

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046227.D
 Acq On : 09 Dec 2021 18:06
 Operator : SY/MD
 Sample : M4983-15
 Misc : 5.2mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P5

Quant Time: Dec 10 03:45:40 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

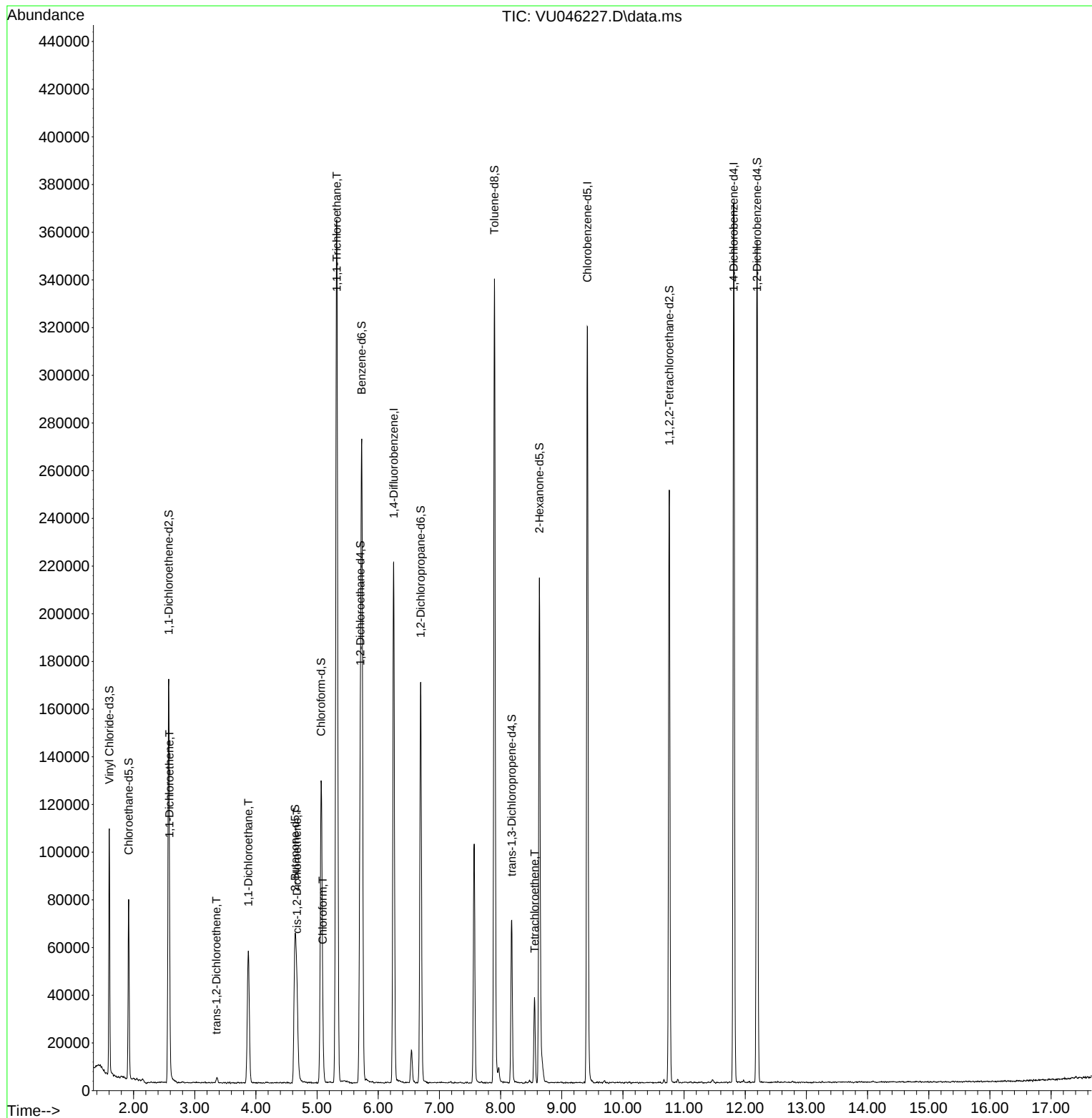
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

