

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057570.D
 Acq On : 23 Jan 2024 14:49
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:52:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:42:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	72074	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65293	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	20074	5.055	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.914	69	16016	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.567	65	9542	5.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	4.637	46	40608	54.206	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.420%
24) Chloroform-d	5.055	84	41296	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.695	65	19173	5.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.721	84	79467	5.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.685	67	23838	5.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.891	98	75233	5.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.177	79	9648	5.240	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.631	63	31174	53.069	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.140%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	16262	5.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	23363	5.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	29934	4.902	ug/L	99
3) Chloromethane	1.518	50	29822	4.881	ug/L	100
5) Vinyl chloride	1.602	62	31994	4.919	ug/L	100
6) Bromomethane	1.856	94	16759	4.942	ug/L	96
8) Chloroethane	1.933	64	19212	4.932	ug/L	96
9) Trichlorofluoromethane	2.139	101	48276	4.983	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	28167	5.002	ug/L	98
12) 1,1-Dichloroethene	2.576	96	25992	4.962	ug/L	94
13) Acetone	2.666	43	35632	50.055	ug/L	99
14) Carbon disulfide	2.792	76	84596	4.982	ug/L	100
15) Methyl Acetate	2.959	43	9634	5.260	ug/L	90
16) Methylene chloride	3.042	84	28231	5.021	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	62790	5.041	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	27754	5.031	ug/L	97
19) 1,1-Dichloroethane	3.862	63	51121	5.018	ug/L	100
21) 2-Butanone	4.718	43	55003	49.260	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	29971	5.053	ug/L	98
23) Bromochloromethane	4.968	128	12114	5.084	ug/L	95
25) Chloroform	5.081	83	53015	4.904	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057570.D
 Acq On : 23 Jan 2024 14:49
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

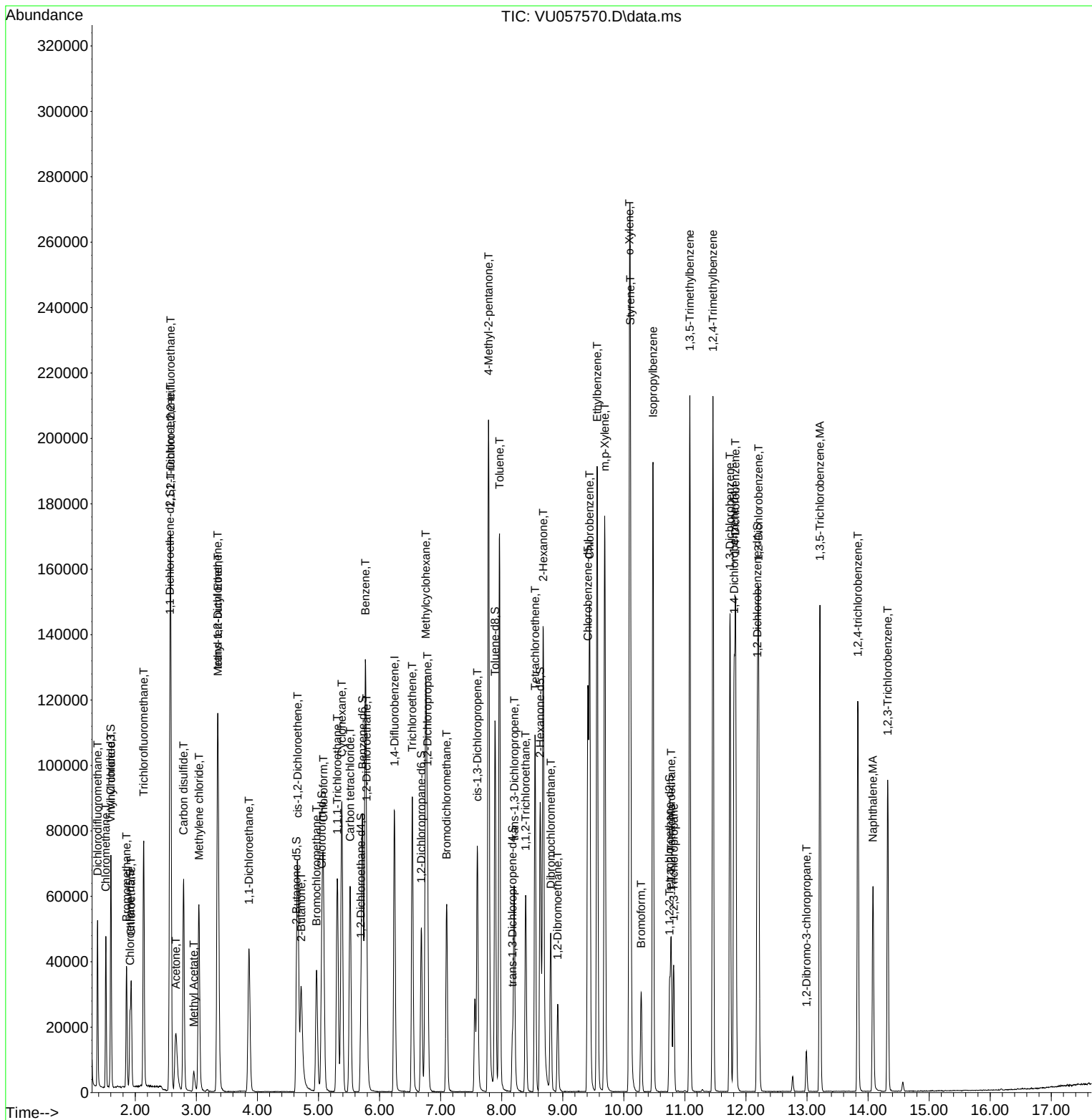
Instrument :
 MSVOA_U
 ClientSampleId :

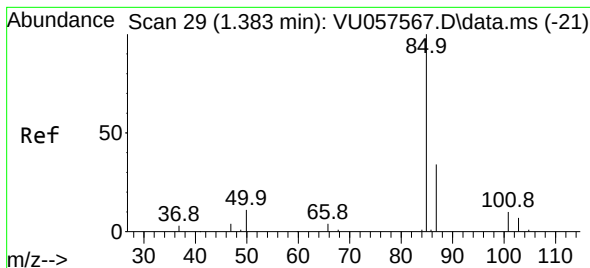
Quant Time: Jan 24 00:52:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:42:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	31251	4.963	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	48568	5.068	ug/L	100
30) Cyclohexane	5.383	56	46533	5.032	ug/L	99
31) Carbon tetrachloride	5.518	117	42889	5.072	ug/L	96
33) Benzene	5.769	78	114612	5.118	ug/L	100
34) Trichloroethene	6.537	95	31283	5.067	ug/L	98
35) Methylcyclohexane	6.756	83	50229	5.036	ug/L	99
37) 1,2-Dichloropropane	6.785	63	28431	5.075	ug/L	99
38) Bromodichloromethane	7.100	83	38105	5.054	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	45056	5.174	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	138593	51.840	ug/L	99
42) Toluene	7.965	91	124956	5.175	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	36356	5.138	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	18867	5.177	ug/L	99
47) Tetrachloroethene	8.547	164	23146	5.102	ug/L	99
48) 2-Hexanone	8.679	43	99835	53.218	ug/L	98
49) Dibromochloromethane	8.804	129	24393	5.169	ug/L	98
50) 1,2-Dibromoethane	8.917	107	18345	5.187	ug/L	100
51) Chlorobenzene	9.441	112	77608	5.124	ug/L	99
52) Ethylbenzene	9.563	91	140327	5.157	ug/L	100
53) m,p-Xylene	9.688	106	50909	5.071	ug/L	97
54) o-Xylene	10.094	106	50648	5.175	ug/L	100
55) Styrene	10.110	104	77722	5.191	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	22768	5.149	ug/L	99
59) Bromoform	10.283	173	13672	5.446	ug/L	99
60) Isopropylbenzene	10.479	105	124339	5.135	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	16075	5.182	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	113854	5.276	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	114976	5.324	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	57751	5.225	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	56155	5.308	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	52569	5.330	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3628	6.213	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	44399	5.472	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	34962	5.882	ug/L	98
71) Naphthalene	14.081	128	52783	6.274	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	28082	6.070	ug/L	98

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

Quant Time: Jan 24 00:52:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 24 00:42:54 2024
Response via : Initial Calibration

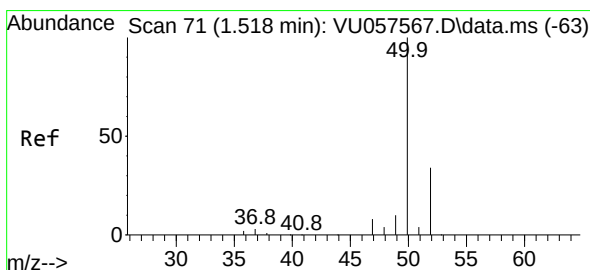
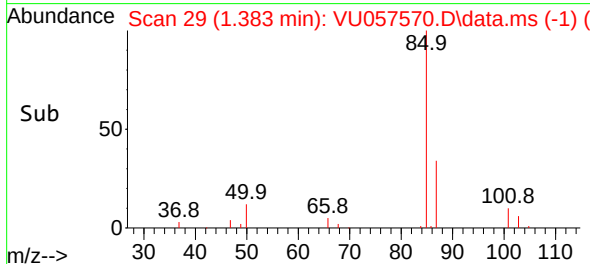
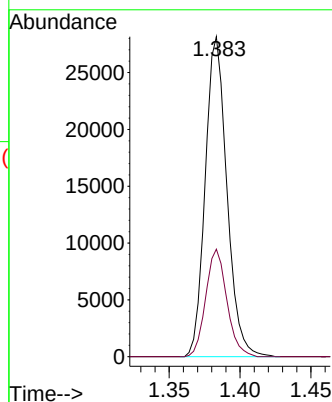
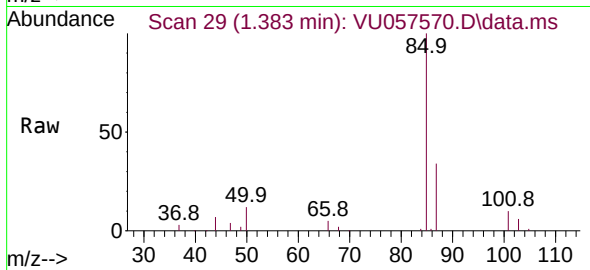




#2
 Dichlorodifluoromethane
 Concen: 4.902 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU057570.D
 Acq: 23 Jan 2024 14:49

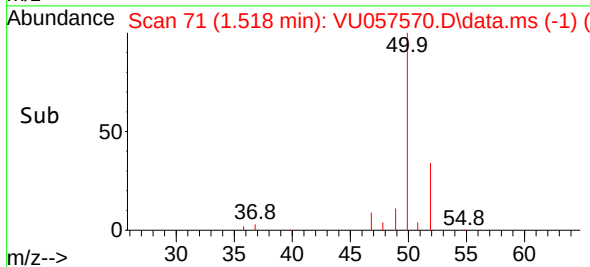
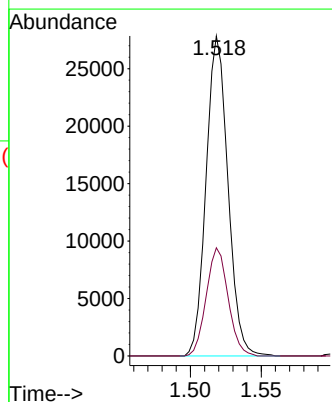
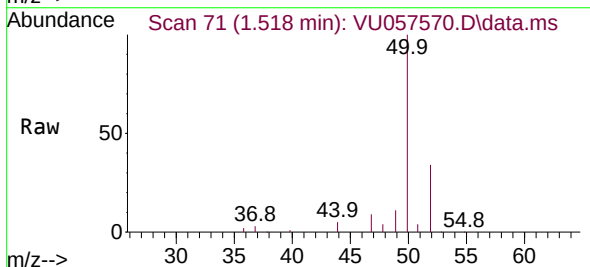
Instrument :
 MSVOA_U
 ClientSampleId :

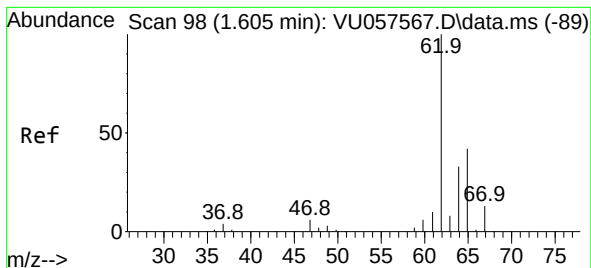
Tgt Ion: 85 Resp: 29934
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.4 39.6



#3
 Chloromethane
 Concen: 4.881 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU057570.D
 Acq: 23 Jan 2024 14:49

Tgt Ion: 50 Resp: 29822
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9





#5

Vinyl chloride

Concen: 4.919 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.003 min

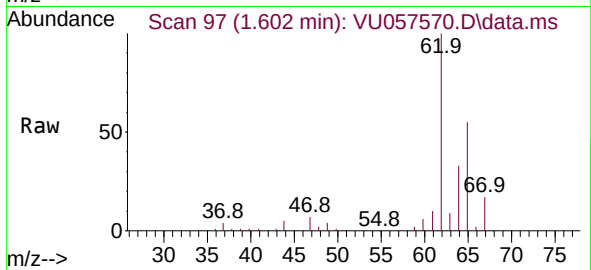
Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

Instrument :

MSVOA_U

ClientSampleId :

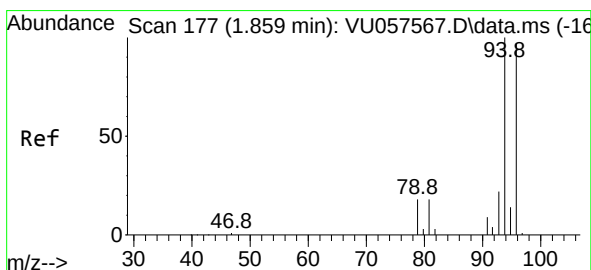
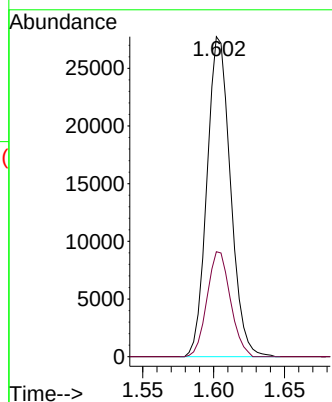
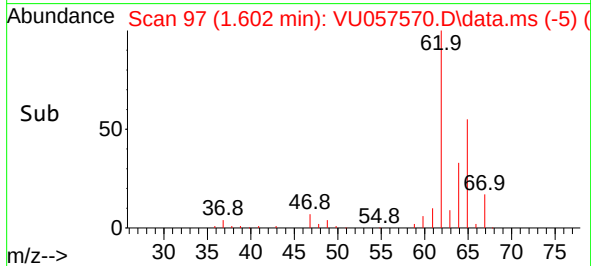


Tgt Ion: 62 Resp: 31994

Ion Ratio Lower Upper

62 100

64 32.8 22.8 42.4



#6

Bromomethane

Concen: 4.942 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.003 min

Lab File: VU057570.D

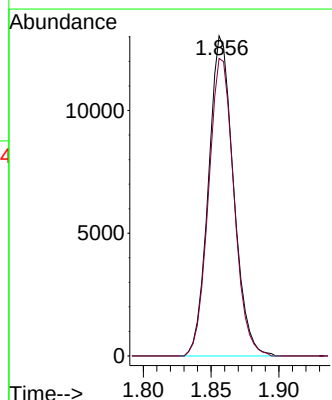
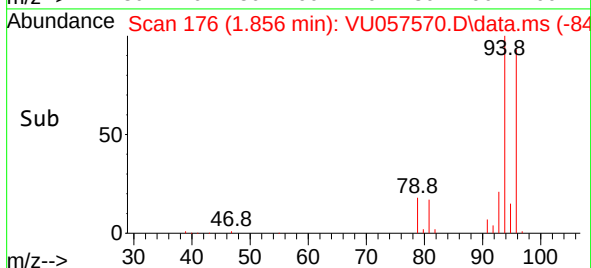
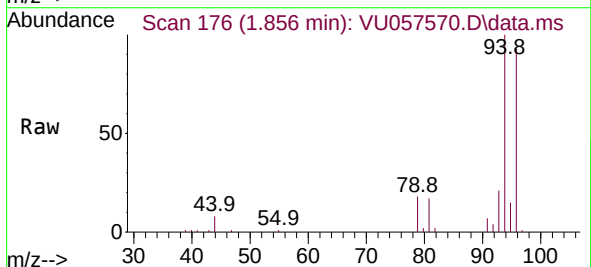
Acq: 23 Jan 2024 14:49

