

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045820.D
 Acq On : 16 Nov 2021 20:26
 Operator : SY/MD
 Sample : M4686-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG211

Quant Time: Nov 17 06:15:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

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

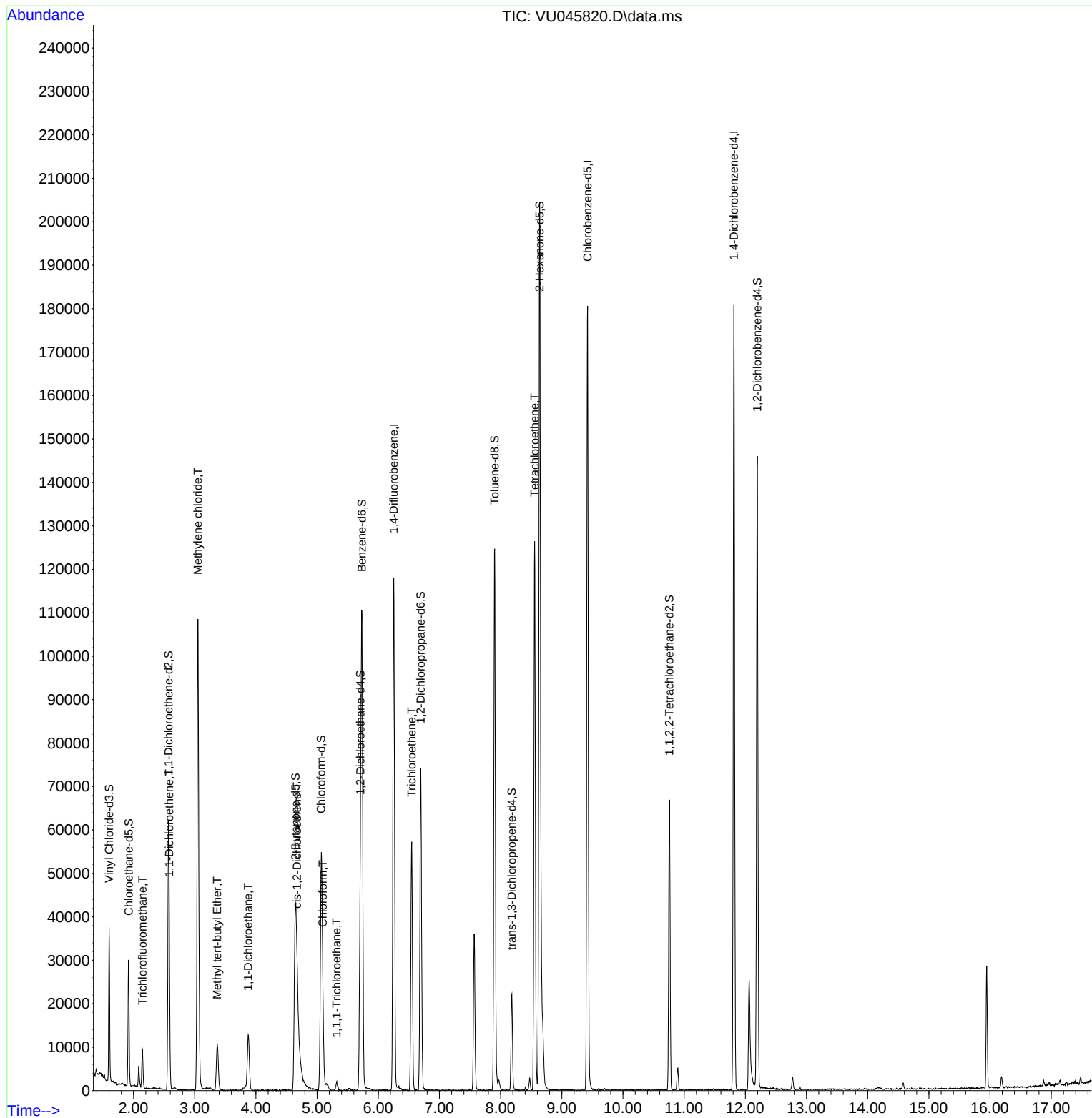
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95547	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.421	117	100585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	46267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24117	3.186	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.919	69	21107	3.830	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.572	65	11135	3.507	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.649	46	108756	53.609	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.220%
24) Chloroform-d	5.067	84	47949	3.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
26) 1,2-Dichloroethane-d4	5.707	65	31229	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.733	84	101607	3.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	6.694	67	34694	3.974	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.400%
41) Toluene-d8	7.903	98	85605	3.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	8.183	79	13114	3.700	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.636	63	74796	46.891	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.780%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33326	4.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	36799	4.632	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	5927	0.555	ug/L	96
12) 1,1-Dichloroethene	2.585	96	3346	0.566	ug/L #	1
16) Methylene chloride	3.051	84	52715	6.037	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	12183	0.791	ug/L	99
19) 1,1-Dichloroethane	3.874	63	14616	1.231	ug/L	98
22) cis-1,2-Dichloroethene	4.672	96	1342	0.195	ug/L	88
25) Chloroform	5.093	83	12425	0.964	ug/L	99
29) 1,1,1-Trichloroethane	5.318	97	1647	0.151	ug/L	97
34) Trichloroethene	6.546	95	18994	2.626	ug/L	96
47) Tetrachloroethene	8.556	164	26878	5.308	ug/L	98

