

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056035.D
 Acq On : 01 Nov 2023 12:40
 Operator : MD/SY
 Sample : 05114-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:08:55 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)

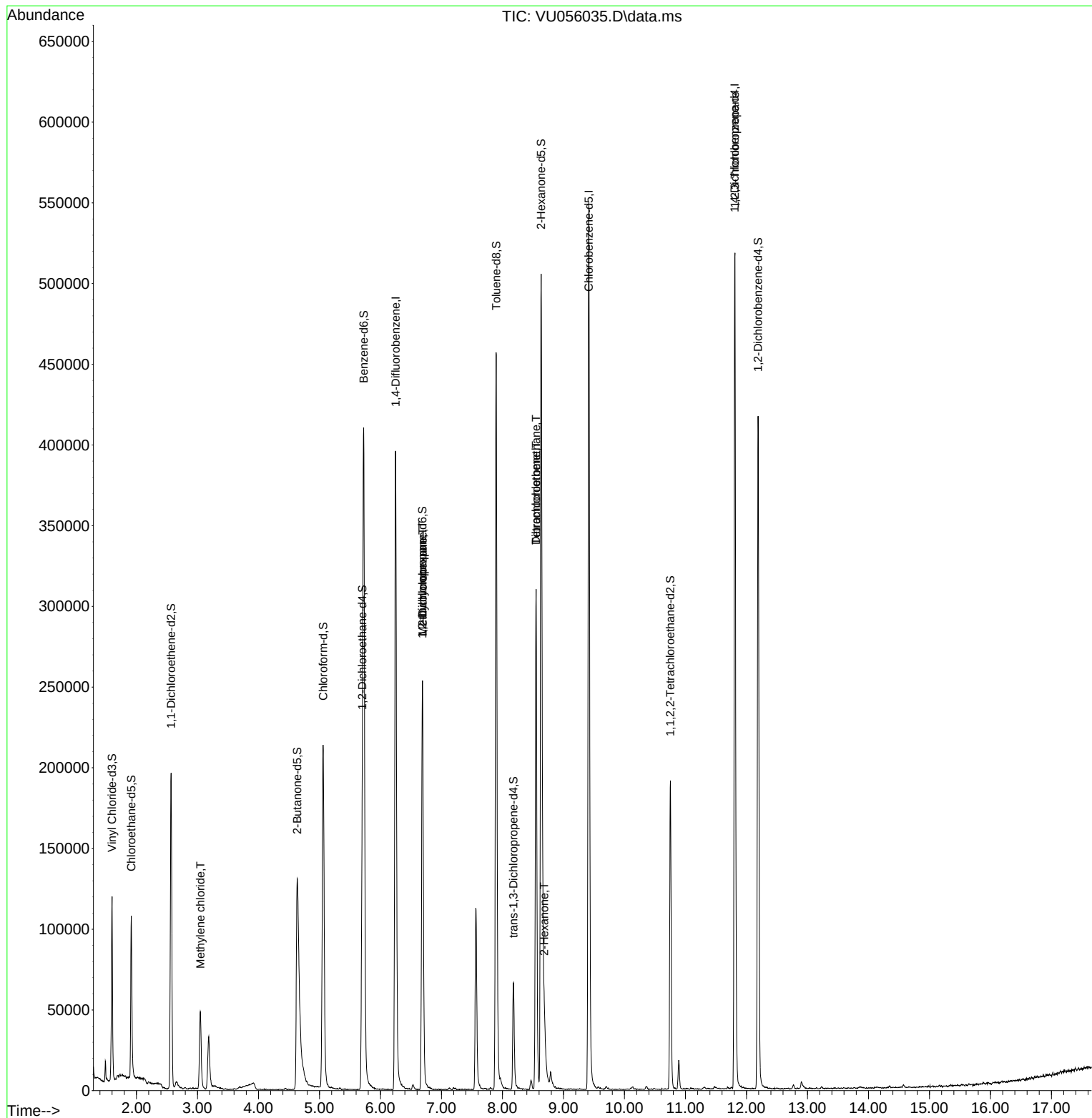
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	340614	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	336583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	147699	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	79549	2.952	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.914	69	78856	3.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.567	65	37089	3.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.634	46	240790	50.093	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.180%
24) Chloroform-d	5.058	84	206622	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.702	65	101089	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.724	84	402788	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.685	67	129768	4.366	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.898	98	329211	3.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.181	79	42332	3.642	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.634	63	181213	61.411	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97800	4.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	119113	4.322	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.049	84	26752	1.430	ug/L	89
35) Methylcyclohexane	6.689	83	30092	1.073	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	13879	0.704	ug/L #	89
47) Tetrachloroethene	8.550	164	71172	4.891	ug/L	96
48) 2-Hexanone	8.685	43	16798	2.247	ug/L	91
49) Dibromochloromethane	8.550	129	71775	4.715	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	17599	1.736	ug/L #	69

