

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057568.D
 Acq On : 23 Jan 2024 13:28
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:29:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	69609	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	64721	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	40759	6.375	ug/L	0.00
7) Chloroethane-d5	1.914	69	32923	6.592	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	19362	7.035	ug/L	0.00
20) 2-Butanone-d5	4.634	46	83632	68.579	ug/L	0.00
24) Chloroform-d	5.055	84	85033	7.505	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	39313	7.255	ug/L	0.00
32) Benzene-d6	5.721	84	164325	7.773	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	49155	7.460	ug/L	0.00
41) Toluene-d8	7.891	98	155850	8.672	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	20550	8.826	ug/L	0.00
46) 2-Hexanone-d5	8.628	63	65527	79.222	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	33578	7.286	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	48700	8.044	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	60173	12.526	ug/L	99
3) Chloromethane	1.518	50	59839	9.983	ug/L	99
5) Vinyl chloride	1.602	62	65058	11.993	ug/L	100
6) Bromomethane	1.856	94	34303	11.173	ug/L	97
8) Chloroethane	1.933	64	38955	11.631	ug/L	96
9) Trichlorofluoromethane	2.139	101	96419	12.766	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	56364	12.008	ug/L	99
12) 1,1-Dichloroethene	2.576	96	52090	12.244	ug/L	93
13) Acetone	2.663	43	67186	85.095	ug/L	97
14) Carbon disulfide	2.792	76	169278	13.754	ug/L	99
15) Methyl Acetate	2.956	43	17619	9.860	ug/L	98
16) Methylene chloride	3.043	84	56161	10.143	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	129167	12.368	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	55876	13.130	ug/L	99
19) 1,1-Dichloroethane	3.862	63	104047	11.330	ug/L	99
21) 2-Butanone	4.714	43	109136	98.180	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	61297	12.554	ug/L	99
23) Bromochloromethane	4.968	128	24867	11.924	ug/L	99
25) Chloroform	5.081	83	107956	11.264	ug/L	98
27) 1,2-Dichloroethane	5.785	62	65074	11.301	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	97816	12.254	ug/L	99
30) Cyclohexane	5.380	56	93337	13.797	ug/L	100
31) Carbon tetrachloride	5.518	117	87888	13.023	ug/L	98
33) Benzene	5.766	78	228166	12.035	ug/L	100
34) Trichloroethene	6.534	95	63777	12.691	ug/L	96
35) Methylcyclohexane	6.756	83	102837	14.599	ug/L	98
37) 1,2-Dichloropropane	6.782	63	58204	11.028	ug/L	100
38) Bromodichloromethane	7.097	83	77441	11.957	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	91478	12.649	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	278754	109.028	ug/L	100
42) Toluene	7.962	91	251058	13.241	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	75520	12.894	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057568.D
 Acq On : 23 Jan 2024 13:28
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

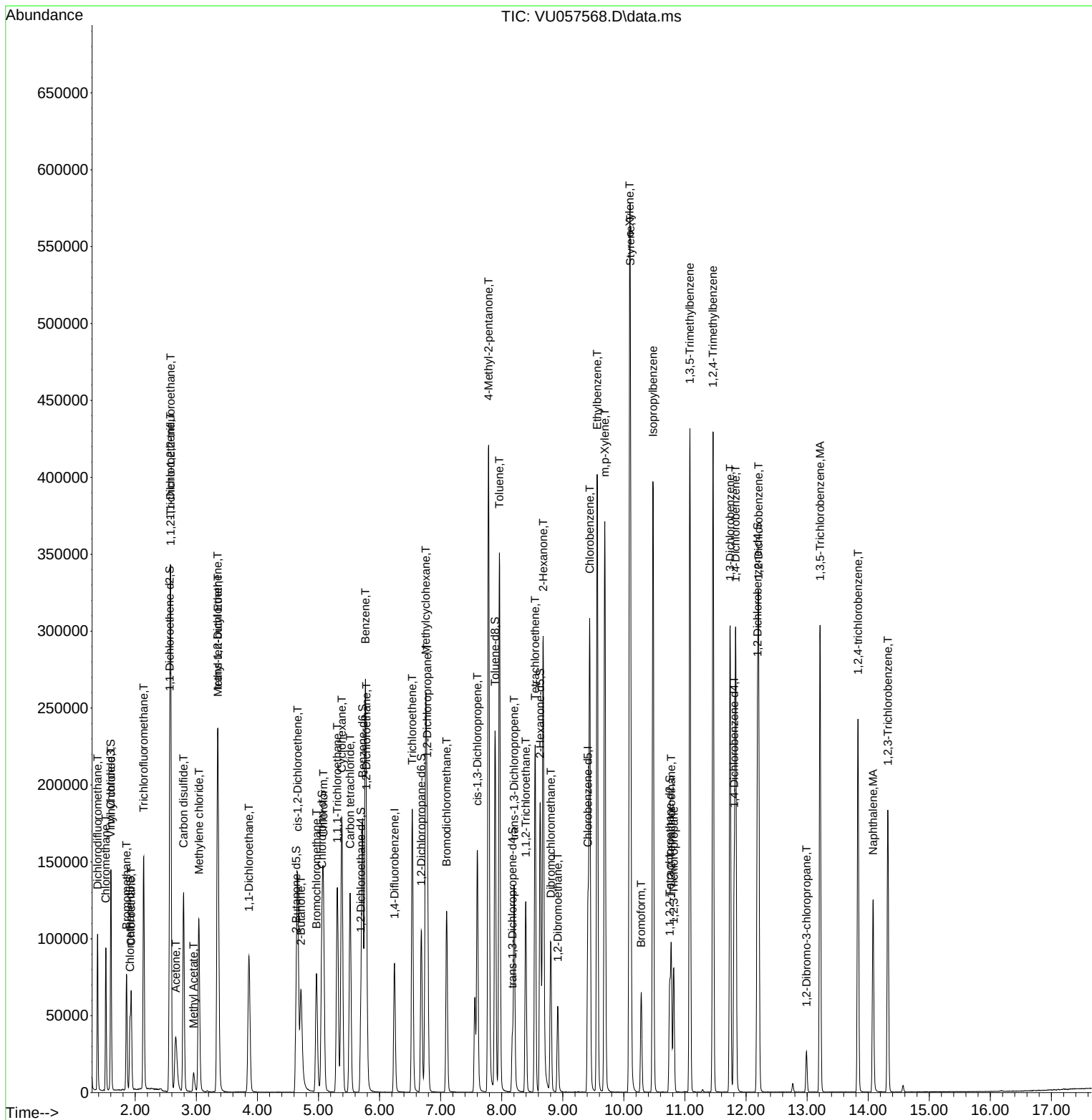
Quant Time: Jan 24 00:29:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:26:42 2024
 Response via : Initial Calibration

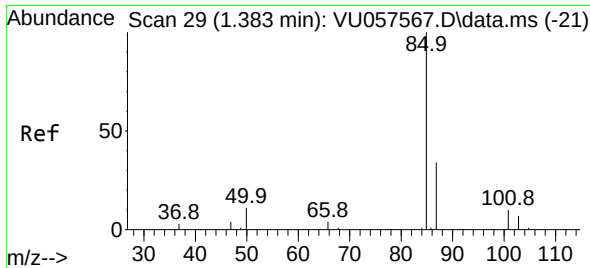
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.393	97	38204	11.298	ug/L	99
47) Tetrachloroethene	8.547	164	46336	13.448	ug/L	99
48) 2-Hexanone	8.679	43	195035	104.961	ug/L	96
49) Dibromochloromethane	8.804	129	49588	12.921	ug/L	100
50) 1,2-Dibromoethane	8.917	107	37319	12.763	ug/L	98
51) Chlorobenzene	9.441	112	158366	12.644	ug/L	99
52) Ethylbenzene	9.563	91	286577	13.724	ug/L	100
53) m,p-Xylene	9.689	106	104317	13.928	ug/L	95
54) o-Xylene	10.094	106	103731	14.236	ug/L	100
55) Styrene	10.107	104	163589	13.962	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	46226	10.847	ug/L	98
59) Bromoform	10.283	173	28282	12.492	ug/L	98
60) Isopropylbenzene	10.476	105	258560	12.833	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	33308	10.757	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	232486	14.524	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	236772	14.801	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	118451	12.565	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	113602	12.177	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	105953	12.208	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7118	12.273	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	90949	13.952	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	70328	15.684	ug/L	99
71) Naphthalene	14.081	128	101427	15.829	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	54605	14.843	ug/L	97

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

Quant Time: Jan 24 00:29:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 24 00:26:42 2024
Response via : Initial Calibration

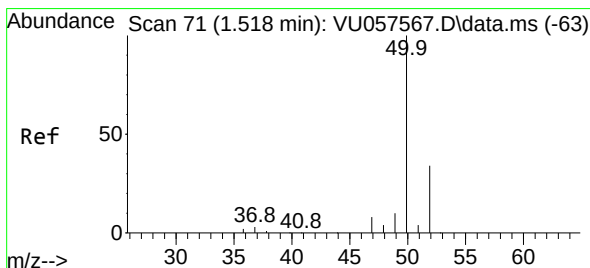
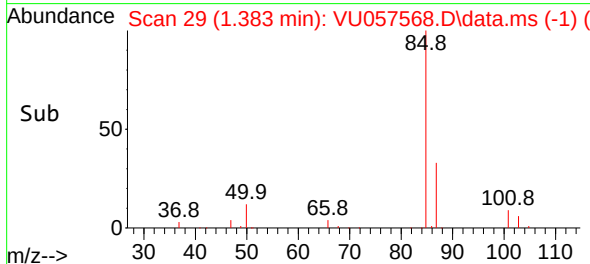
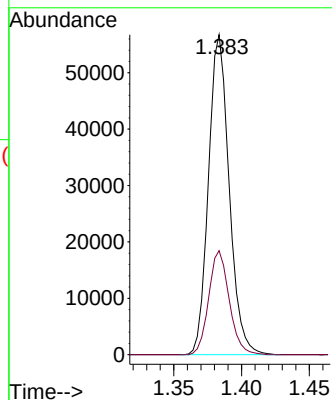
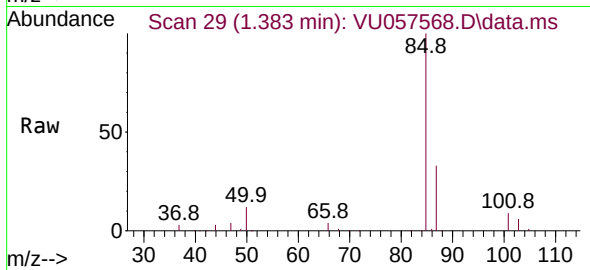




#2
Dichlorodifluoromethane
Concen: 12.526 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

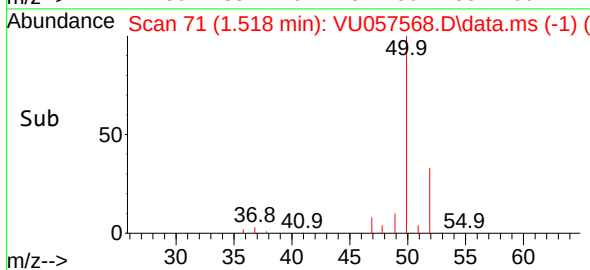
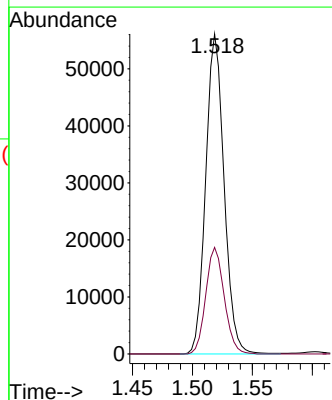
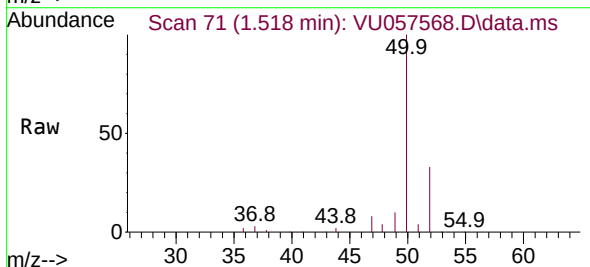
Instrument :
MSVOA_U
ClientSampleId :

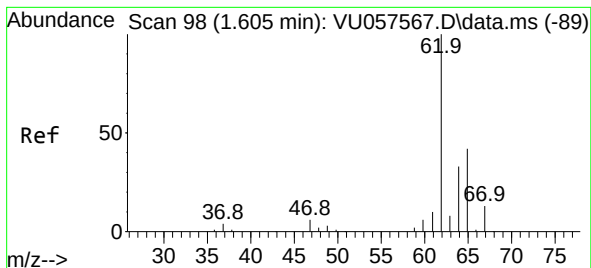
Tgt Ion: 85 Resp: 60173
Ion Ratio Lower Upper
85 100
87 32.2 26.4 39.6



#3
Chloromethane
Concen: 9.983 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion: 50 Resp: 59839
Ion Ratio Lower Upper
50 100
52 33.3 23.7 43.9





#5

Vinyl chloride

Concen: 11.993 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU057568.D

Acq: 23 Jan 2024 13:28

Instrument :

MSVOA_U

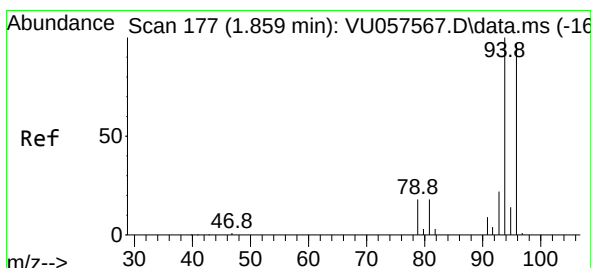
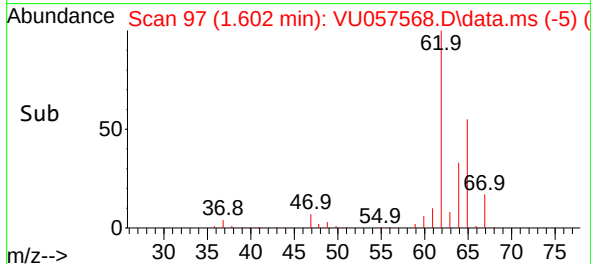
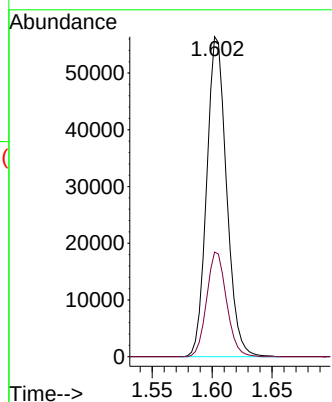
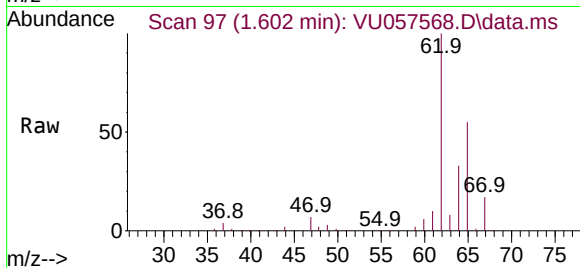
ClientSampleId :

Tgt Ion: 62 Resp: 65058

Ion Ratio Lower Upper

62 100

64 32.7 22.8 42.4



#6

Bromomethane

Concen: 11.173 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.003 min

Lab File: VU057568.D

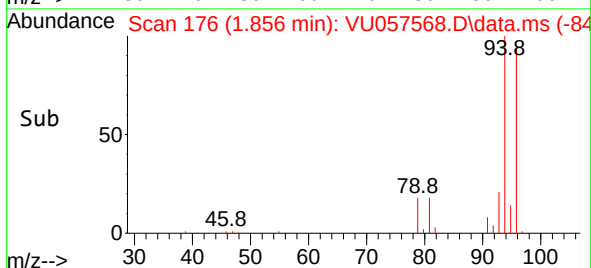
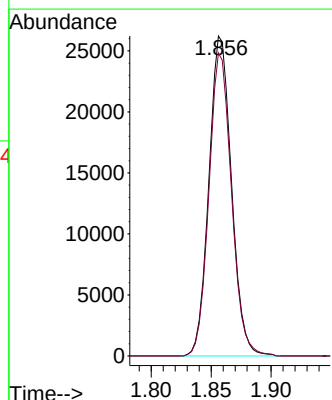
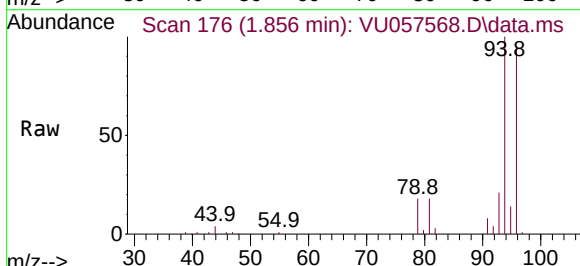
Acq: 23 Jan 2024 13:28

