

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055130.D
 Acq On : 06 Sep 2023 06:15
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 06:31:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	191230	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	193467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	108536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	37502	4.184	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.907	69	45978	4.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	22985	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.627	46	142092	54.632	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.260%
24) Chloroform-d	5.062	84	114298	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.701	65	58474	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.727	84	221688	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.689	67	72046	4.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.894	98	204373	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.180	79	17546	4.195	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.631	63	90526	53.308	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55831	5.227	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	72980	4.607	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52950	4.765	ug/L	99
3) Chloromethane	1.518	50	58056	5.132	ug/L	99
5) Vinyl chloride	1.599	62	60820	5.096	ug/L	98
6) Bromomethane	1.853	94	31927	4.436	ug/L	97
8) Chloroethane	1.930	64	38463	4.950	ug/L	99
9) Trichlorofluoromethane	2.132	101	84818	4.887	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	49358	4.888	ug/L	98
12) 1,1-Dichloroethene	2.573	96	46091	5.213	ug/L	95
13) Acetone	2.631	43	90197	51.743	ug/L	97
14) Carbon disulfide	2.788	76	109031	5.036	ug/L	97
15) Methyl Acetate	2.956	43	21086	5.910	ug/L	93
16) Methylene chloride	3.039	84	59610	4.413	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	130236	5.617	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	46216	5.152	ug/L	91
19) 1,1-Dichloroethane	3.865	63	101253	5.223	ug/L	97
21) 2-Butanone	4.705	43	141612	55.292	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	58835	5.358	ug/L	99
23) Bromochloromethane	4.975	128	24656	5.460	ug/L	95
25) Chloroform	5.084	83	106491	5.275	ug/L	95

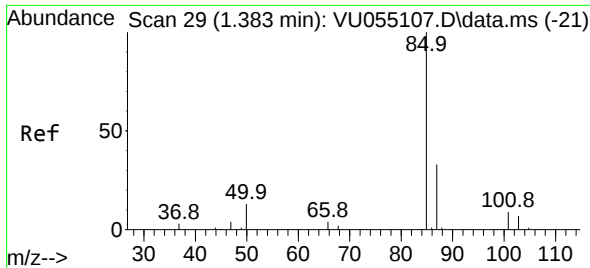
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	67669	5.492	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	84181	5.030	ug/L	99
30) Cyclohexane	5.386	56	70495	4.737	ug/L	99
31) Carbon tetrachloride	5.521	117	71374	5.129	ug/L	99
33) Benzene	5.772	78	213816	5.193	ug/L	100
34) Trichloroethene	6.541	95	61304	5.357	ug/L	98
35) Methylcyclohexane	6.762	83	69695	4.341	ug/L	94
37) 1,2-Dichloropropane	6.788	63	61829	5.515	ug/L	99
38) Bromodichloromethane	7.103	83	71422	5.336	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	73678	4.832	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	374223	58.522	ug/L	100
42) Toluene	7.968	91	226104	5.151	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	57547	4.809	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	42737	5.660	ug/L	93
47) Tetrachloroethene	8.553	164	40448	5.114	ug/L	96
48) 2-Hexanone	8.682	43	282056	56.313	ug/L	99
49) Dibromochloromethane	8.807	129	42924	5.208	ug/L	98
50) 1,2-Dibromoethane	8.923	107	40442	5.882	ug/L	92
51) Chlorobenzene	9.444	112	145179	4.994	ug/L	95
52) Ethylbenzene	9.569	91	249792	5.086	ug/L	100
53) m,p-Xylene	9.692	106	91808	5.052	ug/L	100
54) o-Xylene	10.100	106	90218	5.045	ug/L	96
55) Styrene	10.113	104	156090	5.286	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	53310	5.668	ug/L	98
59) Bromoform	10.286	173	23037	5.312	ug/L	100
60) Isopropylbenzene	10.483	105	246695	4.874	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	39161	5.437	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	205106	4.871	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	191778	4.622	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	119967	4.938	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	121113	5.002	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	113883	4.999	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	7568	5.454	ug/L	95
69) 1,3,5-Trichlorobenzene	13.219	180	83097	4.526	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	70429	4.091	ug/L	98
71) Naphthalene	14.087	128	120771	3.859	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	65505	4.383	ug/L	99

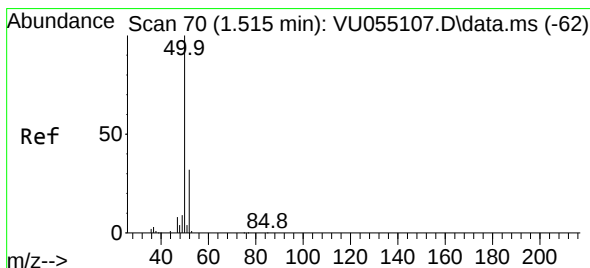
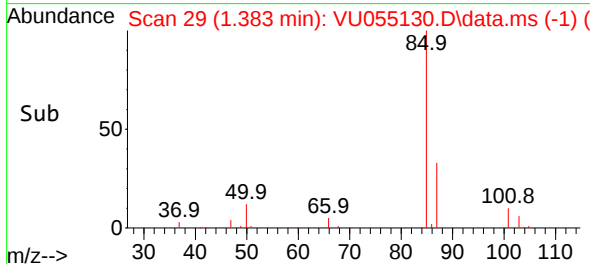
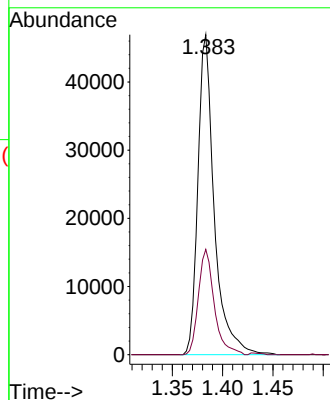
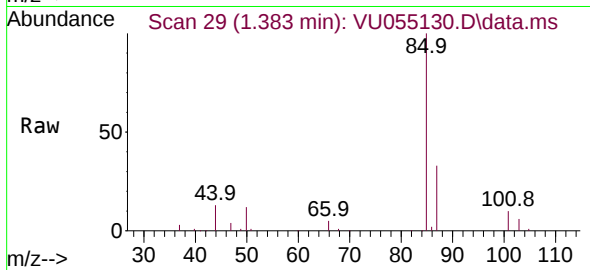
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#2
 Dichlorodifluoromethane
 Concen: 4.765 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055130.D
 Acq: 06 Sep 2023 06:15

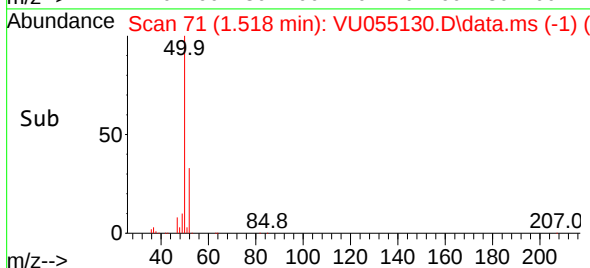
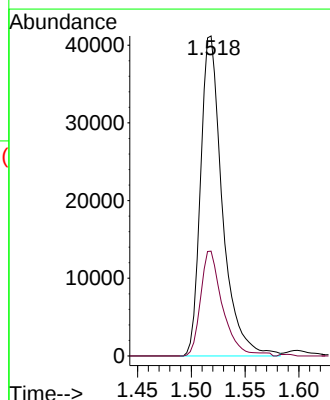
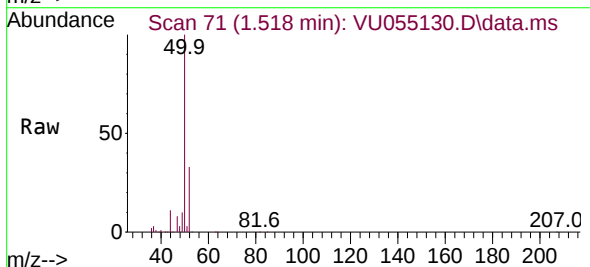
Instrument :
 MSVOA_U
 ClientSampleId :

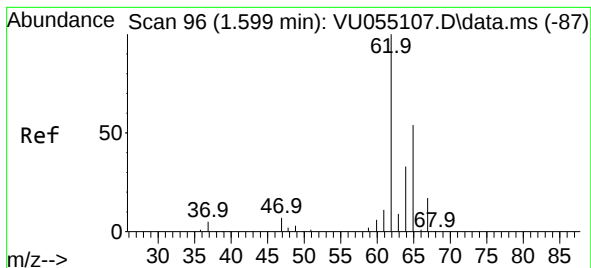
Tgt Ion: 85 Resp: 52950
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.1 37.7



#3
 Chloromethane
 Concen: 5.132 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055130.D
 Acq: 06 Sep 2023 06:15

Tgt Ion: 50 Resp: 58056
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.5 41.7





#5

Vinyl chloride

Concen: 5.096 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Instrument :

MSVOA_U

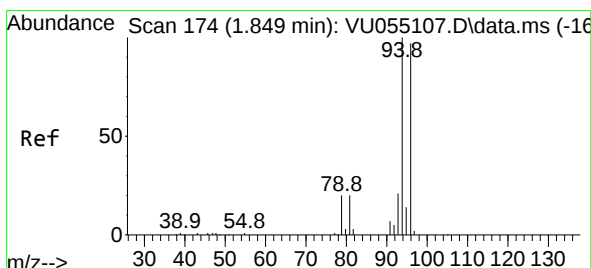
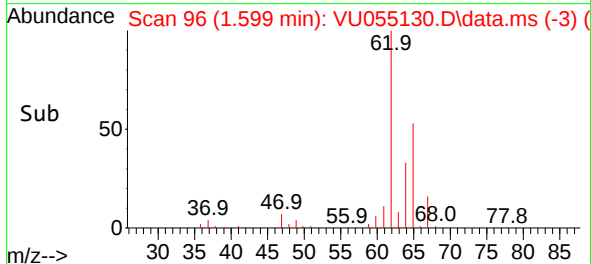
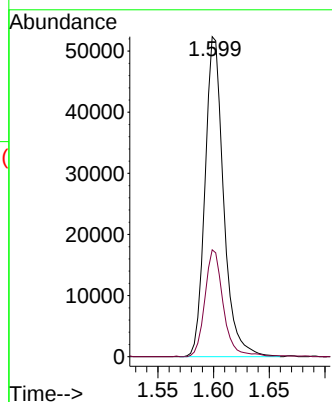
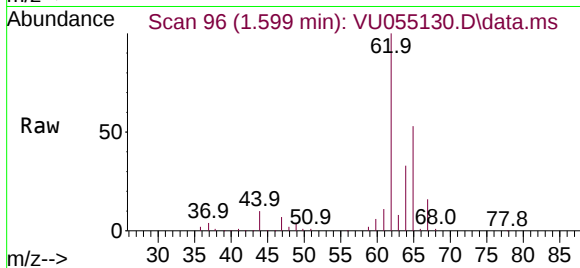
ClientSampleId :

Tgt Ion: 62 Resp: 60820

Ion Ratio Lower Upper

62 100

64 33.4 24.2 45.0



#6

Bromomethane

Concen: 4.436 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.003 min

Lab File: VU055130.D

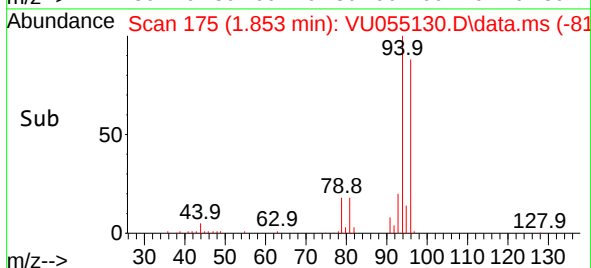
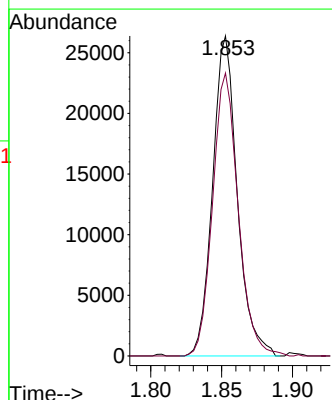
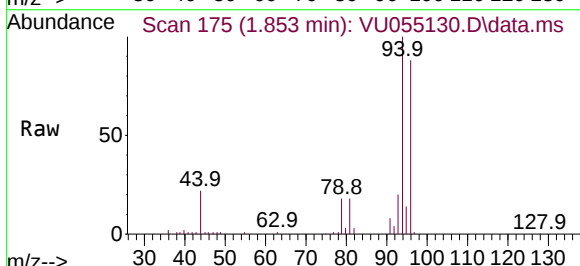
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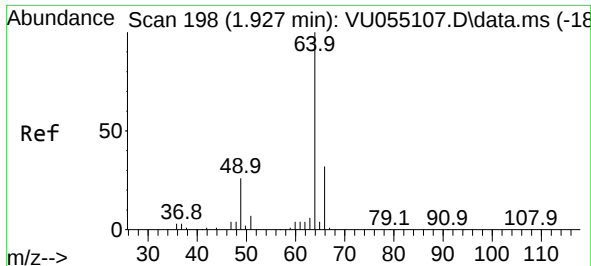
Tgt Ion: 94 Resp: 31927

Ion Ratio Lower Upper

94 100

96 88.4 63.8 118.4

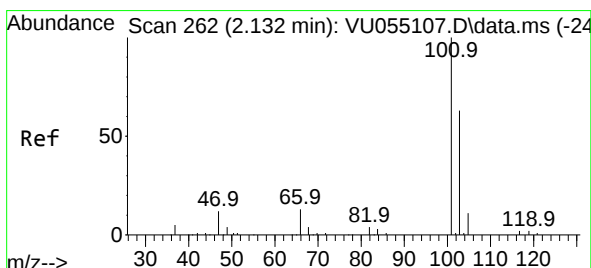
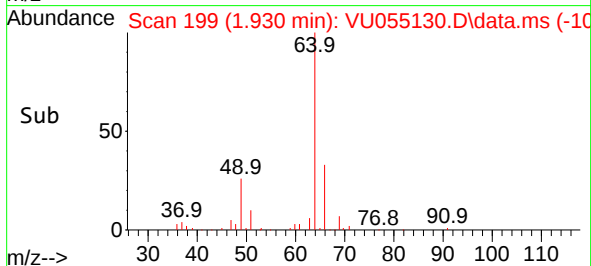
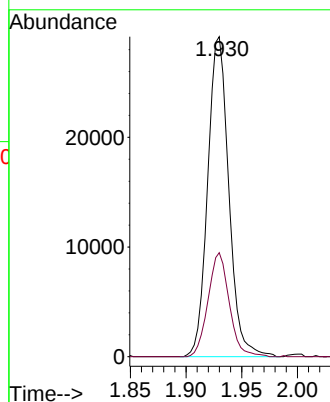
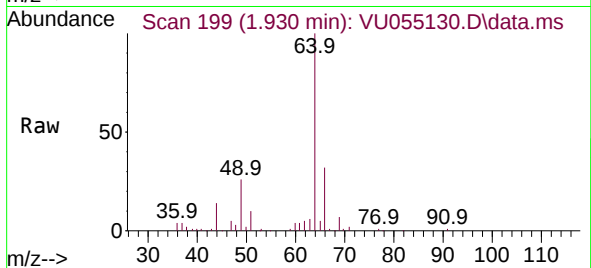




#8
Chloroethane
Concen: 4.950 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

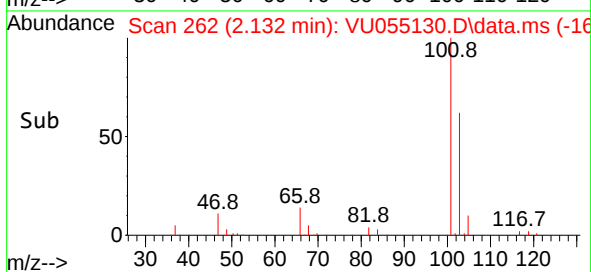
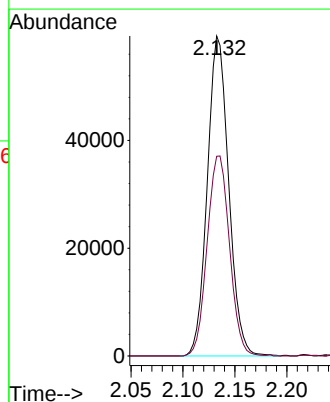
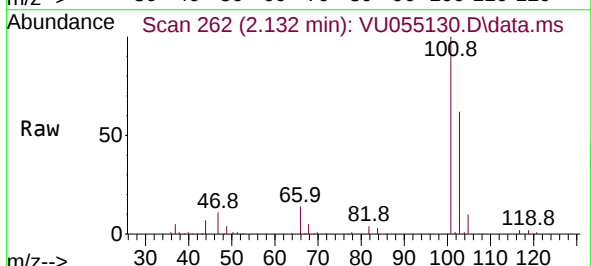
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MSVOA_U
ClientSampleId :

