

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071024\
 Data File : VU059890.D
 Acq On : 10 Jul 2024 08:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 01:50:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 09 02:28:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	158596	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158077	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	41323	3.747	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.907	69	38993	3.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.560	65	15430	3.373	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.624	46	131394	57.842	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.680%
24) Chloroform-d	5.055	84	98360	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	46680	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.721	84	176364	4.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.685	67	60257	4.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.891	98	156965	3.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.174	79	21509	5.153	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.627	63	108425	62.512	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56548	5.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	64077	4.262	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	60822	4.526	ug/L	98
3) Chloromethane	1.515	50	67073	4.637	ug/L	100
5) Vinyl chloride	1.599	62	77190	4.831	ug/L	100
6) Bromomethane	1.853	94	45873	4.129	ug/L	98
8) Chloroethane	1.930	64	49662	5.159	ug/L	100
9) Trichlorofluoromethane	2.132	101	98901	5.142	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	65376	5.369	ug/L	94
12) 1,1-Dichloroethene	2.573	96	58737	5.222	ug/L	80
13) Acetone	2.637	43	87232	59.198	ug/L	94
14) Carbon disulfide	2.785	76	179381	4.780	ug/L	99
15) Methyl Acetate	2.952	43	18604	4.784	ug/L #	83
16) Methylene chloride	3.036	84	69251	5.196	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	131539	5.427	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	60114	5.139	ug/L	89
19) 1,1-Dichloroethane	3.859	63	115672	5.362	ug/L	97
21) 2-Butanone	4.705	43	131283	55.546	ug/L	90
22) cis-1,2-Dichloroethene	4.656	96	69932	5.424	ug/L	94
23) Bromochloromethane	4.968	128	32639	5.553	ug/L	86
25) Chloroform	5.078	83	122096	5.374	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071024\
 Data File : VU059890.D
 Acq On : 10 Jul 2024 08:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

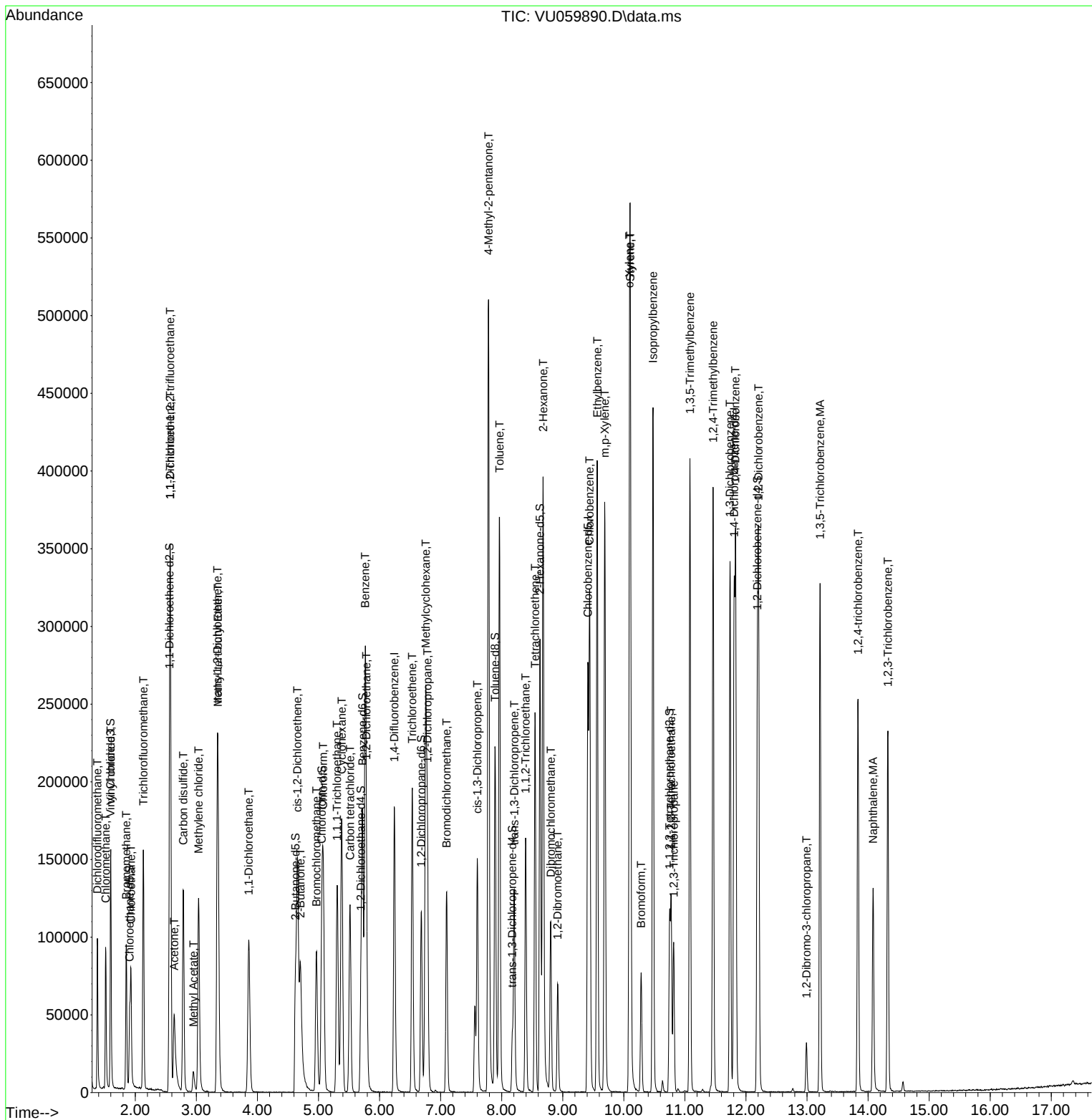
Instrument :
 MSVOA_U
 ClientSampleId :

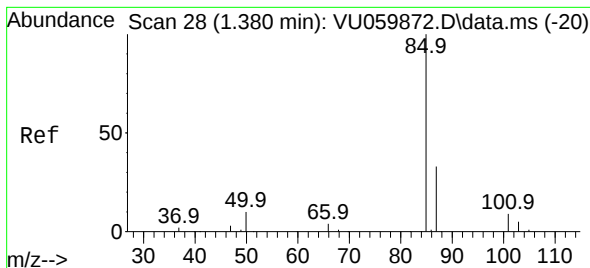
Quant Time: Jul 11 01:50:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 09 02:28:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	70215	5.100	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	97472	5.340	ug/L	98
30) Cyclohexane	5.380	56	84329	5.233	ug/L	93
31) Carbon tetrachloride	5.518	117	83783	5.482	ug/L	100
33) Benzene	5.766	78	264455	5.509	ug/L	100
34) Trichloroethene	6.537	95	69959	5.381	ug/L	97
35) Methylcyclohexane	6.756	83	96801	5.233	ug/L	95
37) 1,2-Dichloropropane	6.785	63	69701	5.611	ug/L #	96
38) Bromodichloromethane	7.097	83	87322	5.631	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	94493	5.562	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	313545	54.470	ug/L #	93
42) Toluene	7.965	91	287937	5.666	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	77947	5.716	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	52548	5.740	ug/L	99
47) Tetrachloroethene	8.547	164	57133	5.663	ug/L	94
48) 2-Hexanone	8.679	43	235294	57.274	ug/L #	93
49) Dibromochloromethane	8.804	129	58842	5.803	ug/L	96
50) 1,2-Dibromoethane	8.917	107	48274	5.710	ug/L	97
51) Chlorobenzene	9.441	112	181128	5.619	ug/L	96
52) Ethylbenzene	9.566	91	286108	5.488	ug/L	96
53) m,p-Xylene	9.688	106	114239	5.705	ug/L	97
54) o-Xylene	10.094	106	108454	5.707	ug/L	94
55) Styrene	10.110	104	188732	5.834	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	63100	5.682	ug/L	97
59) Bromoform	10.283	173	36019	5.572	ug/L #	99
60) Isopropylbenzene	10.479	105	290074	5.560	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	42242	5.412	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	220370	5.331	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	215275	5.447	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	146667	5.527	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	146909	5.378	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	136500	5.466	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.991	75	8476	5.567	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.216	180	108324	5.514	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	83378	5.533	ug/L	96
71) Naphthalene	14.084	128	115791	5.369	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	77083	5.509	ug/L	97

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

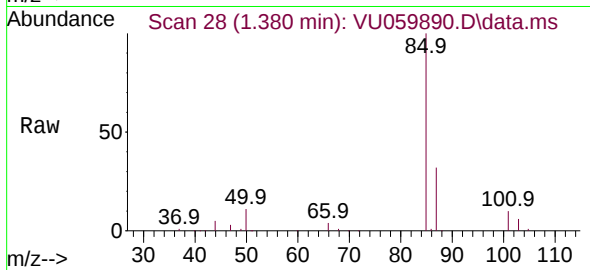
Quant Time: Jul 11 01:50:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 09 02:28:04 2024
Response via : Initial Calibration



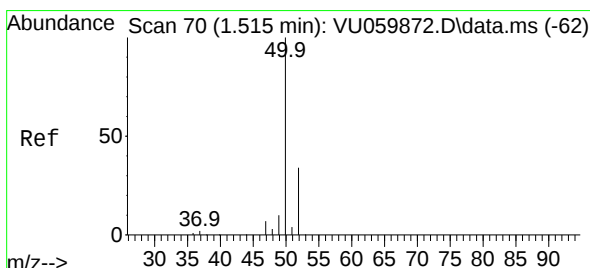
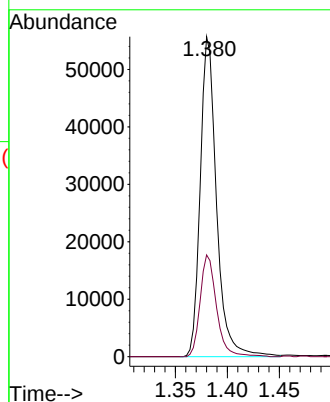
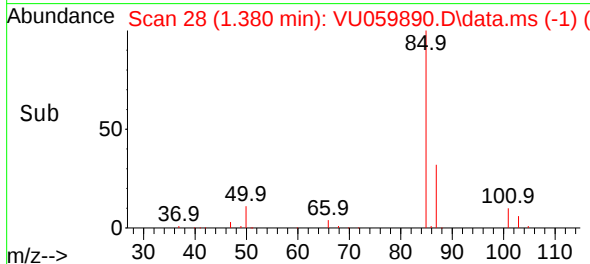


#2
 Dichlorodifluoromethane
 Concen: 4.526 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU059890.D
 Acq: 10 Jul 2024 08:30

Instrument :
 MSVOA_U
 ClientSampleId :

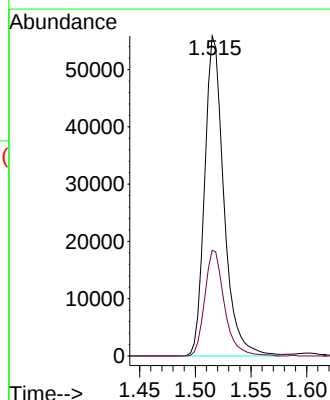
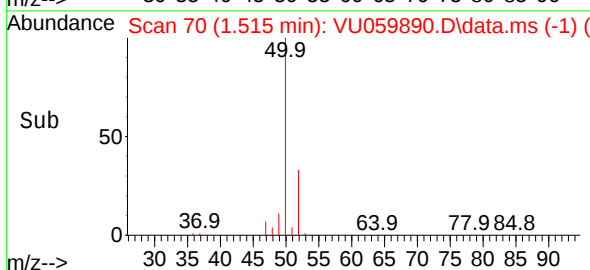
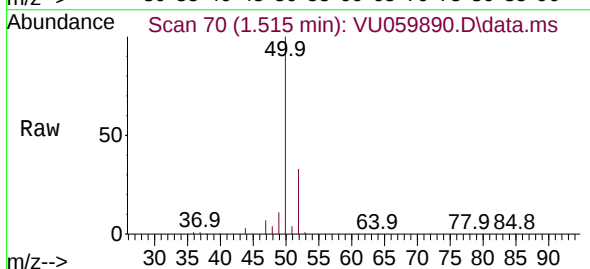


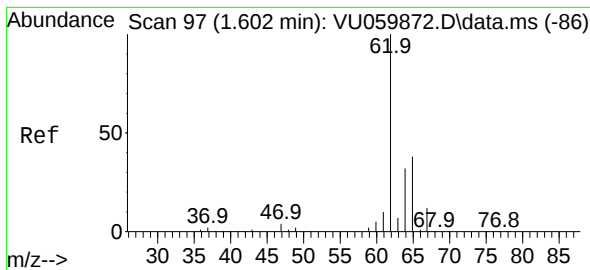
Tgt Ion: 85 Resp: 60822
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.6 40.0



#3
 Chloromethane
 Concen: 4.637 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU059890.D
 Acq: 10 Jul 2024 08:30

Tgt Ion: 50 Resp: 67073
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.0





#5

Vinyl chloride

Concen: 4.831 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

Instrument :

MSVOA_U

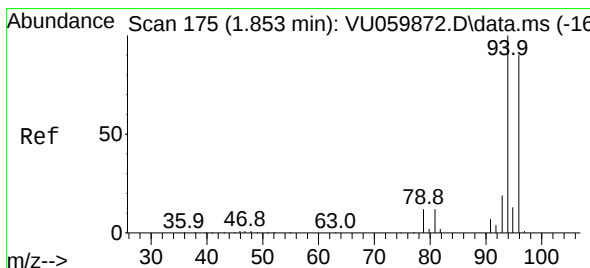
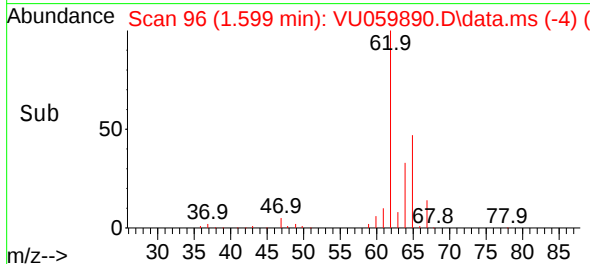
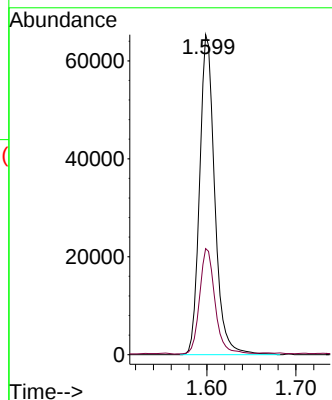
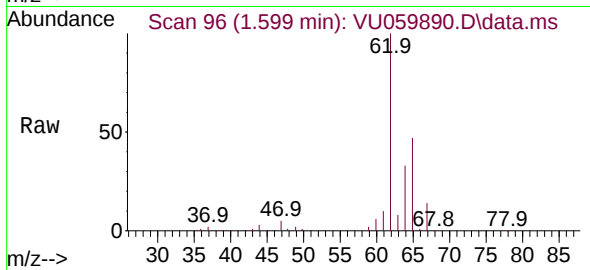
ClientSampleId :

Tgt Ion: 62 Resp: 77190

Ion Ratio Lower Upper

62 100

64 33.2 23.1 42.9



#6

Bromomethane

Concen: 4.129 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU059890.D

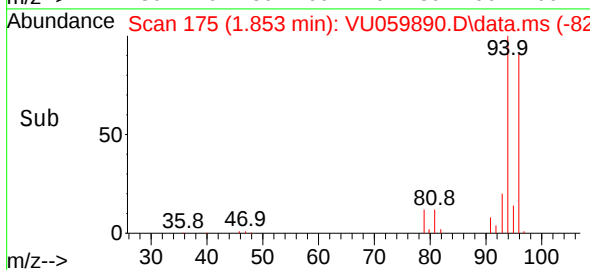
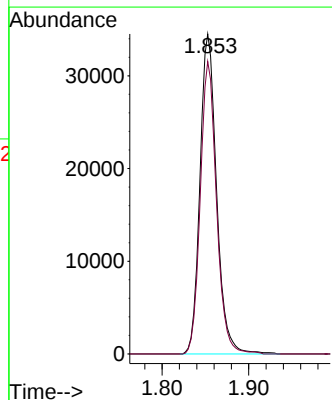
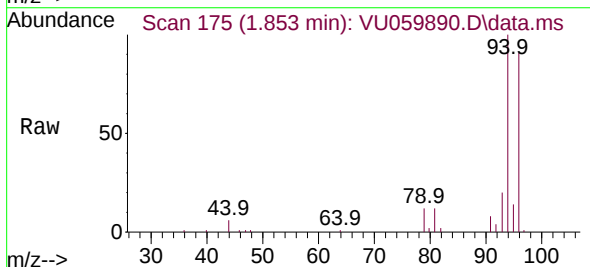
Acq: 10 Jul 2024 08:30

