

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046265.D
 Acq On : 10 Dec 2021 14:48
 Operator : SY/MD
 Sample : M4885-16ME
 Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 22:24:36 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)

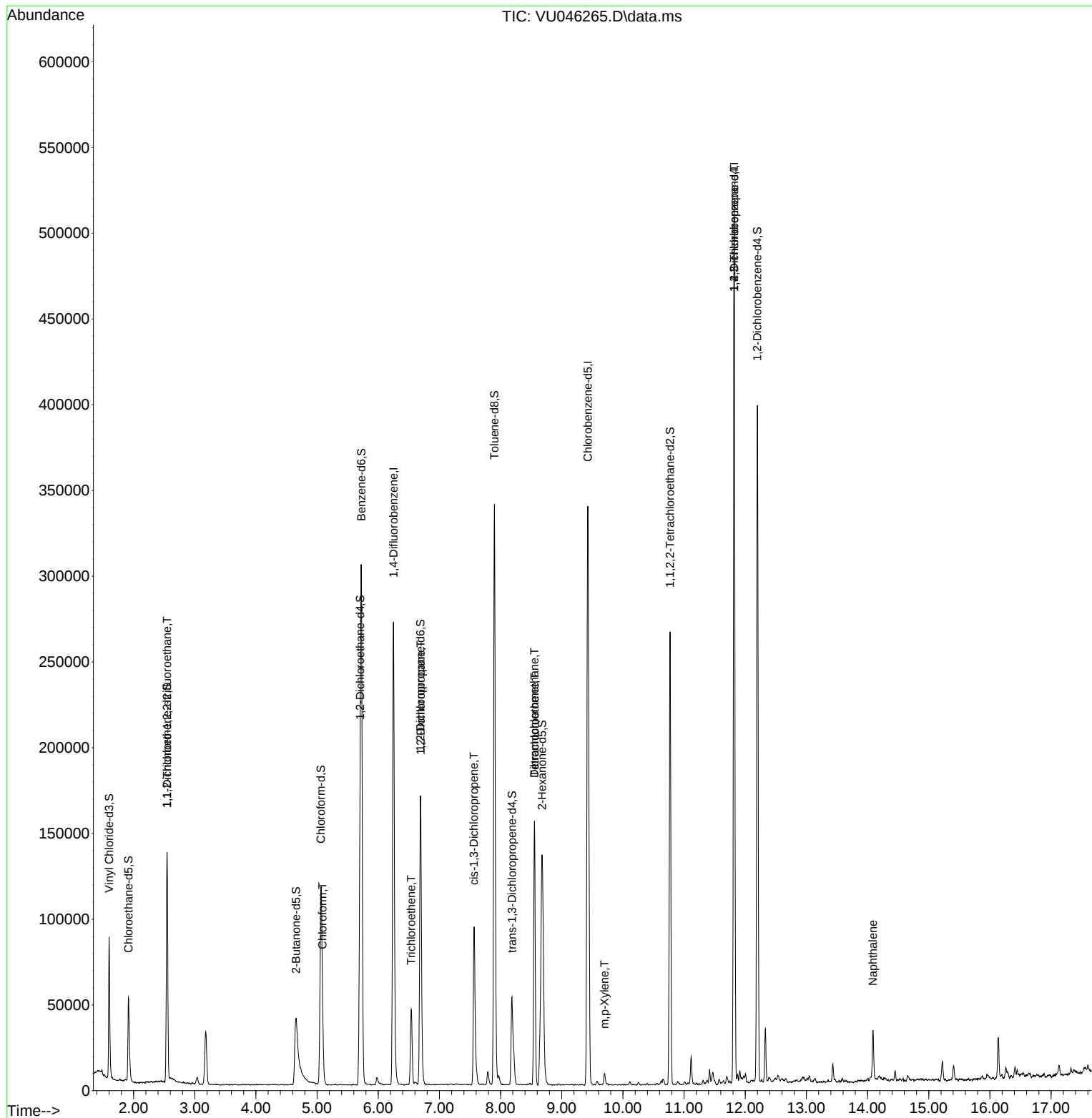
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	244563	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	258565	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	136481	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	66997	33.256	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.520%		
7) Chloroethane-d5	1.916	69	48116	31.107	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	62.220%#		
11) 1,1-Dichloroethene-d2	2.549	63	79810	22.068	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	44.140%#		
21) 2-Butanone-d5	4.655	46	91202	56.948	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	56.950%		
24) Chloroform-d	5.063	84	108042	32.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	64.220%#		
26) 1,2-Dichloroethane-d4	5.703	65	86723	38.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.820%		
32) Benzene-d6	5.723	84	274061	36.981	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.960%		
36) 1,2-Dichloropropane-d6	6.690	67	87328	38.022	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	76.040%		
41) Toluene-d8	7.899	98	247451	36.672	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.340%#		
43) trans-1,3-Dichloroprop...	8.185	79	46469	41.912	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.820%		
47) 2-Hexanone-d5	8.677	63	90505	83.109	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.110%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	135931	39.025	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.060%		
66) 1,2-Dichlorobenzene-d4	12.198	152	104480	39.751	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.500%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.549	101	676	0.380	ug/L #	21
25) Chloroform	5.089	83	25173	6.963	ug/L	95
34) Trichloroethene	6.539	95	14934	7.244	ug/L	97
37) 1,2-Dichloropropane	6.694	63	9622	4.694	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2446	0.784	ug/L #	65
46) Tetrachloroethene	8.555	164	36554	24.127	ug/L	94
49) Dibromochloromethane	8.552	129	35488	16.431	ug/L #	10
53) m,p-Xylene	9.700	106	2575	0.731	ug/L	73
60) 1,2,3-Trichloropropane	11.819	75	15537	5.193	ug/L #	66
71) Naphthalene	14.089	128	23933	2.522	ug/L	98