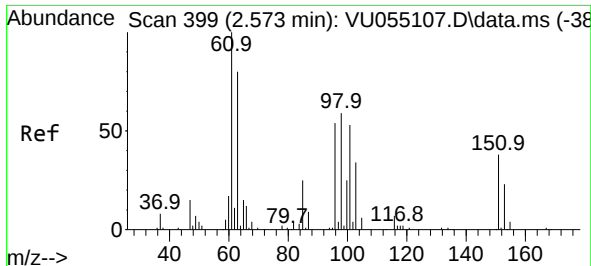
Tgt Ion: 64 Resp: 38463
Ion Ratio Lower Upper
64 100
66 32.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.887 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

Tgt Ion:101 Resp: 84818
Ion Ratio Lower Upper
101 100
103 65.4 51.9 77.9

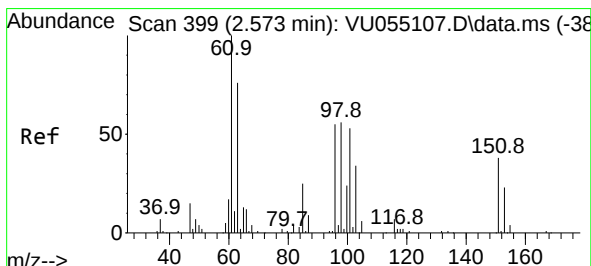
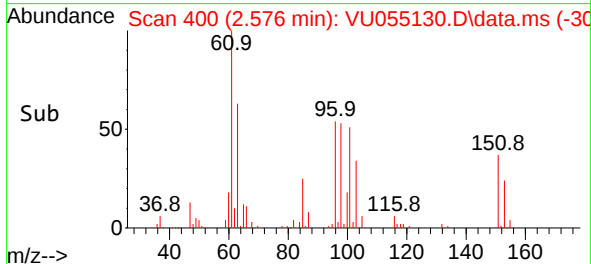
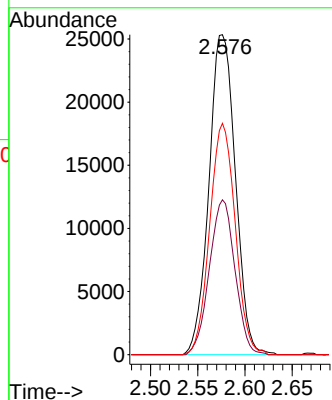
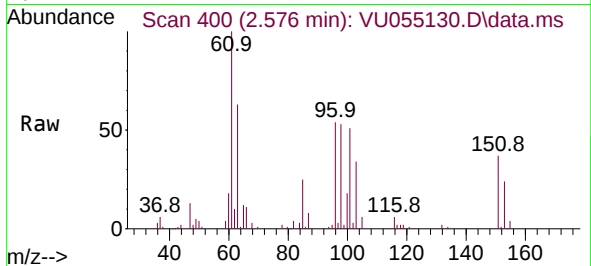




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.888 ug/L
 RT: 2.576 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU055130.D
 Acq: 06 Sep 2023 06:15

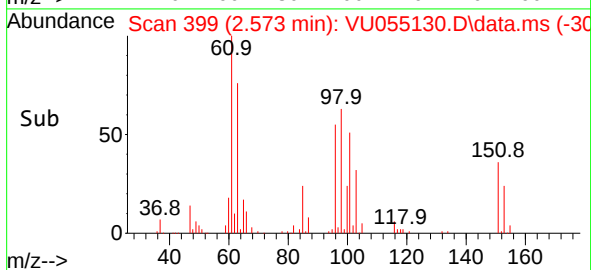
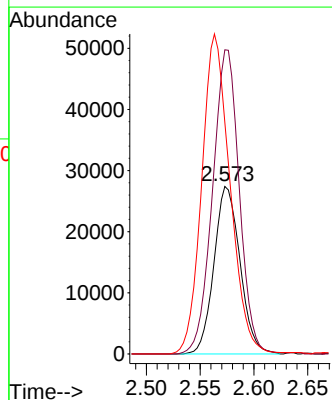
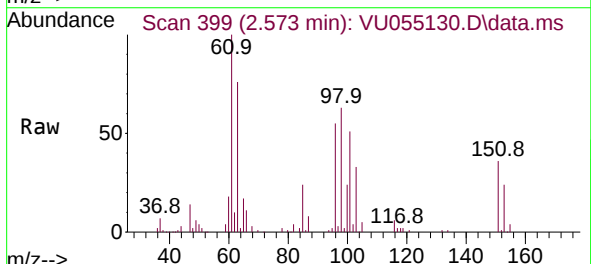
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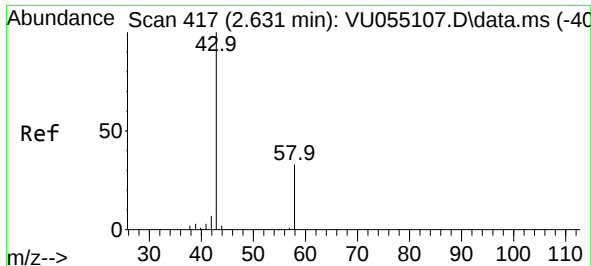
Tgt Ion:101 Resp: 49358
 Ion Ratio Lower Upper
 101 100
 85 46.8 37.3 55.9
 151 69.7 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 5.213 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU055130.D
 Acq: 06 Sep 2023 06:15

Tgt Ion: 96 Resp: 46091
 Ion Ratio Lower Upper
 96 100
 61 181.5 120.8 224.4
 63 138.2 94.5 175.5





#13

Acetone

Concen: 51.743 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Instrument :

MSVOA_U

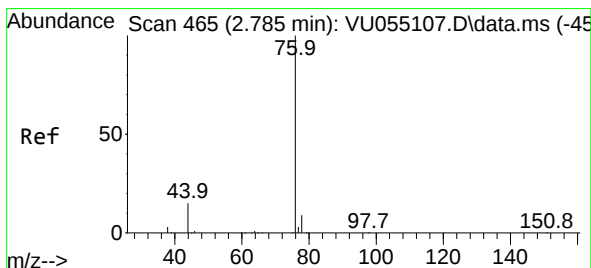
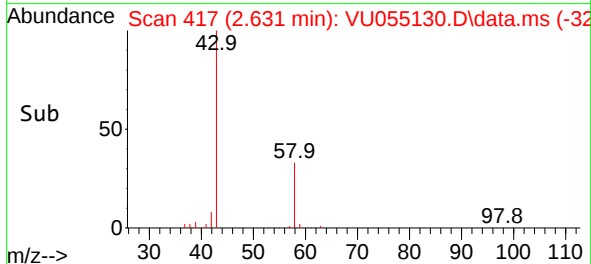
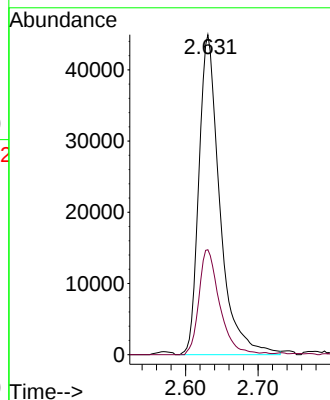
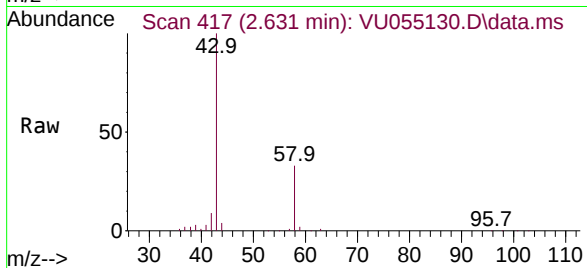
ClientSampleId :

Tgt Ion: 43 Resp: 90197

Ion Ratio Lower Upper

43 100

58 32.3 0.0 67.8



#14

Carbon disulfide

Concen: 5.036 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU055130.D

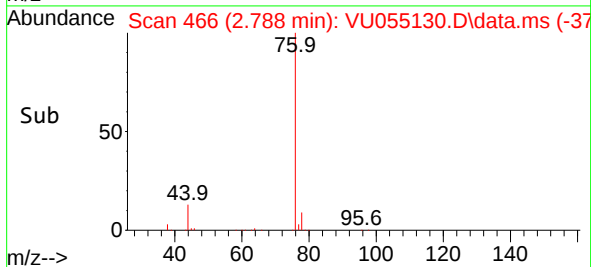
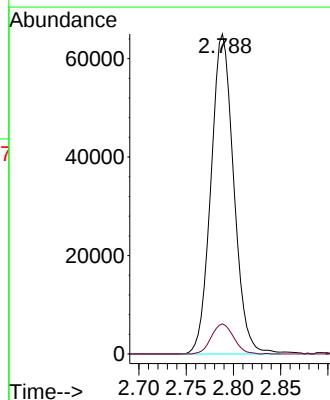
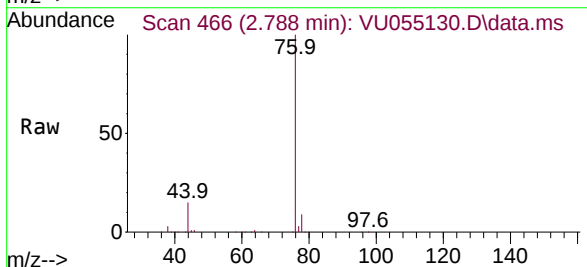
Acq: 06 Sep 2023 06:15

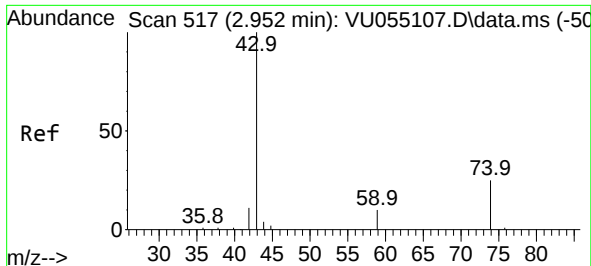
Tgt Ion: 76 Resp: 109031

Ion Ratio Lower Upper

76 100

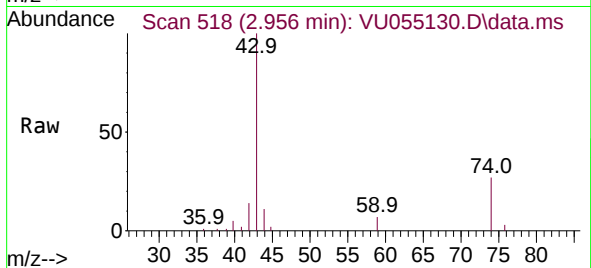
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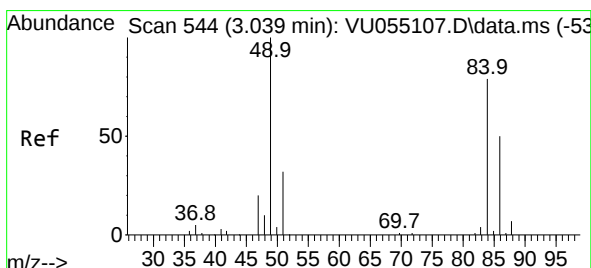
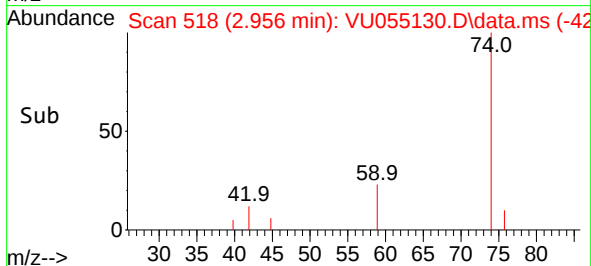
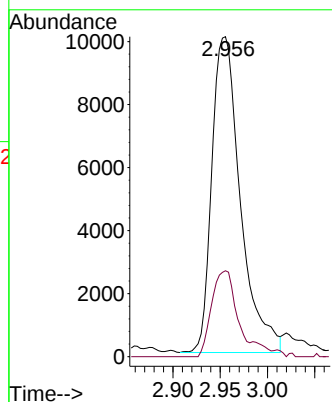


#15
Methyl Acetate
Concen: 5.910 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

Instrument :
MSVOA_U
ClientSampleId :

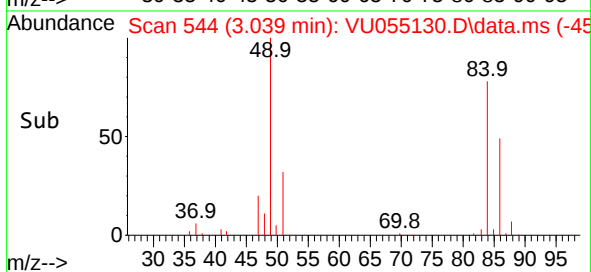
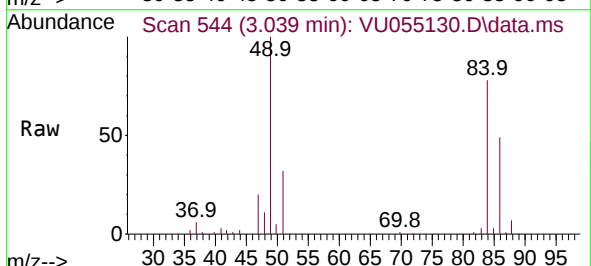
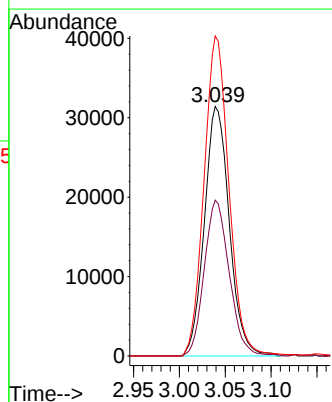


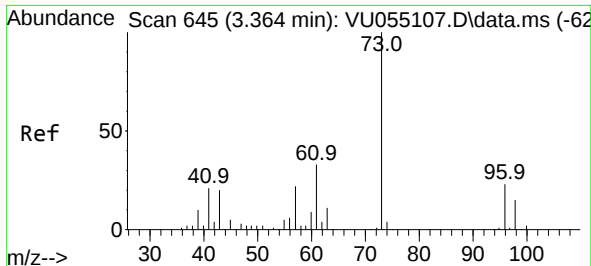
Tgt Ion: 43 Resp: 21086
Ion Ratio Lower Upper
43 100
74 26.3 18.4 27.6



#16
Methylene chloride
Concen: 4.413 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

Tgt Ion: 84 Resp: 59610
Ion Ratio Lower Upper
84 100
86 62.4 43.4 80.6
49 134.1 87.7 162.9

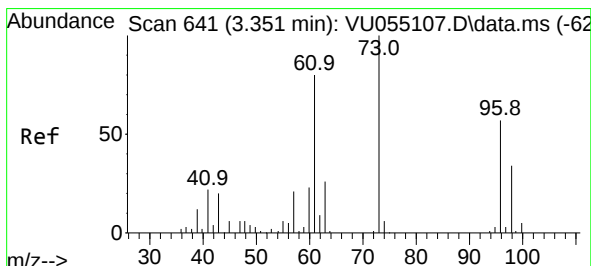
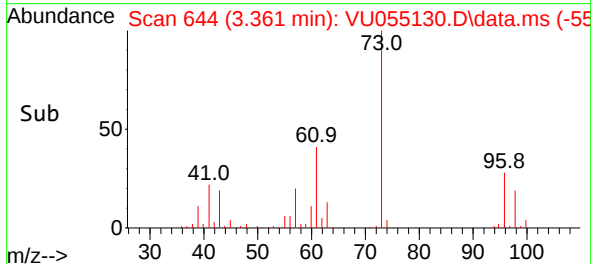
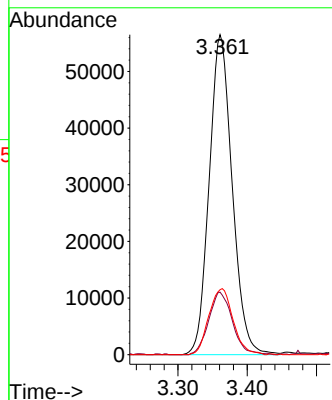
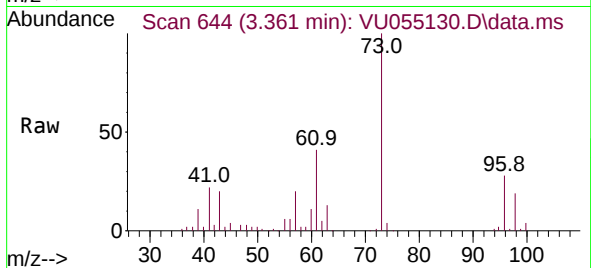




