

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110223\
 Data File : VU056071.D
 Acq On : 02 Nov 2023 17:19
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:41:19 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)

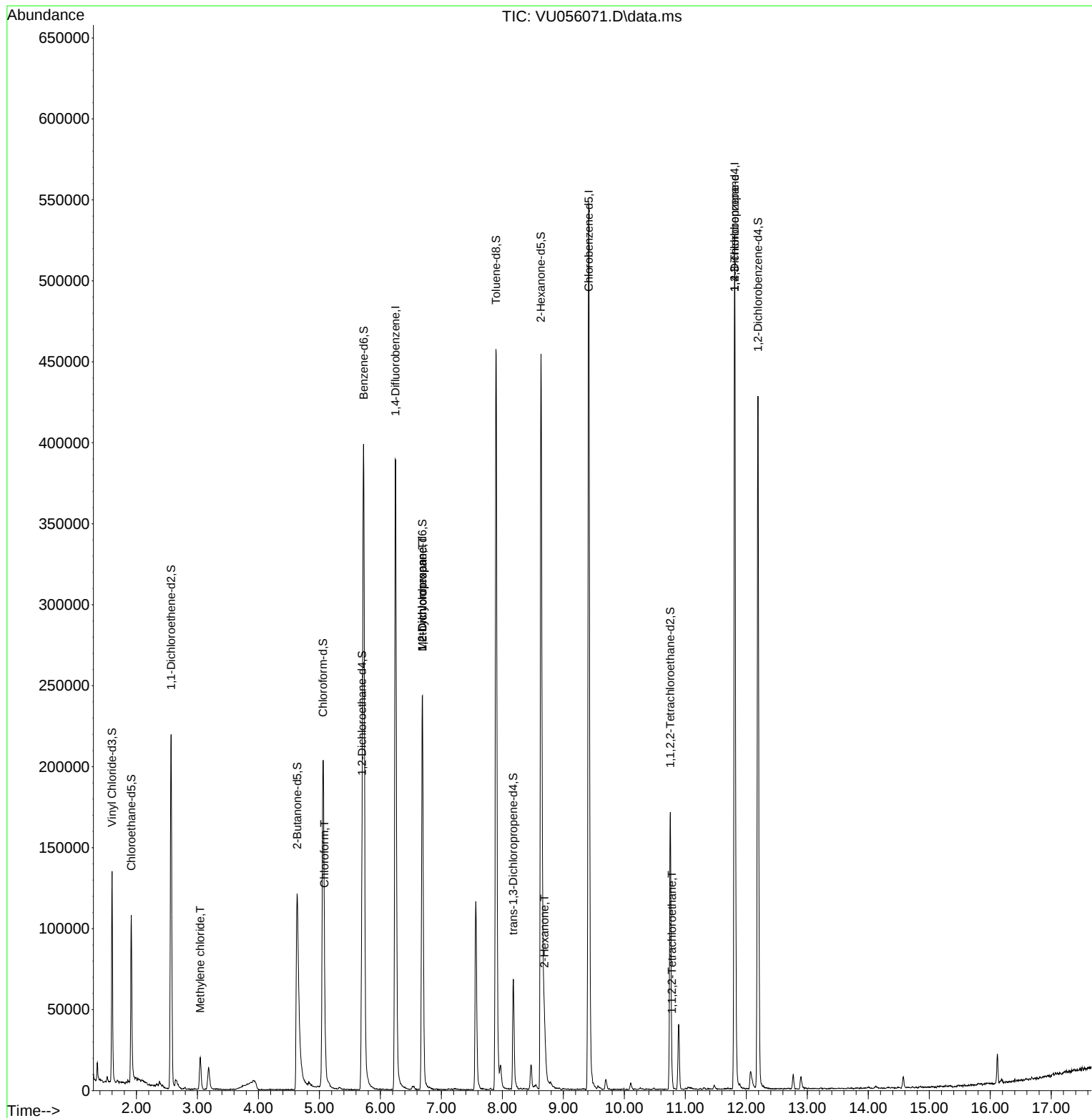
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	337767	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	338115	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	147951	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	95264	3.565	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.914	69	78201	3.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.567	65	41464	3.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.634	46	214495	44.999	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.000%
24) Chloroform-d	5.059	84	195832	3.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	5.698	65	93685	3.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
32) Benzene-d6	5.724	84	397553	3.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.689	67	125315	4.197	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.894	98	334309	3.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.177	79	43545	3.729	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.631	63	162539	54.833	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.660%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89588	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	117813	4.268	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	10483	0.565	ug/L	85
25) Chloroform	5.081	83	19793	0.560	ug/L	98
35) Methylcyclohexane	6.689	83	29650	1.052	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	13183	0.665	ug/L #	89
48) 2-Hexanone	8.689	43	20308	2.704	ug/L #	87
57) 1,1,2,2-Tetrachloroethane	10.779	83	2210	0.137	ug/L	89
61) 1,2,3-Trichloropropane	11.807	75	16819	1.656	ug/L #	64