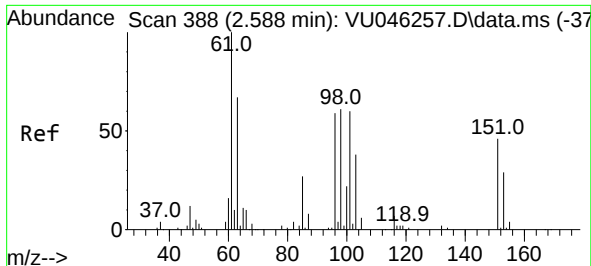
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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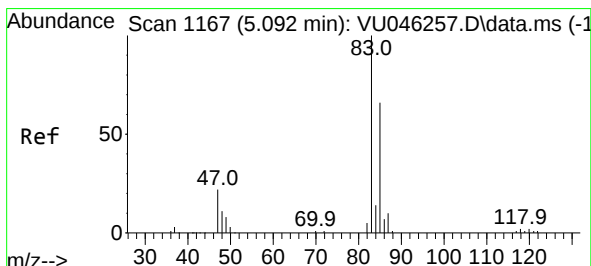
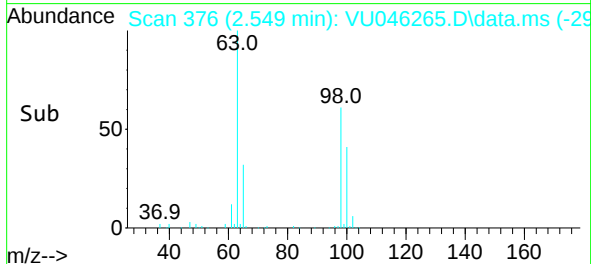
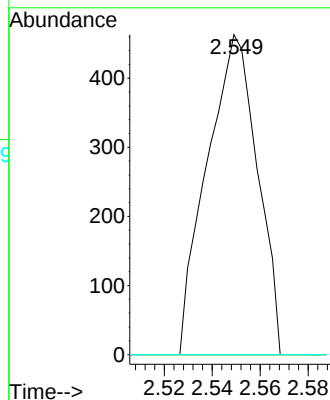
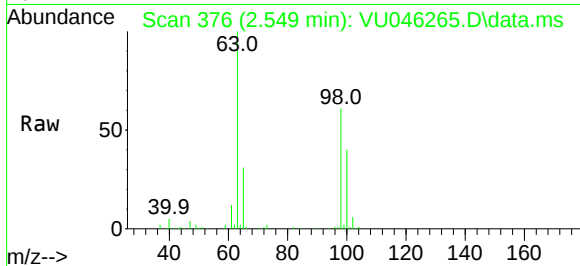




