

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057318.D
 Acq On : 28 Dec 2023 07:59
 Operator : MD/SY
 Sample : 06021-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Y4

Quant Time: Dec 28 20:46:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

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

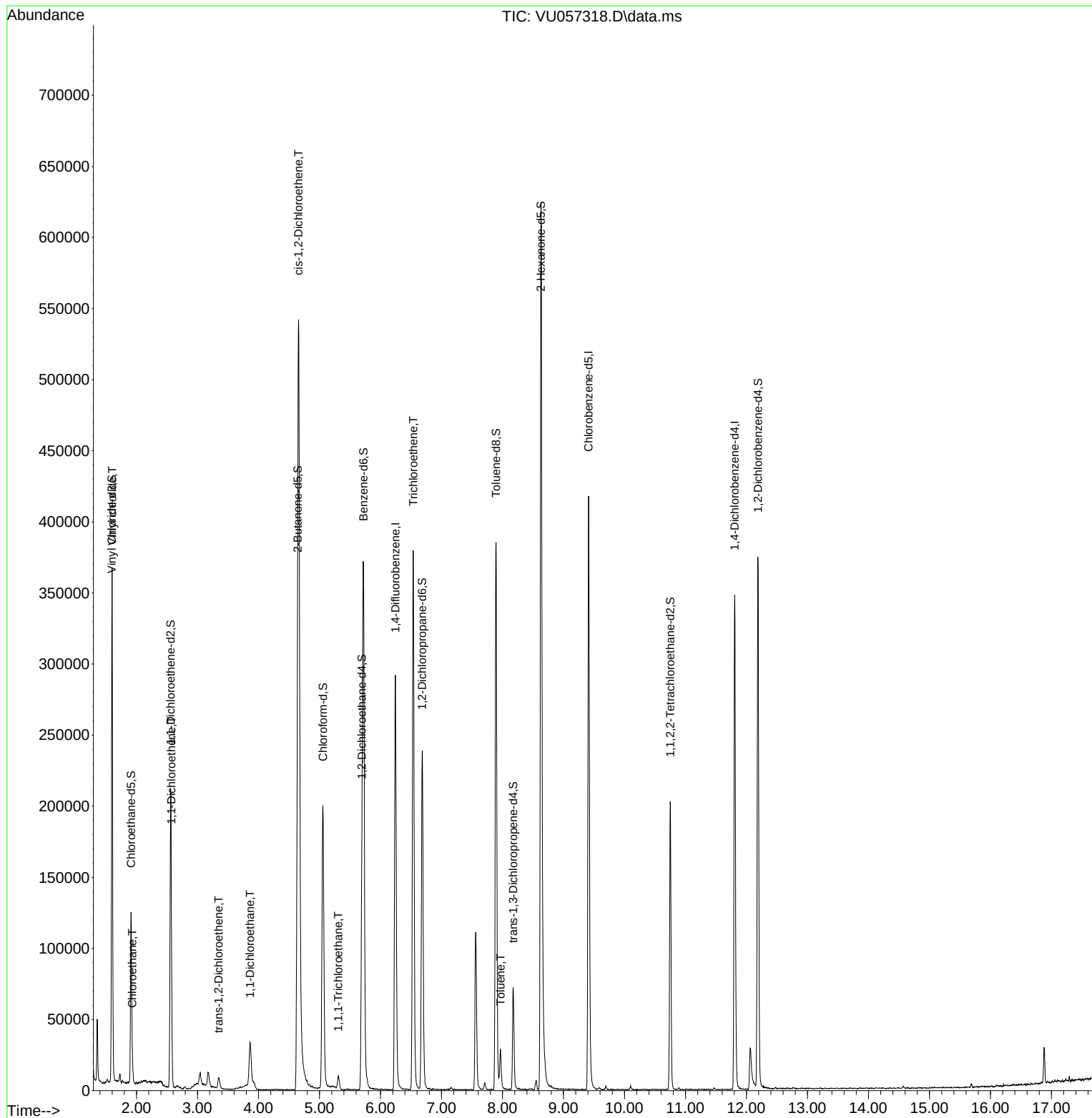
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	233032	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	234338	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	104762	5.229	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.600%		
7) Chloroethane-d5	1.910	69	93326	5.800	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 116.000%		
11) 1,1-Dichloroethene-d2	2.560	65	40142	5.034	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.600%		
20) 2-Butanone-d5	4.640	46	282806	62.328	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 124.660%		
24) Chloroform-d	5.055	84	193678	5.437	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.800%		
26) 1,2-Dichloroethane-d4	5.695	65	106472	5.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 117.000%		
32) Benzene-d6	5.721	84	350969	5.254	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.000%		
36) 1,2-Dichloropropane-d6	6.682	67	119455	5.707	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 114.200%		
41) Toluene-d8	7.894	98	267156	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.800%		
43) trans-1,3-Dichloroprop...	8.174	79	42730	5.088	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.800%		
46) 2-Hexanone-d5	8.630	63	221435	58.211	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 116.420%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	103732	5.901	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 118.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	98266	5.825	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 116.400%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	167513	8.612	ug/L	100
8) Chloroethane	1.933	64	4689	0.372	ug/L	93
12) 1,1-Dichloroethene	2.570	96	4394	0.289	ug/L #	1
18) trans-1,2-Dichloroethene	3.345	96	3289	0.218	ug/L	92
19) 1,1-Dichloroethane	3.862	63	35586	1.120	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	236732	13.551	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	6782	0.228	ug/L #	88
34) Trichloroethene	6.537	95	136056	7.563	ug/L	98
42) Toluene	7.968	91	19243	0.265	ug/L	97

