

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071524\
 Data File : VU059936.D
 Acq On : 15 Jul 2024 08:48
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 15 11:34:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 12 02:03:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	292384	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	287117	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	154620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	81036	43.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.340%		
7) Chloroethane-d5	1.908	69	70698	44.772	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.540%		
11) 1,1-Dichloroethene-d2	2.563	63	150656	45.172	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.340%		
21) 2-Butanone-d5	4.612	46	136563	104.674	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.670%		
24) Chloroform-d	5.055	84	173869	47.826	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.660%		
26) 1,2-Dichloroethane-d4	5.695	65	104779	48.473	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.940%		
32) Benzene-d6	5.721	84	341821	46.492	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.980%		
36) 1,2-Dichloropropane-d6	6.682	67	107244	47.130	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.260%		
41) Toluene-d8	7.894	98	318732	45.587	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.180%		
43) trans-1,3-Dichloroprop...	8.174	79	49672	46.650	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.300%		
47) 2-Hexanone-d5	8.628	63	95584	99.672	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.670%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	172392	49.359	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.720%		
66) 1,2-Dichlorobenzene-d4	12.187	152	123904	43.608	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.220%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	89277	49.165	ug/L	99
3) Chloromethane	1.519	50	92287	51.791	ug/L	99
5) Vinyl chloride	1.602	62	103997	49.717	ug/L	98
6) Bromomethane	1.850	94	54975	50.034	ug/L	98
8) Chloroethane	1.927	64	67612	49.648	ug/L	98
9) Trichlorofluoromethane	2.133	101	143594	49.308	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	95953	51.762	ug/L	98
12) 1,1-Dichloroethene	2.573	96	85460	49.295	ug/L	90
13) Acetone	2.615	43	177124	131.843	ug/L	100
14) Carbon disulfide	2.789	76	208625	47.679	ug/L	99
15) Methyl Acetate	2.943	43	103956	51.324	ug/L	96
16) Methylene chloride	3.036	84	103814	47.488	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	88091	49.357	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	287503	49.597	ug/L	99
19) 1,1-Dichloroethane	3.859	63	174534	51.560	ug/L	98
20) cis-1,2-Dichloroethene	4.660	96	106235	49.156	ug/L	99
22) 2-Butanone	4.692	43	193569	117.110	ug/L	99
23) Bromochloromethane	4.969	128	56575	49.630	ug/L	97
25) Chloroform	5.078	83	186251	51.131	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071524\
 Data File : VU059936.D
 Acq On : 15 Jul 2024 08:48
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

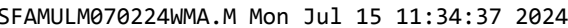
Instrument :
 MSVOA_U
 ClientSampleId :

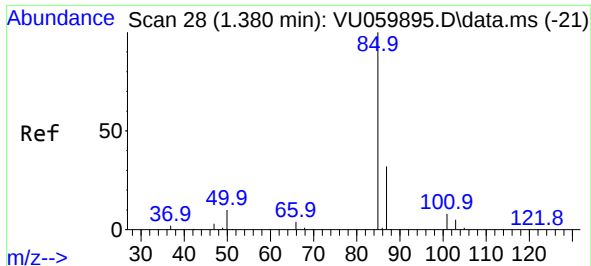
Quant Time: Jul 15 11:34:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 12 02:03:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	139419	50.417	ug/L	99
29) Cyclohexane	5.380	56	125805	48.934	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	150901	50.733	ug/L	98
31) Carbon tetrachloride	5.518	117	125258	50.980	ug/L	100
33) Benzene	5.766	78	392364	50.606	ug/L	100
34) Trichloroethene	6.538	95	104484	50.499	ug/L	97
35) Methylcyclohexane	6.756	83	141241	49.429	ug/L	98
37) 1,2-Dichloropropane	6.785	63	109725	51.415	ug/L	99
38) Bromodichloromethane	7.100	83	142045	52.531	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	165620	50.724	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	291085	107.918	ug/L	99
42) Toluene	7.965	91	434838	51.374	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	152788	50.943	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	113128	50.617	ug/L	100
46) Tetrachloroethene	8.550	164	82873	48.689	ug/L	99
48) 2-Hexanone	8.676	43	254093	112.559	ug/L	99
49) Dibromochloromethane	8.804	129	114855	52.156	ug/L	100
50) 1,2-Dibromoethane	8.917	107	118539	50.727	ug/L	99
51) Chlorobenzene	9.441	112	280138	49.854	ug/L	99
52) Ethylbenzene	9.566	91	452006	50.007	ug/L	99
53) m,p-Xylene	9.689	106	176076	50.030	ug/L	99
54) o-Xylene	10.097	106	171153	50.573	ug/L	99
55) Styrene	10.110	104	301278	52.767	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	190803	50.623	ug/L	99
59) Bromoform	10.287	173	96987	51.877	ug/L	99
60) 1,2,3-Trichloropropane	10.817	75	146339	49.869	ug/L	98
61) Isopropylbenzene	10.480	105	449811	49.906	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	323405	49.015	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	355785	50.341	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	227482	48.666	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	226870	46.950	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	230208	48.752	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	42062	52.413	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	159768	47.407	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	135923	44.748	ug/L	100
71) Naphthalene	14.084	128	391813	44.636	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	141732	46.506	ug/L	98

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

Quant Time: Jul 15 11:34:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 02:03:36 2024
Response via : Initial Calibration

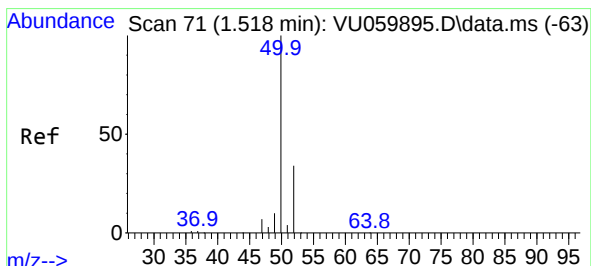
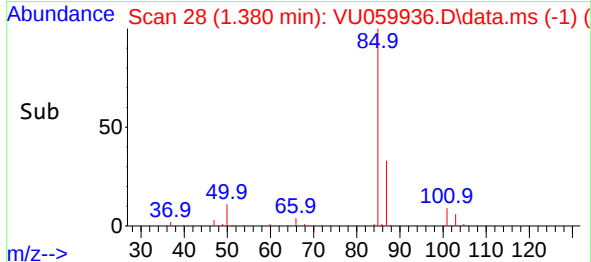
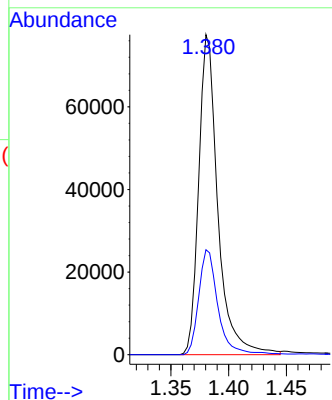
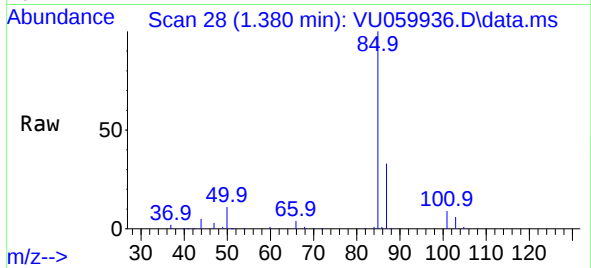




#2
 Dichlorodifluoromethane
 Concen: 49.165 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU059936.D
 Acq: 15 Jul 2024 08:48

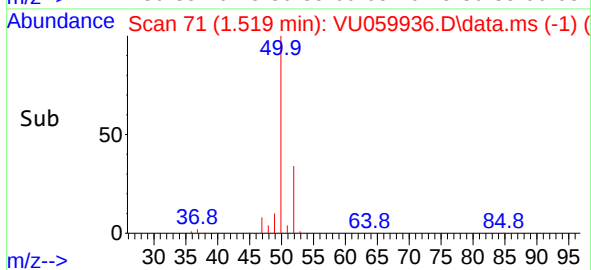
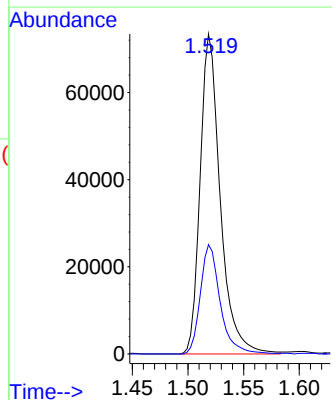
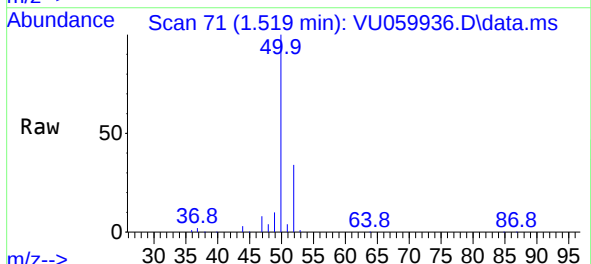
Instrument :
 MSVOA_U
 ClientSampleId :

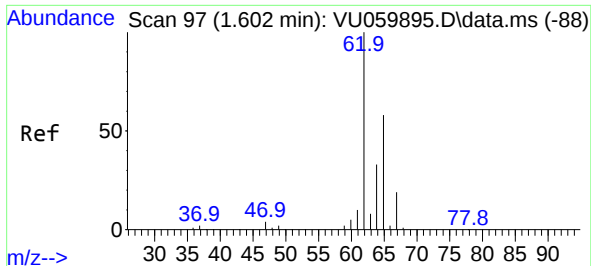
Tgt Ion: 85 Resp: 89277
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.4 38.2



#3
 Chloromethane
 Concen: 51.791 ug/L
 RT: 1.519 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU059936.D
 Acq: 15 Jul 2024 08:48

Tgt Ion: 50 Resp: 92287
 Ion Ratio Lower Upper
 50 100
 52 34.1 24.5 45.5

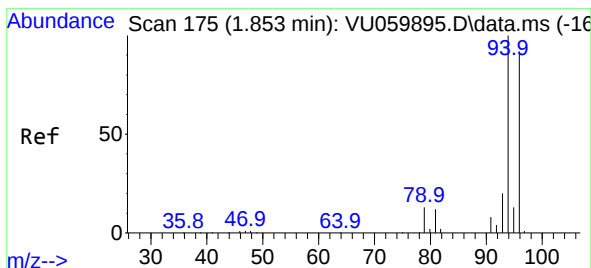
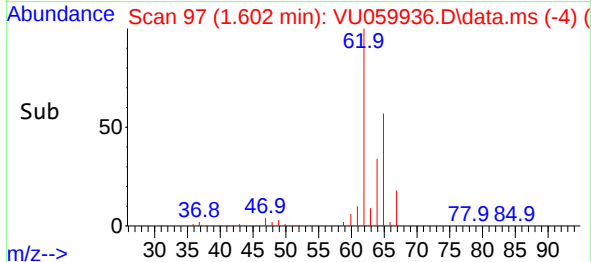
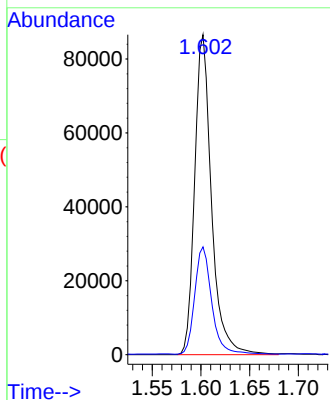
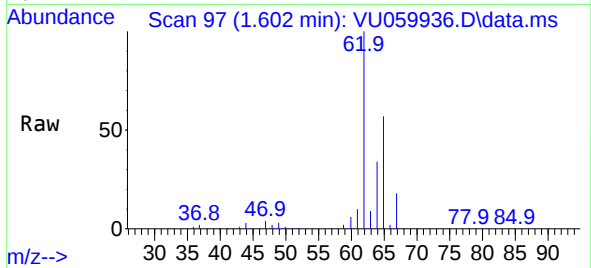




#5
Vinyl chloride
Concen: 49.717 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

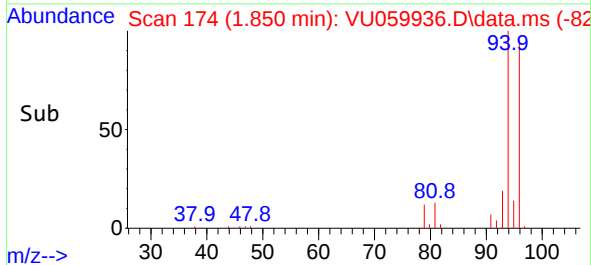
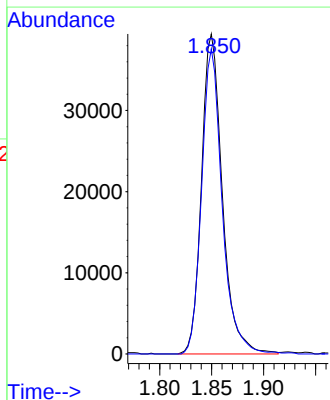
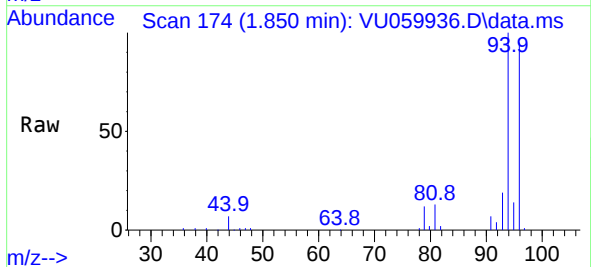
Instrument :
MSVOA_U
ClientSampleId :

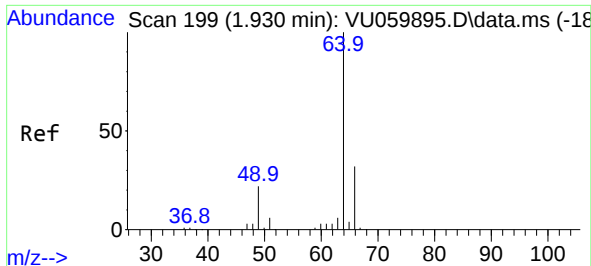
Tgt Ion: 62 Resp: 103997
Ion Ratio Lower Upper
62 100
64 33.7 22.9 42.5



#6
Bromomethane
Concen: 50.034 ug/L
RT: 1.850 min Scan# 174
Delta R.T. -0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

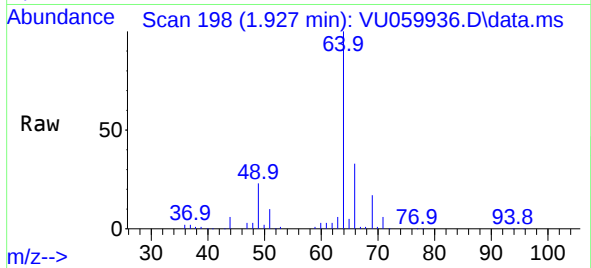
Tgt Ion: 94 Resp: 54975
Ion Ratio Lower Upper
94 100
96 95.3 65.2 121.2



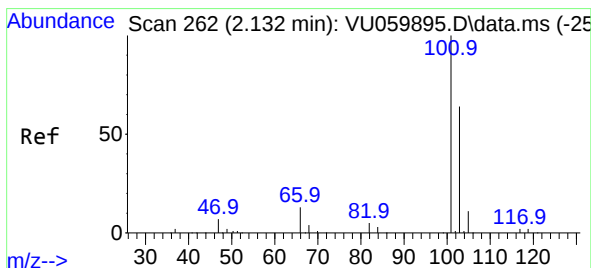
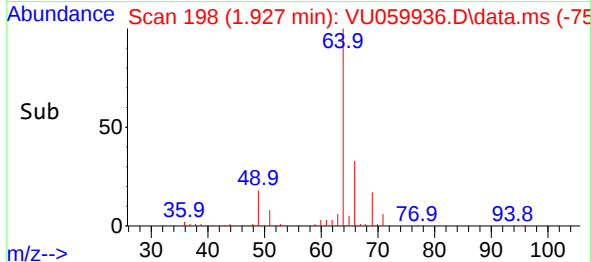
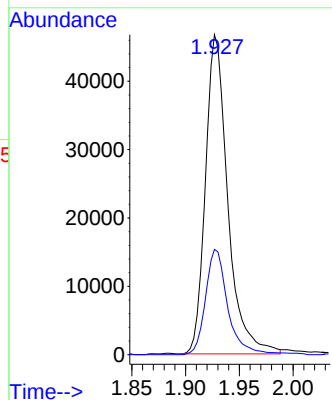


