

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
 Data File : VU053076.D
 Acq On : 13 Feb 2023 13:23
 Operator : JC/MD
 Sample : 01512-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B83

Quant Time: Feb 14 00:46:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 14 00:41:52 2023
 Response via : Initial Calibration

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

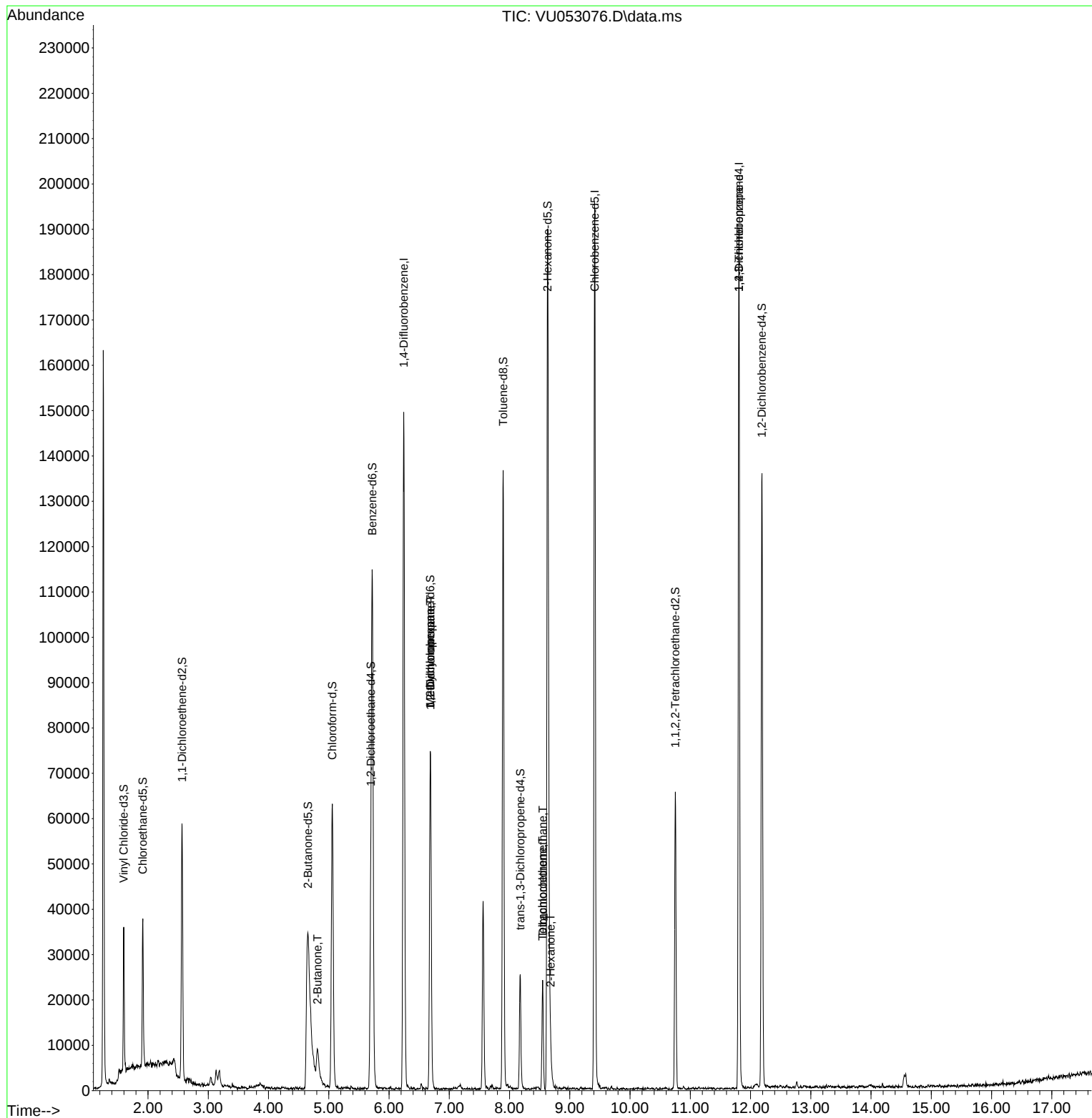
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	121578	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	106585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	46753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	22210	3.813	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.913	69	23318	4.259	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.566	65	10676	3.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.653	46	89799	50.342	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.680%
24) Chloroform-d	5.058	84	57690	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.698	65	30231	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.723	84	109334	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.685	67	38286	4.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.894	98	93455	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.177	79	15159	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.630	63	74905	49.959	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.920%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	33362	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.186	152	33804	4.840	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
21) 2-Butanone	4.810	43	11290	5.968	ug/L #	46
35) Methylcyclohexane	6.685	83	8694	0.621	ug/L #	21
37) 1,2-Dichloropropane	6.688	63	4016	0.480	ug/L #	90
47) Tetrachloroethene	8.546	164	4713	0.839	ug/L	95
48) 2-Hexanone	8.681	43	3775	1.178	ug/L #	83
49) Dibromochloromethane	8.550	129	5163	0.786	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	6706	1.494	ug/L #	69

