

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046178.D
 Acq On : 08 Dec 2021 16:11
 Operator : SY/MD
 Sample : M4887-11ME
 Misc : 5.74g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:20:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

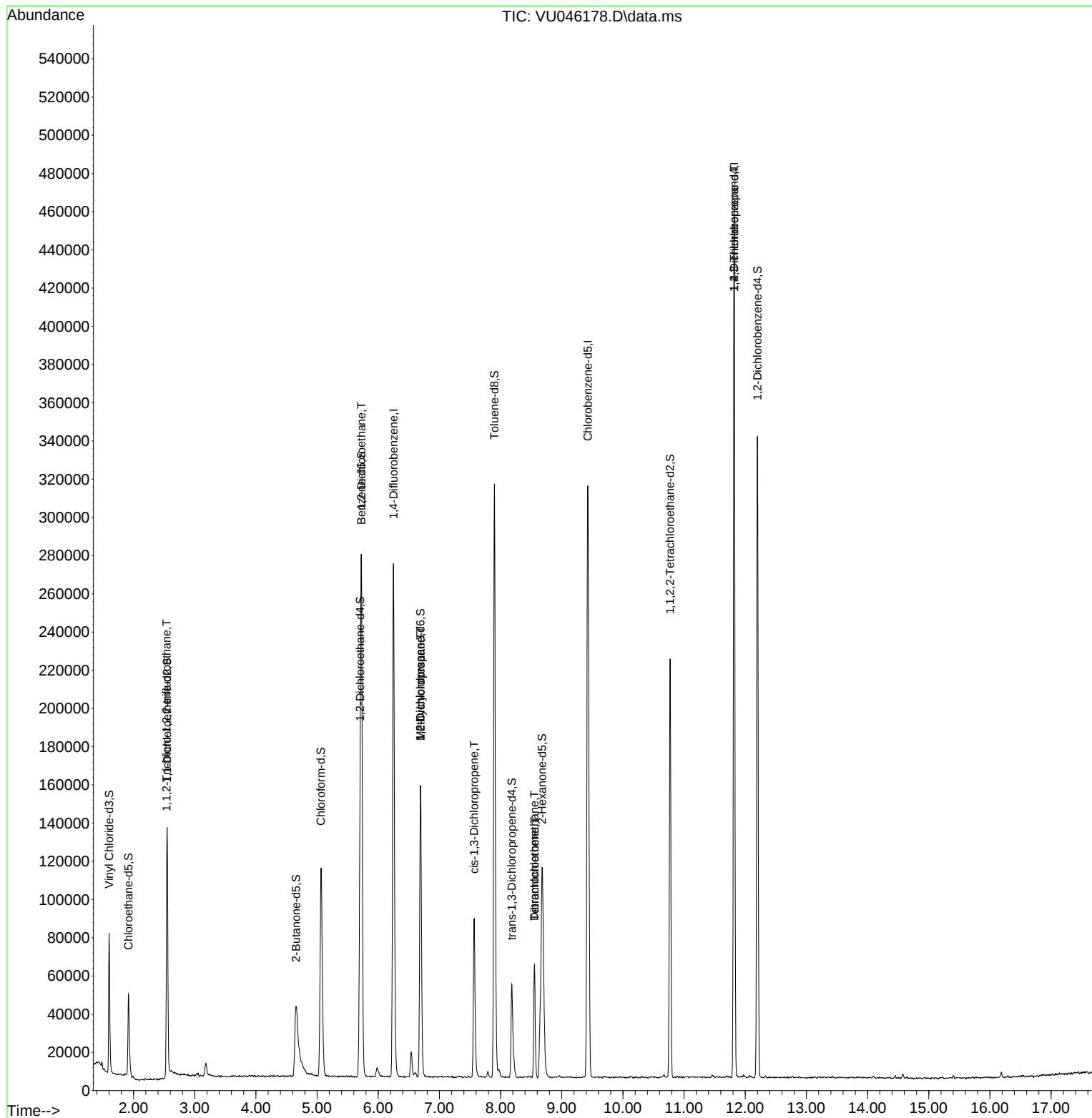
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	246386	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	242290	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	124346	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59866	29.496	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.000%#		
7) Chloroethane-d5	1.916	69	41064	26.352	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	52.700%#		
11) 1,1-Dichloroethene-d2	2.549	63	76198	20.913	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	41.820%#		
21) 2-Butanone-d5	4.658	46	108225	67.077	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	67.080%		
24) Chloroform-d	5.063	84	103457	30.524	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	61.040%#		
26) 1,2-Dichloroethane-d4	5.703	65	77255	33.964	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.920%#		
32) Benzene-d6	5.726	84	248982	35.853	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	71.700%		
36) 1,2-Dichloropropane-d6	6.690	67	77531	36.024	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	72.040%		
41) Toluene-d8	7.899	98	228247	36.098	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.200%#		
43) trans-1,3-Dichloroprop...	8.182	79	38501	37.058	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.120%		
47) 2-Hexanone-d5	8.677	63	78040	76.477	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.480%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	111714	34.227	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	68.460%		
66) 1,2-Dichlorobenzene-d4	12.201	152	91721	38.302	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.600%#		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	682	0.380	ug/L #	21
27) 1,2-Dichloroethane	5.723	62	1334	0.494	ug/L #	73
35) Methylcyclohexane	6.690	83	18902	6.310	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	7859	4.091	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2422	0.829	ug/L #	65
46) Tetrachloroethene	8.555	164	13800	9.720	ug/L	98
49) Dibromochloromethane	8.552	129	13457	6.649	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	14196	5.208	ug/L #	65

