

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042923\
 Data File : VU053971.D
 Acq On : 28 Apr 2023 15:59
 Operator : JC/MD
 Sample : 02499-22ME
 Misc : 5.57g/5.0mL/100uL//5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:31:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 14 01:54:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

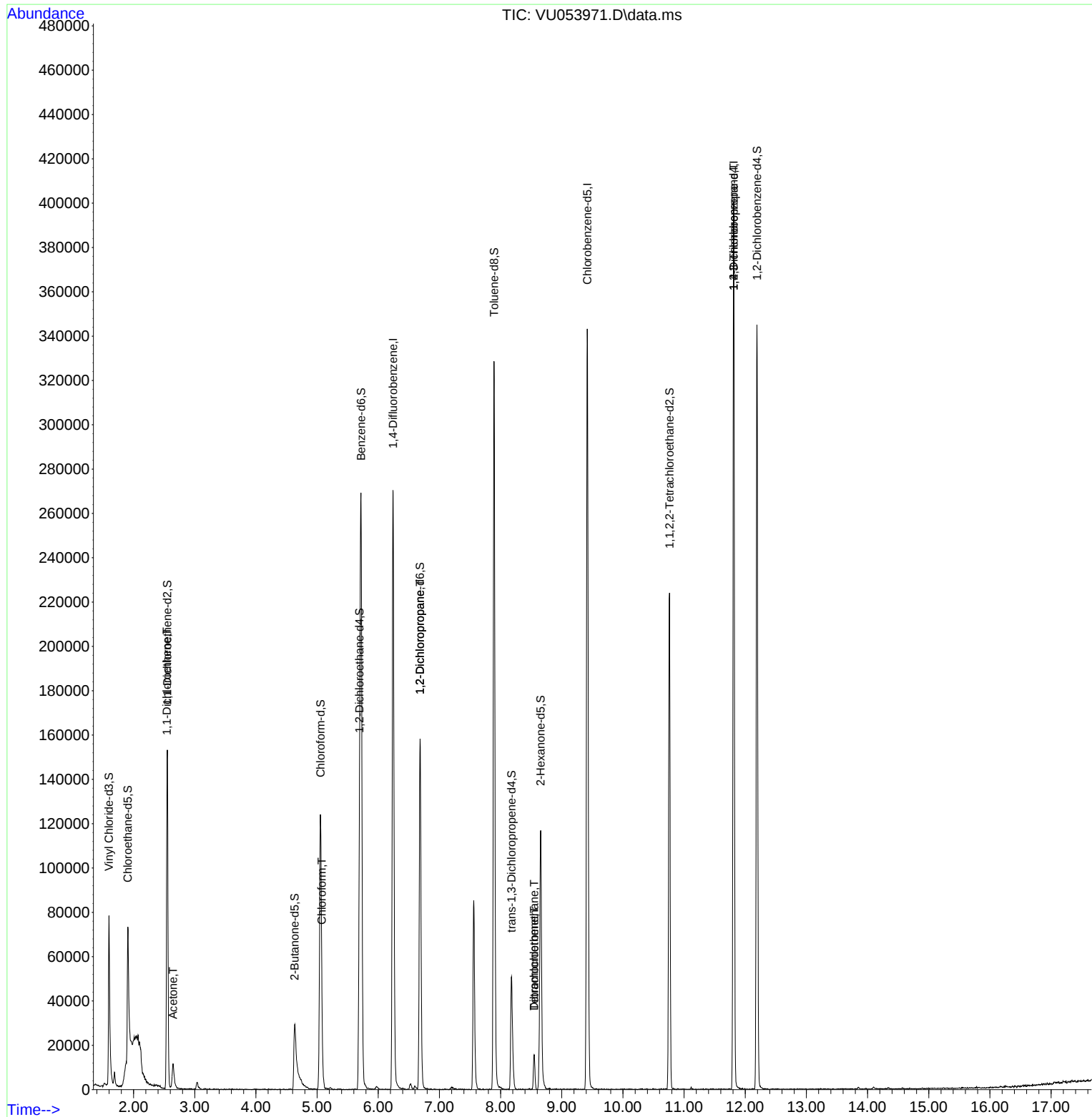
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	242273	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236383	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	111130	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70328	37.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.560%
7) Chloroethane-d5	1.906	69	52817	36.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.620%
11) 1,1-Dichloroethene-d2	2.552	63	84567	28.959	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.920%#
21) 2-Butanone-d5	4.633	46	57761	67.626	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.630%
24) Chloroform-d	5.057	84	116885	37.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.920%
26) 1,2-Dichloroethane-d4	5.694	65	74793	40.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.140%
32) Benzene-d6	5.719	84	259518	40.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.340%
36) 1,2-Dichloropropane-d6	6.684	67	80316	41.182	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.360%
41) Toluene-d8	7.893	98	241637	38.102	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.200%#
43) trans-1,3-Dichloroprop...	8.179	79	38773	38.515	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.020%
47) 2-Hexanone-d5	8.655	63	50171	75.377	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.380%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	111024	40.390	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.780%
66) 1,2-Dichlorobenzene-d4	12.192	152	96277	41.504	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.546	96	790	0.531	ug/L #	1
13) Acetone	2.646	43	15652	20.391	ug/L	94
25) Chloroform	5.076	83	6270	2.209	ug/L	94
37) 1,2-Dichloropropane	6.684	63	8141	5.206	ug/L #	86
46) Tetrachloroethene	8.549	164	3765	2.436	ug/L	93
49) Dibromochloromethane	8.549	129	3691	2.067	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	11804	7.326	ug/L #	63

