

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010622\
 Data File : VU046689.D
 Acq On : 06 Jan 2022 16:28
 Operator : SY/MD
 Sample : N1027-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J01

Quant Time: Jan 07 03:16:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 07 03:14:07 2022
 Response via : Initial Calibration

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

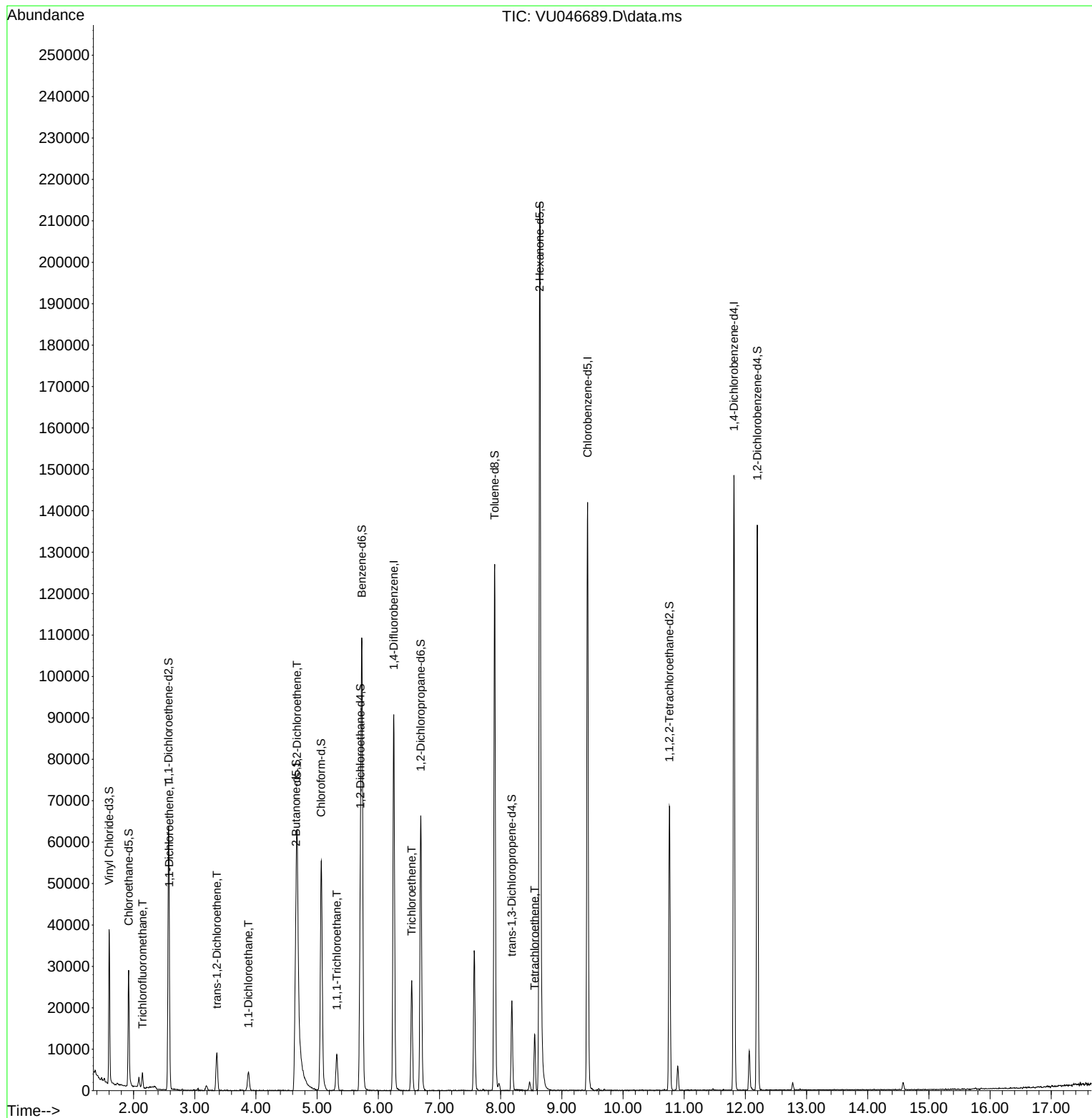
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	75263	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	81544	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27555	4.648	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.919	69	22001	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.572	65	11806	4.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.655	46	100001	58.154	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.300%
24) Chloroform-d	5.067	84	53039	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.706	65	32510	5.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.732	84	103420	4.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.694	67	32493	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.903	98	85356	4.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.182	79	13555	4.291	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.639	63	87623	47.242	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34731	4.954	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	37375	5.028	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	2274	0.178	ug/L	93
12) 1,1-Dichloroethene	2.584	96	1676	0.253	ug/L #	1
18) trans-1,2-Dichloroethene	3.363	96	4275	0.605	ug/L	97
19) 1,1-Dichloroethane	3.877	63	5735	0.441	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	18926	2.452	ug/L	95
29) 1,1,1-Trichloroethane	5.321	97	6762	0.501	ug/L	97
34) Trichloroethene	6.546	95	9152	1.072	ug/L	93
47) Tetrachloroethene	8.555	164	2953	0.489	ug/L	94