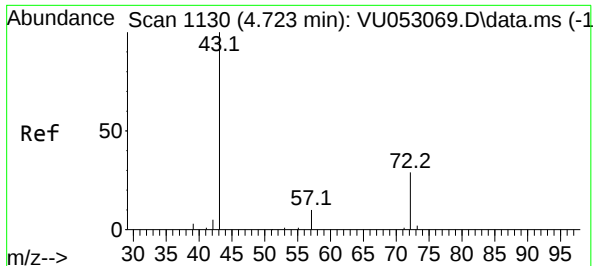
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 5.968 ug/L

RT: 4.810 min Scan# 11290

Delta R.T. 0.087 min

Lab File: VU053076.D

Acq: 13 Feb 2023 13:23

Instrument :

MSVOA_U

ClientSampleId :

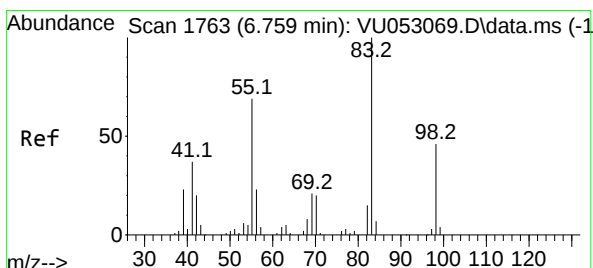
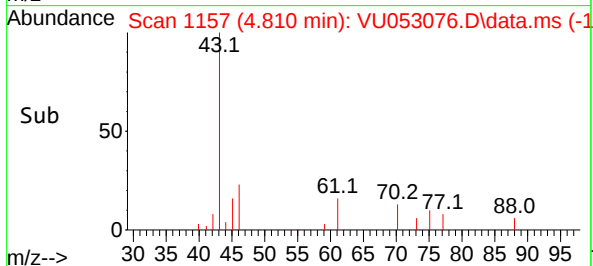
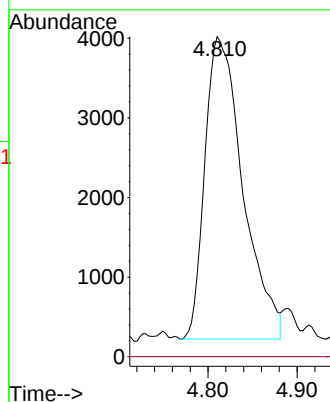
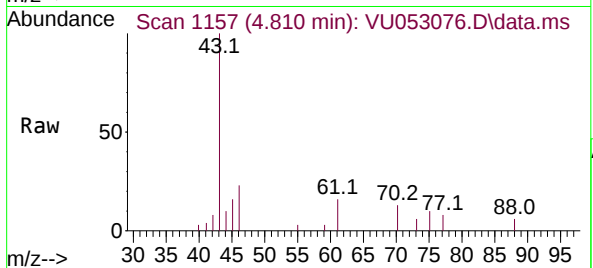
C0B83