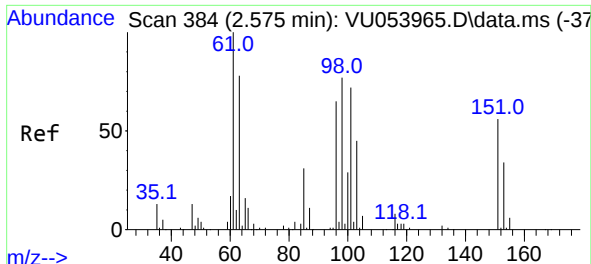
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.531 ug/L

RT: 2.546 min Scan# 31

Delta R.T. -0.029 min

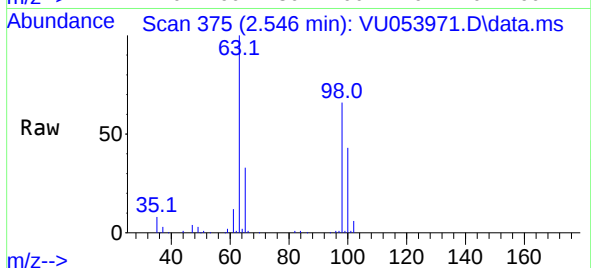
Lab File: VU053971.D

Acq: 28 Apr 2023 15:59

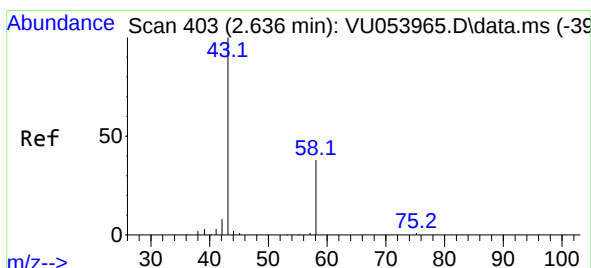
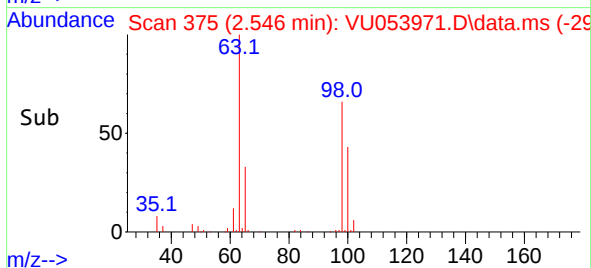
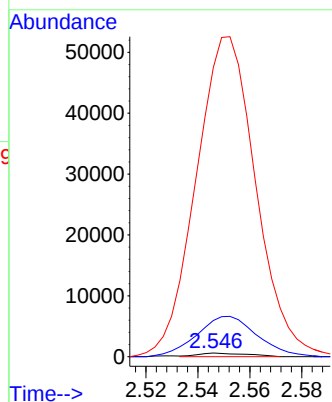
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	790
Ion	Ratio	Lower	Upper
96	100		
61	984.9	107.9	200.5#
63	7889.7	79.1	146.9#



