

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048538.D
 Acq On : 12 May 2022 13:52
 Operator : SY/MD
 Sample : N2801-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 03:58:31 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)

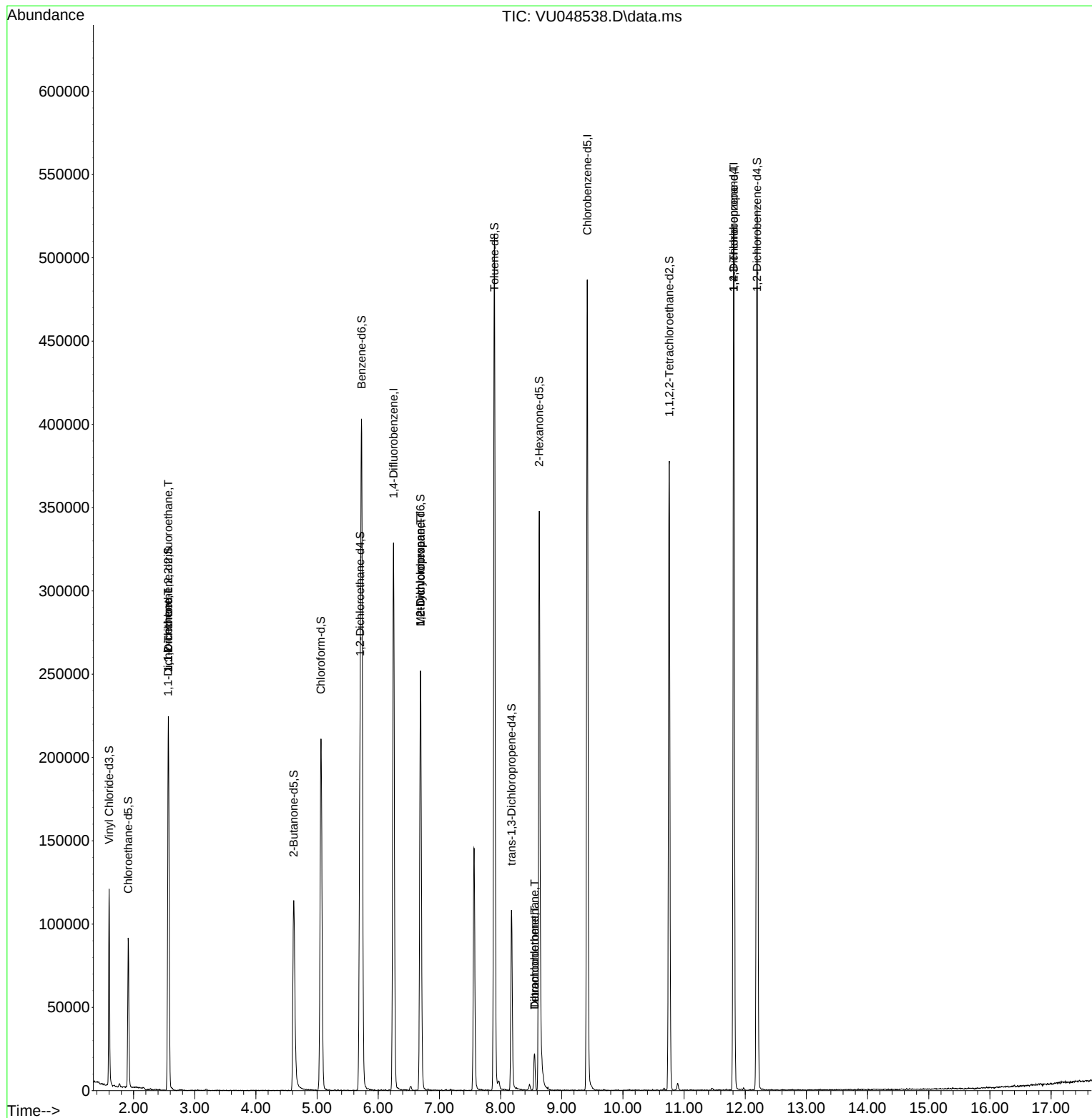
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	268563	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	269238	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	138469	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	79927	34.557	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.120%
7) Chloroethane-d5	1.912	69	63876	42.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.640%
11) 1,1-Dichloroethene-d2	2.568	63	131510	31.948	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.900%
21) 2-Butanone-d5	4.616	46	163805	83.160	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.160%
24) Chloroform-d	5.063	84	201514	50.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.320%
26) 1,2-Dichloroethane-d4	5.703	65	144050	55.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.320%
32) Benzene-d6	5.729	84	369960	45.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.440%
36) 1,2-Dichloropropane-d6	6.690	67	114433	42.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.780%
41) Toluene-d8	7.899	98	338032	46.716	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.440%
43) trans-1,3-Dichloroprop...	8.179	79	61915	50.420	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.840%
47) 2-Hexanone-d5	8.632	63	115345	89.322	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.320%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	178941	44.031	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.060%
66) 1,2-Dichlorobenzene-d4	12.192	152	142786	52.076	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.160%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1299	0.653	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	943	0.501	ug/L #	1
35) Methylcyclohexane	6.690	83	29291	8.057	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	14007	5.414	ug/L #	88
46) Tetrachloroethene	8.555	164	5179	3.025	ug/L	91
49) Dibromochloromethane	8.555	129	4926	1.960	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	14703	4.068	ug/L #	66

