

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056013.D
 Acq On : 31 Oct 2023 14:39
 Operator : MD/SY
 Sample : 05114-18 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:10:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

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

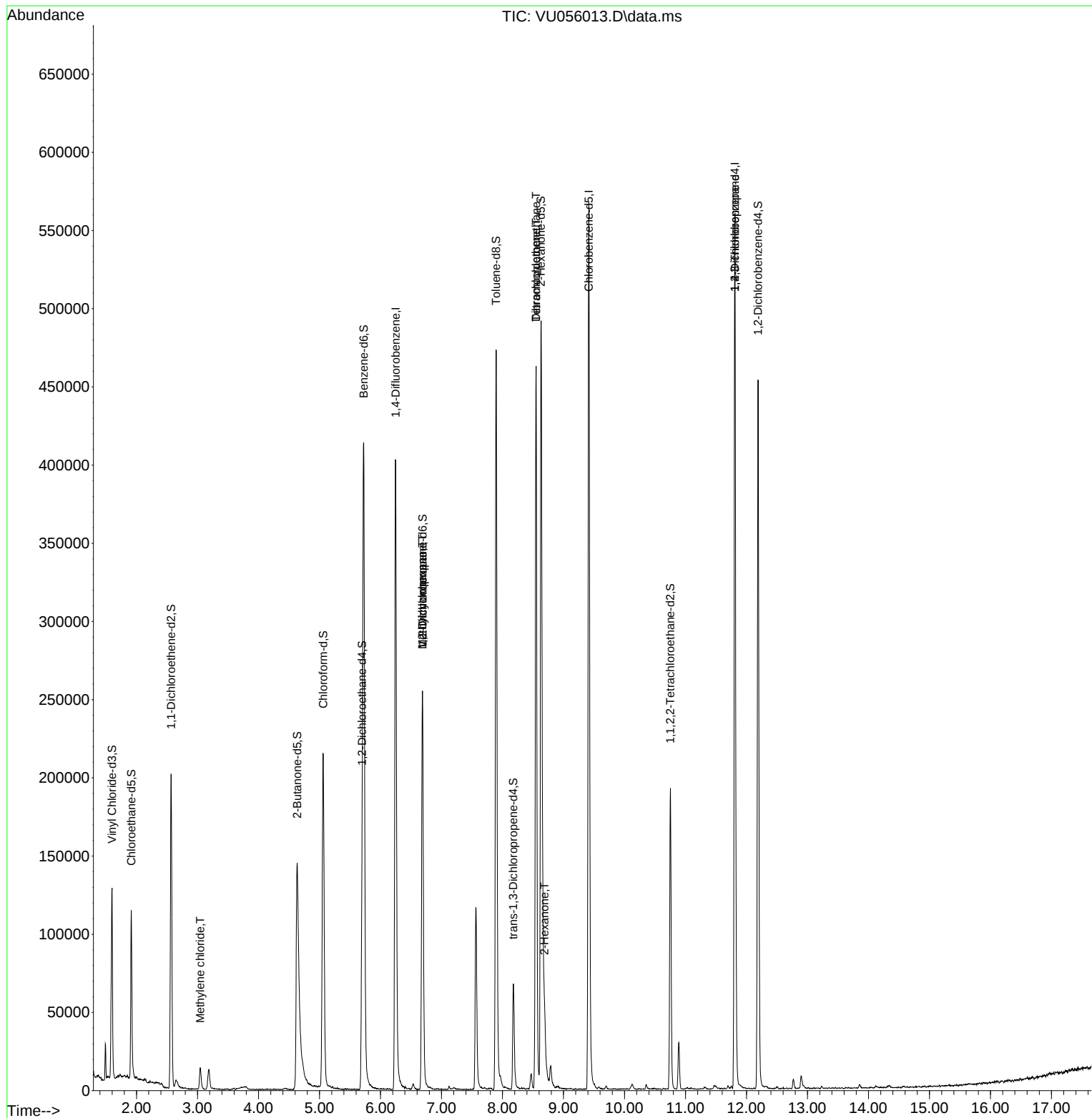
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	344053	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	343826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	158107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	83329	3.062	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.914	69	83637	3.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.567	65	39614	3.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	4.634	46	233256	48.041	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.080%
24) Chloroform-d	5.058	84	213525	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.698	65	102978	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	5.724	84	413148	4.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.689	67	133800	4.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.894	98	342883	3.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.177	79	44131	3.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.631	63	179556	59.567	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.140%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98892	4.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	127341	4.317	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	7656	0.405	ug/L	92
35) Methylcyclohexane	6.685	83	32160	1.123	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13650	0.678	ug/L #	89
47) Tetrachloroethene	8.550	164	108228	7.281	ug/L	96
48) 2-Hexanone	8.689	43	20718	2.713	ug/L #	90
49) Dibromochloromethane	8.550	129	104966	6.750	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	18798	1.732	ug/L #	67

