

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU056002.D
 Acq On : 30 Oct 2023 17:12
 Operator : MD/SY
 Sample : 05113-08 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 05:32:27 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)

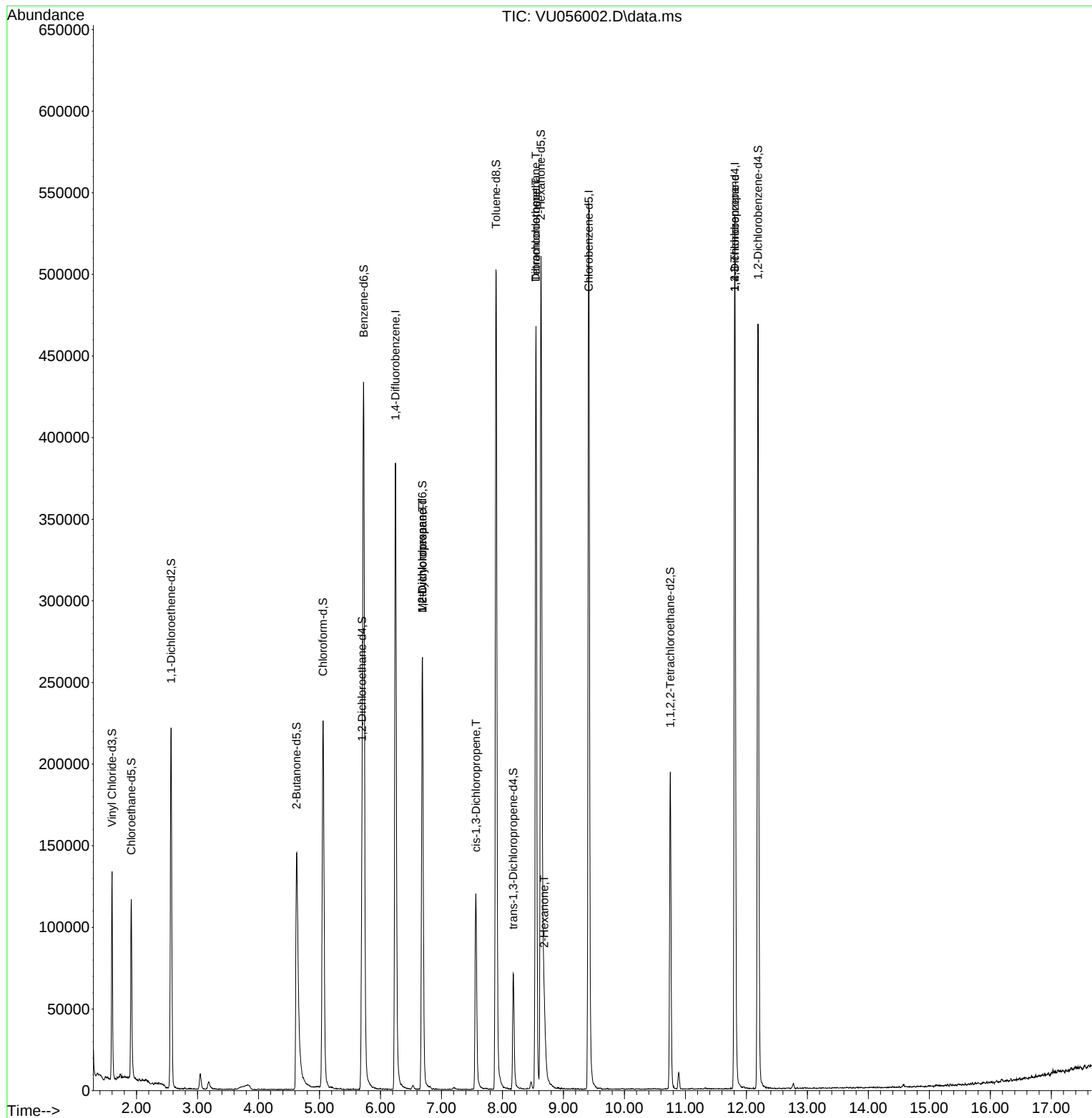
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	332580	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	330426	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	152061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	93101	3.539	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.914	69	87175	4.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.567	65	42424	3.798	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.624	46	226283	48.213	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.420%
24) Chloroform-d	5.058	84	218949	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.698	65	104998	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.724	84	433579	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.689	67	136250	4.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.898	98	364430	4.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.177	79	45188	3.960	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.631	63	182882	63.131	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.260%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	103285	4.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	132880	4.684	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.689	83	32904	1.195	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	14154	0.731	ug/L #	89
39) cis-1,3-Dichloropropene	7.566	75	3140	0.114	ug/L #	58
47) Tetrachloroethene	8.550	164	106945	7.487	ug/L	96
48) 2-Hexanone	8.685	43	23284	3.173	ug/L #	89
49) Dibromochloromethane	8.550	129	106592	7.133	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	17116	1.640	ug/L #	68

