

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057317.D
 Acq On : 28 Dec 2023 07:34
 Operator : MD/SY
 Sample : 06021-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 20:46:24 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)

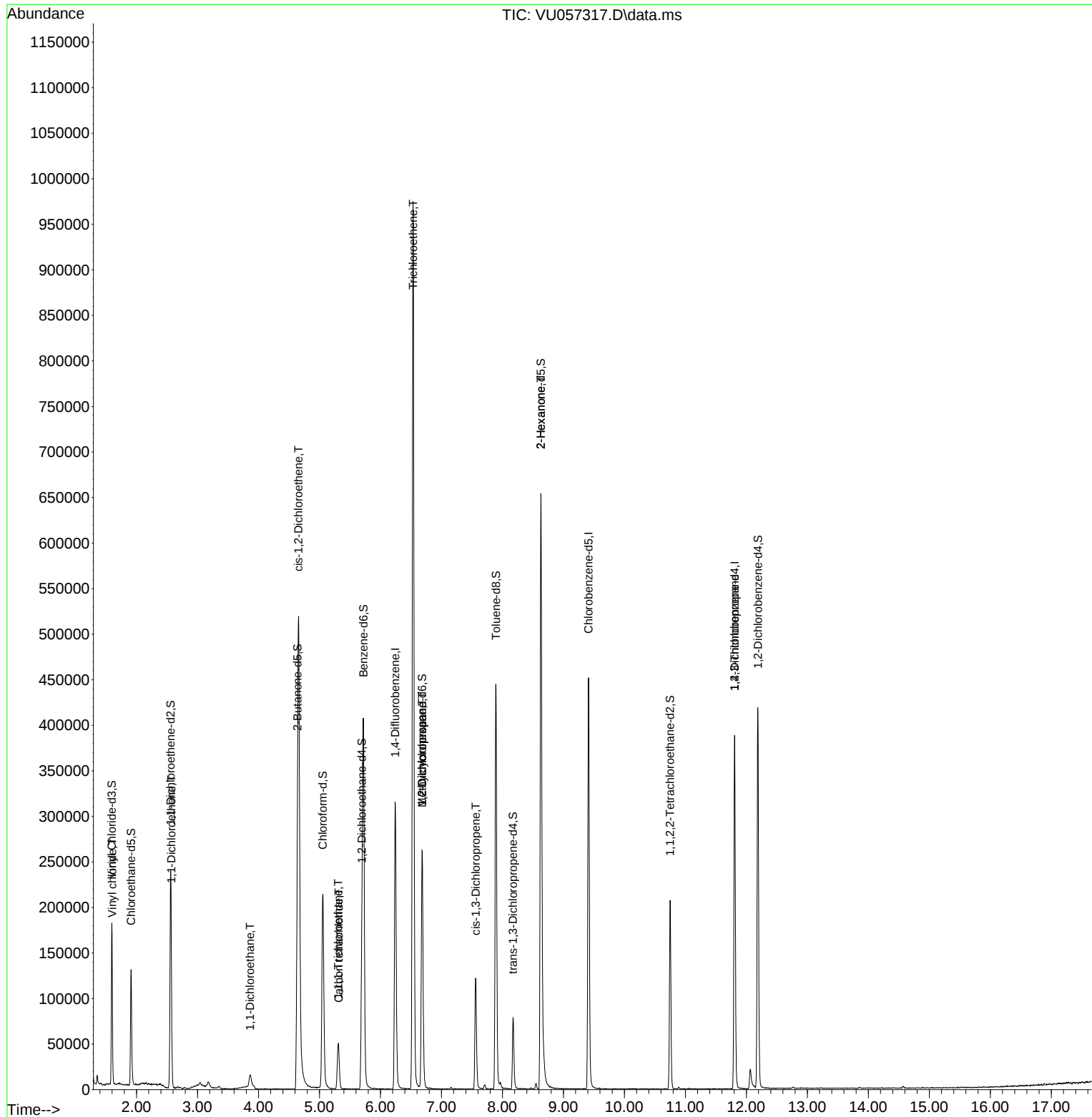
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	251362	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	254728	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	113379	5.247	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.000%		
7) Chloroethane-d5	1.911	69	97791	5.634	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 112.600%		
11) 1,1-Dichloroethene-d2	2.560	65	45129	5.247	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.000%		
20) 2-Butanone-d5	4.640	46	298913	61.074	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 122.140%		
24) Chloroform-d	5.055	84	206945	5.385	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.800%		
26) 1,2-Dichloroethane-d4	5.695	65	111919	5.699	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 114.000%		
32) Benzene-d6	5.721	84	382286	5.265	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.200%		
36) 1,2-Dichloropropane-d6	6.682	67	128787	5.660	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 113.200%		
41) Toluene-d8	7.894	98	303454	4.844	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.800%		
43) trans-1,3-Dichloroprop...	8.174	79	47180	5.168	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.400%		
46) 2-Hexanone-d5	8.631	63	226021	54.660	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 109.320%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	104414	5.464	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 109.200%		
66) 1,2-Dichlorobenzene-d4	12.190	152	107288	5.723	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	17676	0.842	ug/L	88
12) 1,1-Dichloroethene	2.570	96	4520	0.275	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	15567	0.454	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	224361	11.906	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	37680	1.168	ug/L	98
31) Carbon tetrachloride	5.316	117	4656	0.172	ug/L	98
34) Trichloroethene	6.534	95	348032	17.798	ug/L	96
35) Methylcyclohexane	6.685	83	30571	1.197	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	14044	0.688	ug/L #	90
39) cis-1,3-Dichloropropene	7.563	75	3266	0.117	ug/L	86
48) 2-Hexanone	8.631	43	30037	3.916	ug/L #	75
61) 1,2,3-Trichloropropane	11.807	75	12439	1.157	ug/L #	66