#8
Chloroethane
Concen: 49.648 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Instrument :
MSVOA_U
ClientSampleId :

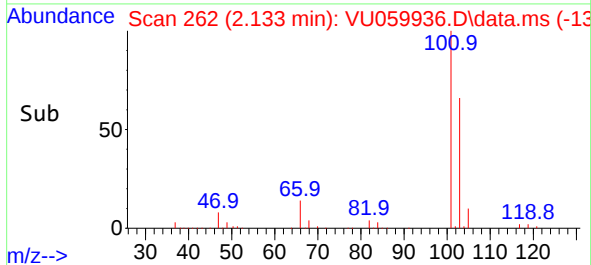
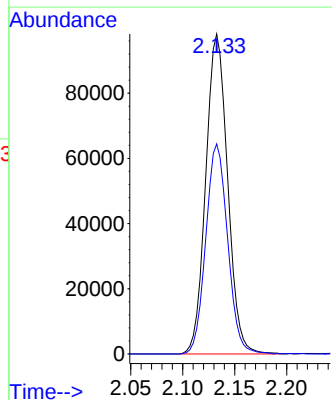
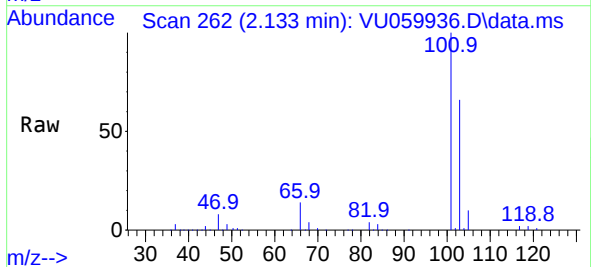


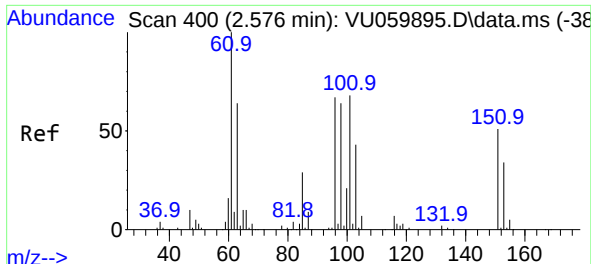
Tgt Ion: 64 Resp: 67612
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 49.308 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

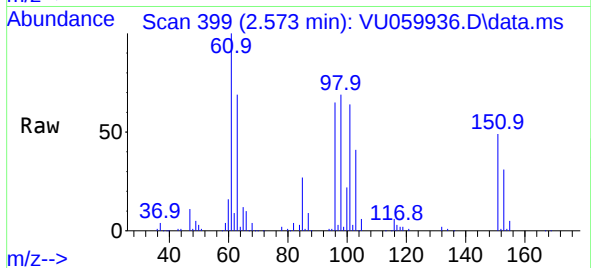
Tgt Ion:101 Resp: 143594
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5



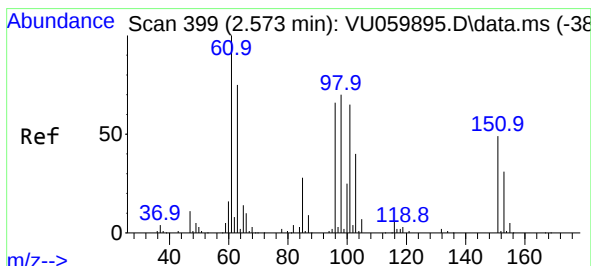
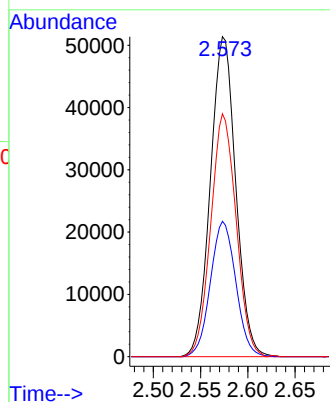
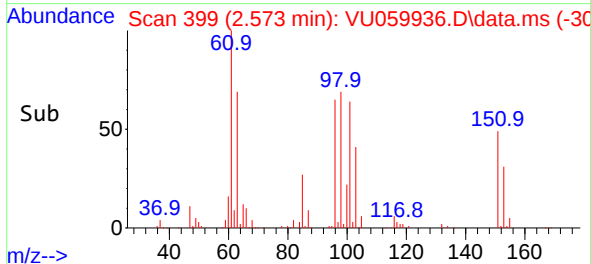


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.762 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Instrument :
MSVOA_U
ClientSampleId :

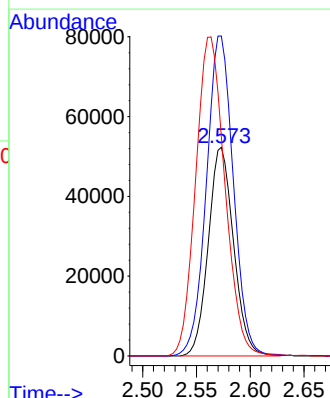
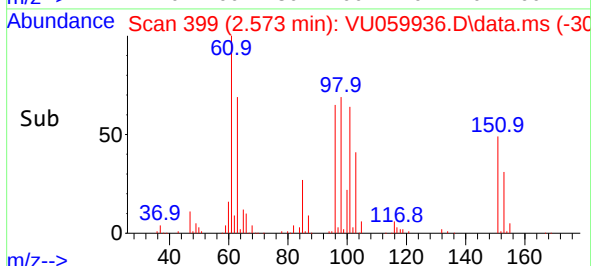
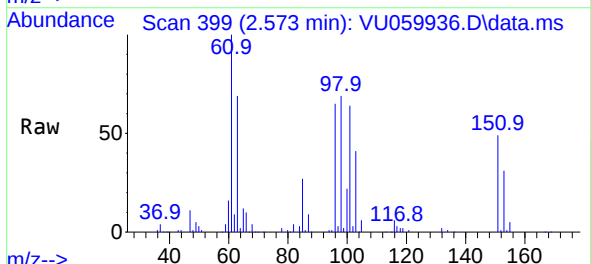


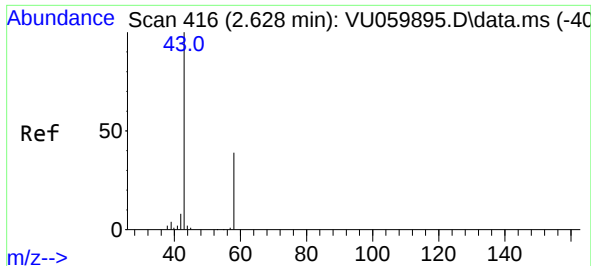
Tgt Ion:101 Resp: 95953
Ion Ratio Lower Upper
101 100
85 42.3 34.8 52.2
151 75.7 62.3 93.5



#12
1,1-Dichloroethene
Concen: 49.295 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion: 96 Resp: 85460
Ion Ratio Lower Upper
96 100
61 153.4 112.2 208.4
63 105.2 87.4 162.2





#13

Acetone

Concen: 131.843 ug/L

RT: 2.615 min Scan# 416

Delta R.T. -0.013 min

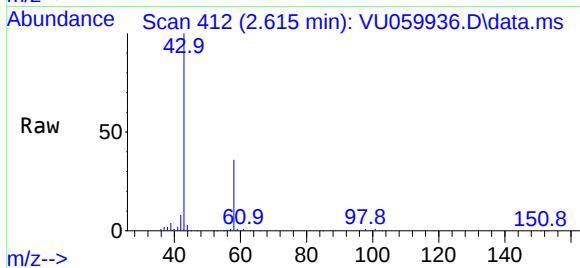
Lab File: VU059936.D

Acq: 15 Jul 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

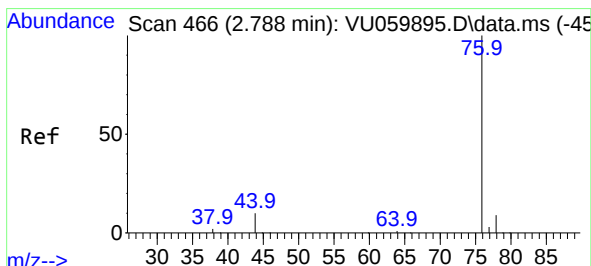
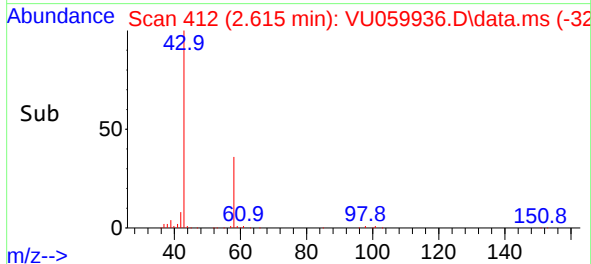
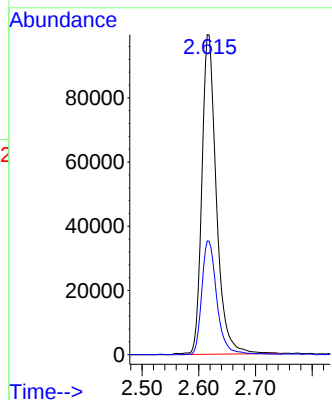


Tgt Ion: 43 Resp: 177124

Ion Ratio Lower Upper

43 100

58 36.7 0.0 73.8



#14

Carbon disulfide

Concen: 47.679 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059936.D

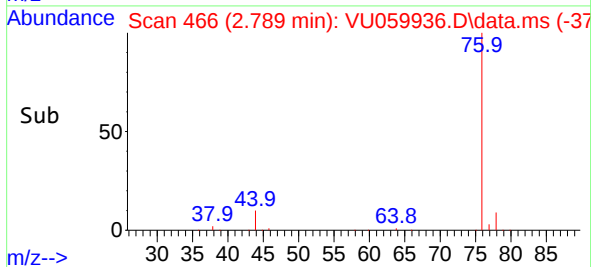
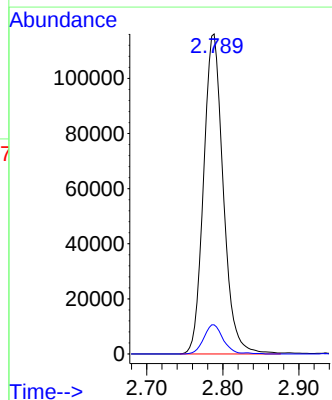
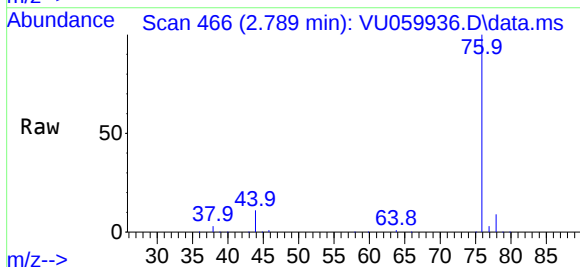
Acq: 15 Jul 2024 08:48

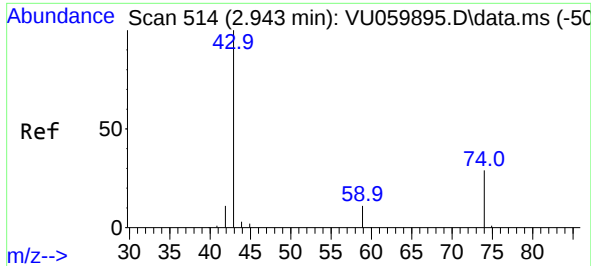
Tgt Ion: 76 Resp: 208625

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4





#15

Methyl Acetate

Concen: 51.324 ug/L

RT: 2.943 min Scan# 51

Delta R.T. 0.000 min

Lab File: VU059936.D

Acq: 15 Jul 2024 08:48

Instrument :

MSVOA_U

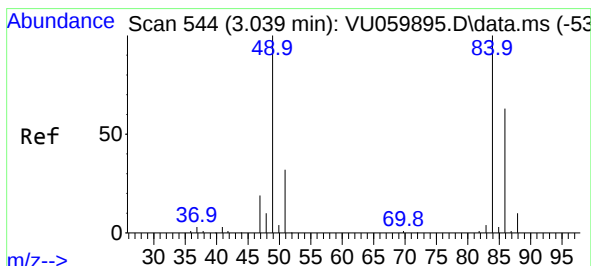
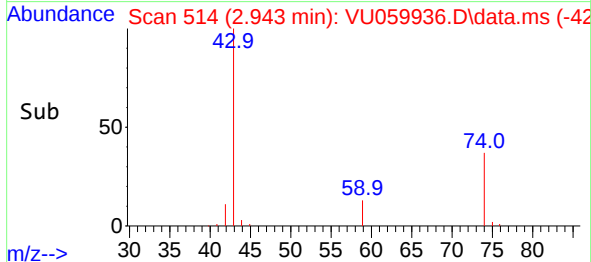
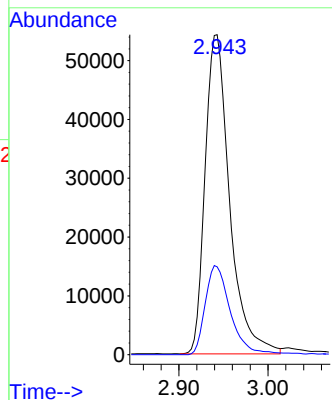
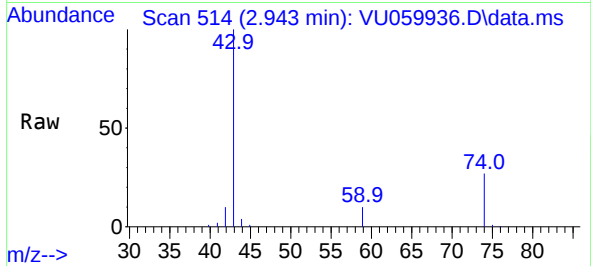
ClientSampleId :

Tgt Ion: 43 Resp: 103956

Ion Ratio Lower Upper

43 100

74 28.1 24.1 36.1



#16

Methylene chloride

Concen: 47.488 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059936.D

Acq: 15 Jul 2024 08:48

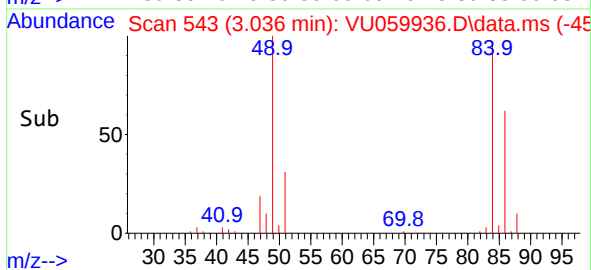
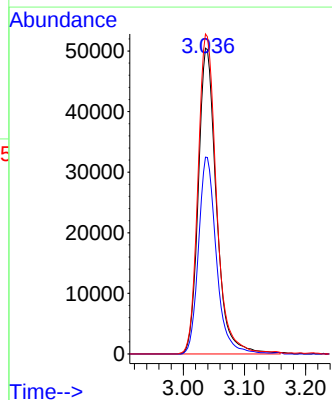
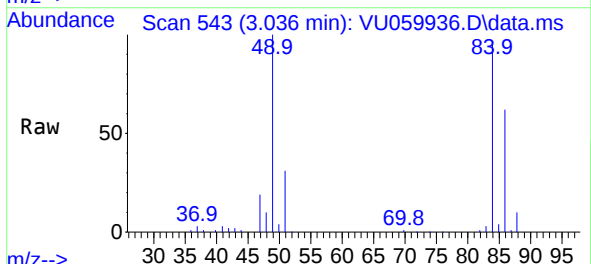
Tgt Ion: 84 Resp: 103814