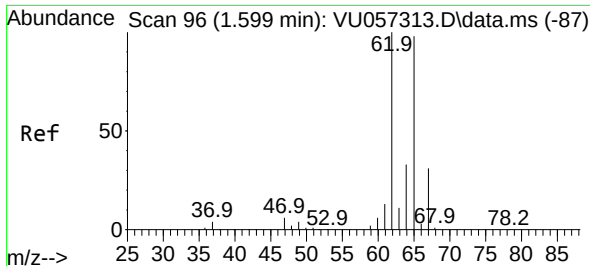
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
Data File : VU057318.D
Acq On : 28 Dec 2023 07:59
Operator : MD/SY
Sample : 06021-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH7Y4

Quant Time: Dec 28 20:46:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 28 05:49:04 2023
Response via : Initial Calibration

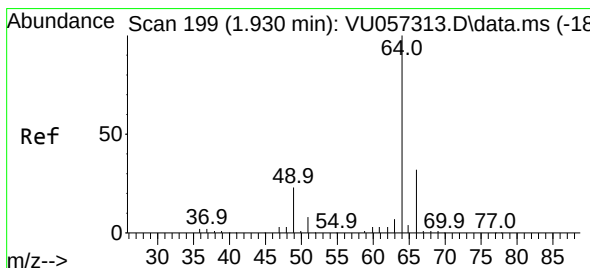
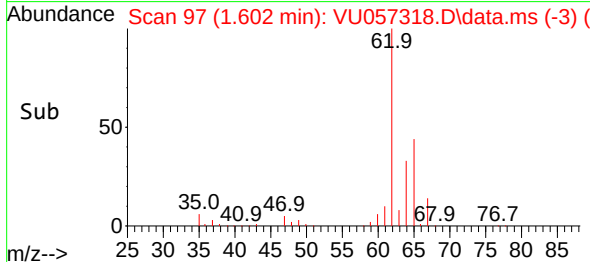
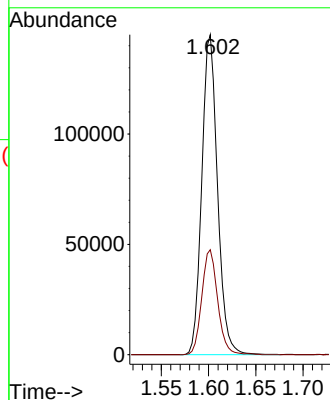
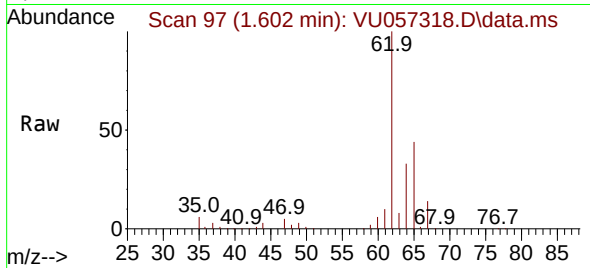




#5
 Vinyl chloride
 Concen: 8.612 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU057318.D
 Acq: 28 Dec 2023 07:59