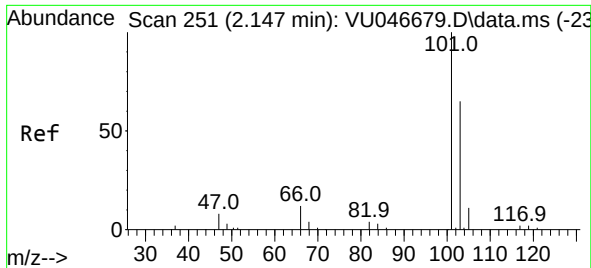
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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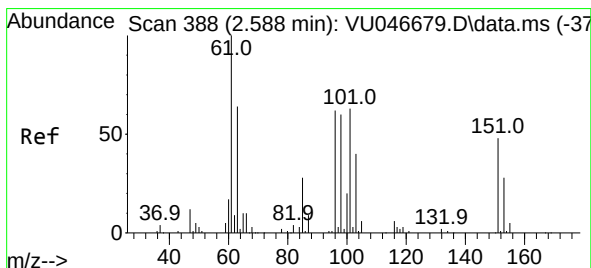
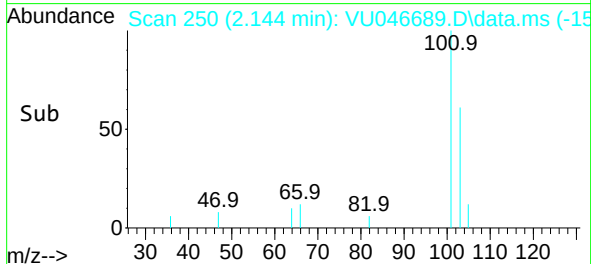
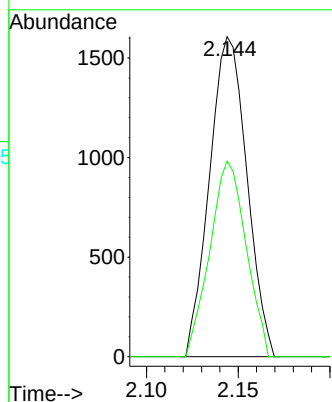
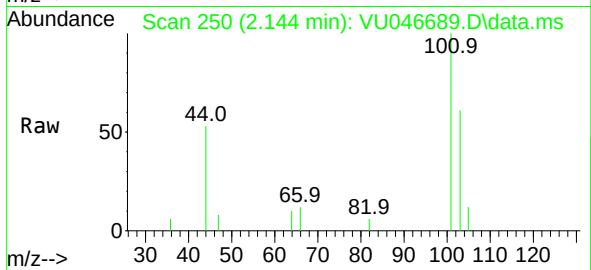




#9
 Trichlorofluoromethane
 Concen: 0.178 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU046689.D
 Acq: 06 Jan 2022 16:28

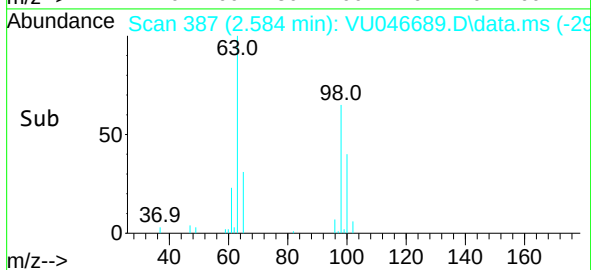
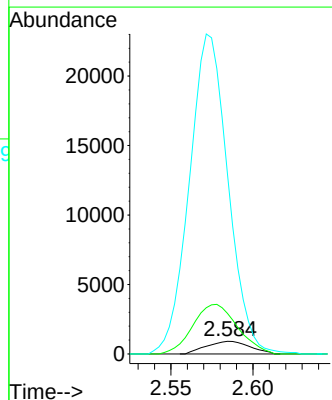
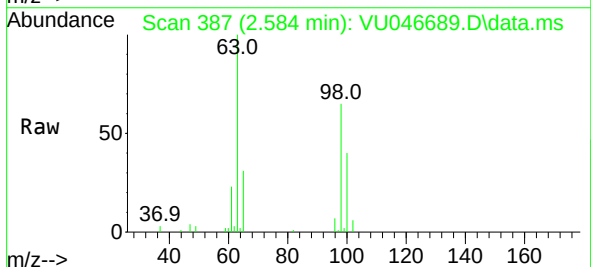
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J01