#13

Acetone

Concen: 20.391 ug/L

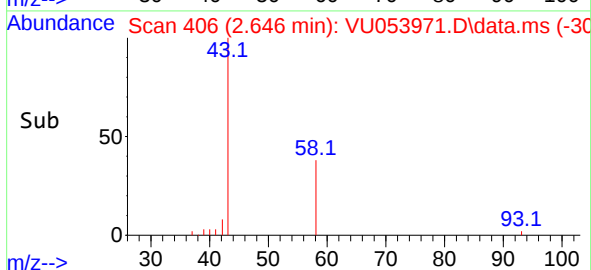
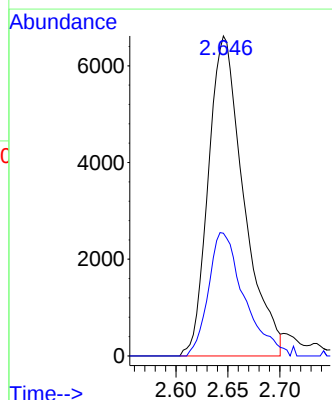
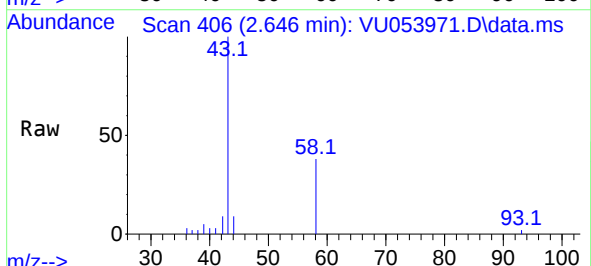
RT: 2.646 min Scan# 406

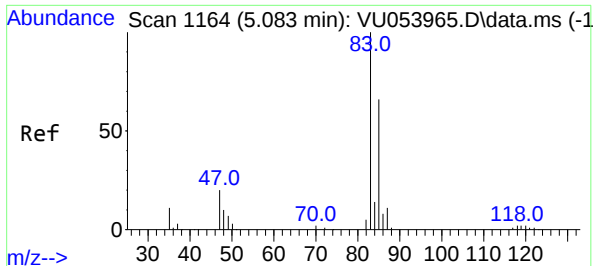
Delta R.T. 0.029 min

Lab File: VU053971.D

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Tgt Ion:	43	Resp:	15652
Ion	Ratio	Lower	Upper
43	100		
58	38.8	0.0	70.2





#25

Chloroform

Concen: 2.209 ug/L

RT: 5.076 min Scan# 1162

Delta R.T. -0.007 min

Lab File: VU053971.D

Acq: 28 Apr 2023 15:59

Instrument :

MSVOA_U

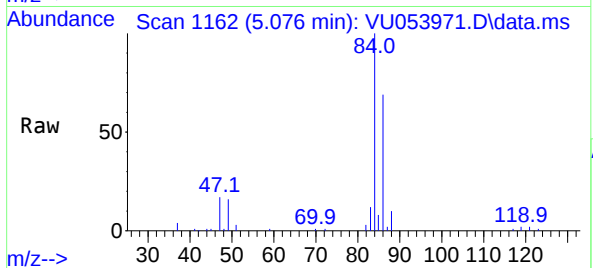
ClientSampleId :

Tgt Ion: 83 Resp: 6270

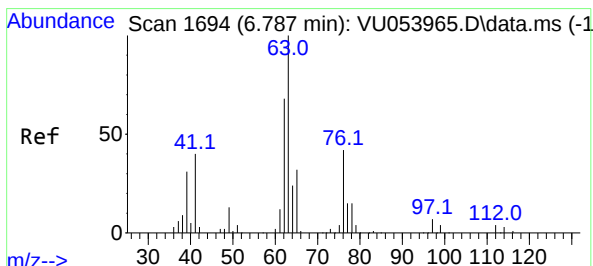
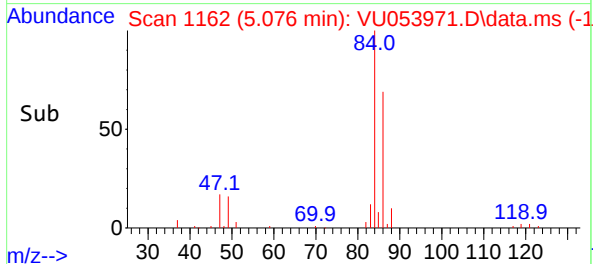
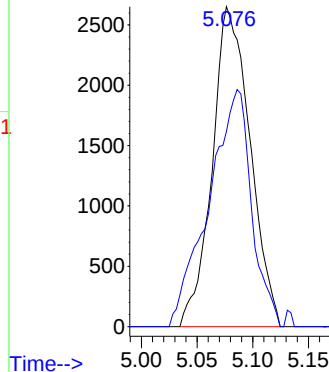
Ion Ratio Lower Upper