#17
Methyl tert-butyl Ether
Concen: 5.617 ug/L
RT: 3.361 min Scan# 645
Delta R.T. -0.003 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

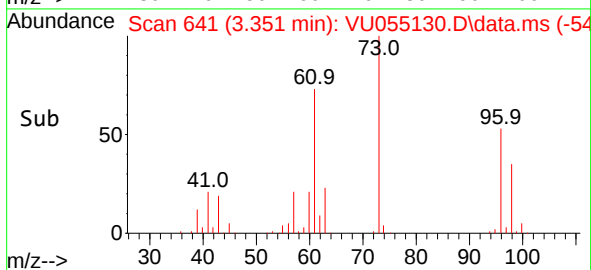
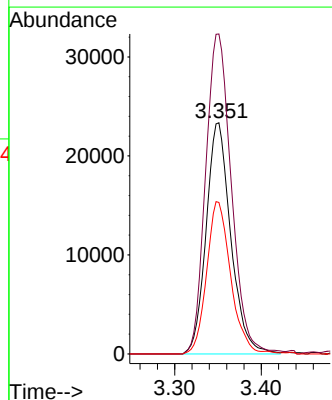
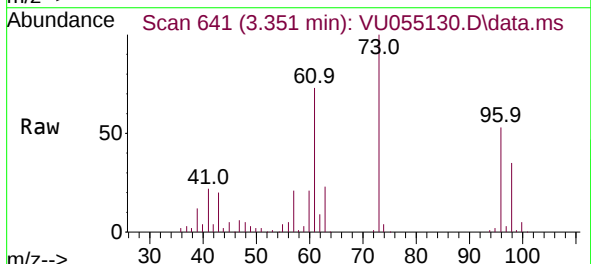
Instrument :
MSVOA_U
ClientSampleId :

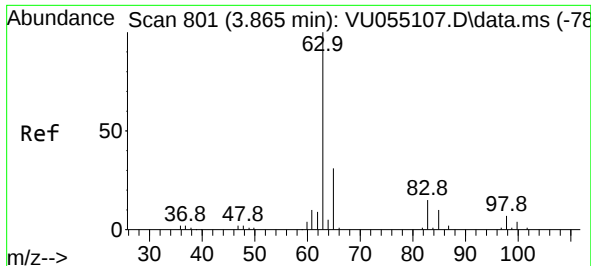
Tgt Ion: 73 Resp: 130236
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2
57 21.7 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.152 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

Tgt Ion: 96 Resp: 46216
Ion Ratio Lower Upper
96 100
61 138.5 108.1 200.9
98 65.6 45.4 84.4





#19

1,1-Dichloroethane

Concen: 5.223 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Instrument :

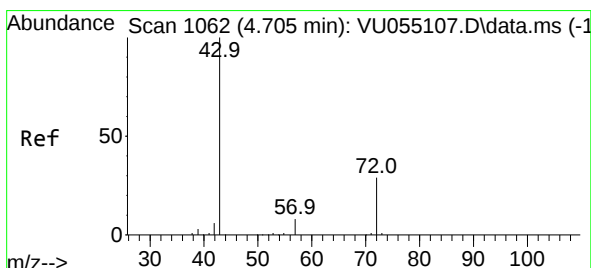
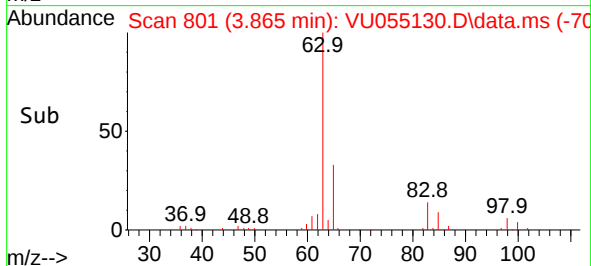
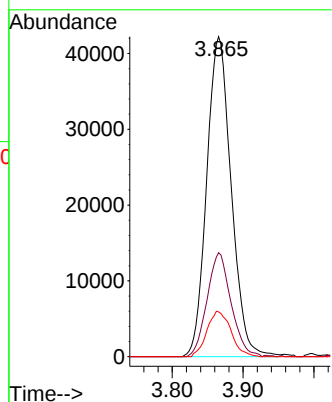
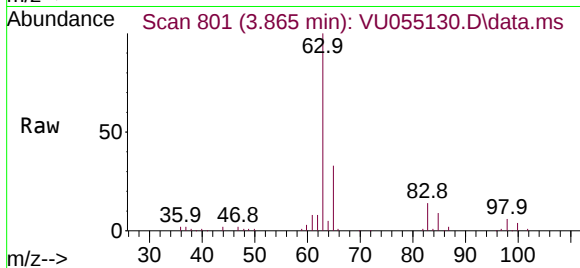
MSVOA_U

ClientSampleId :

Tgt Ion: 63 Resp: 101253

Ion Ratio Lower Upper

63	100		
65	33.2	22.2	41.2
83	14.0	10.6	19.8



#21

2-Butanone

Concen: 55.292 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. 0.000 min

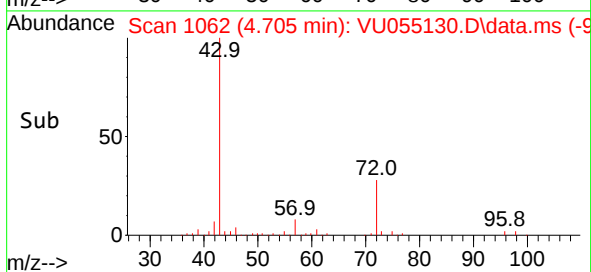
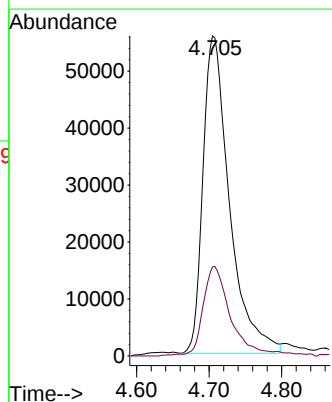
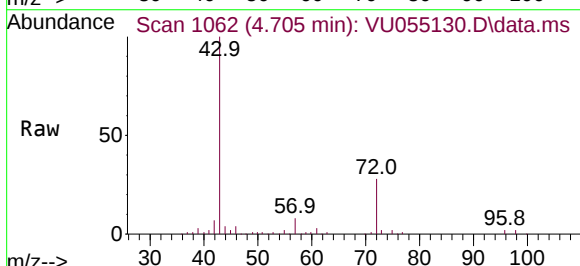
Lab File: VU055130.D

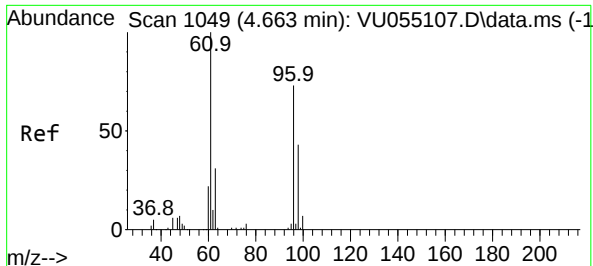
Acq: 06 Sep 2023 06:15

Tgt Ion: 43 Resp: 141612

Ion Ratio Lower Upper

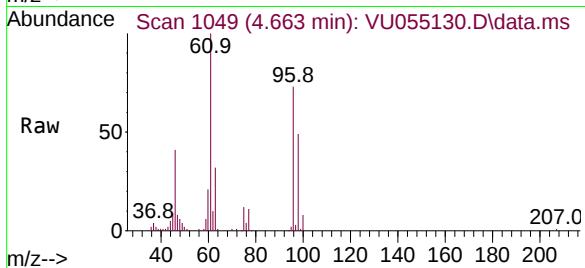
43	100		
72	28.9	13.5	40.5





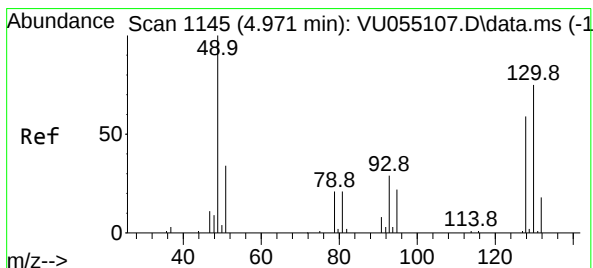
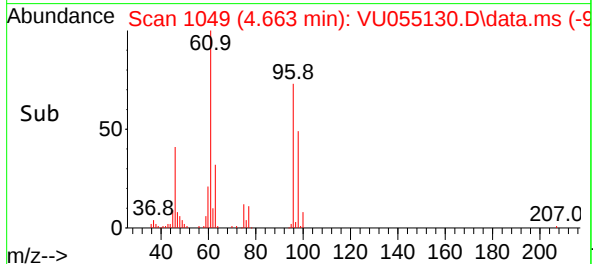
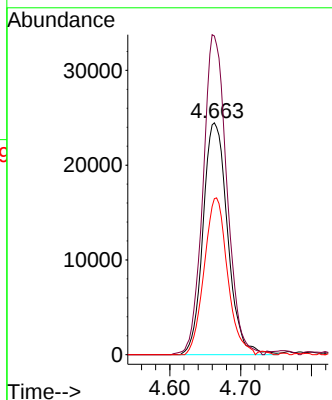
#22
 cis-1,2-Dichloroethene
 Concen: 5.358 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055130.D
 Acq: 06 Sep 2023 06:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 58835

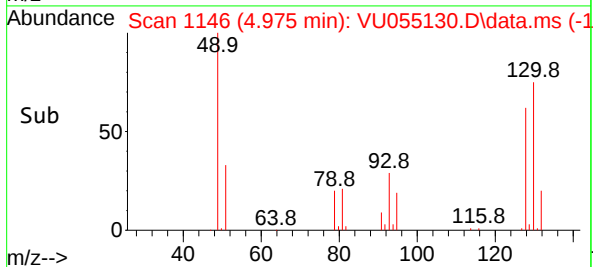
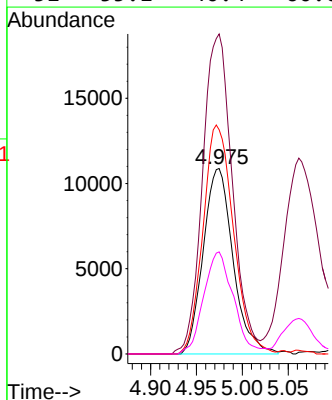
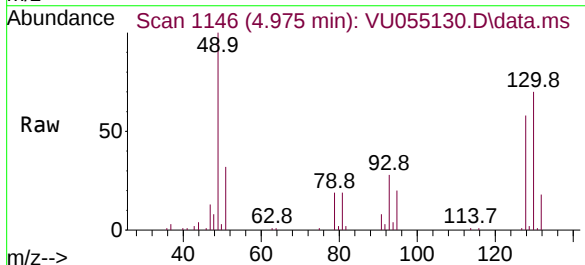
Ion	Ratio	Lower	Upper
96	100		
61	137.4	97.2	180.4
98	67.2	46.1	85.7

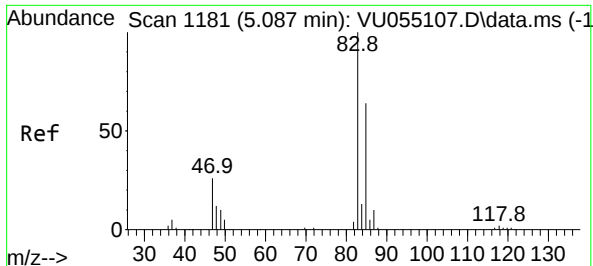


#23
 Bromochloromethane
 Concen: 5.460 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.003 min
 Lab File: VU055130.D
 Acq: 06 Sep 2023 06:15

Tgt Ion:128 Resp: 24656

Ion	Ratio	Lower	Upper
128	100		
49	177.8	118.9	220.9
130	120.9	88.0	163.4
51	55.1	40.4	60.6





#25

Chloroform

Concen: 5.275 ug/L

RT: 5.084 min Scan# 1181

Delta R.T. -0.003 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Instrument :

MSVOA_U

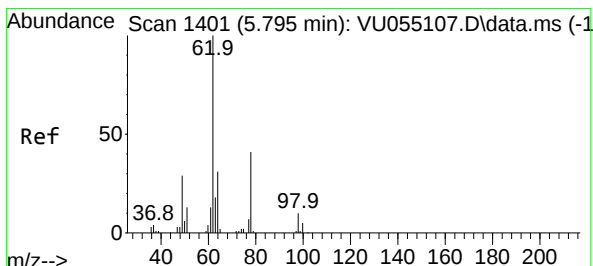
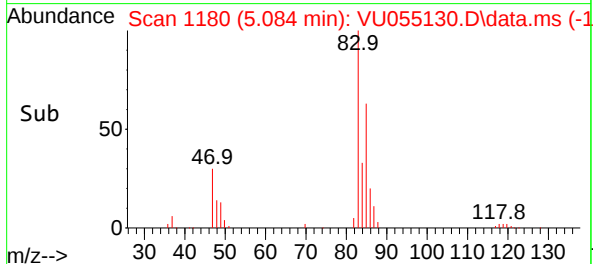
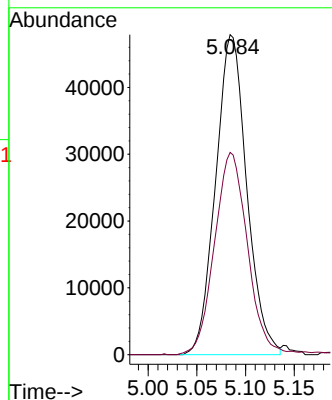
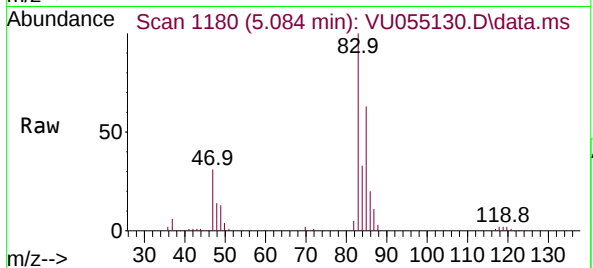
ClientSampleId :

Tgt Ion: 83 Resp: 106491

Ion Ratio Lower Upper

83 100

85 63.2 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.492 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.003 min

Lab File: VU055130.D

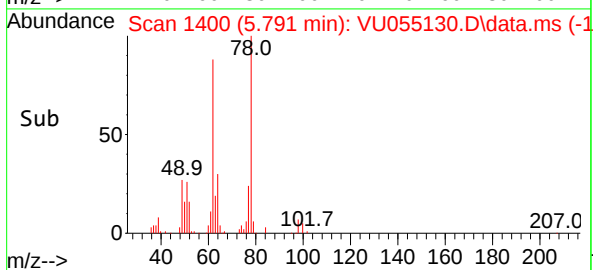
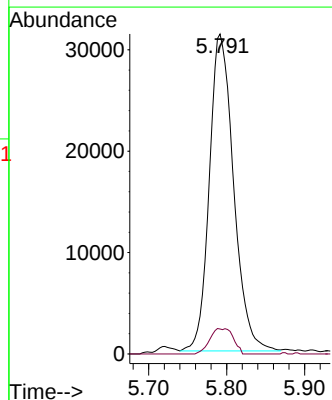
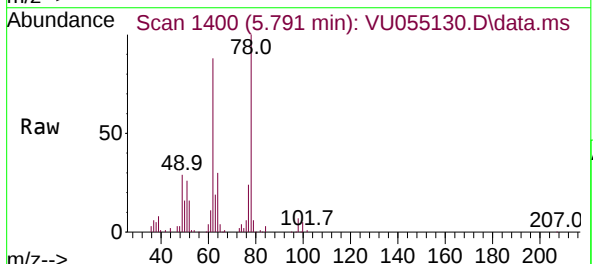
Acq: 06 Sep 2023 06:15

