

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045863.D
 Acq On : 18 Nov 2021 13:07
 Operator : SY/MD
 Sample : M4686-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG200

Quant Time: Nov 19 00:52:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

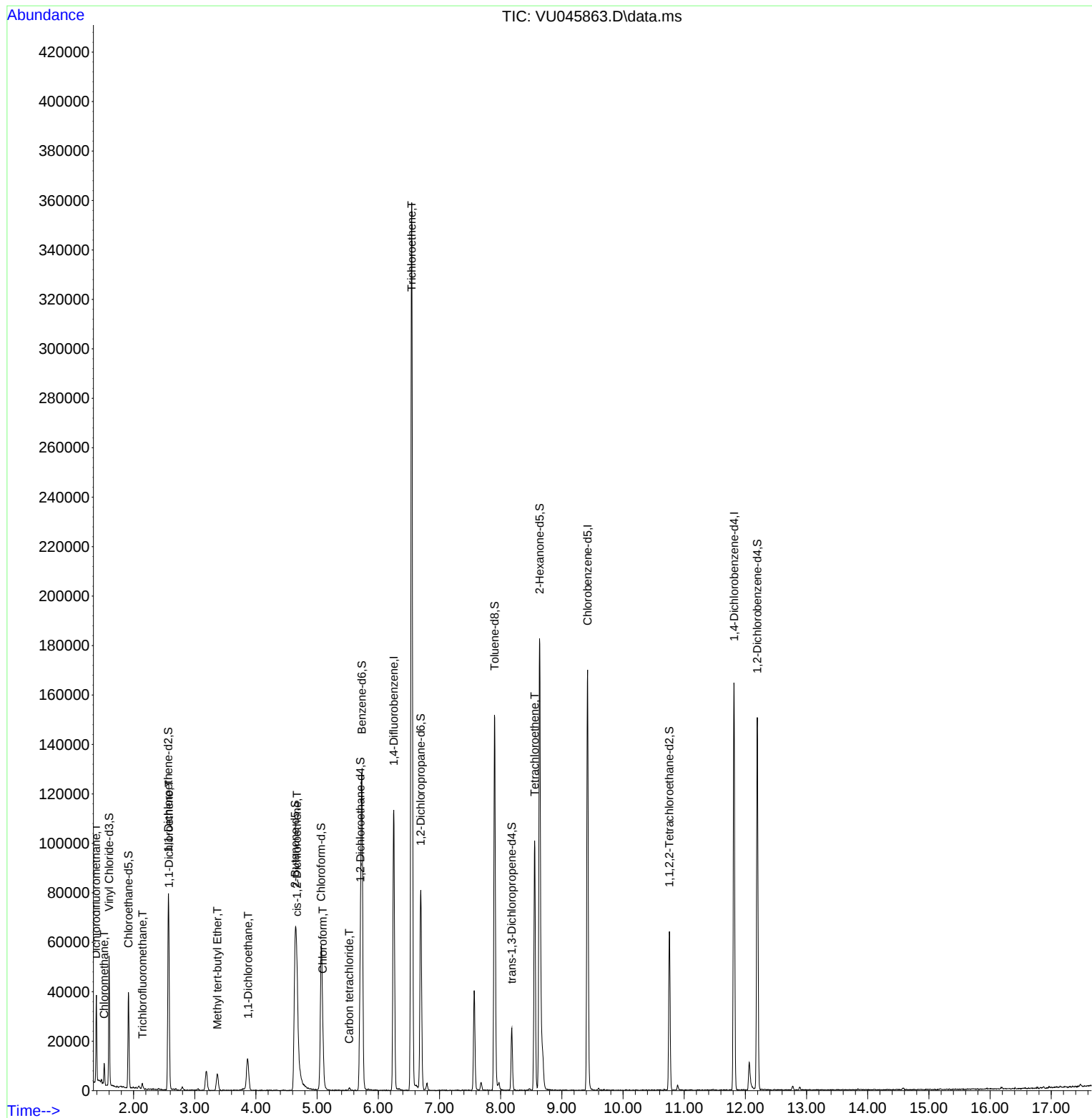
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89671	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	95448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	43072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35294	4.968	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.400%	
7) Chloroethane-d5	1.916	69	27581	5.333	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.600%	
11) 1,1-Dichloroethene-d2	2.568	65	14448	4.849	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.000%	
20) 2-Butanone-d5	4.642	46	96174	50.514	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.020%	
24) Chloroform-d	5.067	84	50544	4.270	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
26) 1,2-Dichloroethane-d4	5.707	65	34047	4.902	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.732	84	119964	4.564	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.694	67	39584	4.778	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.899	98	102074	4.293	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
43) trans-1,3-Dichloroprop...	8.182	79	14335	4.263	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.200%	
46) 2-Hexanone-d5	8.636	63	63494	41.948	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.900%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32486	4.642	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	39354	5.321	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	1272	0.174	ug/L	99
3) Chloromethane	1.520	50	5665	0.732	ug/L	96
9) Trichlorofluoromethane	2.144	101	1358	0.135	ug/L	98
12) 1,1-Dichloroethene	2.578	96	1526	0.275	ug/L #	1
17) Methyl tert-butyl Ether	3.369	73	7454	0.516	ug/L	99
19) 1,1-Dichloroethane	3.874	63	6052	0.543	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	8928	1.384	ug/L	98
25) Chloroform	5.092	83	13127	1.085	ug/L	100
31) Carbon tetrachloride	5.527	117	761	0.087	ug/L	99
34) Trichloroethene	6.546	95	122077	17.784	ug/L	99
47) Tetrachloroethene	8.555	164	22076	4.594	ug/L	98

