

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056036.D
 Acq On : 01 Nov 2023 13:04
 Operator : MD/SY
 Sample : 05114-02DL 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:09:08 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)

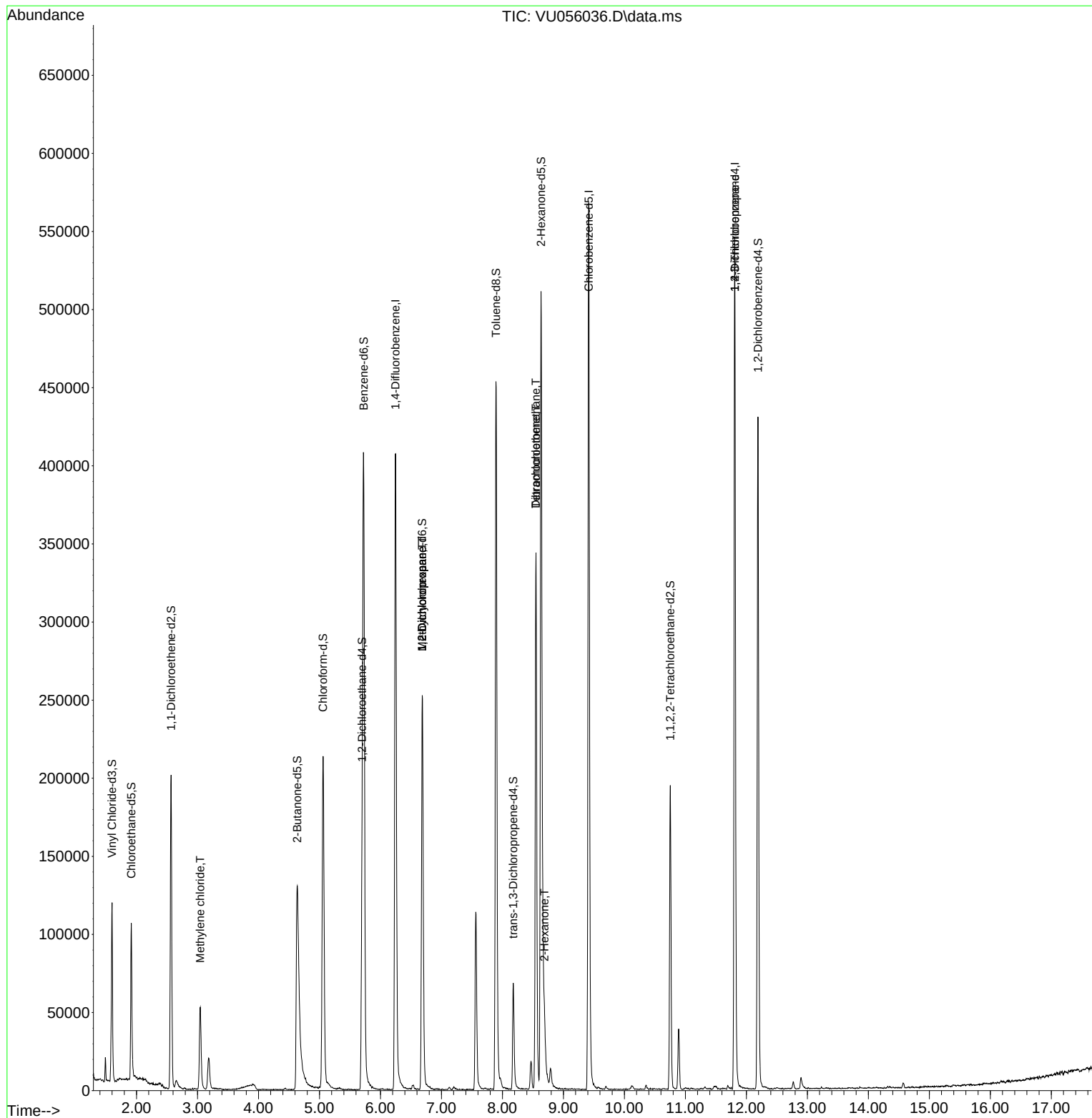
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	362073	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	348586	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	154787	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	81569	2.848	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.000%
7) Chloroethane-d5	1.914	69	81077	3.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.567	65	37603	3.092	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	4.634	46	241553	47.274	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.540%
24) Chloroform-d	5.058	84	209701	3.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
26) 1,2-Dichloroethane-d4	5.698	65	102663	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	5.724	84	402888	3.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.685	67	130463	4.238	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.894	98	330892	3.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	8.177	79	43092	3.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.634	63	186214	60.932	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.860%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	100185	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	119615	4.142	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	29407	1.479	ug/L	97
35) Methylcyclohexane	6.685	83	31440	1.083	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13140	0.643	ug/L #	91
47) Tetrachloroethene	8.550	164	79294	5.262	ug/L	95
48) 2-Hexanone	8.688	43	20052	2.590	ug/L #	82
49) Dibromochloromethane	8.550	129	77426	4.911	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	17145	1.613	ug/L #	68

