

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057089.D
 Acq On : 20 Dec 2023 14:03
 Operator : MD/SY
 Sample : 05865-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 23:45:02 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

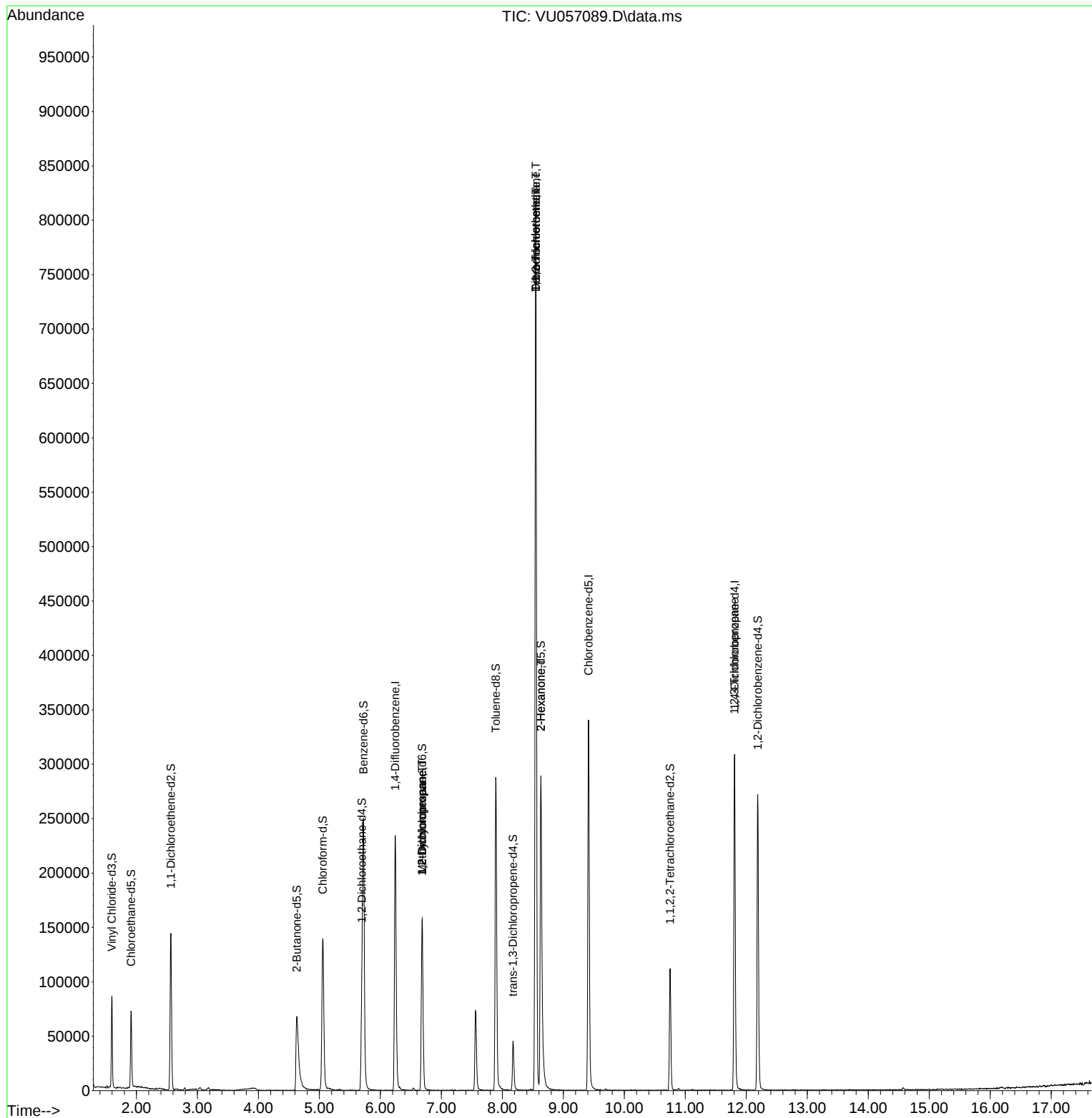
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	189641	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	195726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	83136	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59374	3.653	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.911	69	54802	4.505	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.564	65	27634	3.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.628	46	125894	39.217	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.440%
24) Chloroform-d	5.056	84	135464	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.696	65	66572	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.721	84	237710	3.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.683	67	74267	3.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.892	98	201855	3.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.175	79	27984	3.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.631	63	97907	35.228	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.460%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55789	4.058	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	70663	4.324	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.686	83	17781	0.639	ug/L #	17
37) 1,2-Dichloropropane	6.686	63	8217	0.467	ug/L #	88
45) 1,1,2-Trichloroethane	8.548	97	1524	0.128	ug/L #	4
47) Tetrachloroethene	8.548	164	171324	12.974	ug/L	98
48) 2-Hexanone	8.631	43	16434	2.762	ug/L #	87
49) Dibromochloromethane	8.548	129	180273	13.184	ug/L #	11
61) 1,2,3-Trichloropropane	11.805	75	9947	1.114	ug/L #	69

