

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043953.D
 Acq On : 25 May 2021 11:00
 Operator : SY/MD
 Sample : M2494-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 GB421

Quant Time: May 25 14:29:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 07:46:23 2021
 Response via : Initial Calibration

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

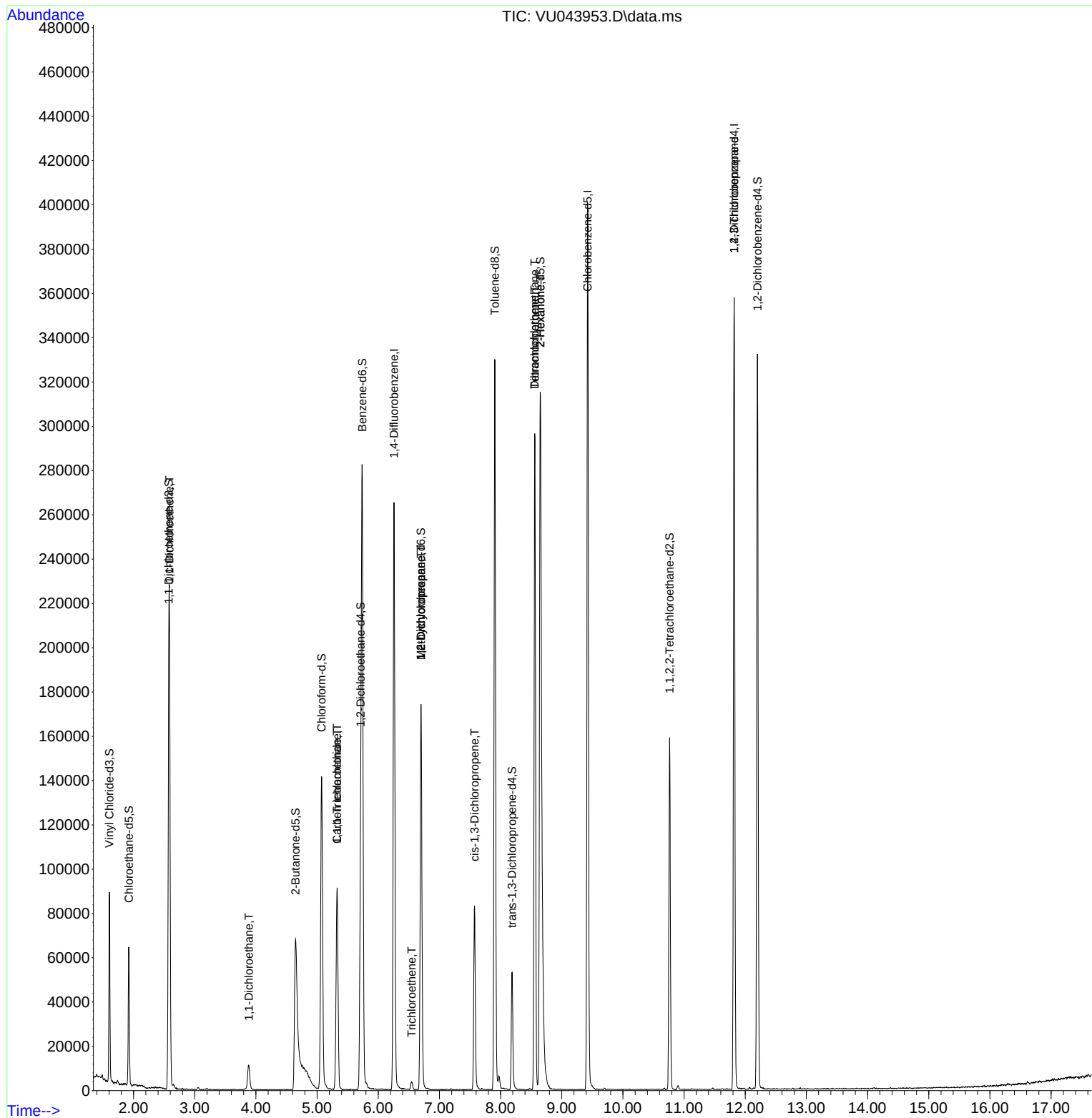
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	229271	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	240549	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	104352	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60831	4.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.40%			
7) Chloroethane-d5	1.922	69	45681	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.575	65	29600	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.40%			
20) 2-Butanone-d5	4.649	46	147765	36.52	ug/L	-0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 73.04%			
24) Chloroform-d	5.073	84	135779	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	5.713	65	72424	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.739	84	273603	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.700	67	88379	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.906	98	232536	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloroprop...	8.185	79	31667	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.648	63	151634	46.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.26%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	81452	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
66) 1,2-Dichlorobenzene-d4	12.201	152	98309	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	45187	3.05	ug/L #	68
19) 1,1-Dichloroethane	3.883	63	12794	0.48	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	65501	2.63	ug/L	98
31) Carbon tetrachloride	5.327	117	9178	0.43	ug/L	100
34) Trichloroethene	6.546	95	988	0.06	ug/L	94
35) Methylcyclohexane	6.700	83	21376	0.87	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	8894	0.52	ug/L #	86
39) cis-1,3-Dichloropropene	7.574	75	1863	0.08	ug/L #	60
47) Tetrachloroethene	8.558	164	73159	5.01	ug/L	99
48) 2-Hexanone	8.648	43	15205	2.10	ug/L #	68
49) Dibromochloromethane	8.558	129	65838	4.31	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	10495	1.09	ug/L #	67