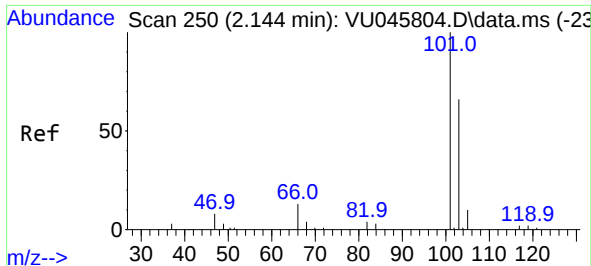
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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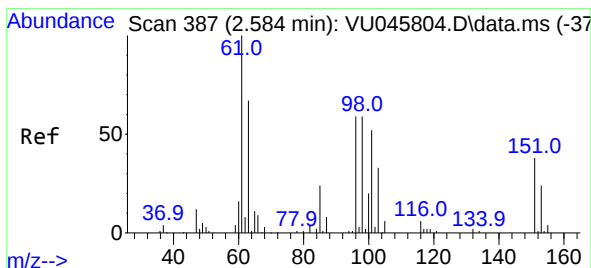
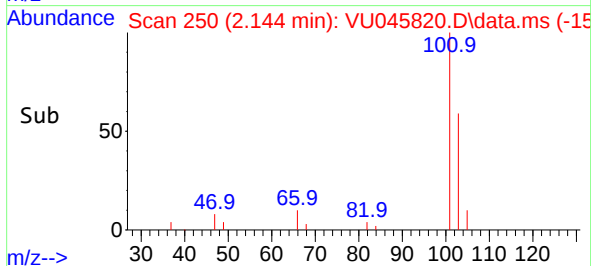
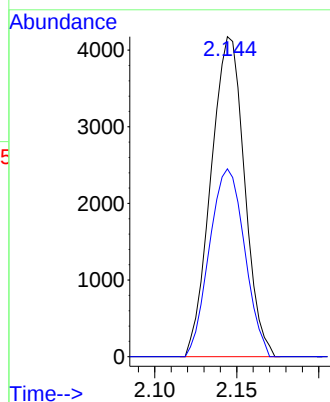
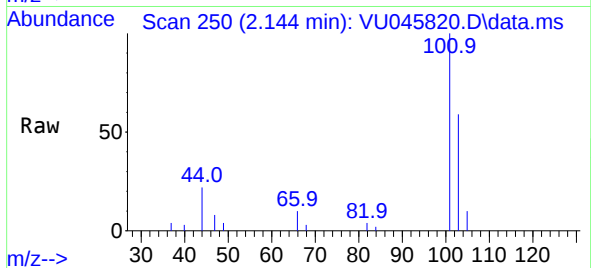