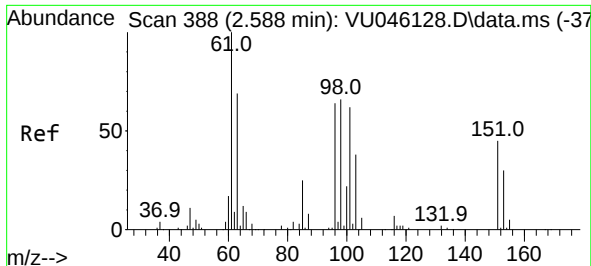
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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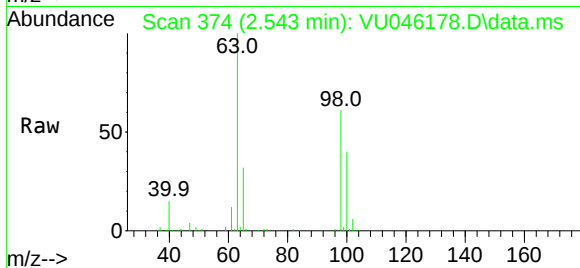
Quant Time: Dec 09 03:20:26 2021
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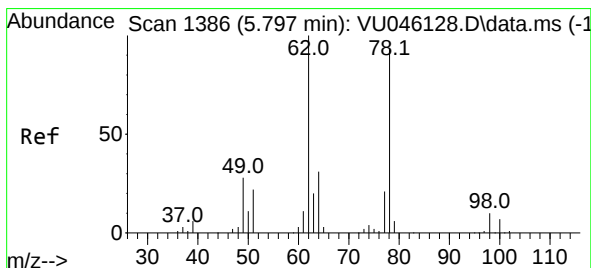
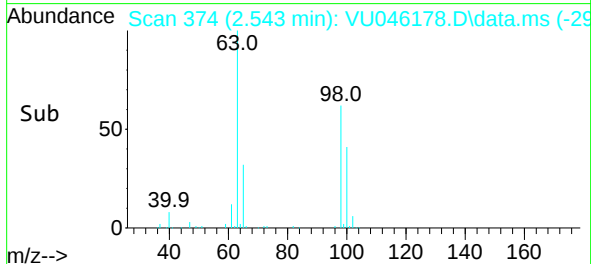
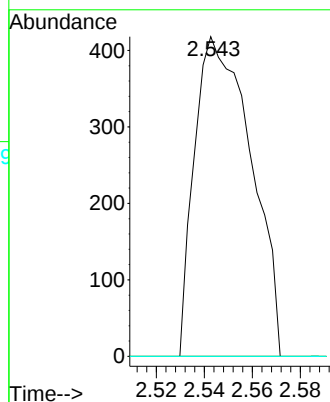


