

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU056007.D
 Acq On : 30 Oct 2023 19:13
 Operator : MD/SY
 Sample : 05113-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 05:33:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

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

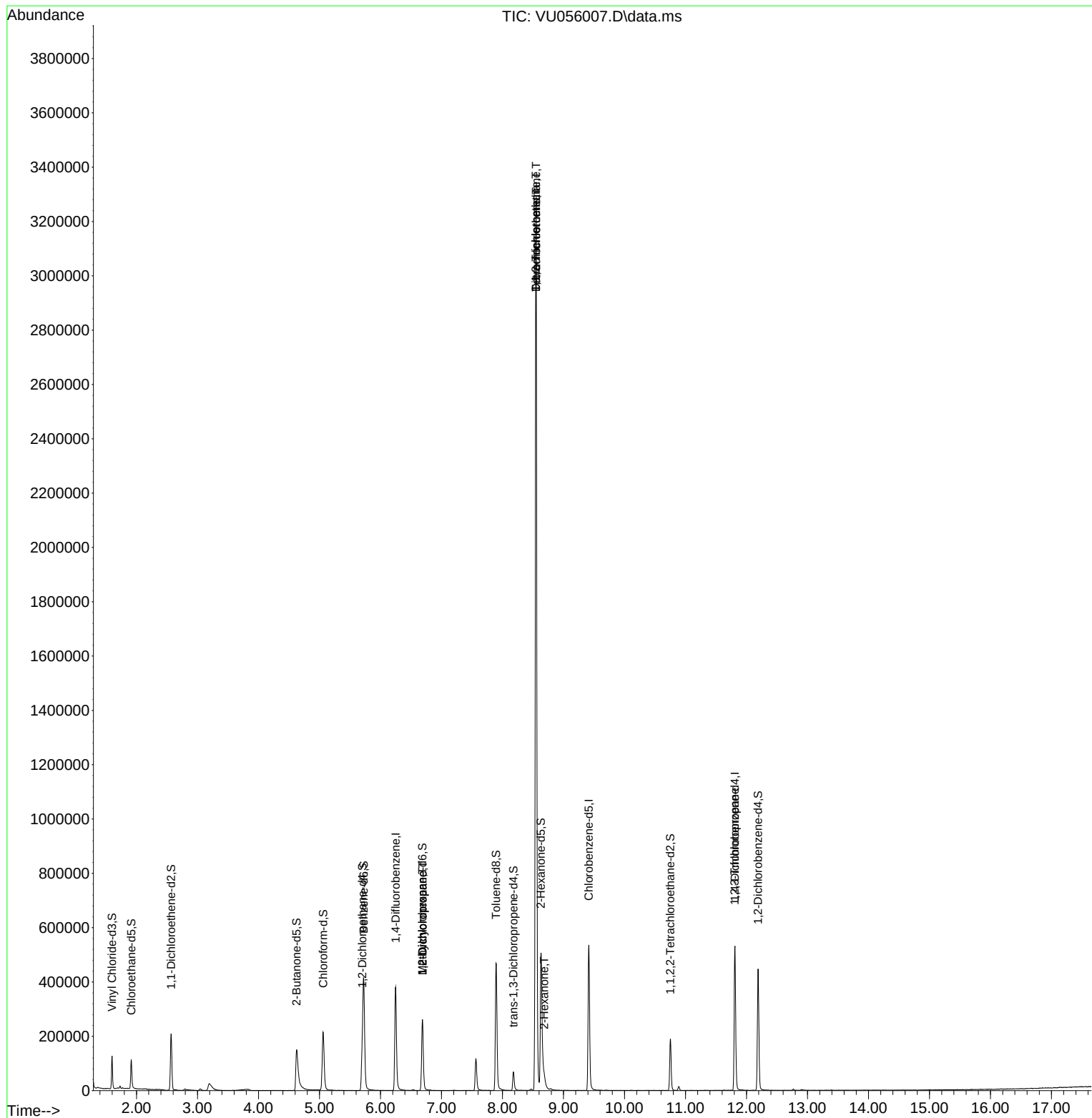
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	331432	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	330083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	150199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	87140	3.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.914	69	82532	4.038	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.567	65	40178	3.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.624	46	229213	49.006	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.020%
24) Chloroform-d	5.058	84	211093	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.701	65	101253	4.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.724	84	416343	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.685	67	131333	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.894	98	344526	3.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.180	79	42661	3.742	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.631	63	184583	63.784	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.560%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98208	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	127281	4.542	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	30462	1.108	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	13179	0.681	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	6363	0.468	ug/L #	1
47) Tetrachloroethene	8.550	164	747288	52.368	ug/L	97
48) 2-Hexanone	8.685	43	21078	2.875	ug/L #	82
49) Dibromochloromethane	8.550	129	736811	49.354	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	16912	1.640	ug/L #	65