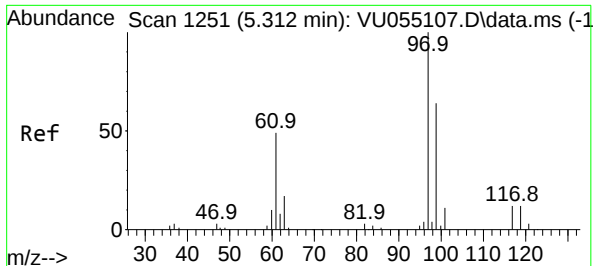
Tgt Ion: 62 Resp: 67669

Ion Ratio Lower Upper

62 100

98 7.8 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.030 ug/L

RT: 5.312 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Instrument :

MSVOA_U

ClientSampleId :

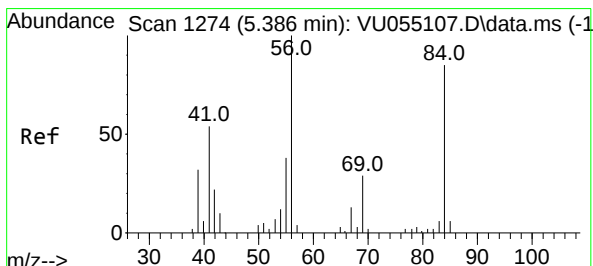
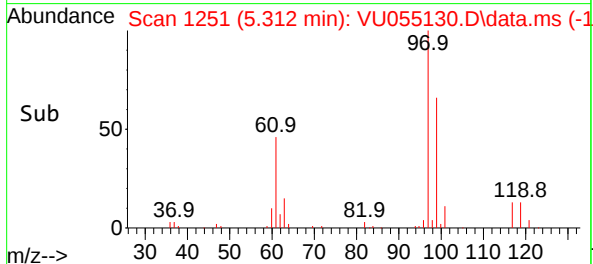
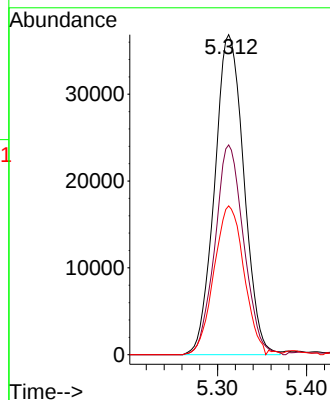
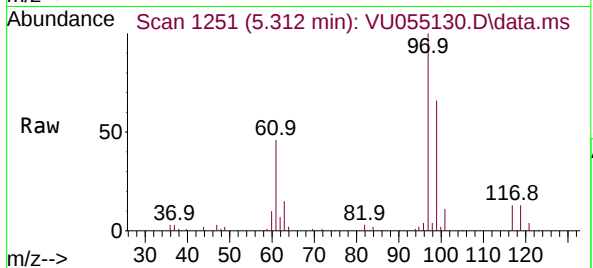
Tgt Ion: 97 Resp: 84181

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

61 47.8 36.8 55.2



#30

Cyclohexane

Concen: 4.737 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

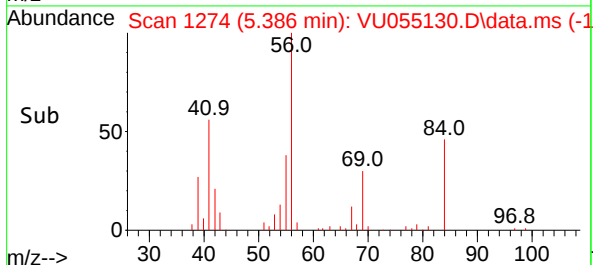
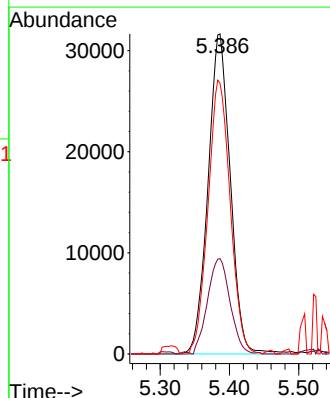
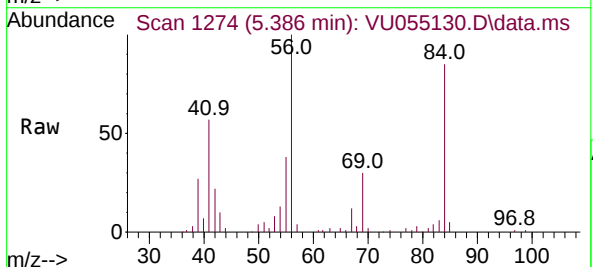
Tgt Ion: 56 Resp: 70495

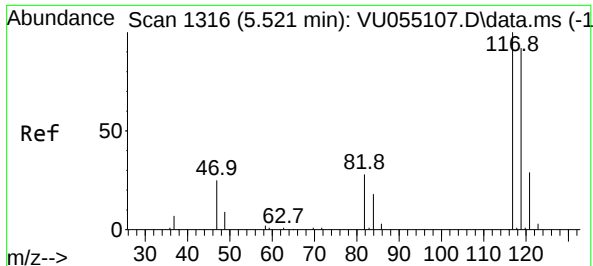
Ion Ratio Lower Upper

56 100

69 30.2 24.6 37.0

84 85.4 68.8 103.2

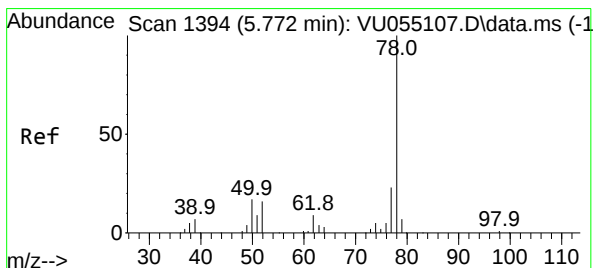
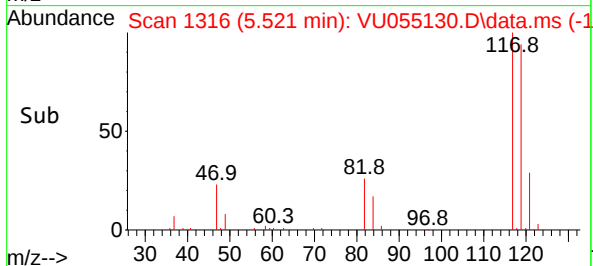
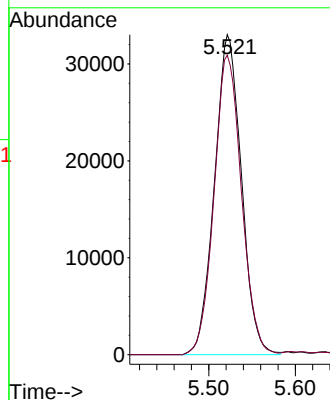
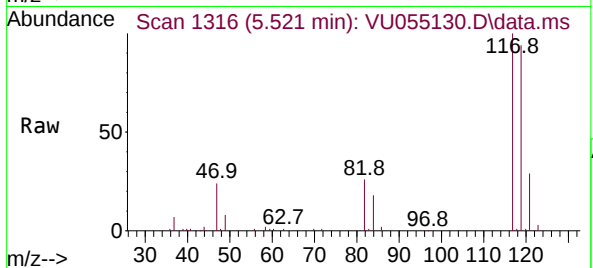




#31
Carbon tetrachloride
Concen: 5.129 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

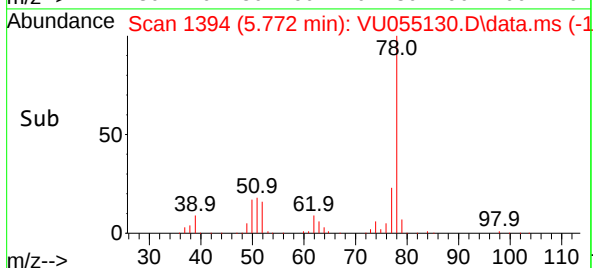
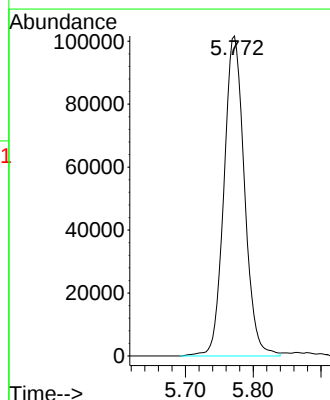
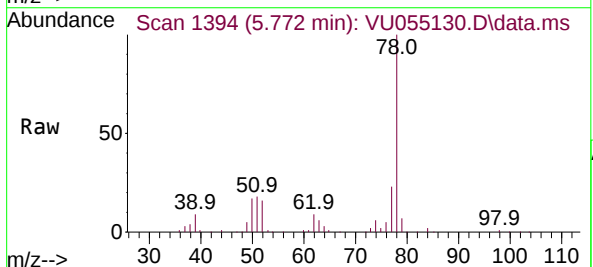
Instrument :
MSVOA_U
ClientSampleId :

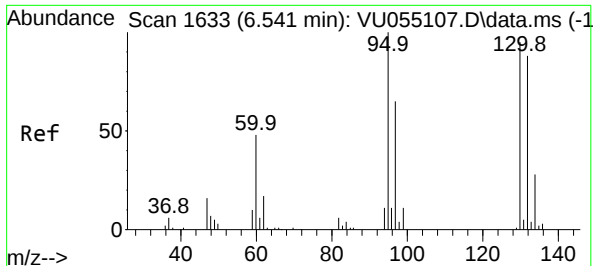
Tgt Ion:117 Resp: 71374
Ion Ratio Lower Upper
117 100
119 95.2 75.4 113.0



#33
Benzene
Concen: 5.193 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

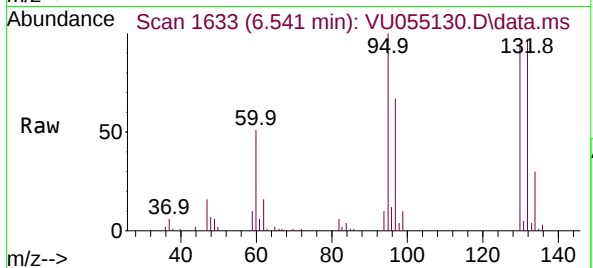
Tgt Ion: 78 Resp: 213816





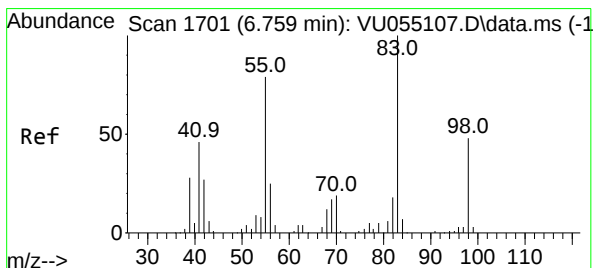
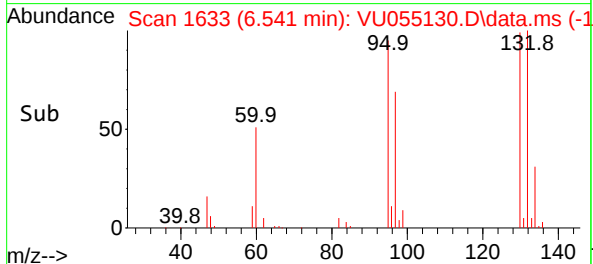
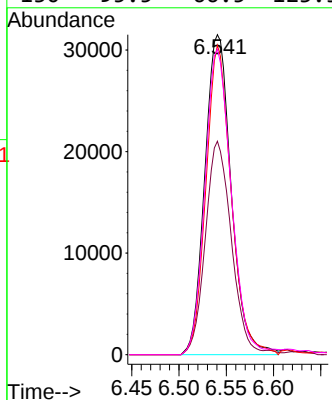
#34
Trichloroethene
Concen: 5.357 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 61304

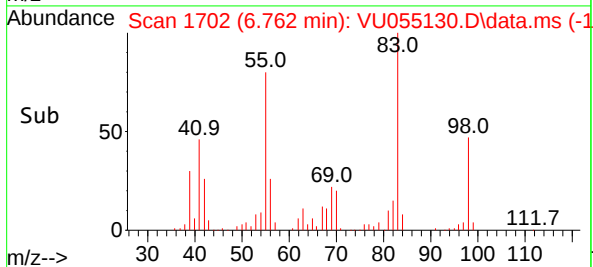
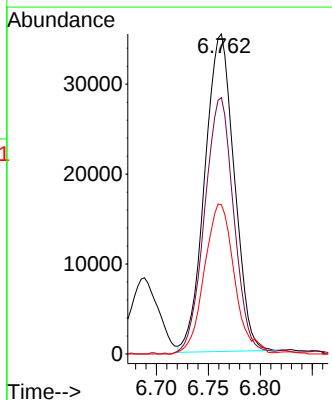
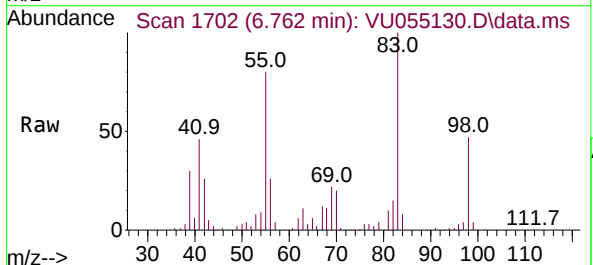
Ion	Ratio	Lower	Upper
95	100		
97	66.7	44.7	83.1
132	96.7	66.6	123.6
130	95.5	66.5	123.5

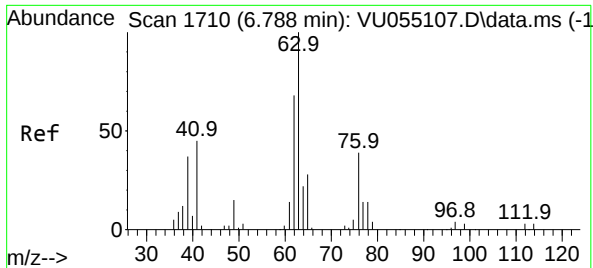


#35
Methylcyclohexane
Concen: 4.341 ug/L
RT: 6.762 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

Tgt Ion: 83 Resp: 69695

Ion	Ratio	Lower	Upper
83	100		
55	80.4	60.4	90.6
98	48.2	35.3	52.9

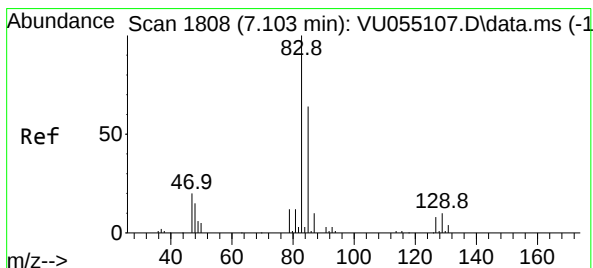
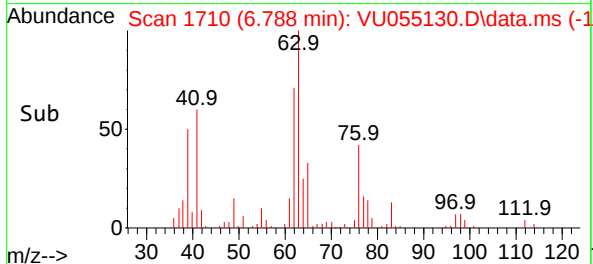
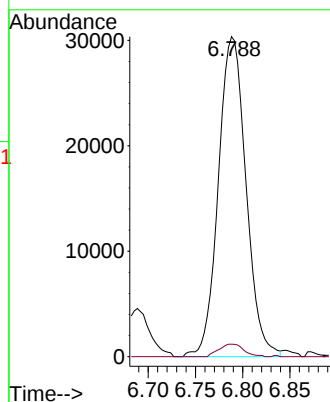
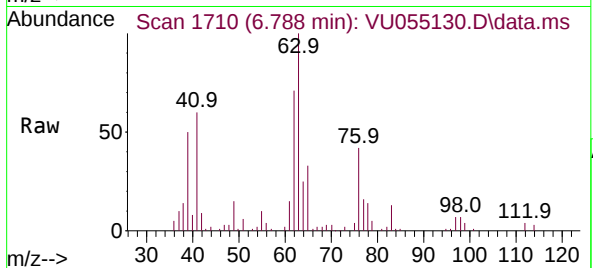




