

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
 Data File : VU050967.D
 Acq On : 27 Sep 2022 19:16
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK139

Quant Time: Sep 28 02:04:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 28 01:59:42 2022
 Response via : Initial Calibration

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

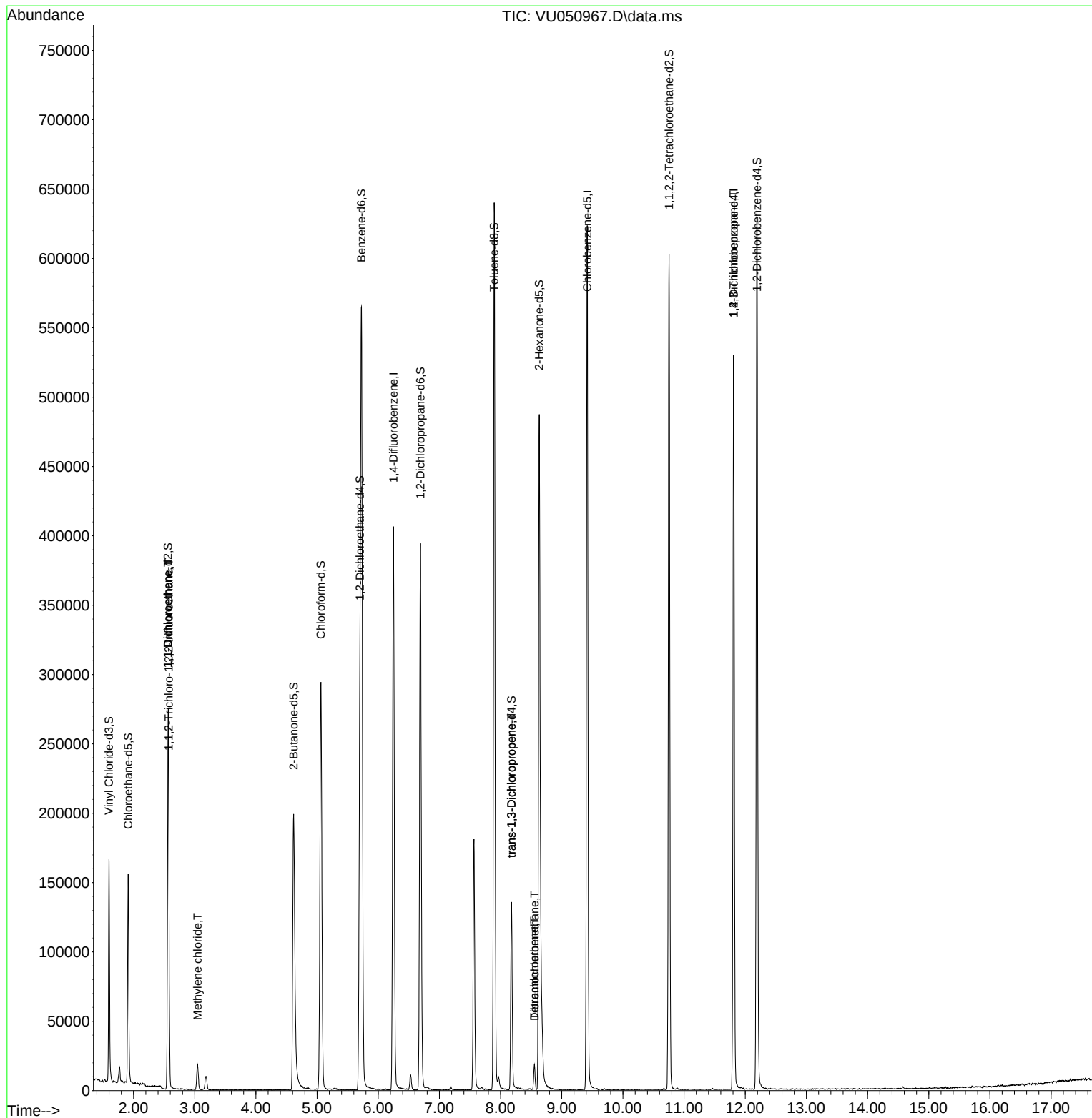
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	322578	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	347129	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	138264	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	117425	35.135	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.260%
7) Chloroethane-d5	1.912	69	110782	46.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.080%
11) 1,1-Dichloroethene-d2	2.565	63	158416	30.462	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.920%
21) 2-Butanone-d5	4.616	46	273651	126.827	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.830%
24) Chloroform-d	5.060	84	278913	53.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.500%
26) 1,2-Dichloroethane-d4	5.700	65	184836	57.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.520%
32) Benzene-d6	5.726	84	520713	45.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.080%
36) 1,2-Dichloropropane-d6	6.690	67	188820	48.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.840%
41) Toluene-d8	7.896	98	420992	42.123	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.240%
43) trans-1,3-Dichloroprop...	8.179	79	75692	45.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.160%
47) 2-Hexanone-d5	8.632	63	143466	90.204	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.200%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	306424	52.077	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.160%
66) 1,2-Dichlorobenzene-d4	12.192	152	162766	56.225	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.460%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1458	0.552	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1472	0.594	ug/L #	1
16) Methylene chloride	3.044	84	8883	2.580	ug/L	91
44) trans-1,3-Dichloropropene	8.179	75	3089	0.694	ug/L	85
46) Tetrachloroethene	8.552	164	4058	1.903	ug/L	86
49) Dibromochloromethane	8.555	129	3482	1.102	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	17616	4.530	ug/L #	70