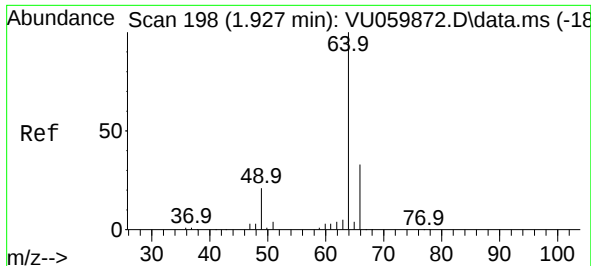
Tgt Ion: 94 Resp: 45873

Ion Ratio Lower Upper

94 100

96 91.4 62.9 116.9

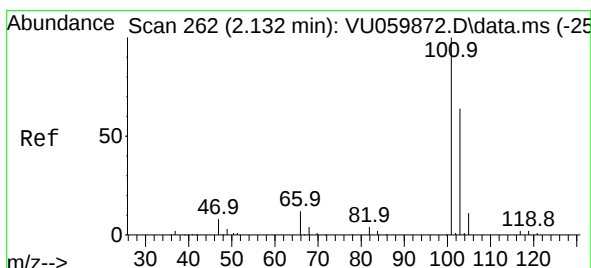
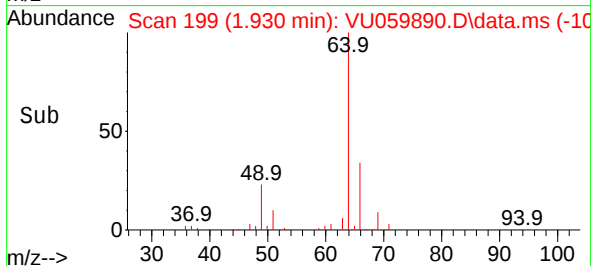
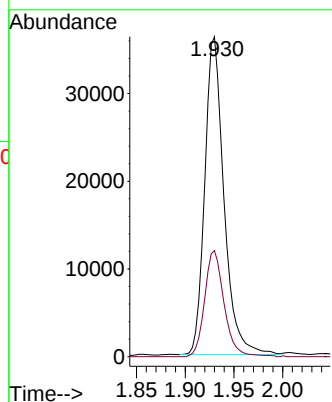
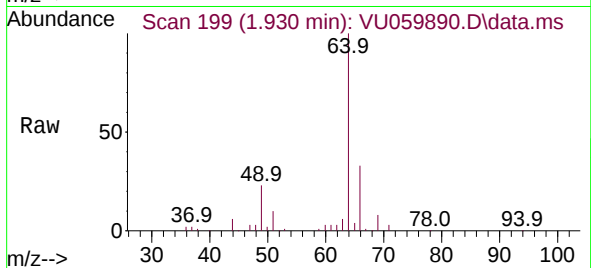




#8
Chloroethane
Concen: 5.159 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

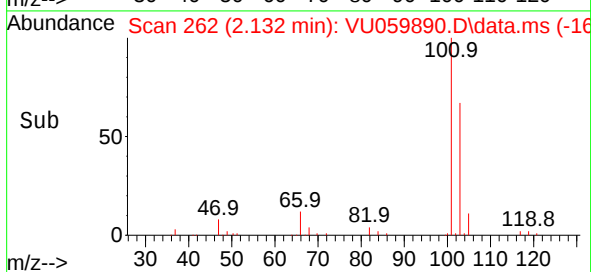
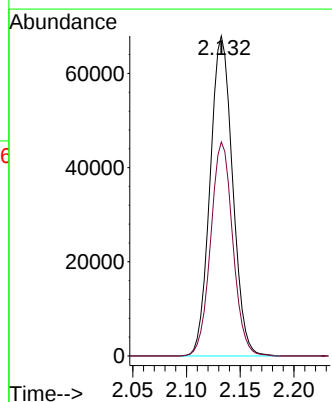
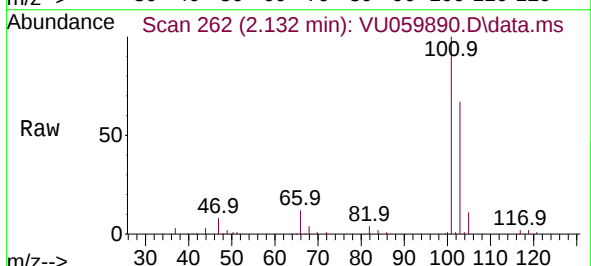
Instrument :
MSVOA_U
ClientSampleId :

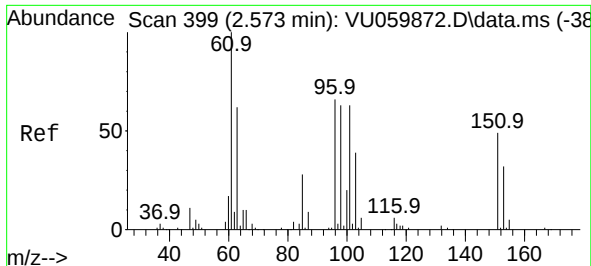
Tgt Ion: 64 Resp: 49662
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.142 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Tgt Ion:101 Resp: 98901
Ion Ratio Lower Upper
101 100
103 65.7 52.6 79.0

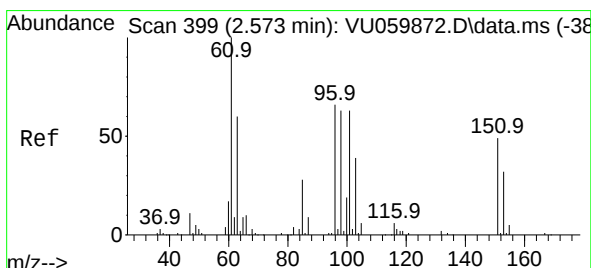
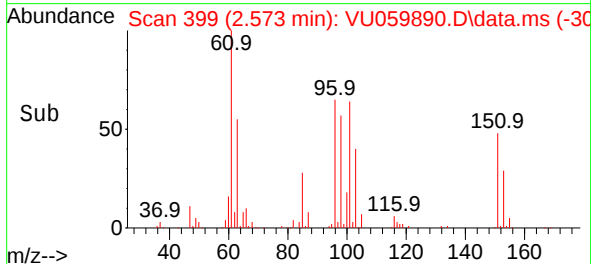
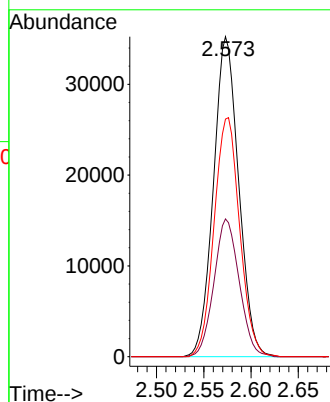
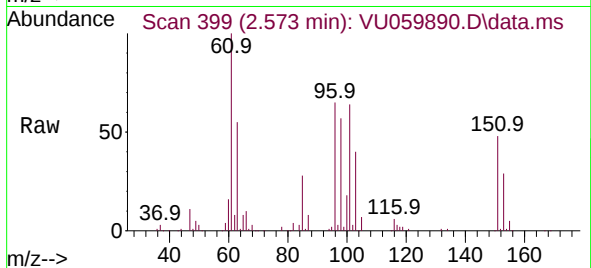




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.369 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

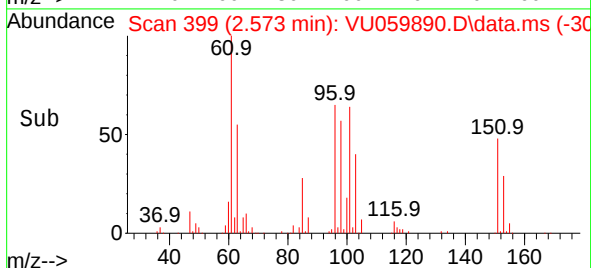
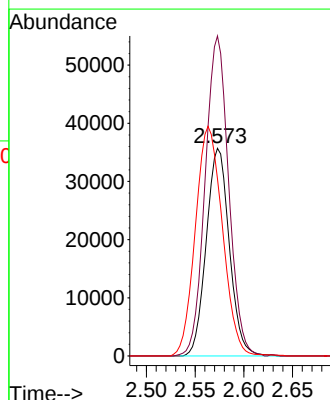
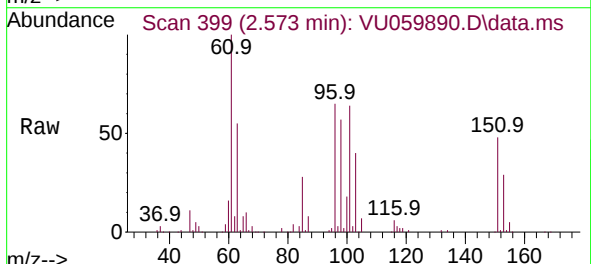
Instrument :
MSVOA_U
ClientSampleId :

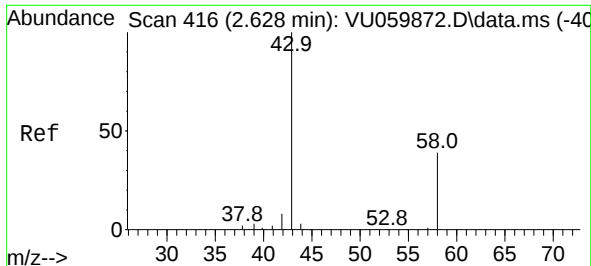
Tgt Ion:101 Resp: 65376
Ion Ratio Lower Upper
101 100
85 43.1 36.2 54.4
151 75.7 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.222 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Tgt Ion: 96 Resp: 58737
Ion Ratio Lower Upper
96 100
61 154.0 122.9 228.3
63 85.2 80.4 149.4





#13

Acetone

Concen: 59.198 ug/L

RT: 2.637 min Scan# 416

Delta R.T. 0.010 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

Instrument :

MSVOA_U

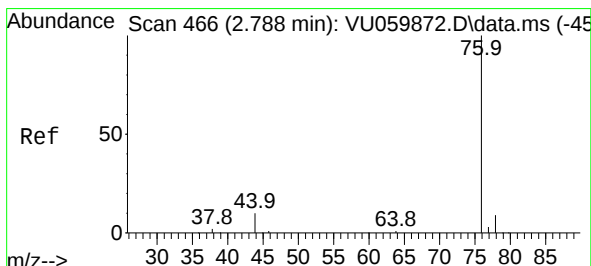
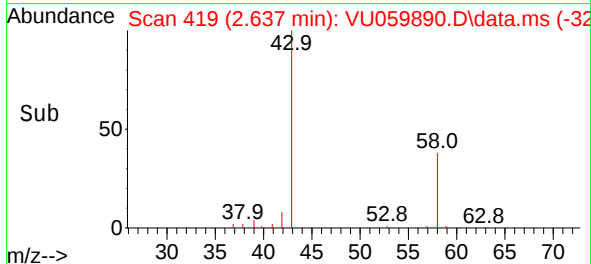
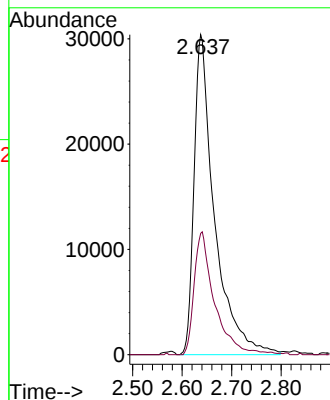
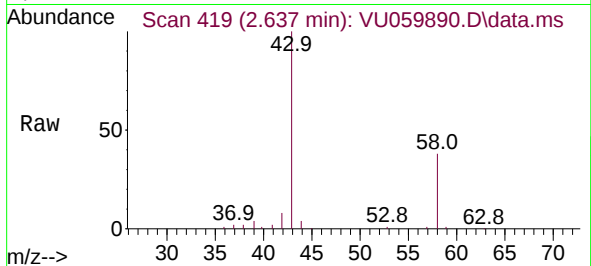
ClientSampleId :

Tgt Ion: 43 Resp: 87232

Ion Ratio Lower Upper

43 100

58 37.3 0.0 68.0



#14

Carbon disulfide

Concen: 4.780 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059890.D

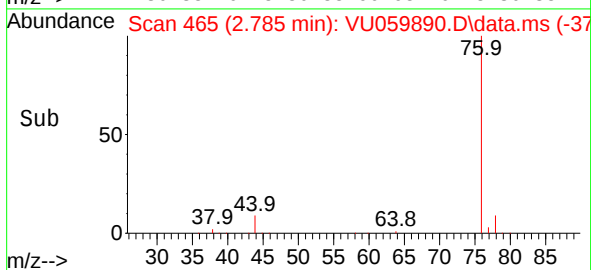
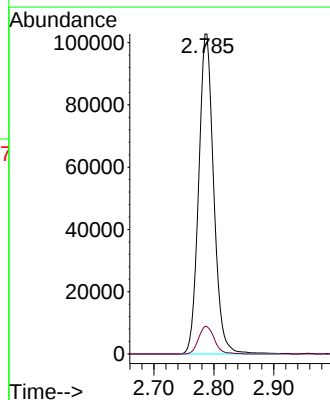
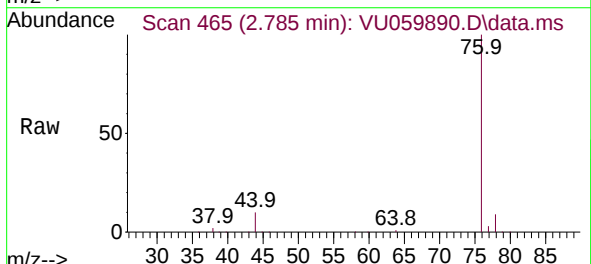
Acq: 10 Jul 2024 08:30

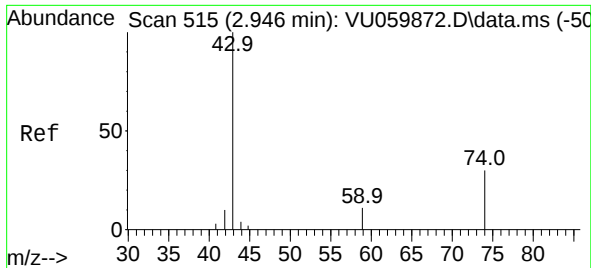
Tgt Ion: 76 Resp: 179381

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9





#15

Methyl Acetate

Concen: 4.784 ug/L

RT: 2.952 min Scan# 515

Delta R.T. 0.006 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

Instrument :

MSVOA_U

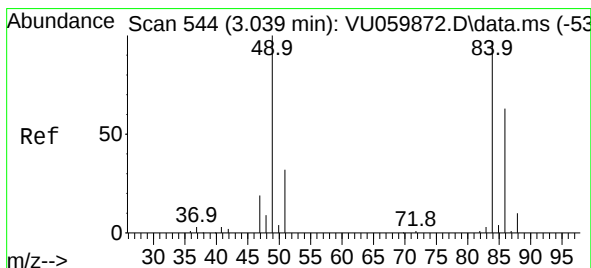
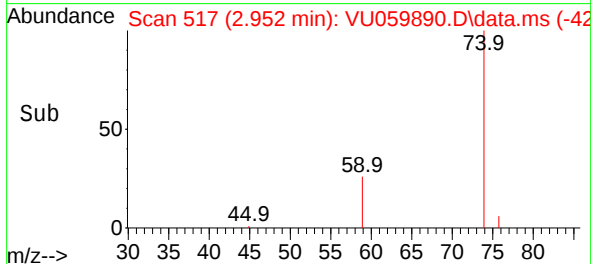
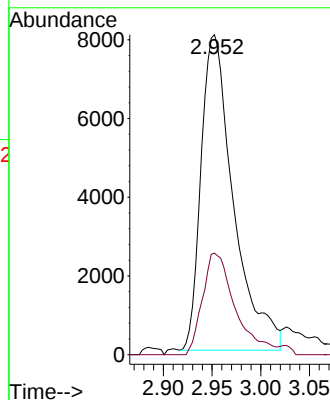
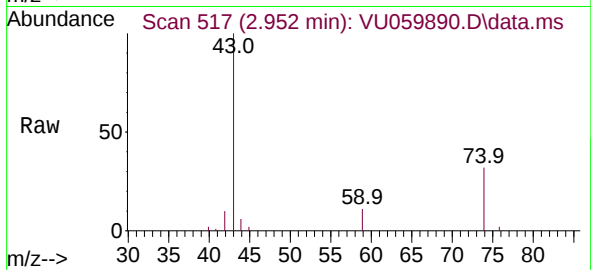
ClientSampleId :

