

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056049.D
 Acq On : 01 Nov 2023 19:07
 Operator : MD/SY
 Sample : 05052-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:12:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 02:08:05 2023
 Response via : Initial Calibration

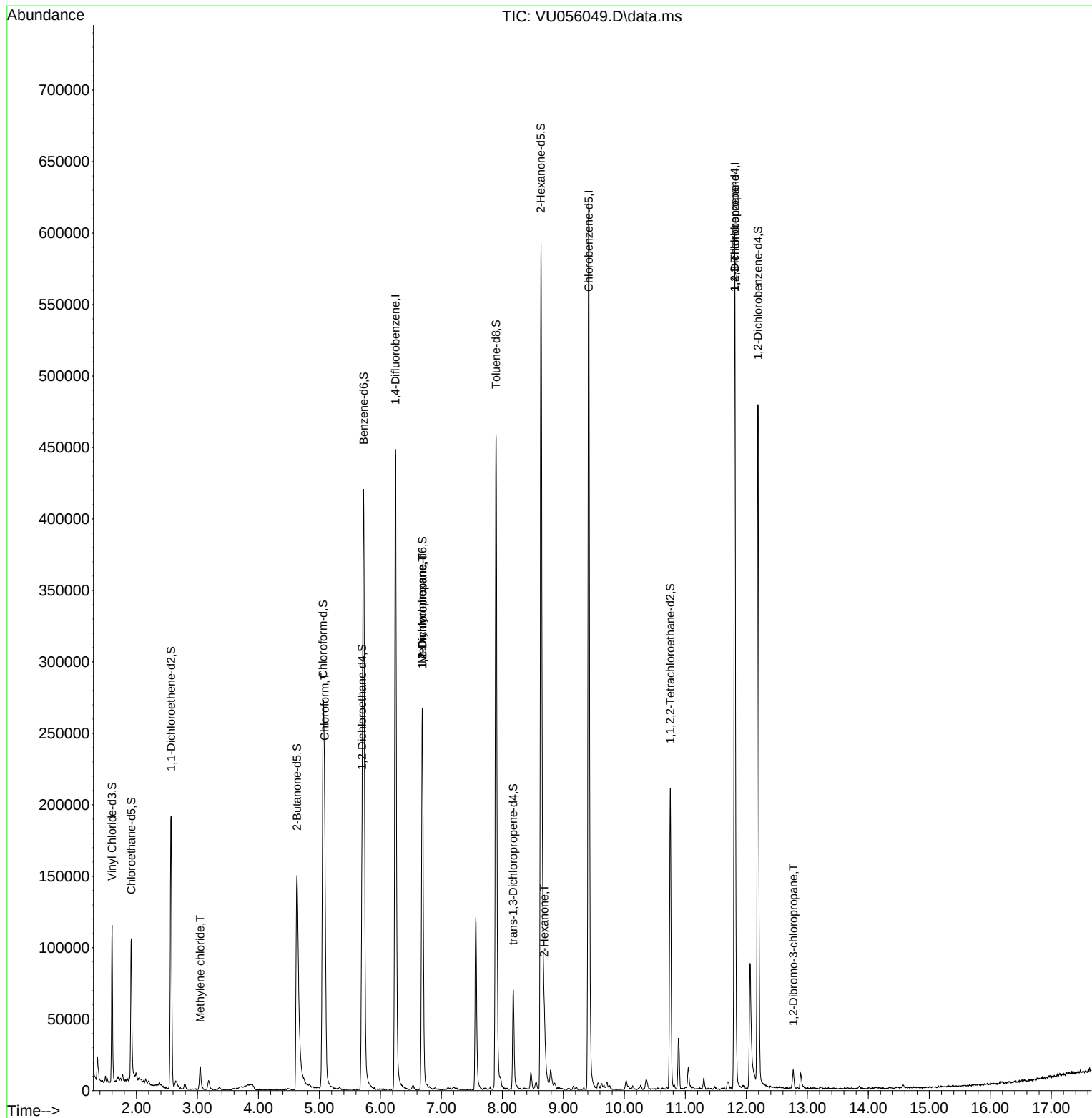
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	384214	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	379320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	168481	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	76781	2.526	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	50.600%	
7) Chloroethane-d5	1.914	69	76397	3.225	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	64.400%#	
11) 1,1-Dichloroethene-d2	2.567	65	36210	2.806	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.200%#	
20) 2-Butanone-d5	4.631	46	267634	49.360	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.720%	
24) Chloroform-d	5.059	84	223894	3.975	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.600%	
26) 1,2-Dichloroethane-d4	5.698	65	108537	3.956	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.200%	
32) Benzene-d6	5.724	84	417142	3.692	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.800%	
36) 1,2-Dichloropropane-d6	6.689	67	136839	4.085	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.800%	
41) Toluene-d8	7.894	98	336630	3.284	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.600%#	
43) trans-1,3-Dichloroprop...	8.177	79	45733	3.491	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.800%	
46) 2-Hexanone-d5	8.631	63	211518	63.604	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	127.200%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	106565	4.369	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	130032	4.137	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.800%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	8040	0.381	ug/L	83
25) Chloroform	5.084	83	150436	3.742	ug/L	100
35) Methylcyclohexane	6.685	83	33060	1.046	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	14210	0.639	ug/L #	91
48) 2-Hexanone	8.685	43	23108	2.743	ug/L #	82
61) 1,2,3-Trichloropropane	11.811	75	19218	1.661	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.769	75	496	0.240	ug/L #	1