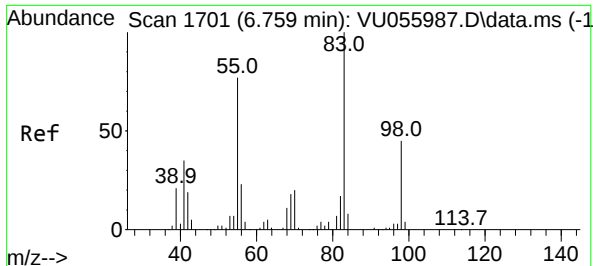
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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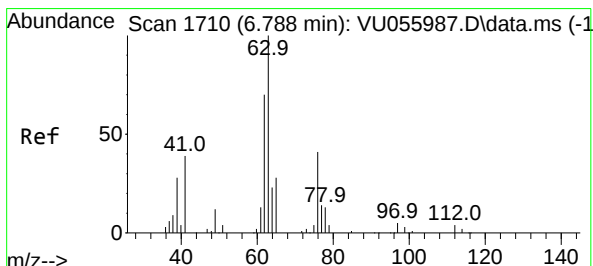
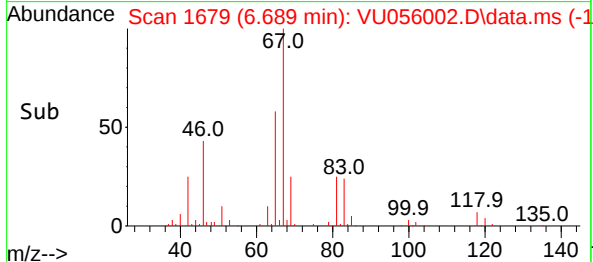
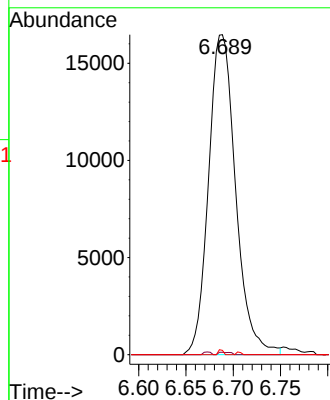
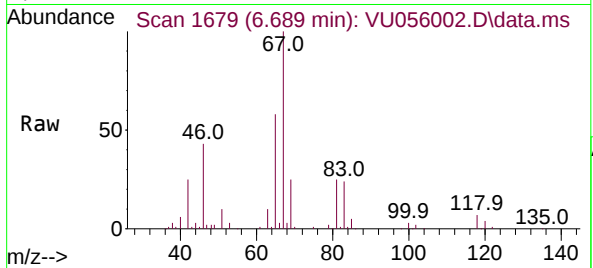




#35
Methylcyclohexane
Concen: 1.195 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU056002.D
Acq: 30 Oct 2023 17:12