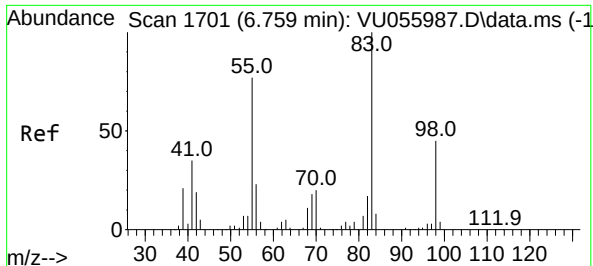
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 1.108 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056007.D

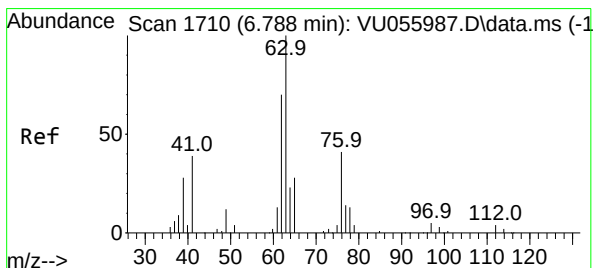
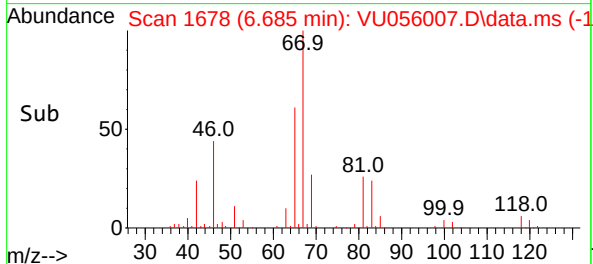
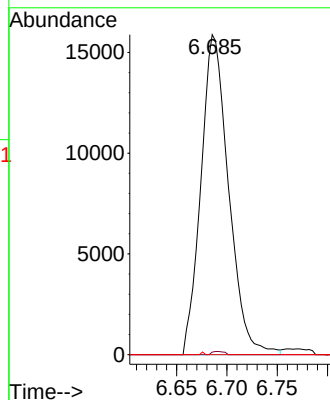
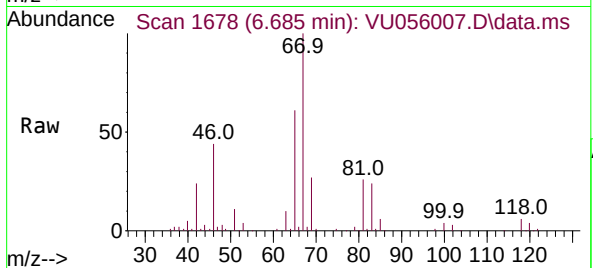
Acq: 30 Oct 2023 19:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 30462
Ion Ratio	Lower Upper
83 100	
55 0.4	62.4 93.6#
98 0.1	37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.681 ug/L