#9
 Trichlorofluoromethane
 Concen: 0.555 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045820.D
 Acq: 16 Nov 2021 20:26

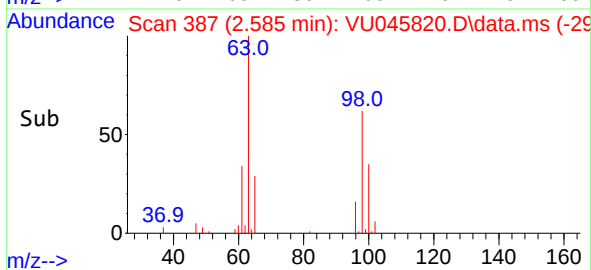
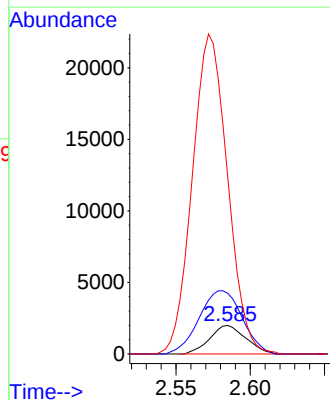
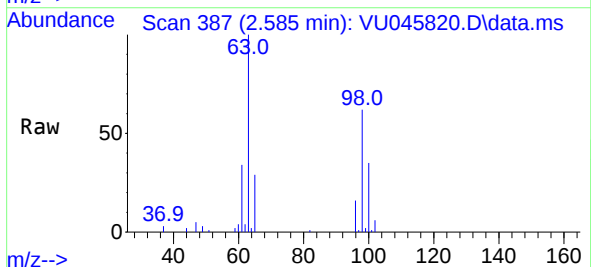
Instrument :
 MSVOA_U
 ClientSampleId :
 BG211

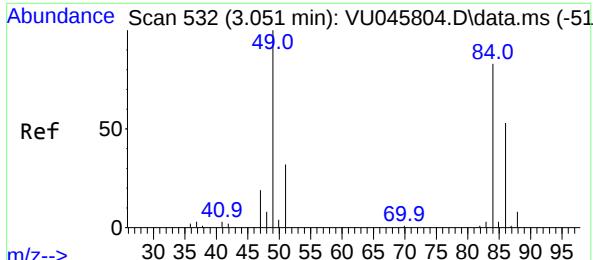
Tgt Ion:101 Resp: 5927
 Ion Ratio Lower Upper
 101 100
 103 61.6 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 0.566 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU045820.D
 Acq: 16 Nov 2021 20:26

Tgt Ion: 96 Resp: 3346
 Ion Ratio Lower Upper
 96 100
 61 212.2 124.7 231.5
 63 622.0 105.2 195.4#



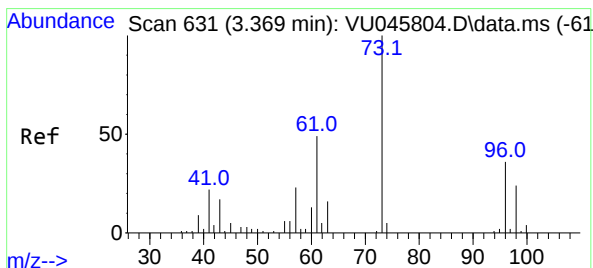
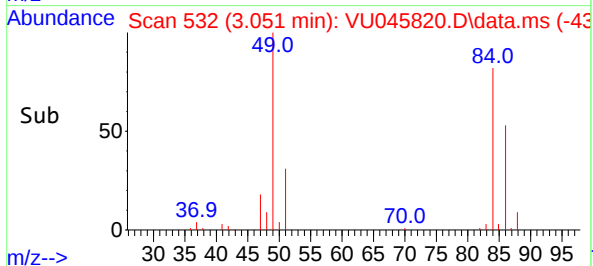
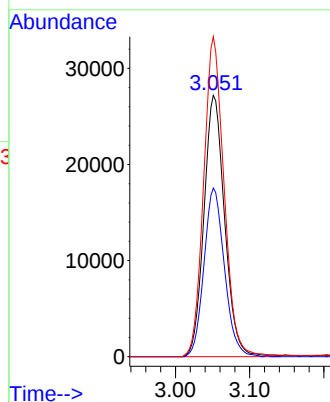
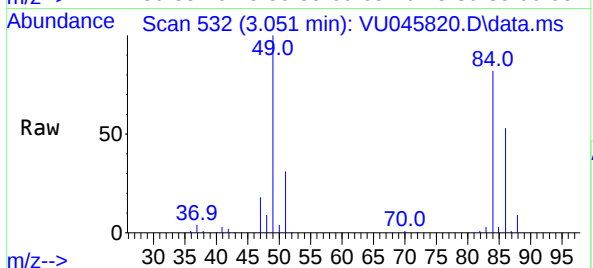


