

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
 Data File : VU057470.D
 Acq On : 12 Jan 2024 09:42
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 01:30:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:30:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	283669	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	273007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	123943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	155186	5.392	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.800%		
7) Chloroethane-d5	1.914	69	123975	5.536	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.800%		
11) 1,1-Dichloroethene-d2	2.563	65	67360	5.535	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 110.600%		
20) 2-Butanone-d5	4.637	46	285834	52.505	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 105.020%		
24) Chloroform-d	5.055	84	268572	5.401	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.000%		
26) 1,2-Dichloroethane-d4	5.695	65	127353	5.318	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.400%		
32) Benzene-d6	5.721	84	523951	5.262	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.200%		
36) 1,2-Dichloropropane-d6	6.685	67	159479	5.137	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.800%		
41) Toluene-d8	7.894	98	454238	5.404	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.000%		
43) trans-1,3-Dichloroprop...	8.177	79	54742	5.072	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.400%		
46) 2-Hexanone-d5	8.634	63	201876	51.658	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 103.320%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	112637	5.371	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	130297	5.235	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	103193	5.514	ug/L	99
3) Chloromethane	1.518	50	118211	4.918	ug/L	98
5) Vinyl chloride	1.602	62	118851	5.554	ug/L	98
6) Bromomethane	1.856	94	66705	5.353	ug/L	96
8) Chloroethane	1.933	64	75863	5.685	ug/L	97
9) Trichlorofluoromethane	2.136	101	161536	5.521	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	106195	5.673	ug/L	99
12) 1,1-Dichloroethene	2.576	96	94298	5.690	ug/L	92
13) Acetone	2.660	43	133635	40.834	ug/L	95
14) Carbon disulfide	2.792	76	252494	5.452	ug/L	99
15) Methyl Acetate	2.959	43	36790	4.973	ug/L	97
16) Methylene chloride	3.042	84	113951	5.085	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	228223	5.551	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	92106	5.599	ug/L	97
19) 1,1-Dichloroethane	3.862	63	209825	5.653	ug/L	99
21) 2-Butanone	4.721	43	246077	53.155	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	106722	5.573	ug/L	97
23) Bromochloromethane	4.972	128	45228	5.501	ug/L	98
25) Chloroform	5.081	83	218957	5.688	ug/L	98

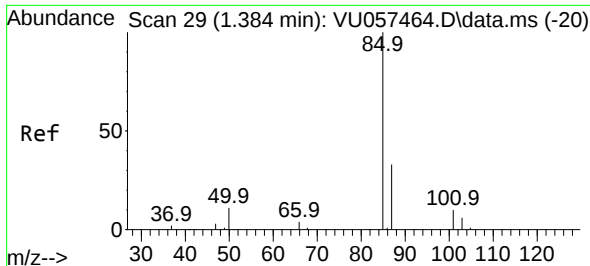
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
 Data File : VU057470.D
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 01:30:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:30:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	126799	5.470	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	179324	5.324	ug/L	100
30) Cyclohexane	5.383	56	147715	5.393	ug/L	99
31) Carbon tetrachloride	5.518	117	152270	5.475	ug/L	98
33) Benzene	5.769	78	438412	5.465	ug/L	100
34) Trichloroethene	6.537	95	110905	5.264	ug/L	98
35) Methylcyclohexane	6.759	83	144129	5.145	ug/L	99
37) 1,2-Dichloropropane	6.785	63	121074	5.322	ug/L	99
38) Bromodichloromethane	7.100	83	148282	5.414	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	154494	5.138	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	613439	54.319	ug/L	100
42) Toluene	7.965	91	452908	5.729	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	126102	5.152	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	78487	5.350	ug/L	98
47) Tetrachloroethene	8.547	164	75727	5.412	ug/L	97
48) 2-Hexanone	8.685	43	452225	54.832	ug/L	99
49) Dibromochloromethane	8.804	129	86504	5.495	ug/L	98
50) 1,2-Dibromoethane	8.920	107	70853	5.861	ug/L #	99
51) Chlorobenzene	9.444	112	275580	5.529	ug/L	99
52) Ethylbenzene	9.566	91	458707	5.641	ug/L	100
53) m,p-Xylene	9.688	106	166719	5.692	ug/L	96
54) o-Xylene	10.097	106	162525	5.783	ug/L	93
55) Styrene	10.110	104	267907	5.789	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	99701	5.605	ug/L	98
59) Bromoform	10.287	173	47986	5.949	ug/L	99
60) Isopropylbenzene	10.479	105	431916	5.991	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	66317	5.718	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	335273	5.899	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	332624	5.846	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	197893	5.639	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	192184	5.517	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	184784	5.685	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	11515	5.177	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	127120	5.404	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	82894	5.204	ug/L	98
71) Naphthalene	14.084	128	105832	4.752	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	68550	5.255	ug/L	97

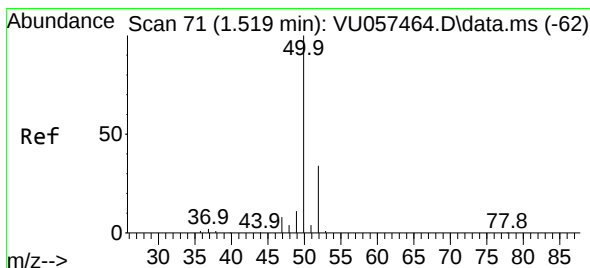
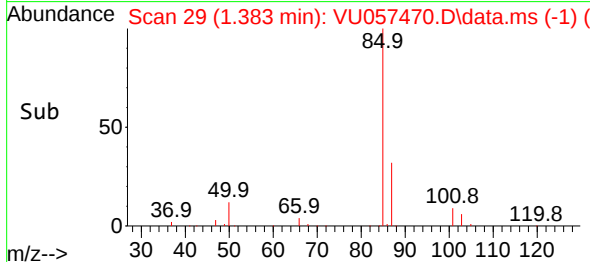
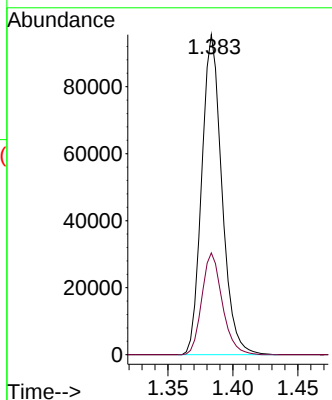
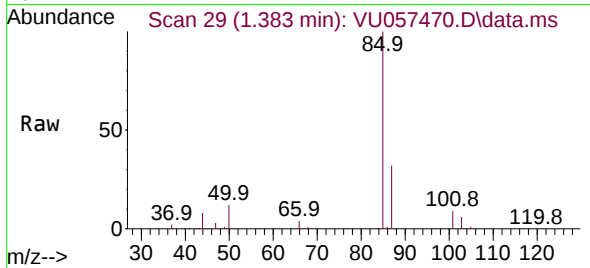
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.514 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.001 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

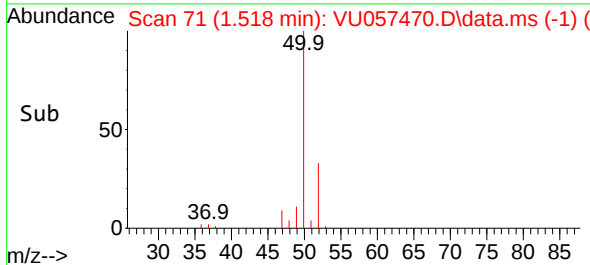
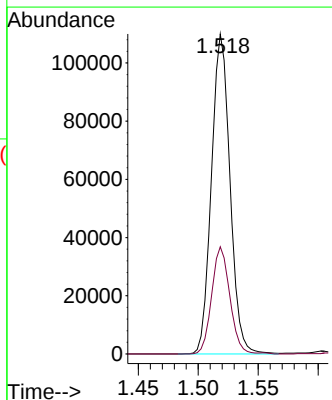
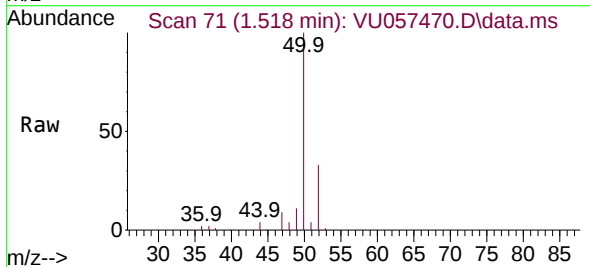
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MSVOA_U
ClientSampleId :

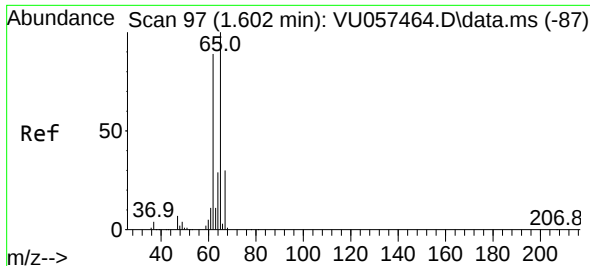
Tgt Ion: 85 Resp: 103193
Ion Ratio Lower Upper
85 100
87 32.1 26.2 39.4



#3
Chloromethane
Concen: 4.918 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.001 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

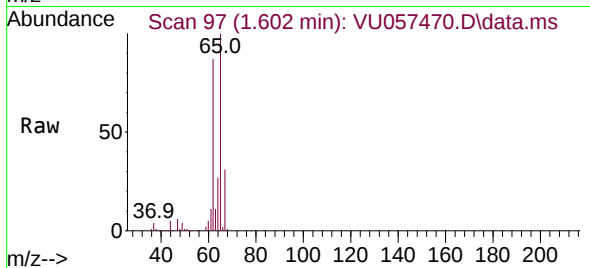
Tgt Ion: 50 Resp: 118211
Ion Ratio Lower Upper
50 100
52 33.5 24.1 44.7



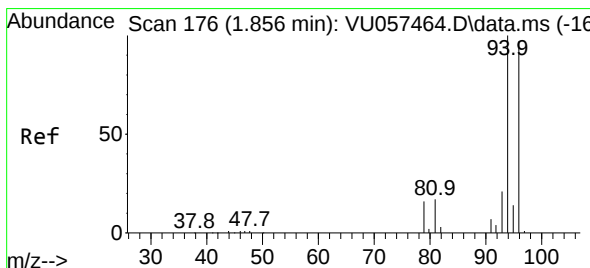
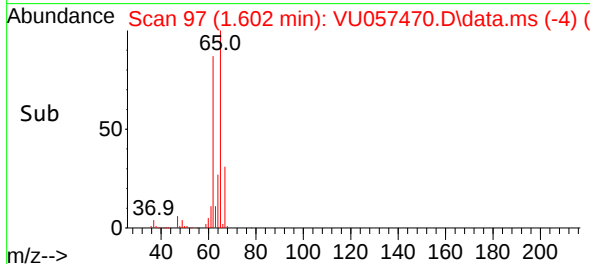
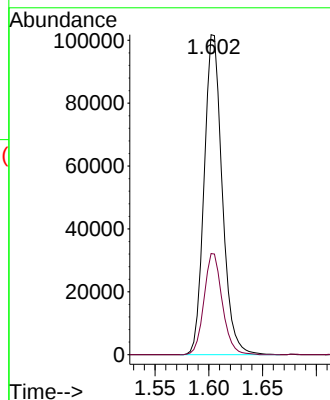


#5
 Vinyl chloride
 Concen: 5.554 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057470.D
 Acq: 12 Jan 2024 09:42

Instrument :
 MSVOA_U
 ClientSampleId :

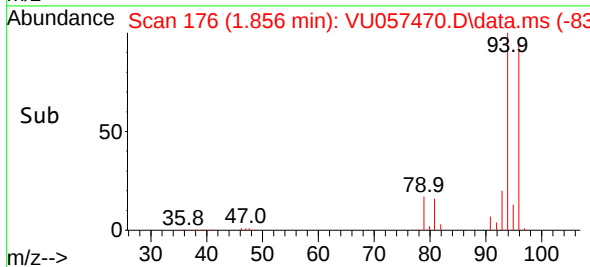
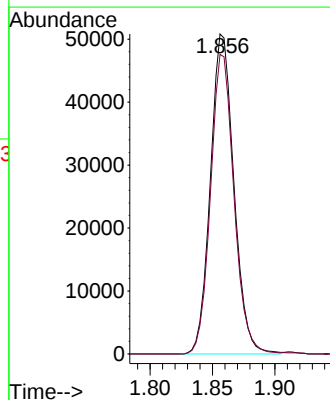
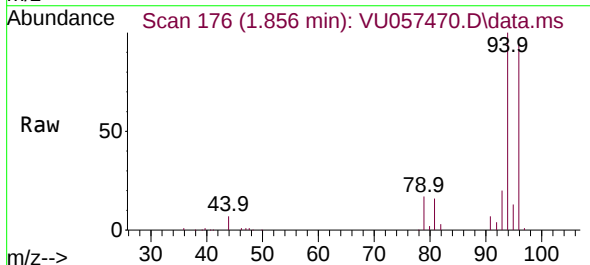


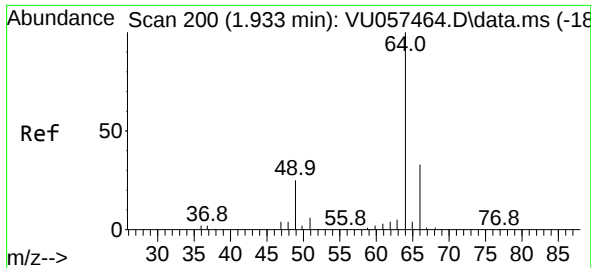
Tgt Ion: 62 Resp: 118851
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.9 42.5



#6
 Bromomethane
 Concen: 5.353 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU057470.D
 Acq: 12 Jan 2024 09:42

Tgt Ion: 94 Resp: 66705
 Ion Ratio Lower Upper
 94 100
 96 93.6 68.0 126.2

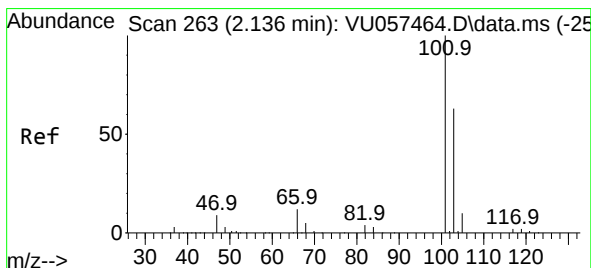
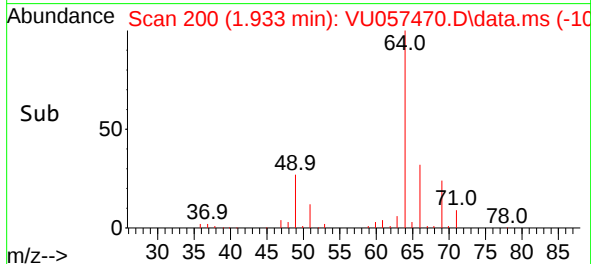
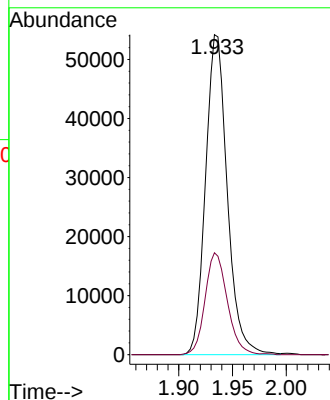
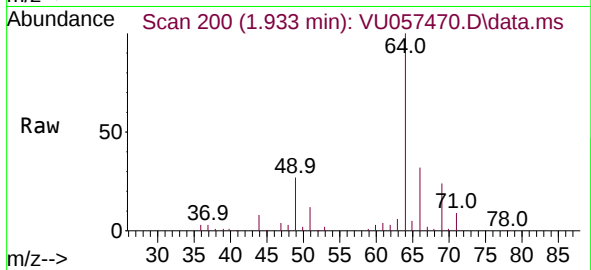




#8
Chloroethane
Concen: 5.685 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