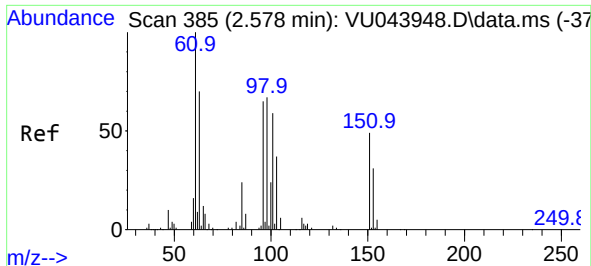
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.05 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.010 min

Lab File: VU043953.D

Acq: 25 May 2021 11:00

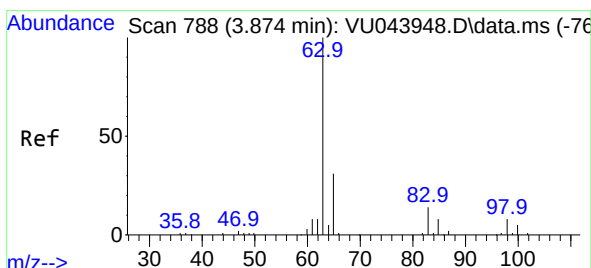
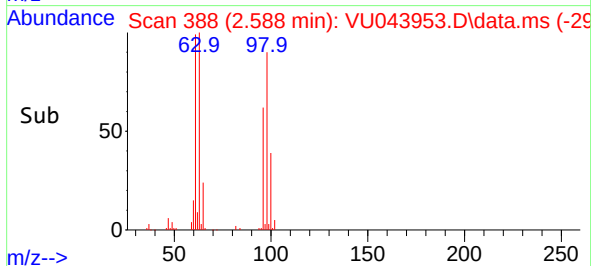
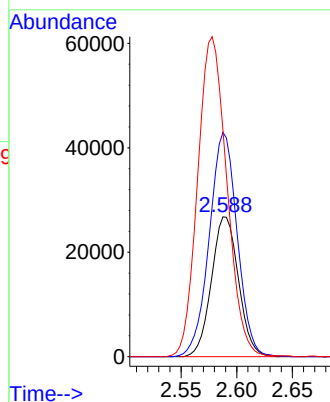
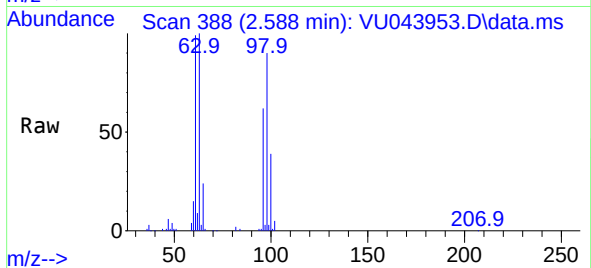
Tgt Ion: 96 Resp: 45187