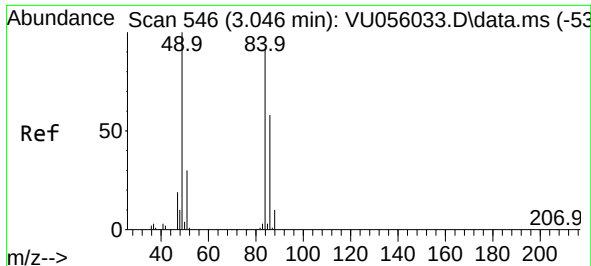
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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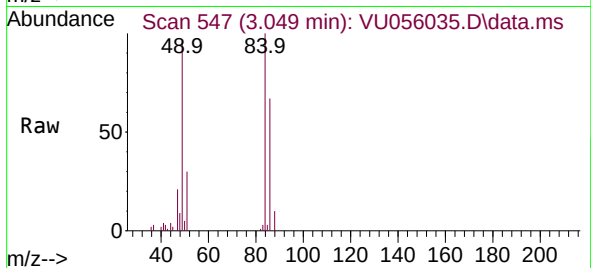
Quant Time: Nov 02 02:08:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
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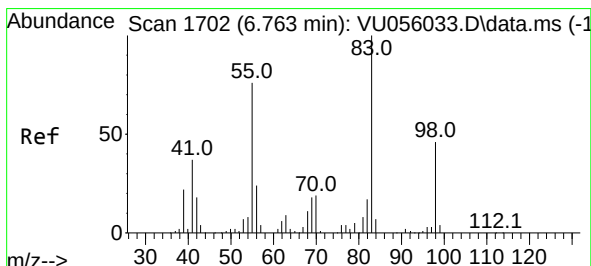
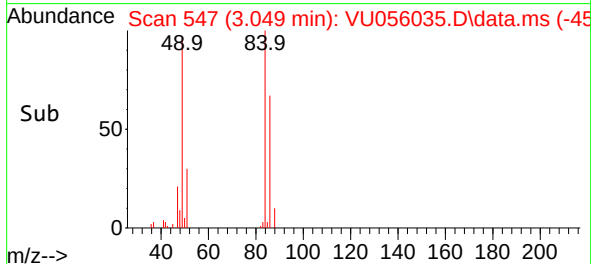
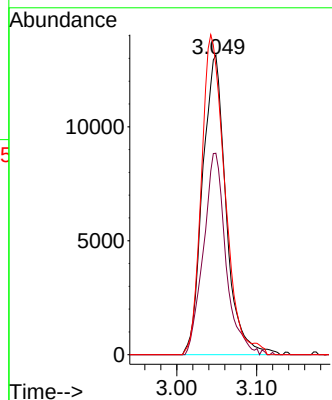


#16
Methylene chloride
Concen: 1.430 ug/L
RT: 3.049 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056035.D
Acq: 01 Nov 2023 12:40

Instrument :
MSVOA_U
ClientSampleId :

