

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057308.D
 Acq On : 28 Dec 2023 03:32
 Operator : MD/SY
 Sample : 06020-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 03:51:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:43:53 2023
 Response via : Initial Calibration

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

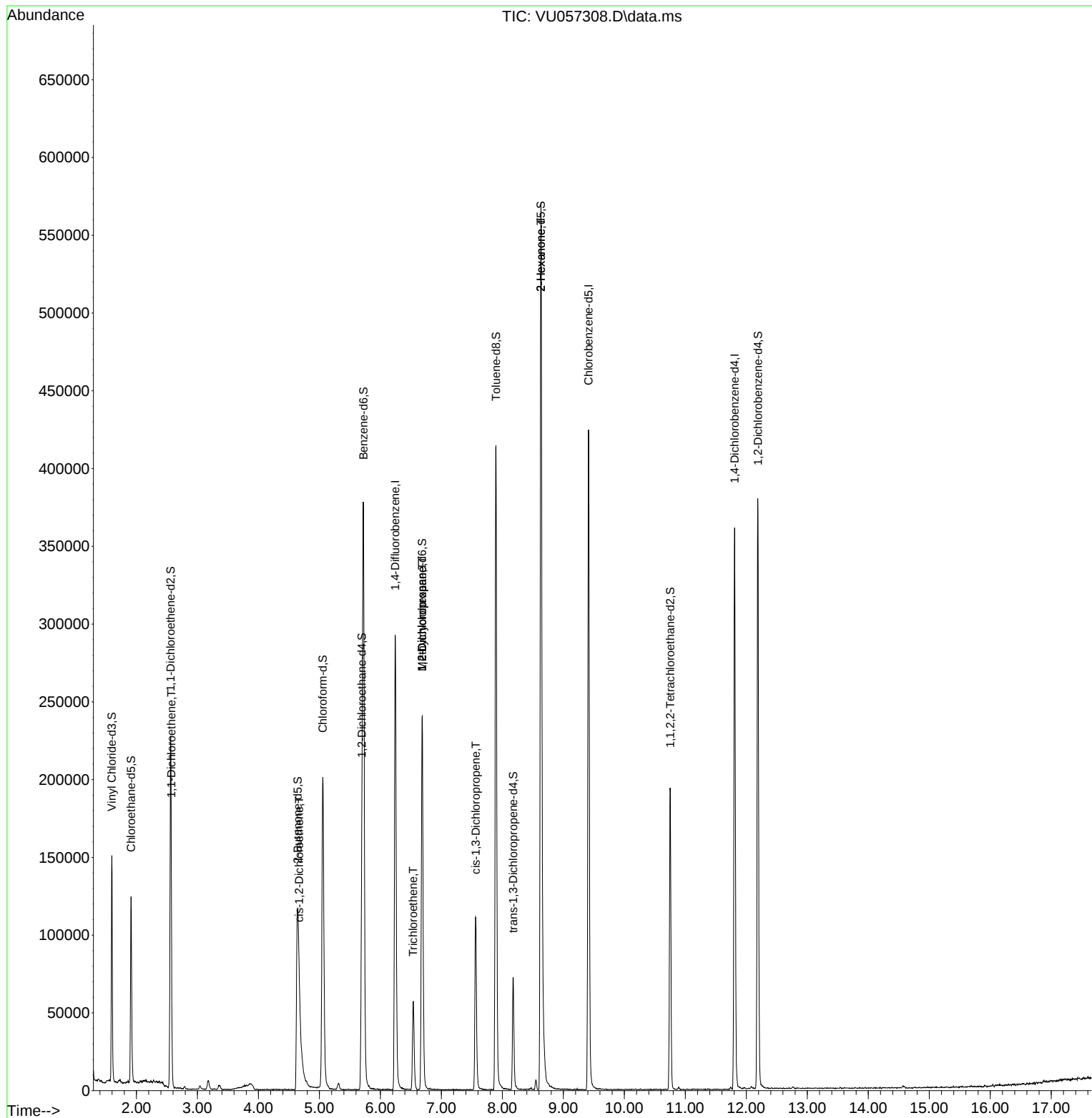
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	235043	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	237473	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	104591	5.176	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.600%		
7) Chloroethane-d5	1.911	69	91592	5.644	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 112.800%		
11) 1,1-Dichloroethene-d2	2.560	65	42671	5.306	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 106.200%		
20) 2-Butanone-d5	4.644	46	270433	59.091	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 118.180%		
24) Chloroform-d	5.055	84	192300	5.352	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.000%		
26) 1,2-Dichloroethane-d4	5.695	65	103531	5.638	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.800%		
32) Benzene-d6	5.721	84	357524	5.281	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.600%		
36) 1,2-Dichloropropane-d6	6.685	67	119213	5.620	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 112.400%		
41) Toluene-d8	7.894	98	280008	4.795	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.800%		
43) trans-1,3-Dichloroprop...	8.177	79	42771	5.025	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.600%		
46) 2-Hexanone-d5	8.631	63	206205	53.491	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 106.980%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98659	5.538	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 110.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	98689	5.650	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.000%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.570	96	2531	0.165	ug/L #	1
22) cis-1,2-Dichloroethene	4.666	96	2039	0.116	ug/L	87
34) Trichloroethene	6.538	95	21577	1.184	ug/L	91
35) Methylcyclohexane	6.685	83	27442	1.152	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	13268	0.697	ug/L #	90
39) cis-1,3-Dichloropropene	7.563	75	3395	0.130	ug/L	86
48) 2-Hexanone	8.631	43	31849	4.454	ug/L #	72