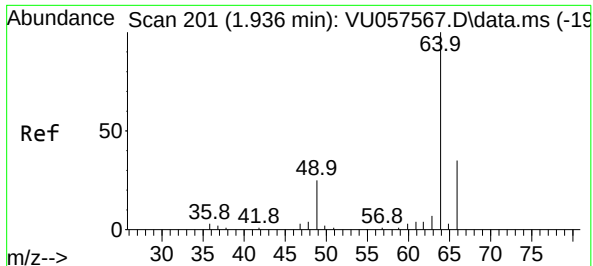
Tgt Ion: 94 Resp: 16759

Ion Ratio Lower Upper

94 100

96 93.0 68.0 126.4

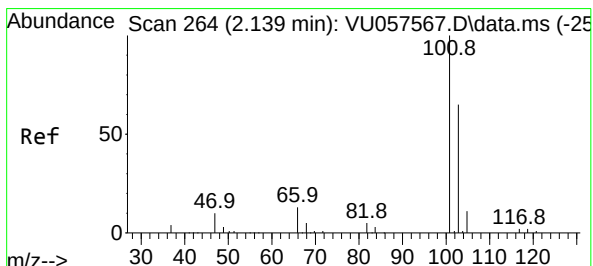
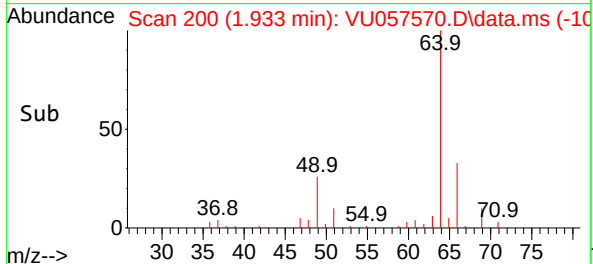
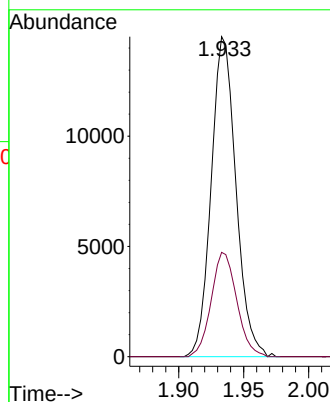
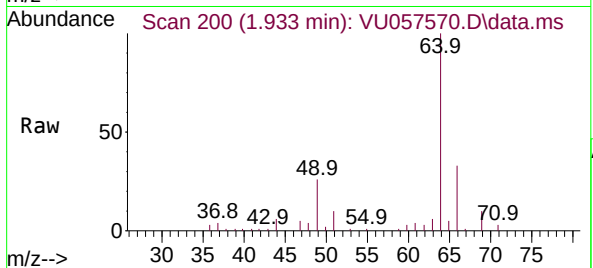




#8
Chloroethane
Concen: 4.932 ug/L
RT: 1.933 min Scan# 201
Delta R.T. -0.003 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

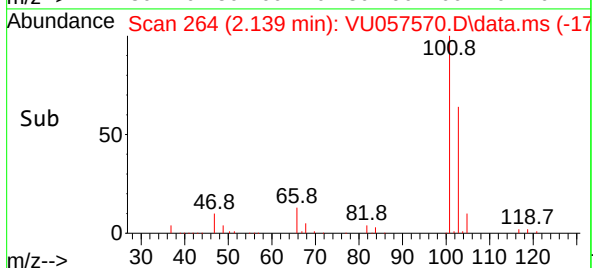
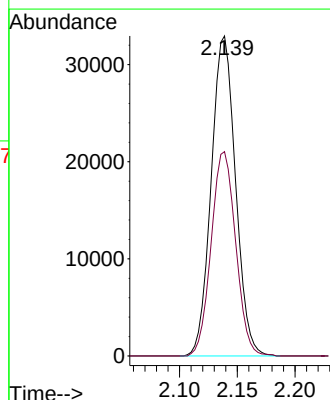
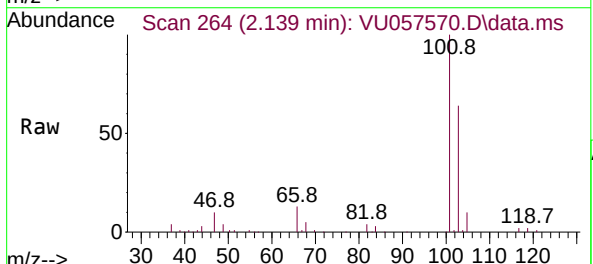
Instrument :
MSVOA_U
ClientSampleId :

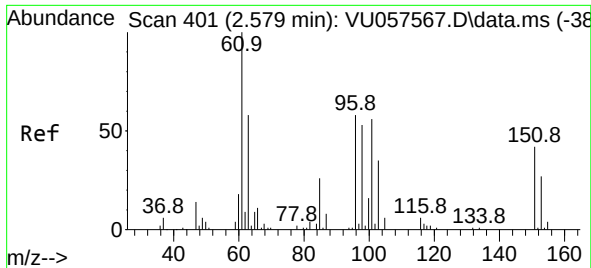
Tgt Ion: 64 Resp: 19212
Ion Ratio Lower Upper
64 100
66 32.6 24.5 45.5



#9
Trichlorofluoromethane
Concen: 4.983 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

Tgt Ion:101 Resp: 48276
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2

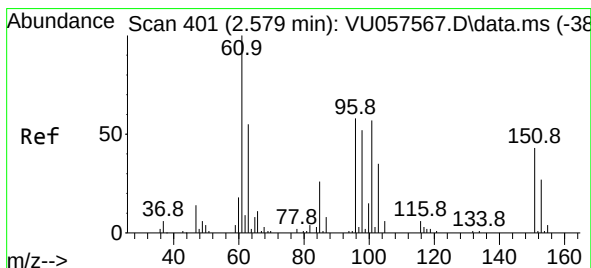
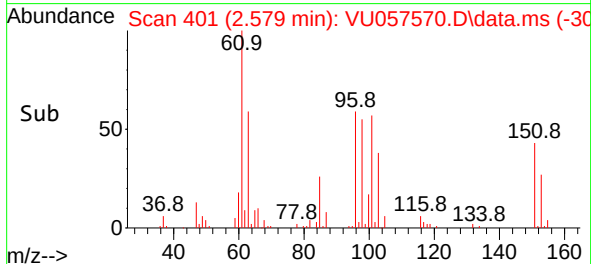
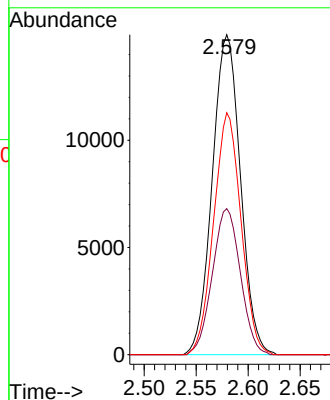
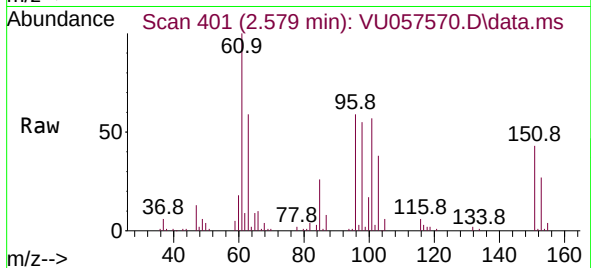




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.002 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU057570.D
 Acq: 23 Jan 2024 14:49

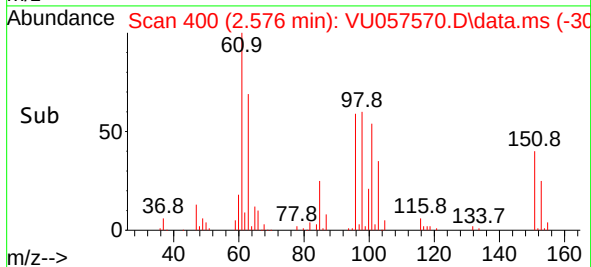
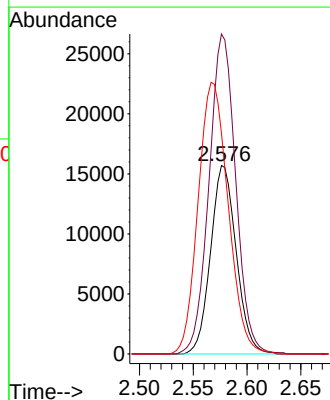
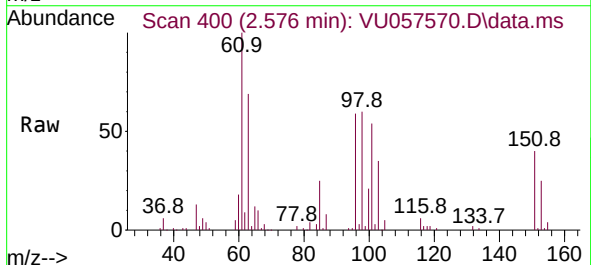
Instrument :
 MSVOA_U
 ClientSampleId :

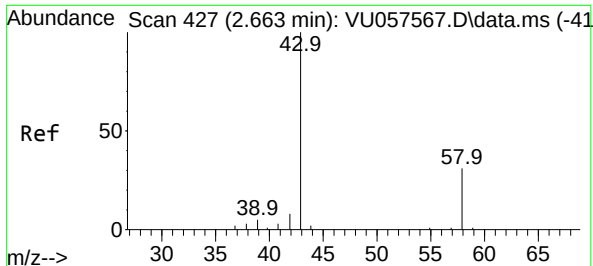
Tgt Ion:101 Resp: 28167
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.8 53.8
 151 73.4 60.0 90.0



#12
 1,1-Dichloroethene
 Concen: 4.962 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU057570.D
 Acq: 23 Jan 2024 14:49

Tgt Ion: 96 Resp: 25992
 Ion Ratio Lower Upper
 96 100
 61 169.7 120.7 224.1
 63 117.0 72.5 134.7





#13

Acetone

Concen: 50.055 ug/L

RT: 2.666 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

Instrument :

MSVOA_U

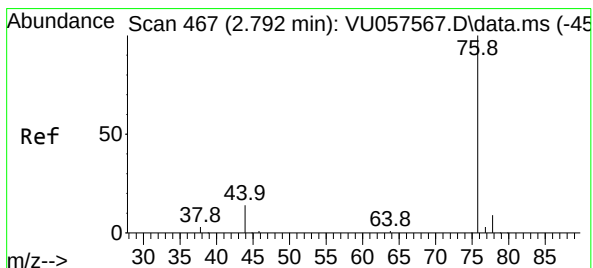
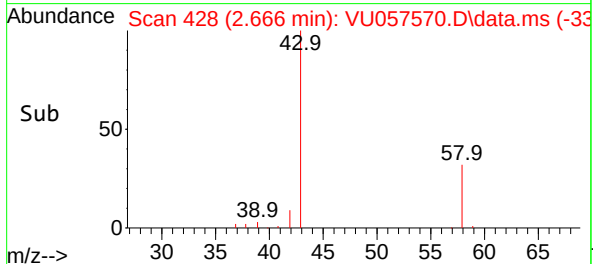
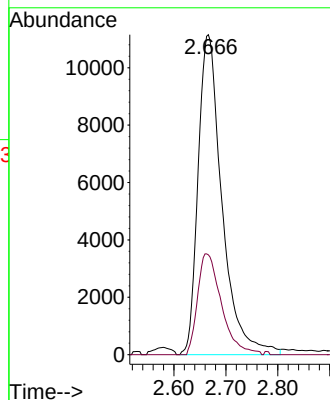
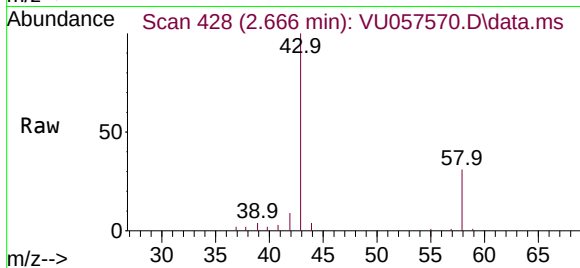
ClientSampleId :

Tgt Ion: 43 Resp: 35632

Ion Ratio Lower Upper

43 100

58 31.4 0.0 61.4



#14

Carbon disulfide

Concen: 4.982 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU057570.D

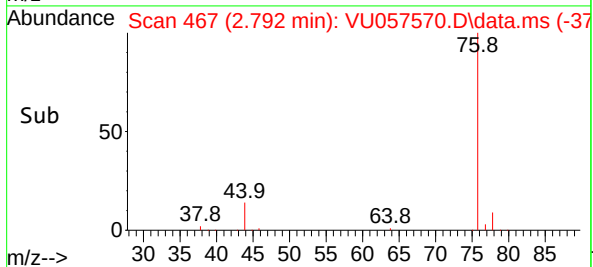
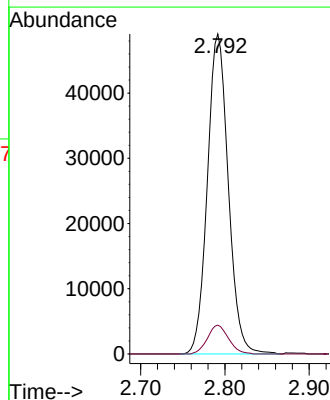
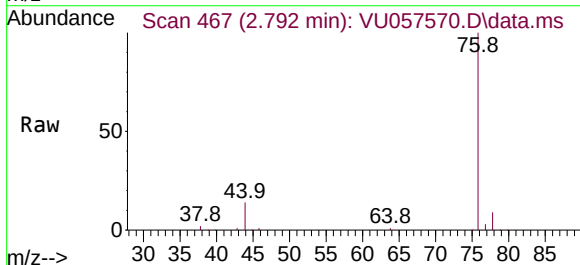
Acq: 23 Jan 2024 14:49

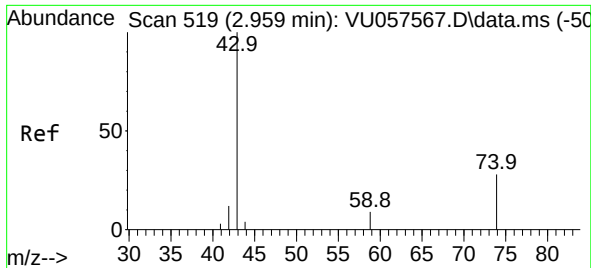
Tgt Ion: 76 Resp: 84596

Ion Ratio Lower Upper

76 100

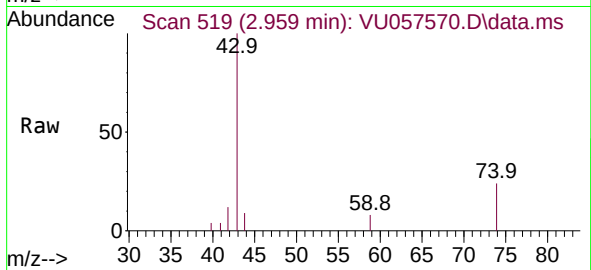
78 9.0 7.3 10.9



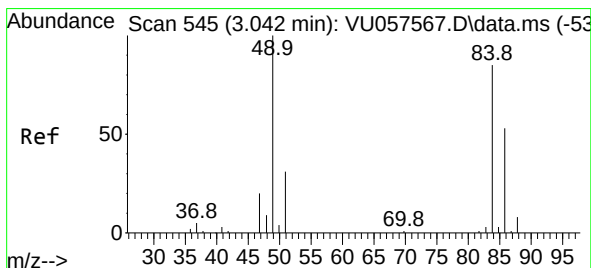
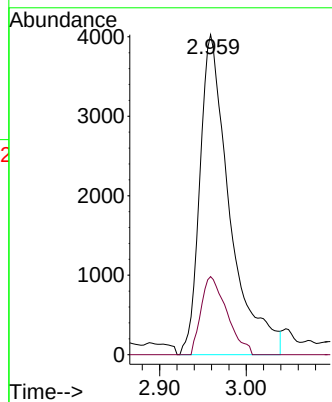
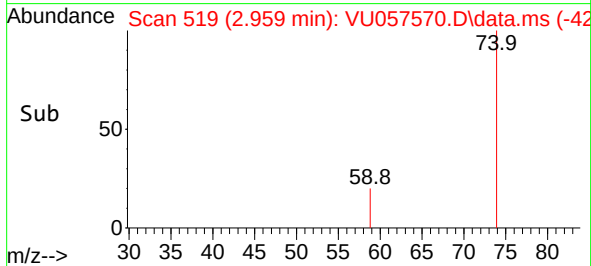


#15
Methyl Acetate
Concen: 5.260 ug/L
RT: 2.959 min Scan# 519
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

Instrument :
MSVOA_U
ClientSampleId :