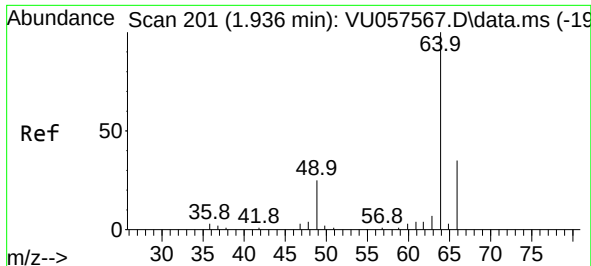
Tgt Ion: 94 Resp: 34303

Ion Ratio Lower Upper

94 100

96 94.7 68.0 126.4

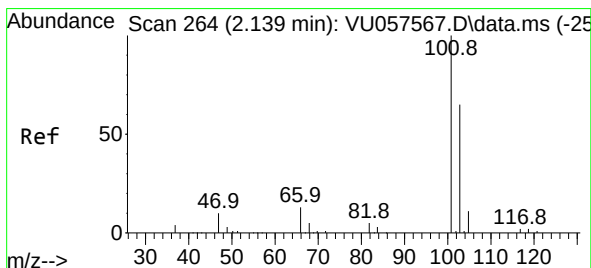
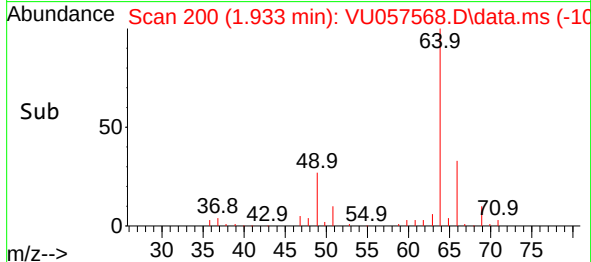
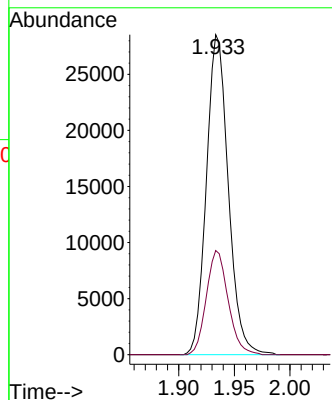
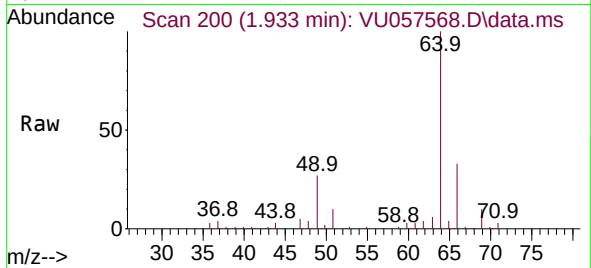




#8
Chloroethane
Concen: 11.631 ug/L
RT: 1.933 min Scan# 201
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

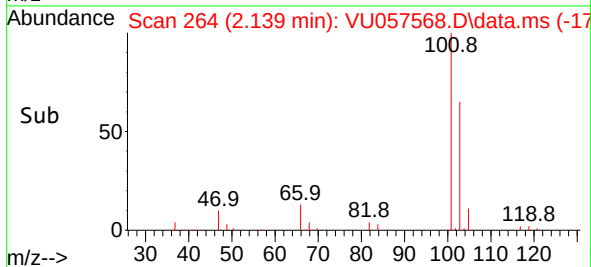
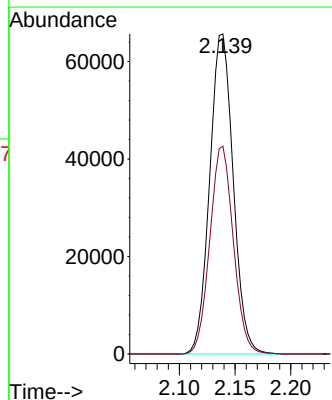
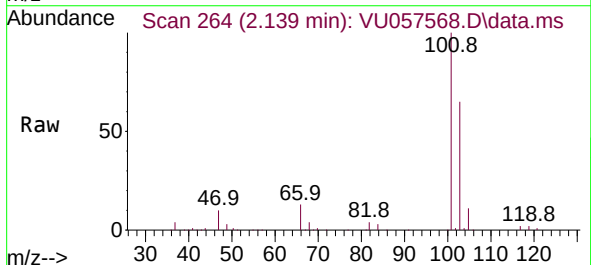
Instrument :
MSVOA_U
ClientSampleId :

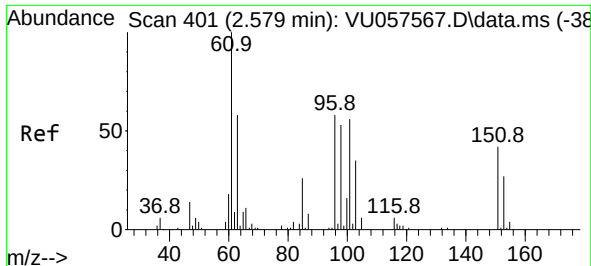
Tgt Ion: 64 Resp: 38955
Ion Ratio Lower Upper
64 100
66 32.5 24.5 45.5



#9
Trichlorofluoromethane
Concen: 12.766 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion:101 Resp: 96419
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.2

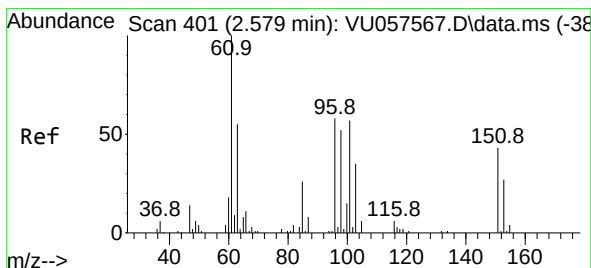
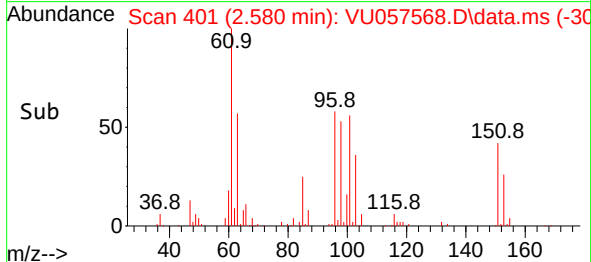
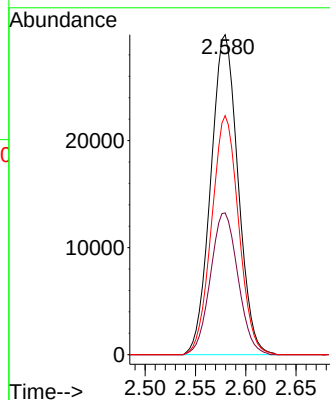
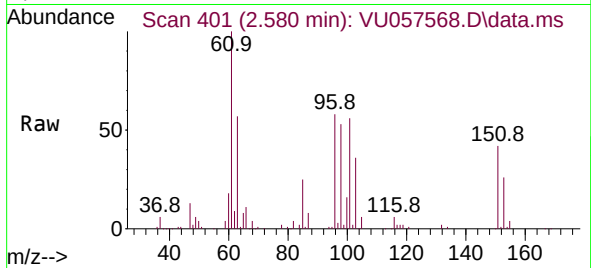




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 12.008 ug/L
RT: 2.580 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

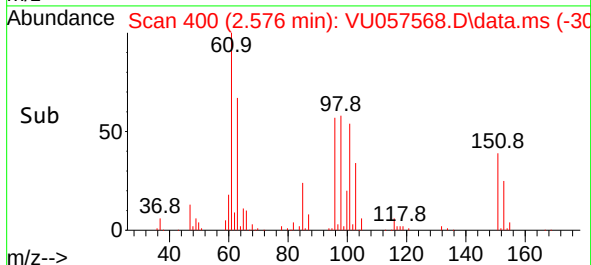
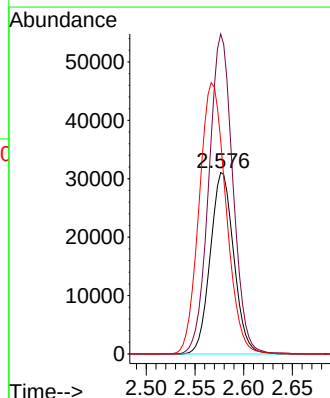
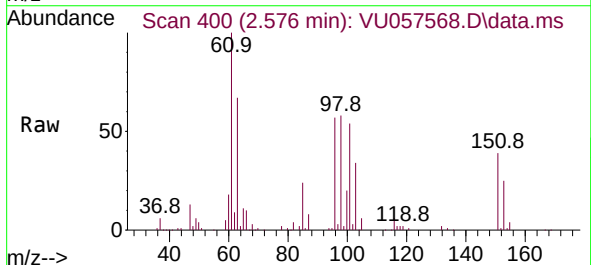
Instrument :
MSVOA_U
ClientSampleId :

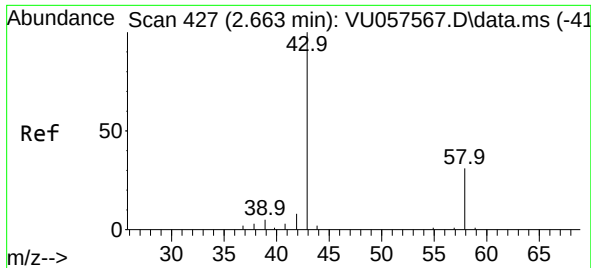
Tgt Ion:101 Resp: 56364
Ion Ratio Lower Upper
101 100
85 44.8 35.8 53.8
151 74.2 60.0 90.0



#12
1,1-Dichloroethene
Concen: 12.244 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion: 96 Resp: 52090
Ion Ratio Lower Upper
96 100
61 176.4 120.7 224.1
63 117.8 72.5 134.7





#13

Acetone

Concen: 85.095 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU057568.D

Acq: 23 Jan 2024 13:28

Instrument :

MSVOA_U

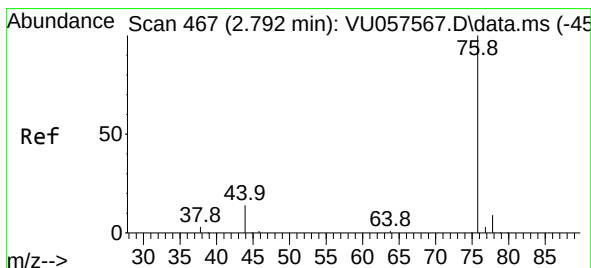
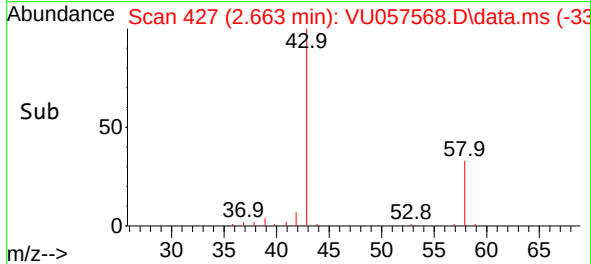
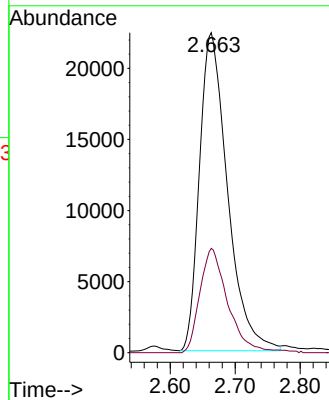
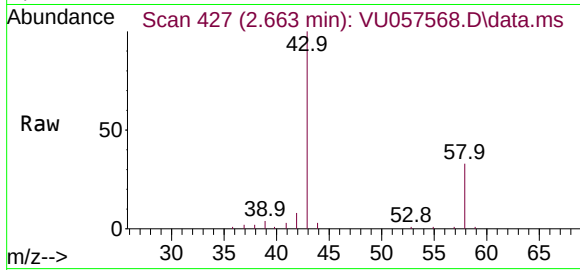
ClientSampleId :

Tgt Ion: 43 Resp: 67186

Ion Ratio Lower Upper

43 100

58 32.4 0.0 61.4



#14

Carbon disulfide

Concen: 13.754 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU057568.D

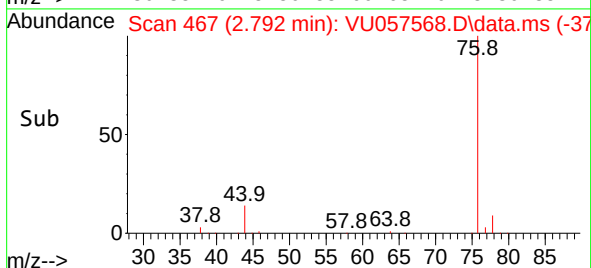
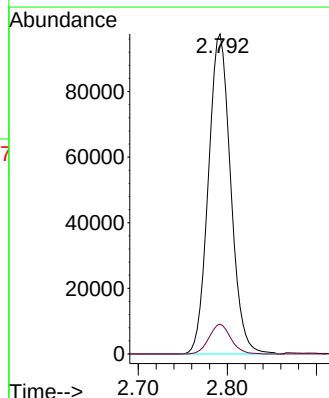
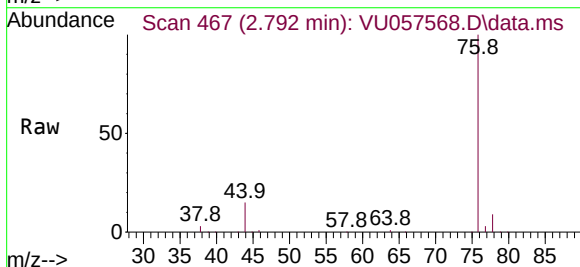
Acq: 23 Jan 2024 13:28

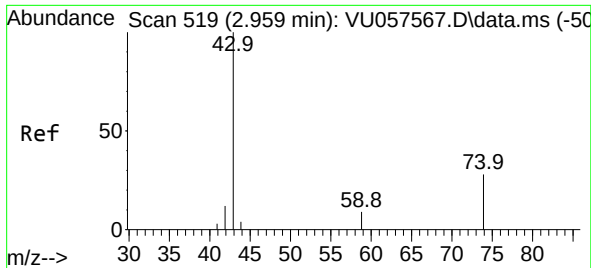
Tgt Ion: 76 Resp: 169278

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

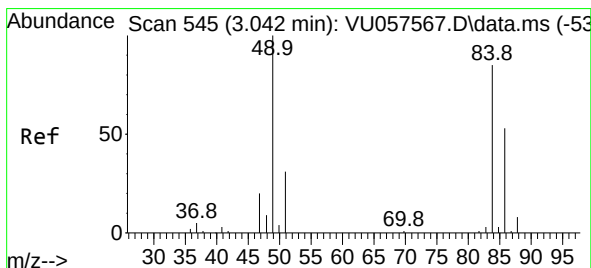
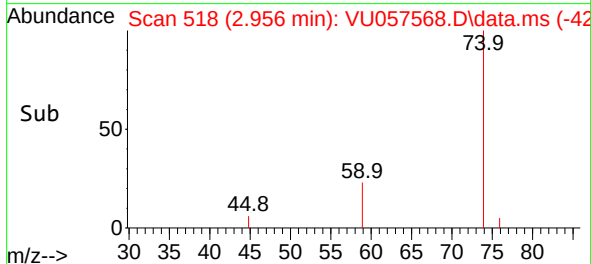
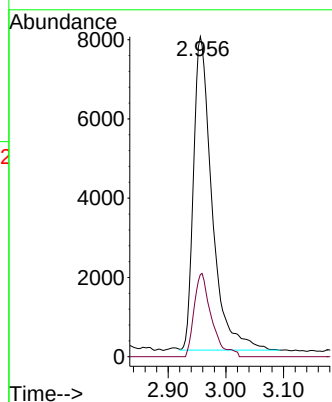
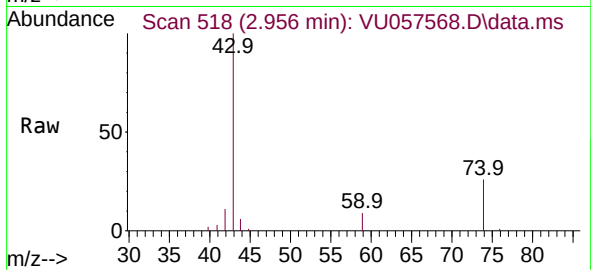




#15
Methyl Acetate
Concen: 9.860 ug/L
RT: 2.956 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