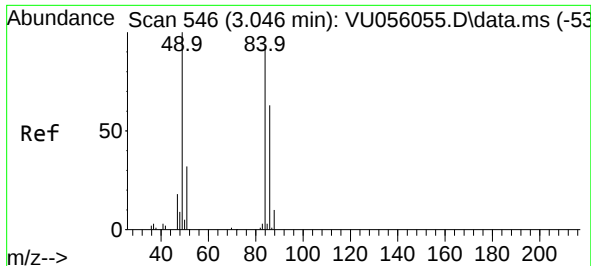
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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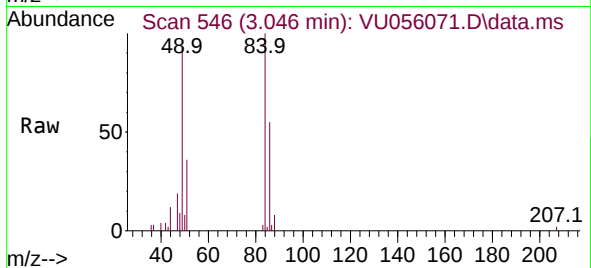
Quant Time: Nov 03 00:41:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
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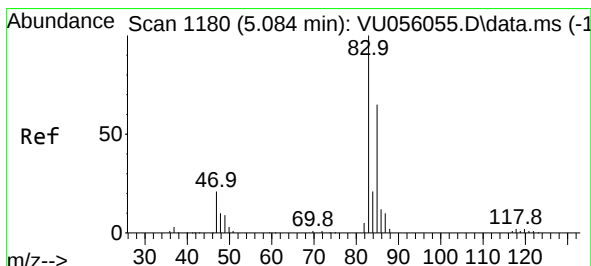
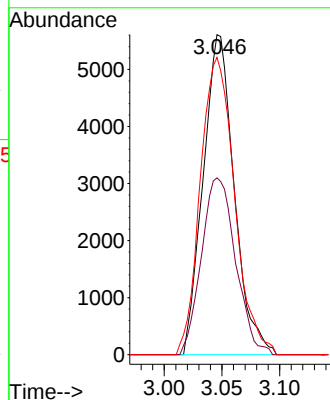
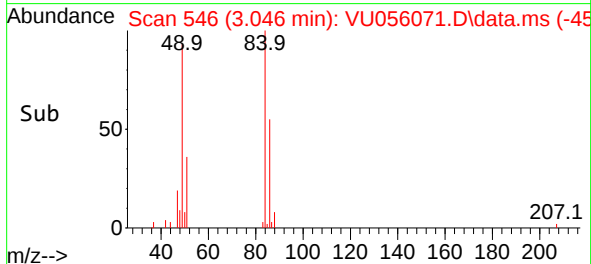


#16
Methylene chloride
Concen: 0.565 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.000 min
Lab File: VU056071.D
Acq: 02 Nov 2023 17:19

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MSVOA_U
ClientSampleId :