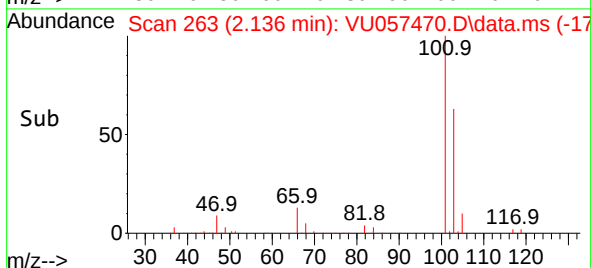
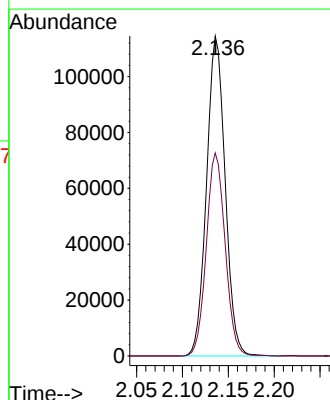
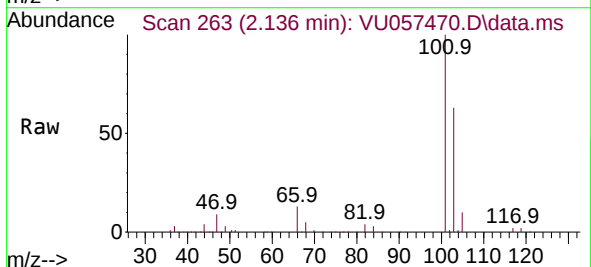
Instrument :
MSVOA_U
ClientSampleId :

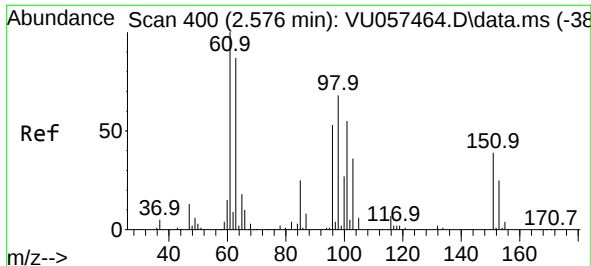
Tgt Ion: 64 Resp: 75863
Ion Ratio Lower Upper
64 100
66 31.9 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.521 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

Tgt Ion:101 Resp: 161536
Ion Ratio Lower Upper
101 100
103 64.1 51.2 76.8

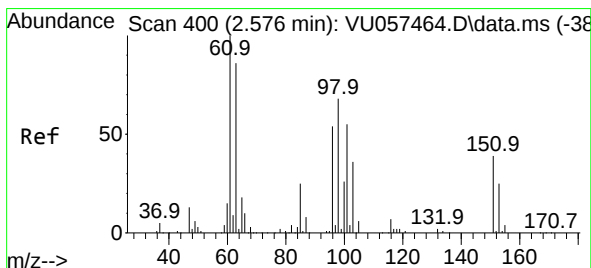
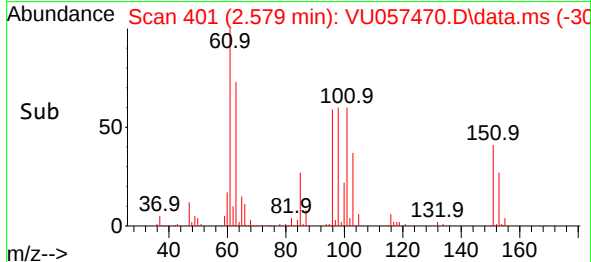
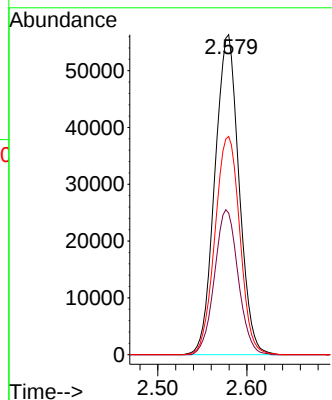
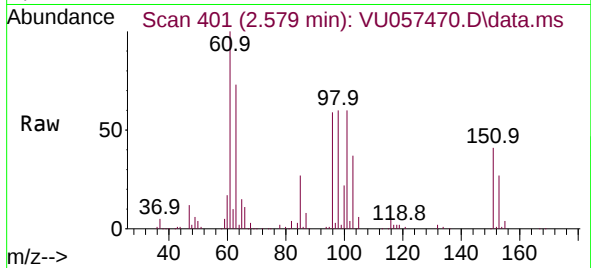




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.673 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU057470.D
 Acq: 12 Jan 2024 09:42

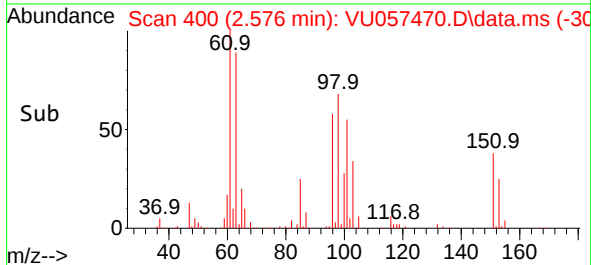
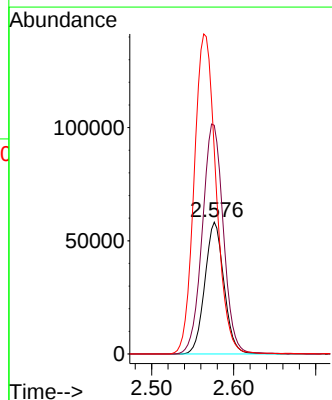
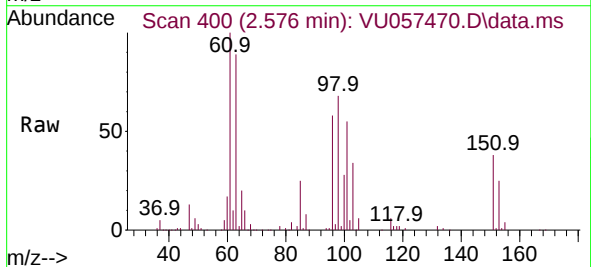
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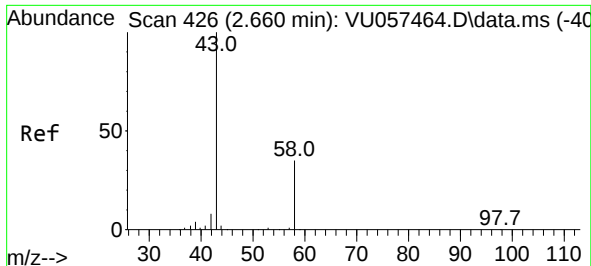
Tgt Ion:101 Resp: 106195
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.1 52.7
 151 70.2 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 5.690 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057470.D
 Acq: 12 Jan 2024 09:42

Tgt Ion: 96 Resp: 94298
 Ion Ratio Lower Upper
 96 100
 61 173.5 130.9 243.1
 63 154.7 114.8 213.2





#13

Acetone

Concen: 40.834 ug/L

RT: 2.660 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU057470.D

Acq: 12 Jan 2024 09:42

Instrument :

MSVOA_U

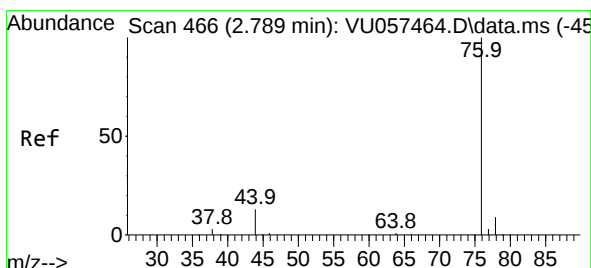
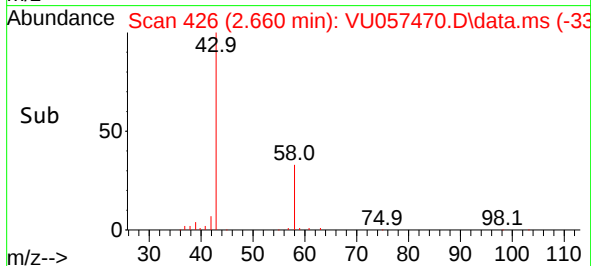
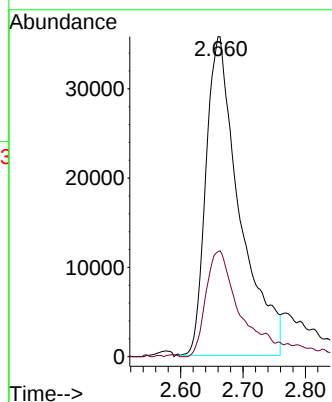
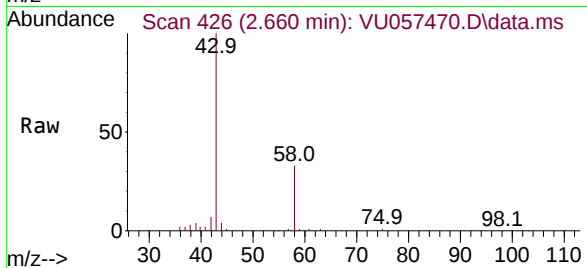
ClientSampleId :

Tgt Ion: 43 Resp: 133635

Ion Ratio Lower Upper

43 100

58 30.9 0.0 67.8



#14

Carbon disulfide

Concen: 5.452 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU057470.D

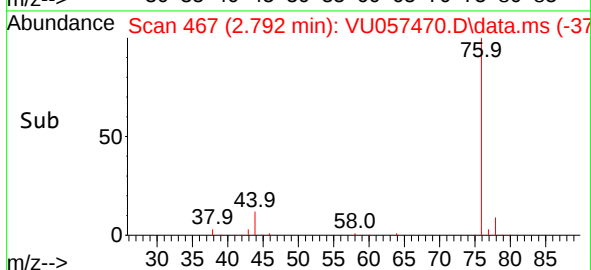
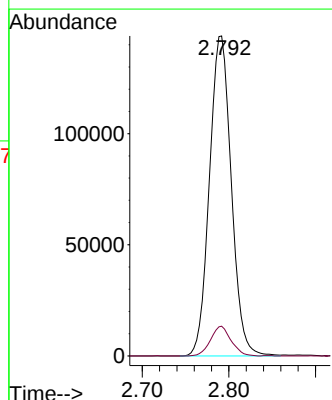
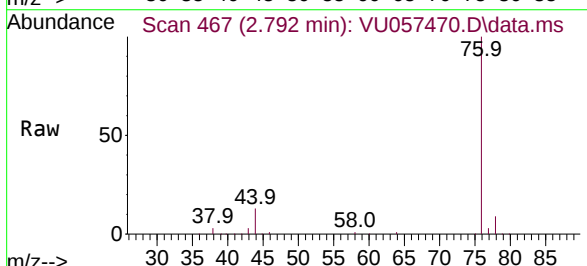
Acq: 12 Jan 2024 09:42

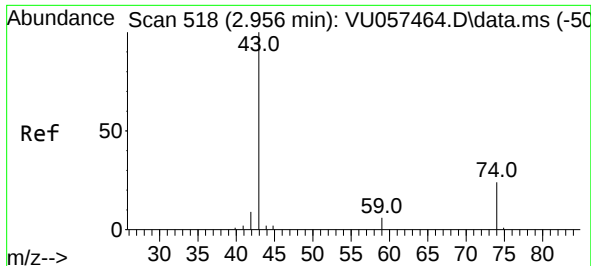
Tgt Ion: 76 Resp: 252494

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

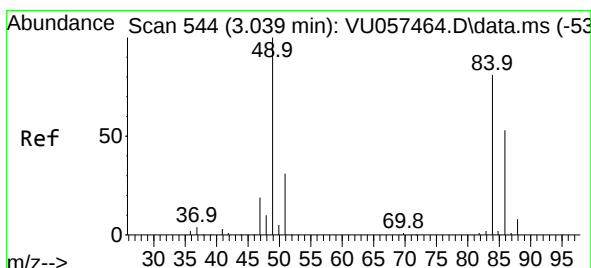
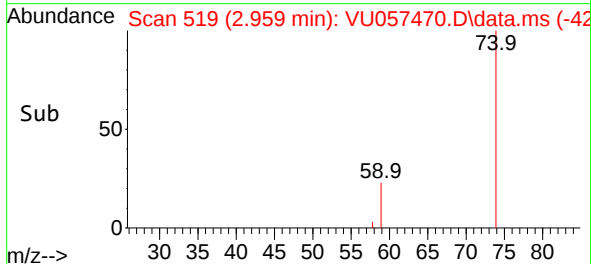
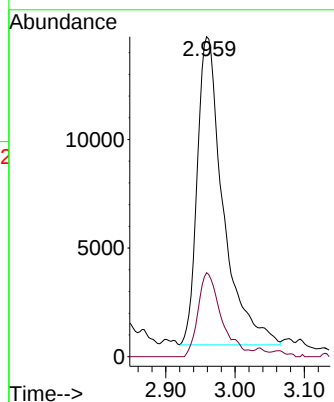
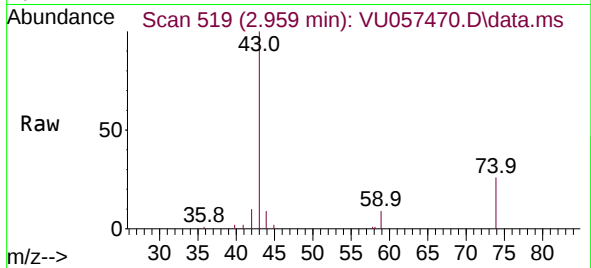




#15
Methyl Acetate
Concen: 4.973 ug/L
RT: 2.959 min Scan# 518
Delta R.T. 0.003 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

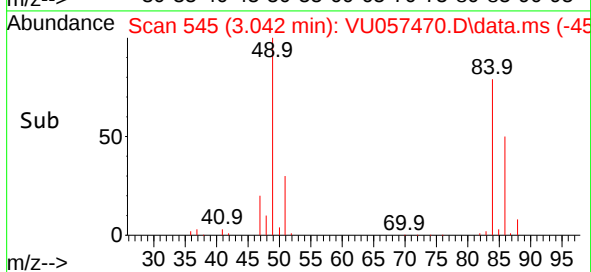
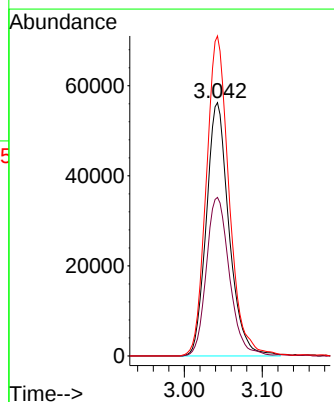
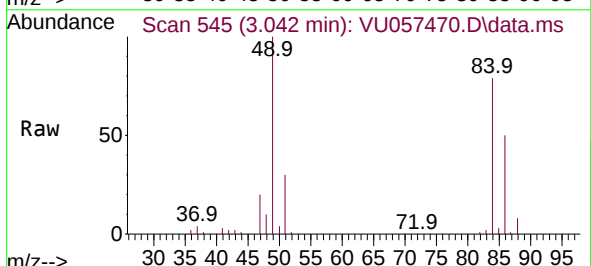
Instrument :
MSVOA_U
ClientSampleId :

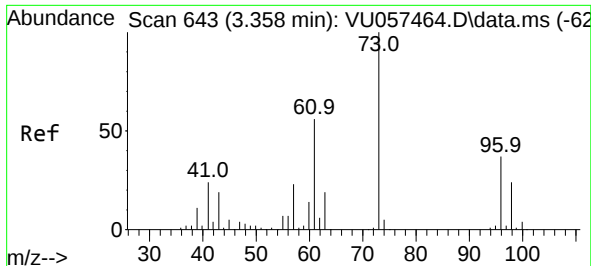
Tgt Ion: 43 Resp: 36790
Ion Ratio Lower Upper
43 100
74 24.9 18.6 27.8



#16
Methylene chloride
Concen: 5.085 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

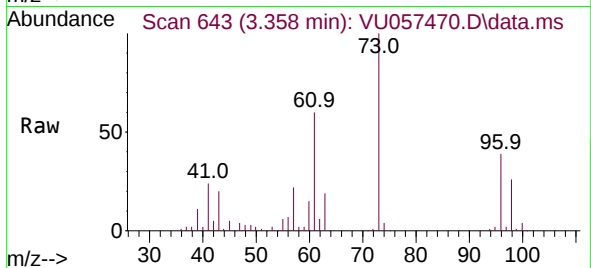
Tgt Ion: 84 Resp: 113951
Ion Ratio Lower Upper
84 100
86 62.6 45.8 85.2
49 126.3 86.7 161.1