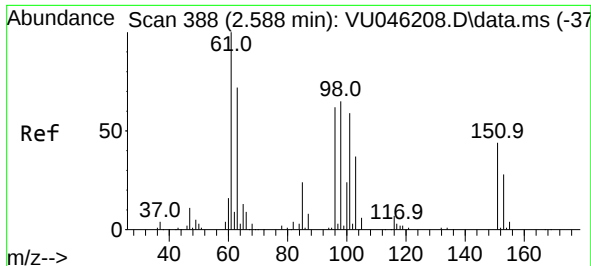
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	179016	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186390	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97314	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	72724	49.316	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.640%
7) Chloroethane-d5	1.919	69	54436	48.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.160%
11) 1,1-Dichloroethene-d2	2.575	63	98218	37.102	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.200%
21) 2-Butanone-d5	4.639	46	113052	96.439	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.440%
24) Chloroform-d	5.067	84	118043	47.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
26) 1,2-Dichloroethane-d4	5.706	65	81752	49.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.940%
32) Benzene-d6	5.729	84	256410	47.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.694	67	79858	48.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.460%
41) Toluene-d8	7.899	98	233351	47.974	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.940%
43) trans-1,3-Dichloroprop...	8.182	79	39995	50.041	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.080%
47) 2-Hexanone-d5	8.636	63	78195	99.610	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.610%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	122893	48.944	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.880%
66) 1,2-Dichlorobenzene-d4	12.195	152	93497	49.889	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.780%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	7492	6.053	ug/L	# 1
17) trans-1,2-Dichloroethene	3.356	96	850	0.649	ug/L	93
19) 1,1-Dichloroethane	3.877	63	64096	26.912	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	11134	7.833	ug/L	95

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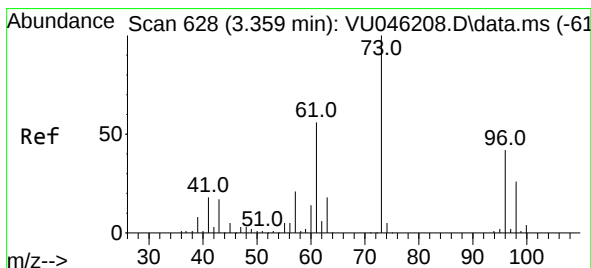
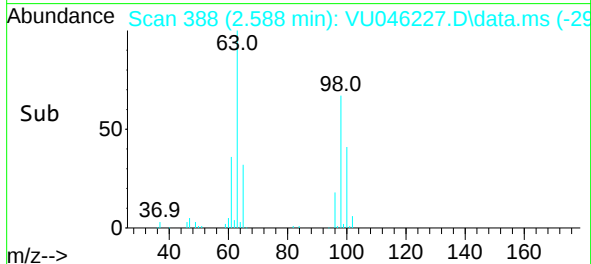
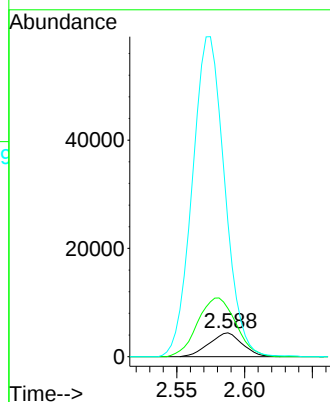
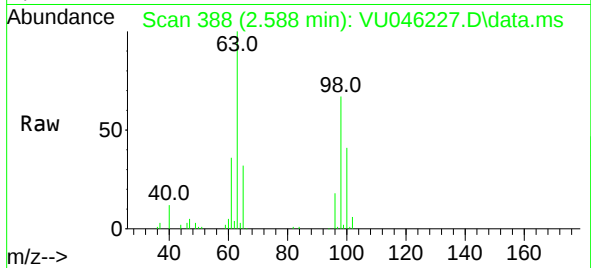




#12
1,1-Dichloroethene
Concen: 6.053 ug/L
RT: 2.588 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU046227.D
Acq: 09 Dec 2021 18:06

