

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011322\
 Data File : VU046756.D
 Acq On : 13 Jan 2022 15:03
 Operator : SY/MD
 Sample : N1101-07DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW9DL

Quant Time: Jan 13 23:13:31 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)

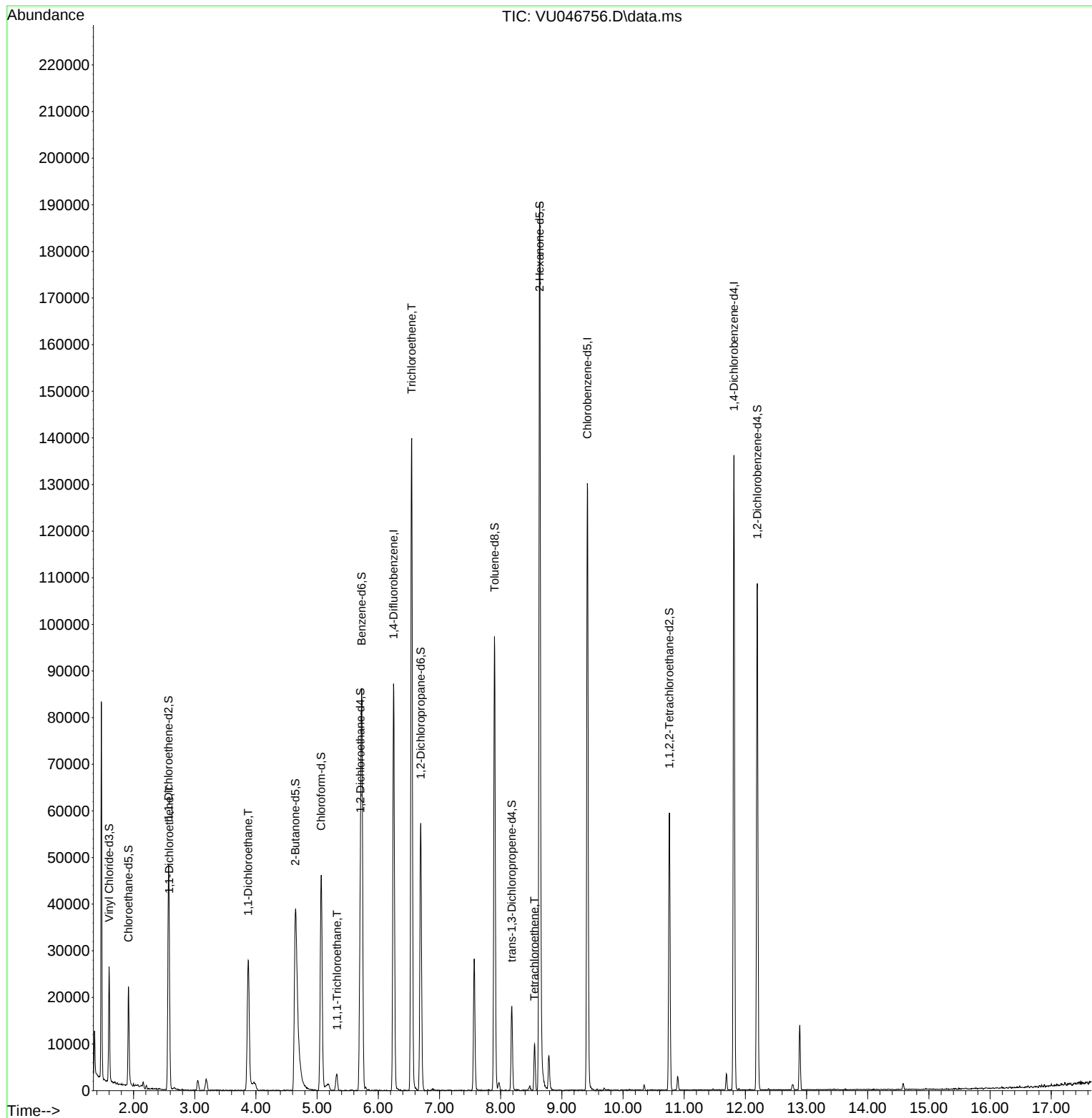
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72580	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	75938	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37545	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	17077	2.987	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.800%
7) Chloroethane-d5	1.916	69	16527	3.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.571	65	7980	3.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	4.645	46	88644	53.455	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.920%
24) Chloroform-d	5.067	84	45254	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.706	65	26538	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.729	84	81568	3.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.693	67	27573	4.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.899	98	68240	3.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.182	79	11515	3.914	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.639	63	74802	43.307	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	29249	4.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	29939	4.329	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	5655	0.886	ug/L #	71
19) 1,1-Dichloroethane	3.874	63	31944	2.546	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	3058	0.244	ug/L	95
34) Trichloroethene	6.546	95	48262	6.068	ug/L	96
47) Tetrachloroethene	8.552	164	2140	0.380	ug/L	96