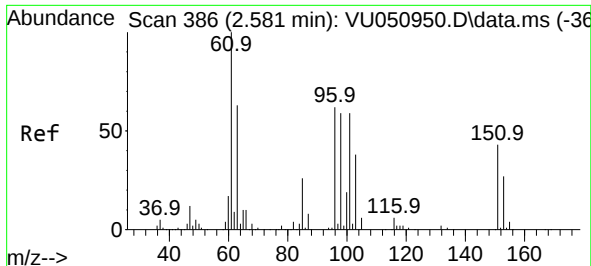
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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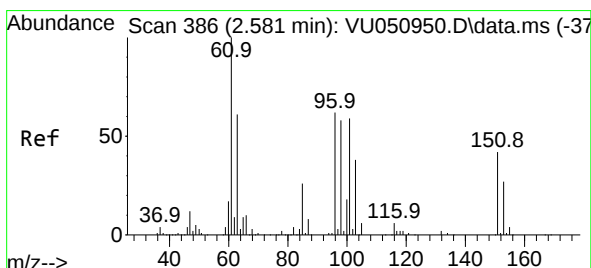
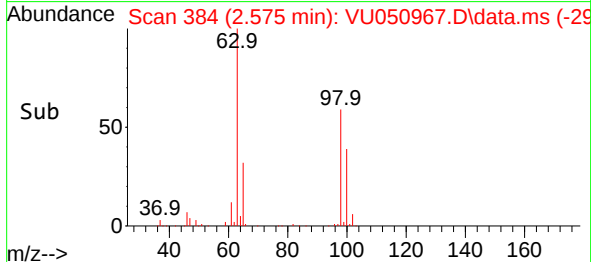
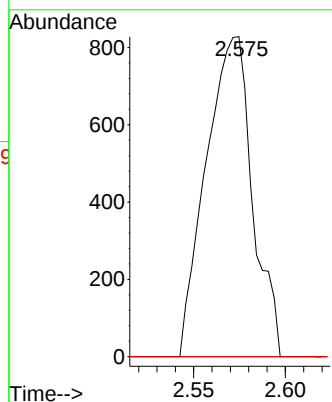
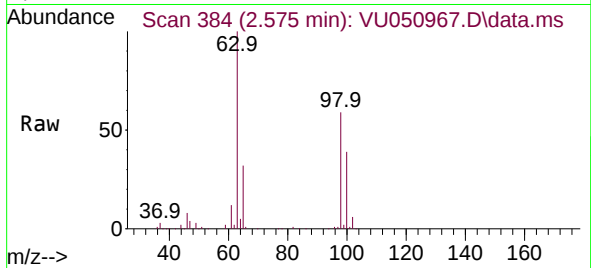