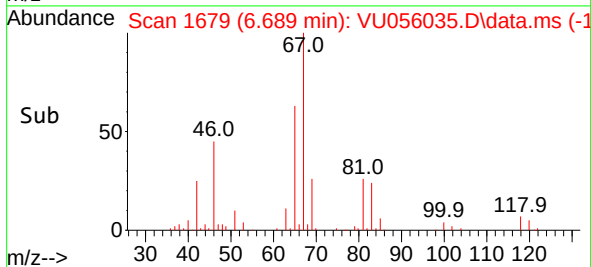
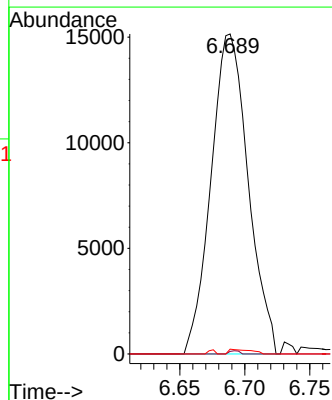
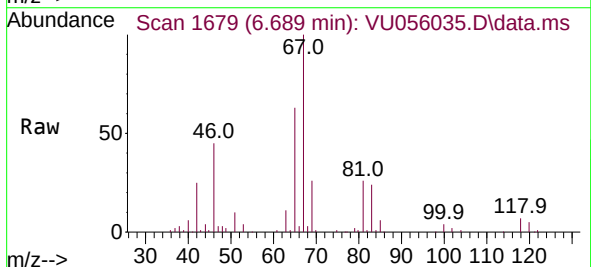


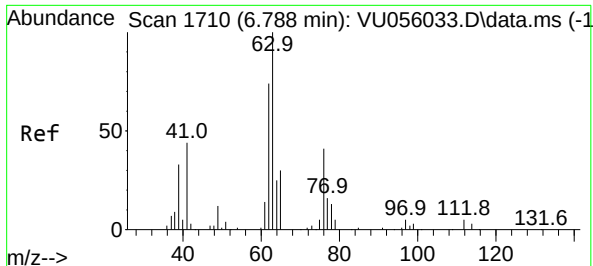
Tgt Ion: 84 Resp: 26752
Ion Ratio Lower Upper
84 100
86 67.3 45.2 84.0
49 96.3 78.8 146.3



#35
Methylcyclohexane
Concen: 1.073 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056035.D
Acq: 01 Nov 2023 12:40

Tgt Ion: 83 Resp: 30092
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 0.9 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.704 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056035.D

Acq: 01 Nov 2023 12:40

Instrument :

MSVOA_U

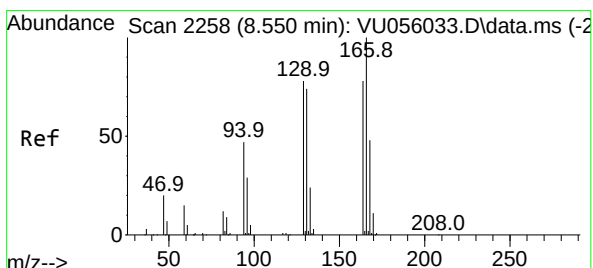
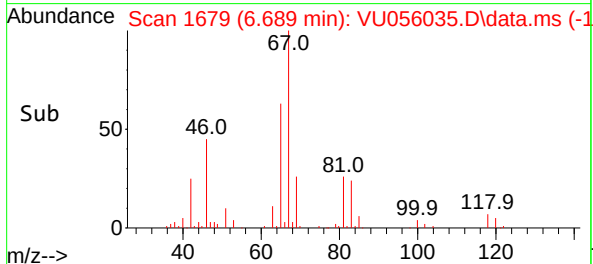
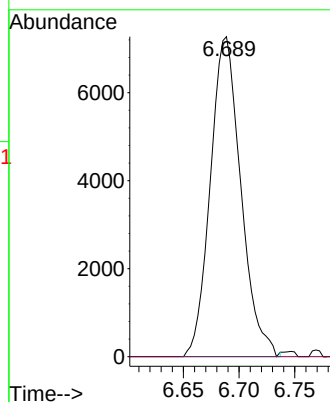
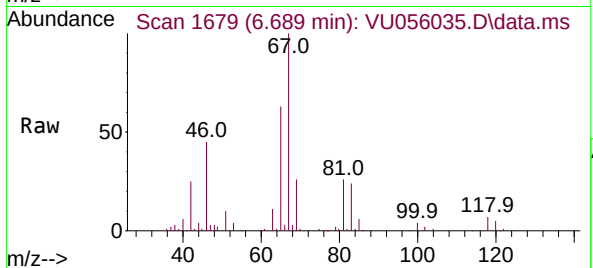
ClientSampleId :