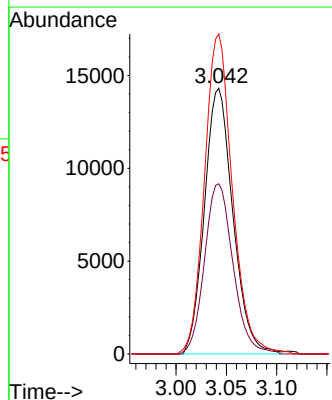
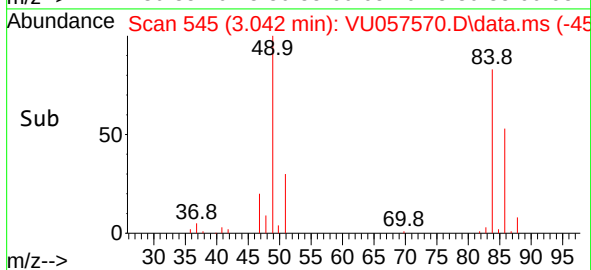
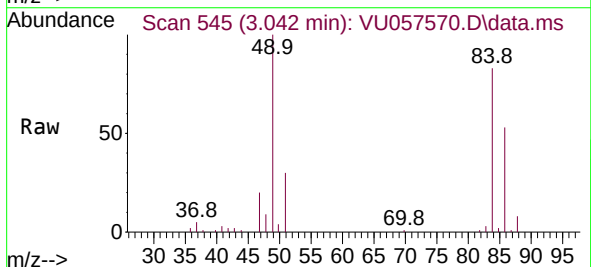


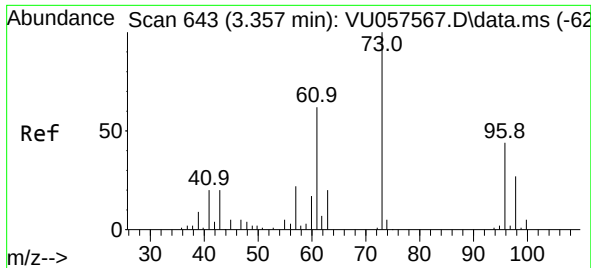
Tgt Ion: 43 Resp: 9634
Ion Ratio Lower Upper
43 100
74 21.1 20.7 31.1



#16
Methylene chloride
Concen: 5.021 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

Tgt Ion: 84 Resp: 28231
Ion Ratio Lower Upper
84 100
86 64.1 43.5 80.9
49 125.5 82.5 153.1

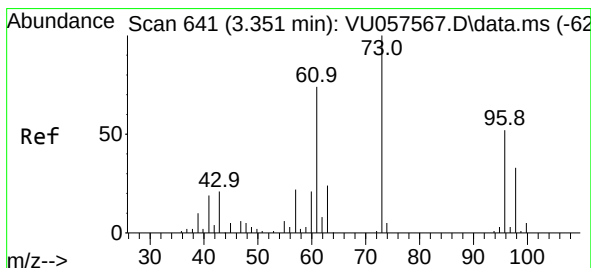
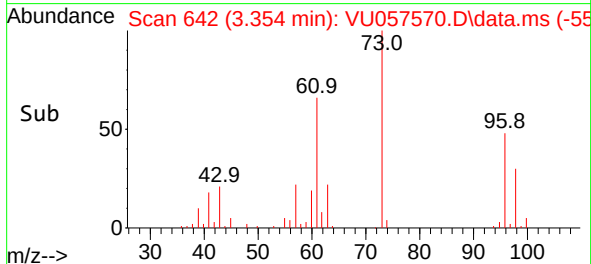
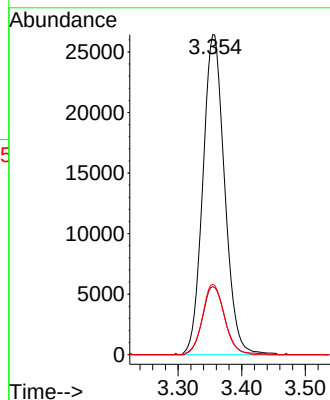
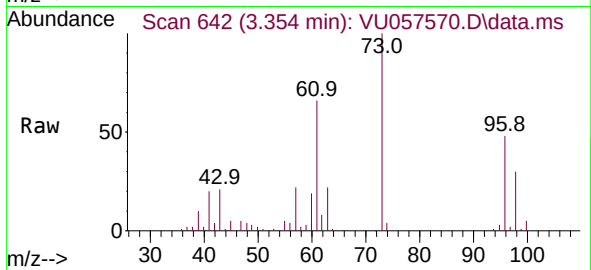




#17
Methyl tert-butyl Ether
Concen: 5.041 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

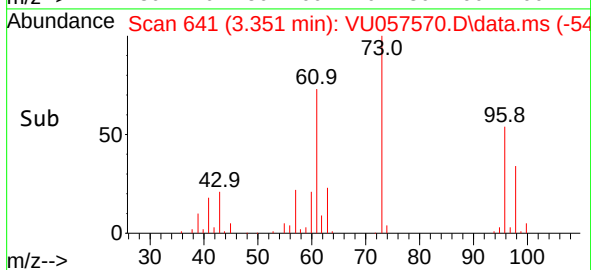
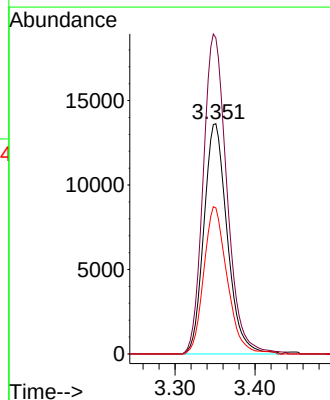
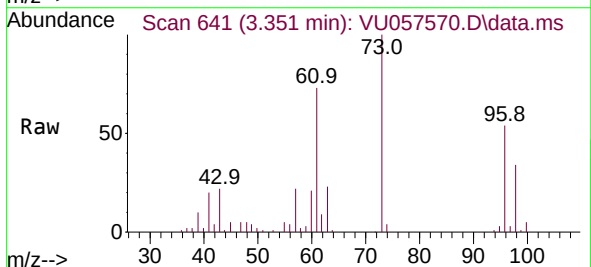
Instrument :
MSVOA_U
ClientSampleId :

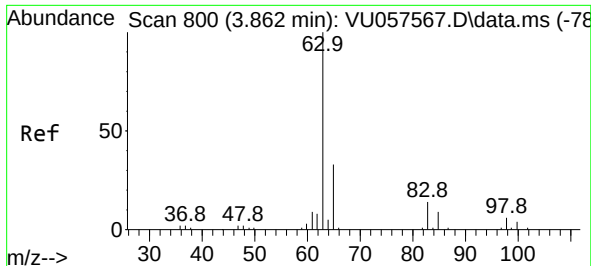
Tgt Ion: 73 Resp: 62790
Ion Ratio Lower Upper
73 100
43 21.9 17.3 25.9
57 22.1 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 5.031 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

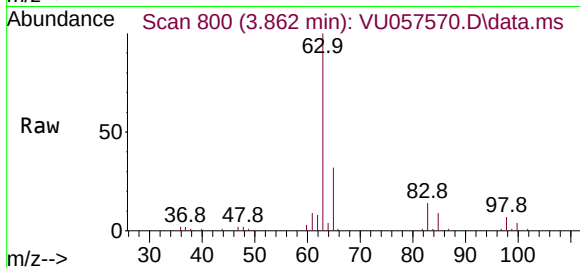
Tgt Ion: 96 Resp: 27754
Ion Ratio Lower Upper
96 100
61 137.2 99.3 184.5
98 63.4 44.5 82.7



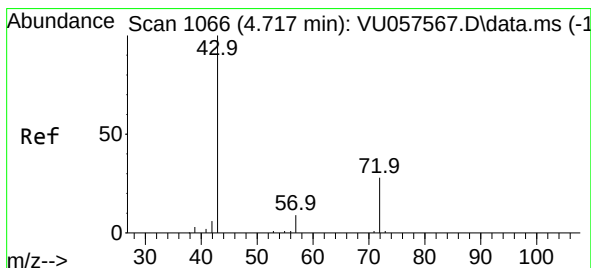
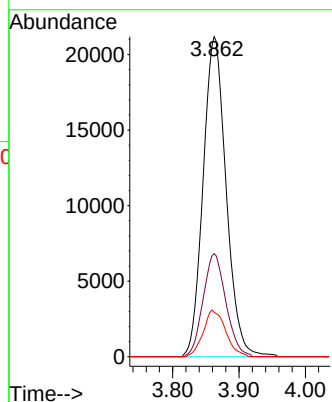
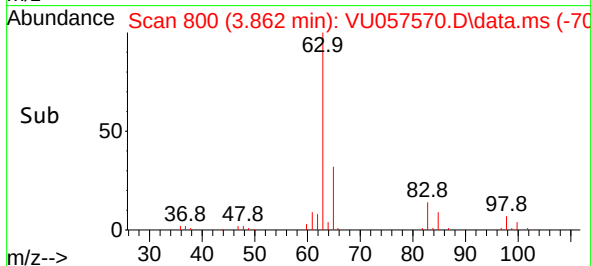


#19
1,1-Dichloroethane
Concen: 5.018 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

Instrument :
MSVOA_U
ClientSampleId :

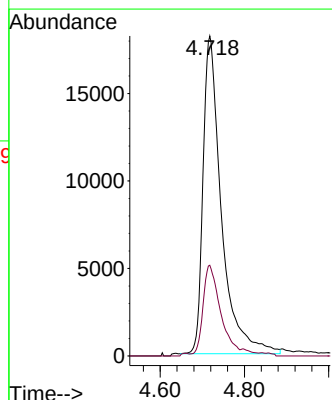
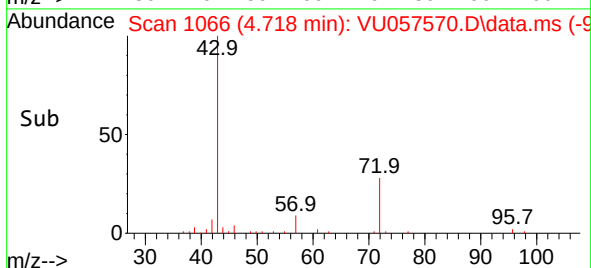
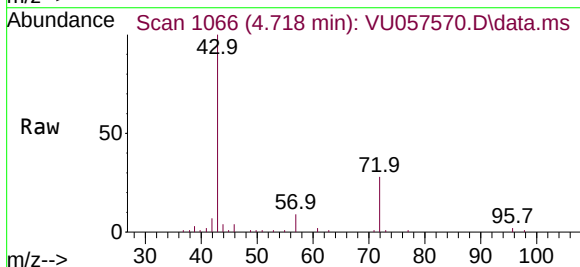


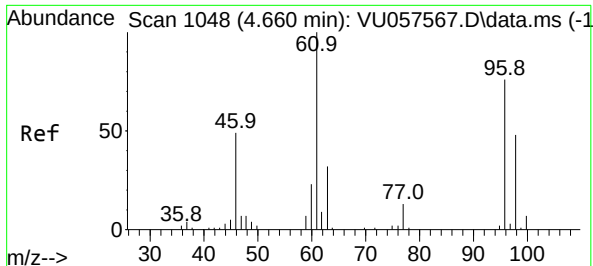
Tgt Ion: 63 Resp: 51121
Ion Ratio Lower Upper
63 100
65 32.8 23.0 42.8
83 13.9 9.7 17.9



#21
2-Butanone
Concen: 49.260 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

Tgt Ion: 43 Resp: 55003
Ion Ratio Lower Upper
43 100
72 25.9 14.7 44.1

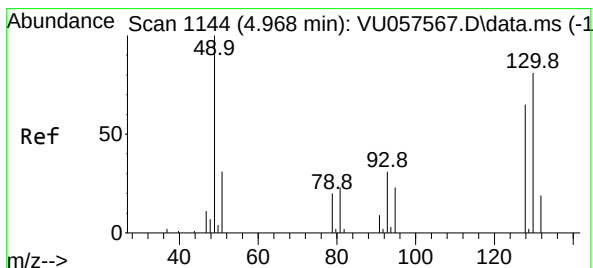
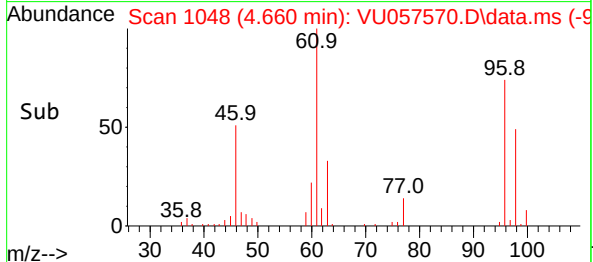
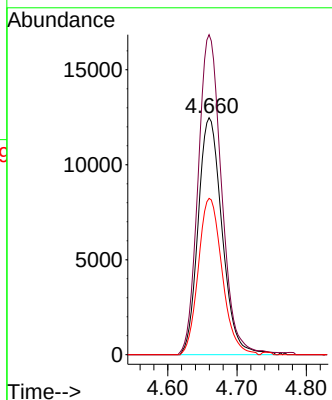
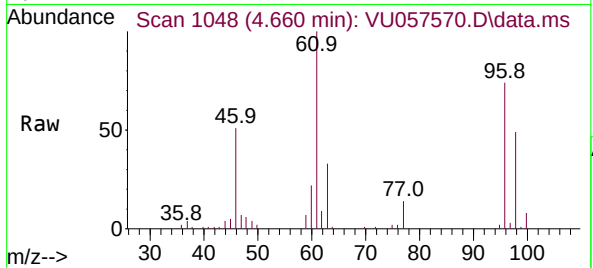




#22
 cis-1,2-Dichloroethene
 Concen: 5.053 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057570.D
 Acq: 23 Jan 2024 14:49

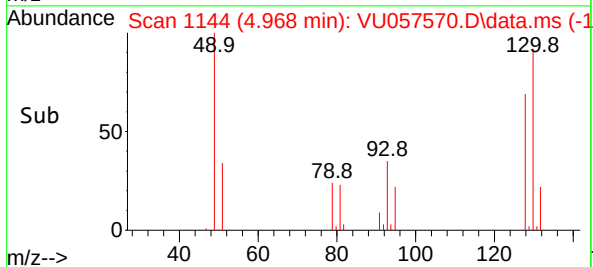
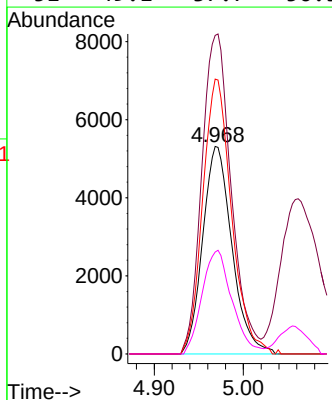
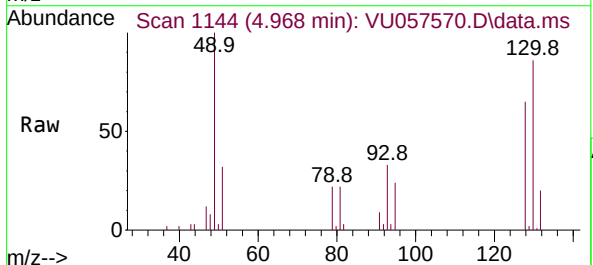
Instrument :
 MSVOA_U
 ClientSampleId :

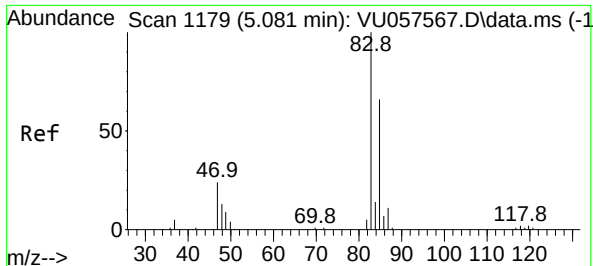
Tgt Ion: 96 Resp: 29971
 Ion Ratio Lower Upper
 96 100
 61 135.0 92.7 172.1
 98 65.9 44.9 83.5



#23
 Bromochloromethane
 Concen: 5.084 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU057570.D
 Acq: 23 Jan 2024 14:49

Tgt Ion: 128 Resp: 12114
 Ion Ratio Lower Upper
 128 100
 49 153.6 111.5 207.1
 130 132.5 87.2 162.0
 51 49.1 37.7 56.5





#25

Chloroform

Concen: 4.904 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

Instrument :

