

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010622\
 Data File : VU046689.D
 Acq On : 06 Jan 2022 16:28
 Operator : SY/MD
 Sample : M1027-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

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)

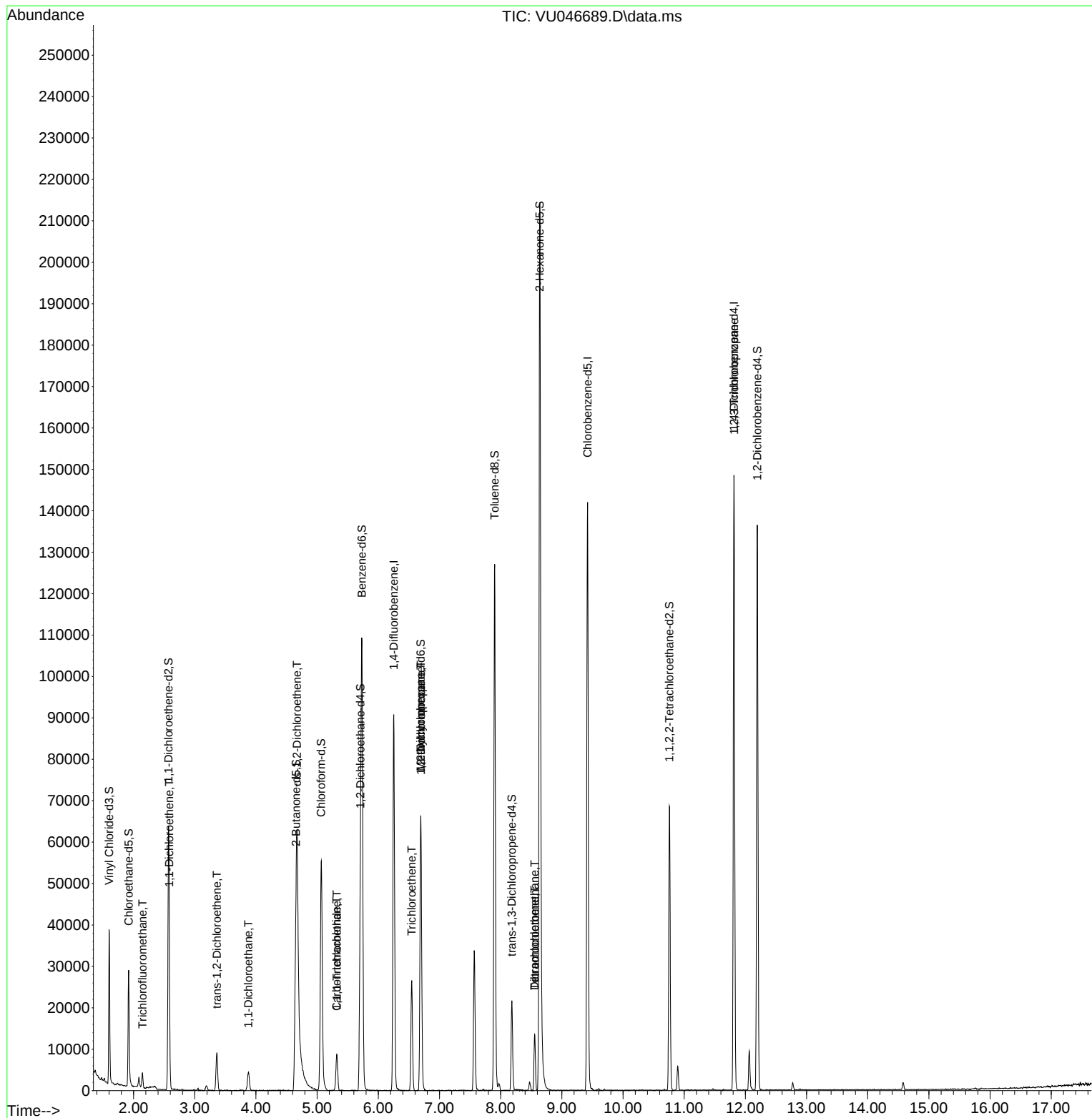
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	75263	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	81544	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27555	4.648	ug/L	0.00
Spiked Amount	5.000	Range	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
31) Carbon tetrachloride	5.317	117	795	0.070	ug/L	92
34) Trichloroethene	6.546	95	9152	1.072	ug/L	93
35) Methylcyclohexane	6.694	83	8062	0.669	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	3480	0.421	ug/L #	88
47) Tetrachloroethene	8.555	164	2953	0.489	ug/L	94
49) Dibromochloromethane	8.555	129	2947	0.358	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	4802	0.716	ug/L #	66