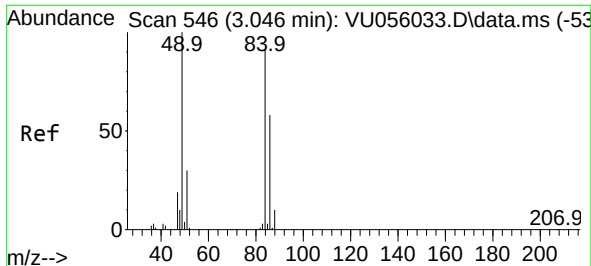
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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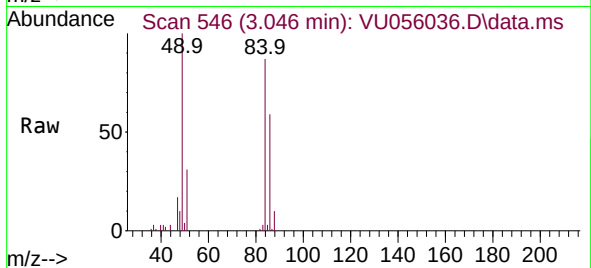
Quant Time: Nov 02 02:09:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
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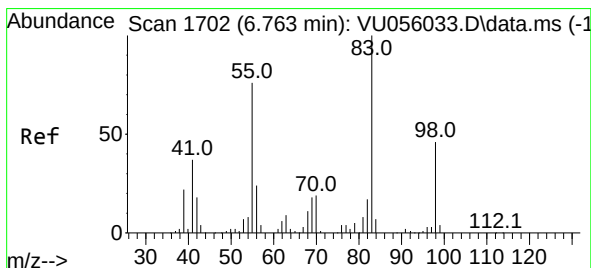
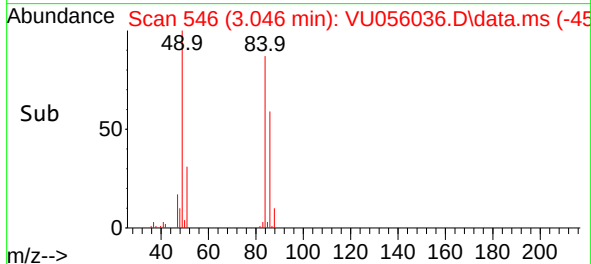
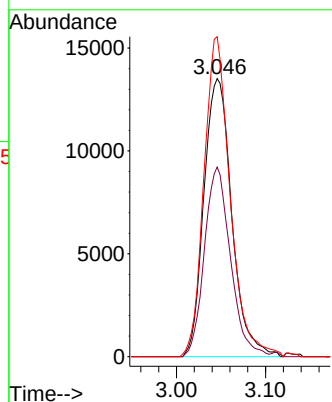


#16
Methylene chloride
Concen: 1.479 ug/L
RT: 3.046 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU056036.D
Acq: 01 Nov 2023 13:04

Instrument :
MSVOA_U
ClientSampleId :

