

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046229.D
 Acq On : 09 Dec 2021 18:50
 Operator : SY/MD
 Sample : M4983-17
 Misc : 5.4mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P7

Quant Time: Dec 10 03:45:58 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)

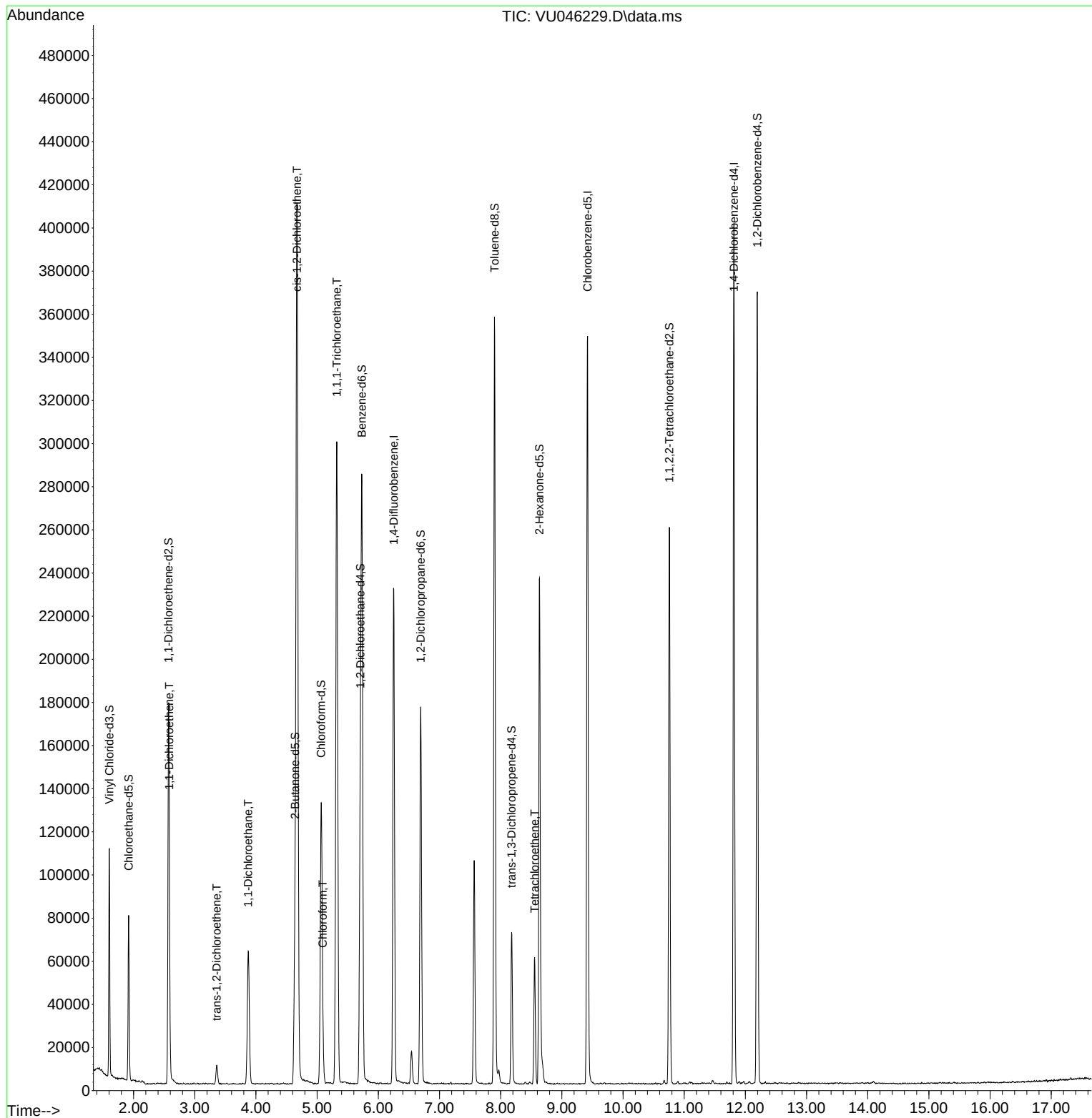
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	192761	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	198996	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	75025	47.249	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.500%
7) Chloroethane-d5	1.919	69	55270	45.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.660%
11) 1,1-Dichloroethene-d2	2.572	63	103487	36.305	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.600%
21) 2-Butanone-d5	4.639	46	126619	100.310	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.310%
24) Chloroform-d	5.067	84	121054	45.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.300%
26) 1,2-Dichloroethane-d4	5.706	65	86104	48.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.780%
32) Benzene-d6	5.732	84	268644	47.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.694	67	84253	47.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.320%
41) Toluene-d8	7.899	98	241303	46.466	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.940%
43) trans-1,3-Dichloroprop...	8.179	79	40972	48.016	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.040%
47) 2-Hexanone-d5	8.632	63	86995	103.800	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	129572	48.335	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.680%
66) 1,2-Dichlorobenzene-d4	12.195	152	95752	47.872	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.740%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	7908	5.933	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	4052	2.873	ug/L	91
19) 1,1-Dichloroethane	3.874	63	70939	27.661	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	208317	136.114	ug/L	99
25) Chloroform	5.092	83	12054	4.230	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	220032	90.078	ug/L	99
46) Tetrachloroethene	8.555	164	13093	11.229	ug/L	97