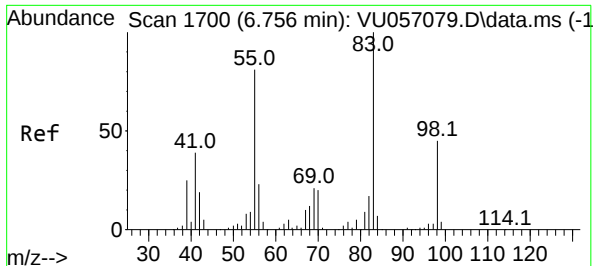
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.639 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.070 min

Lab File: VU057089.D

Acq: 20 Dec 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

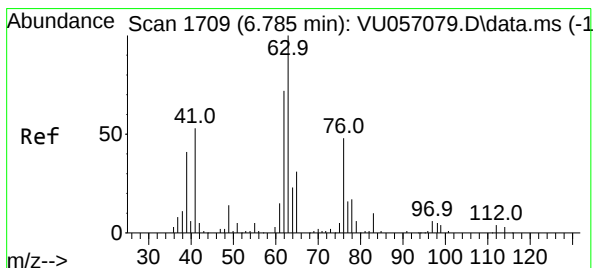
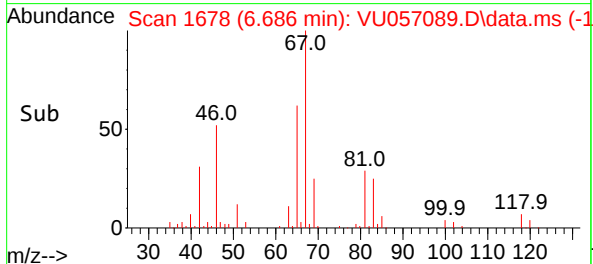
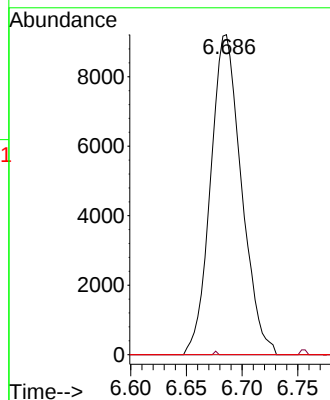
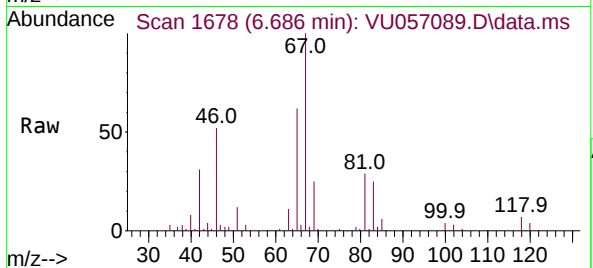
Tgt Ion: 83 Resp: 17781

Ion Ratio Lower Upper

83 100

55 0.1 64.6 97.0#

98 0.0 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.467 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.099 min