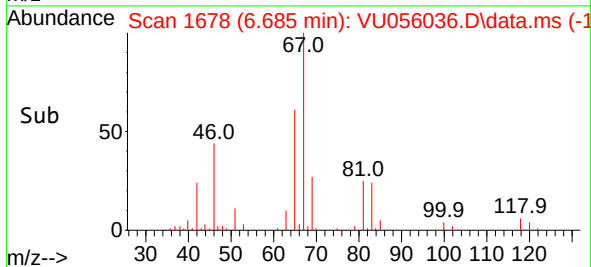
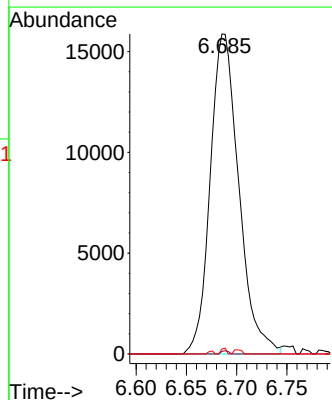
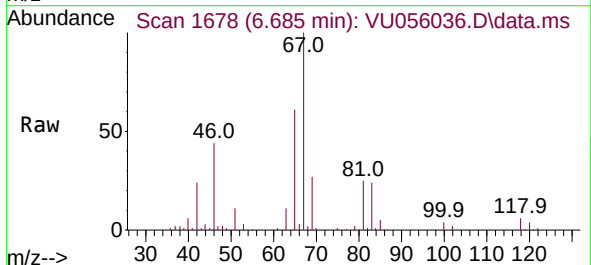


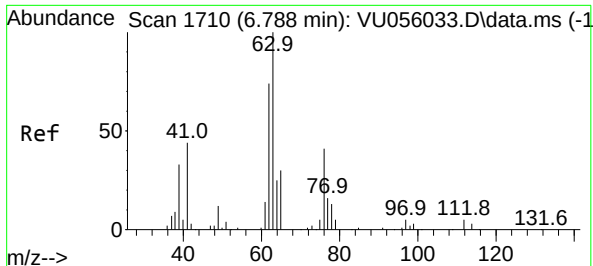
Tgt Ion: 84 Resp: 29407
Ion Ratio Lower Upper
84 100
86 68.2 45.2 84.0
49 115.1 78.8 146.3



#35
Methylcyclohexane
Concen: 1.083 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.077 min
Lab File: VU056036.D
Acq: 01 Nov 2023 13:04

Tgt Ion: 83 Resp: 31440
Ion Ratio Lower Upper
83 100
55 0.2 62.4 93.6#
98 0.3 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.643 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056036.D

Acq: 01 Nov 2023 13:04

Instrument :

MSVOA_U

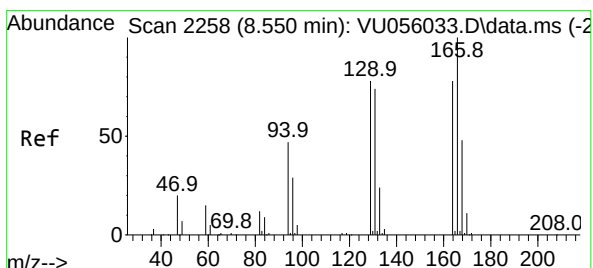
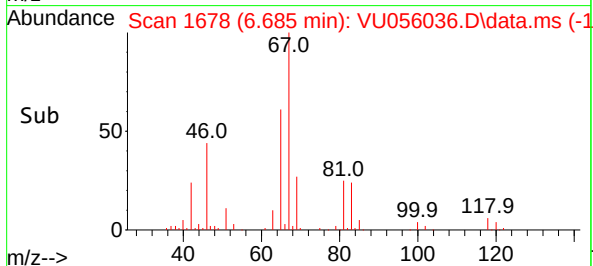
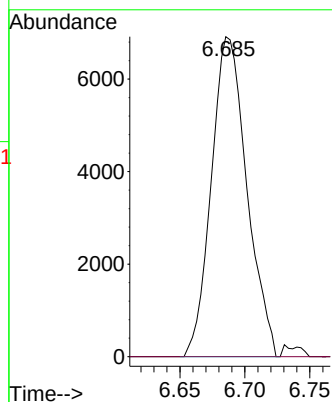
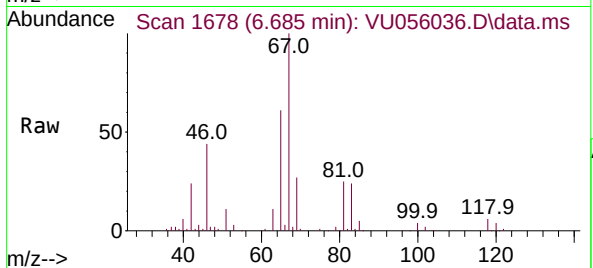
ClientSampleId :