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.380 ug/L
RT: 2.549 min Scan# 31
Delta R.T. -0.039 min
Lab File: VU046265.D
Acq: 10 Dec 2021 14:48

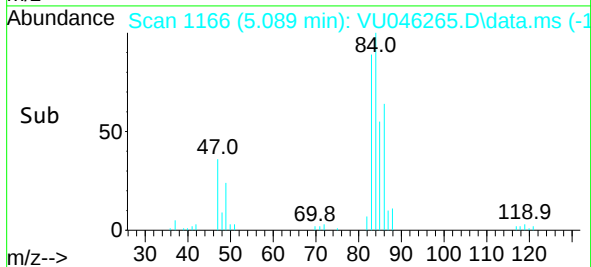
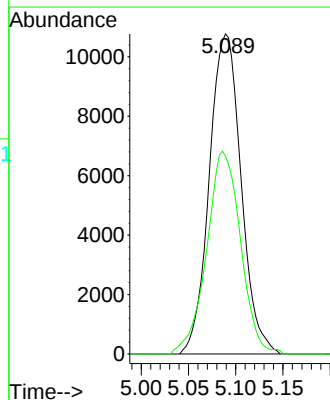
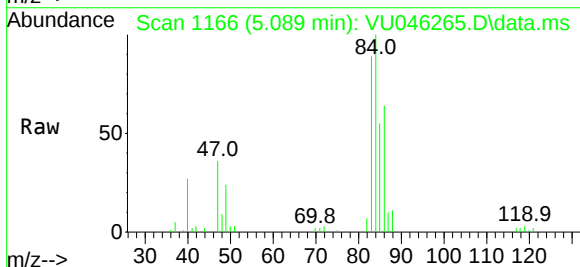
Instrument :
MSVOA_U
ClientSampleId :

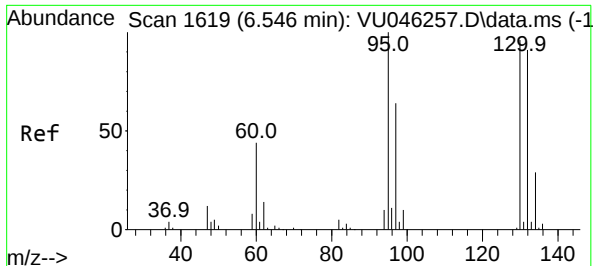
Tgt Ion:101 Resp: 676
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#25
Chloroform
Concen: 6.963 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU046265.D
Acq: 10 Dec 2021 14:48

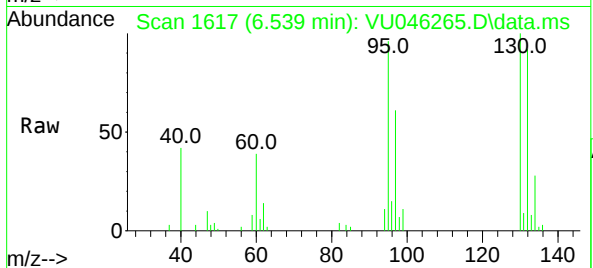
Tgt Ion: 83 Resp: 25173
Ion Ratio Lower Upper
83 100
85 61.8 45.8 85.2





