

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057095.D
 Acq On : 20 Dec 2023 16:28
 Operator : MD/SY
 Sample : 05866-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 23:46:28 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)

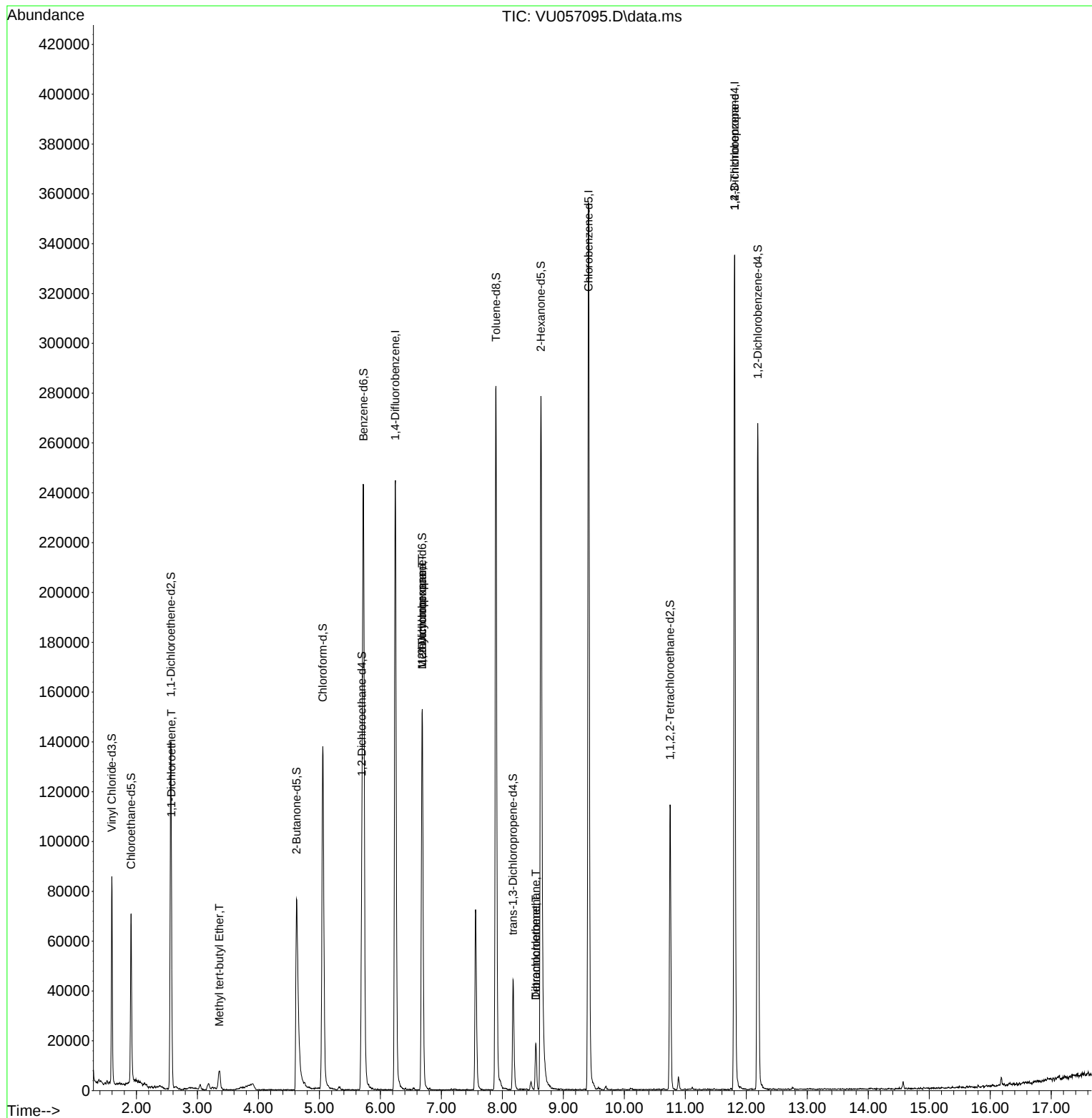
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	196514	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	202521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87670	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	57660	3.423	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.911	69	49157	3.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.563	65	26660	3.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.624	46	125656	37.774	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.540%
24) Chloroform-d	5.055	84	134589	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.695	65	65861	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.721	84	230308	3.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	6.685	67	72911	3.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.200%
41) Toluene-d8	7.894	98	198210	3.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.174	79	27200	3.567	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.631	63	98295	34.181	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.360%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55964	3.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	72068	4.182	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	1889	0.118	ug/L #	1
17) Methyl tert-butyl Ether	3.358	73	8668	0.245	ug/L #	92
35) Methylcyclohexane	6.682	83	17737	0.616	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	8947	0.491	ug/L #	88
47) Tetrachloroethene	8.547	164	4007	0.293	ug/L	90
49) Dibromochloromethane	8.550	129	4067	0.287	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	9863	1.048	ug/L #	65