#16
Methylene chloride
Concen: 6.037 ug/L
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045820.D
Acq: 16 Nov 2021 20:26

Instrument :
MSVOA_U
ClientSampleId :
BG211

Tgt Ion: 84 Resp: 52715

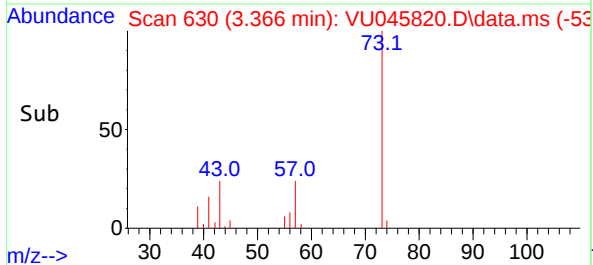
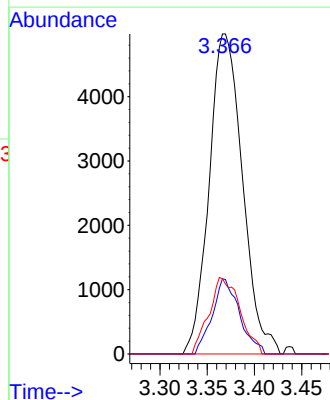
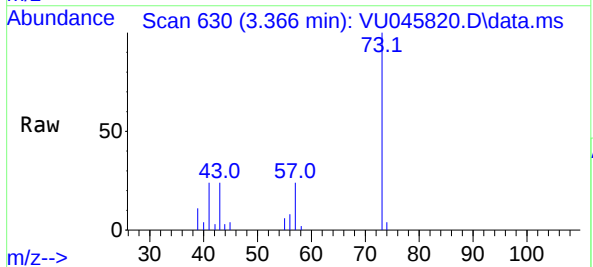
Ion	Ratio	Lower	Upper
84	100		
86	64.5	45.8	85.0
49	122.4	84.5	156.9

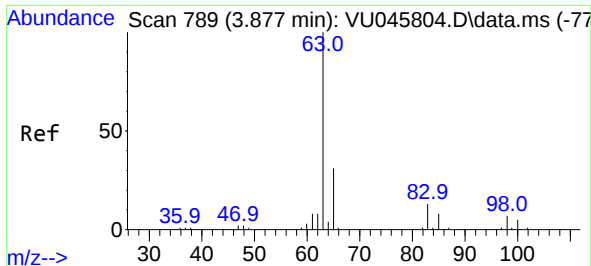


#17
Methyl tert-butyl Ether
Concen: 0.791 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU045820.D
Acq: 16 Nov 2021 20:26