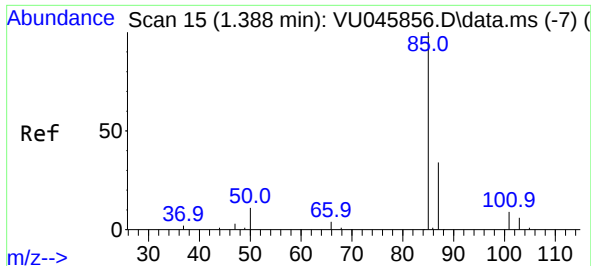
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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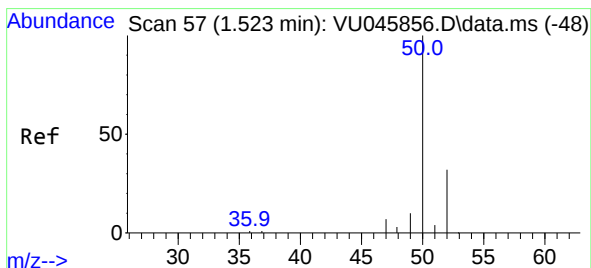
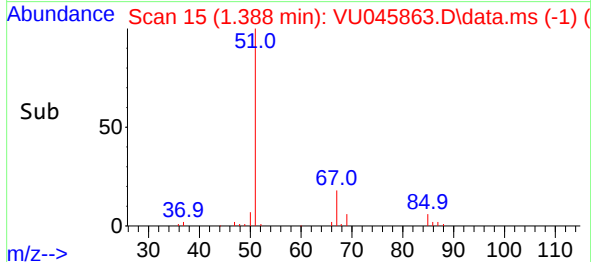
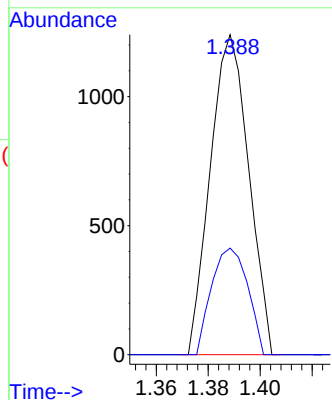
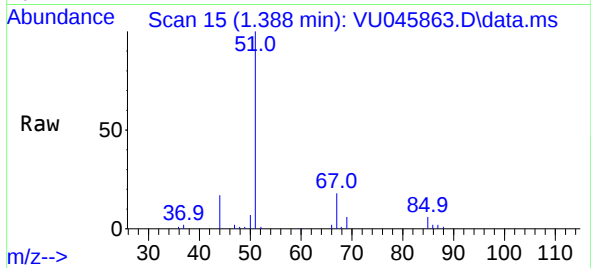




