

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057553.D
 Acq On : 17 Jan 2024 20:41
 Operator : MD/SY
 Sample : P1120-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWJ4

Quant Time: Jan 18 01:13:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 01:10:22 2024
 Response via : Initial Calibration

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

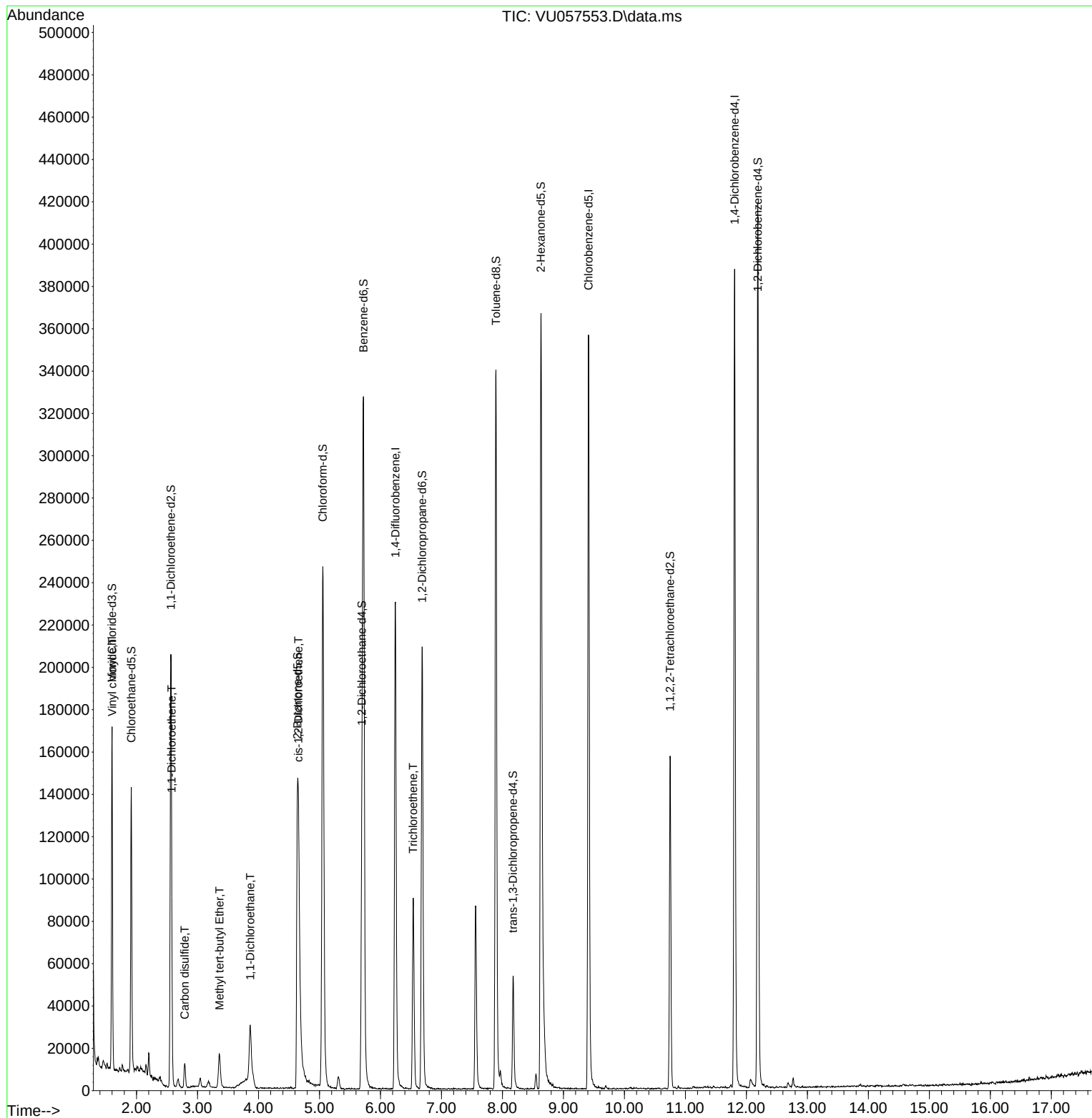
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	178002	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	194274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99724	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	111384	6.167	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 123.400%		
7) Chloroethane-d5	1.914	69	102106	7.266	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 145.400%#		
11) 1,1-Dichloroethene-d2	2.563	65	37755	4.944	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.800%		
20) 2-Butanone-d5	4.640	46	268065	78.472	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 156.940%#		
24) Chloroform-d	5.055	84	231266	7.412	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 148.200%#		
26) 1,2-Dichloroethane-d4	5.695	65	82975	5.521	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.400%		
32) Benzene-d6	5.721	84	297427	4.198	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 84.000%		
36) 1,2-Dichloropropane-d6	6.682	67	97338	4.406	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 88.200%		
41) Toluene-d8	7.894	98	226555	3.788	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 75.800%		
43) trans-1,3-Dichloroprop...	8.174	79	30379	3.955	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 79.200%		
46) 2-Hexanone-d5	8.631	63	116562	41.915	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 83.840%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	77867	5.218	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	102985	5.142	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 102.800%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.602	62	5074	0.378	ug/L #	33
12) 1,1-Dichloroethene	2.576	96	6817	0.655	ug/L #	1
14) Carbon disulfide	2.792	76	15650	0.539	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	15684	0.608	ug/L #	94
19) 1,1-Dichloroethane	3.865	63	30292	1.301	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	10233	0.852	ug/L	97
34) Trichloroethene	6.537	95	32101	2.141	ug/L	93

