

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050422\
 Data File : VU048412.D
 Acq On : 04 May 2022 12:52
 Operator : SY/MD
 Sample : N2668-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL76

Quant Time: May 05 02:18:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 05 02:16:45 2022
 Response via : Initial Calibration

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

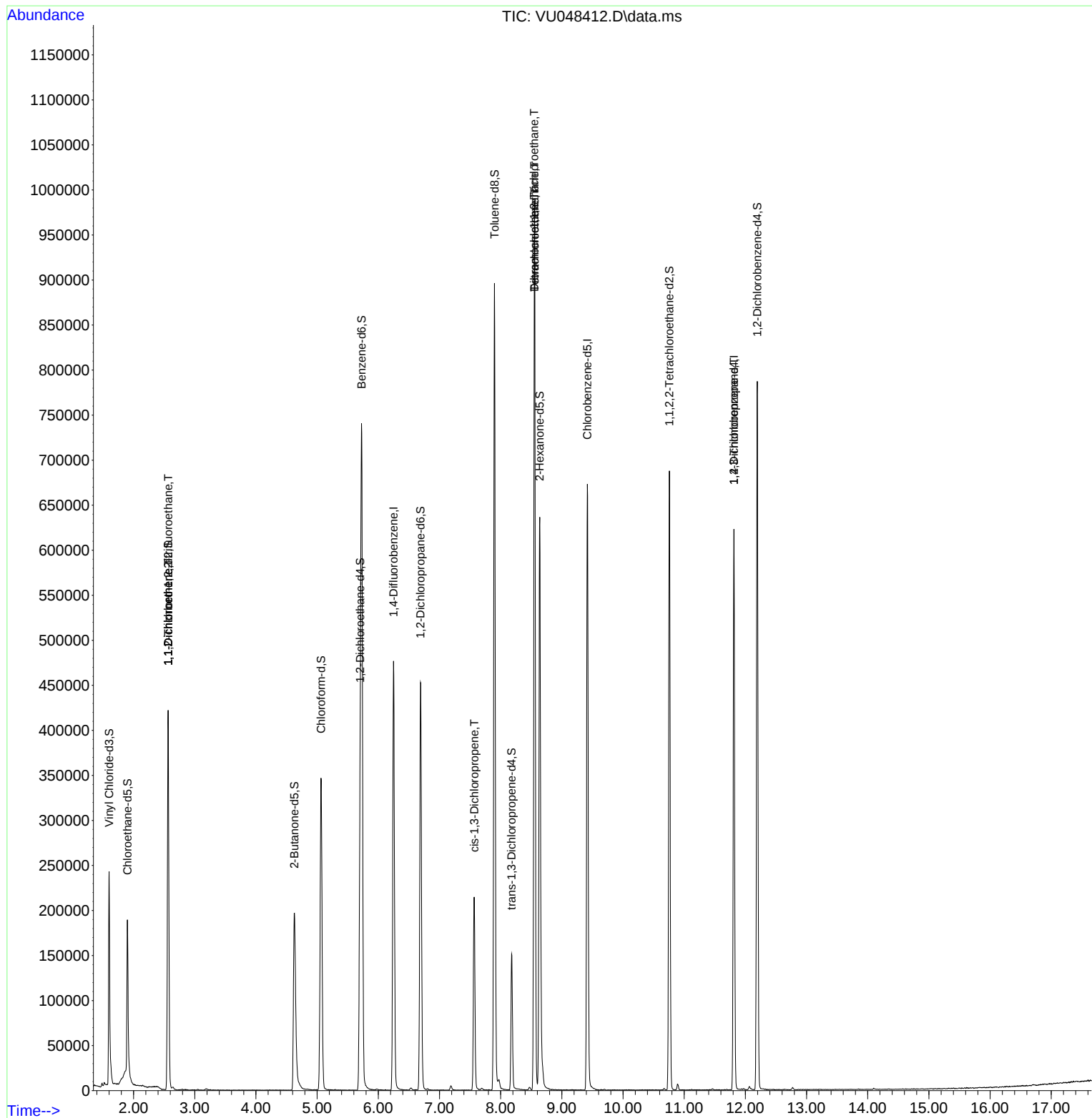
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	416104	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	409520	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	178521	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	205948	53.823	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 107.640%		
7) Chloroethane-d5	1.900	69	150786	56.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 112.280%		
11) 1,1-Dichloroethene-d2	2.565	63	242965	39.629	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 79.260%		
21) 2-Butanone-d5	4.626	46	308914	94.656	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 94.660%		
24) Chloroform-d	5.063	84	333468	48.047	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 96.100%		
26) 1,2-Dichloroethane-d4	5.703	65	205392	49.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 99.760%		
32) Benzene-d6	5.729	84	722252	55.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 111.840%		
36) 1,2-Dichloropropane-d6	6.690	67	232609	54.476	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 108.960%		
41) Toluene-d8	7.899	98	619615	52.926	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 105.860%		
43) trans-1,3-Dichloroprop...	8.179	79	88727	47.091	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 94.180%		
47) 2-Hexanone-d5	8.636	63	215128	93.382	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 93.380%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	348254	46.503	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 93.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	227600	56.675	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 113.340%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2229	0.711	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	2334	0.853	ug/L #	1
39) cis-1,3-Dichloropropene	7.568	75	4910	1.012	ug/L #	50
45) 1,1,2-Trichloroethane	8.549	97	1795	0.496	ug/L #	1
46) Tetrachloroethene	8.555	164	240141	94.150	ug/L	100
49) Dibromochloromethane	8.552	129	217782	54.759	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	18014	4.325	ug/L #	68

