

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057069.D
 Acq On : 20 Dec 2023 01:39
 Operator : MD/SY
 Sample : 05865-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 06:57:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 06:35:40 2023
 Response via : Initial Calibration

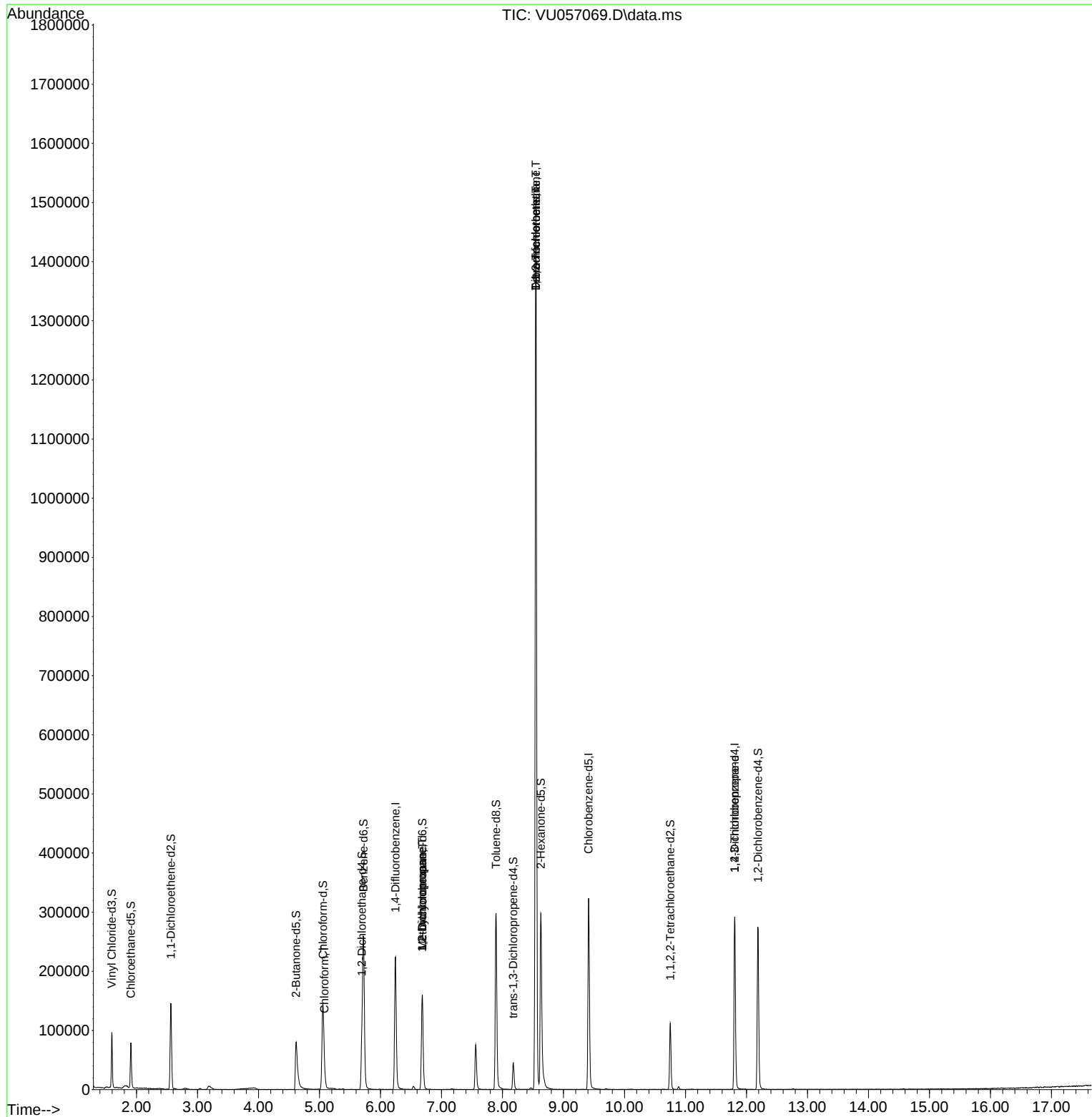
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	180692	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	184529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78798	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	65864	4.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.907	69	57534	4.964	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.563	65	28974	4.372	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.615	46	125491	41.027	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.060%
24) Chloroform-d	5.055	84	137245	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	67551	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.721	84	249193	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.685	67	75643	4.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.894	98	207718	4.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.177	79	27496	3.958	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.627	63	100694	38.429	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.860%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55276	4.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	72616	4.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
25) Chloroform	5.081	83	17476	0.583	ug/L	97
35) Methylcyclohexane	6.685	83	19257	0.734	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	8775	0.529	ug/L #	88
45) 1,1,2-Trichloroethane	8.547	97	3023	0.270	ug/L #	6
47) Tetrachloroethene	8.547	164	311579	25.027	ug/L	98
49) Dibromochloromethane	8.547	129	331427	25.709	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	10176	1.203	ug/L #	70