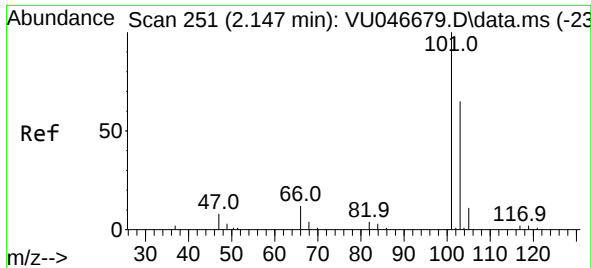
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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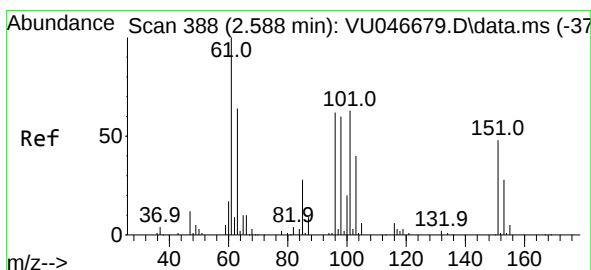
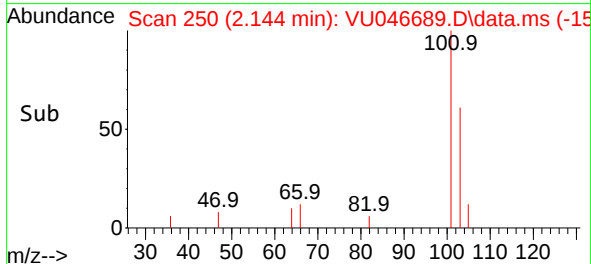
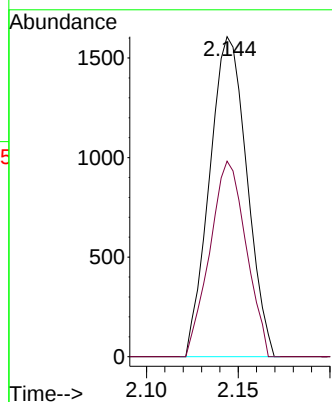
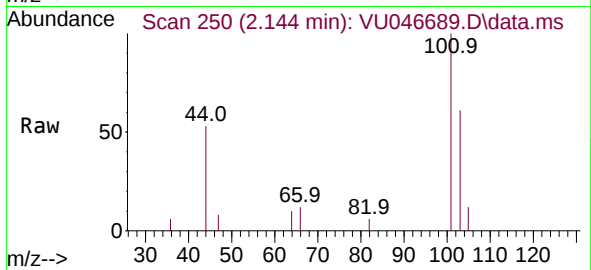




#9
 Trichlorofluoromethane
 Concen: 0.178 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU046689.D
 Acq: 06 Jan 2022 16:28

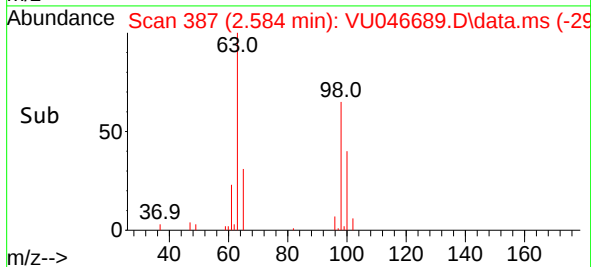
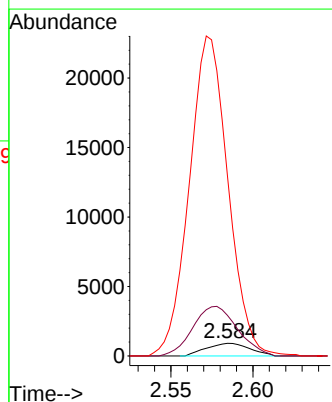
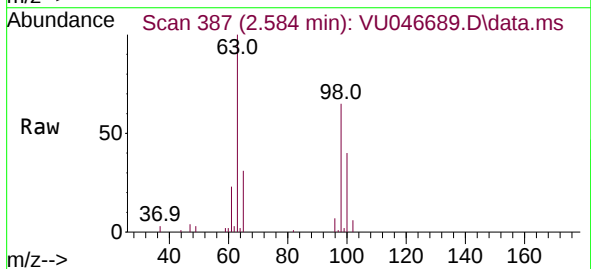
Instrument :
 MSVOA_U
 ClientSampleId :