83 100

85 61.0 46.1 85.5



Abundance



#37

1,2-Dichloropropane

Concen: 5.206 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053971.D

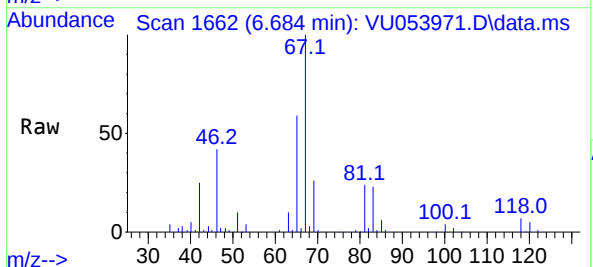
Acq: 28 Apr 2023 15:59

Tgt Ion: 63 Resp: 8141

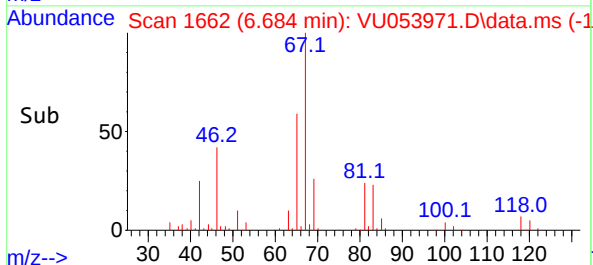
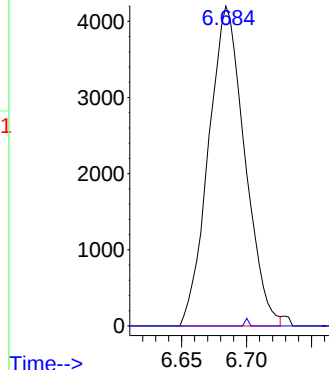
Ion Ratio Lower Upper