#37
1,2-Dichloropropane
Concen: 5.515 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

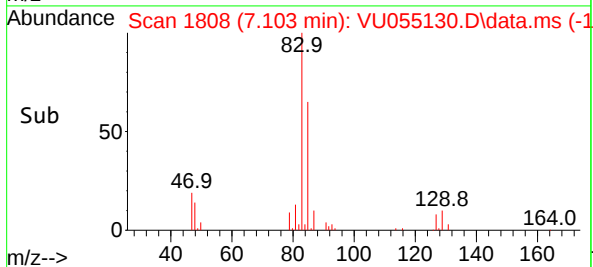
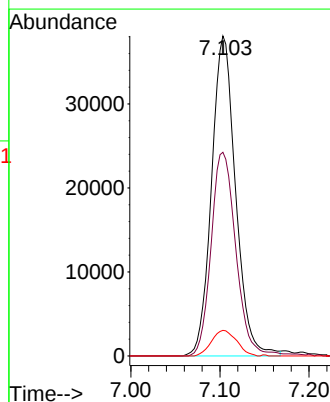
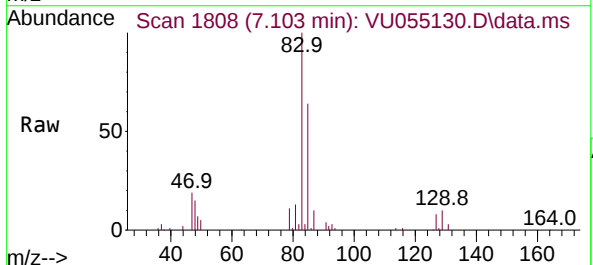
Instrument :
MSVOA_U
ClientSampleId :

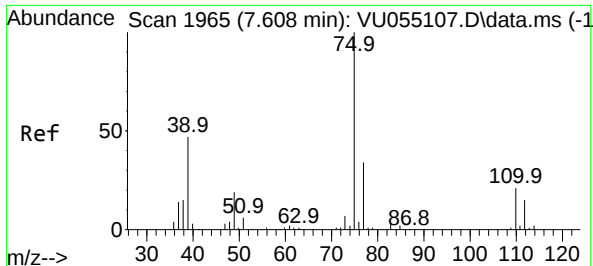
Tgt Ion: 63 Resp: 61829
Ion Ratio Lower Upper
63 100
112 3.5 3.2 4.8



#38
Bromodichloromethane
Concen: 5.336 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

Tgt Ion: 83 Resp: 71422
Ion Ratio Lower Upper
83 100
85 63.7 44.9 83.5
127 8.0 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 4.832 ug/L

RT: 7.605 min Scan# 1965

Delta R.T. -0.003 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Instrument :

MSVOA_U

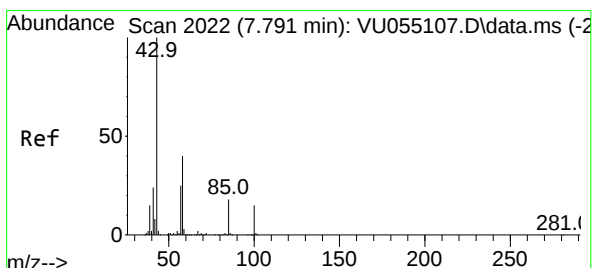
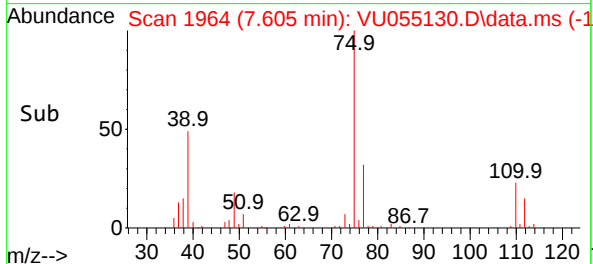
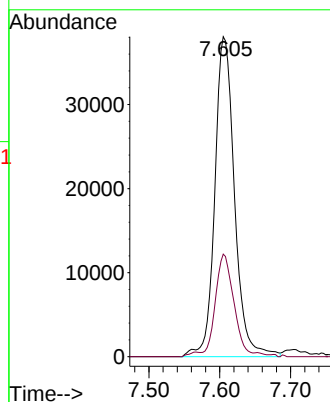
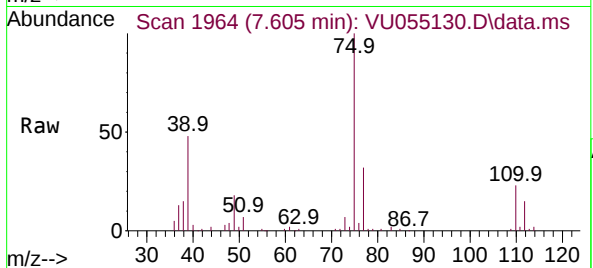
ClientSampleId :

Tgt Ion: 75 Resp: 73678

Ion Ratio Lower Upper

75 100

77 32.1 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 58.522 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.003 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

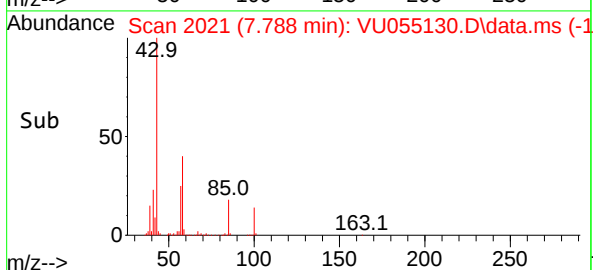
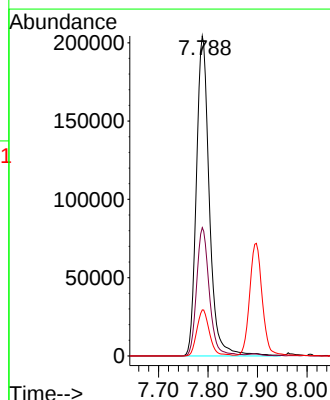
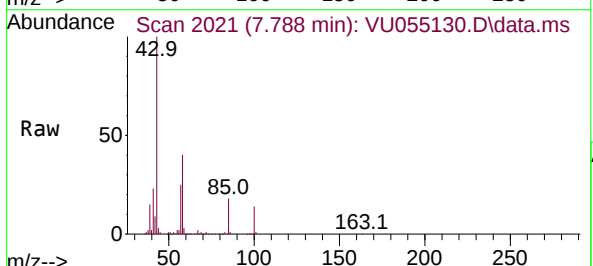
Tgt Ion: 43 Resp: 374223

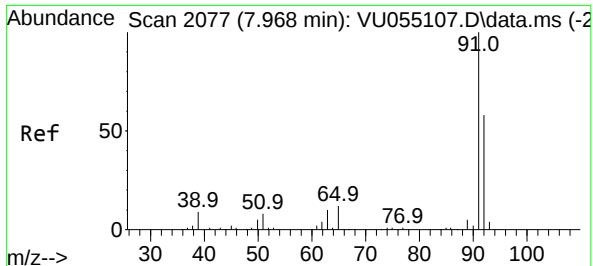
Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3

100 14.1 11.8 17.8





#42

Toluene

Concen: 5.151 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Instrument :

MSVOA_U

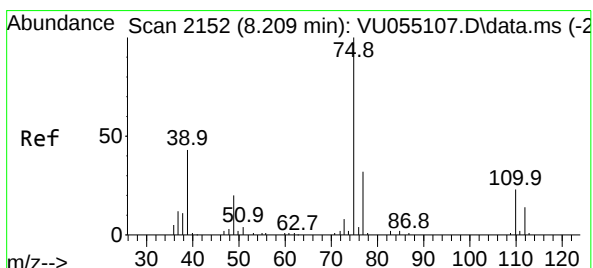
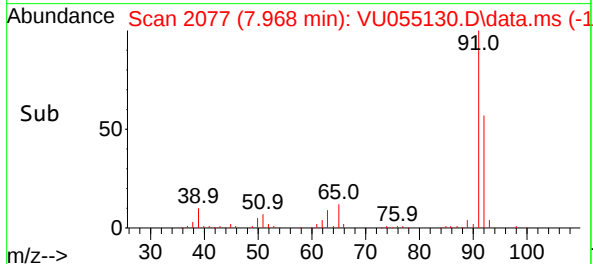
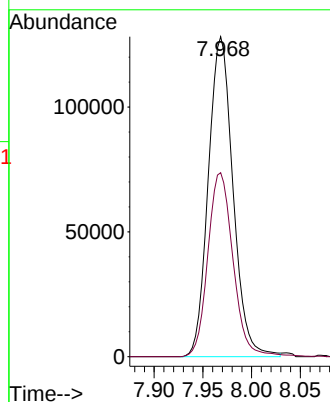
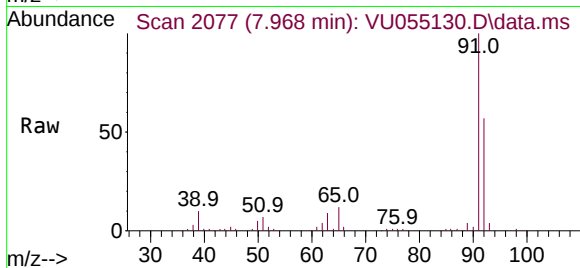
ClientSampleId :

Tgt Ion: 91 Resp: 226104

Ion Ratio Lower Upper

91 100

92 57.5 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 4.809 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055130.D

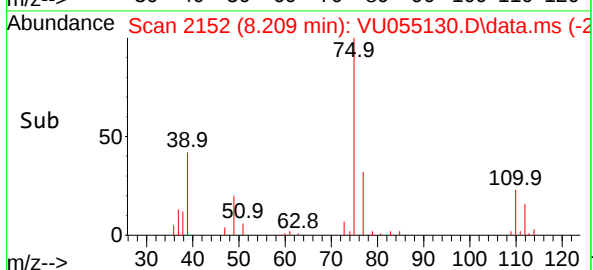
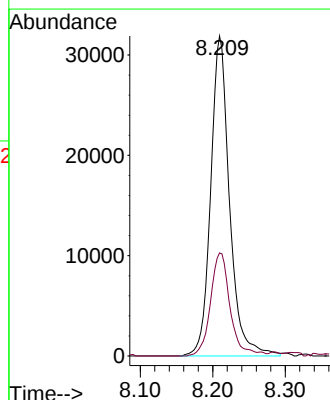
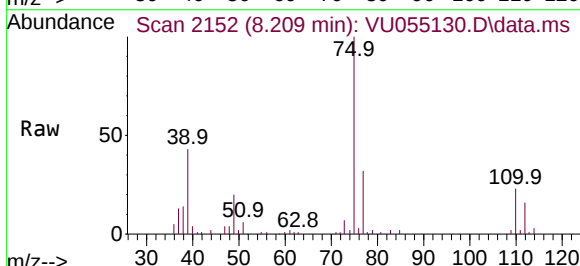
Acq: 06 Sep 2023 06:15

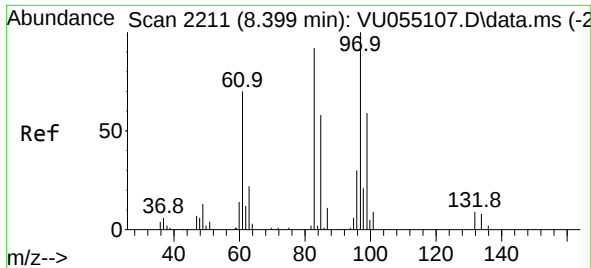
Tgt Ion: 75 Resp: 57547

Ion Ratio Lower Upper

75 100

77 32.2 20.5 38.1

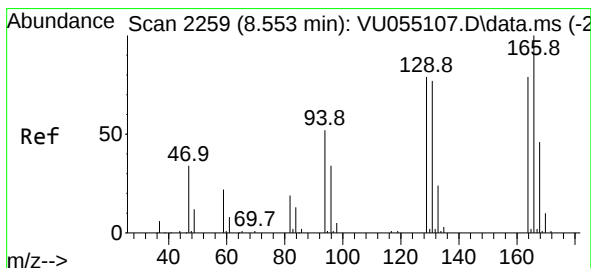
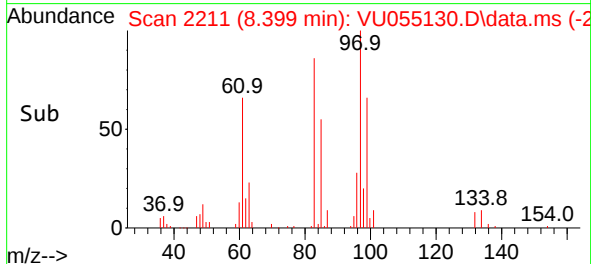
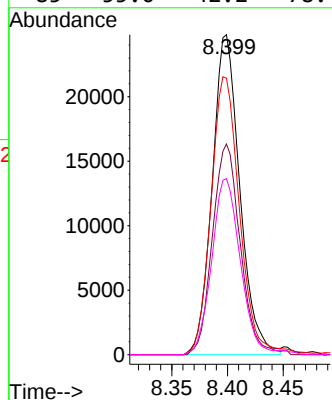
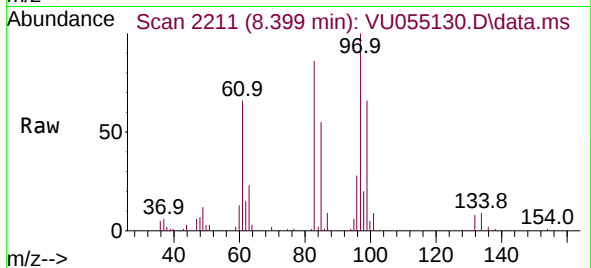




#45
1,1,2-Trichloroethane
Concen: 5.660 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

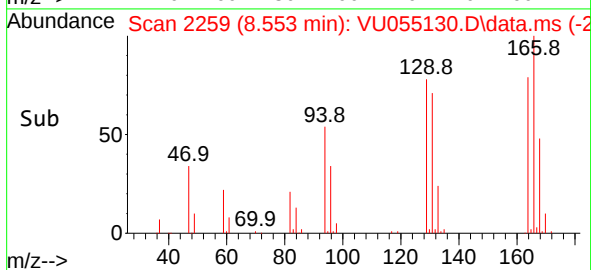
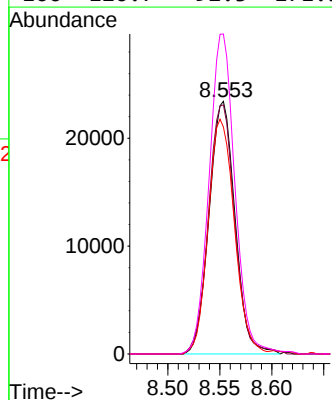
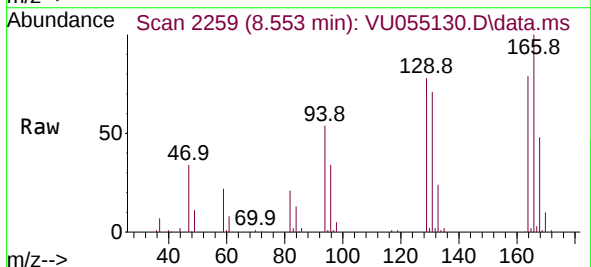
Instrument :
MSVOA_U
ClientSampleId :