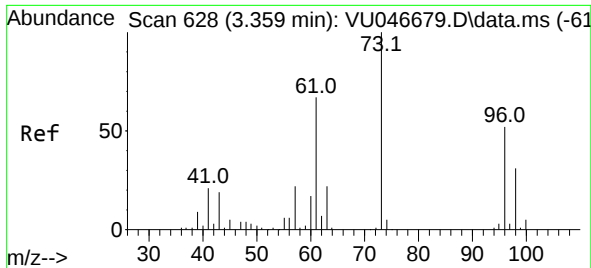
Tgt Ion:101 Resp: 2274
 Ion Ratio Lower Upper
 101 100
 103 59.3 51.5 77.3



#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#

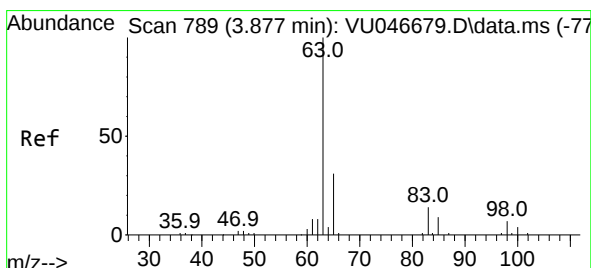
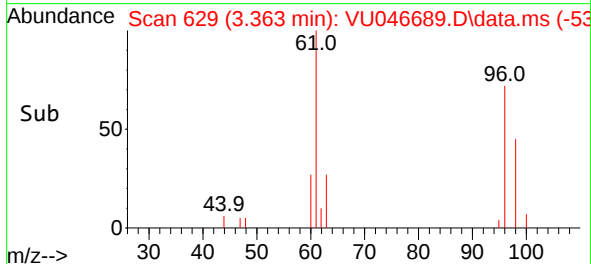
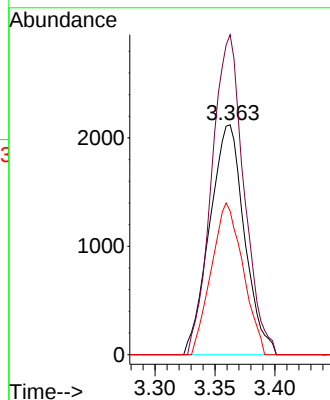
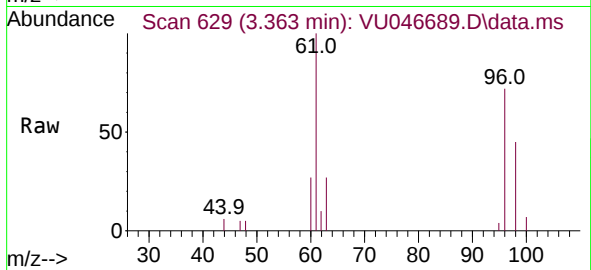




#18
trans-1,2-Dichloroethene
Concen: 0.605 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046689.D
Acq: 06 Jan 2022 16:28