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.552 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.007 min
Lab File: VU050967.D
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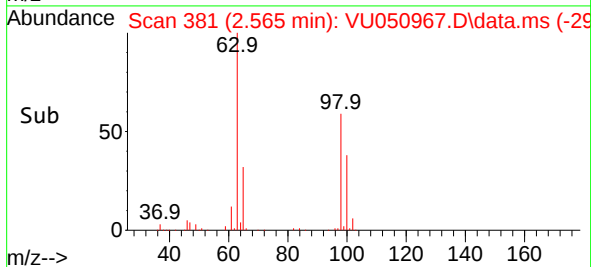
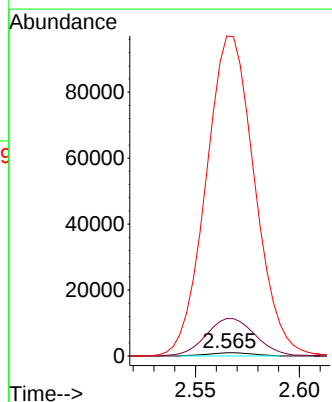
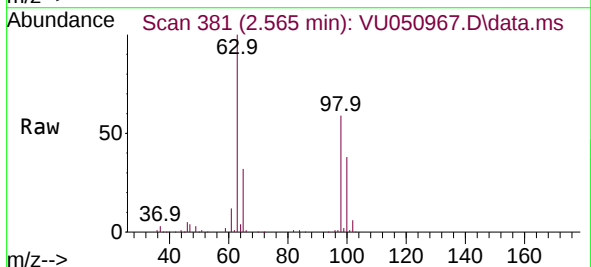
Instrument :
MSVOA_U
ClientSampleId :
VIBLK139

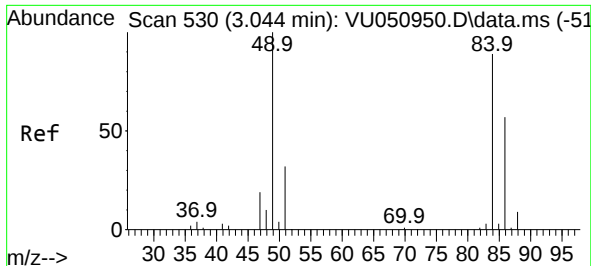
Tgt Ion:101 Resp: 1458
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.6 84.8#



#12
1,1-Dichloroethene
Concen: 0.594 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU050967.D
Acq: 27 Sep 2022 19:16

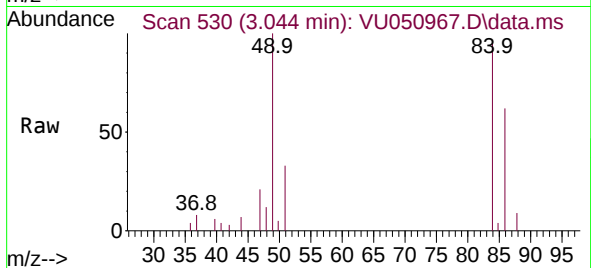
Tgt Ion: 96 Resp: 1472
Ion Ratio Lower Upper
96 100
61 1167.1 118.6 220.2#
63 9974.1 90.4 168.0#



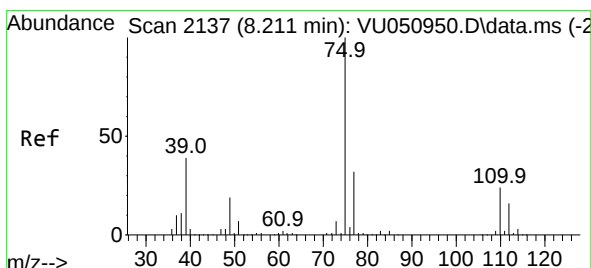
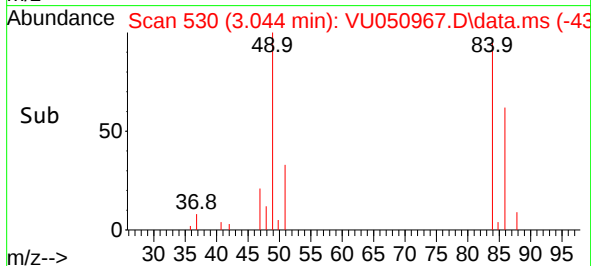
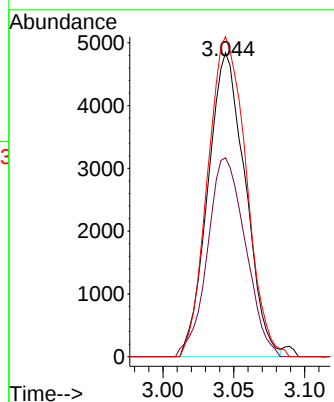