Tgt Ion: 43 Resp: 18604

Ion Ratio Lower Upper

43 100

74 32.5 19.2 28.8#



#16

Methylene chloride

Concen: 5.196 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

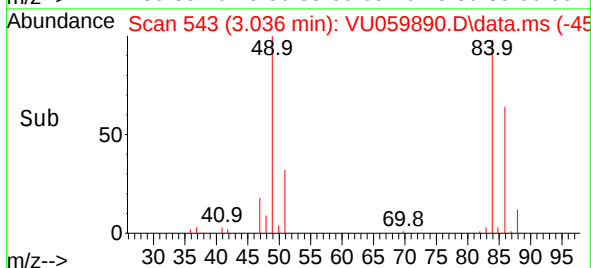
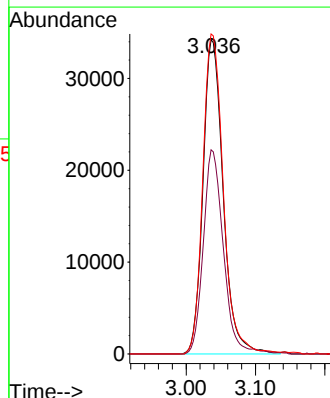
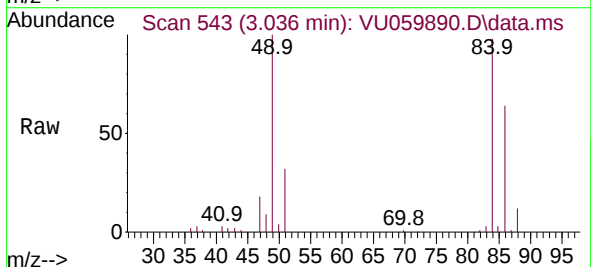
Tgt Ion: 84 Resp: 69251

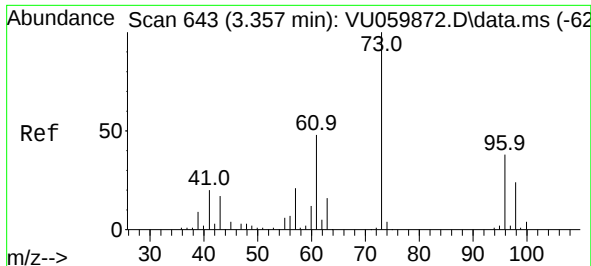
Ion Ratio Lower Upper

84 100

86 65.0 42.1 78.1

49 101.8 80.6 149.8

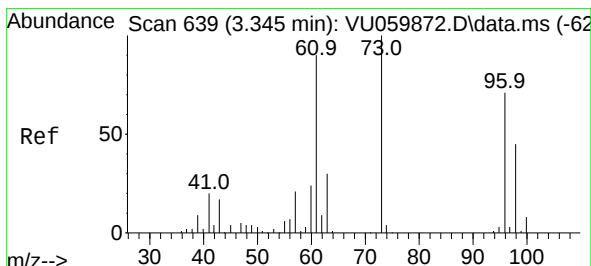
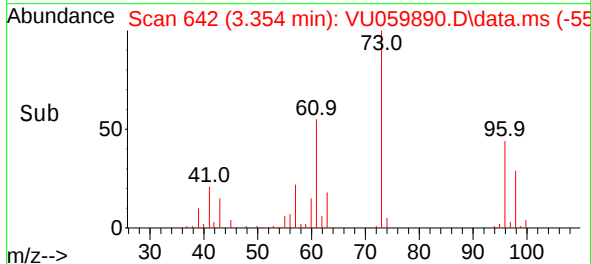
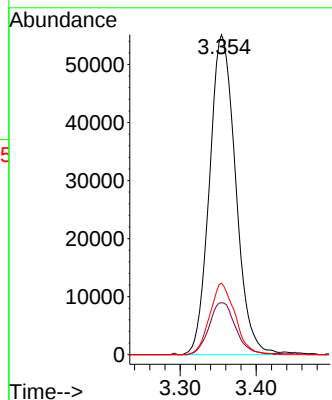
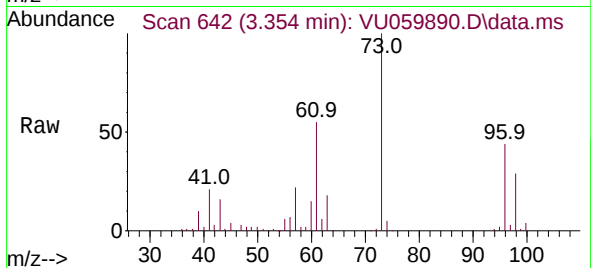




#17
Methyl tert-butyl Ether
Concen: 5.427 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

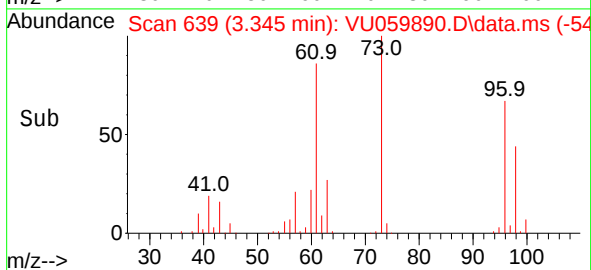
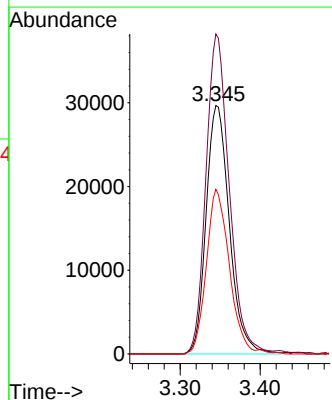
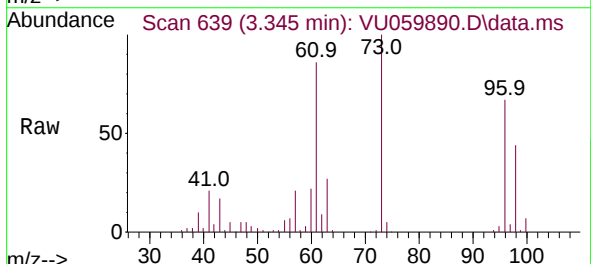
Instrument :
MSVOA_U
ClientSampleId :

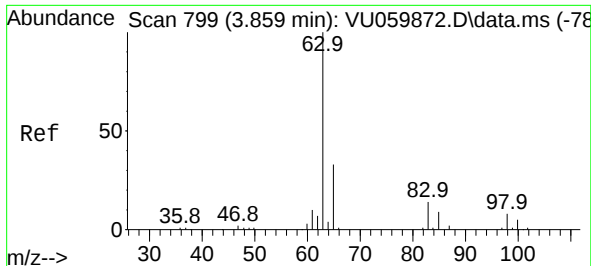
Tgt Ion: 73 Resp: 131539
Ion Ratio Lower Upper
73 100
43 16.5 14.9 22.3
57 21.7 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.139 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Tgt Ion: 96 Resp: 60114
Ion Ratio Lower Upper
96 100
61 128.8 101.8 189.0
98 66.3 43.3 80.5

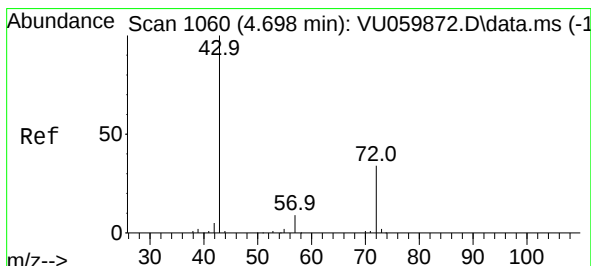
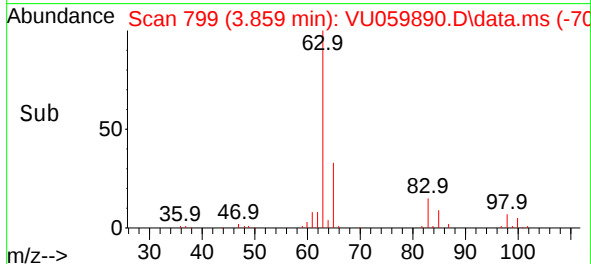
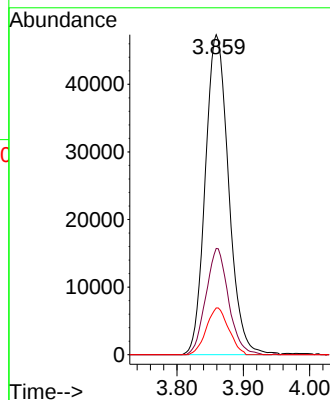
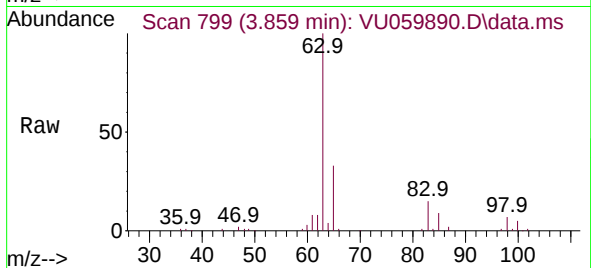




#19
1,1-Dichloroethane
Concen: 5.362 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

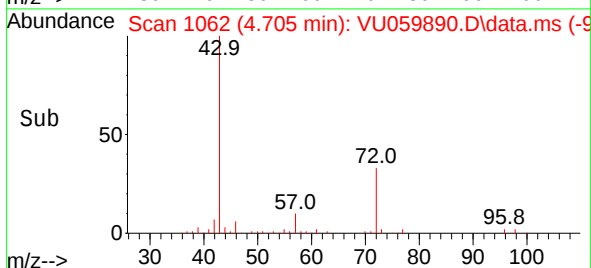
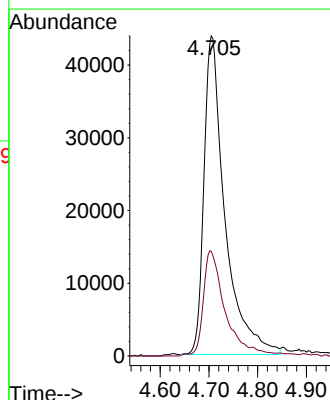
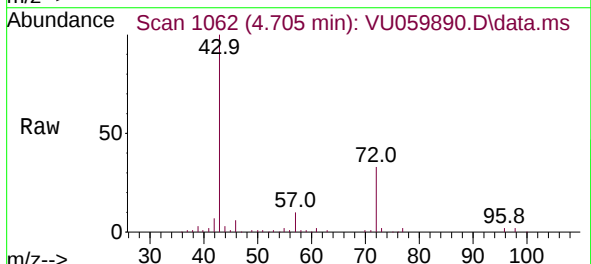
Instrument :
MSVOA_U
ClientSampleId :

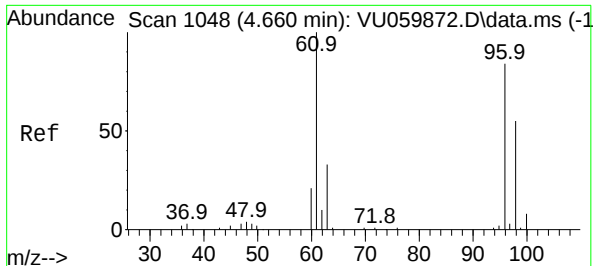
Tgt Ion: 63 Resp: 115672
Ion Ratio Lower Upper
63 100
65 33.2 21.8 40.6
83 14.6 9.9 18.5



#21
2-Butanone
Concen: 55.546 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Tgt Ion: 43 Resp: 131283
Ion Ratio Lower Upper
43 100
72 32.7 13.8 41.4

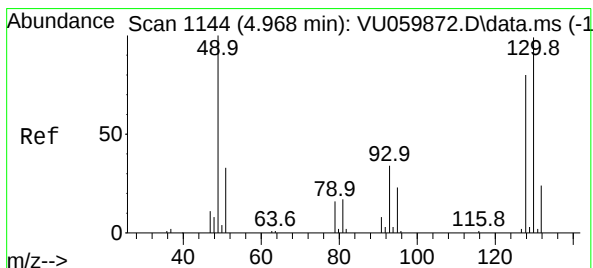
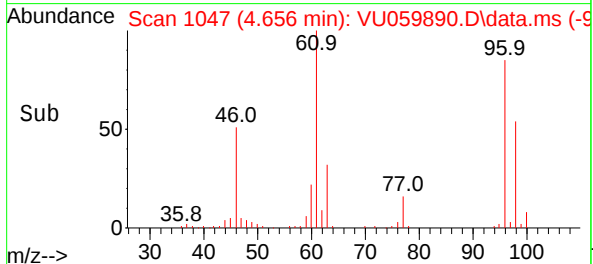
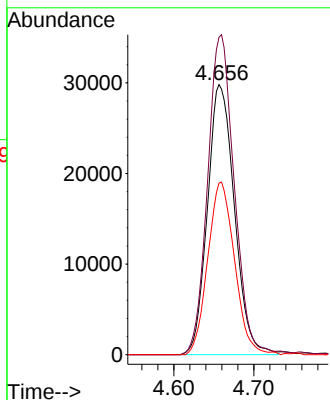
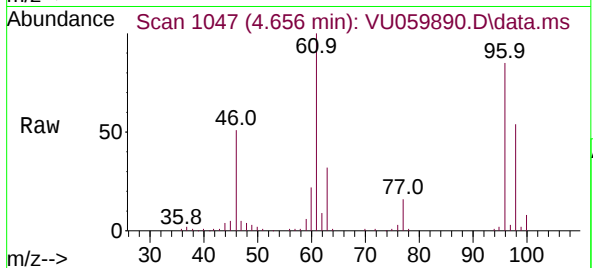




#22
cis-1,2-Dichloroethene
Concen: 5.424 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

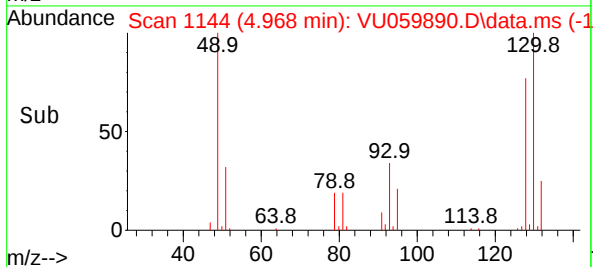
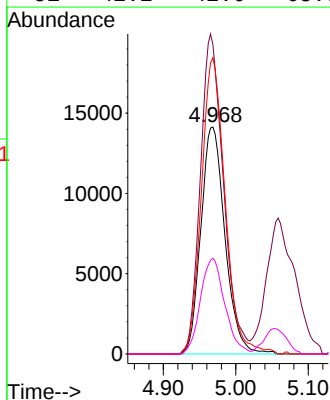
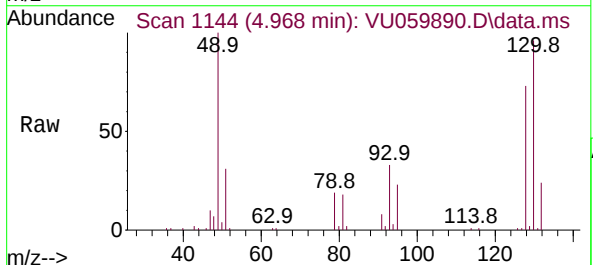
Instrument :
MSVOA_U
ClientSampleId :

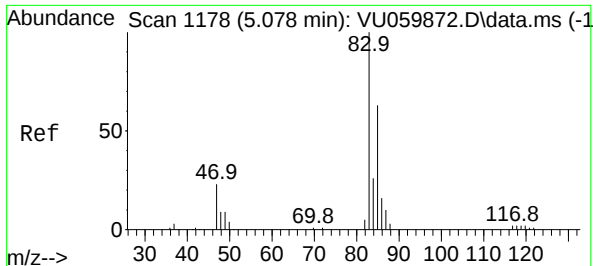
Tgt Ion: 96 Resp: 69932
Ion Ratio Lower Upper
96 100
61 117.5 87.4 162.2
98 63.5 42.3 78.5



#23
Bromochloromethane
Concen: 5.553 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Tgt Ion:128 Resp: 32639
Ion Ratio Lower Upper
128 100
49 136.3 117.0 217.4
130 130.6 89.6 166.4
51 42.2 42.0 63.0