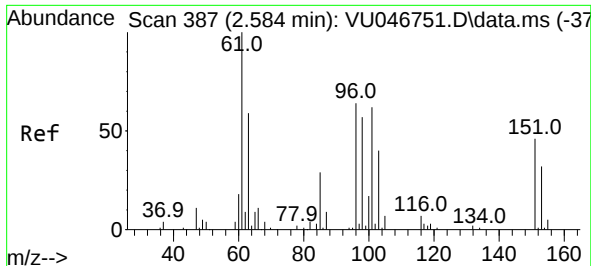
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.886 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.006 min

Lab File: VU046756.D

Acq: 13 Jan 2022 15:03

Instrument :

MSVOA_U

ClientSampleId :

BFXW9DL

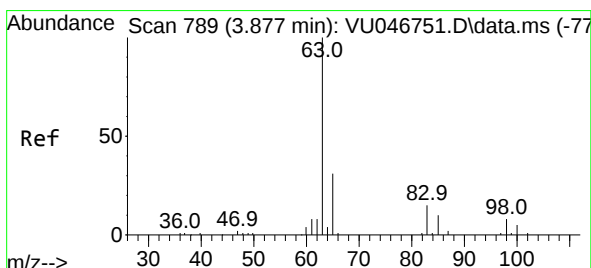
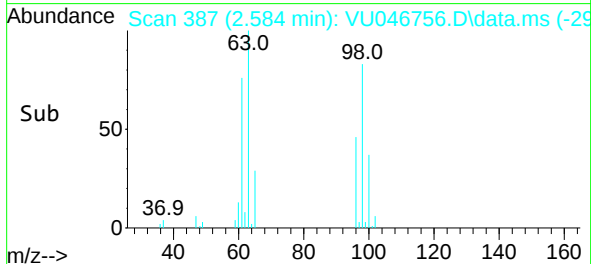
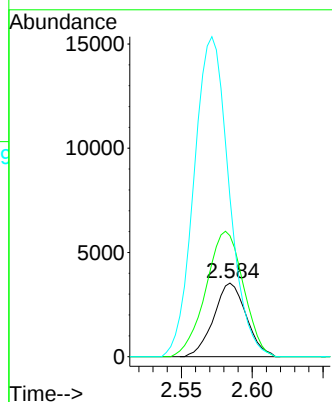
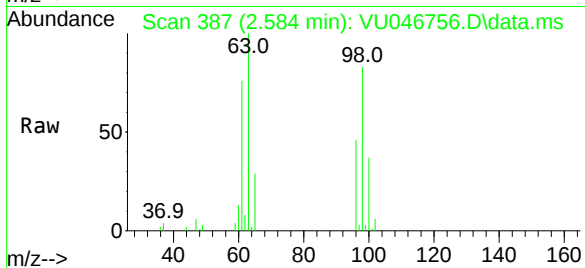
Tgt Ion: 96 Resp: 5655

Ion Ratio Lower Upper

96 100

61 164.5 124.7 231.5

63 216.5 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 2.546 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.006 min

