

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057094.D
 Acq On : 20 Dec 2023 16:04
 Operator : MD/SY
 Sample : 05866-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 23:46:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

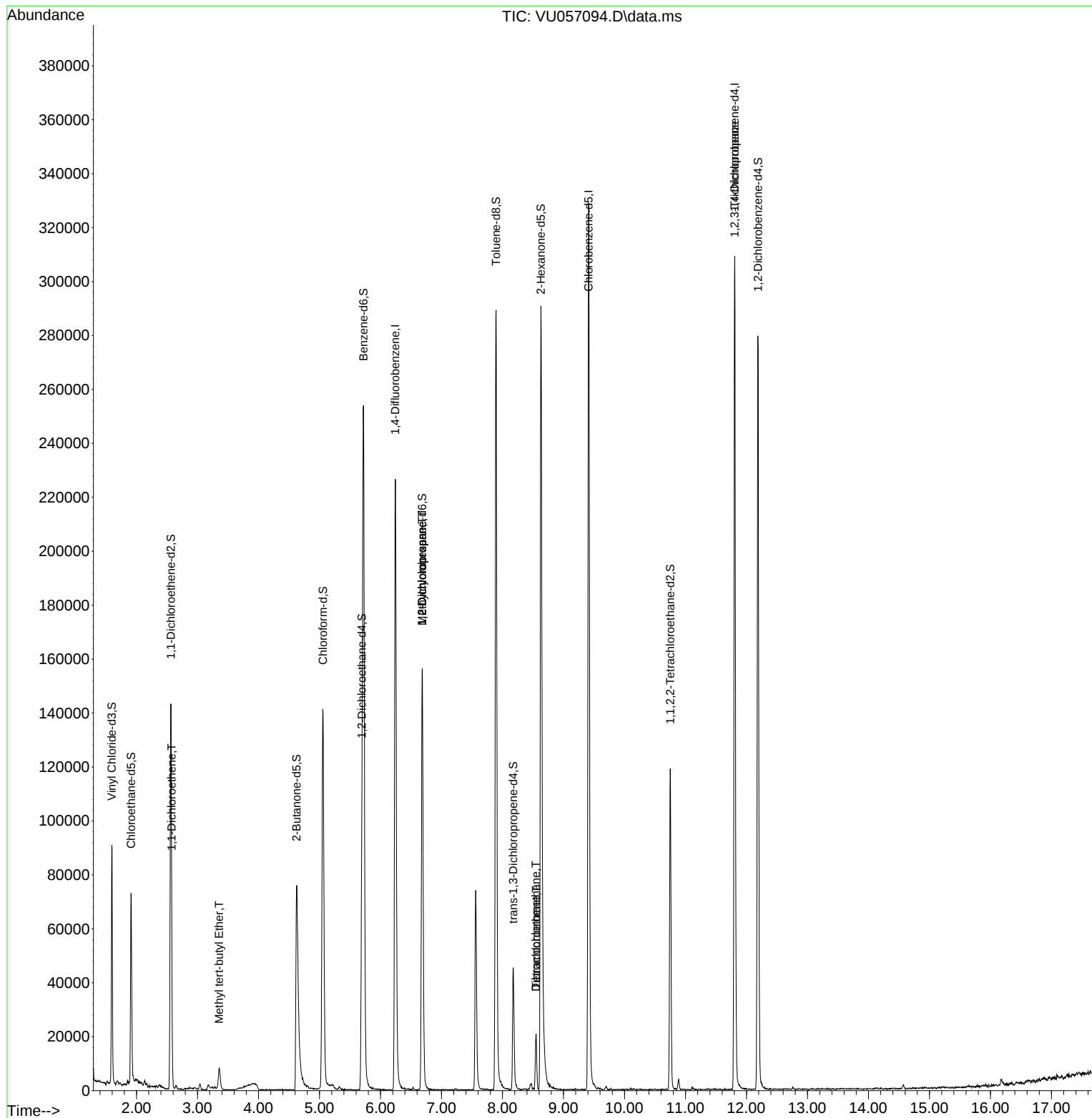
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	187875	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	189885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84769	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	62384	3.874	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.911	69	52381	4.347	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.563	65	26658	3.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.624	46	124955	39.290	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.580%
24) Chloroform-d	5.055	84	136399	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	67840	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	241425	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.682	67	71495	3.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.600%
41) Toluene-d8	7.894	98	200597	3.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.174	79	28264	3.954	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.627	63	100701	37.348	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56884	4.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	73846	4.432	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	2498	0.164	ug/L #	1
17) Methyl tert-butyl Ether	3.354	73	8896	0.263	ug/L #	90
35) Methylcyclohexane	6.682	83	18833	0.697	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	8095	0.474	ug/L #	88
47) Tetrachloroethene	8.550	164	4348	0.339	ug/L	95
49) Dibromochloromethane	8.547	129	4822	0.363	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	9071	0.997	ug/L #	66