#2
Dichlorodifluoromethane
Concen: 0.174 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045863.D
Acq: 18 Nov 2021 13:07

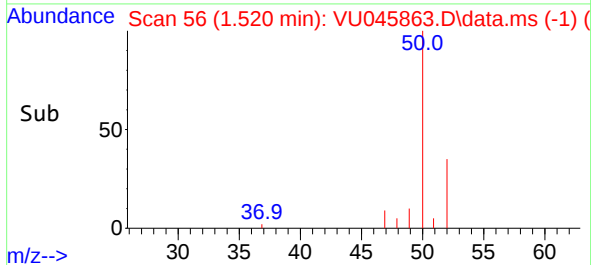
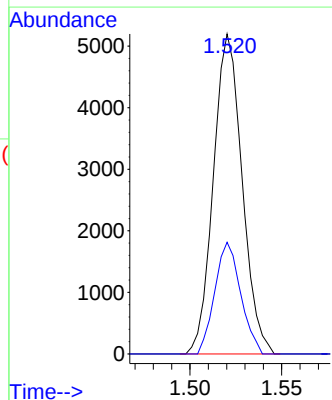
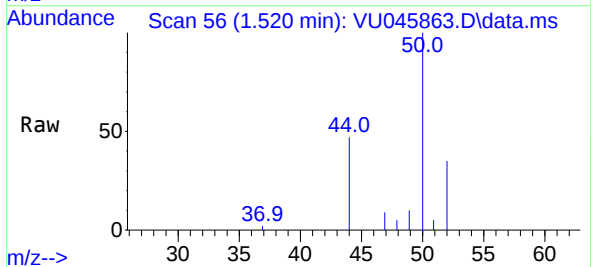
Instrument :
MSVOA_U
ClientSampleId :
BG200

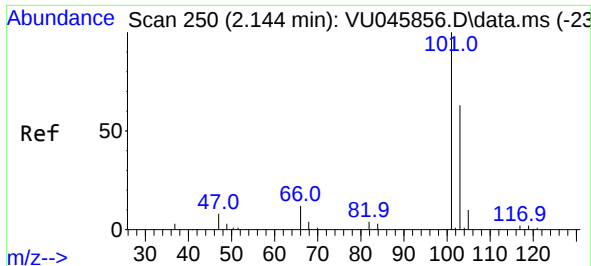
Tgt Ion: 85 Resp: 1272
Ion Ratio Lower Upper
85 100
87 31.4 25.8 38.6



#3
Chloromethane
Concen: 0.732 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU045863.D
Acq: 18 Nov 2021 13:07