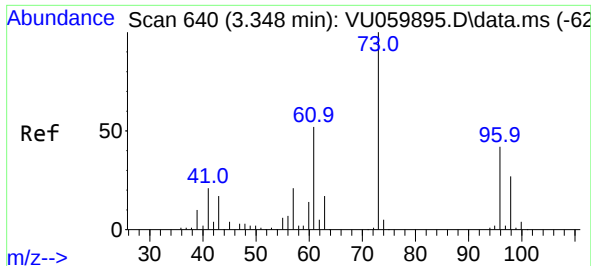
Ion Ratio Lower Upper

84 100

86 64.4 44.7 83.1

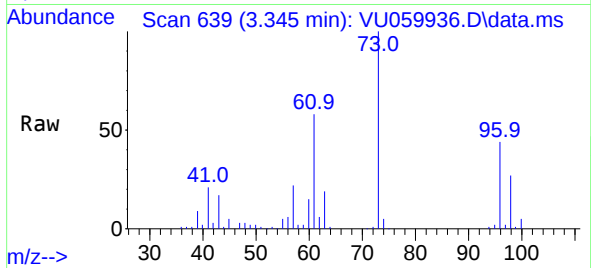
49 104.7 71.6 133.0



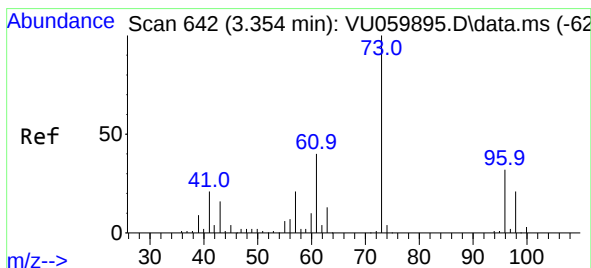
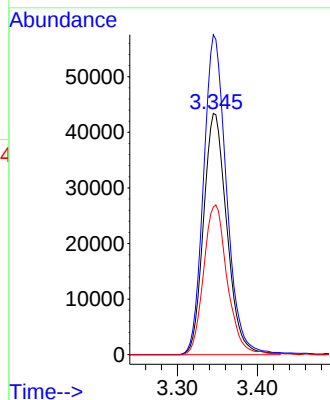
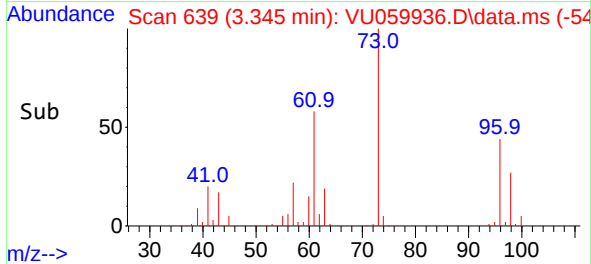


#17
trans-1,2-Dichloroethene
Concen: 49.357 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Instrument :
MSVOA_U
ClientSampleId :

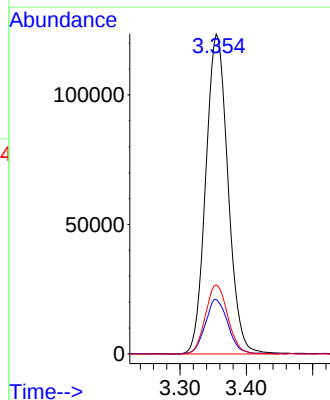
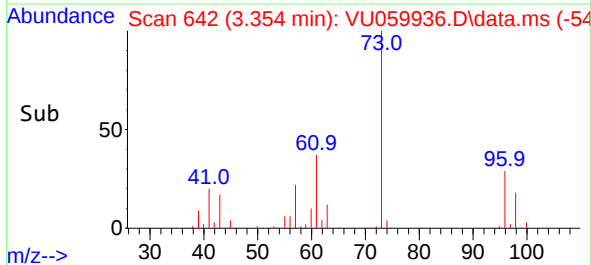
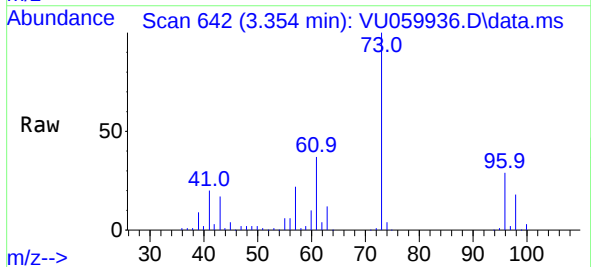


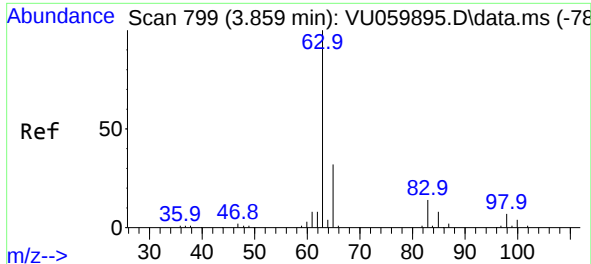
Tgt Ion: 96 Resp: 88091
Ion Ratio Lower Upper
96 100
61 132.6 90.6 168.3
98 61.2 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 49.597 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion: 73 Resp: 287503
Ion Ratio Lower Upper
73 100
43 17.4 14.1 21.1
57 21.8 17.1 25.7





#19

1,1-Dichloroethane

Concen: 51.560 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU059936.D

Acq: 15 Jul 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

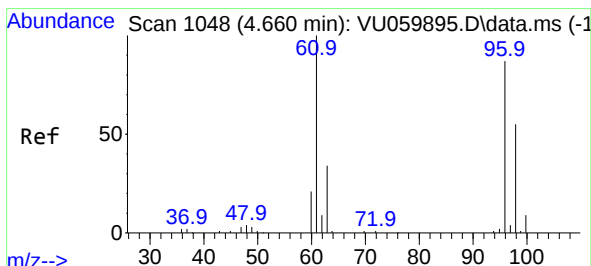
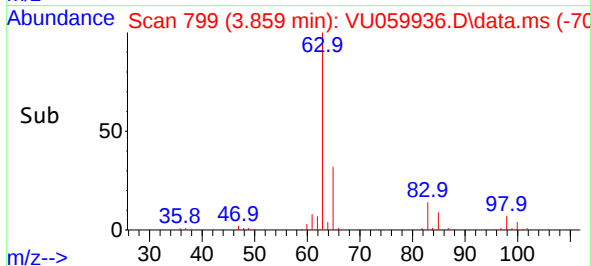
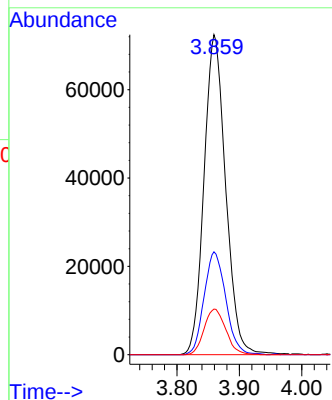
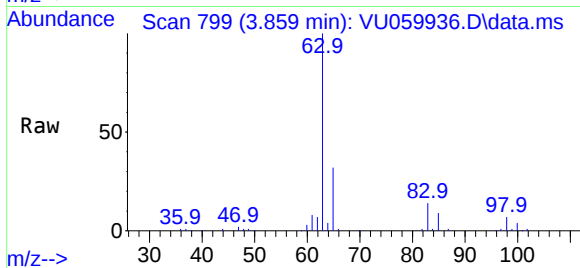
Tgt Ion: 63 Resp: 174534

Ion Ratio Lower Upper

63 100

65 32.1 23.3 43.3

83 14.3 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 49.156 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU059936.D

Acq: 15 Jul 2024 08:48

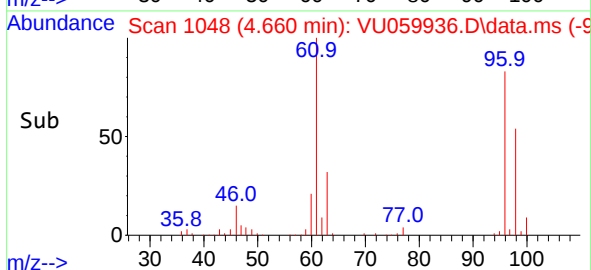
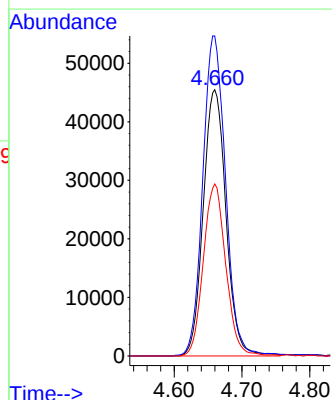
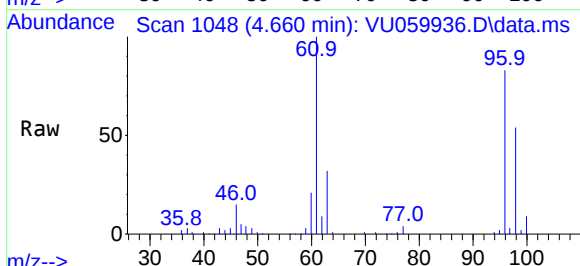
Tgt Ion: 96 Resp: 106235

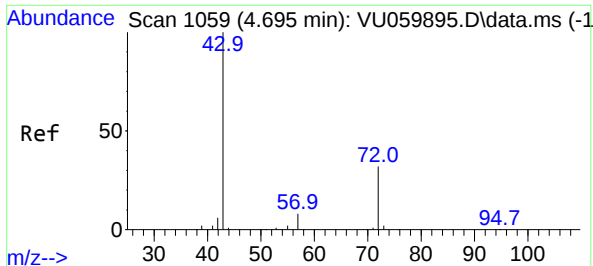
Ion Ratio Lower Upper

96 100

61 120.2 83.2 154.4

98 64.6 45.9 85.3

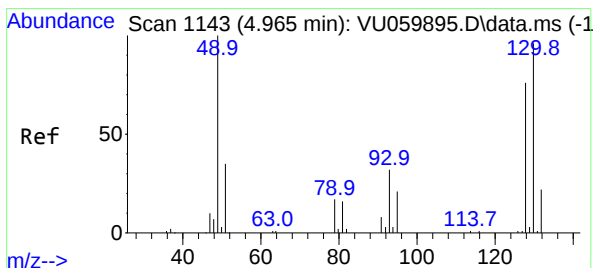
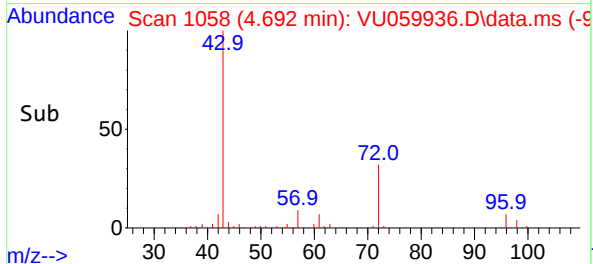
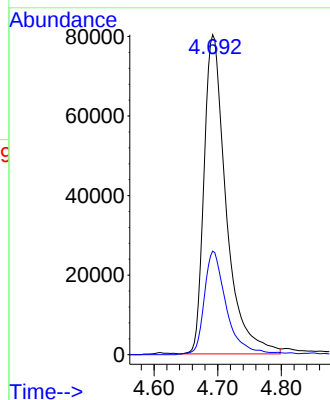
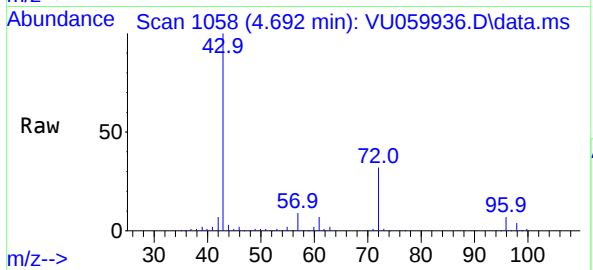




#22
2-Butanone
Concen: 117.110 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. -0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

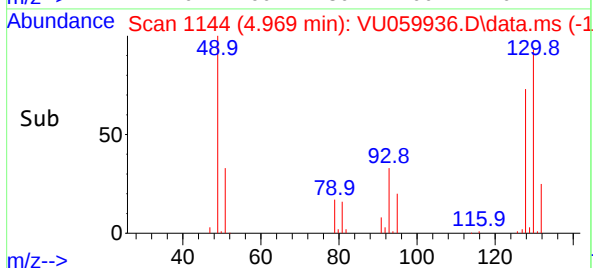
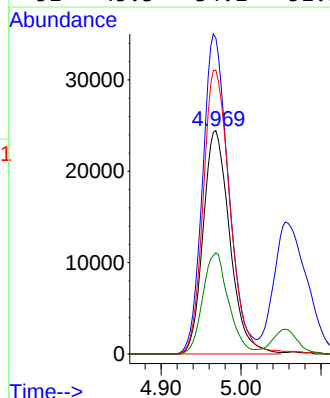
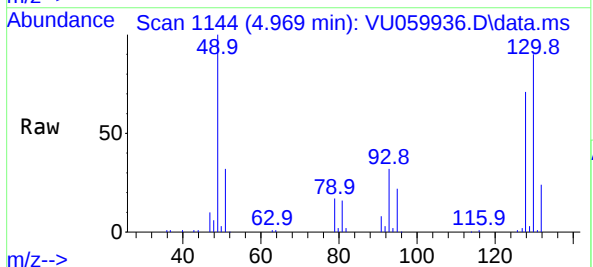
Instrument :
MSVOA_U
ClientSampleId :

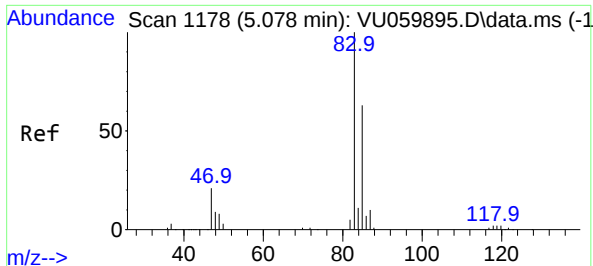
Tgt Ion: 43 Resp: 193569
Ion Ratio Lower Upper
43 100
72 32.2 16.4 49.2



#23
Bromochloromethane
Concen: 49.630 ug/L
RT: 4.969 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion:128 Resp: 56575
Ion Ratio Lower Upper
128 100
49 141.4 96.7 179.7
130 127.1 86.3 160.3
51 45.3 34.1 51.1





#25

Chloroform

Concen: 51.131 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059936.D

Acq: 15 Jul 2024 08:48

Instrument :

MSVOA_U

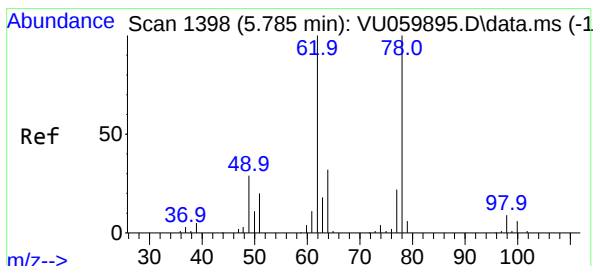
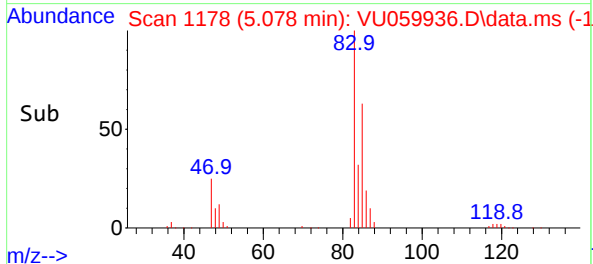
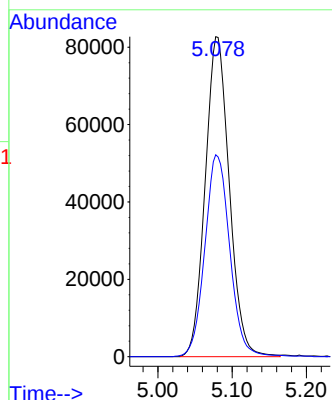
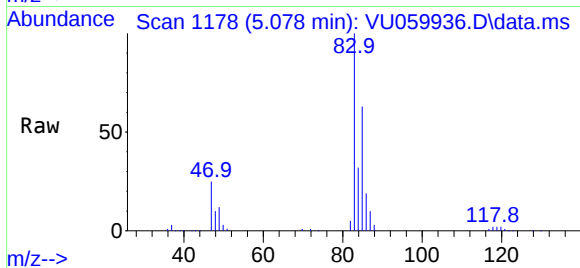
ClientSampleId :