MSVOA_U

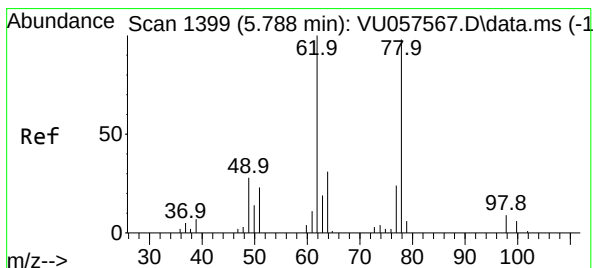
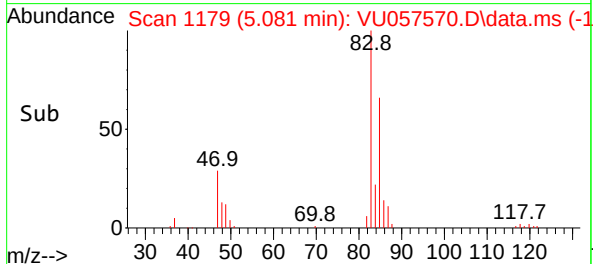
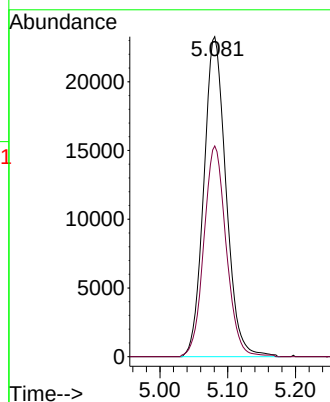
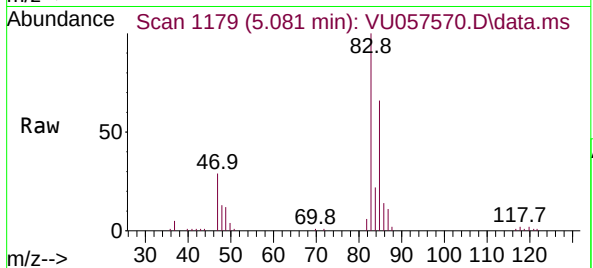
ClientSampleId :

Tgt Ion: 83 Resp: 53015

Ion Ratio Lower Upper

83 100

85 65.9 46.1 85.5



#27

1,2-Dichloroethane

Concen: 4.963 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU057570.D

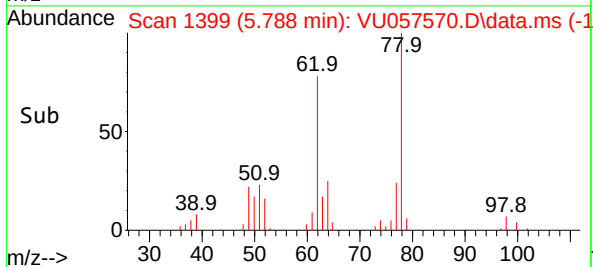
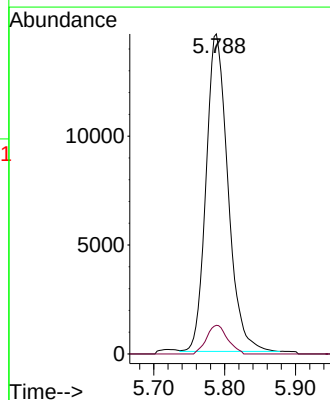
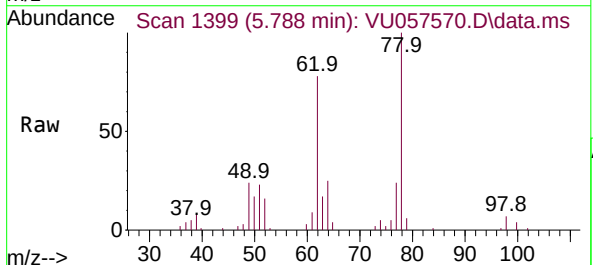
Acq: 23 Jan 2024 14:49

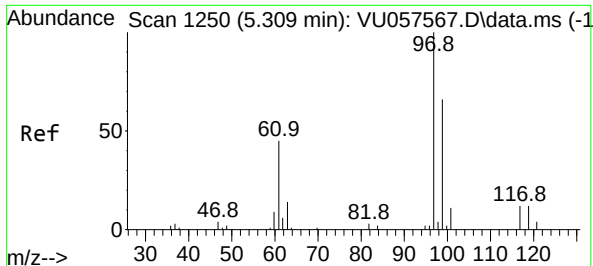
Tgt Ion: 62 Resp: 31251

Ion Ratio Lower Upper

62 100

98 8.9 6.9 10.3

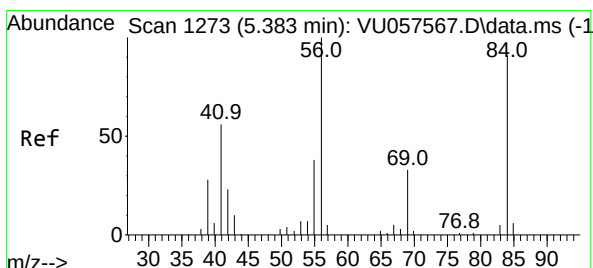
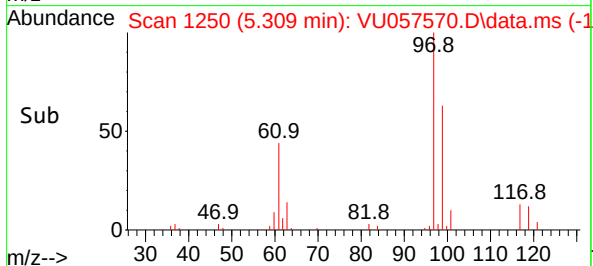
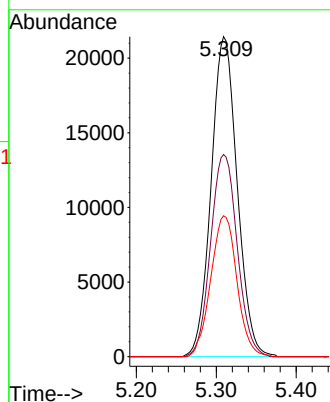
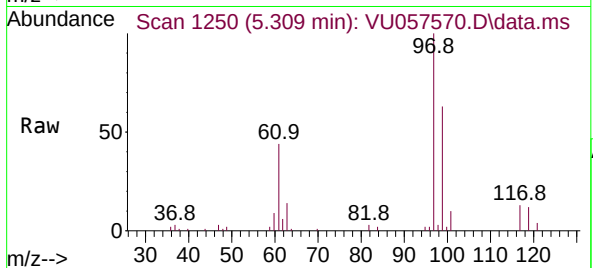




#29
1,1,1-Trichloroethane
Concen: 5.068 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

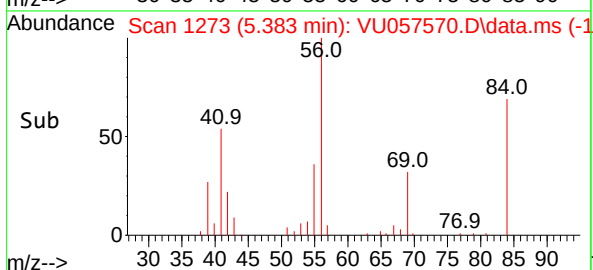
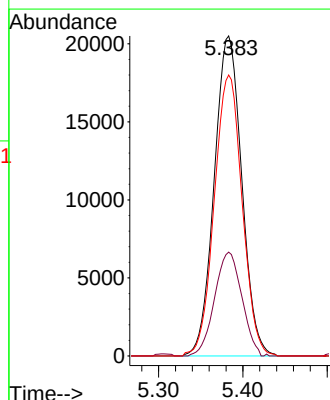
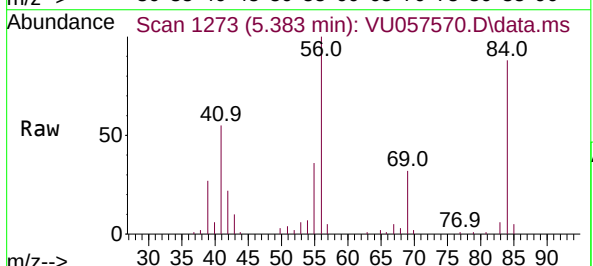
Instrument :
MSVOA_U
ClientSampleId :

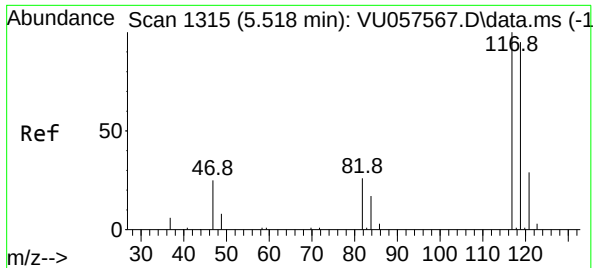
Tgt Ion: 97	Resp: 48568
Ion Ratio	Lower Upper
97 100	
99 64.6	52.0 78.0
61 44.2	35.3 52.9



#30
Cyclohexane
Concen: 5.032 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

Tgt Ion: 56	Resp: 46533
Ion Ratio	Lower Upper
56 100	
69 32.1	25.8 38.8
84 88.7	72.0 108.0

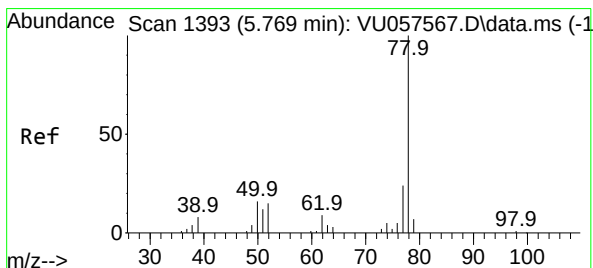
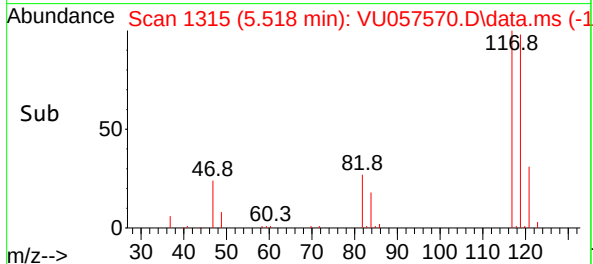
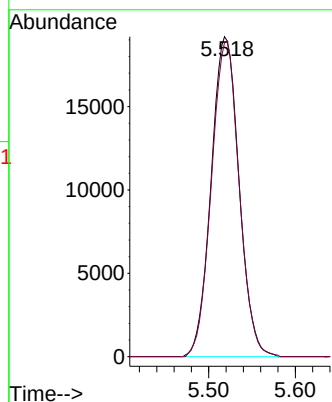
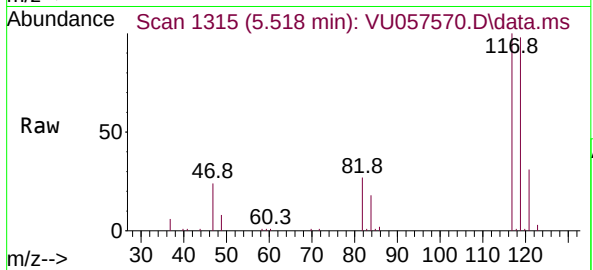




#31
Carbon tetrachloride
Concen: 5.072 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

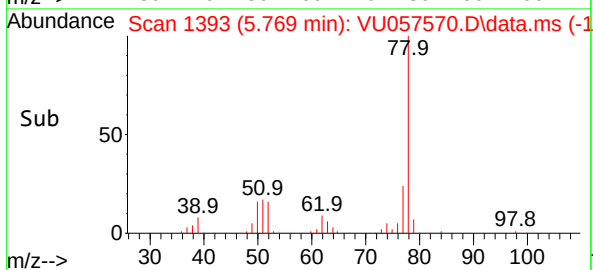
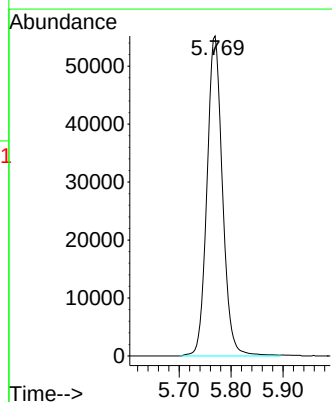
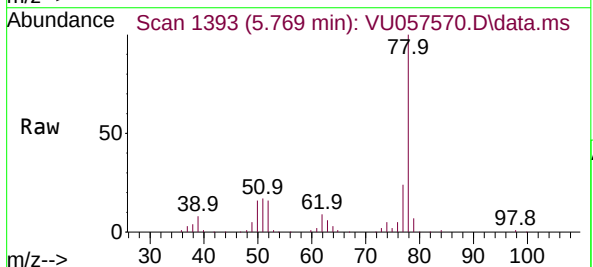
Instrument :
MSVOA_U
ClientSampleId :

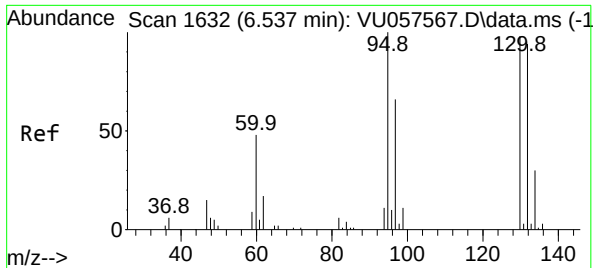
Tgt Ion:117 Resp: 42889
Ion Ratio Lower Upper
117 100
119 97.9 75.6 113.4



#33
Benzene
Concen: 5.118 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

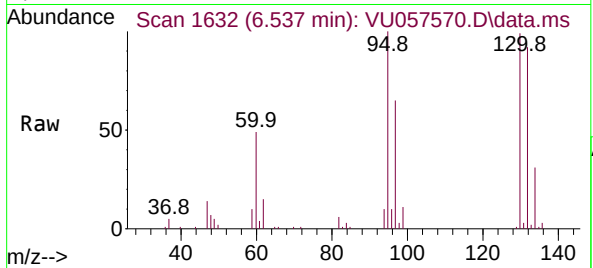
Tgt Ion: 78 Resp: 114612



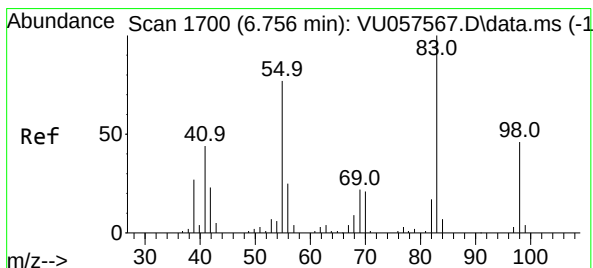
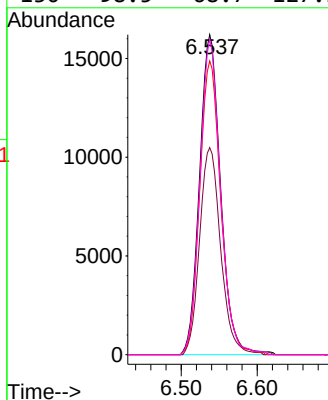
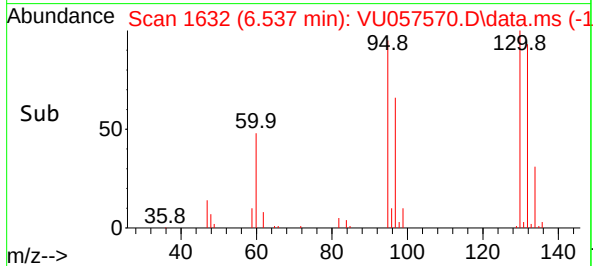


#34
Trichloroethene
Concen: 5.067 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

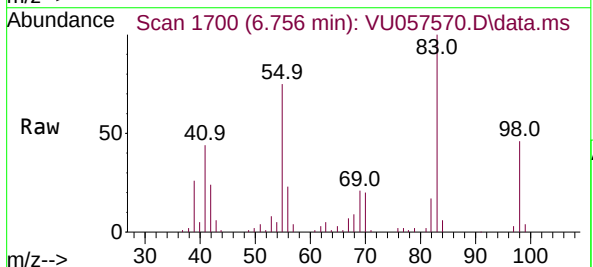
Instrument :
MSVOA_U
ClientSampleId :



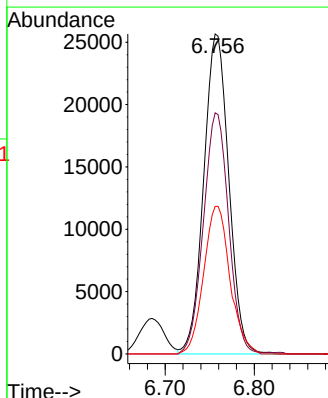
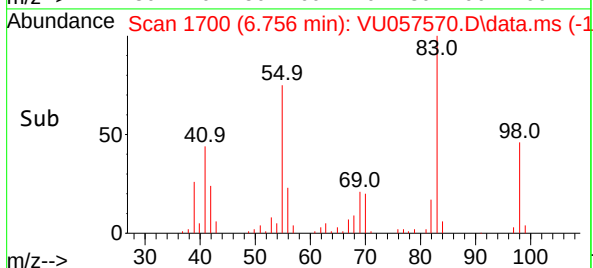
Tgt Ion: 95 Resp: 31283
Ion Ratio Lower Upper
95 100
97 64.7 46.1 85.5
132 91.8 66.1 122.8
130 98.5 68.7 127.5