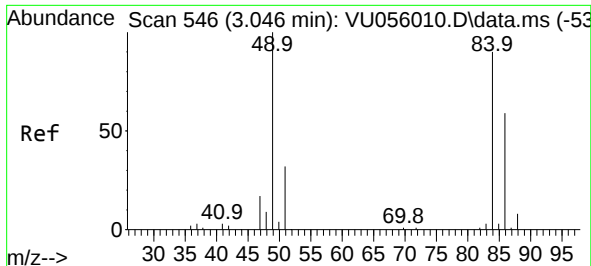
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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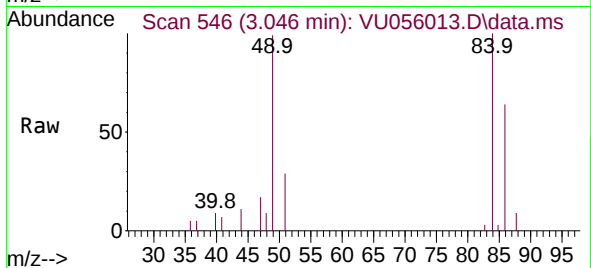
Quant Time: Nov 01 01:10:17 2023
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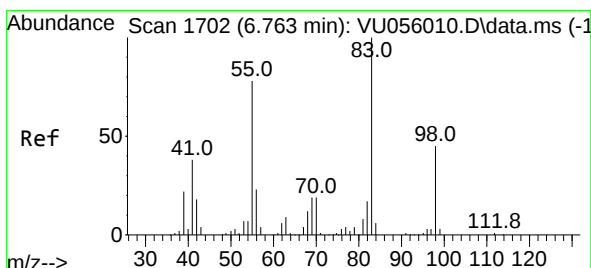
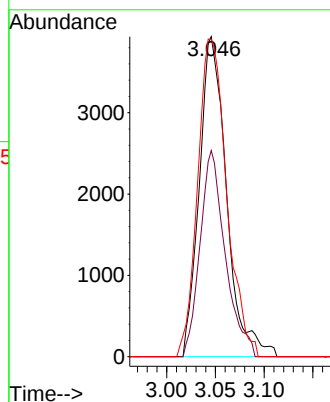
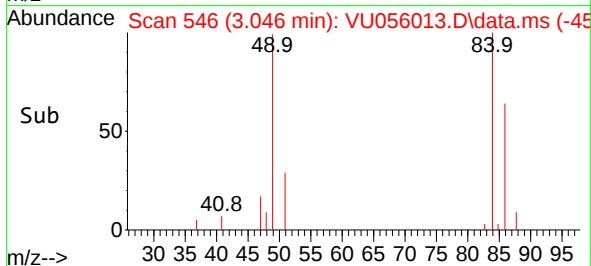


#16
Methylene chloride
Concen: 0.405 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU056013.D
Acq: 31 Oct 2023 14:39

Instrument :
MSVOA_U
ClientSampleId :

