

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056045.D
 Acq On : 01 Nov 2023 17:30
 Operator : MD/SY
 Sample : 05113-03DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:11:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 02:08:05 2023
 Response via : Initial Calibration

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

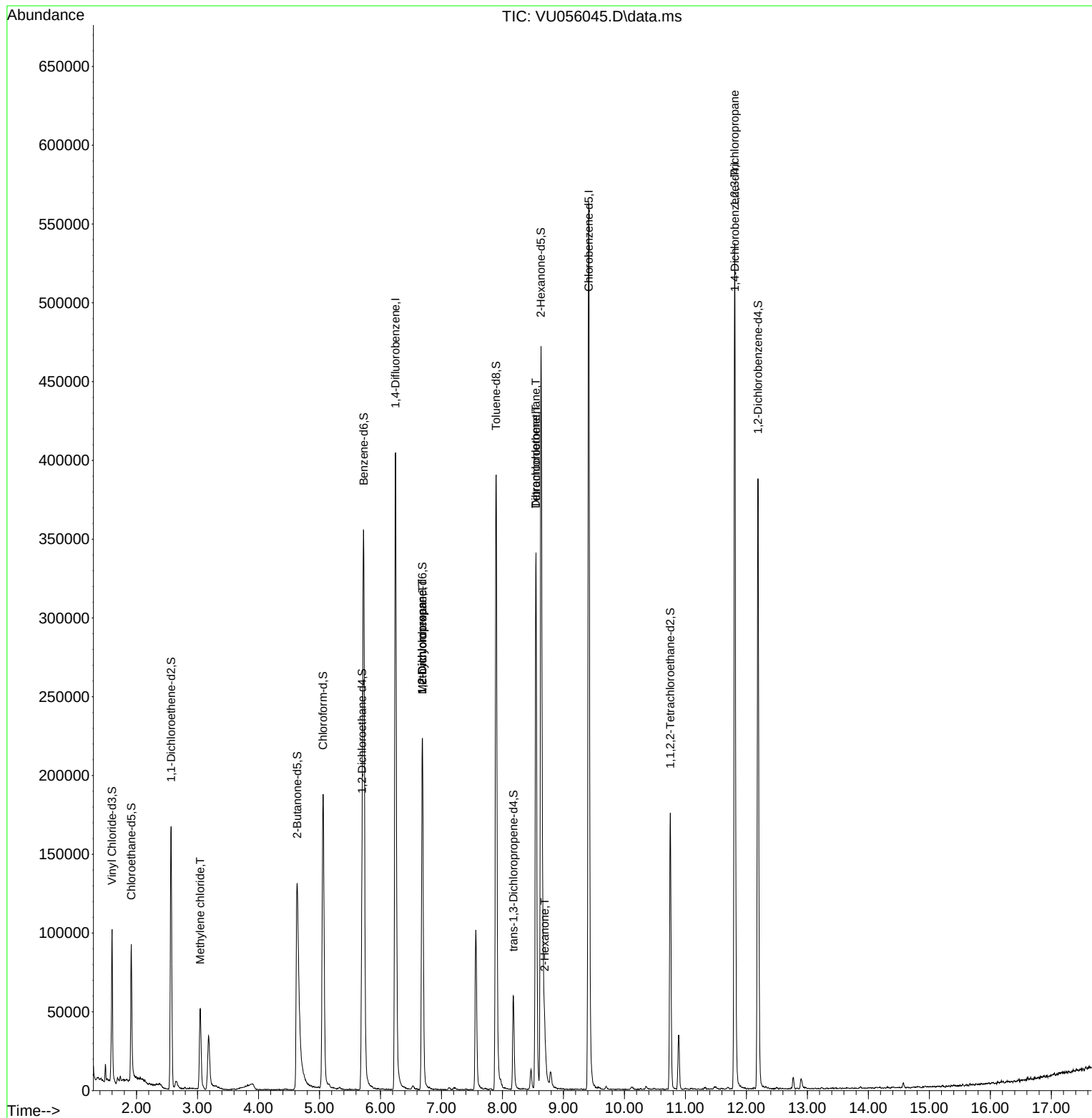
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	353839	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	344128	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	151217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	69057	2.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.400%
7) Chloroethane-d5	1.914	69	67243	3.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.600%#
11) 1,1-Dichloroethene-d2	2.566	65	32166	2.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.200%#
20) 2-Butanone-d5	4.634	46	231209	46.302	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.600%
24) Chloroform-d	5.058	84	190617	3.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
26) 1,2-Dichloroethane-d4	5.698	65	91802	3.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
32) Benzene-d6	5.724	84	359245	3.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.000%
36) 1,2-Dichloropropane-d6	6.688	67	117010	3.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.000%
41) Toluene-d8	7.897	98	289727	3.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.400%#
43) trans-1,3-Dichloroprop...	8.180	79	39211	3.299	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.630	63	170296	56.446	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.900%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	92840	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	107932	3.826	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.600%#
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	27166	1.398	ug/L	97
35) Methylcyclohexane	6.688	83	27768	0.968	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12017	0.596	ug/L #	89
47) Tetrachloroethene	8.550	164	78539	5.279	ug/L	97
48) 2-Hexanone	8.692	43	19548	2.558	ug/L	88
49) Dibromochloromethane	8.550	129	78418	5.038	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	17252	1.662	ug/L #	66