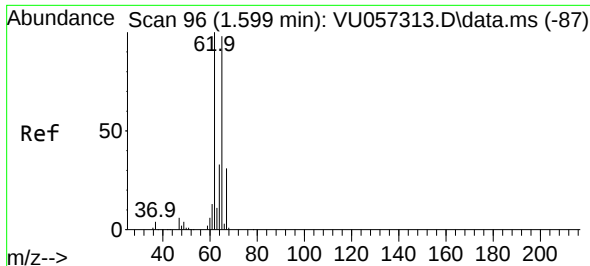
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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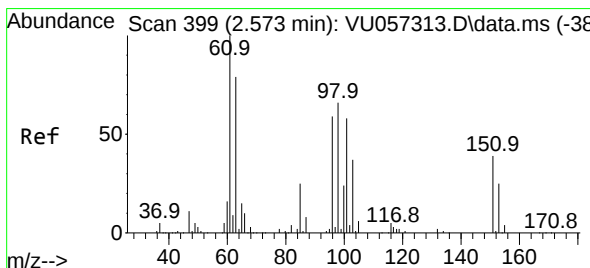
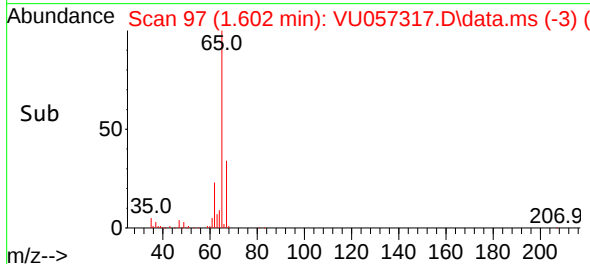
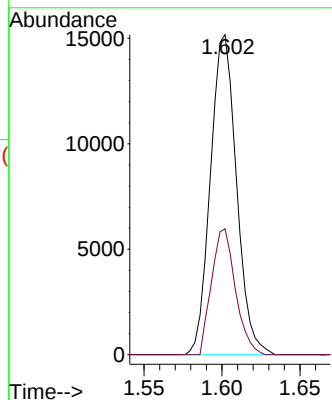
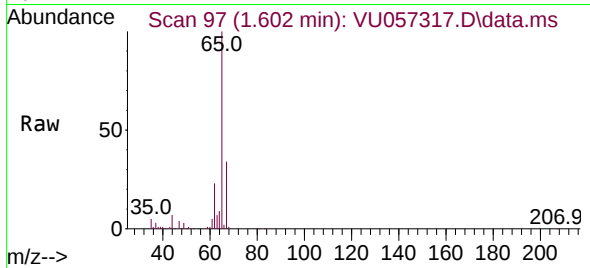