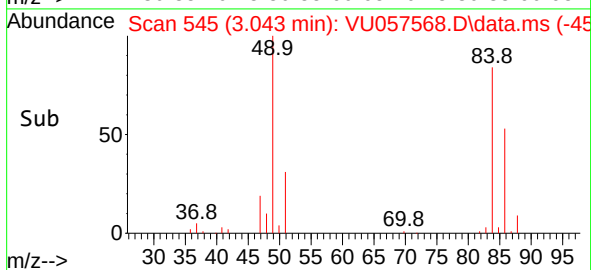
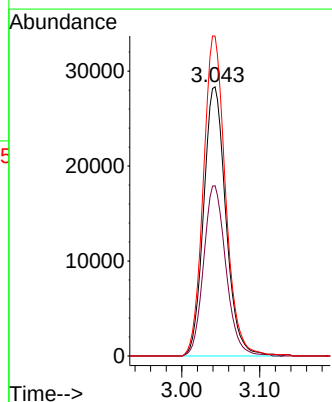
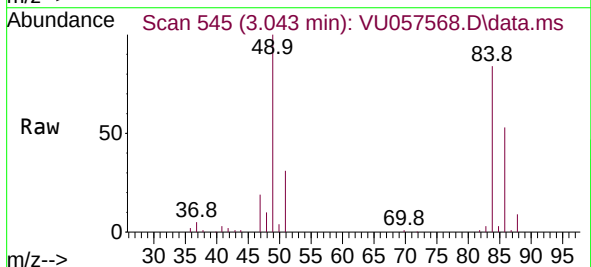
Instrument :
MSVOA_U
ClientSampleId :

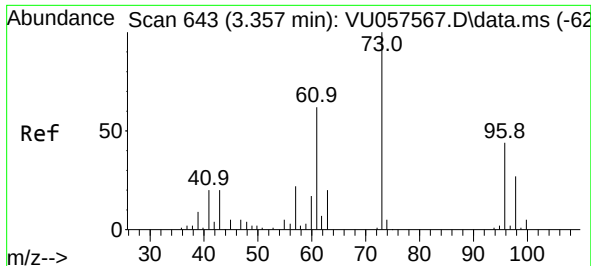
Tgt Ion: 43 Resp: 17619
Ion Ratio Lower Upper
43 100
74 24.8 20.7 31.1



#16
Methylene chloride
Concen: 10.143 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

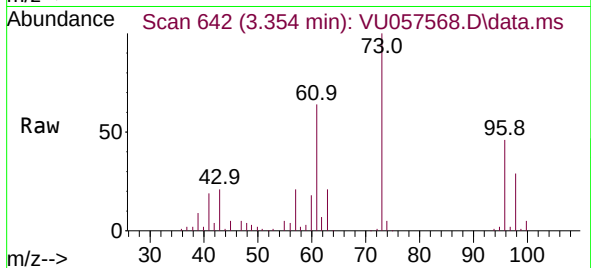
Tgt Ion: 84 Resp: 56161
Ion Ratio Lower Upper
84 100
86 63.3 43.5 80.9
49 118.9 82.5 153.1



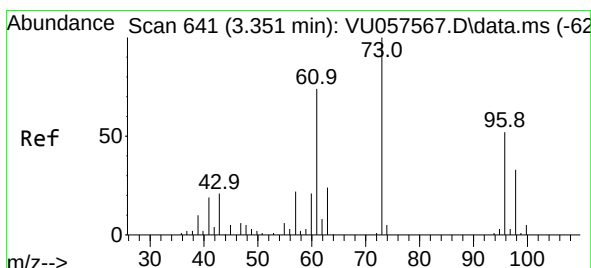
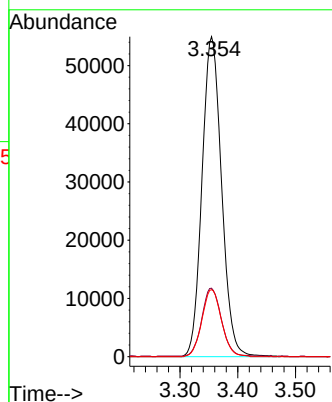
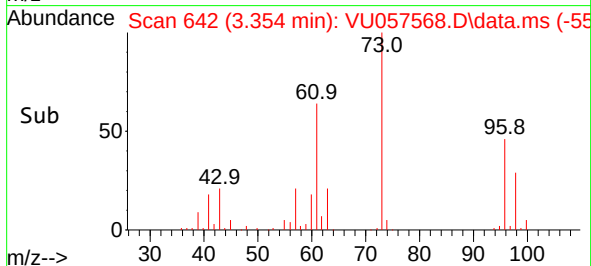


#17
Methyl tert-butyl Ether
Concen: 12.368 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Instrument :
MSVOA_U
ClientSampleId :

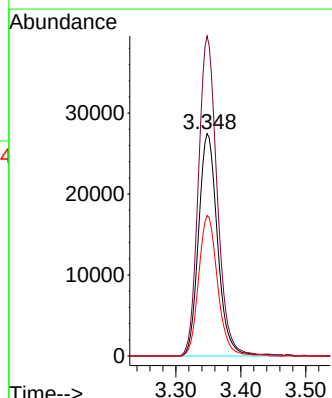
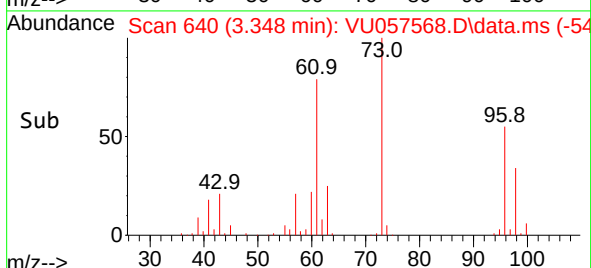
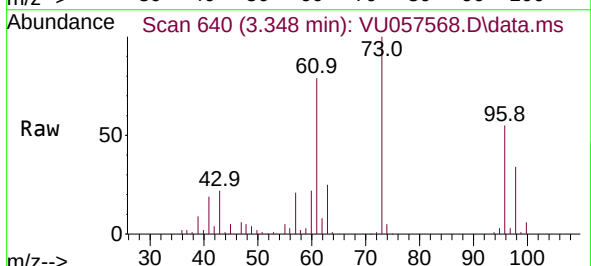


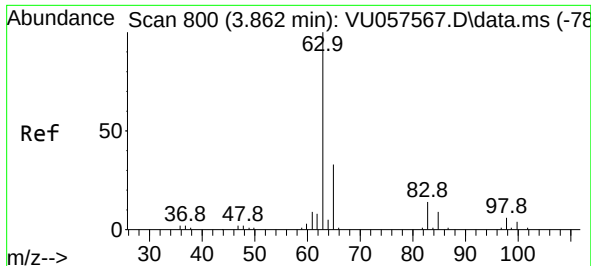
Tgt Ion: 73 Resp: 129167
Ion Ratio Lower Upper
73 100
43 21.2 17.3 25.9
57 21.1 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 13.130 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

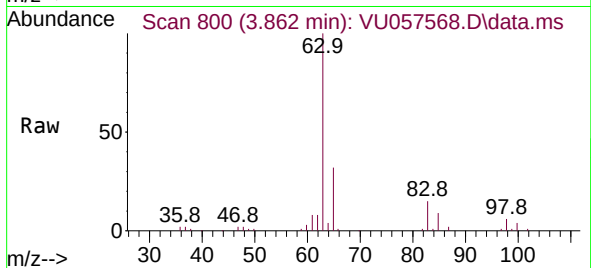
Tgt Ion: 96 Resp: 55876
Ion Ratio Lower Upper
96 100
61 143.9 99.3 184.5
98 63.2 44.5 82.7



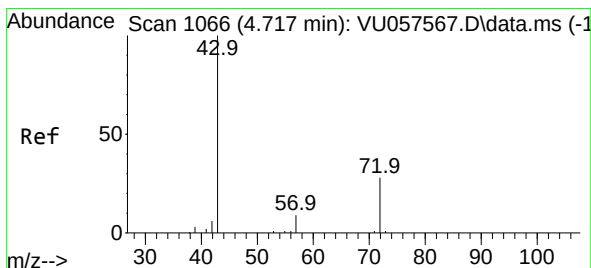
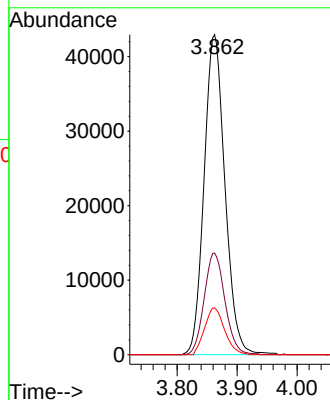
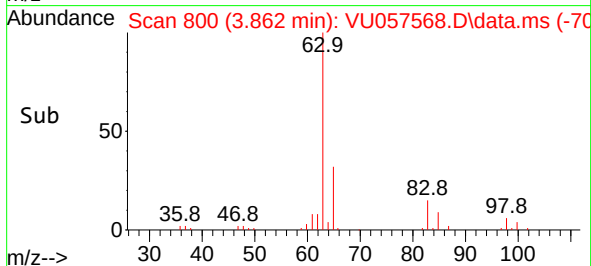


#19
1,1-Dichloroethane
Concen: 11.330 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Instrument :
MSVOA_U
ClientSampleId :

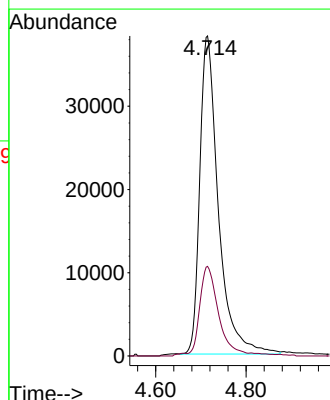
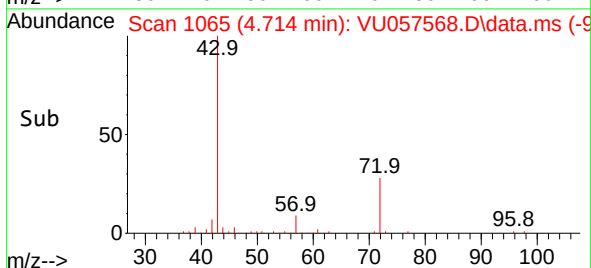
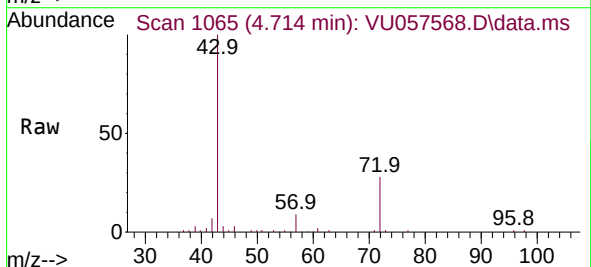


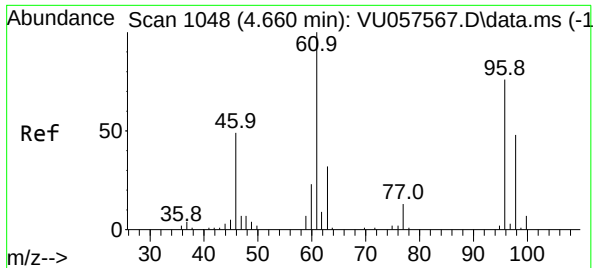
Tgt Ion: 63 Resp: 104047
Ion Ratio Lower Upper
63 100
65 32.4 23.0 42.8
83 14.6 9.7 17.9



#21
2-Butanone
Concen: 98.180 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion: 43 Resp: 109136
Ion Ratio Lower Upper
43 100
72 26.8 14.7 44.1

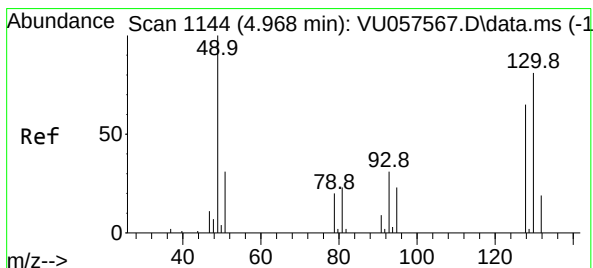
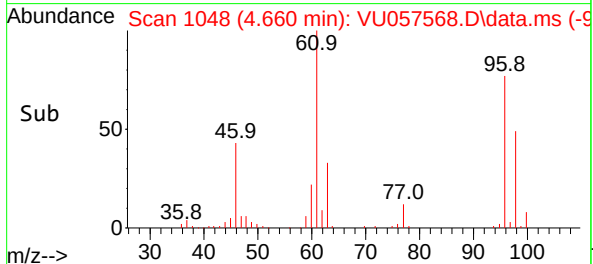
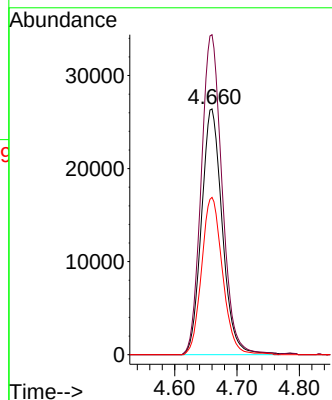
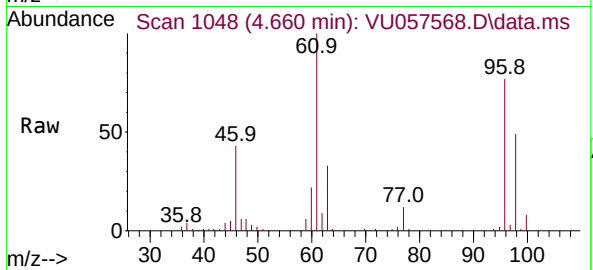




#22
 cis-1,2-Dichloroethene
 Concen: 12.554 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057568.D
 Acq: 23 Jan 2024 13:28

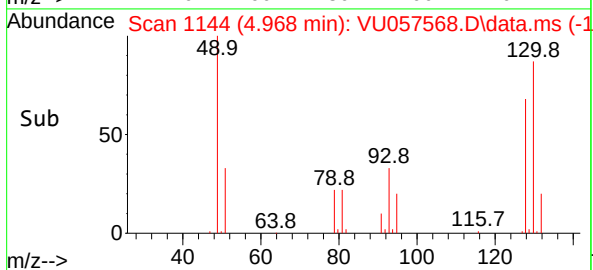
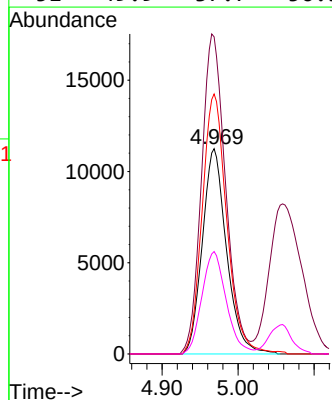
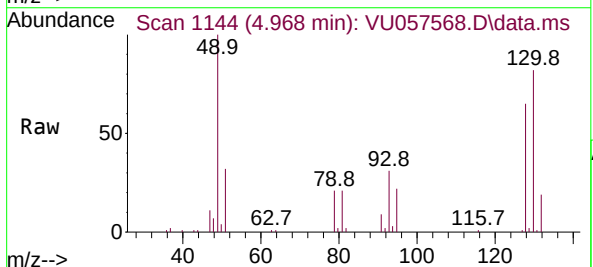
Instrument :
 MSVOA_U
 ClientSampleId :

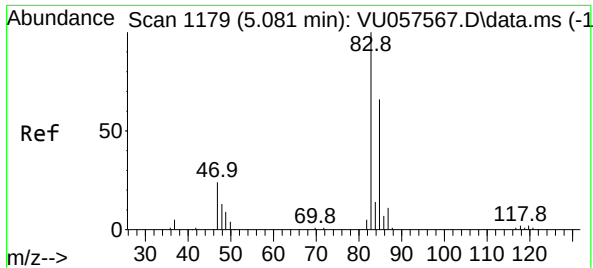
Tgt Ion: 96 Resp: 61297
 Ion Ratio Lower Upper
 96 100
 61 130.2 92.7 172.1
 98 64.0 44.9 83.5



#23
 Bromochloromethane
 Concen: 11.924 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU057568.D
 Acq: 23 Jan 2024 13:28

Tgt Ion: 128 Resp: 24867
 Ion Ratio Lower Upper
 128 100
 49 159.9 111.5 207.1
 130 126.6 87.2 162.0
 51 49.9 37.7 56.5





#25

Chloroform

Concen: 11.264 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057568.D

Acq: 23 Jan 2024 13:28

Instrument :