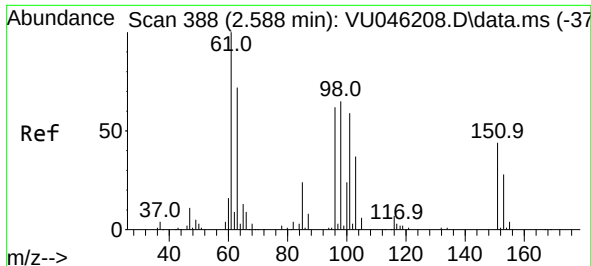
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046229.D
Acq On : 09 Dec 2021 18:50
Operator : SY/MD
Sample : M4983-17
Misc : 5.4mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5P7

Quant Time: Dec 10 03:45:58 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





#12

1,1-Dichloroethene

Concen: 5.933 ug/L

RT: 2.584 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046229.D

Acq: 09 Dec 2021 18:50

Instrument :

MSVOA_U

ClientSampleId :

EW5P7

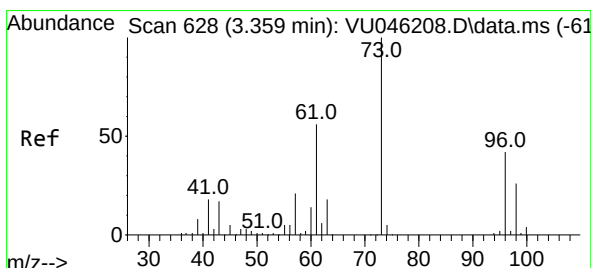
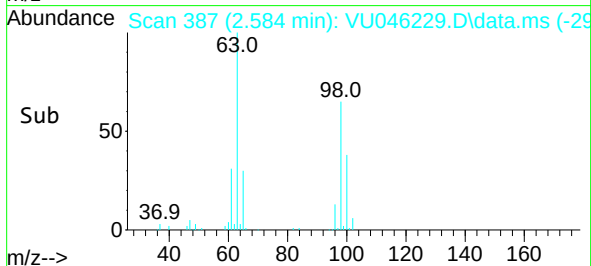
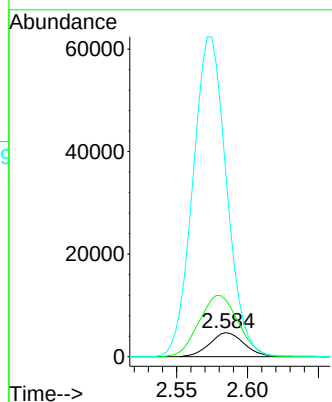
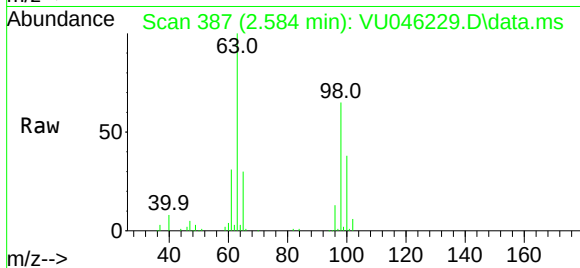
Tgt Ion: 96 Resp: 7908