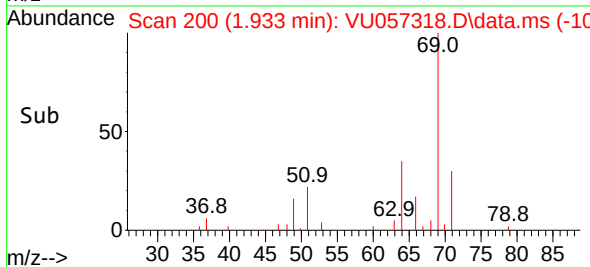
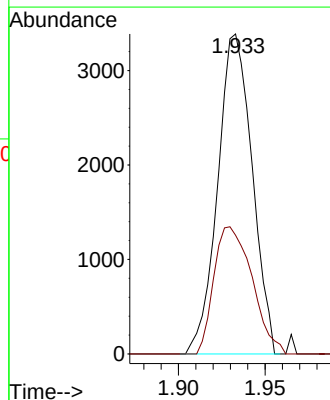
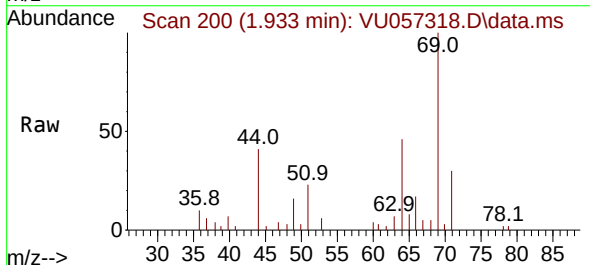
Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Y4

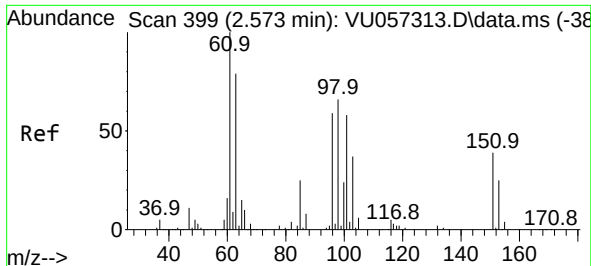
Tgt Ion: 62 Resp: 167513
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.8 42.4



#8
 Chloroethane
 Concen: 0.372 ug/L
 RT: 1.933 min Scan# 200
 Delta R.T. 0.003 min
 Lab File: VU057318.D
 Acq: 28 Dec 2023 07:59

Tgt Ion: 64 Resp: 4689
 Ion Ratio Lower Upper
 64 100
 66 37.1 23.3 43.3





#12

1,1-Dichloroethene

Concen: 0.289 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU057318.D

Acq: 28 Dec 2023 07:59

Instrument :

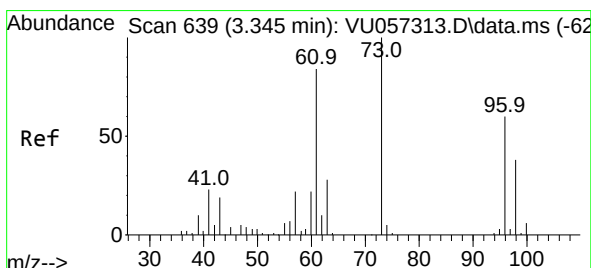
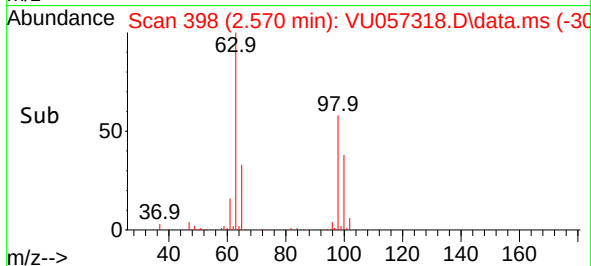
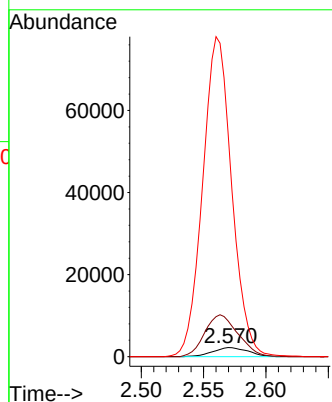
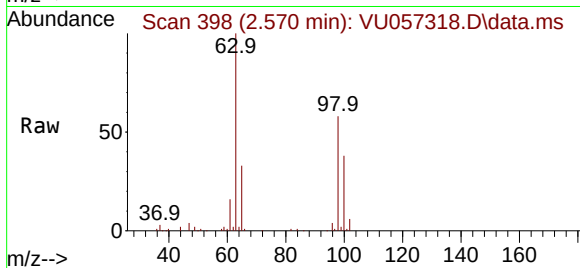
MSVOA_U