Lab File: VU057089.D

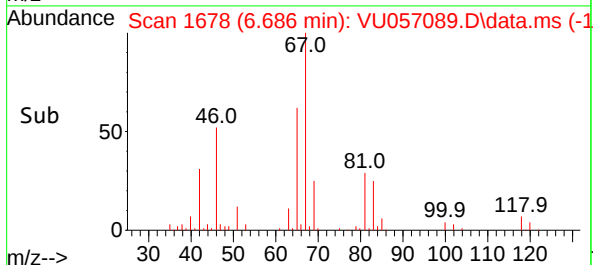
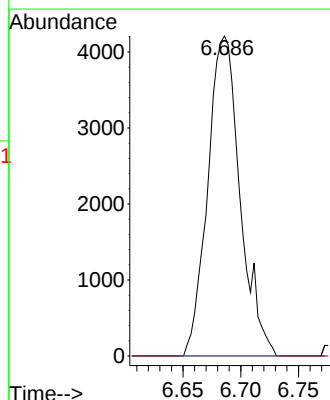
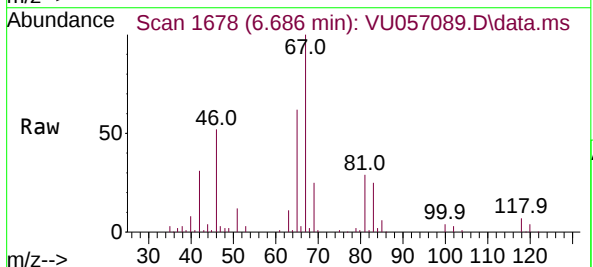
Acq: 20 Dec 2023 14:03

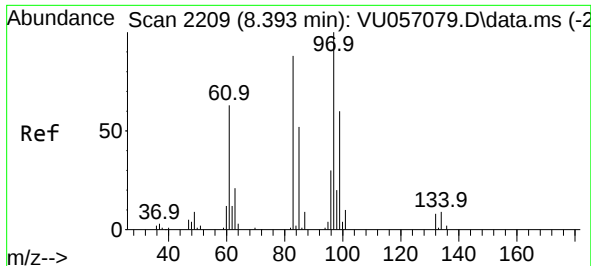
Tgt Ion: 63 Resp: 8217

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#45

1,1,2-Trichloroethane

Concen: 0.128 ug/L

RT: 8.548 min Scan# 2257

Delta R.T. 0.155 min

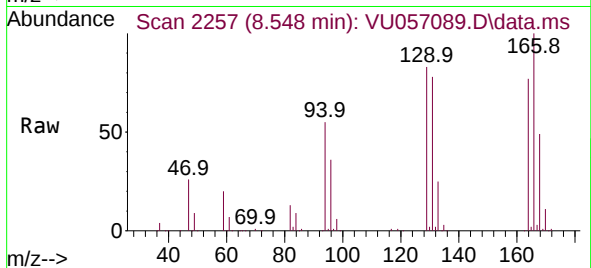
Lab File: VU057089.D

Acq: 20 Dec 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 1524

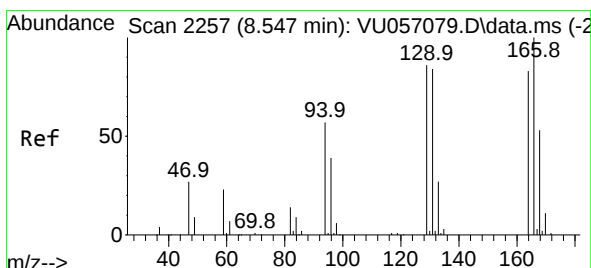
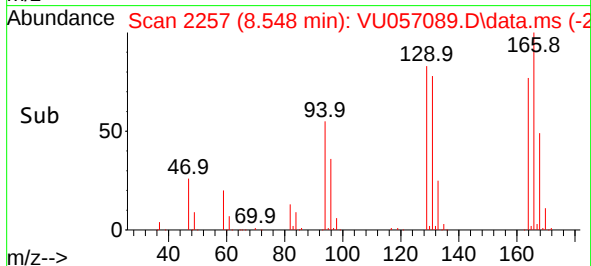
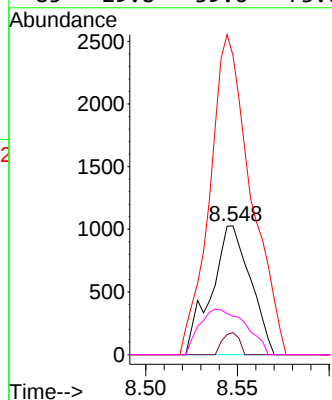
Ion Ratio Lower Upper