Tgt Ion: 63 Resp: 13140

Ion Ratio Lower Upper

63 100

112 1.0 3.1 4.7#



#47

Tetrachloroethene

Concen: 5.262 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056036.D

Acq: 01 Nov 2023 13:04

Tgt Ion:164 Resp: 79294

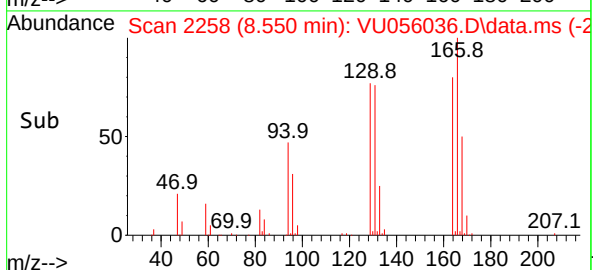
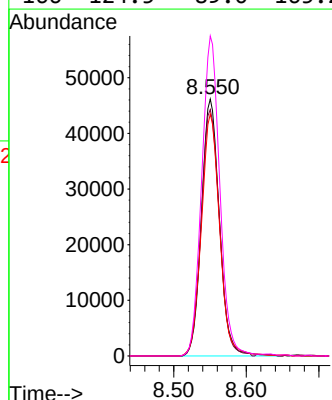
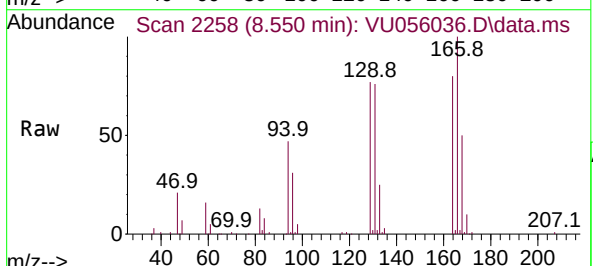
Ion Ratio Lower Upper

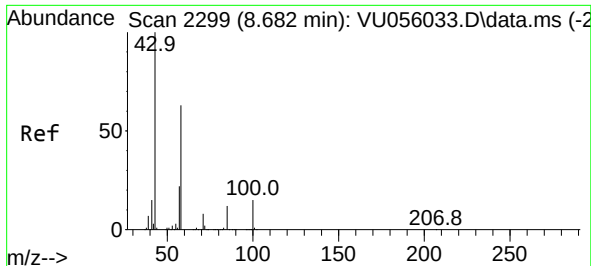
164 100

129 95.9 72.2 134.0

131 94.1 70.8 131.6

166 124.5 89.0 165.2

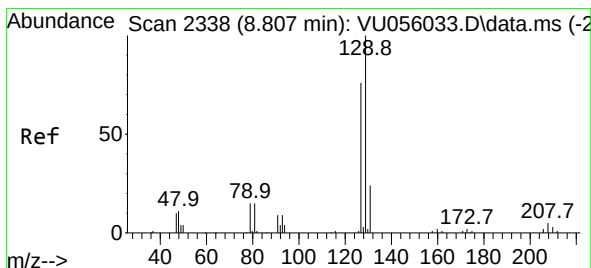
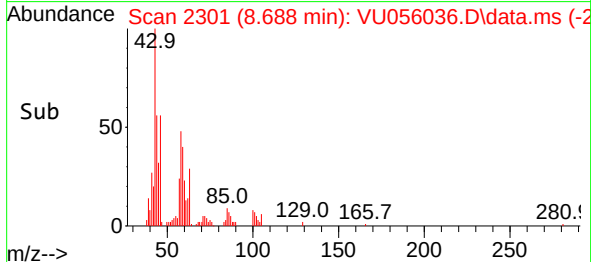
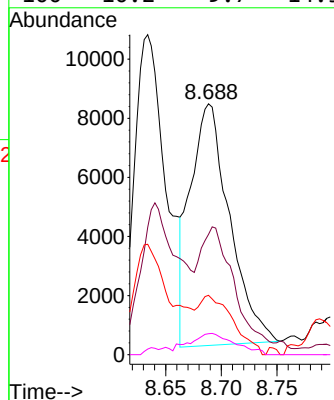
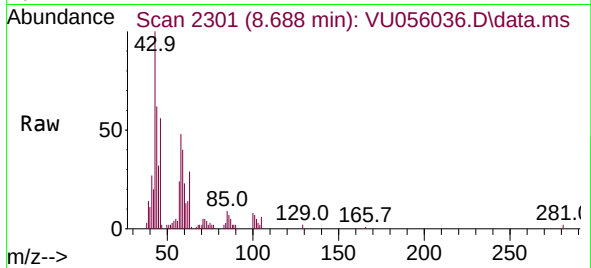