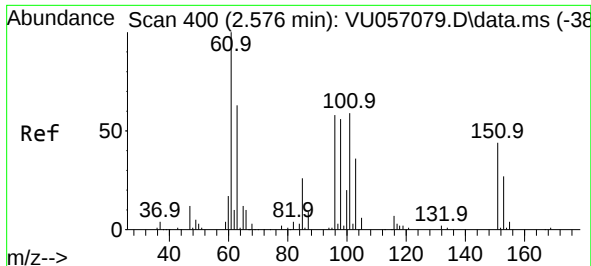
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
Data File : VU057095.D
Acq On : 20 Dec 2023 16:28
Operator : MD/SY
Sample : 05866-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 20 23:46:28 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: 0.118 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

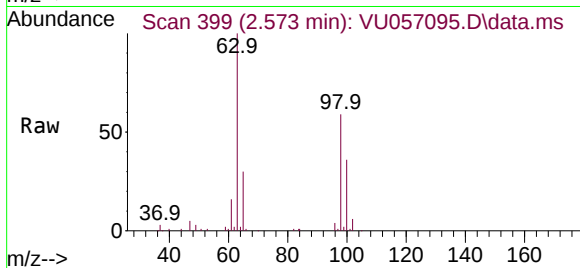
Lab File: VU057095.D

Acq: 20 Dec 2023 16:28

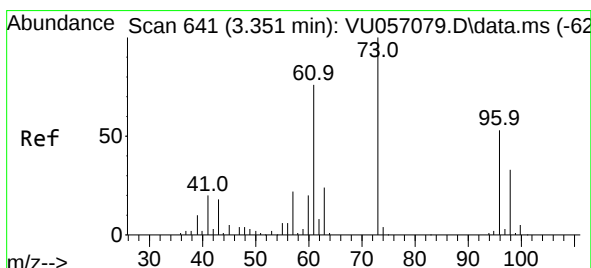
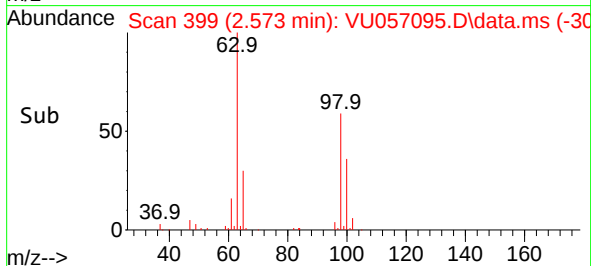
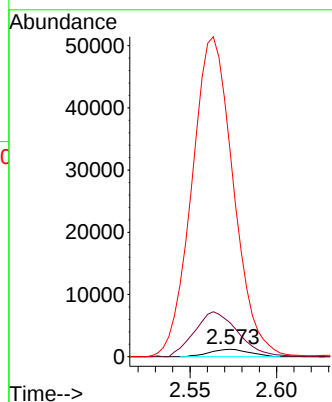
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	1889
Ion	Ratio	Lower	Upper
96	100		
61	456.9	119.0	221.0#
63	2770.2	88.7	164.7#