Tgt Ion: 83 Resp: 186251

Ion Ratio Lower Upper

83 100

85 63.1 46.7 86.7



#27

1,2-Dichloroethane

Concen: 50.417 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU059936.D

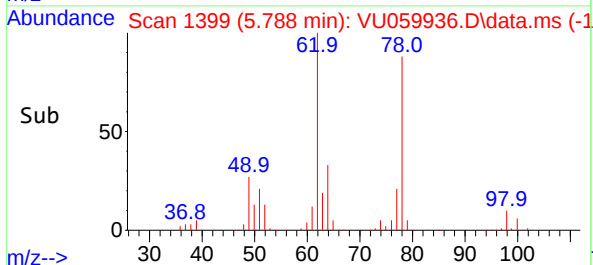
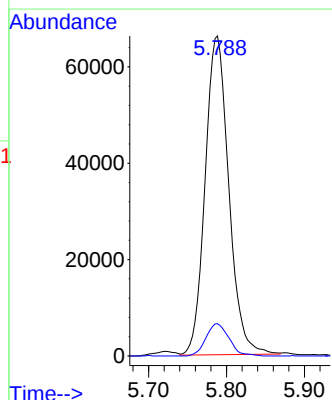
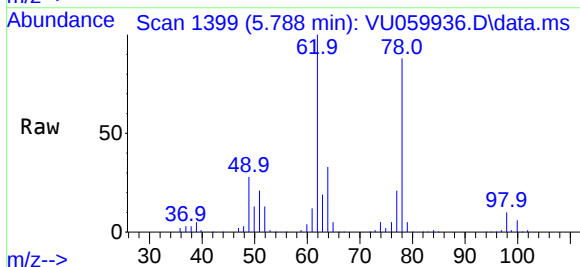
Acq: 15 Jul 2024 08:48

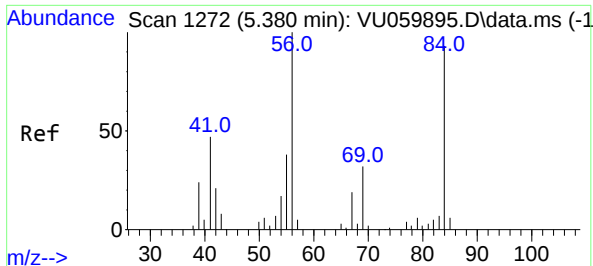
Tgt Ion: 62 Resp: 139419

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8





#29

Cyclohexane

Concen: 48.934 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VU059936.D

Acq: 15 Jul 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

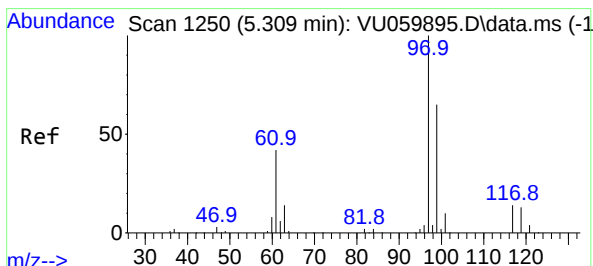
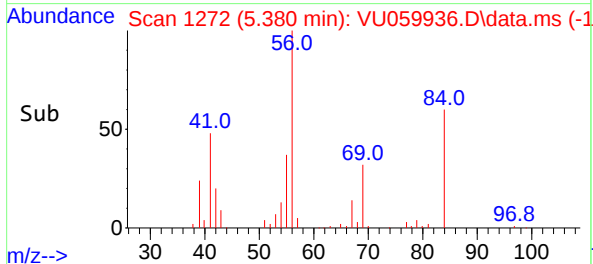
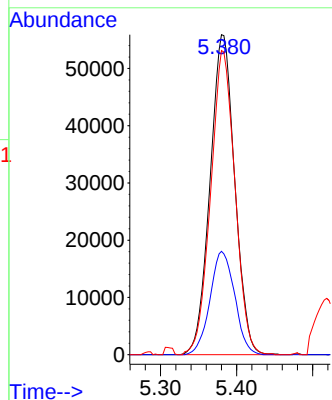
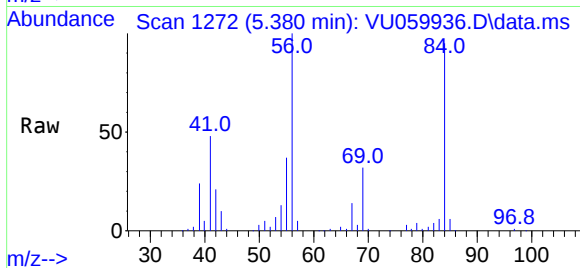
Tgt Ion: 56 Resp: 125805

Ion Ratio Lower Upper

56 100

69 32.3 26.0 39.0

84 93.6 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 50.733 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU059936.D

Acq: 15 Jul 2024 08:48

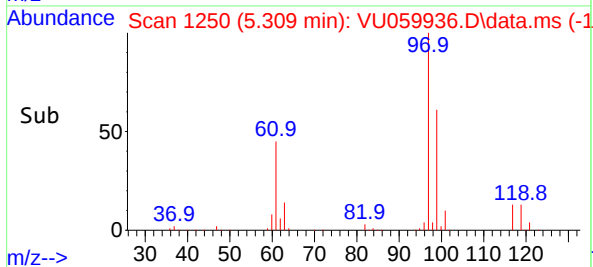
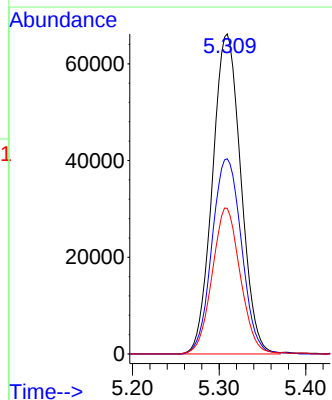
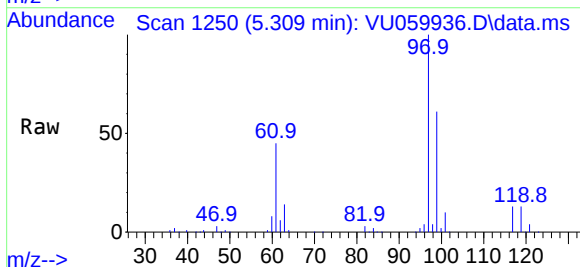
Tgt Ion: 97 Resp: 150901

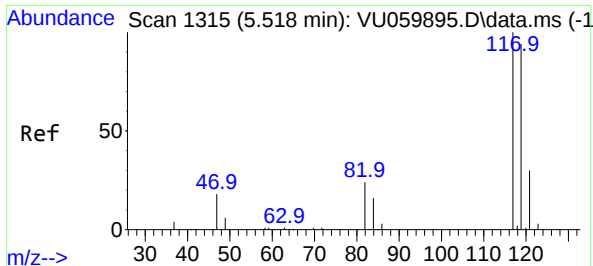
Ion Ratio Lower Upper

97 100

99 63.4 52.2 78.2

61 45.1 35.2 52.8

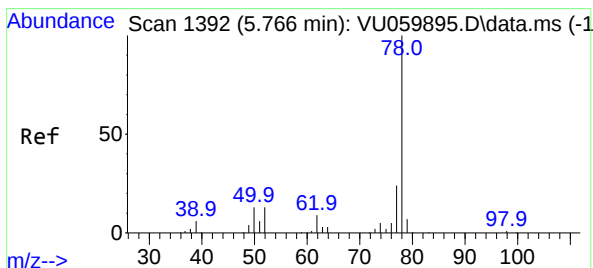
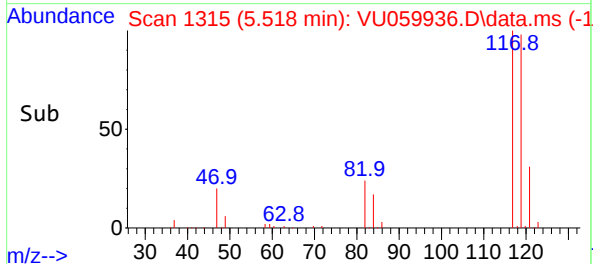
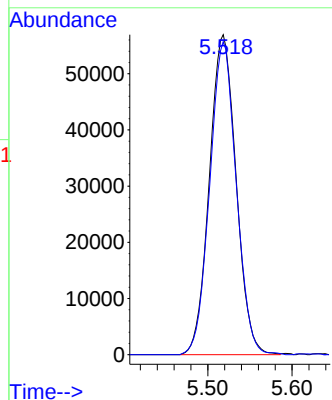
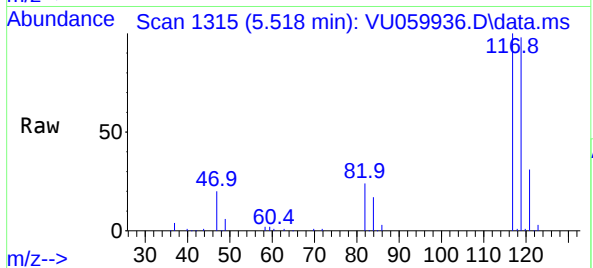




#31
Carbon tetrachloride
Concen: 50.980 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

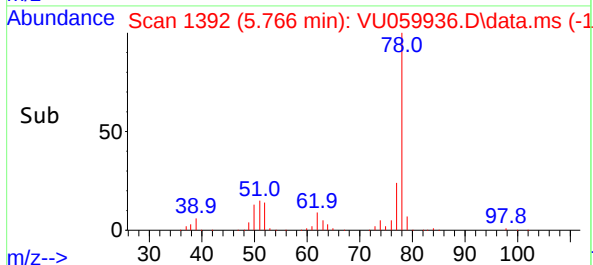
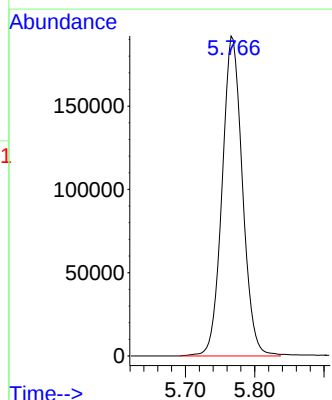
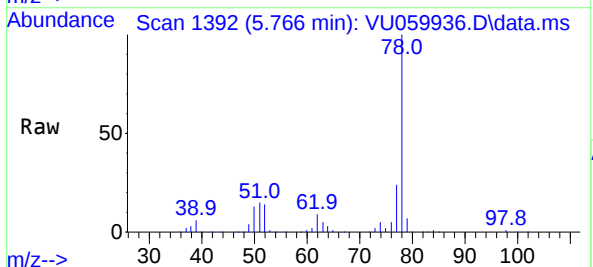
Instrument :
MSVOA_U
ClientSampleId :

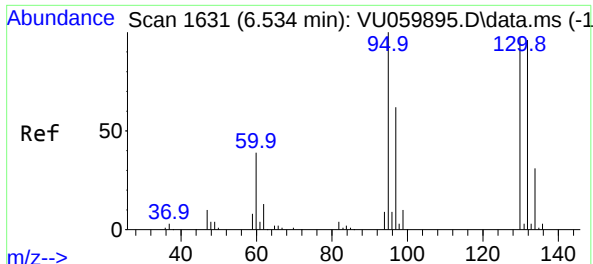
Tgt Ion:117 Resp: 125258
Ion Ratio Lower Upper
117 100
119 96.7 77.6 116.4



#33
Benzene
Concen: 50.606 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion: 78 Resp: 392364

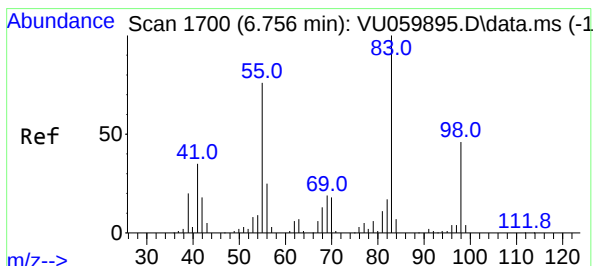
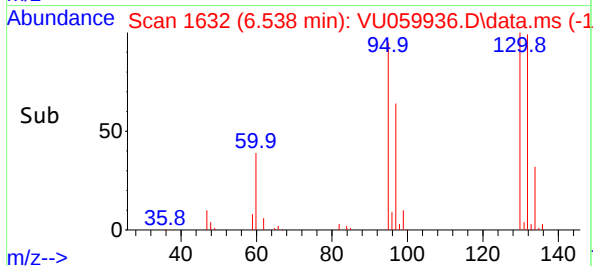
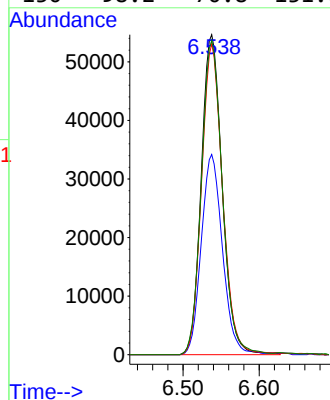
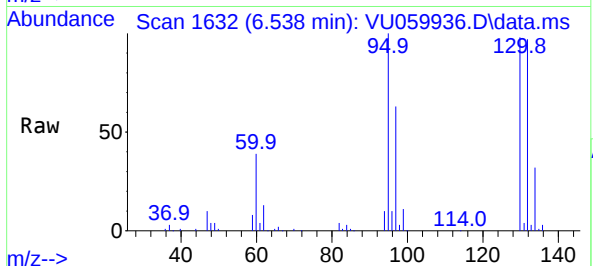




#34
Trichloroethene
Concen: 50.499 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

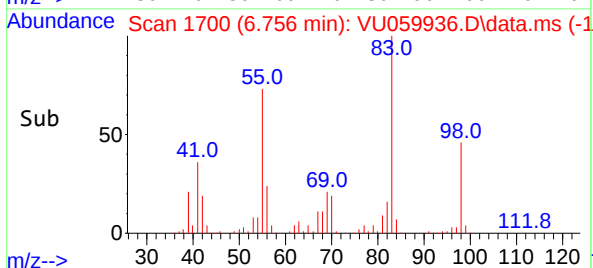
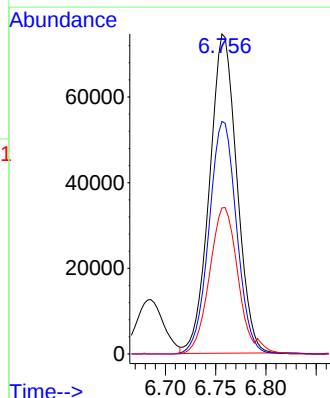
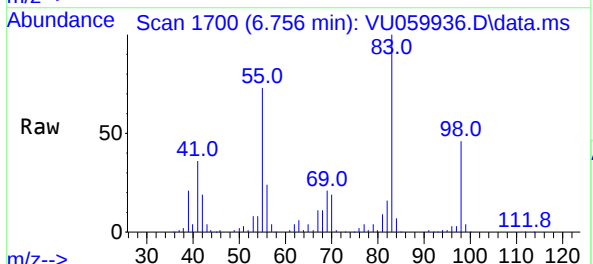
Instrument :
MSVOA_U
ClientSampleId :

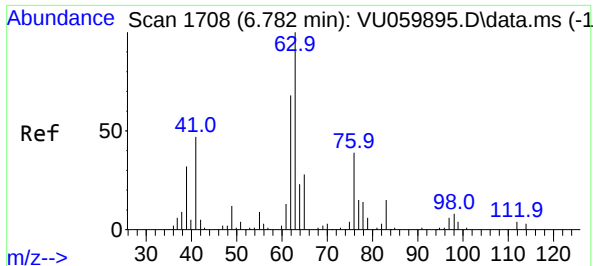
Tgt Ion: 95 Resp: 104484
Ion Ratio Lower Upper
95 100
97 62.5 45.8 85.2
132 97.2 69.8 129.6
130 98.2 70.8 131.6



#35
Methylcyclohexane
Concen: 49.429 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion: 83 Resp: 141241
Ion Ratio Lower Upper
83 100
55 73.3 56.8 85.2
98 46.5 36.5 54.7