Ion Ratio Lower Upper

96 100

61 238.6 118.6 220.2#

63 781.0 93.0 172.8#



#17

trans-1,2-Dichloroethene

Concen: 2.873 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU046229.D

Acq: 09 Dec 2021 18:50

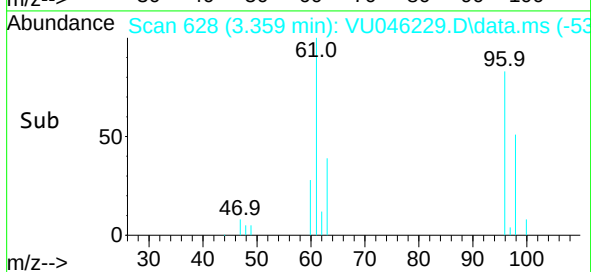
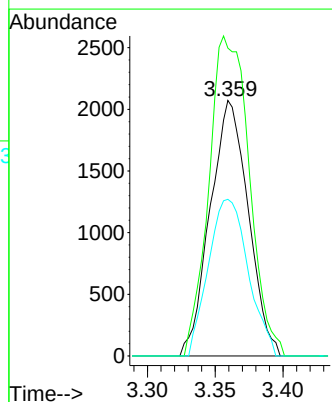
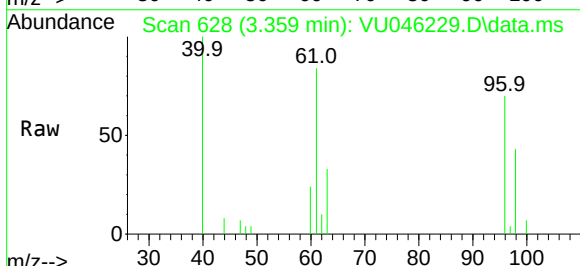
Tgt Ion: 96 Resp: 4052

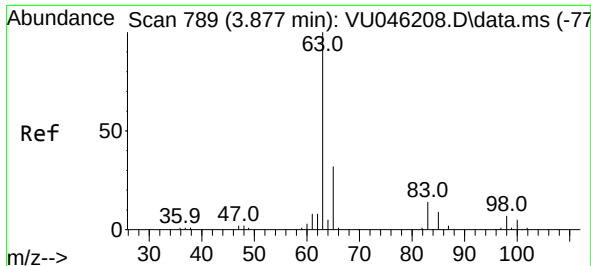
Ion Ratio Lower Upper

96 100

61 120.5 94.6 175.6

98 61.3 44.0 81.8





#19

1,1-Dichloroethane

Concen: 27.661 ug/L

RT: 3.874 min Scan# 709

Delta R.T. -0.003 min

Lab File: VU046229.D

Acq: 09 Dec 2021 18:50

Instrument :

MSVOA_U

ClientSampleId :

EW5P7

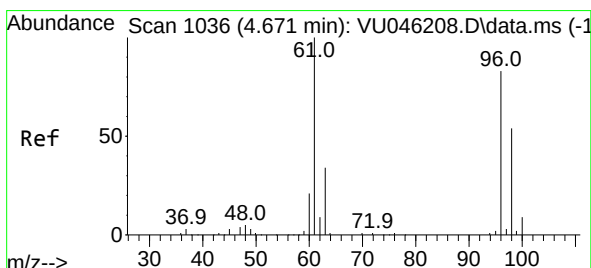
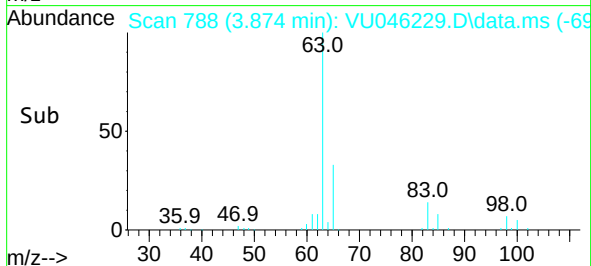
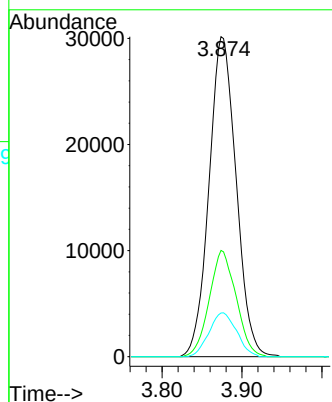
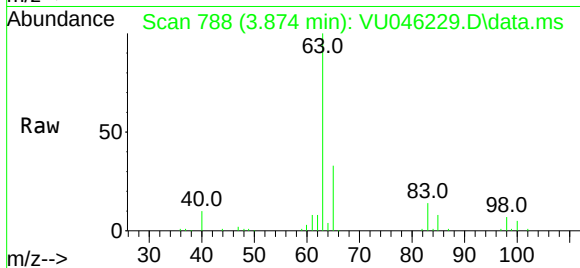
Tgt Ion: 63 Resp: 70939