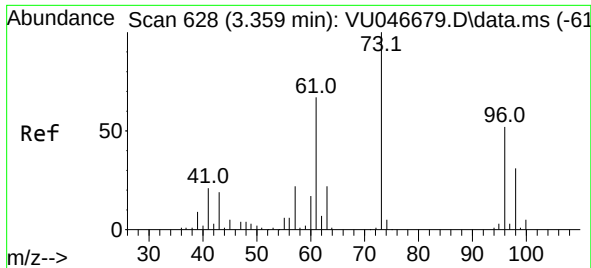
Tgt Ion:101 Resp: 2274
 Ion Ratio Lower Upper
 101 100
 103 59.3 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 0.253 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046689.D
 Acq: 06 Jan 2022 16:28

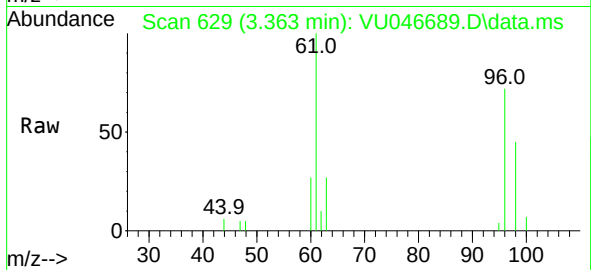
Tgt Ion: 96 Resp: 1676
 Ion Ratio Lower Upper
 96 100
 61 320.0 124.7 231.5#
 63 1420.7 105.2 195.4#





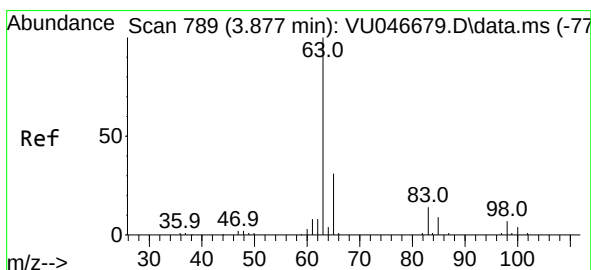
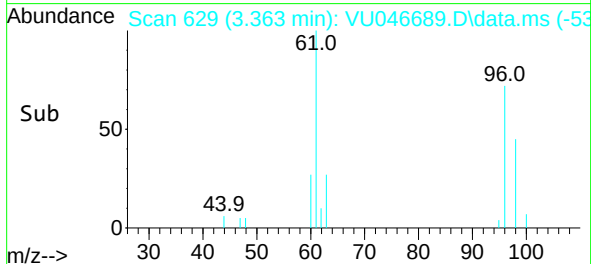
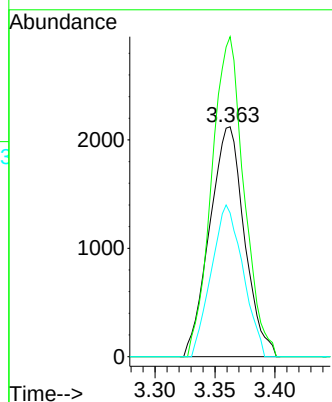
#18
trans-1,2-Dichloroethene
Concen: 0.605 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046689.D
Acq: 06 Jan 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :
C0J01



Tgt Ion: 96 Resp: 4275

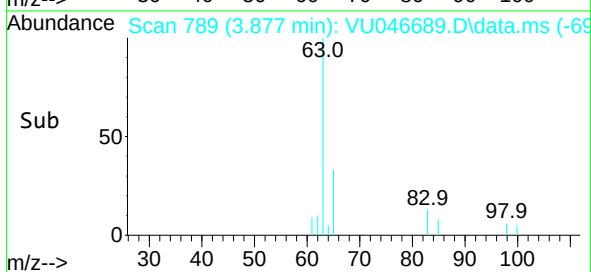
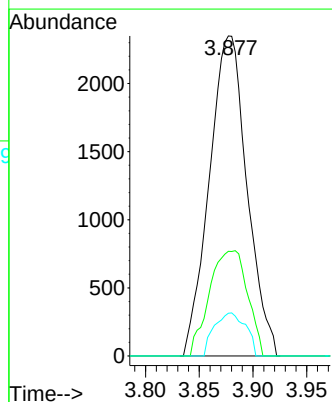
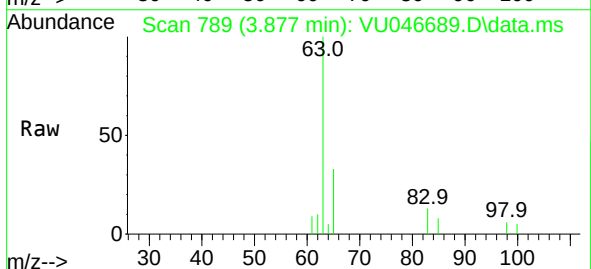
Ion	Ratio	Lower	Upper
96	100		
61	139.2	100.8	187.2
98	62.5	45.1	83.7