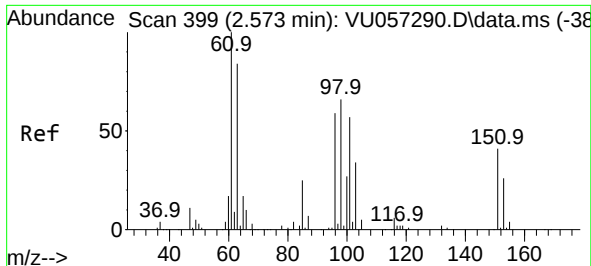
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.165 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU057308.D

Acq: 28 Dec 2023 03:32

Instrument :

MSVOA_U

ClientSampleId :

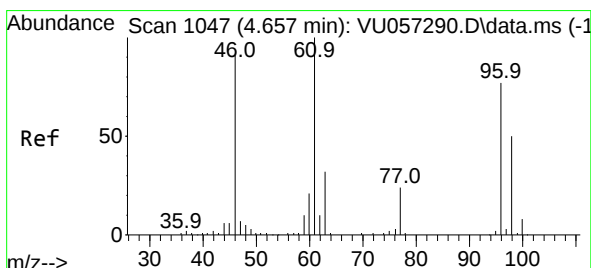
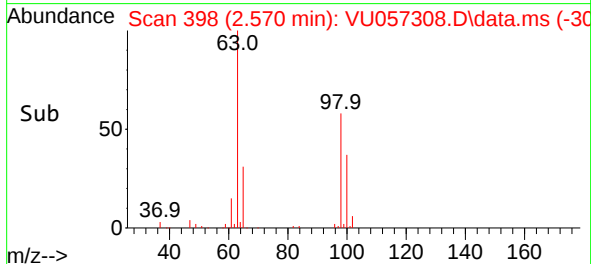
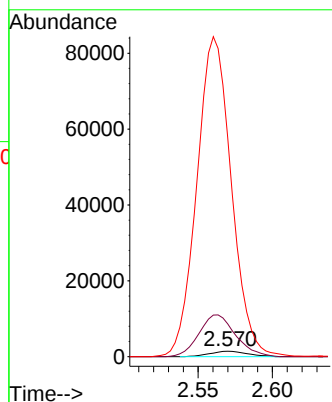
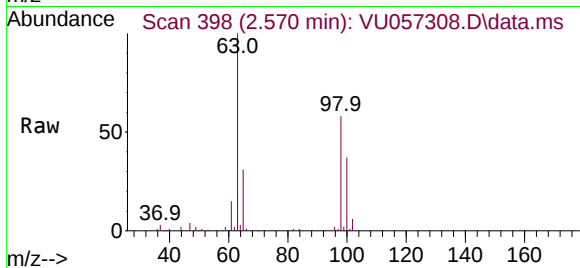
Tgt Ion: 96 Resp: 2531