Ion Ratio Lower Upper

63 100

65 33.2 22.8 42.4

83 13.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 136.114 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU046229.D

Acq: 09 Dec 2021 18:50

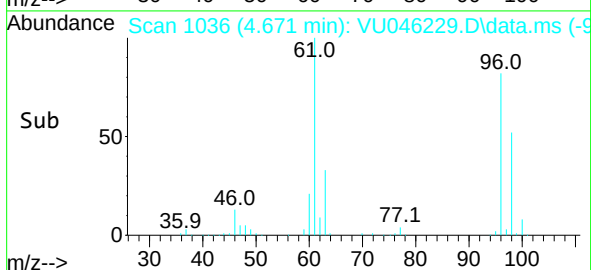
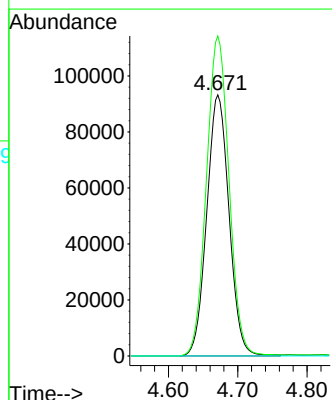
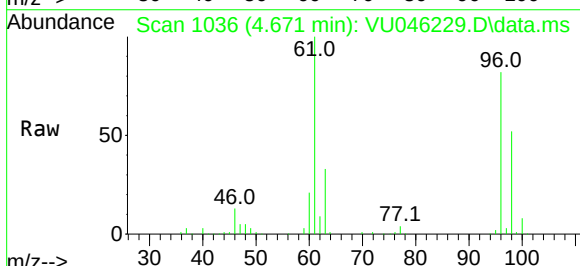
Tgt Ion: 96 Resp: 208317

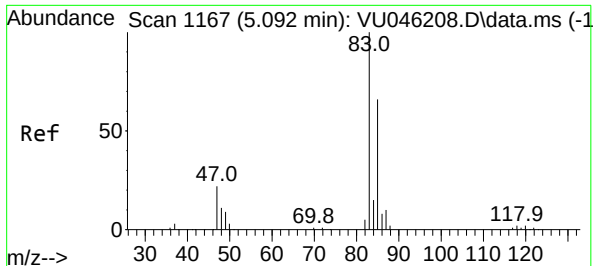
Ion Ratio Lower Upper

96 100

61 122.5 86.8 161.2

68 0.0 0.0 0.0





#25

Chloroform

Concen: 4.230 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046229.D

Acq: 09 Dec 2021 18:50

Instrument :

MSVOA_U

ClientSampleId :

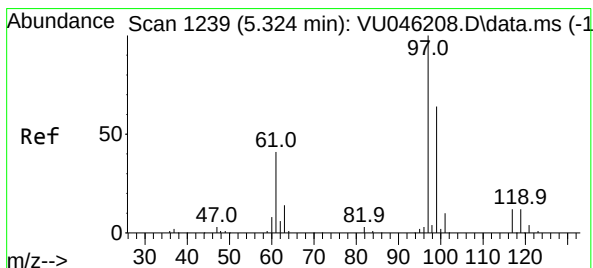
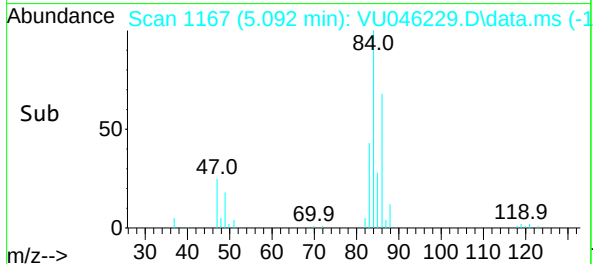
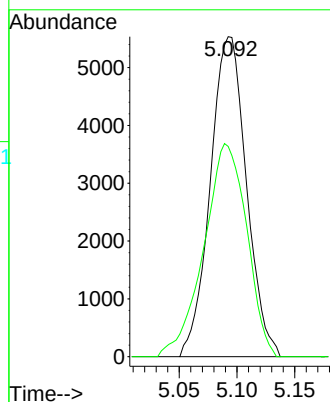
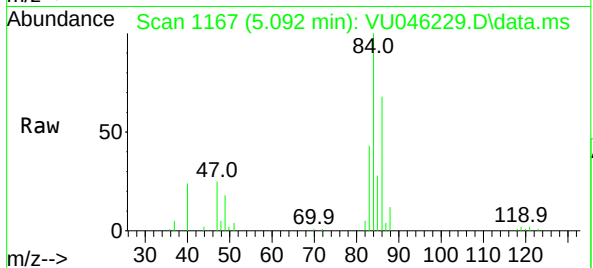
EW5P7