ClientSampleId :

BH7Y4

Tgt Ion: 96 Resp: 4394

Ion	Ratio	Lower	Upper
96	100		
61	321.9	122.2	226.9#
63	2017.0	99.2	184.2#



#18

trans-1,2-Dichloroethene

Concen: 0.218 ug/L

RT: 3.345 min Scan# 639

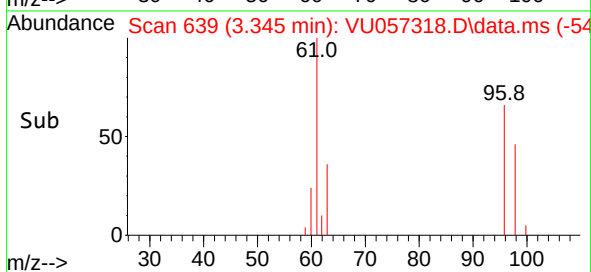
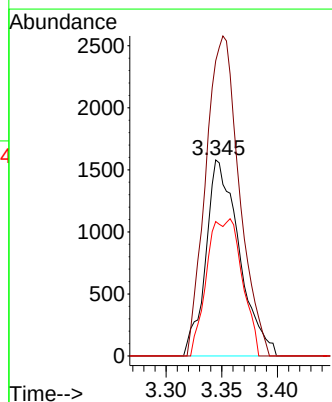
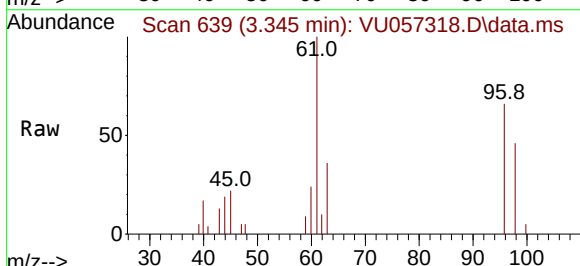
Delta R.T. -0.000 min

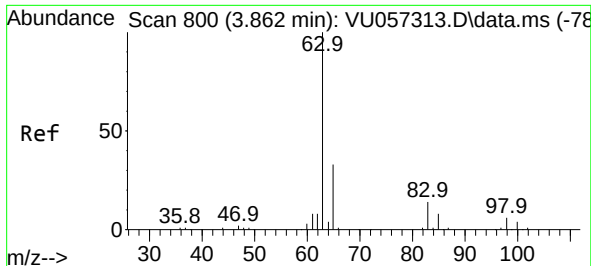
Lab File: VU057318.D

Acq: 28 Dec 2023 07:59

Tgt Ion: 96 Resp: 3289

Ion	Ratio	Lower	Upper
96	100		
61	150.6	97.5	181.1
98	68.5	45.9	85.3





#19

1,1-Dichloroethane

Concen: 1.120 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU057318.D

Acq: 28 Dec 2023 07:59

Instrument :

MSVOA_U

ClientSampleId :

BH7Y4

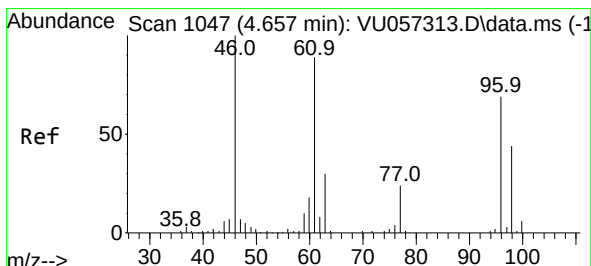
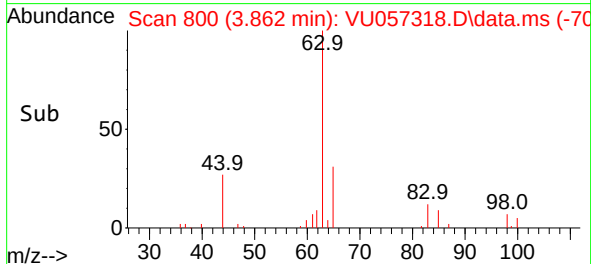
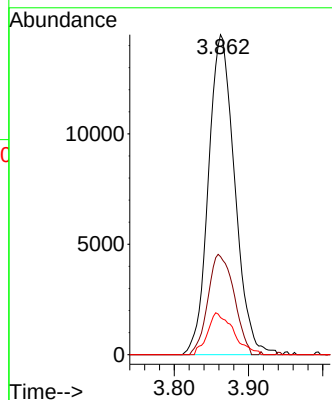
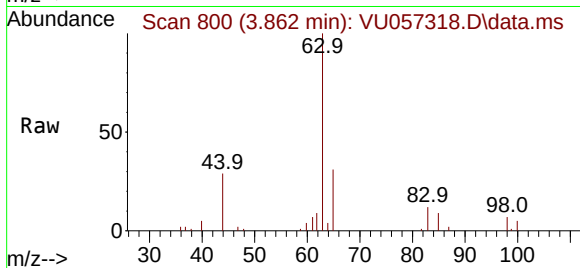
Tgt Ion: 63 Resp: 35586