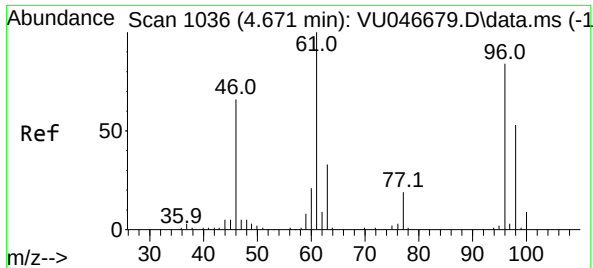


#19
1,1-Dichloroethane
Concen: 0.441 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU046689.D
Acq: 06 Jan 2022 16:28

Tgt Ion: 63 Resp: 5735

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.3	41.5
83	13.4	9.6	17.8





#22

cis-1,2-Dichloroethene

Concen: 2.452 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU046689.D

Acq: 06 Jan 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :

C0J01

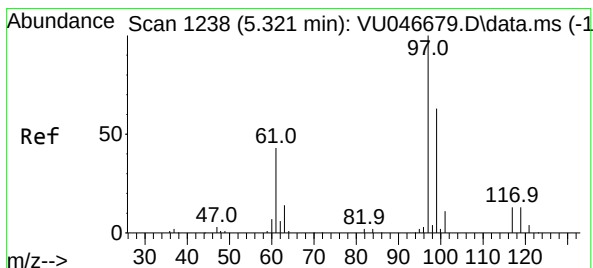
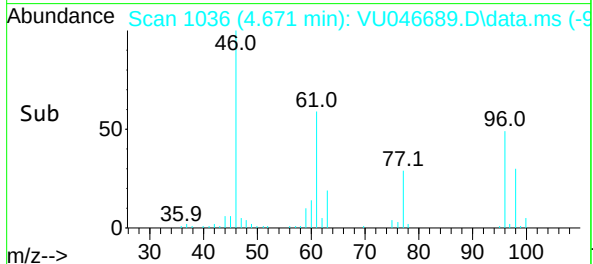
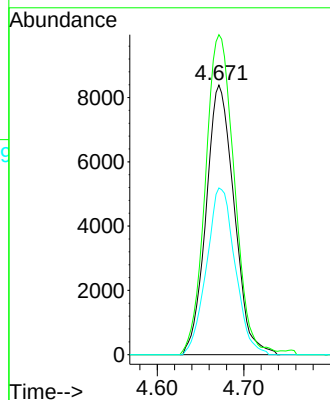
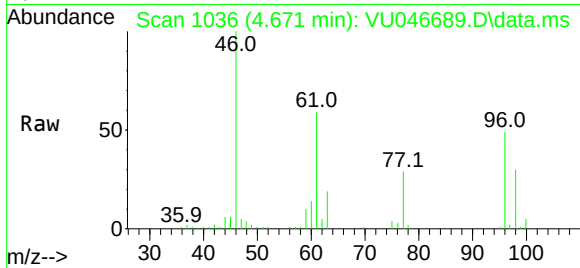
Tgt Ion: 96 Resp: 18926

Ion Ratio Lower Upper

96 100

61 118.7 88.5 164.3

98 61.8 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 0.501 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046689.D