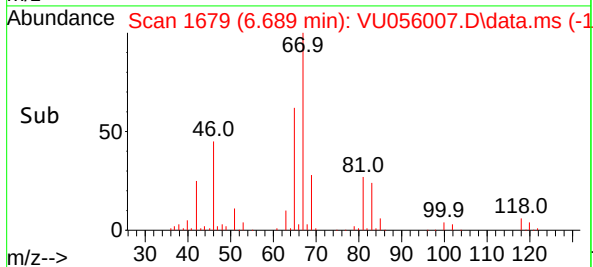
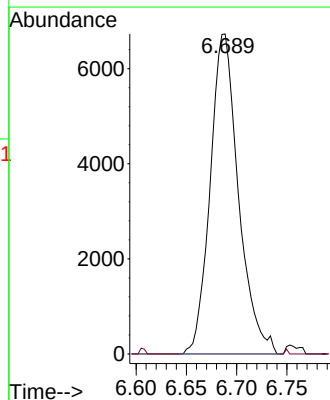
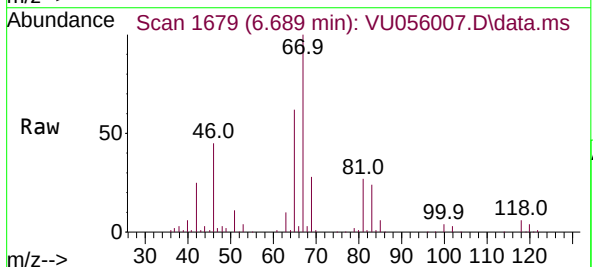
RT: 6.689 min Scan# 1679

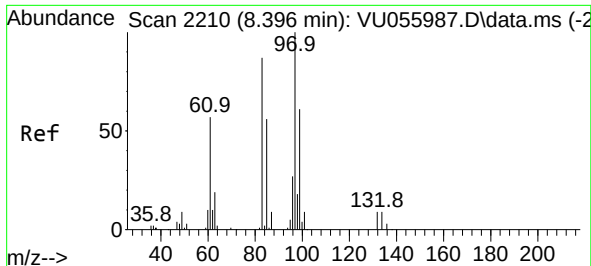
Delta R.T. -0.100 min

Lab File: VU056007.D

Acq: 30 Oct 2023 19:13

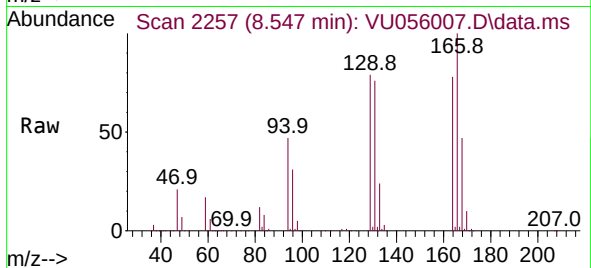
Tgt Ion: 63	Resp: 13179
Ion Ratio	Lower Upper
63 100	
112 0.1	3.1 4.7#



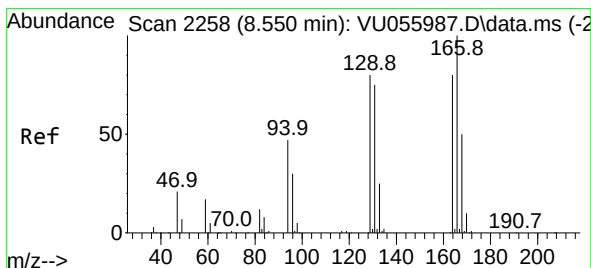
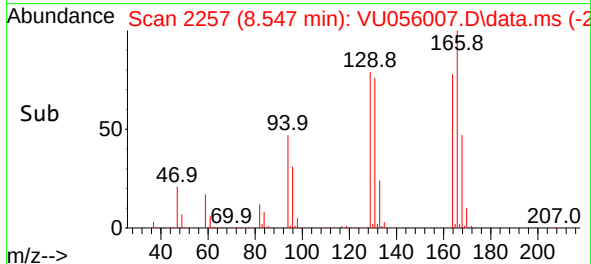
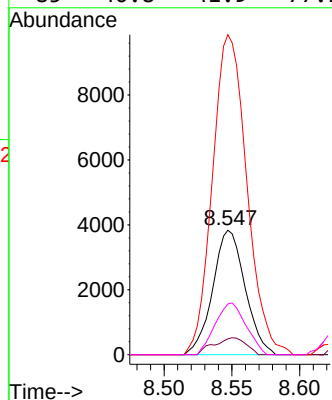


#45
1,1,2-Trichloroethane
Concen: 0.468 ug/L
RT: 8.547 min Scan# 2210
Delta R.T. 0.151 min
Lab File: VU056007.D
Acq: 30 Oct 2023 19:13

Instrument :
MSVOA_U
ClientSampleId :