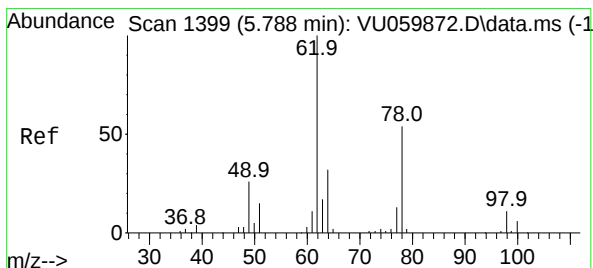
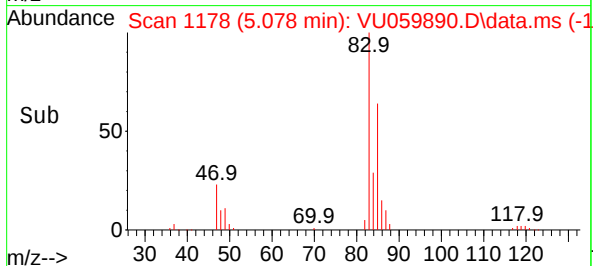
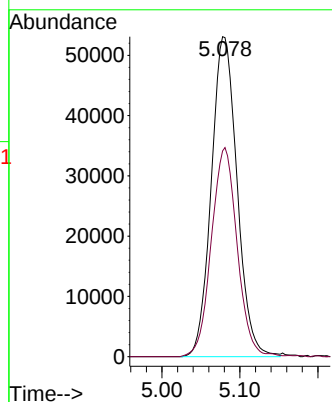
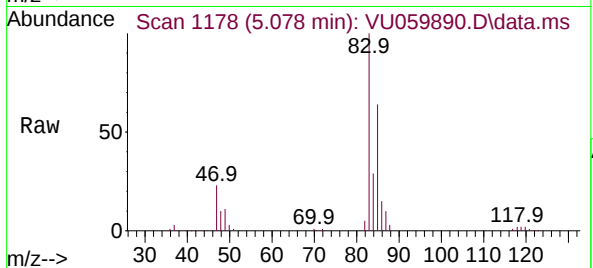




#25
Chloroform
Concen: 5.374 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

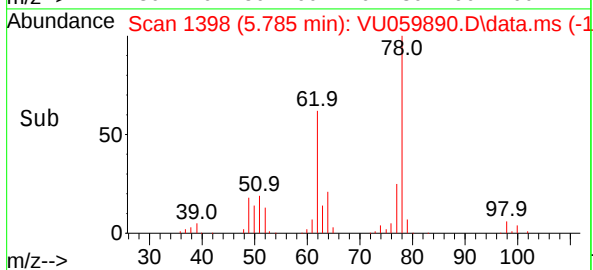
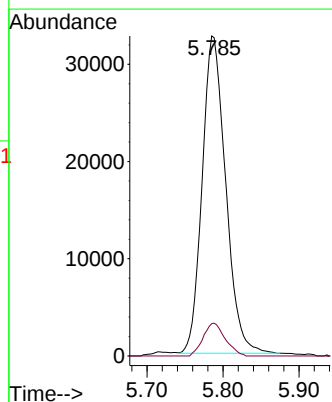
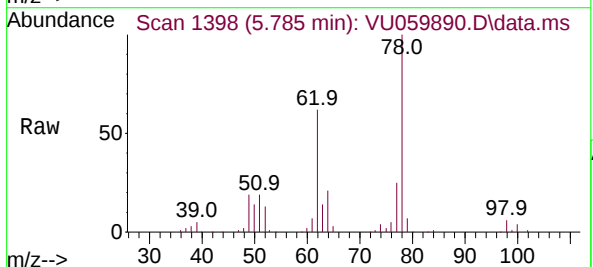
Instrument :
MSVOA_U
ClientSampleId :

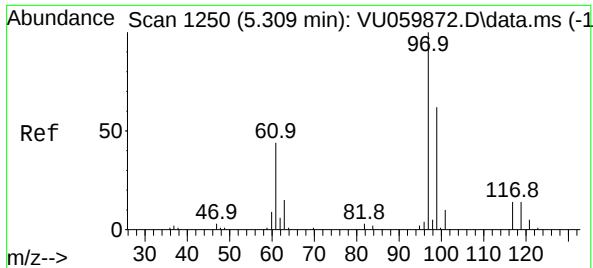
Tgt Ion: 83 Resp: 122096
Ion Ratio Lower Upper
83 100
85 64.3 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.100 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Tgt Ion: 62 Resp: 70215
Ion Ratio Lower Upper
62 100
98 10.1 7.5 11.3

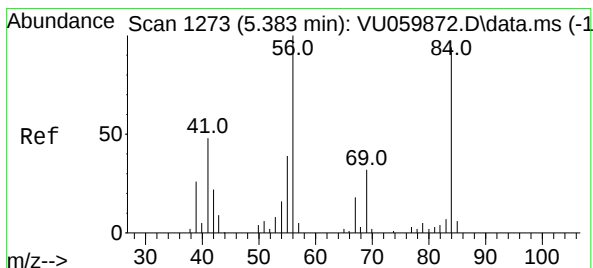
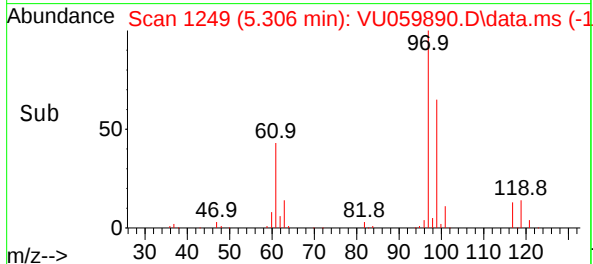
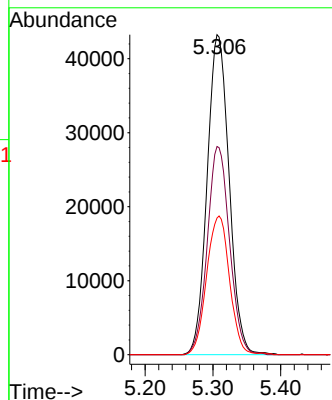
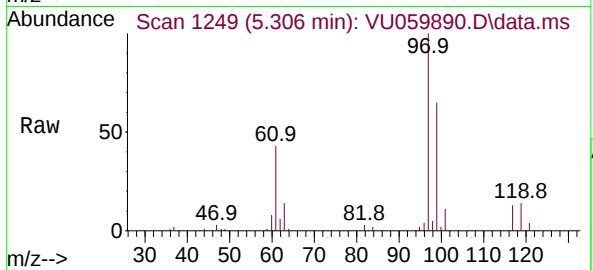




#29
1,1,1-Trichloroethane
Concen: 5.340 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

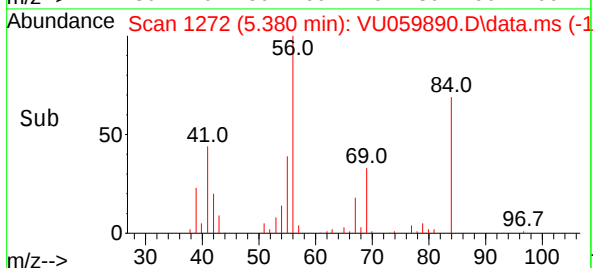
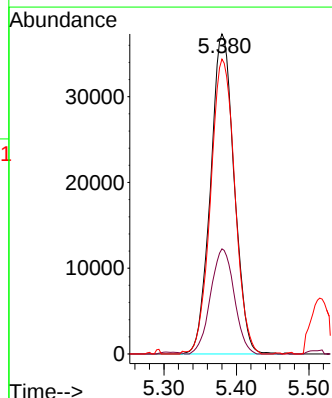
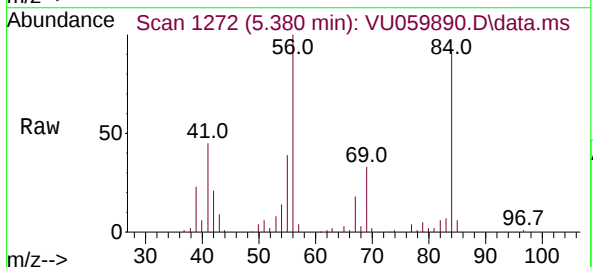
Instrument :
MSVOA_U
ClientSampleId :

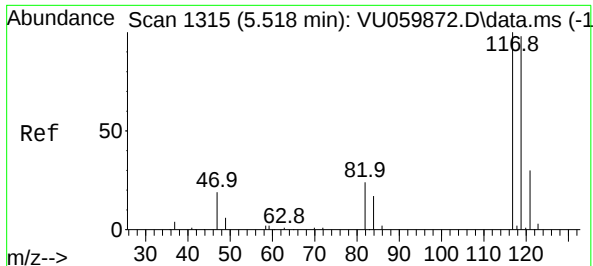
Tgt Ion: 97 Resp: 97472
Ion Ratio Lower Upper
97 100
99 65.9 51.8 77.6
61 45.0 37.4 56.2



#30
Cyclohexane
Concen: 5.233 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Tgt Ion: 56 Resp: 84329
Ion Ratio Lower Upper
56 100
69 32.9 24.8 37.2
84 94.4 69.8 104.8

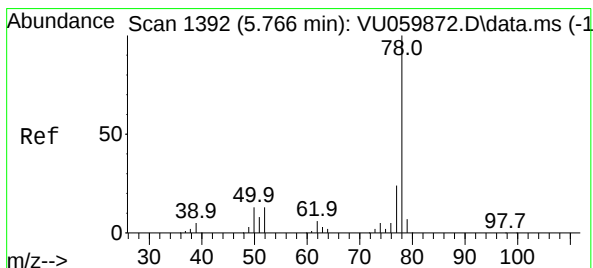
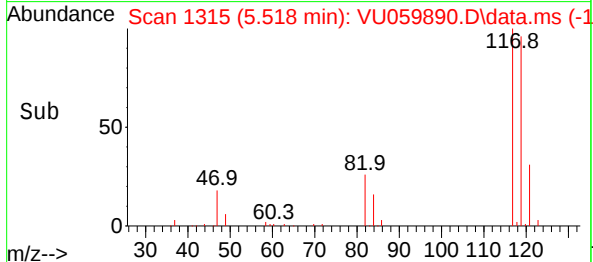
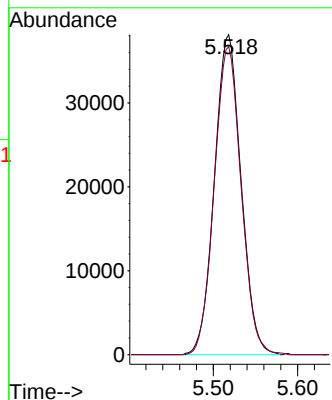
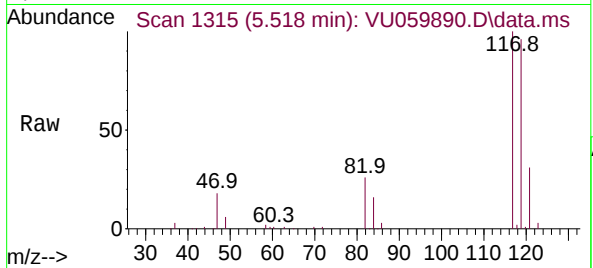




#31
Carbon tetrachloride
Concen: 5.482 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

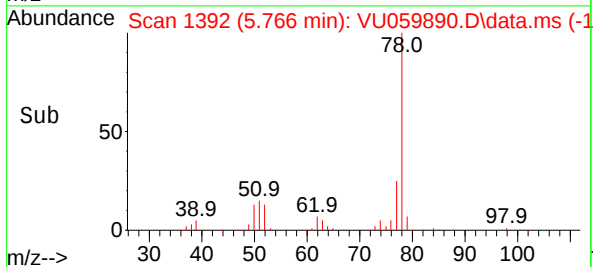
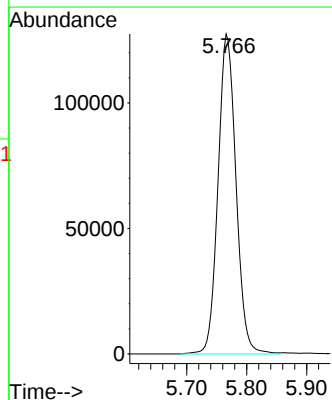
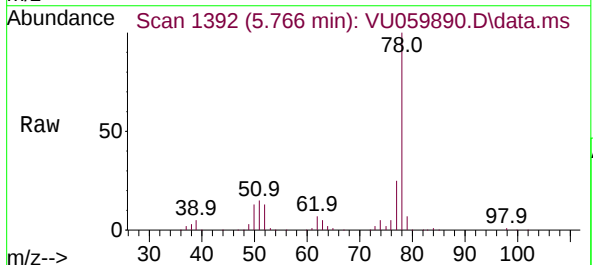
Instrument :
MSVOA_U
ClientSampleId :

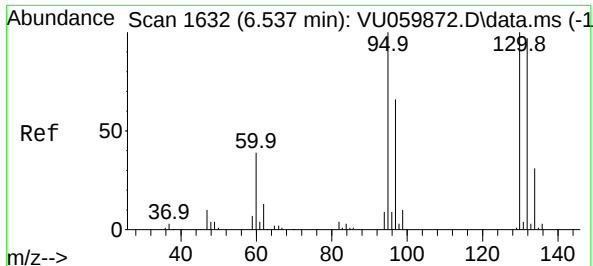
Tgt Ion:117 Resp: 83783
Ion Ratio Lower Upper
117 100
119 96.8 77.5 116.3



#33
Benzene
Concen: 5.509 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

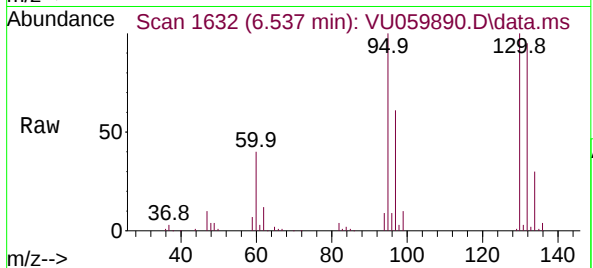
Tgt Ion: 78 Resp: 264455



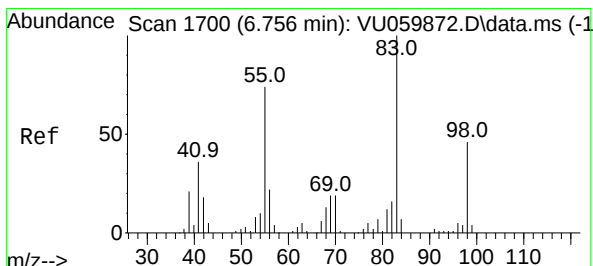
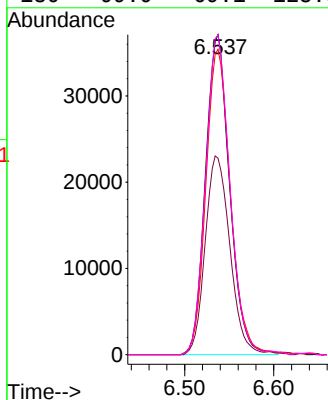
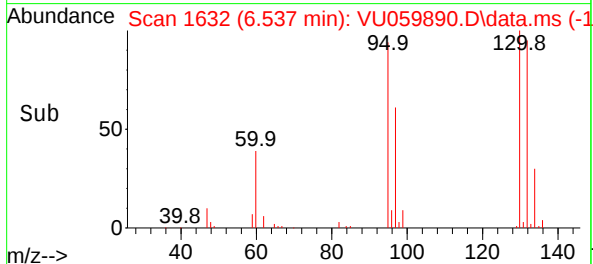


#34
Trichloroethene
Concen: 5.381 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

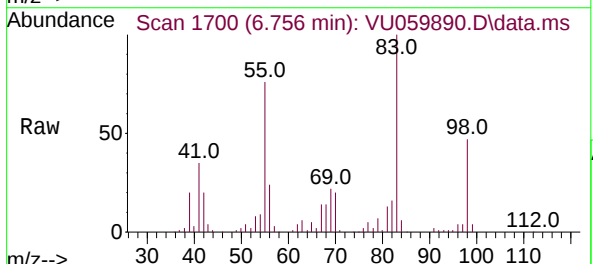
Instrument :
MSVOA_U
ClientSampleId :



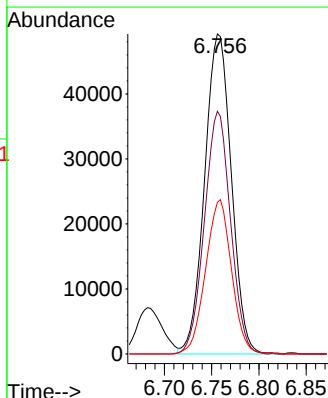
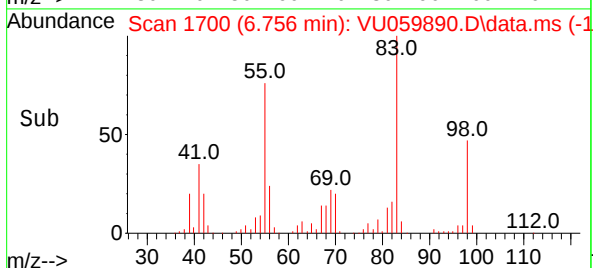
Tgt Ion: 95 Resp: 69959
Ion Ratio Lower Upper
95 100
97 61.4 45.3 84.1
132 95.4 64.0 119.0
130 99.9 69.1 128.3