Tgt Ion: 43 Resp: 11290

Ion Ratio Lower Upper

43 100

72 0.0 14.5 43.5#



#35

Methylcyclohexane

Concen: 0.621 ug/L

RT: 6.685 min Scan# 1740

Delta R.T. -0.074 min

Lab File: VU053076.D

Acq: 13 Feb 2023 13:23

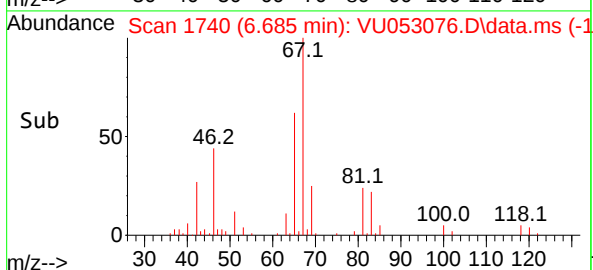
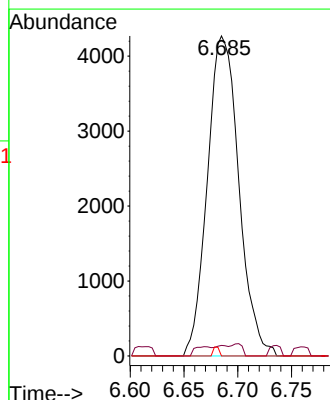
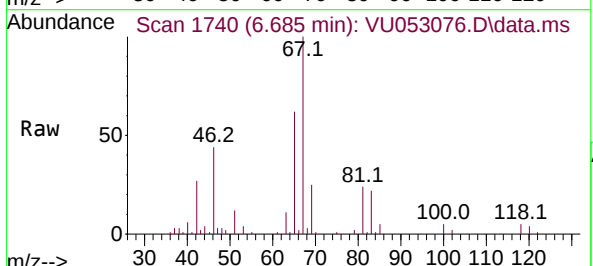
Tgt Ion: 83 Resp: 8694

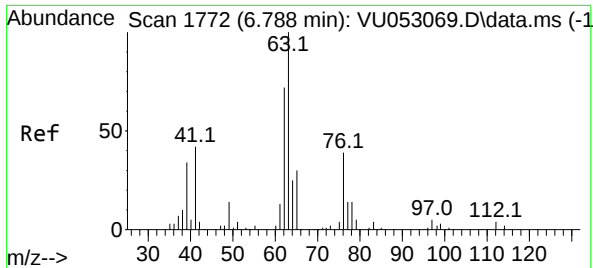
Ion Ratio Lower Upper

83 100

55 1.4 57.9 86.9#

98 0.5 36.4 54.6#

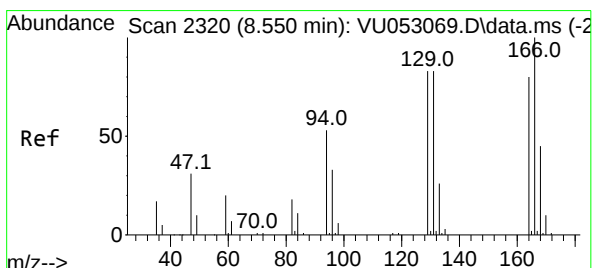
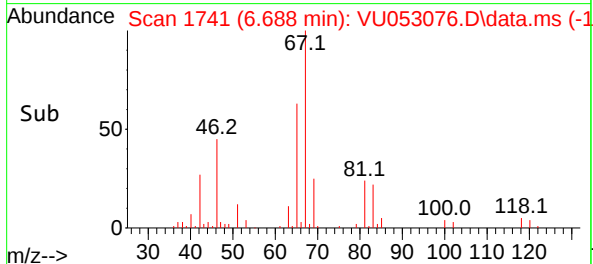
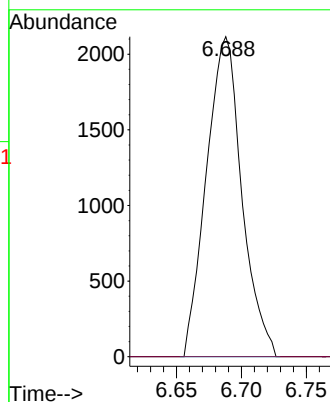
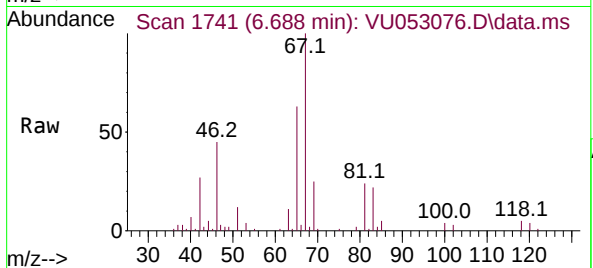




