

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048536.D
 Acq On : 12 May 2022 13:06
 Operator : SY/MD
 Sample : N2801-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 03:58:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 13 03:54:05 2022
 Response via : Initial Calibration

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

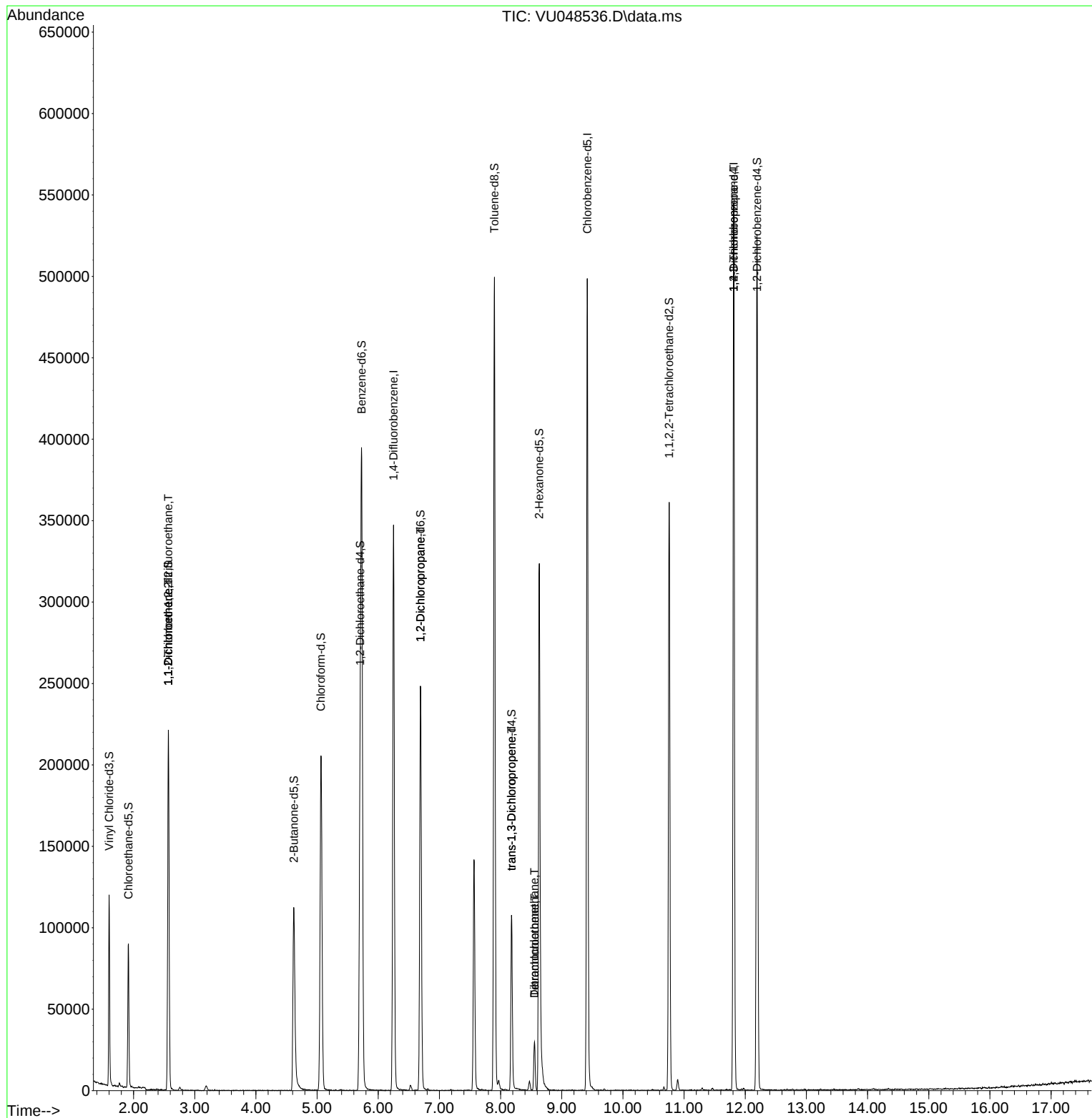
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	275608	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	278178	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	144405	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	80940	34.100	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.200%
7) Chloroethane-d5	1.916	69	62375	40.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.540%
11) 1,1-Dichloroethene-d2	2.568	63	131192	31.056	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.120%
21) 2-Butanone-d5	4.620	46	152294	75.339	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.340%
24) Chloroform-d	5.063	84	194407	47.155	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.300%
26) 1,2-Dichloroethane-d4	5.703	65	142068	53.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.020%
32) Benzene-d6	5.729	84	357862	42.334	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.660%
36) 1,2-Dichloropropane-d6	6.690	67	111173	40.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.660%
41) Toluene-d8	7.899	98	326779	43.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.420%
43) trans-1,3-Dichloroprop...	8.179	79	61717	48.643	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.280%
47) 2-Hexanone-d5	8.632	63	110696	82.967	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.970%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	172109	40.989	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.980%
66) 1,2-Dichlorobenzene-d4	12.192	152	140014	48.965	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.940%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1359	0.665	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	913	0.473	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	13517	5.056	ug/L #	88
44) trans-1,3-Dichloropropene	8.179	75	2998	0.811	ug/L	98
46) Tetrachloroethene	8.555	164	7055	3.989	ug/L	87
49) Dibromochloromethane	8.552	129	6511	2.508	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	14993	3.977	ug/L #	64