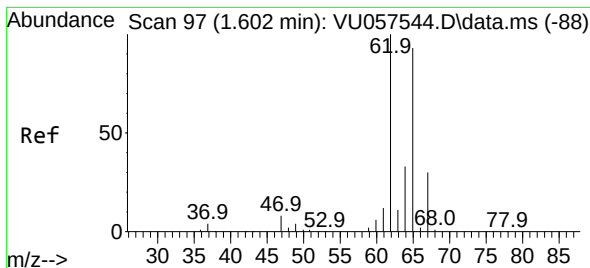
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
Data File : VU057553.D
Acq On : 17 Jan 2024 20:41
Operator : MD/SY
Sample : P1120-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGWJ4

Quant Time: Jan 18 01:13:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 18 01:10:22 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.378 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU057553.D

Acq: 17 Jan 2024 20:41

Instrument :

MSVOA_U

ClientSampleId :

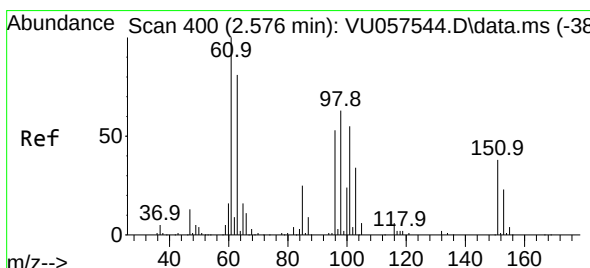
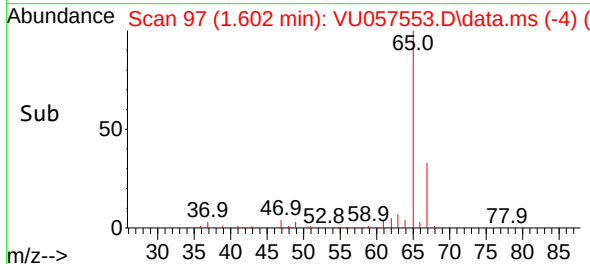
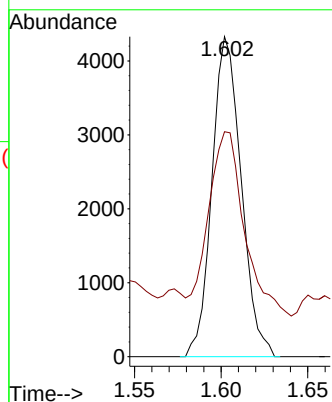
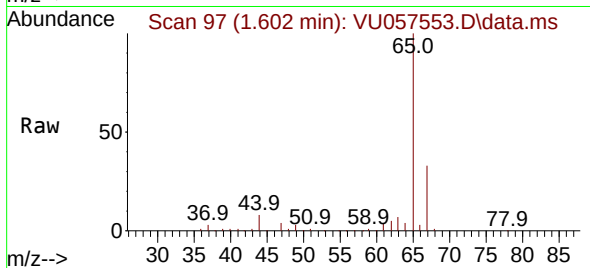
BGWJ4