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.380 ug/L
 RT: 2.543 min Scan# 31
 Delta R.T. -0.045 min
 Lab File: VU046178.D
 Acq: 08 Dec 2021 16:11

Instrument :
 MSVOA_U
 ClientSampleId :

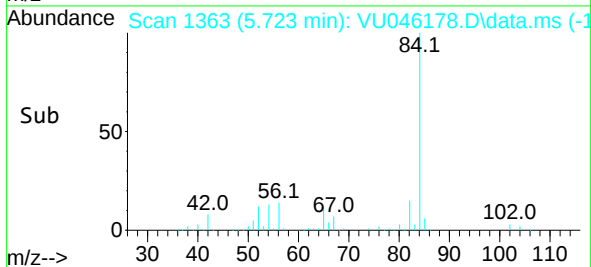
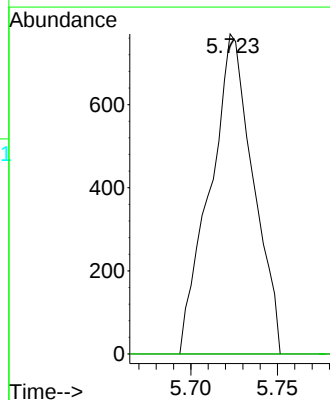
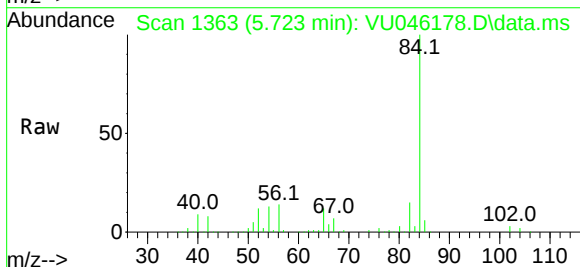


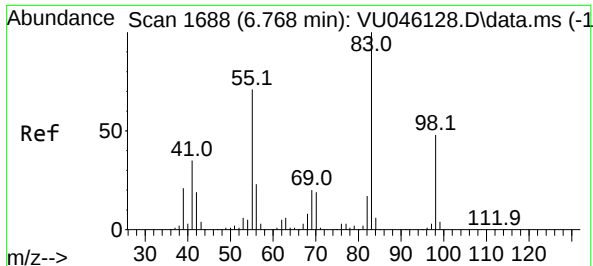
Tgt Ion:101 Resp: 682
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#27
 1,2-Dichloroethane
 Concen: 0.494 ug/L
 RT: 5.723 min Scan# 1363
 Delta R.T. -0.077 min
 Lab File: VU046178.D
 Acq: 08 Dec 2021 16:11

Tgt Ion: 62 Resp: 1334
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.9 11.9#