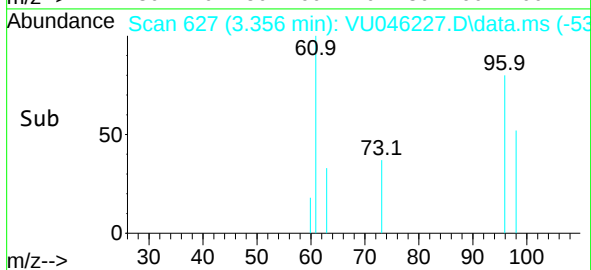
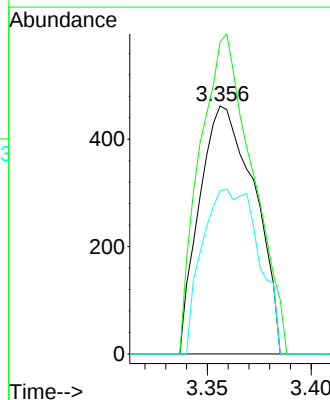
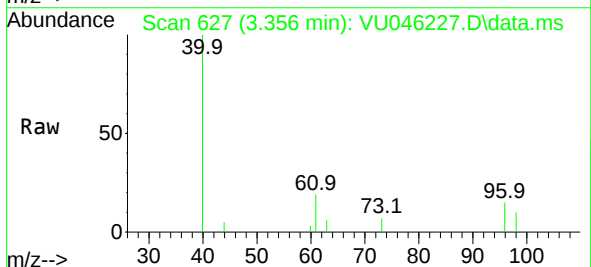
Instrument :
MSVOA_U
ClientSampleId :
EW5P5

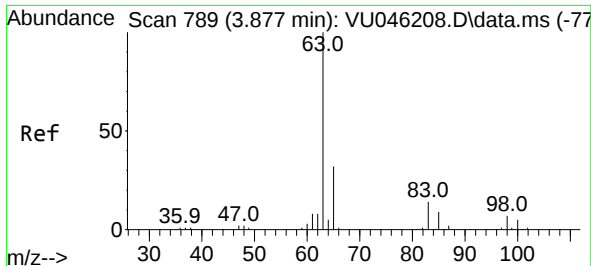
Tgt Ion: 96 Resp: 7492
Ion Ratio Lower Upper
96 100
61 203.1 118.6 220.2
63 567.0 93.0 172.8#



#17
trans-1,2-Dichloroethene
Concen: 0.649 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU046227.D
Acq: 09 Dec 2021 18:06

Tgt Ion: 96 Resp: 850
Ion Ratio Lower Upper
96 100
61 125.8 94.6 175.6
98 65.8 44.0 81.8





#19

1,1-Dichloroethane

Concen: 26.912 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046227.D

Acq: 09 Dec 2021 18:06

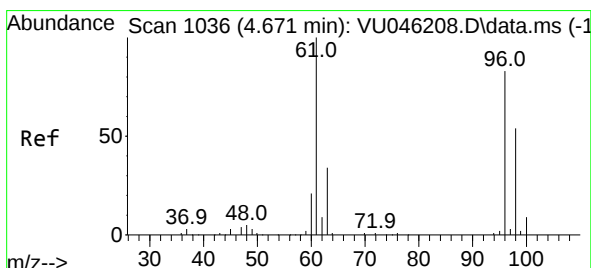
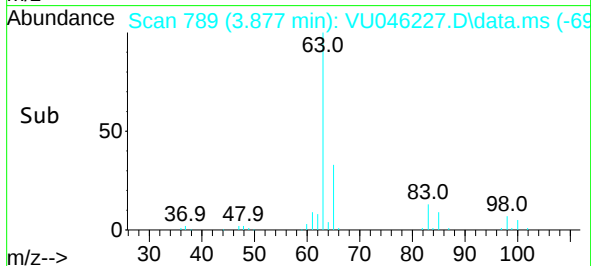
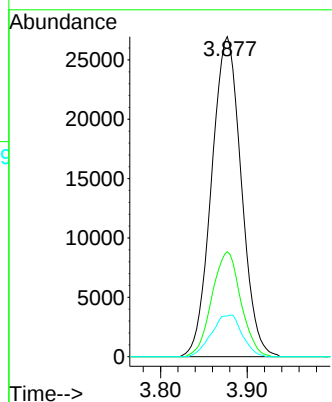
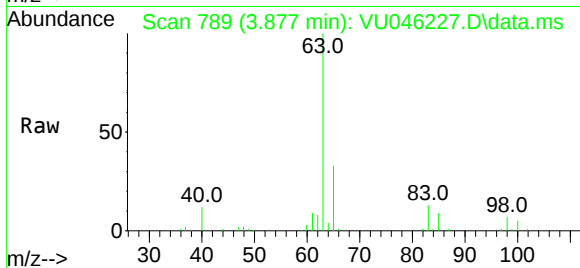
Instrument :