Tgt Ion: 62 Resp: 5074

Ion Ratio Lower Upper

62 100

64 70.3 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 0.655 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU057553.D

Acq: 17 Jan 2024 20:41

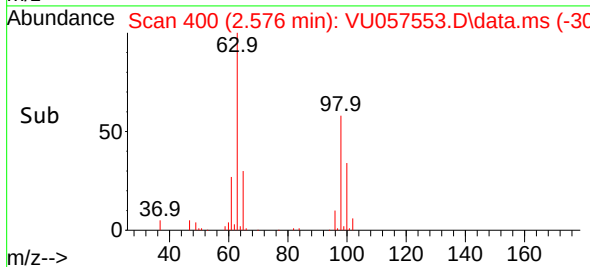
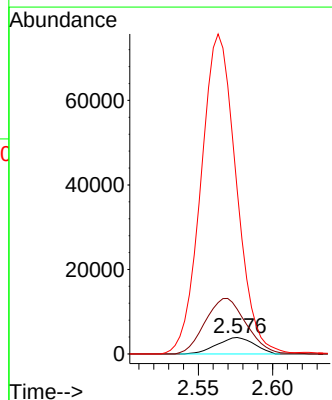
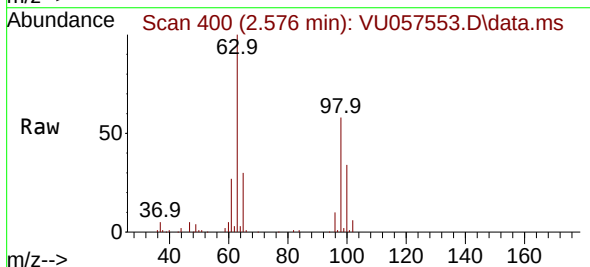
Tgt Ion: 96 Resp: 6817

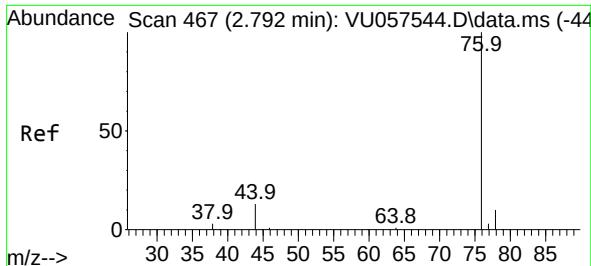
Ion Ratio Lower Upper

96 100

61 272.7 130.9 243.1#

63 998.9 114.8 213.2#

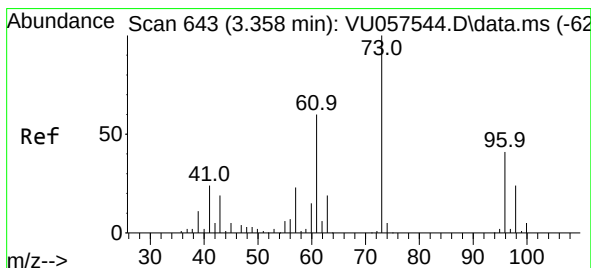
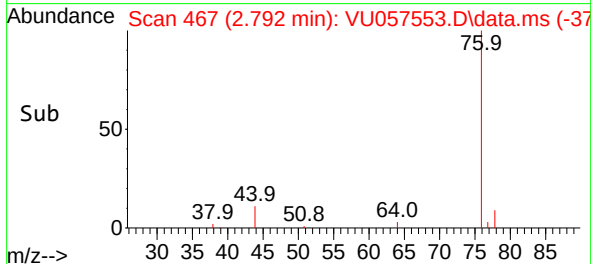
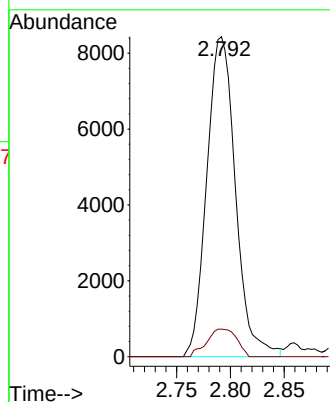
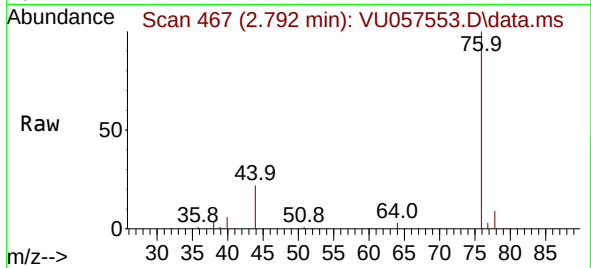