Tgt Ion: 83 Resp: 12054

Ion Ratio Lower Upper

83 100

85 65.7 45.8 85.2



#30

1,1,1-Trichloroethane

Concen: 90.078 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046229.D

Acq: 09 Dec 2021 18:50

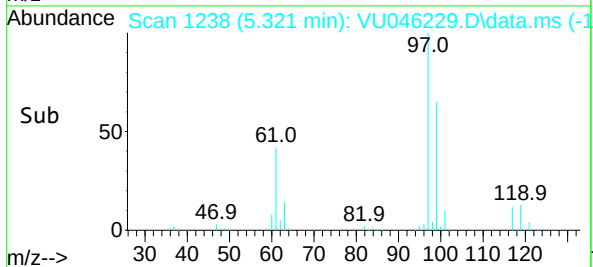
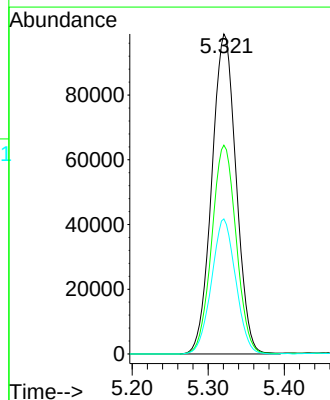
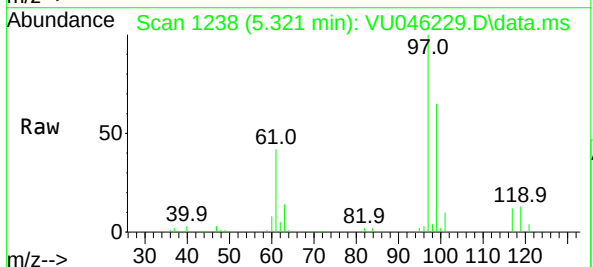
Tgt Ion: 97 Resp: 220032

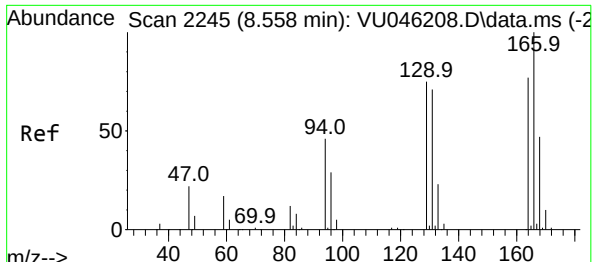
Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.6

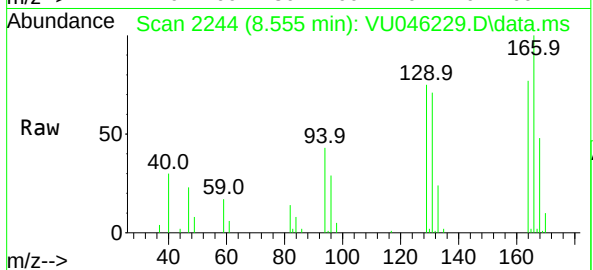
61 41.9 34.4 51.6





#46
 Tetrachloroethene
 Concen: 11.229 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU046229.D
 Acq: 09 Dec 2021 18:50

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P7



Tgt Ion:	164	Resp:	13093
Ion	Ratio	Lower	Upper
164	100		
129	97.5	71.1	132.1
131	92.2	67.8	126.0
166	129.9	90.6	168.2