MSVOA_U

ClientSampleId :

EW5P5

Tgt Ion: 63	Resp: 64096		
Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.8	42.4
83	12.7	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 7.833 ug/L

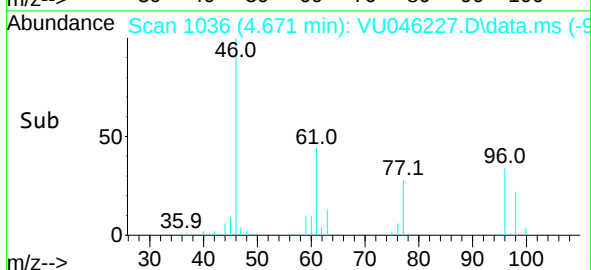
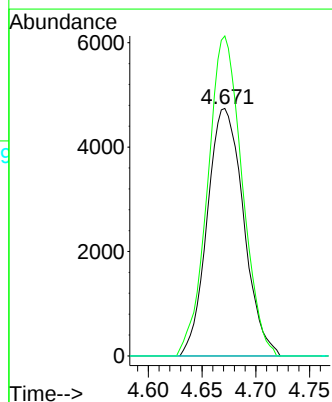
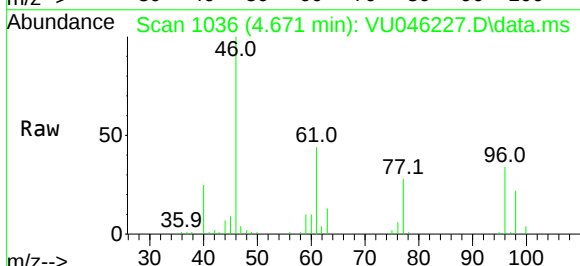
RT: 4.671 min Scan# 1036

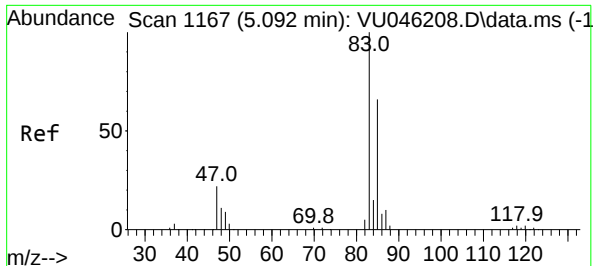
Delta R.T. 0.000 min

Lab File: VU046227.D

Acq: 09 Dec 2021 18:06

Tgt Ion: 96	Resp: 11134		
Ion	Ratio	Lower	Upper
96	100		
61	129.3	86.8	161.2
68	0.0	0.0	0.0