Ion Ratio Lower Upper

96 100

61 603.0 122.2 226.9#

63 4018.4 99.2 184.2#



#22

cis-1,2-Dichloroethene

Concen: 0.116 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU057308.D

Acq: 28 Dec 2023 03:32

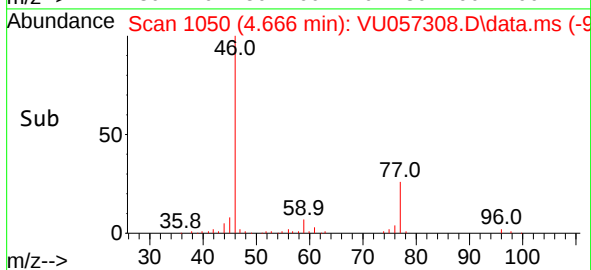
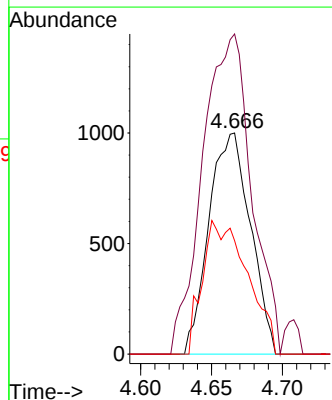
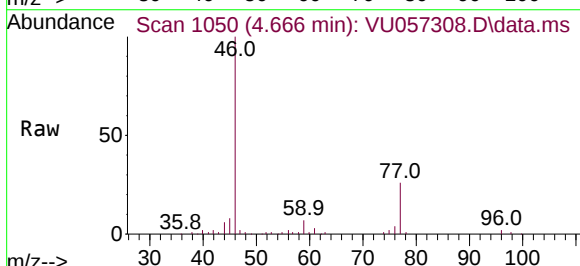
Tgt Ion: 96 Resp: 2039

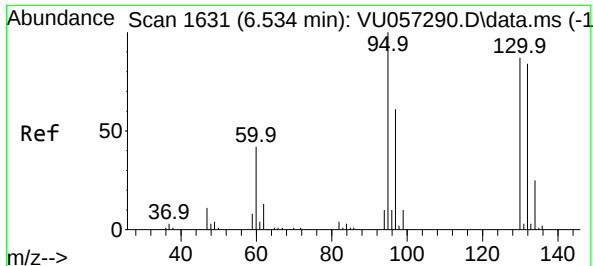
Ion Ratio Lower Upper

96 100

61 144.8 91.1 169.3

98 51.3 42.6 79.0



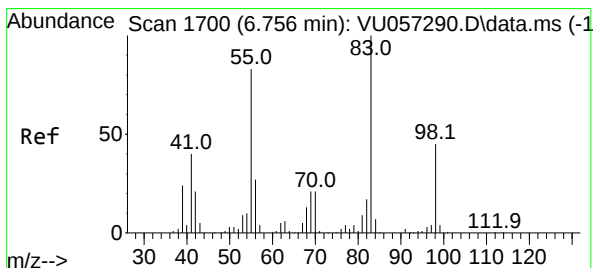
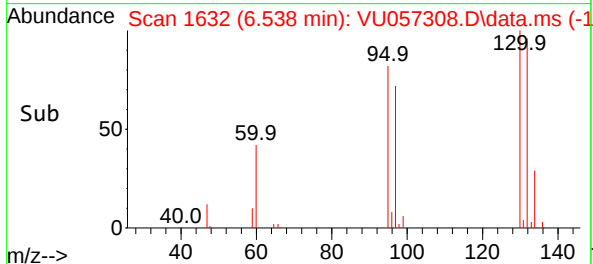
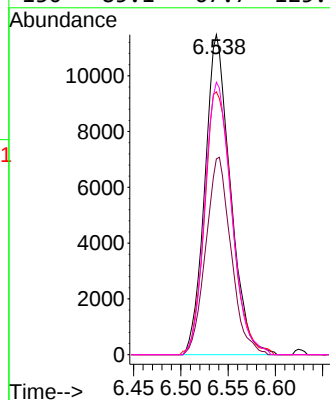
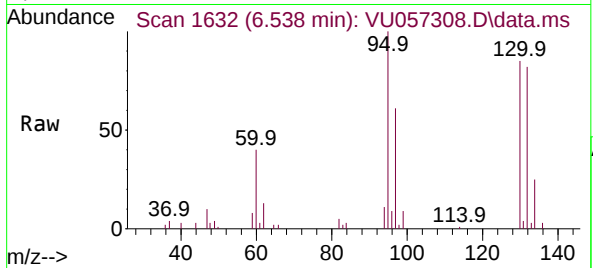