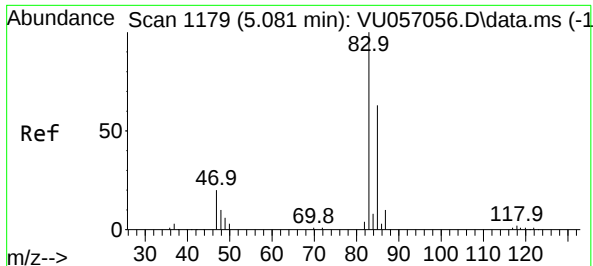
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.583 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU057069.D

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Instrument :

MSVOA_U

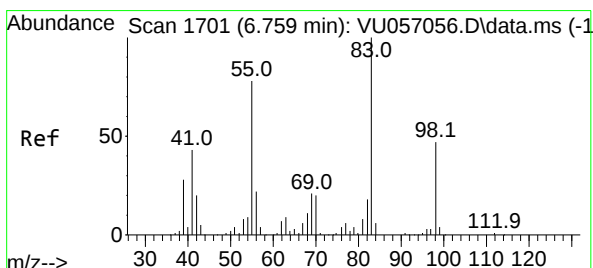
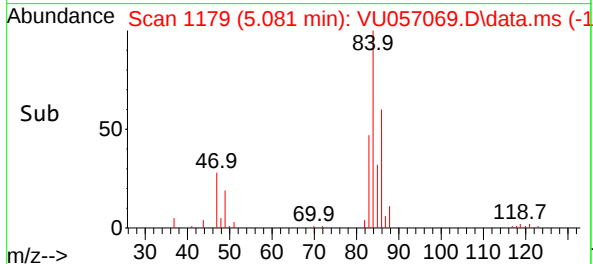
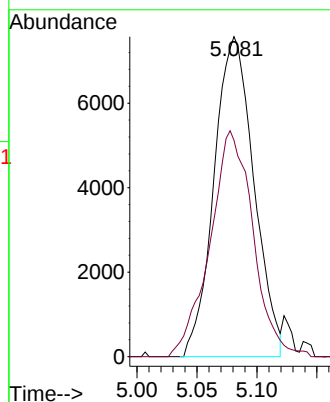
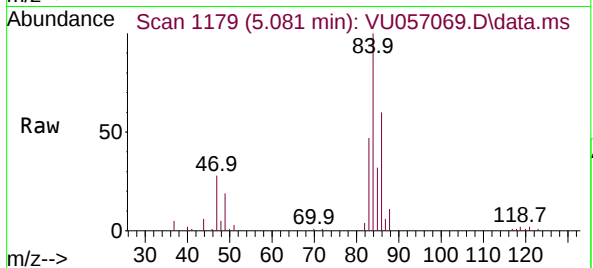
ClientSampleId :