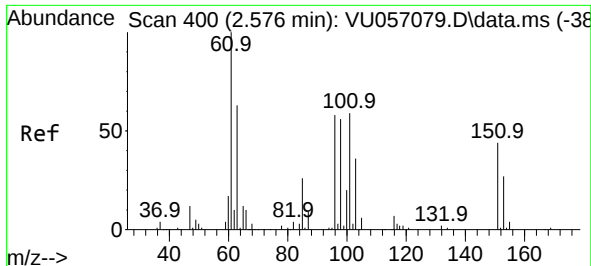
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
Data File : VU057094.D
Acq On : 20 Dec 2023 16:04
Operator : MD/SY
Sample : 05866-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 20 23:46:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 20 23:41:59 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.164 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU057094.D

Acq: 20 Dec 2023 16:04

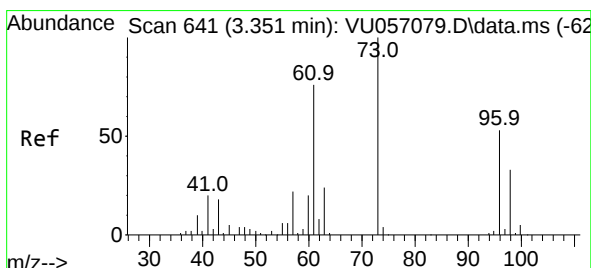
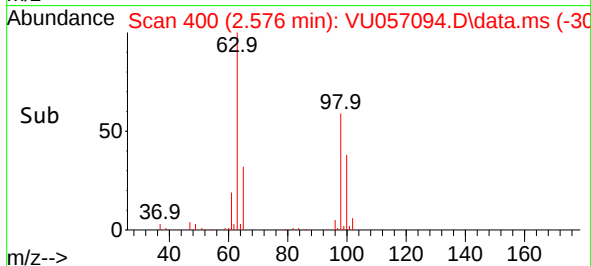
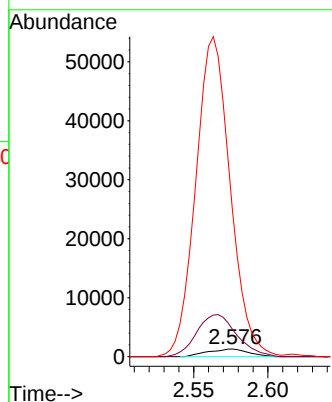
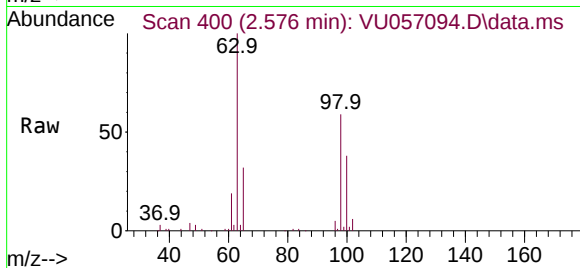
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 2498