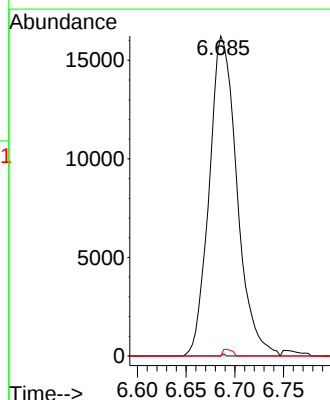
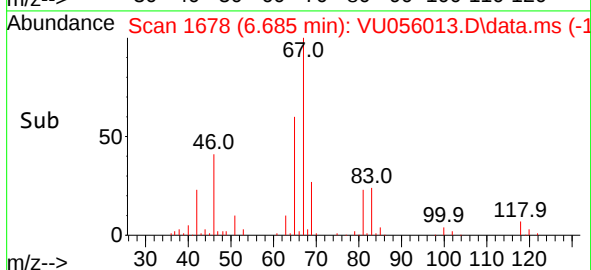
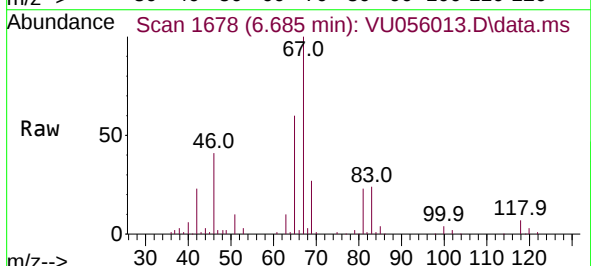


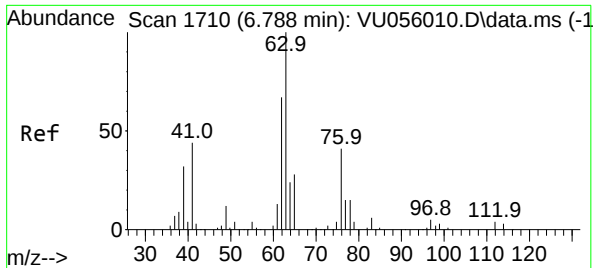
Tgt Ion: 84 Resp: 7656
Ion Ratio Lower Upper
84 100
86 64.4 45.2 84.0
49 99.2 78.8 146.3



#35
Methylcyclohexane
Concen: 1.123 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.077 min
Lab File: VU056013.D
Acq: 31 Oct 2023 14:39

Tgt Ion: 83 Resp: 32160
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 0.7 37.4 56.2#

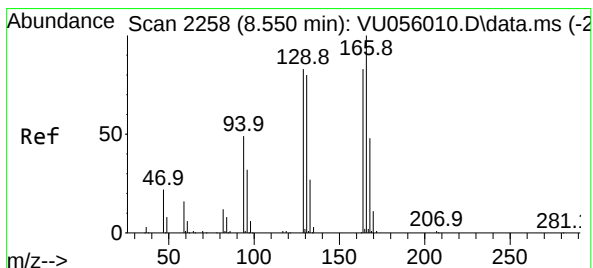
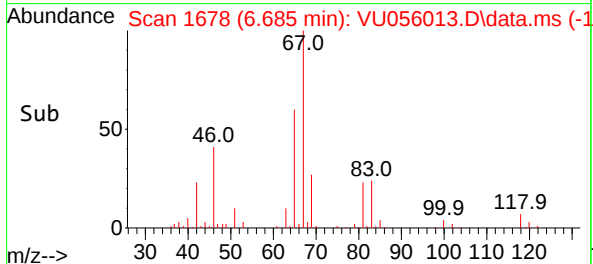
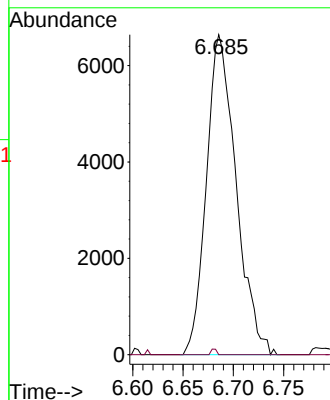
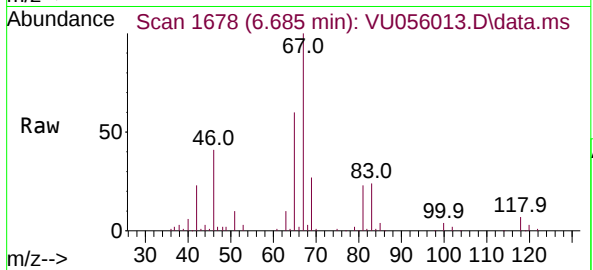