Ion Ratio Lower Upper

96 100

61 160.3 105.1 195.3

63 162.4 66.6 123.6#



#19

1,1-Dichloroethane

Concen: 0.48 ug/L

RT: 3.883 min Scan# 791

Delta R.T. 0.010 min

Lab File: VU043953.D

Acq: 25 May 2021 11:00

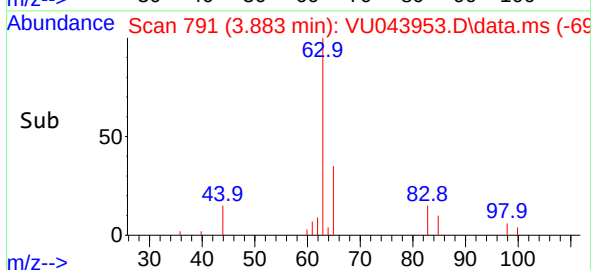
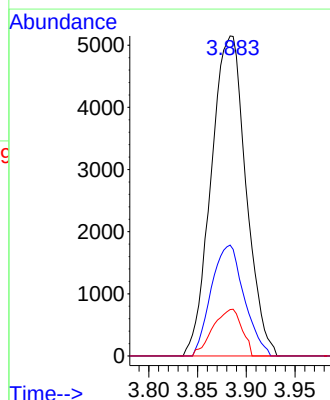
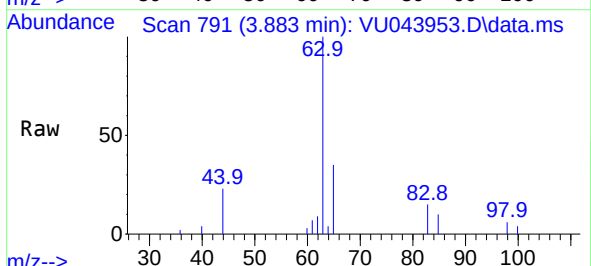
Tgt Ion: 63 Resp: 12794

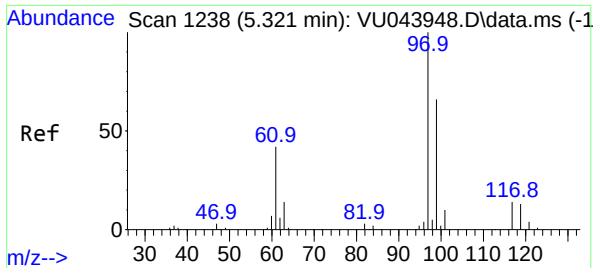
Ion Ratio Lower Upper

63 100

65 34.7 23.2 43.2

83 14.5 9.7 18.1

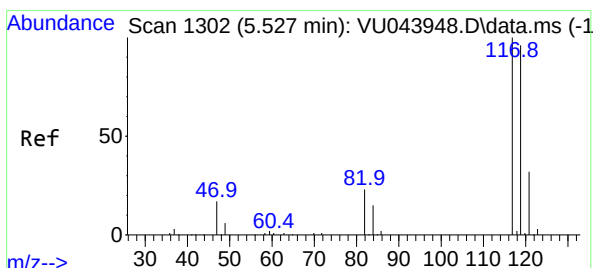
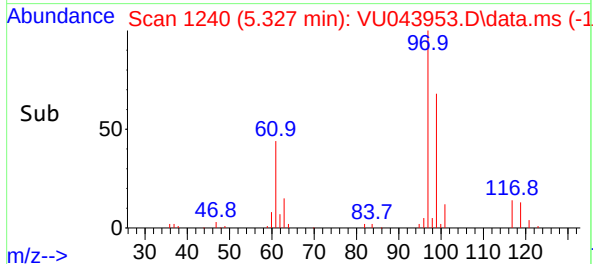
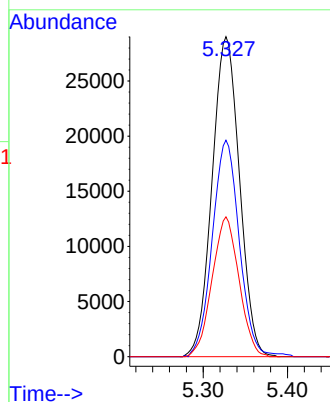
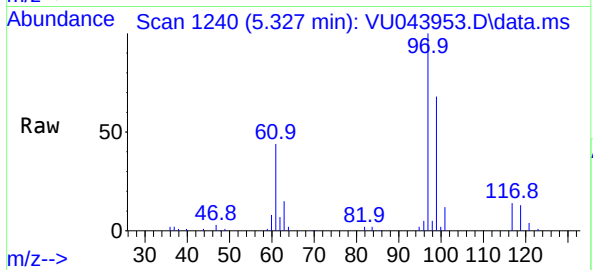