Tgt Ion: 50 Resp: 5665
Ion Ratio Lower Upper
50 100
52 34.9 23.0 42.8

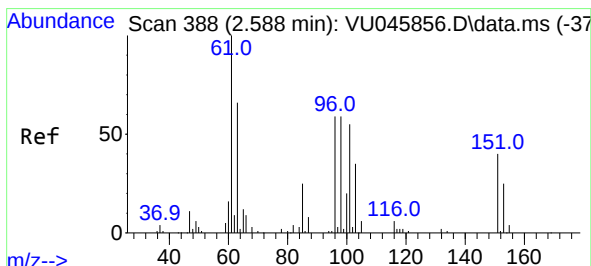
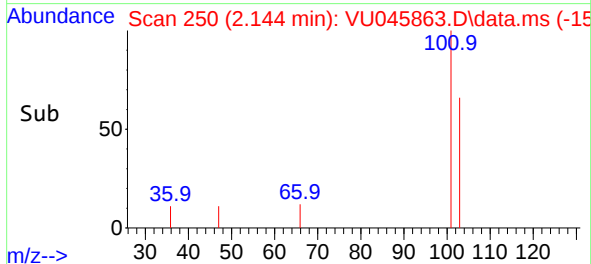
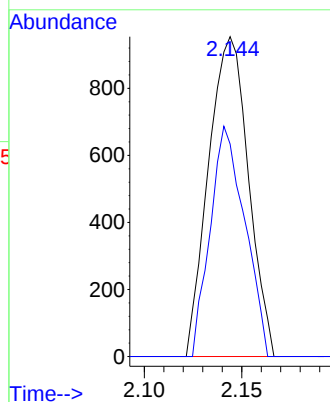
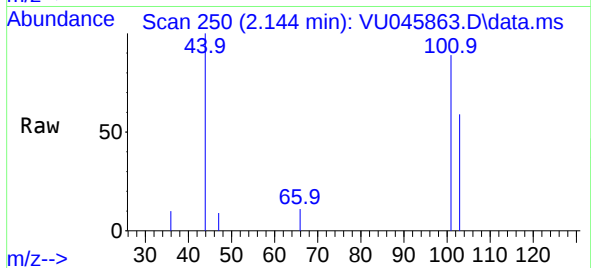




#9
 Trichlorofluoromethane
 Concen: 0.135 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045863.D
 Acq: 18 Nov 2021 13:07

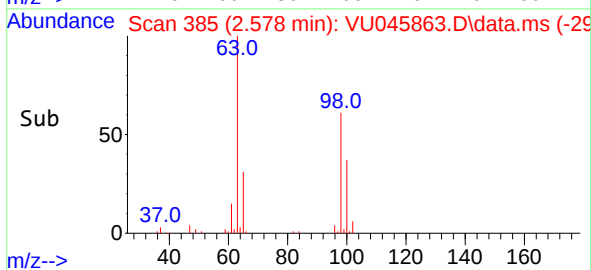
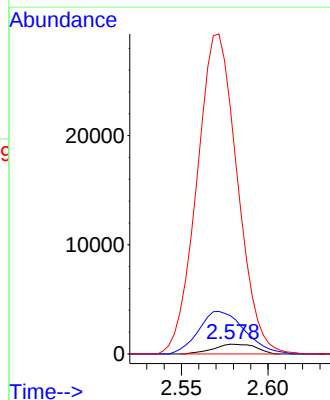
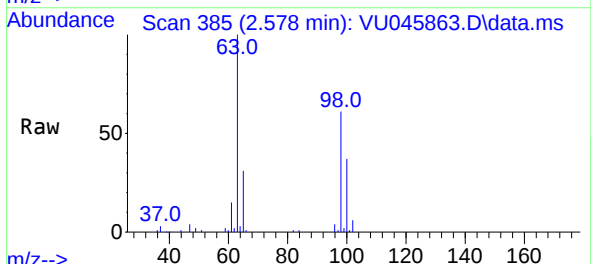
Instrument :
 MSVOA_U
 ClientSampleId :
 BG200

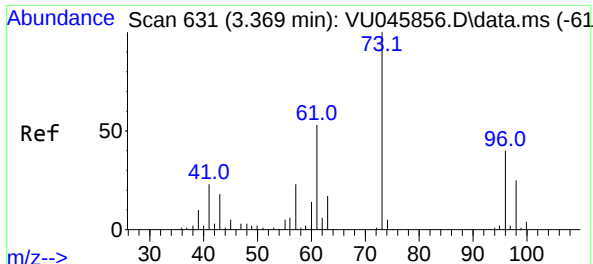
Tgt Ion:101 Resp: 1358
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 0.275 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.009 min
 Lab File: VU045863.D
 Acq: 18 Nov 2021 13:07