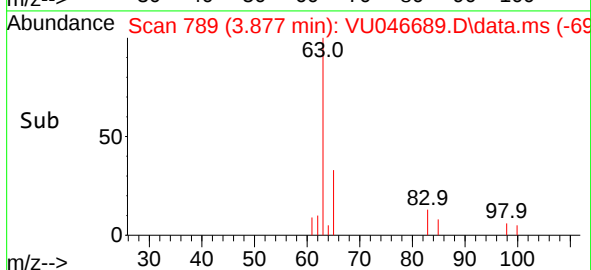
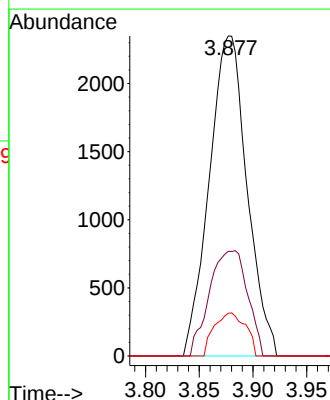
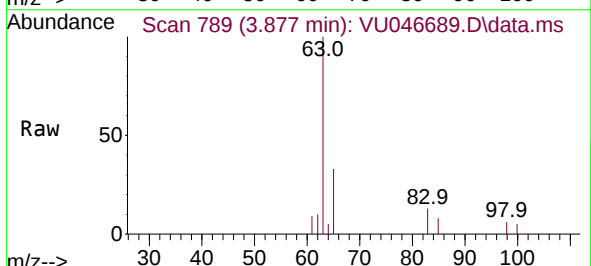
Instrument :
MSVOA_U
ClientSampleId :

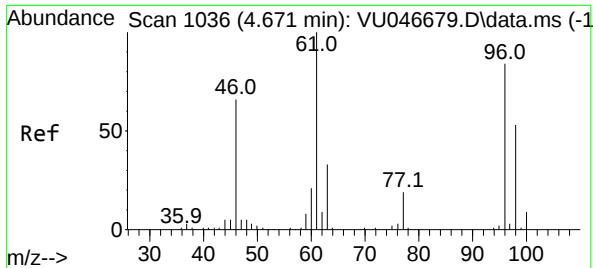
Tgt Ion: 96 Resp: 4275
Ion Ratio Lower Upper
96 100
61 139.2 100.8 187.2
98 62.5 45.1 83.7



#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

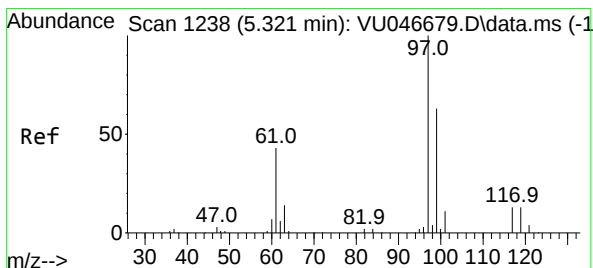
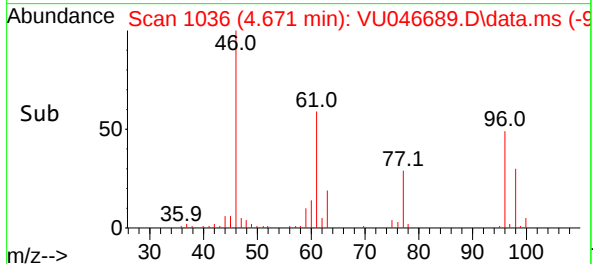
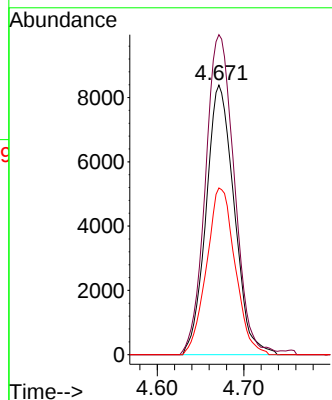
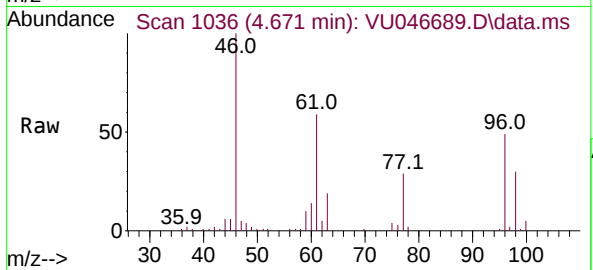
Acq: 06 Jan 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :