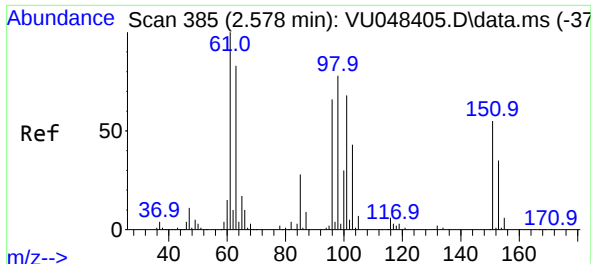
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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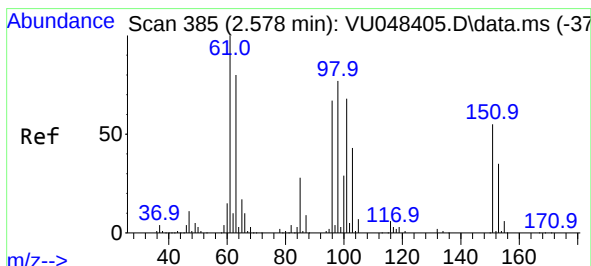
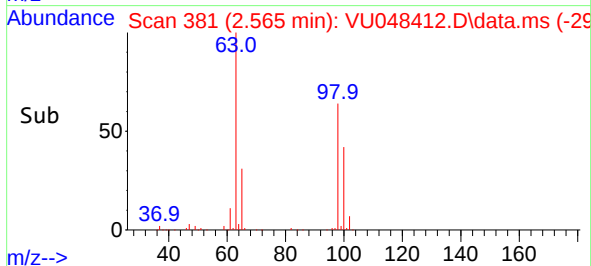
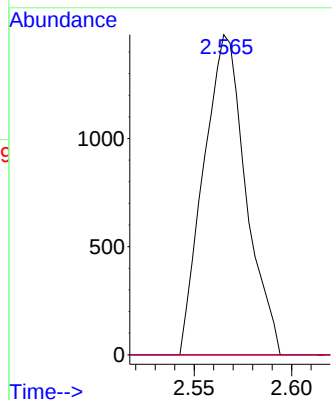
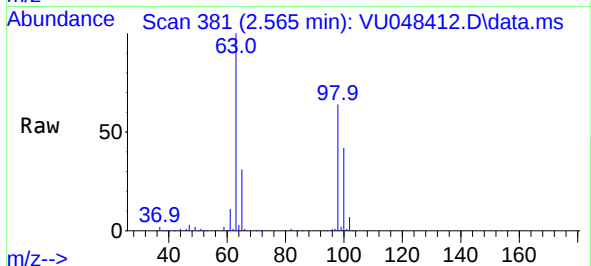




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.711 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU048412.D
Acq: 04 May 2022 12:52