#35

Methylcyclohexane

Concen: 6.310 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU046178.D

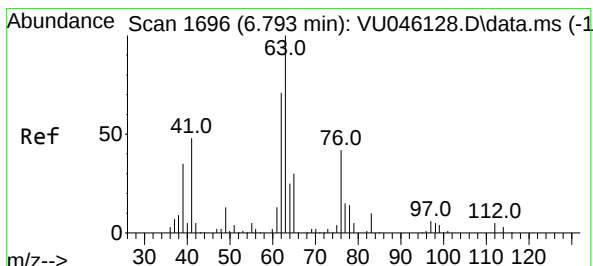
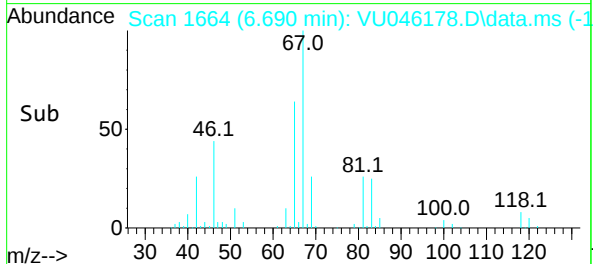
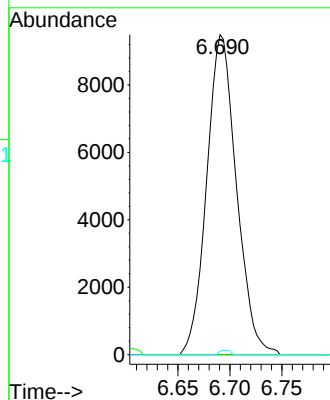
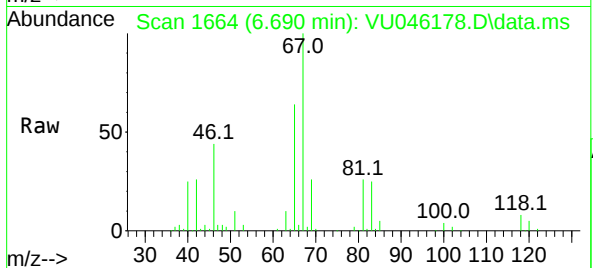
Acq: 08 Dec 2021 16:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 18902
Ion Ratio	Lower Upper
83 100	
55 0.0	57.8 86.6#
98 0.5	38.4 57.6#



#37

1,2-Dichloropropane

Concen: 4.091 ug/L

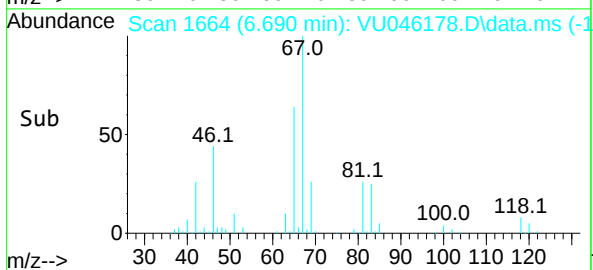
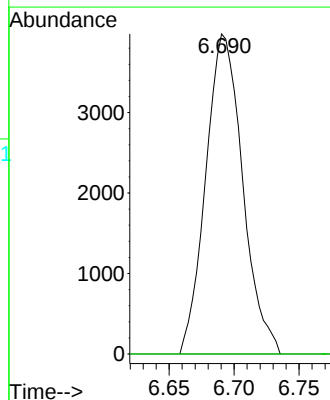
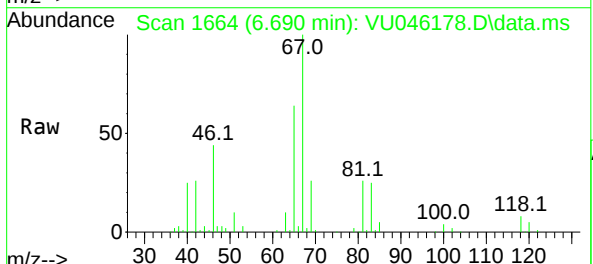
RT: 6.690 min Scan# 1664