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

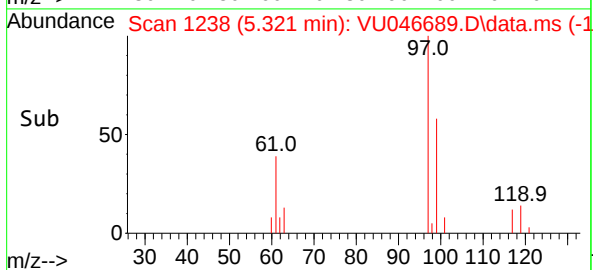
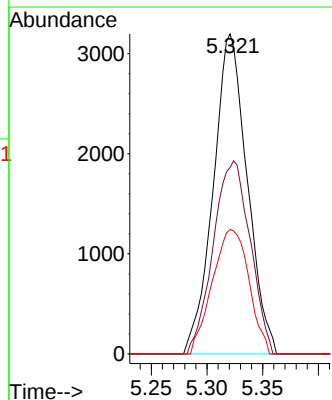
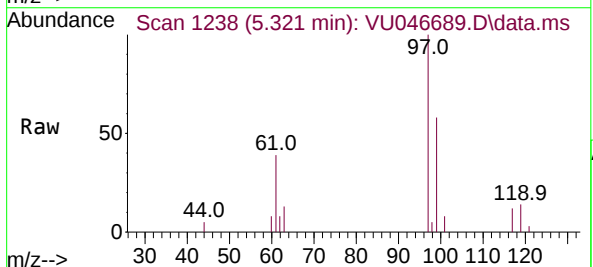
RT: 5.321 min Scan# 1238

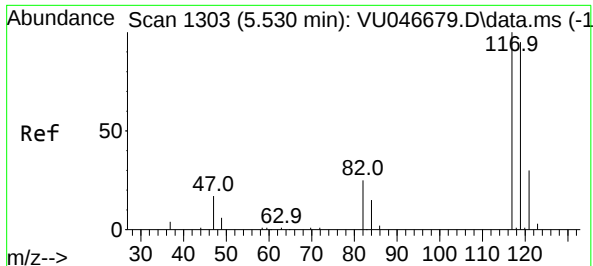
Delta R.T. -0.000 min

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

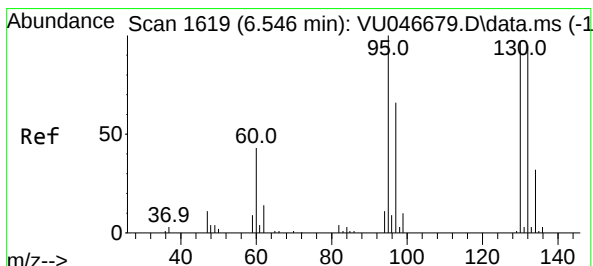
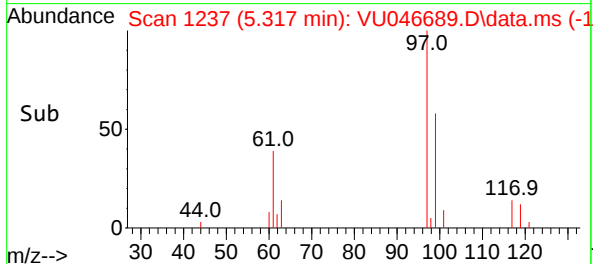
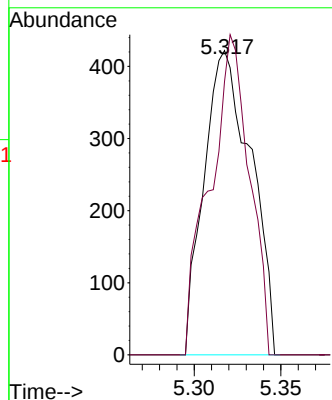
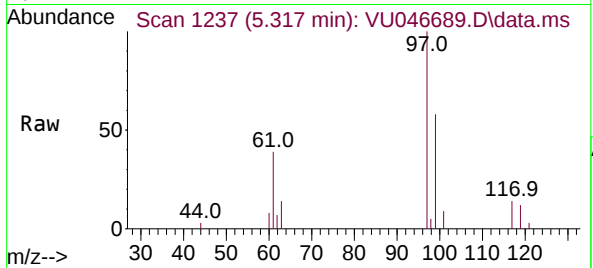