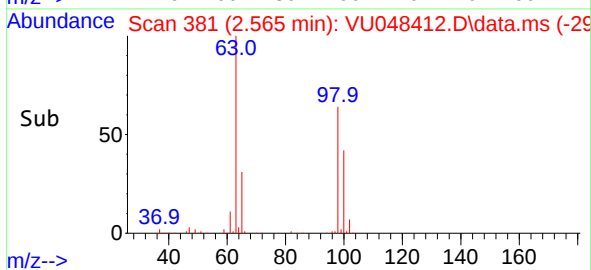
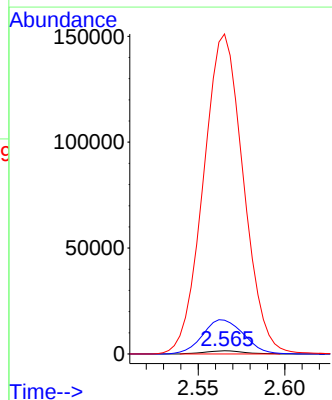
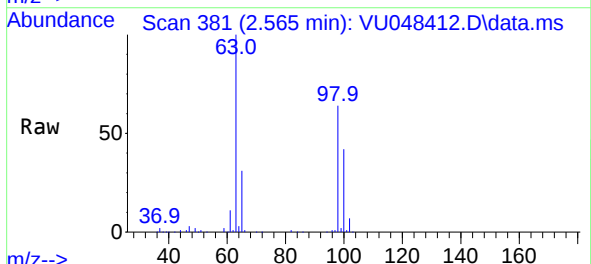
Instrument :
MSVOA_U
ClientSampleId :
EXL76

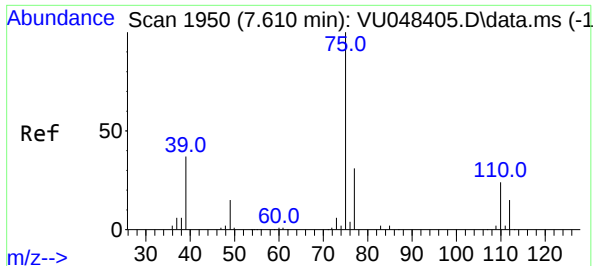
Tgt Ion:101 Resp: 2229
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 64.1 96.1#



#12
1,1-Dichloroethene
Concen: 0.853 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU048412.D
Acq: 04 May 2022 12:52

Tgt Ion: 96 Resp: 2334
Ion Ratio Lower Upper
96 100
61 1063.6 107.9 200.3#
63 10073.6 80.3 149.1#

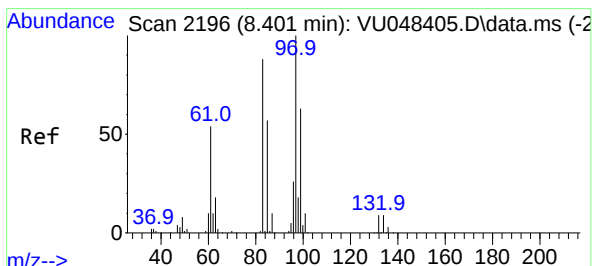
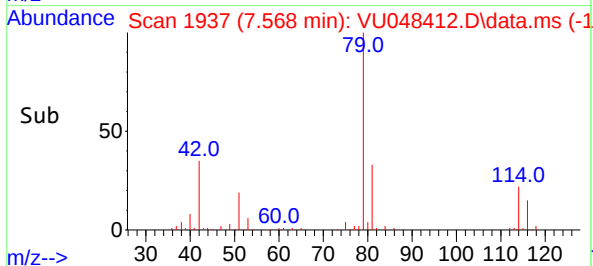
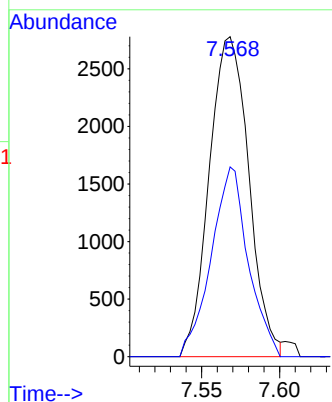
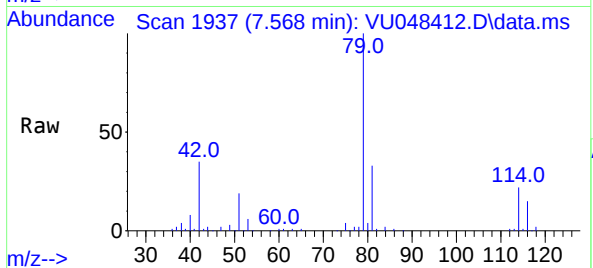