Ion Ratio Lower Upper

63 100

65 30.6 23.6 43.8

83 11.6 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 13.551 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU057318.D

Acq: 28 Dec 2023 07:59

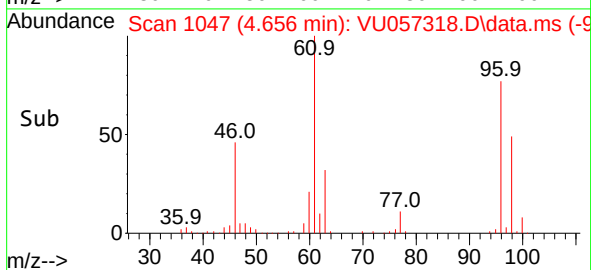
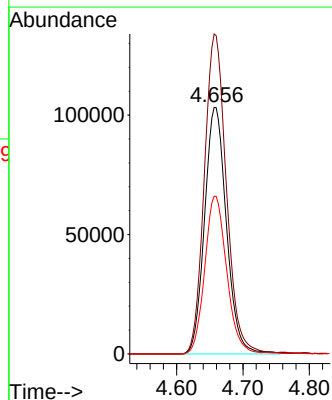
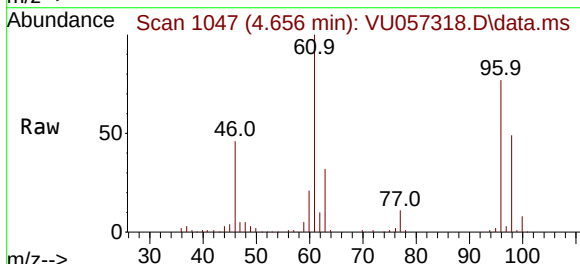
Tgt Ion: 96 Resp: 236732