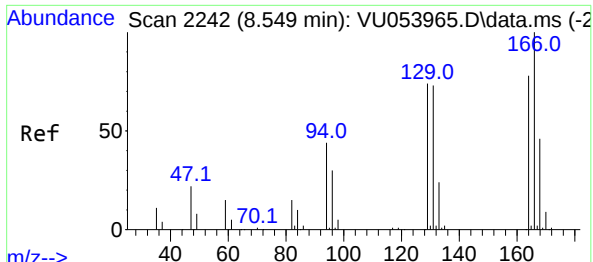
63 100

112 0.0 3.8 5.6#



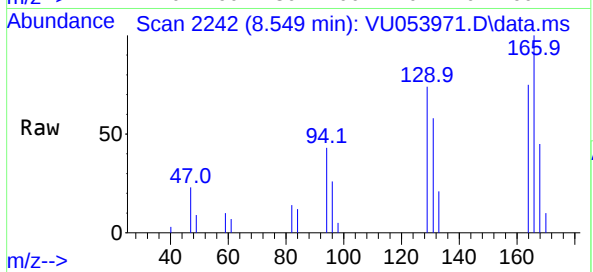
Abundance



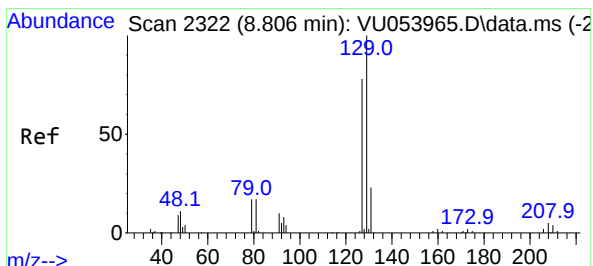
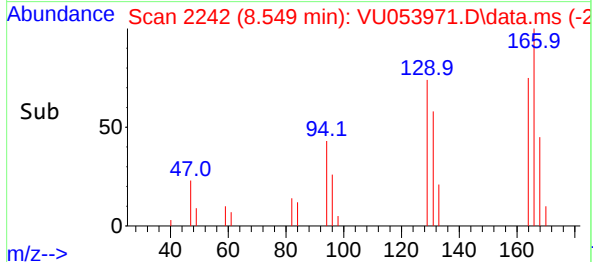
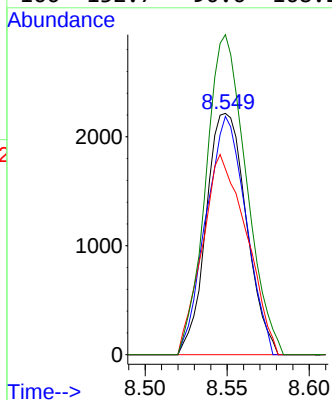


#46
Tetrachloroethene
Concen: 2.436 ug/L
RT: 8.549 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU053971.D
Acq: 28 Apr 2023 15:59

Instrument :
MSVOA_U
ClientSampleId :

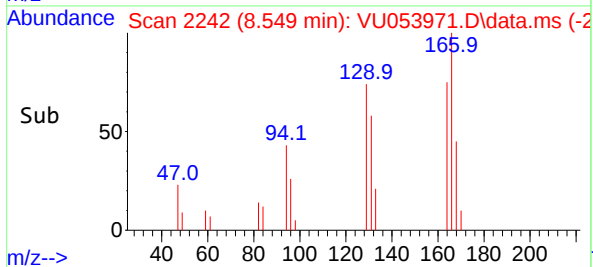
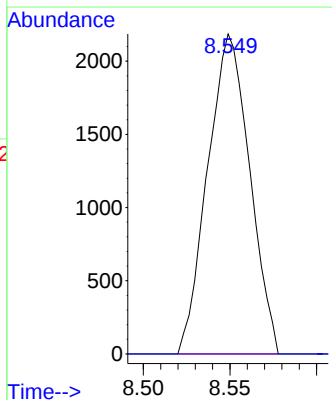
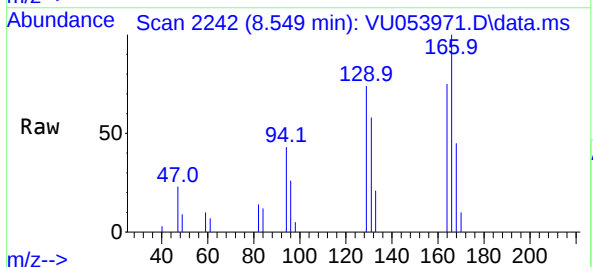


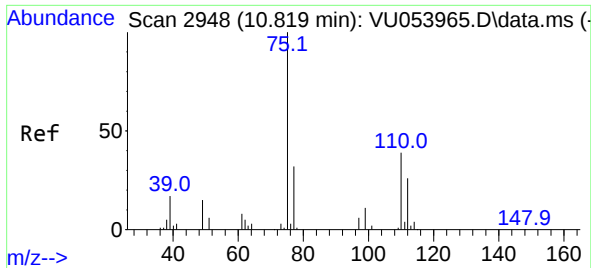
Tgt Ion:164 Resp: 3765
Ion Ratio Lower Upper
164 100
129 98.7 64.0 119.0
131 77.0 61.9 115.1
166 132.7 90.6 168.2



#49
Dibromochloromethane
Concen: 2.067 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053971.D
Acq: 28 Apr 2023 15:59

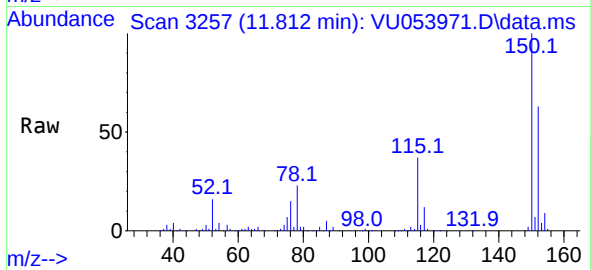
Tgt Ion:129 Resp: 3691
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#60
 1,2,3-Trichloropropane
 Concen: 7.326 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU053971.D
 Acq: 28 Apr 2023 15:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	11804
Ion	Ratio	Lower	Upper
75	100		
77	36.8	26.0	39.0
110	2.8	32.6	48.8#