#39
cis-1,3-Dichloropropene
Concen: 1.012 ug/L
RT: 7.568 min Scan# 11
Delta R.T. -0.042 min
Lab File: VU048412.D
Acq: 04 May 2022 12:52

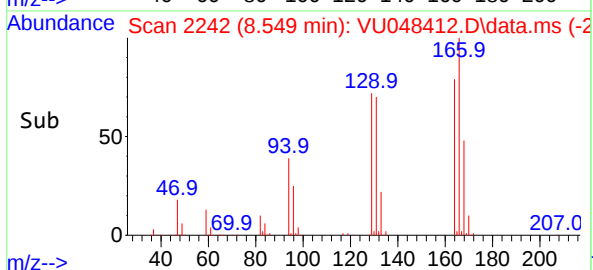
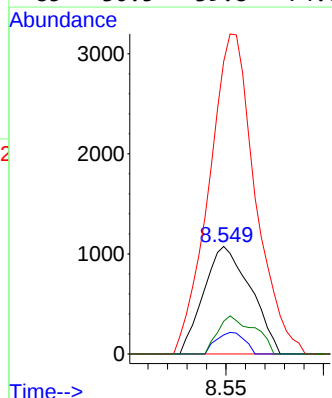
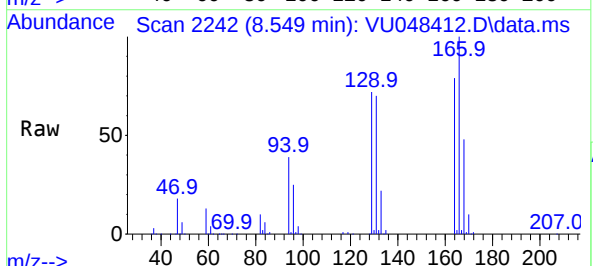
Instrument :
MSVOA_U
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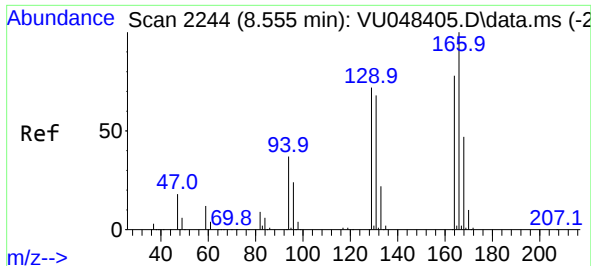
Tgt Ion: 75 Resp: 4910
Ion Ratio Lower Upper
75 100
77 59.3 22.0 41.0#



#45
1,1,2-Trichloroethane
Concen: 0.496 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.148 min
Lab File: VU048412.D
Acq: 04 May 2022 12:52

Tgt Ion: 97 Resp: 1795
Ion Ratio Lower Upper
97 100
99 17.7 43.7 81.1#
83 272.3 62.6 116.2#
85 30.5 39.8 74.0#

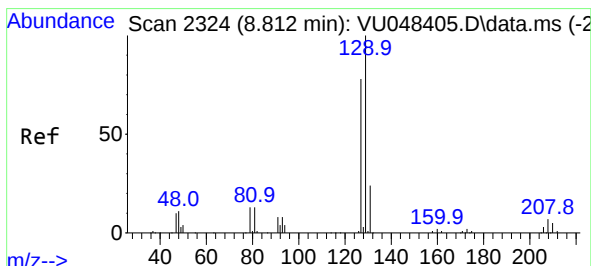
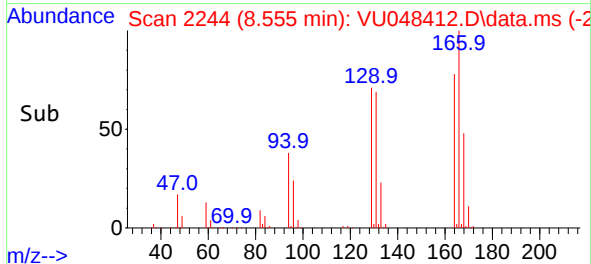
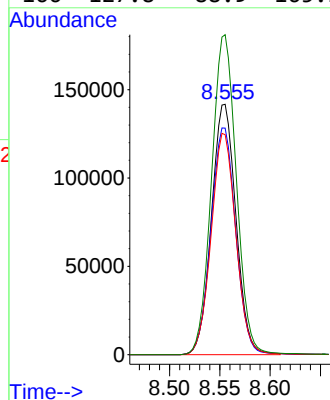
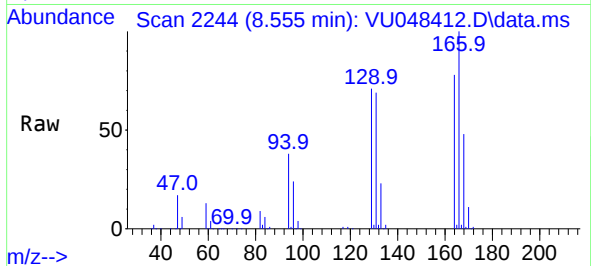