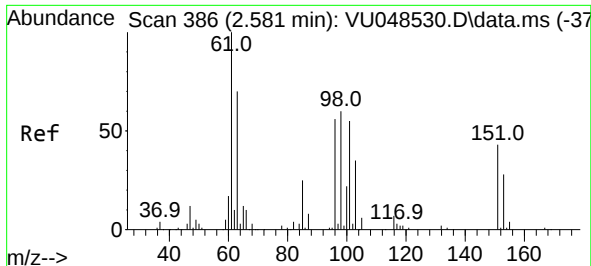
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 03:54:05 2022
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.665 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU048536.D

Acq: 12 May 2022 13:06

Instrument :

MSVOA_U

ClientSampleId :

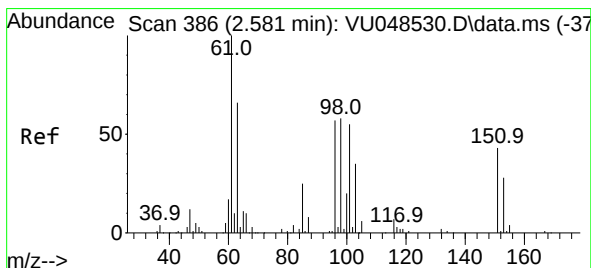
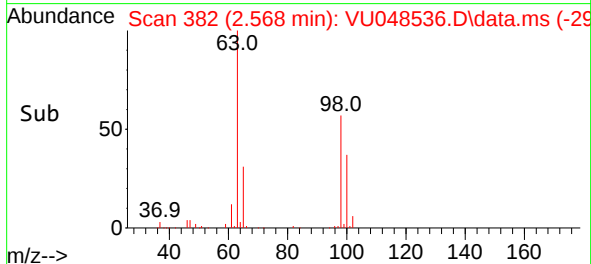
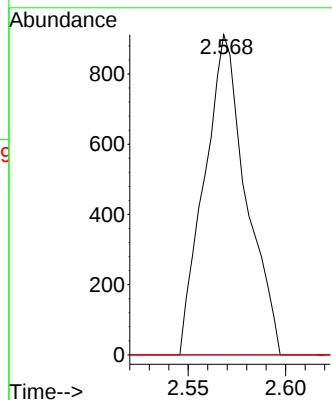
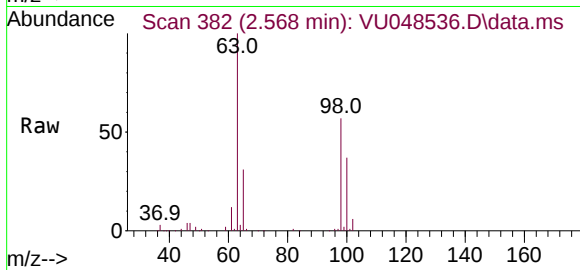
Tgt Ion:101 Resp: 1359