#29
1,1,1-Trichloroethane
Concen: 2.63 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VU043953.D
Acq: 25 May 2021 11:00

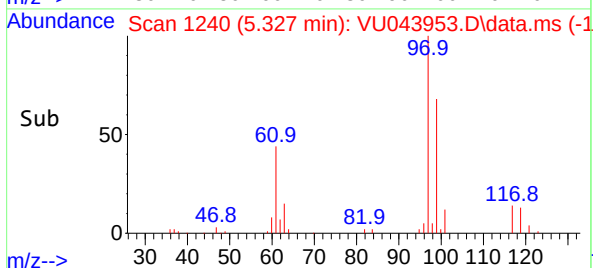
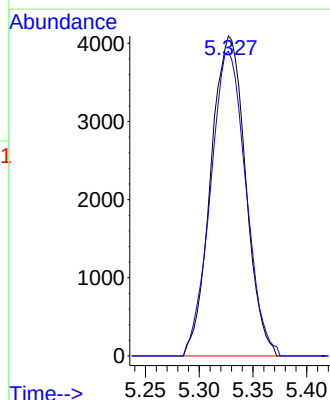
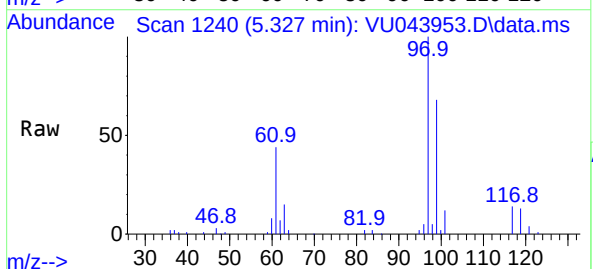
Instrument :
MSVOA_U
ClientSampled :
GB421

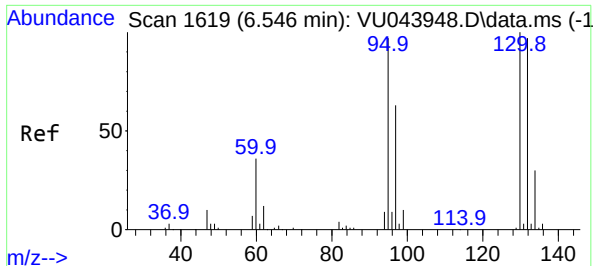
Tgt Ion:	97	Resp:	65501
Ion	Ratio	Lower	Upper
97	100		
99	66.9	51.9	77.9
61	42.9	34.7	52.1



#31
Carbon tetrachloride
Concen: 0.43 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.199 min
Lab File: VU043953.D
Acq: 25 May 2021 11:00