#14
Carbon disulfide
Concen: 0.539 ug/L
RT: 2.792 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU057553.D
Acq: 17 Jan 2024 20:41

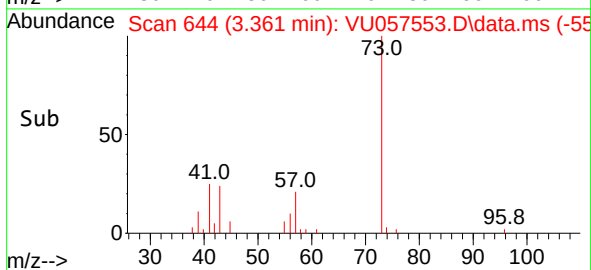
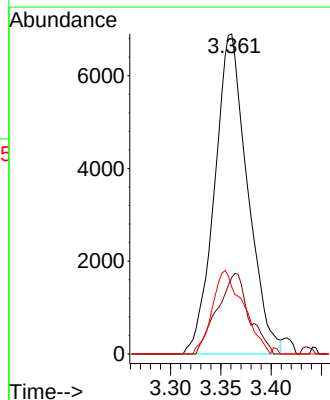
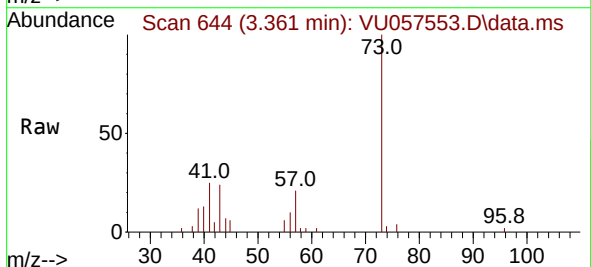
Instrument :
MSVOA_U
ClientSampleId :
BGWJ4

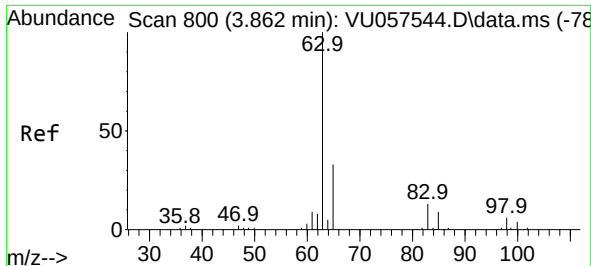
Tgt Ion: 76 Resp: 15650
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#17
Methyl tert-butyl Ether
Concen: 0.608 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU057553.D
Acq: 17 Jan 2024 20:41

Tgt Ion: 73 Resp: 15684
Ion Ratio Lower Upper
73 100
43 24.4 16.1 24.1#
57 24.7 18.2 27.4