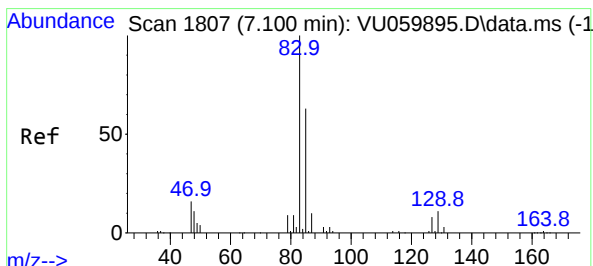
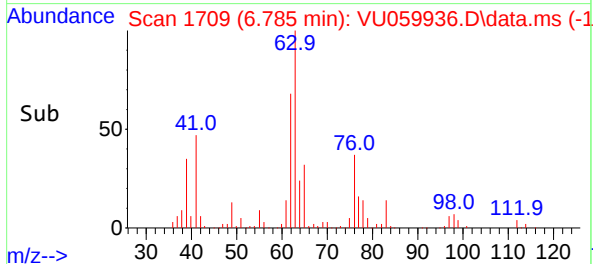
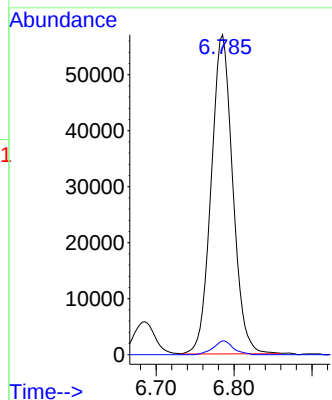
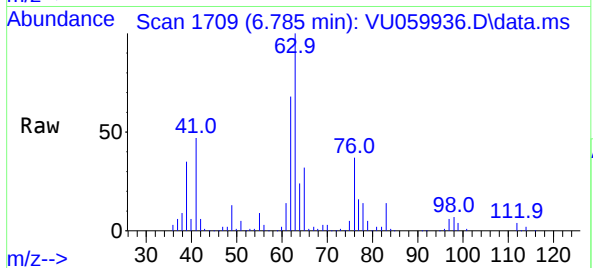




#37
1,2-Dichloropropane
Concen: 51.415 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

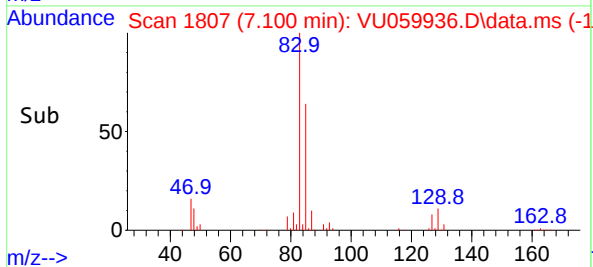
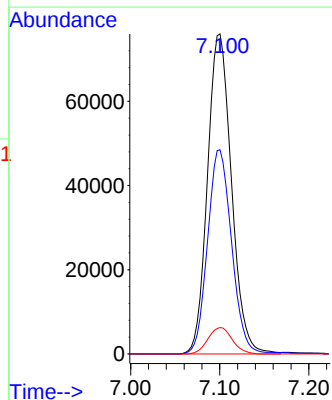
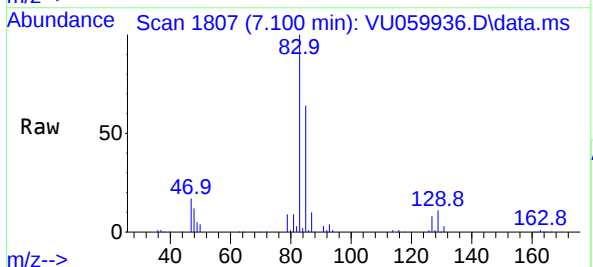
Instrument :
MSVOA_U
ClientSampleId :

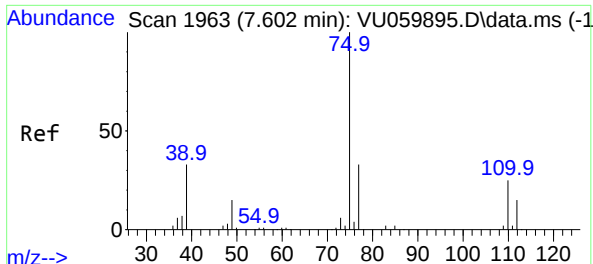
Tgt Ion: 63 Resp: 109725
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.6



#38
Bromodichloromethane
Concen: 52.531 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion: 83 Resp: 142045
Ion Ratio Lower Upper
83 100
85 63.8 45.0 83.6
127 8.3 7.4 11.2

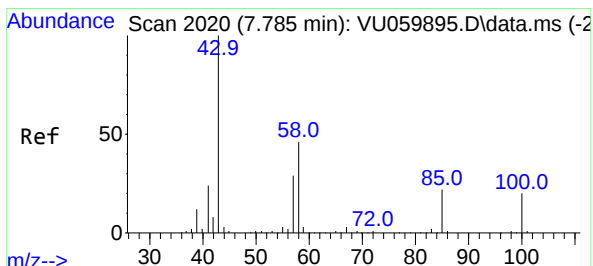
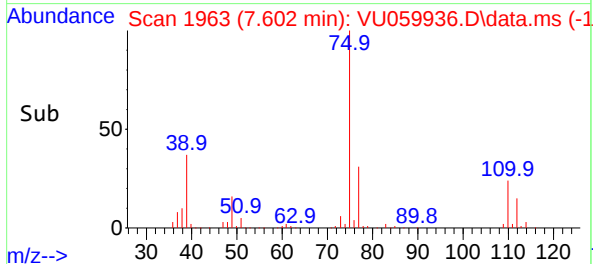
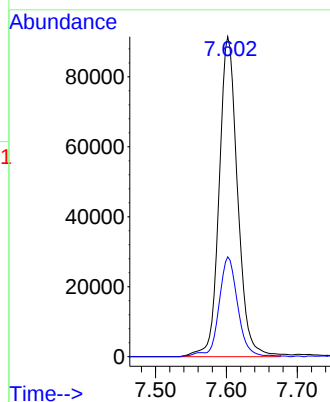
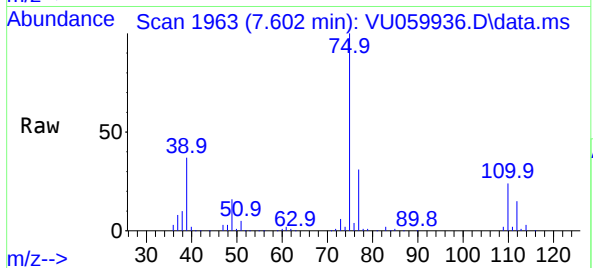




#39
cis-1,3-Dichloropropene
Concen: 50.724 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

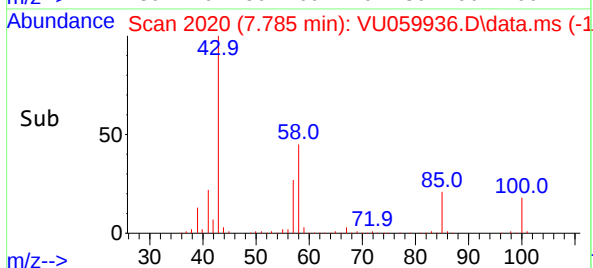
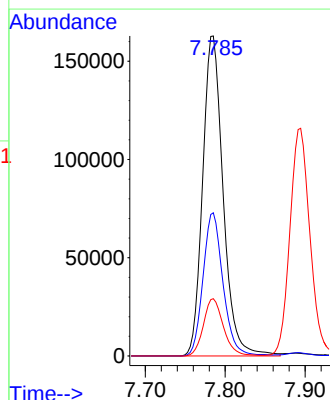
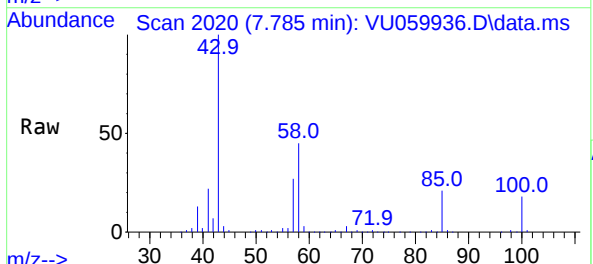
Instrument :
MSVOA_U
ClientSampleId :

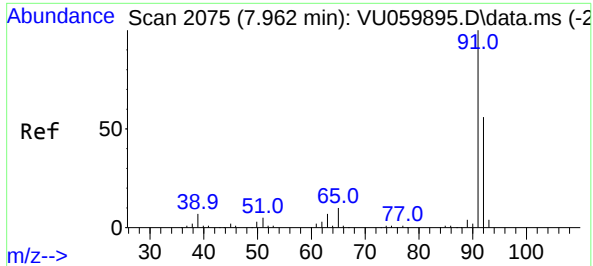
Tgt Ion: 75 Resp: 165620
Ion Ratio Lower Upper
75 100
77 31.2 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 107.918 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion: 43 Resp: 291085
Ion Ratio Lower Upper
43 100
58 43.5 35.3 52.9
100 17.5 14.6 22.0

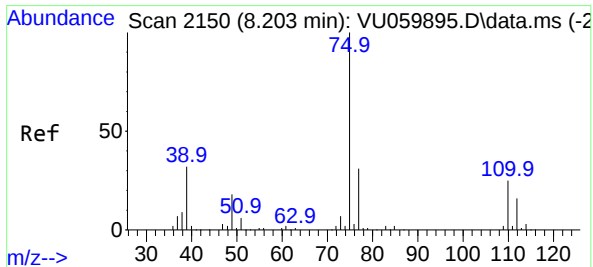
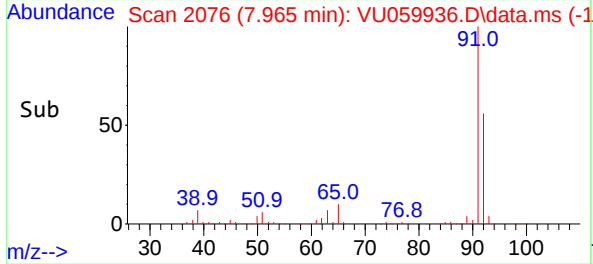
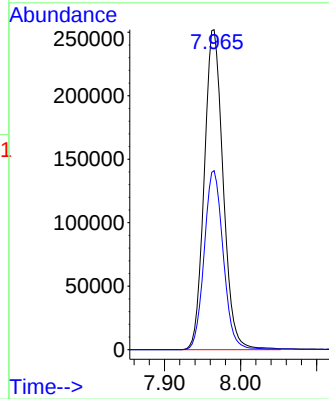
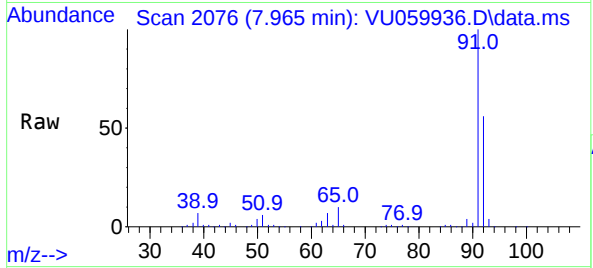




#42
Toluene
Concen: 51.374 ug/L
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

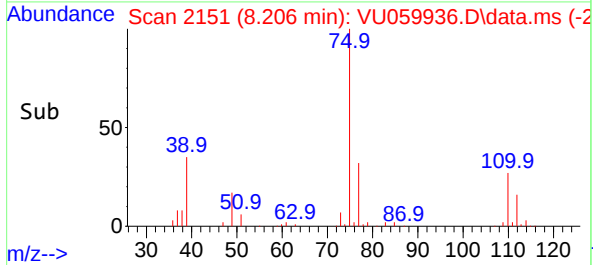
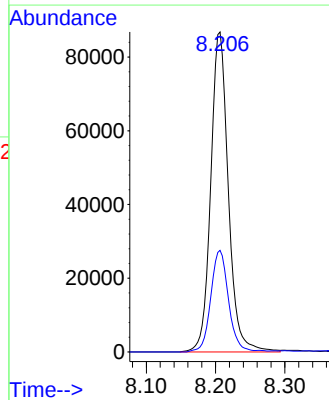
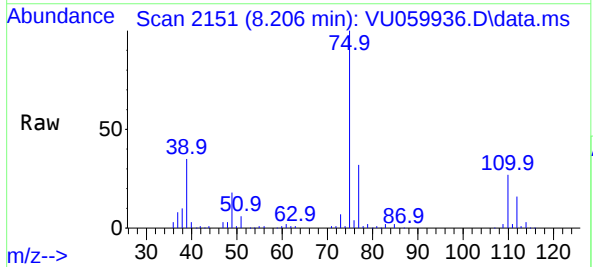
Instrument :
MSVOA_U
ClientSampleId :

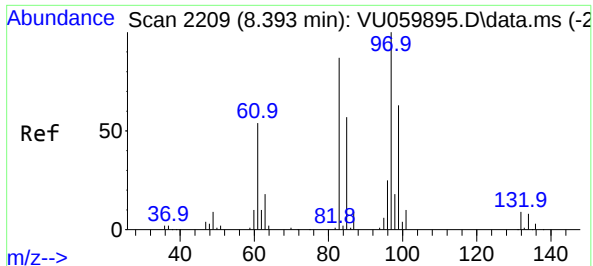
Tgt Ion: 91 Resp: 434838
Ion Ratio Lower Upper
91 100
92 56.0 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 50.943 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion: 75 Resp: 152788
Ion Ratio Lower Upper
75 100
77 31.8 21.7 40.3



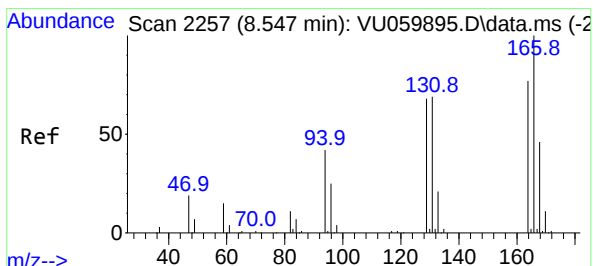
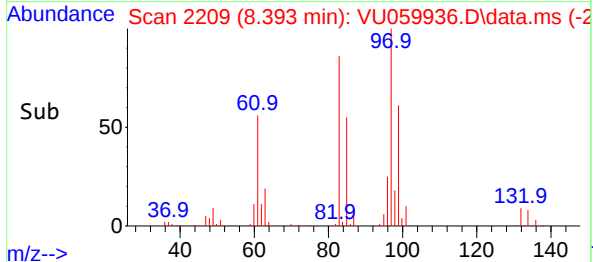
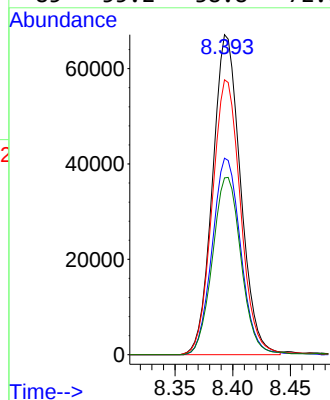
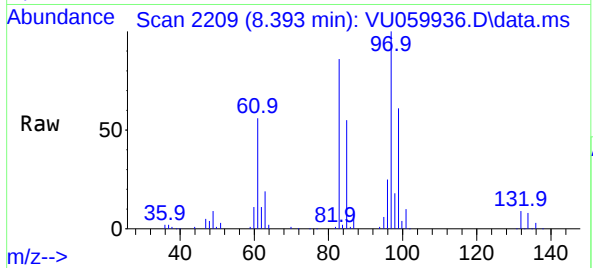


#45
1,1,2-Trichloroethane
Concen: 50.617 ug/L
RT: 8.393 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 113128

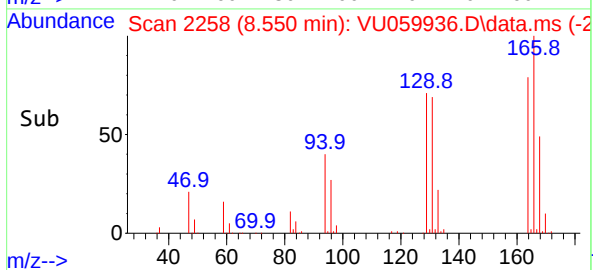
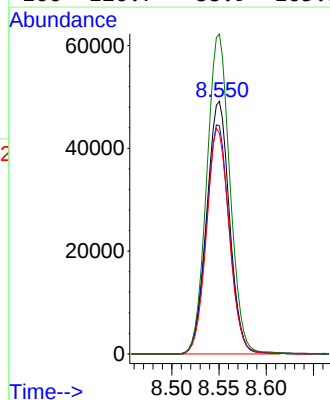
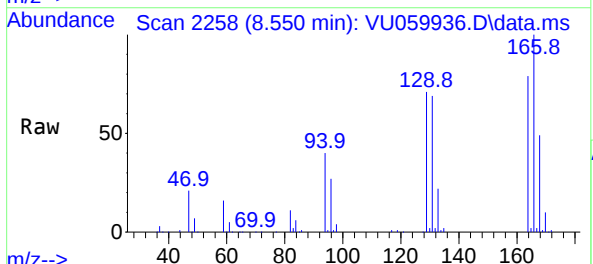
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.1	80.1
83	85.9	60.4	112.2
85	55.2	38.8	72.0

