

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091423\
 Data File : VU055301.D
 Acq On : 14 Sep 2023 10:56
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 02:51:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188820	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	192348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	106014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	59029	6.670	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	133.400%#
7) Chloroethane-d5	1.911	69	57398	5.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.000%
11) 1,1-Dichloroethene-d2	2.560	65	23481	4.657	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.631	46	105174	40.954	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.900%
24) Chloroform-d	5.058	84	109387	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.701	65	52509	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.727	84	220033	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.688	67	66990	4.436	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.897	98	203433	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.180	79	23232	5.586	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.800%
46) 2-Hexanone-d5	8.634	63	64250	38.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.100%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	44825	4.221	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	69143	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	45066	4.107	ug/L	99
3) Chloromethane	1.515	50	41620	3.726	ug/L	95
5) Vinyl chloride	1.599	62	48054	4.078	ug/L	99
6) Bromomethane	1.853	94	37046	5.213	ug/L	96
8) Chloroethane	1.930	64	40944	5.336	ug/L	100
9) Trichlorofluoromethane	2.132	101	86758	5.063	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	47989	4.813	ug/L	97
12) 1,1-Dichloroethene	2.576	96	37361	4.280	ug/L	90
13) Acetone	2.637	43	80970	47.043	ug/L	100
14) Carbon disulfide	2.788	76	77707	3.635	ug/L	99
15) Methyl Acetate	2.955	43	16665	4.730	ug/L	93
16) Methylene chloride	3.039	84	57684	4.325	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	115232	5.033	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	42531	4.802	ug/L	85
19) 1,1-Dichloroethane	3.865	63	98438	5.143	ug/L	96
21) 2-Butanone	4.711	43	120451	47.630	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	55746	5.142	ug/L	96
23) Bromochloromethane	4.971	128	24721	5.544	ug/L	95
25) Chloroform	5.084	83	109047	5.470	ug/L	92

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Quant Time: Sep 15 02:51:06 2023
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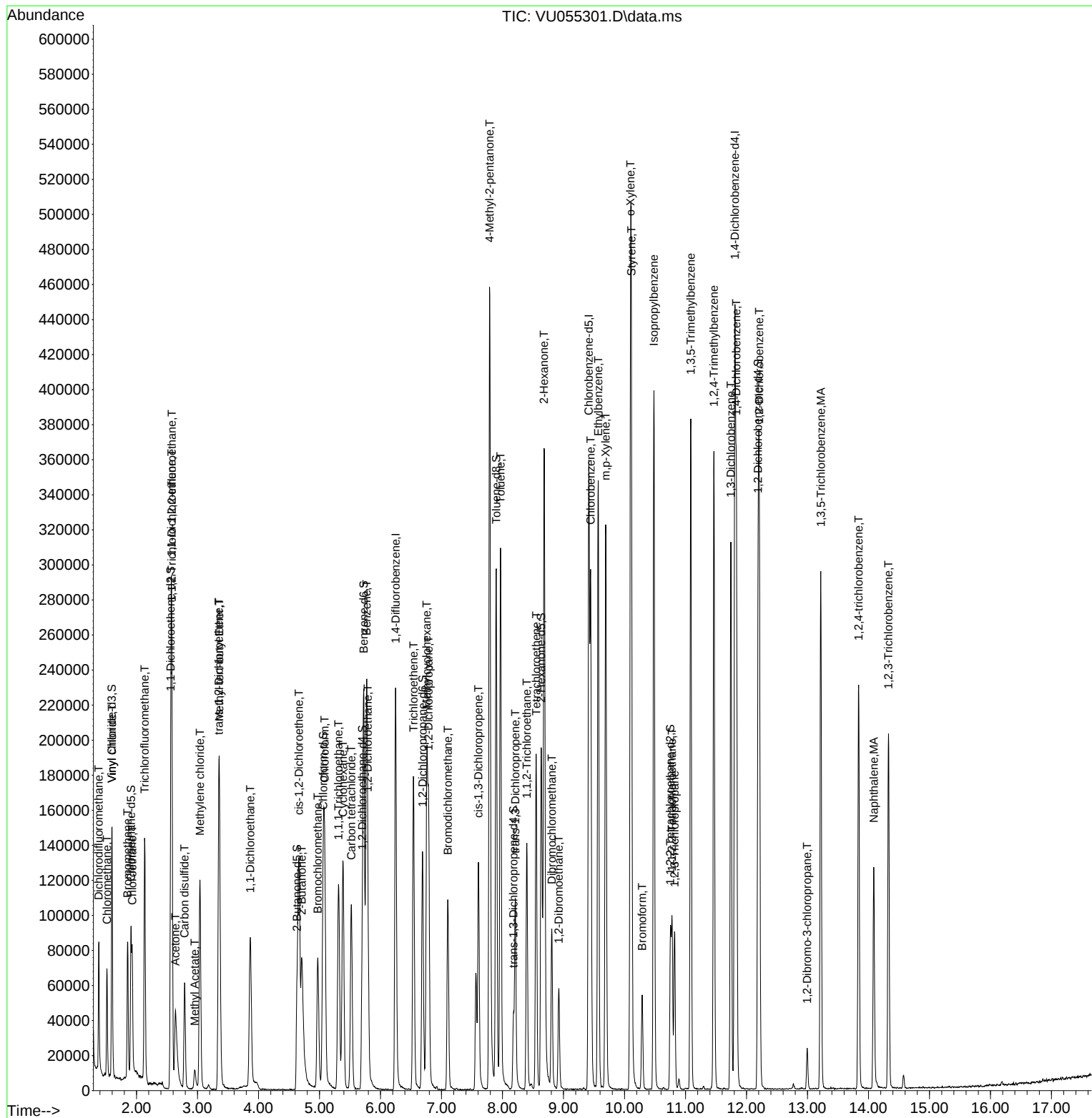
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	64190	5.276	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	87754	5.274	ug/L	98
30) Cyclohexane	5.386	56	62157	4.201	ug/L	95
31) Carbon tetrachloride	5.521	117	69832	5.047	ug/L	96
33) Benzene	5.772	78	210000	5.130	ug/L	100
34) Trichloroethene	6.541	95	60682	5.334	ug/L	97
35) Methylcyclohexane	6.759	83	68385	4.284	ug/L	96
37) 1,2-Dichloropropane	6.788	63	58353	5.236	ug/L	99
38) Bromodichloromethane	7.103	83	74222	5.578	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	75662	4.991	ug/L	92
40) 4-Methyl-2-pentanone	7.788	43	299521	47.112	ug/L	95
42) Toluene	7.968	91	228848	5.244	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	62005	5.211	ug/L	94
45) 1,1,2-Trichloroethane	8.399	97	44035	5.866	ug/L	91
47) Tetrachloroethene	8.553	164	40709	5.177	ug/L	97
48) 2-Hexanone	8.682	43	234360	47.062	ug/L	96
49) Dibromochloromethane	8.807	129	45909	5.602	ug/L	91
50) 1,2-Dibromoethane	8.923	107	39739	5.813	ug/L #	92
51) Chlorobenzene	9.444	112	152782	5.286	ug/L	100
52) Ethylbenzene	9.569	91	250219	5.125	ug/L	99
53) m,p-Xylene	9.692	106	94933	5.255	ug/L	93
54) o-Xylene	10.100	106	93231	5.244	ug/L	94
55) Styrene	10.113	104	159546	5.434	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.778	83	45288	4.843	ug/L	96
59) Bromoform	10.290	173	23431	5.532	ug/L	97
60) Isopropylbenzene	10.483	105	260301	5.266	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	37015	5.261	ug/L	94
62) 1,3,5-Trimethylbenzene	11.087	105	207202	5.038	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	200162	4.939	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	126083	5.313	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	126374	5.343	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	117955	5.301	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	5983	4.415	ug/L	88
69) 1,3,5-Trichlorobenzene	13.219	180	88594	4.940	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	69313	4.122	ug/L	99
71) Naphthalene	14.087	128	105108	3.439	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	60489	4.144	ug/L	100

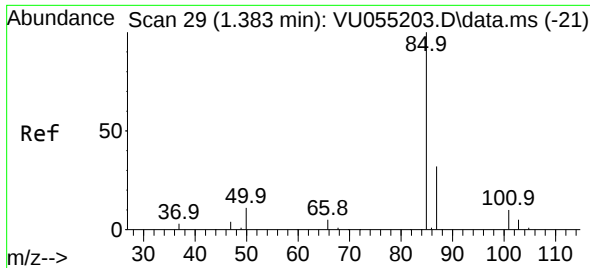
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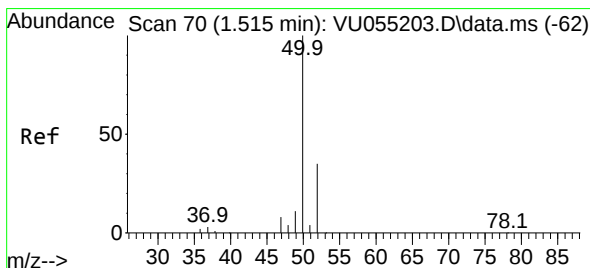
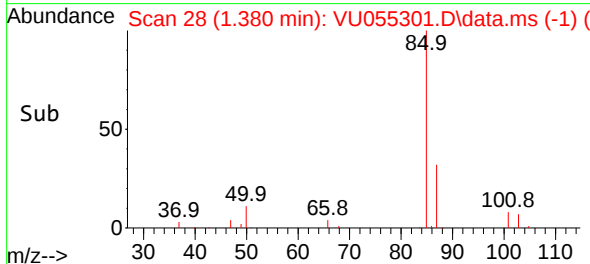
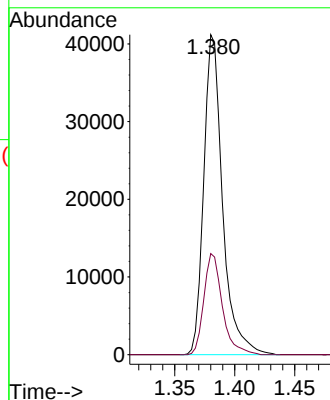
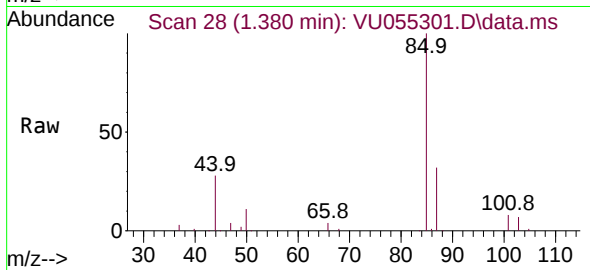




#2
 Dichlorodifluoromethane
 Concen: 4.107 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU055301.D
 Acq: 14 Sep 2023 10:56

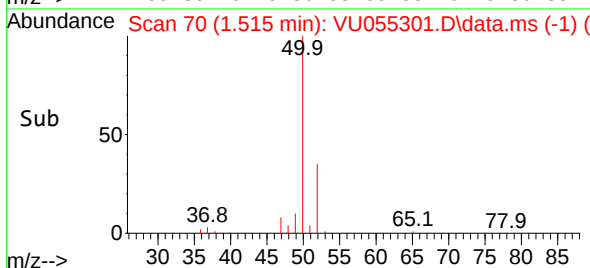
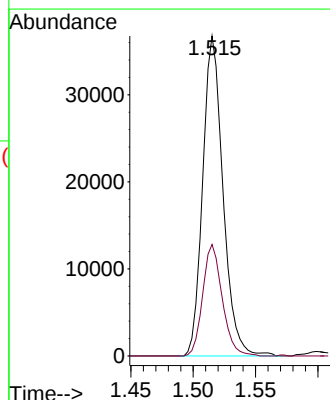
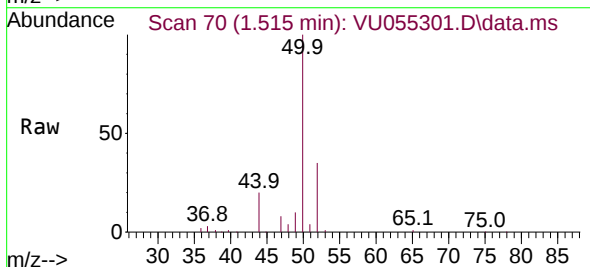
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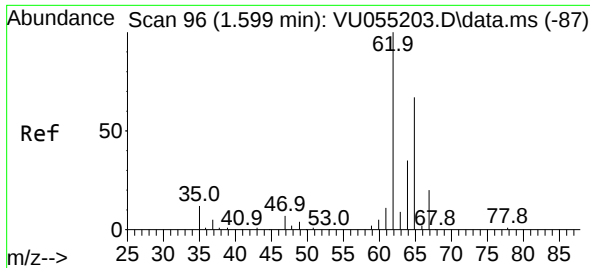
Tgt Ion: 85 Resp: 45066
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.1 37.7



#3
 Chloromethane
 Concen: 3.726 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU055301.D
 Acq: 14 Sep 2023 10:56

Tgt Ion: 50 Resp: 41620
 Ion Ratio Lower Upper
 50 100
 52 34.9 22.5 41.7

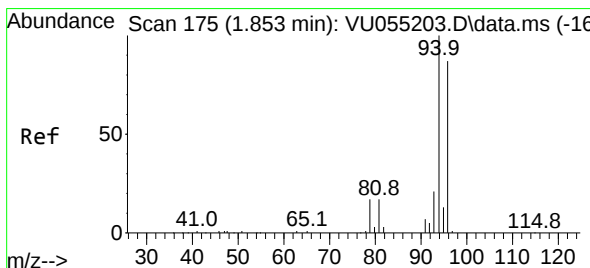
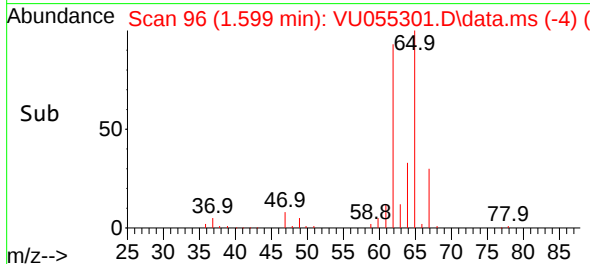
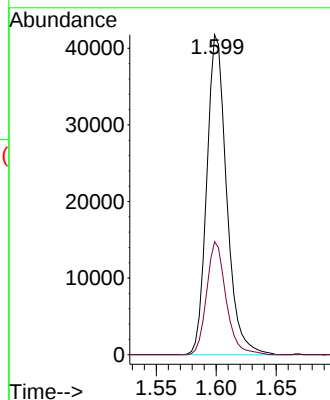
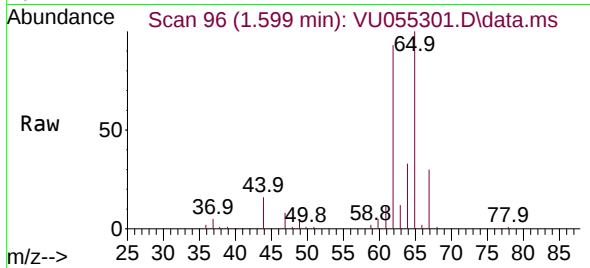




#5
 Vinyl chloride
 Concen: 4.078 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU055301.D
 Acq: 14 Sep 2023 10:56

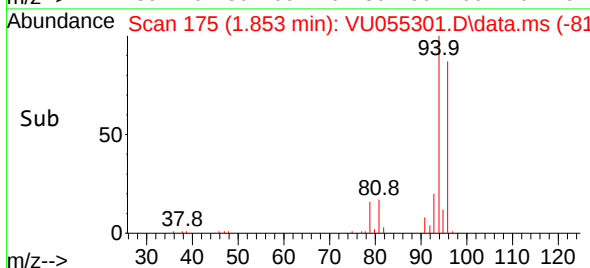
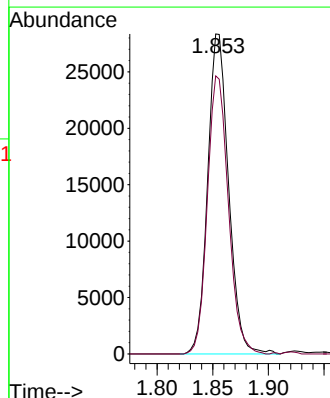
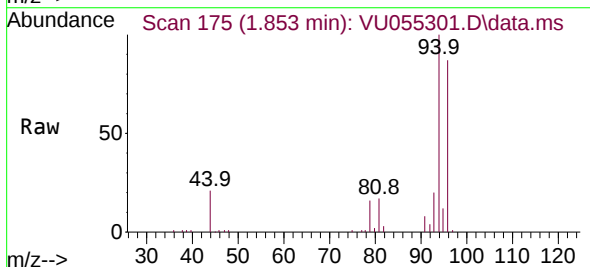
Instrument :
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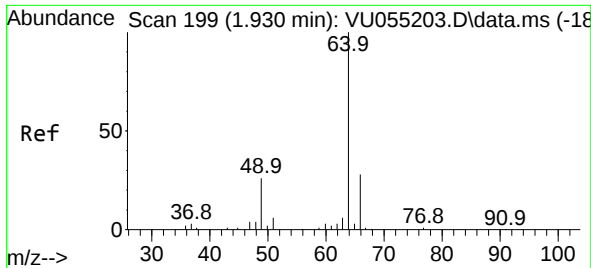
Tgt Ion: 62 Resp: 48054
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.2 45.0