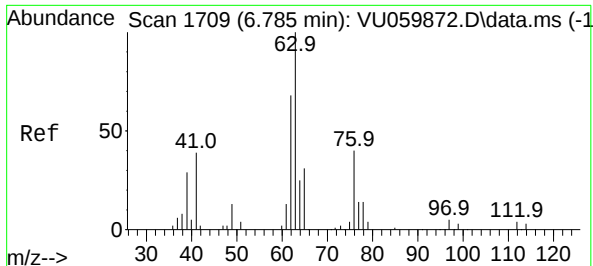


#35
Methylcyclohexane
Concen: 5.233 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30



Tgt Ion: 83 Resp: 96801
Ion Ratio Lower Upper
83 100
55 74.1 62.7 94.1
98 46.9 35.4 53.0

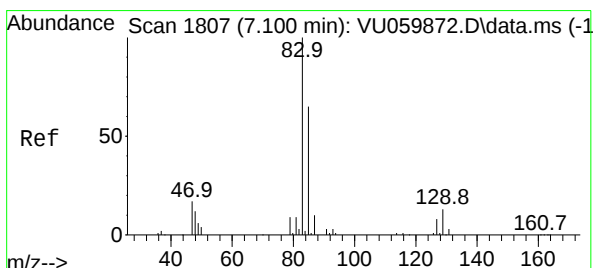
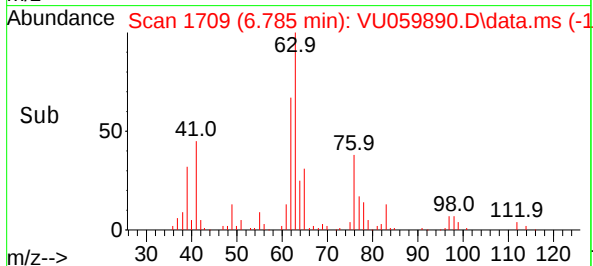
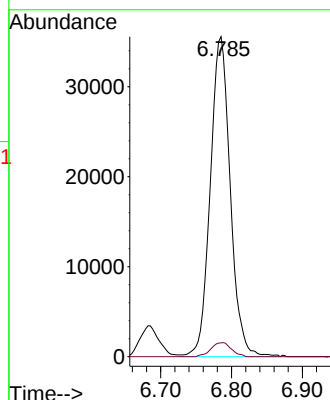
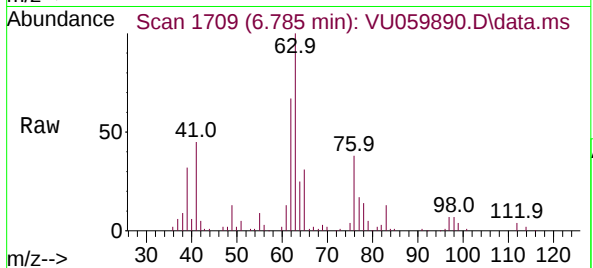




#37
1,2-Dichloropropane
Concen: 5.611 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

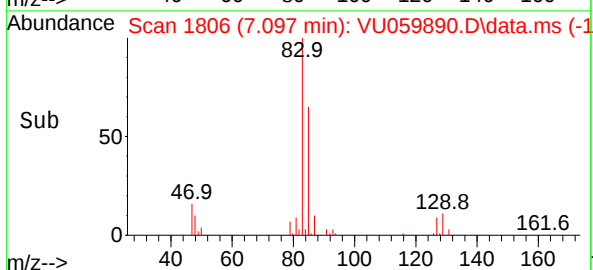
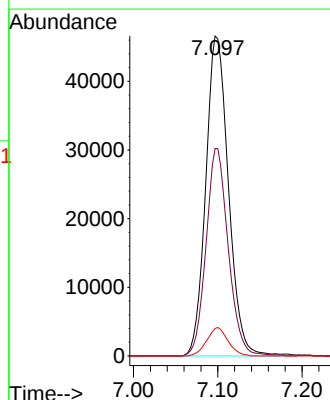
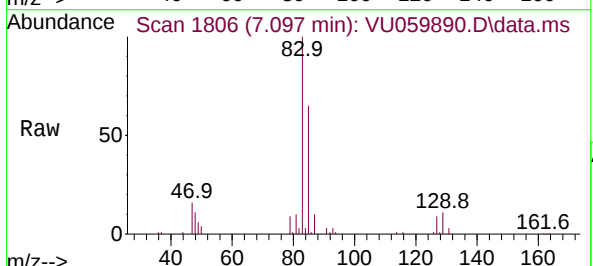
Instrument :
MSVOA_U
ClientSampleId :

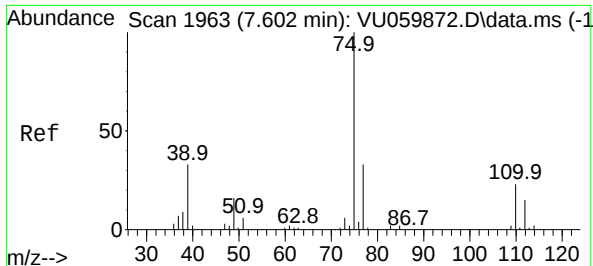
Tgt Ion: 63 Resp: 69701
Ion Ratio Lower Upper
63 100
112 4.5 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.631 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Tgt Ion: 83 Resp: 87322
Ion Ratio Lower Upper
83 100
85 64.8 42.7 79.3
127 8.6 6.1 9.1

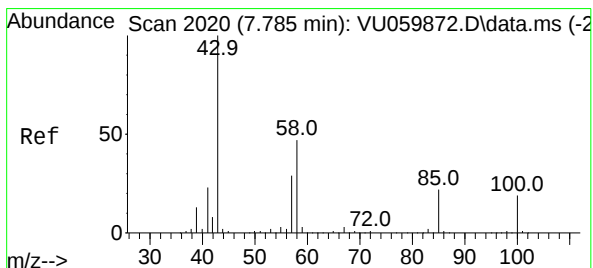
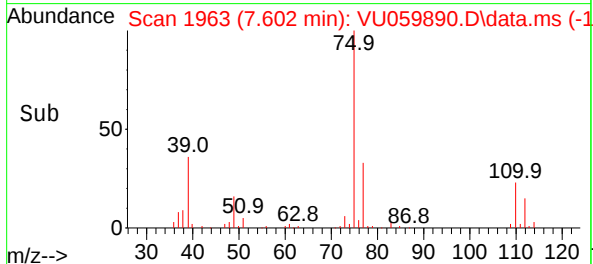
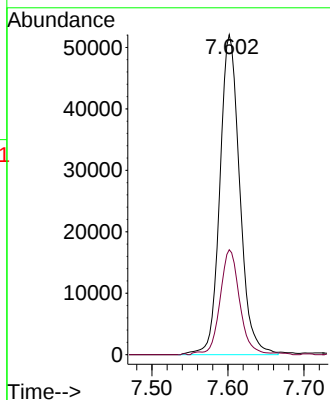
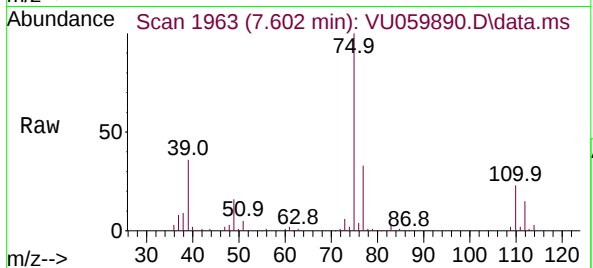




#39
 cis-1,3-Dichloropropene
 Concen: 5.562 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059890.D
 Acq: 10 Jul 2024 08:30

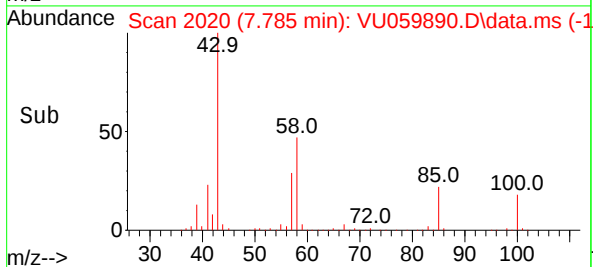
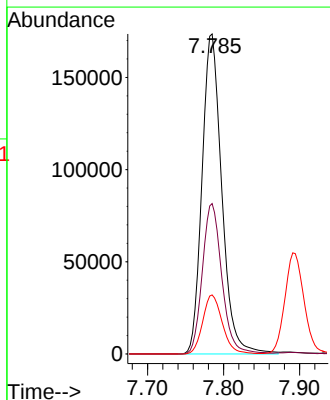
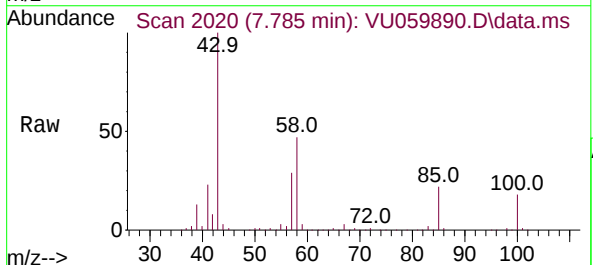
Instrument :
 MSVOA_U
 ClientSampleId :

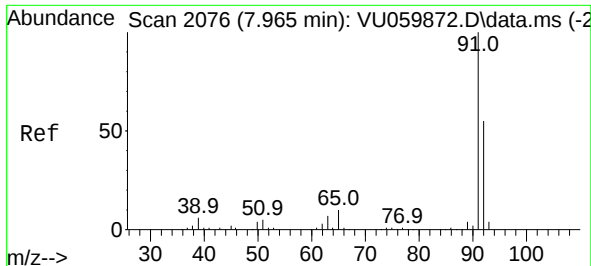
Tgt Ion: 75 Resp: 94493
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 54.470 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU059890.D
 Acq: 10 Jul 2024 08:30

Tgt Ion: 43 Resp: 313545
 Ion Ratio Lower Upper
 43 100
 58 46.5 34.0 51.0
 100 18.3 12.1 18.1#





#42

Toluene

Concen: 5.666 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

Instrument :

MSVOA_U

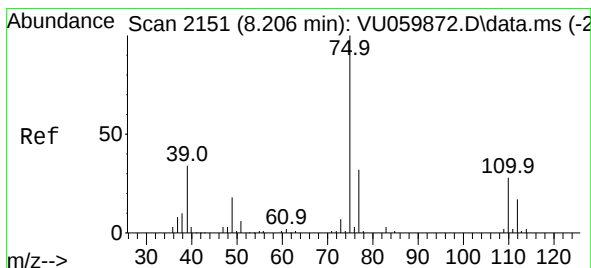
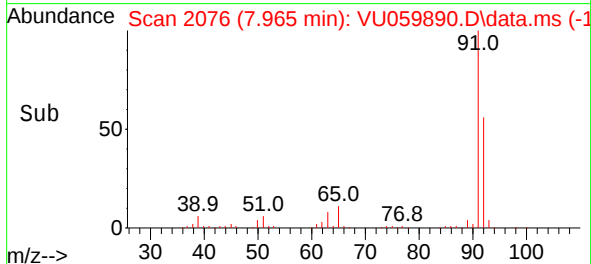
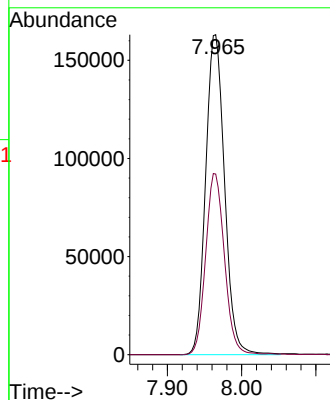
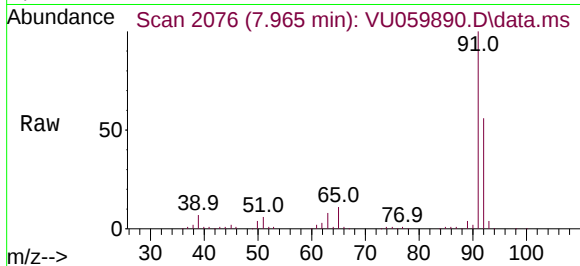
ClientSampleId :

Tgt Ion: 91 Resp: 287937

Ion Ratio Lower Upper

91 100

92 56.5 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.716 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059890.D

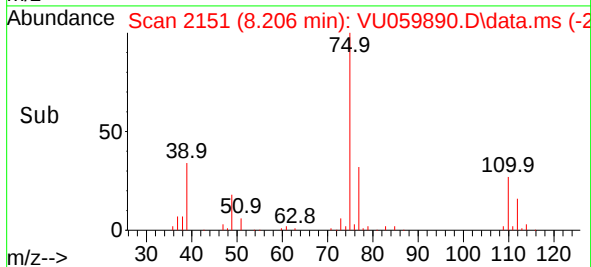
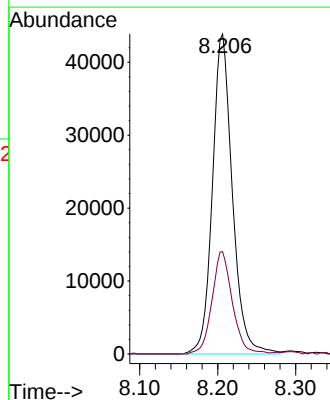
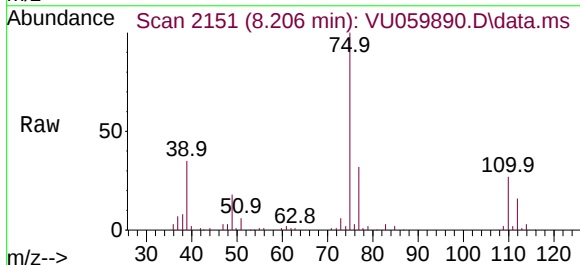
Acq: 10 Jul 2024 08:30

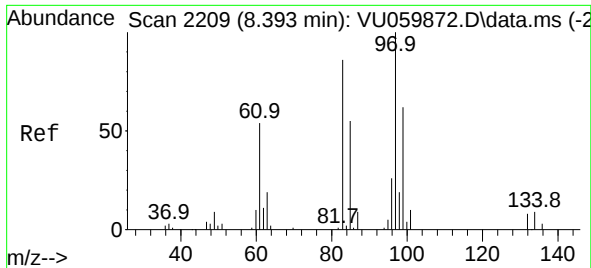
Tgt Ion: 75 Resp: 77947

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0

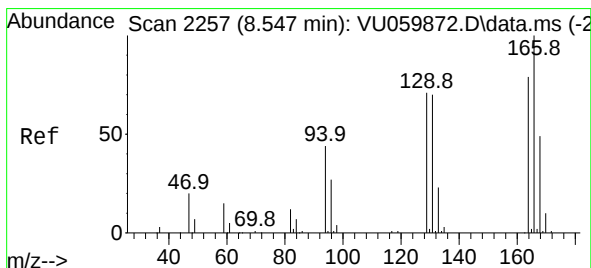
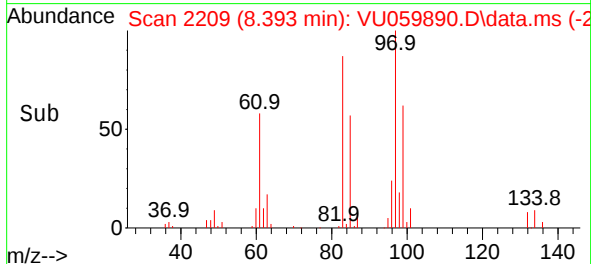
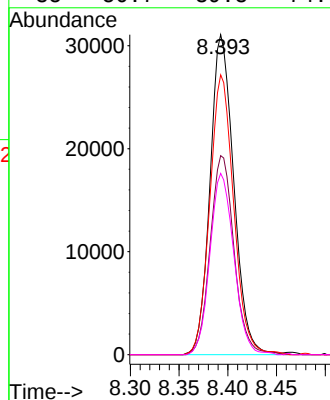
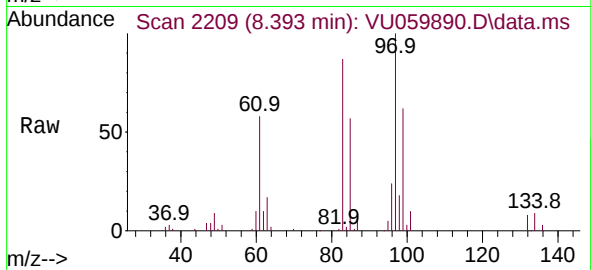