#5
 Vinyl chloride
 Concen: 0.842 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU057317.D
 Acq: 28 Dec 2023 07:34

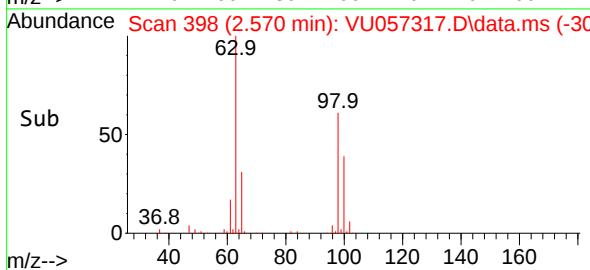
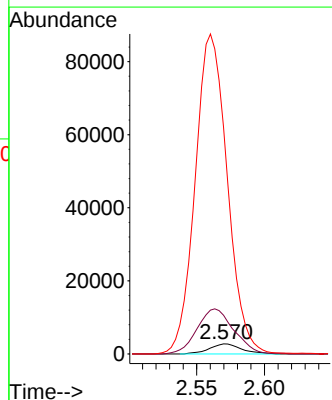
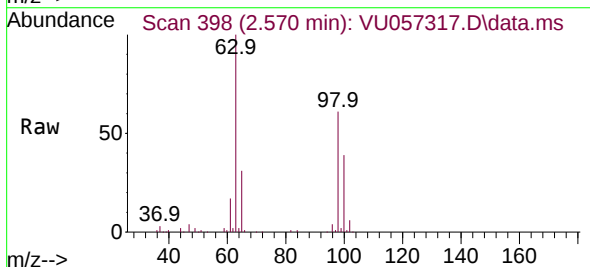
Instrument :
 MSVOA_U
 ClientSampleId :

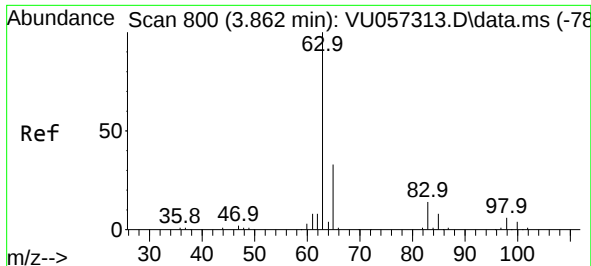
Tgt Ion: 62 Resp: 17676
 Ion Ratio Lower Upper
 62 100
 64 39.3 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.275 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU057317.D
 Acq: 28 Dec 2023 07:34

Tgt Ion: 96 Resp: 4520
 Ion Ratio Lower Upper
 96 100
 61 386.8 122.2 226.9#
 63 2261.4 99.2 184.2#





#19

1,1-Dichloroethane

Concen: 0.454 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU057317.D

Acq: 28 Dec 2023 07:34

Instrument :

MSVOA_U

ClientSampleId :

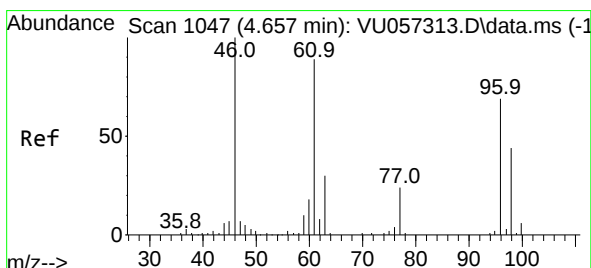
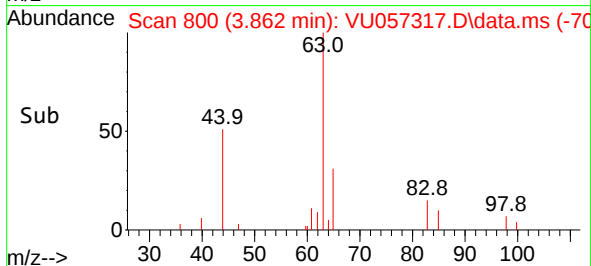
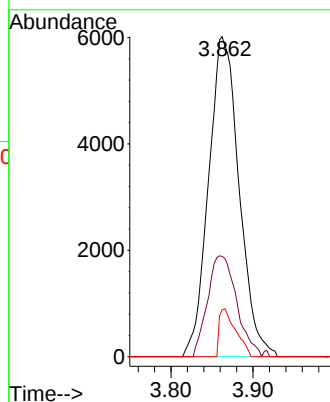
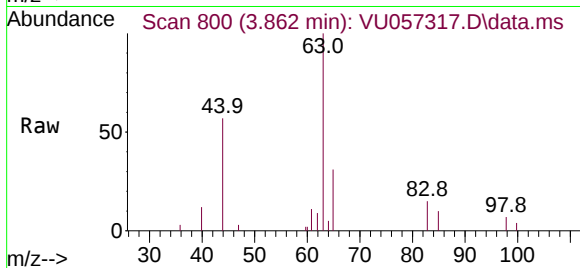
Tgt Ion: 63 Resp: 15567