#6
 Bromomethane
 Concen: 5.213 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.003 min
 Lab File: VU055301.D
 Acq: 14 Sep 2023 10:56

Tgt Ion: 94 Resp: 37046
 Ion Ratio Lower Upper
 94 100
 96 86.9 63.8 118.4

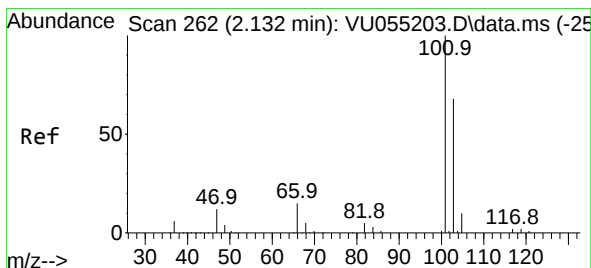
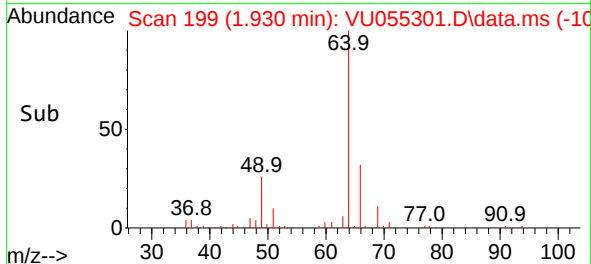
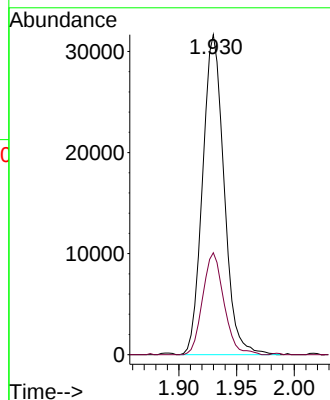
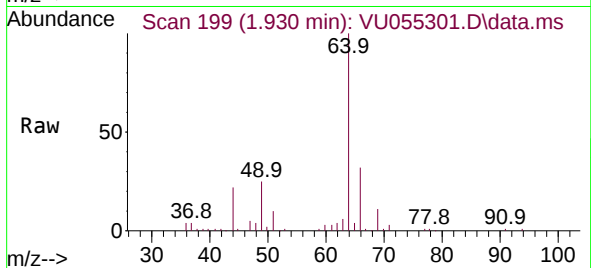




#8
Chloroethane
Concen: 5.336 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.003 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

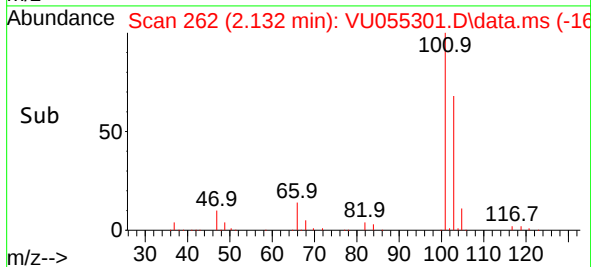
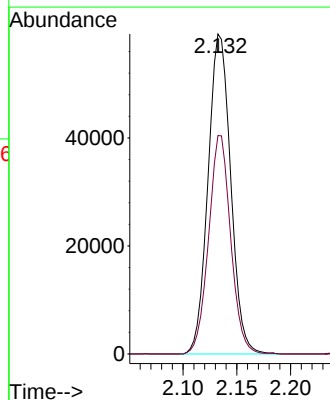
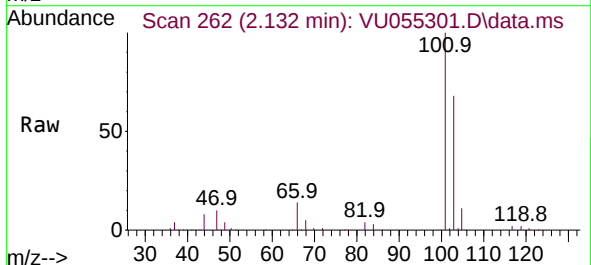
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MSVOA_U
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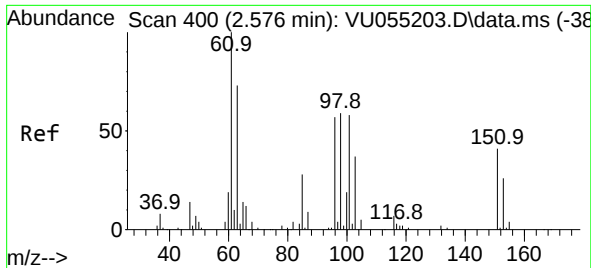
Tgt Ion: 64 Resp: 40944
Ion Ratio Lower Upper
64 100
66 31.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.063 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

Tgt Ion:101 Resp: 86758
Ion Ratio Lower Upper
101 100
103 66.6 51.9 77.9

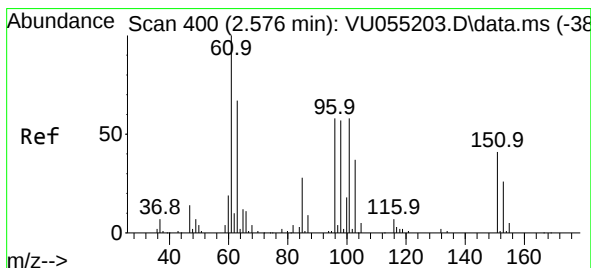
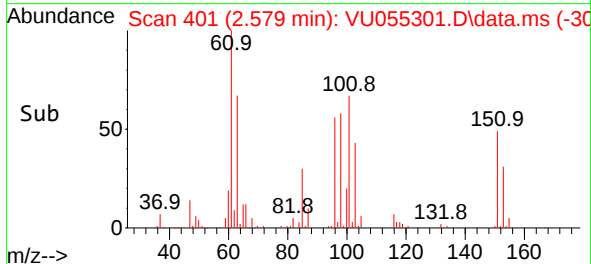
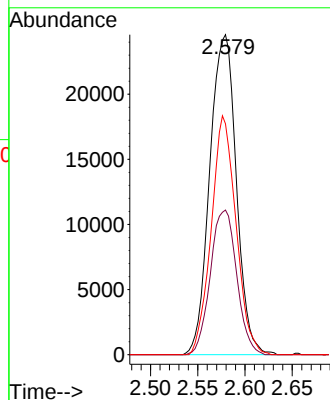
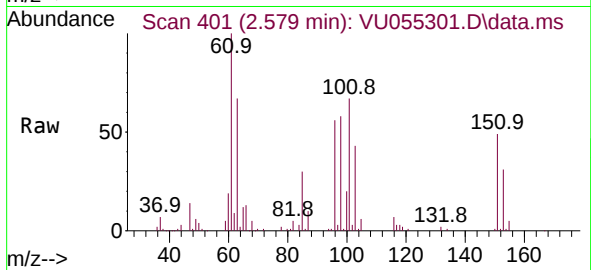




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.813 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055301.D
 Acq: 14 Sep 2023 10:56

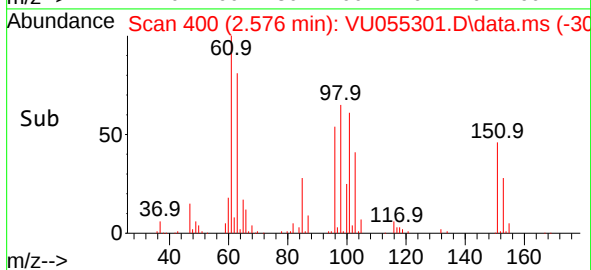
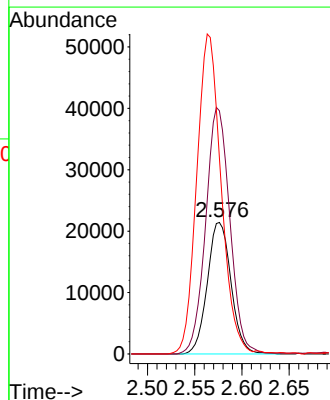
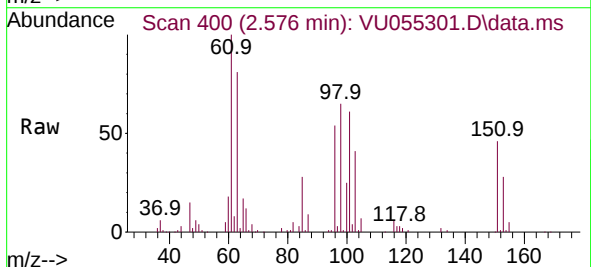
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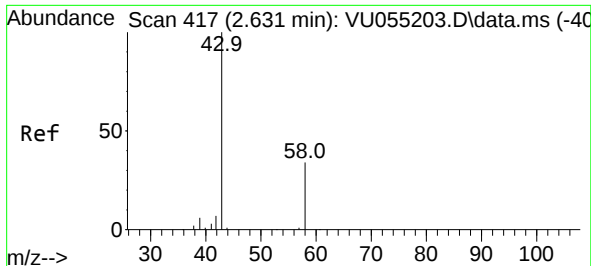
Tgt Ion:101 Resp: 47989
 Ion Ratio Lower Upper
 101 100
 85 44.9 37.3 55.9
 151 69.7 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 4.280 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055301.D
 Acq: 14 Sep 2023 10:56

Tgt Ion: 96 Resp: 37361
 Ion Ratio Lower Upper
 96 100
 61 184.8 120.8 224.4
 63 149.1 94.5 175.5





#13

Acetone

Concen: 47.043 ug/L

RT: 2.637 min Scan# 417

Delta R.T. 0.010 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Instrument :

MSVOA_U

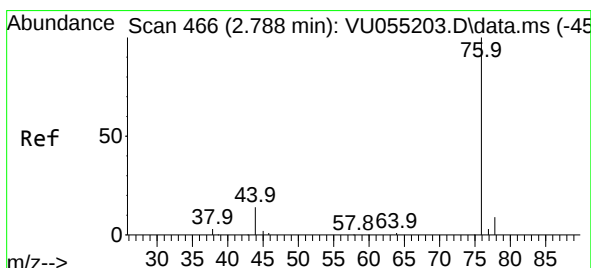
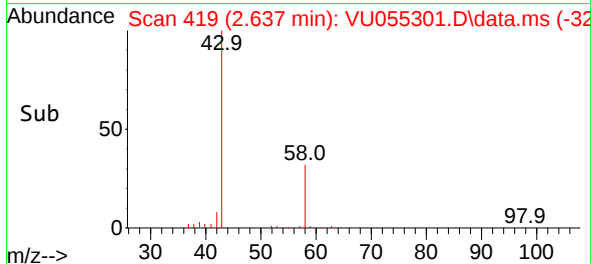
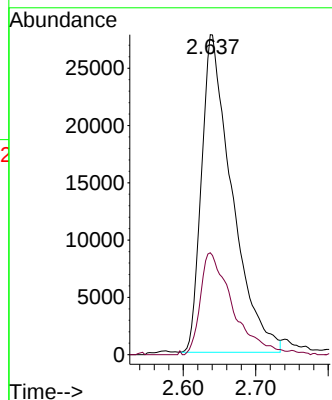
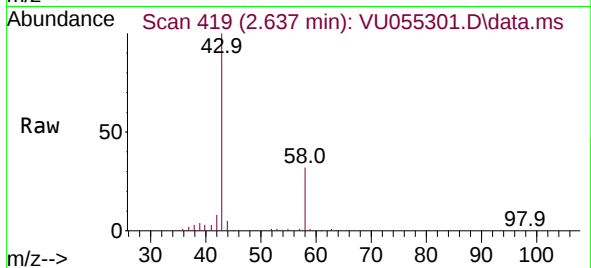
ClientSampleId :

Tgt Ion: 43 Resp: 80970

Ion Ratio Lower Upper

43 100

58 33.9 0.0 67.8



#14

Carbon disulfide

Concen: 3.635 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU055301.D

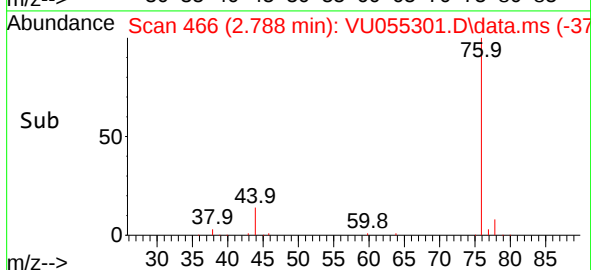
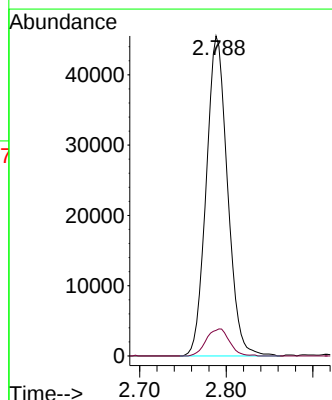
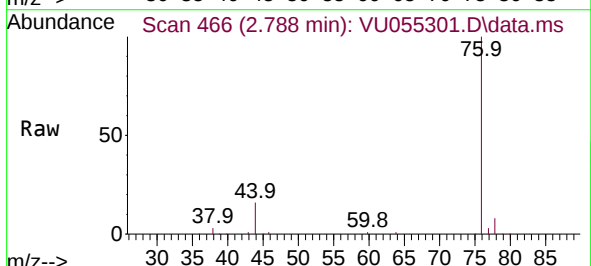
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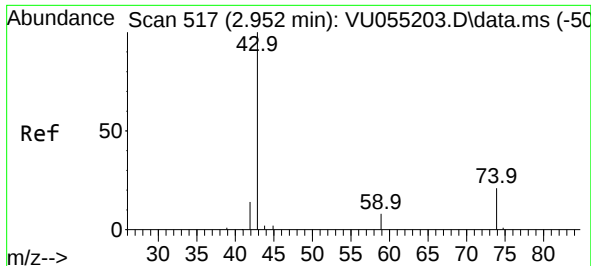
Tgt Ion: 76 Resp: 77707

Ion Ratio Lower Upper

76 100

78 8.0 6.8 10.2

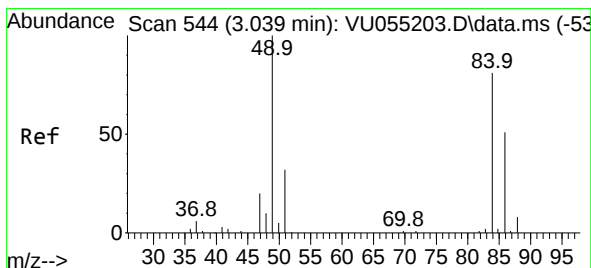
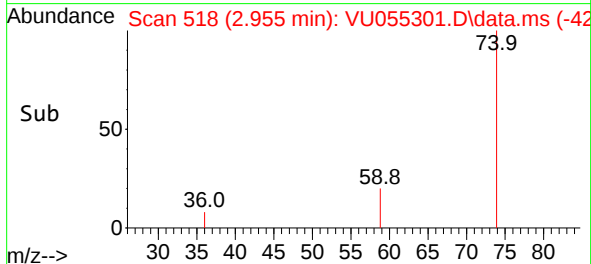
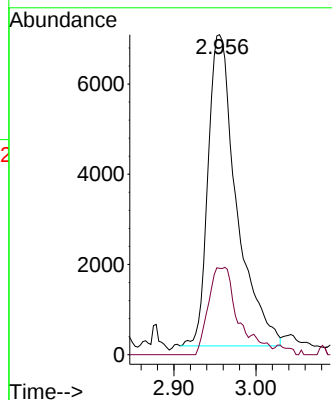
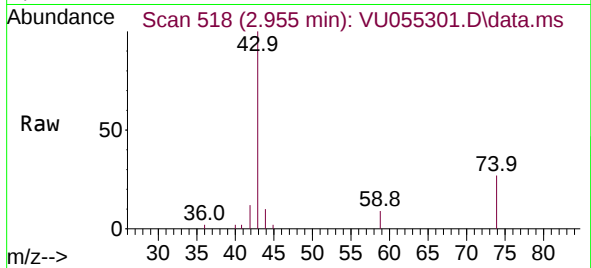




#15
Methyl Acetate
Concen: 4.730 ug/L
RT: 2.955 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

