

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045814.D
 Acq On : 16 Nov 2021 18:02
 Operator : SY/MD
 Sample : M4686-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z7

Quant Time: Nov 17 04:52:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

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

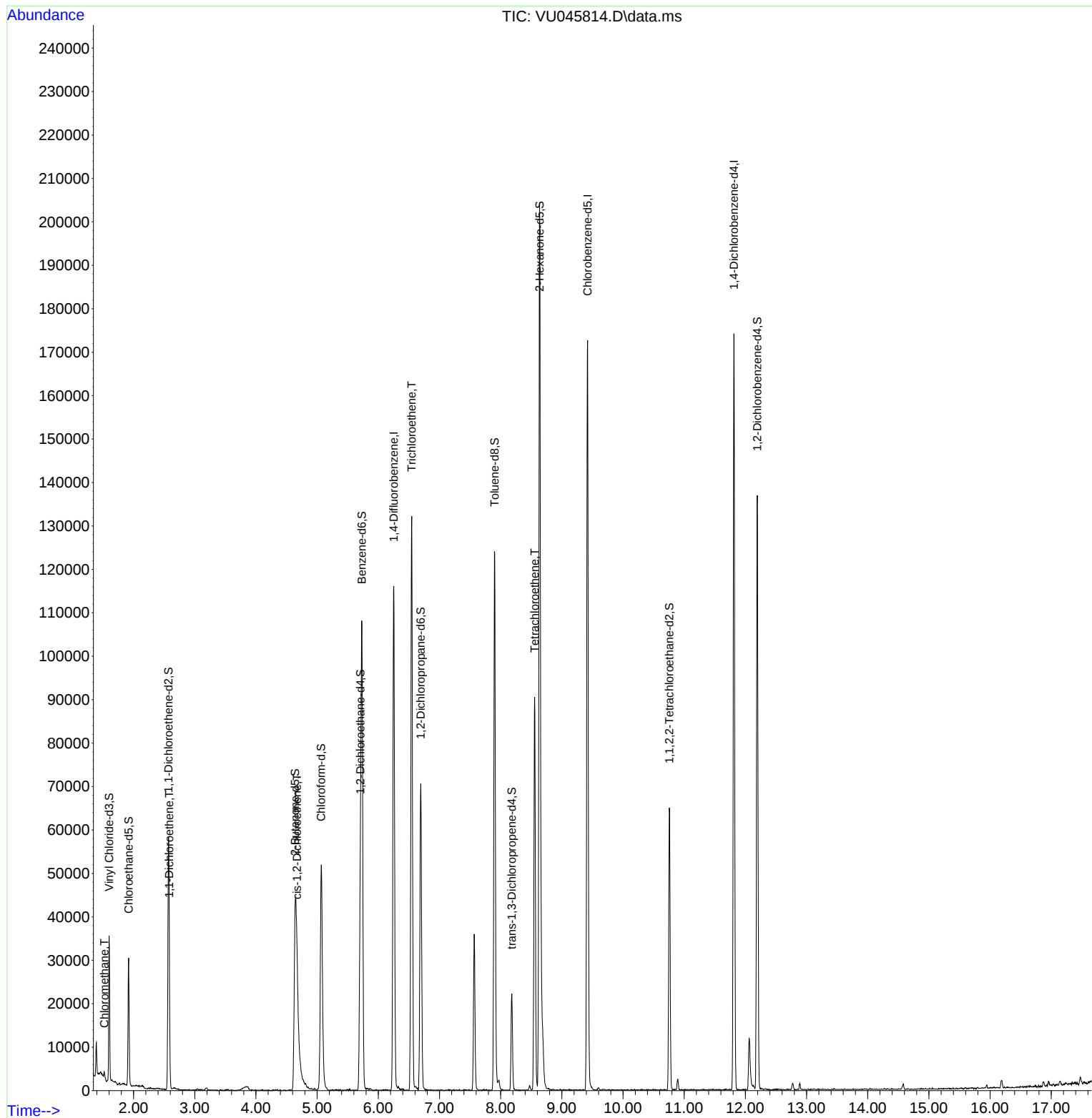
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	96603	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44411	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23677	3.217	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.919	69	20779	3.879	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.572	65	10787	3.495	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.642	46	102331	51.886	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.780%
24) Chloroform-d	5.067	84	47616	3.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
26) 1,2-Dichloroethane-d4	5.707	65	30771	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.732	84	100099	3.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.694	67	34773	4.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.899	98	84123	3.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	8.182	79	13410	3.940	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.636	63	72802	47.522	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32420	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	35685	4.680	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1342	0.167	ug/L	90
12) 1,1-Dichloroethene	2.585	96	1370	0.238	ug/L	# 1
22) cis-1,2-Dichloroethene	4.671	96	3115	0.466	ug/L	99
34) Trichloroethene	6.546	95	44325	6.380	ug/L	99
47) Tetrachloroethene	8.555	164	19576	4.025	ug/L	98