MSVOA_U

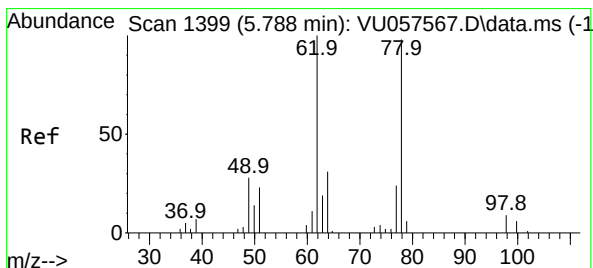
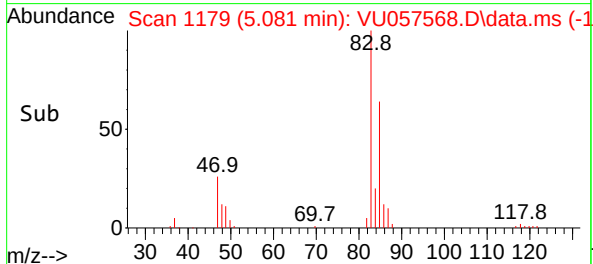
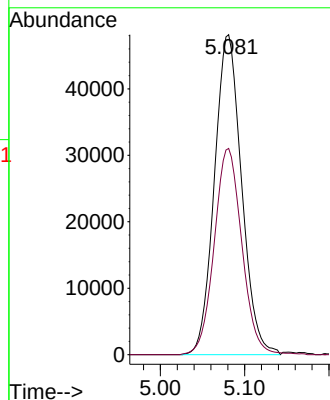
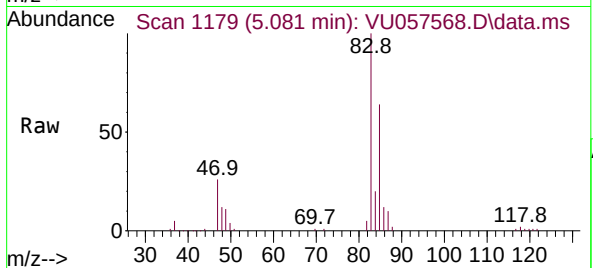
ClientSampleId :

Tgt Ion: 83 Resp: 107956

Ion Ratio Lower Upper

83 100

85 64.4 46.1 85.5



#27

1,2-Dichloroethane

Concen: 11.301 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU057568.D

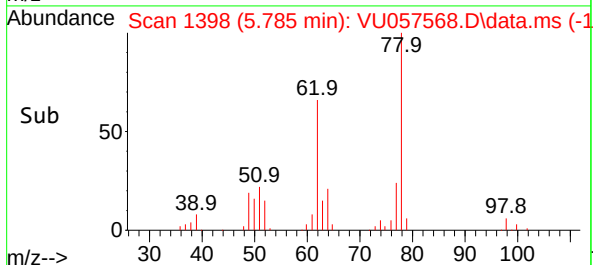
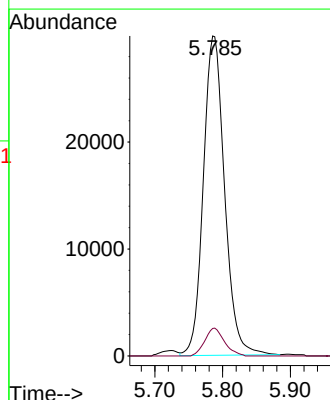
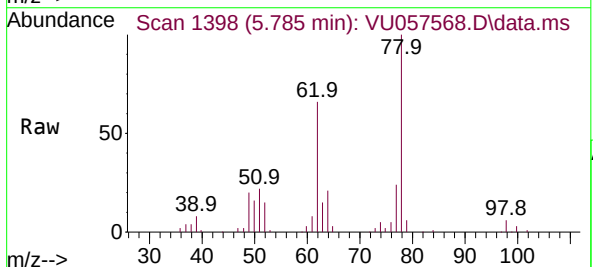
Acq: 23 Jan 2024 13:28

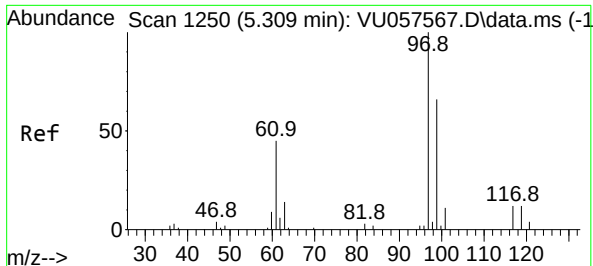
Tgt Ion: 62 Resp: 65074

Ion Ratio Lower Upper

62 100

98 8.6 6.9 10.3

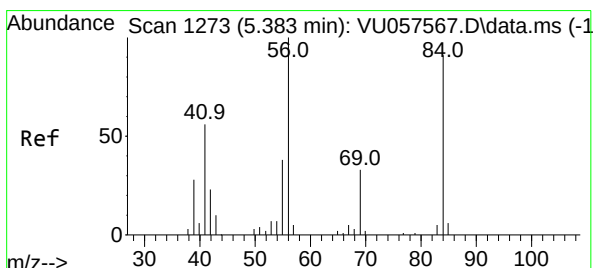
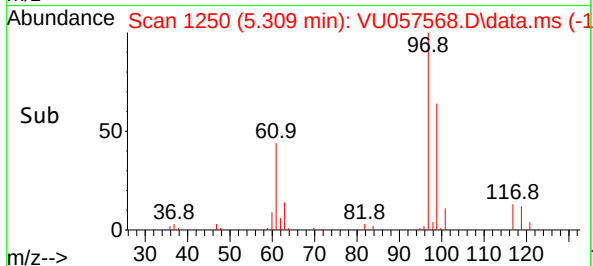
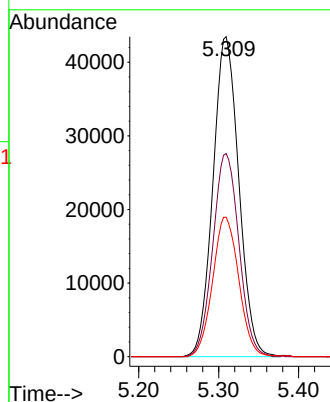
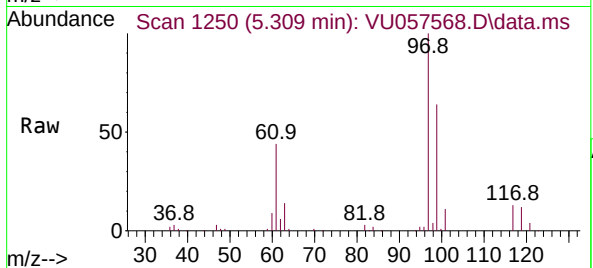




#29
1,1,1-Trichloroethane
Concen: 12.254 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

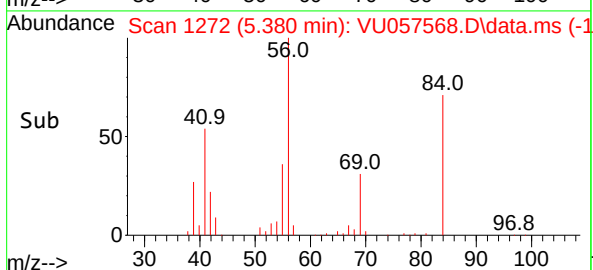
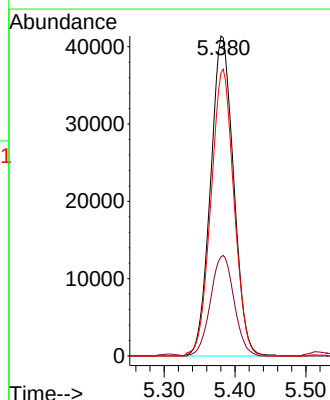
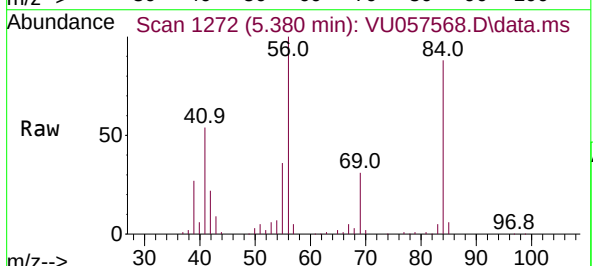
Instrument :
MSVOA_U
ClientSampleId :

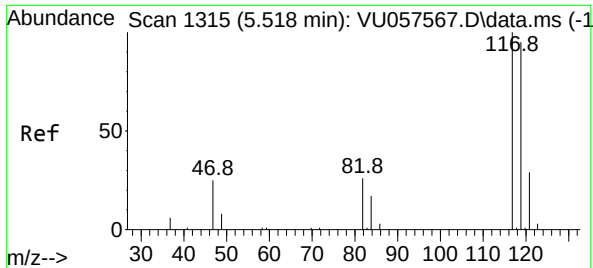
Tgt Ion: 97 Resp: 97816
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 44.1 35.3 52.9



#30
Cyclohexane
Concen: 13.797 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion: 56 Resp: 93337
Ion Ratio Lower Upper
56 100
69 32.1 25.8 38.8
84 89.6 72.0 108.0

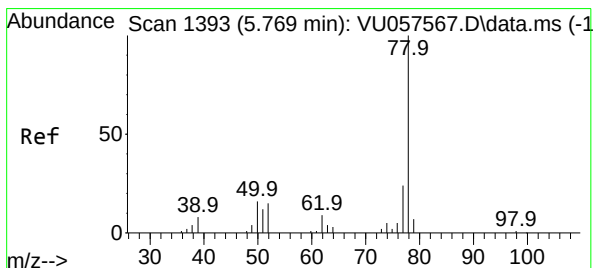
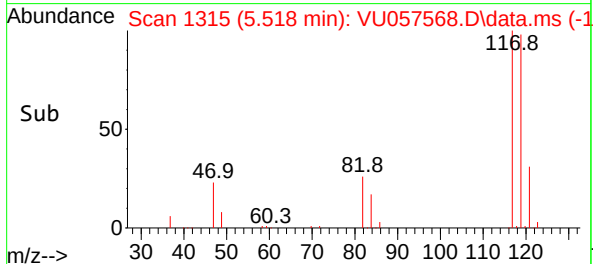
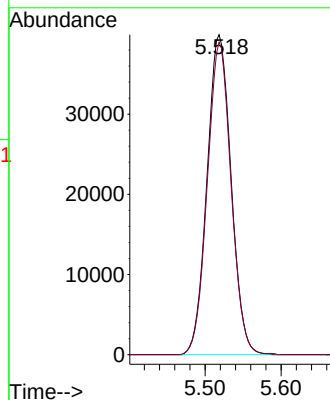
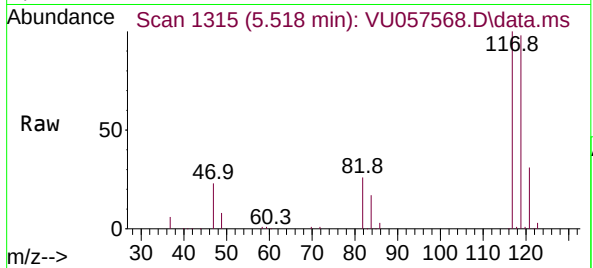




#31
Carbon tetrachloride
Concen: 13.023 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

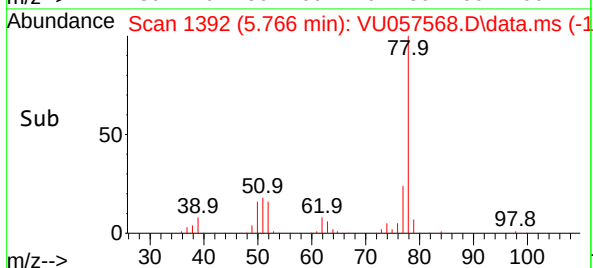
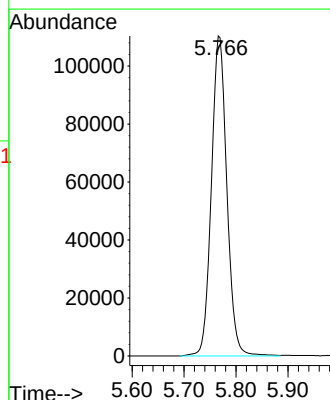
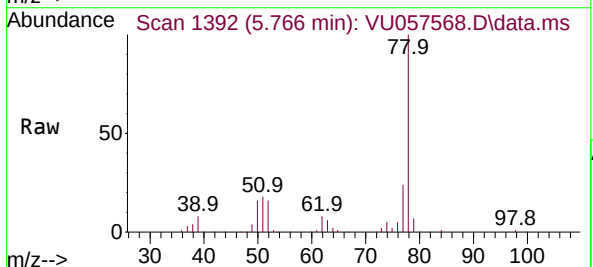
Instrument :
MSVOA_U
ClientSampleId :

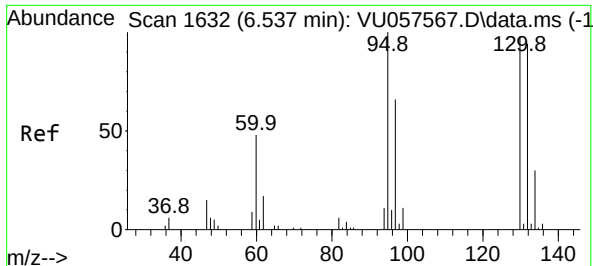
Tgt Ion:117 Resp: 87888
Ion Ratio Lower Upper
117 100
119 96.3 75.6 113.4



#33
Benzene
Concen: 12.035 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion: 78 Resp: 228166

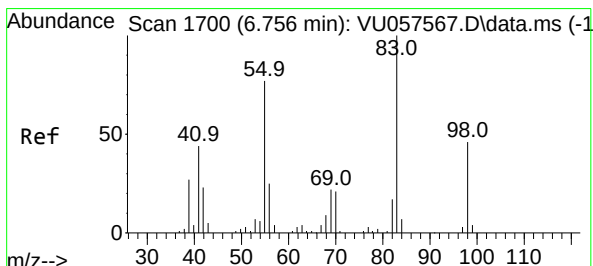
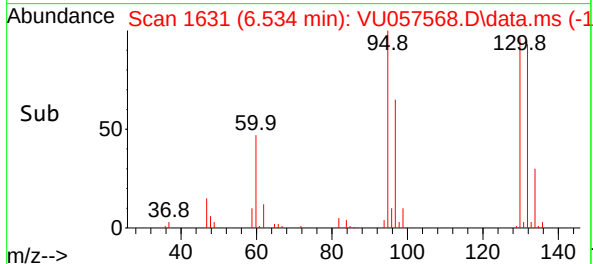
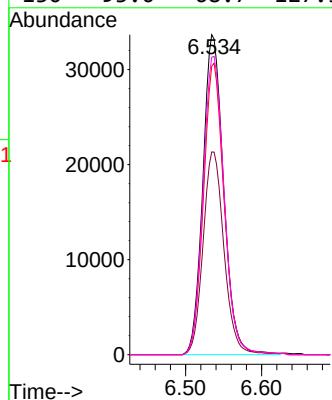
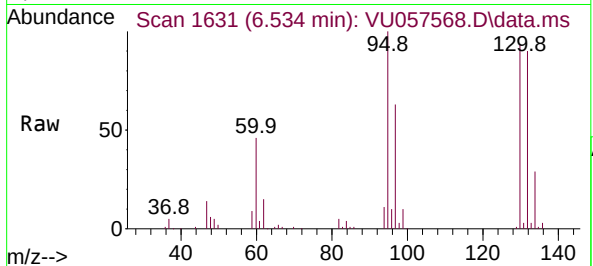




#34
Trichloroethene
Concen: 12.691 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

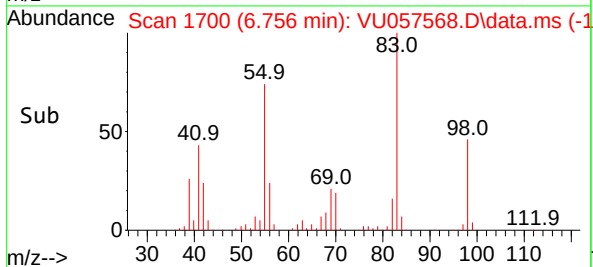
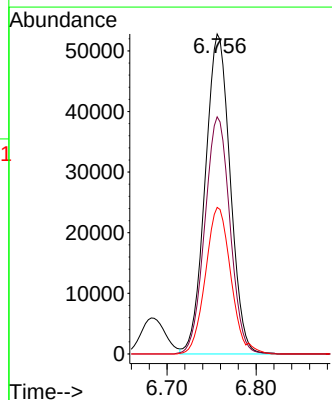
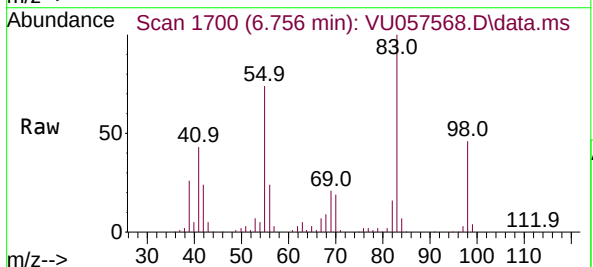
Instrument :
MSVOA_U
ClientSampleId :

