

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011322\
 Data File : VU046753.D
 Acq On : 13 Jan 2022 13:35
 Operator : SY/MD
 Sample : N1101-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW9

Quant Time: Jan 13 23:13:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

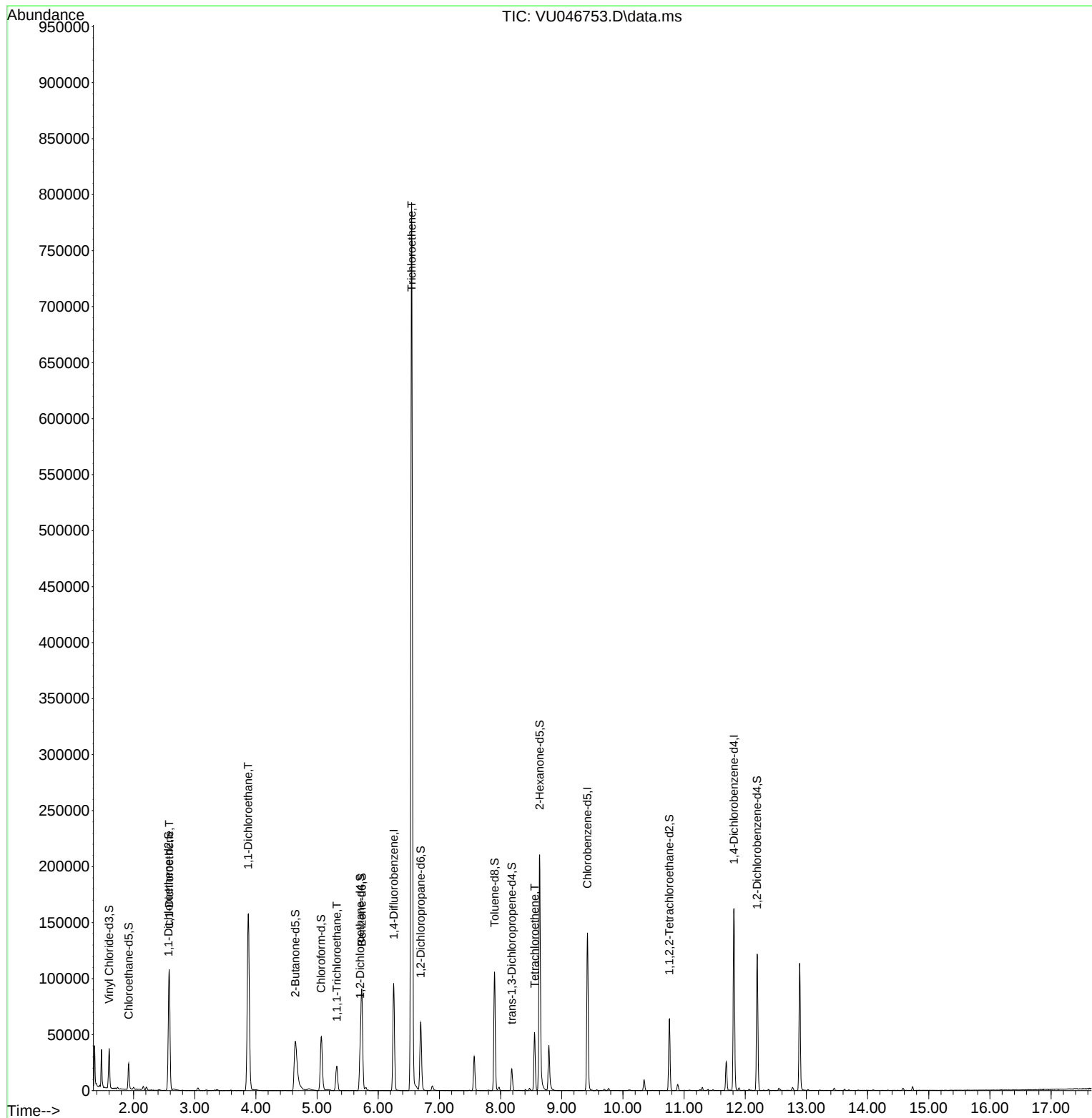
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	78368	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	81686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	43687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	19239	3.117	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.919	69	17528	3.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.571	65	9000	3.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.645	46	98286	54.892	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.780%
24) Chloroform-d	5.067	84	46593	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.703	65	27070	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	5.732	84	86129	3.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.693	67	29306	4.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.902	98	71651	3.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.182	79	11971	3.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.639	63	82232	44.258	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31024	4.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	33111	4.115	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	29228	4.240	ug/L	# 74
19) 1,1-Dichloroethane	3.874	63	181301	13.381	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	16941	1.254	ug/L	96
34) Trichloroethene	6.546	95	272645	31.866	ug/L	97
47) Tetrachloroethene	8.555	164	11607	1.917	ug/L	90