Tgt Ion: 96 Resp: 1526
 Ion Ratio Lower Upper
 96 100
 61 391.5 124.7 231.5#
 63 2528.1 105.2 195.4#

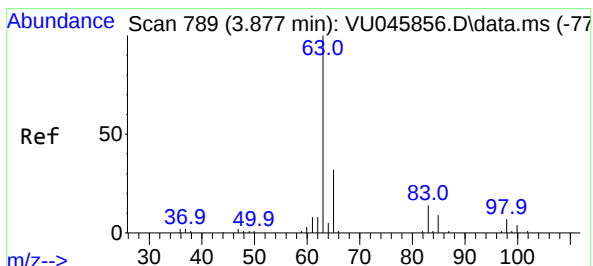
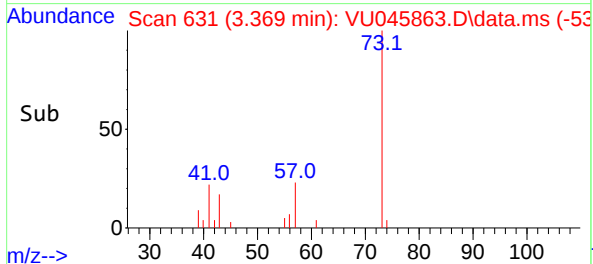
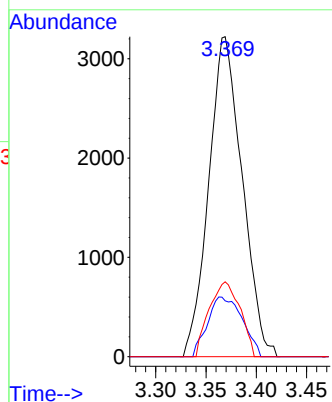
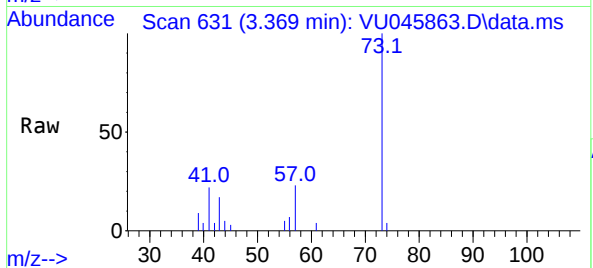




#17
Methyl tert-butyl Ether
Concen: 0.516 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045863.D
Acq: 18 Nov 2021 13:07

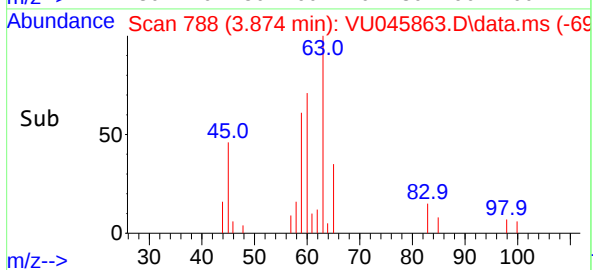
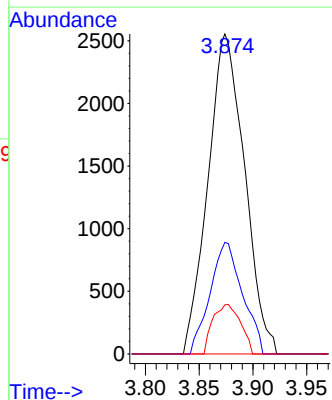
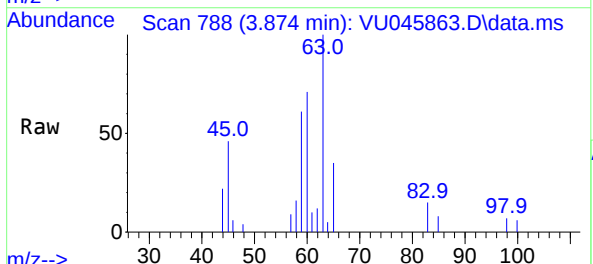
Instrument :
MSVOA_U
ClientSampleId :
BG200