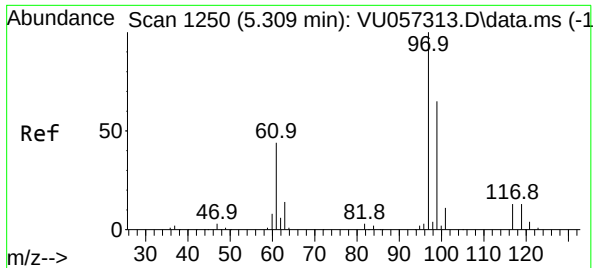
Ion Ratio Lower Upper

96 100

61 129.8 91.1 169.3

98 64.0 42.6 79.0

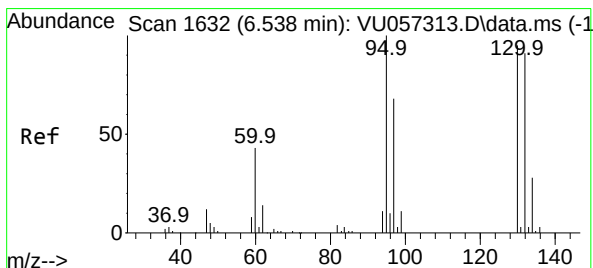
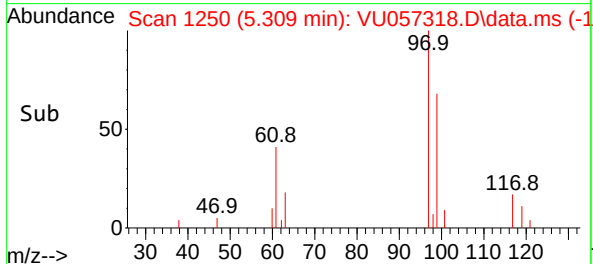
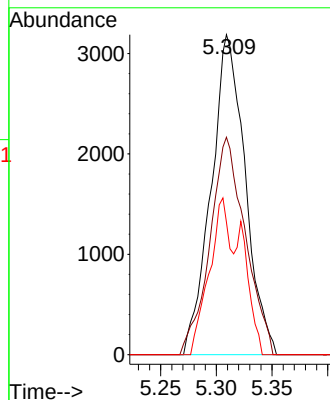
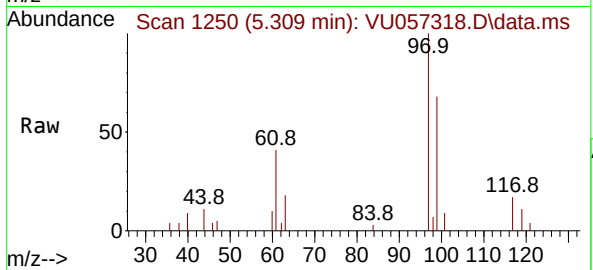




#29
1,1,1-Trichloroethane
Concen: 0.228 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057318.D
Acq: 28 Dec 2023 07:59

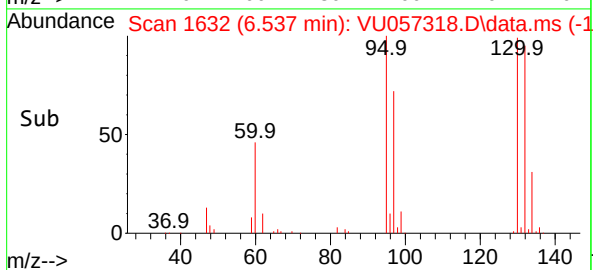
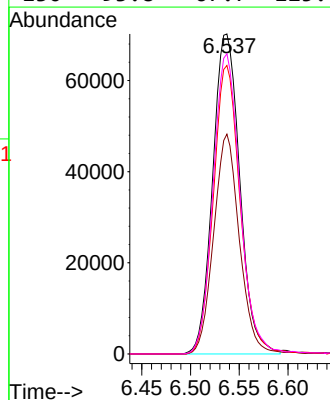
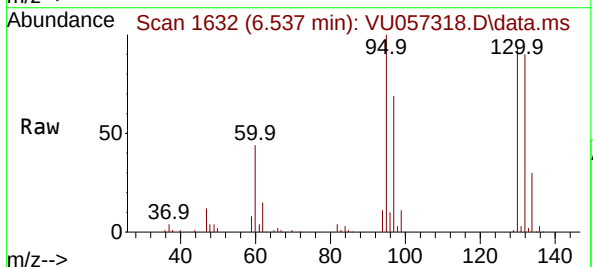
Instrument :
MSVOA_U
ClientSampleId :
BH7Y4

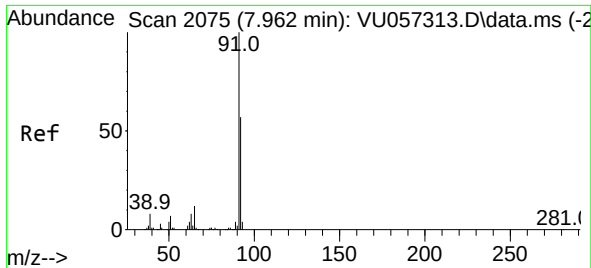
Tgt Ion: 97 Resp: 6782
Ion Ratio Lower Upper
97 100
99 70.5 51.7 77.5
61 31.3 34.1 51.1#



#34
Trichloroethene
Concen: 7.563 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057318.D
Acq: 28 Dec 2023 07:59

Tgt Ion: 95 Resp: 136056
Ion Ratio Lower Upper
95 100
97 68.7 45.3 84.1
132 90.1 63.1 117.3
130 93.8 67.7 125.7





#42
Toluene
Concen: 0.265 ug/L
RT: 7.968 min Scan# 20
Delta R.T. 0.006 min
Lab File: VU057318.D
Acq: 28 Dec 2023 07:59

Instrument :
MSVOA_U
ClientSampleId :
BH7Y4

Tgt Ion: 91 Resp: 19243
Ion Ratio Lower Upper
91 100
92 62.0 41.6 77.2

