

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110223\
 Data File : VU056057.D
 Acq On : 02 Nov 2023 11:45
 Operator : MD/SY
 Sample : 05112-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

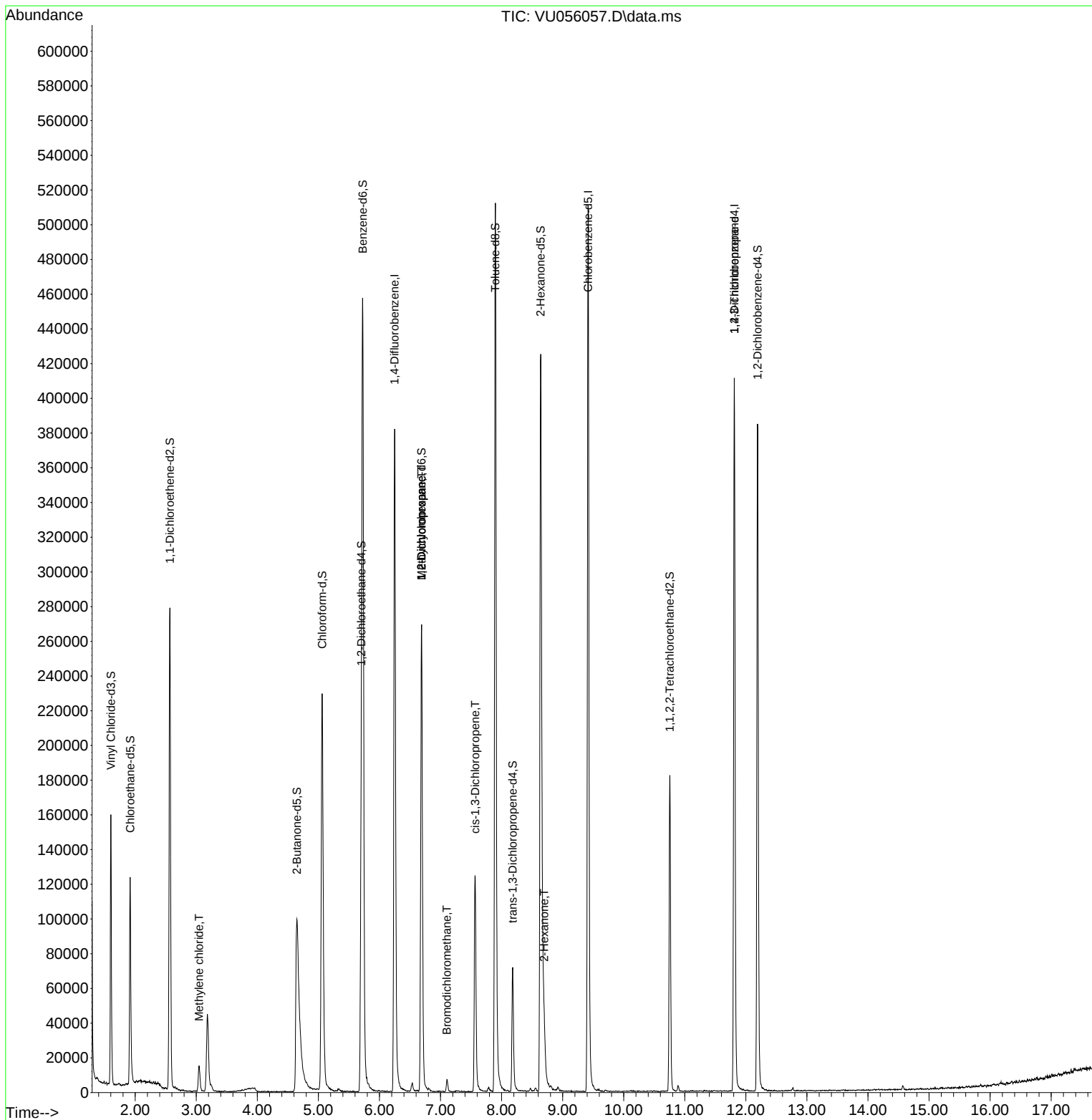
Instrument :
 MSVOA_U
 ClientSampleId :