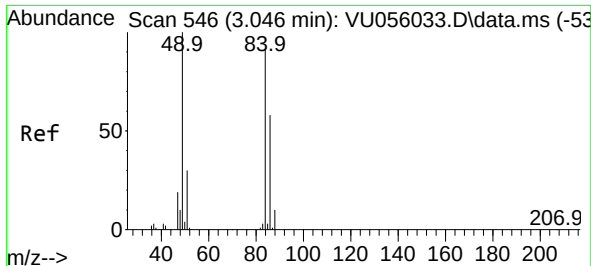
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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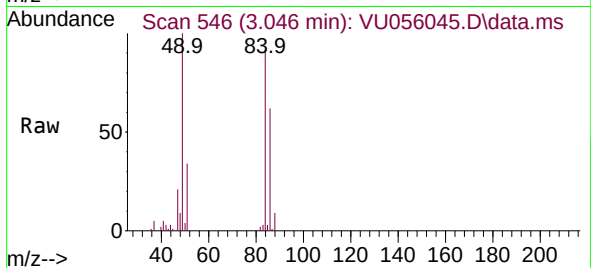
Quant Time: Nov 02 02:11:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 02 02:08:05 2023
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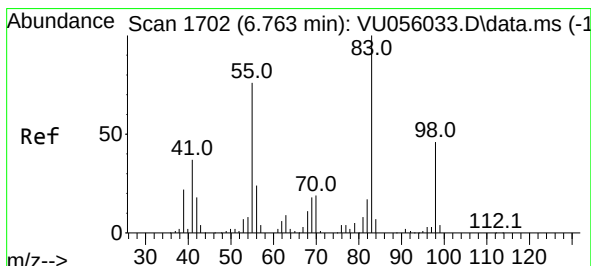
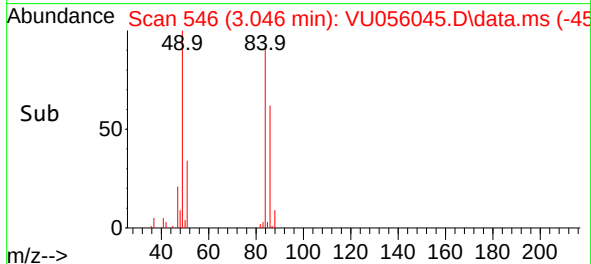
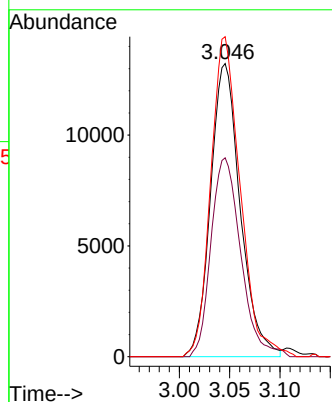


#16
Methylene chloride
Concen: 1.398 ug/L
RT: 3.046 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU056045.D
Acq: 01 Nov 2023 17:30