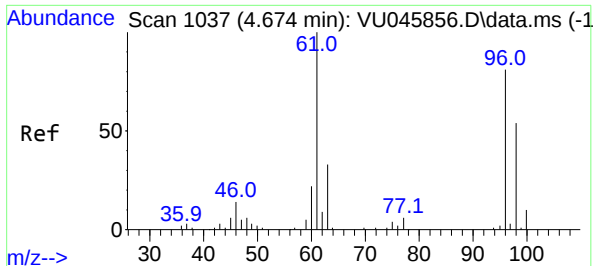
Tgt Ion: 73	Resp:	7454
Ion	Ratio	Lower Upper
73	100	
43	19.4	14.8 22.2
57	21.6	17.4 26.0



#19
1,1-Dichloroethane
Concen: 0.543 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU045863.D
Acq: 18 Nov 2021 13:07

Tgt Ion: 63	Resp:	6052
Ion	Ratio	Lower Upper
63	100	
65	34.8	22.3 41.5
83	15.3	9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 1.384 ug/L

RT: 4.671 min Scan# 110

Delta R.T. -0.003 min

Lab File: VU045863.D

Acq: 18 Nov 2021 13:07

Instrument :

MSVOA_U

ClientSampleId :

BG200

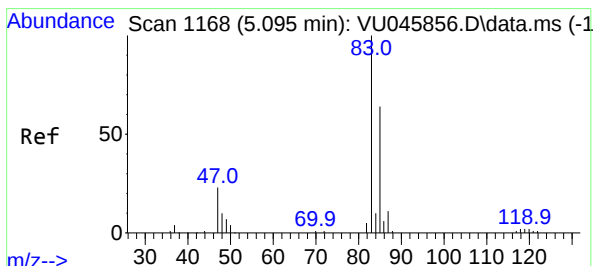
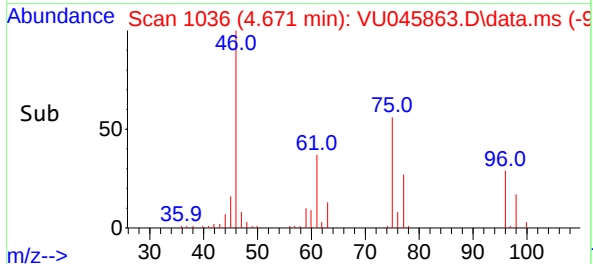
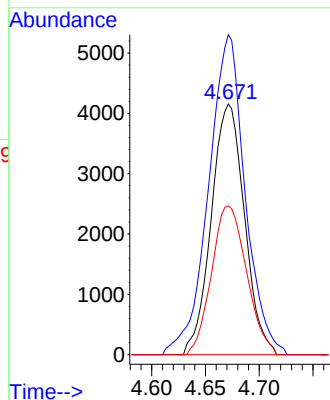
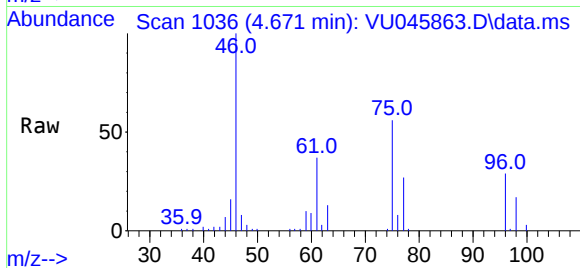
Tgt Ion: 96 Resp: 8928