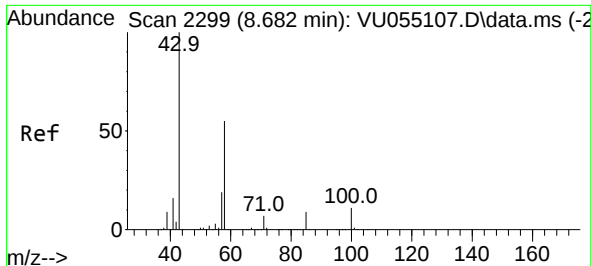
Tgt Ion:	97	Resp:	42737
Ion	Ratio	Lower	Upper
97	100		
99	65.9	44.9	83.5
83	86.4	66.9	124.3
85	55.0	42.2	78.4



#47
Tetrachloroethene
Concen: 5.114 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

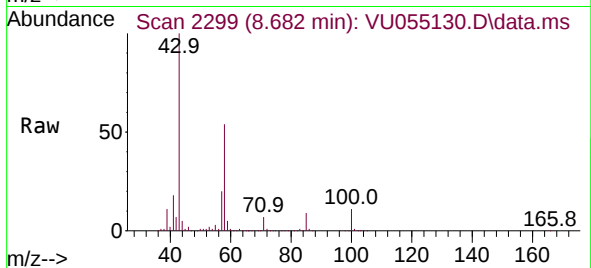
Tgt Ion:	164	Resp:	40448
Ion	Ratio	Lower	Upper
164	100		
129	98.6	69.2	128.6
131	89.9	68.8	127.8
166	126.7	92.3	171.5



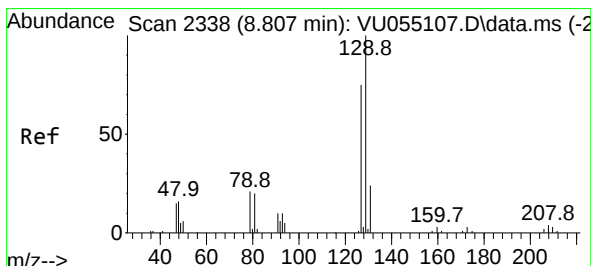
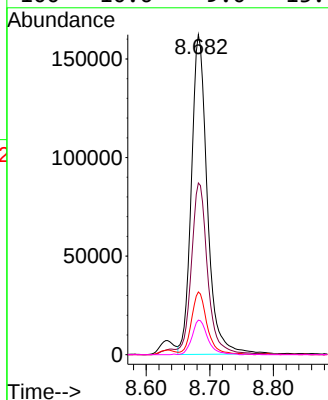
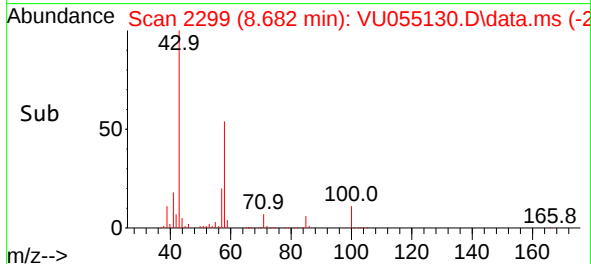


#48
2-Hexanone
Concen: 56.313 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

Instrument :
MSVOA_U
ClientSampleId :

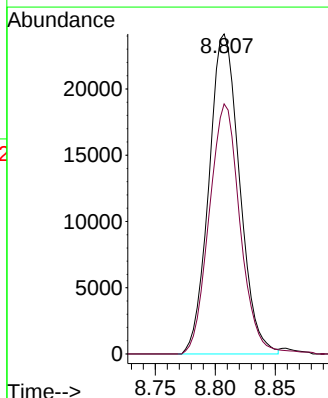
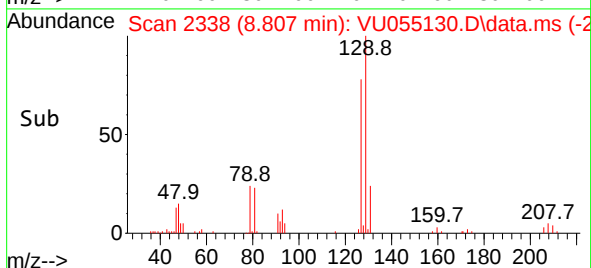
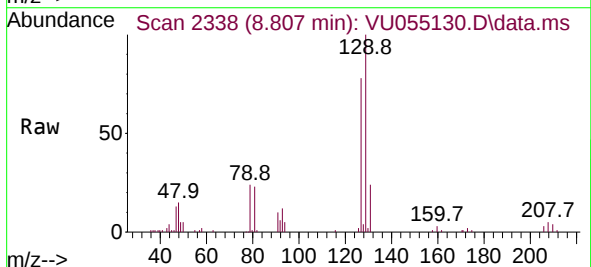


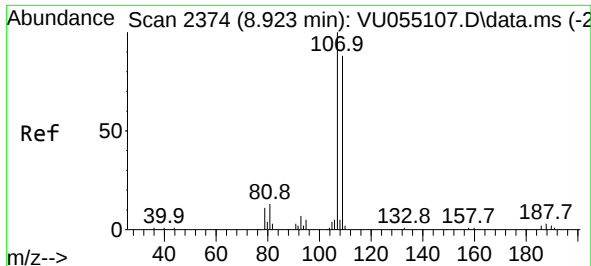
Tgt Ion: 43 Resp: 282056
Ion Ratio Lower Upper
43 100
58 53.9 44.0 66.0
57 19.5 16.2 24.2
100 10.6 9.0 13.4



#49
Dibromochloromethane
Concen: 5.208 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

Tgt Ion: 129 Resp: 42924
Ion Ratio Lower Upper
129 100
127 78.1 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.882 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055130.D

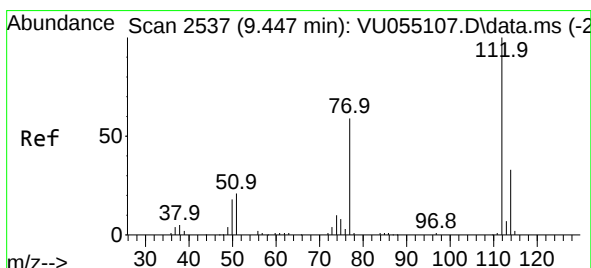
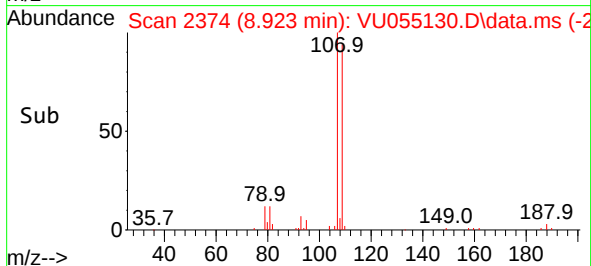
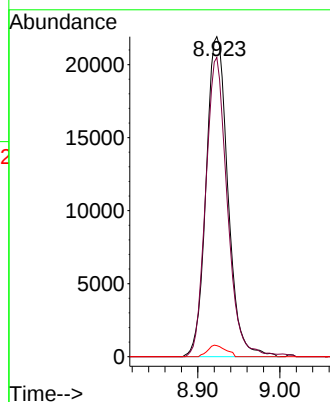
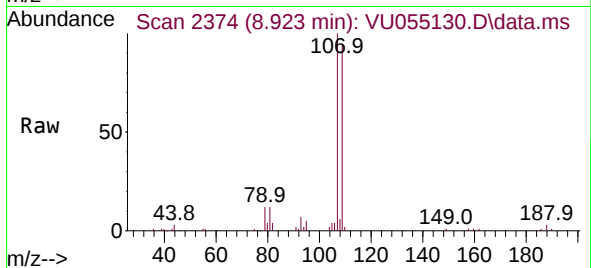
Acq: 06 Sep 2023 06:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	40442
Ion	Ratio	Lower	Upper
107	100		
109	93.5	71.4	132.6
188	3.4	3.1	4.7



#51

Chlorobenzene

Concen: 4.994 ug/L

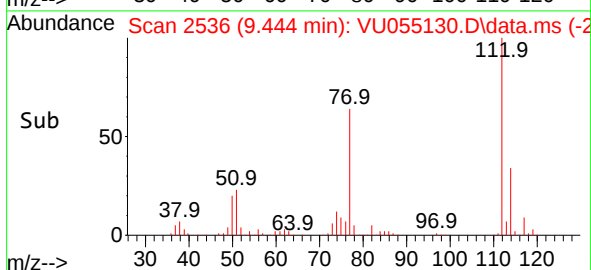
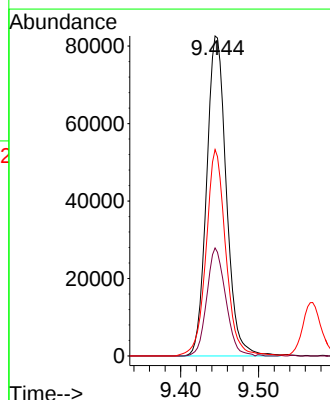
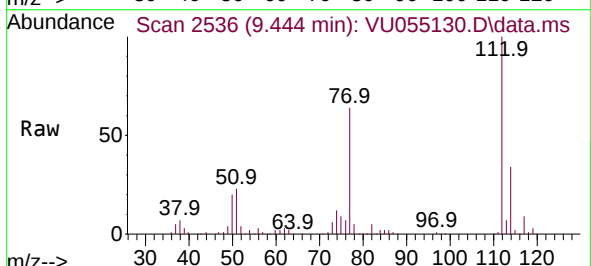
RT: 9.444 min Scan# 2536

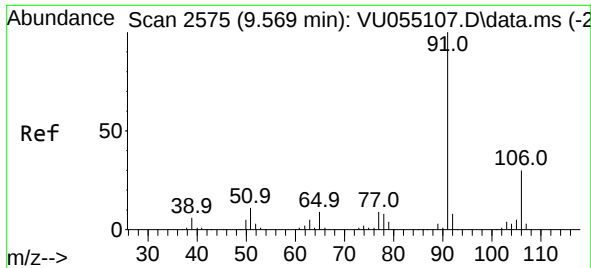
Delta R.T. -0.003 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Tgt Ion:	112	Resp:	145179
Ion	Ratio	Lower	Upper
112	100		
114	33.8	21.7	40.3
77	64.5	48.6	72.8

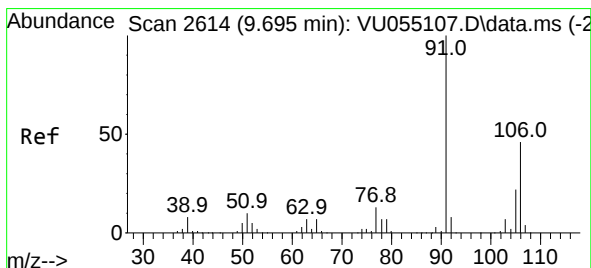
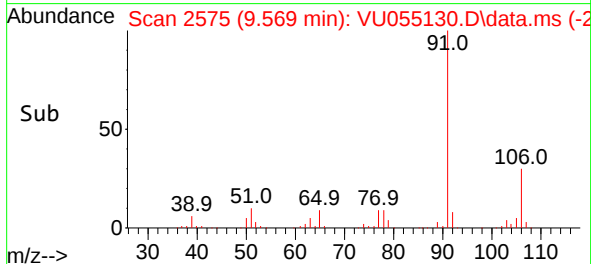
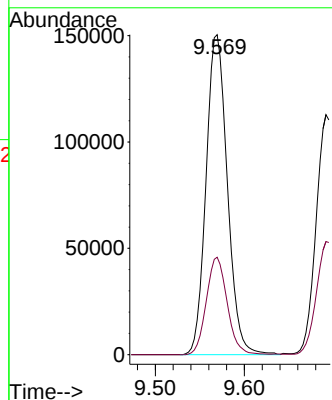
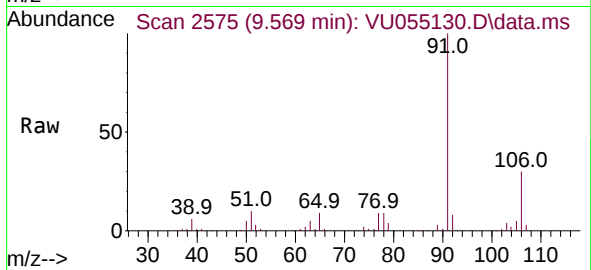




#52
Ethylbenzene
Concen: 5.086 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

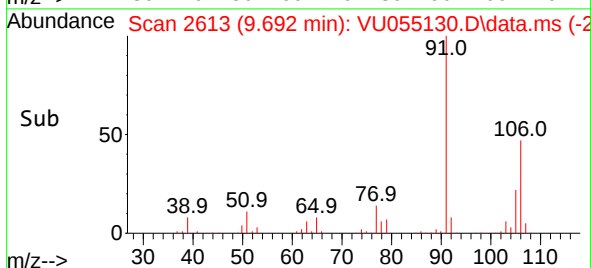
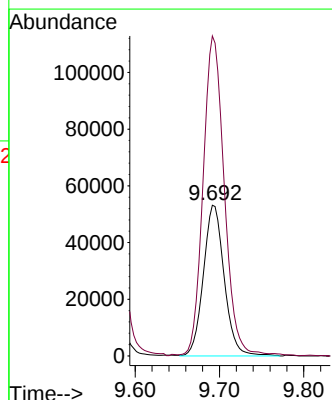
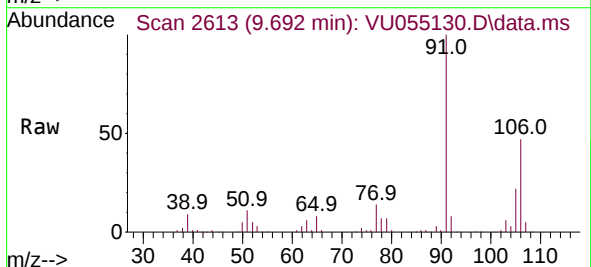
Instrument :
MSVOA_U
ClientSampleId :

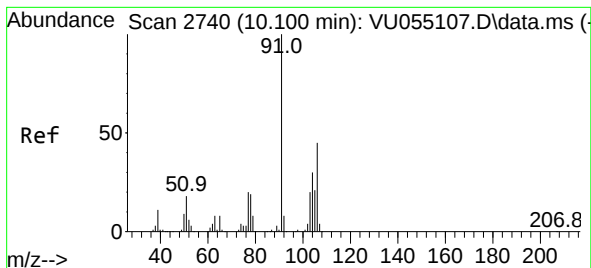
Tgt Ion: 91 Resp: 249792
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 5.052 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.003 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

Tgt Ion: 106 Resp: 91808
Ion Ratio Lower Upper
106 100
91 212.2 148.3 275.5





#54

o-Xylene

Concen: 5.045 ug/L

RT: 10.100 min Scan# 2740

Delta R.T. 0.000 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Instrument :

MSVOA_U

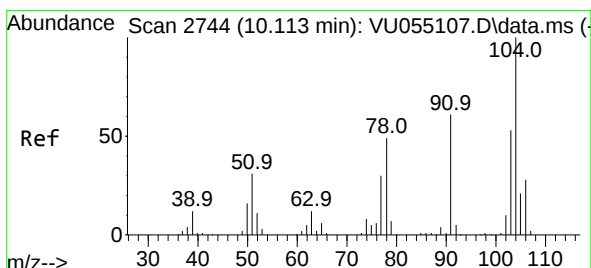
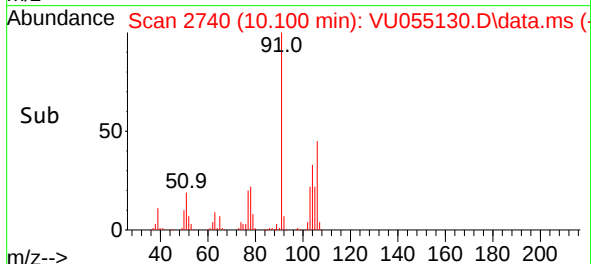
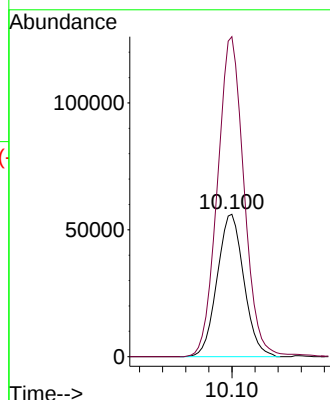
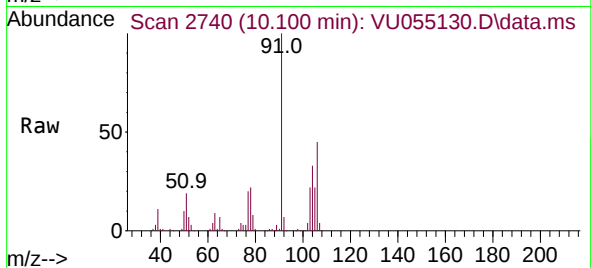
ClientSampleId :