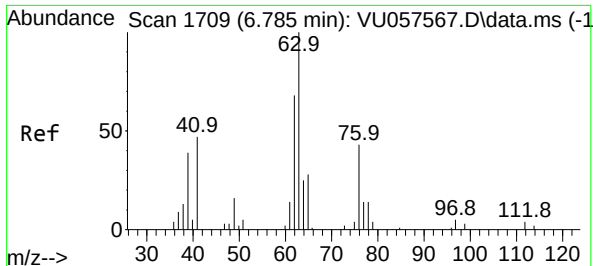


#35
Methylcyclohexane
Concen: 5.036 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49



Tgt Ion: 83 Resp: 50229
Ion Ratio Lower Upper
83 100
55 75.6 61.4 92.0
98 48.4 38.2 57.4





#37

1,2-Dichloropropane

Concen: 5.075 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

Instrument :

MSVOA_U

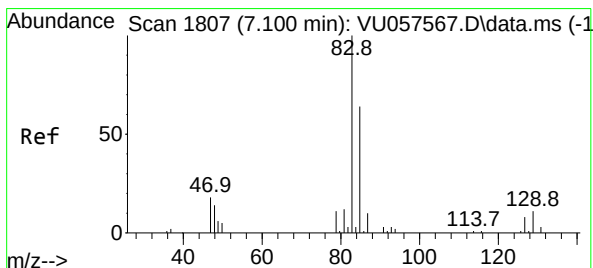
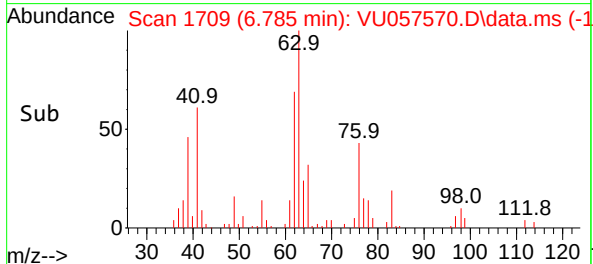
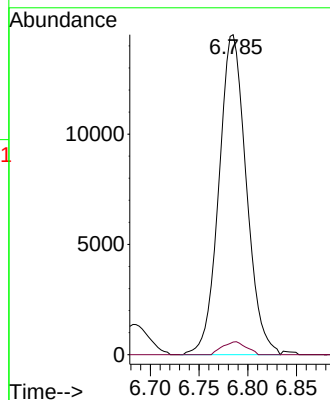
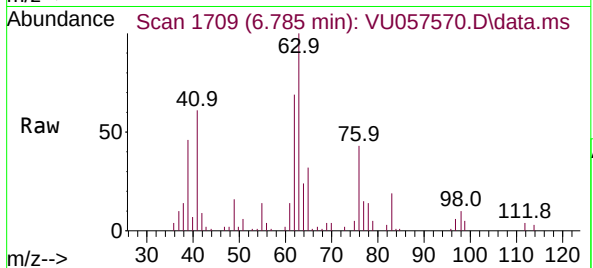
ClientSampleId :

Tgt Ion: 63 Resp: 28431

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



#38

Bromodichloromethane

Concen: 5.054 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

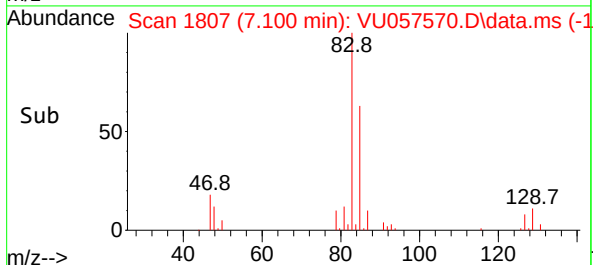
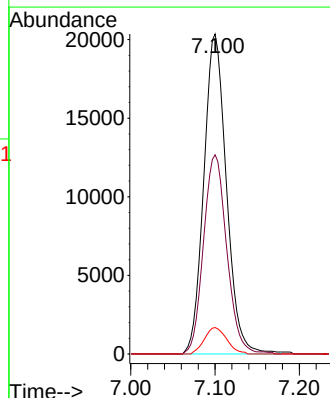
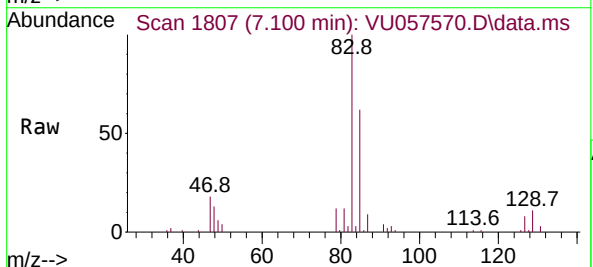
Tgt Ion: 83 Resp: 38105

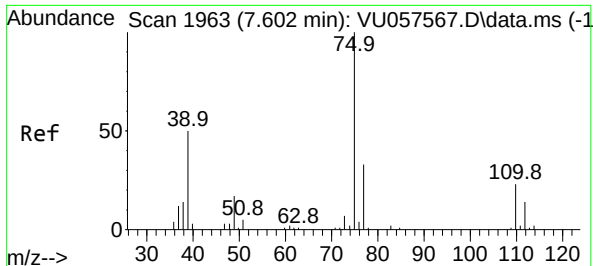
Ion Ratio Lower Upper

83 100

85 62.2 44.7 83.1

127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 5.174 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

Instrument :

MSVOA_U

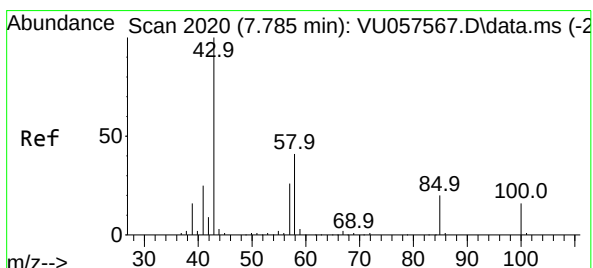
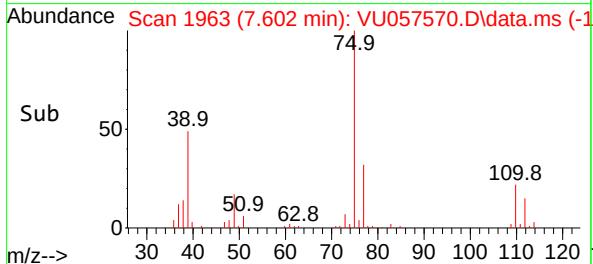
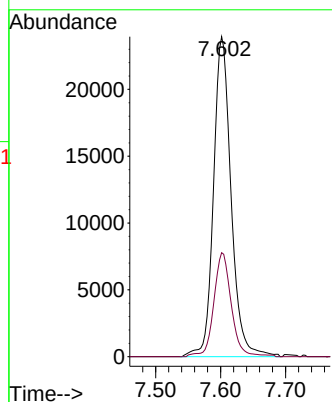
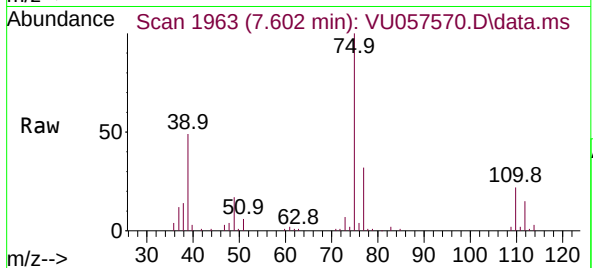
ClientSampleId :

Tgt Ion: 75 Resp: 45056

Ion Ratio Lower Upper

75 100

77 32.5 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 51.840 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

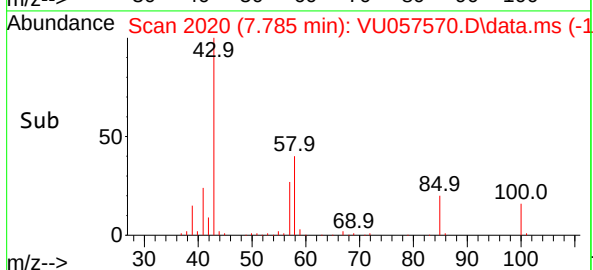
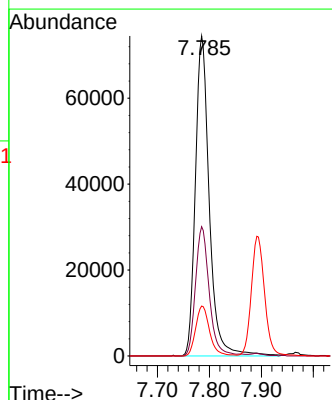
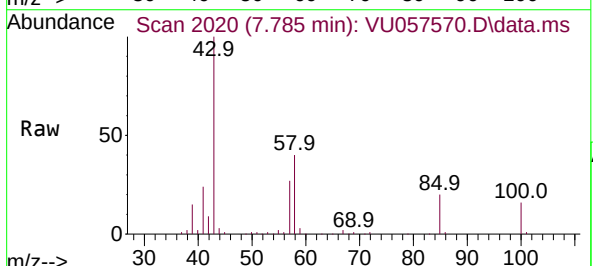
Tgt Ion: 43 Resp: 138593

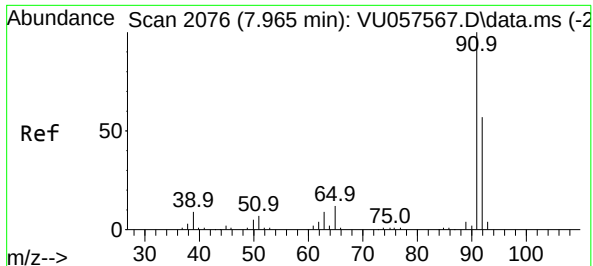
Ion Ratio Lower Upper

43 100

58 39.8 32.3 48.5

100 15.7 12.6 18.8





#42

Toluene

Concen: 5.175 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

Instrument :

MSVOA_U

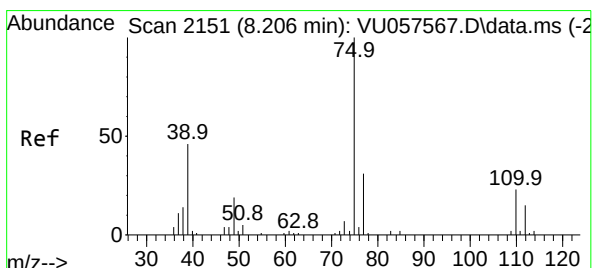
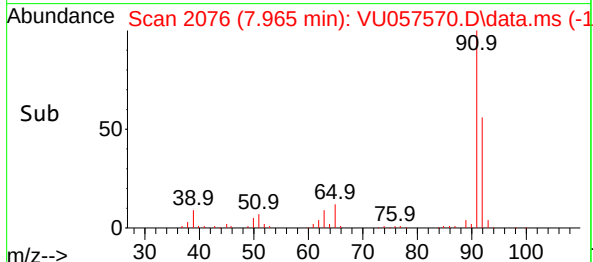
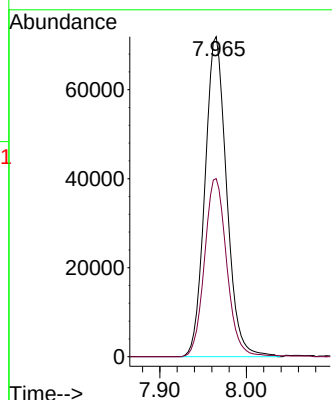
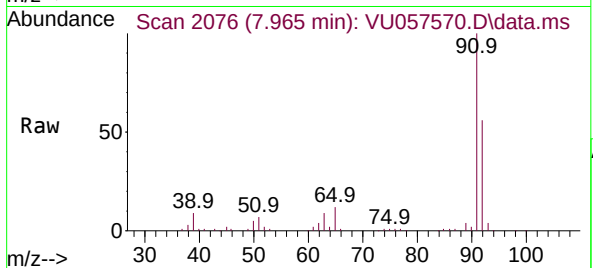
ClientSampleId :

Tgt Ion: 91 Resp: 124956

Ion Ratio Lower Upper

91 100

92 55.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.138 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057570.D

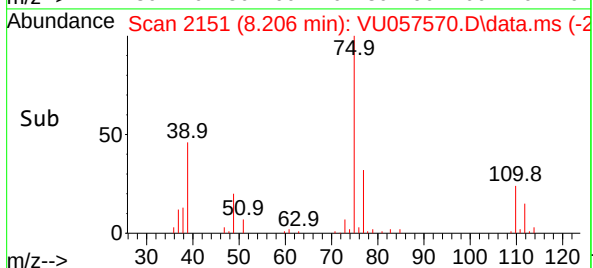
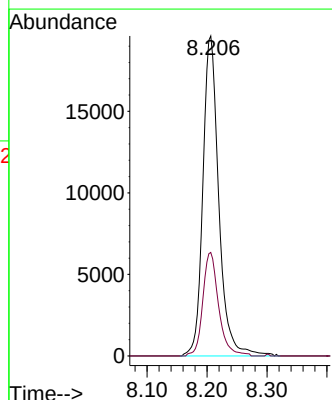
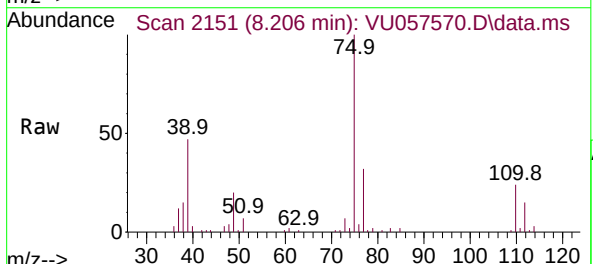
Acq: 23 Jan 2024 14:49

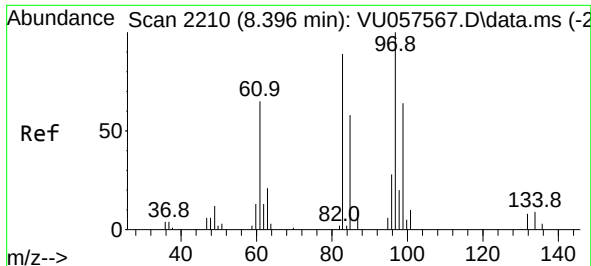
Tgt Ion: 75 Resp: 36356

Ion Ratio Lower Upper

75 100

77 32.4 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 5.177 ug/L

RT: 8.393 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 18867

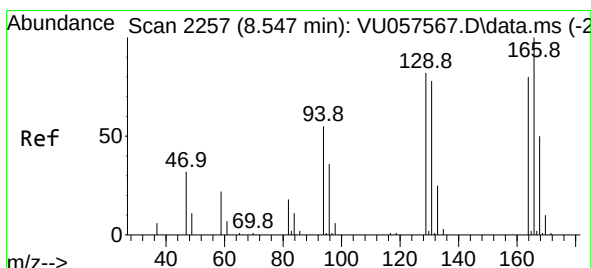
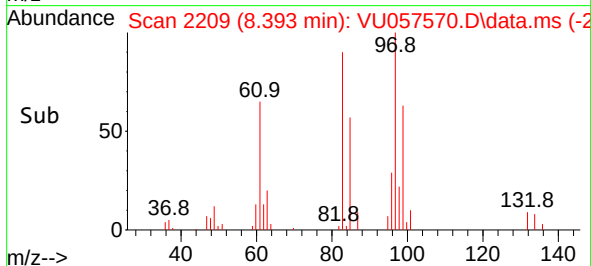
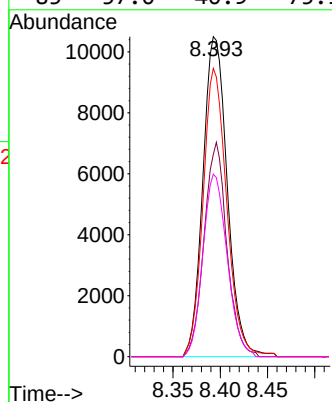
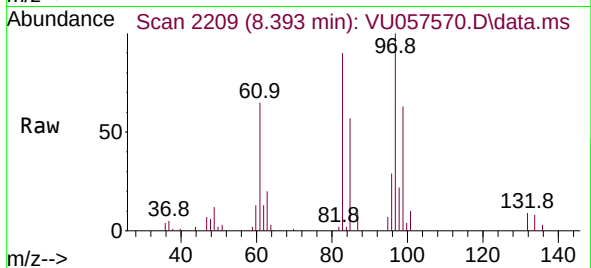
Ion Ratio Lower Upper