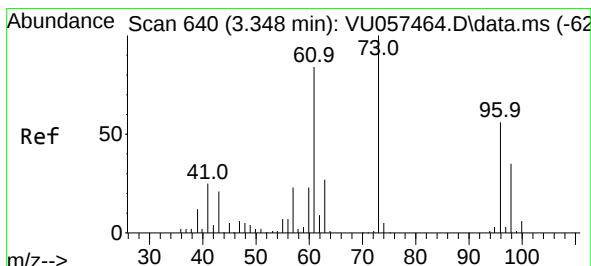
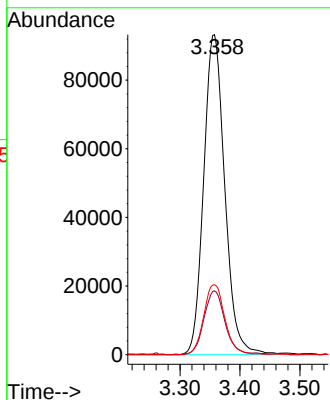
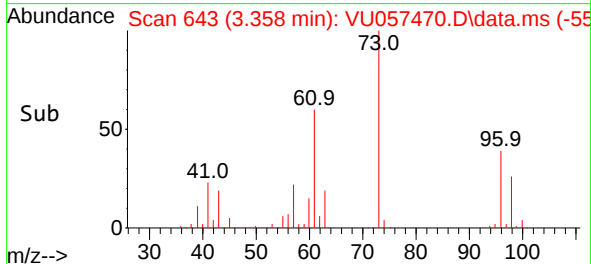


#17
Methyl tert-butyl Ether
Concen: 5.551 ug/L
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

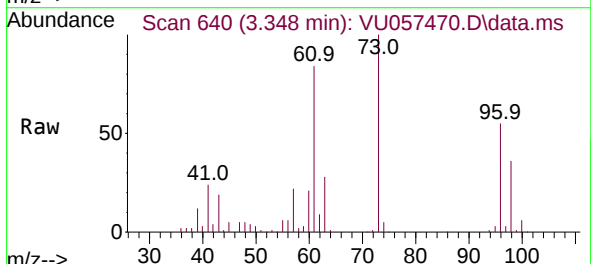
Instrument :
MSVOA_U
ClientSampleId :



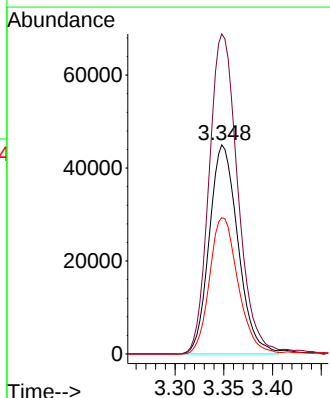
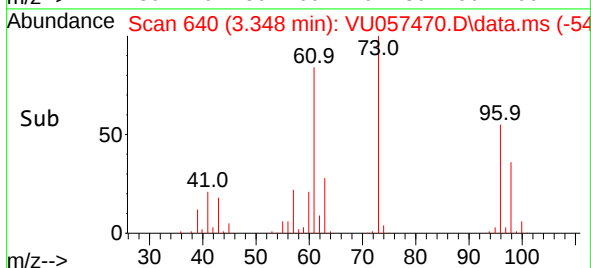
Tgt Ion: 73 Resp: 228223
Ion Ratio Lower Upper
73 100
43 20.2 16.1 24.1
57 21.9 18.2 27.4

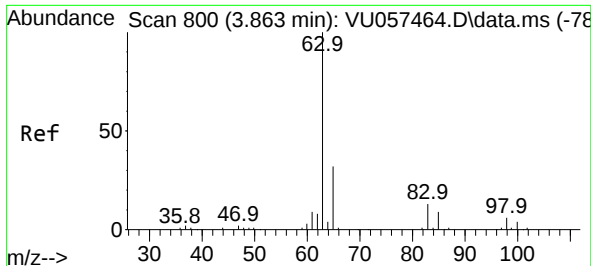


#18
trans-1,2-Dichloroethene
Concen: 5.599 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42



Tgt Ion: 96 Resp: 92106
Ion Ratio Lower Upper
96 100
61 153.0 105.1 195.3
98 65.2 43.7 81.1





#19

1,1-Dichloroethane

Concen: 5.653 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.001 min

Lab File: VU057470.D

Acq: 12 Jan 2024 09:42

Instrument :

MSVOA_U

ClientSampleId :

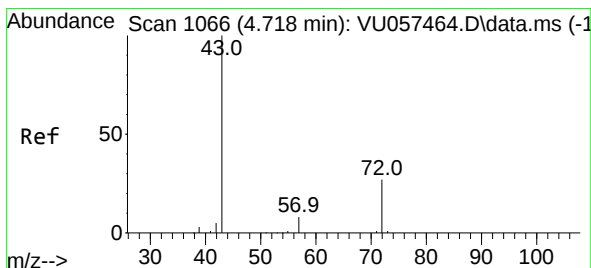
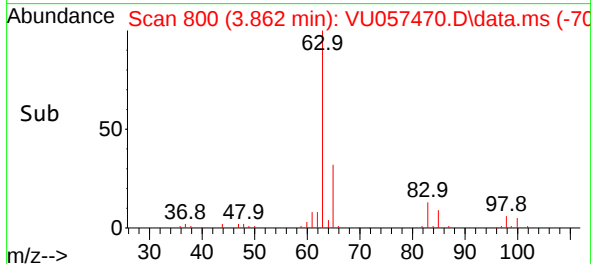
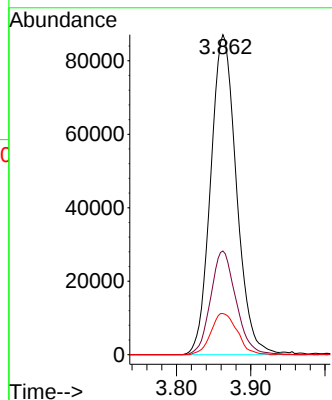
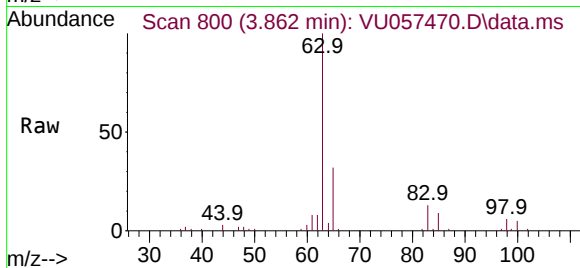
Tgt Ion: 63 Resp: 209825

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.3

83 12.8 9.1 16.9



#21

2-Butanone

Concen: 53.155 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.003 min

Lab File: VU057470.D

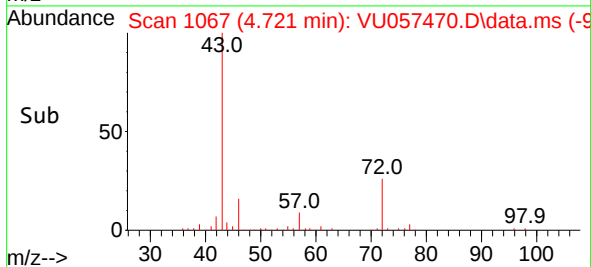
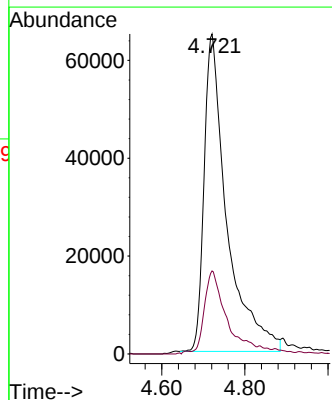
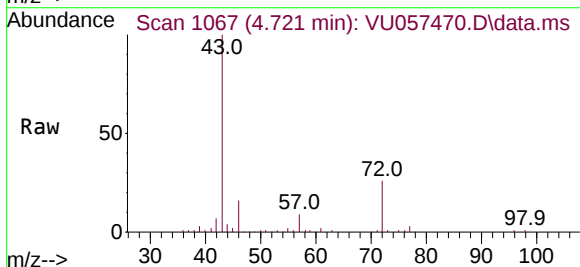
Acq: 12 Jan 2024 09:42

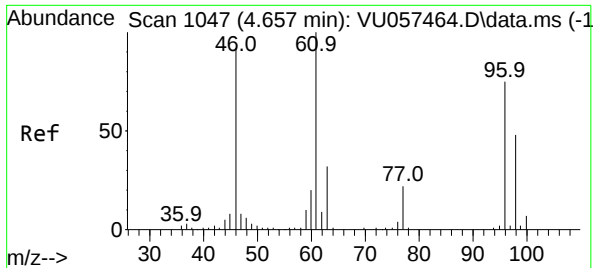
Tgt Ion: 43 Resp: 246077

Ion Ratio Lower Upper

43 100

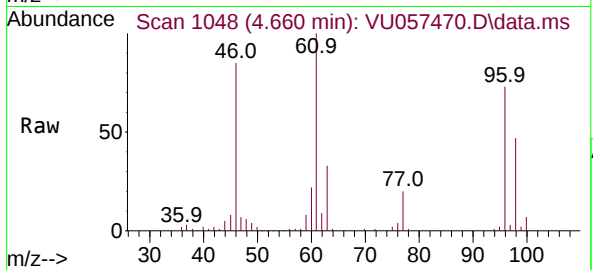
72 21.8 12.7 38.0



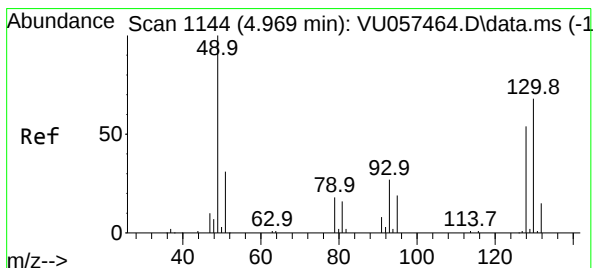
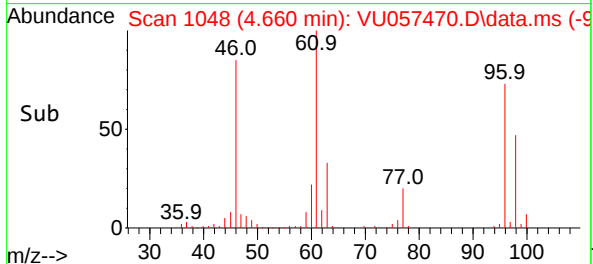
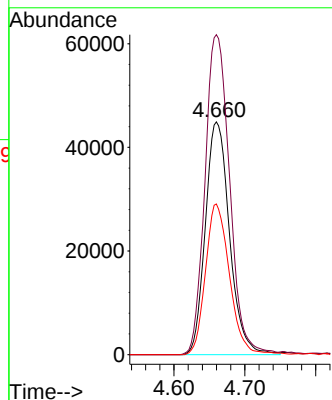


#22
 cis-1,2-Dichloroethene
 Concen: 5.573 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU057470.D
 Acq: 12 Jan 2024 09:42

Instrument :
 MSVOA_U
 ClientSampleId :

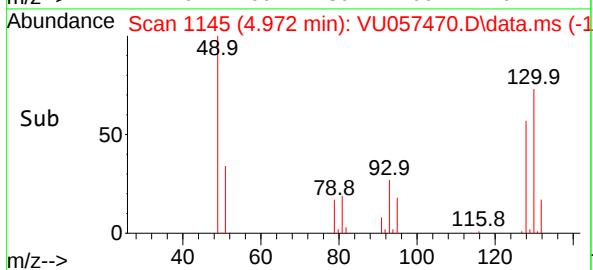
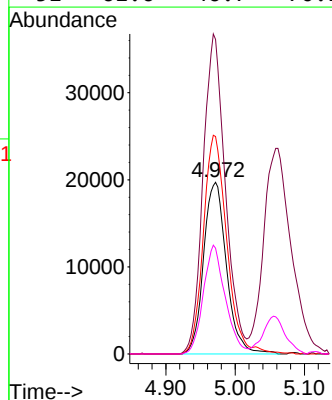
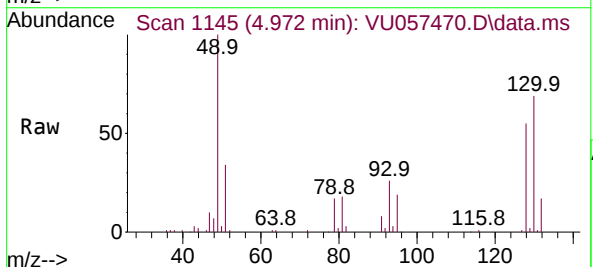


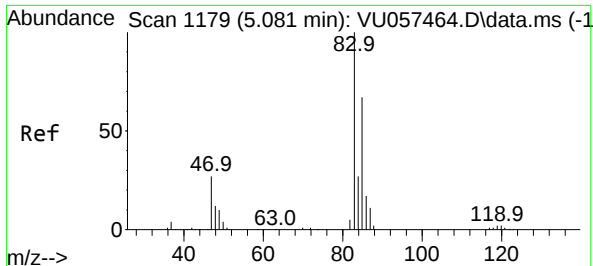
Tgt Ion: 96 Resp: 106722
 Ion Ratio Lower Upper
 96 100
 61 137.4 93.4 173.4
 98 64.7 44.9 83.3



#23
 Bromochloromethane
 Concen: 5.501 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU057470.D
 Acq: 12 Jan 2024 09:42

Tgt Ion: 128 Resp: 45228
 Ion Ratio Lower Upper
 128 100
 49 183.3 130.3 241.9
 130 126.7 88.8 165.0
 51 61.6 46.7 70.1





#25

Chloroform

Concen: 5.688 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU057470.D

Acq: 12 Jan 2024 09:42

Instrument :

MSVOA_U

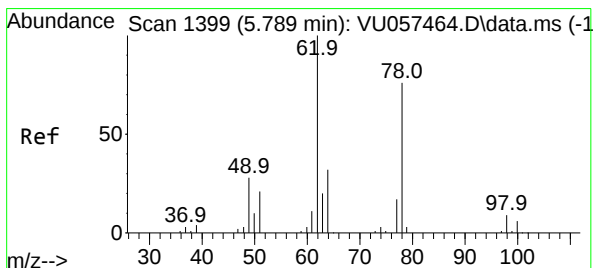
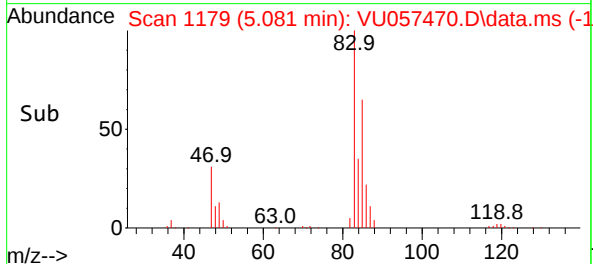
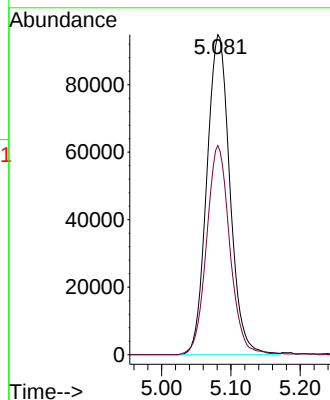
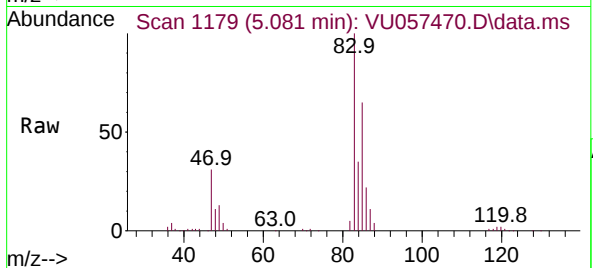
ClientSampleId :