#46
Tetrachloroethene
Concen: 94.150 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048412.D
Acq: 04 May 2022 12:52

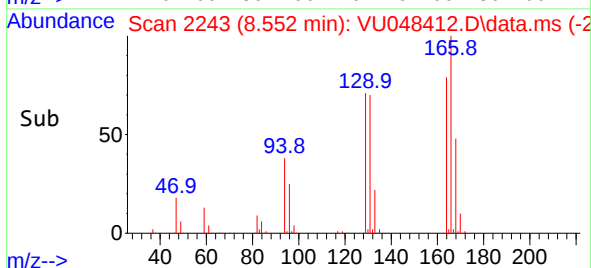
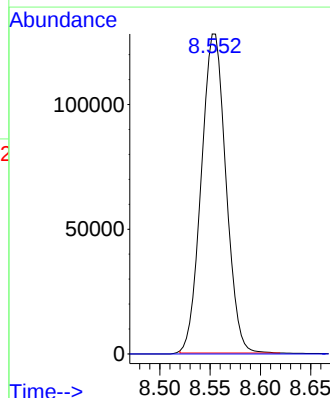
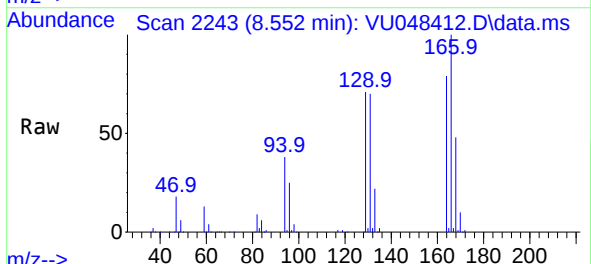
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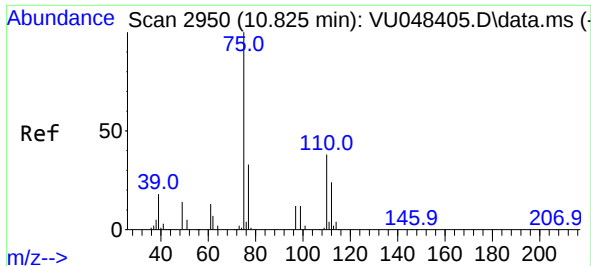
Tgt Ion:164 Resp: 240141
Ion Ratio Lower Upper
164 100
129 90.5 63.3 117.7
131 87.9 61.2 113.6
166 127.8 88.9 165.1



#49
Dibromochloromethane
Concen: 54.759 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU048412.D
Acq: 04 May 2022 12:52

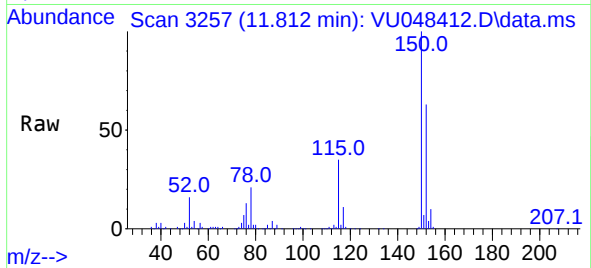
Tgt Ion:129 Resp: 217782
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#





#60
 1,2,3-Trichloropropane
 Concen: 4.325 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048412.D
 Acq: 04 May 2022 12:52

Instrument :
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Tgt Ion: 75 Resp: 18014

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
110	2.1	29.9	44.9#