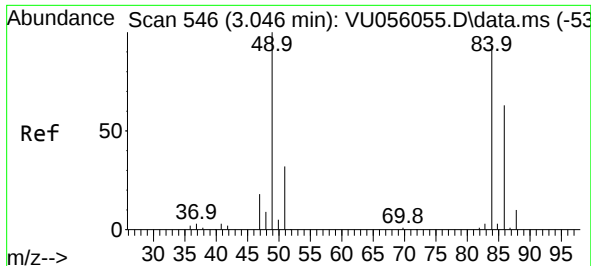
Quant Time: Nov 03 00:37:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 03 00:21:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	331886	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	314341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	118294	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.602	65	120165	4.577	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.600%	
7) Chloroethane-d5	1.917	69	98508	4.814	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.567	65	53541	4.804	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.000%	
20) 2-Butanone-d5	4.647	46	221822	47.361	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.720%	
24) Chloroform-d	5.062	84	225957	4.645	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.702	65	107036	4.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
32) Benzene-d6	5.724	84	459938	4.912	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
36) 1,2-Dichloropropane-d6	6.689	67	138918	5.005	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.898	98	381313	4.489	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
43) trans-1,3-Dichloroprop...	8.181	79	46656	4.298	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.000%	
46) 2-Hexanone-d5	8.637	63	166682	60.483	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.960%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	95713	4.735	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	108618	4.921	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.400%	
Target Compounds						
16) Methylene chloride	3.046	84	7851	0.431	ug/L	92
35) Methylcyclohexane	6.689	83	33304	1.272	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	14427	0.783	ug/L #	88
38) Bromodichloromethane	7.103	83	4746	0.205	ug/L	93
39) cis-1,3-Dichloropropene	7.566	75	3618	0.138	ug/L #	75
48) 2-Hexanone	8.695	43	17656	2.529	ug/L #	84
61) 1,2,3-Trichloropropane	11.811	75	14082	1.734	ug/L #	68

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

Quant Time: Nov 03 00:37:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 03 00:21:27 2023
Response via : Initial Calibration

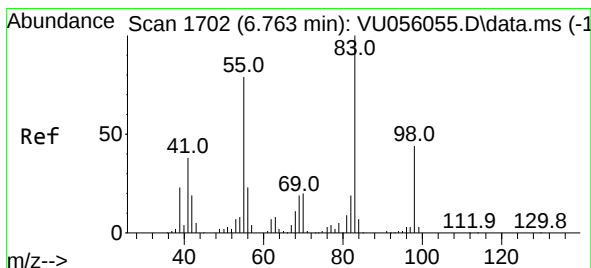
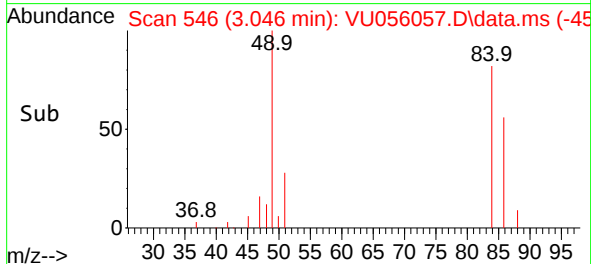
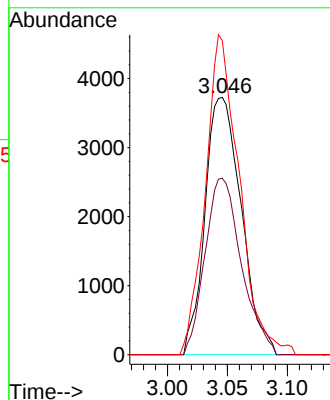
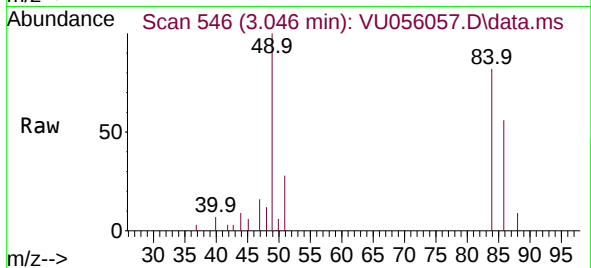




#16
Methylene chloride
Concen: 0.431 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU056057.D
Acq: 02 Nov 2023 11:45

