

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112621\
 Data File : VU046011.D
 Acq On : 26 Nov 2021 11:48
 Operator : SY/MD
 Sample : M4722-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G49DL

Quant Time: Nov 26 23:27:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 23:26:55 2021
 Response via : Initial Calibration

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

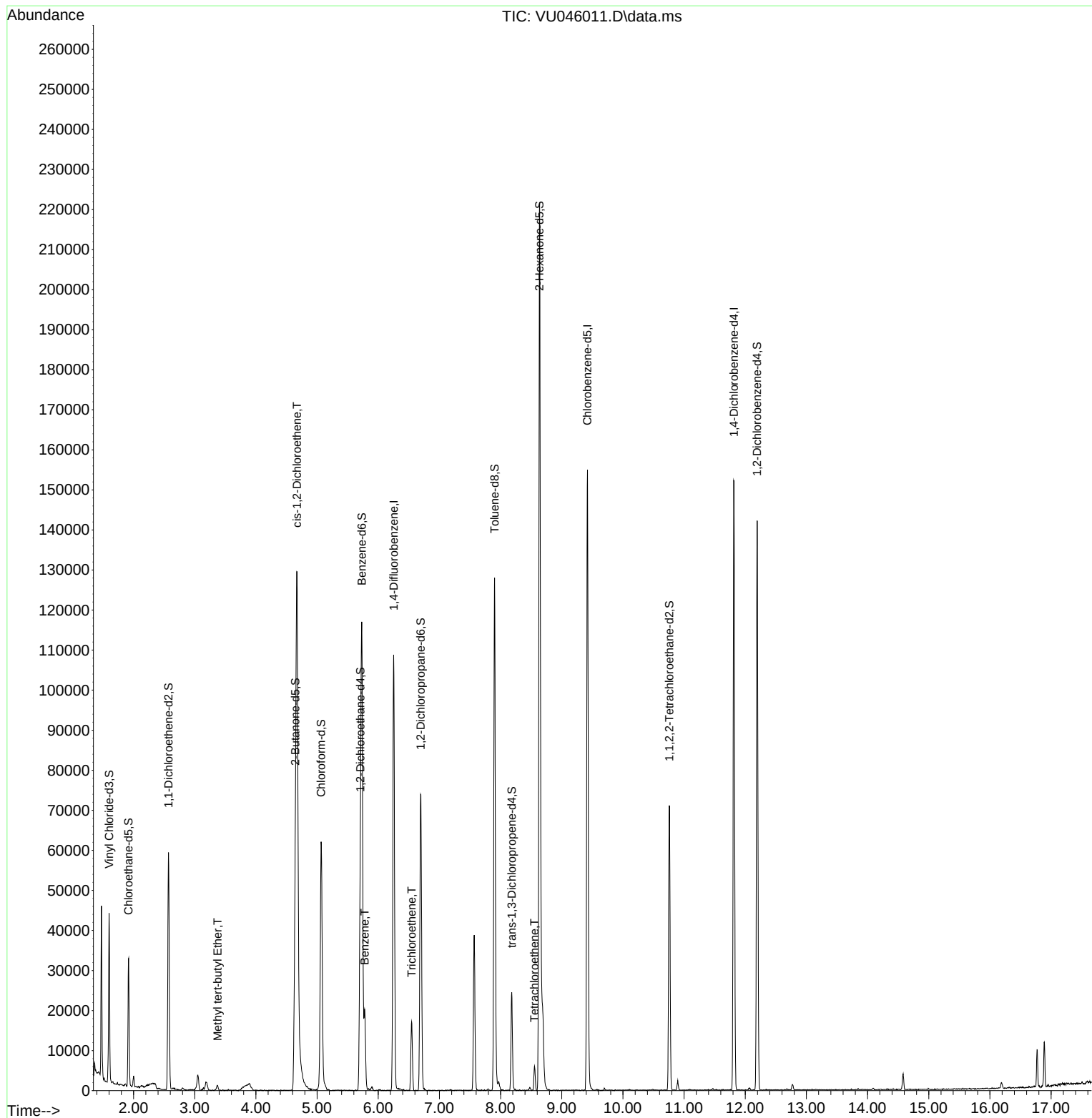
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89491	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	89595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	41188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26200	3.695	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.916	69	23806	4.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.572	65	11057	3.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.645	46	122096	64.258	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.520%
24) Chloroform-d	5.067	84	57717	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.706	65	34794	5.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.732	84	109630	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.694	67	36061	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.903	98	88021	3.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.182	79	14325	4.538	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.636	63	81311	57.228	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.460%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36602	5.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	37333	5.279	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
17) Methyl tert-butyl Ether	3.372	73	1458	0.101	ug/L	90
22) cis-1,2-Dichloroethene	4.671	96	49651	7.712	ug/L	99
33) Benzene	5.777	78	19098	0.764	ug/L	100
34) Trichloroethene	6.546	95	5820	0.903	ug/L	95
47) Tetrachloroethene	8.552	164	1348	0.299	ug/L	96