Ion Ratio Lower Upper

63 100

65 31.4 23.6 43.8

83 14.7 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 11.906 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU057317.D

Acq: 28 Dec 2023 07:34

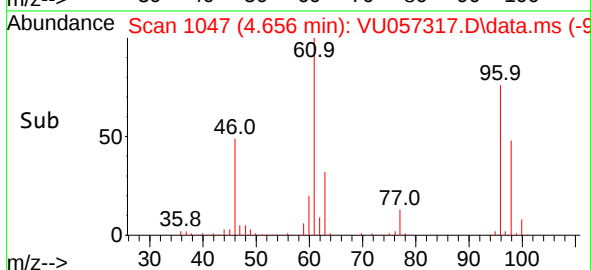
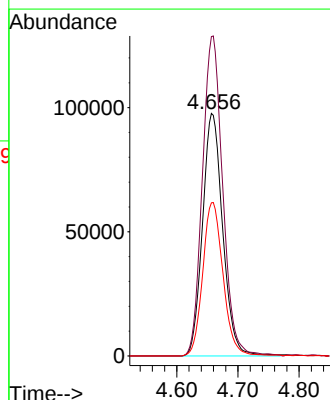
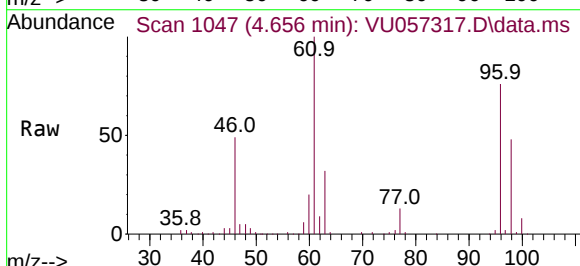
Tgt Ion: 96 Resp: 224361