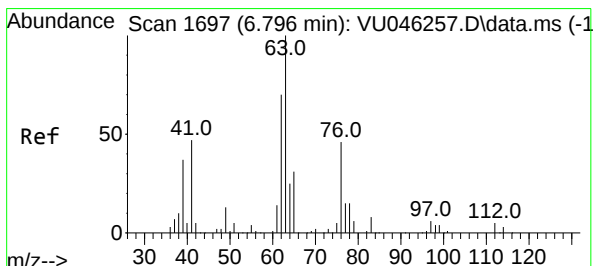
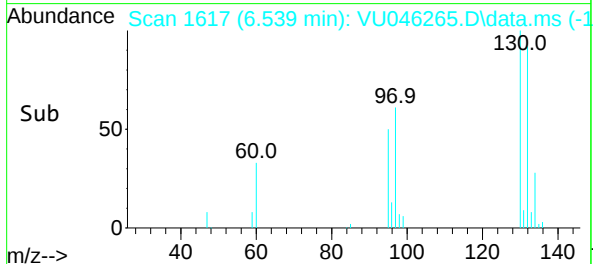
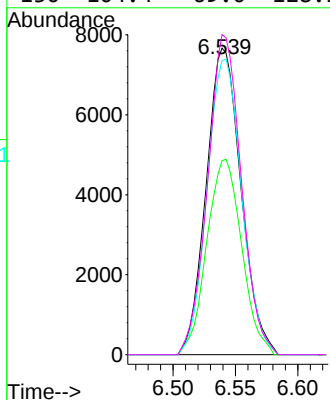
#34
Trichloroethene
Concen: 7.244 ug/L
RT: 6.539 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VU046265.D
Acq: 10 Dec 2021 14:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 14934

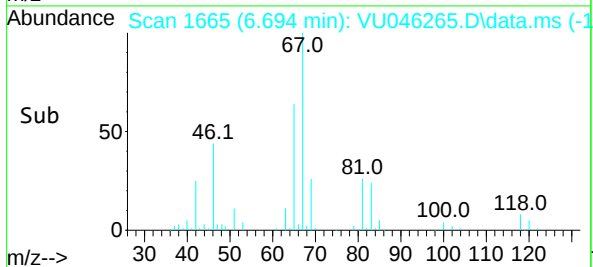
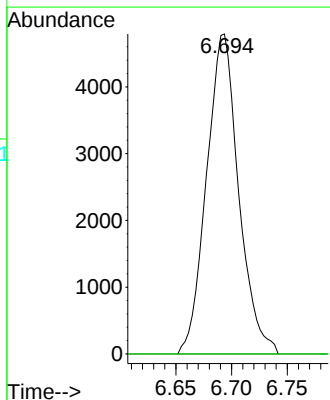
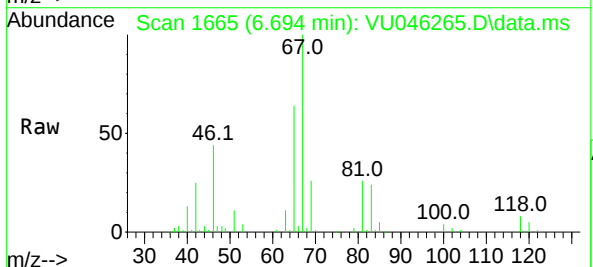
Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.1	81.9
132	96.0	66.8	124.0
130	104.4	69.0	128.1

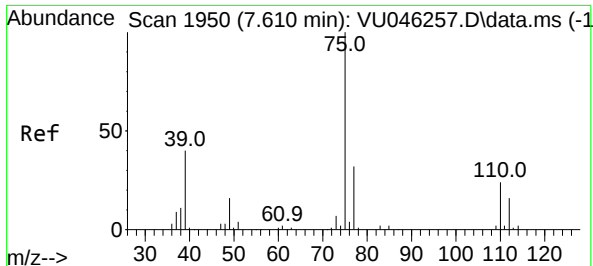


#37
1,2-Dichloropropane
Concen: 4.694 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046265.D
Acq: 10 Dec 2021 14:48

Tgt Ion: 63 Resp: 9622

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.784 ug/L

RT: 7.565 min Scan# 19

Delta R.T. -0.045 min

Lab File: VU046265.D

Acq: 10 Dec 2021 14:48

Instrument :