#17

Methyl tert-butyl Ether

Concen: 0.245 ug/L

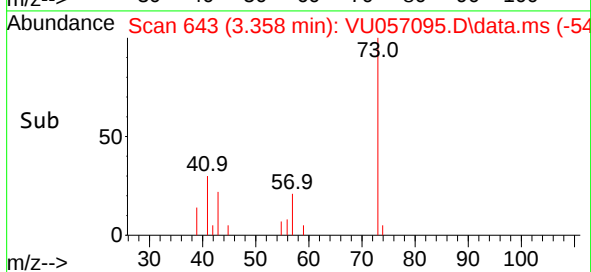
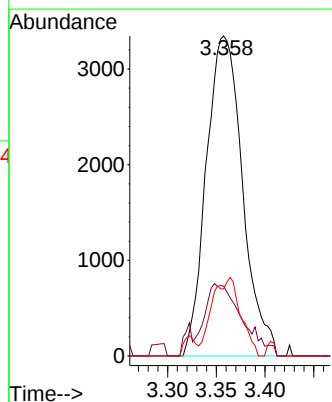
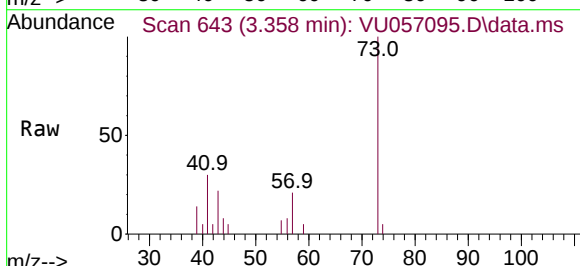
RT: 3.358 min Scan# 643

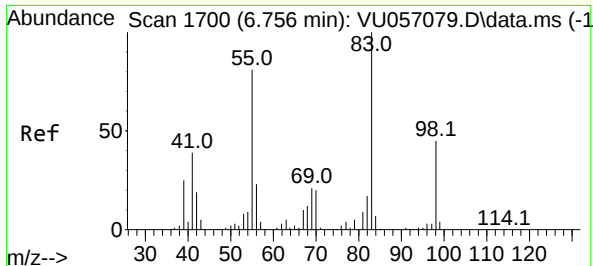
Delta R.T. 0.007 min

Lab File: VU057095.D

Acq: 20 Dec 2023 16:28

Tgt Ion:	73	Resp:	8668
Ion	Ratio	Lower	Upper
73	100		
43	22.9	14.4	21.6#
57	19.4	17.8	26.8

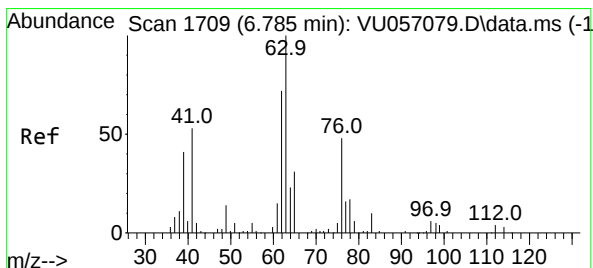
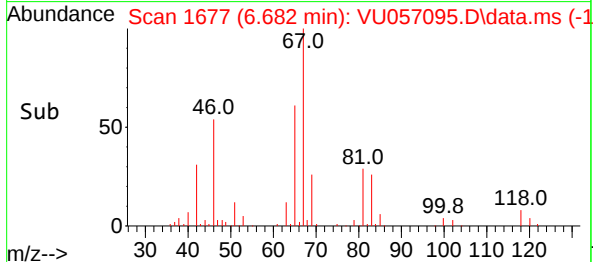
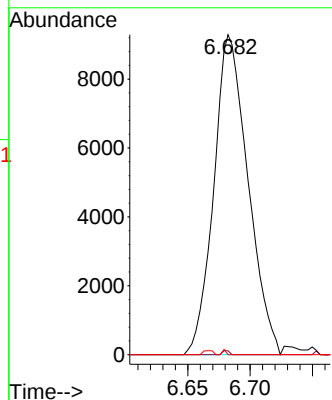
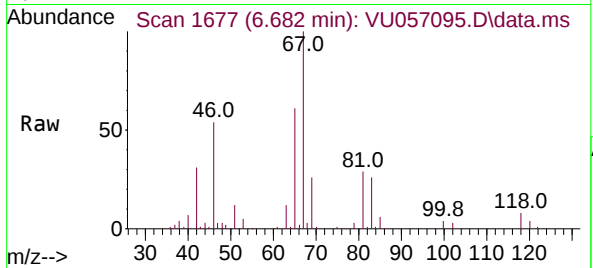




