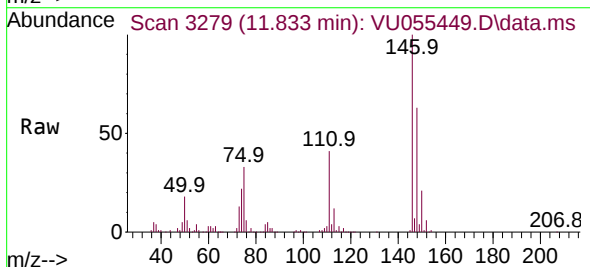


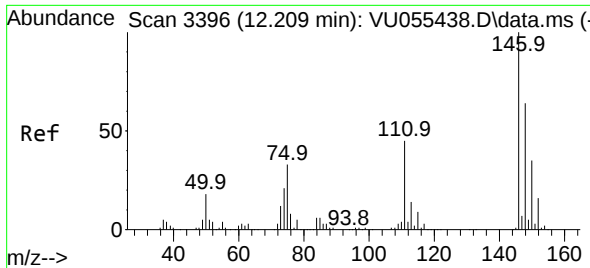
Tgt Ion:146 Resp: 219145
Ion Ratio Lower Upper
146 100
111 40.5 28.8 53.6
148 61.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.148 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Tgt Ion:146 Resp: 209278
Ion Ratio Lower Upper
146 100
111 41.0 29.0 53.8
148 63.1 45.4 84.4

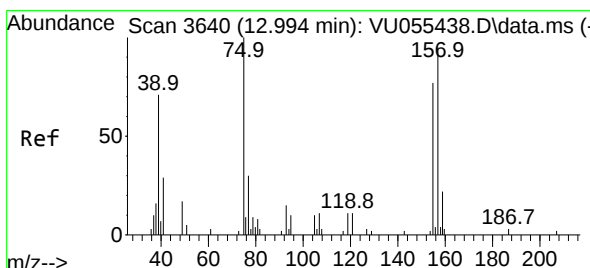
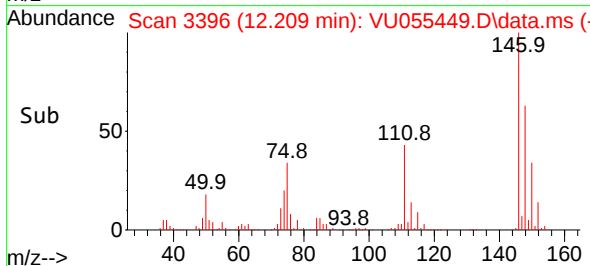
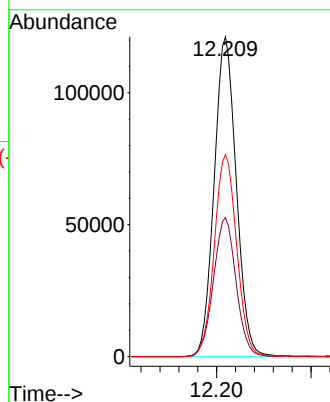
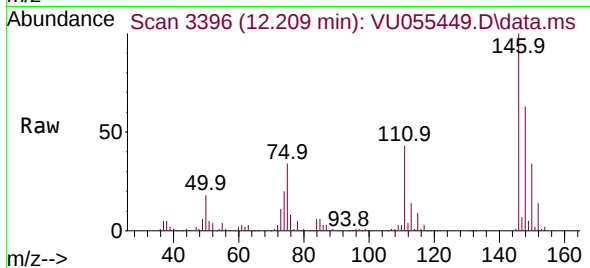




#67
1,2-Dichlorobenzene
Concen: 5.280 ug/L
RT: 12.209 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