Tgt Ion: 83 Resp: 218957

Ion Ratio Lower Upper

83 100

85 65.4 46.7 86.7



#27

1,2-Dichloroethane

Concen: 5.470 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.001 min

Lab File: VU057470.D

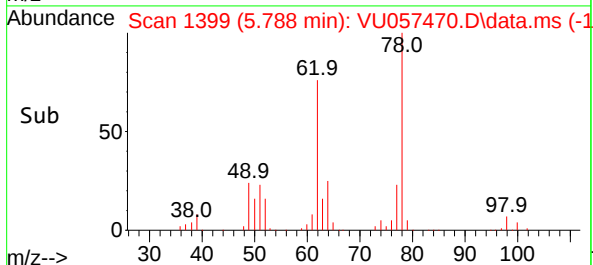
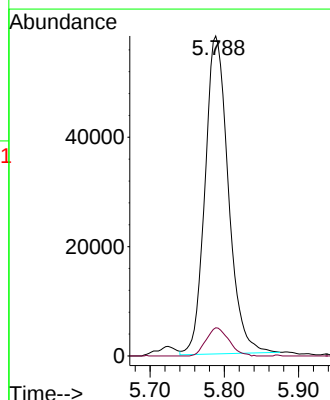
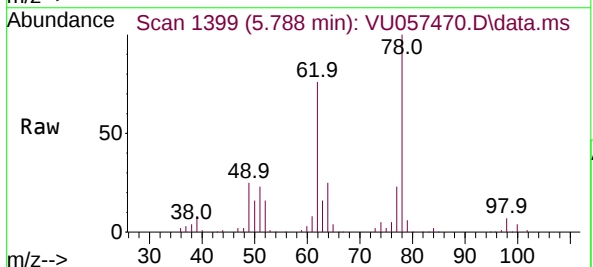
Acq: 12 Jan 2024 09:42

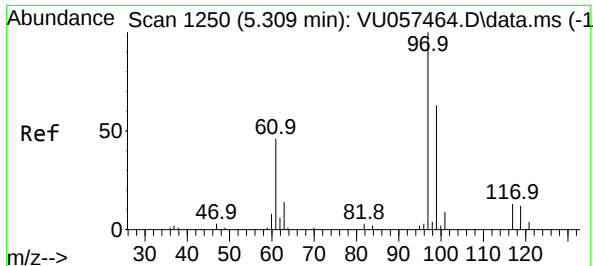
Tgt Ion: 62 Resp: 126799

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.0

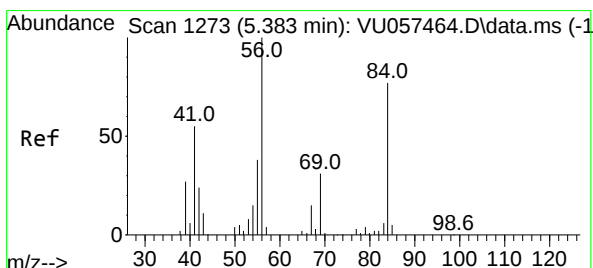
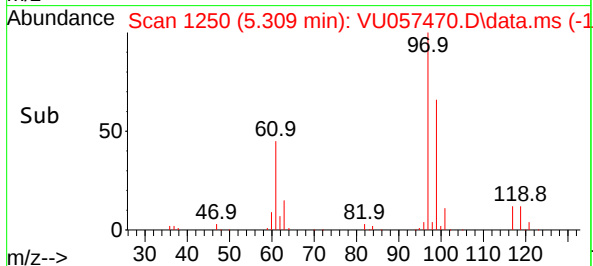
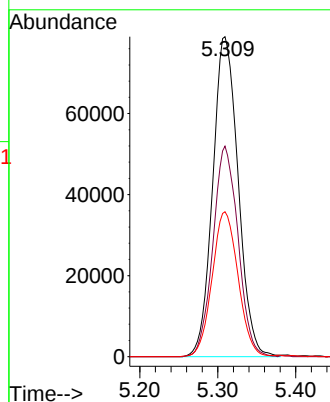
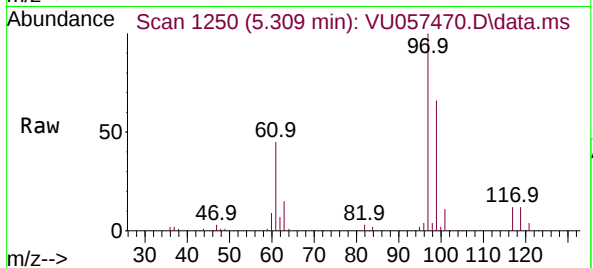




#29
1,1,1-Trichloroethane
Concen: 5.324 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

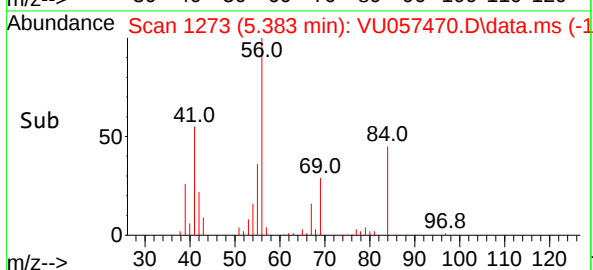
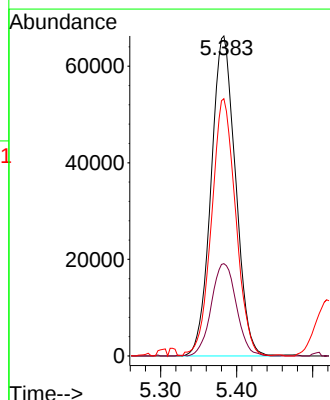
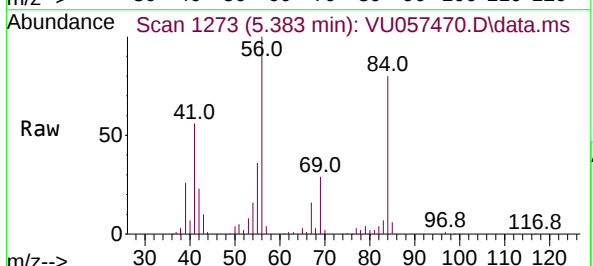
Instrument :
MSVOA_U
ClientSampleId :

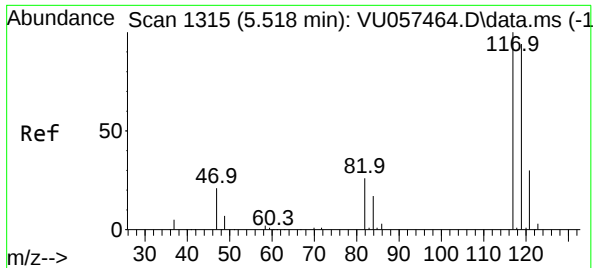
Tgt Ion: 97 Resp: 179324
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 46.2 36.9 55.3



#30
Cyclohexane
Concen: 5.393 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

Tgt Ion: 56 Resp: 147715
Ion Ratio Lower Upper
56 100
69 29.6 24.1 36.1
84 79.6 64.8 97.2

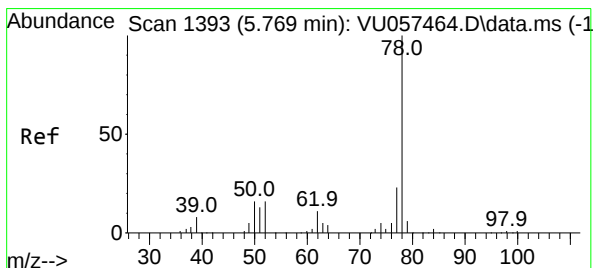
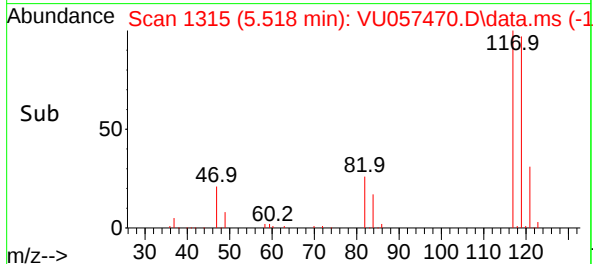
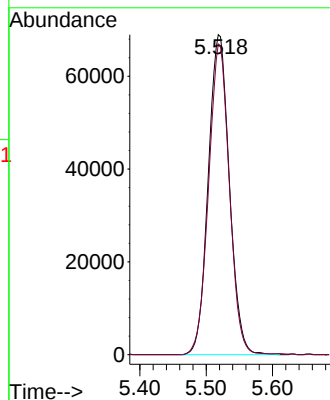
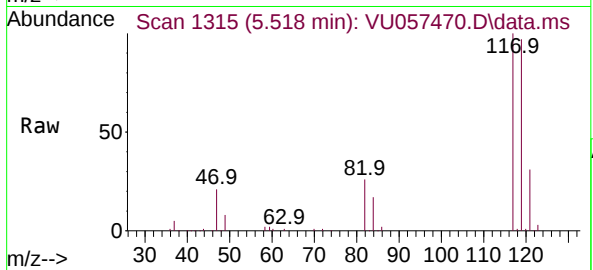




#31
Carbon tetrachloride
Concen: 5.475 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

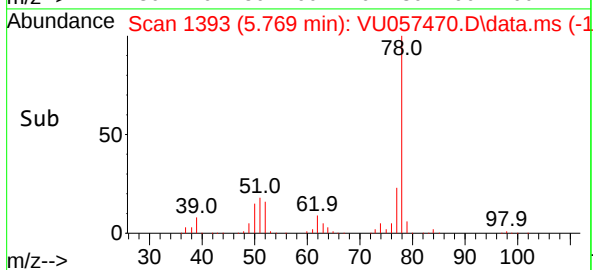
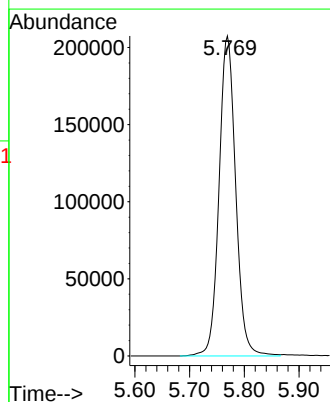
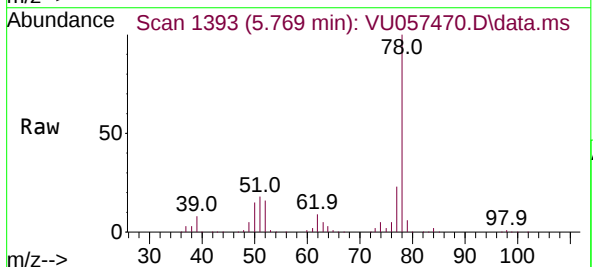
Instrument :
MSVOA_U
ClientSampleId :

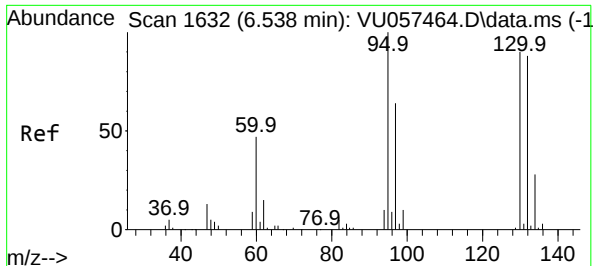
Tgt Ion:117 Resp: 152270
Ion Ratio Lower Upper
117 100
119 95.6 78.0 117.0



#33
Benzene
Concen: 5.465 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

Tgt Ion: 78 Resp: 438412





#34

Trichloroethene

Concen: 5.264 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.001 min

Lab File: VU057470.D

Acq: 12 Jan 2024 09:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 110905

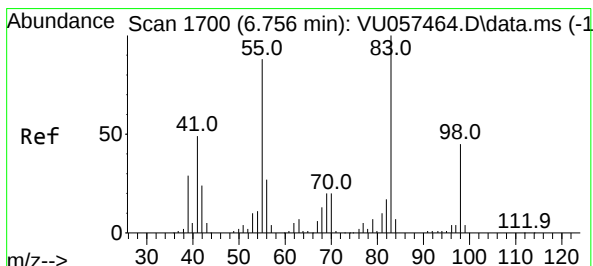
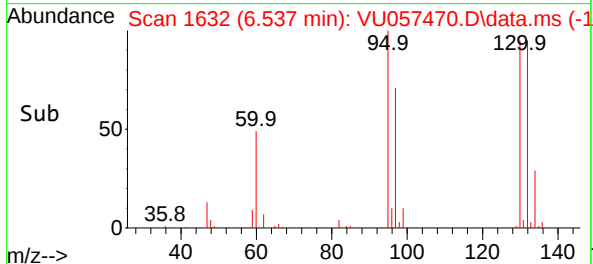
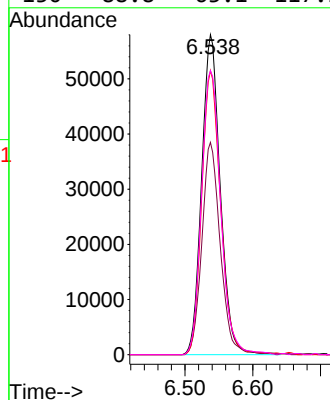
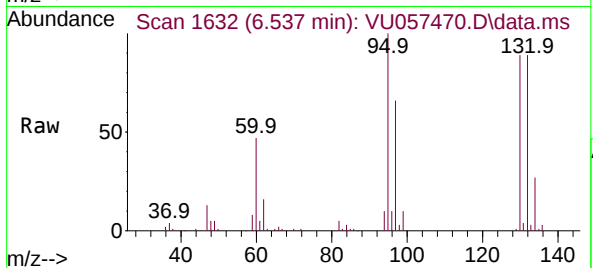
Ion Ratio Lower Upper

95 100

97 66.4 45.0 83.6

132 88.8 61.7 114.5

130 88.8 63.1 117.3



#35

Methylcyclohexane

Concen: 5.145 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VU057470.D

Acq: 12 Jan 2024 09:42

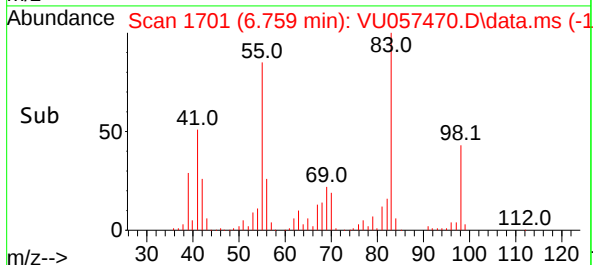
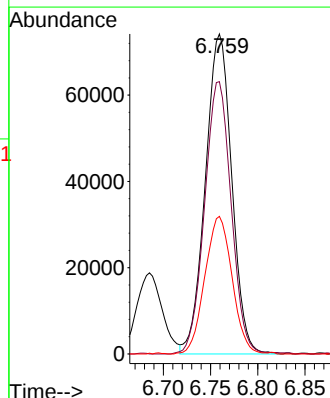
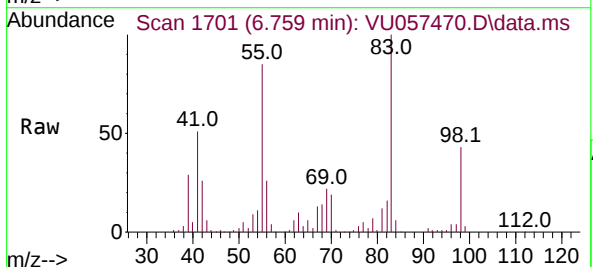
Tgt Ion: 83 Resp: 144129

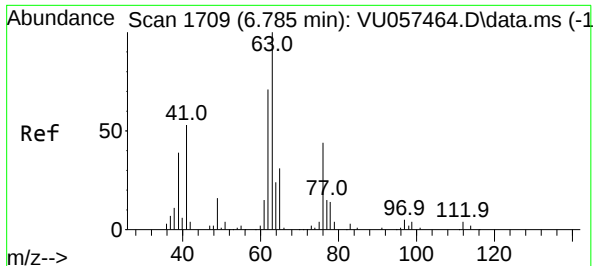
Ion Ratio Lower Upper

83 100

55 85.9 68.7 103.1

98 44.3 36.3 54.5





#37

1,2-Dichloropropane

Concen: 5.322 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057470.D

Acq: 12 Jan 2024 09:42

Instrument :