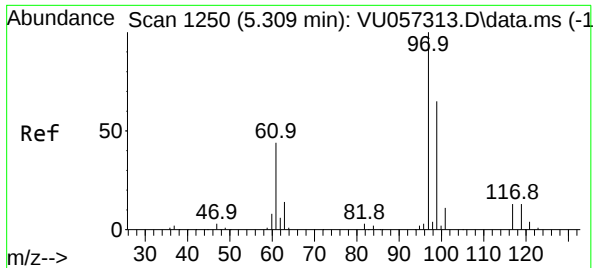
Ion Ratio Lower Upper

96 100

61 131.7 91.1 169.3

98 63.1 42.6 79.0

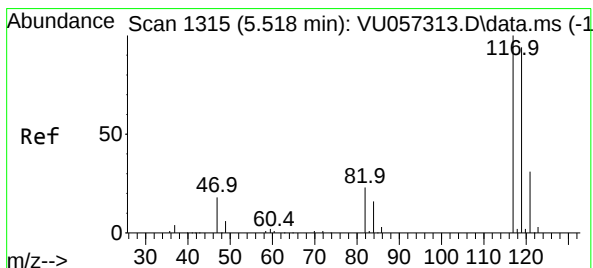
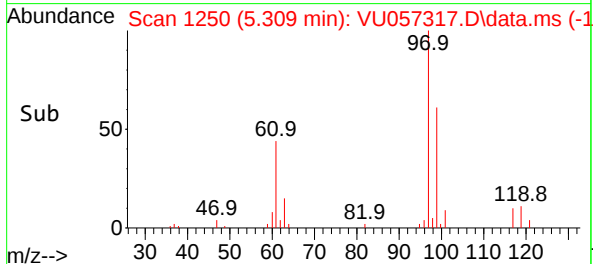
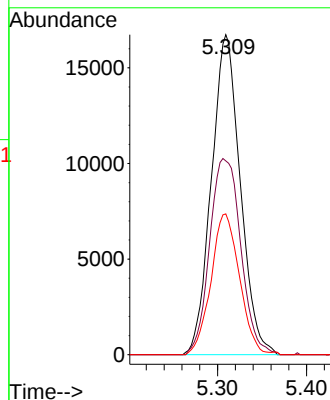
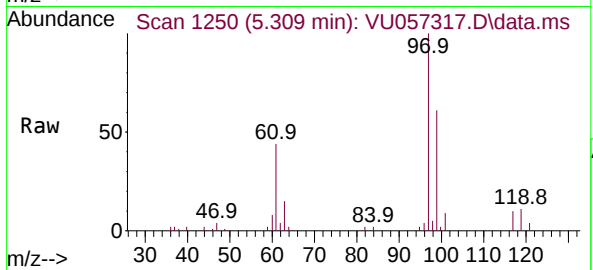




#29
1,1,1-Trichloroethane
Concen: 1.168 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057317.D
Acq: 28 Dec 2023 07:34

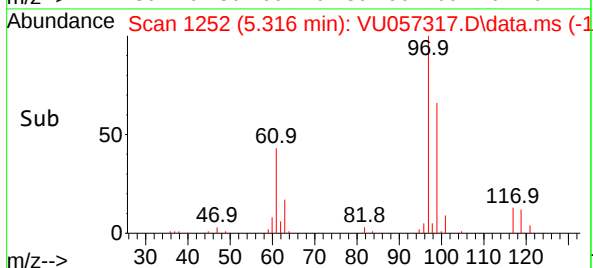
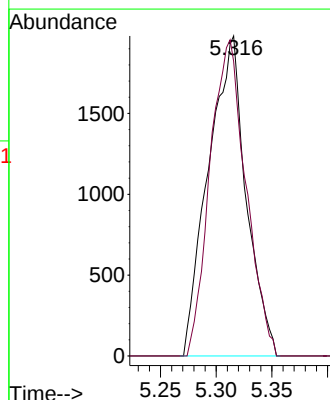
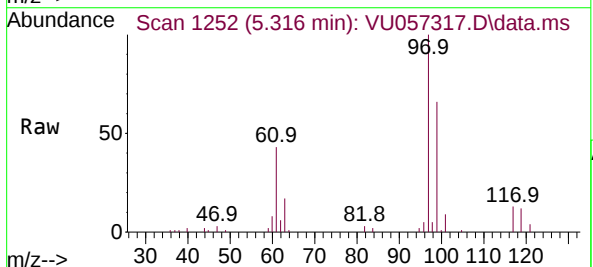
Instrument :
MSVOA_U
ClientSampleId :

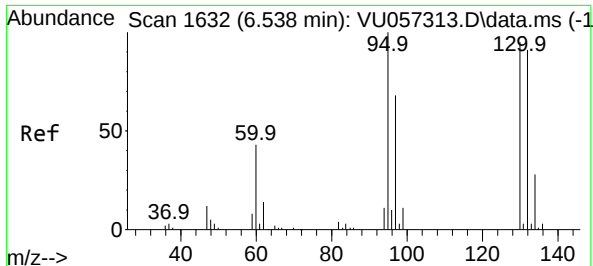
Tgt Ion: 97 Resp: 37680
Ion Ratio Lower Upper
97 100
99 66.2 51.7 77.5
61 43.7 34.1 51.1



#31
Carbon tetrachloride
Concen: 0.172 ug/L
RT: 5.316 min Scan# 1252
Delta R.T. -0.203 min
Lab File: VU057317.D
Acq: 28 Dec 2023 07:34