MSVOA_U

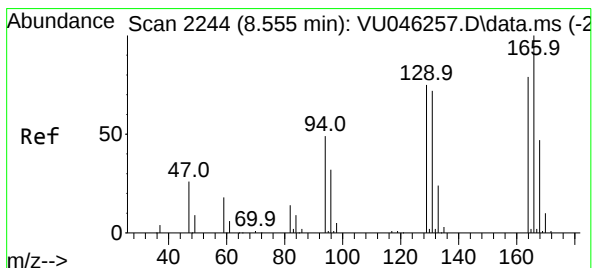
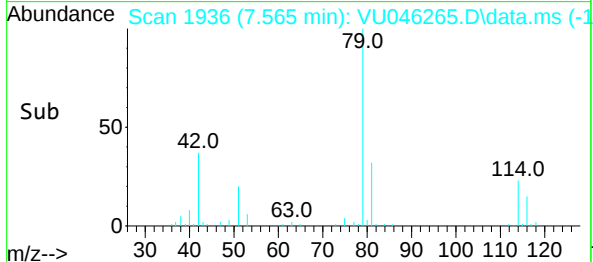
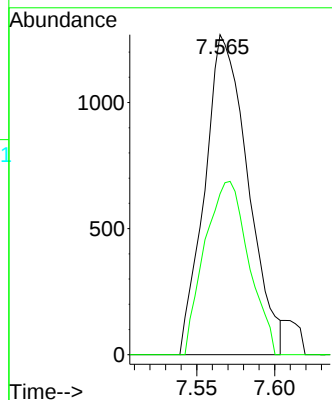
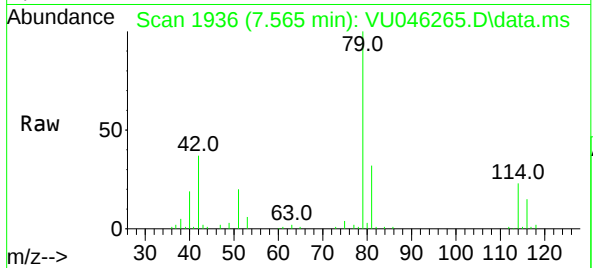
ClientSampleId :

Tgt Ion: 75 Resp: 2446

Ion Ratio Lower Upper

75 100

77 50.3 21.8 40.6#



#46

Tetrachloroethene

Concen: 24.127 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU046265.D

Acq: 10 Dec 2021 14:48

Tgt Ion: 164 Resp: 36554

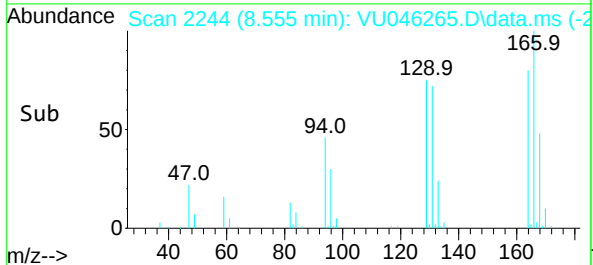
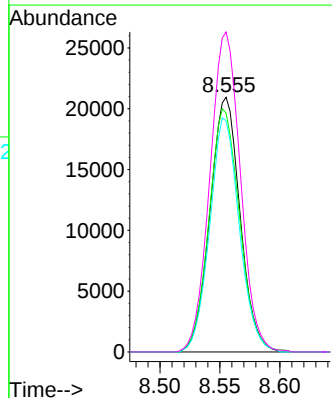
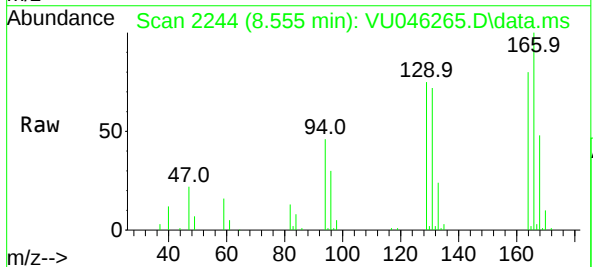
Ion Ratio Lower Upper