MSVOA_U

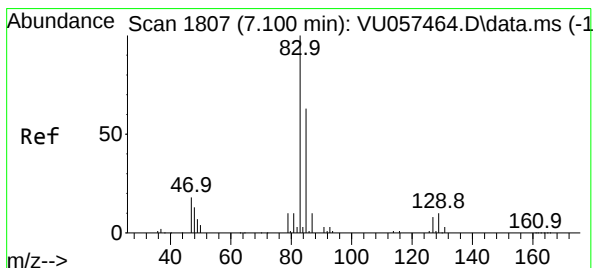
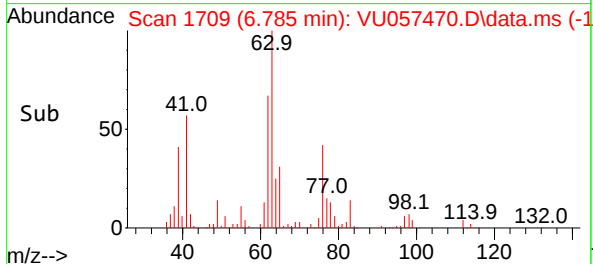
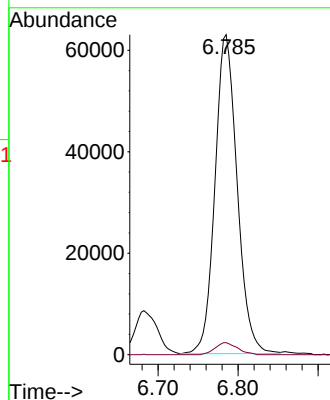
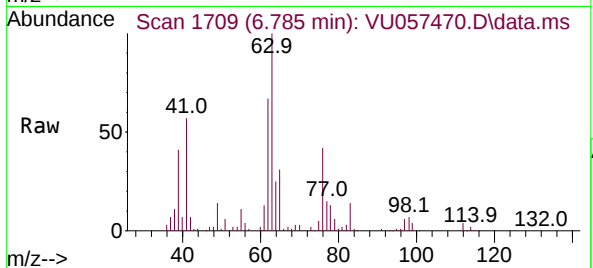
ClientSampleId :

Tgt Ion: 63 Resp: 121074

Ion Ratio Lower Upper

63 100

112 3.8 2.7 4.1



#38

Bromodichloromethane

Concen: 5.414 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU057470.D

Acq: 12 Jan 2024 09:42

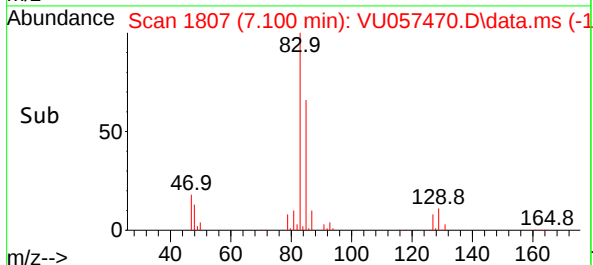
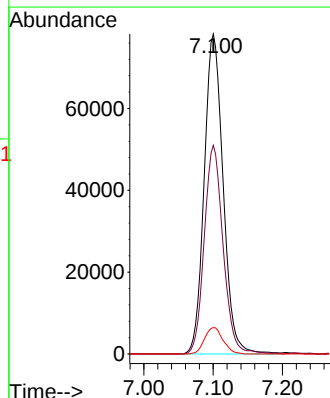
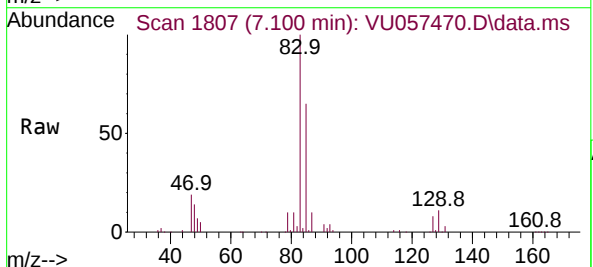
Tgt Ion: 83 Resp: 148282

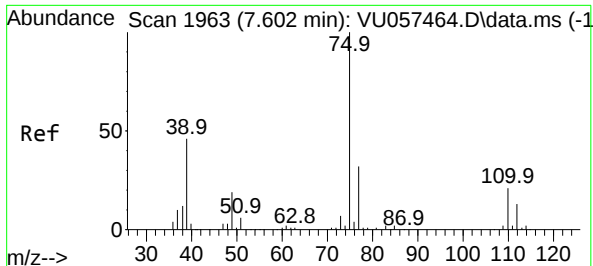
Ion Ratio Lower Upper

83 100

85 65.2 44.3 82.3

127 8.2 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.138 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU057470.D

Acq: 12 Jan 2024 09:42

Instrument :

MSVOA_U

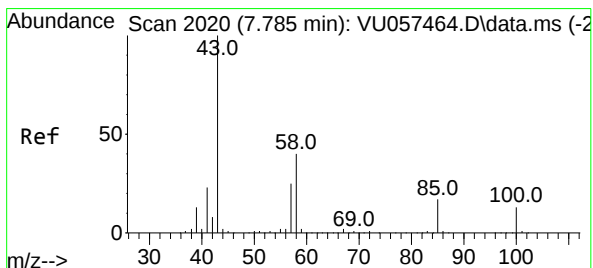
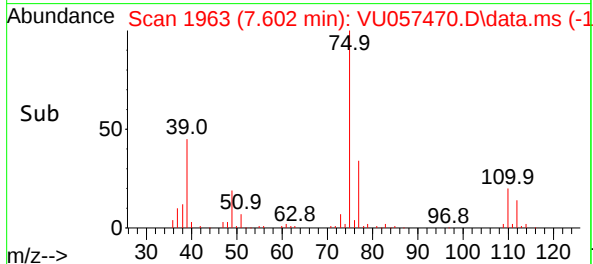
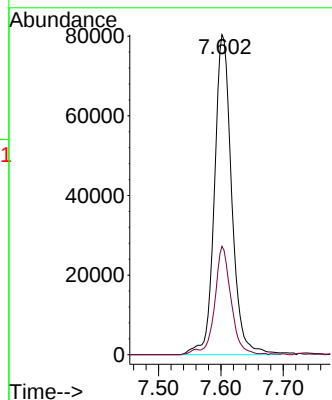
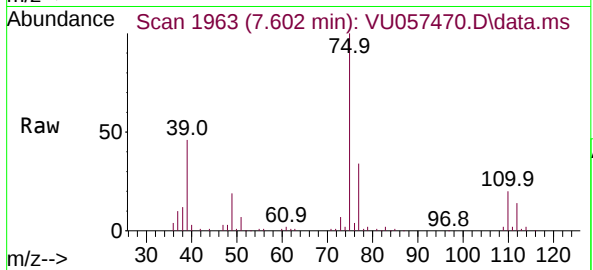
ClientSampleId :

Tgt Ion: 75 Resp: 154494

Ion Ratio Lower Upper

75 100

77 33.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 54.319 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU057470.D

Acq: 12 Jan 2024 09:42

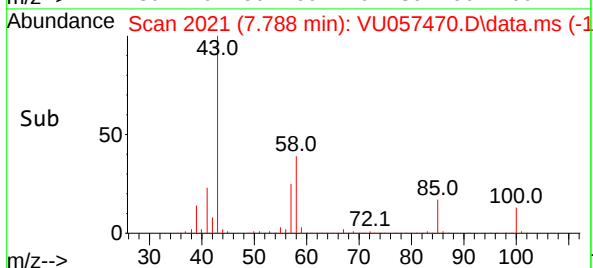
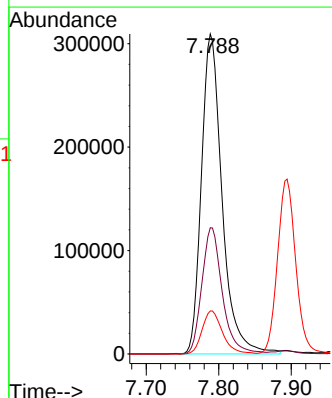
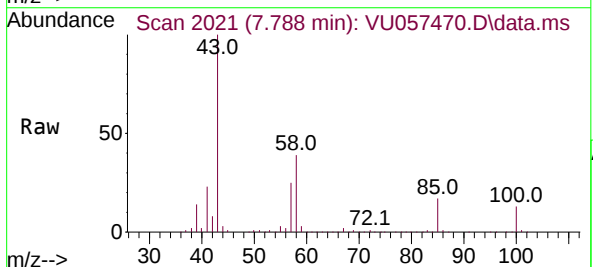
Tgt Ion: 43 Resp: 613439

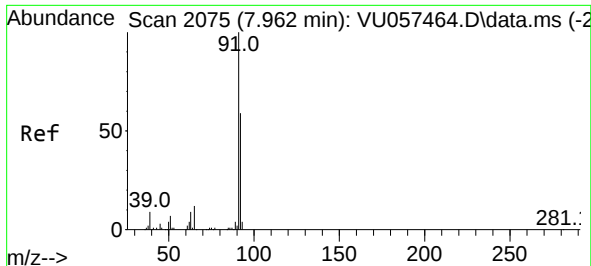
Ion Ratio Lower Upper

43 100

58 39.1 31.4 47.2

100 13.3 10.7 16.1





#42

Toluene

Concen: 5.729 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU057470.D

Acq: 12 Jan 2024 09:42

Instrument :

MSVOA_U

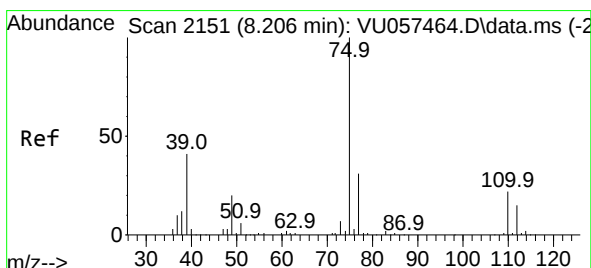
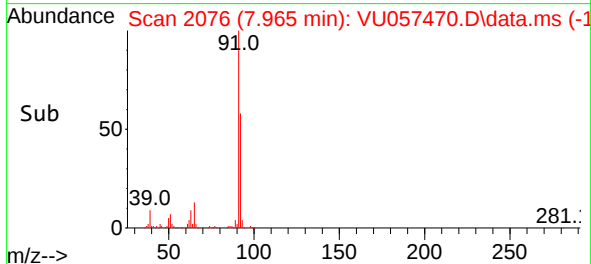
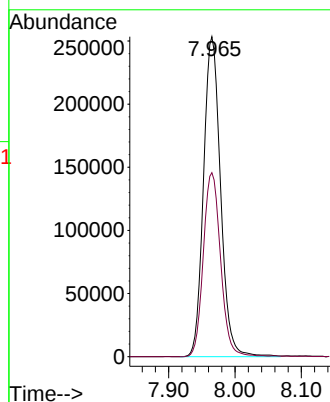
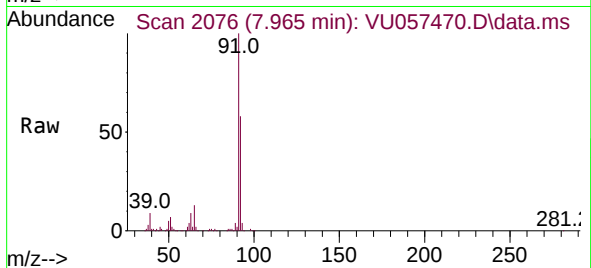
ClientSampleId :

Tgt Ion: 91 Resp: 452908

Ion Ratio Lower Upper

91 100

92 57.5 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.152 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057470.D

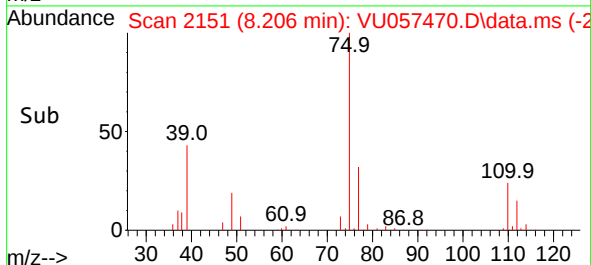
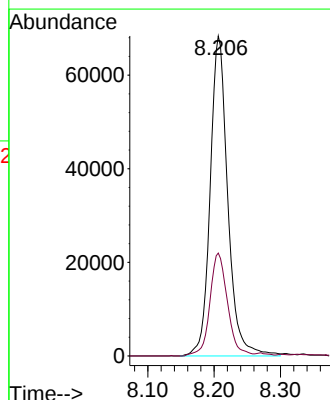
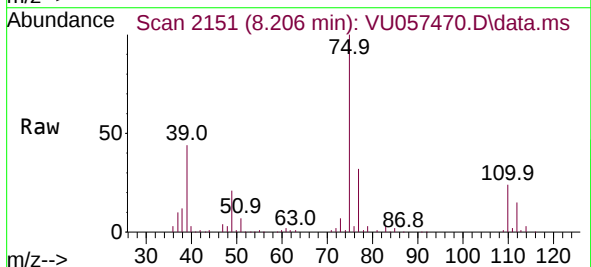
Acq: 12 Jan 2024 09:42

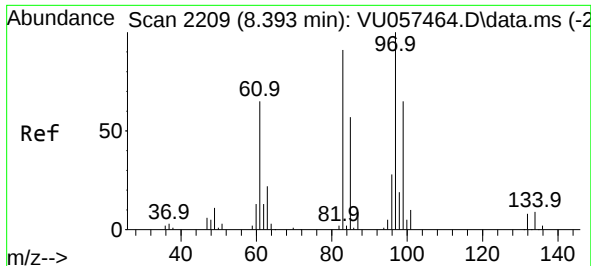
Tgt Ion: 75 Resp: 126102

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1

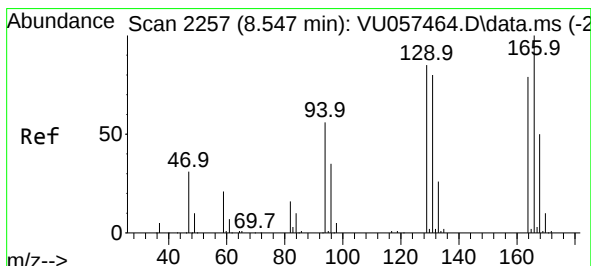
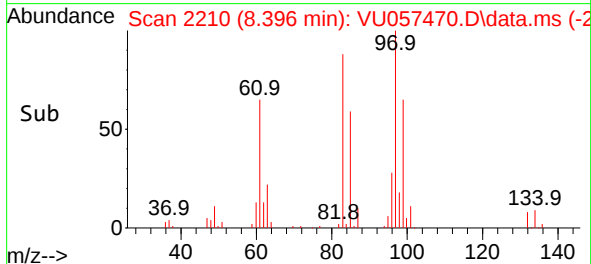
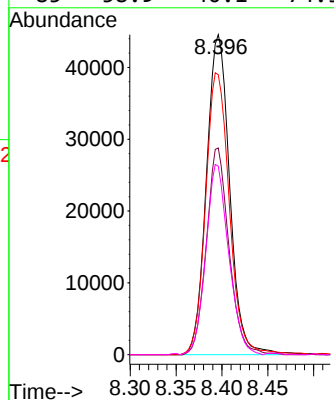
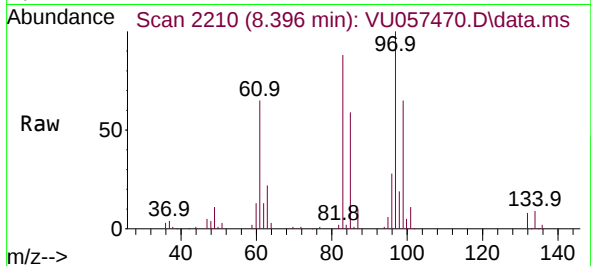




#45
1,1,2-Trichloroethane
Concen: 5.350 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

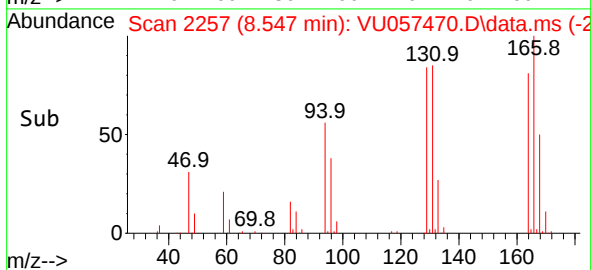
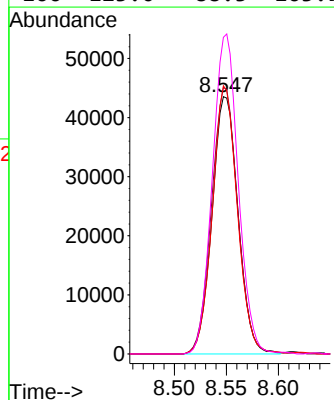
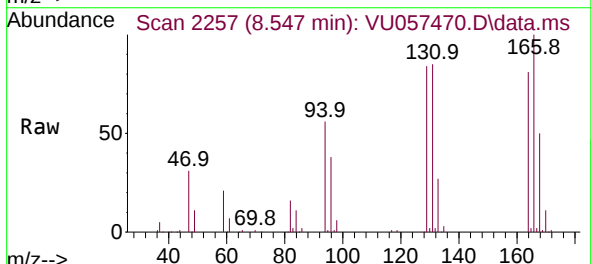
Instrument :
MSVOA_U
ClientSampleId :