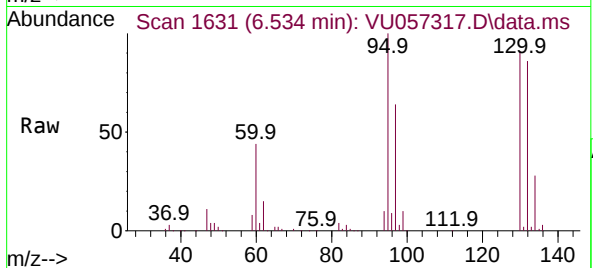
Tgt Ion: 117 Resp: 4656
Ion Ratio Lower Upper
117 100
119 94.0 76.7 115.1





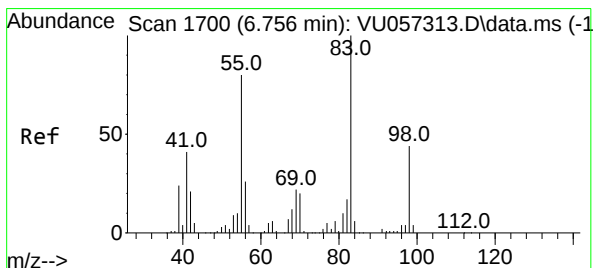
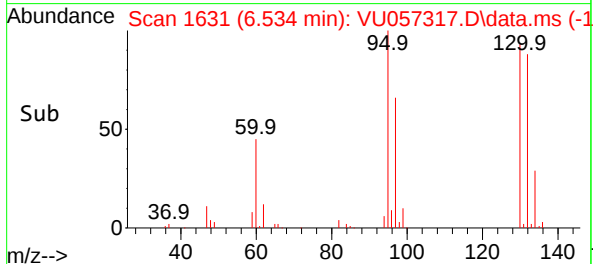
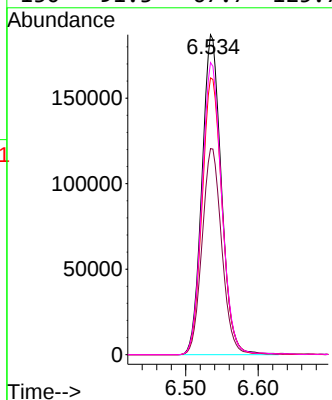
#34
Trichloroethene
Concen: 17.798 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU057317.D
Acq: 28 Dec 2023 07:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 348032

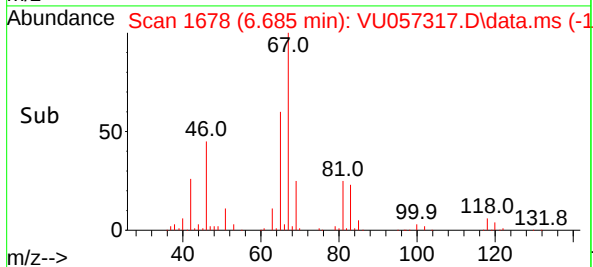
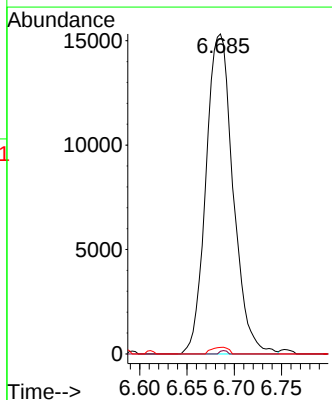
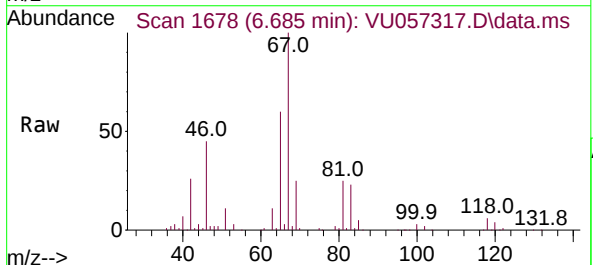
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.3	84.1
132	86.5	63.1	117.3
130	91.3	67.7	125.7