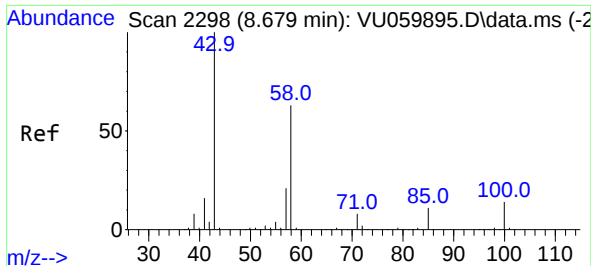


#46
Tetrachloroethene
Concen: 48.689 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion:164 Resp: 82873

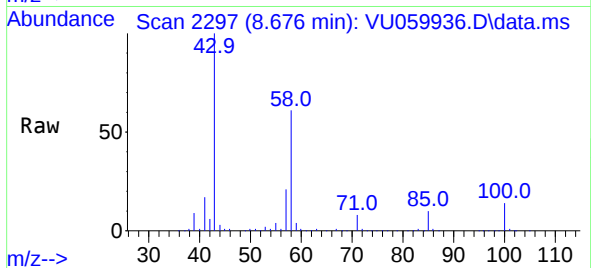
Ion	Ratio	Lower	Upper
164	100		
129	90.3	62.7	116.5
131	87.5	62.3	115.7
166	126.7	88.9	165.1



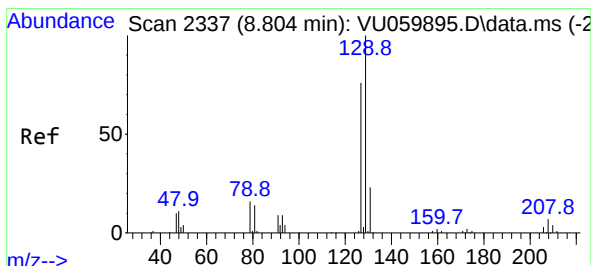
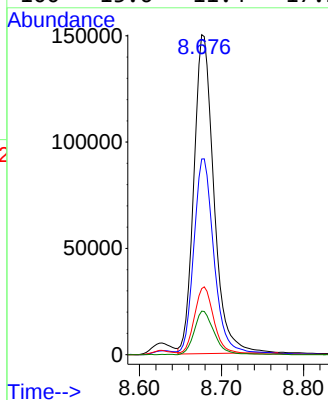
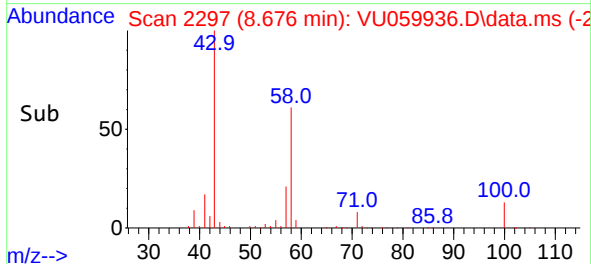


#48
2-Hexanone
Concen: 112.559 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Instrument :
MSVOA_U
ClientSampleId :

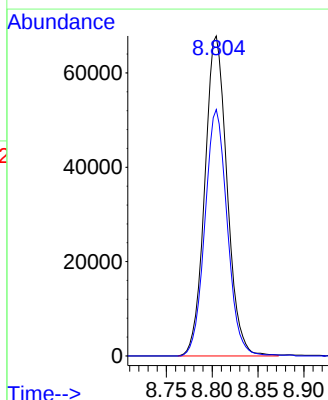
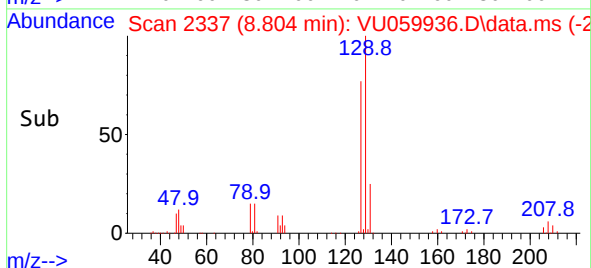
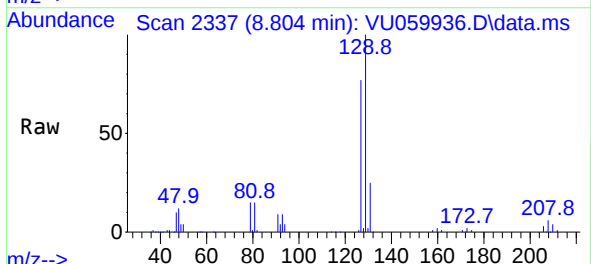


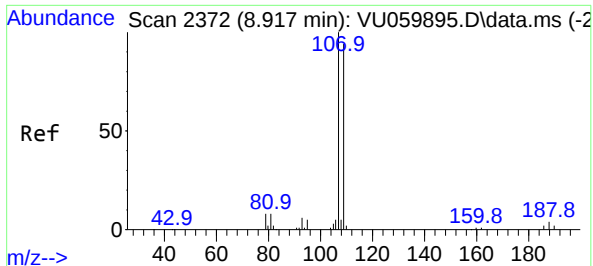
Tgt Ion: 43 Resp: 254093
Ion Ratio Lower Upper
43 100
58 61.7 49.0 73.6
57 21.2 16.7 25.1
100 13.6 11.4 17.2



#49
Dibromochloromethane
Concen: 52.156 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

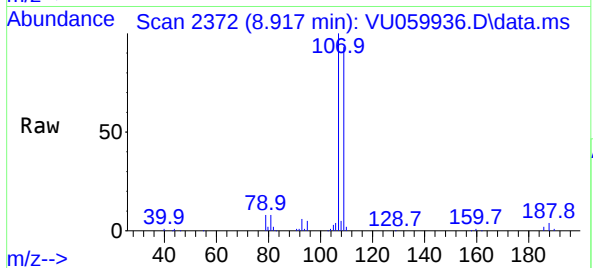
Tgt Ion:129 Resp: 114855
Ion Ratio Lower Upper
129 100
127 77.0 54.0 100.2



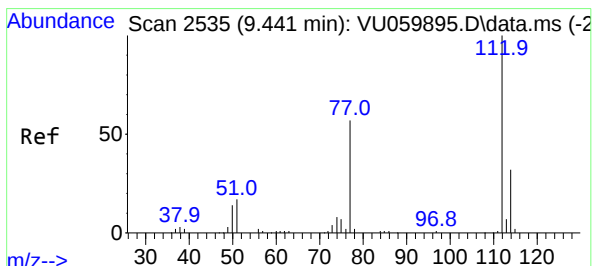
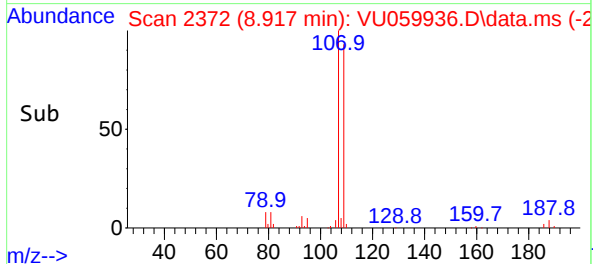
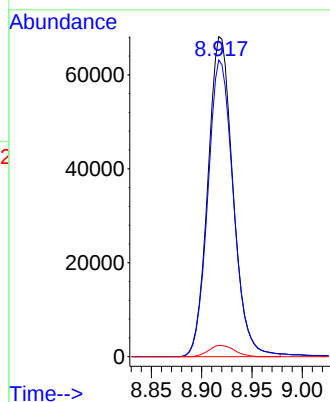


#50
1,2-Dibromoethane
Concen: 50.727 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Instrument :
MSVOA_U
ClientSampleId :

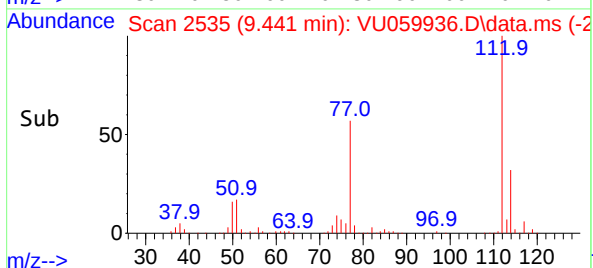
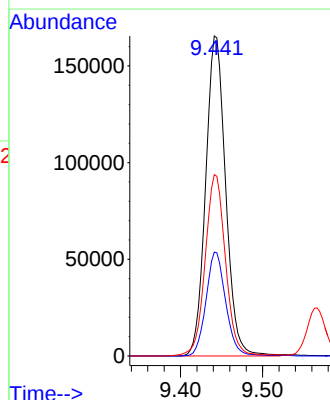
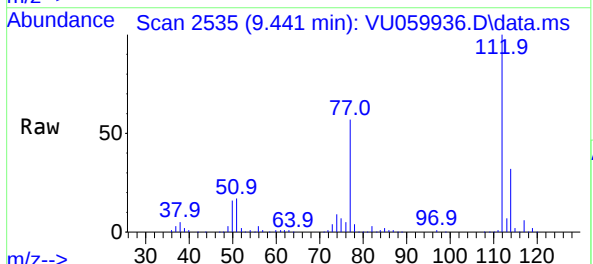


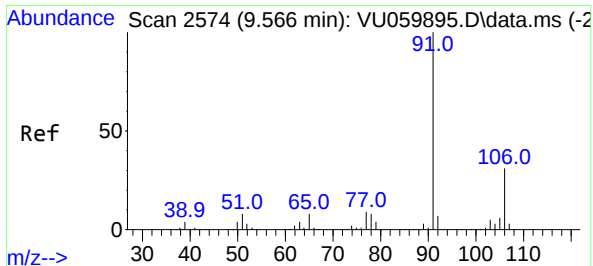
Tgt Ion:107 Resp: 118539
Ion Ratio Lower Upper
107 100
109 92.7 65.5 121.6
188 3.5 3.0 4.4



#51
Chlorobenzene
Concen: 49.854 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion:112 Resp: 280138
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.3
77 56.7 45.8 68.6





#52

Ethylbenzene

Concen: 50.007 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU059936.D

Acq: 15 Jul 2024 08:48

Instrument :

MSVOA_U

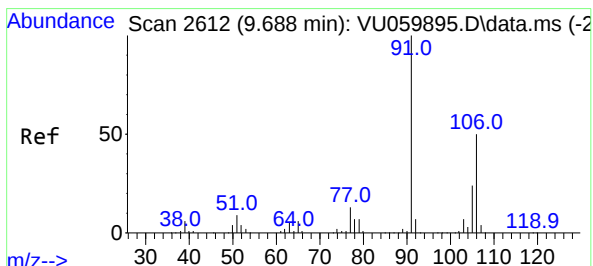
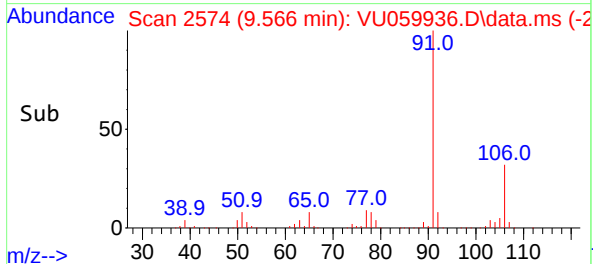
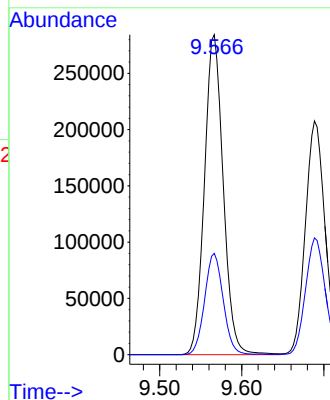
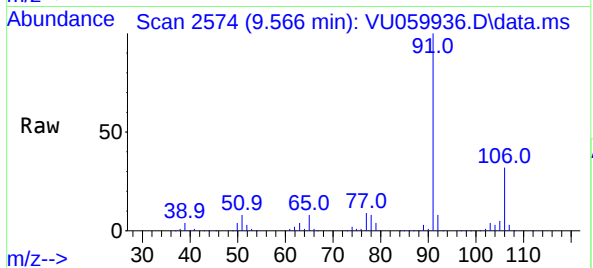
ClientSampleId :

Tgt Ion: 91 Resp: 452006

Ion Ratio Lower Upper

91 100

106 31.6 22.4 41.6



#53

m,p-Xylene

Concen: 50.030 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU059936.D

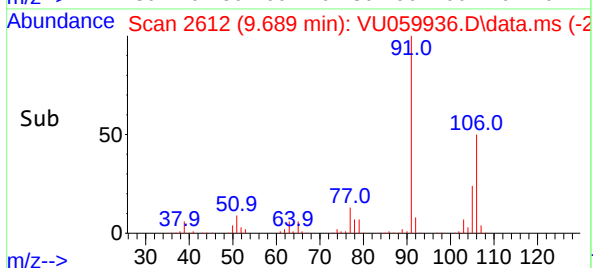
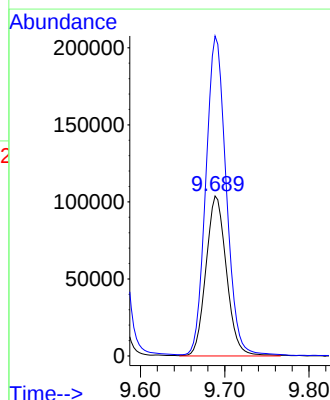
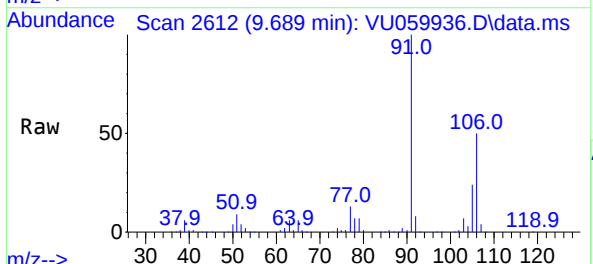
Acq: 15 Jul 2024 08:48

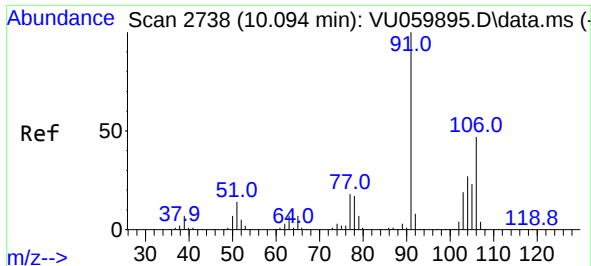
Tgt Ion:106 Resp: 176076

Ion Ratio Lower Upper

106 100

91 200.0 140.9 261.7

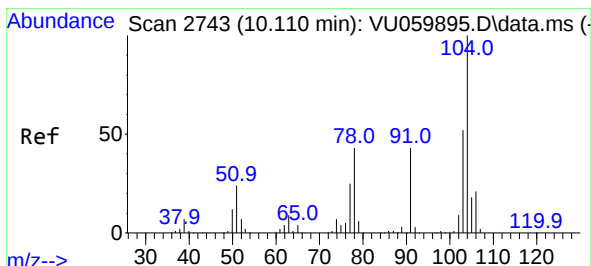
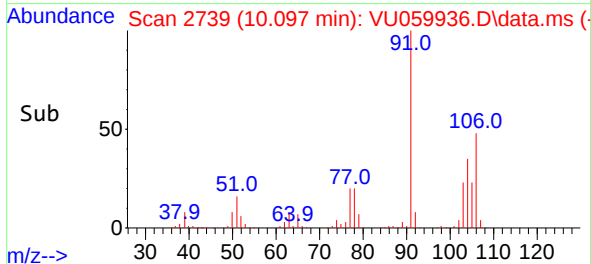
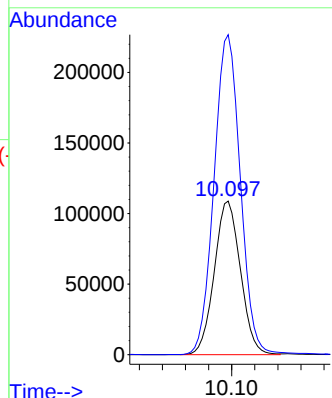
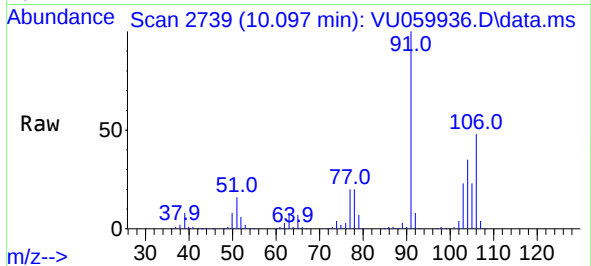