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 60.7 91.1#



#12

1,1-Dichloroethene

Concen: 0.473 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU048536.D

Acq: 12 May 2022 13:06

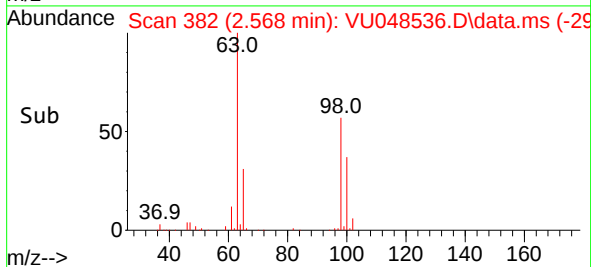
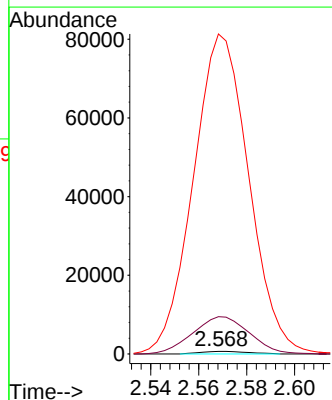
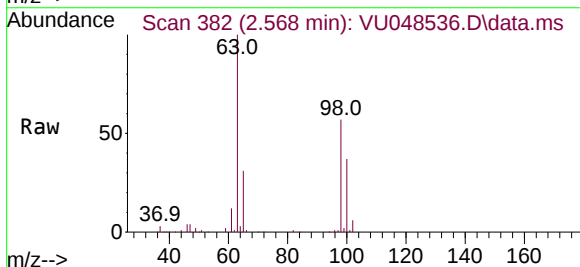
Tgt Ion: 96 Resp: 913

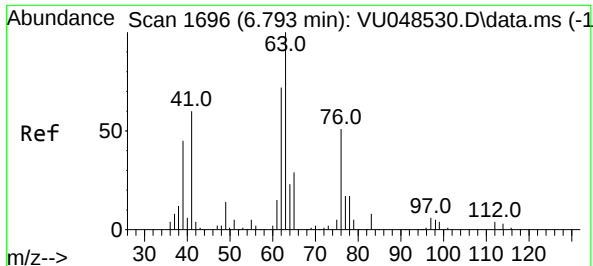
Ion Ratio Lower Upper

96 100

61 1421.7 124.5 231.3#

63 12177.2 92.5 171.9#





#37

1,2-Dichloropropane

Concen: 5.056 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048536.D

Acq: 12 May 2022 13:06

Instrument :

MSVOA_U

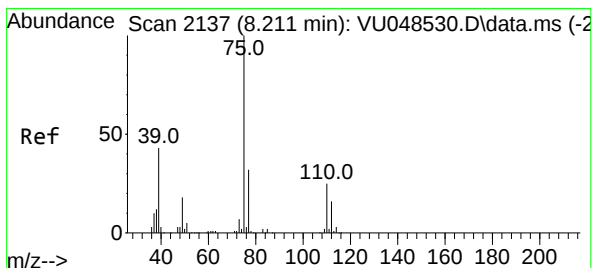
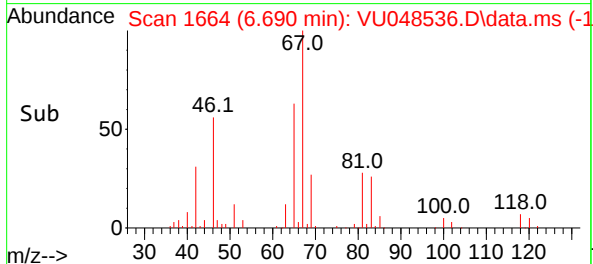
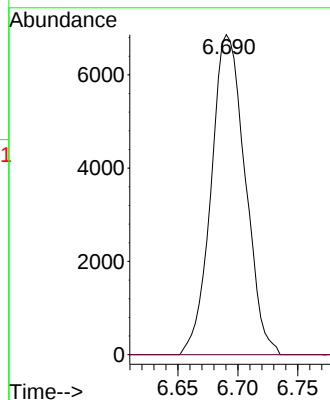
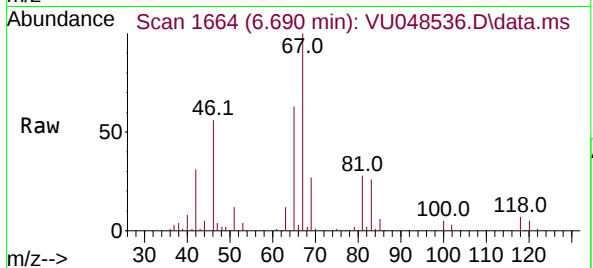
ClientSampleId :