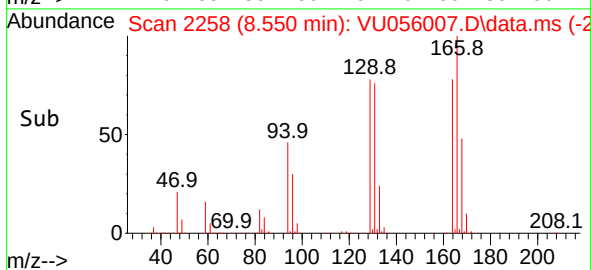
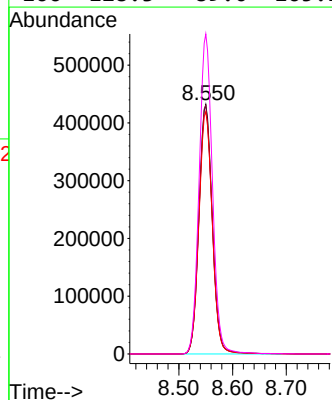
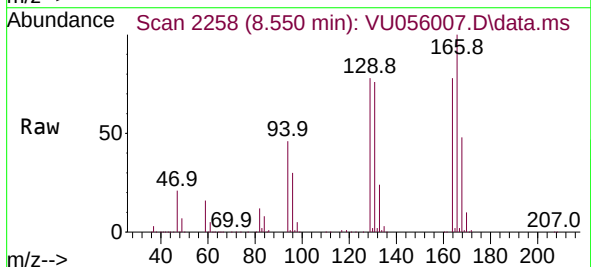


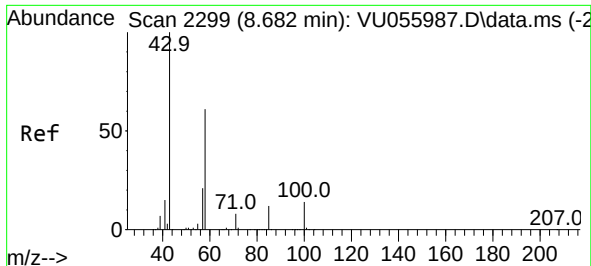
Tgt Ion:	97	Resp:	6363
Ion	Ratio	Lower	Upper
97	100		
99	12.7	45.3	84.1#
83	256.9	61.9	115.1#
85	40.8	41.9	77.9#



#47
Tetrachloroethene
Concen: 52.368 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056007.D
Acq: 30 Oct 2023 19:13

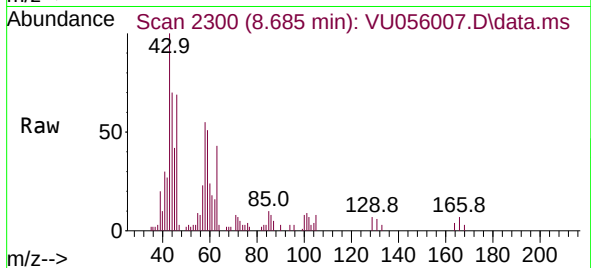
Tgt Ion:	164	Resp:	747288
Ion	Ratio	Lower	Upper
164	100		
129	99.7	72.2	134.0
131	97.1	70.8	131.6
166	128.3	89.0	165.2



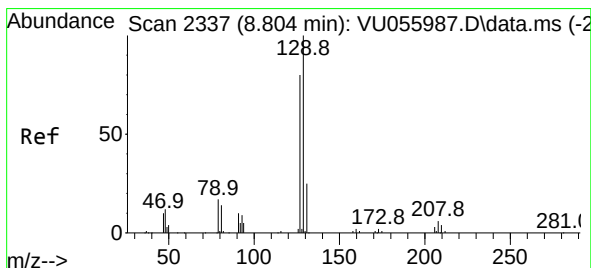
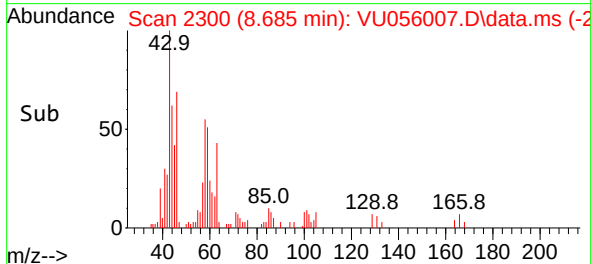
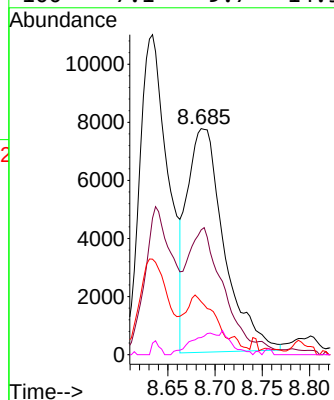


