

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110223\
 Data File : VU056058.D
 Acq On : 02 Nov 2023 12:09
 Operator : MD/SY
 Sample : 05052-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:38:15 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

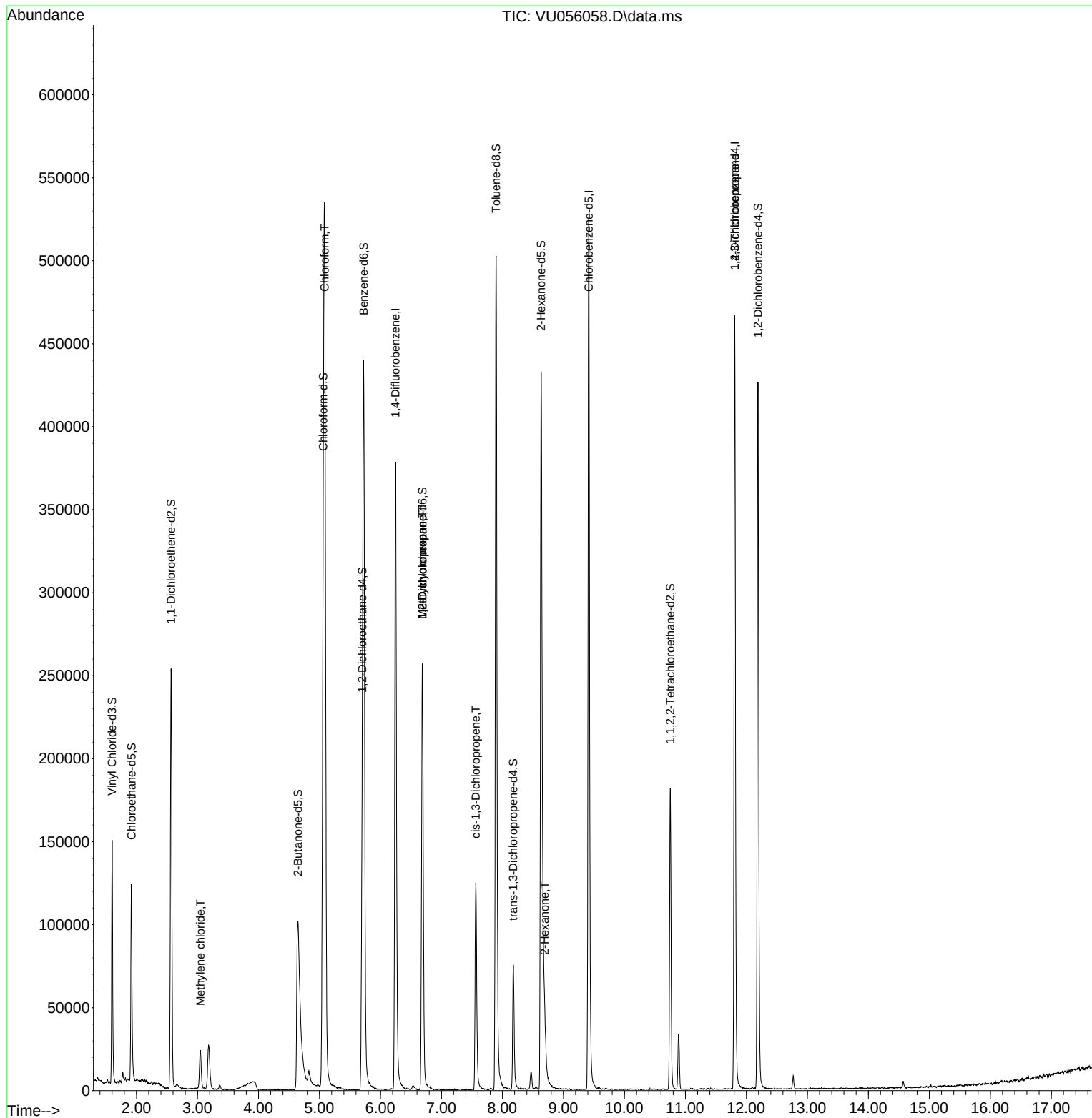
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	332938	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	324237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	134644	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	110758	4.205	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.200%	
7) Chloroethane-d5	1.917	69	92378	4.500	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.000%	
11) 1,1-Dichloroethene-d2	2.566	65	48798	4.364	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.200%	
20) 2-Butanone-d5	4.647	46	225976	48.095	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.200%	
24) Chloroform-d	5.062	84	237396	4.864	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.701	65	102767	4.322	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
32) Benzene-d6	5.724	84	440209	4.558	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.688	67	135011	4.715	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.894	98	368945	4.211	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	8.177	79	47626	4.253	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.634	63	161779	56.912	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	113.820%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	94151	4.515	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	118093	4.701	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.000%	
Target Compounds						
16) Methylene chloride	3.049	84	12114	0.663	ug/L	95
25) Chloroform	5.084	83	445381	12.786	ug/L	100
35) Methylcyclohexane	6.688	83	31847	1.179	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	13587	0.715	ug/L #	88
39) cis-1,3-Dichloropropene	7.563	75	3319	0.123	ug/L #	50
48) 2-Hexanone	8.692	43	23898	3.319	ug/L #	74
61) 1,2,3-Trichloropropane	11.810	75	15301	1.655	ug/L #	68