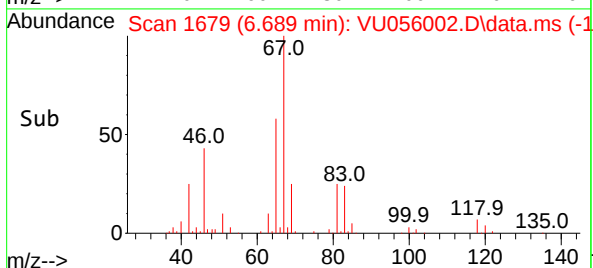
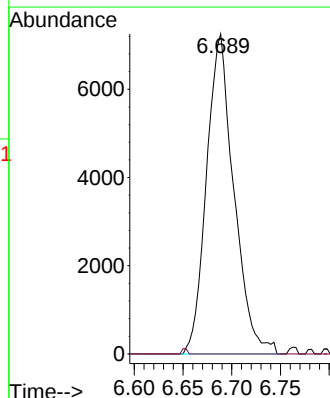
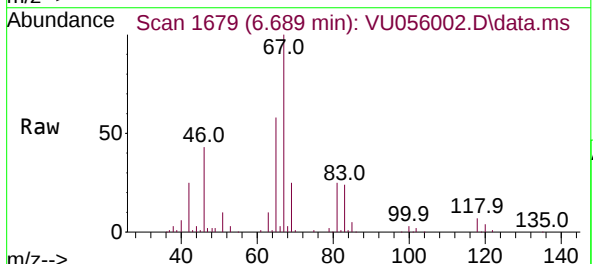
Instrument :
MSVOA_U
ClientSampleId :

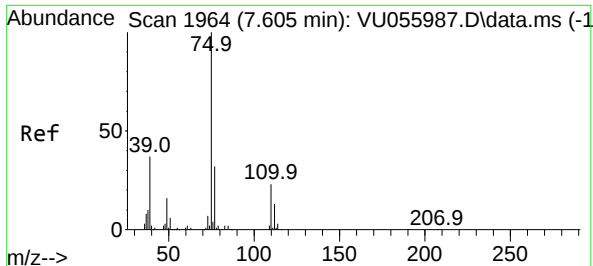
Tgt Ion: 83 Resp: 32904
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 0.3 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.731 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU056002.D
Acq: 30 Oct 2023 17:12

Tgt Ion: 63 Resp: 14154
Ion Ratio Lower Upper
63 100
112 0.3 3.1 4.7#

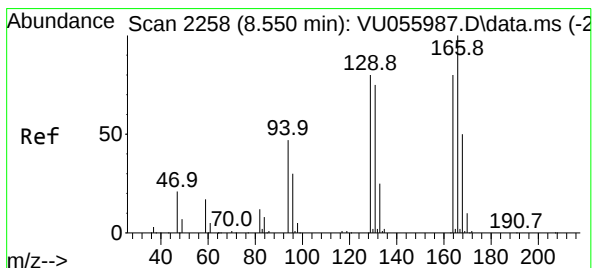
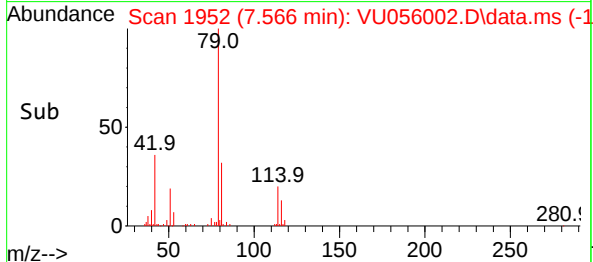
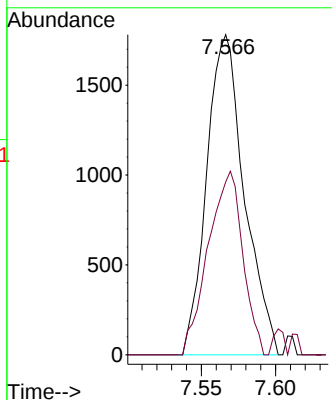
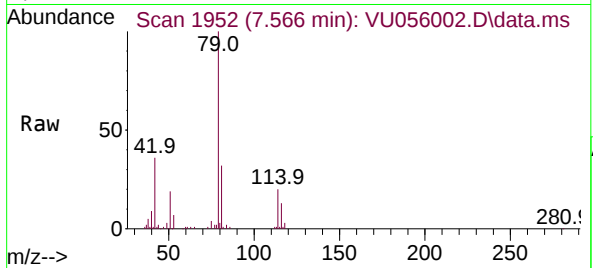