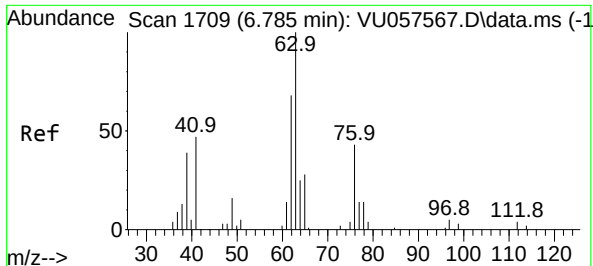
Tgt Ion: 95 Resp: 63777
Ion Ratio Lower Upper
95 100
97 63.4 46.1 85.5
132 90.1 66.1 122.8
130 93.0 68.7 127.5



#35
Methylcyclohexane
Concen: 14.599 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion: 83 Resp: 102837
Ion Ratio Lower Upper
83 100
55 74.6 61.4 92.0
98 46.5 38.2 57.4

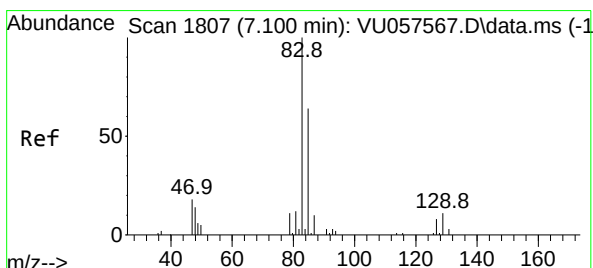
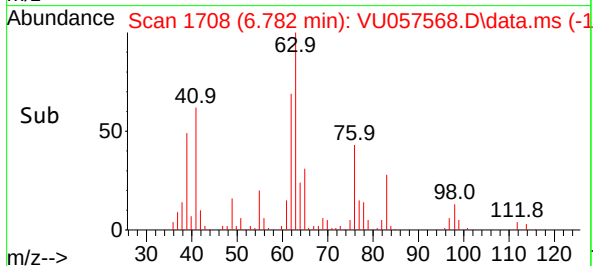
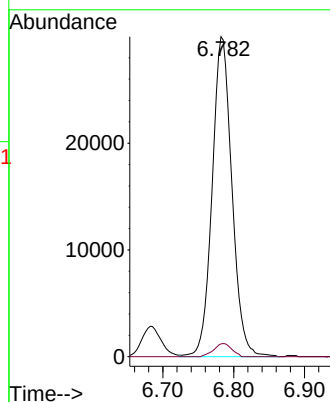
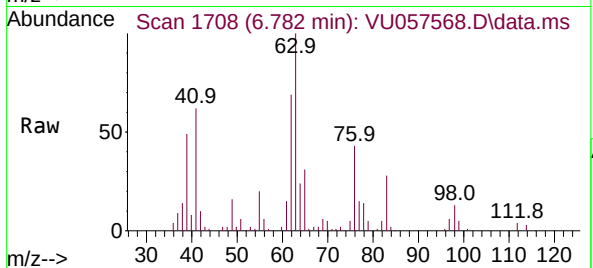




#37
1,2-Dichloropropane
Concen: 11.028 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

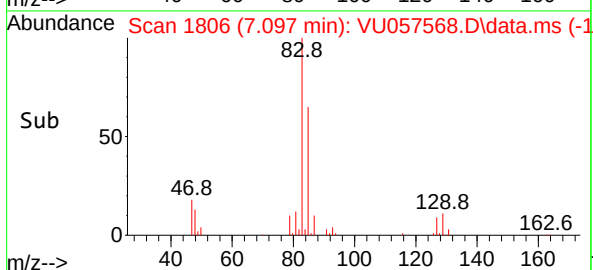
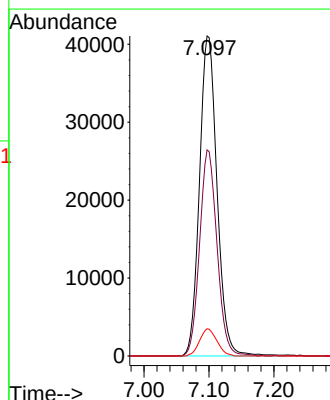
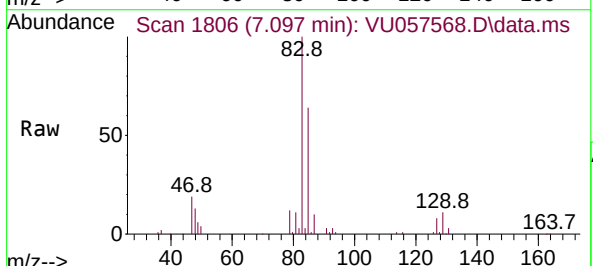
Instrument :
MSVOA_U
ClientSampleId :

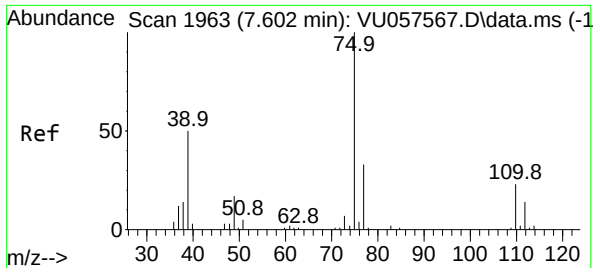
Tgt Ion: 63 Resp: 58204
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 11.957 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion: 83 Resp: 77441
Ion Ratio Lower Upper
83 100
85 64.4 44.7 83.1
127 8.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 12.649 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057568.D

Acq: 23 Jan 2024 13:28

Instrument :

MSVOA_U

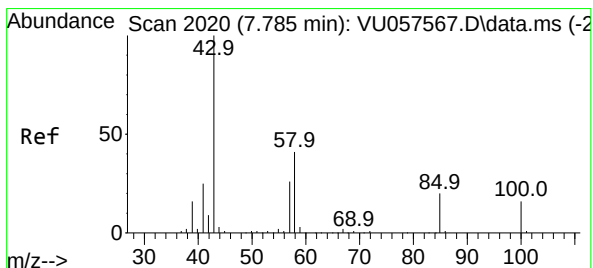
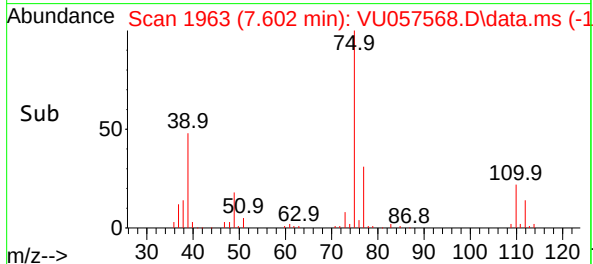
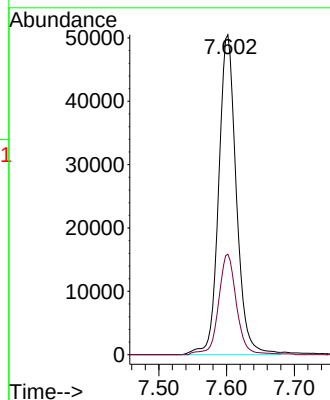
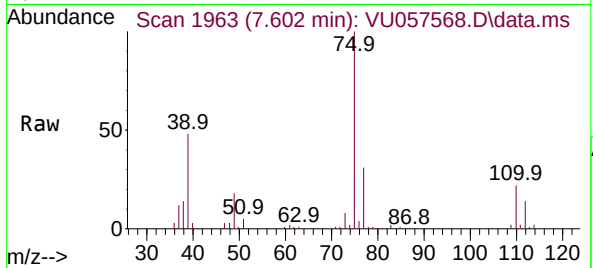
ClientSampleId :

Tgt Ion: 75 Resp: 91478

Ion Ratio Lower Upper

75 100

77 31.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 109.028 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU057568.D

Acq: 23 Jan 2024 13:28

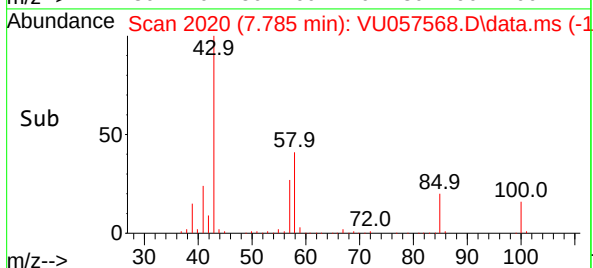
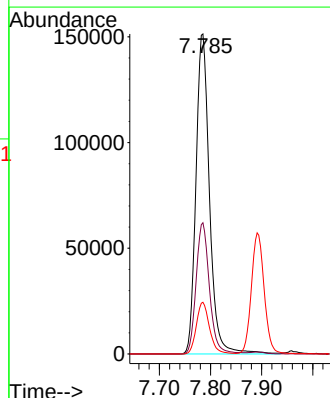
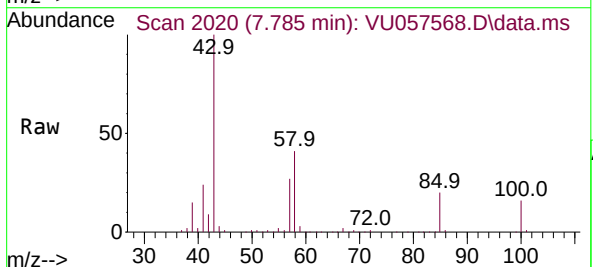
Tgt Ion: 43 Resp: 278754

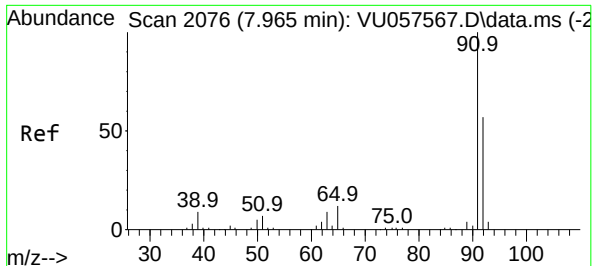
Ion Ratio Lower Upper

43 100

58 40.4 32.3 48.5

100 15.7 12.6 18.8





#42

Toluene

Concen: 13.241 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU057568.D

Acq: 23 Jan 2024 13:28

Instrument :

MSVOA_U

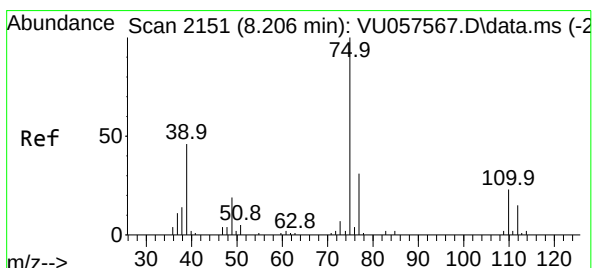
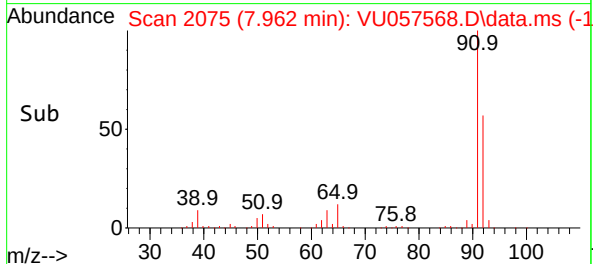
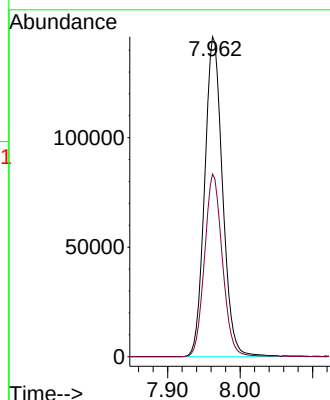
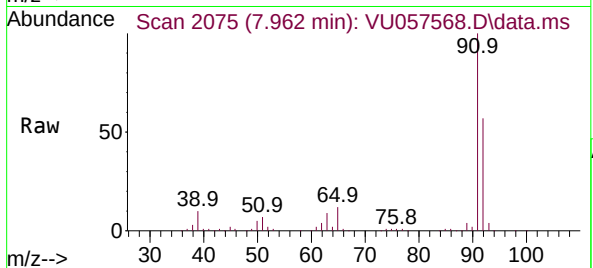
ClientSampleId :

Tgt Ion: 91 Resp: 251058

Ion Ratio Lower Upper

91 100

92 57.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 12.894 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU057568.D

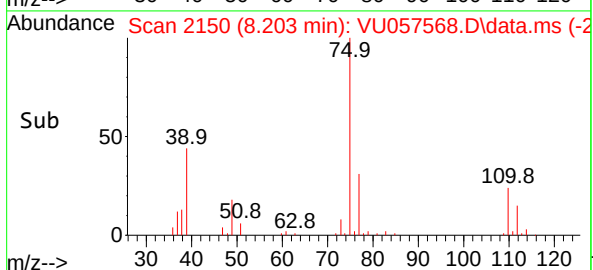
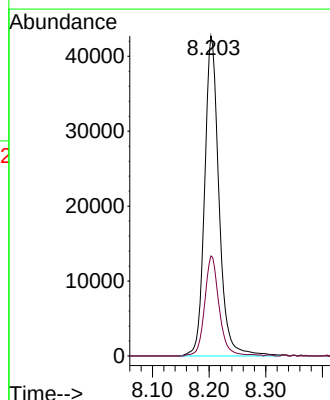
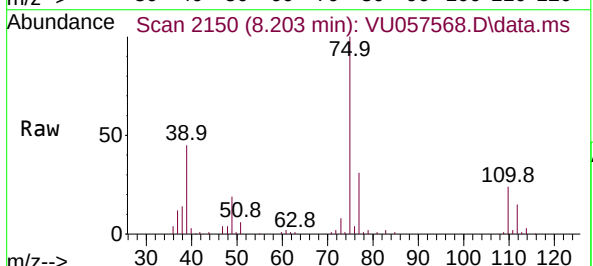
Acq: 23 Jan 2024 13:28

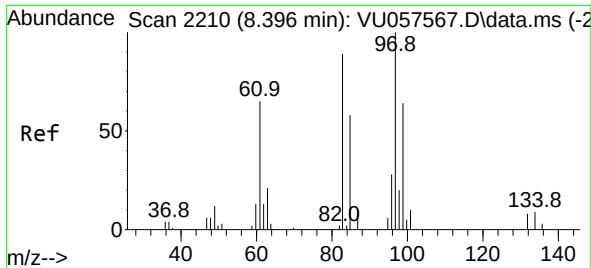
Tgt Ion: 75 Resp: 75520

Ion Ratio Lower Upper

75 100

77 31.3 21.3 39.6

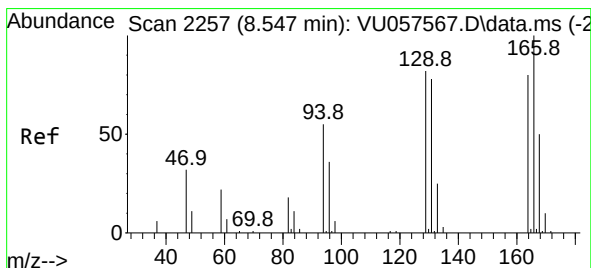
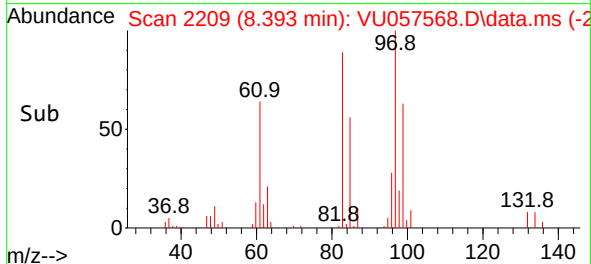
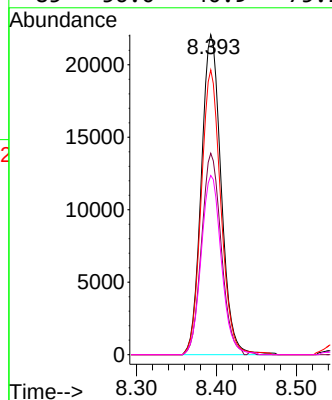
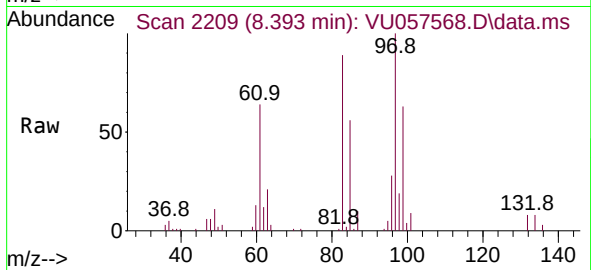




#45
1,1,2-Trichloroethane
Concen: 11.298 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