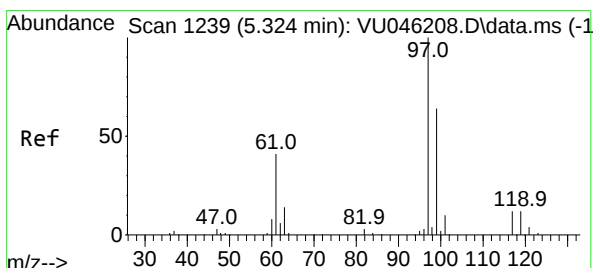
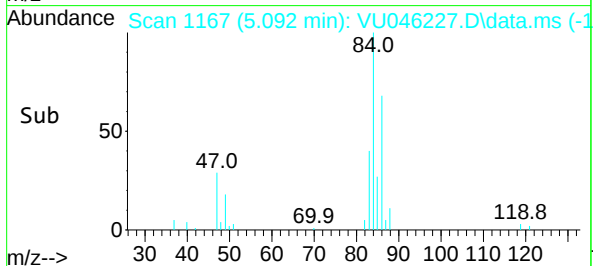
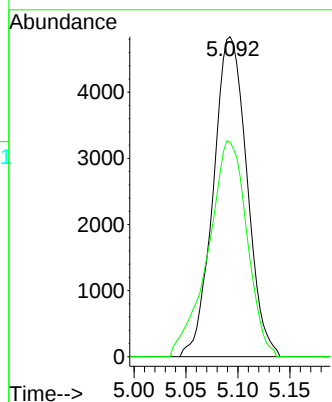
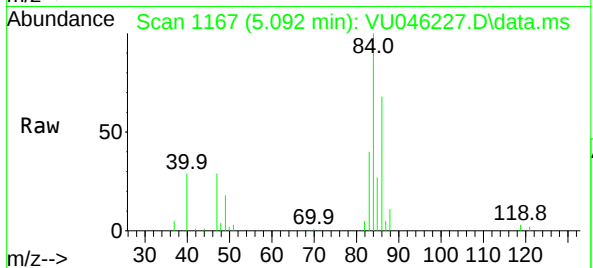




#25
Chloroform
Concen: 4.113 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU046227.D
Acq: 09 Dec 2021 18:06

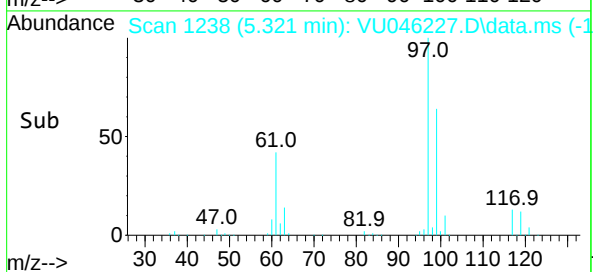
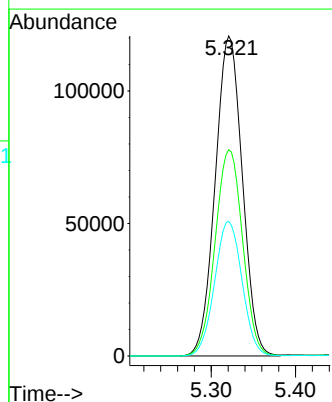
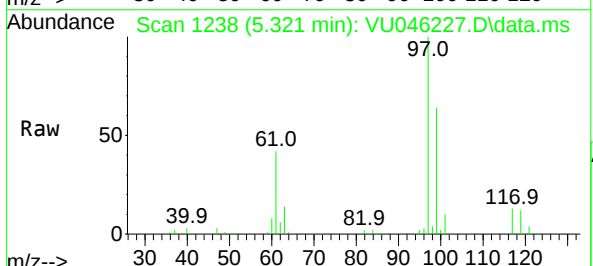
Instrument :
MSVOA_U
ClientSampleId :
EW5P5

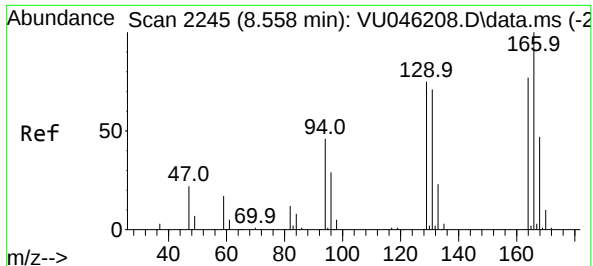
Tgt Ion: 83 Resp: 10885
Ion Ratio Lower Upper
83 100
85 67.1 45.8 85.2



#30
1,1,1-Trichloroethane
Concen: 118.155 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU046227.D
Acq: 09 Dec 2021 18:06

Tgt Ion: 97 Resp: 270333
Ion Ratio Lower Upper
97 100
99 65.4 51.8 77.6
61 42.5 34.4 51.6





#46
 Tetrachloroethene
 Concen: 7.371 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU046227.D
 Acq: 09 Dec 2021 18:06

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P5

Tgt Ion:164	Resp:	8050
Ion	Ratio	Lower Upper
164	100	
129	90.0	71.1 132.1
131	87.9	67.8 126.0
166	128.8	90.6 168.2