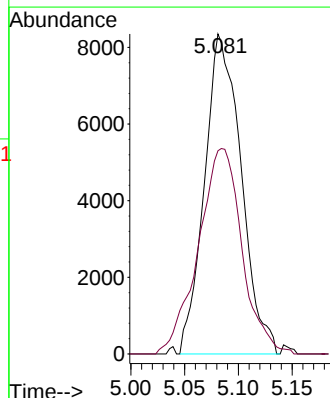
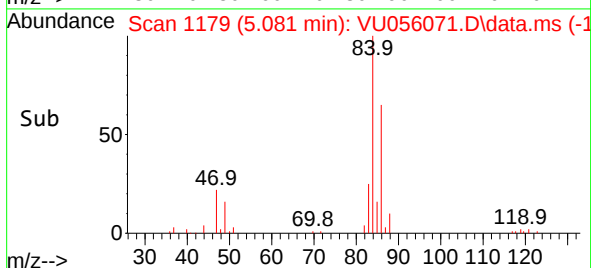
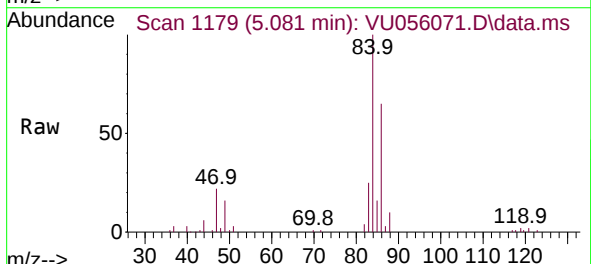


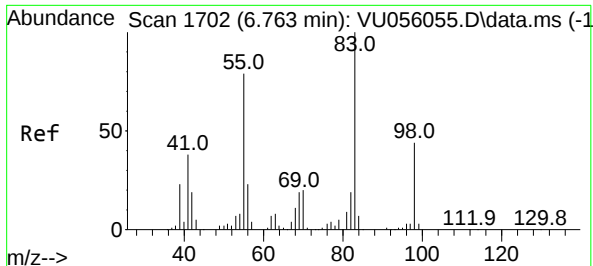
Tgt Ion: 84 Resp: 10483
Ion Ratio Lower Upper
84 100
86 58.2 45.2 84.0
49 92.9 78.8 146.3



#25
Chloroform
Concen: 0.560 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU056071.D
Acq: 02 Nov 2023 17:19

Tgt Ion: 83 Resp: 19793
Ion Ratio Lower Upper
83 100
85 63.5 45.6 84.8

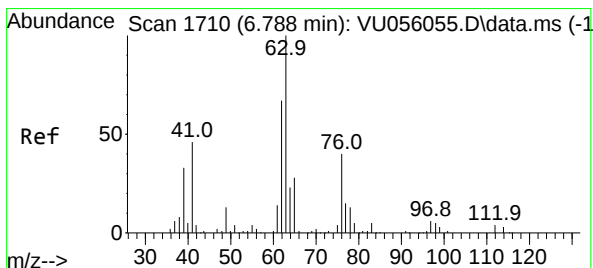
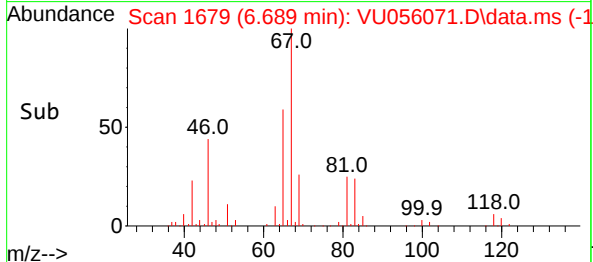
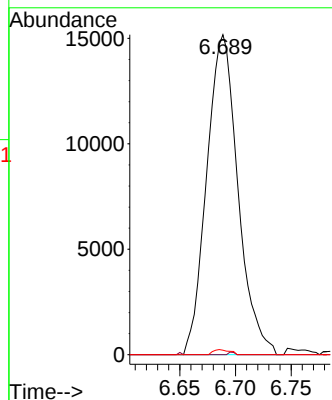
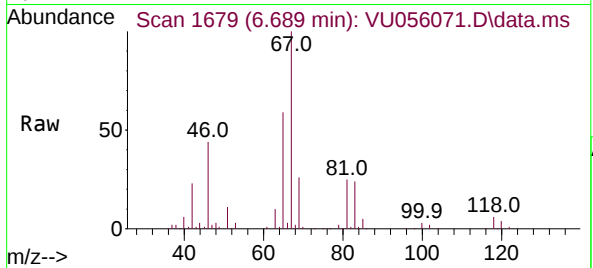