#34
Trichloroethene
Concen: 1.184 ug/L
RT: 6.538 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU057308.D
Acq: 28 Dec 2023 03:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 21577

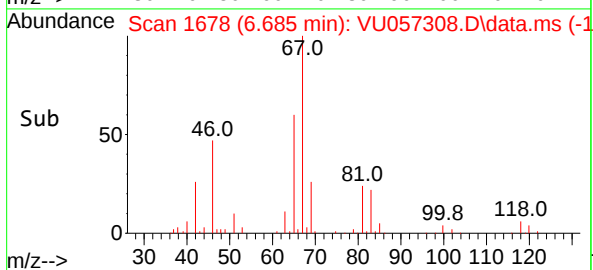
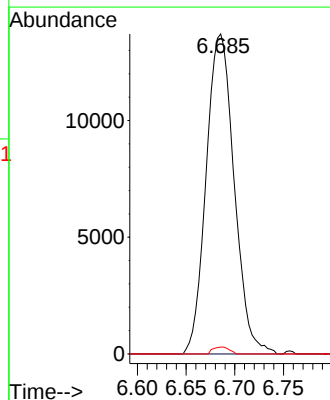
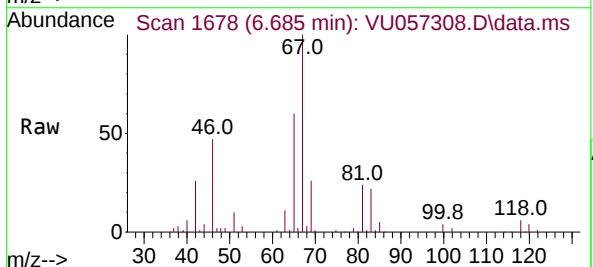
Ion	Ratio	Lower	Upper
95	100		
97	61.2	45.3	84.1
132	82.1	63.1	117.3
130	85.1	67.7	125.7

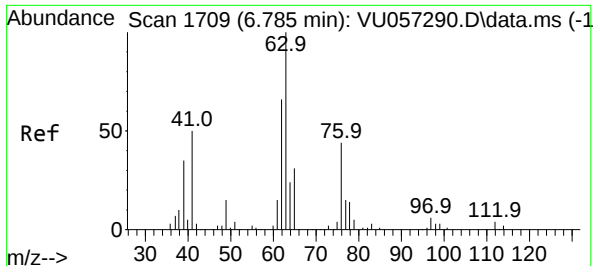


#35
Methylcyclohexane
Concen: 1.152 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057308.D
Acq: 28 Dec 2023 03:32

Tgt Ion: 83 Resp: 27442

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.4	98.2#
98	1.3	35.3	52.9#

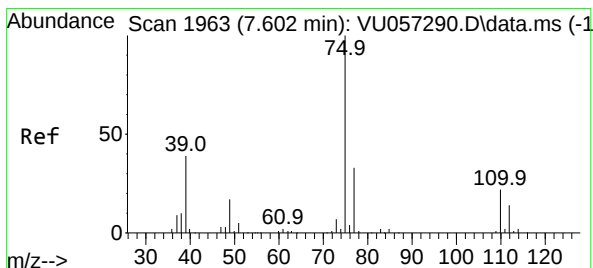
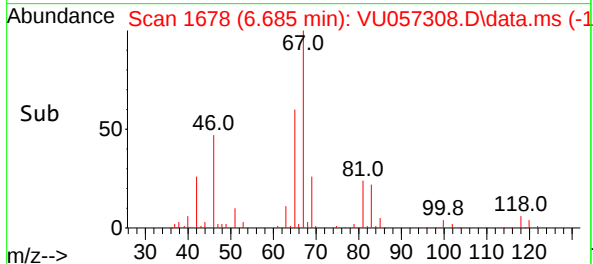
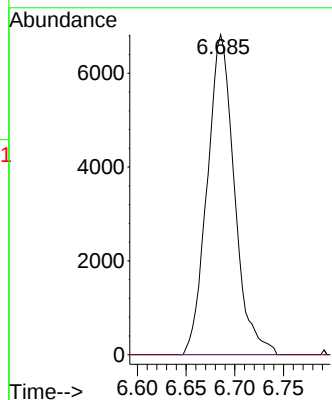
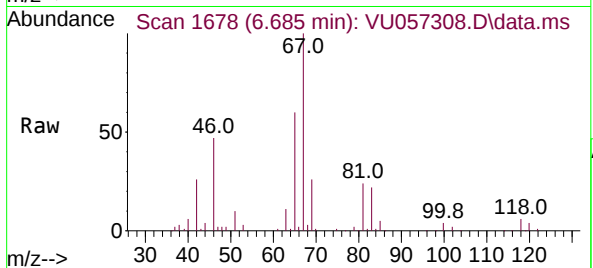