Tgt Ion:106 Resp: 90218

Ion Ratio Lower Upper

106 100

91 224.7 152.9 284.1



#55

Styrene

Concen: 5.286 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU055130.D

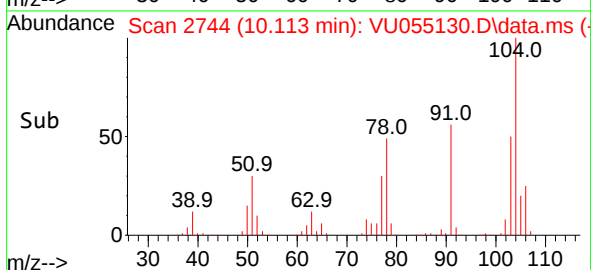
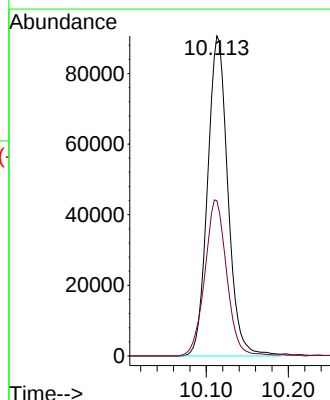
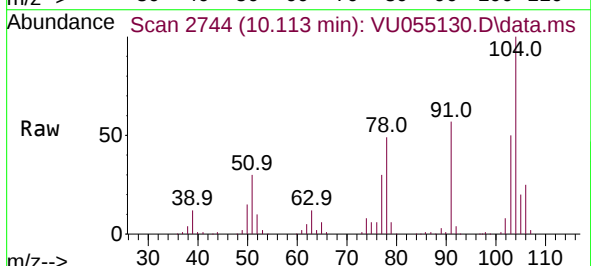
Acq: 06 Sep 2023 06:15

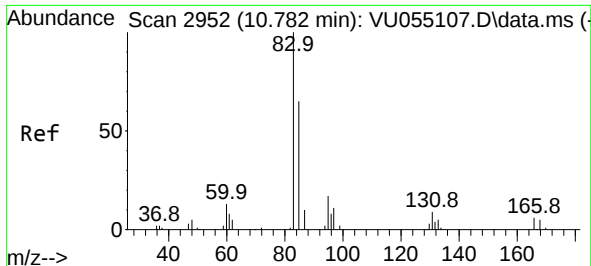
Tgt Ion:104 Resp: 156090

Ion Ratio Lower Upper

104 100

78 48.6 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.668 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Instrument :

MSVOA_U

ClientSampleId :

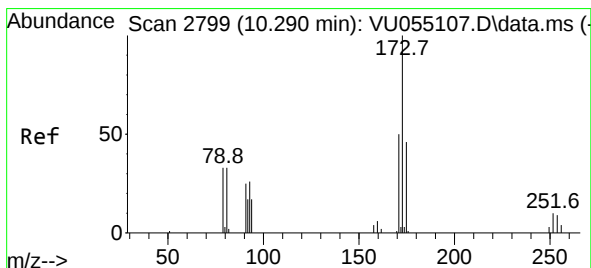
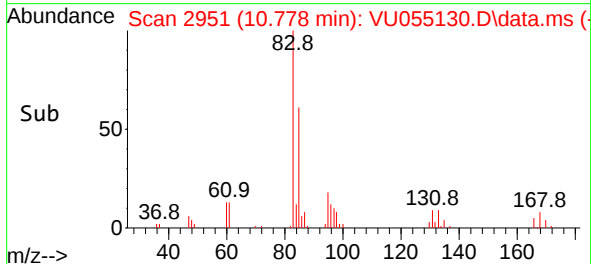
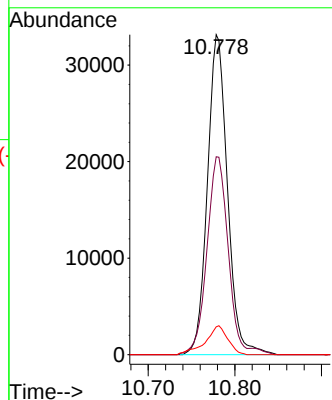
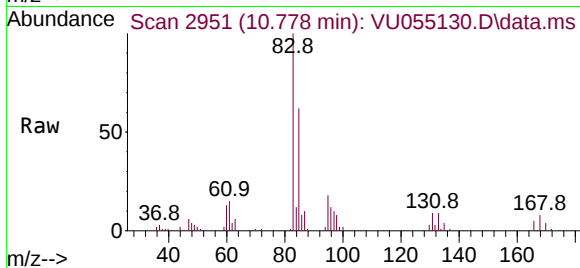
Tgt Ion: 83 Resp: 53310

Ion Ratio Lower Upper

83 100

85 61.9 42.4 78.6

131 8.7 7.6 11.4



#59

Bromoform

Concen: 5.312 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.003 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

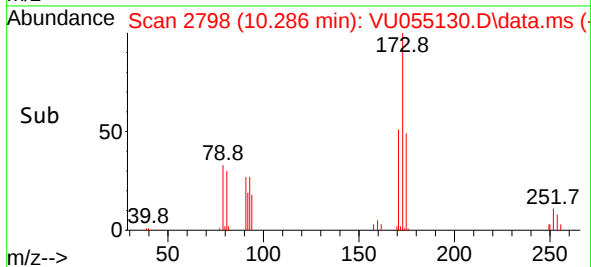
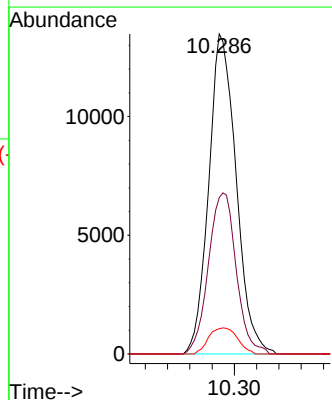
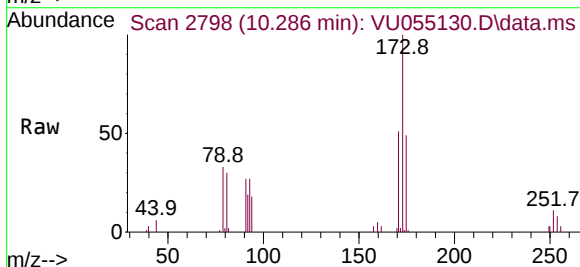
Tgt Ion:173 Resp: 23037

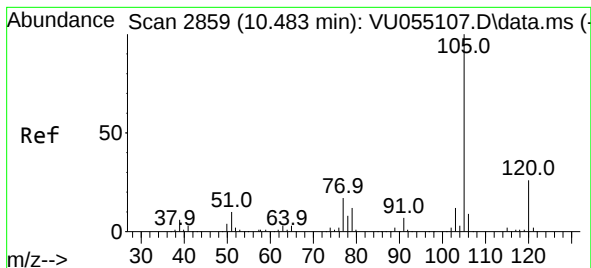
Ion Ratio Lower Upper

173 100

175 51.0 40.9 61.3

254 8.6 7.0 10.4





#60

Isopropylbenzene

Concen: 4.874 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU055130.D

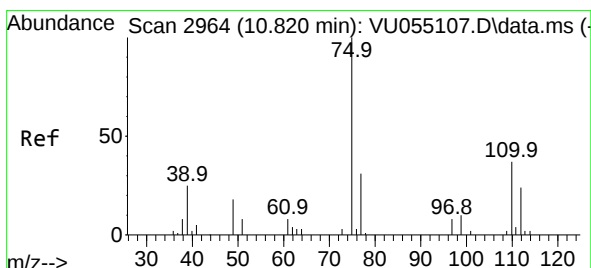
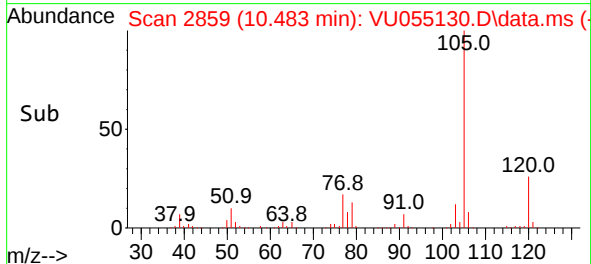
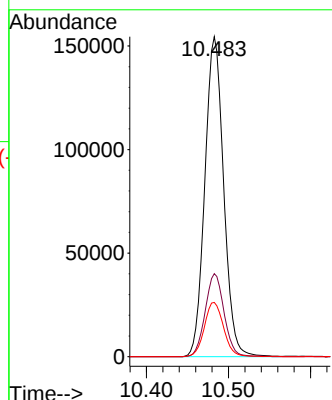
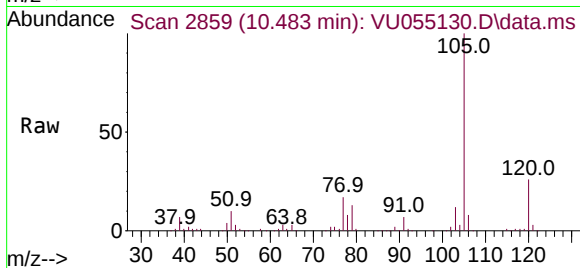
Acq: 06 Sep 2023 06:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	246695
Ion Ratio	Lower	Upper
105	100	
120	26.0	20.1 30.1
77	17.3	13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 5.437 ug/L

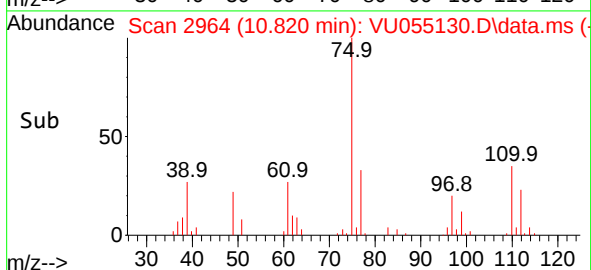
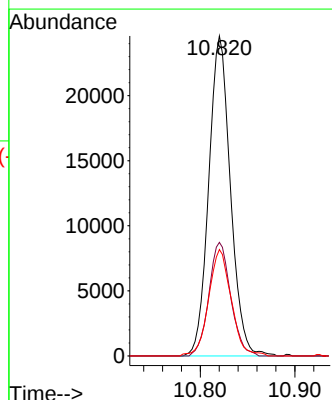
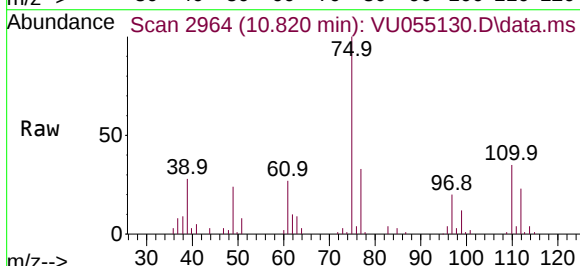
RT: 10.820 min Scan# 2964

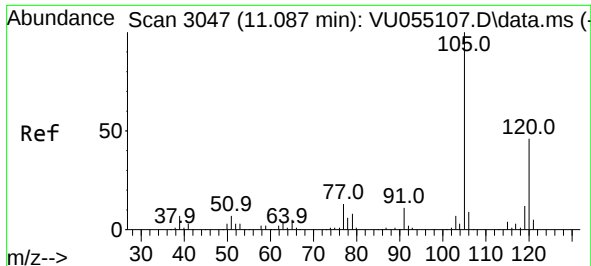
Delta R.T. 0.000 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Tgt Ion: 75	Resp:	39161
Ion Ratio	Lower	Upper
75	100	
110	35.7	28.2 42.2
77	34.5	26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 4.871 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Instrument :

MSVOA_U

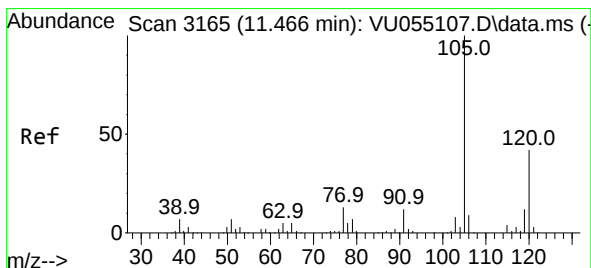
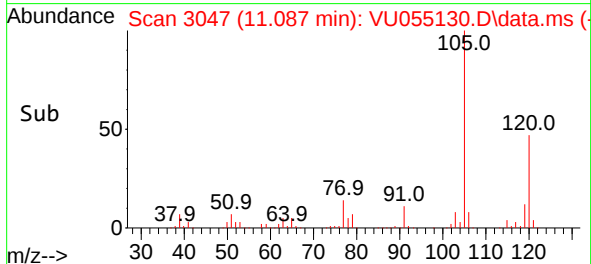
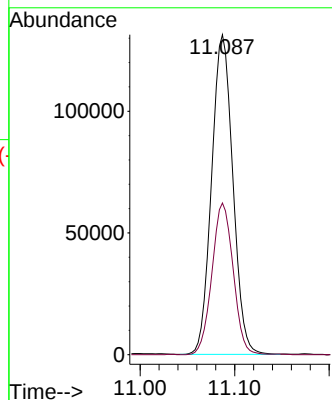
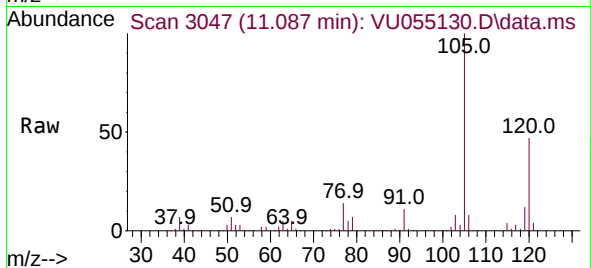
ClientSampleId :

Tgt Ion:105 Resp: 205106

Ion Ratio Lower Upper

105 100

120 47.3 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 4.622 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VU055130.D

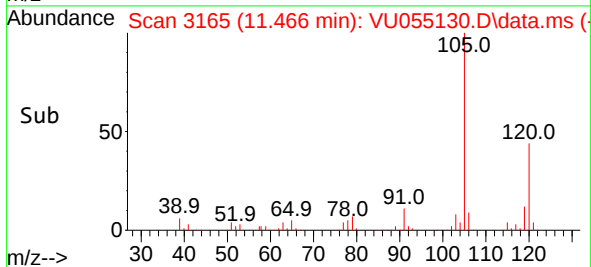
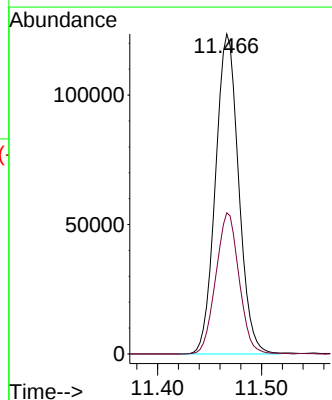
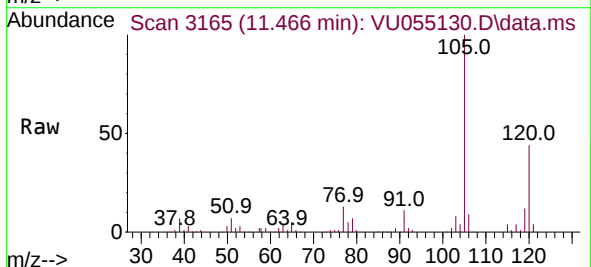
Acq: 06 Sep 2023 06:15