#35
Methylcyclohexane
Concen: 0.616 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057095.D
Acq: 20 Dec 2023 16:28

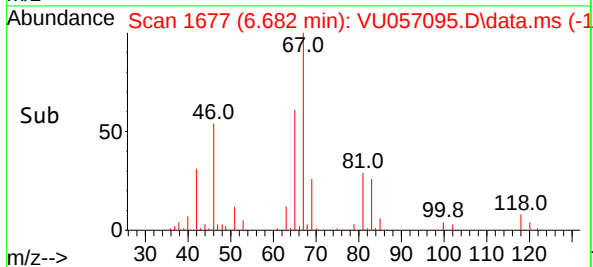
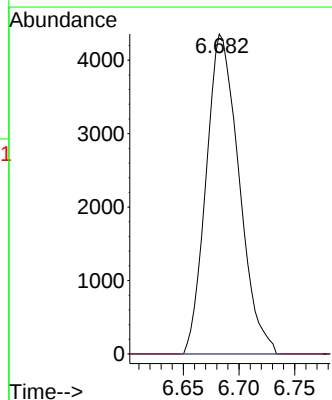
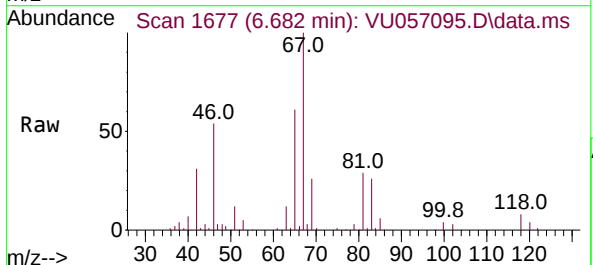
Instrument :
MSVOA_U
ClientSampleId :

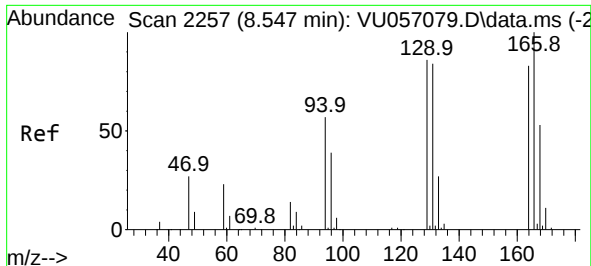
Tgt Ion: 83 Resp: 17737
Ion Ratio Lower Upper
83 100
55 0.2 64.6 97.0#
98 0.2 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057095.D
Acq: 20 Dec 2023 16:28

Tgt Ion: 63 Resp: 8947
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 0.293 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.000 min