Tgt Ion: 83 Resp: 17476

Ion Ratio Lower Upper

83 100

85 67.6 45.8 85.0



#35

Methylcyclohexane

Concen: 0.734 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU057069.D

Acq: 20 Dec 2023 01:39

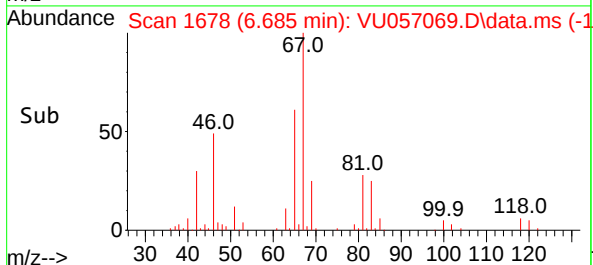
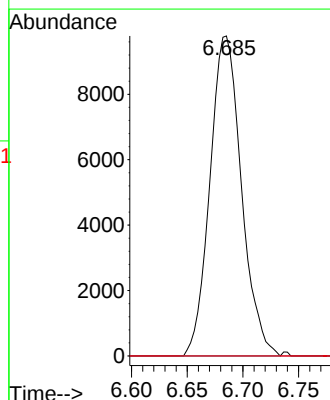
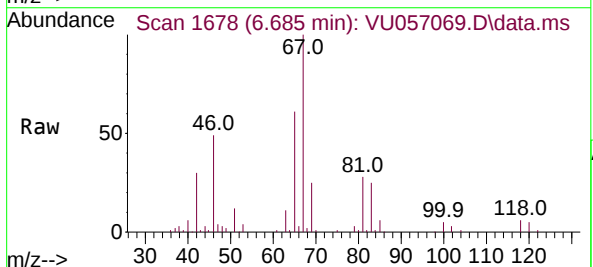
Tgt Ion: 83 Resp: 19257

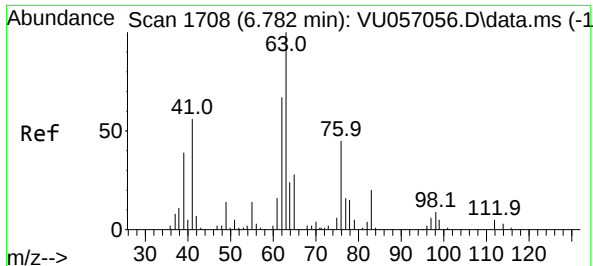
Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 0.3 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.529 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057069.D

Acq: 20 Dec 2023 01:39

Instrument :

MSVOA_U

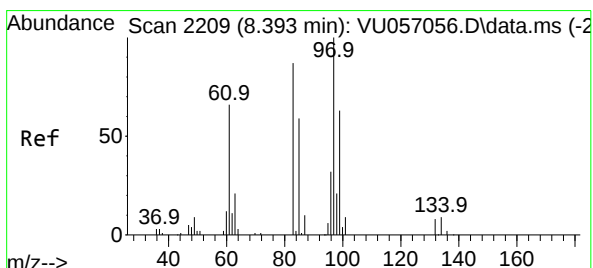
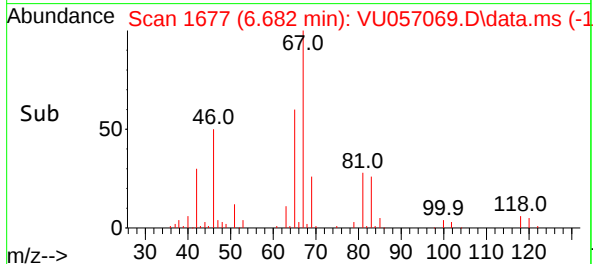
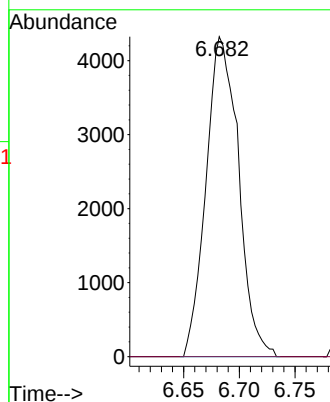
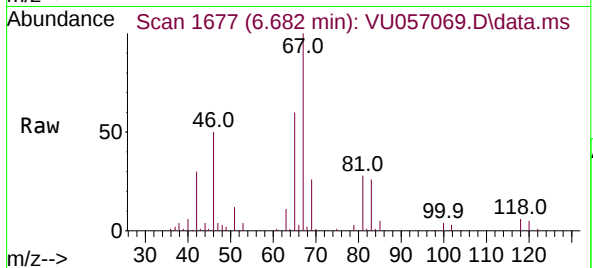
ClientSampleId :