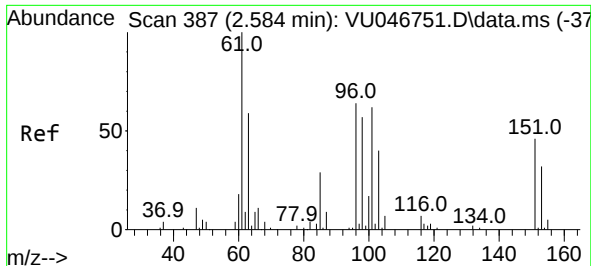
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.240 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.006 min

Lab File: VU046753.D

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Instrument :

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ClientSampleId :

BFXW9

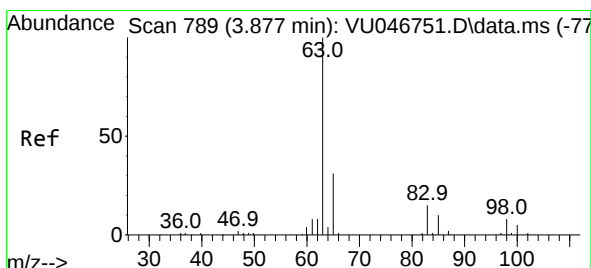
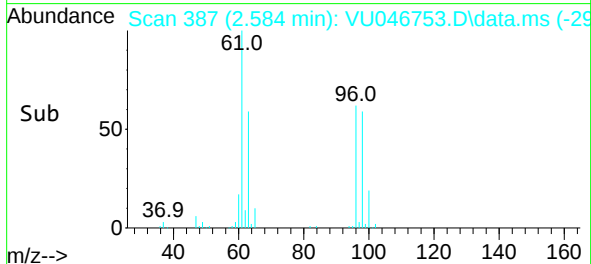
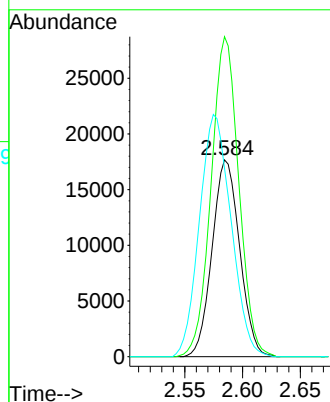
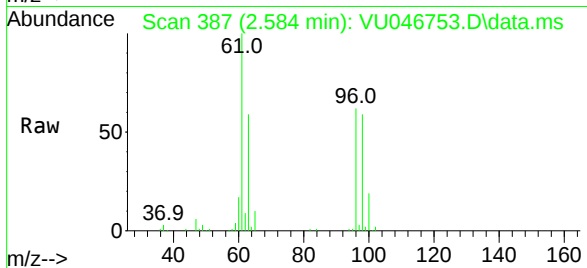
Tgt Ion: 96 Resp: 29228

Ion Ratio Lower Upper

96 100

61 162.5 124.7 231.5

63 95.7 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 13.381 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.006 min