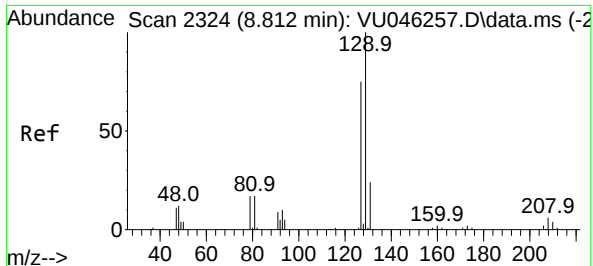
164 100

129 93.8 71.1 132.1

131 90.8 67.8 126.0

166 125.6 90.6 168.2





#49

Dibromochloromethane

Concen: 16.431 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU046265.D

Acq: 10 Dec 2021 14:48

Instrument :

MSVOA_U

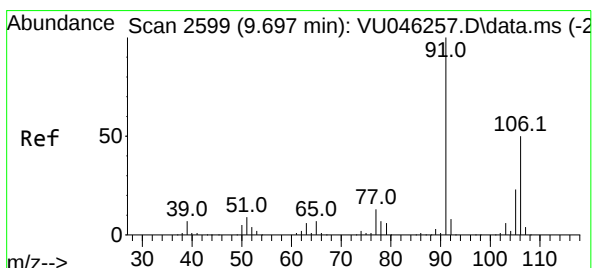
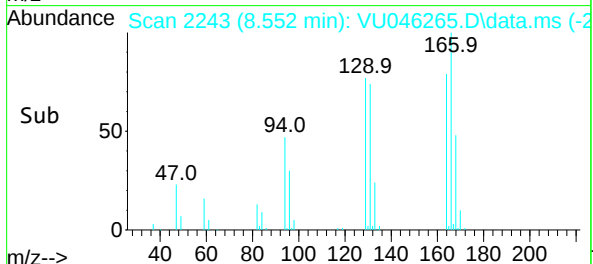
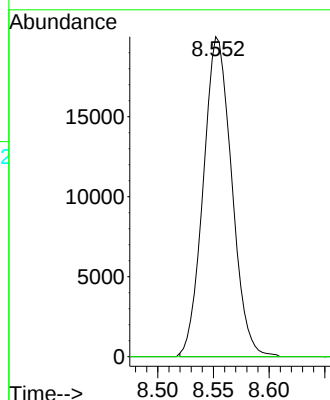
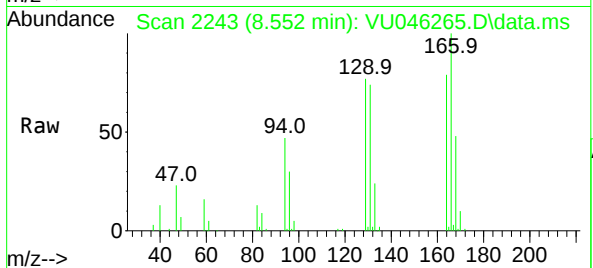
ClientSampleId :

Tgt Ion:129 Resp: 35488

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#53

m,p-Xylene

Concen: 0.731 ug/L

RT: 9.700 min Scan# 2600

Delta R.T. 0.003 min

Lab File: VU046265.D

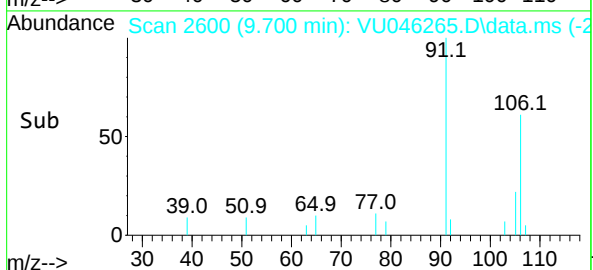
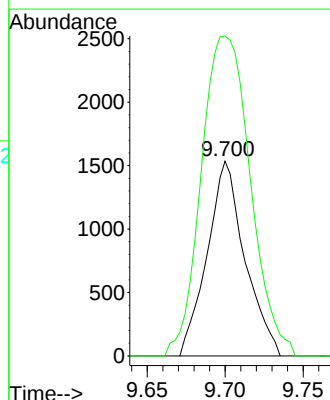
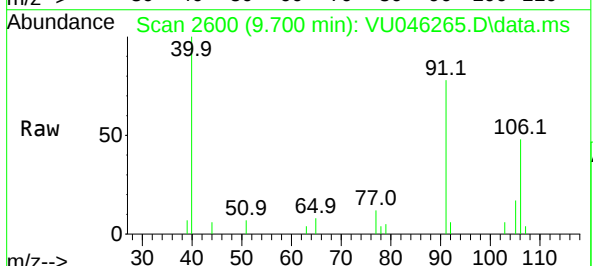
Acq: 10 Dec 2021 14:48