Ion Ratio Lower Upper

96 100

61 127.6 88.5 164.3

98 59.4 44.4 82.5



#25

Chloroform

Concen: 1.085 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU045863.D

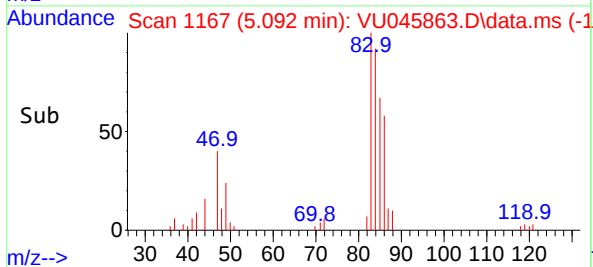
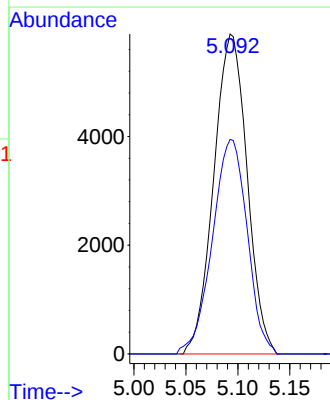
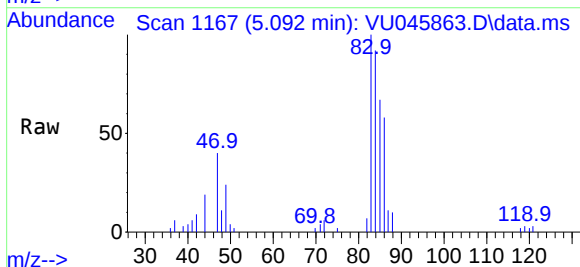
Acq: 18 Nov 2021 13:07

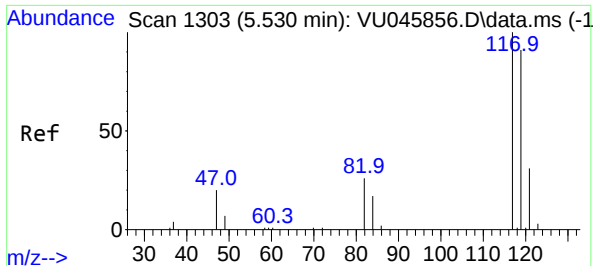
Tgt Ion: 83 Resp: 13127

Ion Ratio Lower Upper

83 100

85 67.1 46.9 87.1

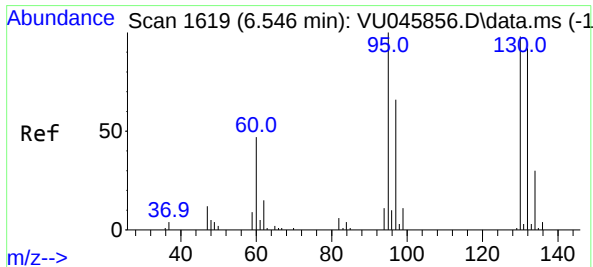
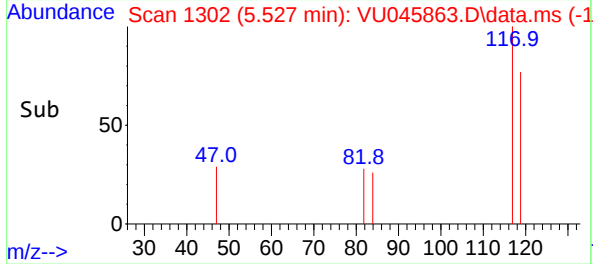
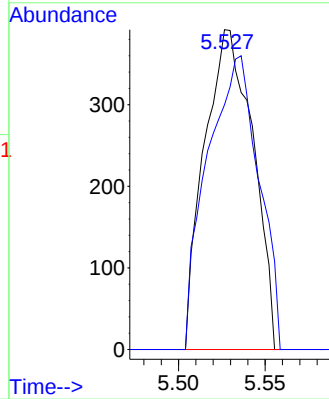
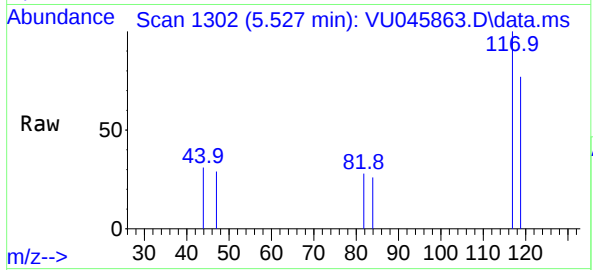