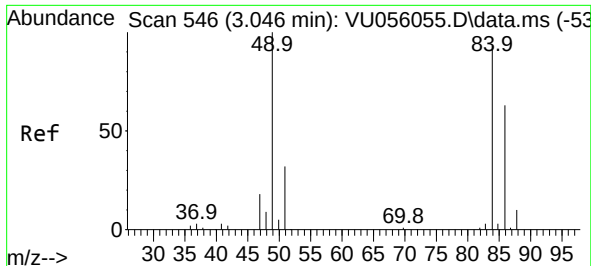
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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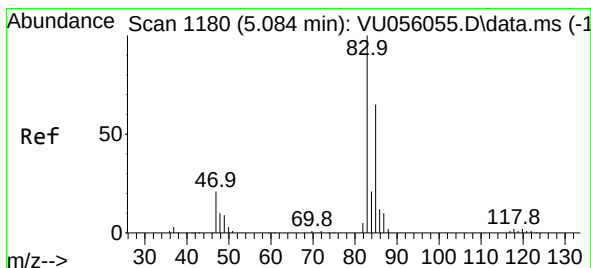
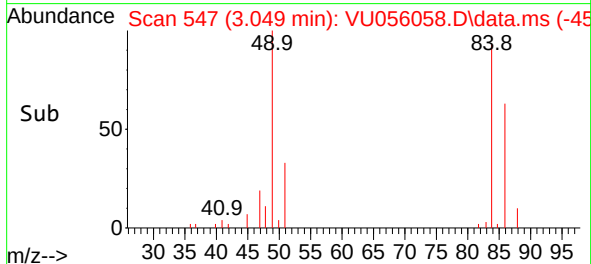
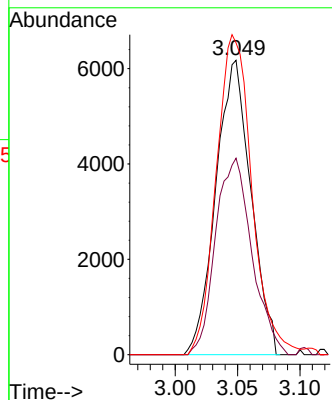
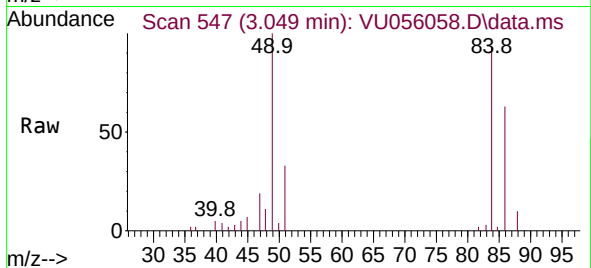




#16
Methylene chloride
Concen: 0.663 ug/L
RT: 3.049 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU056058.D
Acq: 02 Nov 2023 12:09