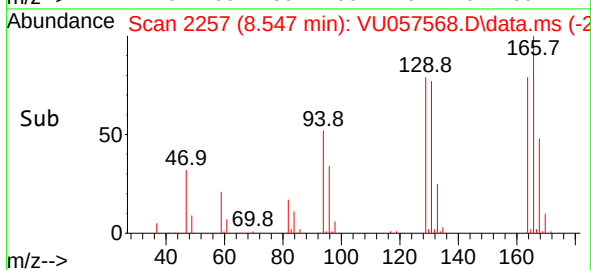
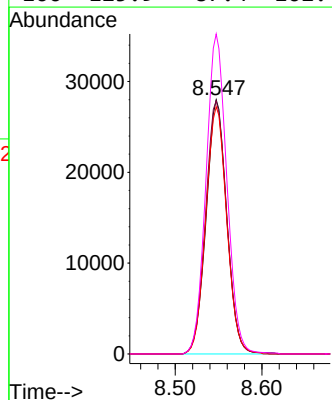
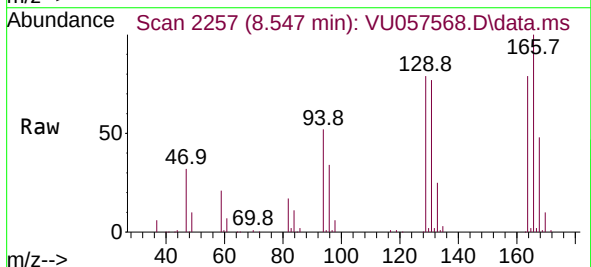
Instrument :
MSVOA_U
ClientSampleId :

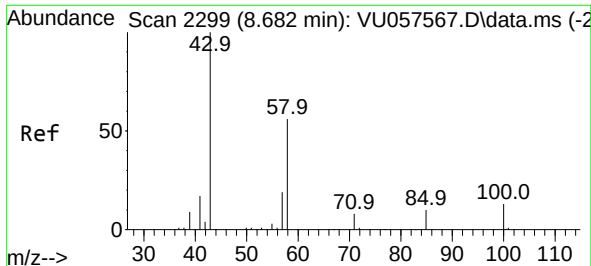
Tgt Ion:	97	Resp:	38204
Ion	Ratio	Lower	Upper
97	100		
99	63.0	45.1	83.7
83	89.0	62.3	115.7
85	56.0	40.9	75.9



#47
Tetrachloroethene
Concen: 13.448 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

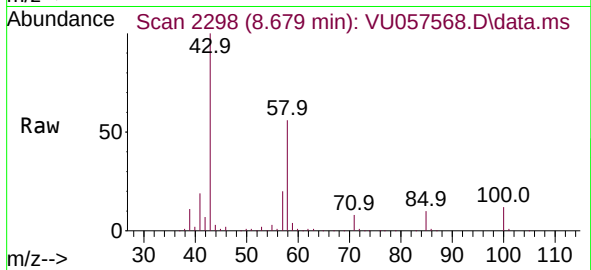
Tgt Ion:	164	Resp:	46336
Ion	Ratio	Lower	Upper
164	100		
129	99.6	71.3	132.5
131	97.3	68.1	126.5
166	125.9	87.4	162.4



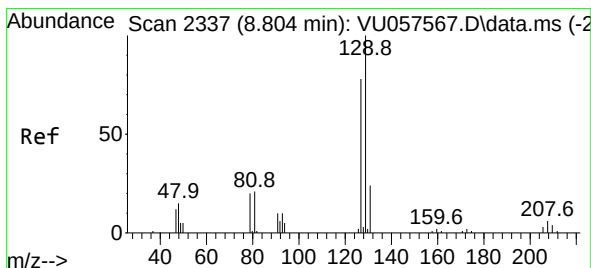
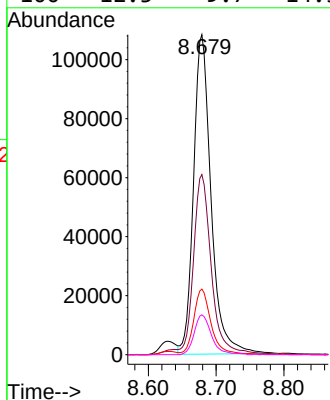
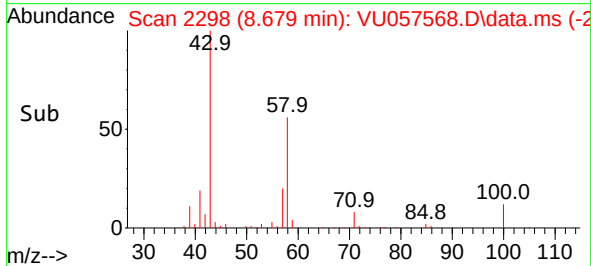


#48
2-Hexanone
Concen: 104.961 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Instrument :
MSVOA_U
ClientSampleId :

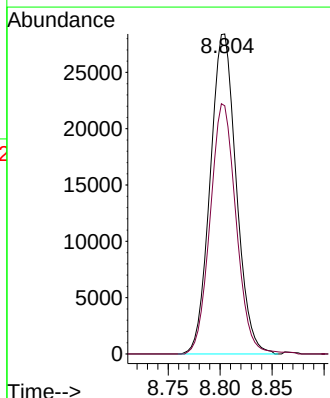
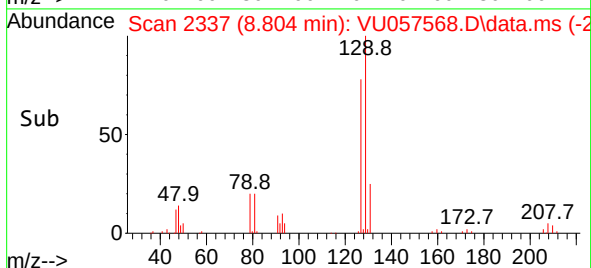
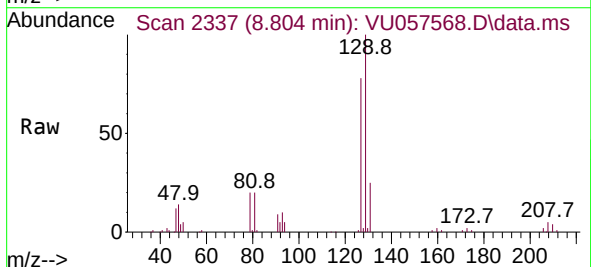


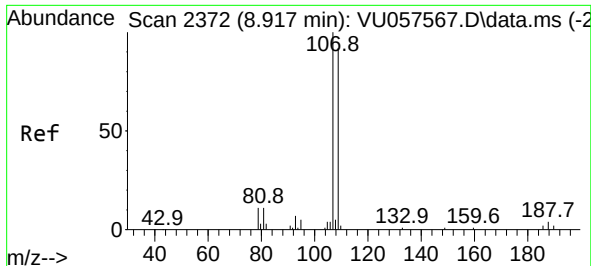
Tgt Ion: 43 Resp: 195035
Ion Ratio Lower Upper
43 100
58 58.8 44.3 66.5
57 20.5 15.5 23.3
100 12.3 9.7 14.5



#49
Dibromochloromethane
Concen: 12.921 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion:129 Resp: 49588
Ion Ratio Lower Upper
129 100
127 77.5 54.5 101.1





#50

1,2-Dibromoethane

Concen: 12.763 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

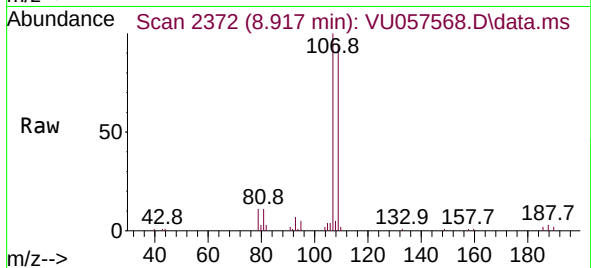
Lab File: VU057568.D

Acq: 23 Jan 2024 13:28

Instrument :

MSVOA_U

ClientSampleId :



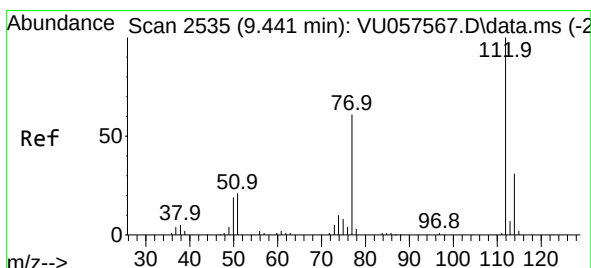
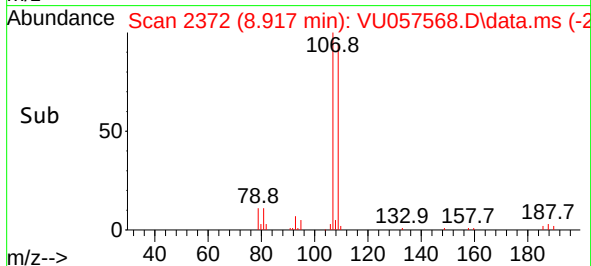
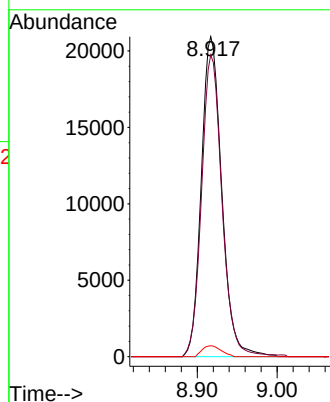
Tgt Ion:107 Resp: 37319

Ion Ratio Lower Upper

107 100

109 94.3 64.5 119.9

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 12.644 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU057568.D

Acq: 23 Jan 2024 13:28

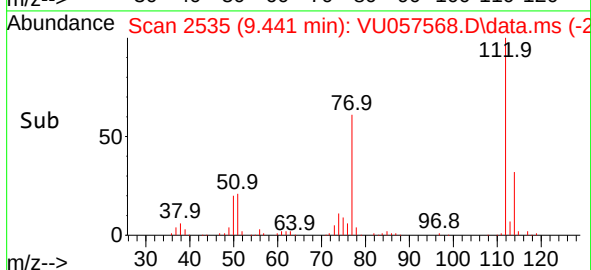
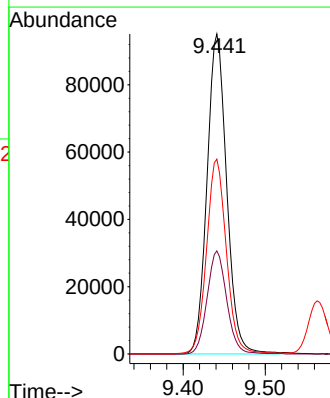
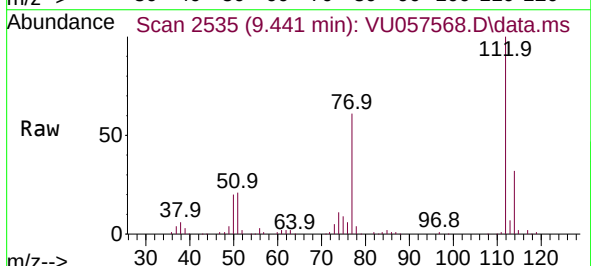
Tgt Ion:112 Resp: 158366

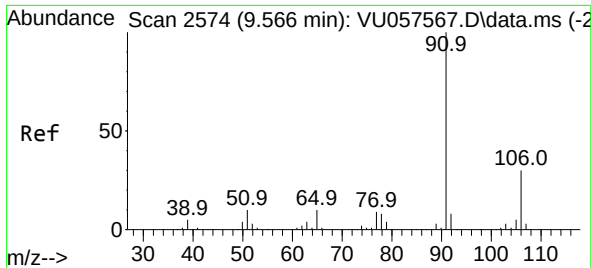
Ion Ratio Lower Upper

112 100

114 32.2 22.0 40.8

77 60.9 49.2 73.8

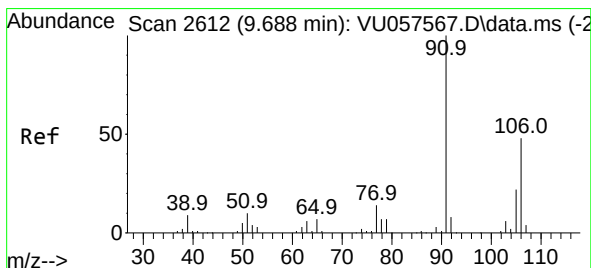
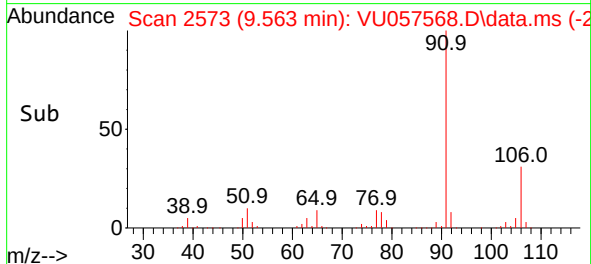
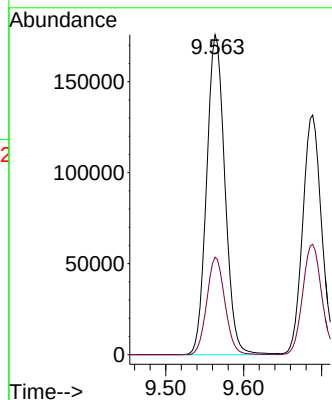
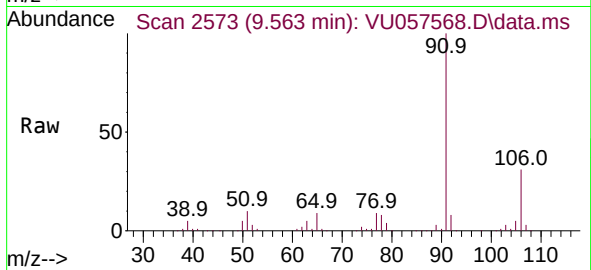




#52
Ethylbenzene
Concen: 13.724 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

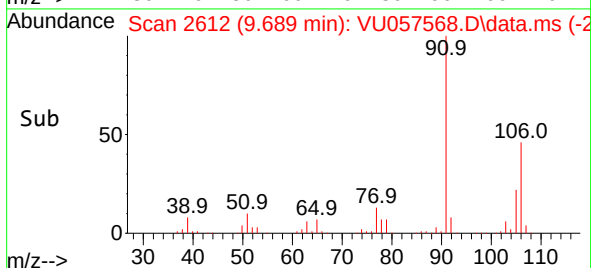
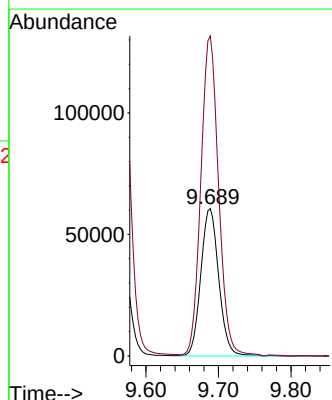
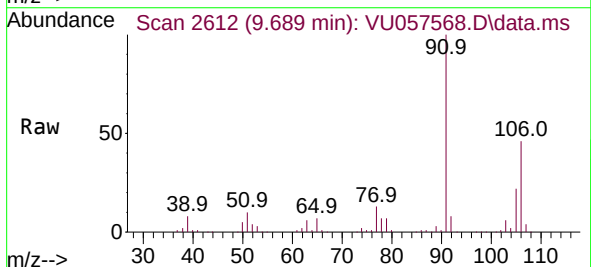
Instrument :
MSVOA_U
ClientSampleId :

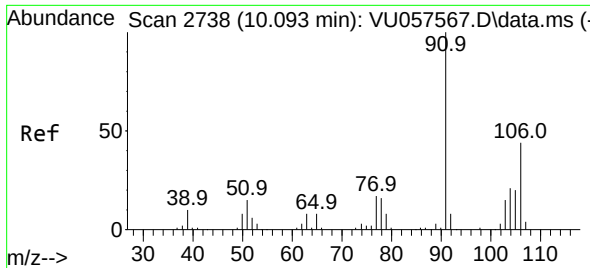
Tgt Ion: 91 Resp: 286577
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 13.928 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion:106 Resp: 104317
Ion Ratio Lower Upper
106 100
91 217.0 146.9 272.9