Tgt Ion: 63 Resp: 13517

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#44

trans-1,3-Dichloropropene

Concen: 0.811 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048536.D

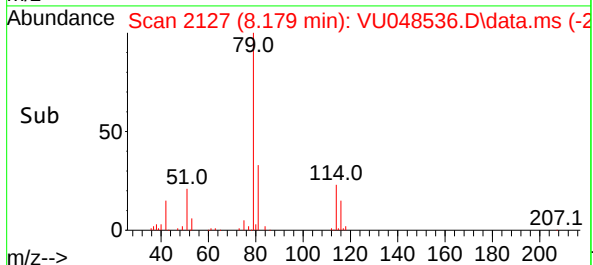
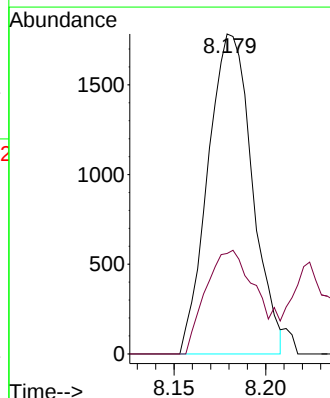
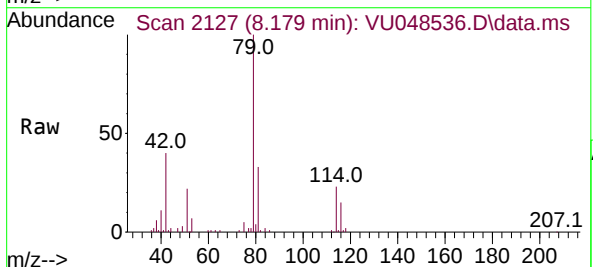
Acq: 12 May 2022 13:06