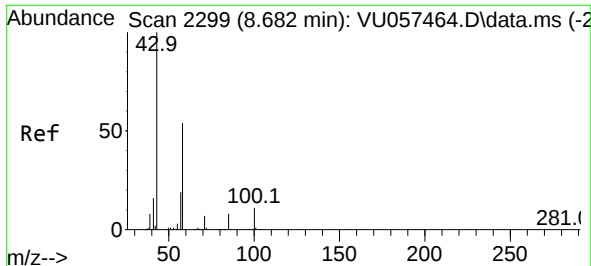
Tgt Ion:	97	Resp:	78487
Ion	Ratio	Lower	Upper
97	100		
99	64.6	45.5	84.5
83	87.5	63.8	118.6
85	58.9	40.1	74.5



#47
Tetrachloroethene
Concen: 5.412 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

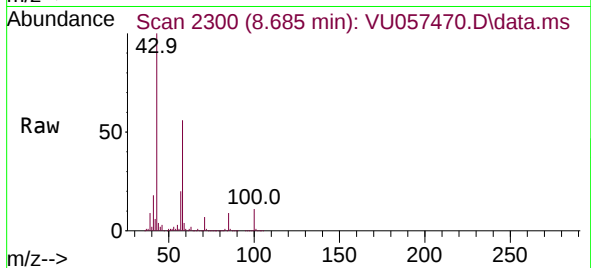
Tgt Ion:	164	Resp:	75727
Ion	Ratio	Lower	Upper
164	100		
129	103.5	74.8	138.8
131	104.2	70.3	130.7
166	123.0	88.3	163.9



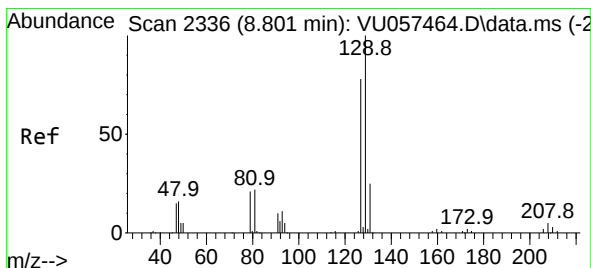
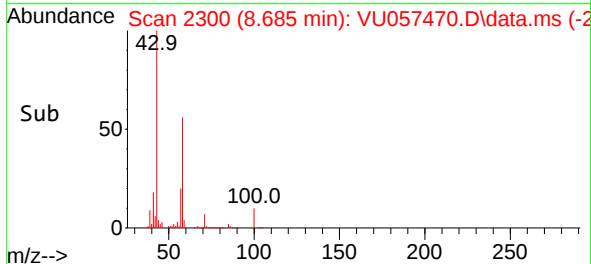
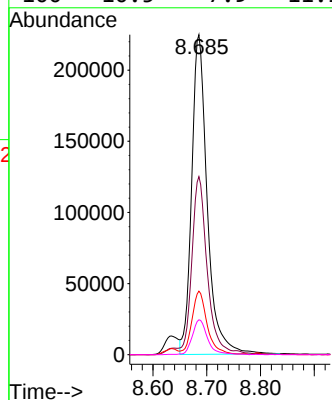


#48
2-Hexanone
Concen: 54.832 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

Instrument :
MSVOA_U
ClientSampleId :

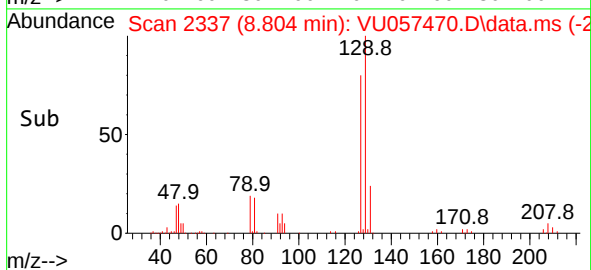
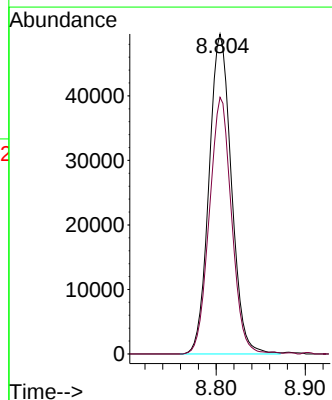
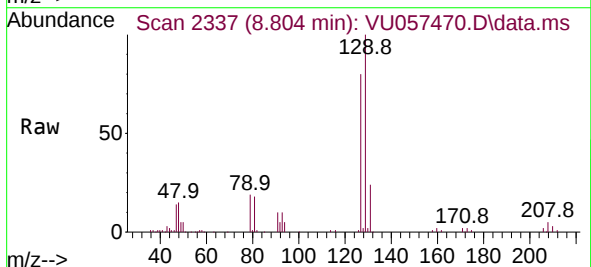


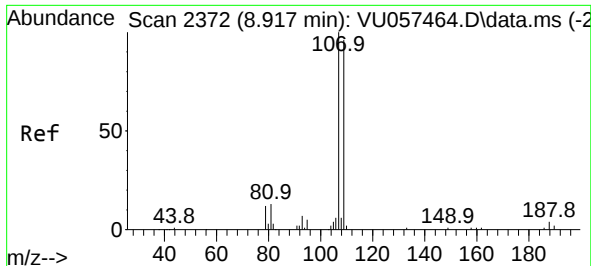
Tgt Ion: 43 Resp: 452225
Ion Ratio Lower Upper
43 100
58 54.4 43.1 64.7
57 19.1 15.5 23.3
100 10.5 7.9 11.9



#49
Dibromochloromethane
Concen: 5.495 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

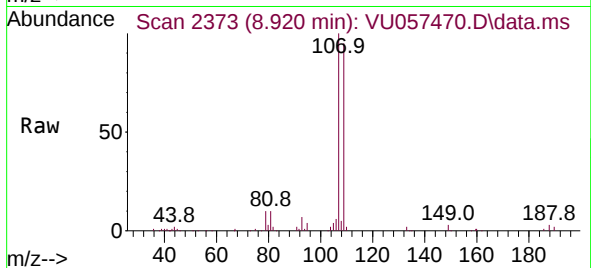
Tgt Ion: 129 Resp: 86504
Ion Ratio Lower Upper
129 100
127 80.2 54.7 101.7



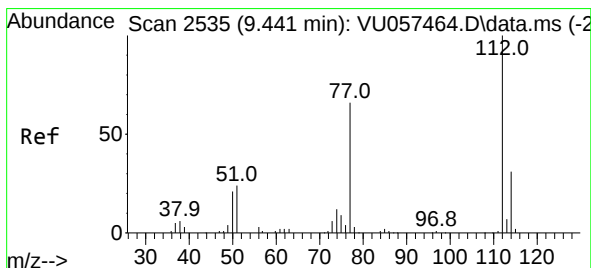
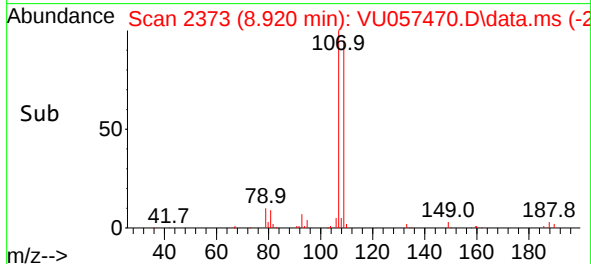
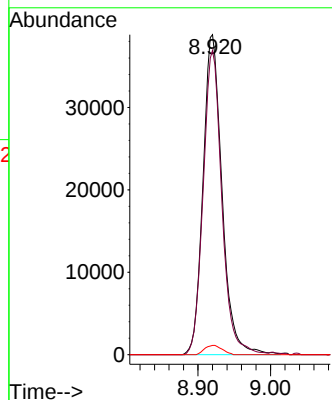


#50
1,2-Dibromoethane
Concen: 5.861 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

Instrument :
MSVOA_U
ClientSampleId :

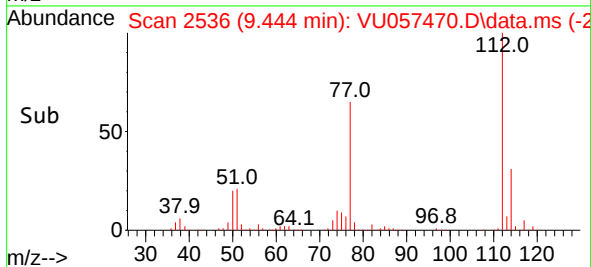
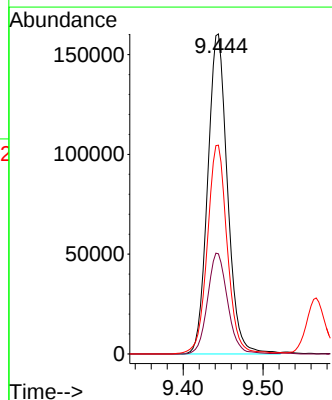
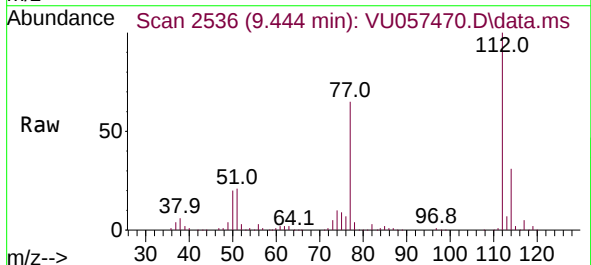


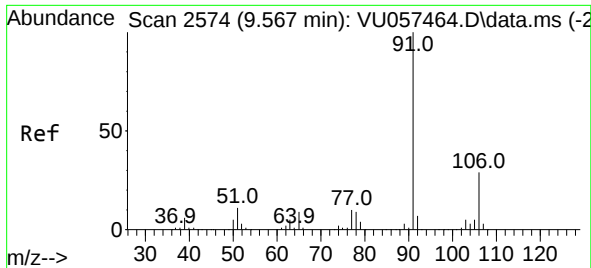
Tgt Ion:107 Resp: 70853
Ion Ratio Lower Upper
107 100
109 95.1 67.1 124.7
188 2.9 3.0 4.4#



#51
Chlorobenzene
Concen: 5.529 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

Tgt Ion:112 Resp: 275580
Ion Ratio Lower Upper
112 100
114 31.3 22.0 40.8
77 65.3 53.4 80.0

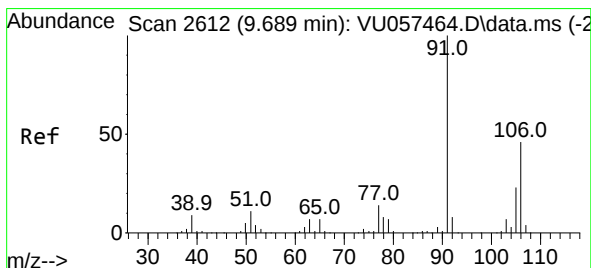
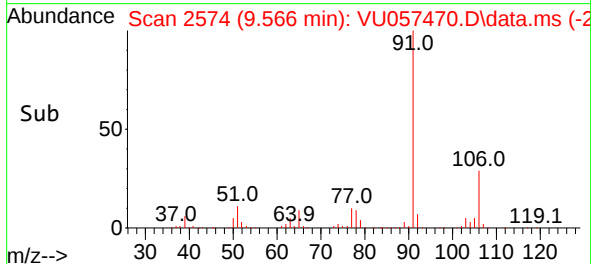
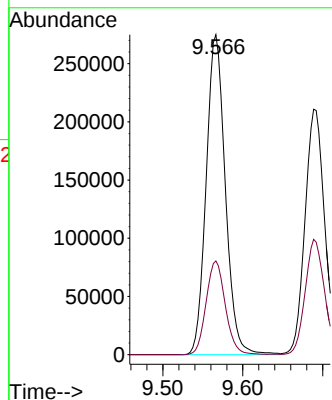
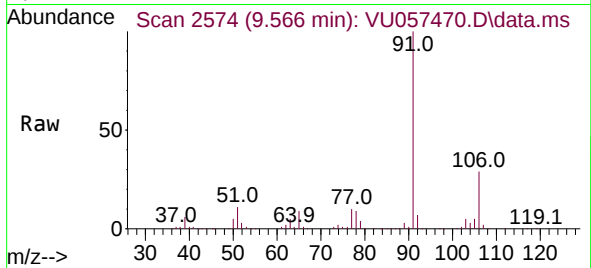




#52
Ethylbenzene
Concen: 5.641 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

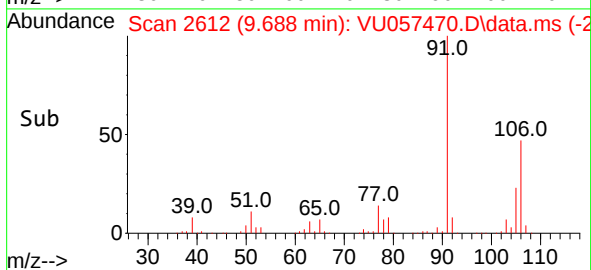
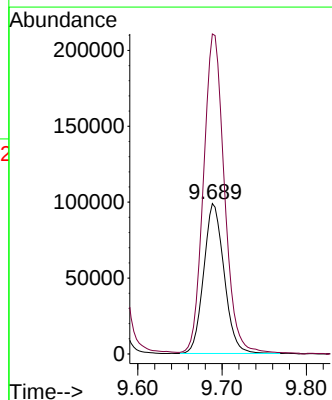
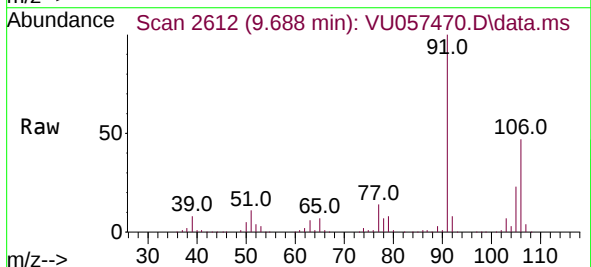
Instrument :
MSVOA_U
ClientSampleId :

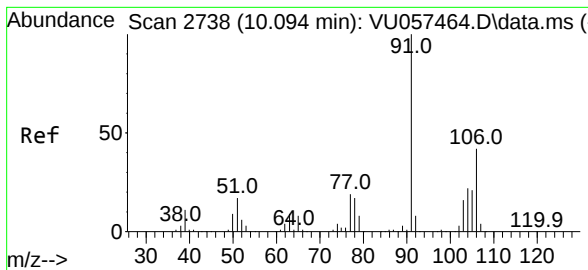
Tgt Ion: 91 Resp: 458707
Ion Ratio Lower Upper
91 100
106 29.3 20.5 38.1



#53
m,p-Xylene
Concen: 5.692 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.001 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

Tgt Ion: 106 Resp: 166719
Ion Ratio Lower Upper
106 100
91 212.8 153.4 285.0

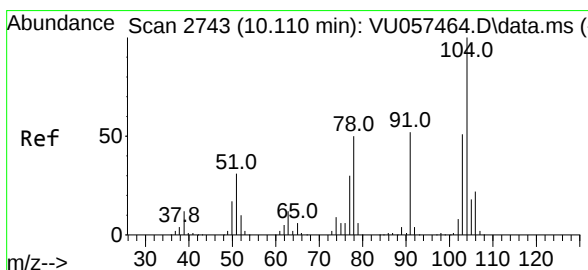
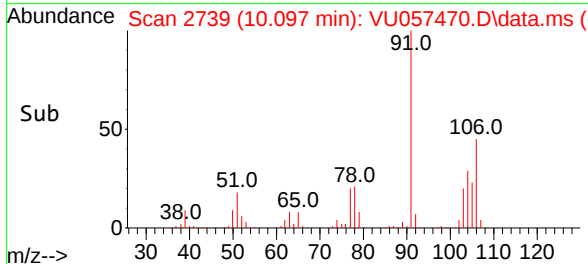
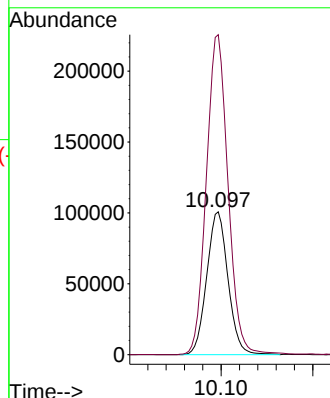
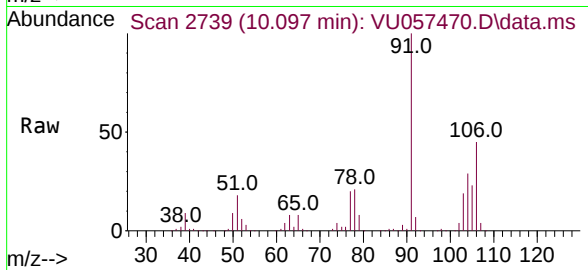