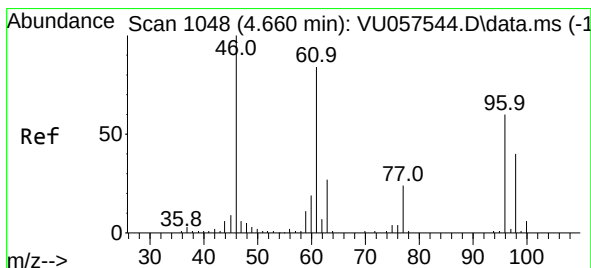
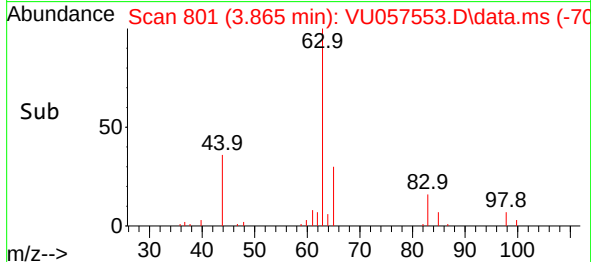
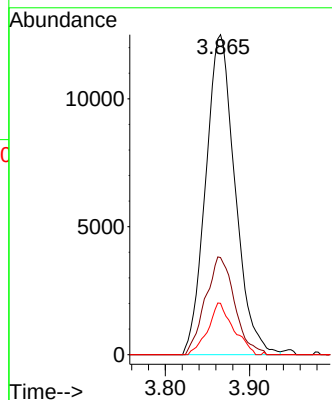
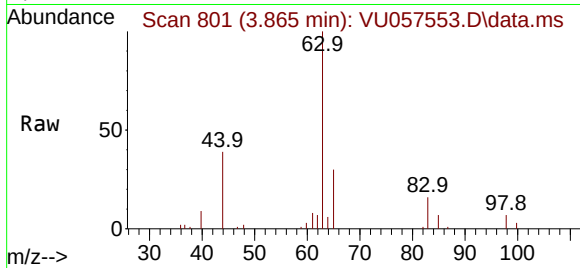




#19
1,1-Dichloroethane
Concen: 1.301 ug/L
RT: 3.865 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU057553.D
Acq: 17 Jan 2024 20:41

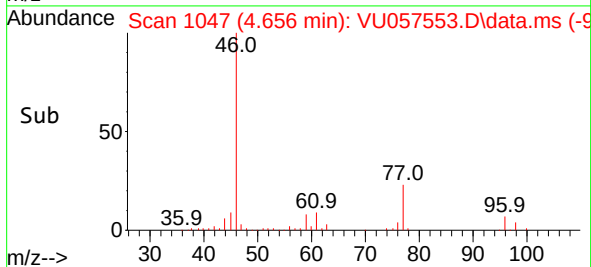
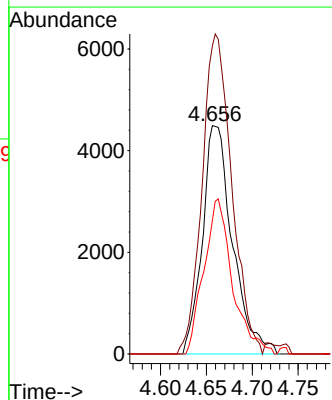
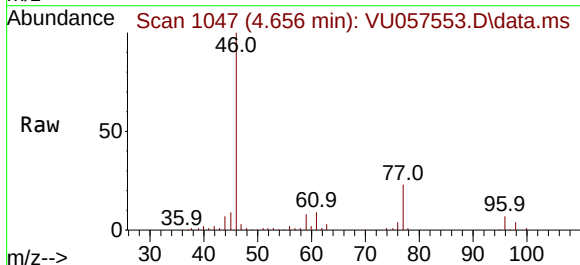
Instrument :
MSVOA_U
ClientSampleId :
BGWJ4

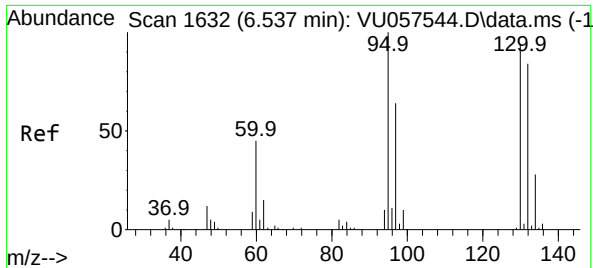
Tgt Ion: 63 Resp: 30292
Ion Ratio Lower Upper
63 100
65 30.3 22.3 41.3
83 16.0 9.1 16.9



#22
cis-1,2-Dichloroethene
Concen: 0.852 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU057553.D
Acq: 17 Jan 2024 20:41

Tgt Ion: 96 Resp: 10233
Ion Ratio Lower Upper
96 100
61 134.9 93.4 173.4
98 58.4 44.9 83.3





#34
 Trichloroethene
 Concen: 2.141 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU057553.D
 Acq: 17 Jan 2024 20:41

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWJ4

Tgt Ion: 95 Resp: 32101

Ion	Ratio	Lower	Upper
95	100		
97	58.0	45.0	83.6
132	81.0	61.7	114.5
130	85.1	63.1	117.3