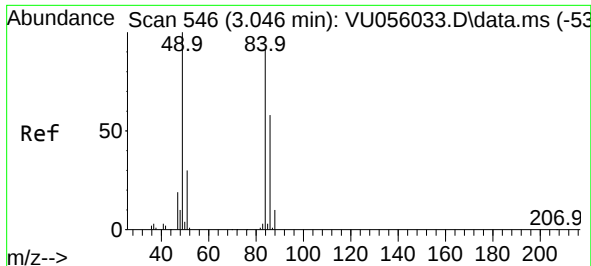
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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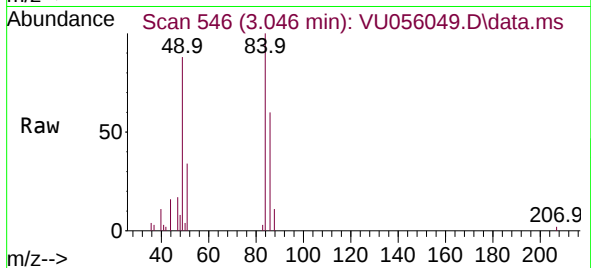
Quant Time: Nov 02 02:12:03 2023
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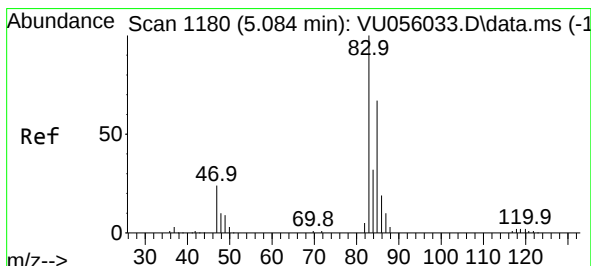
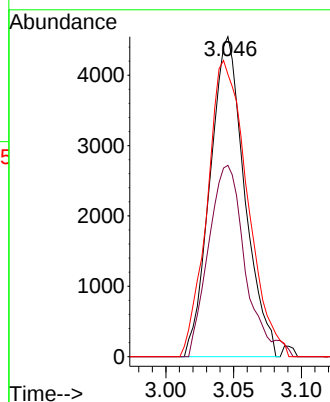
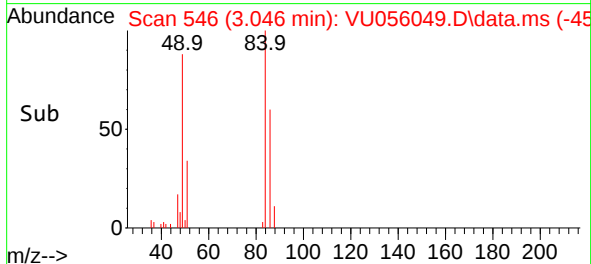


#16
Methylene chloride
Concen: 0.381 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.000 min
Lab File: VU056049.D
Acq: 01 Nov 2023 19:07