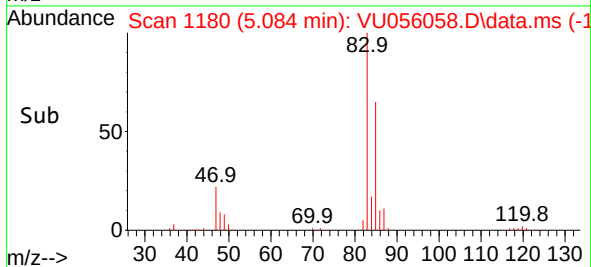
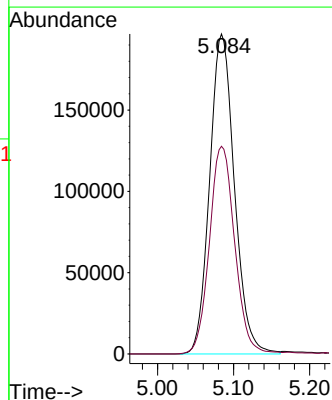
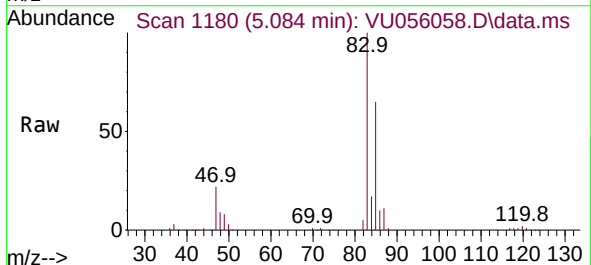
Instrument :
MSVOA_U
ClientSampleId :

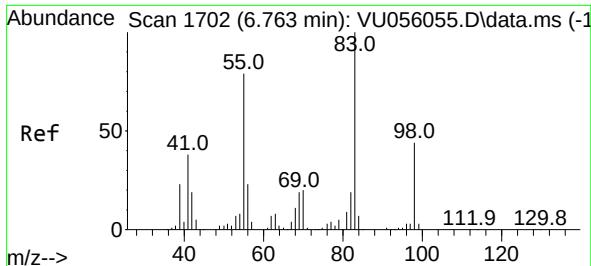
Tgt Ion: 84 Resp: 12114
Ion Ratio Lower Upper
84 100
86 66.7 45.2 84.0
49 105.9 78.8 146.3



#25
Chloroform
Concen: 12.786 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU056058.D
Acq: 02 Nov 2023 12:09

Tgt Ion: 83 Resp: 445381
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.8

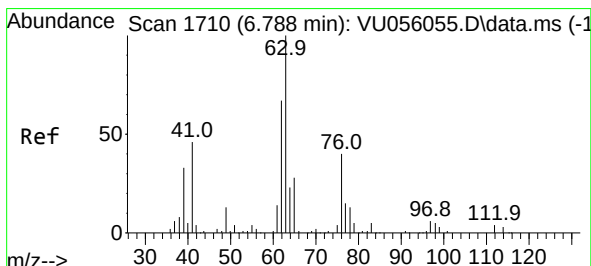
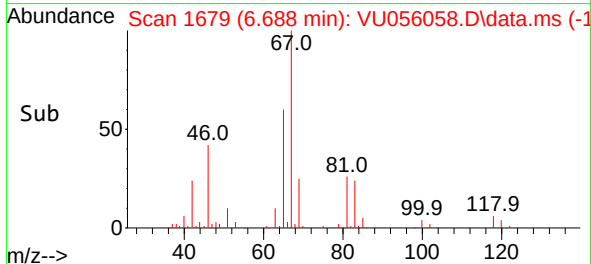
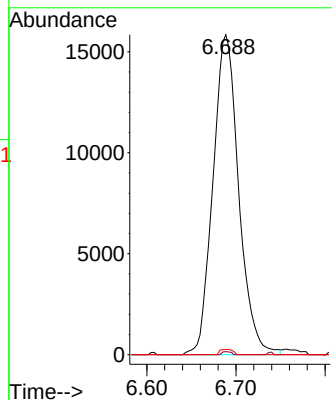
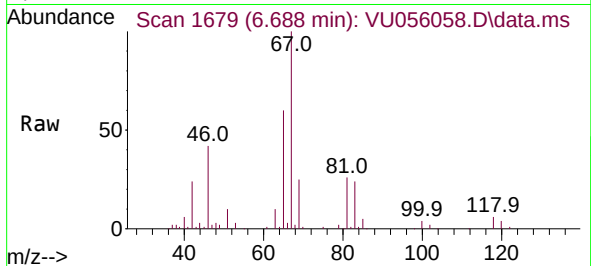