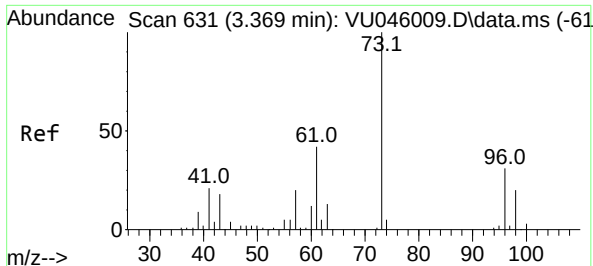
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.101 ug/L

RT: 3.372 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU046011.D

Acq: 26 Nov 2021 11:48

Instrument :

MSVOA_U

ClientSampleId :

C0G49DL

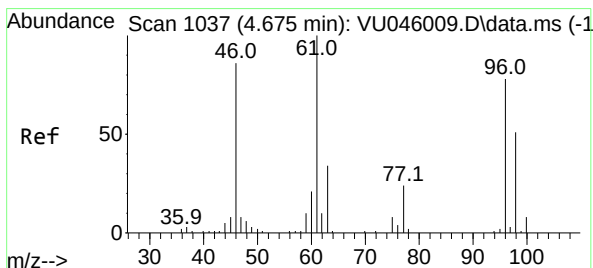
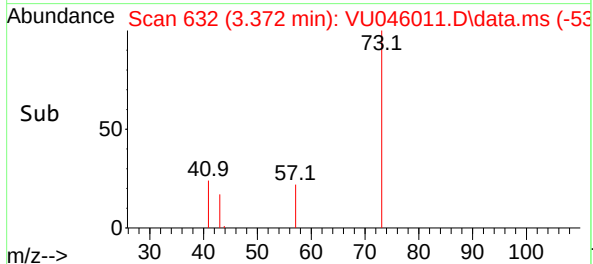
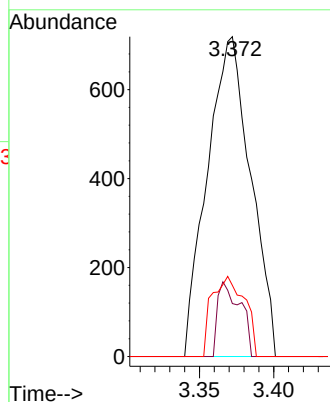
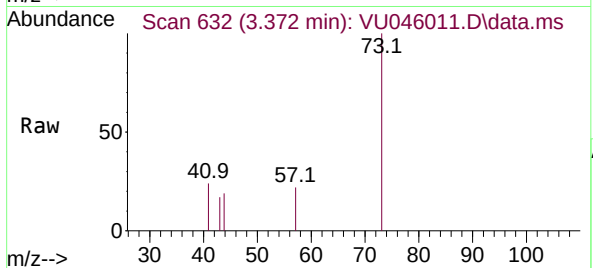
Tgt Ion: 73 Resp: 1458