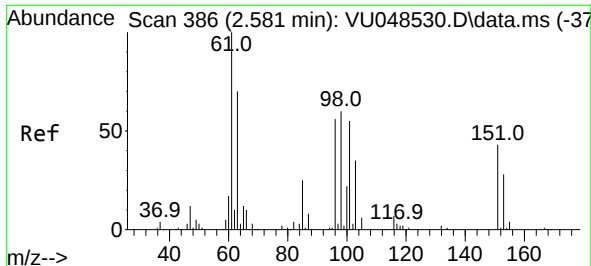
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 03:54:05 2022
Response via : Initial Calibration





#10

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

Concen: 0.653 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU048538.D

Acq: 12 May 2022 13:52

Instrument :

MSVOA_U

ClientSampleId :

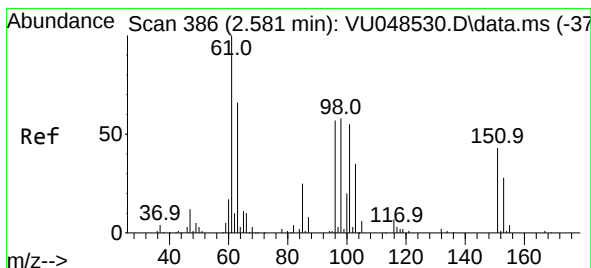
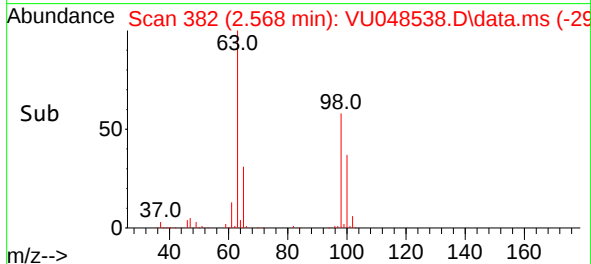
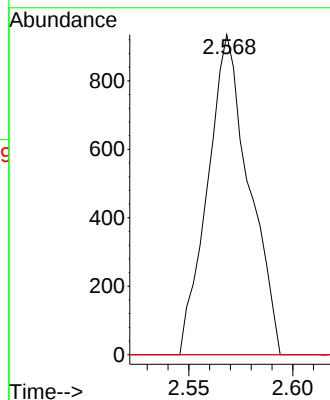
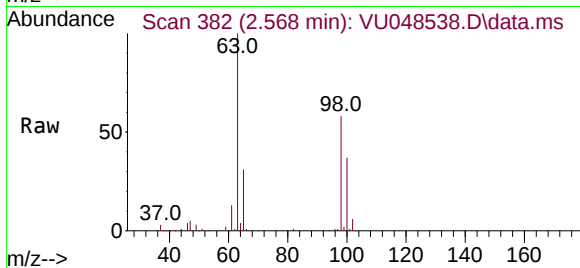
Tgt Ion:101 Resp: 1299

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: 0.501 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU048538.D