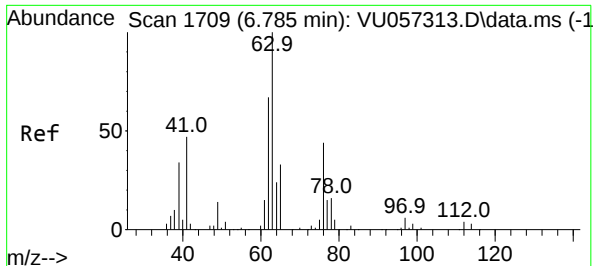


#35
Methylcyclohexane
Concen: 1.197 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057317.D
Acq: 28 Dec 2023 07:34

Tgt Ion: 83 Resp: 30571

Ion	Ratio	Lower	Upper
83	100		
55	0.3	65.4	98.2#
98	1.3	35.3	52.9#

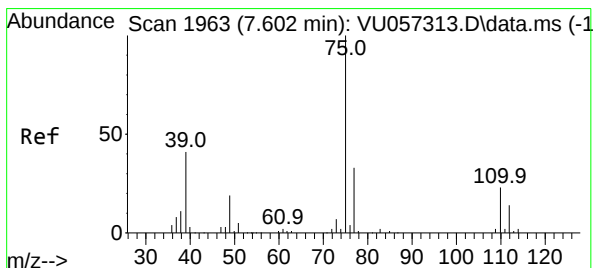
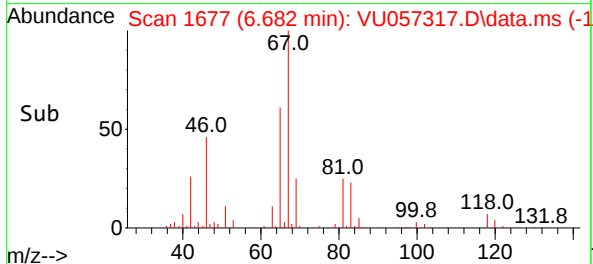
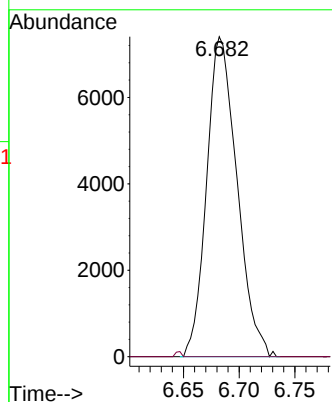
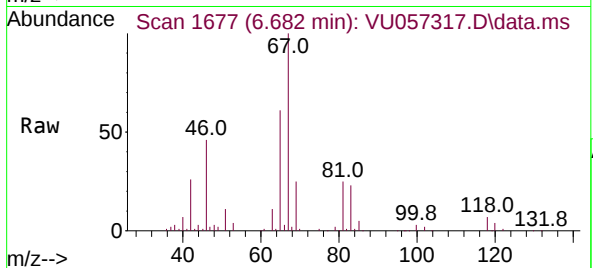




#37
1,2-Dichloropropane
Concen: 0.688 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057317.D
Acq: 28 Dec 2023 07:34

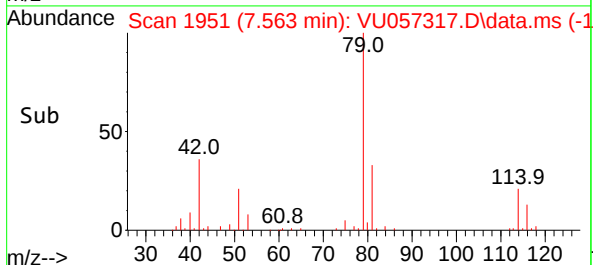
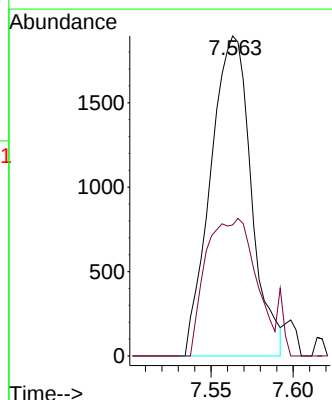
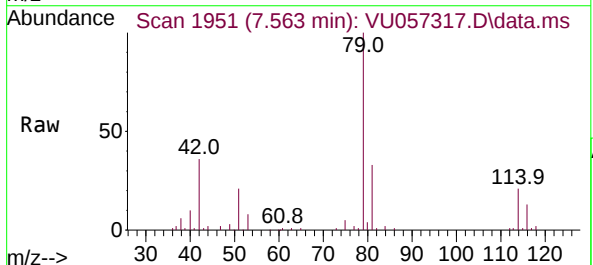
Instrument :
MSVOA_U
ClientSampleId :