Tgt Ion: 73 Resp: 12183

Ion	Ratio	Lower	Upper
73	100		
43	19.2	14.8	22.2
57	22.3	17.4	26.0





#19

1,1-Dichloroethane

Concen: 1.231 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU045820.D

Acq: 16 Nov 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

BG211

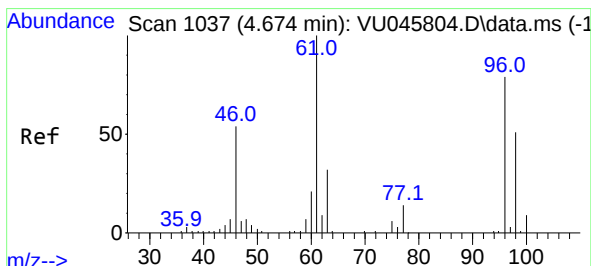
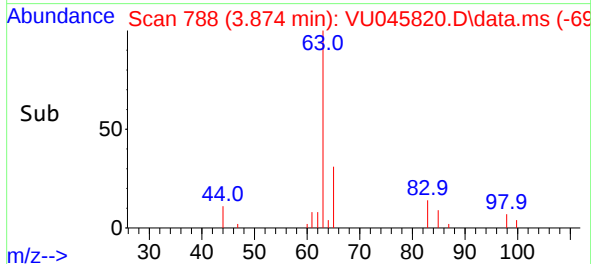
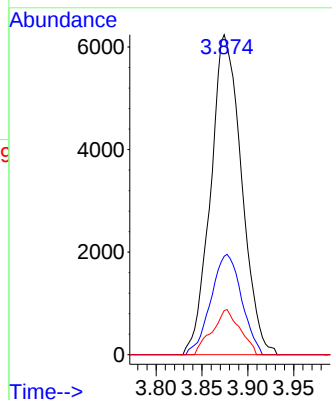
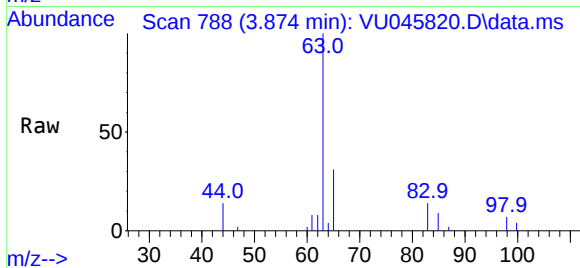
Tgt Ion: 63 Resp: 14616

Ion Ratio Lower Upper

63 100

65 30.7 22.3 41.5

83 13.8 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.195 ug/L

RT: 4.672 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU045820.D

Acq: 16 Nov 2021 20:26

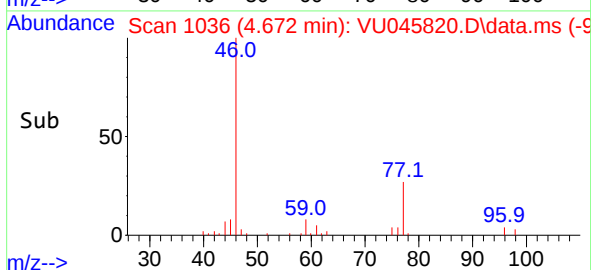
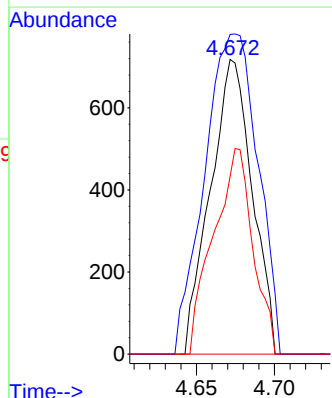
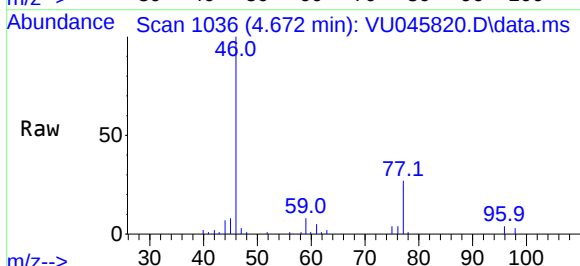
Tgt Ion: 96 Resp: 1342