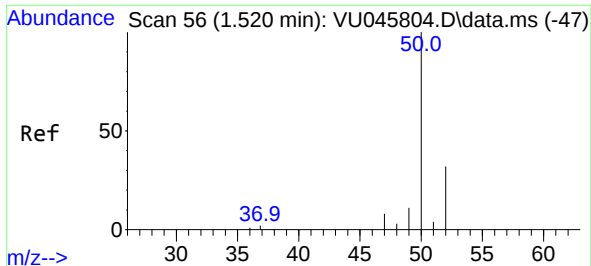
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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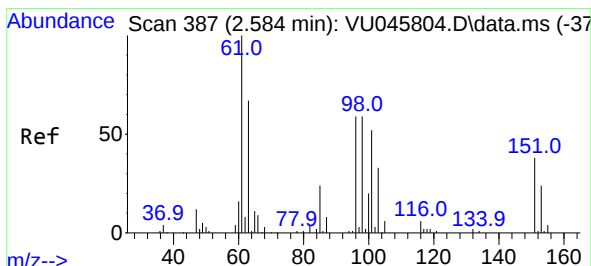
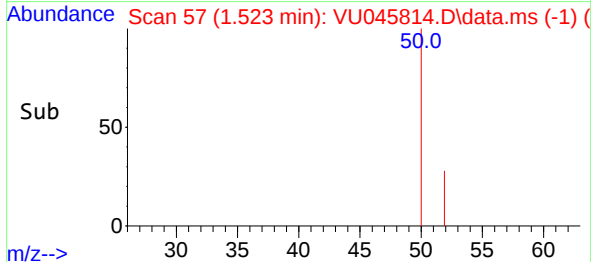
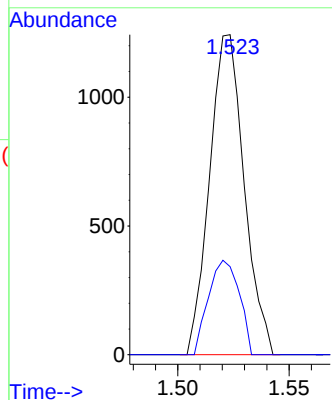
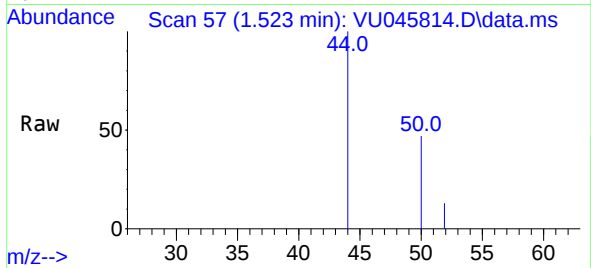




#3
Chloromethane
Concen: 0.167 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045814.D
Acq: 16 Nov 2021 18:02