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MSVOA_U
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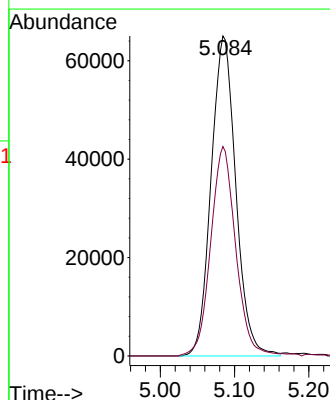
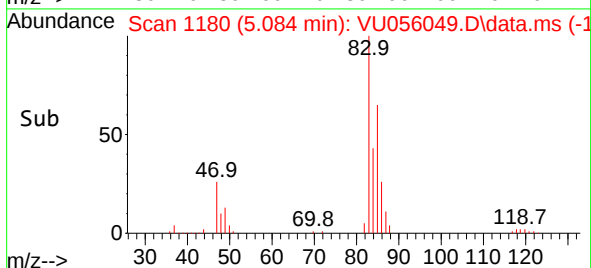
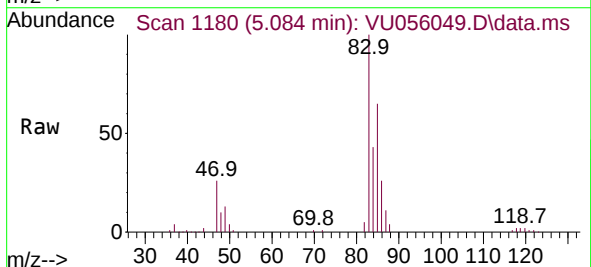


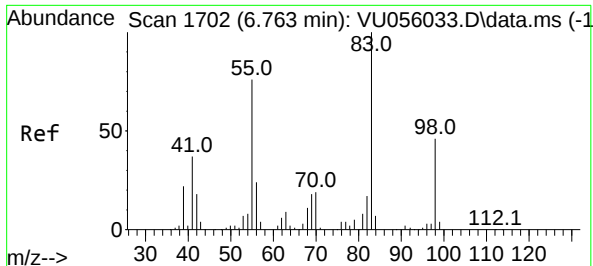
Tgt Ion: 84 Resp: 8040
Ion Ratio Lower Upper
84 100
86 59.8 45.2 84.0
49 88.2 78.8 146.3



#25
Chloroform
Concen: 3.742 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU056049.D
Acq: 01 Nov 2023 19:07

Tgt Ion: 83 Resp: 150436
Ion Ratio Lower Upper
83 100
85 65.4 45.6 84.8





#35

Methylcyclohexane

Concen: 1.046 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056049.D

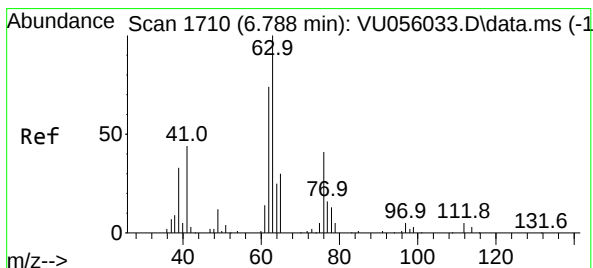
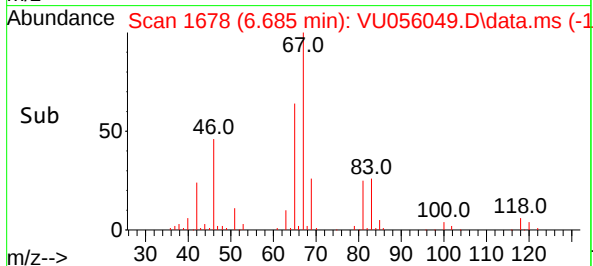
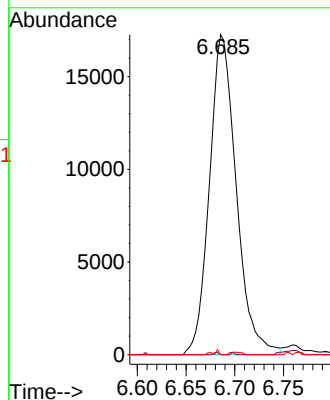
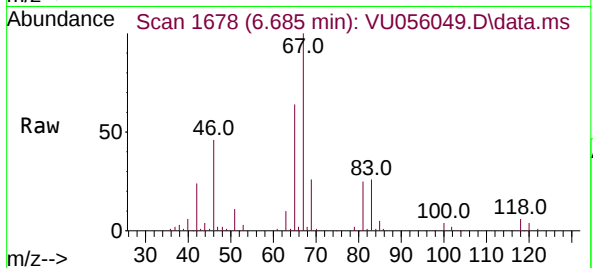
Acq: 01 Nov 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 33060
Ion Ratio	Lower Upper
83 100	
55 0.1	62.4 93.6#
98 0.2	37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.639 ug/L