#54
o-Xylene
Concen: 5.783 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

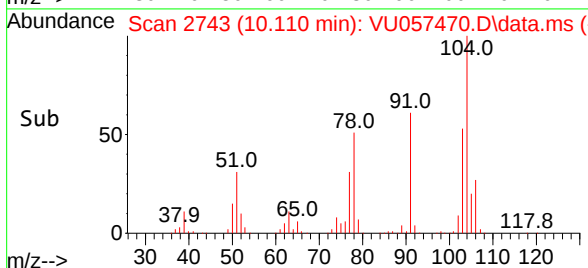
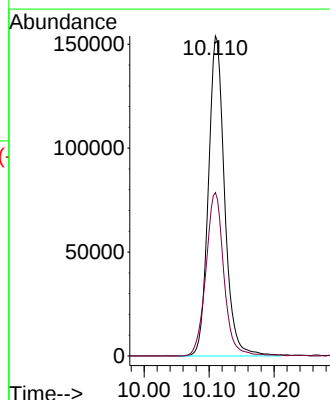
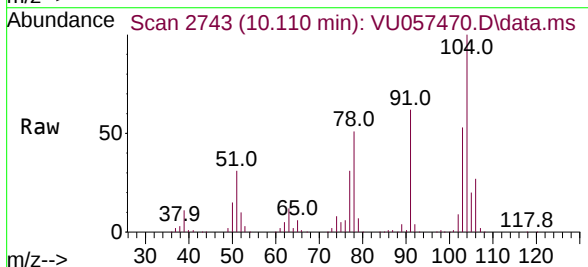
Instrument :
MSVOA_U
ClientSampleId :

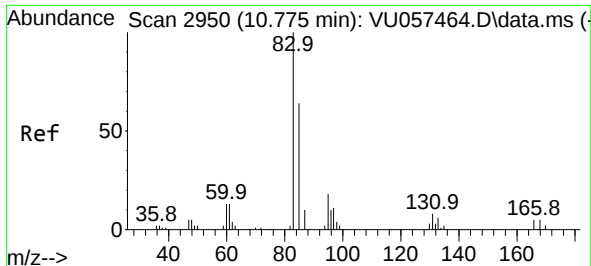
Tgt Ion:106 Resp: 162525
Ion Ratio Lower Upper
106 100
91 223.8 165.1 306.5



#55
Styrene
Concen: 5.789 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

Tgt Ion:104 Resp: 267907
Ion Ratio Lower Upper
104 100
78 51.1 35.1 65.3

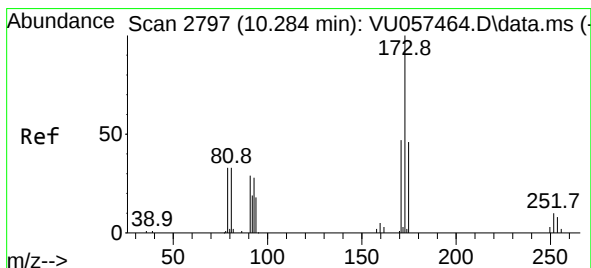
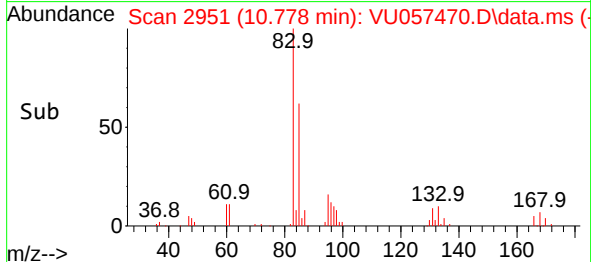
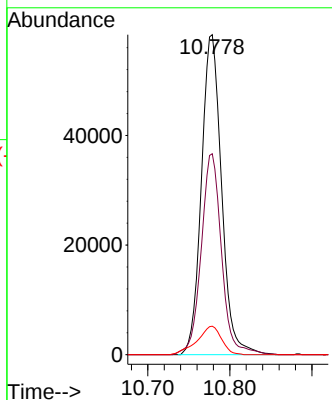
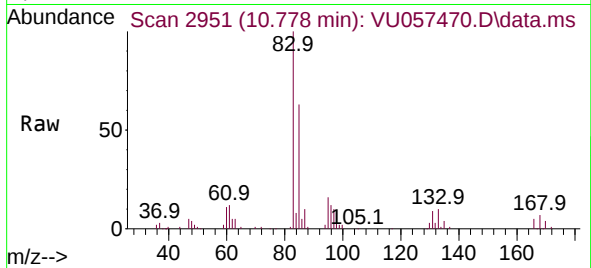




#57
1,1,2,2-Tetrachloroethane
Concen: 5.605 ug/L
RT: 10.778 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

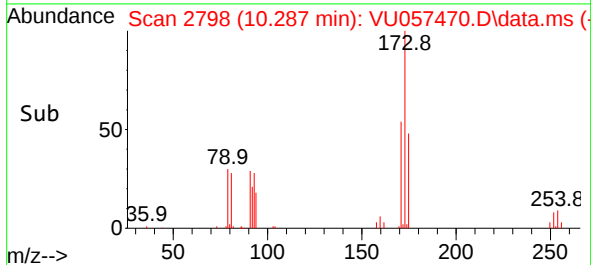
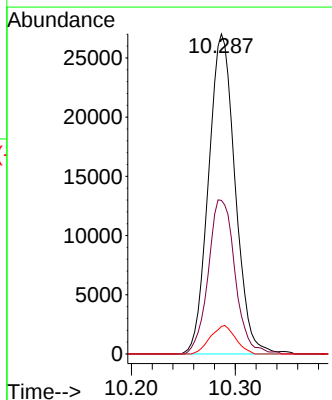
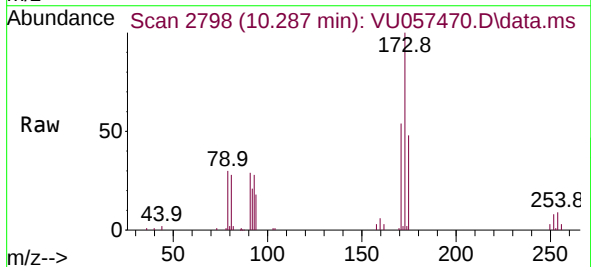
Instrument :
MSVOA_U
ClientSampleId :

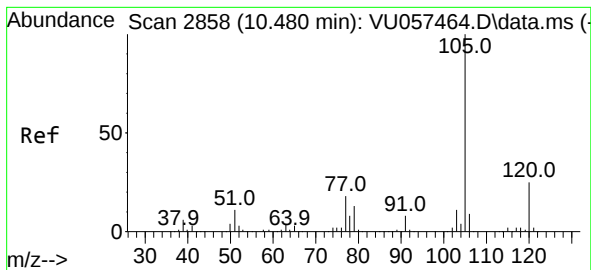
Tgt Ion: 83 Resp: 99701
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.9
131 8.9 6.7 10.1



#59
Bromoform
Concen: 5.949 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

Tgt Ion: 173 Resp: 47986
Ion Ratio Lower Upper
173 100
175 48.5 38.3 57.5
254 8.4 6.6 9.8





#60

Isopropylbenzene

Concen: 5.991 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.001 min

Lab File: VU057470.D

Acq: 12 Jan 2024 09:42

Instrument :

MSVOA_U

ClientSampleId :

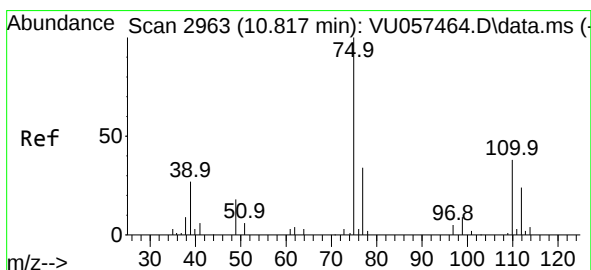
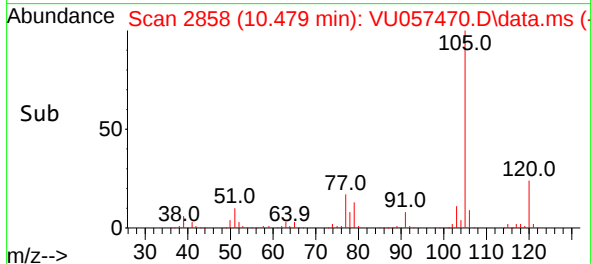
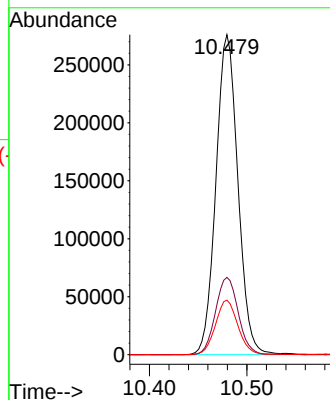
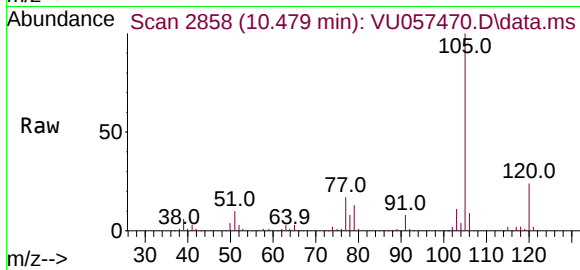
Tgt Ion:105 Resp: 431916

Ion Ratio Lower Upper

105 100

120 25.1 19.4 29.2

77 17.3 14.4 21.6



#61

1,2,3-Trichloropropane

Concen: 5.718 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU057470.D

Acq: 12 Jan 2024 09:42

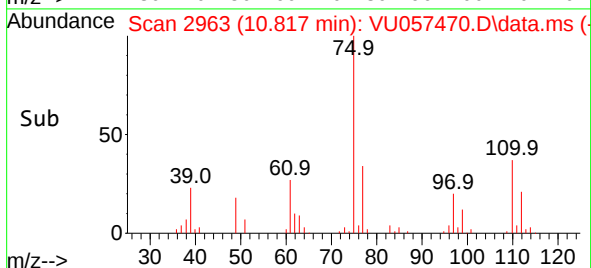
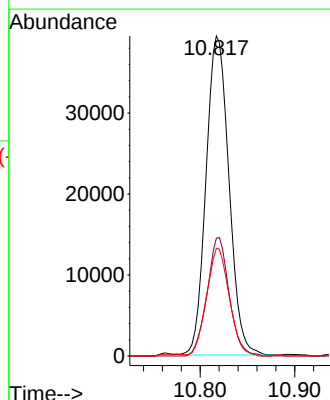
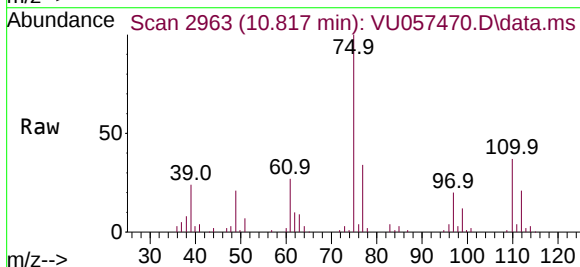
Tgt Ion: 75 Resp: 66317

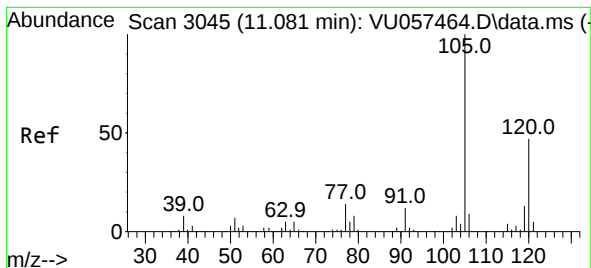
Ion Ratio Lower Upper

75 100

110 35.7 29.4 44.0

77 33.5 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 5.899 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU057470.D

Acq: 12 Jan 2024 09:42

Instrument :

MSVOA_U

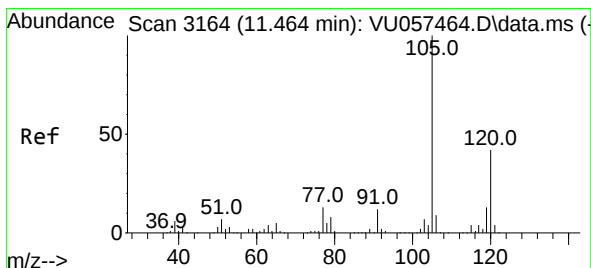
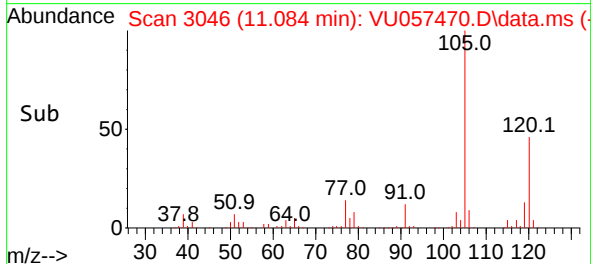
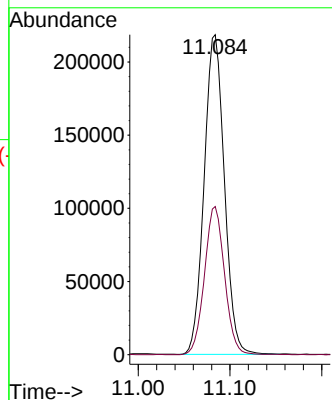
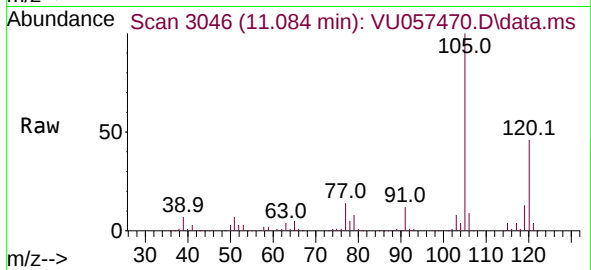
ClientSampleId :

Tgt Ion:105 Resp: 335273

Ion Ratio Lower Upper

105 100

120 45.9 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 5.846 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.001 min

Lab File: VU057470.D

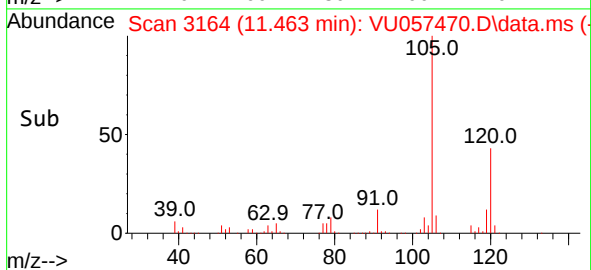
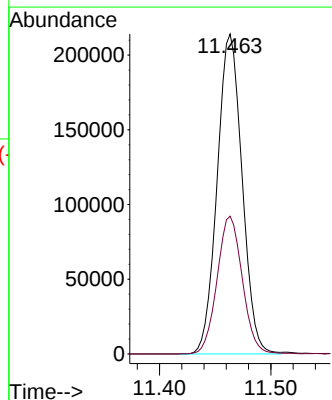
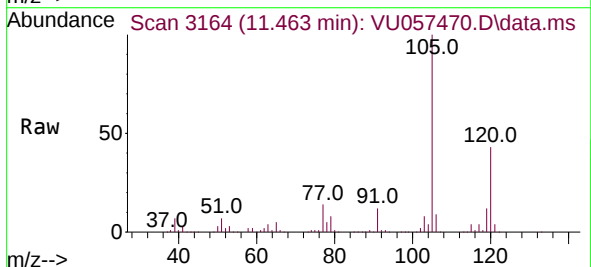
Acq: 12 Jan 2024 09:42