#45
1,1,2-Trichloroethane
Concen: 5.740 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

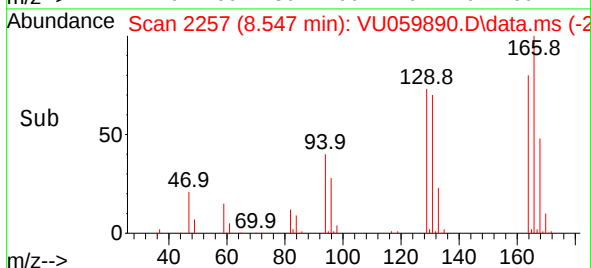
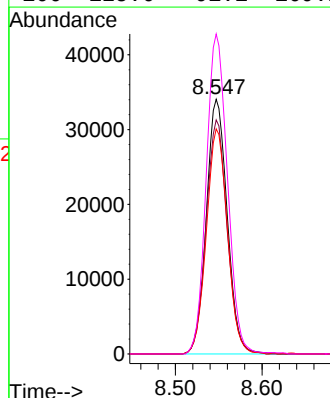
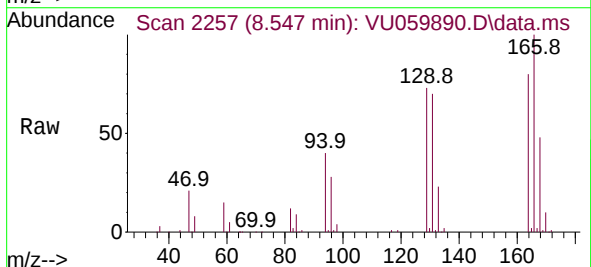
Instrument :
MSVOA_U
ClientSampleId :

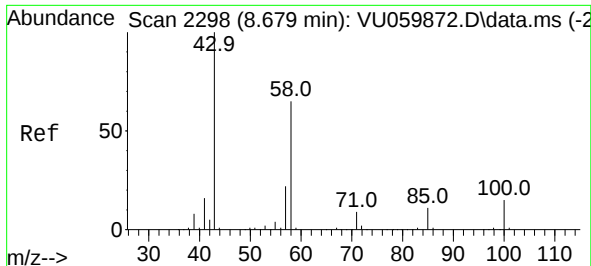
Tgt Ion:	97	Resp:	52548
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.3	80.3
83	87.5	62.3	115.7
85	56.7	39.8	74.0



#47
Tetrachloroethene
Concen: 5.663 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

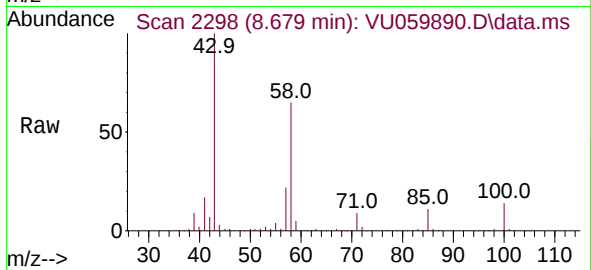
Tgt Ion:	164	Resp:	57133
Ion	Ratio	Lower	Upper
164	100		
129	91.9	70.8	131.4
131	88.4	64.8	120.3
166	125.6	91.1	169.1



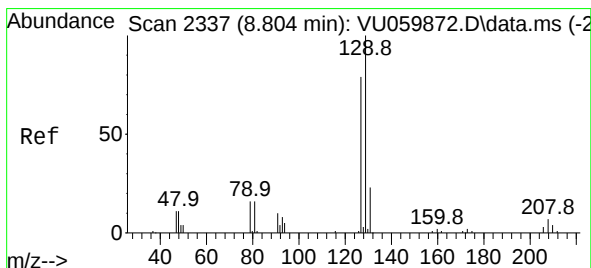
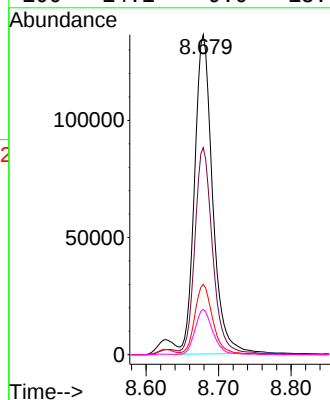
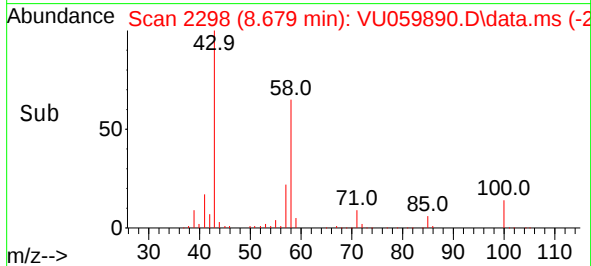


#48
2-Hexanone
Concen: 57.274 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Instrument :
MSVOA_U
ClientSampleId :

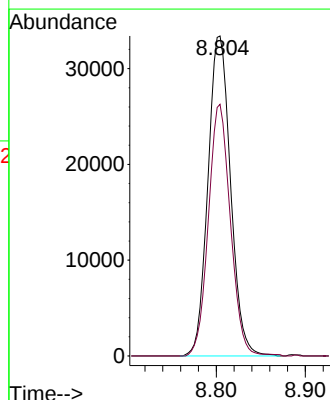
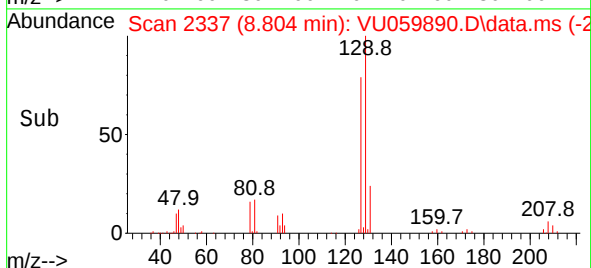
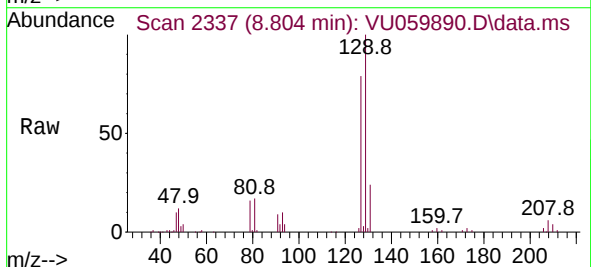


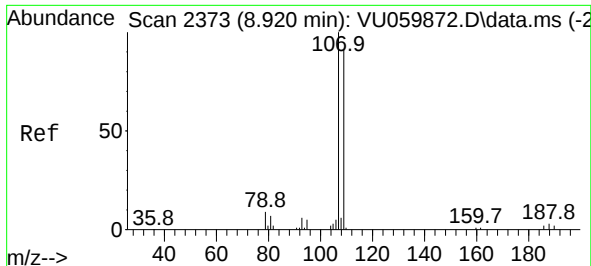
Tgt Ion: 43 Resp: 235294
Ion Ratio Lower Upper
43 100
58 63.4 46.1 69.1
57 21.4 15.5 23.3
100 14.1 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.803 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

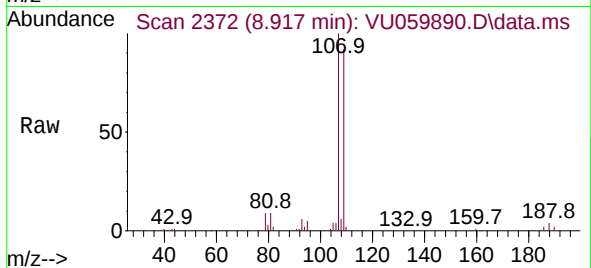
Tgt Ion: 129 Resp: 58842
Ion Ratio Lower Upper
129 100
127 78.7 52.5 97.5





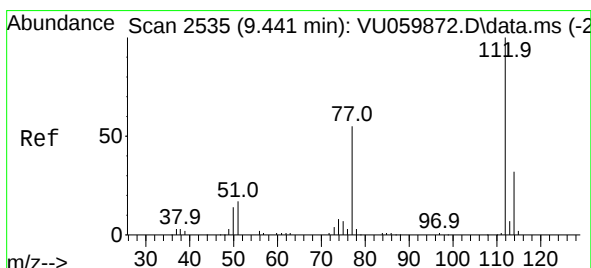
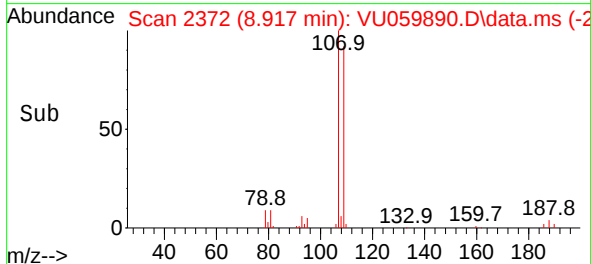
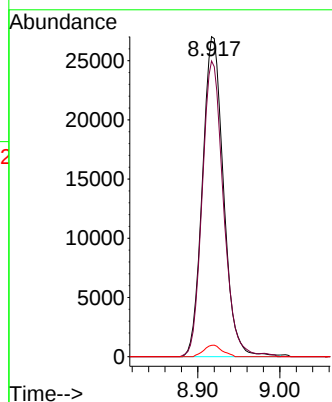
#50
1,2-Dibromoethane
Concen: 5.710 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.003 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:107 Resp: 48274

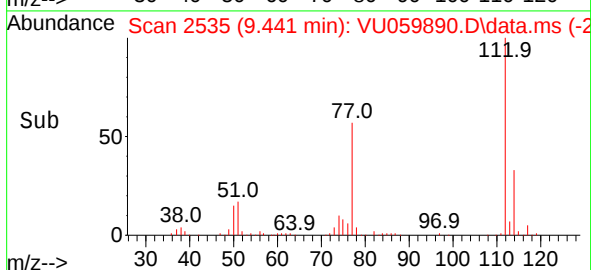
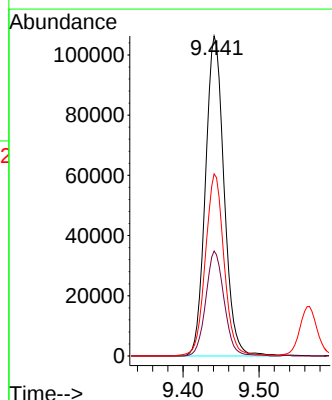
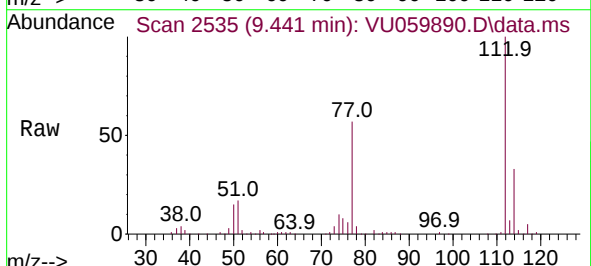
Ion	Ratio	Lower	Upper
107	100		
109	92.4	66.9	124.3
188	3.5	2.7	4.1

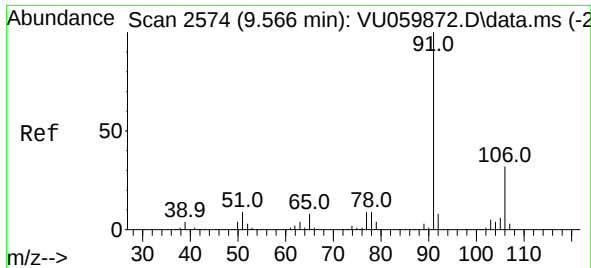


#51
Chlorobenzene
Concen: 5.619 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Tgt Ion:112 Resp: 181128

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.4	41.6
77	56.9	49.1	73.7

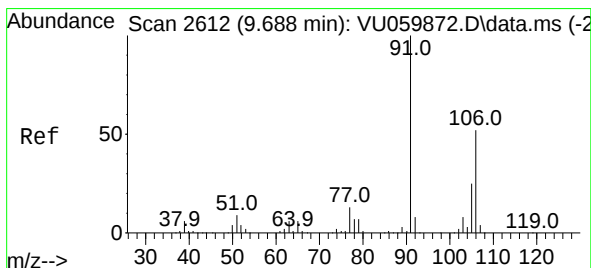
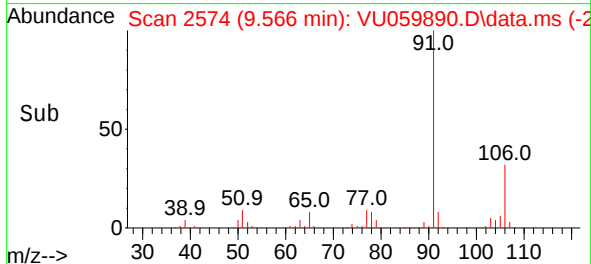
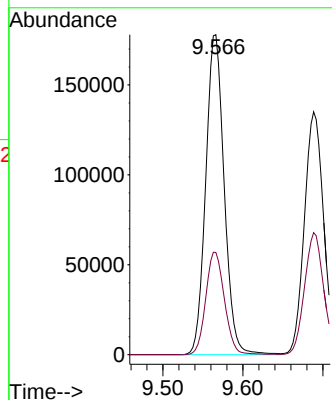
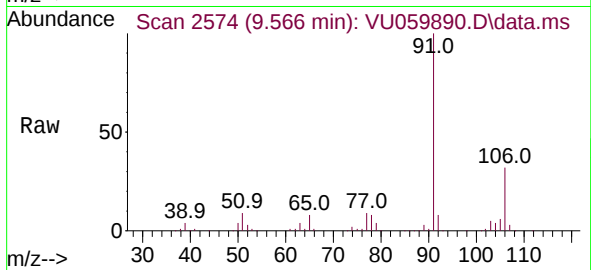




#52
Ethylbenzene
Concen: 5.488 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

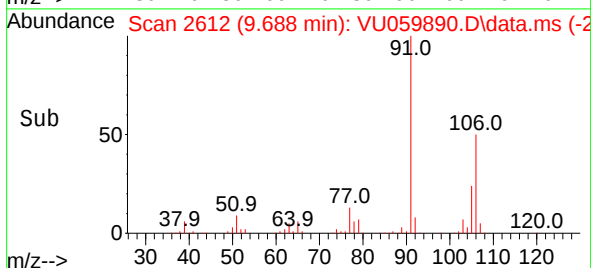
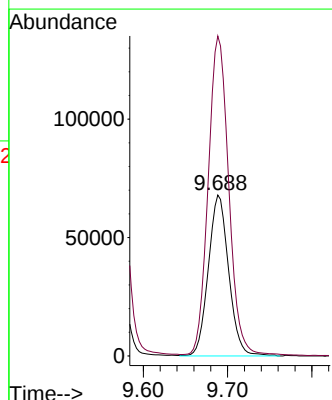
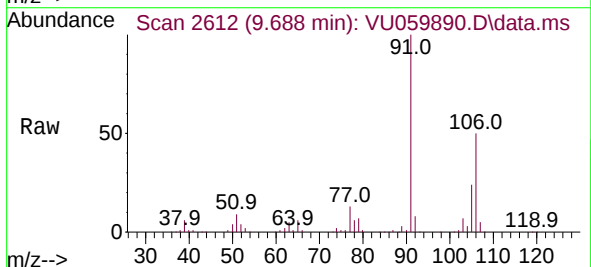
Instrument :
MSVOA_U
ClientSampleId :

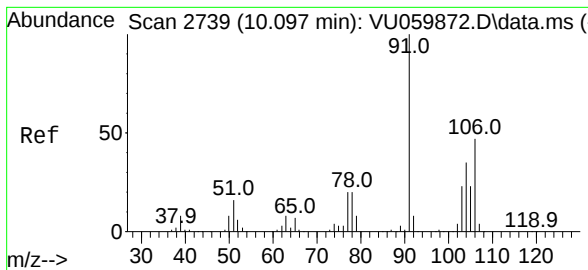
Tgt Ion: 91 Resp: 286108
Ion Ratio Lower Upper
91 100
106 31.9 20.9 38.7



#53
m,p-Xylene
Concen: 5.705 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Tgt Ion:106 Resp: 114239
Ion Ratio Lower Upper
106 100
91 198.9 142.0 263.8