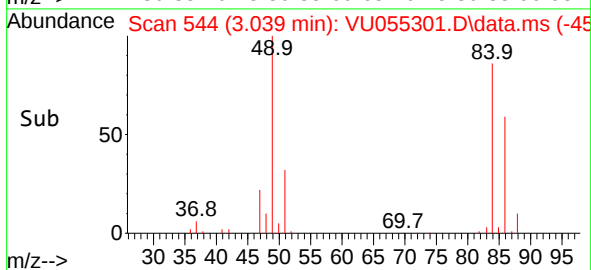
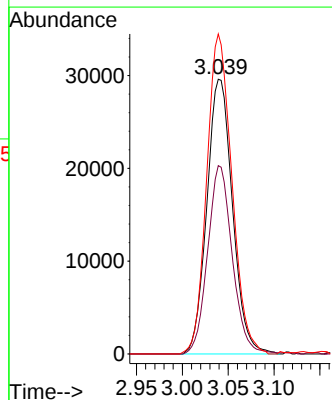
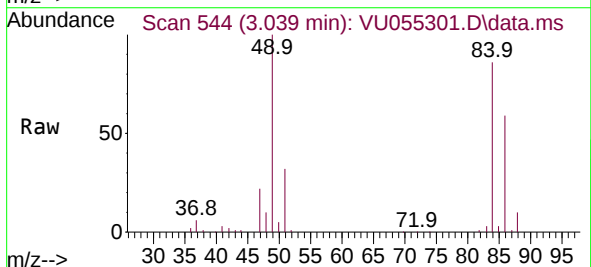
Instrument :
MSVOA_U
ClientSampleId :

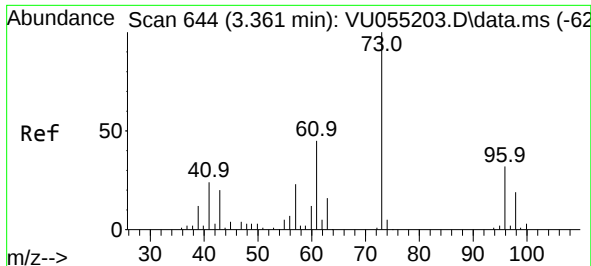
Tgt Ion: 43 Resp: 16665
Ion Ratio Lower Upper
43 100
74 26.2 18.4 27.6



#16
Methylene chloride
Concen: 4.325 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

Tgt Ion: 84 Resp: 57684
Ion Ratio Lower Upper
84 100
86 68.6 43.4 80.6
49 116.5 87.7 162.9

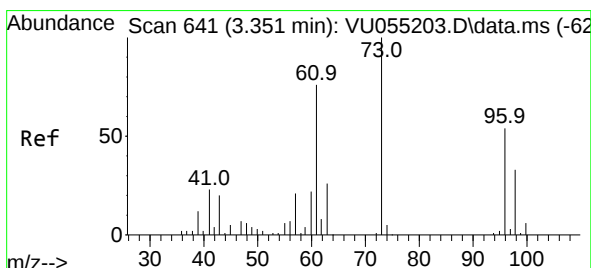
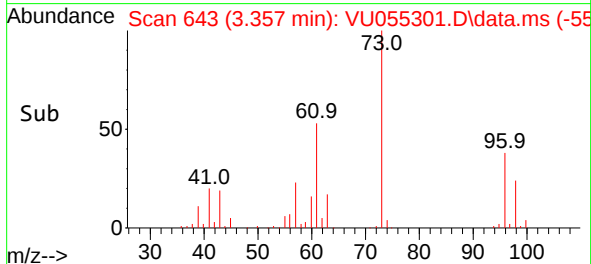
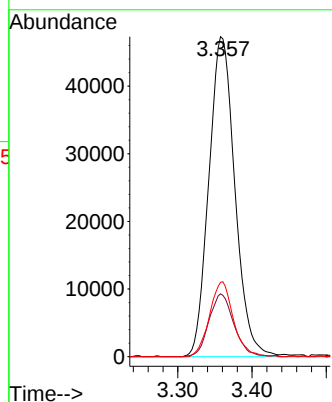
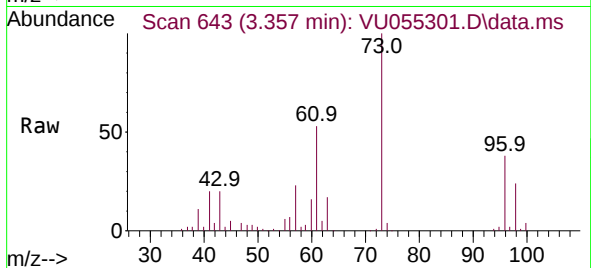




#17
Methyl tert-butyl Ether
Concen: 5.033 ug/L
RT: 3.357 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

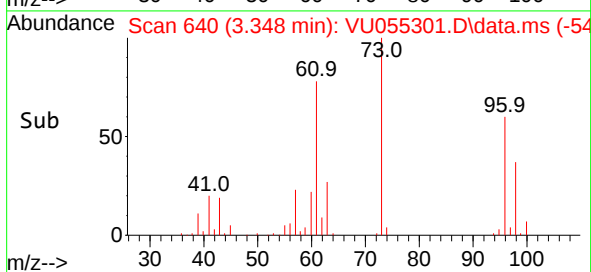
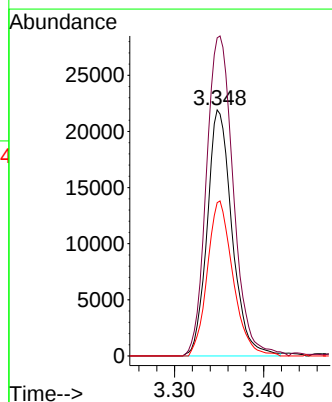
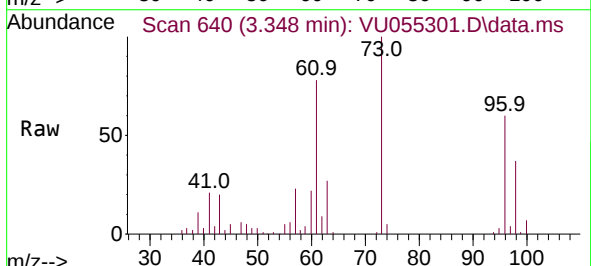
Instrument :
MSVOA_U
ClientSampleId :

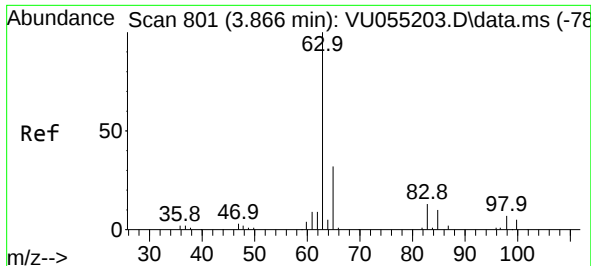
Tgt Ion: 73 Resp: 115232
Ion Ratio Lower Upper
73 100
43 18.8 16.2 24.2
57 21.5 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 4.802 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.007 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

Tgt Ion: 96 Resp: 42531
Ion Ratio Lower Upper
96 100
61 129.2 108.1 200.9
98 62.3 45.4 84.4





#19

1,1-Dichloroethane

Concen: 5.143 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055301.D

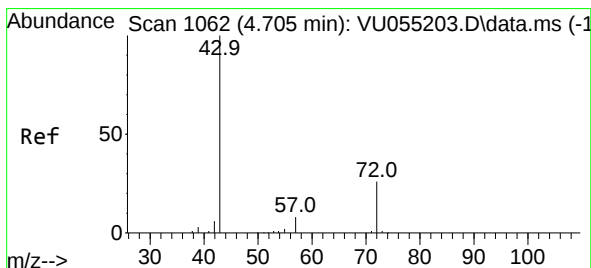
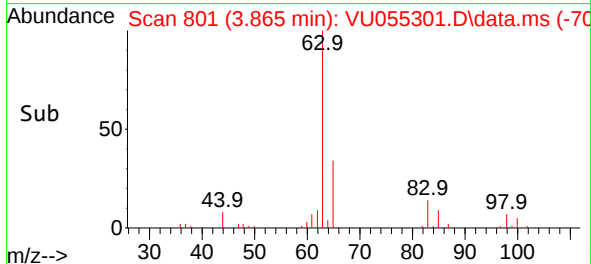
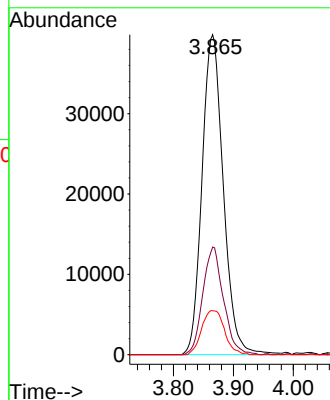
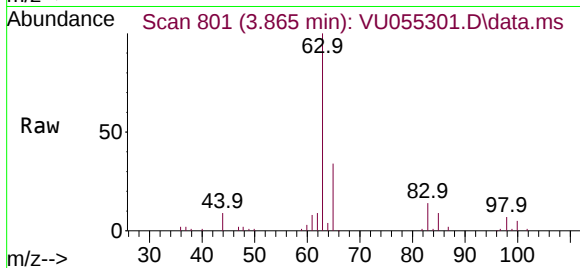
Acq: 14 Sep 2023 10:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	98438
Ion Ratio	Lower	Upper	
63	100		
65	33.7	22.2	41.2
83	13.7	10.6	19.8



#21

2-Butanone

Concen: 47.630 ug/L

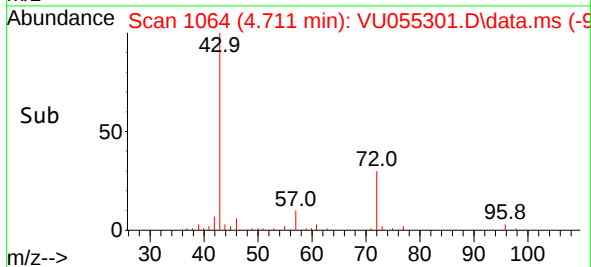
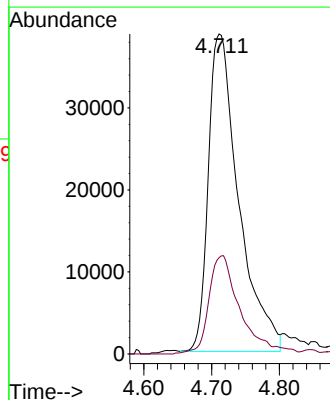
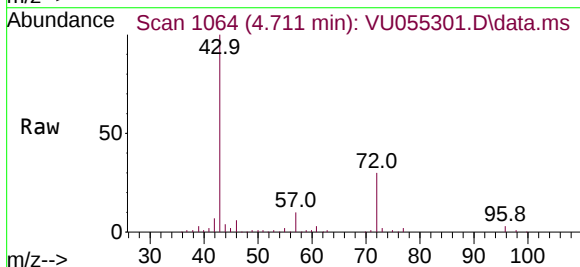
RT: 4.711 min Scan# 1064

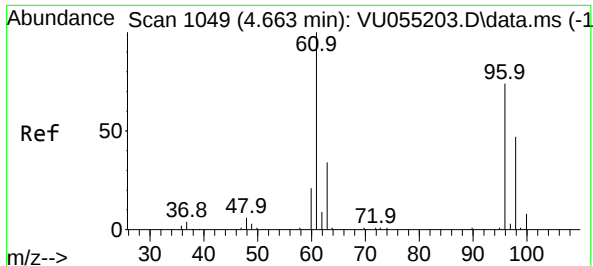
Delta R.T. 0.010 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Tgt Ion:	43	Resp:	120451
Ion Ratio	Lower	Upper	
43	100		
72	32.0	13.5	40.5

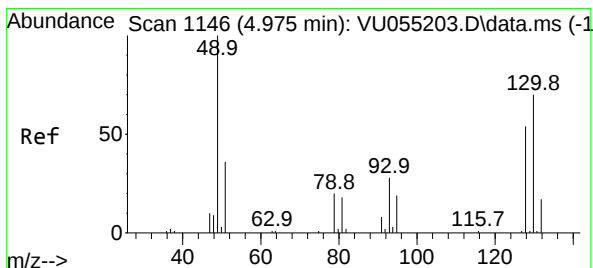
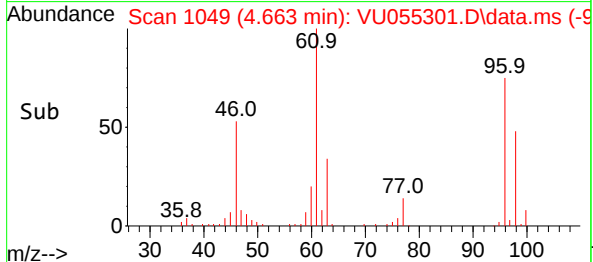
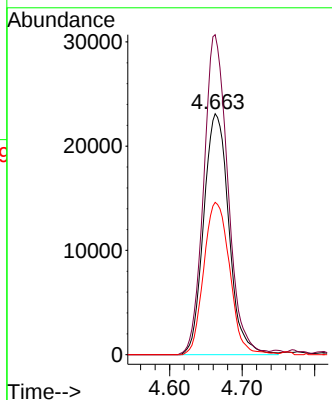
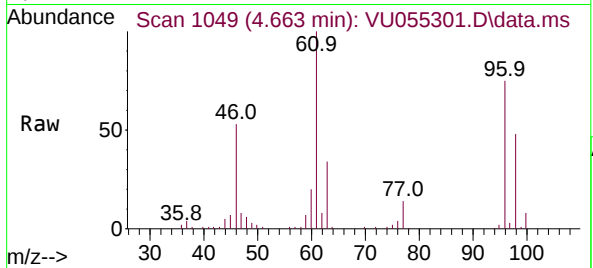




#22
 cis-1,2-Dichloroethene
 Concen: 5.142 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU055301.D
 Acq: 14 Sep 2023 10:56

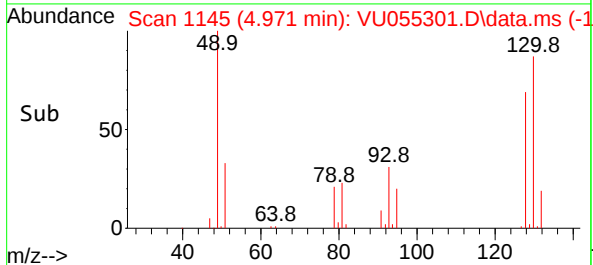
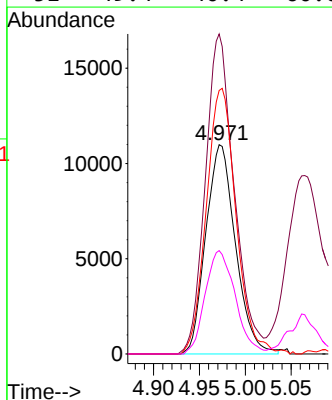
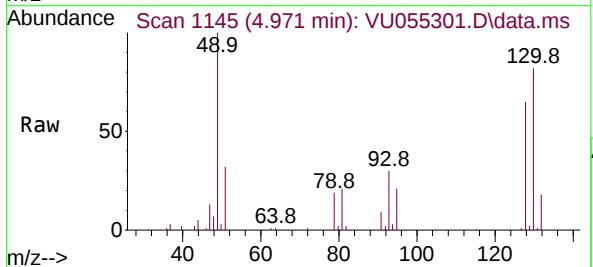
Instrument :
 MSVOA_U
 ClientSampleId :

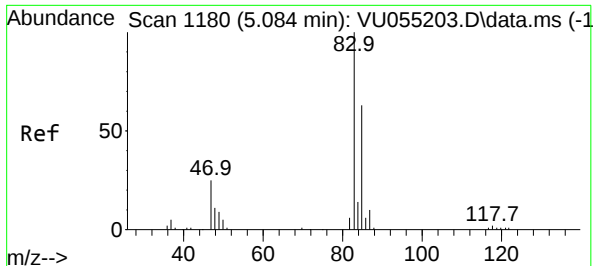
Tgt Ion: 96 Resp: 55746
 Ion Ratio Lower Upper
 96 100
 61 132.8 97.2 180.4
 98 63.2 46.1 85.7



#23
 Bromochloromethane
 Concen: 5.544 ug/L
 RT: 4.971 min Scan# 1145
 Delta R.T. -0.003 min
 Lab File: VU055301.D
 Acq: 14 Sep 2023 10:56

Tgt Ion: 128 Resp: 24721
 Ion Ratio Lower Upper
 128 100
 49 157.8 118.9 220.9
 130 125.9 88.0 163.4
 51 49.4 40.4 60.6





#25

Chloroform

Concen: 5.470 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Instrument :