#31
Carbon tetrachloride
Concen: 0.070 ug/L
RT: 5.317 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU046689.D
Acq: 06 Jan 2022 16:28

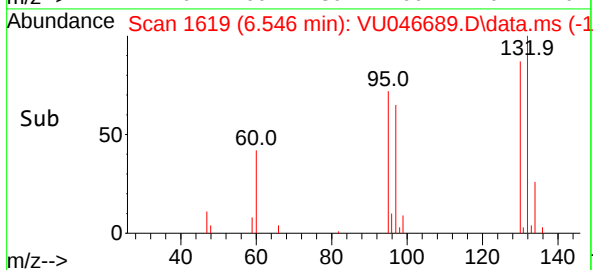
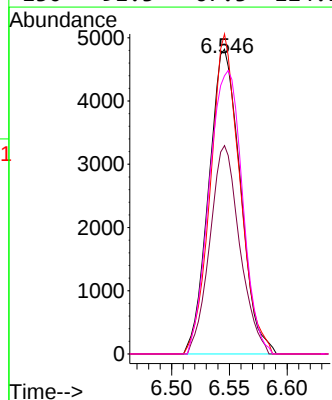
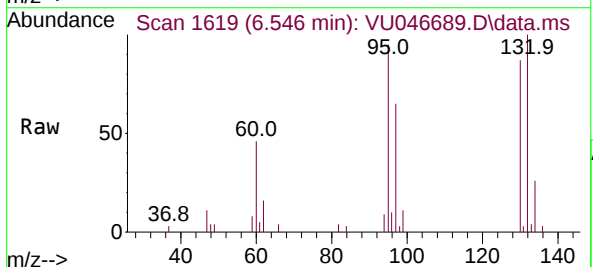
Instrument :
MSVOA_U
ClientSampleId :

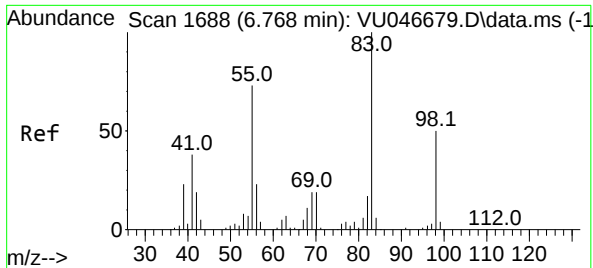
Tgt Ion:117 Resp: 795
Ion Ratio Lower Upper
117 100
119 89.1 77.5 116.3



#34
Trichloroethene
Concen: 1.072 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046689.D
Acq: 06 Jan 2022 16:28

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

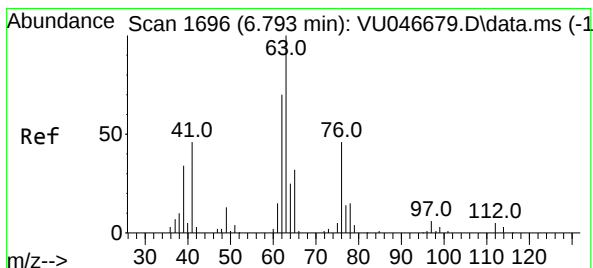
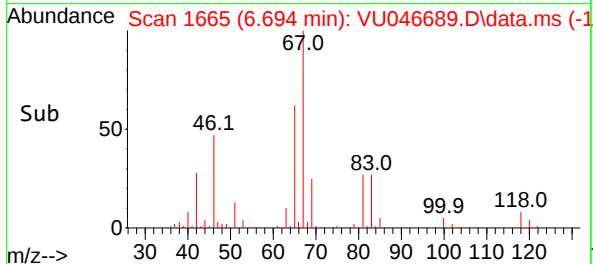
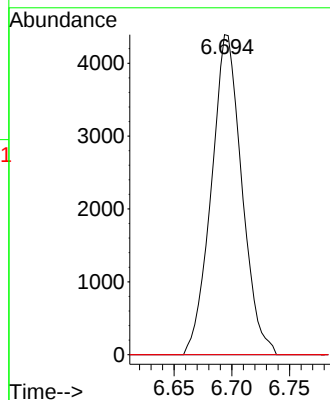
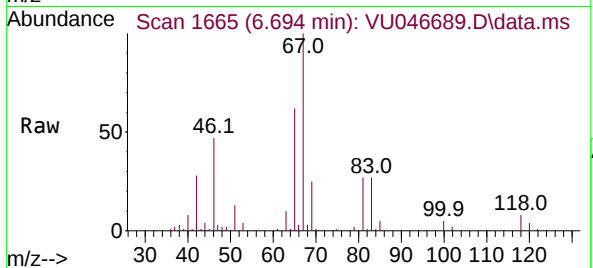