Instrument :
MSVOA_U
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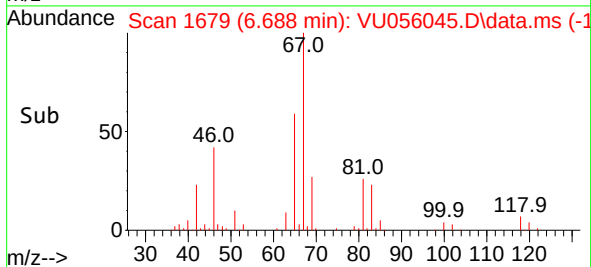
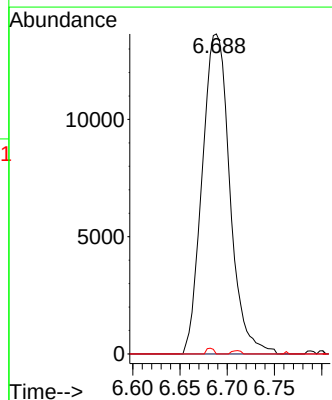
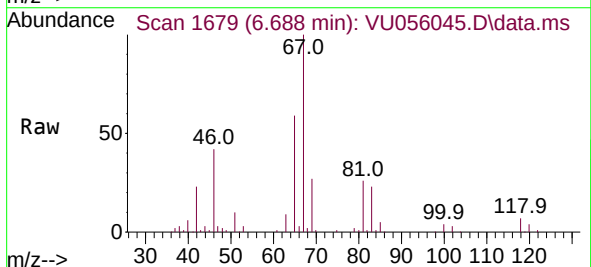


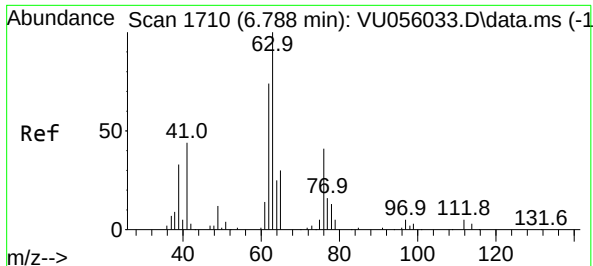
Tgt Ion: 84 Resp: 27166
Ion Ratio Lower Upper
84 100
86 67.9 45.2 84.0
49 109.2 78.8 146.3



#35
Methylcyclohexane
Concen: 0.968 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056045.D
Acq: 01 Nov 2023 17:30

Tgt Ion: 83 Resp: 27768
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 0.5 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056045.D

Acq: 01 Nov 2023 17:30

Instrument :

MSVOA_U

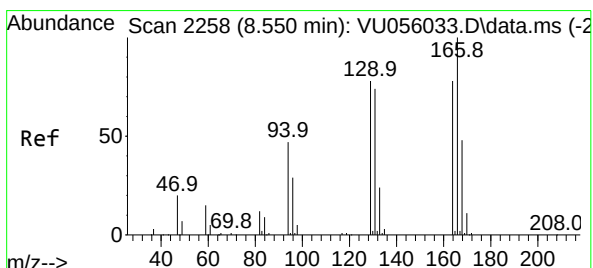
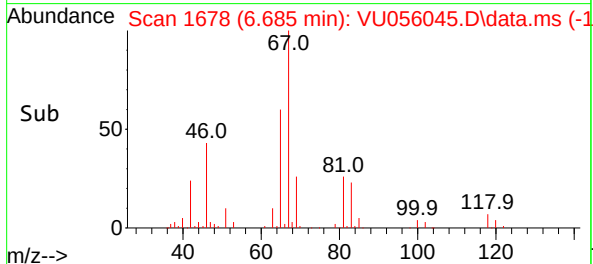
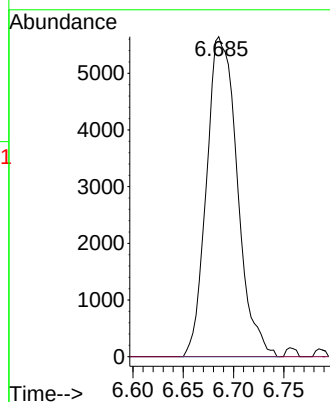
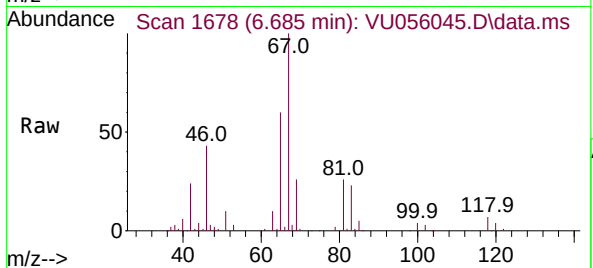
ClientSampleId :