MSVOA_U

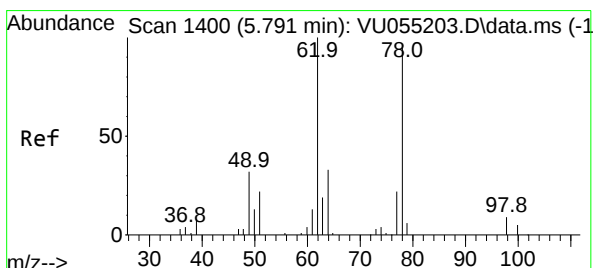
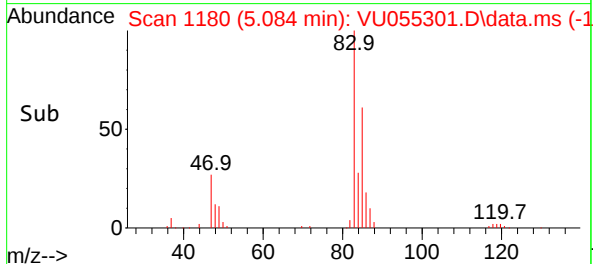
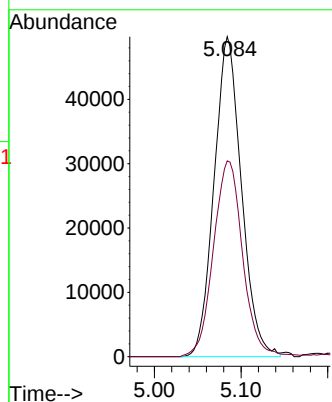
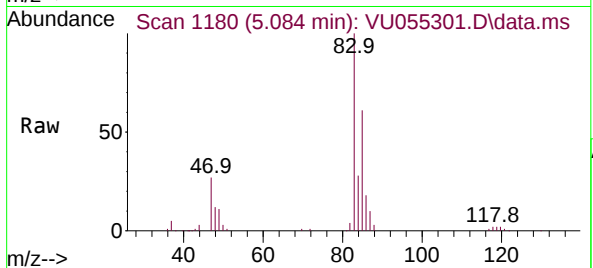
ClientSampleId :

Tgt Ion: 83 Resp: 109047

Ion Ratio Lower Upper

83 100

85 61.2 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.276 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055301.D

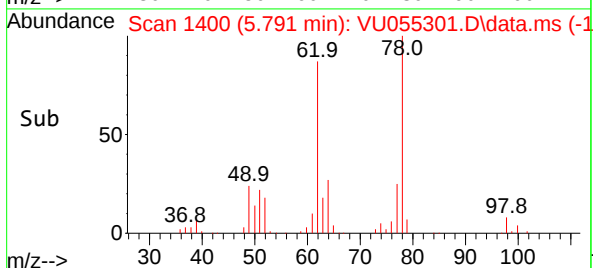
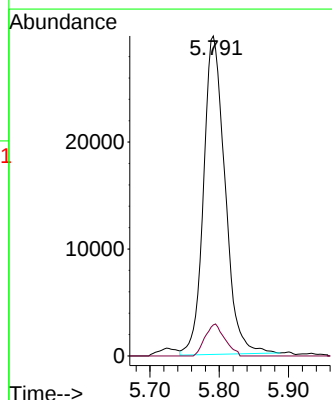
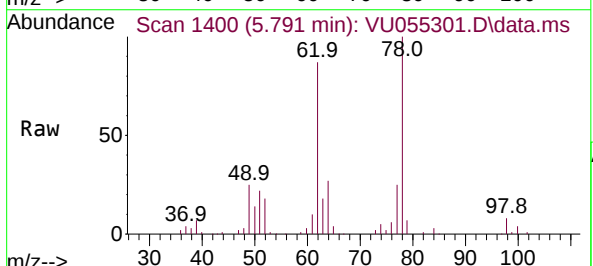
Acq: 14 Sep 2023 10:56

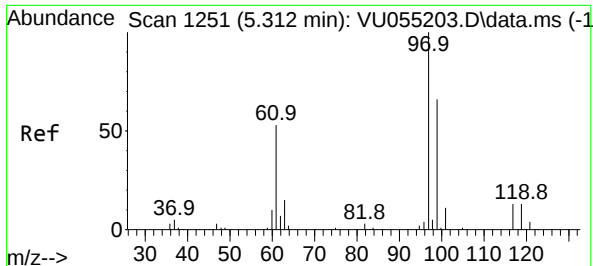
Tgt Ion: 62 Resp: 64190

Ion Ratio Lower Upper

62 100

98 9.7 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.274 ug/L

RT: 5.312 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Instrument :

MSVOA_U

ClientSampleId :

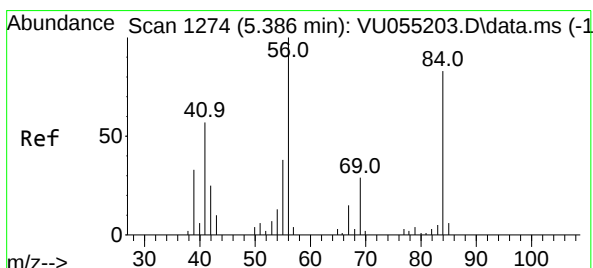
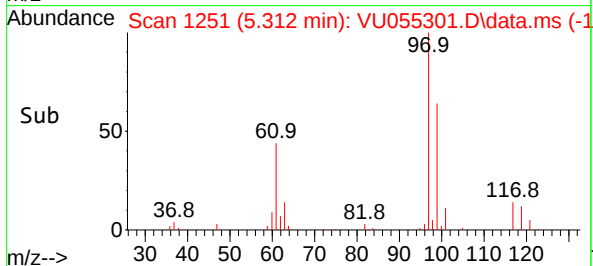
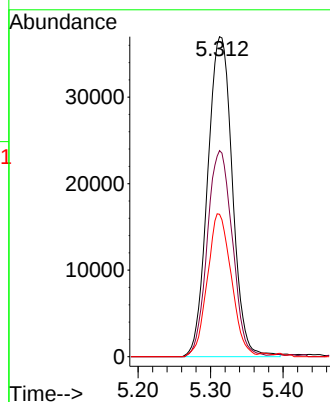
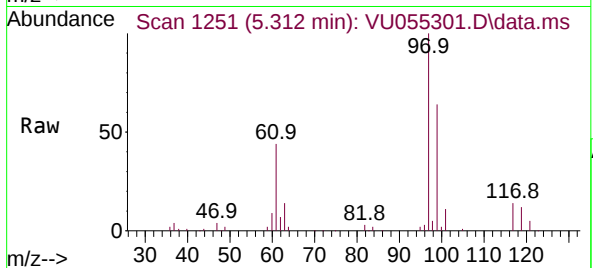
Tgt Ion: 97 Resp: 87754

Ion Ratio Lower Upper

97 100

99 65.3 51.8 77.8

61 43.3 36.8 55.2



#30

Cyclohexane

Concen: 4.201 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

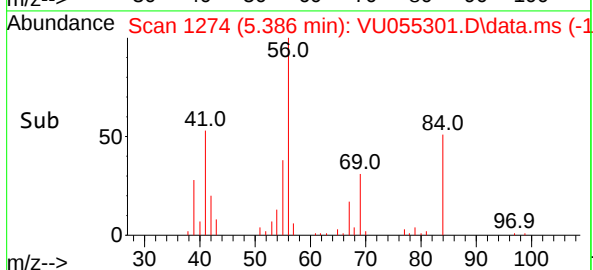
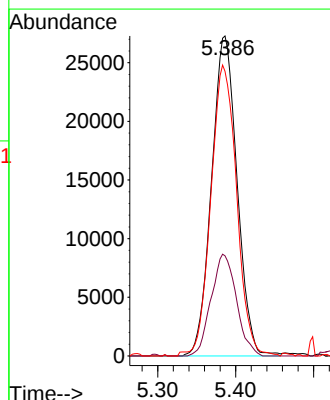
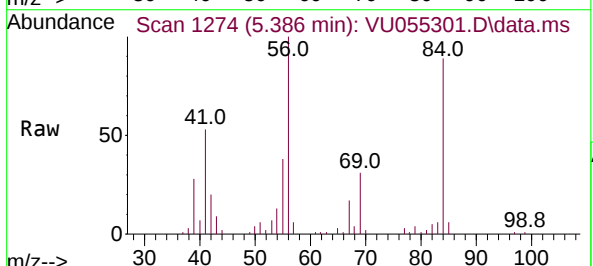
Tgt Ion: 56 Resp: 62157

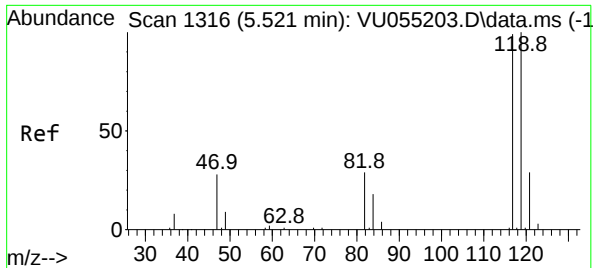
Ion Ratio Lower Upper

56 100

69 31.5 24.6 37.0

84 91.7 68.8 103.2

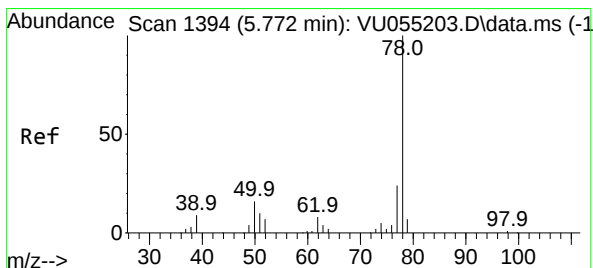
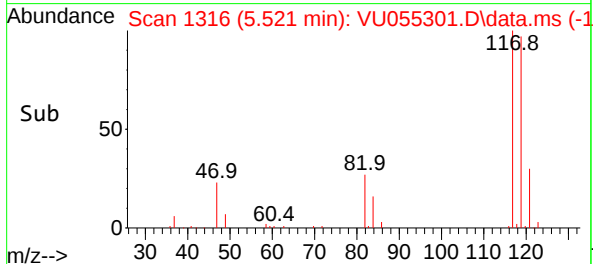
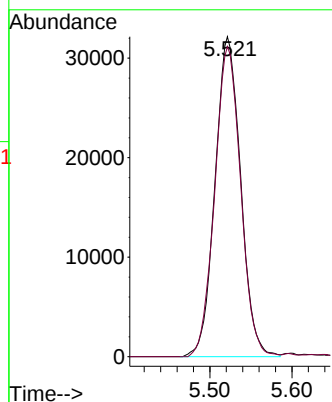
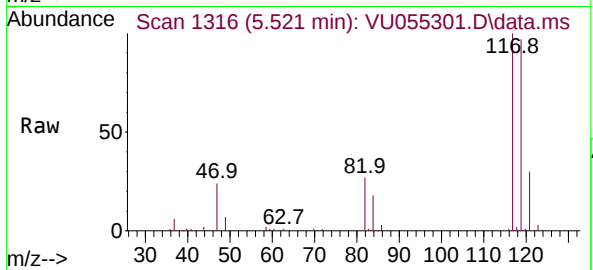




#31
Carbon tetrachloride
Concen: 5.047 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

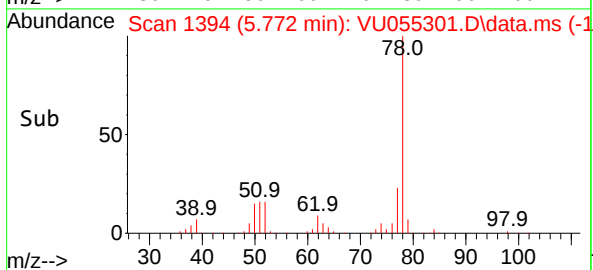
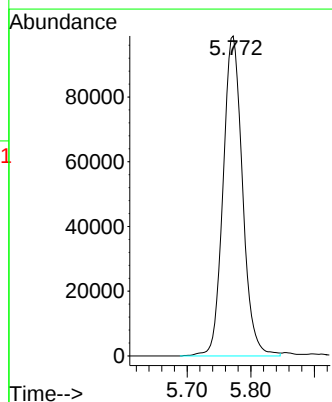
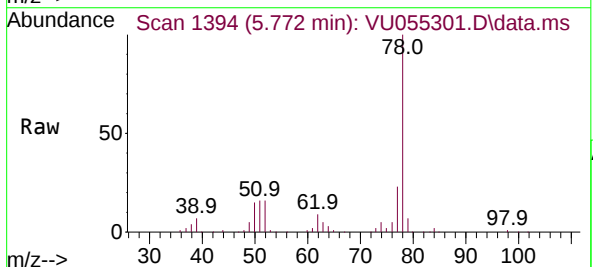
Instrument :
MSVOA_U
ClientSampleId :

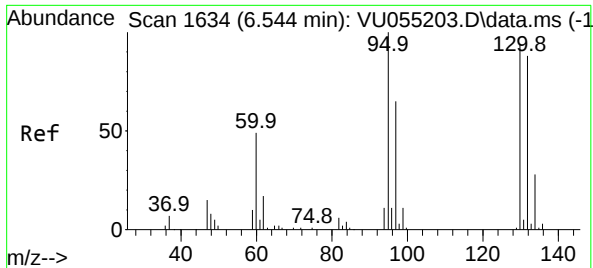
Tgt Ion:117 Resp: 69832
Ion Ratio Lower Upper
117 100
119 97.8 75.4 113.0



#33
Benzene
Concen: 5.130 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

Tgt Ion: 78 Resp: 210000

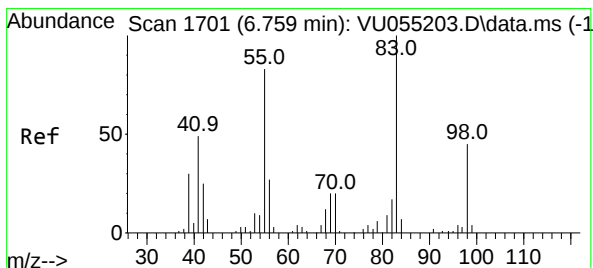
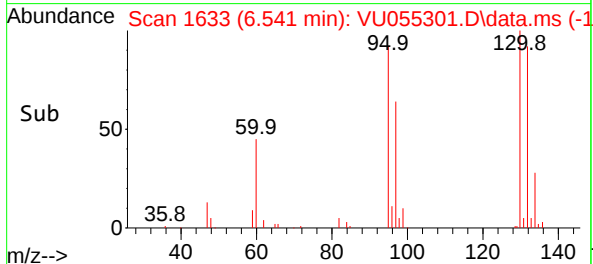
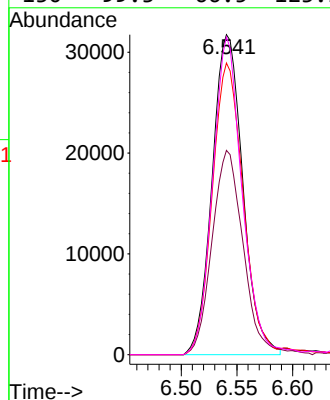
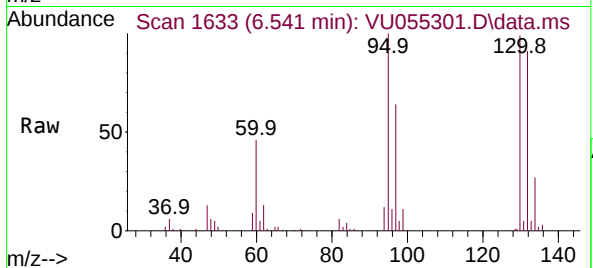




#34
Trichloroethene
Concen: 5.334 ug/L
RT: 6.541 min Scan# 1634
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

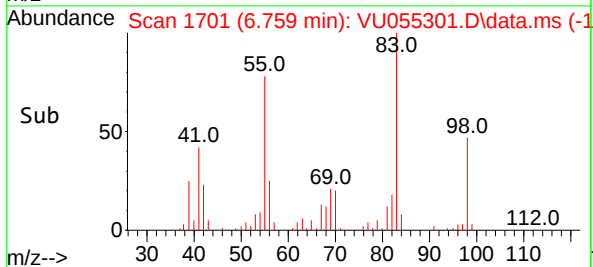
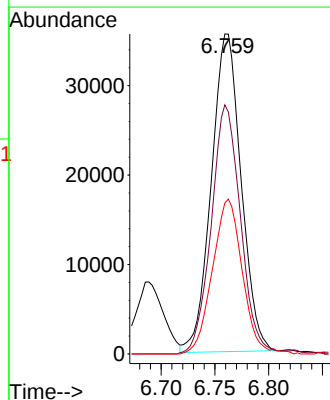
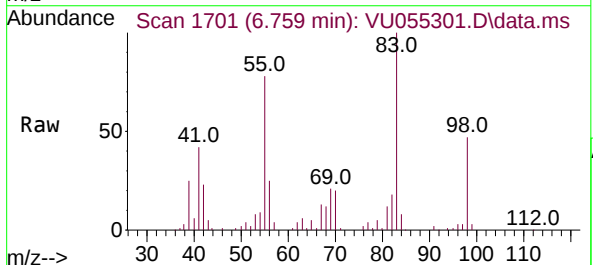
Instrument :
MSVOA_U
ClientSampled :