#37
1,2-Dichloropropane
Concen: 0.678 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056013.D
Acq: 31 Oct 2023 14:39

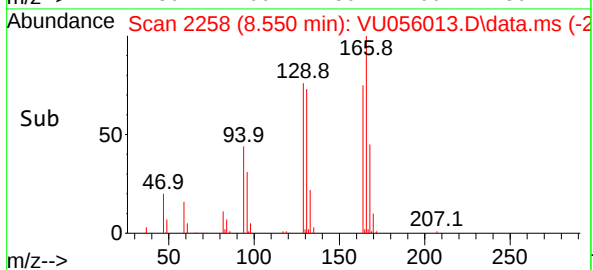
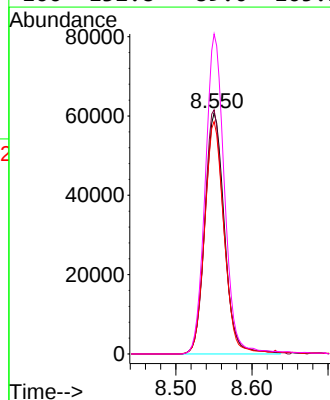
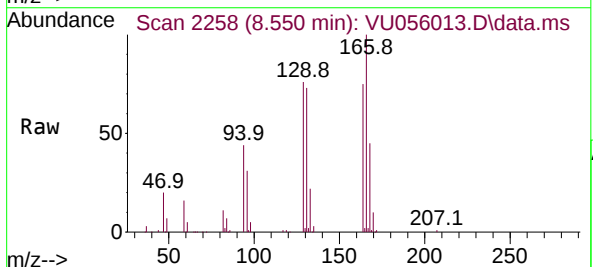
Instrument :
MSVOA_U
ClientSampleId :

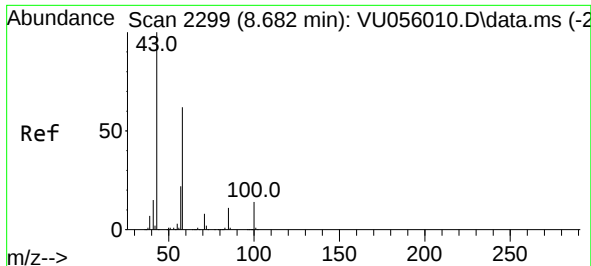
Tgt Ion: 63 Resp: 13650
Ion Ratio Lower Upper
63 100
112 0.3 3.1 4.7#



#47
Tetrachloroethene
Concen: 7.281 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056013.D
Acq: 31 Oct 2023 14:39

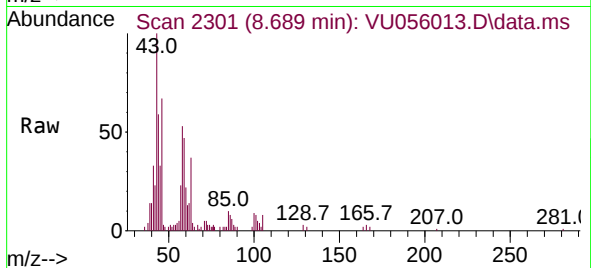
Tgt Ion:164 Resp: 108228
Ion Ratio Lower Upper
164 100
129 101.3 72.2 134.0
131 96.4 70.8 131.6
166 132.8 89.0 165.2