Tgt Ion:	117	Resp:	9178
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.0



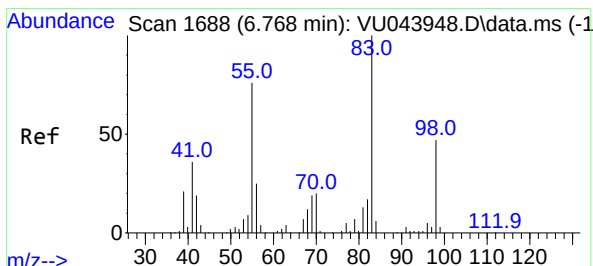
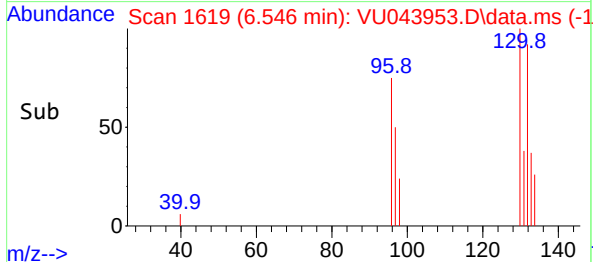
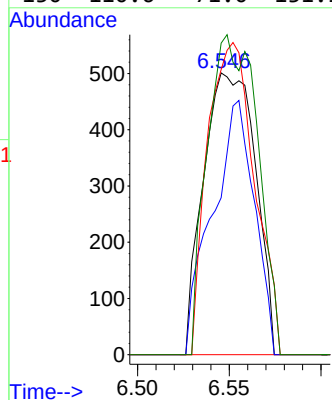
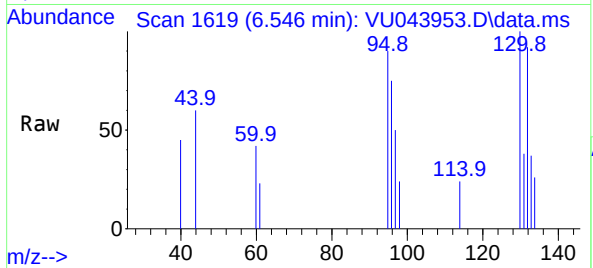


#34
Trichloroethene
Concen: 0.06 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU043953.D
Acq: 25 May 2021 11:00

Instrument :
MSVOA_U
ClientSampled :
GB421

Tgt Ion: 95 Resp: 988

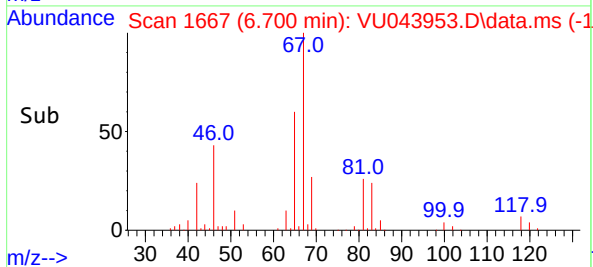
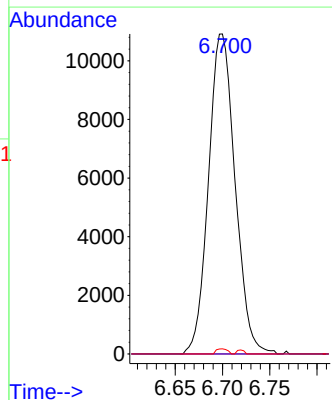
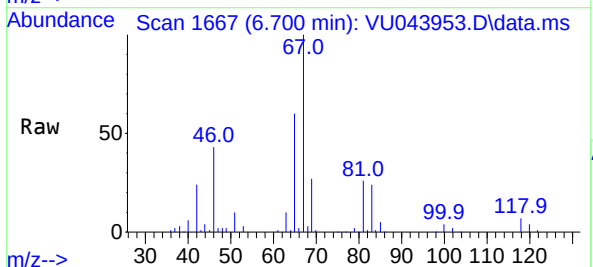
Ion	Ratio	Lower	Upper
95	100		
97	55.7	45.5	84.5
132	101.2	70.9	131.7
130	110.6	71.0	131.9

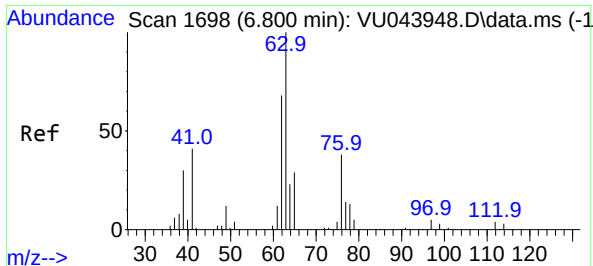


#35
Methylcyclohexane
Concen: 0.87 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.064 min
Lab File: VU043953.D
Acq: 25 May 2021 11:00