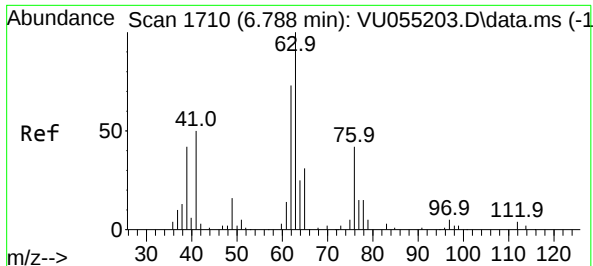
Tgt Ion: 95 Resp: 60682
Ion Ratio Lower Upper
95 100
97 63.9 44.7 83.1
132 91.1 66.6 123.6
130 99.3 66.5 123.5



#35
Methylcyclohexane
Concen: 4.284 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

Tgt Ion: 83 Resp: 68385
Ion Ratio Lower Upper
83 100
55 77.1 60.4 90.6
98 49.0 35.3 52.9

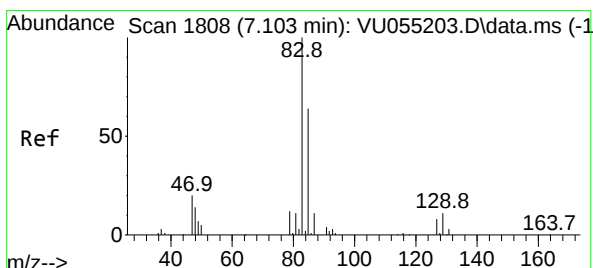
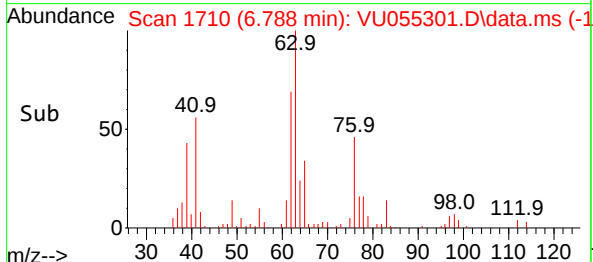
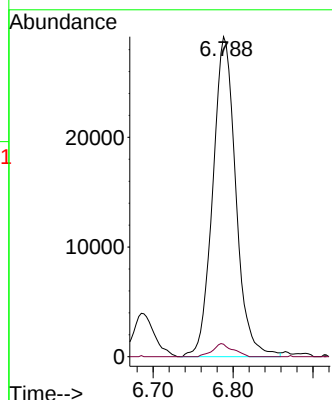
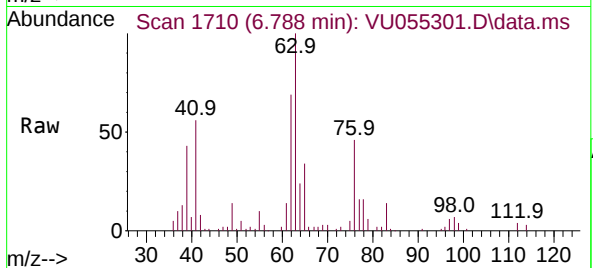




#37
1,2-Dichloropropane
Concen: 5.236 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

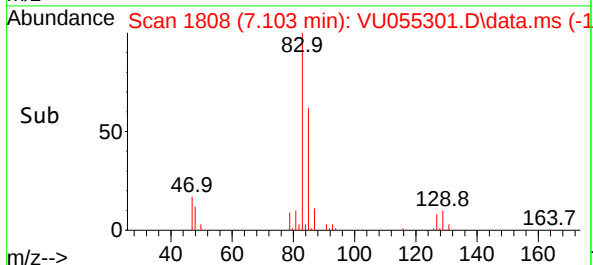
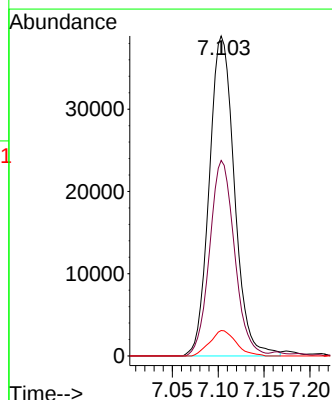
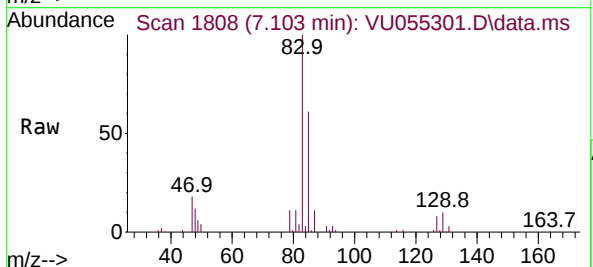
Instrument :
MSVOA_U
ClientSampleId :

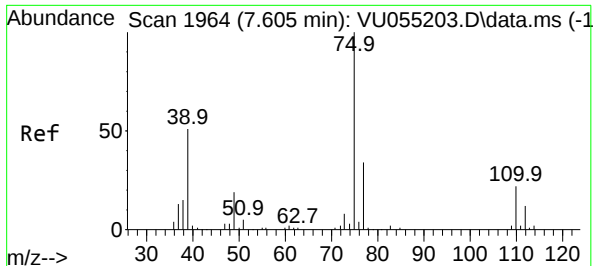
Tgt Ion: 63 Resp: 58353
Ion Ratio Lower Upper
63 100
112 3.6 3.2 4.8



#38
Bromodichloromethane
Concen: 5.578 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

Tgt Ion: 83 Resp: 74222
Ion Ratio Lower Upper
83 100
85 61.1 44.9 83.5
127 8.0 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 4.991 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Instrument :

MSVOA_U

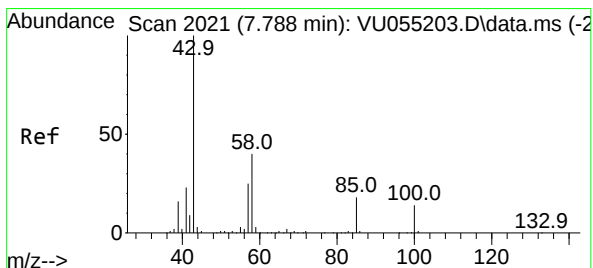
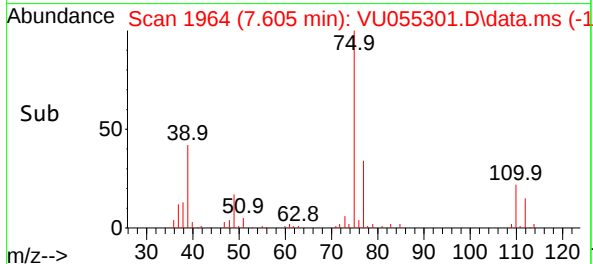
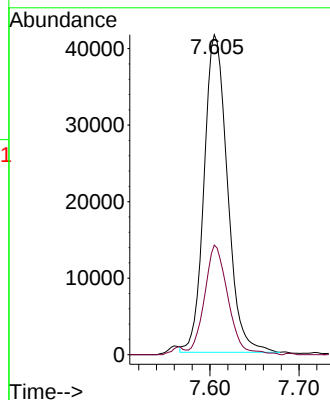
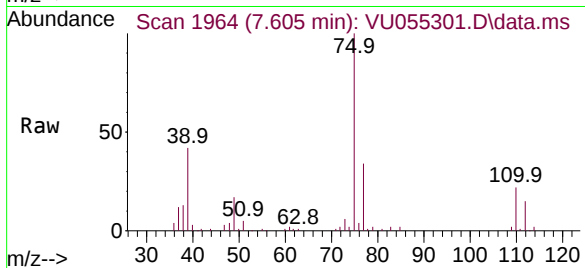
ClientSampleId :

Tgt Ion: 75 Resp: 75662

Ion Ratio Lower Upper

75 100

77 34.3 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 47.112 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

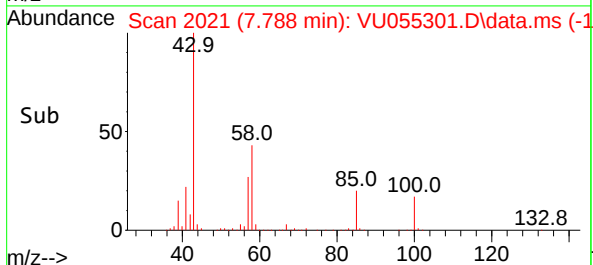
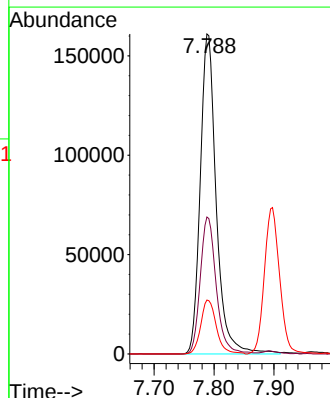
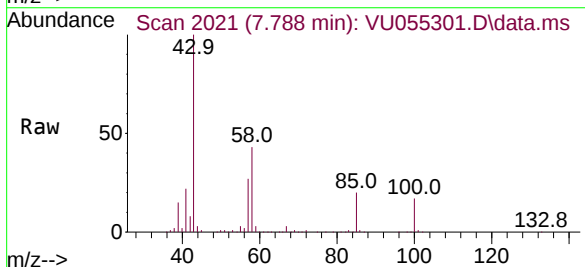
Tgt Ion: 43 Resp: 299521

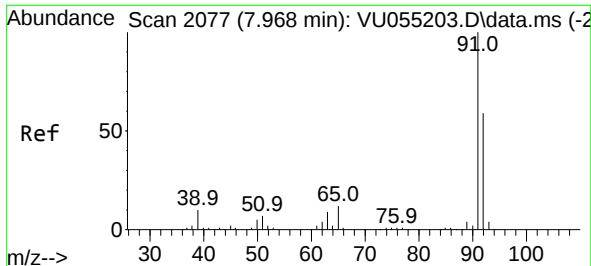
Ion Ratio Lower Upper

43 100

58 42.7 31.5 47.3

100 16.4 11.8 17.8





#42

Toluene

Concen: 5.244 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. -0.000 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Instrument :

MSVOA_U

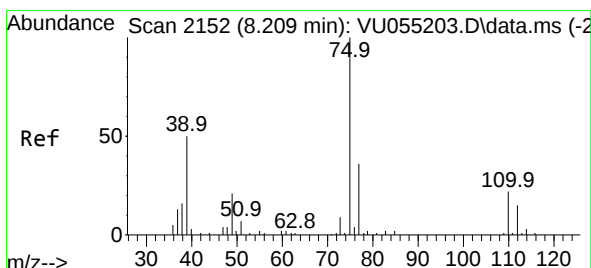
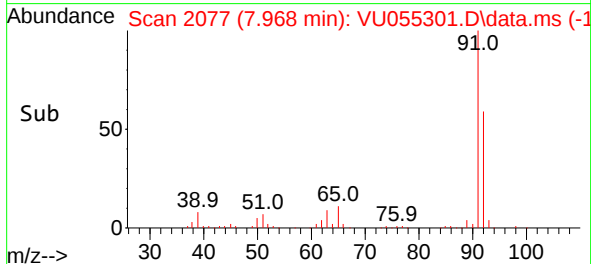
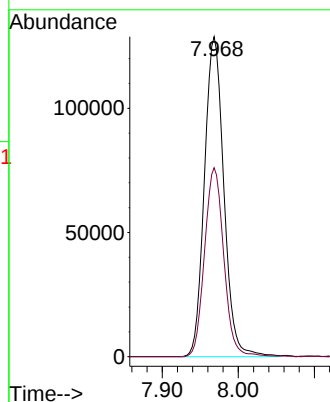
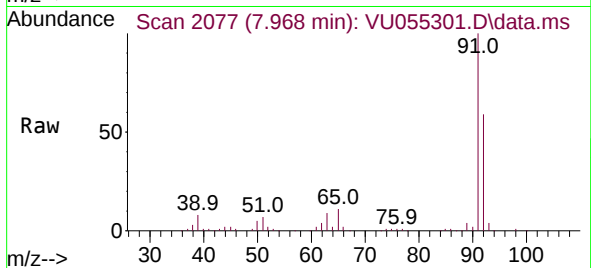
ClientSampleId :

Tgt Ion: 91 Resp: 228848

Ion Ratio Lower Upper

91 100

92 59.0 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 5.211 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU055301.D

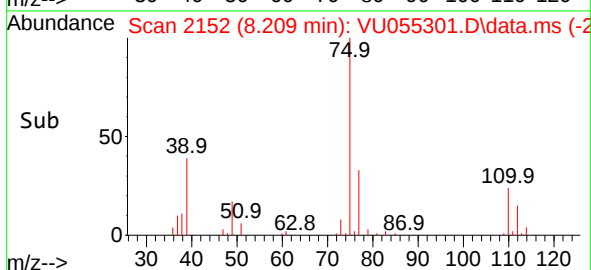
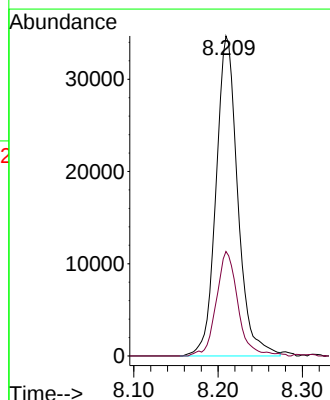
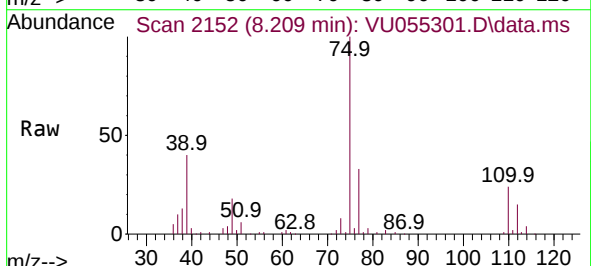
Acq: 14 Sep 2023 10:56

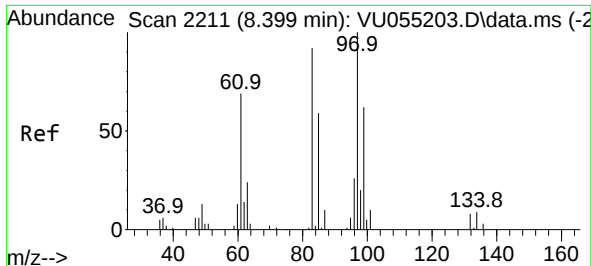
Tgt Ion: 75 Resp: 62005

Ion Ratio Lower Upper

75 100

77 32.6 20.5 38.1





#45

1,1,2-Trichloroethane

Concen: 5.866 ug/L

RT: 8.399 min Scan# 2211

Delta R.T. 0.003 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 44035

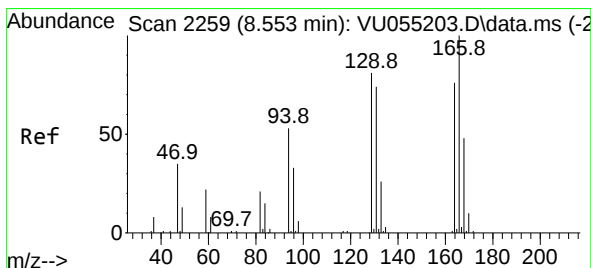
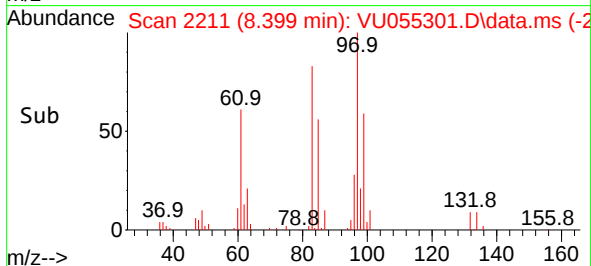
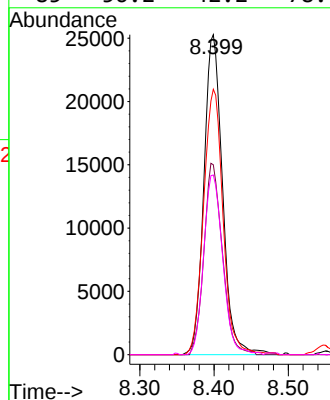
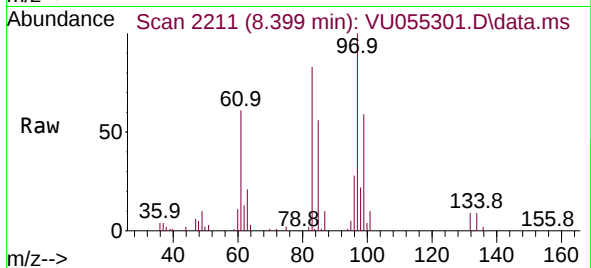
Ion Ratio Lower Upper

97 100

99 59.3 44.9 83.5

83 82.9 66.9 124.3

85 56.2 42.2 78.4



#47

Tetrachloroethene

Concen: 5.177 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. -0.000 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Tgt Ion:164 Resp: 40709