#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046689.D
Acq: 06 Jan 2022 16:28

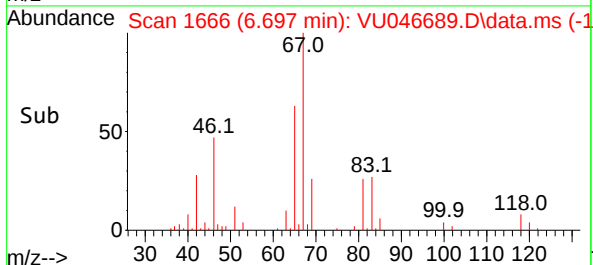
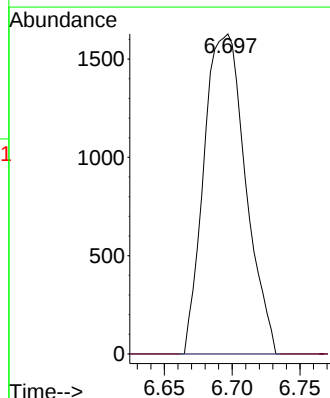
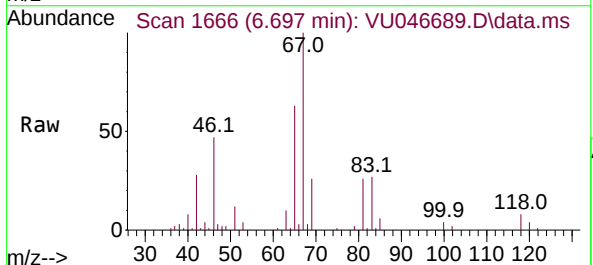
Instrument :
MSVOA_U
ClientSampleId :

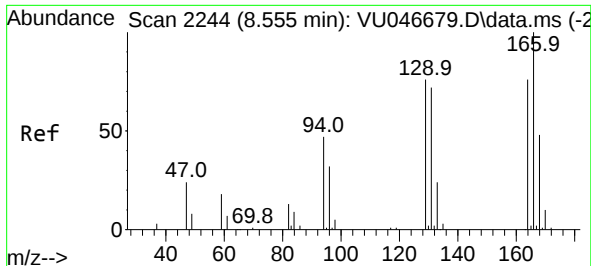
Tgt Ion: 83 Resp: 8062
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.8 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.421 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.097 min
Lab File: VU046689.D
Acq: 06 Jan 2022 16:28

Tgt Ion: 63 Resp: 3480
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 0.489 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.000 min