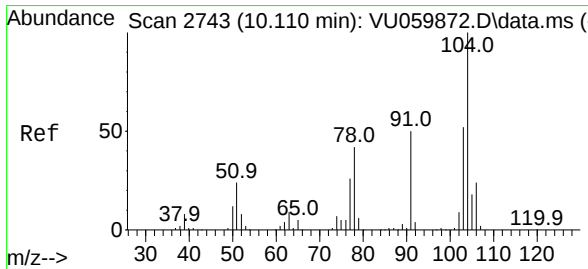
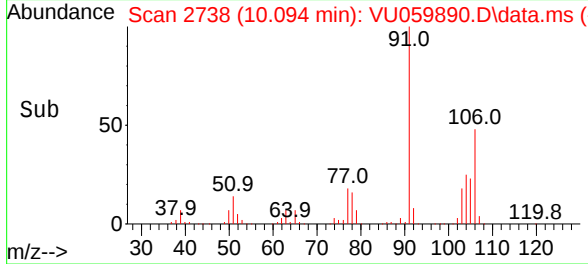
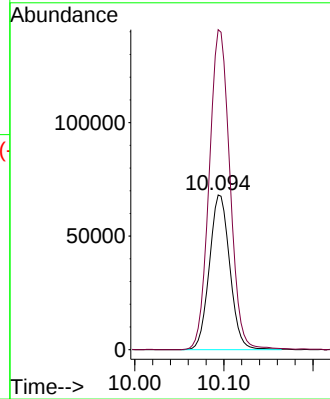
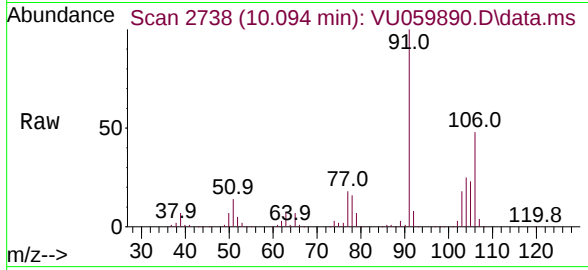




#54
o-Xylene
Concen: 5.707 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

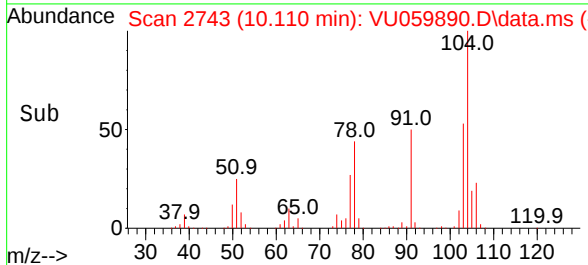
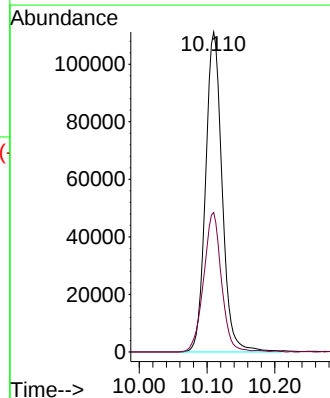
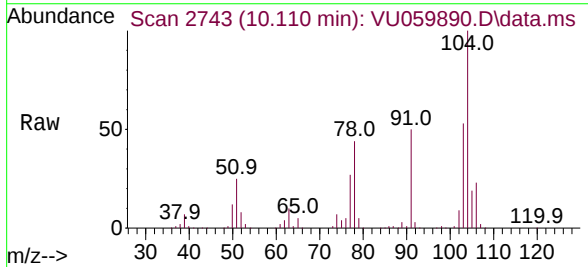
Instrument :
MSVOA_U
ClientSampleId :

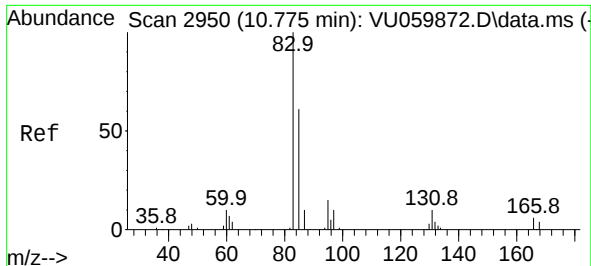
Tgt Ion:106 Resp: 108454
Ion Ratio Lower Upper
106 100
91 206.8 151.6 281.6



#55
Styrene
Concen: 5.834 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Tgt Ion:104 Resp: 188732
Ion Ratio Lower Upper
104 100
78 43.6 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.682 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

Instrument :

MSVOA_U

ClientSampleId :

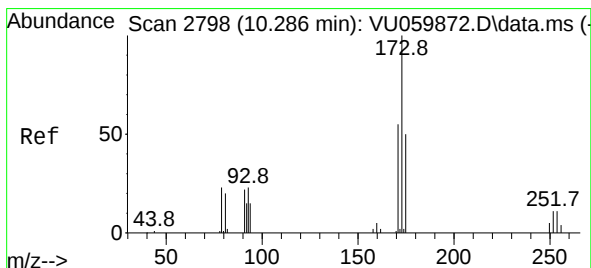
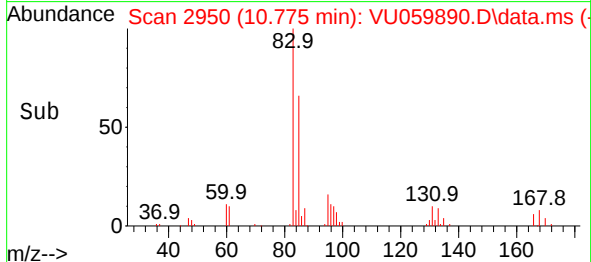
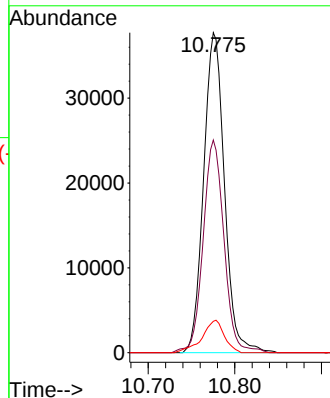
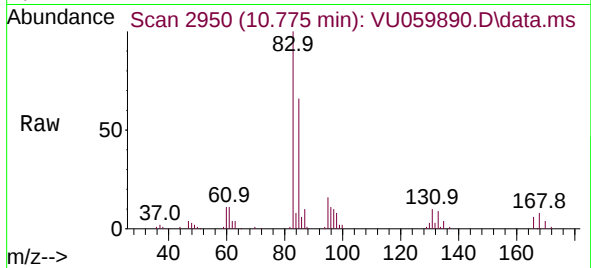
Tgt Ion: 83 Resp: 63100

Ion Ratio Lower Upper

83 100

85 66.5 44.7 82.9

131 9.8 6.9 10.3



#59

Bromoform

Concen: 5.572 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

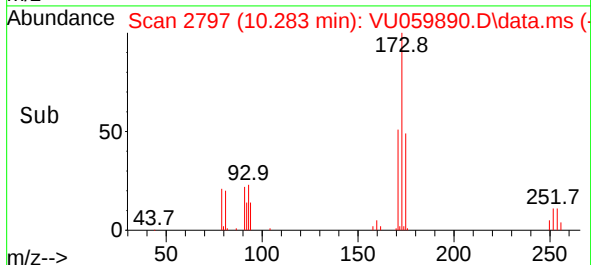
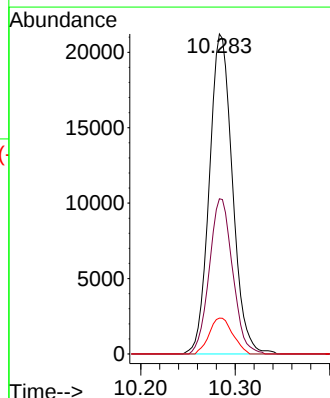
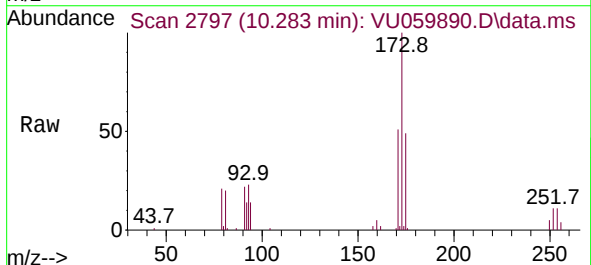
Tgt Ion:173 Resp: 36019

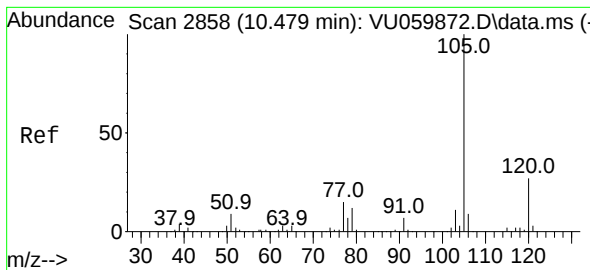
Ion Ratio Lower Upper

173 100

175 48.8 39.4 59.2

254 11.4 7.4 11.2#





#60

Isopropylbenzene

Concen: 5.560 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

Instrument :

MSVOA_U

ClientSampleId :

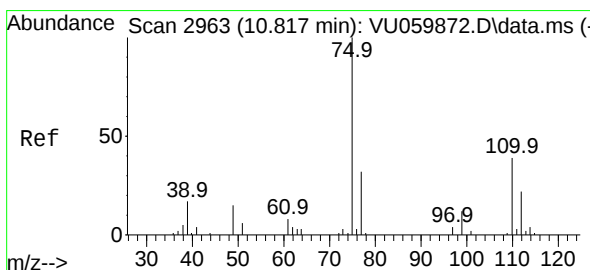
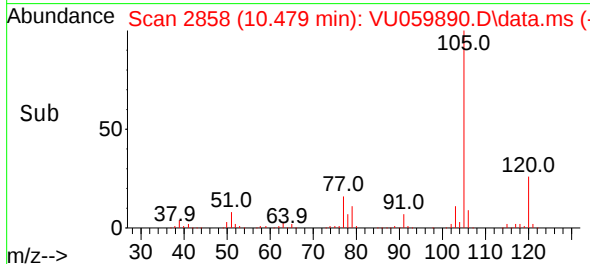
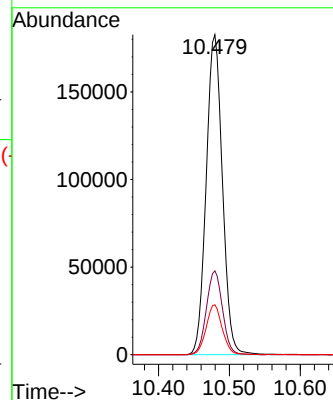
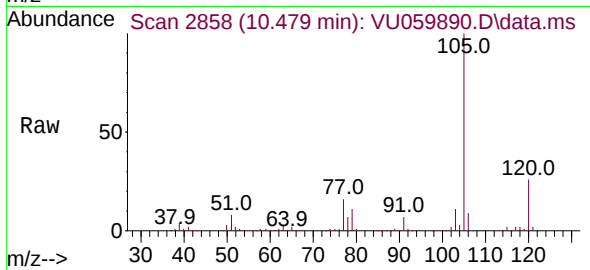
Tgt Ion:105 Resp: 290074

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 15.5 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.412 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

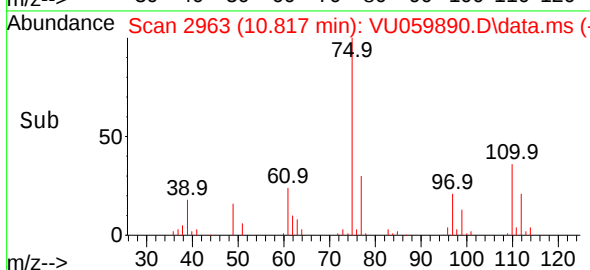
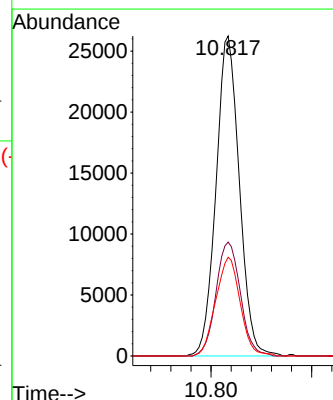
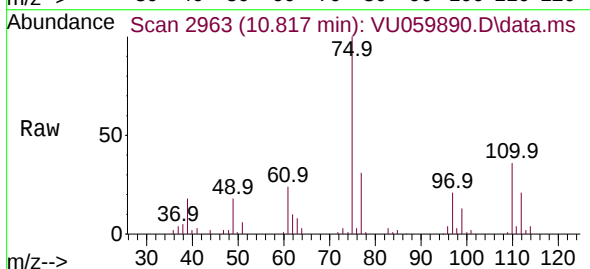
Tgt Ion: 75 Resp: 42242

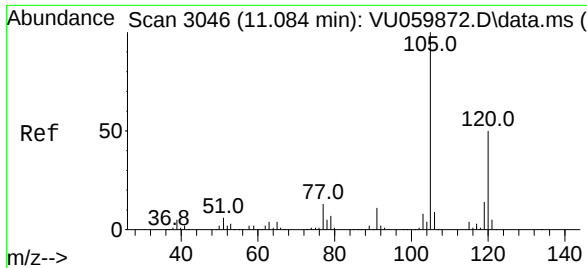
Ion Ratio Lower Upper

75 100

110 37.2 27.1 40.7

77 32.3 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.331 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

Instrument :

MSVOA_U

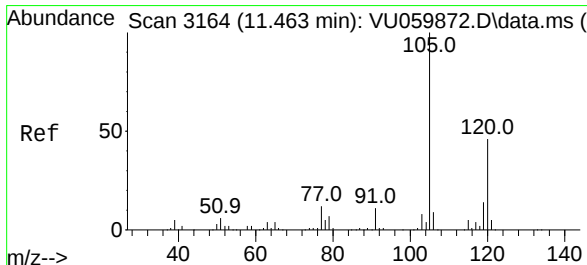
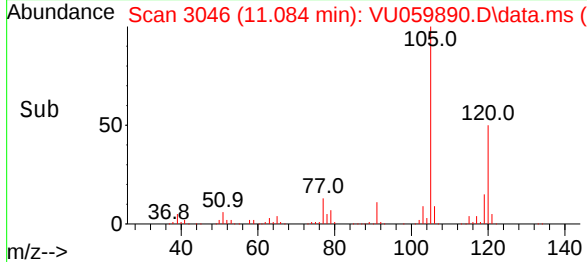
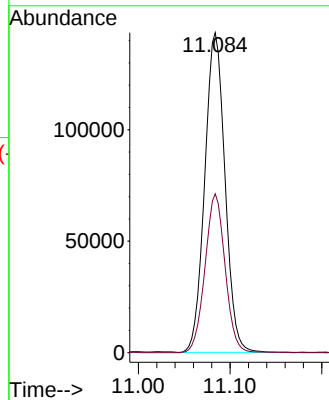
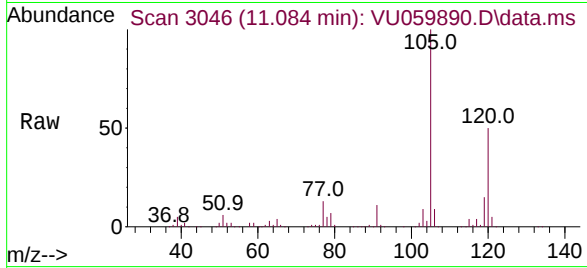
ClientSampleId :

Tgt Ion:105 Resp: 220370

Ion Ratio Lower Upper

105 100

120 49.4 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.447 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059890.D

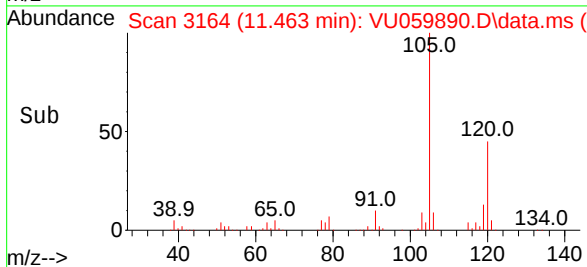
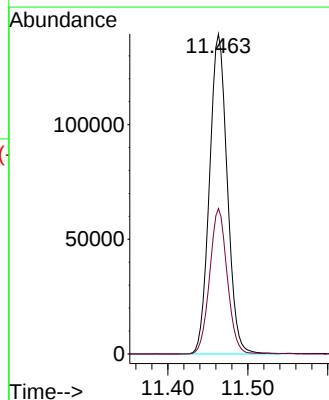
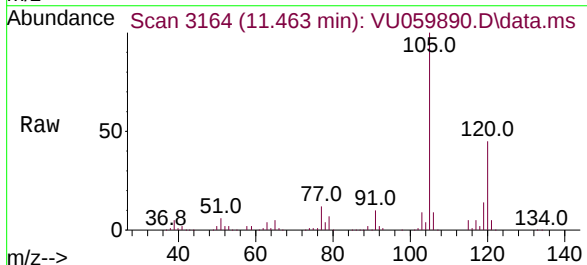
Acq: 10 Jul 2024 08:30