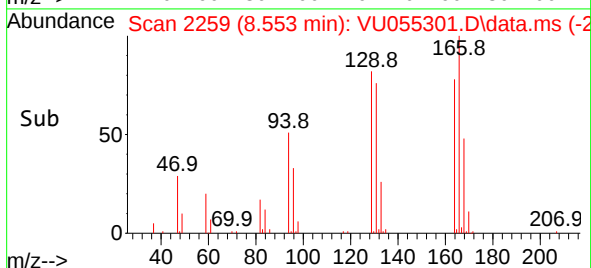
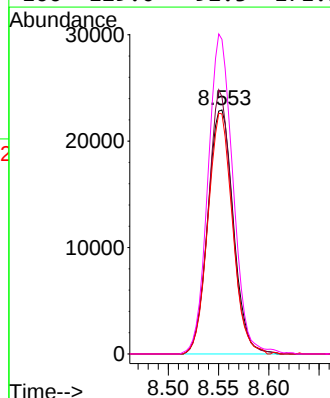
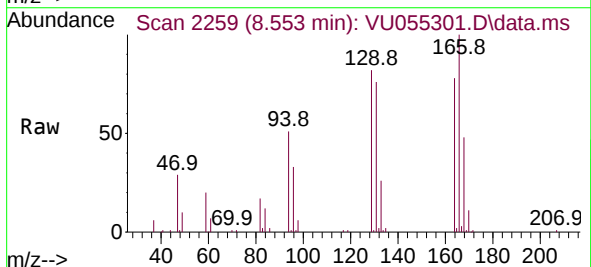
Ion Ratio Lower Upper

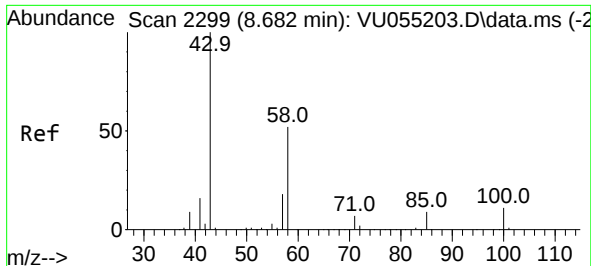
164 100

129 105.4 69.2 128.6

131 98.4 68.8 127.8

166 129.0 92.3 171.5



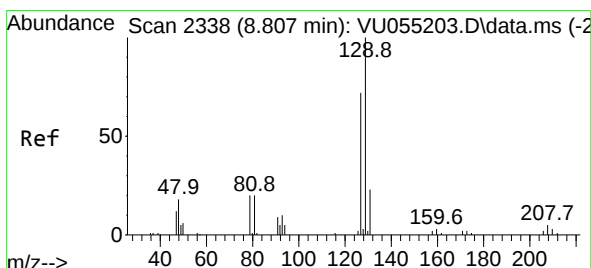
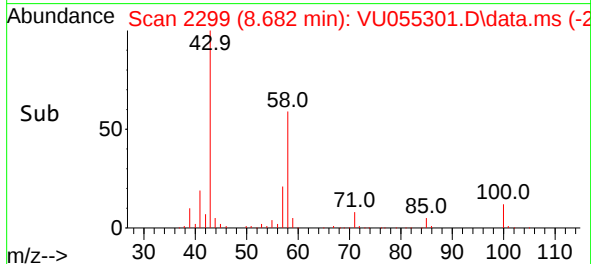
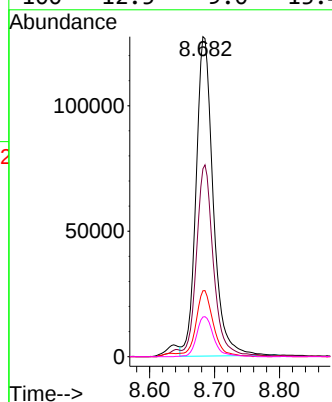
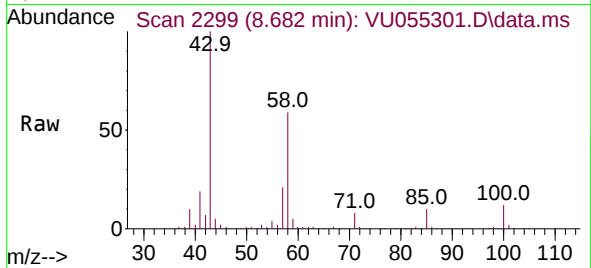


#48
2-Hexanone
Concen: 47.062 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 234360

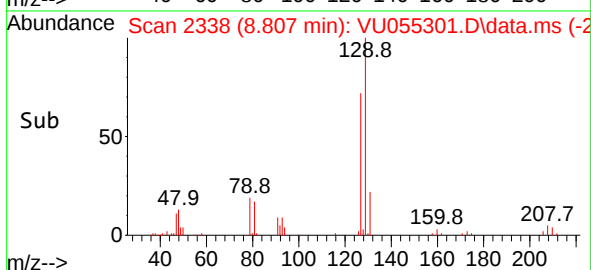
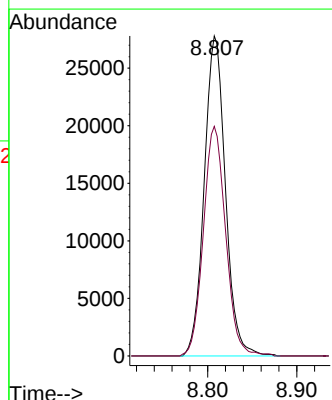
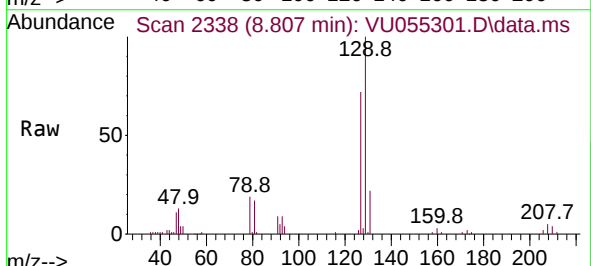
Ion	Ratio	Lower	Upper
43	100		
58	58.8	44.0	66.0
57	21.1	16.2	24.2
100	12.5	9.0	13.4

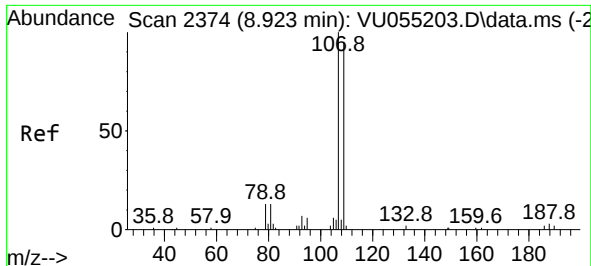


#49
Dibromochloromethane
Concen: 5.602 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

Tgt Ion: 129 Resp: 45909

Ion	Ratio	Lower	Upper
129	100		
127	71.8	55.9	103.7





#50

1,2-Dibromoethane

Concen: 5.813 ug/L

RT: 8.923 min Scan# 21

Delta R.T. -0.000 min

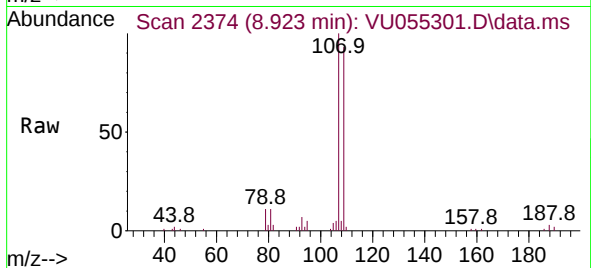
Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Instrument :

MSVOA_U

ClientSampleId :



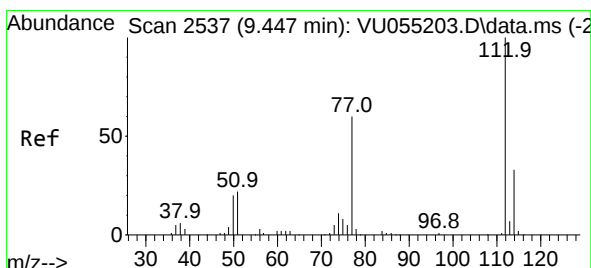
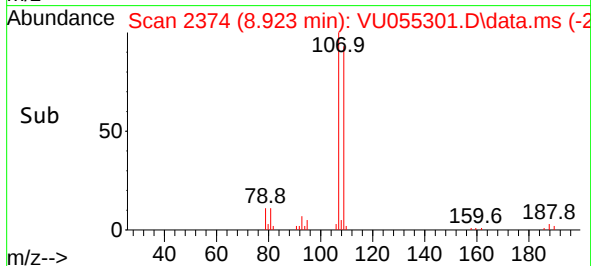
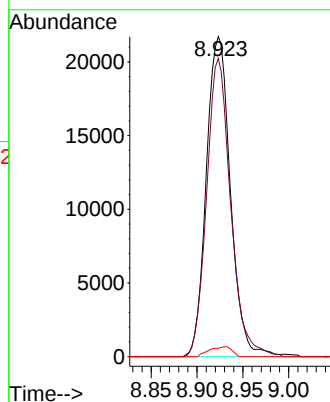
Tgt Ion:107 Resp: 39739

Ion Ratio Lower Upper

107 100

109 93.2 71.4 132.6

188 2.7 3.1 4.7#



#51

Chlorobenzene

Concen: 5.286 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

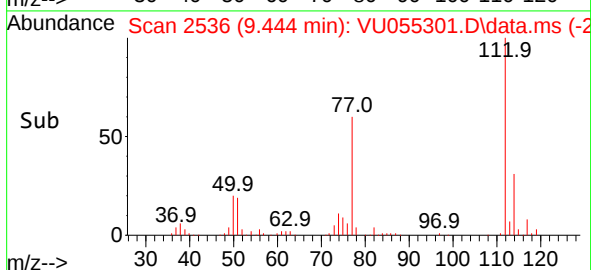
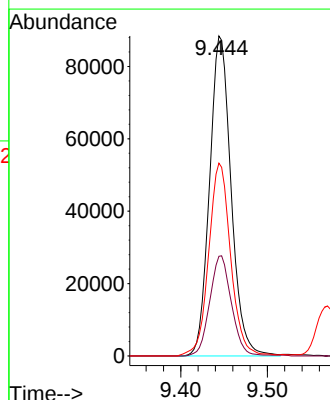
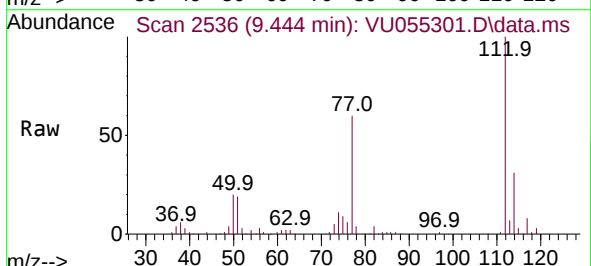
Tgt Ion:112 Resp: 152782

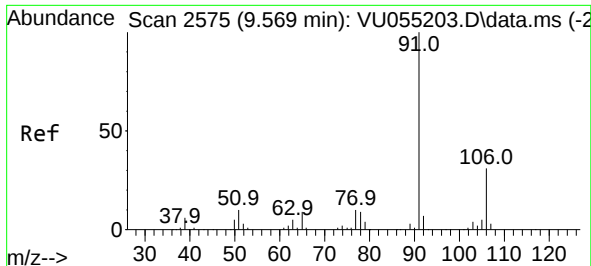
Ion Ratio Lower Upper

112 100

114 31.1 21.7 40.3

77 60.3 48.6 72.8

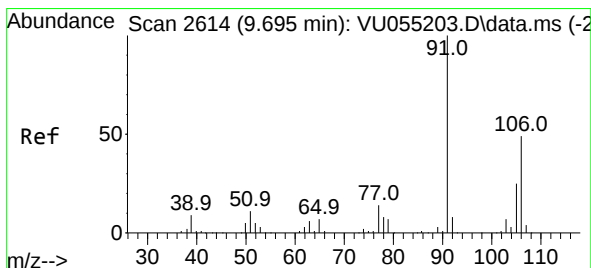
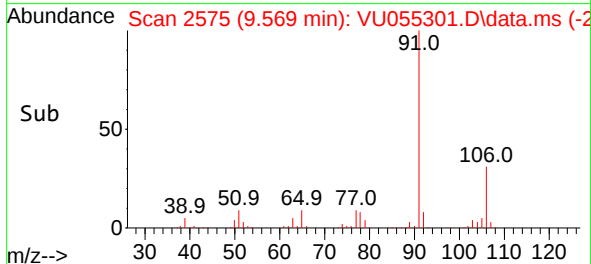
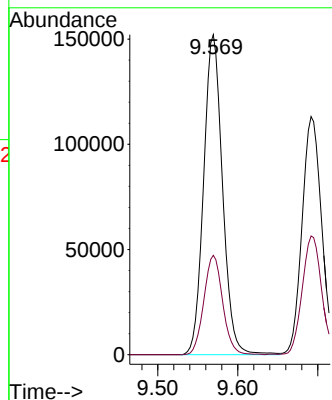
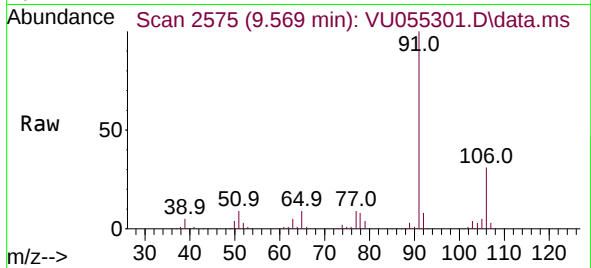




#52
Ethylbenzene
Concen: 5.125 ug/L
RT: 9.569 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

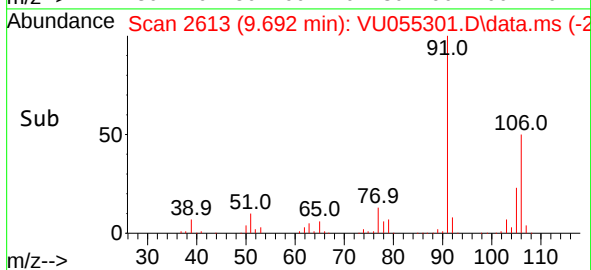
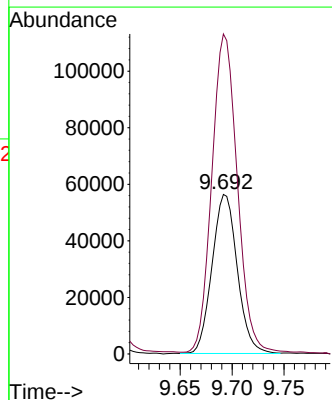
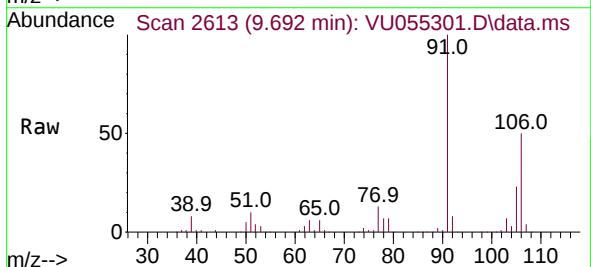
Instrument :
MSVOA_U
ClientSampleId :

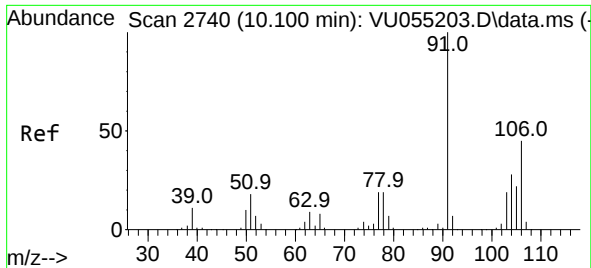
Tgt Ion: 91 Resp: 250219
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9



#53
m,p-Xylene
Concen: 5.255 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