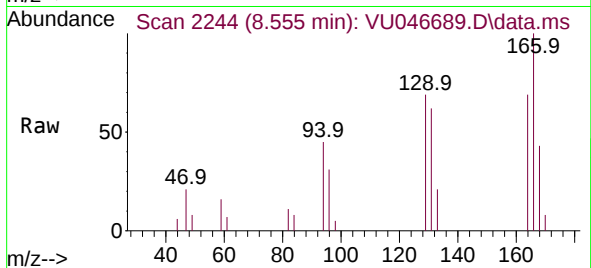
Lab File: VU046689.D

Acq: 06 Jan 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2953

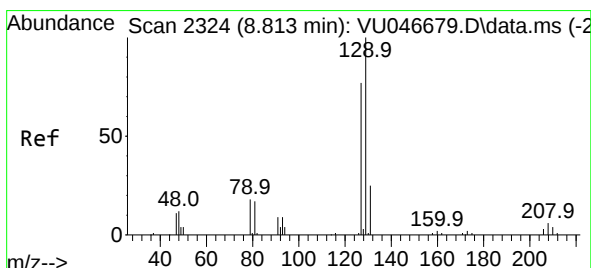
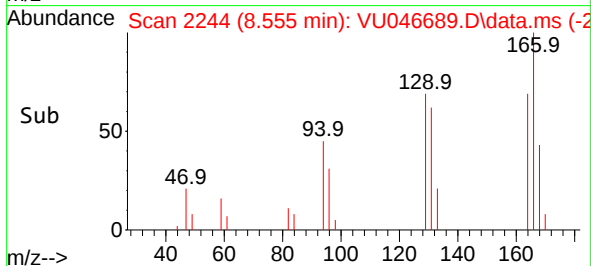
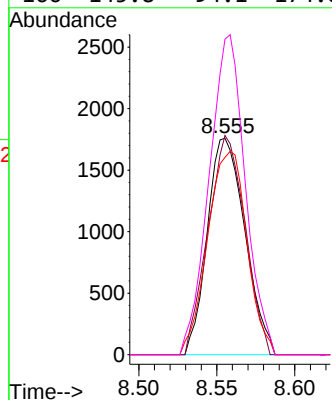
Ion Ratio Lower Upper

164 100

129 101.3 71.8 133.4

131 91.1 68.5 127.3

166 145.8 94.1 174.8



#49

Dibromochloromethane

Concen: 0.358 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046689.D

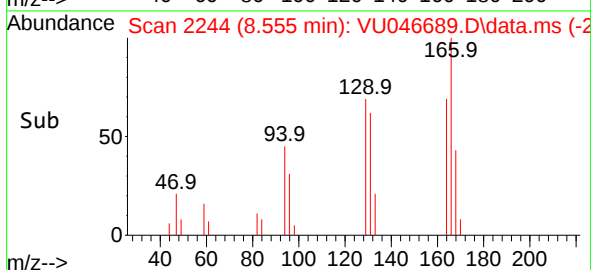
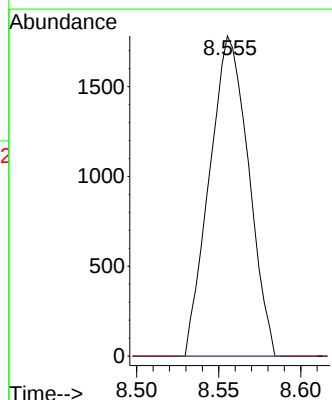
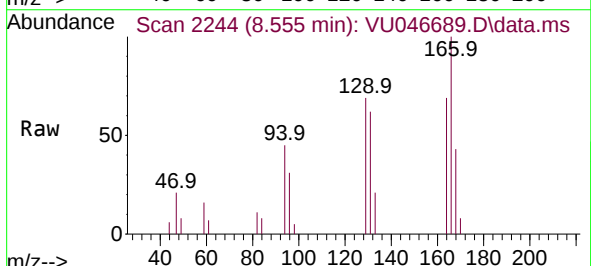
Acq: 06 Jan 2022 16:28

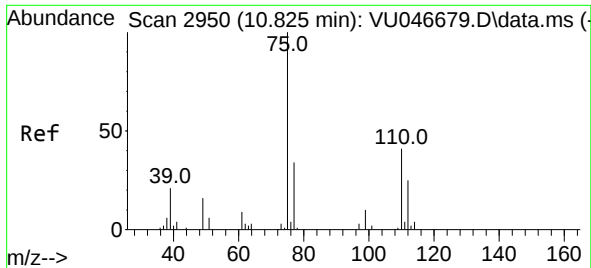
Tgt Ion:129 Resp: 2947

Ion Ratio Lower Upper

129 100

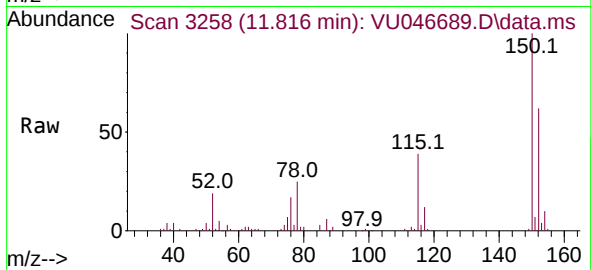
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.716 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046689.D
 Acq: 06 Jan 2022 16:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4802
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 32.6 25.5 38.3