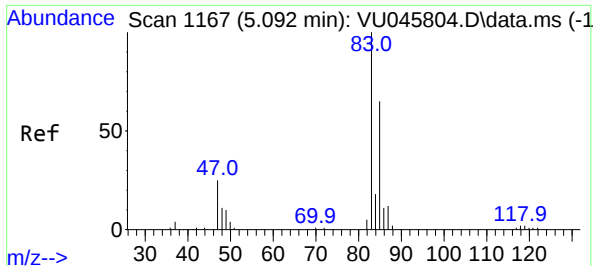
Ion Ratio Lower Upper

96 100

61 108.5 88.5 164.3

98 60.3 44.4 82.5

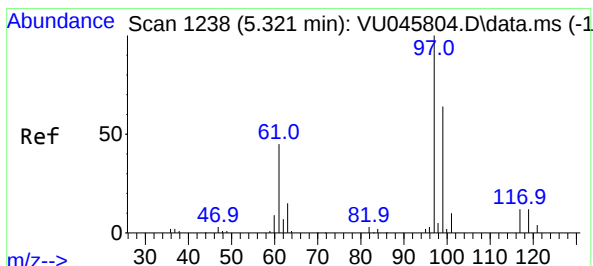
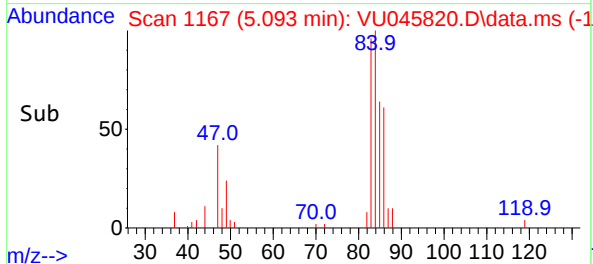
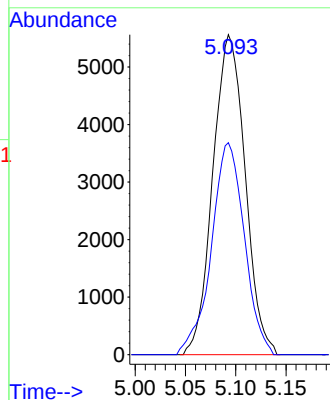
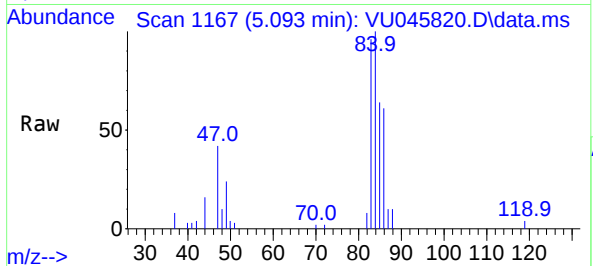




#25
Chloroform
Concen: 0.964 ug/L
RT: 5.093 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045820.D
Acq: 16 Nov 2021 20:26

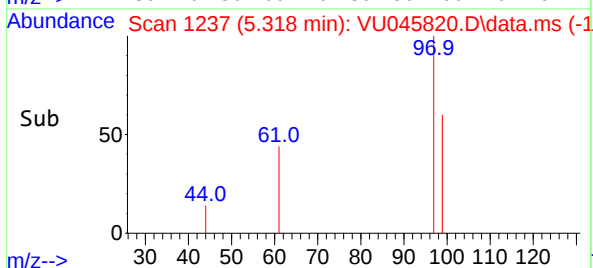
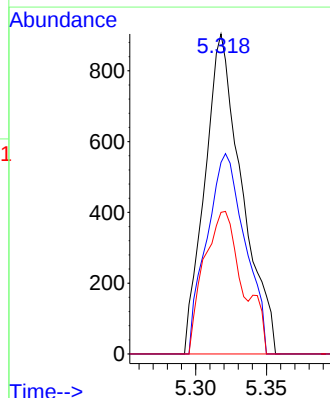
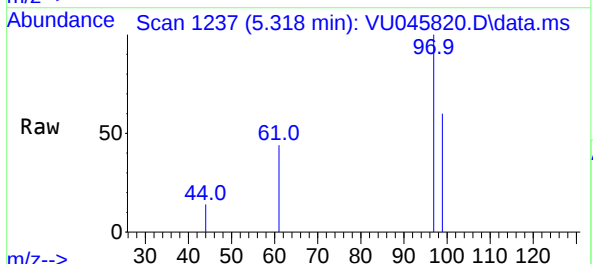
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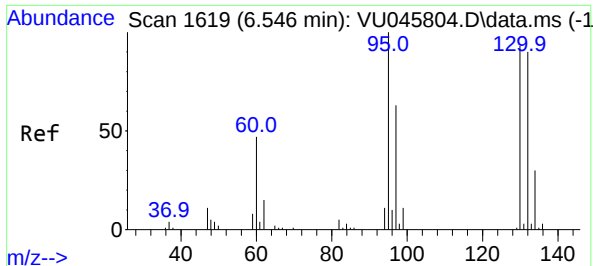
Tgt Ion: 83 Resp: 12425
Ion Ratio Lower Upper
83 100
85 66.3 46.9 87.1