Acq: 12 May 2022 13:52

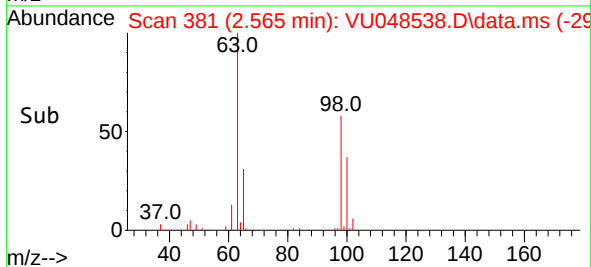
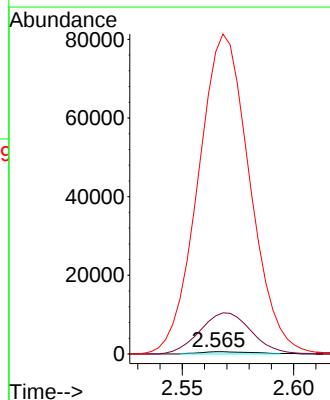
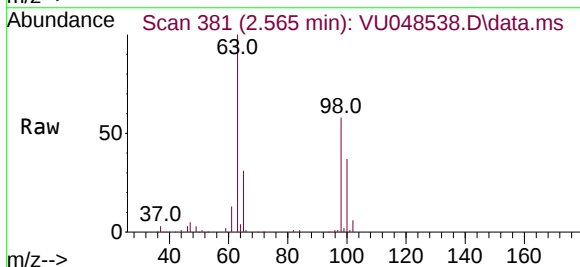
Tgt Ion: 96 Resp: 943

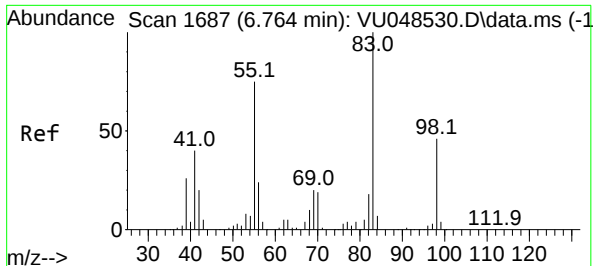
Ion Ratio Lower Upper

96 100

61 1690.9 124.5 231.3#

63 13385.4 92.5 171.9#





#35

Methylcyclohexane

Concen: 8.057 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU048538.D

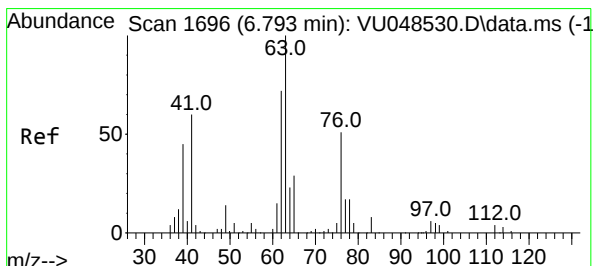
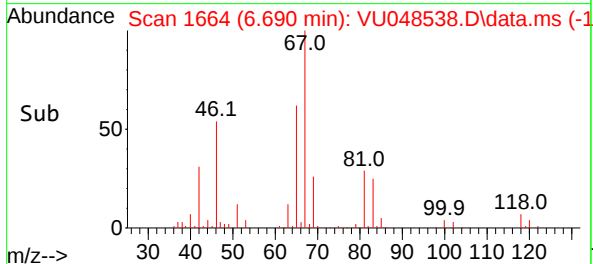
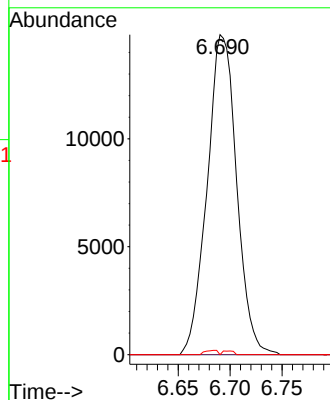
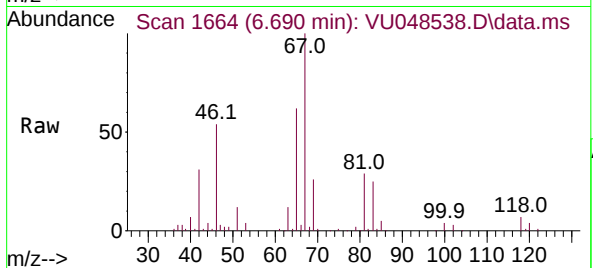
Acq: 12 May 2022 13:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 29291
Ion Ratio	Lower Upper
83 100	
55 0.0	63.4 95.2#
98 0.2	35.9 53.9#