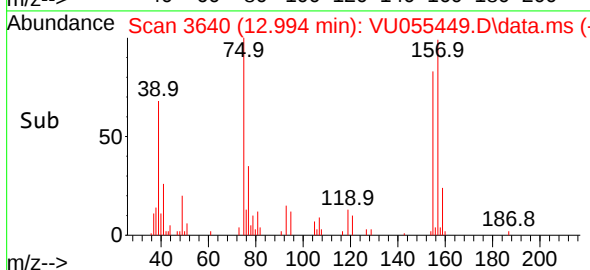
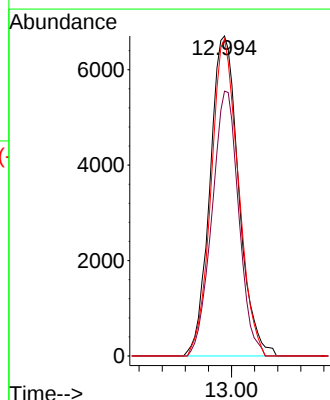
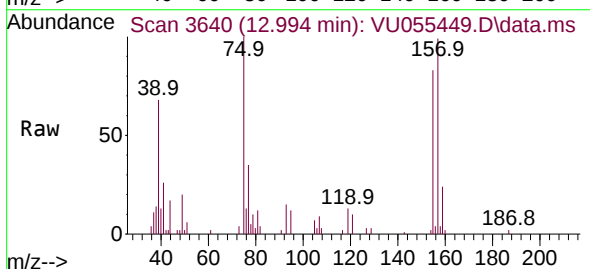
Instrument :
MSVOA_U
ClientSampleId :

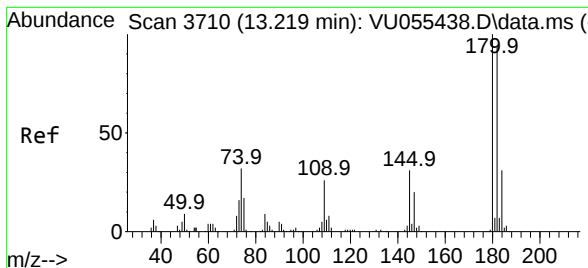
Tgt Ion:146 Resp: 196883
Ion Ratio Lower Upper
146 100
111 43.5 34.6 52.0
148 63.2 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.792 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VU055449.D
Acq: 21 Sep 2023 16:36

Tgt Ion: 75 Resp: 11553
Ion Ratio Lower Upper
75 100
155 82.7 69.2 103.8
157 99.1 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 5.189 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 145345

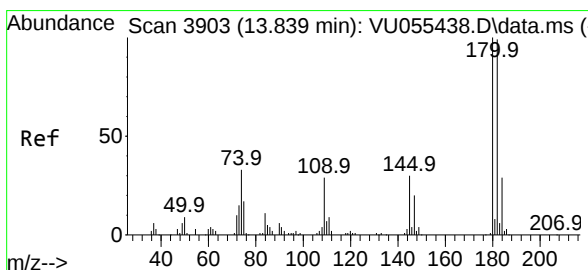
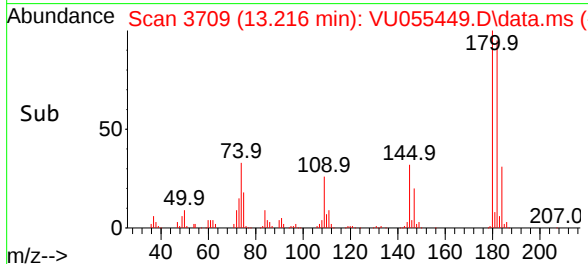
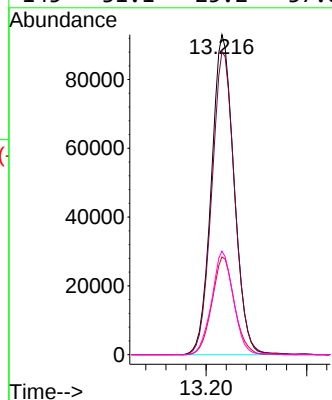
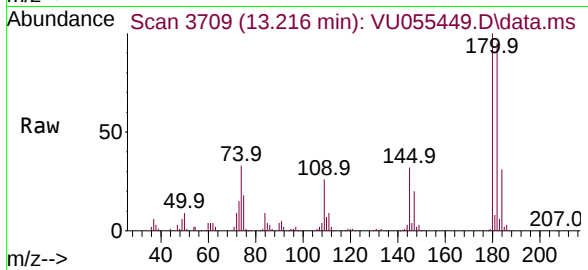
Ion Ratio Lower Upper

180 100

182 95.5 77.1 115.7

184 30.0 24.0 36.0

145 31.1 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.167 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.003 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