#31
Carbon tetrachloride
Concen: 0.087 ug/L
RT: 5.527 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045863.D
Acq: 18 Nov 2021 13:07

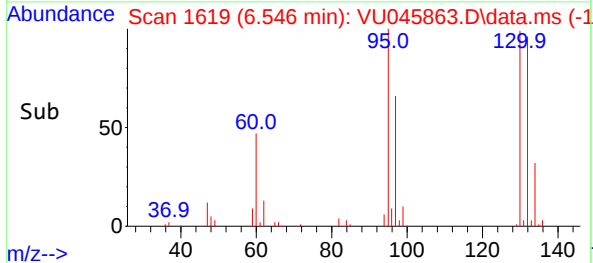
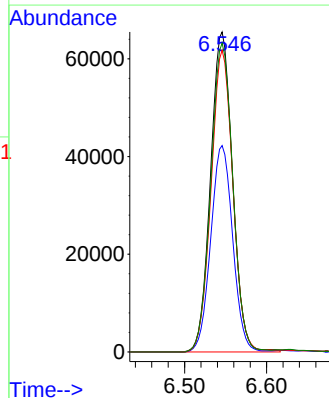
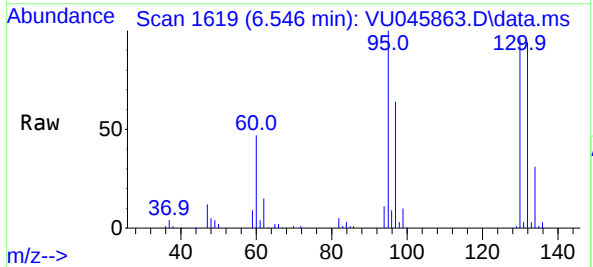
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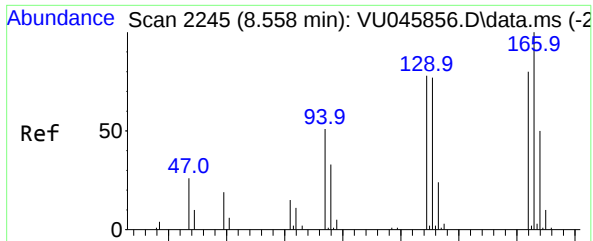
Tgt Ion:117 Resp: 761
Ion Ratio Lower Upper
117 100
119 97.6 77.5 116.3



#34
Trichloroethene
Concen: 17.784 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045863.D
Acq: 18 Nov 2021 13:07

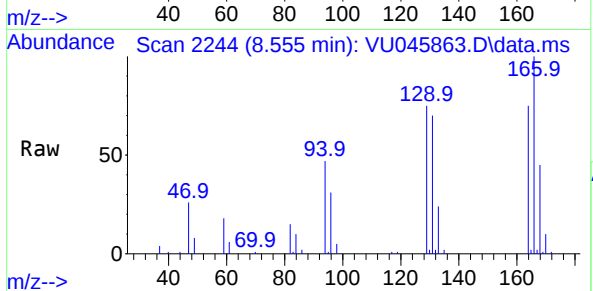
Tgt Ion: 95 Resp: 122077
Ion Ratio Lower Upper
95 100
97 64.5 46.5 86.5
132 94.3 65.1 120.9
130 96.5 67.3 124.9





#47
Tetrachloroethene
Concen: 4.594 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045863.D
Acq: 18 Nov 2021 13:07

Instrument :
MSVOA_U
ClientSampleId :
BG200



Tgt Ion:164 Resp: 22076

Ion	Ratio	Lower	Upper
164	100		
129	99.8	71.8	133.4
131	93.5	68.5	127.3
166	133.7	94.1	174.8