Ion Ratio Lower Upper

73 100

43 12.1 14.8 22.2#

57 18.9 17.4 26.0



#22

cis-1,2-Dichloroethene

Concen: 7.712 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046011.D

Acq: 26 Nov 2021 11:48

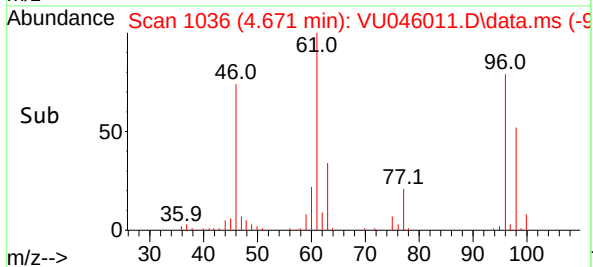
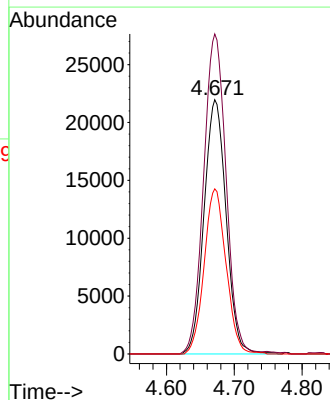
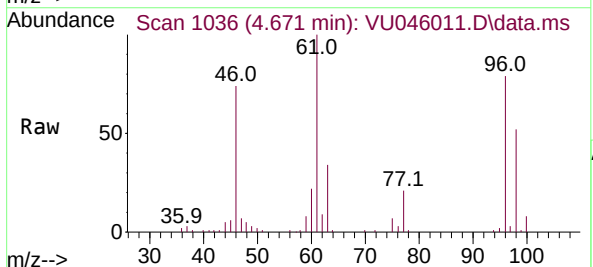
Tgt Ion: 96 Resp: 49651

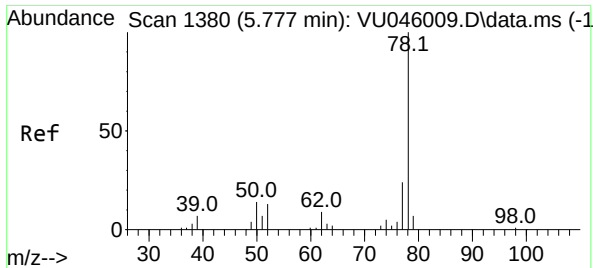
Ion Ratio Lower Upper

96 100

61 125.9 88.5 164.3

98 65.0 44.4 82.5





#33

Benzene

Concen: 0.764 ug/L

RT: 5.777 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU046011.D

Acq: 26 Nov 2021 11:48

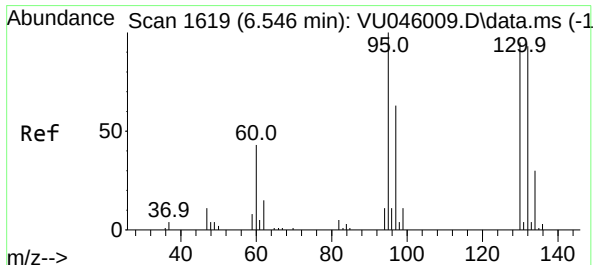
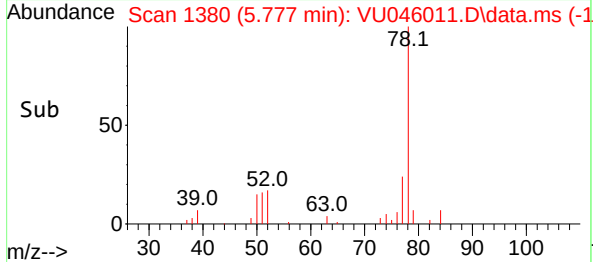
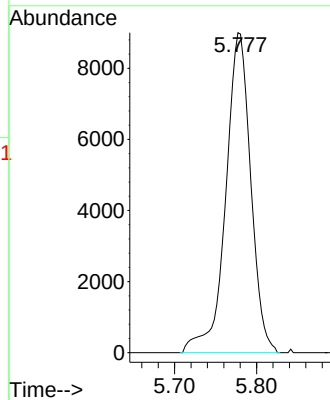
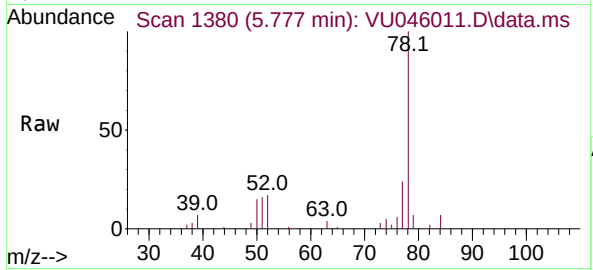
Instrument :