#37

1,2-Dichloropropane

Concen: 5.414 ug/L

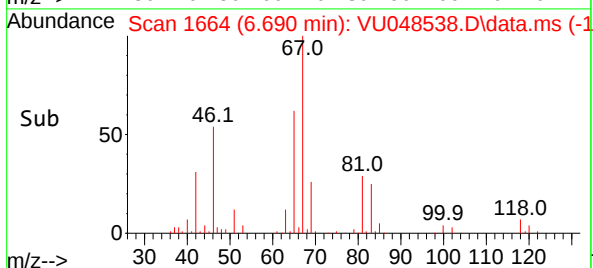
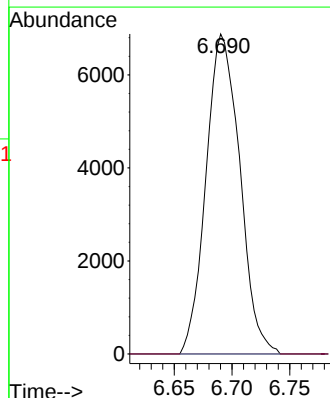
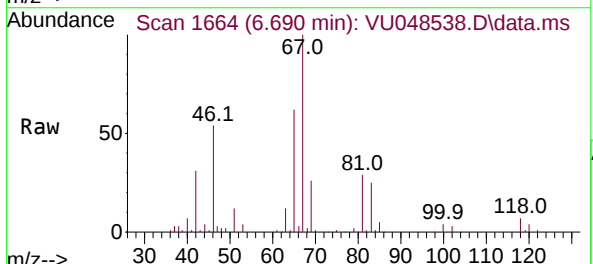
RT: 6.690 min Scan# 1664

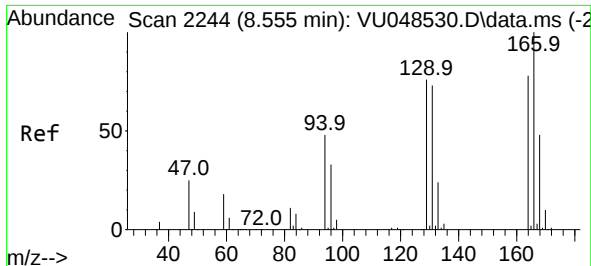
Delta R.T. -0.103 min

Lab File: VU048538.D

Acq: 12 May 2022 13:52

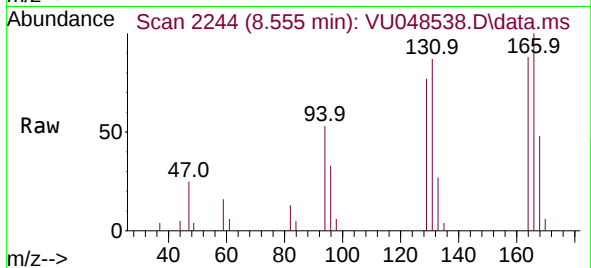
Tgt Ion: 63	Resp: 14007
Ion Ratio	Lower Upper
63 100	
112 0.0	3.1 4.7#