97 100

99 63.2 45.1 83.7

83 90.1 62.3 115.7

85 57.0 40.9 75.9



#47

Tetrachloroethene

Concen: 5.102 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

Tgt Ion:164 Resp: 23146

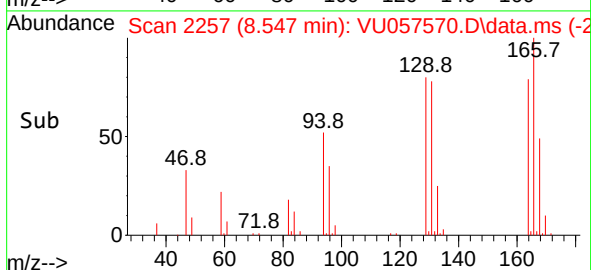
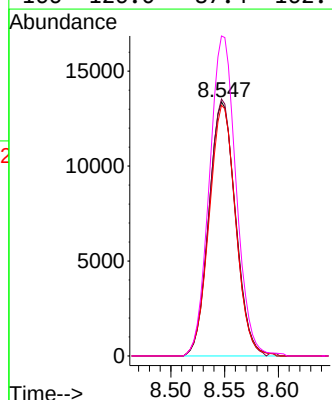
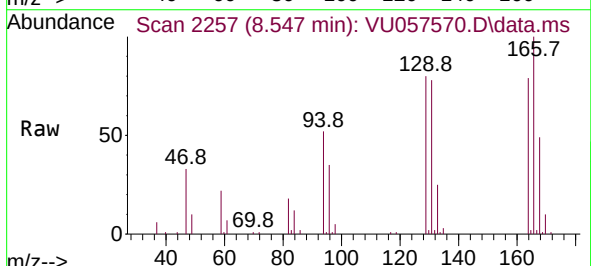
Ion Ratio Lower Upper

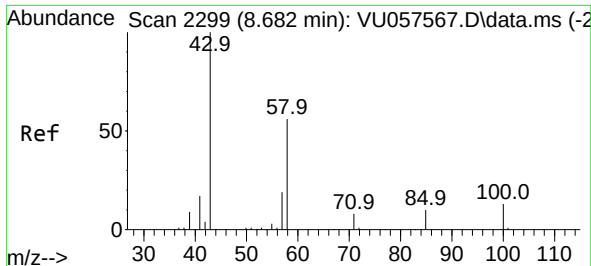
164 100

129 101.2 71.3 132.5

131 98.7 68.1 126.5

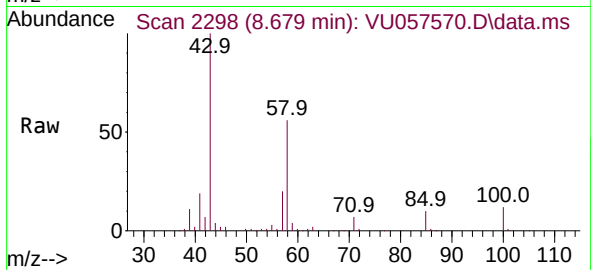
166 126.0 87.4 162.4



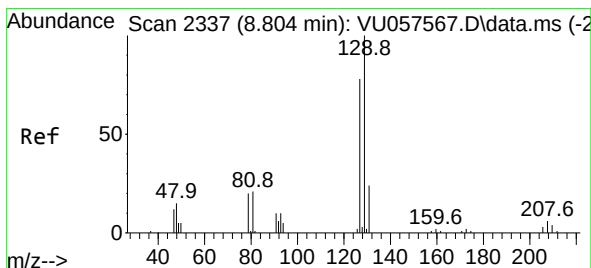
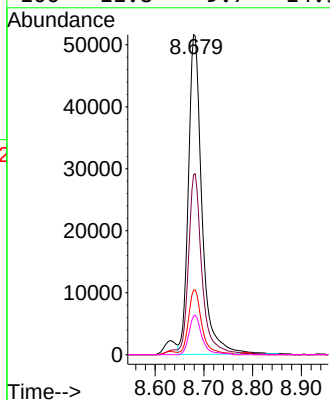
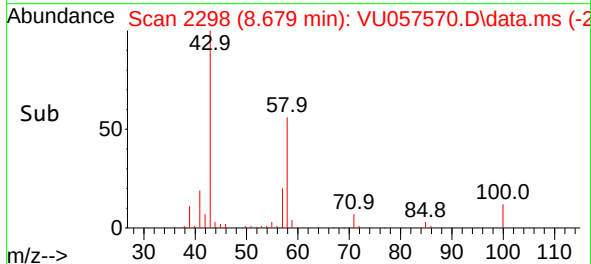


#48
2-Hexanone
Concen: 53.218 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

Instrument :
MSVOA_U
ClientSampleId :

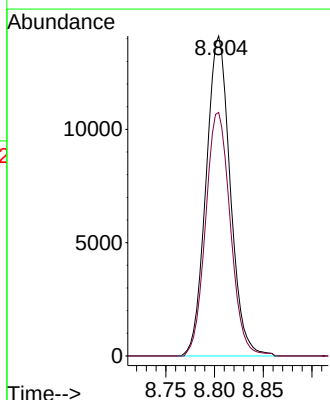
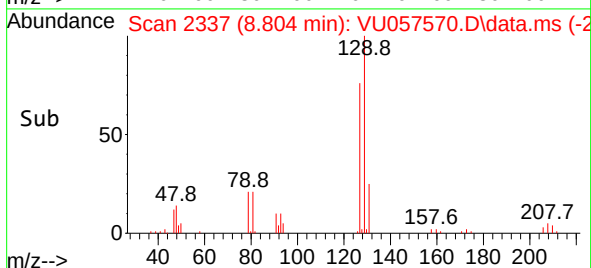
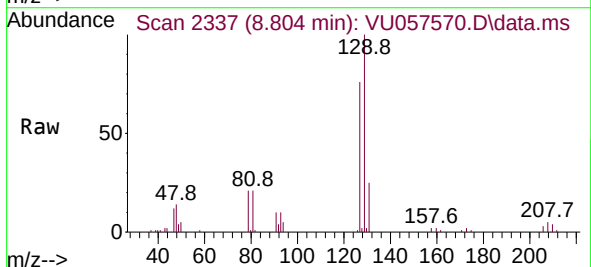


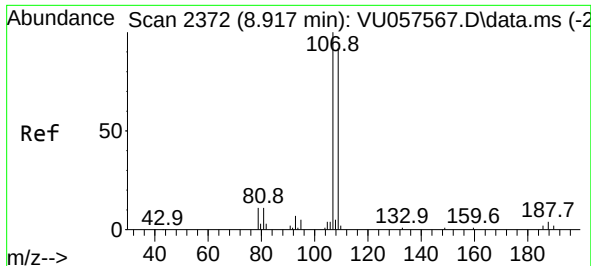
Tgt Ion: 43 Resp: 99835
Ion Ratio Lower Upper
43 100
58 57.2 44.3 66.5
57 20.2 15.5 23.3
100 11.8 9.7 14.5



#49
Dibromochloromethane
Concen: 5.169 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

Tgt Ion:129 Resp: 24393
Ion Ratio Lower Upper
129 100
127 76.1 54.5 101.1





#50

1,2-Dibromoethane

Concen: 5.187 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

Instrument :

MSVOA_U

ClientSampleId :

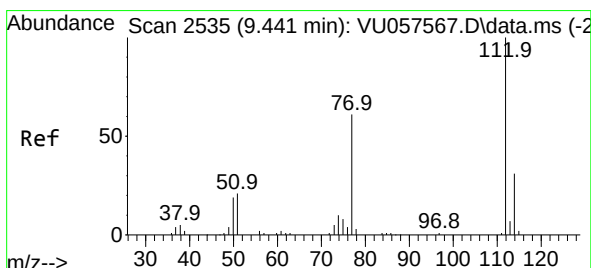
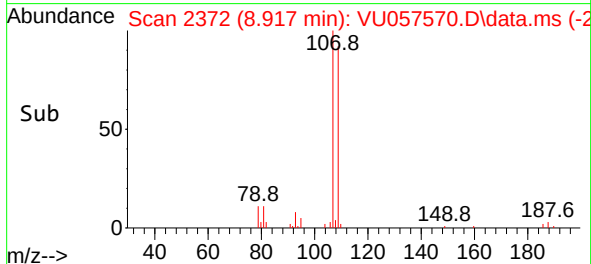
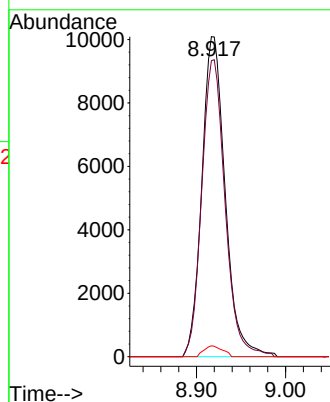
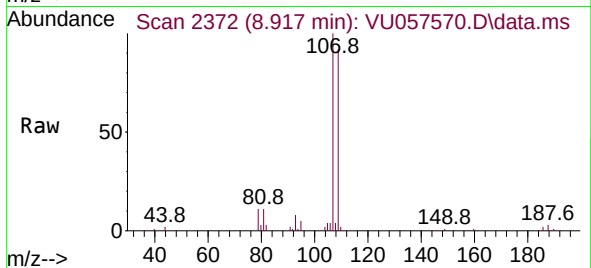
Tgt Ion:107 Resp: 18345

Ion Ratio Lower Upper

107 100

109 92.5 64.5 119.9

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 5.124 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

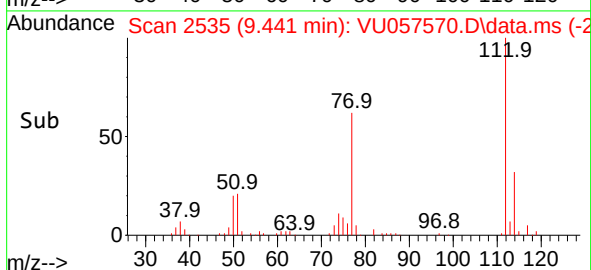
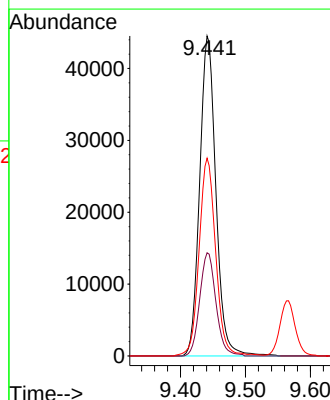
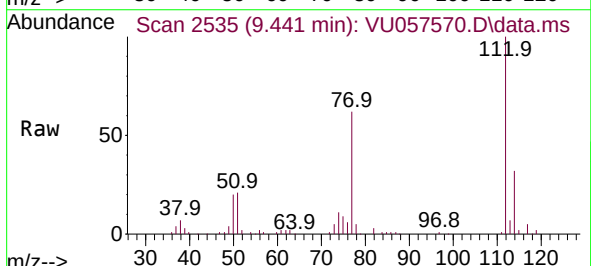
Tgt Ion:112 Resp: 77608

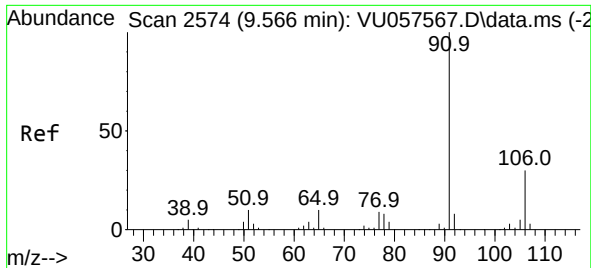
Ion Ratio Lower Upper

112 100

114 32.3 22.0 40.8

77 61.8 49.2 73.8

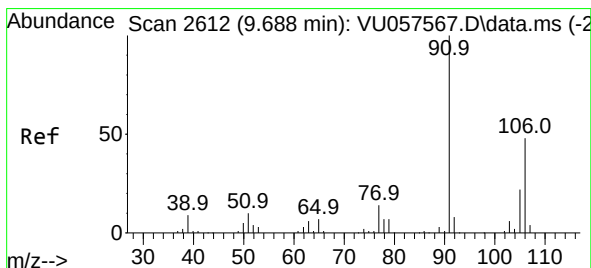
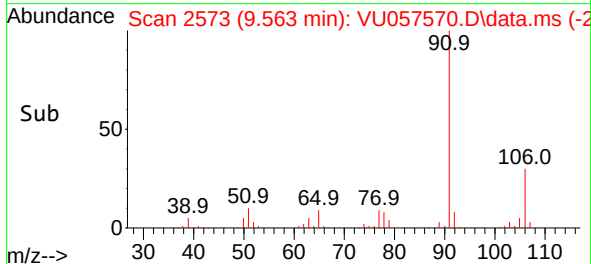
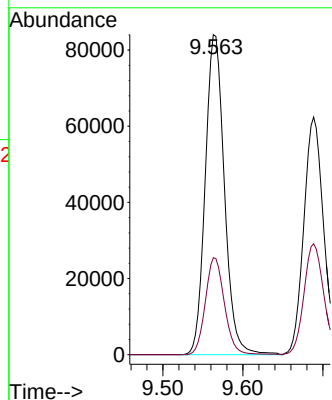
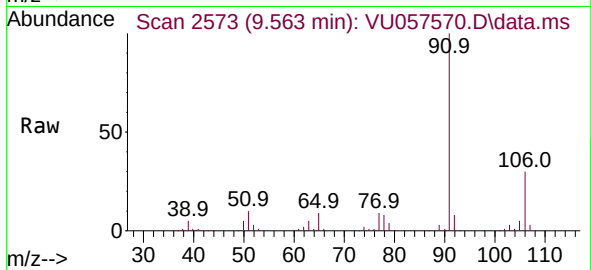




#52
Ethylbenzene
Concen: 5.157 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

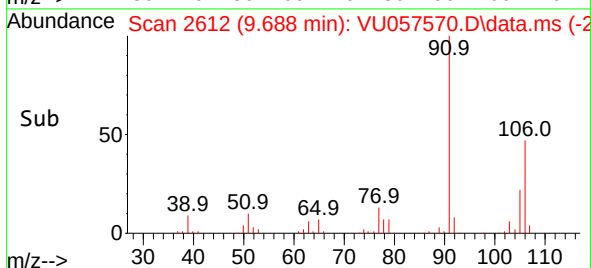
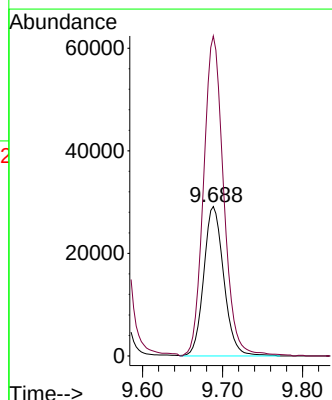
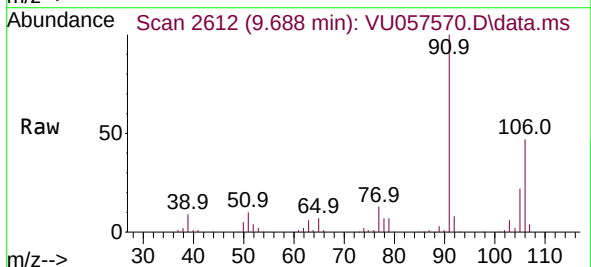
Instrument :
MSVOA_U
ClientSampleId :

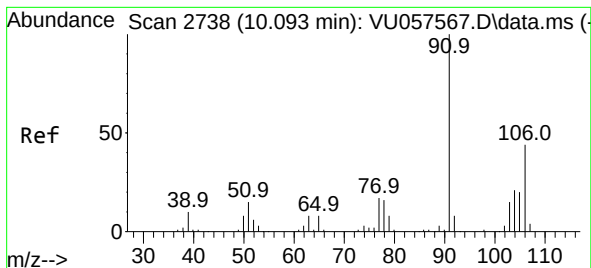
Tgt Ion: 91 Resp: 140327
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 5.071 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

Tgt Ion:106 Resp: 50909
Ion Ratio Lower Upper
106 100
91 214.1 146.9 272.9





#54

o-Xylene

Concen: 5.175 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

Instrument :