Ion	Ratio	Lower	Upper
96	100		
61	358.5	119.0	221.0#
63	1916.2	88.7	164.7#



#17

Methyl tert-butyl Ether

Concen: 0.263 ug/L

RT: 3.354 min Scan# 642

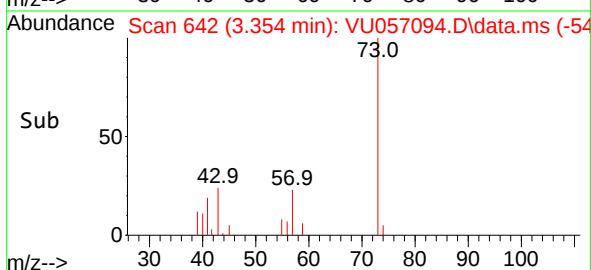
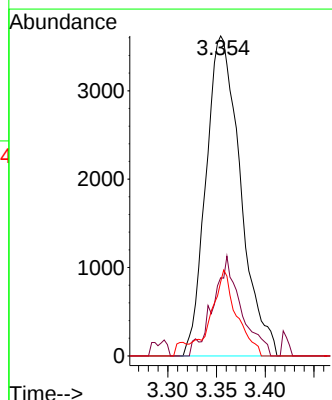
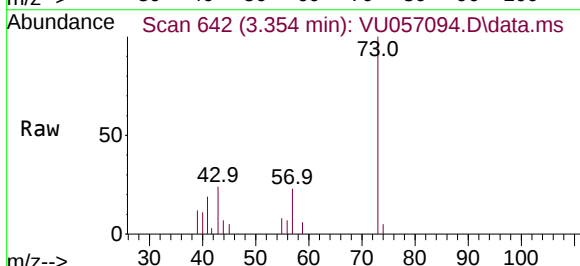
Delta R.T. 0.003 min

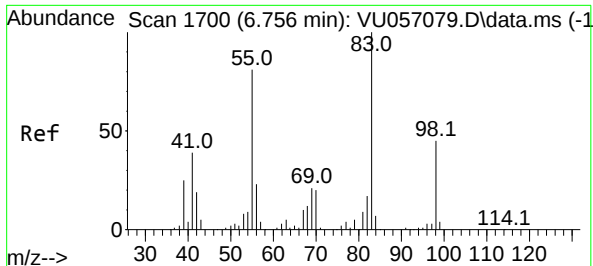
Lab File: VU057094.D

Acq: 20 Dec 2023 16:04

Tgt Ion: 73 Resp: 8896

Ion	Ratio	Lower	Upper
73	100		
43	25.4	14.4	21.6#
57	19.7	17.8	26.8

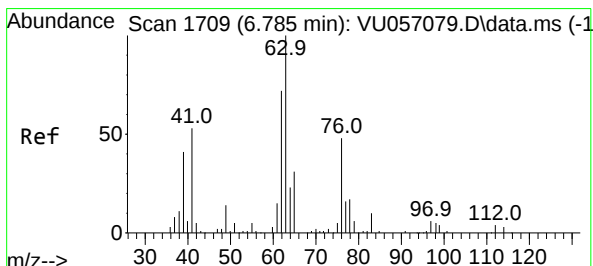
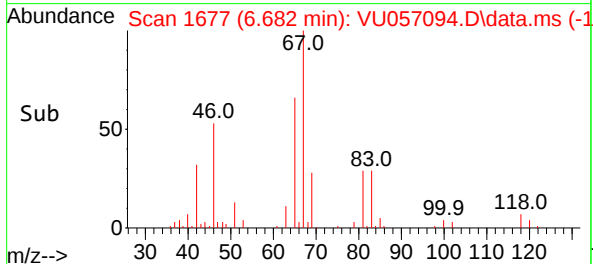
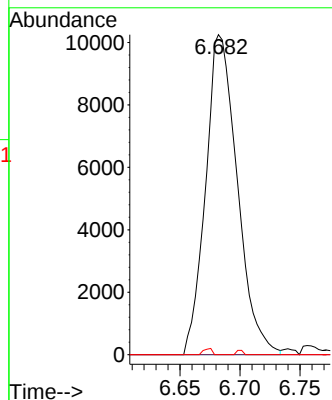
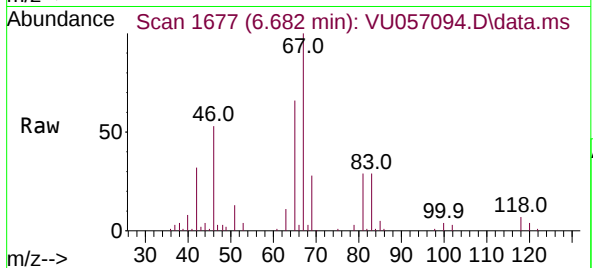