Tgt Ion: 63 Resp: 8775

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#45

1,1,2-Trichloroethane

Concen: 0.270 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.154 min

Lab File: VU057069.D

Acq: 20 Dec 2023 01:39

Tgt Ion: 97 Resp: 3023

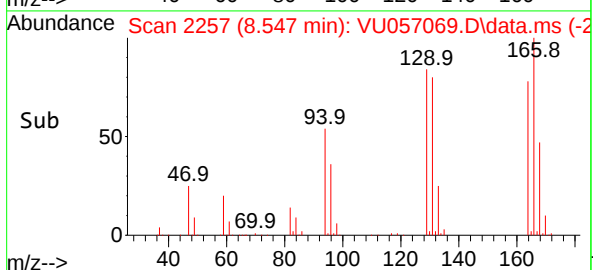
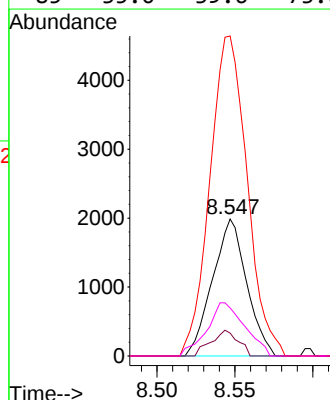
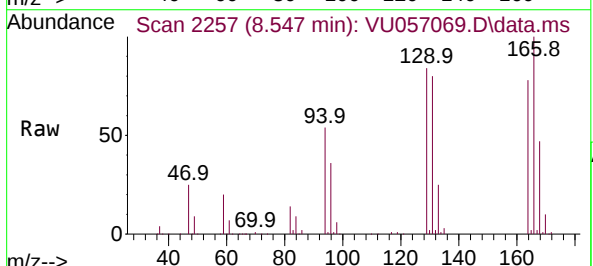
Ion Ratio Lower Upper

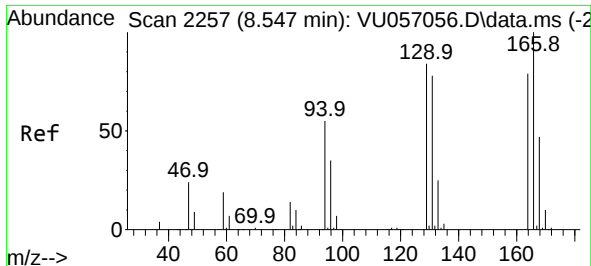
97 100

99 16.7 41.9 77.9#

83 233.7 59.1 109.7#

85 35.0 39.6 73.6#





#47

Tetrachloroethene

Concen: 25.027 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU057069.D

Acq: 20 Dec 2023 01:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 311579

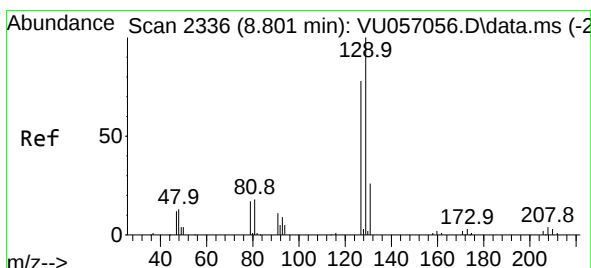
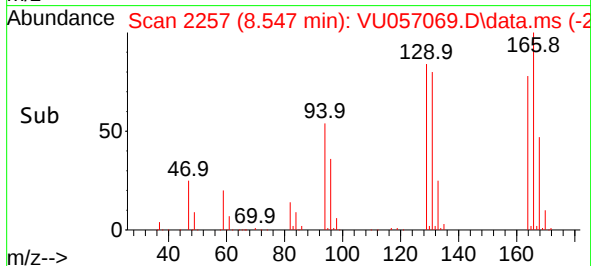
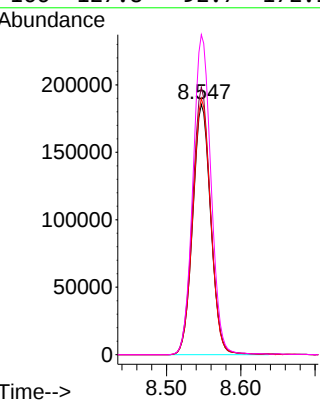
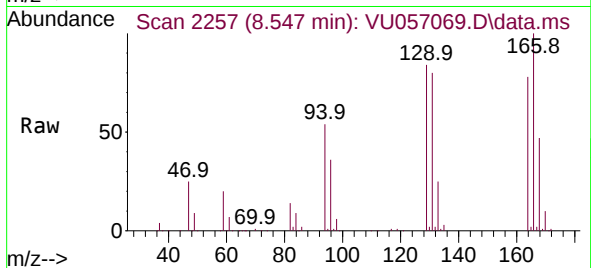
Ion Ratio Lower Upper