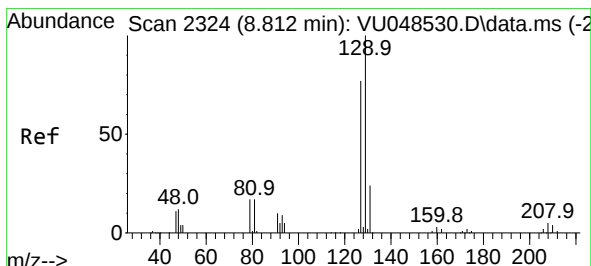
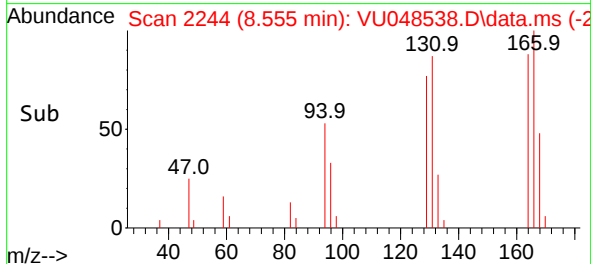
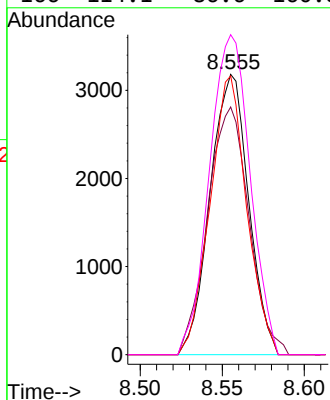


#46
Tetrachloroethene
Concen: 3.025 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048538.D
Acq: 12 May 2022 13:52

Instrument :
MSVOA_U
ClientSampleId :

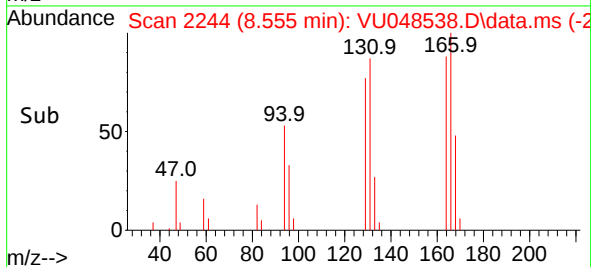
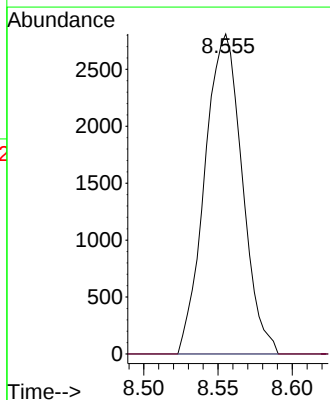
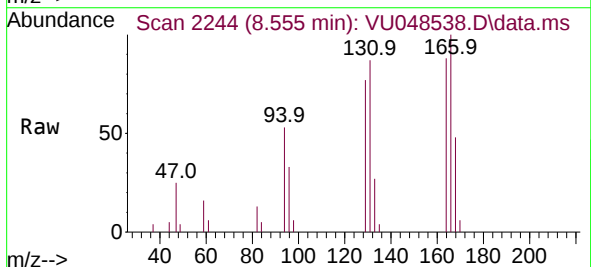


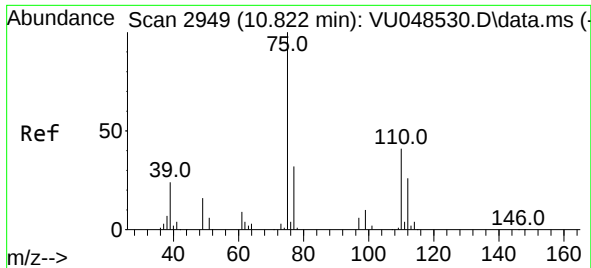
Tgt Ion:164 Resp: 5179
Ion Ratio Lower Upper
164 100
129 88.3 69.2 128.6
131 99.4 65.2 121.0
166 114.1 86.6 160.8



#49
Dibromochloromethane
Concen: 1.960 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU048538.D
Acq: 12 May 2022 13:52

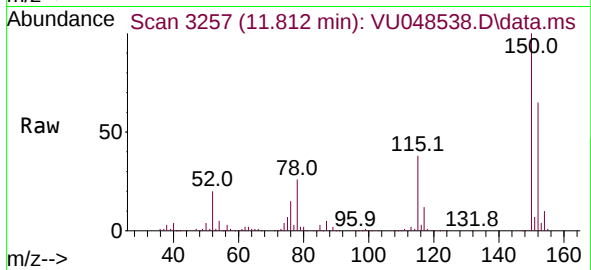
Tgt Ion:129 Resp: 4926
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#





#60
 1,2,3-Trichloropropane
 Concen: 4.068 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU048538.D
 Acq: 12 May 2022 13:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.1	25.5	38.3
110	2.9	28.9	43.3