#35
Methylcyclohexane
Concen: 0.697 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057094.D
Acq: 20 Dec 2023 16:04

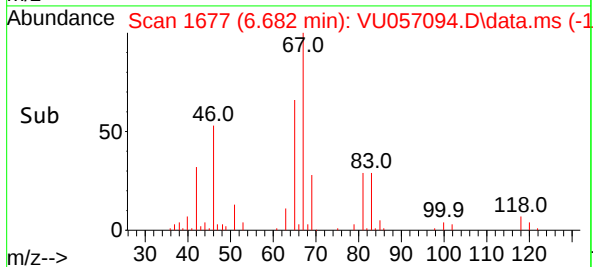
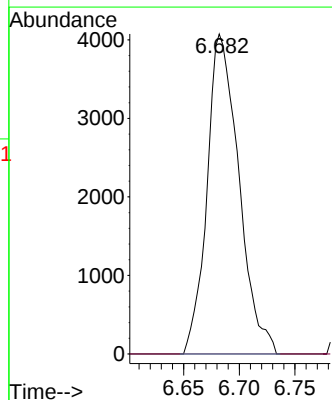
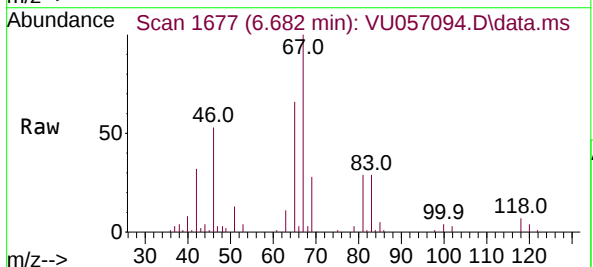
Instrument :
MSVOA_U
ClientSampleId :

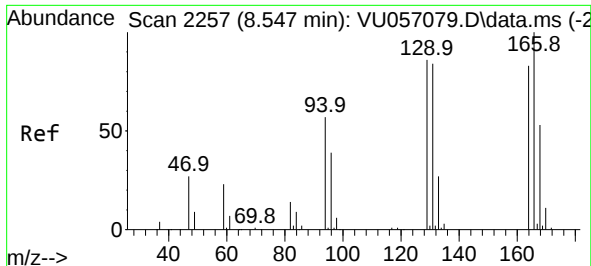
Tgt Ion: 83 Resp: 18833
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.5 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.474 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057094.D
Acq: 20 Dec 2023 16:04

Tgt Ion: 63 Resp: 8095
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 0.339 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