#48
2-Hexanone
Concen: 2.875 ug/L
RT: 8.685 min Scan# 21078
Delta R.T. 0.003 min
Lab File: VU056007.D
Acq: 30 Oct 2023 19:13

Instrument :
MSVOA_U
ClientSampleId :

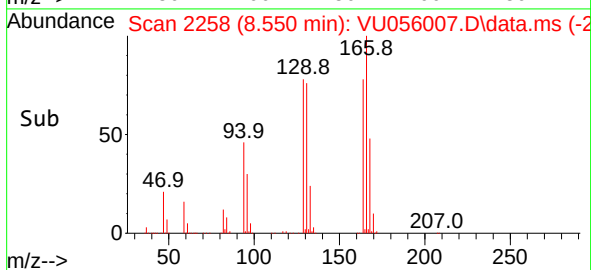
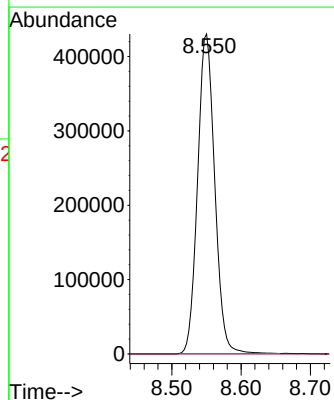
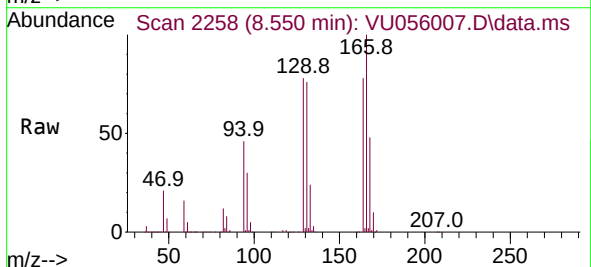


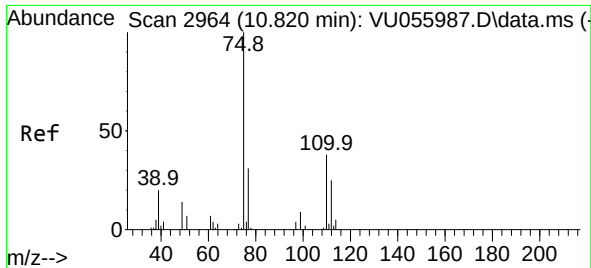
Tgt Ion: 43 Resp: 21078
Ion Ratio Lower Upper
43 100
58 45.6 49.5 74.3#
57 14.8 16.9 25.3#
100 7.1 9.7 14.5#



#49
Dibromochloromethane
Concen: 49.354 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056007.D
Acq: 30 Oct 2023 19:13

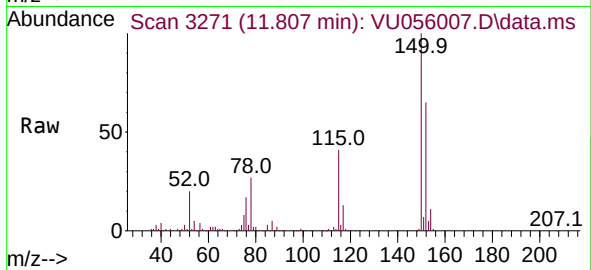
Tgt Ion: 129 Resp: 736811
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.640 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056007.D
 Acq: 30 Oct 2023 19:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16912
 Ion Ratio Lower Upper
 75 100
 110 2.6 29.0 43.6#
 77 35.6 24.5 36.7