97 100

99 17.1 41.9 77.9#

83 232.4 59.1 109.7#

85 29.8 39.6 73.6#



#47

Tetrachloroethene

Concen: 12.974 ug/L

RT: 8.548 min Scan# 2257

Delta R.T. 0.001 min

Lab File: VU057089.D

Acq: 20 Dec 2023 14:03

Tgt Ion:164 Resp: 171324

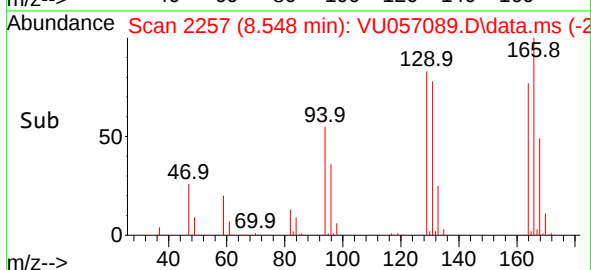
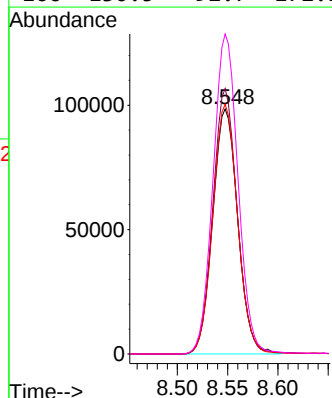
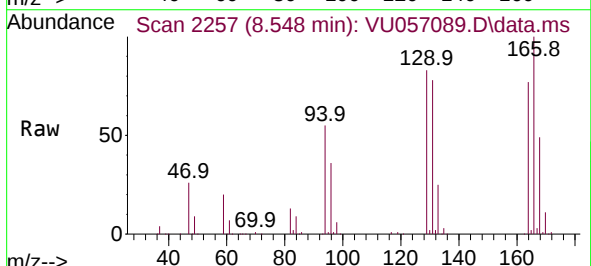
Ion Ratio Lower Upper

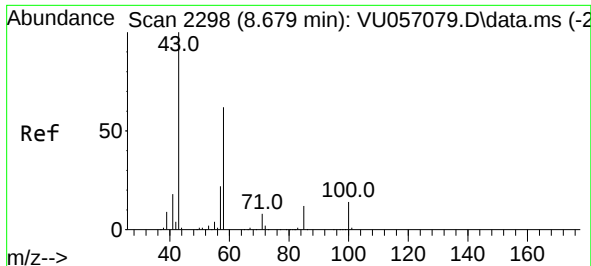
164 100

129 108.3 73.4 136.4

131 101.9 71.5 132.9

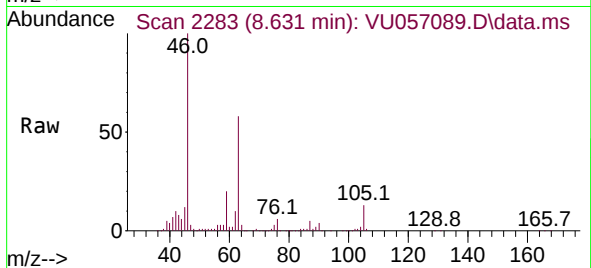
166 130.5 92.7 172.1



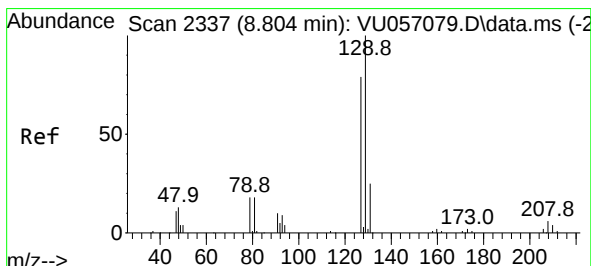
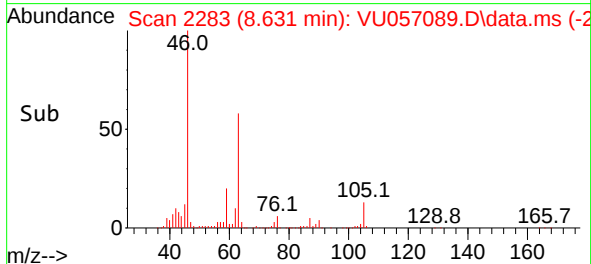
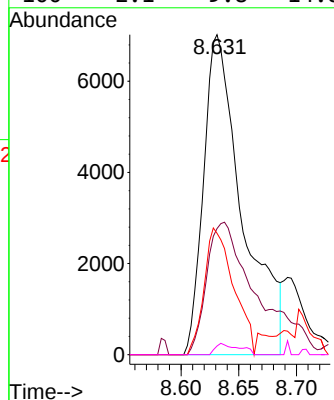