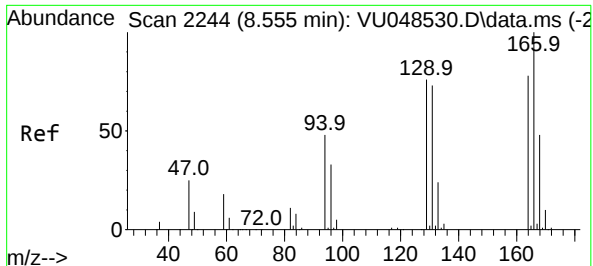
Tgt Ion: 75 Resp: 2998

Ion Ratio Lower Upper

75 100

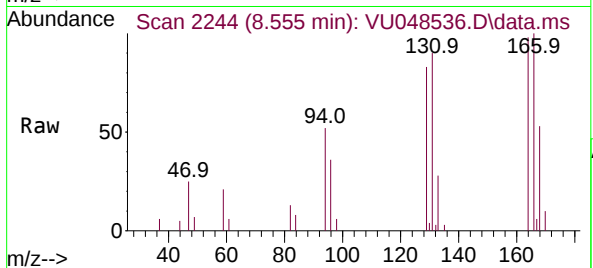
77 31.4 22.6 42.0



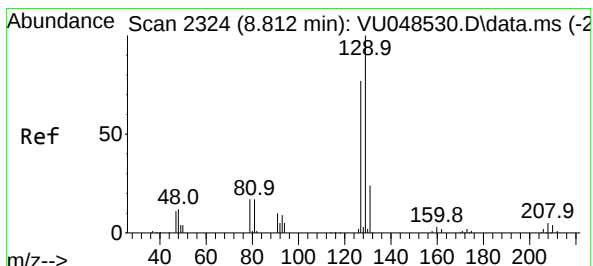
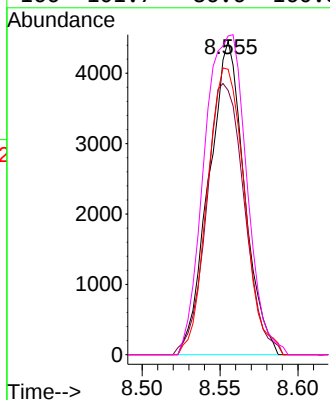
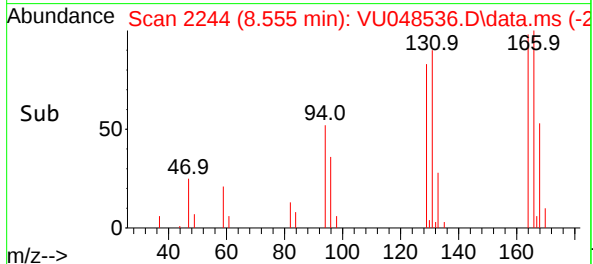


#46
Tetrachloroethene
Concen: 3.989 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048536.D
Acq: 12 May 2022 13:06

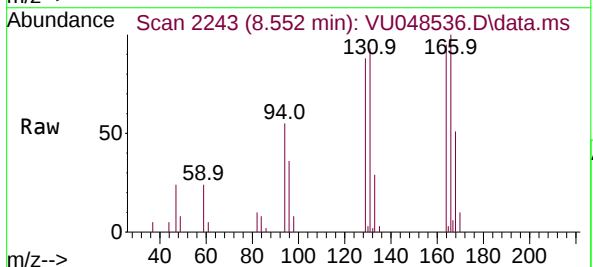
Instrument :
MSVOA_U
ClientSampleId :



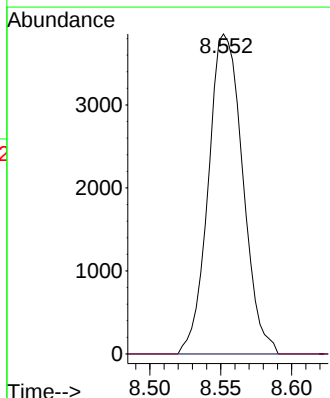
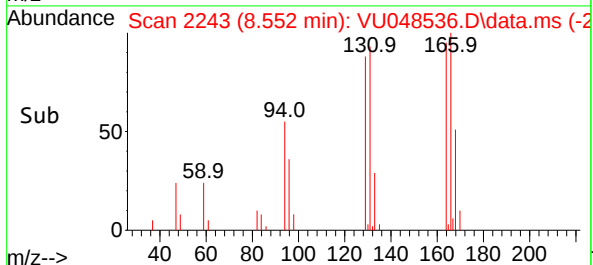
Tgt Ion:164 Resp: 7055
Ion Ratio Lower Upper
164 100
129 84.4 69.2 128.6
131 91.1 65.2 121.0
166 101.7 86.6 160.8

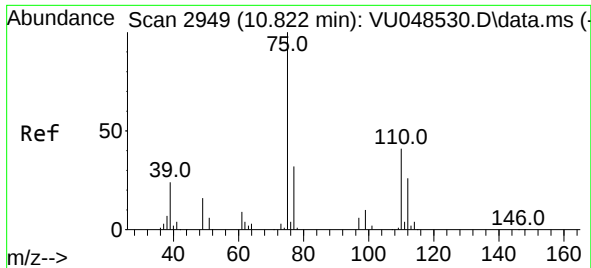


#49
Dibromochloromethane
Concen: 2.508 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU048536.D
Acq: 12 May 2022 13:06



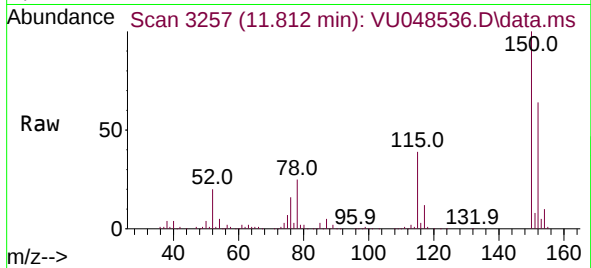
Tgt Ion:129 Resp: 6511
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#





#60
 1,2,3-Trichloropropane
 Concen: 3.977 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU048536.D
 Acq: 12 May 2022 13:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.6	25.5	38.3#
110	2.9	28.9	43.3#