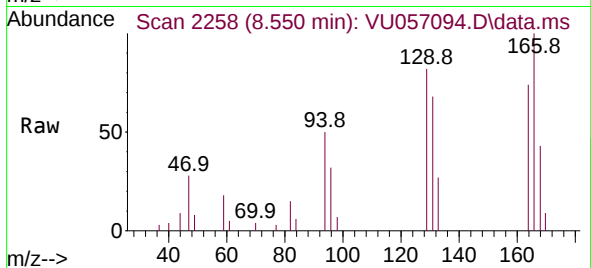
Lab File: VU057094.D

Acq: 20 Dec 2023 16:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4348

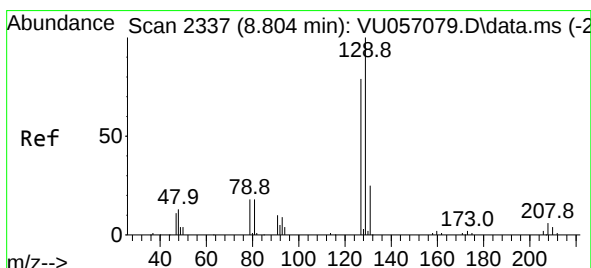
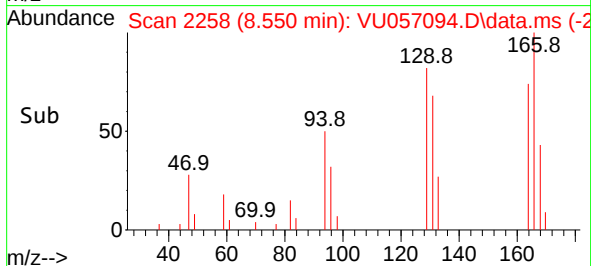
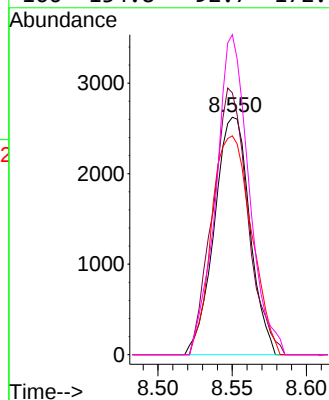
Ion Ratio Lower Upper

164 100

129 110.3 73.4 136.4

131 92.2 71.5 132.9

166 134.8 92.7 172.1



#49

Dibromochloromethane

Concen: 0.363 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU057094.D

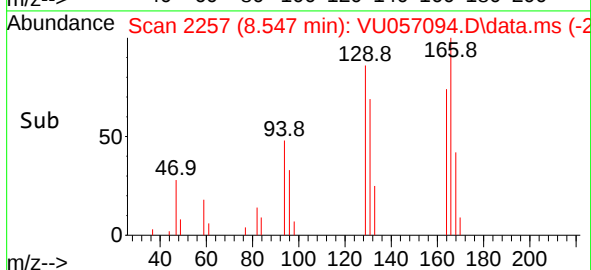
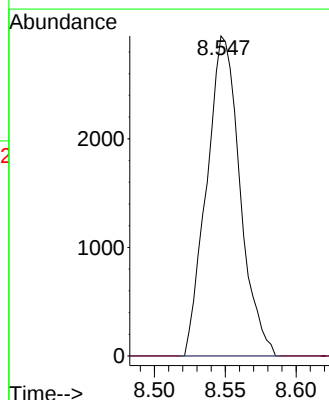
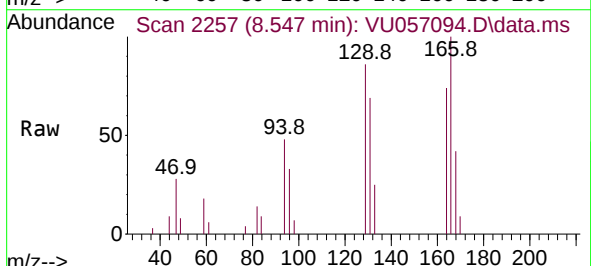
Acq: 20 Dec 2023 16:04

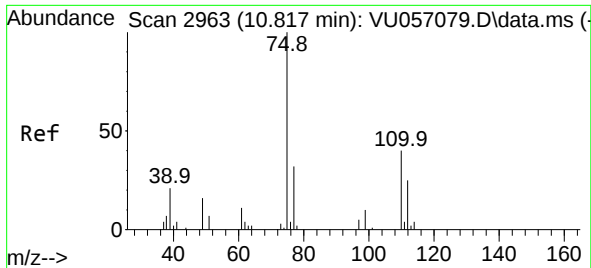
Tgt Ion:129 Resp: 4822

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#





#61

1,2,3-Trichloropropane

Concen: 0.997 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

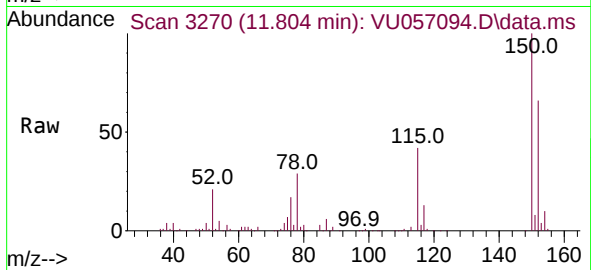
Lab File: VU057094.D

Acq: 20 Dec 2023 16:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 9071

Ion Ratio Lower Upper

75 100

110 2.1 28.4 42.6#

77 38.5 26.3 39.5