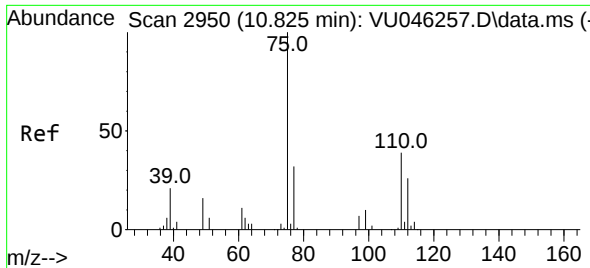
Tgt Ion:106 Resp: 2575

Ion Ratio Lower Upper

106 100

91 164.4 144.3 268.1

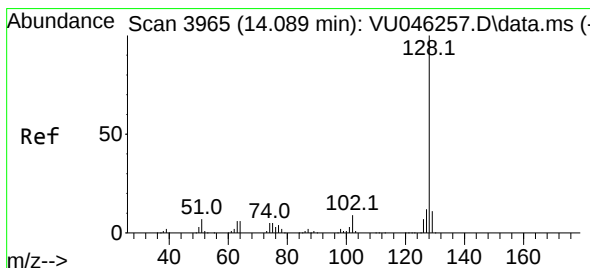
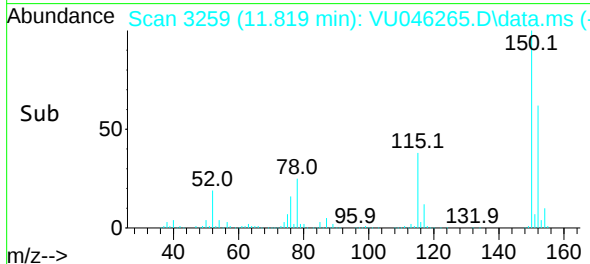
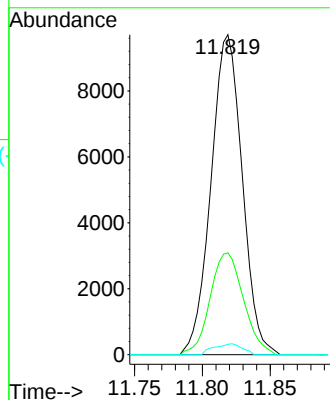
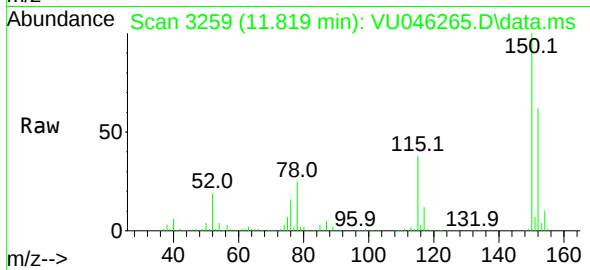




#60
1,2,3-Trichloropropane
Concen: 5.193 ug/L
RT: 11.819 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU046265.D
Acq: 10 Dec 2021 14:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 15537
Ion Ratio Lower Upper
75 100
77 34.0 26.4 39.6
110 3.1 32.4 48.6#



#71
Naphthalene
Concen: 2.522 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046265.D
Acq: 10 Dec 2021 14:48

Tgt Ion:128 Resp: 23933
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 12.2 8.6 13.0