MSVOA_U

ClientSampleId :

C0G49DL

Tgt Ion: 78 Resp: 19098



#34

Trichloroethene

Concen: 0.903 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU046011.D

Acq: 26 Nov 2021 11:48

Tgt Ion: 95 Resp: 5820

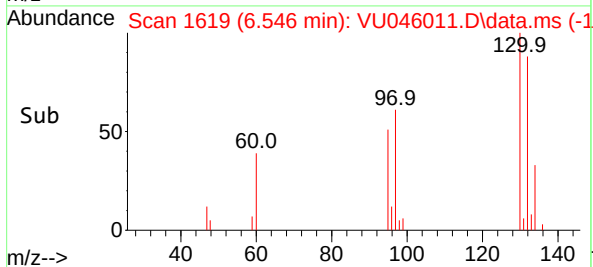
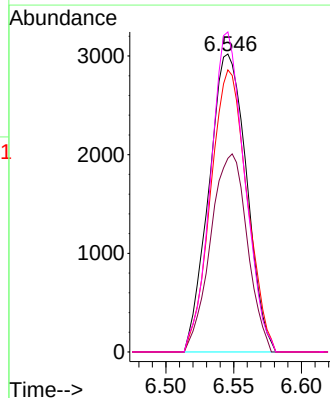
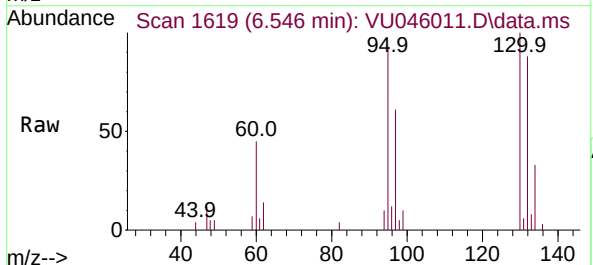
Ion Ratio Lower Upper

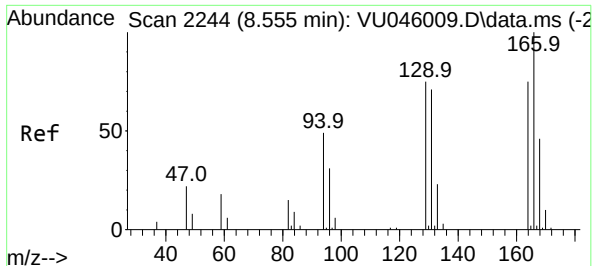
95 100

97 65.0 46.5 86.5

132 94.7 65.1 120.9

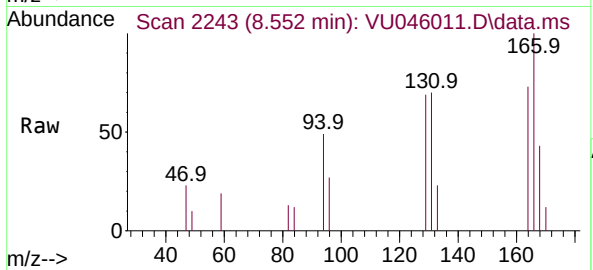
130 107.4 67.3 124.9





#47
 Tetrachloroethene
 Concen: 0.299 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU046011.D
 Acq: 26 Nov 2021 11:48

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G49DL



Tgt Ion:164 Resp: 1348

Ion	Ratio	Lower	Upper
164	100		
129	95.2	71.8	133.4
131	96.5	68.5	127.3
166	137.5	94.1	174.8