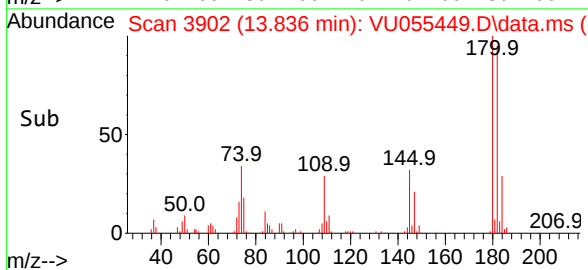
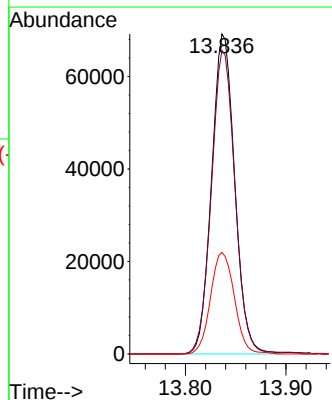
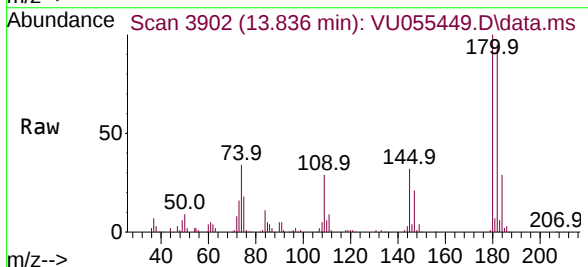
Tgt Ion:180 Resp: 110343

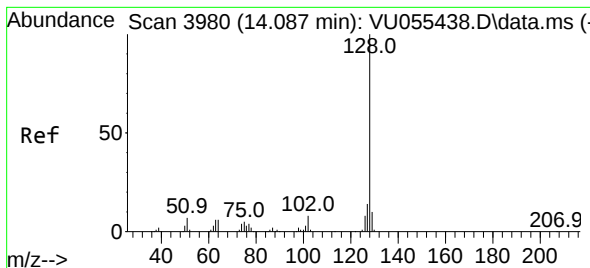
Ion Ratio Lower Upper

180 100

182 96.8 76.4 114.6

145 32.8 25.4 38.0





#71

Naphthalene

Concen: 5.351 ug/L

RT: 14.084 min Scan# 3980

Delta R.T. -0.003 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

Instrument :

MSVOA_U

ClientSampleId :

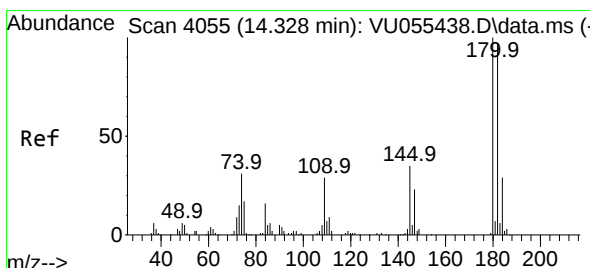
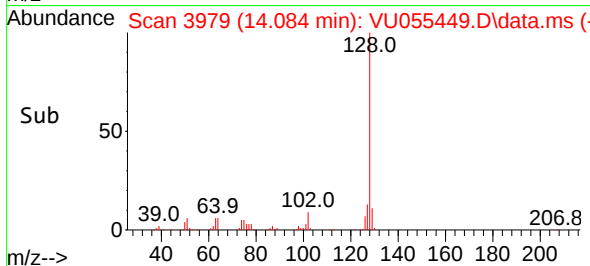
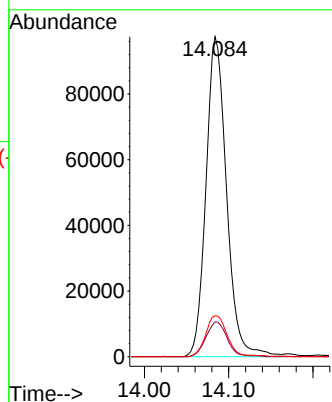
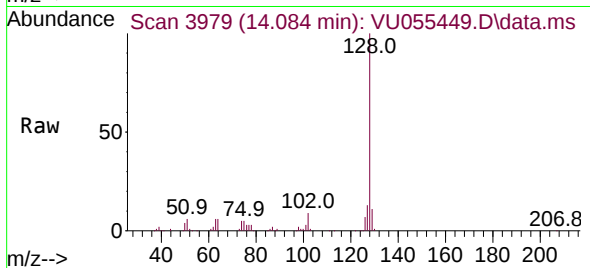
Tgt Ion:128 Resp: 165410

Ion Ratio Lower Upper

128 100

129 11.3 8.5 12.7

127 13.3 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.270 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.003 min

Lab File: VU055449.D

Acq: 21 Sep 2023 16:36

Tgt Ion:180 Resp: 97917

Ion Ratio Lower Upper

180 100

182 96.3 76.2 114.4

145 33.9 26.0 39.0