Tgt Ion: 63 Resp: 13879

Ion Ratio Lower Upper

63 100

112 0.4 3.1 4.7#



#47

Tetrachloroethene

Concen: 4.891 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056035.D

Acq: 01 Nov 2023 12:40

Tgt Ion:164 Resp: 71172

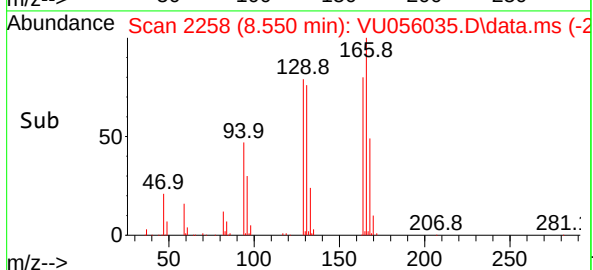
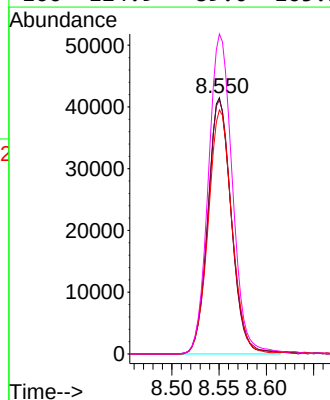
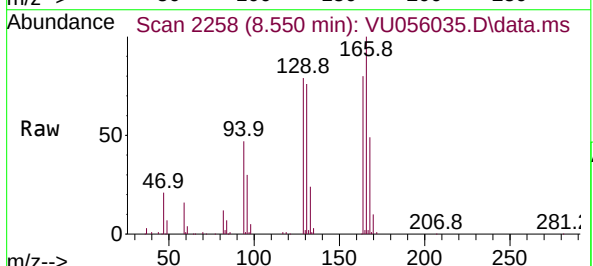
Ion Ratio Lower Upper

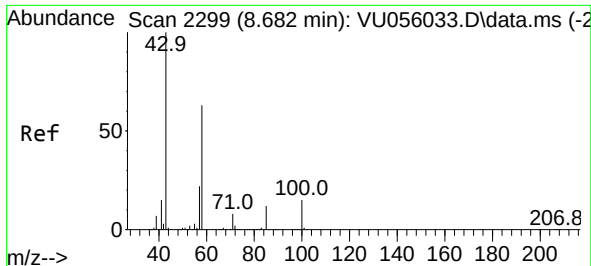
164 100

129 99.1 72.2 134.0

131 95.3 70.8 131.6

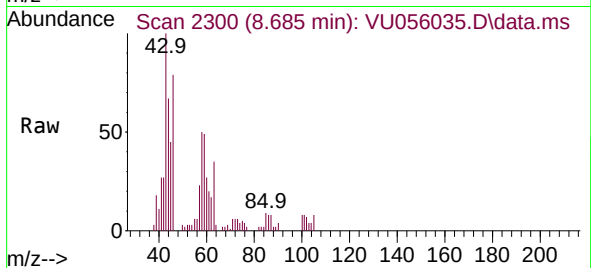
166 124.9 89.0 165.2



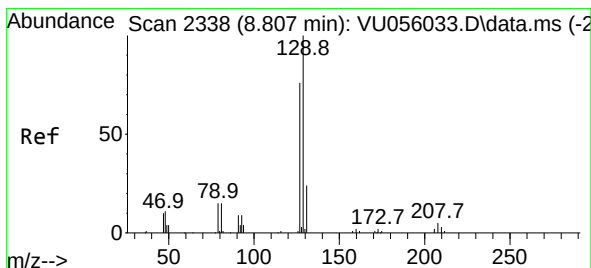
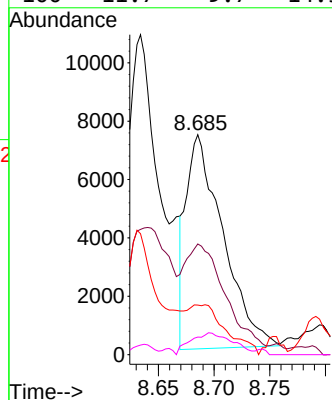
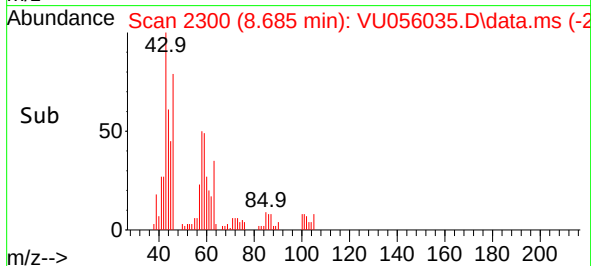