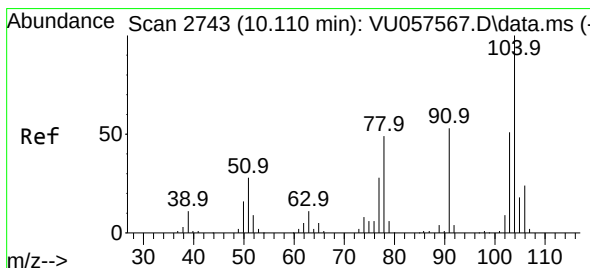
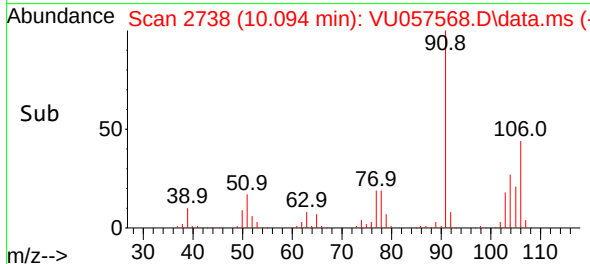
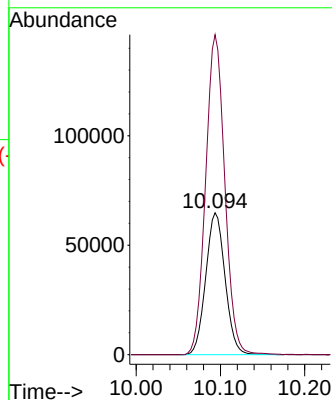
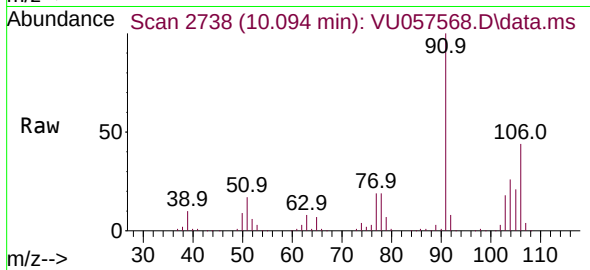




#54
o-Xylene
Concen: 14.236 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

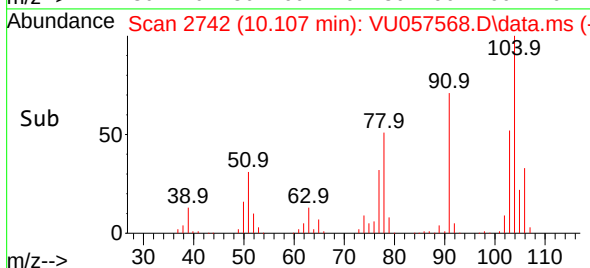
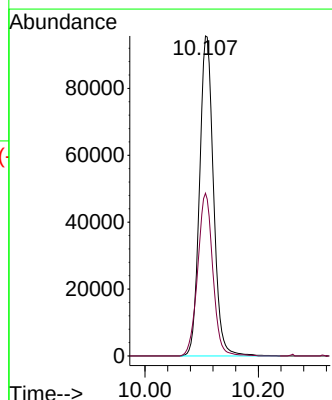
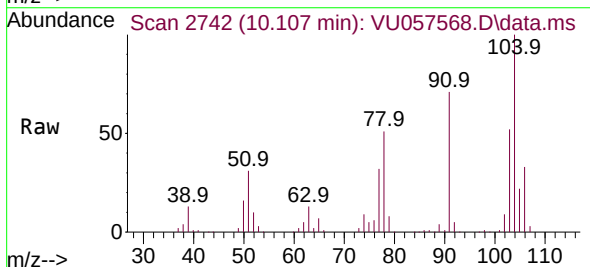
Instrument :
MSVOA_U
ClientSampleId :

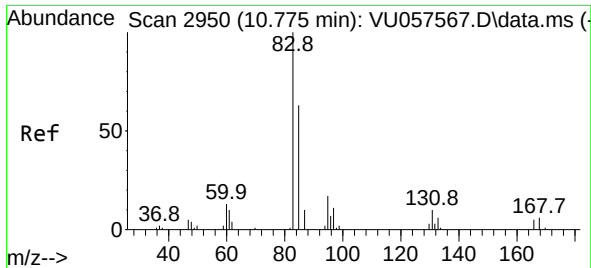
Tgt Ion:106 Resp: 103731
Ion Ratio Lower Upper
106 100
91 225.4 158.1 293.5



#55
Styrene
Concen: 13.962 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion:104 Resp: 163589
Ion Ratio Lower Upper
104 100
78 50.9 34.3 63.7

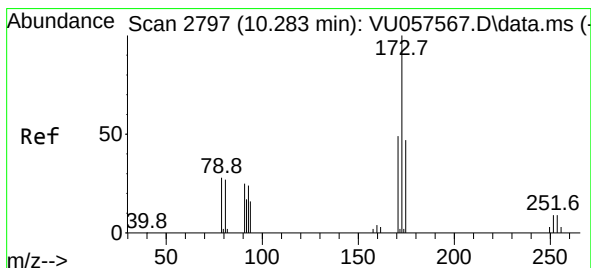
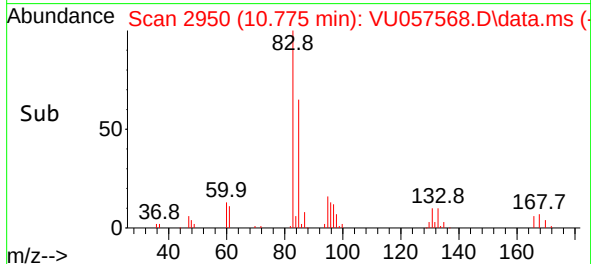
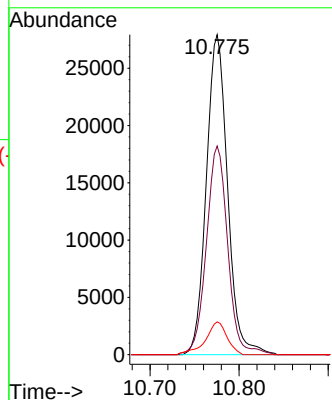
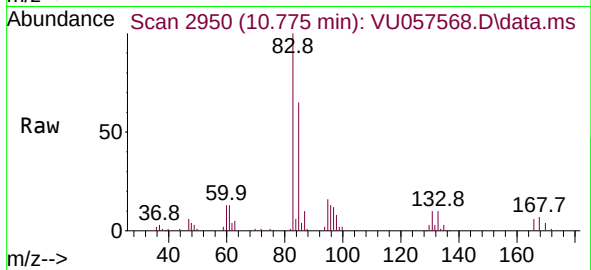




#57
1,1,2,2-Tetrachloroethane
Concen: 10.847 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

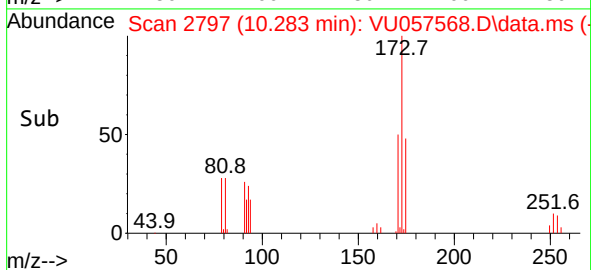
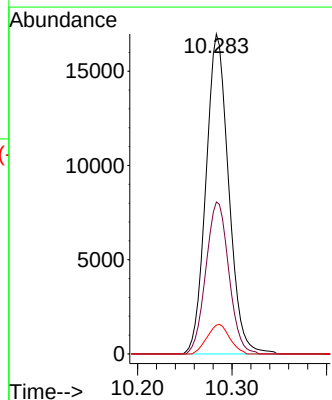
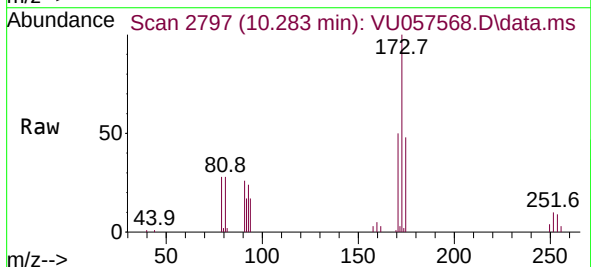
Instrument :
MSVOA_U
ClientSampleId :

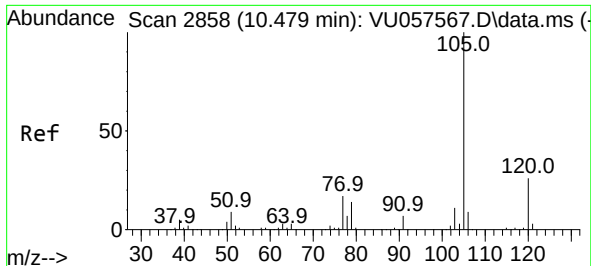
Tgt Ion: 83 Resp: 46226
Ion Ratio Lower Upper
83 100
85 65.2 44.4 82.5
131 10.3 8.3 12.5



#59
Bromoform
Concen: 12.492 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion:173 Resp: 28282
Ion Ratio Lower Upper
173 100
175 48.0 37.5 56.3
254 9.2 7.2 10.8

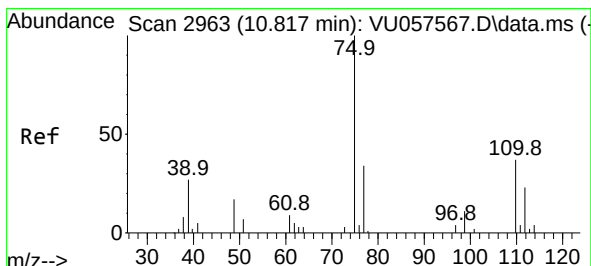
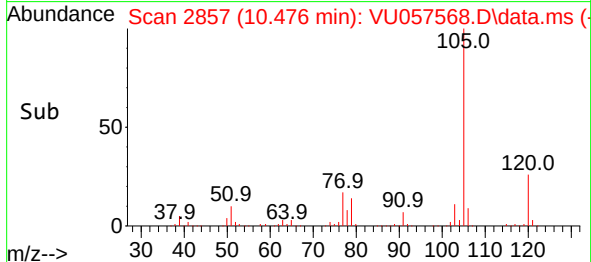
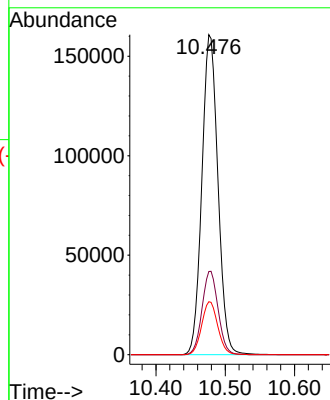
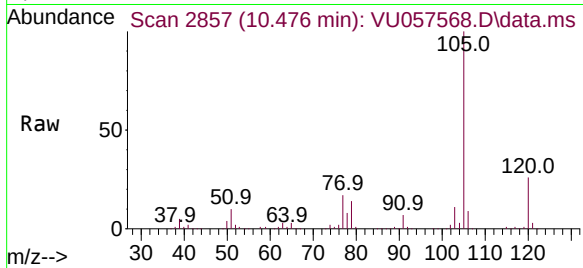




#60
Isopropylbenzene
Concen: 12.833 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

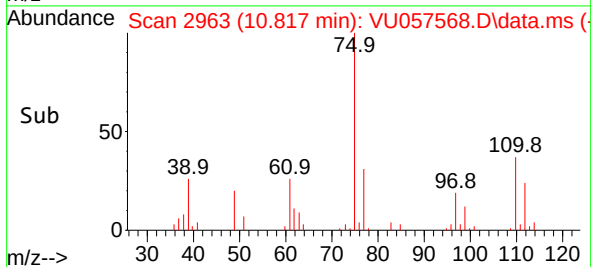
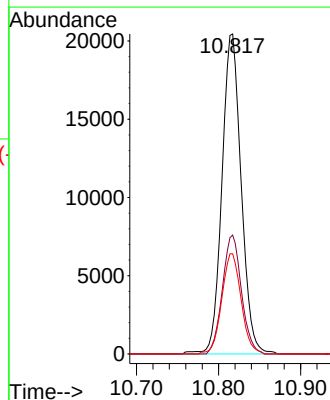
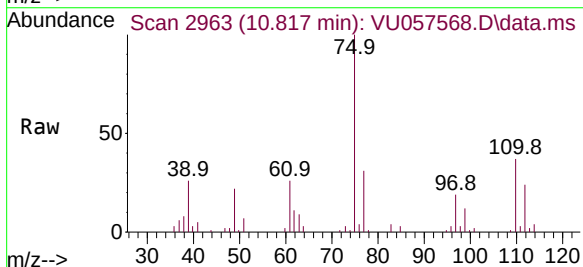
Instrument :
MSVOA_U
ClientSampleId :

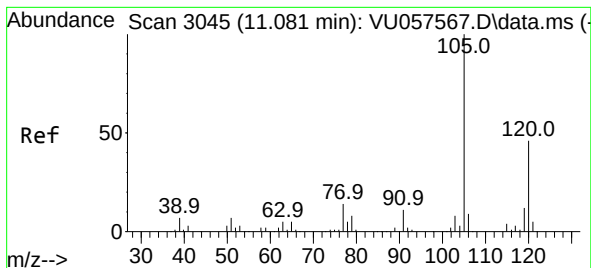
Tgt Ion:105 Resp: 258560
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 10.757 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion: 75 Resp: 33308
Ion Ratio Lower Upper
75 100
110 36.7 30.1 45.1
77 31.5 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 14.524 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU057568.D

Acq: 23 Jan 2024 13:28

Instrument :

MSVOA_U

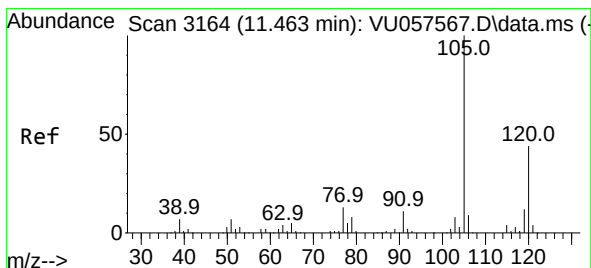
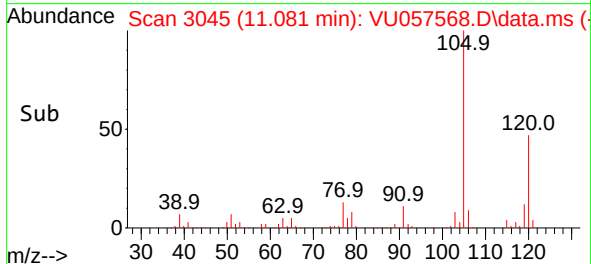
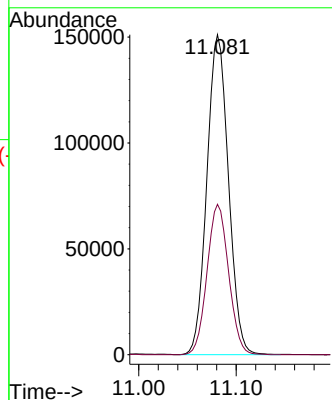
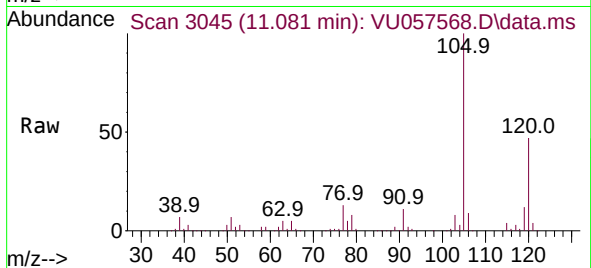
ClientSampleId :

Tgt Ion:105 Resp: 232486

Ion Ratio Lower Upper

105 100

120 47.0 36.9 55.3



#63

1,2,4-Trimethylbenzene

Concen: 14.801 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU057568.D

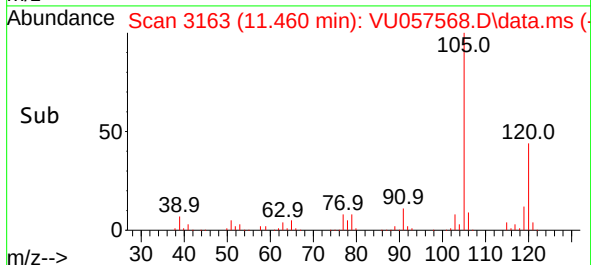
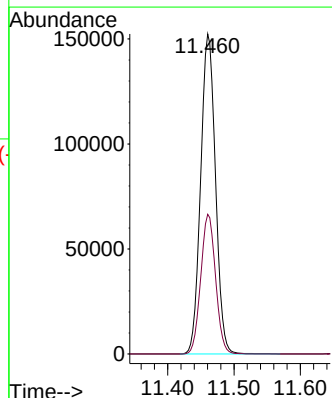
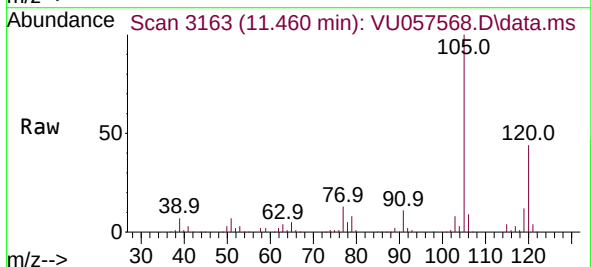
Acq: 23 Jan 2024 13:28