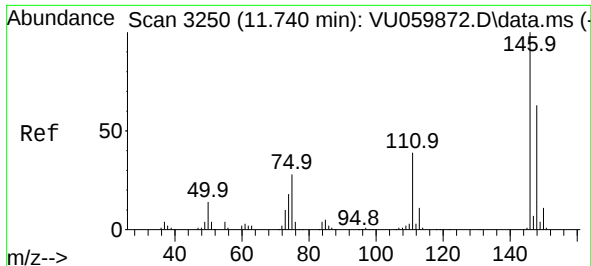
Tgt Ion:105 Resp: 215275

Ion Ratio Lower Upper

105 100

120 44.9 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.527 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

Instrument :

MSVOA_U

ClientSampleId :

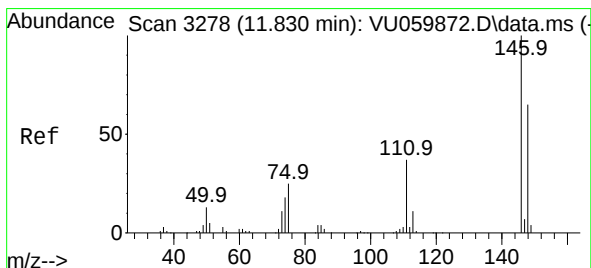
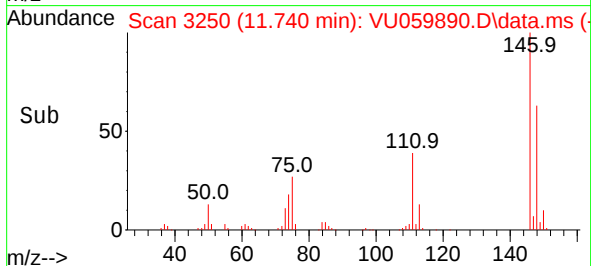
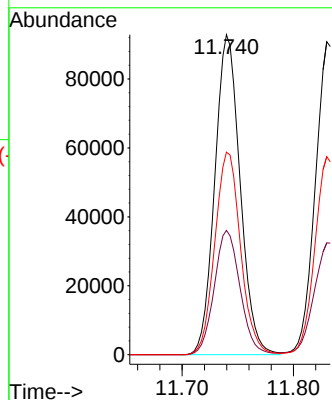
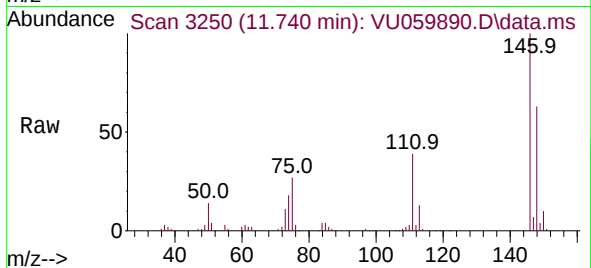
Tgt Ion:146 Resp: 146667

Ion Ratio Lower Upper

146 100

111 38.8 27.4 51.0

148 63.3 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 5.378 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

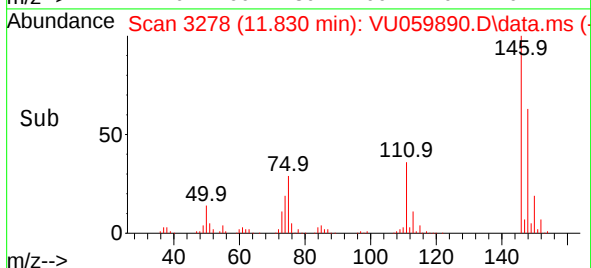
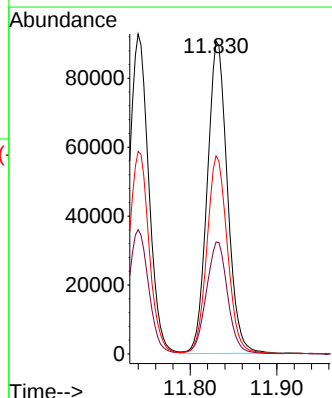
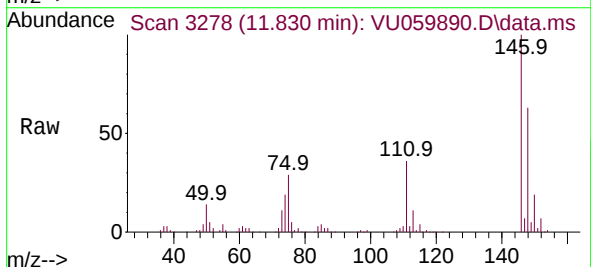
Tgt Ion:146 Resp: 146909

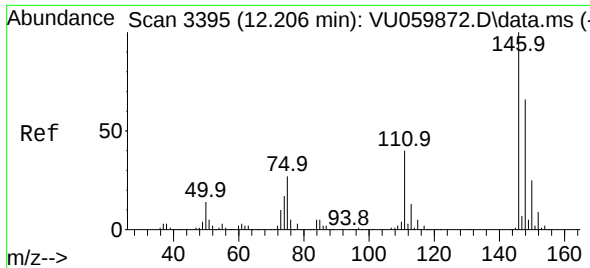
Ion Ratio Lower Upper

146 100

111 35.7 26.9 50.1

148 63.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.466 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

Instrument :

MSVOA_U

ClientSampleId :

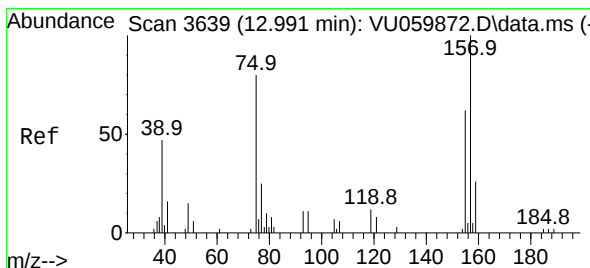
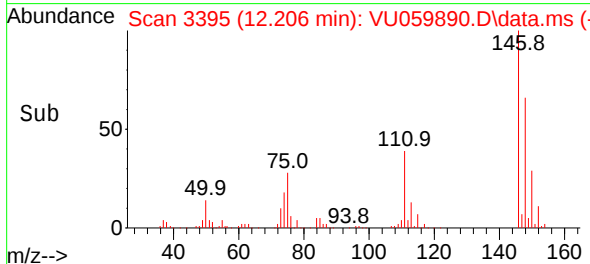
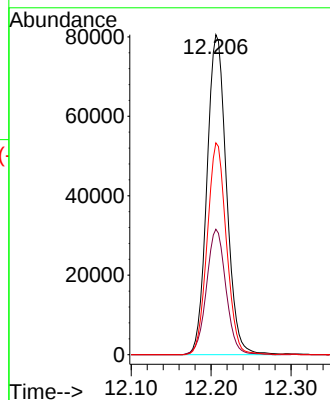
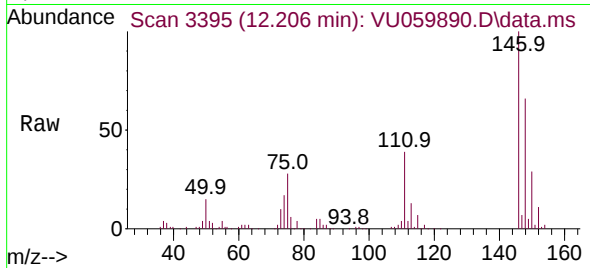
Tgt Ion:146 Resp: 136500

Ion Ratio Lower Upper

146 100

111 39.2 33.4 50.0

148 66.2 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.567 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

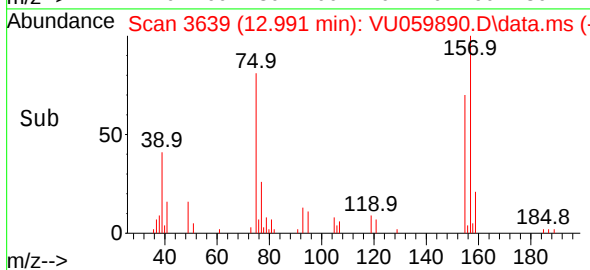
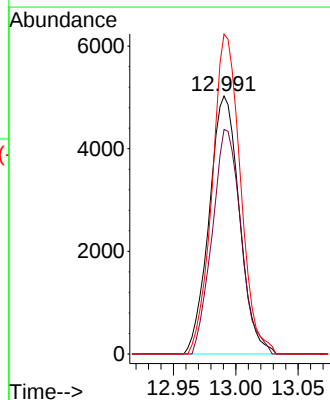
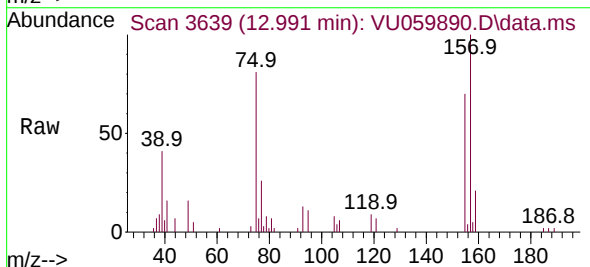
Tgt Ion: 75 Resp: 8476

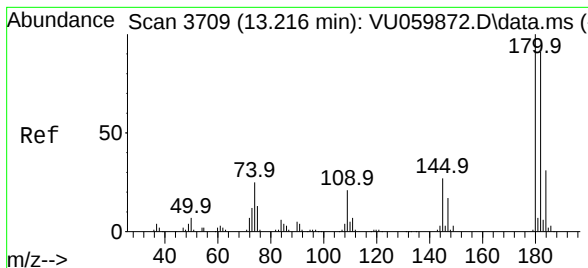
Ion Ratio Lower Upper

75 100

155 87.0 58.2 87.2

157 124.1 80.0 120.0#





#69

1,3,5-Trichlorobenzene

Concen: 5.514 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

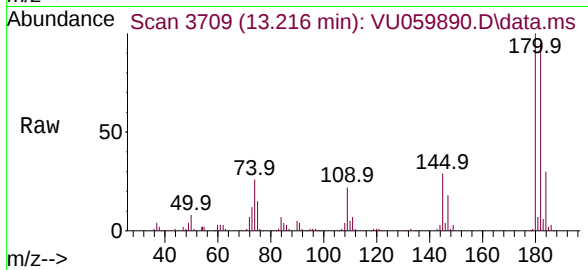
Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 108324

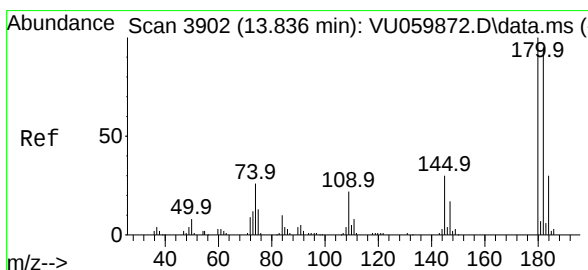
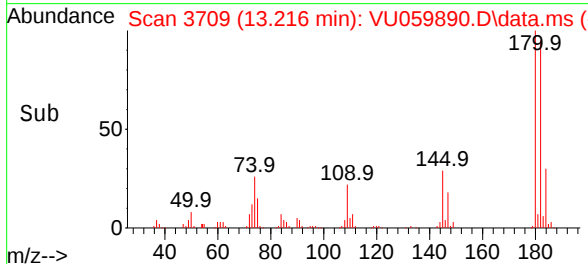
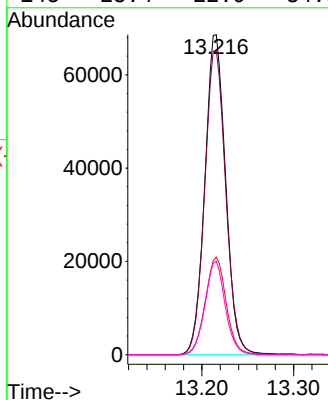
Ion Ratio Lower Upper

180 100

182 96.4 75.4 113.0

184 30.7 23.0 34.6

145 28.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.533 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059890.D

Acq: 10 Jul 2024 08:30

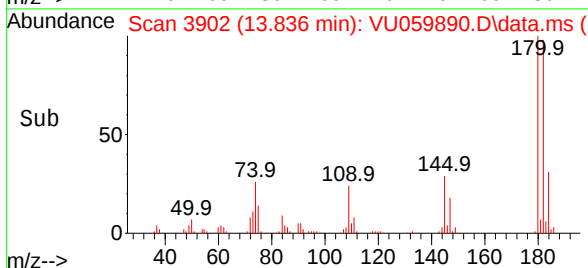
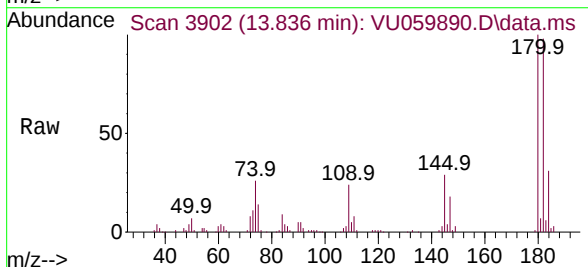
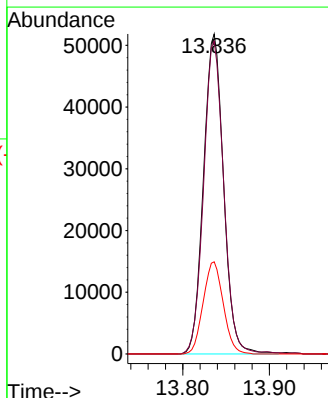
Tgt Ion:180 Resp: 83378

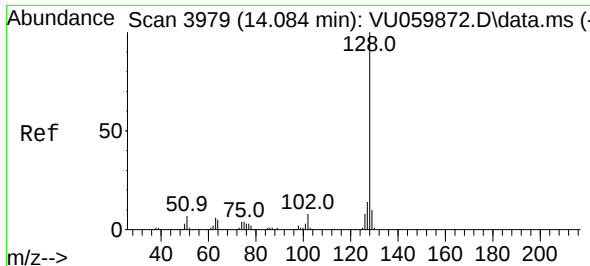
Ion Ratio Lower Upper

180 100

182 97.6 74.9 112.3

145 28.8 23.9 35.9

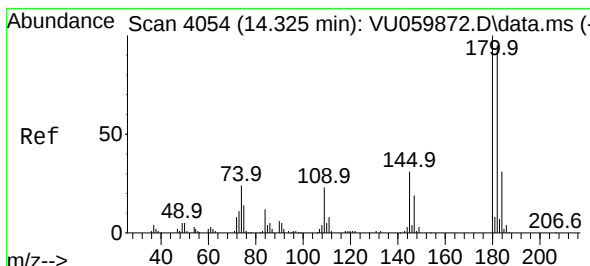
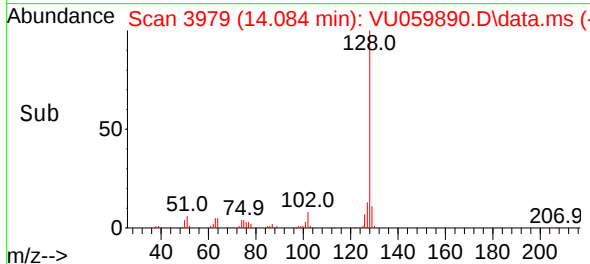
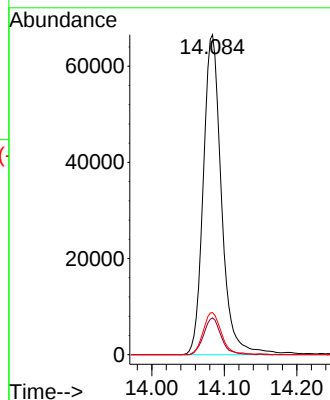
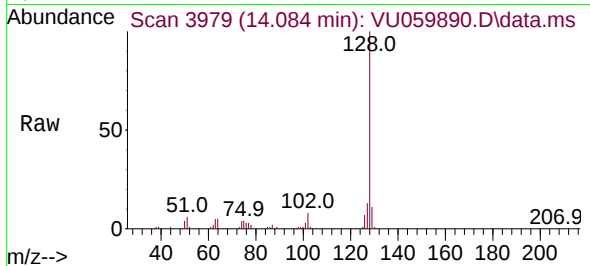




#71
Naphthalene
Concen: 5.369 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 115791
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.4
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.509 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU059890.D
Acq: 10 Jul 2024 08:30

Tgt Ion:180 Resp: 77083
Ion Ratio Lower Upper
180 100
182 98.2 77.0 115.6
145 30.2 26.2 39.4