MSVOA_U

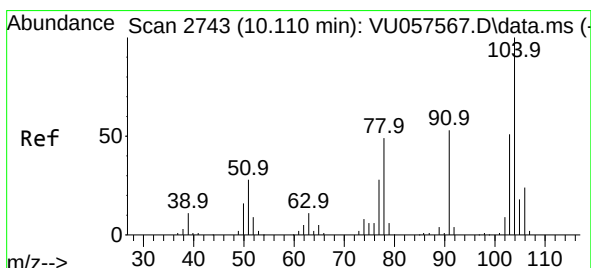
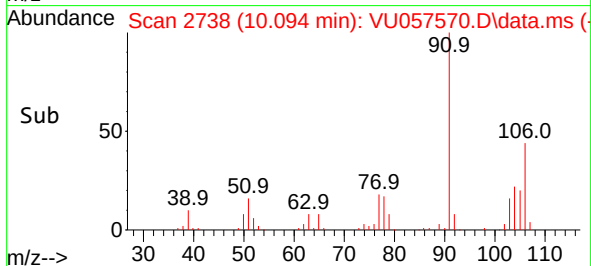
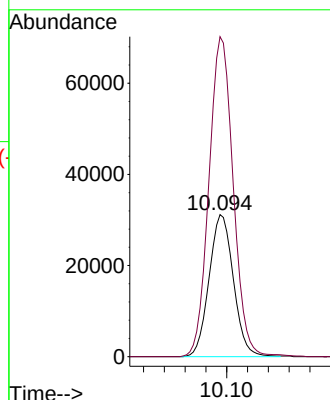
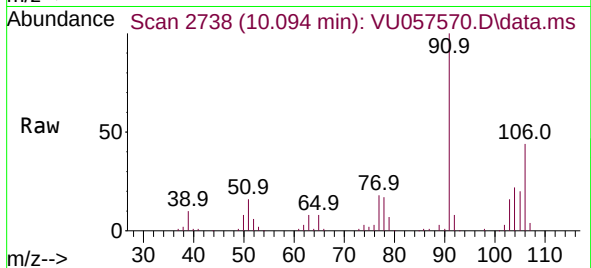
ClientSampleId :

Tgt Ion:106 Resp: 50648

Ion Ratio Lower Upper

106 100

91 225.3 158.1 293.5



#55

Styrene

Concen: 5.191 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU057570.D

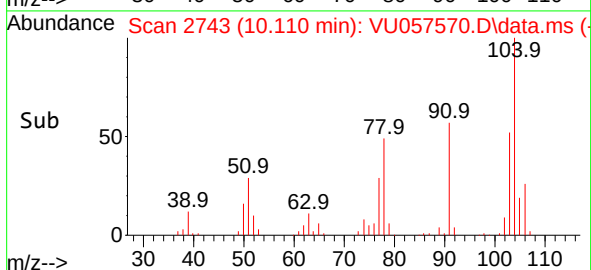
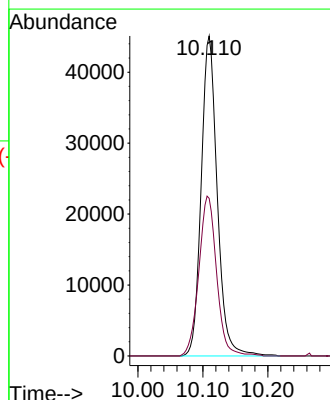
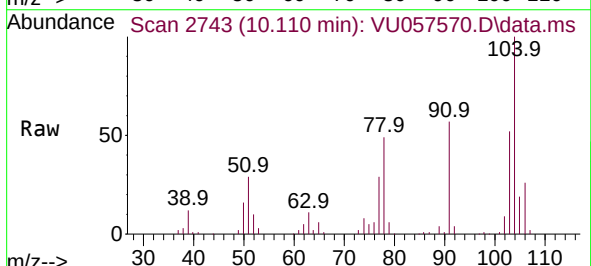
Acq: 23 Jan 2024 14:49

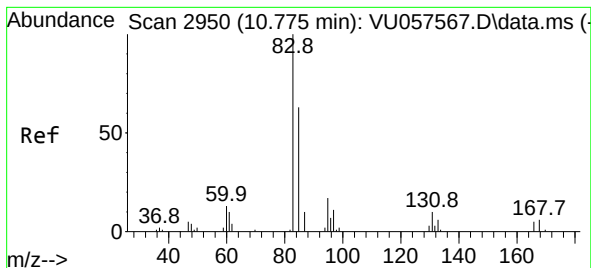
Tgt Ion:104 Resp: 77722

Ion Ratio Lower Upper

104 100

78 49.2 34.3 63.7

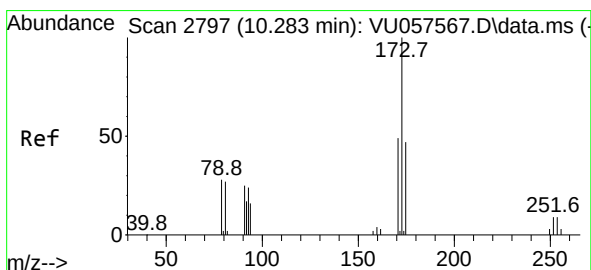
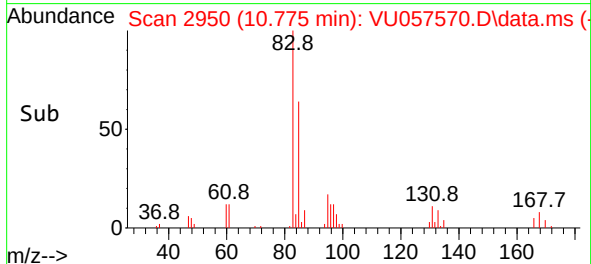
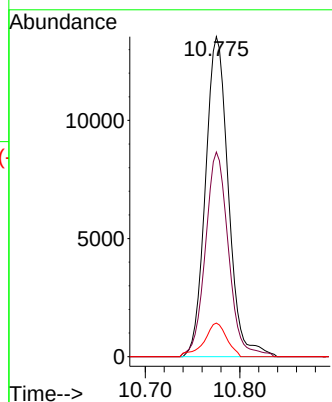
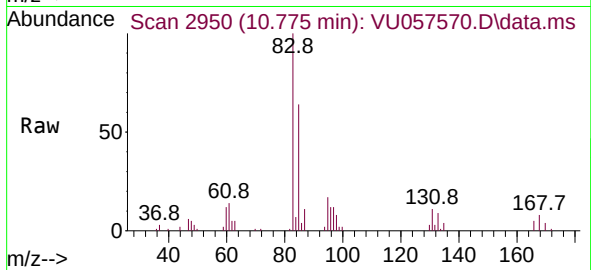




#57
1,1,2,2-Tetrachloroethane
Concen: 5.149 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

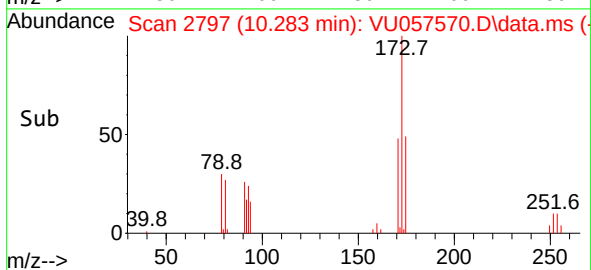
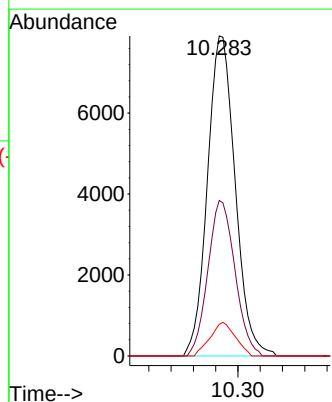
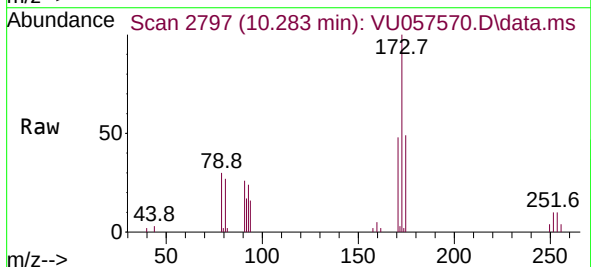
Instrument :
MSVOA_U
ClientSampleId :

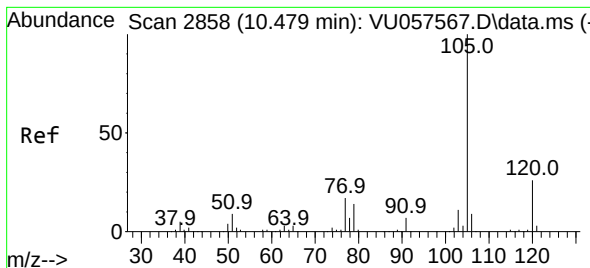
Tgt Ion: 83 Resp: 22768
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.5
131 10.5 8.3 12.5



#59
Bromoform
Concen: 5.446 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

Tgt Ion:173 Resp: 13672
Ion Ratio Lower Upper
173 100
175 47.3 37.5 56.3
254 9.5 7.2 10.8





#60

Isopropylbenzene

Concen: 5.135 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

Instrument :

MSVOA_U

ClientSampleId :

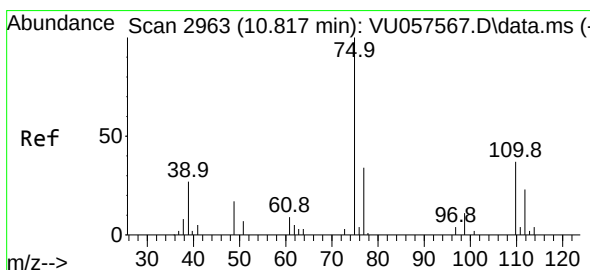
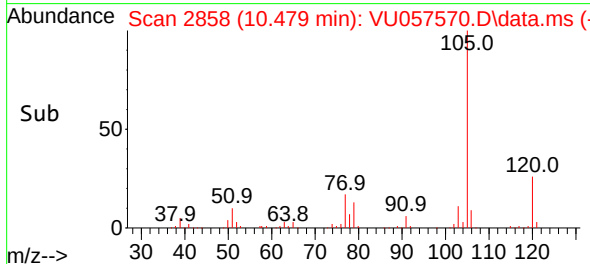
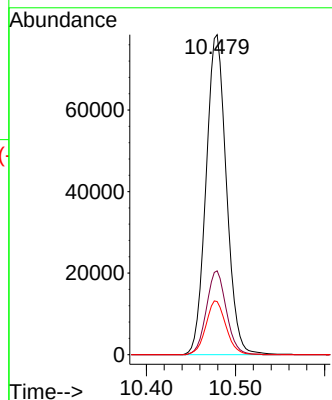
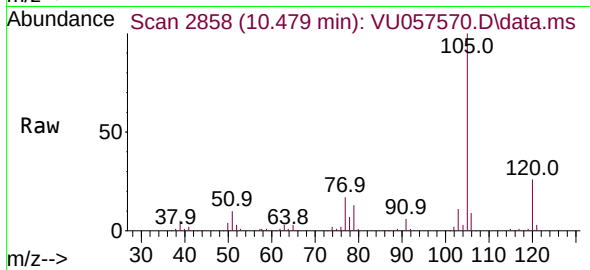
Tgt Ion:105 Resp: 124339

Ion Ratio Lower Upper

105 100

120 25.7 20.8 31.2

77 16.6 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.182 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

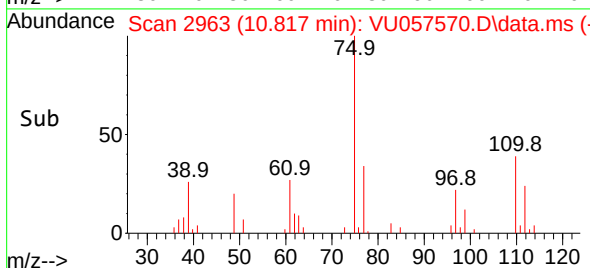
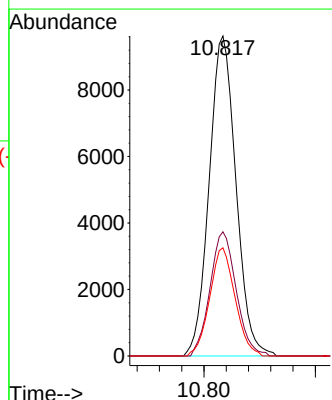
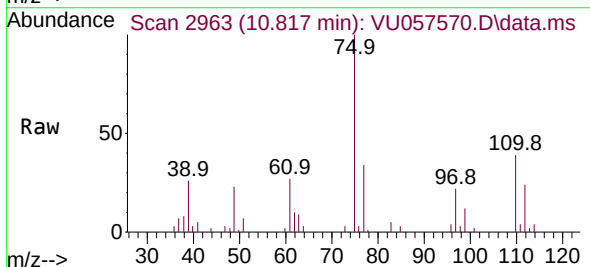
Tgt Ion: 75 Resp: 16075

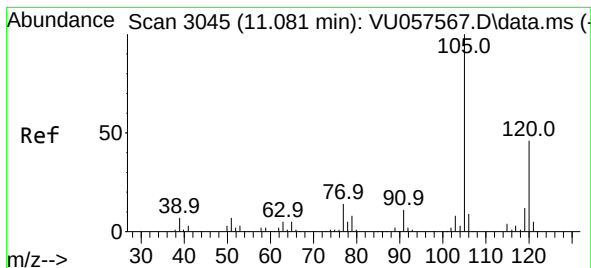
Ion Ratio Lower Upper

75 100

110 37.9 30.1 45.1

77 32.0 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.276 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

Instrument :

MSVOA_U

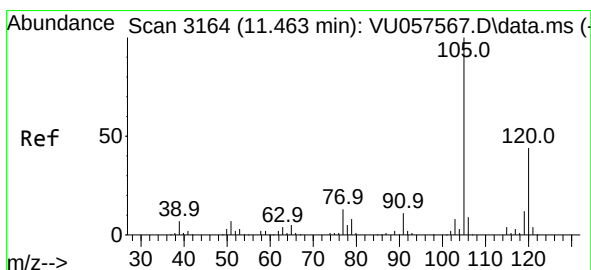
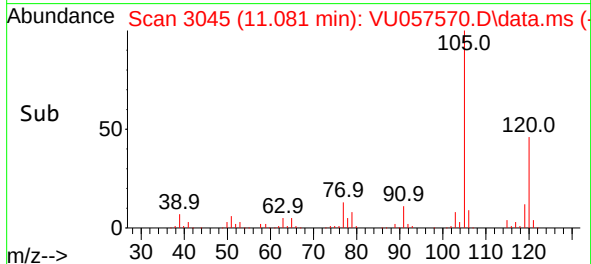
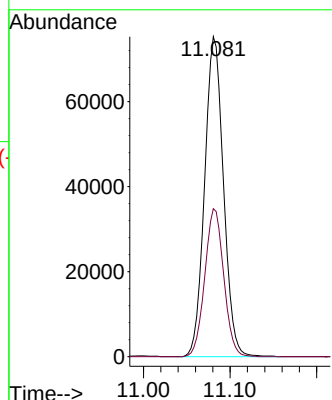
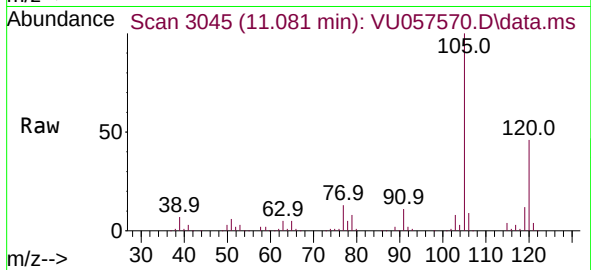
ClientSampleId :

Tgt Ion:105 Resp: 113854

Ion Ratio Lower Upper

105 100

120 46.5 36.9 55.3



#63

1,2,4-Trimethylbenzene

Concen: 5.324 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU057570.D

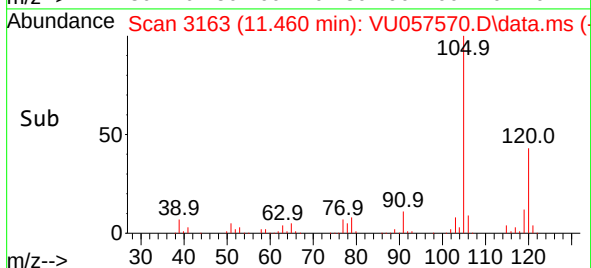
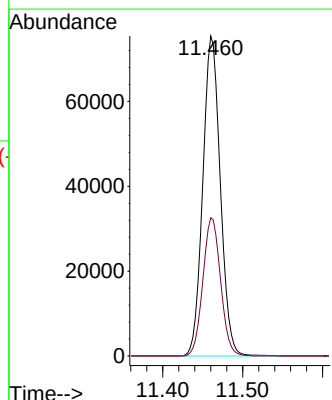
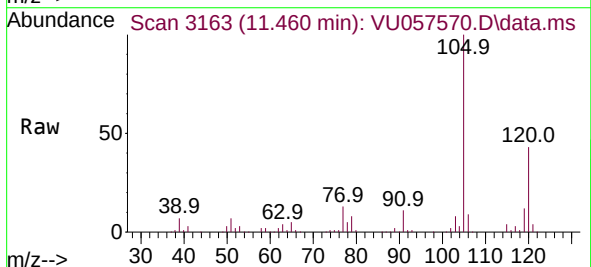
Acq: 23 Jan 2024 14:49