164 100

129 106.9 73.4 136.4

131 102.3 71.5 132.9

166 127.8 92.7 172.1



#49

Dibromochloromethane

Concen: 25.709 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU057069.D

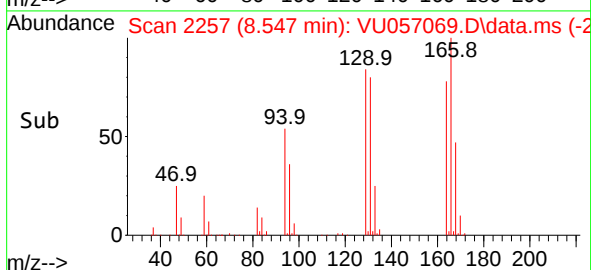
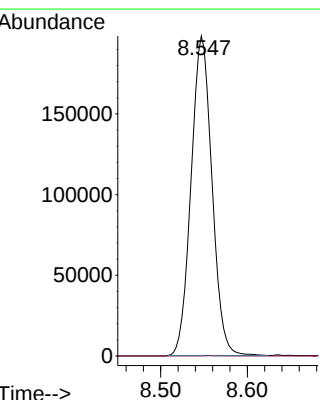
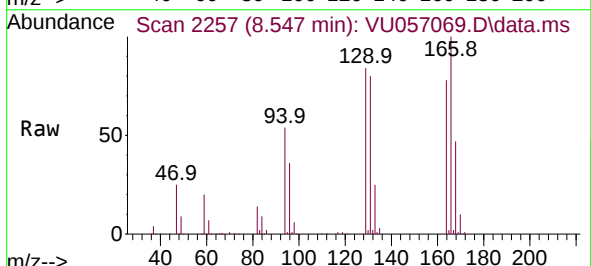
Acq: 20 Dec 2023 01:39

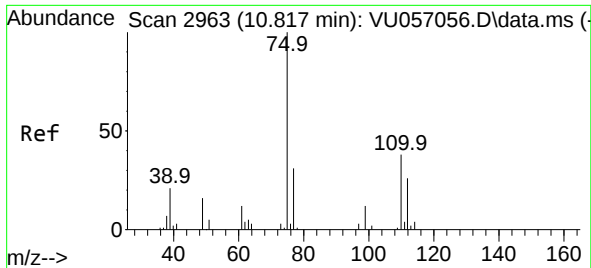
Tgt Ion:129 Resp: 331427

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#





#61

1,2,3-Trichloropropane

Concen: 1.203 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

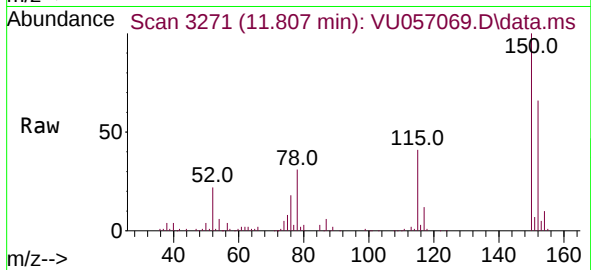
Lab File: VU057069.D

Acq: 20 Dec 2023 01:39

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 10176

Ion Ratio Lower Upper

75 100

110 2.1 28.4 42.6#

77 32.2 26.3 39.5