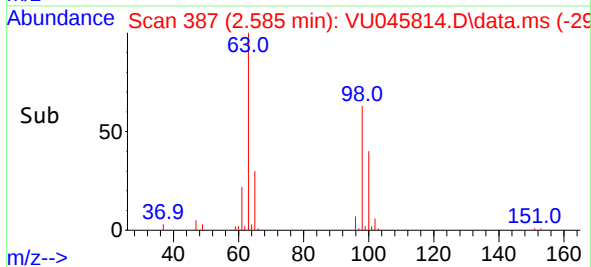
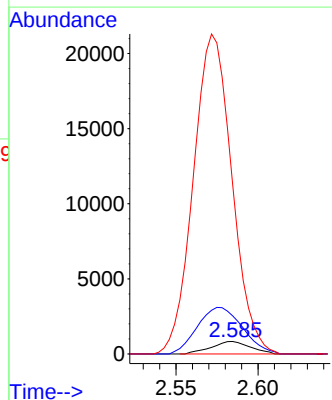
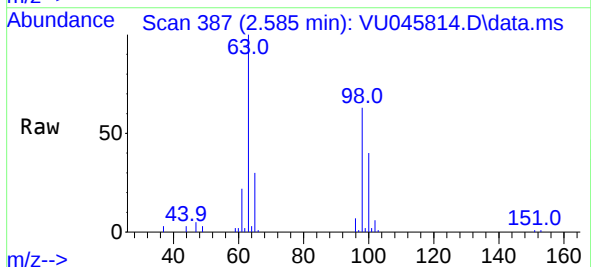
Instrument :
MSVOA_U
ClientSampleId :
BG1Z7

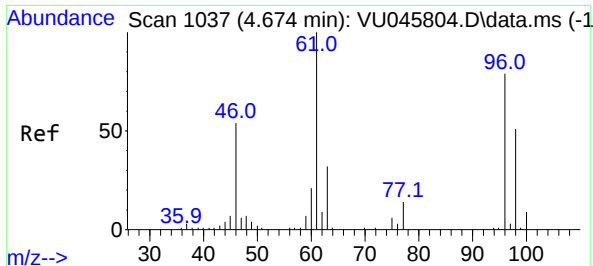
Tgt Ion: 50 Resp: 1342
Ion Ratio Lower Upper
50 100
52 27.5 23.0 42.8



#12
1,1-Dichloroethene
Concen: 0.238 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045814.D
Acq: 16 Nov 2021 18:02

Tgt Ion: 96 Resp: 1370
Ion Ratio Lower Upper
96 100
61 305.2 124.7 231.5#
63 1357.7 105.2 195.4#

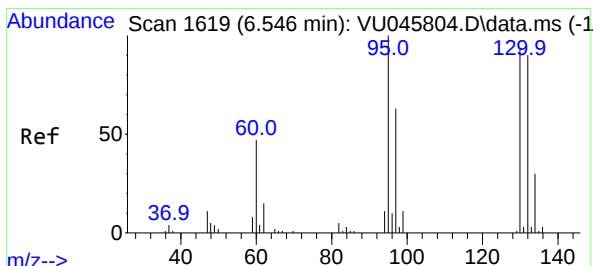
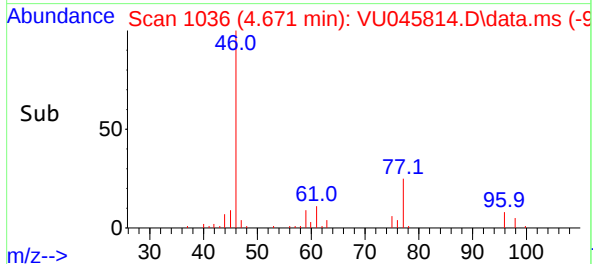
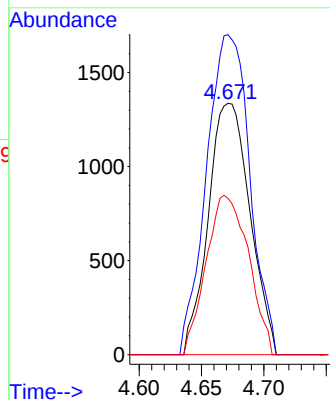
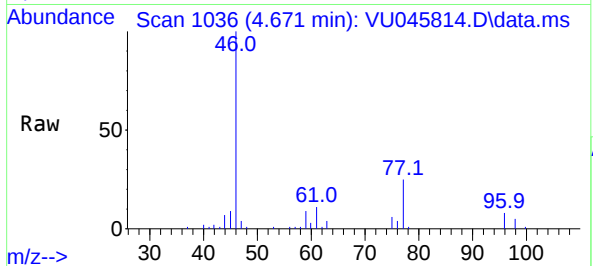