#39
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.566 min Scan# 1964
Delta R.T. -0.039 min
Lab File: VU056002.D
Acq: 30 Oct 2023 17:12

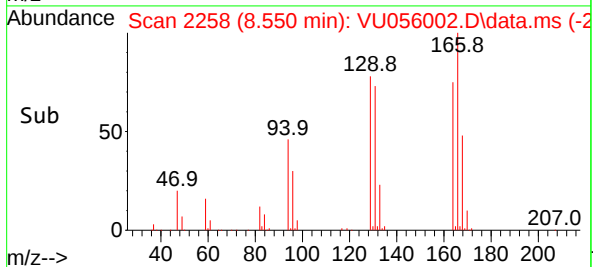
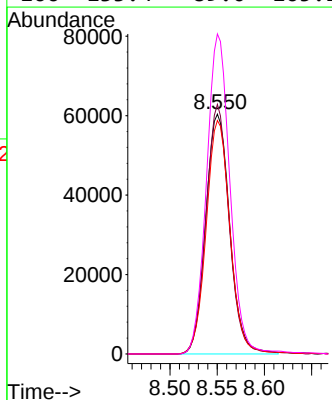
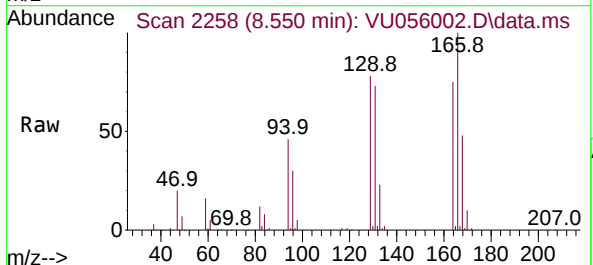
Instrument :
MSVOA_U
ClientSampleId :

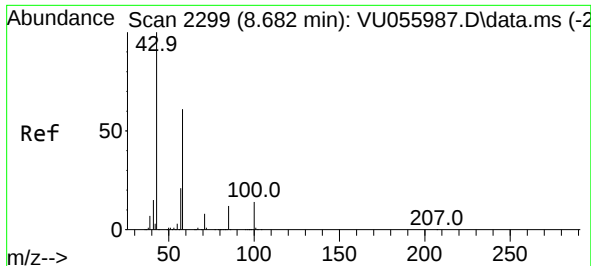
Tgt Ion: 75 Resp: 3140
Ion Ratio Lower Upper
75 100
77 54.0 21.7 40.3#



#47
Tetrachloroethene
Concen: 7.487 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056002.D
Acq: 30 Oct 2023 17:12

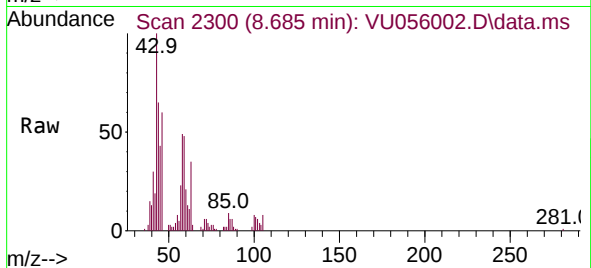
Tgt Ion: 164 Resp: 106945
Ion Ratio Lower Upper
164 100
129 104.1 72.2 134.0
131 97.3 70.8 131.6
166 133.4 89.0 165.2



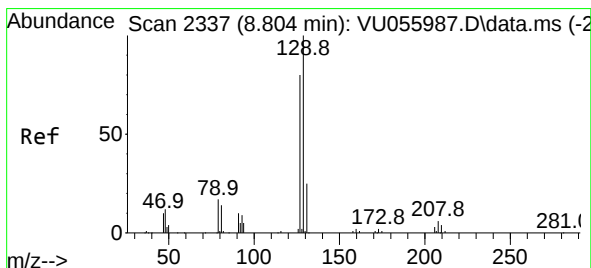
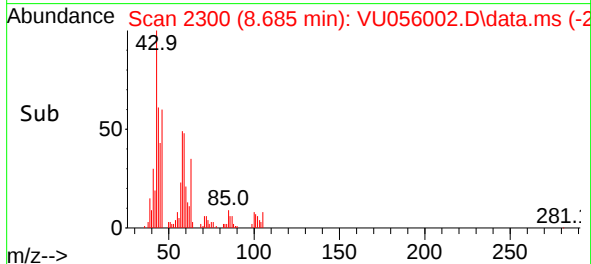
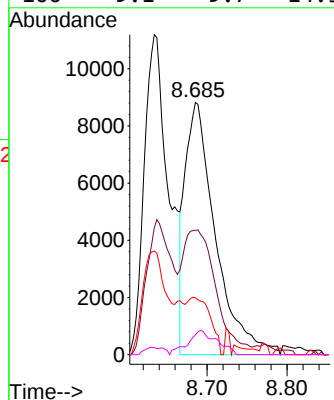