#48
2-Hexanone
Concen: 2.590 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056036.D
Acq: 01 Nov 2023 13:04

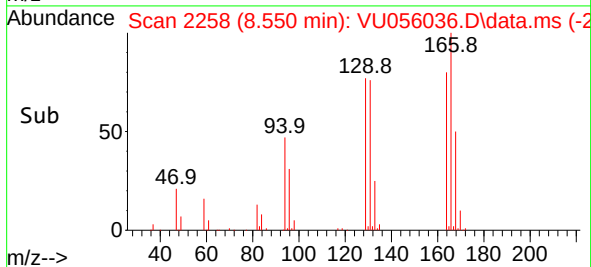
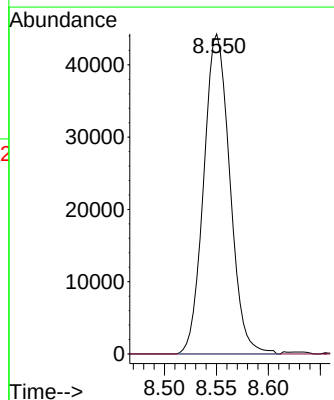
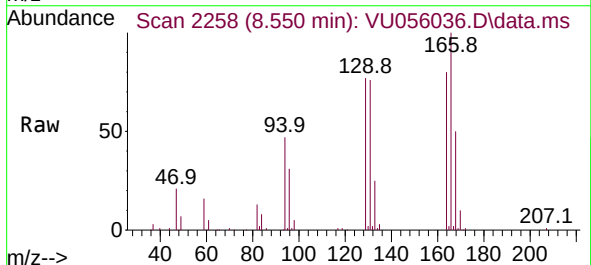
Instrument :
MSVOA_U
ClientSampleId :

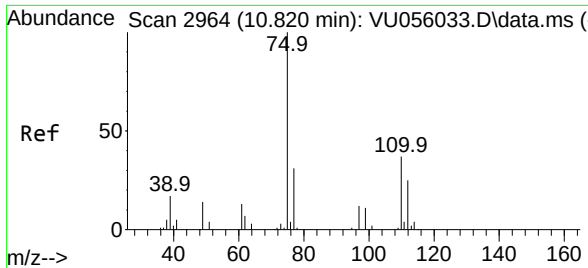
Tgt Ion: 43 Resp: 20052
Ion Ratio Lower Upper
43 100
58 41.2 49.5 74.3#
57 21.4 16.9 25.3
100 10.2 9.7 14.5



#49
Dibromochloromethane
Concen: 4.911 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU056036.D
Acq: 01 Nov 2023 13:04

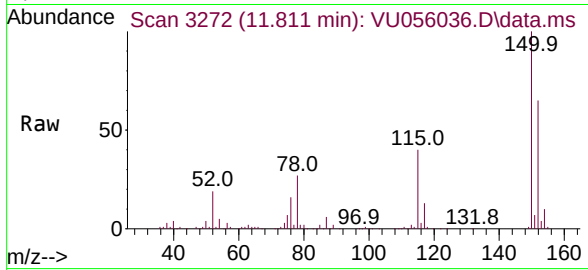
Tgt Ion: 129 Resp: 77426
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.613 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056036.D
 Acq: 01 Nov 2023 13:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	17145
Ion	Ratio	Lower	Upper
75	100		
110	2.9	29.0	43.6#
77	32.4	24.5	36.7