Tgt Ion: 83 Resp: 21376

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.7	37.0	55.4#

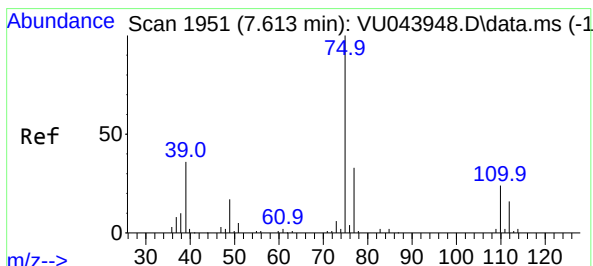
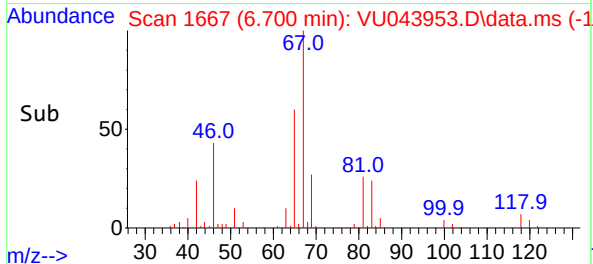
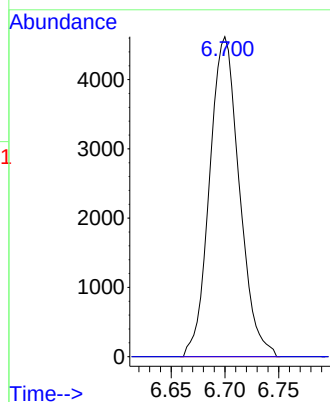
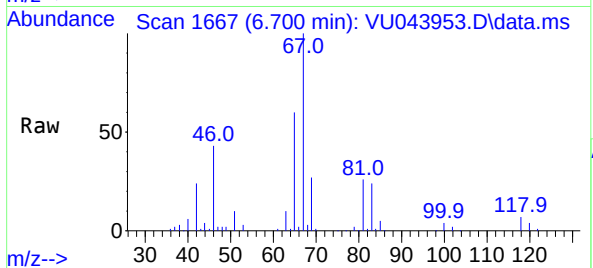




#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043953.D
Acq: 25 May 2021 11:00

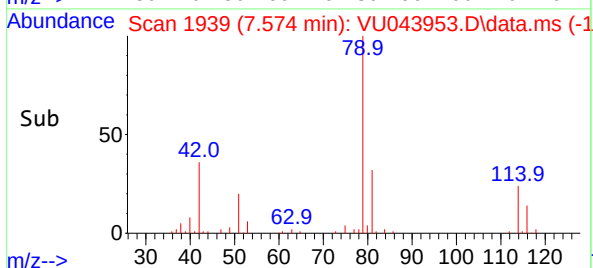
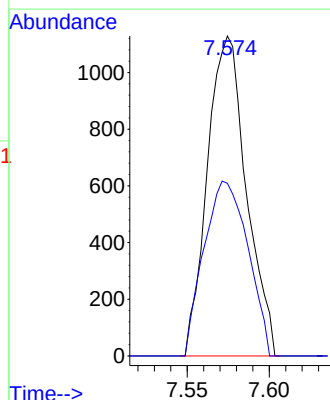
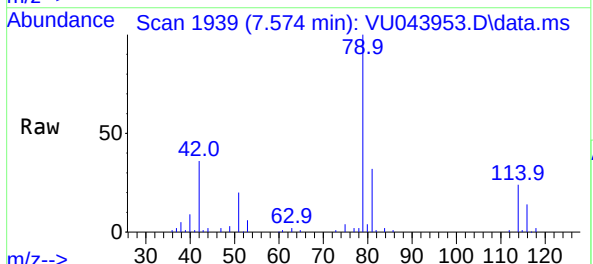
Instrument :
MSVOA_U
ClientSampleId :
GB421