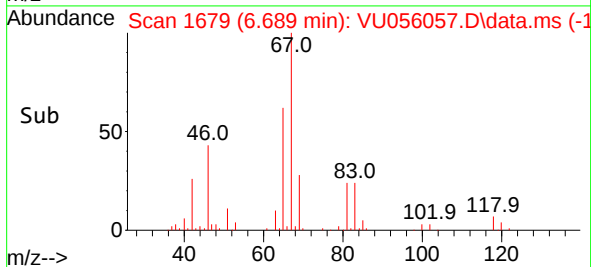
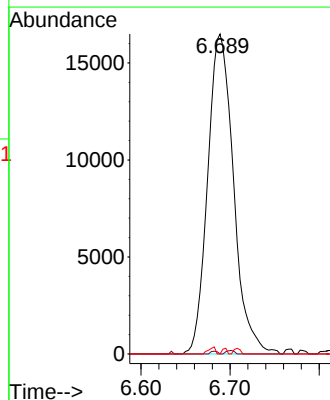
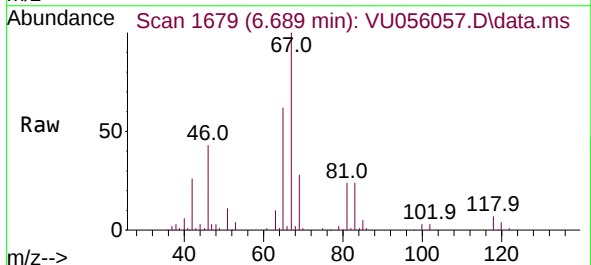
Instrument :
MSVOA_U
ClientSampleId :

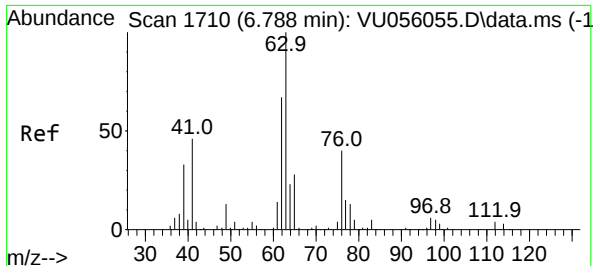
Tgt Ion: 84 Resp: 7851
Ion Ratio Lower Upper
84 100
86 68.6 45.2 84.0
49 122.1 78.8 146.3



#35
Methylcyclohexane
Concen: 1.272 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056057.D
Acq: 02 Nov 2023 11:45

Tgt Ion: 83 Resp: 33304
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 0.3 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.783 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056057.D

Acq: 02 Nov 2023 11:45

Instrument :

MSVOA_U

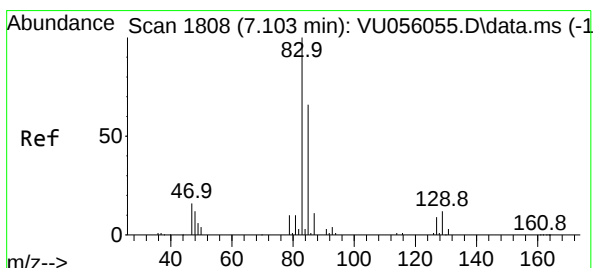
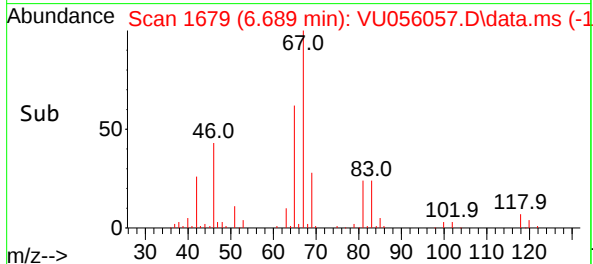
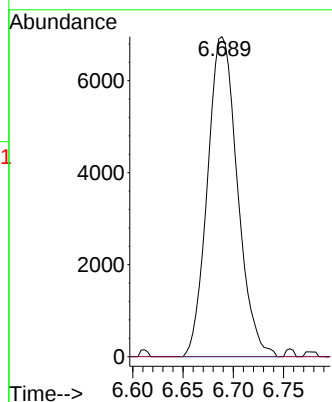
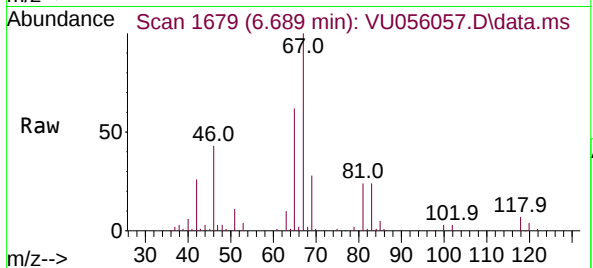
ClientSampleId :