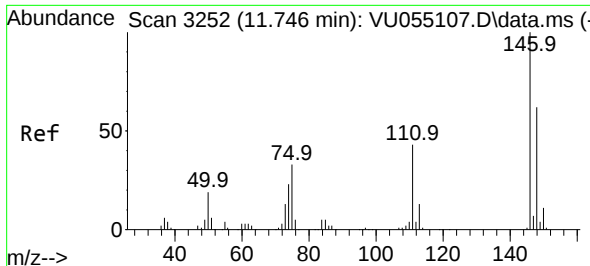
Tgt Ion:105 Resp: 191778

Ion Ratio Lower Upper

105 100

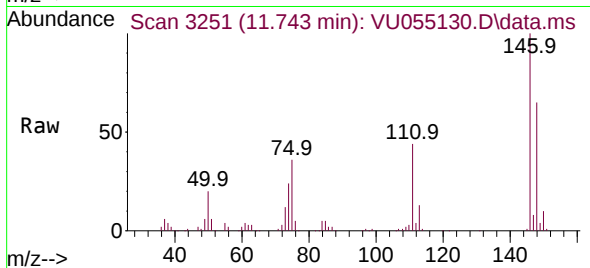
120 44.2 35.4 53.0



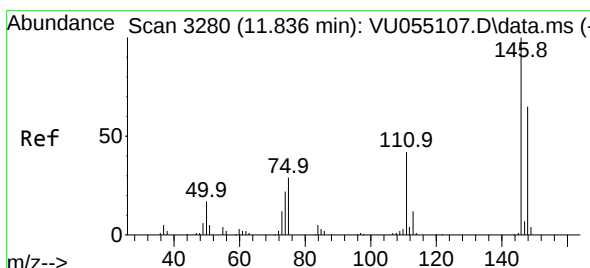
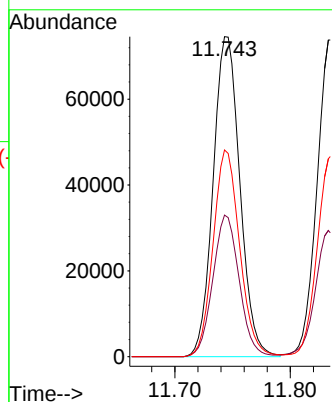
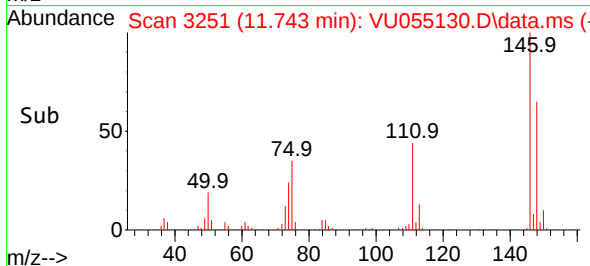


#64
1,3-Dichlorobenzene
Concen: 4.938 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

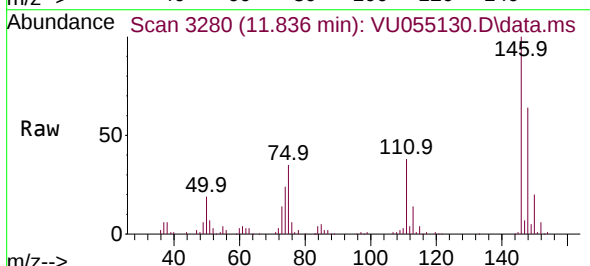
Instrument :
MSVOA_U
ClientSampleId :



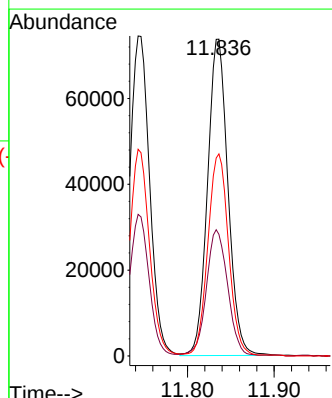
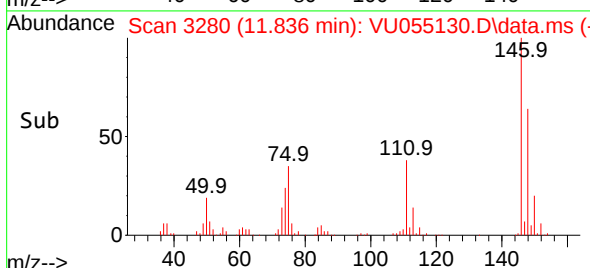
Tgt Ion:146 Resp: 119967
Ion Ratio Lower Upper
146 100
111 44.2 30.0 55.6
148 64.6 45.2 84.0

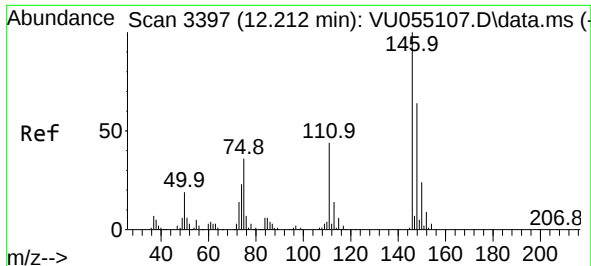


#65
1,4-Dichlorobenzene
Concen: 5.002 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15



Tgt Ion:146 Resp: 121113
Ion Ratio Lower Upper
146 100
111 38.4 28.1 52.1
148 63.8 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 4.999 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Instrument :

MSVOA_U

ClientSampleId :

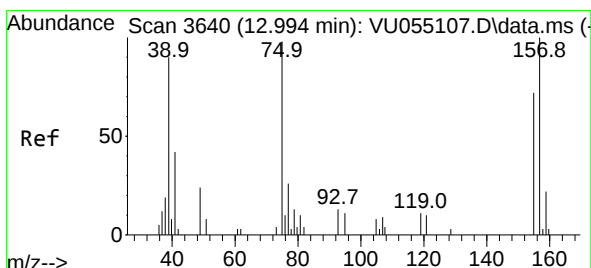
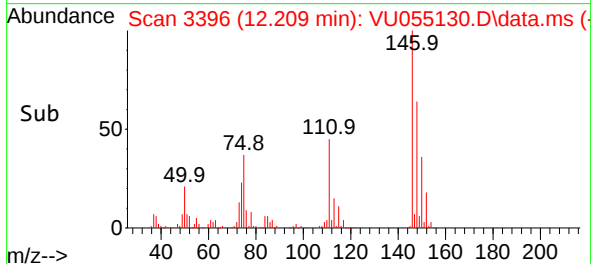
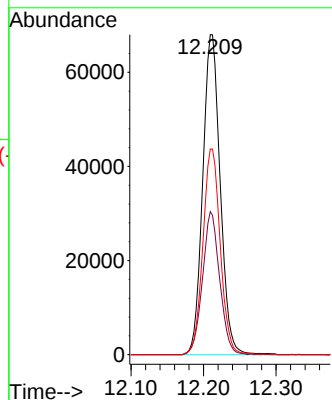
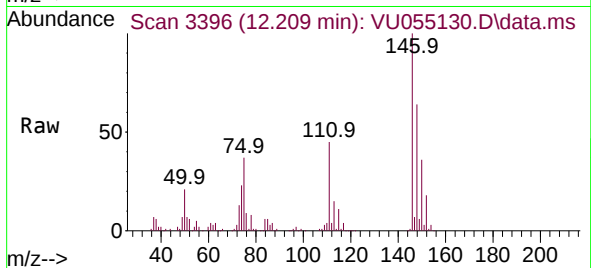
Tgt Ion:146 Resp: 113883

Ion Ratio Lower Upper

146 100

111 44.7 35.6 53.4

148 64.3 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.454 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

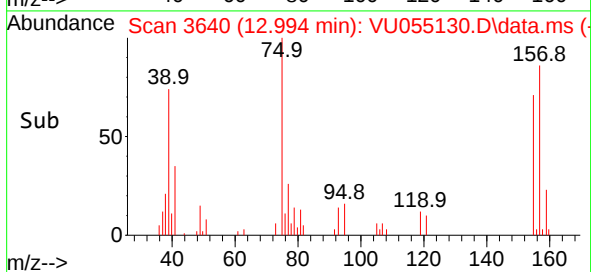
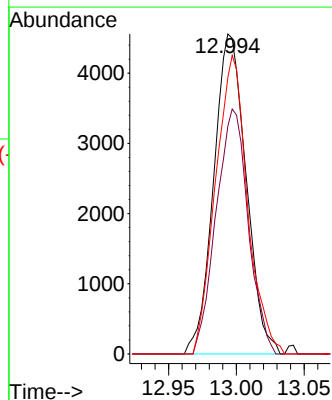
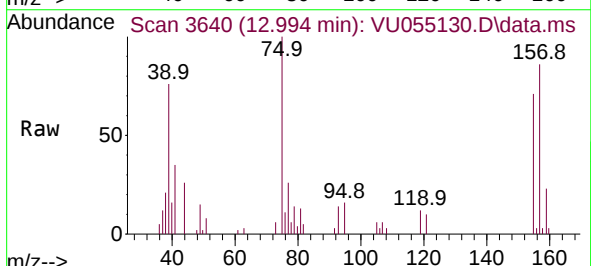
Tgt Ion: 75 Resp: 7568

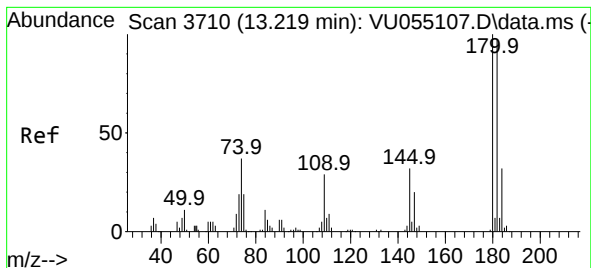
Ion Ratio Lower Upper

75 100

155 71.2 61.1 91.7

157 86.4 66.8 100.2





#69

1,3,5-Trichlorobenzene

Concen: 4.526 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. 0.000 min

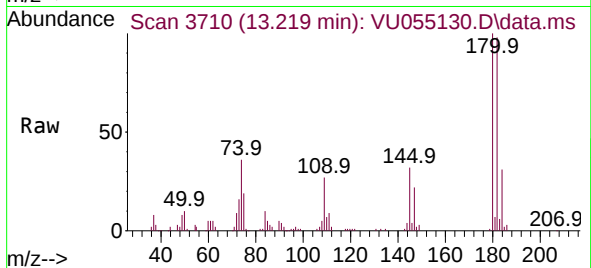
Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 83097

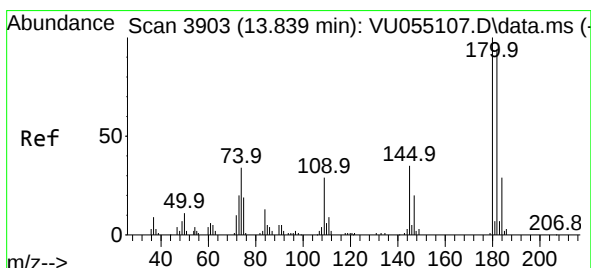
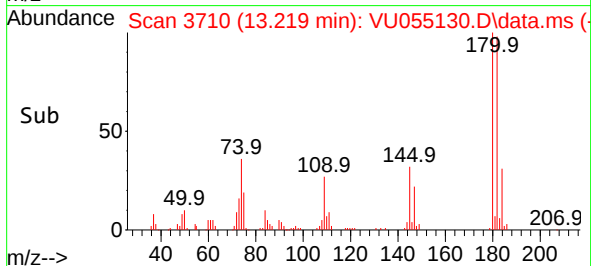
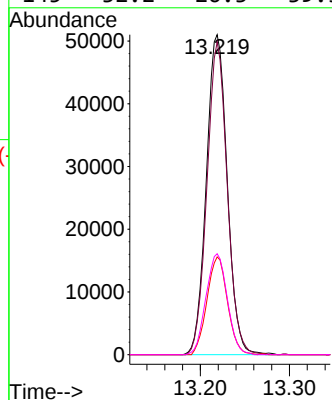
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

184 30.0 24.0 36.0

145 32.2 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 4.091 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.000 min

Lab File: VU055130.D

Acq: 06 Sep 2023 06:15

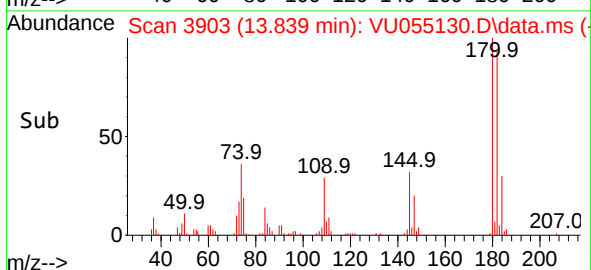
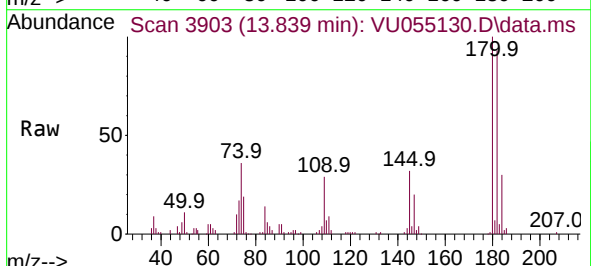
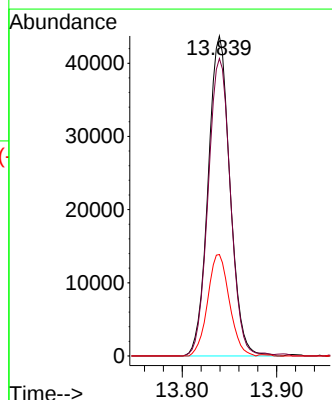
Tgt Ion:180 Resp: 70429

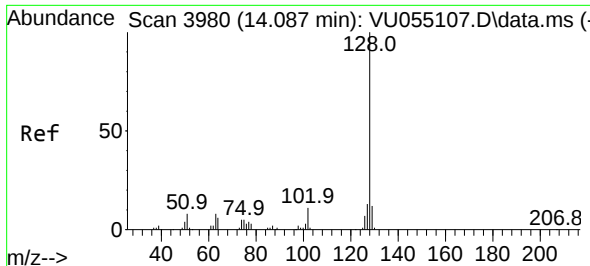
Ion Ratio Lower Upper

180 100

182 94.7 73.6 110.4

145 31.5 25.8 38.8

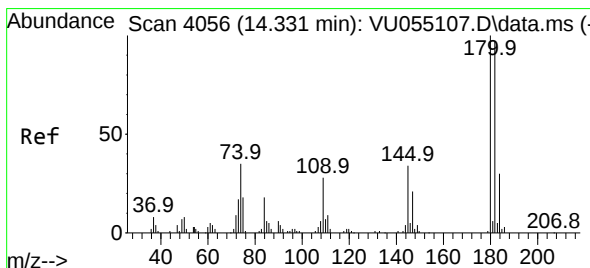
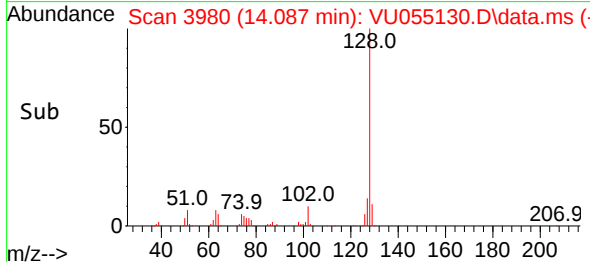
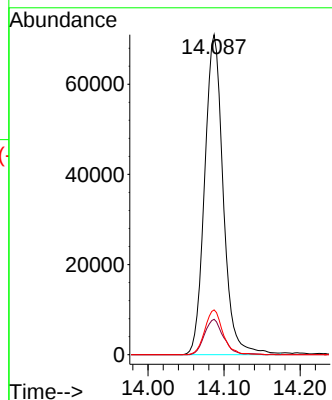
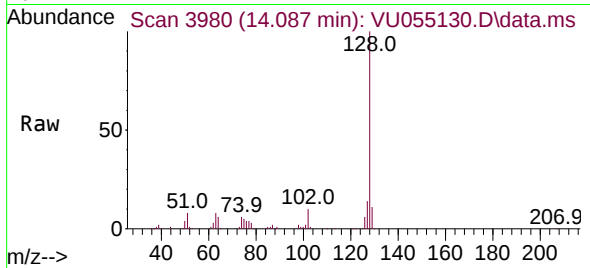




#71
Naphthalene
Concen: 3.859 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.000 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 120771
Ion Ratio Lower Upper
128 100
129 11.1 8.2 12.2
127 13.6 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.383 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VU055130.D
Acq: 06 Sep 2023 06:15

Tgt Ion:180 Resp: 65505
Ion Ratio Lower Upper
180 100
182 93.9 75.6 113.4
145 33.9 27.0 40.6