#54
o-Xylene
Concen: 50.573 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

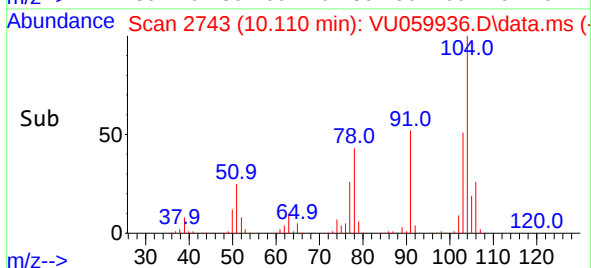
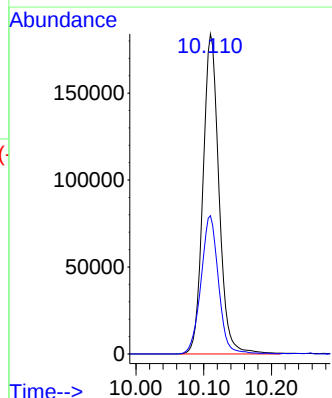
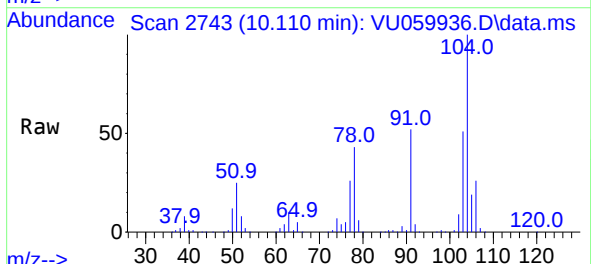
Instrument :
MSVOA_U
ClientSampleId :

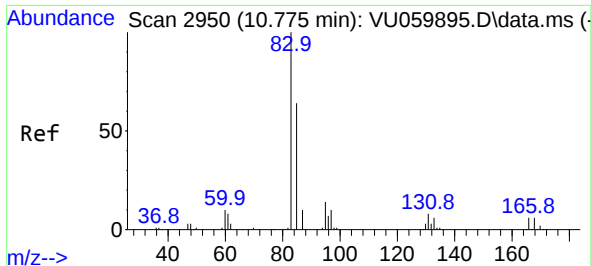
Tgt Ion:106 Resp: 171153
Ion Ratio Lower Upper
106 100
91 208.3 147.4 273.8



#55
Styrene
Concen: 52.767 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion:104 Resp: 301278
Ion Ratio Lower Upper
104 100
78 43.2 30.9 57.5

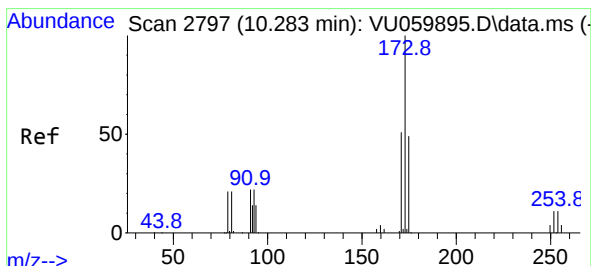
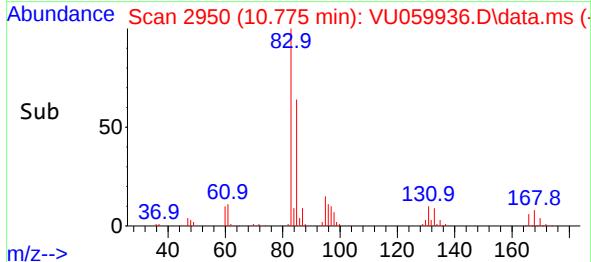
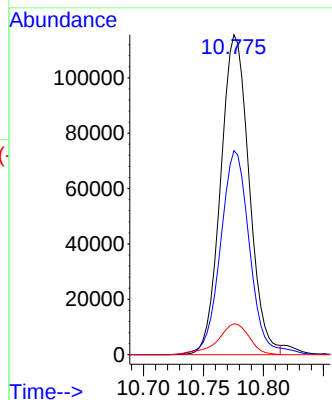
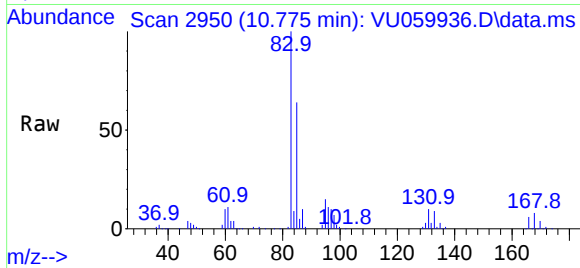




#57
1,1,2,2-Tetrachloroethane
Concen: 50.623 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

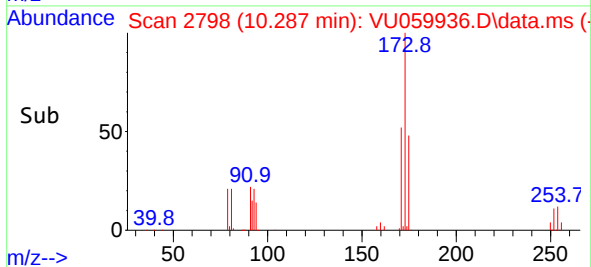
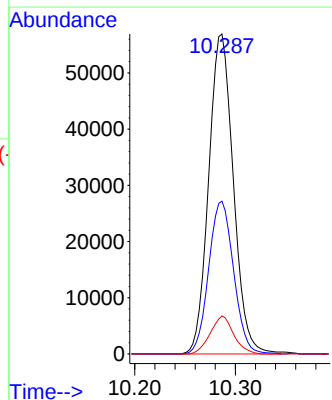
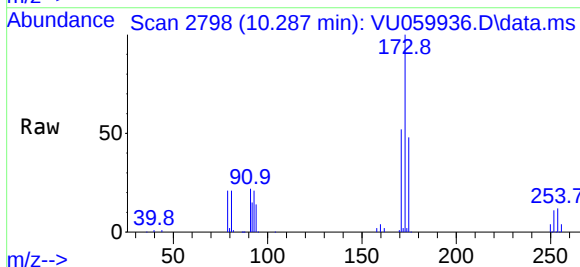
Instrument :
MSVOA_U
ClientSampleId :

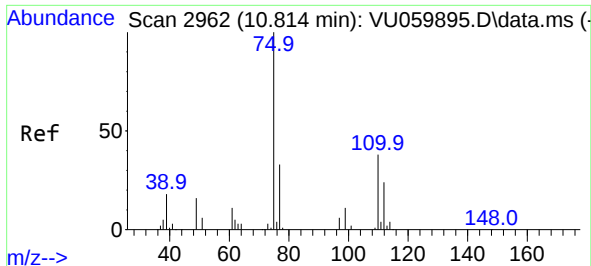
Tgt Ion: 83 Resp: 190803
Ion Ratio Lower Upper
83 100
85 63.8 45.4 84.2
131 9.7 7.5 11.3



#59
Bromoform
Concen: 51.877 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion:173 Resp: 96987
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.2
254 11.3 9.0 13.4

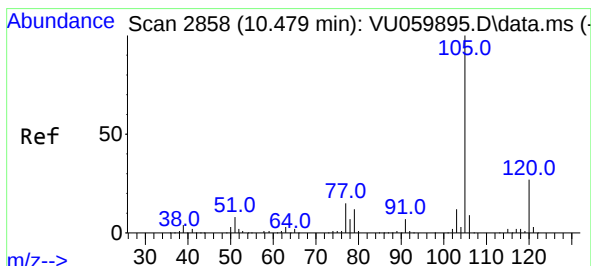
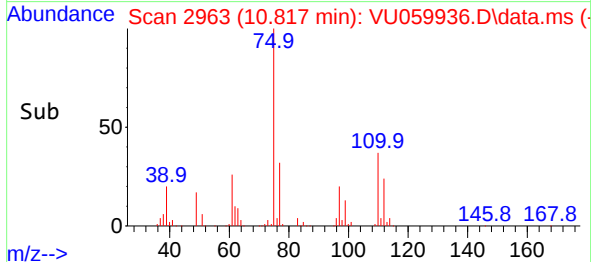
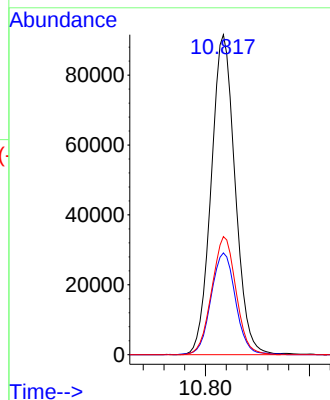
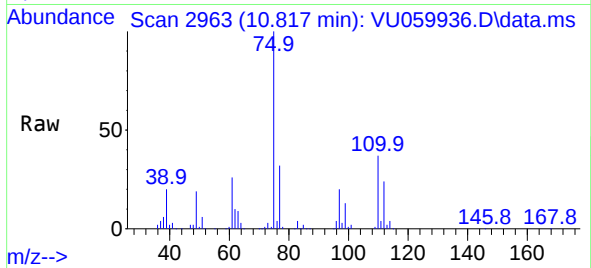




#60
1,2,3-Trichloropropane
Concen: 49.869 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

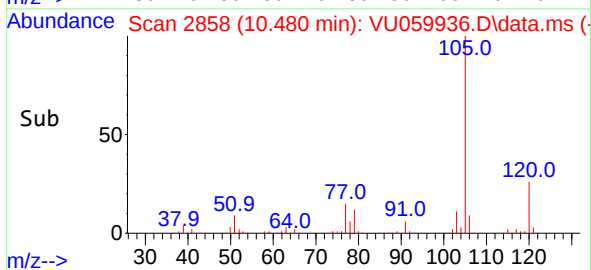
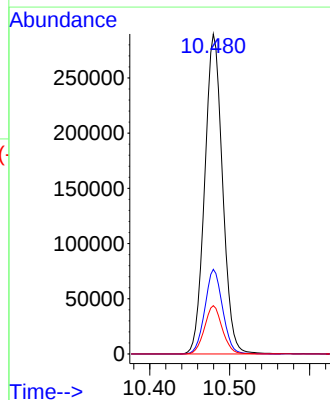
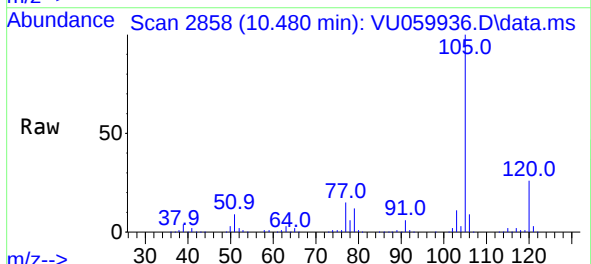
Instrument :
MSVOA_U
ClientSampleId :

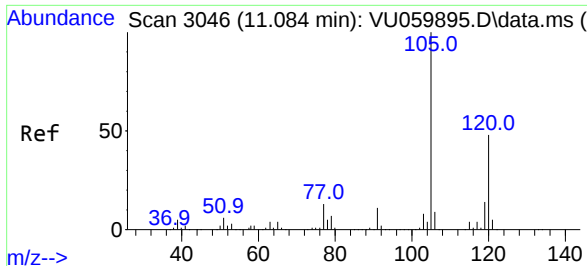
Tgt Ion: 75 Resp: 146339
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
110 37.4 30.7 46.1



#61
Isopropylbenzene
Concen: 49.906 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion: 105 Resp: 449811
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 15.1 12.1 18.1

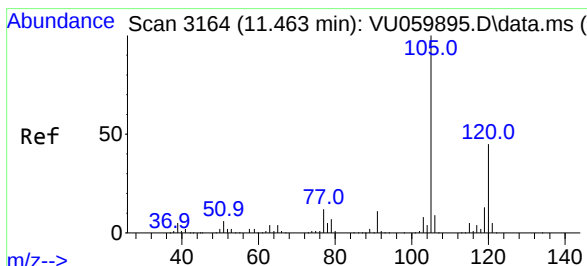
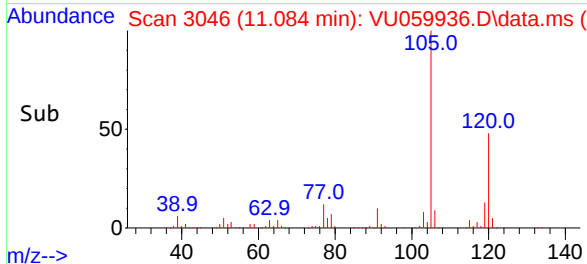
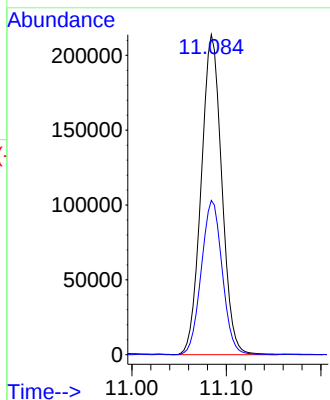
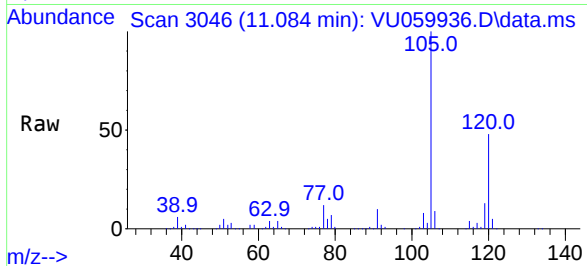




#62
1,3,5-Trimethylbenzene
Concen: 49.015 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

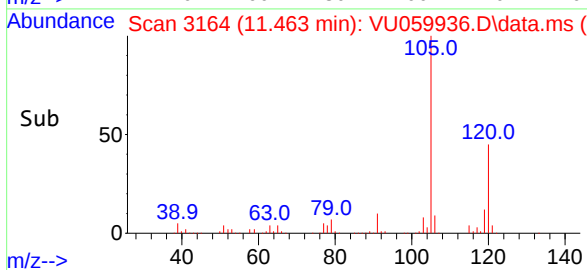
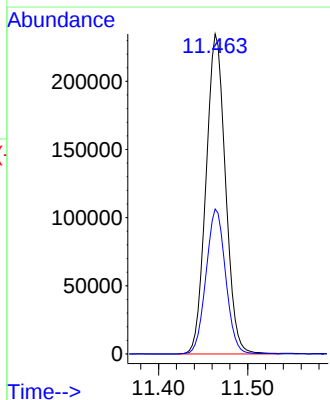
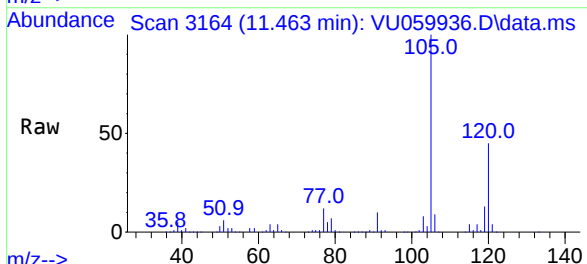
Instrument :
MSVOA_U
ClientSampleId :

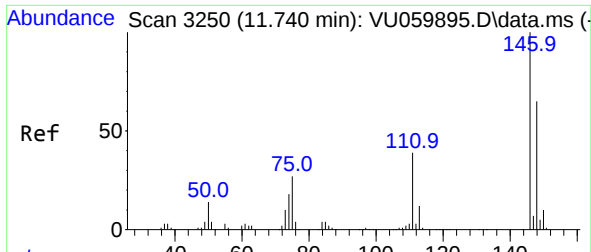
Tgt Ion:105 Resp: 323405
Ion Ratio Lower Upper
105 100
120 49.0 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 50.341 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