#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.688 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU053076.D
Acq: 13 Feb 2023 13:23

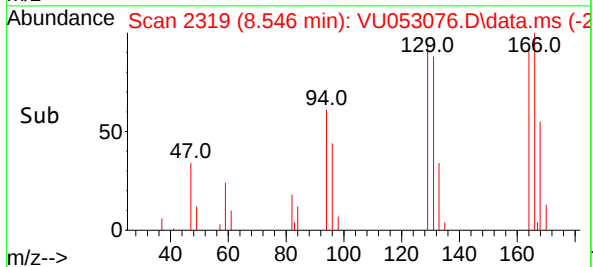
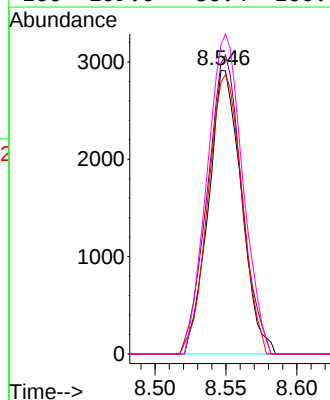
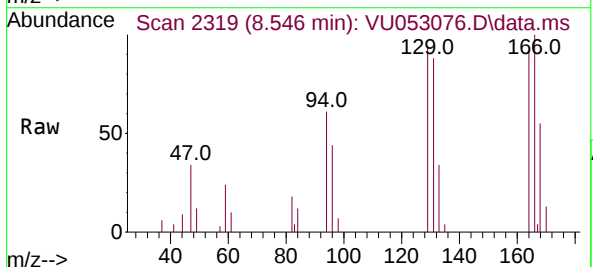
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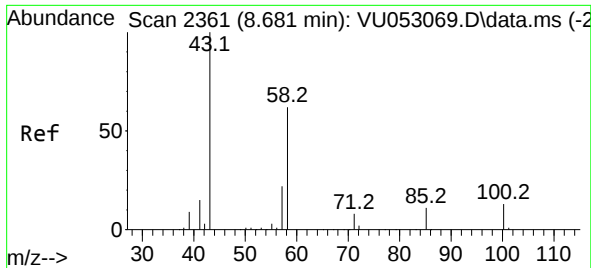
Tgt Ion: 63 Resp: 4016
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 0.839 ug/L
RT: 8.546 min Scan# 2319
Delta R.T. -0.003 min
Lab File: VU053076.D
Acq: 13 Feb 2023 13:23

Tgt Ion:164 Resp: 4713
Ion Ratio Lower Upper
164 100
129 102.5 71.7 133.1
131 95.8 67.8 126.0
166 109.0 86.4 160.4

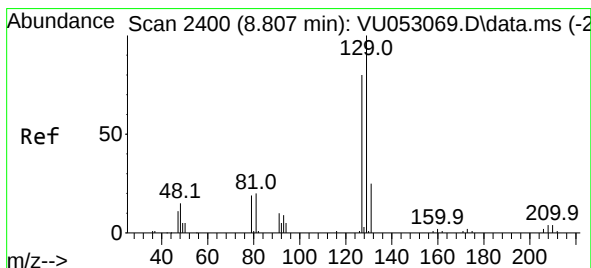
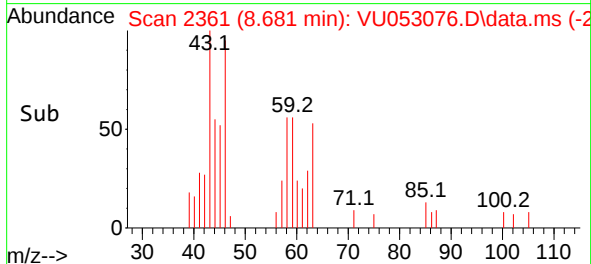
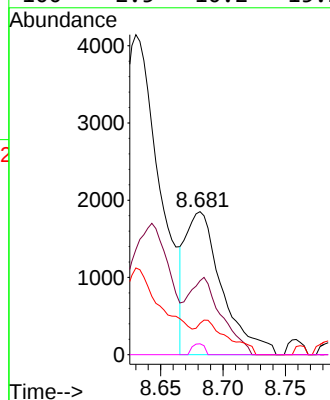
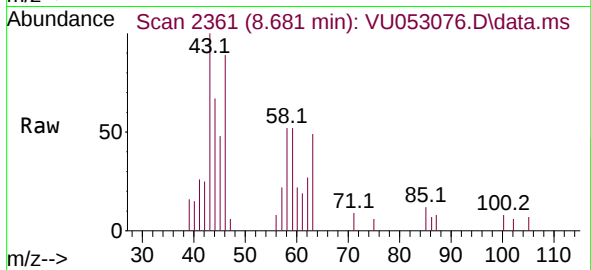