#35
Methylcyclohexane
Concen: 1.052 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056071.D
Acq: 02 Nov 2023 17:19

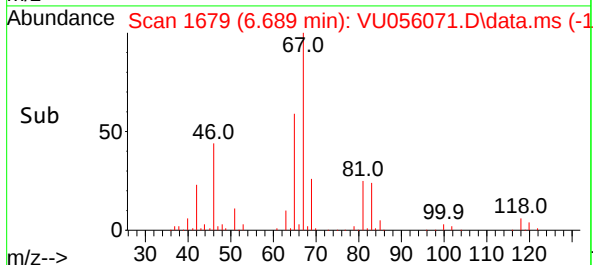
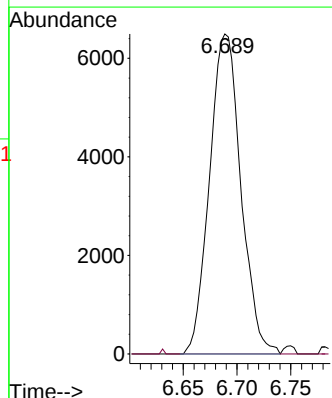
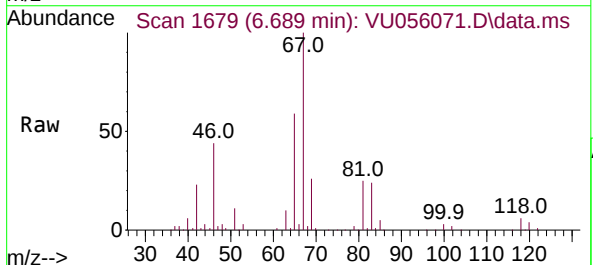
Instrument :
MSVOA_U
ClientSampleId :

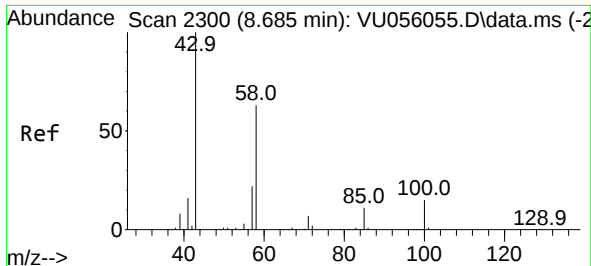
Tgt Ion: 83 Resp: 29650
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 0.8 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.665 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU056071.D
Acq: 02 Nov 2023 17:19

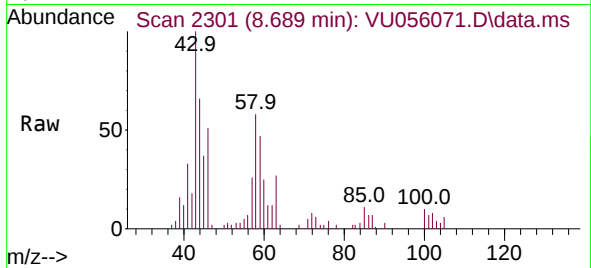
Tgt Ion: 63 Resp: 13183
Ion Ratio Lower Upper
63 100
112 0.1 3.1 4.7#



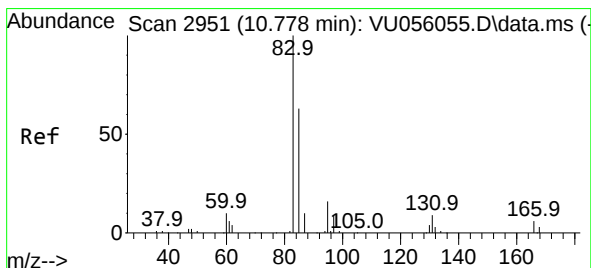
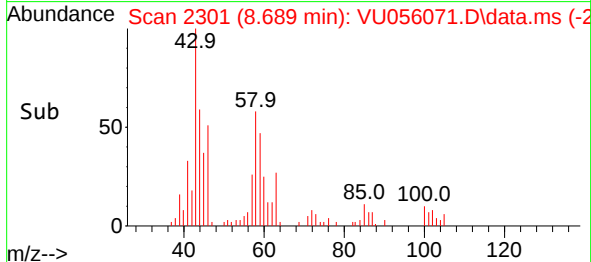
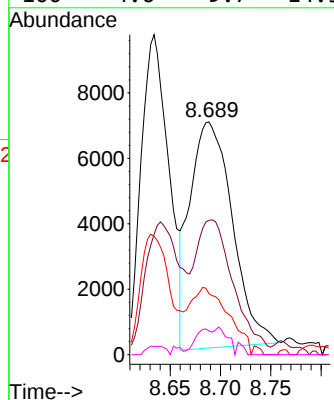