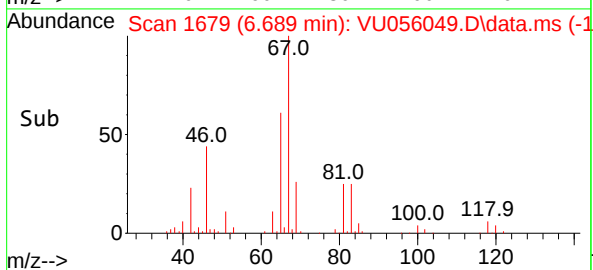
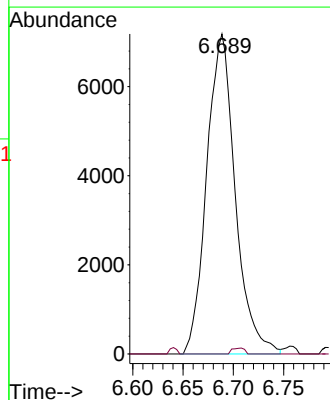
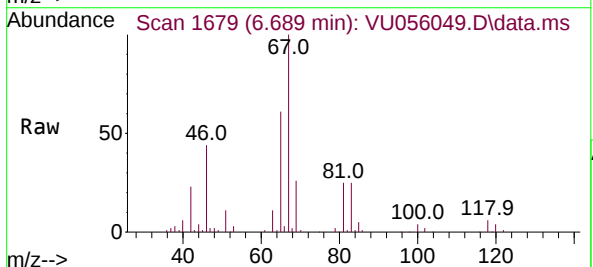
RT: 6.689 min Scan# 1679

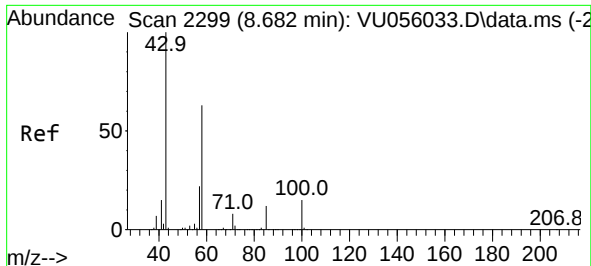
Delta R.T. -0.100 min

Lab File: VU056049.D

Acq: 01 Nov 2023 19:07

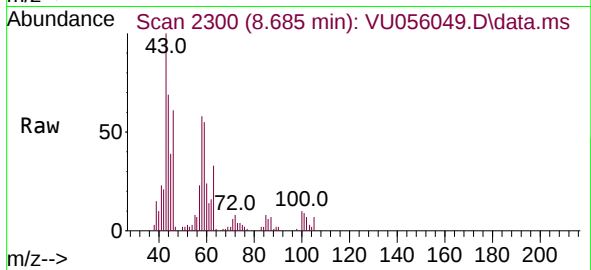
Tgt Ion: 63	Resp: 14210
Ion Ratio	Lower Upper
63 100	
112 0.8	3.1 4.7#



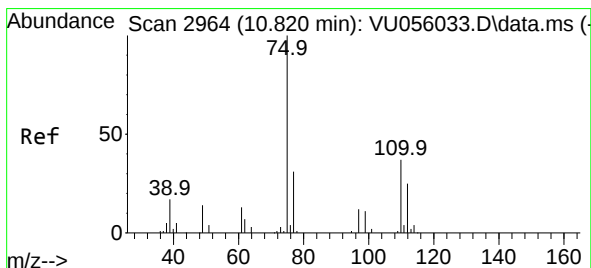
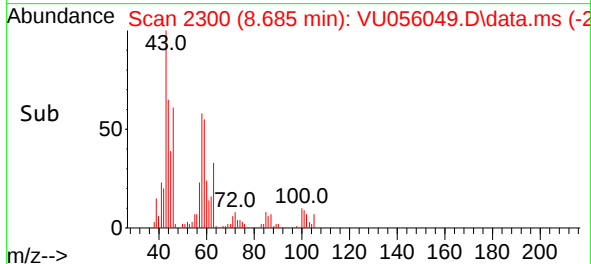
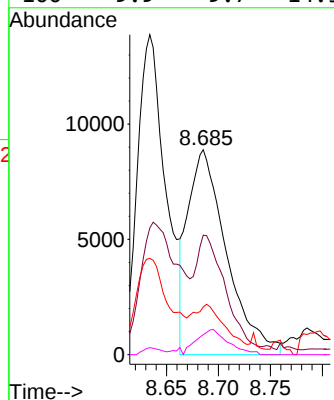