#22
 cis-1,2-Dichloroethene
 Concen: 0.466 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU045814.D
 Acq: 16 Nov 2021 18:02

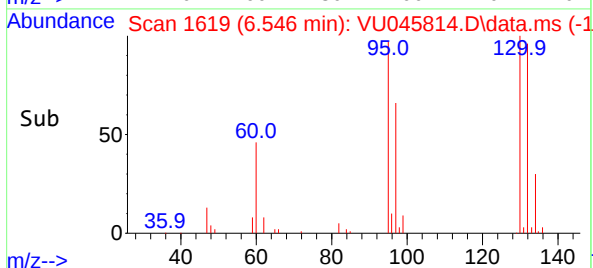
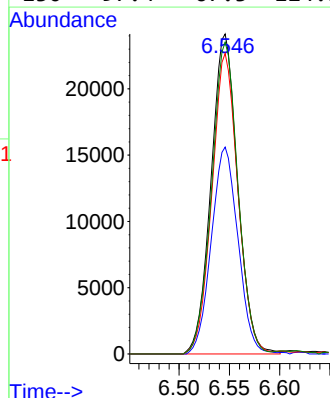
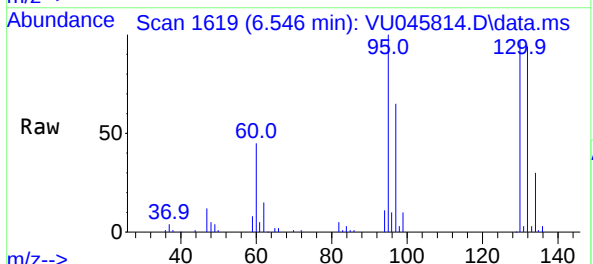
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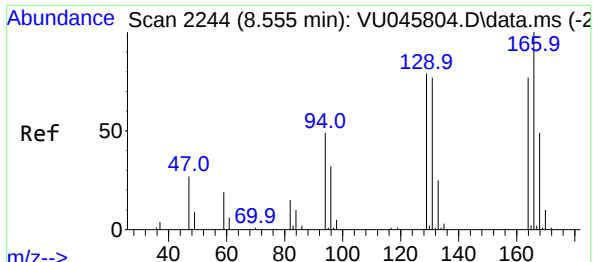
Tgt Ion: 96 Resp: 3115
 Ion Ratio Lower Upper
 96 100
 61 127.3 88.5 164.3
 98 62.2 44.4 82.5



#34
 Trichloroethene
 Concen: 6.380 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VU045814.D
 Acq: 16 Nov 2021 18:02

Tgt Ion: 95 Resp: 44325
 Ion Ratio Lower Upper
 95 100
 97 64.7 46.5 86.5
 132 93.9 65.1 120.9
 130 97.4 67.3 124.9





#47
 Tetrachloroethene
 Concen: 4.025 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045814.D
 Acq: 16 Nov 2021 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z7

Tgt Ion:164 Resp: 19576

Ion	Ratio	Lower	Upper
164	100		
129	104.9	71.8	133.4
131	99.7	68.5	127.3
166	132.0	94.1	174.8