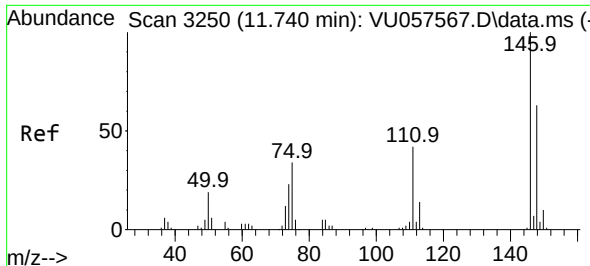
Tgt Ion:105 Resp: 236772

Ion Ratio Lower Upper

105 100

120 43.5 35.0 52.4

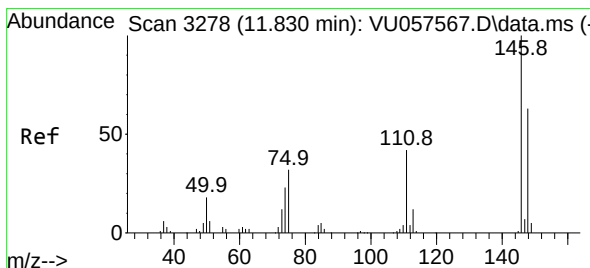
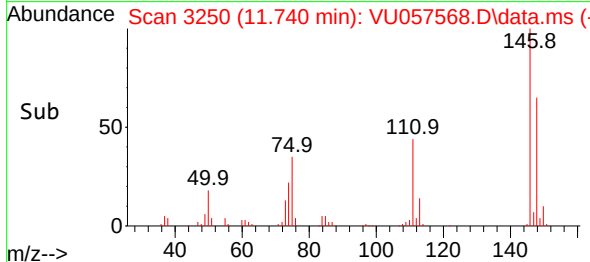
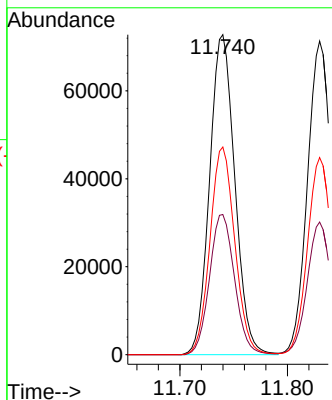
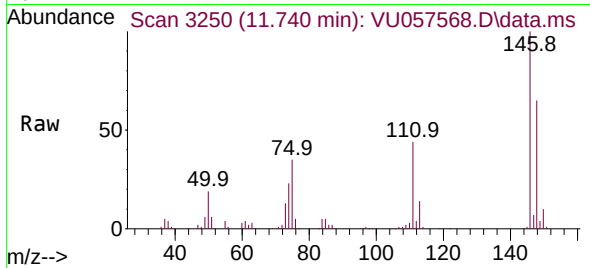




#64
1,3-Dichlorobenzene
Concen: 12.565 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

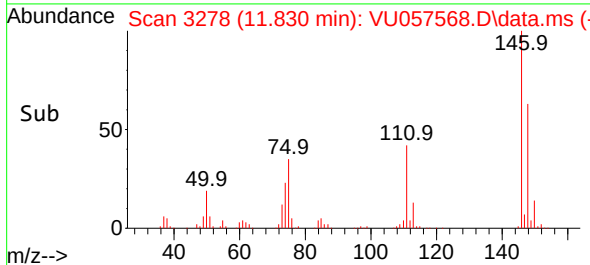
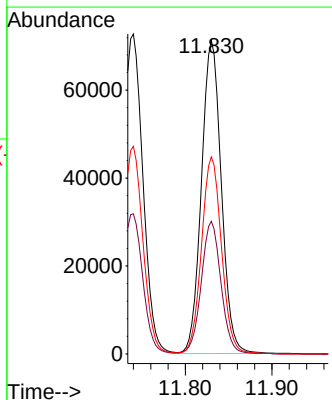
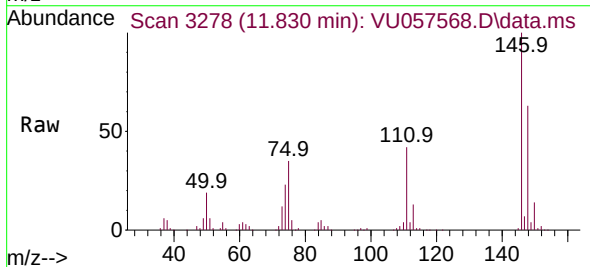
Instrument :
MSVOA_U
ClientSampleId :

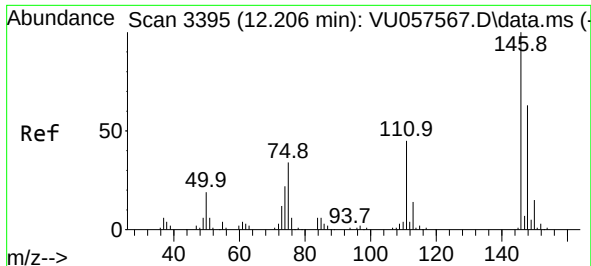
Tgt Ion:146 Resp: 118451
Ion Ratio Lower Upper
146 100
111 43.8 29.6 55.0
148 64.9 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 12.177 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion:146 Resp: 113602
Ion Ratio Lower Upper
146 100
111 42.3 29.5 54.7
148 62.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 12.208 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU057568.D

Acq: 23 Jan 2024 13:28

Instrument :

MSVOA_U

ClientSampleId :

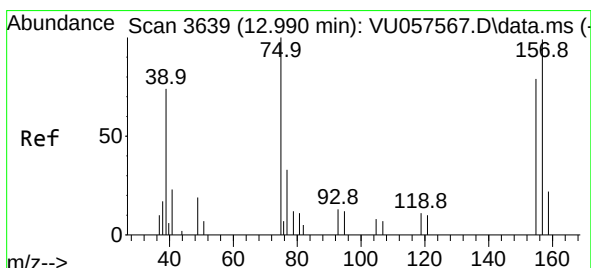
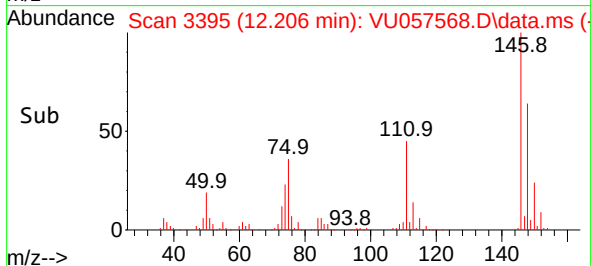
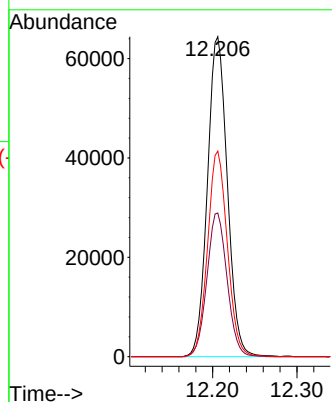
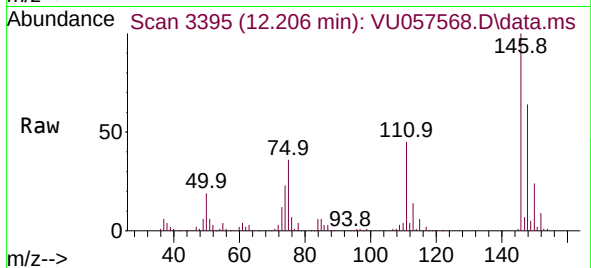
Tgt Ion:146 Resp: 105953

Ion Ratio Lower Upper

146 100

111 44.9 35.7 53.5

148 64.2 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 12.273 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057568.D

Acq: 23 Jan 2024 13:28

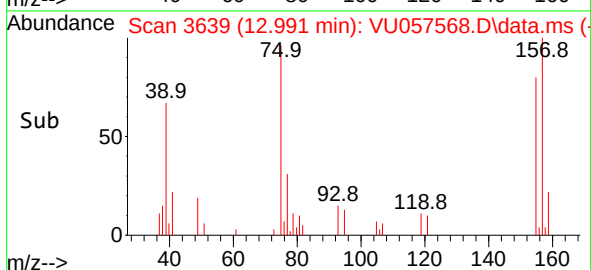
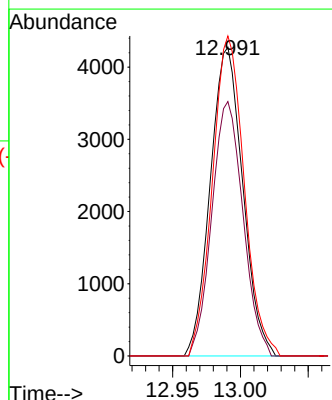
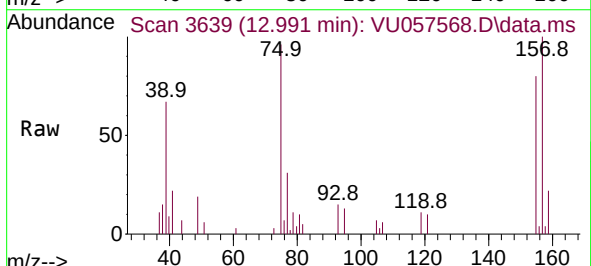
Tgt Ion: 75 Resp: 7118

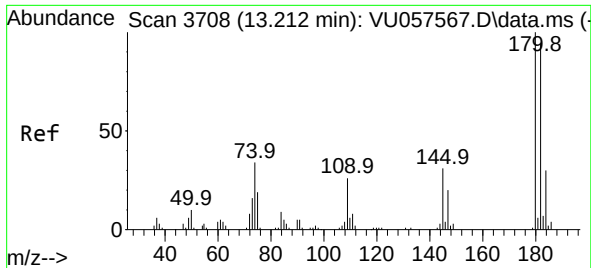
Ion Ratio Lower Upper

75 100

155 82.5 62.8 94.2

157 103.7 78.9 118.3





#69

1,3,5-Trichlorobenzene

Concen: 13.952 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057568.D

Acq: 23 Jan 2024 13:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 90949

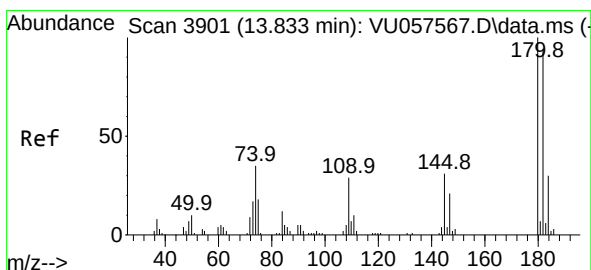
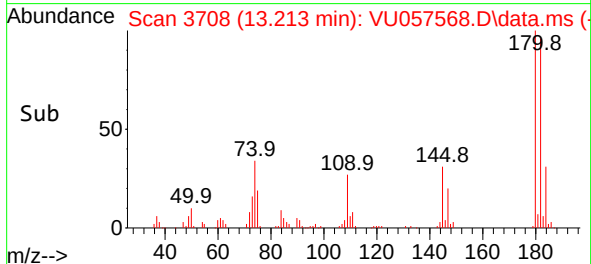
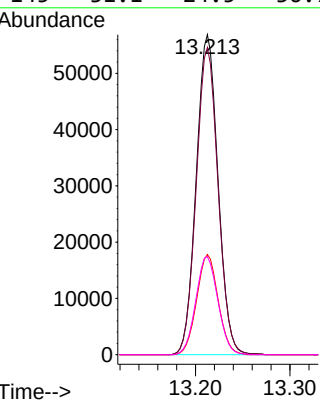
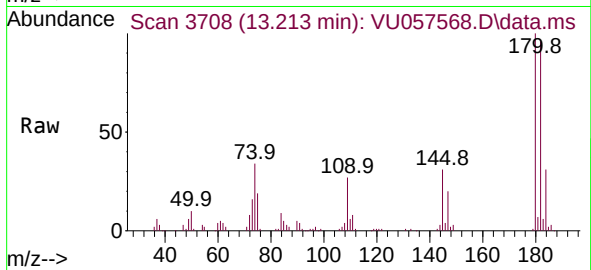
Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.2

184 31.0 24.1 36.1

145 31.1 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 15.684 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU057568.D

Acq: 23 Jan 2024 13:28

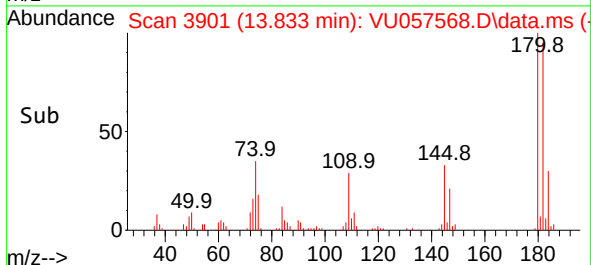
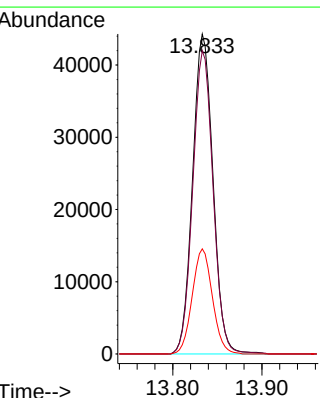
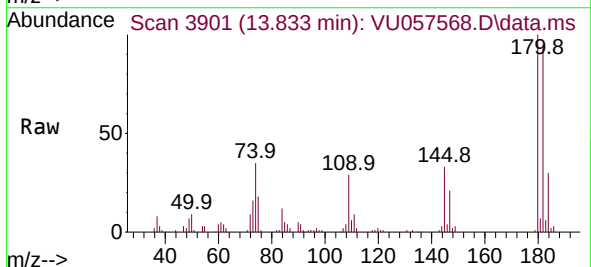
Tgt Ion:180 Resp: 70328

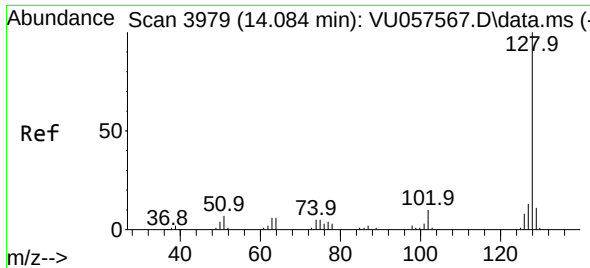
Ion Ratio Lower Upper

180 100

182 94.5 74.9 112.3

145 32.5 25.4 38.2

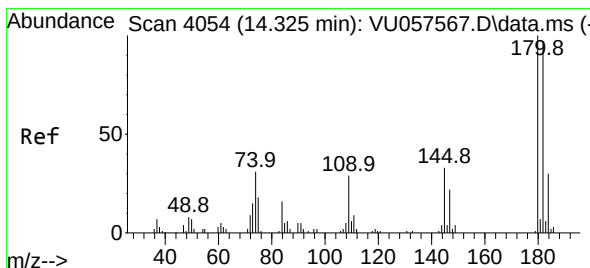
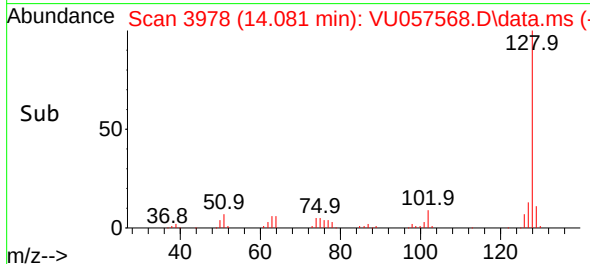
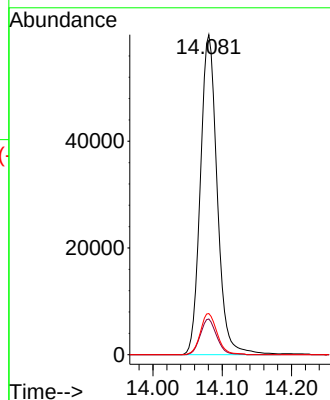
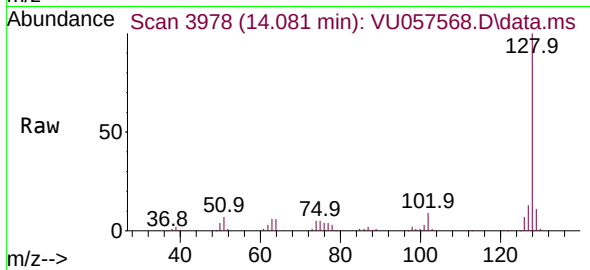




#71
Naphthalene
Concen: 15.829 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 101427
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 14.843 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU057568.D
Acq: 23 Jan 2024 13:28

Tgt Ion:180 Resp: 54605
Ion Ratio Lower Upper
180 100
182 94.5 78.1 117.1
145 33.8 26.7 40.1