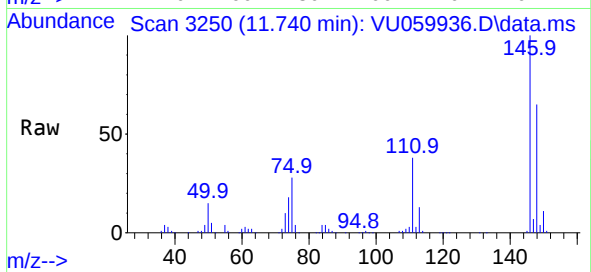
Tgt Ion:105 Resp: 355785
Ion Ratio Lower Upper
105 100
120 45.5 37.0 55.6



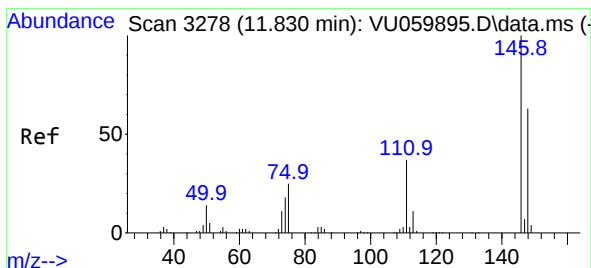
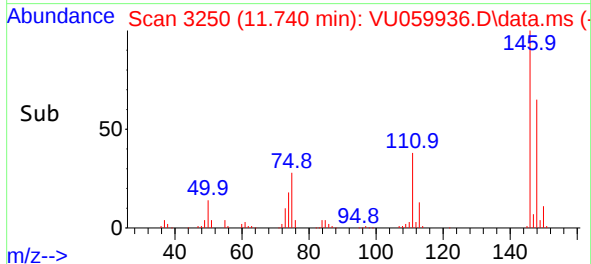
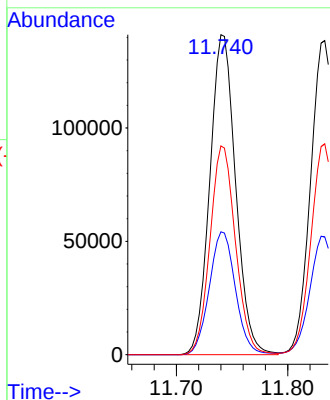


#64
1,3-Dichlorobenzene
Concen: 48.666 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Instrument :
MSVOA_U
ClientSampleId :

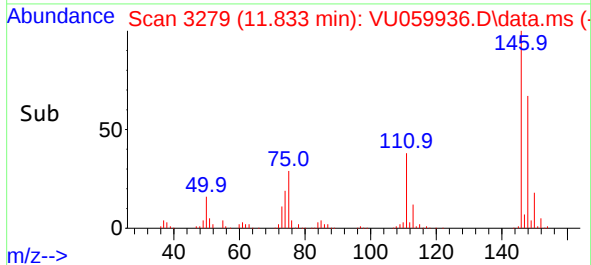
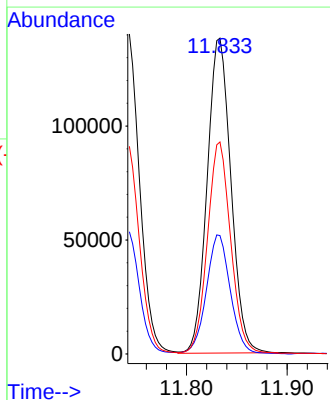
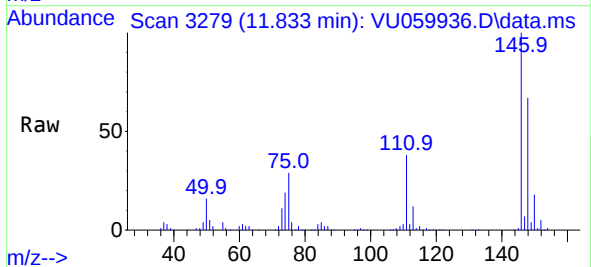


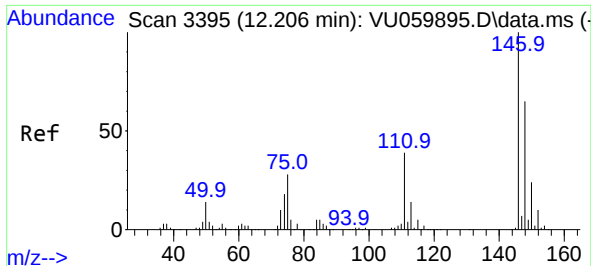
Tgt Ion:146 Resp: 227482
Ion Ratio Lower Upper
146 100
111 38.4 26.5 49.1
148 65.2 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 46.950 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion:146 Resp: 226870
Ion Ratio Lower Upper
146 100
111 37.5 25.9 48.1
148 67.2 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 48.752 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU059936.D

Acq: 15 Jul 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

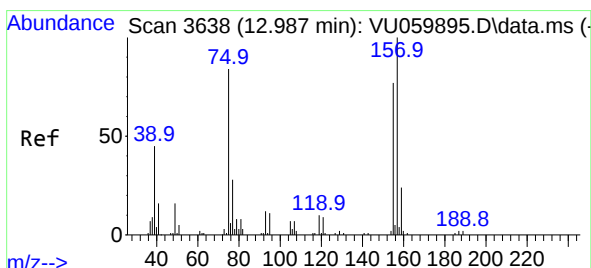
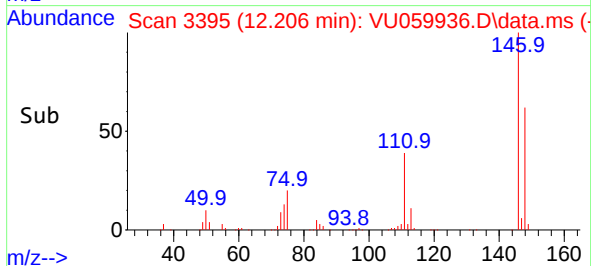
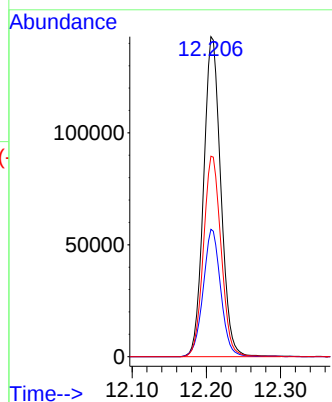
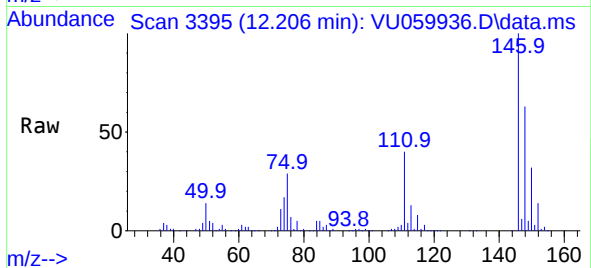
Tgt Ion:146 Resp: 230208

Ion Ratio Lower Upper

146 100

111 39.8 31.7 47.5

148 62.7 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 52.413 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU059936.D

Acq: 15 Jul 2024 08:48

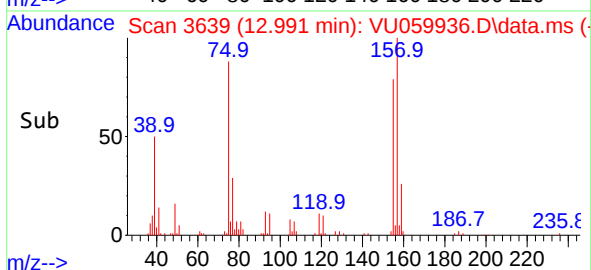
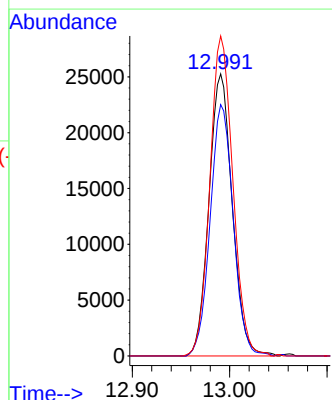
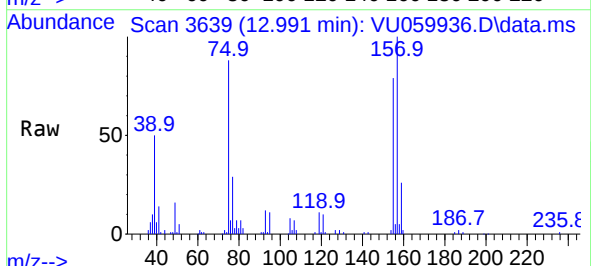
Tgt Ion: 75 Resp: 42062

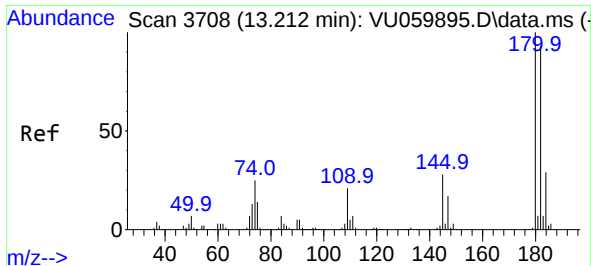
Ion Ratio Lower Upper

75 100

155 89.1 73.5 110.3

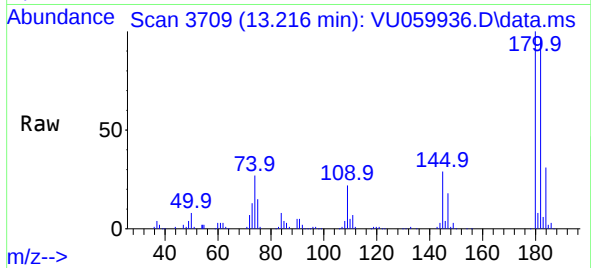
157 113.4 93.5 140.3



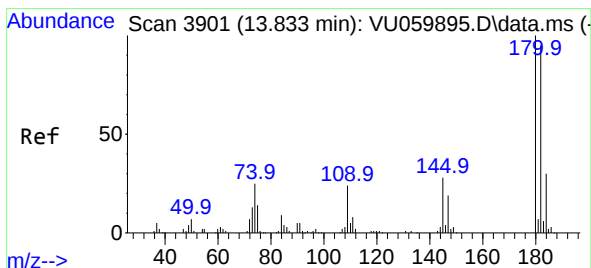
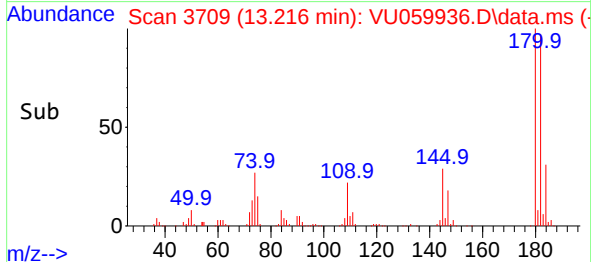
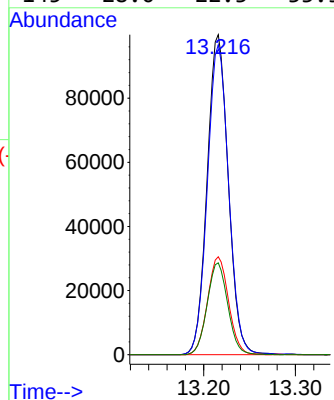


#69
 1,3,5-Trichlorobenzene
 Concen: 47.407 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU059936.D
 Acq: 15 Jul 2024 08:48

Instrument :
 MSVOA_U
 ClientSampleId :

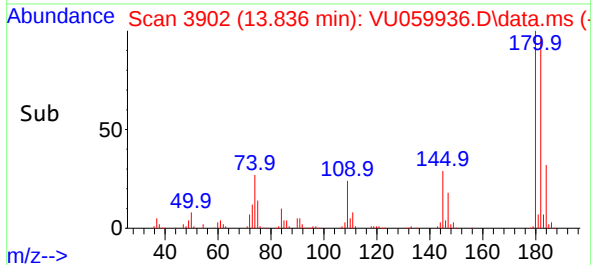
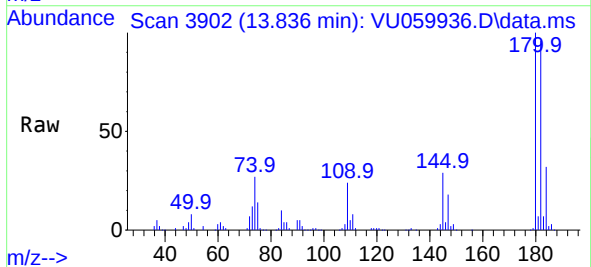
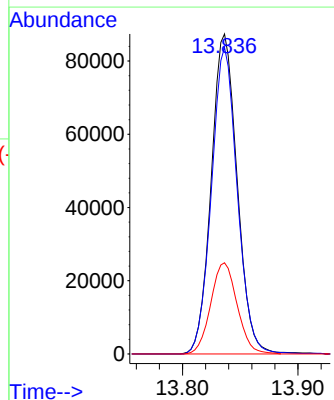


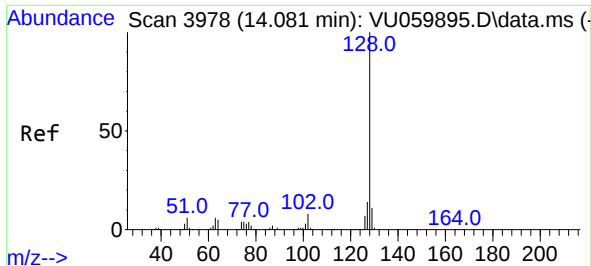
Tgt Ion:180 Resp: 159768
 Ion Ratio Lower Upper
 180 100
 182 97.5 75.8 113.8
 184 30.5 24.7 37.1
 145 28.0 22.3 33.5



#70
 1,2,4-trichlorobenzene
 Concen: 44.748 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU059936.D
 Acq: 15 Jul 2024 08:48

Tgt Ion:180 Resp: 135923
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.4 114.6
 145 29.1 23.0 34.4



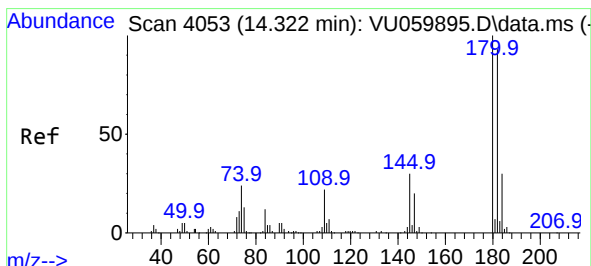
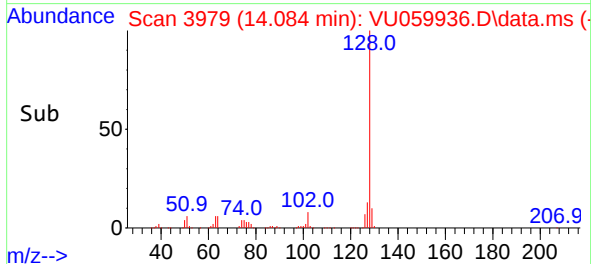
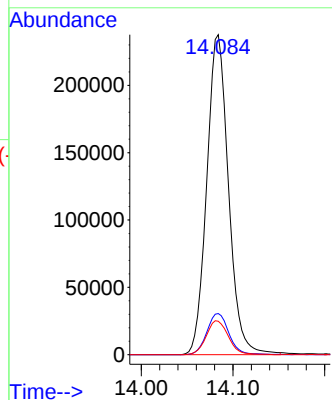
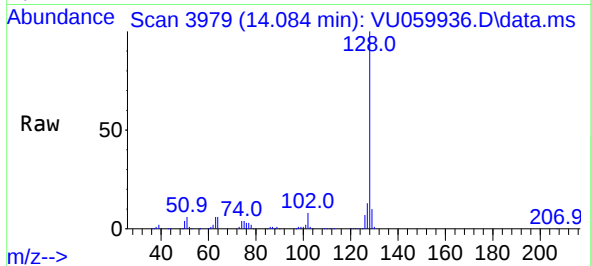


#71
Naphthalene
Concen: 44.636 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 391813

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 46.506 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU059936.D
Acq: 15 Jul 2024 08:48

Tgt Ion:180 Resp: 141732

Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.8
145	29.7	24.5	36.7