#48
2-Hexanone
Concen: 2.247 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056035.D
Acq: 01 Nov 2023 12:40

Instrument :
MSVOA_U
ClientSampleId :

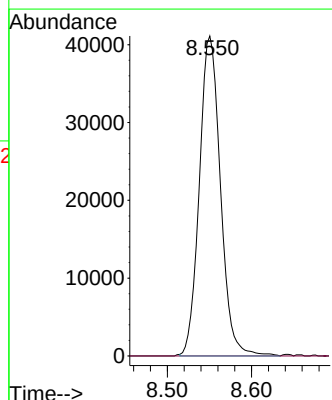
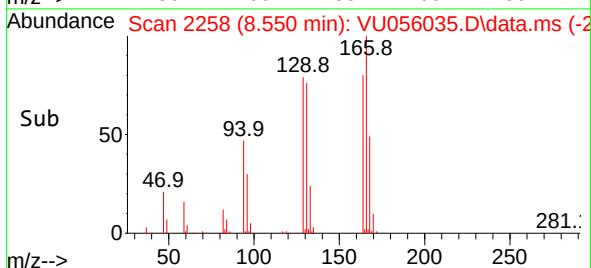
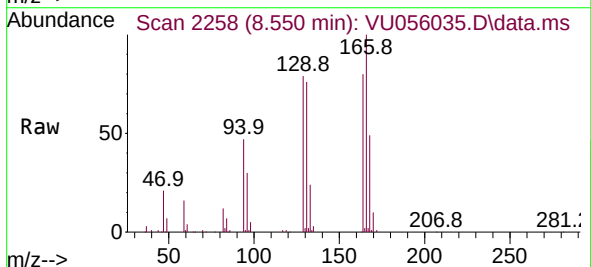


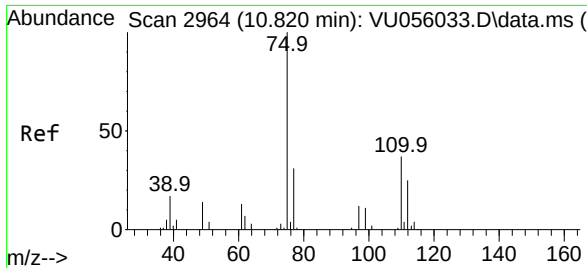
Tgt Ion: 43	Resp: 16798
Ion Ratio	Lower Upper
43 100	
58 51.8	49.5 74.3
57 22.4	16.9 25.3
100 11.7	9.7 14.5



#49
Dibromochloromethane
Concen: 4.715 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU056035.D
Acq: 01 Nov 2023 12:40

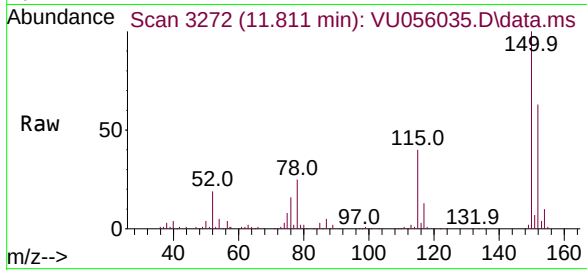
Tgt Ion:129	Resp: 71775		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.5	99.5#	





#61
1,2,3-Trichloropropane
Concen: 1.736 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056035.D
Acq: 01 Nov 2023 12:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 17599
Ion Ratio Lower Upper
75 100
110 2.8 29.0 43.6#
77 31.4 24.5 36.7