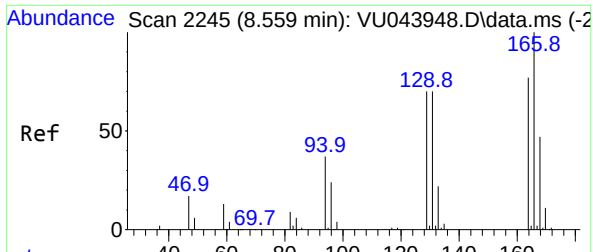
Tgt Ion: 63 Resp: 8894
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043953.D
Acq: 25 May 2021 11:00

Tgt Ion: 75 Resp: 1863
Ion Ratio Lower Upper
75 100
77 53.9 22.3 41.3#





#47

Tetrachloroethene

Concen: 5.01 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU043953.D

Acq: 25 May 2021 11:00

Tgt Ion:164 Resp: 73159

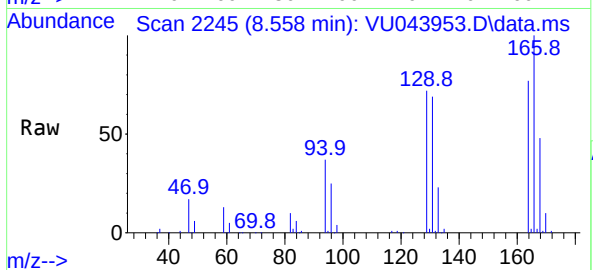
Ion Ratio Lower Upper

164 100

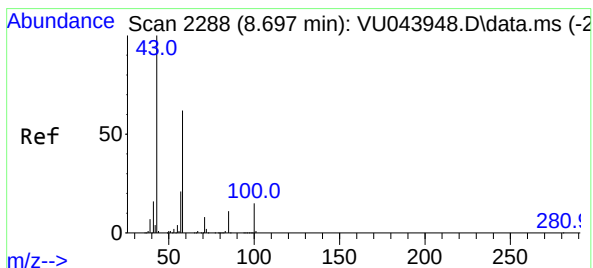
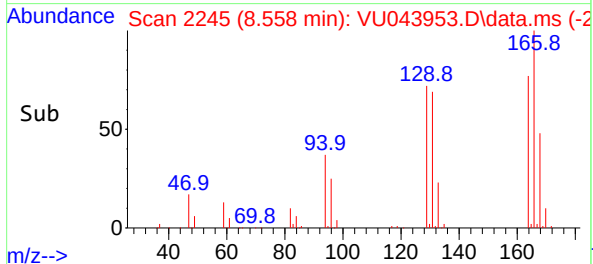
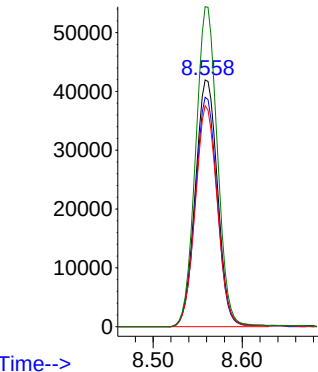
129 93.0 64.1 119.1