Tgt Ion: 63 Resp: 14427

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#38

Bromodichloromethane

Concen: 0.205 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU056057.D

Acq: 02 Nov 2023 11:45

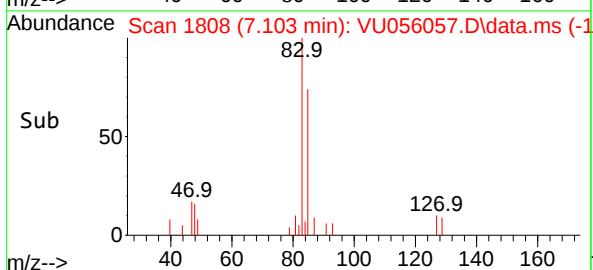
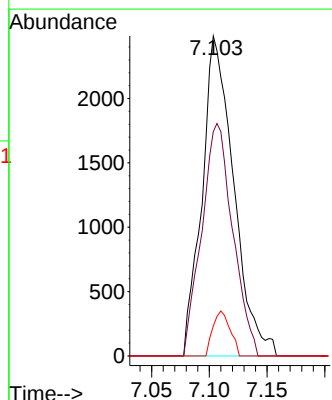
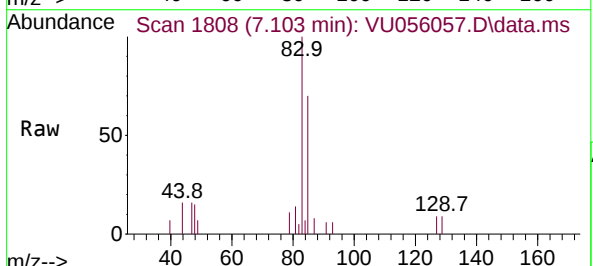
Tgt Ion: 83 Resp: 4746

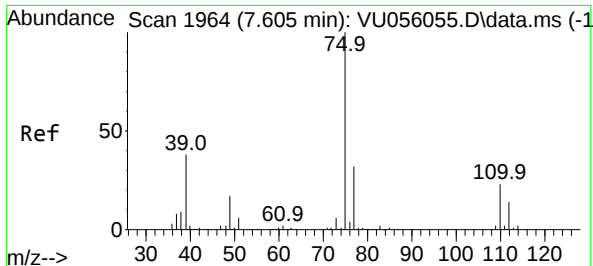
Ion Ratio Lower Upper

83 100

85 70.2 44.9 83.3

127 9.4 6.6 9.8

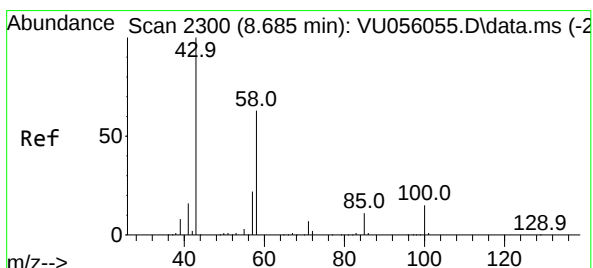
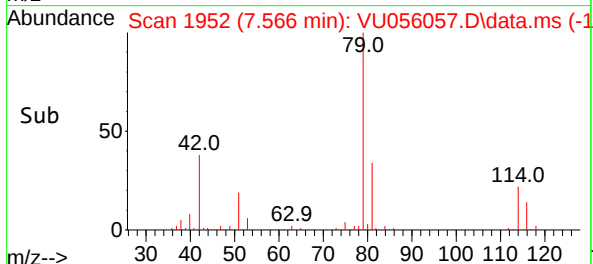
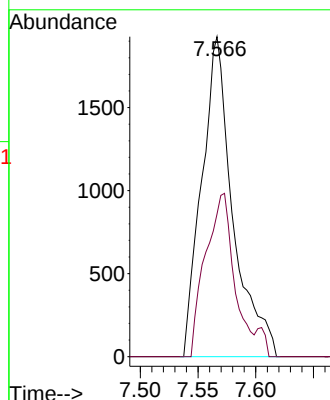
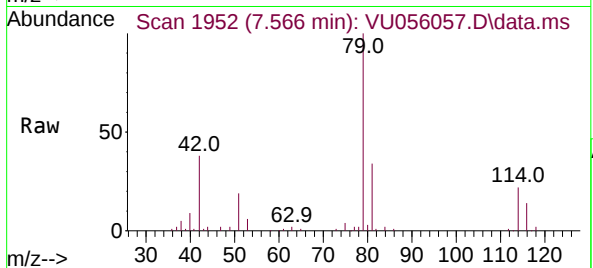