#48
2-Hexanone
Concen: 3.173 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056002.D
Acq: 30 Oct 2023 17:12

Instrument :
MSVOA_U
ClientSampleId :

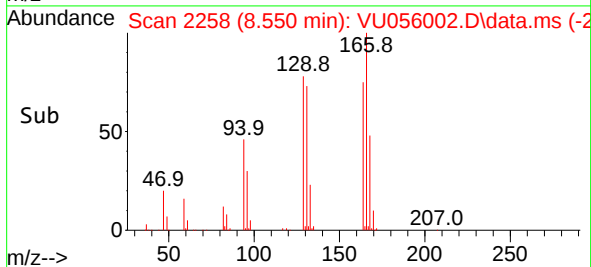
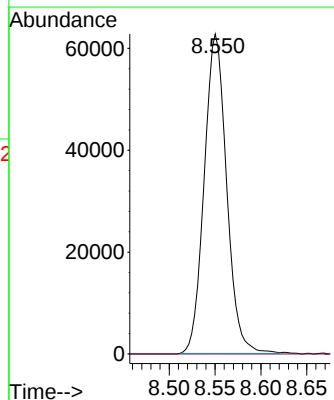
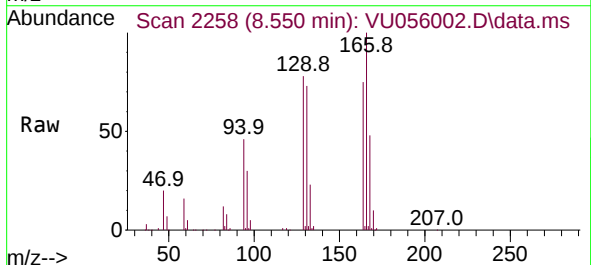


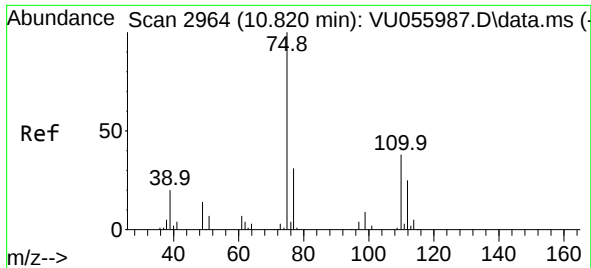
Tgt Ion: 43 Resp: 23284
Ion Ratio Lower Upper
43 100
58 52.8 49.5 74.3
57 15.4 16.9 25.3#
100 9.1 9.7 14.5#



#49
Dibromochloromethane
Concen: 7.133 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056002.D
Acq: 30 Oct 2023 17:12

Tgt Ion:129 Resp: 106592
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

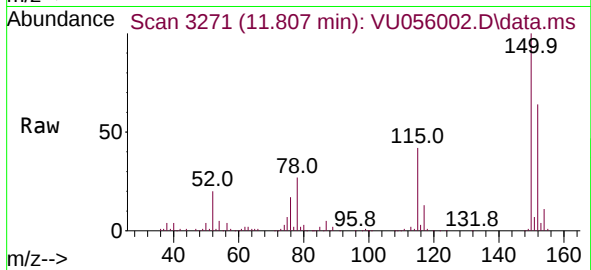
Lab File: VU056002.D

Acq: 30 Oct 2023 17:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 17116

Ion Ratio Lower Upper

75 100

110 3.3 29.0 43.6#

77 32.7 24.5 36.7