#48
2-Hexanone
Concen: 2.704 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056071.D
Acq: 02 Nov 2023 17:19

Instrument :
MSVOA_U
ClientSampleId :

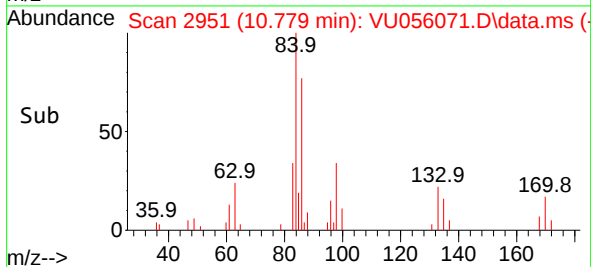
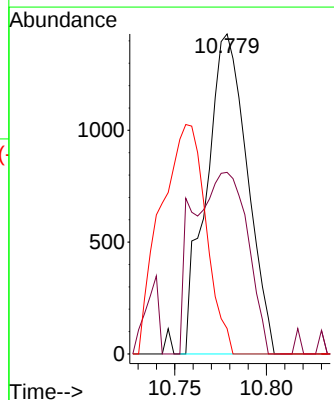
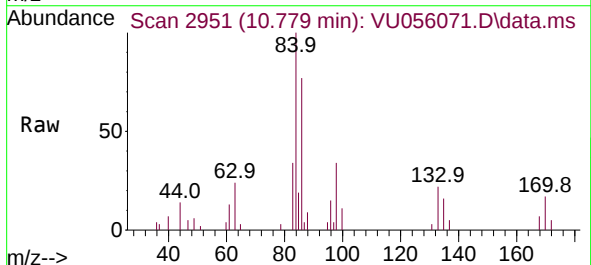


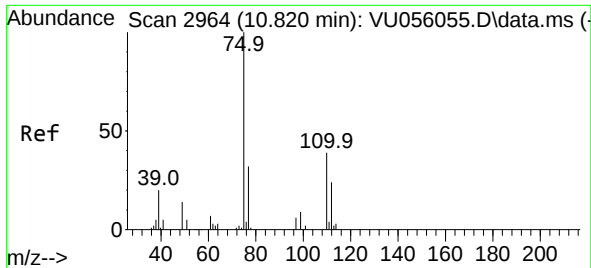
Tgt Ion: 43 Resp: 20308
Ion Ratio Lower Upper
43 100
58 52.8 49.5 74.3
57 27.5 16.9 25.3#
100 4.6 9.7 14.5#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.137 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU056071.D
Acq: 02 Nov 2023 17:19

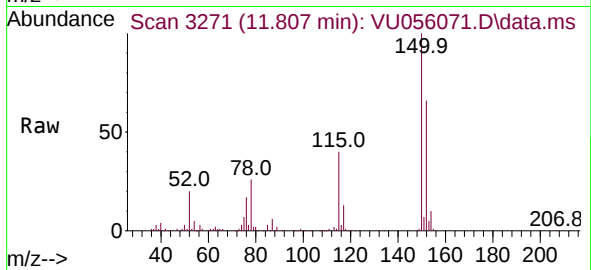
Tgt Ion: 83 Resp: 2210
Ion Ratio Lower Upper
83 100
85 56.7 46.2 85.8
131 8.0 7.2 10.8





#61
 1,2,3-Trichloropropane
 Concen: 1.656 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056071.D
 Acq: 02 Nov 2023 17:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16819
 Ion Ratio Lower Upper
 75 100
 110 0.4 29.0 43.6#
 77 33.9 24.5 36.7