Tgt Ion:106 Resp: 94933
Ion Ratio Lower Upper
106 100
91 200.6 148.3 275.5

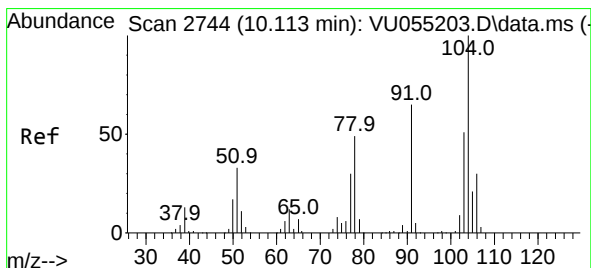
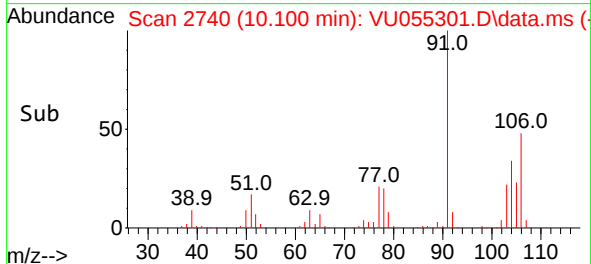
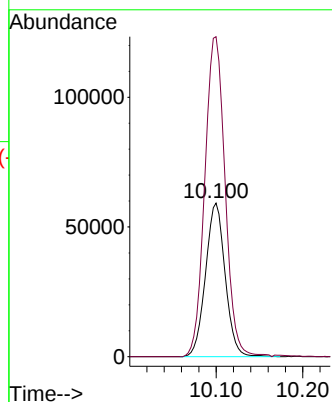
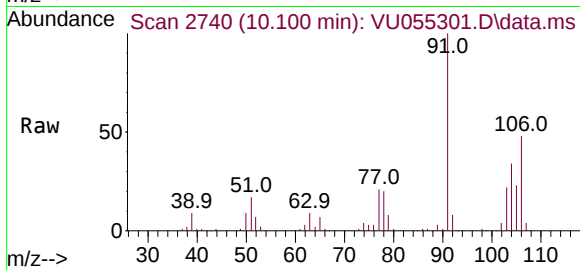




#54
o-Xylene
Concen: 5.244 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

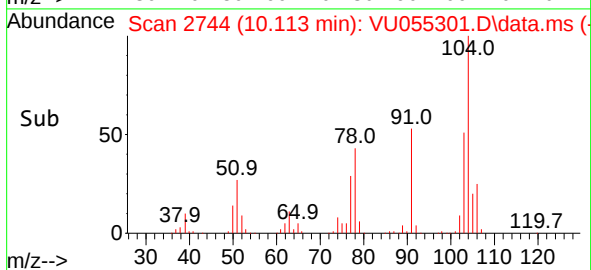
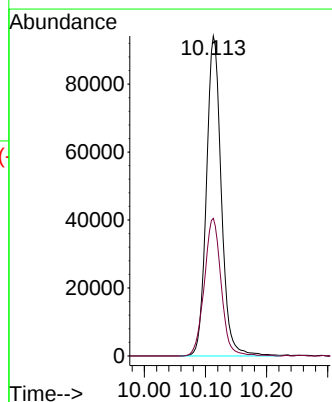
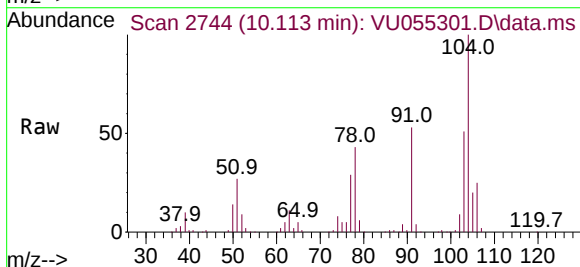
Instrument :
MSVOA_U
ClientSampleId :

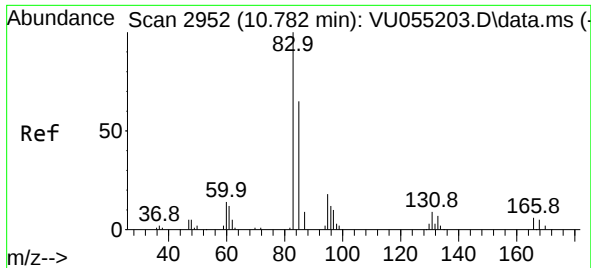
Tgt Ion:106 Resp: 93231
Ion Ratio Lower Upper
106 100
91 208.3 152.9 284.1



#55
Styrene
Concen: 5.434 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

Tgt Ion:104 Resp: 159546
Ion Ratio Lower Upper
104 100
78 43.0 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.843 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Instrument :

MSVOA_U

ClientSampleId :

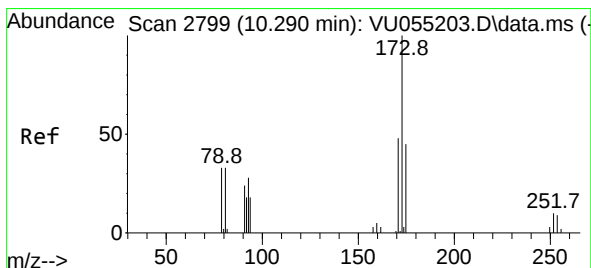
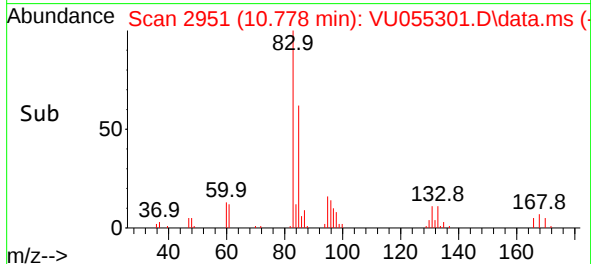
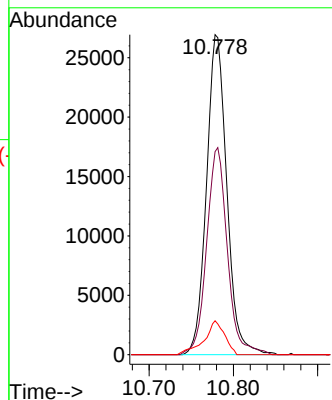
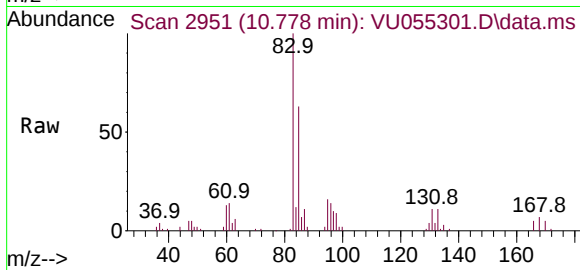
Tgt Ion: 83 Resp: 45288

Ion Ratio Lower Upper

83 100

85 63.5 42.4 78.6

131 10.6 7.6 11.4



#59

Bromoform

Concen: 5.532 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. -0.000 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

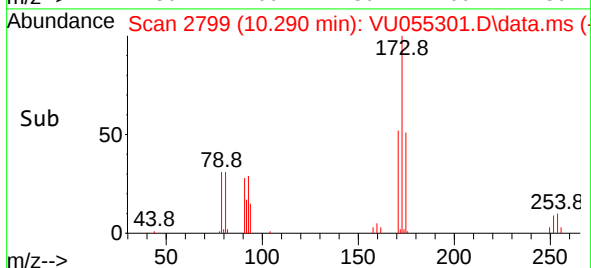
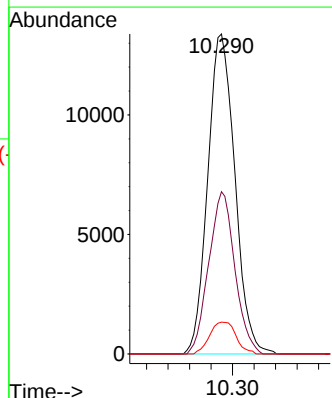
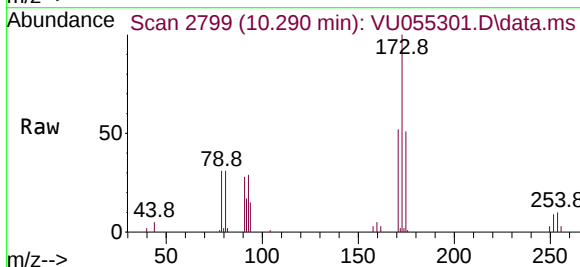
Tgt Ion:173 Resp: 23431

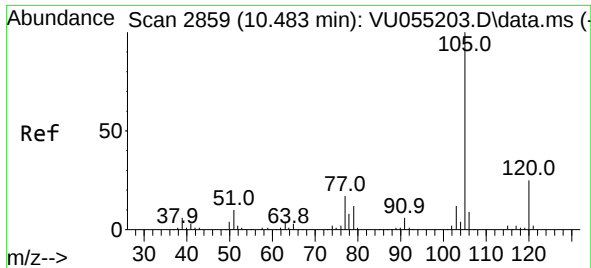
Ion Ratio Lower Upper

173 100

175 48.8 40.9 61.3

254 9.7 7.0 10.4

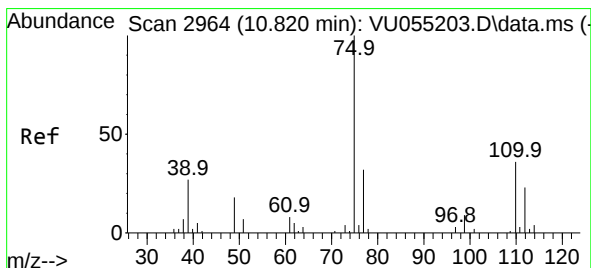
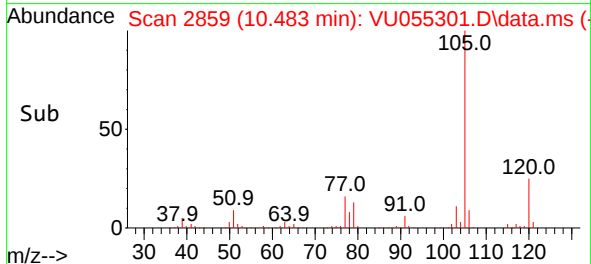
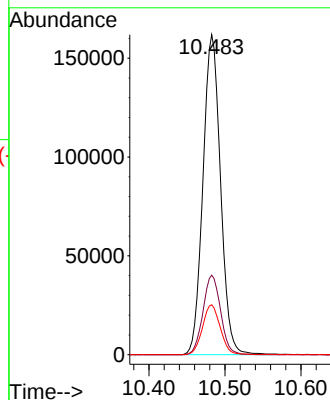
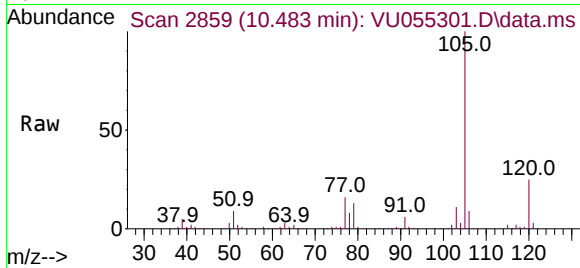




#60
Isopropylbenzene
Concen: 5.266 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

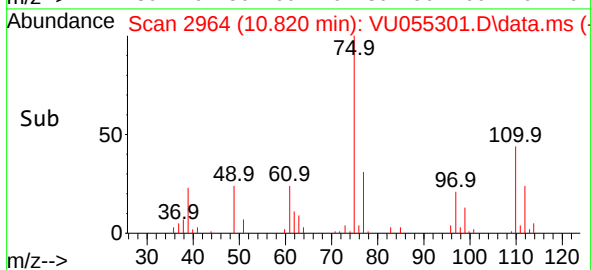
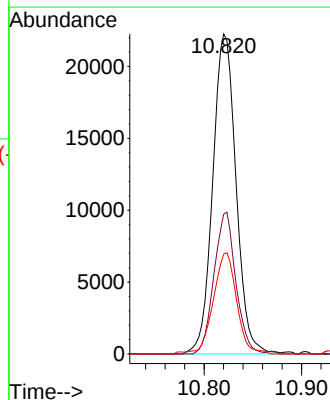
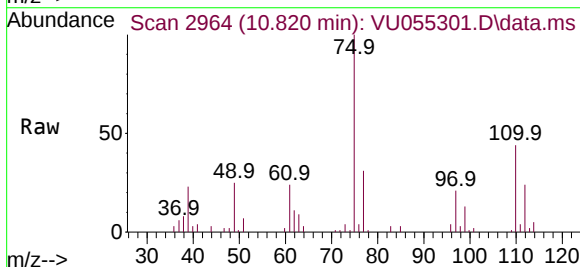
Instrument :
MSVOA_U
ClientSampleId :

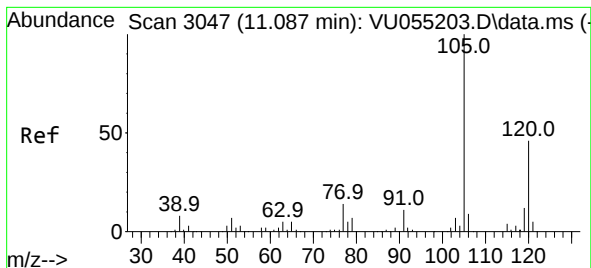
Tgt Ion:105 Resp: 260301
Ion Ratio Lower Upper
105 100
120 24.9 20.1 30.1
77 15.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.261 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

Tgt Ion: 75 Resp: 37015
Ion Ratio Lower Upper
75 100
110 41.4 28.2 42.2
77 31.7 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 5.038 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Instrument :

MSVOA_U

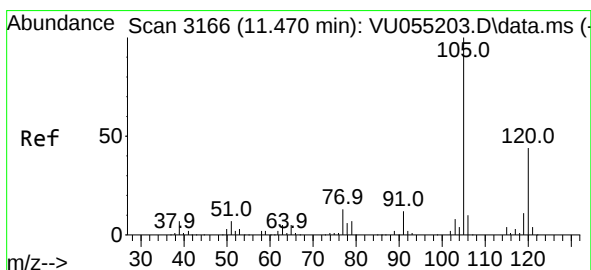
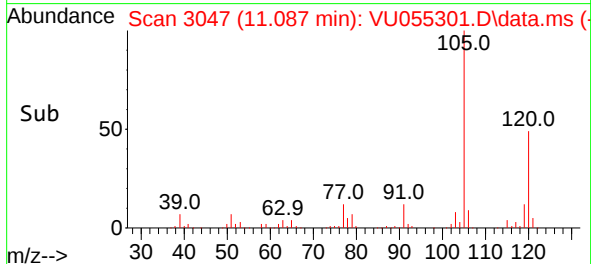
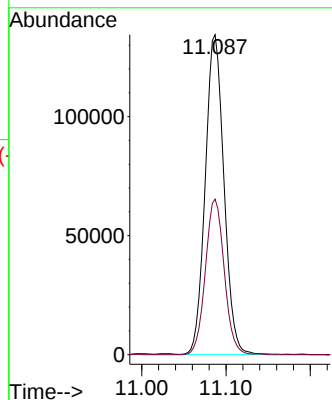
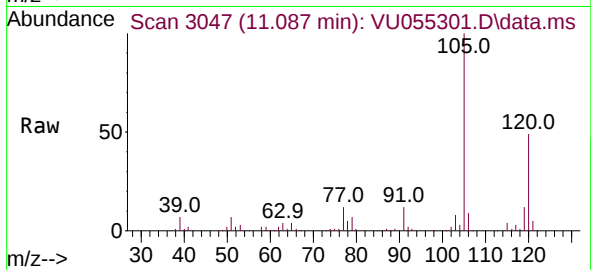
ClientSampleId :

Tgt Ion:105 Resp: 207202

Ion Ratio Lower Upper

105 100

120 49.0 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 4.939 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VU055301.D

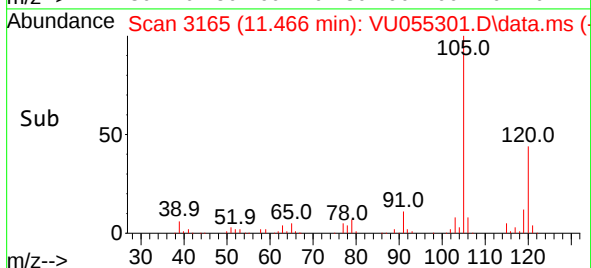
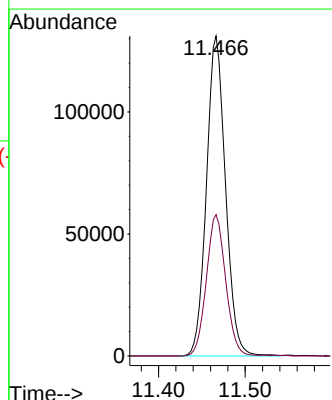
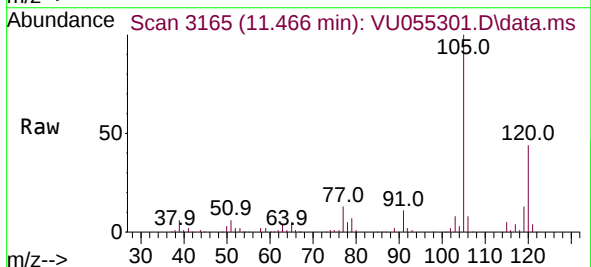
Acq: 14 Sep 2023 10:56