Tgt Ion: 63 Resp: 12017

Ion Ratio Lower Upper

63 100

112 0.4 3.1 4.7#



#47

Tetrachloroethene

Concen: 5.279 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056045.D

Acq: 01 Nov 2023 17:30

Tgt Ion:164 Resp: 78539

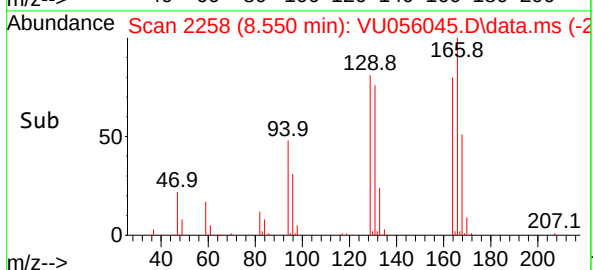
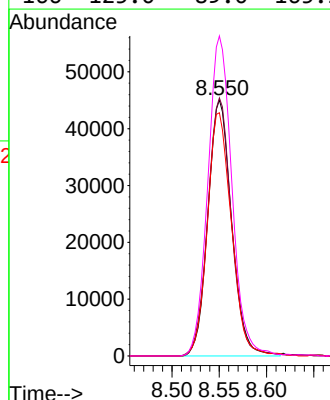
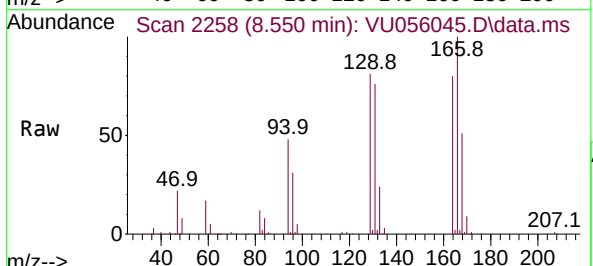
Ion Ratio Lower Upper

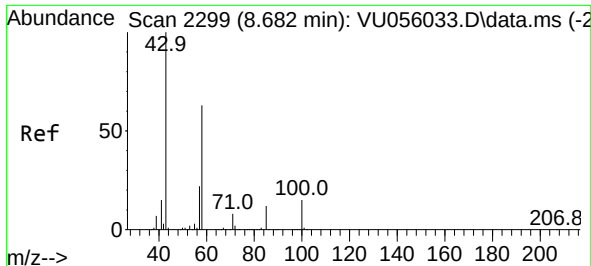
164 100

129 100.8 72.2 134.0

131 95.0 70.8 131.6

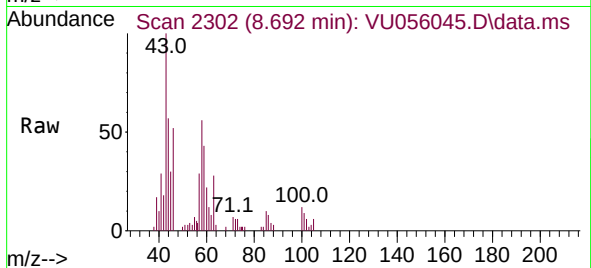
166 125.0 89.0 165.2



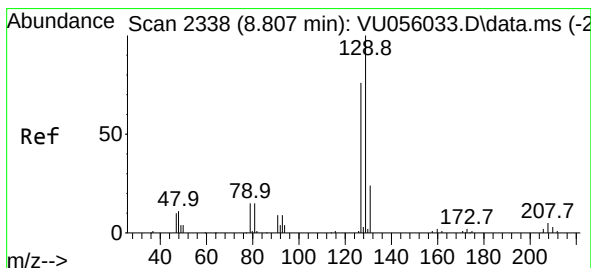
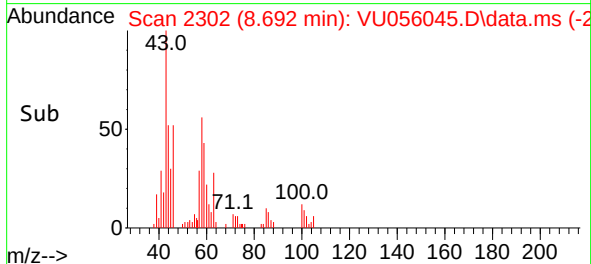
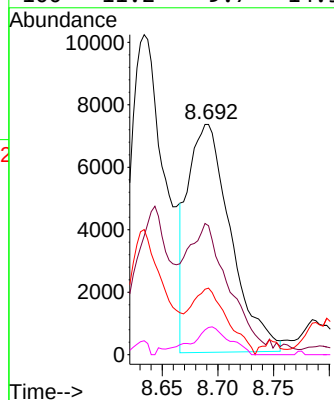