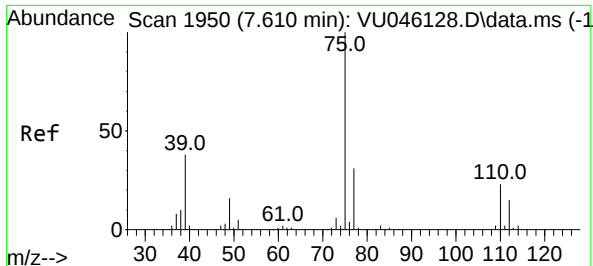
Delta R.T. -0.103 min

Lab File: VU046178.D

Acq: 08 Dec 2021 16:11

Tgt Ion: 63	Resp: 7859
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.829 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046178.D

Acq: 08 Dec 2021 16:11

Instrument :

MSVOA_U

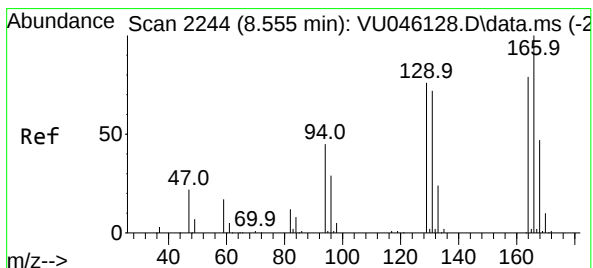
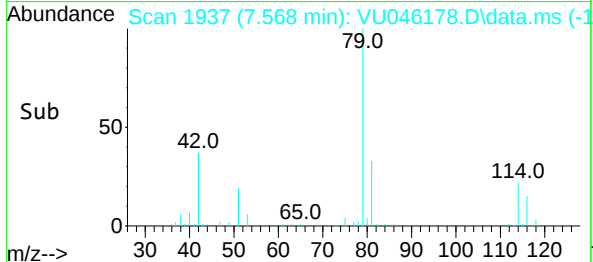
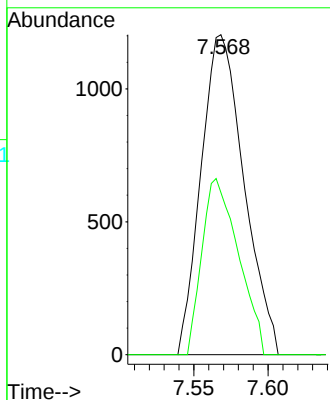
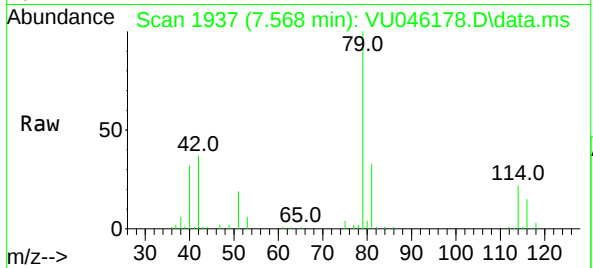
ClientSampleId :

Tgt Ion: 75 Resp: 2422

Ion Ratio Lower Upper

75 100

77 50.7 21.8 40.6#



#46

Tetrachloroethene

Concen: 9.720 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046178.D

Acq: 08 Dec 2021 16:11

Tgt Ion:164 Resp: 13800

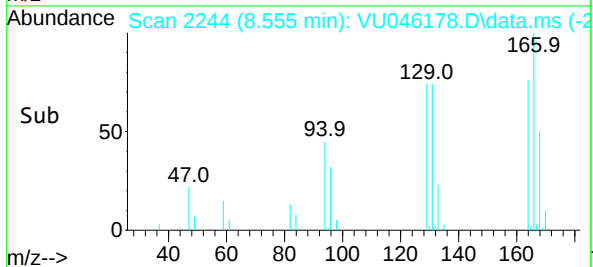
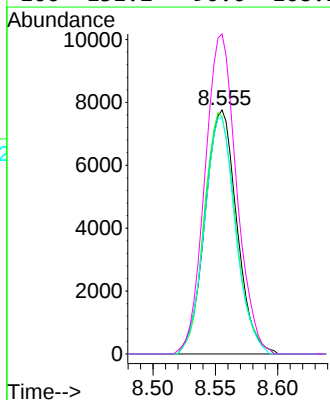
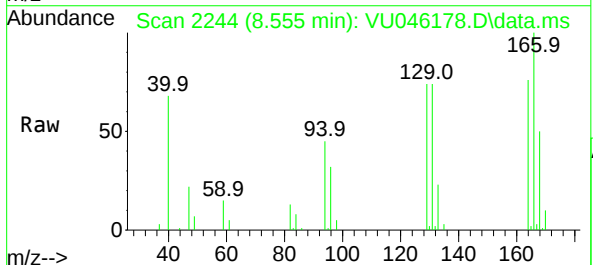
Ion Ratio Lower Upper