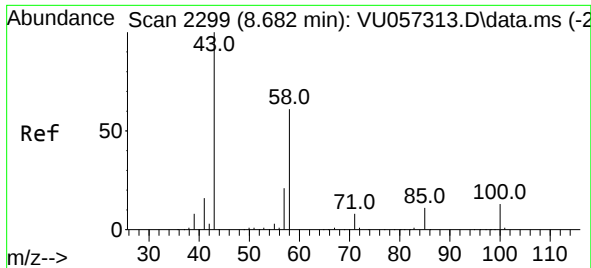
Tgt Ion: 63 Resp: 14044
Ion Ratio Lower Upper
63 100
112 0.3 2.9 4.3#



#39
cis-1,3-Dichloropropene
Concen: 0.117 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.039 min
Lab File: VU057317.D
Acq: 28 Dec 2023 07:34

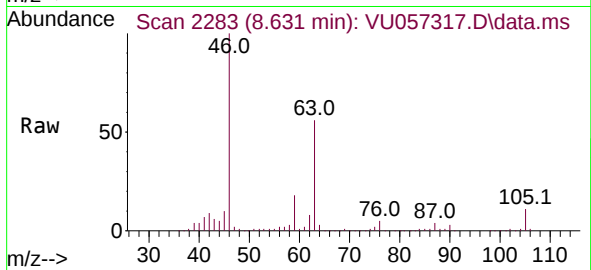
Tgt Ion: 75 Resp: 3266
Ion Ratio Lower Upper
75 100
77 40.9 23.0 42.8



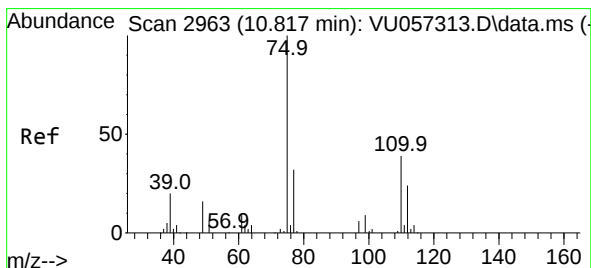
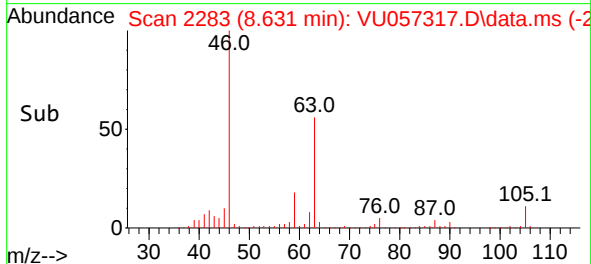
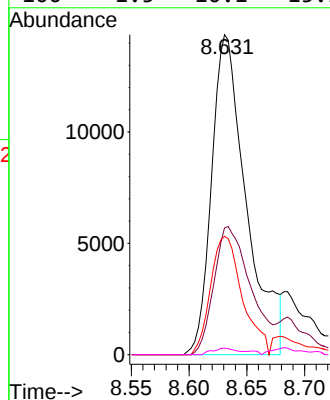


#48
2-Hexanone
Concen: 3.916 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.052 min
Lab File: VU057317.D
Acq: 28 Dec 2023 07:34

Instrument :
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Tgt Ion: 43 Resp: 30037
Ion Ratio Lower Upper
43 100
58 42.2 48.4 72.6#
57 33.8 17.4 26.2#
100 1.5 10.1 15.1#



#61
1,2,3-Trichloropropane
Concen: 1.157 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057317.D
Acq: 28 Dec 2023 07:34

Tgt Ion: 75 Resp: 12439
Ion Ratio Lower Upper
75 100
110 1.8 29.0 43.6#
77 34.6 25.4 38.2