Lab File: VU046756.D

Acq: 13 Jan 2022 15:03

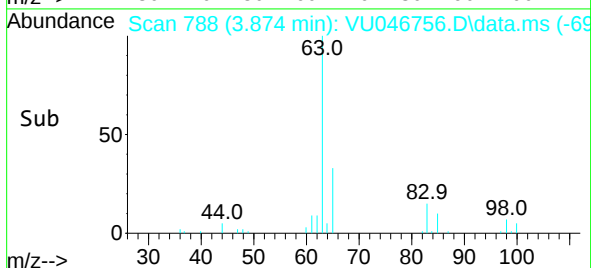
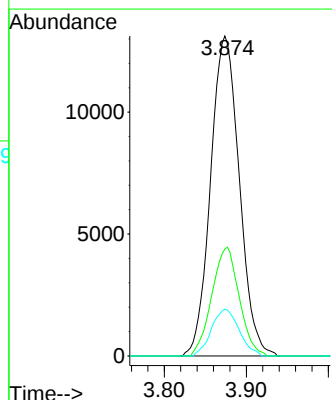
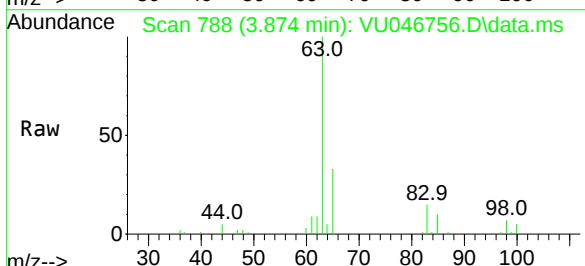
Tgt Ion: 63 Resp: 31944

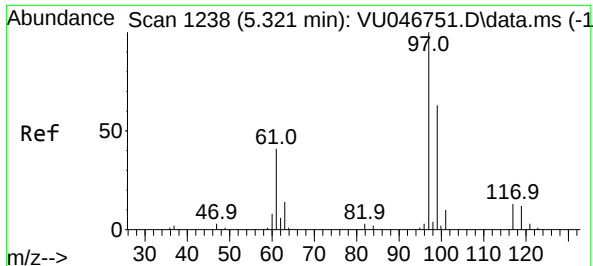
Ion Ratio Lower Upper

63 100

65 33.4 22.3 41.5

83 14.7 9.6 17.8





#29

1,1,1-Trichloroethane

Concen: 0.244 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU046756.D

Acq: 13 Jan 2022 15:03

Instrument :

MSVOA_U

ClientSampleId :

BFXW9DL

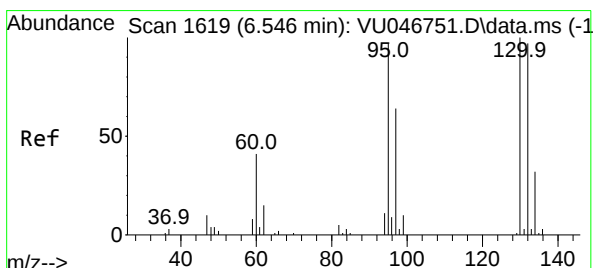
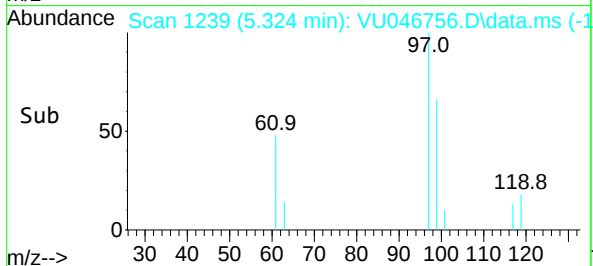
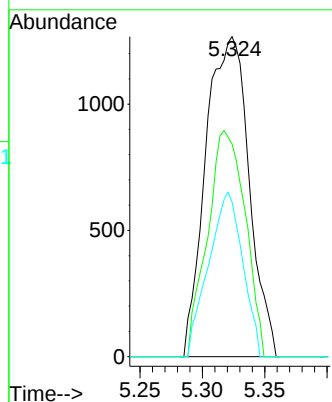
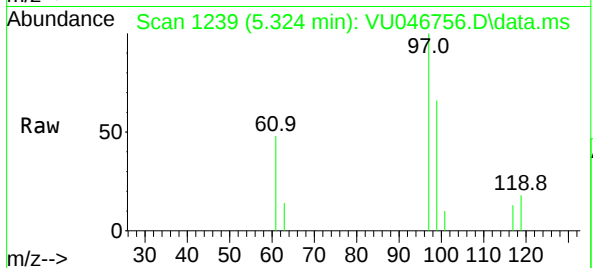
Tgt Ion: 97 Resp: 3058