#39
cis-1,3-Dichloropropene
Concen: 0.138 ug/L
RT: 7.566 min Scan# 1964
Delta R.T. -0.039 min
Lab File: VU056057.D
Acq: 02 Nov 2023 11:45

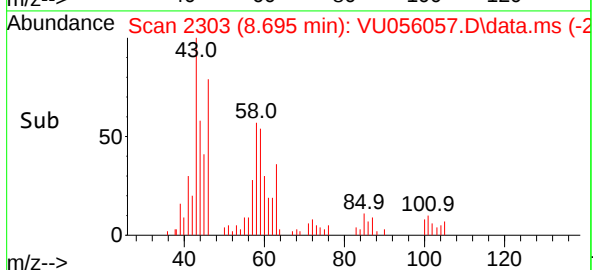
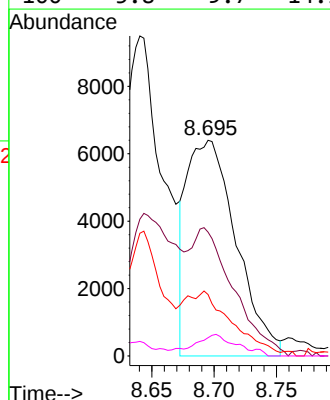
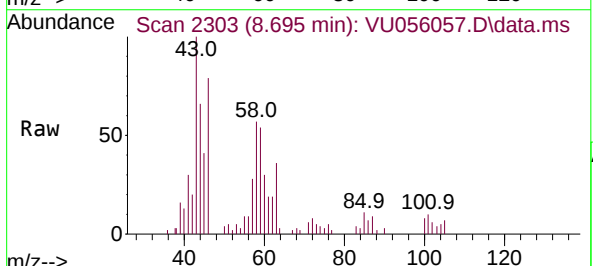
Instrument :
MSVOA_U
ClientSampleId :

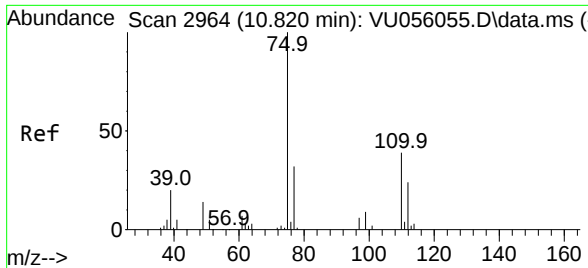
Tgt Ion: 75 Resp: 3618
Ion Ratio Lower Upper
75 100
77 44.5 21.7 40.3#



#48
2-Hexanone
Concen: 2.529 ug/L
RT: 8.695 min Scan# 2303
Delta R.T. 0.010 min
Lab File: VU056057.D
Acq: 02 Nov 2023 11:45

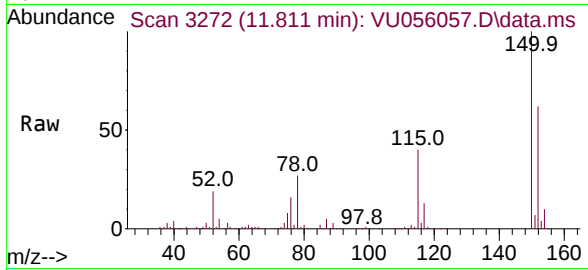
Tgt Ion: 43 Resp: 17656
Ion Ratio Lower Upper
43 100
58 49.1 49.5 74.3#
57 27.5 16.9 25.3#
100 5.8 9.7 14.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.734 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056057.D
 Acq: 02 Nov 2023 11:45

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	14082
Ion	Ratio	Lower	Upper
75	100		
110	2.6	29.0	43.6#
77	31.4	24.5	36.7