#37
1,2-Dichloropropane
Concen: 0.697 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057308.D
Acq: 28 Dec 2023 03:32

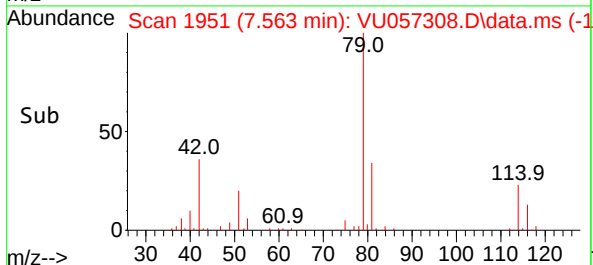
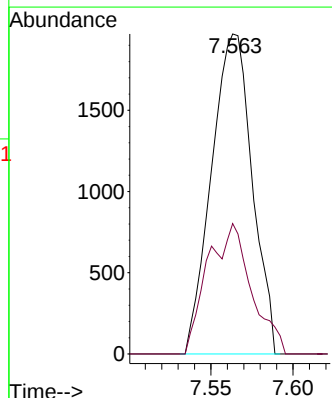
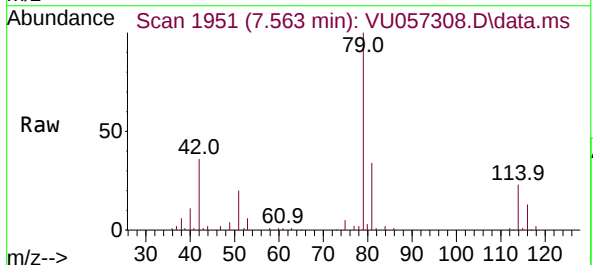
Instrument :
MSVOA_U
ClientSampleId :

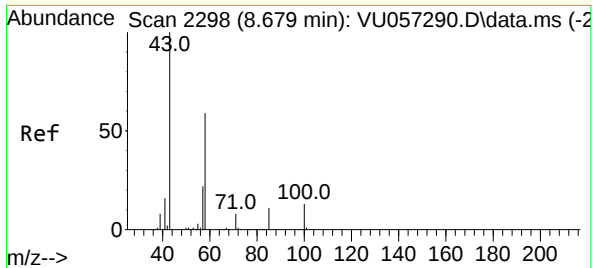
Tgt Ion: 63 Resp: 13268
Ion Ratio Lower Upper
63 100
112 0.3 2.9 4.3#



#39
cis-1,3-Dichloropropene
Concen: 0.130 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.039 min
Lab File: VU057308.D
Acq: 28 Dec 2023 03:32

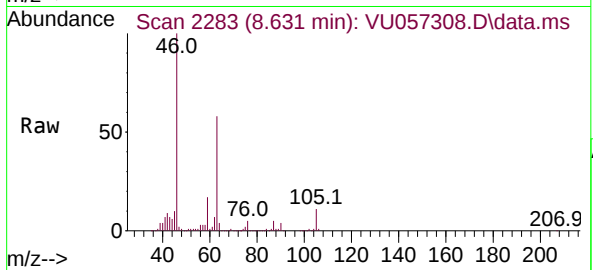
Tgt Ion: 75 Resp: 3395
Ion Ratio Lower Upper
75 100
77 40.8 23.0 42.8





#48
 2-Hexanone
 Concen: 4.454 ug/L
 RT: 8.631 min Scan# 21
 Delta R.T. -0.048 min
 Lab File: VU057308.D
 Acq: 28 Dec 2023 03:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 43	Resp: 31849
Ion Ratio	Lower Upper
43	100
58	37.2 48.4 72.6#
57	30.9 17.4 26.2#
100	0.6 10.1 15.1#