Ion Ratio Lower Upper

97 100

99 61.6 51.3 76.9

61 40.5 36.1 54.1



#34

Trichloroethene

Concen: 6.068 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU046756.D

Acq: 13 Jan 2022 15:03

Tgt Ion: 95 Resp: 48262

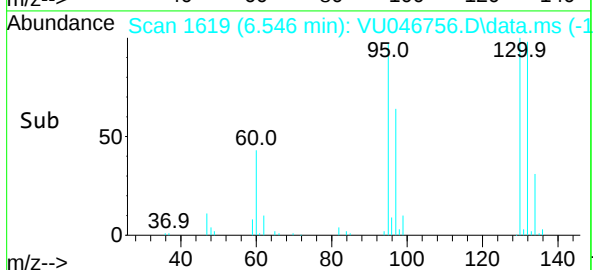
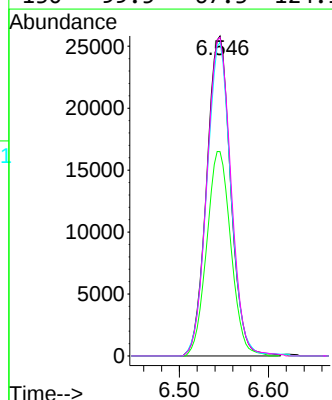
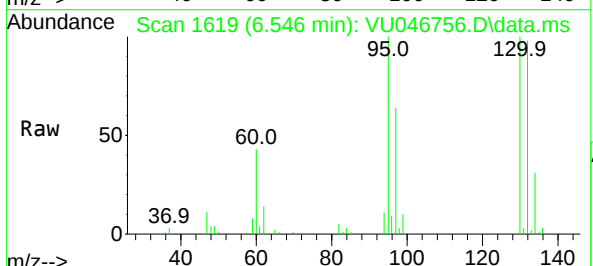
Ion Ratio Lower Upper

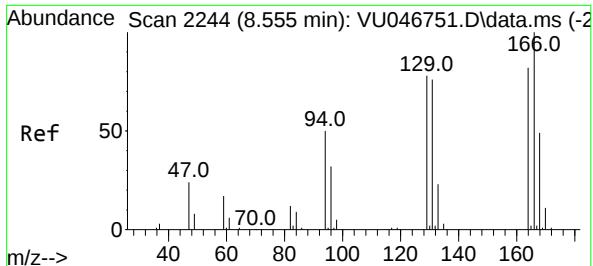
95 100

97 63.8 46.5 86.5

132 98.0 65.1 120.9

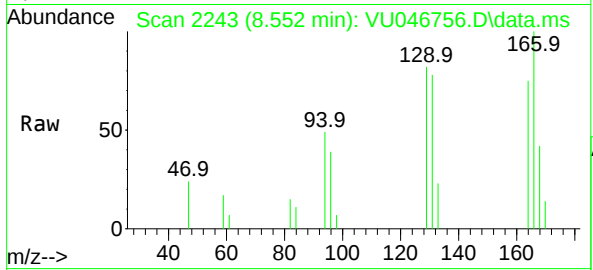
130 99.5 67.3 124.9





#47
 Tetrachloroethene
 Concen: 0.380 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU046756.D
 Acq: 13 Jan 2022 15:03

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW9DL



Tgt Ion:	164	Resp:	2140
Ion	Ratio	Lower	Upper
164	100		
129	109.4	71.8	133.4
131	104.2	68.5	127.3
166	133.1	94.1	174.8