#16
Methylene chloride
Concen: 2.580 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU050967.D
Acq: 27 Sep 2022 19:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK139

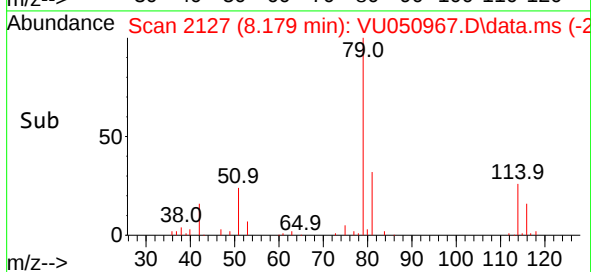
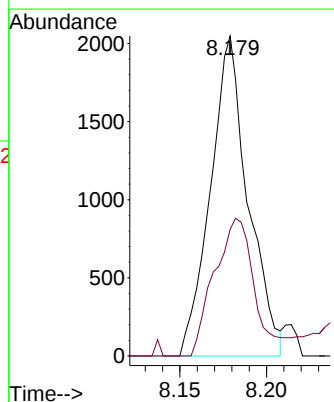
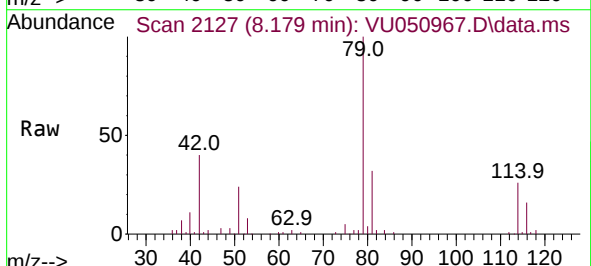


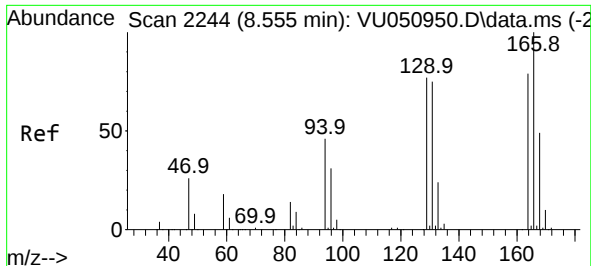
Tgt Ion: 84 Resp: 8883
Ion Ratio Lower Upper
84 100
86 65.4 44.4 82.5
49 105.3 83.3 154.7



#44
trans-1,3-Dichloropropene
Concen: 0.694 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU050967.D
Acq: 27 Sep 2022 19:16

Tgt Ion: 75 Resp: 3089
Ion Ratio Lower Upper
75 100
77 39.6 21.9 40.7

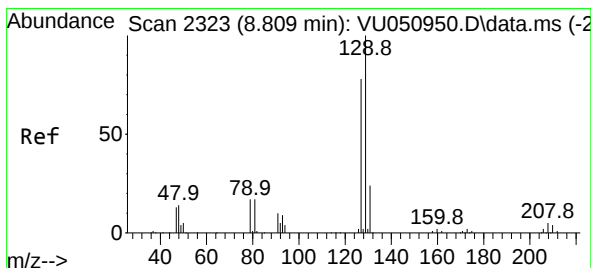
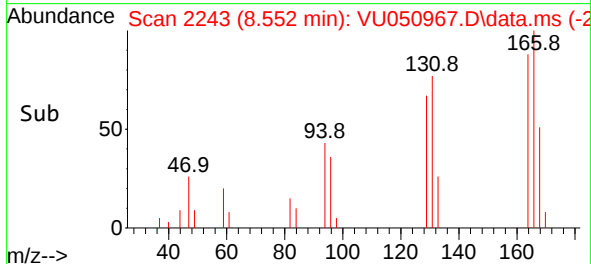
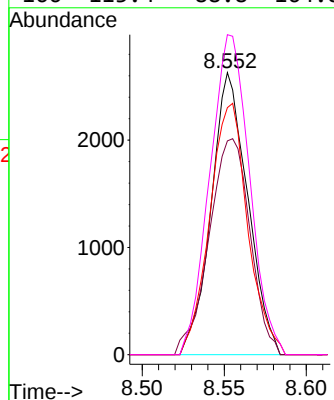
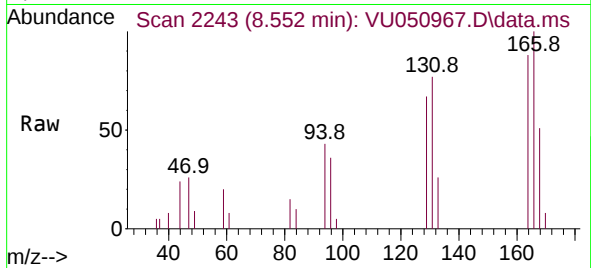