#48
2-Hexanone
Concen: 1.178 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053076.D
Acq: 13 Feb 2023 13:23

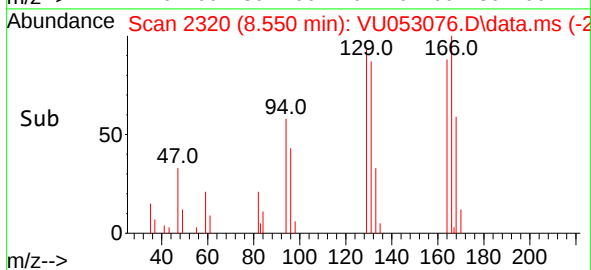
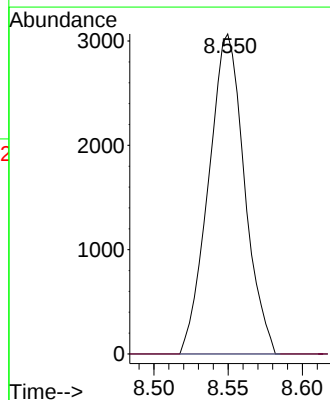
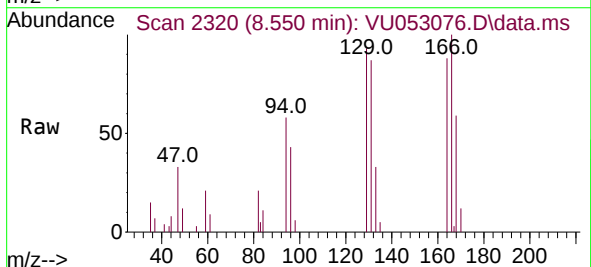
Instrument :
MSVOA_U
ClientSampleId :
C0B83

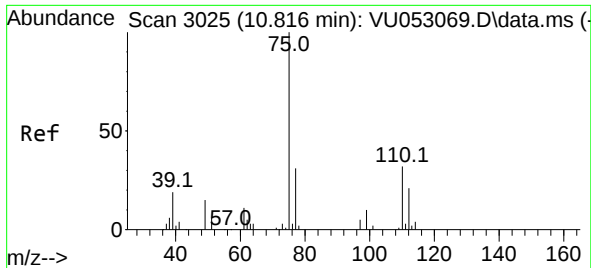
Tgt Ion: 43	Resp: 3775
Ion Ratio	Lower Upper
43 100	
58 46.7	50.3 75.5#
57 20.4	17.4 26.0
100 2.5	10.2 15.2#



#49
Dibromochloromethane
Concen: 0.786 ug/L
RT: 8.550 min Scan# 2320
Delta R.T. -0.257 min
Lab File: VU053076.D
Acq: 13 Feb 2023 13:23

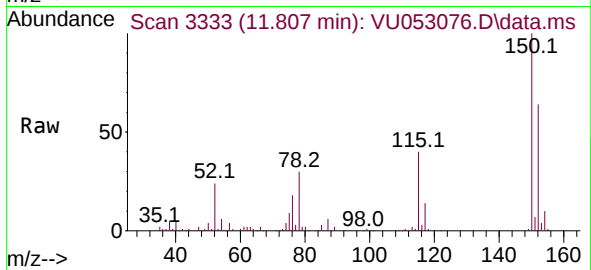
Tgt Ion:129	Resp:	5163	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	102.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.494 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053076.D
 Acq: 13 Feb 2023 13:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B83



Tgt Ion:	75	Resp:	6706
Ion	Ratio	Lower	Upper
75	100		
110	1.4	28.6	42.8#
77	33.2	27.6	41.4