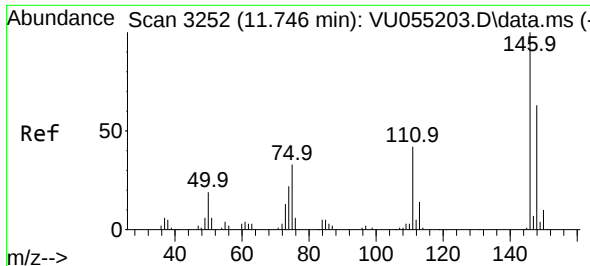
Tgt Ion:105 Resp: 200162

Ion Ratio Lower Upper

105 100

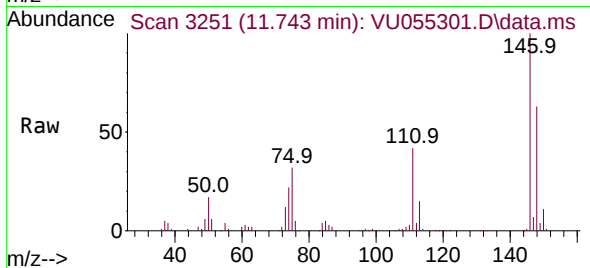
120 44.8 35.4 53.0



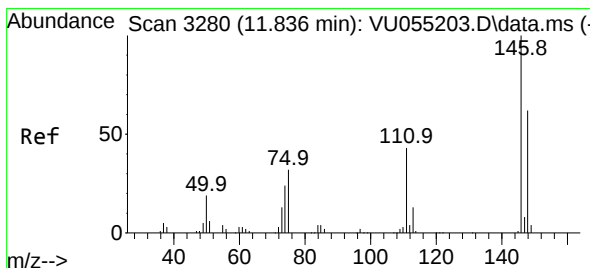
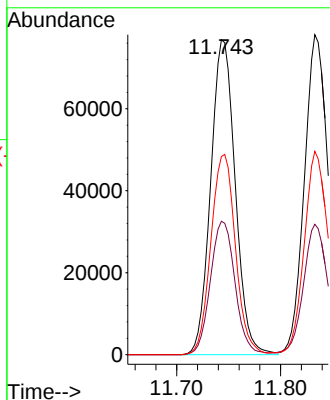
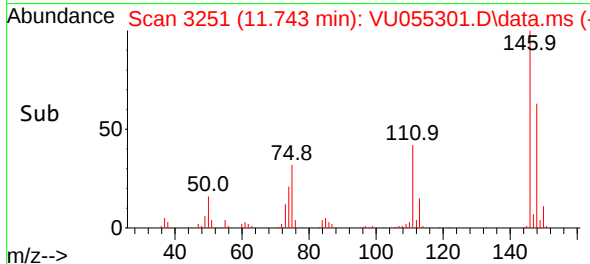


#64
1,3-Dichlorobenzene
Concen: 5.313 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56

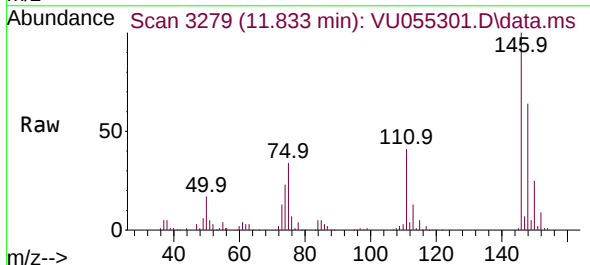
Instrument :
MSVOA_U
ClientSampleId :



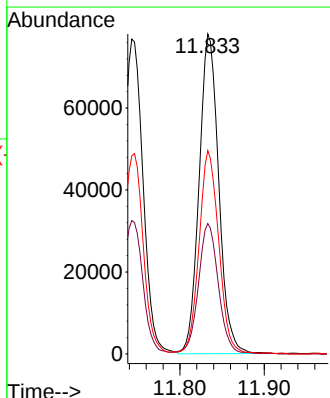
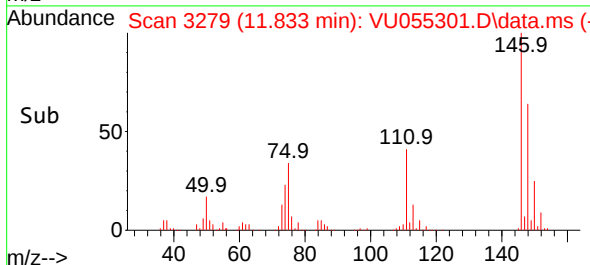
Tgt Ion:146 Resp: 126083
Ion Ratio Lower Upper
146 100
111 42.4 30.0 55.6
148 62.9 45.2 84.0

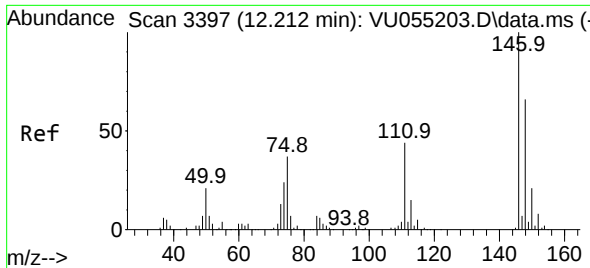


#65
1,4-Dichlorobenzene
Concen: 5.343 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055301.D
Acq: 14 Sep 2023 10:56



Tgt Ion:146 Resp: 126374
Ion Ratio Lower Upper
146 100
111 40.7 28.1 52.1
148 63.6 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 5.301 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Instrument :

MSVOA_U

ClientSampleId :

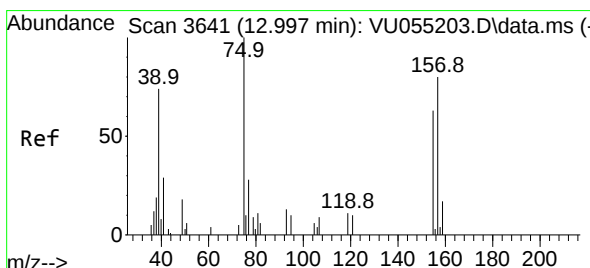
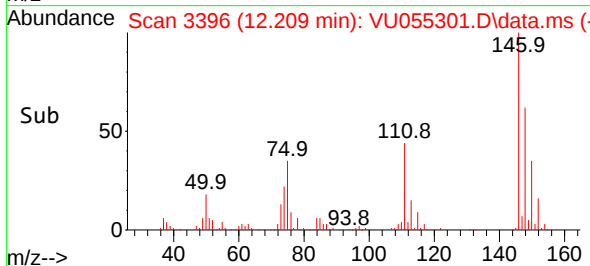
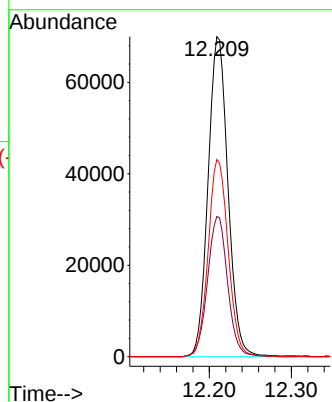
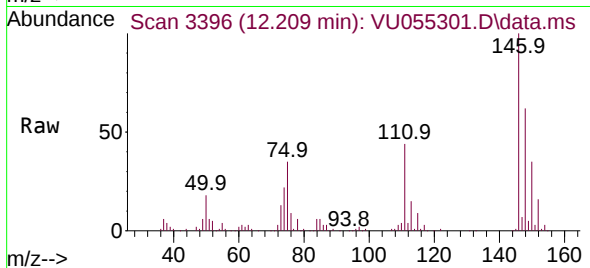
Tgt Ion:146 Resp: 117955

Ion Ratio Lower Upper

146 100

111 43.8 35.6 53.4

148 61.6 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.415 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

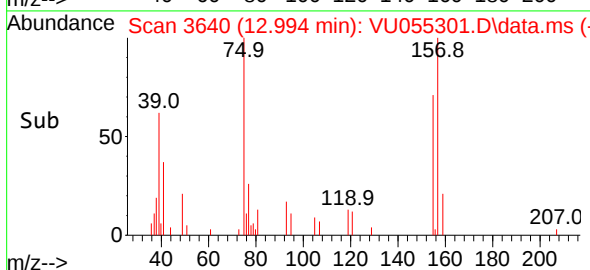
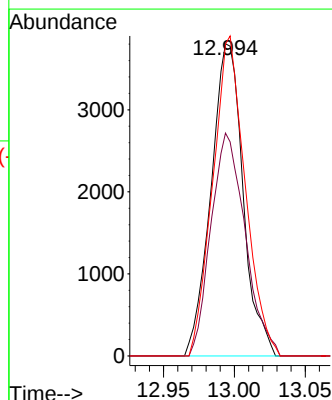
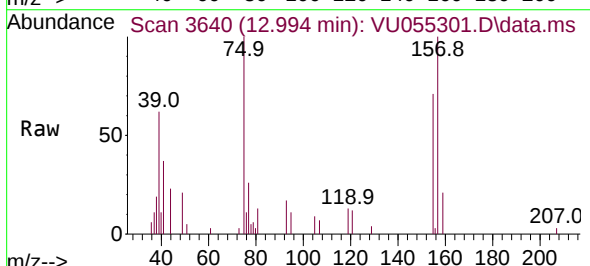
Tgt Ion: 75 Resp: 5983

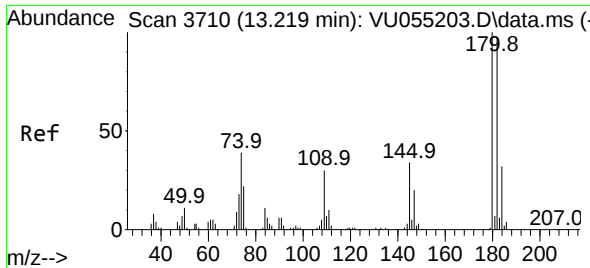
Ion Ratio Lower Upper

75 100

155 71.4 61.1 91.7

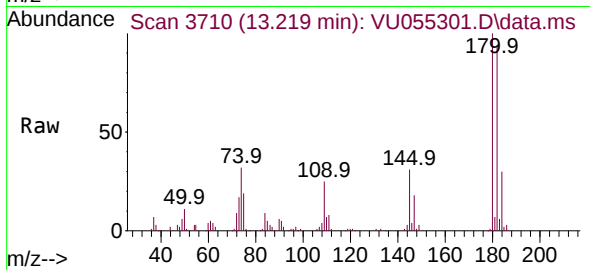
157 99.9 66.8 100.2



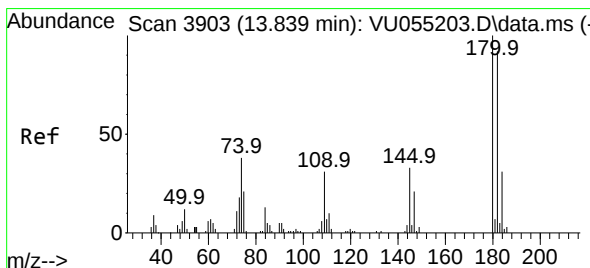
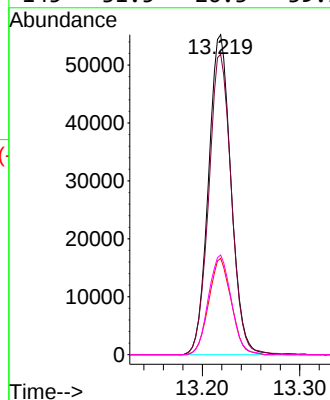
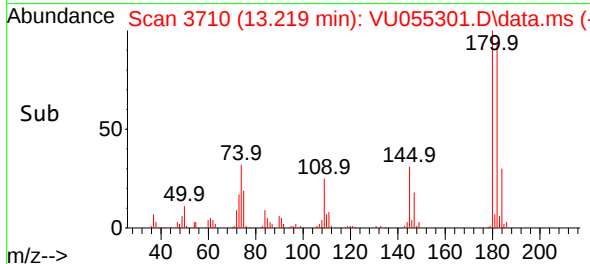


#69
 1,3,5-Trichlorobenzene
 Concen: 4.940 ug/L
 RT: 13.219 min Scan# 3710
 Delta R.T. -0.000 min
 Lab File: VU055301.D
 Acq: 14 Sep 2023 10:56

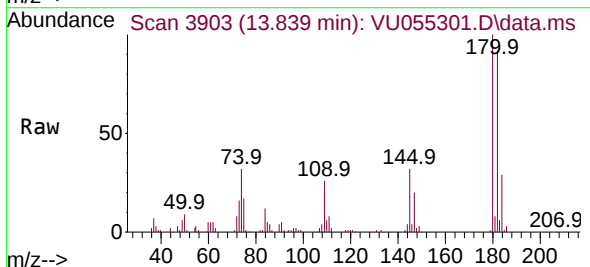
Instrument :
 MSVOA_U
 ClientSampleId :



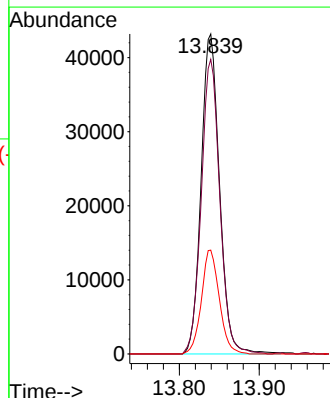
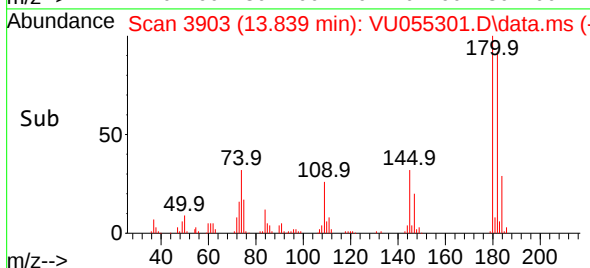
Tgt Ion:180 Resp: 88594
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.8 113.6
 184 30.1 24.0 36.0
 145 31.5 26.3 39.5

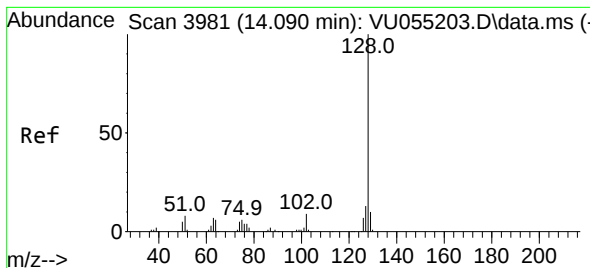


#70
 1,2,4-trichlorobenzene
 Concen: 4.122 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. -0.000 min
 Lab File: VU055301.D
 Acq: 14 Sep 2023 10:56



Tgt Ion:180 Resp: 69313
 Ion Ratio Lower Upper
 180 100
 182 92.7 73.6 110.4
 145 31.6 25.8 38.8





#71

Naphthalene

Concen: 3.439 ug/L

RT: 14.087 min Scan# 3981

Delta R.T. -0.000 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Instrument :

MSVOA_U

ClientSampleId :

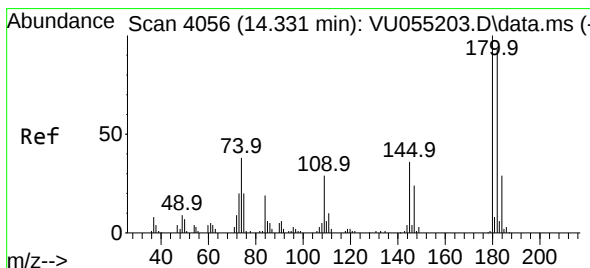
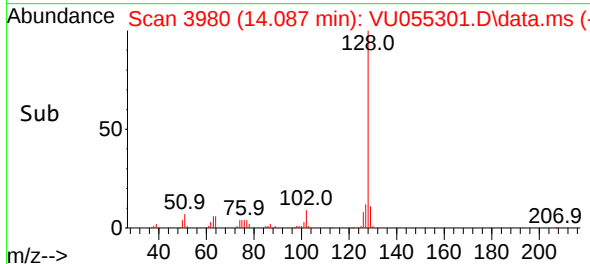
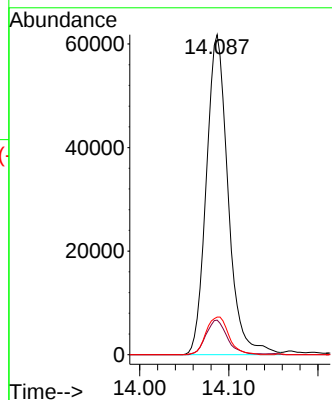
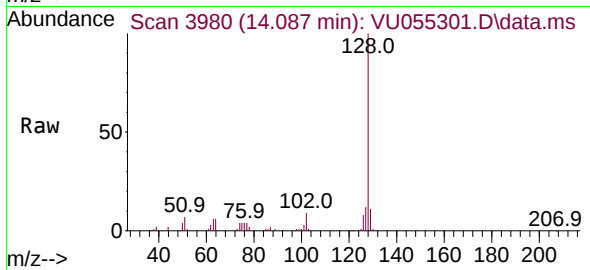
Tgt Ion:128 Resp: 105108

Ion Ratio Lower Upper

128 100

129 10.5 8.2 12.2

127 12.3 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.144 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. -0.000 min

Lab File: VU055301.D

Acq: 14 Sep 2023 10:56

Tgt Ion:180 Resp: 60489

Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

145 33.9 27.0 40.6