Lab File: VU046753.D

Acq: 13 Jan 2022 13:35

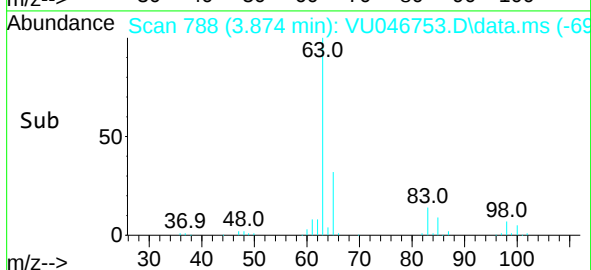
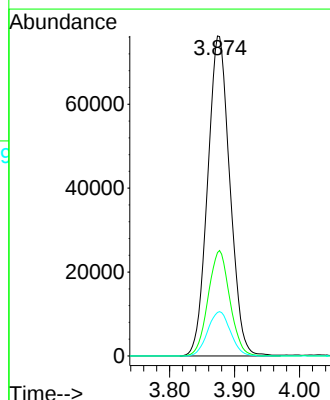
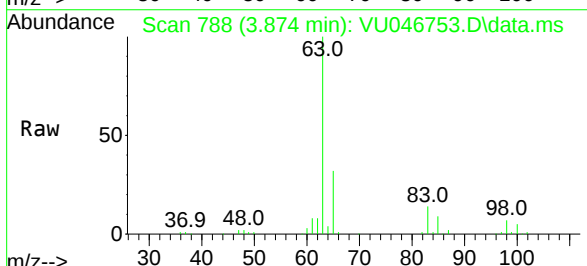
Tgt Ion: 63 Resp: 181301

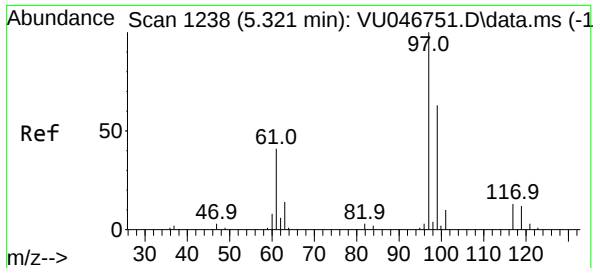
Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.5

83 13.6 9.6 17.8





#29

1,1,1-Trichloroethane

Concen: 1.254 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU046753.D

Acq: 13 Jan 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

BFXW9

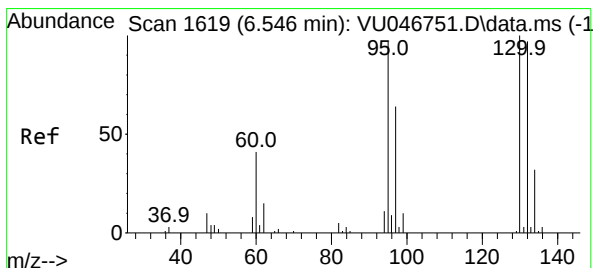
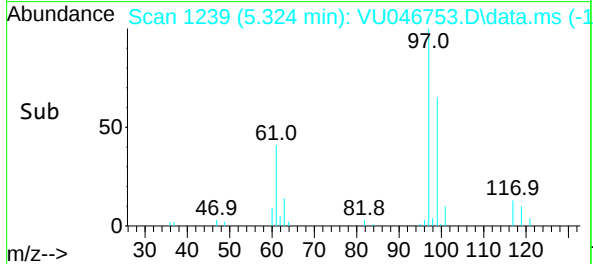
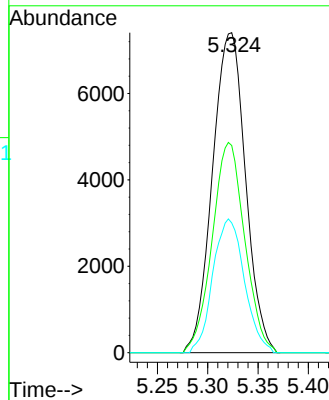
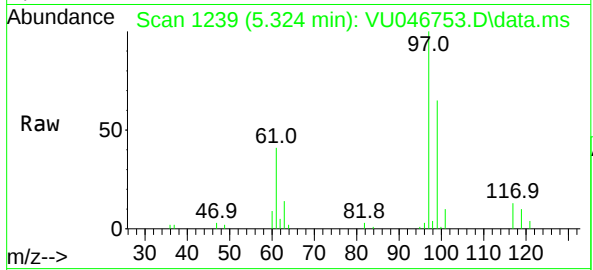
Tgt Ion: 97 Resp: 16941

Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 39.9 36.1 54.1



#34

Trichloroethene

Concen: 31.866 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU046753.D

Acq: 13 Jan 2022 13:35

Tgt Ion: 95 Resp: 272645

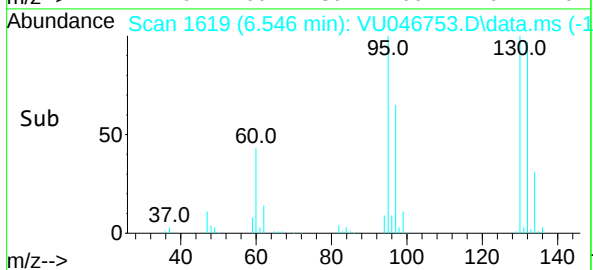
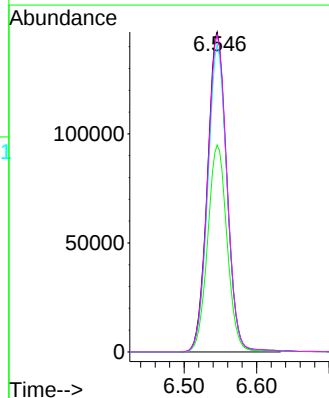
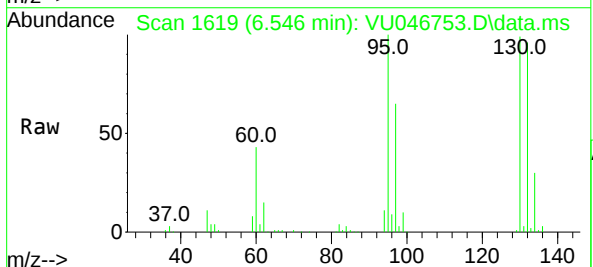
Ion Ratio Lower Upper

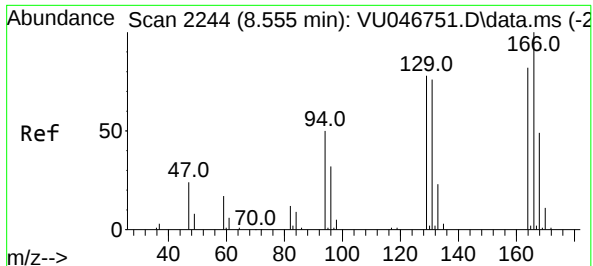
95 100

97 64.6 46.5 86.5

132 96.0 65.1 120.9

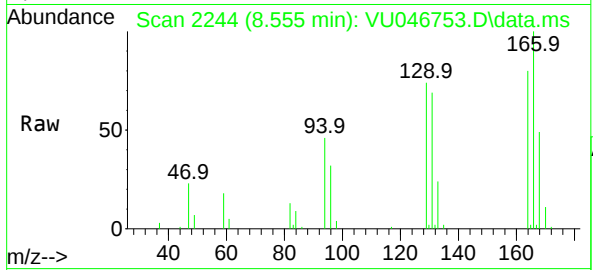
130 99.0 67.3 124.9





#47
 Tetrachloroethene
 Concen: 1.917 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046753.D
 Acq: 13 Jan 2022 13:35

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	164	Resp:	11607
Ion	Ratio	Lower	Upper
164	100		
129	92.6	71.8	133.4
131	85.8	68.5	127.3
166	124.6	94.1	174.8