131 89.5 64.5 119.9

166 129.7 90.8 168.6



Abundance



#48

2-Hexanone

Concen: 2.10 ug/L

RT: 8.648 min Scan# 2273

Delta R.T. -0.051 min

Lab File: VU043953.D

Acq: 25 May 2021 11:00

Tgt Ion: 43 Resp: 15205

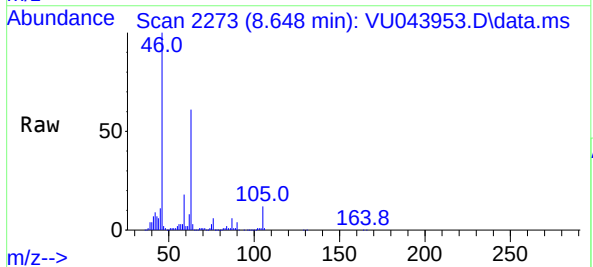
Ion Ratio Lower Upper

43 100

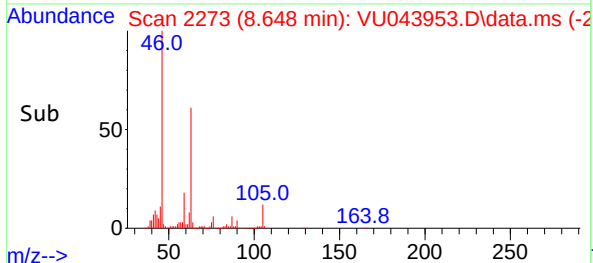
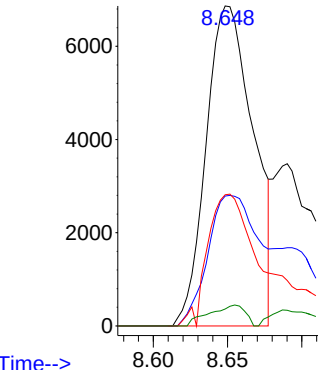
58 45.0 49.4 74.0#

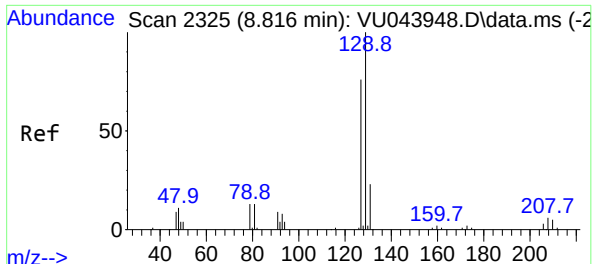
57 54.0 16.8 25.2#

100 5.0 10.6 15.8#



Abundance





#49

Dibromochloromethane

Concen: 4.31 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU043953.D

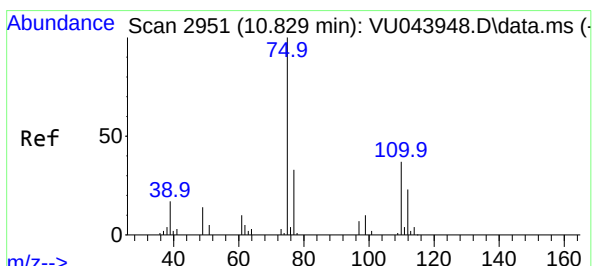
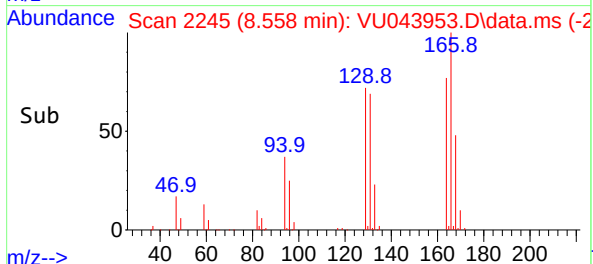
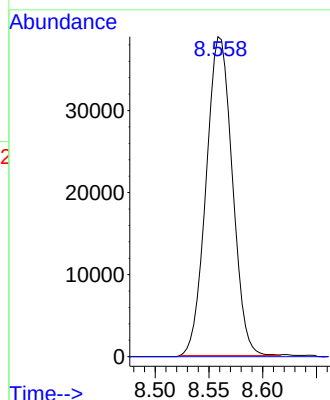
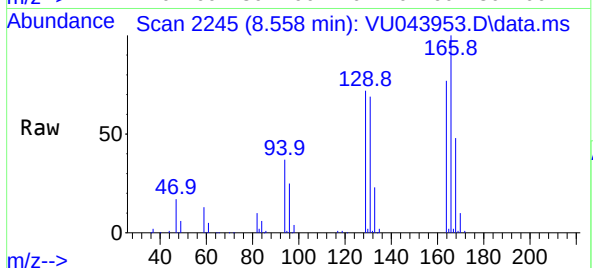
Acq: 25 May 2021 11:00

Tgt Ion:129 Resp: 65838

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.09 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.990 min

Lab File: VU043953.D

Acq: 25 May 2021 11:00

Tgt Ion: 75 Resp: 10495

Ion Ratio Lower Upper

75 100

110 1.1 29.3 43.9#

77 34.7 26.3 39.5