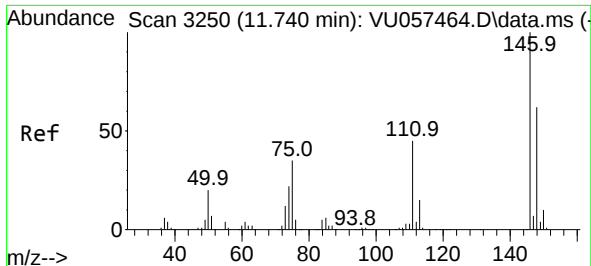
Tgt Ion:105 Resp: 332624

Ion Ratio Lower Upper

105 100

120 43.6 33.8 50.8

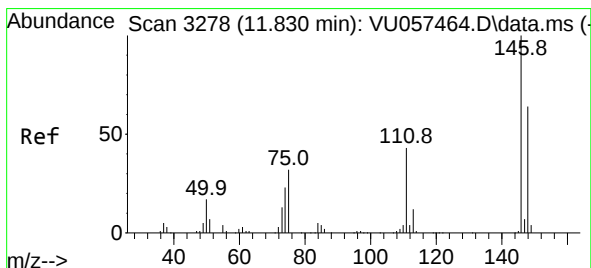
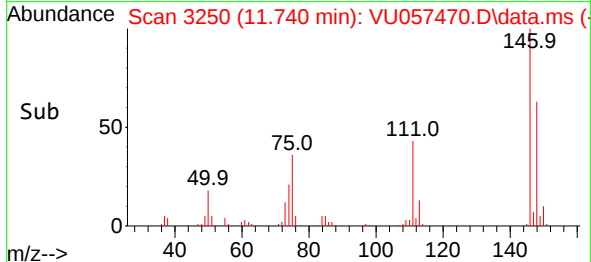
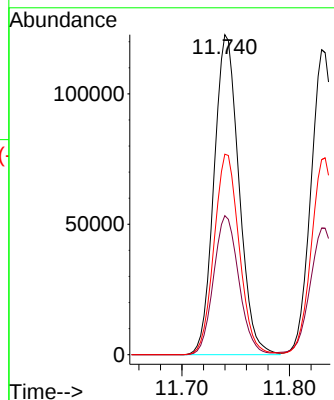
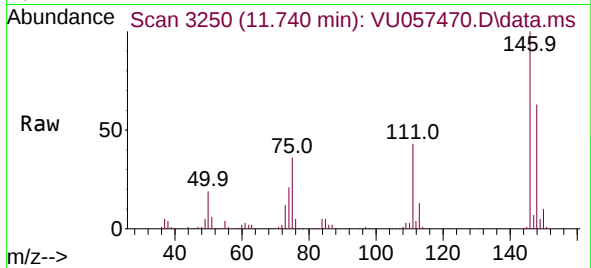




#64
1,3-Dichlorobenzene
Concen: 5.639 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

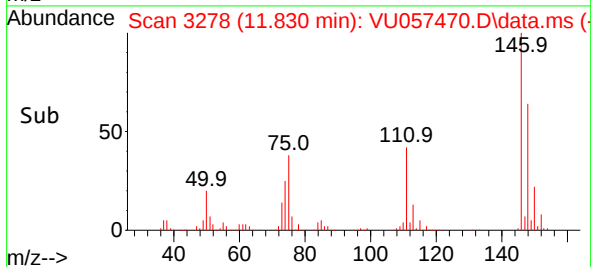
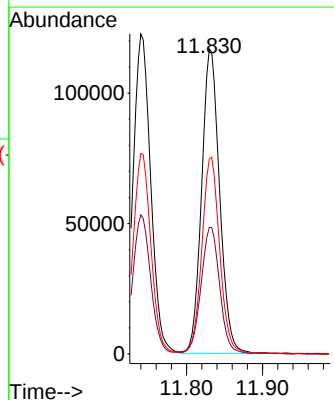
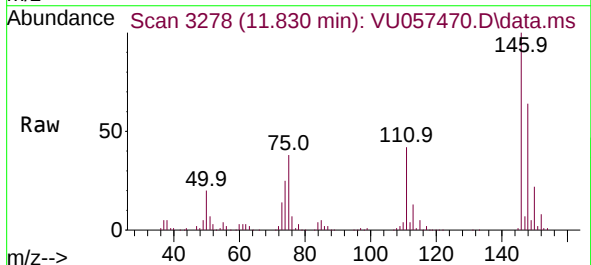
Instrument :
MSVOA_U
ClientSampleId :

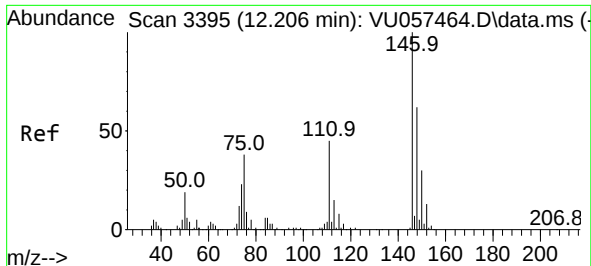
Tgt Ion:146 Resp: 197893
Ion Ratio Lower Upper
146 100
111 43.4 31.1 57.9
148 62.6 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 5.517 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

Tgt Ion:146 Resp: 192184
Ion Ratio Lower Upper
146 100
111 41.5 30.3 56.3
148 64.0 44.7 83.1

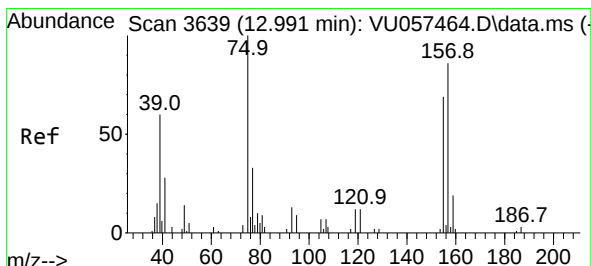
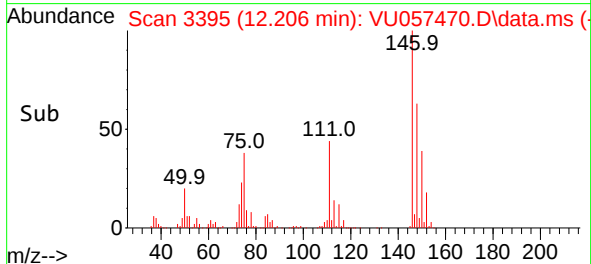
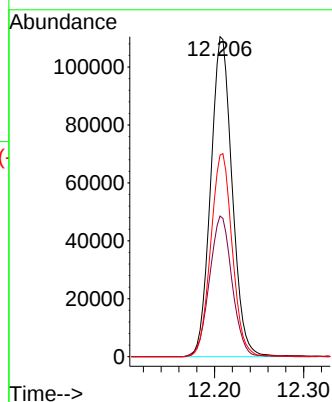
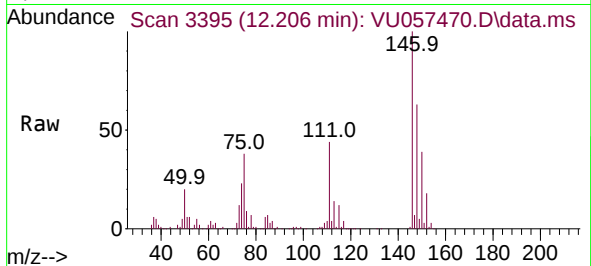




#67
1,2-Dichlorobenzene
Concen: 5.685 ug/L
RT: 12.206 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

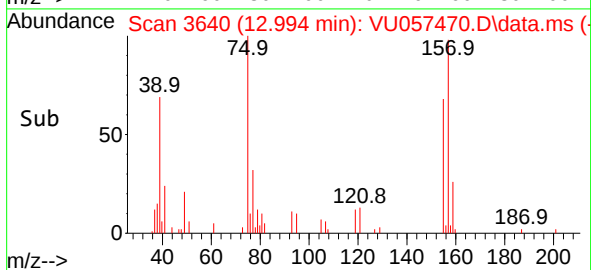
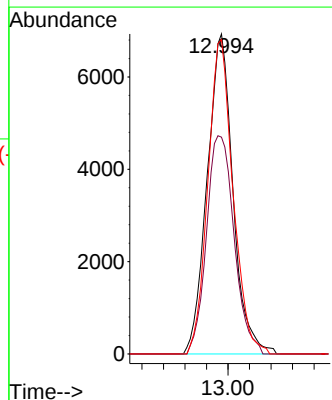
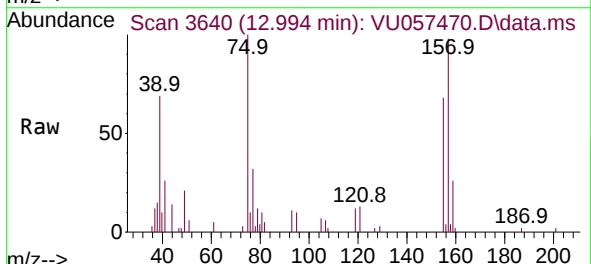
Instrument :
MSVOA_U
ClientSampleId :

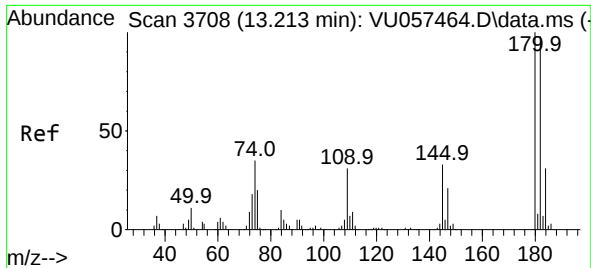
Tgt Ion:146 Resp: 184784
Ion Ratio Lower Upper
146 100
111 44.0 36.2 54.4
148 63.0 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.177 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.003 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

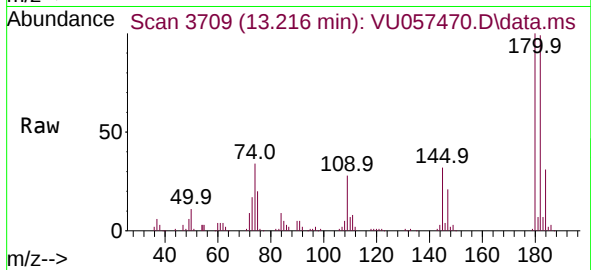
Tgt Ion: 75 Resp: 11515
Ion Ratio Lower Upper
75 100
155 67.8 55.4 83.0
157 98.3 68.6 102.8



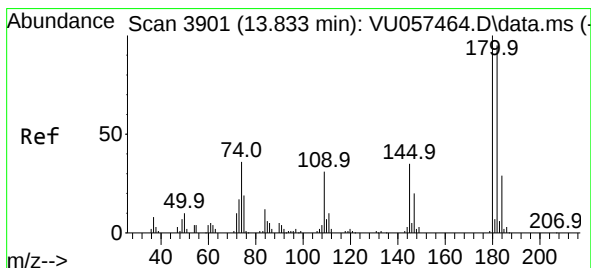
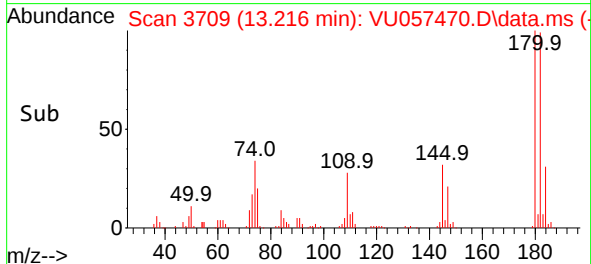
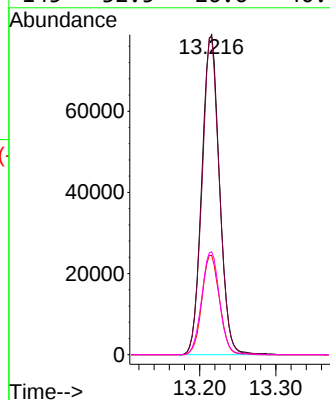


#69
 1,3,5-Trichlorobenzene
 Concen: 5.404 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU057470.D
 Acq: 12 Jan 2024 09:42

Instrument :
 MSVOA_U
 ClientSampleId :

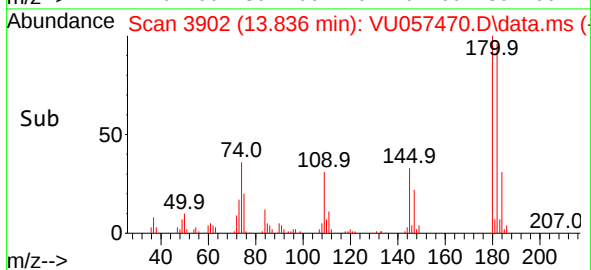
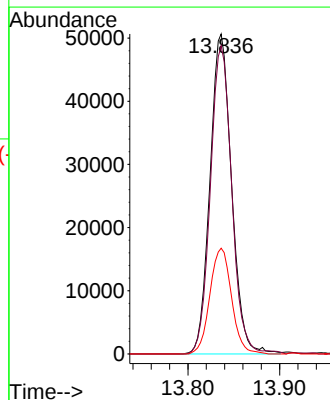
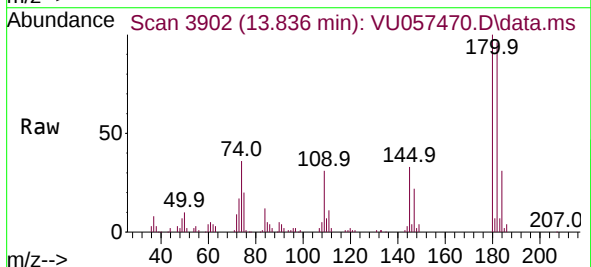


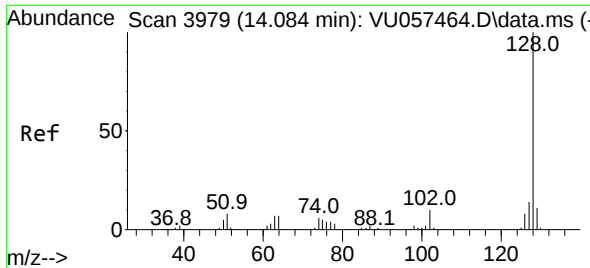
Tgt Ion:180 Resp: 127120
 Ion Ratio Lower Upper
 180 100
 182 97.8 76.6 115.0
 184 31.1 24.6 37.0
 145 32.5 26.6 40.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.204 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU057470.D
 Acq: 12 Jan 2024 09:42

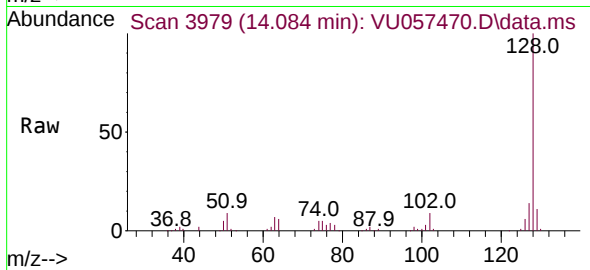
Tgt Ion:180 Resp: 82894
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.1 115.7
 145 33.1 27.6 41.4





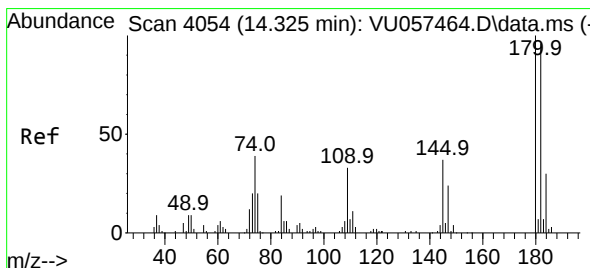
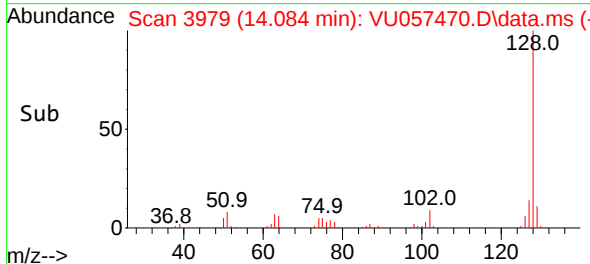
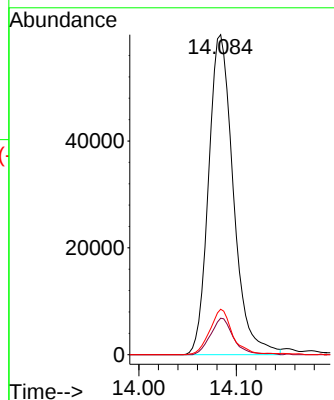
#71
Naphthalene
Concen: 4.752 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 105832

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	12.9	10.5	15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.255 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU057470.D
Acq: 12 Jan 2024 09:42

Tgt Ion:180 Resp: 68550

Ion	Ratio	Lower	Upper
180	100		
182	93.3	77.0	115.6
145	34.9	30.0	45.0