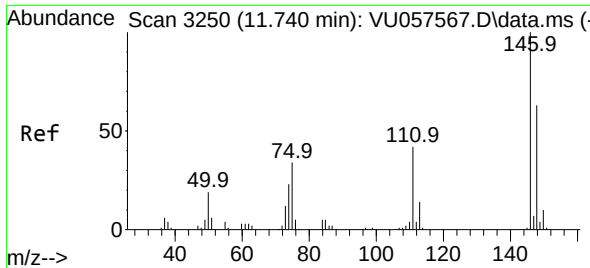
Tgt Ion:105 Resp: 114976

Ion Ratio Lower Upper

105 100

120 43.6 35.0 52.4

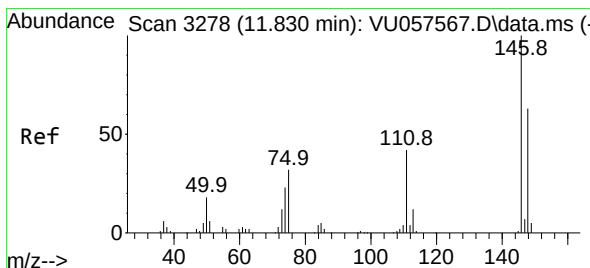
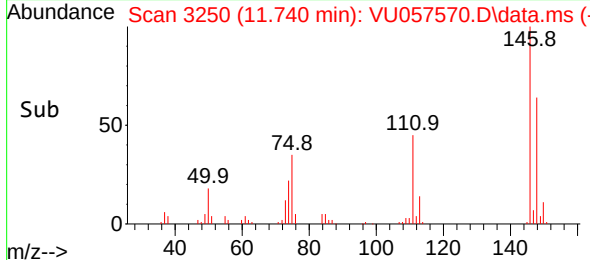
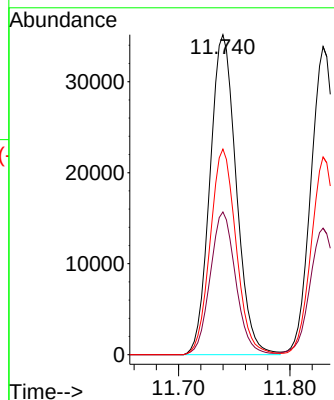
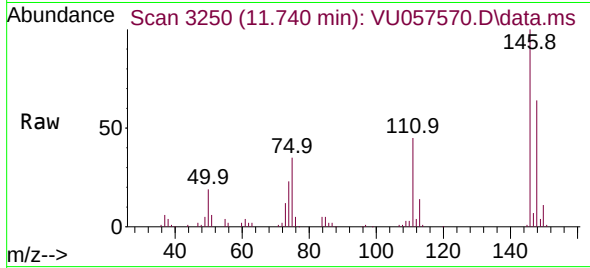




#64
1,3-Dichlorobenzene
Concen: 5.225 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

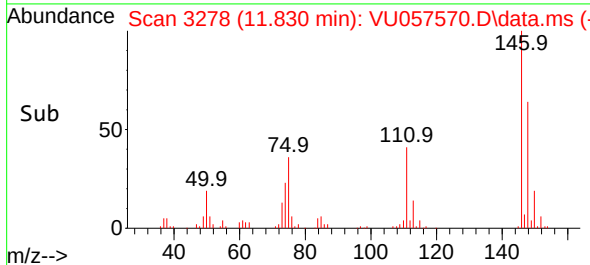
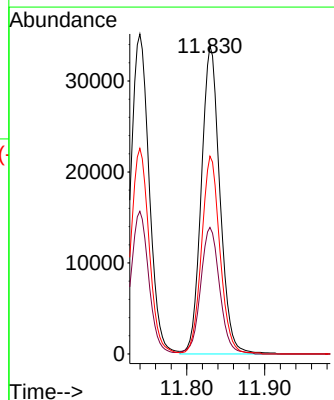
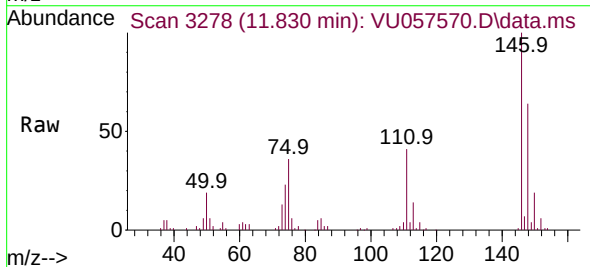
Instrument :
MSVOA_U
ClientSampleId :

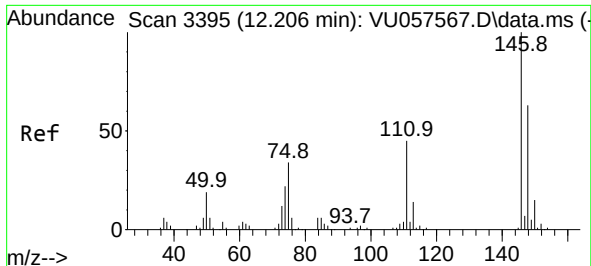
Tgt Ion:146 Resp: 57751
Ion Ratio Lower Upper
146 100
111 44.6 29.6 55.0
148 64.3 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.308 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

Tgt Ion:146 Resp: 56155
Ion Ratio Lower Upper
146 100
111 41.1 29.5 54.7
148 64.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.330 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

Instrument :

MSVOA_U

ClientSampleId :

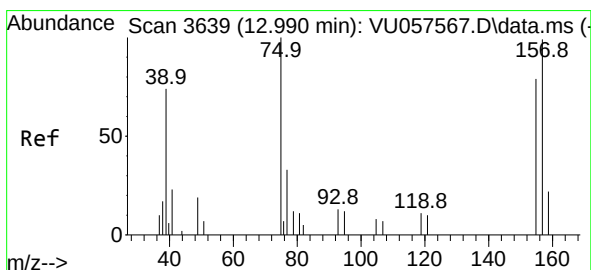
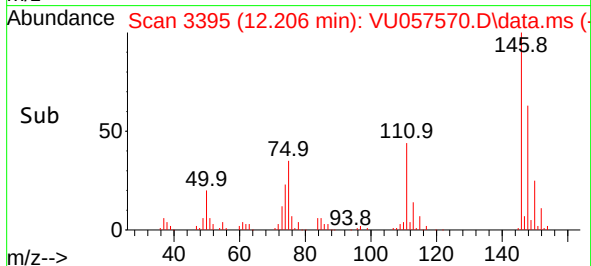
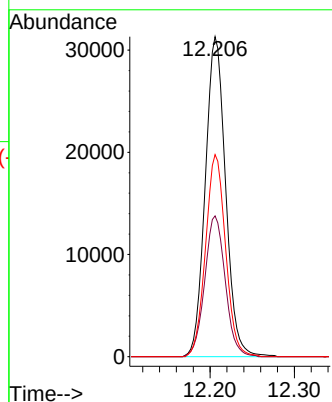
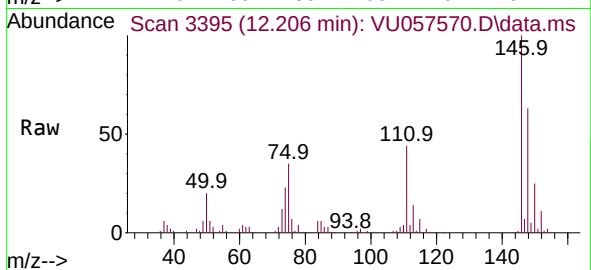
Tgt Ion:146 Resp: 52569

Ion Ratio Lower Upper

146 100

111 44.0 35.7 53.5

148 63.2 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 6.213 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057570.D

Acq: 23 Jan 2024 14:49

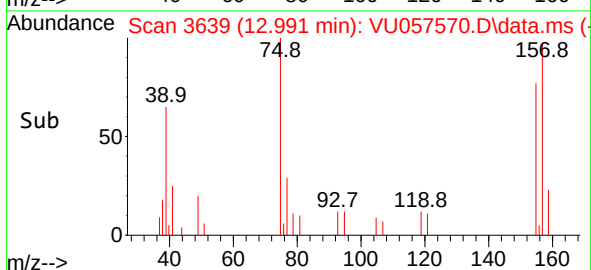
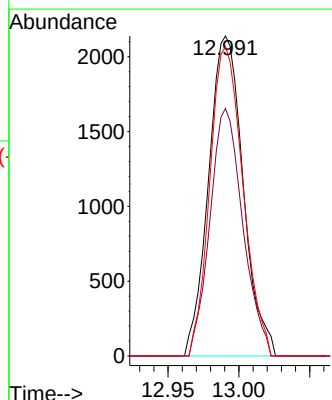
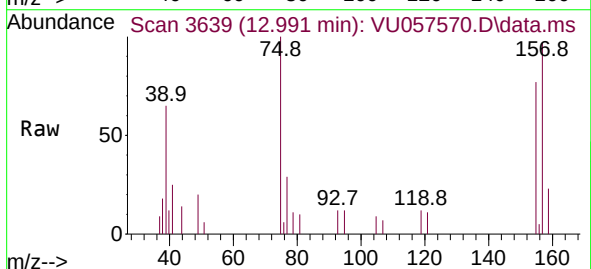
Tgt Ion: 75 Resp: 3628

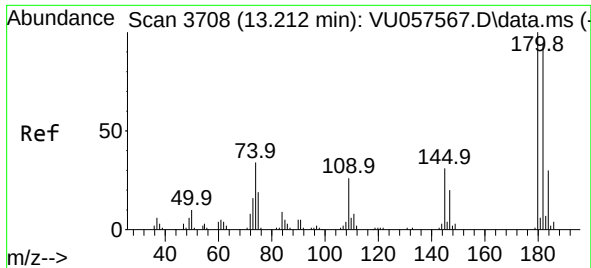
Ion Ratio Lower Upper

75 100

155 77.4 62.8 94.2

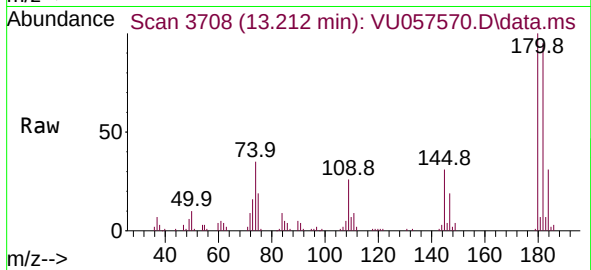
157 96.7 78.9 118.3





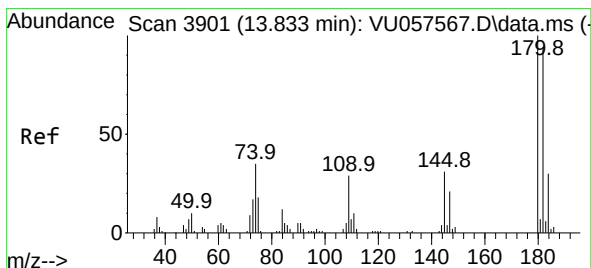
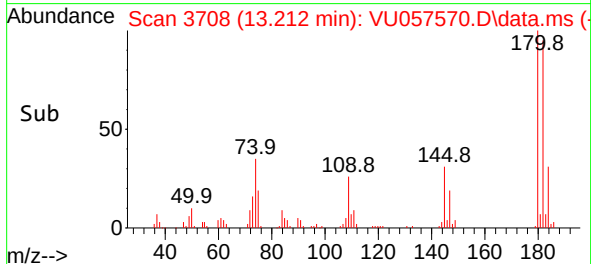
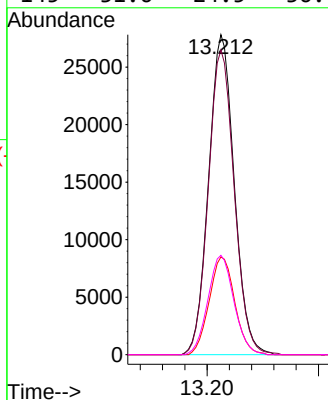
#69
 1,3,5-Trichlorobenzene
 Concen: 5.472 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU057570.D
 Acq: 23 Jan 2024 14:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 44399

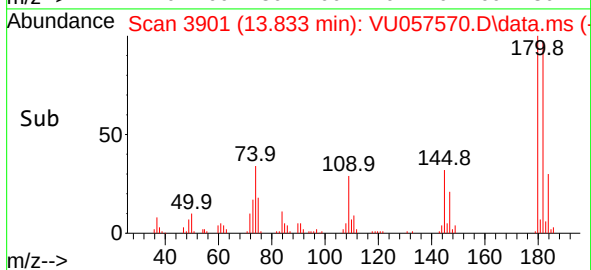
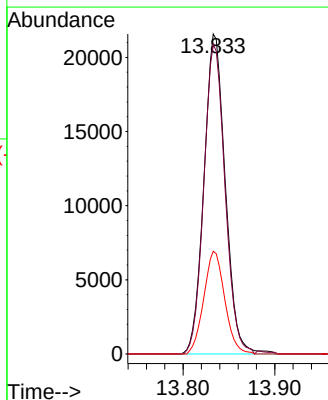
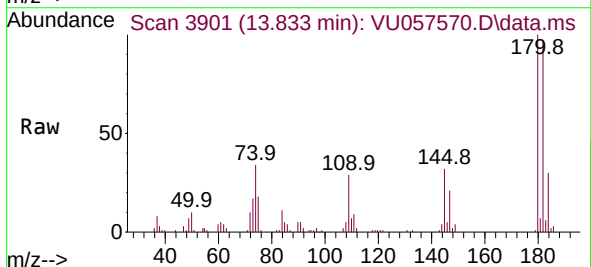
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.4	113.2
184	30.5	24.1	36.1
145	31.6	24.5	36.7

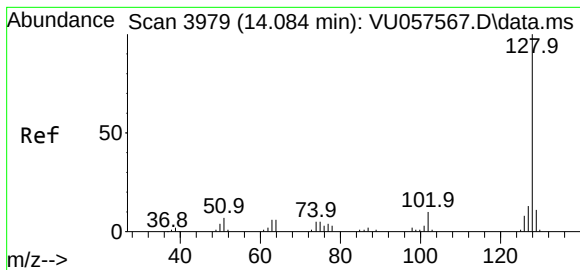


#70
 1,2,4-trichlorobenzene
 Concen: 5.882 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU057570.D
 Acq: 23 Jan 2024 14:49

Tgt Ion:180 Resp: 34962

Ion	Ratio	Lower	Upper
180	100		
182	95.6	74.9	112.3
145	31.4	25.4	38.2

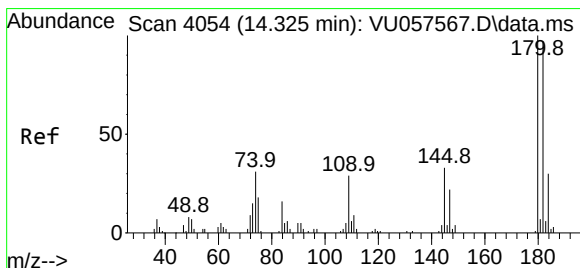
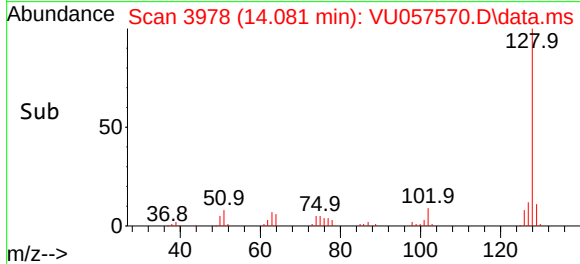
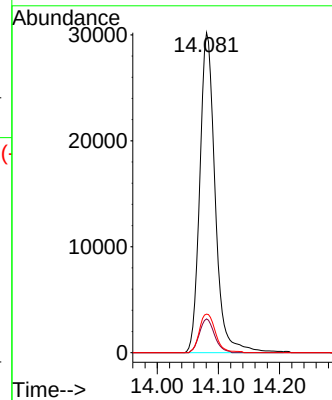
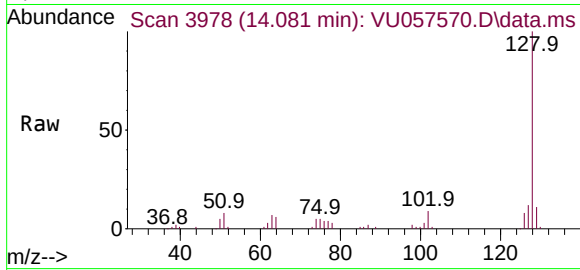




#71
Naphthalene
Concen: 6.274 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp: 52783
Ion Ratio	Lower Upper
128 100	
129 10.4	8.6 13.0
127 12.8	10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 6.070 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU057570.D
Acq: 23 Jan 2024 14:49

Tgt Ion:180	Resp: 28082
Ion Ratio	Lower Upper
180 100	
182 94.9	78.1 117.1
145 33.0	26.7 40.1