#48
2-Hexanone
Concen: 2.558 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056045.D
Acq: 01 Nov 2023 17:30

Instrument :
MSVOA_U
ClientSampleId :

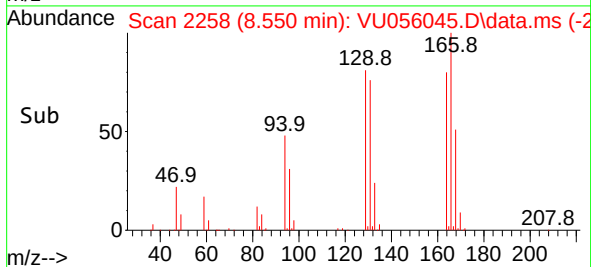
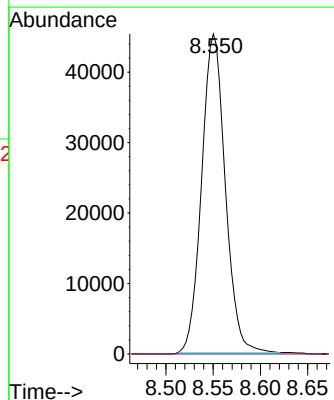
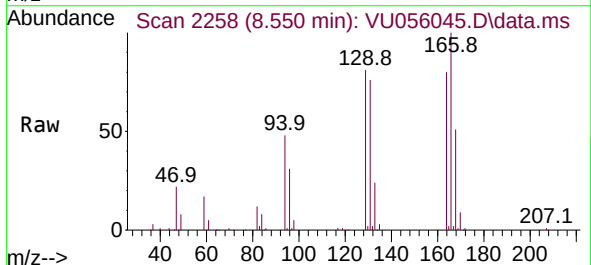


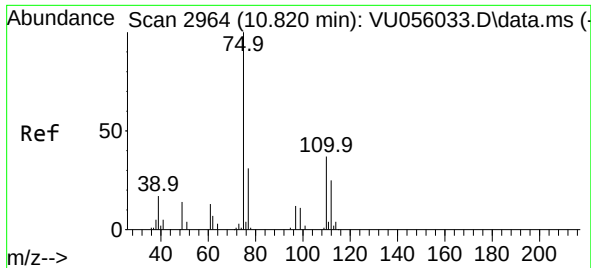
Tgt Ion: 43	Resp: 19548
Ion Ratio	Lower Upper
43 100	
58 50.2	49.5 74.3
57 24.6	16.9 25.3
100 11.2	9.7 14.5



#49
Dibromochloromethane
Concen: 5.038 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU056045.D
Acq: 01 Nov 2023 17:30

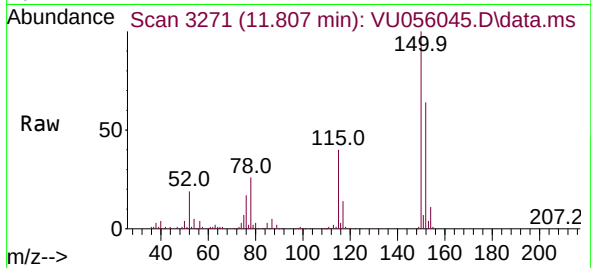
Tgt Ion:129	Resp: 78418		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.5	99.5#	





#61
 1,2,3-Trichloropropane
 Concen: 1.662 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056045.D
 Acq: 01 Nov 2023 17:30

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 17252
 Ion Ratio Lower Upper
 75 100
 110 2.6 29.0 43.6#
 77 34.3 24.5 36.7