#29
1,1,1-Trichloroethane
Concen: 0.151 ug/L
RT: 5.318 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU045820.D
Acq: 16 Nov 2021 20:26

Tgt Ion: 97 Resp: 1647
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 41.3 36.1 54.1



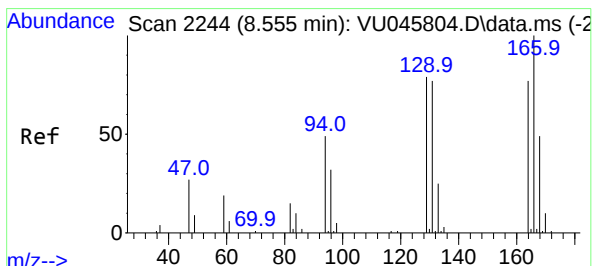
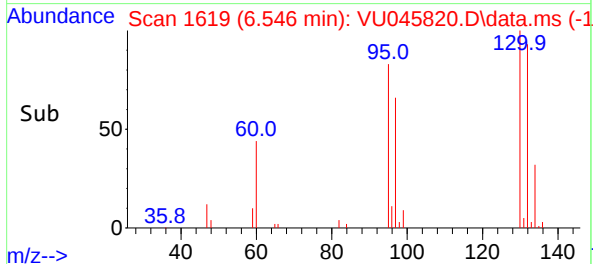
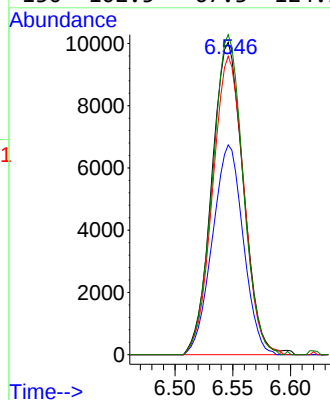
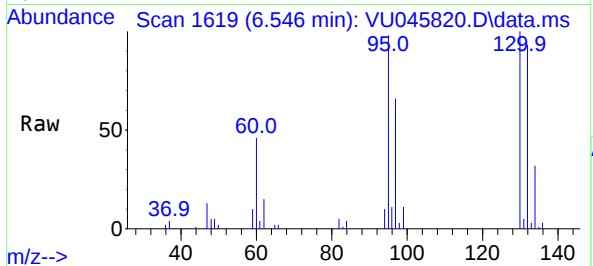


#34
Trichloroethene
Concen: 2.626 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045820.D
Acq: 16 Nov 2021 20:26

Instrument :
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Tgt Ion: 95 Resp: 18994

Ion	Ratio	Lower	Upper
95	100		
97	67.2	46.5	86.5
132	95.6	65.1	120.9
130	102.5	67.3	124.9



#47
Tetrachloroethene
Concen: 5.308 ug/L
RT: 8.556 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045820.D
Acq: 16 Nov 2021 20:26

Tgt Ion: 164 Resp: 26878

Ion	Ratio	Lower	Upper
164	100		
129	102.7	71.8	133.4
131	101.7	68.5	127.3
166	131.4	94.1	174.8