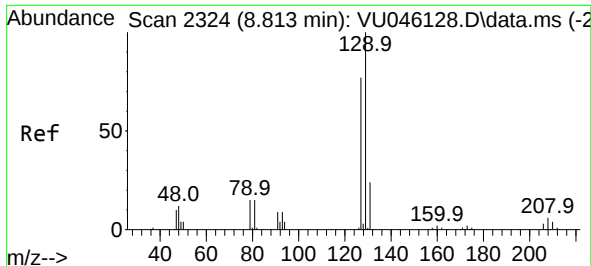
164 100

129 97.2 71.1 132.1

131 96.8 67.8 126.0

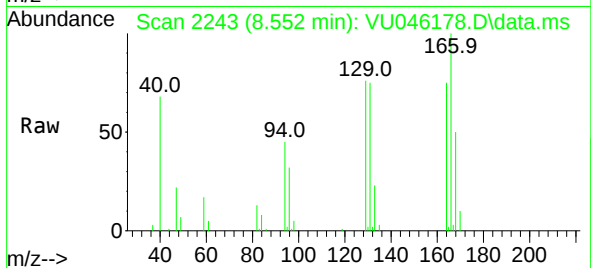
166 131.2 90.6 168.2



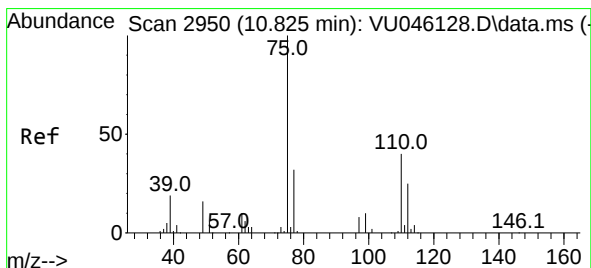
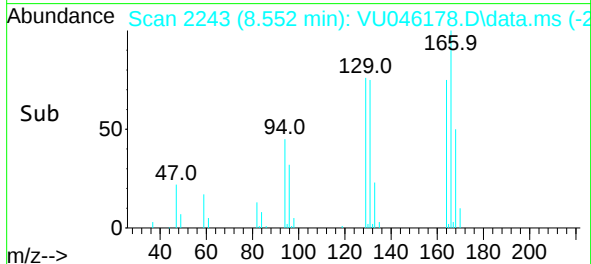
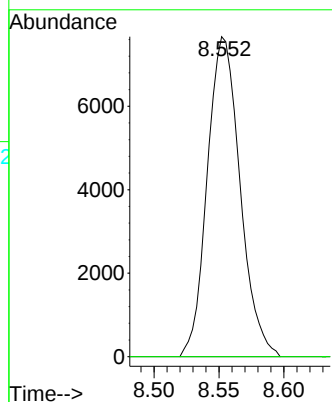


#49
Dibromochloromethane
Concen: 6.649 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.260 min
Lab File: VU046178.D
Acq: 08 Dec 2021 16:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 13457
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#



#60
1,2,3-Trichloropropane
Concen: 5.208 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.994 min
Lab File: VU046178.D
Acq: 08 Dec 2021 16:11

Tgt Ion: 75 Resp: 14196
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
110 1.3 32.4 48.6#