Acq: 06 Jan 2022 16:28

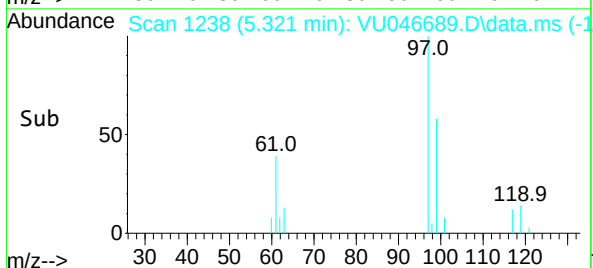
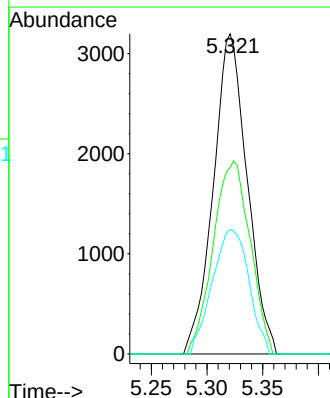
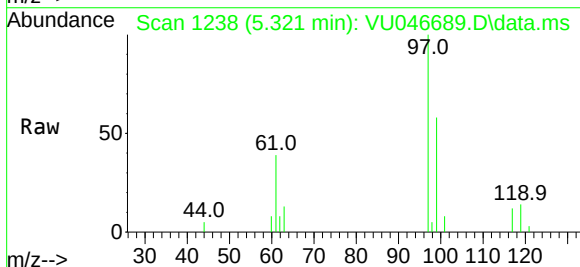
Tgt Ion: 97 Resp: 6762

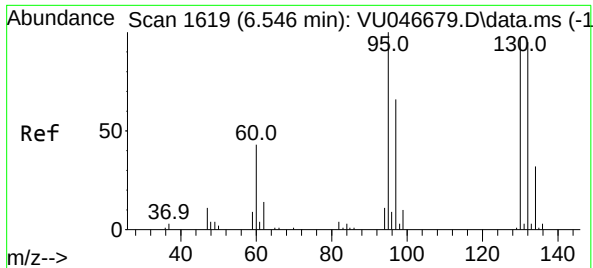
Ion Ratio Lower Upper

97 100

99 65.7 51.3 76.9

61 42.0 36.1 54.1



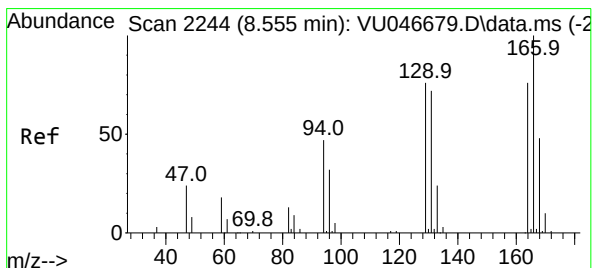
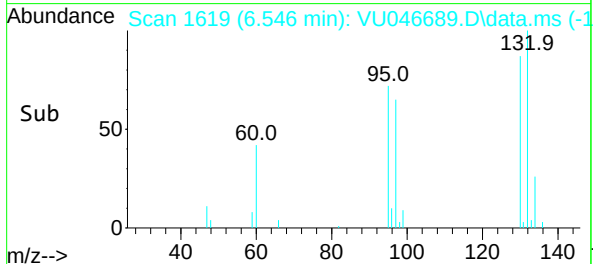
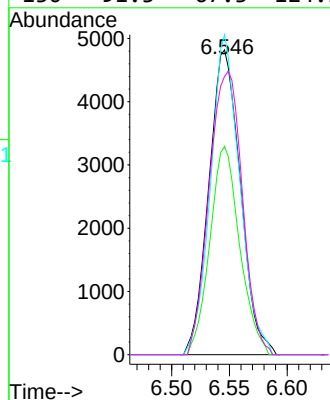
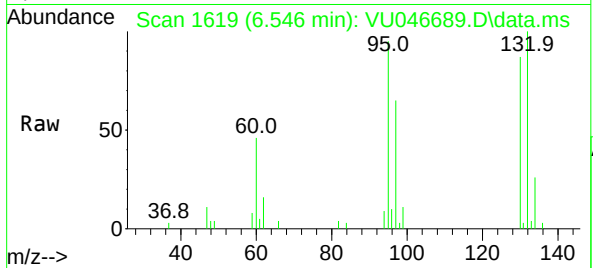


#34
Trichloroethene
Concen: 1.072 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046689.D
Acq: 06 Jan 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :
C0J01

Tgt Ion: 95 Resp: 9152

Ion	Ratio	Lower	Upper
95	100		
97	68.3	46.5	86.5
132	105.0	65.1	120.9
130	91.3	67.3	124.9



#47
Tetrachloroethene
Concen: 0.489 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046689.D
Acq: 06 Jan 2022 16:28

Tgt Ion: 164 Resp: 2953

Ion	Ratio	Lower	Upper
164	100		
129	101.3	71.8	133.4
131	91.1	68.5	127.3
166	145.8	94.1	174.8