#48
2-Hexanone
Concen: 2.762 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU057089.D
Acq: 20 Dec 2023 14:03

Instrument :
MSVOA_U
ClientSampleId :

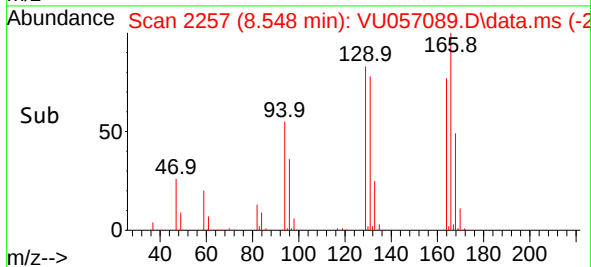
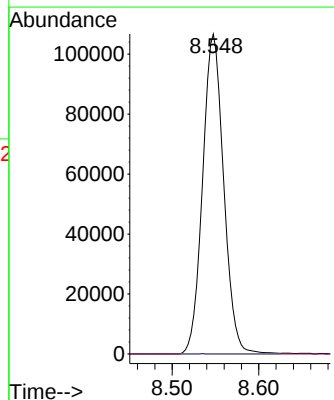
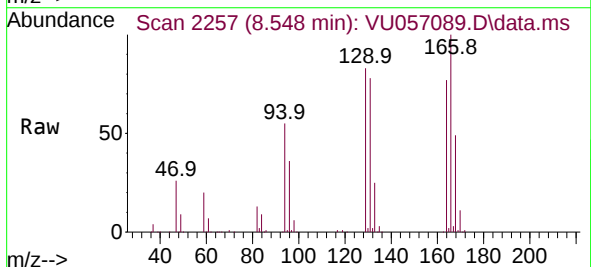


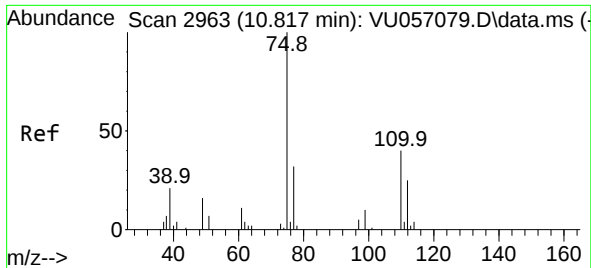
Tgt Ion: 43 Resp: 16434
Ion Ratio Lower Upper
43 100
58 53.5 47.5 71.3
57 30.0 17.0 25.4#
100 2.1 9.8 14.8#



#49
Dibromochloromethane
Concen: 13.184 ug/L
RT: 8.548 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU057089.D
Acq: 20 Dec 2023 14:03

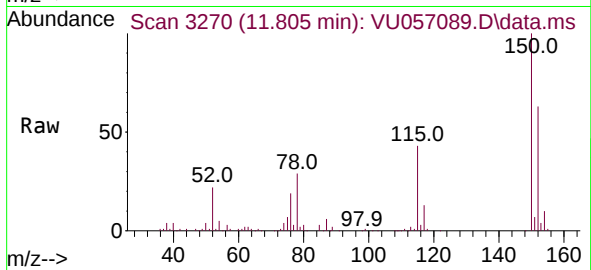
Tgt Ion:129 Resp: 180273
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.114 ug/L
 RT: 11.805 min Scan# 31
 Delta R.T. 0.988 min
 Lab File: VU057089.D
 Acq: 20 Dec 2023 14:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9947
 Ion Ratio Lower Upper
 75 100
 110 1.6 28.4 42.6#
 77 34.1 26.3 39.5