#48
2-Hexanone
Concen: 2.743 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056049.D
Acq: 01 Nov 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :

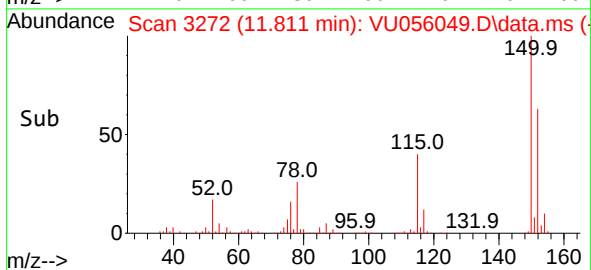
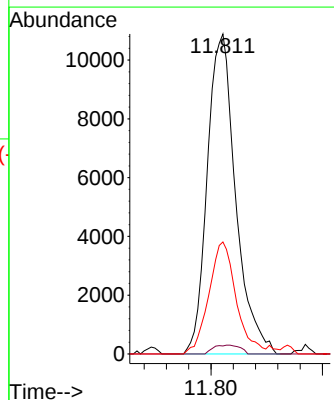
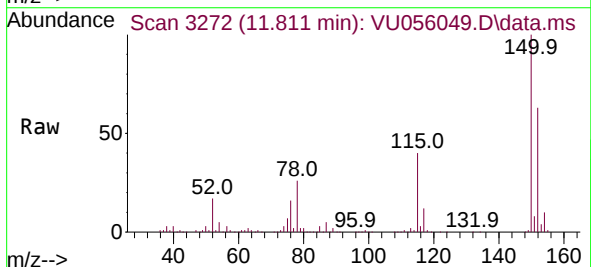


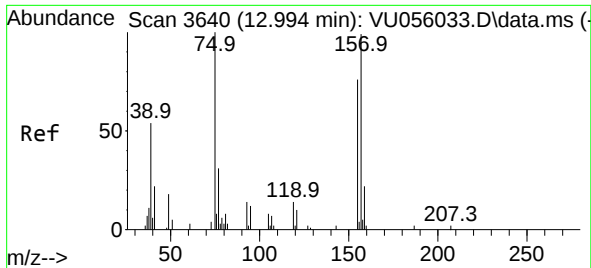
Tgt Ion:	43	Resp:	23108
Ion	Ratio	Lower	Upper
43	100		
58	41.6	49.5	74.3#
57	21.0	16.9	25.3
100	9.9	9.7	14.5



#61
1,2,3-Trichloropropane
Concen: 1.661 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU056049.D
Acq: 01 Nov 2023 19:07

Tgt Ion:	75	Resp:	19218
Ion	Ratio	Lower	Upper
75	100		
110	2.6	29.0	43.6#
77	33.8	24.5	36.7





#68

1,2-Dibromo-3-chloropropane

Concen: 0.240 ug/L

RT: 12.769 min Scan# 3

Delta R.T. -0.225 min

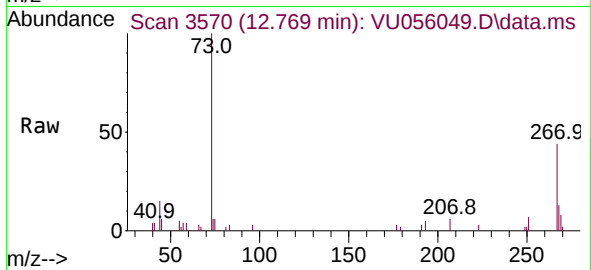
Lab File: VU056049.D

Acq: 01 Nov 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 496

Ion Ratio Lower Upper

75 100

155 0.0 65.3 97.9#

157 0.0 87.9 131.9#