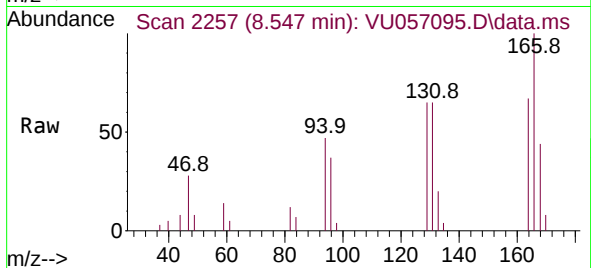
Lab File: VU057095.D

Acq: 20 Dec 2023 16:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4007

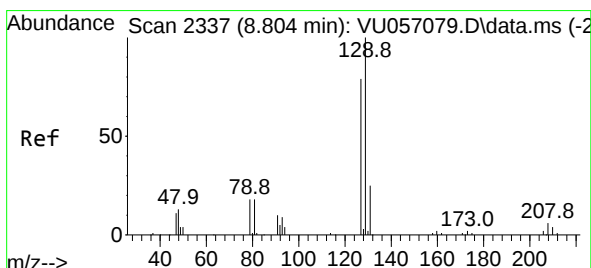
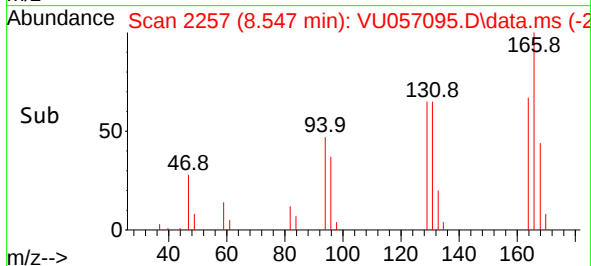
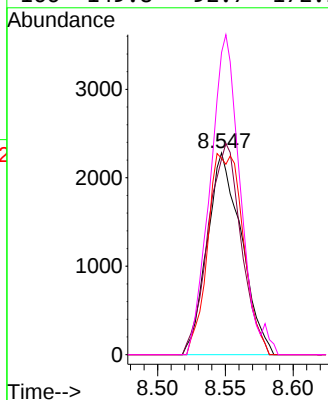
Ion Ratio Lower Upper

164 100

129 97.0 73.4 136.4

131 97.3 71.5 132.9

166 149.8 92.7 172.1



#49

Dibromochloromethane

Concen: 0.287 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU057095.D

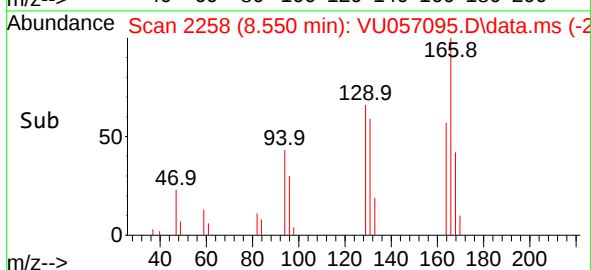
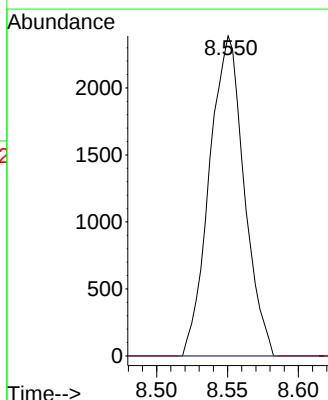
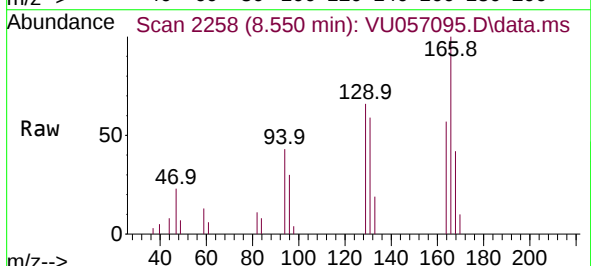
Acq: 20 Dec 2023 16:28

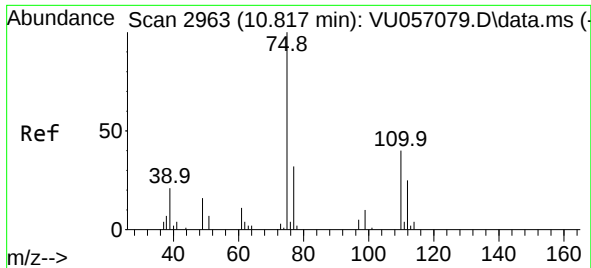
Tgt Ion:129 Resp: 4067

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#





#61

1,2,3-Trichloropropane

Concen: 1.048 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.991 min

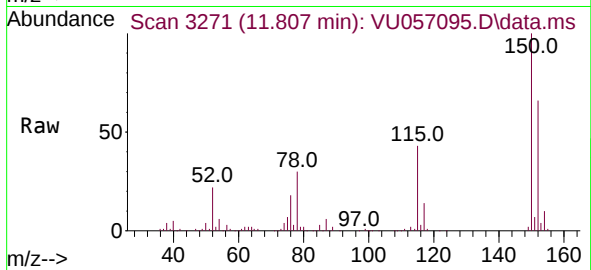
Lab File: VU057095.D

Acq: 20 Dec 2023 16:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 9863

Ion Ratio Lower Upper

75 100

110 1.6 28.4 42.6#

77 38.9 26.3 39.5