#35
Methylcyclohexane
Concen: 1.179 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056058.D
Acq: 02 Nov 2023 12:09

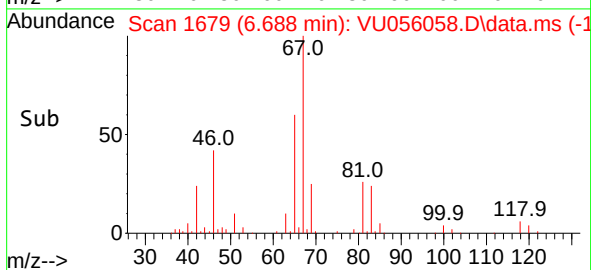
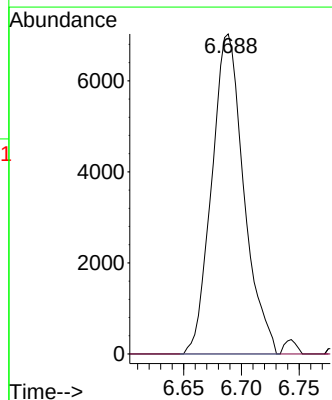
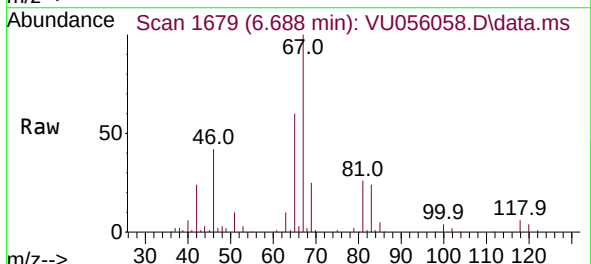
Instrument :
MSVOA_U
ClientSampleId :

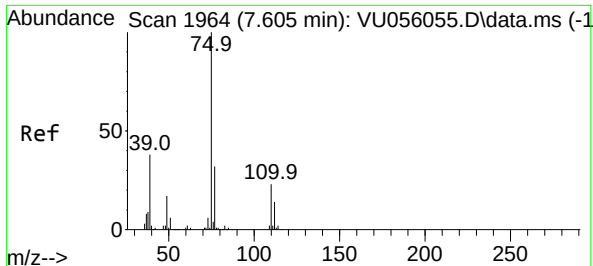
Tgt Ion: 83 Resp: 31847
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 0.8 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU056058.D
Acq: 02 Nov 2023 12:09

Tgt Ion: 63 Resp: 13587
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU056058.D

Acq: 02 Nov 2023 12:09

Instrument :