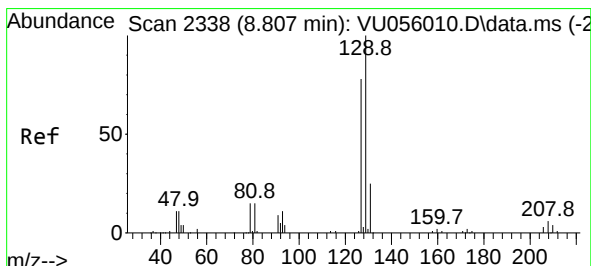
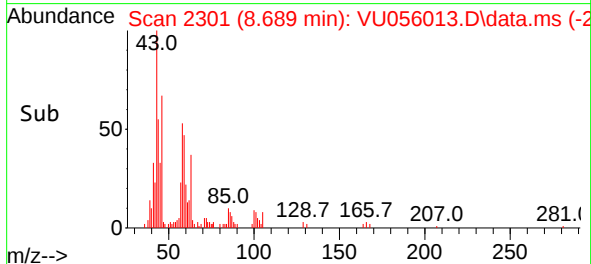
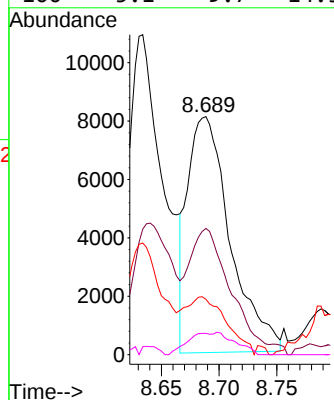


#48
2-Hexanone
Concen: 2.713 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU056013.D
Acq: 31 Oct 2023 14:39

Instrument :
MSVOA_U
ClientSampleId :

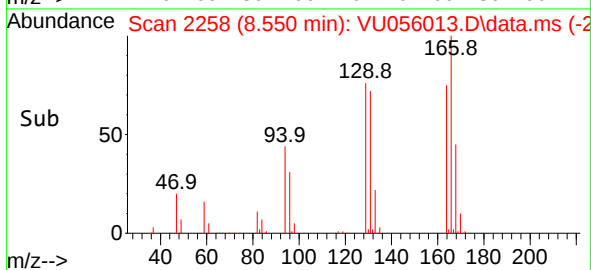
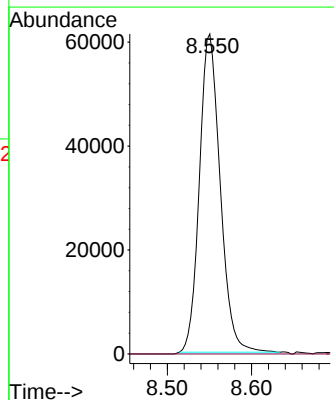
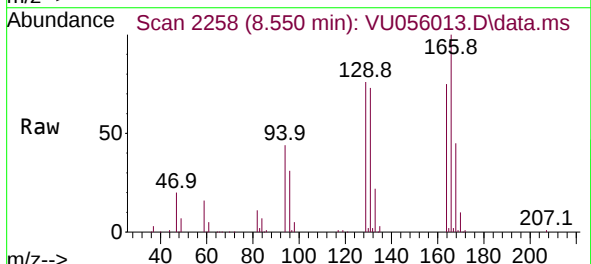


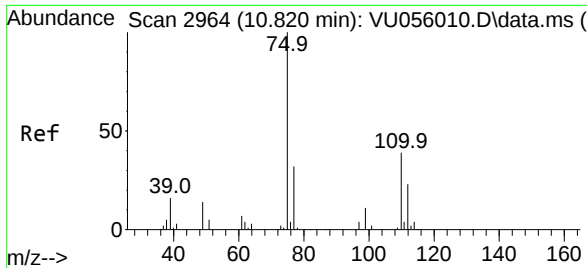
Tgt Ion: 43 Resp: 20718
Ion Ratio Lower Upper
43 100
58 53.9 49.5 74.3
57 23.1 16.9 25.3
100 5.1 9.7 14.5#



#49
Dibromochloromethane
Concen: 6.750 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU056013.D
Acq: 31 Oct 2023 14:39

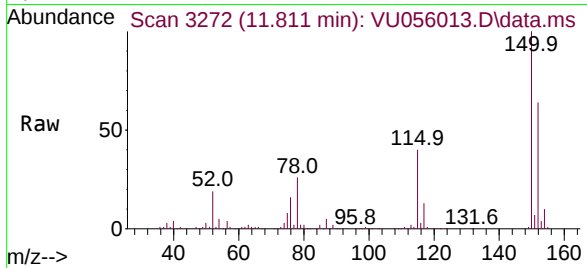
Tgt Ion: 129 Resp: 104966
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.732 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056013.D
Acq: 31 Oct 2023 14:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.9	29.0	43.6#
77	33.2	24.5	36.7