#46
Tetrachloroethene
Concen: 1.903 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050967.D
Acq: 27 Sep 2022 19:16

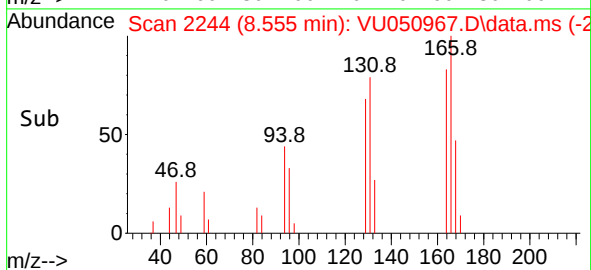
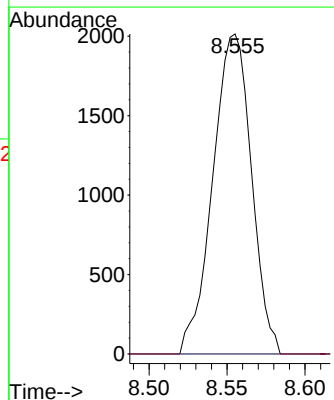
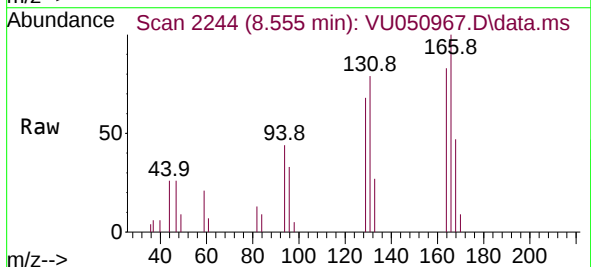
Instrument :
MSVOA_U
ClientSampleId :
VIBLK139

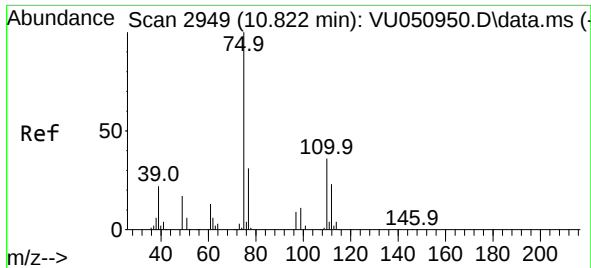
Tgt Ion:164 Resp: 4058
Ion Ratio Lower Upper
164 100
129 75.8 68.5 127.3
131 87.5 66.1 122.7
166 113.4 88.8 164.8



#49
Dibromochloromethane
Concen: 1.102 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.254 min
Lab File: VU050967.D
Acq: 27 Sep 2022 19:16

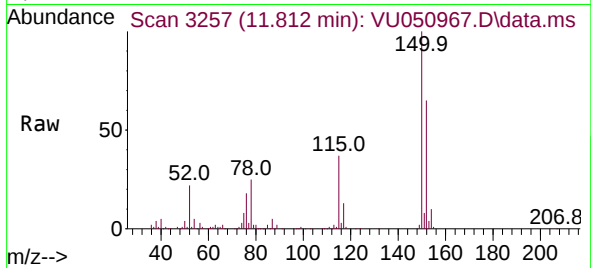
Tgt Ion:129 Resp: 3482
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#





#60
 1,2,3-Trichloropropane
 Concen: 4.530 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050967.D
 Acq: 27 Sep 2022 19:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK139



Tgt Ion: 75 Resp: 17616
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.2 39.4
 110 2.6 28.6 43.0#