MSVOA_U

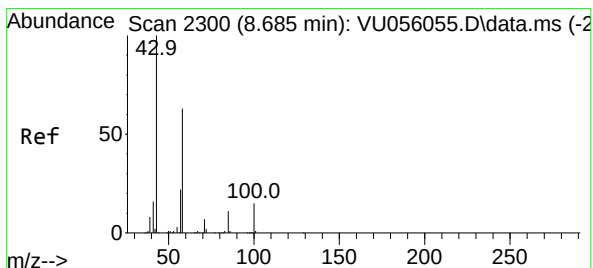
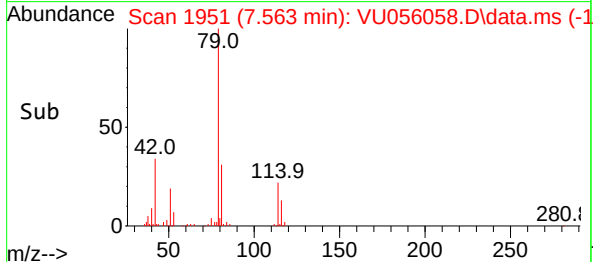
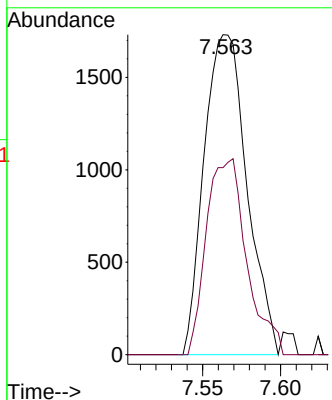
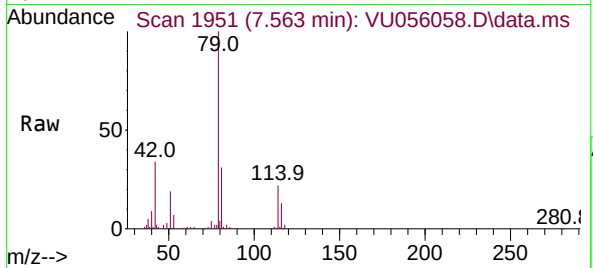
ClientSampleId :

Tgt Ion: 75 Resp: 3319

Ion Ratio Lower Upper

75 100

77 58.5 21.7 40.3#



#48

2-Hexanone

Concen: 3.319 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.006 min

Lab File: VU056058.D

Acq: 02 Nov 2023 12:09

Tgt Ion: 43 Resp: 23898

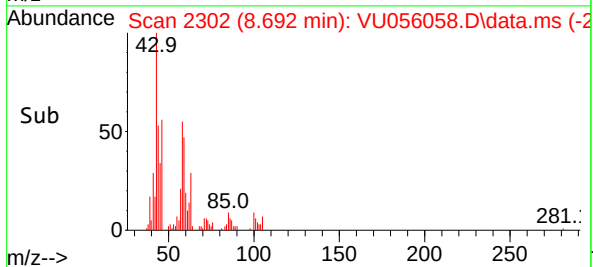
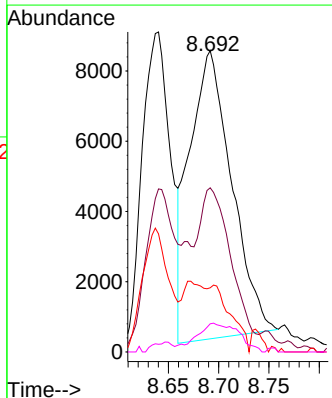
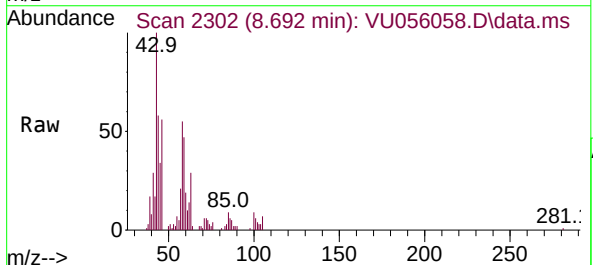
Ion Ratio Lower Upper

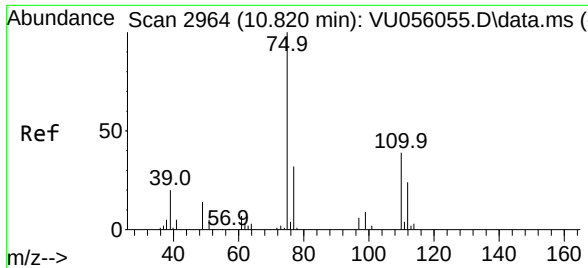
43 100

58 41.3 49.5 74.3#

57 4.0 16.9 25.3#

100 10.1 9.7 14.5





#61
1,2,3-Trichloropropane
Concen: 1.655 ug/L
RT: 11.810 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056058.D
Acq: 02 Nov 2023 12:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 15301
Ion Ratio Lower Upper
75 100
110 1.6 29.0 43.6#
77 31.3 24.5 36.7

