

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046937.D
 Acq On : 31 Jan 2022 23:35
 Operator : SY/MD
 Sample : N1328-09DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

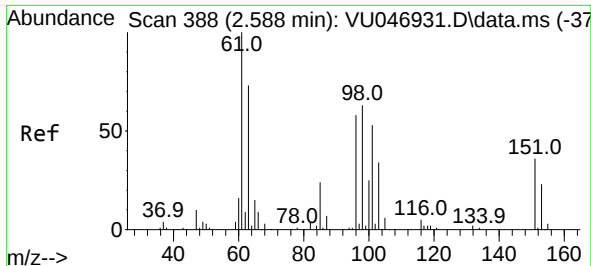
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HM8DL

Quant Time: Feb 01 03:02:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	106773	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	121046	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53209	5.881	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	117.600%	
7) Chloroethane-d5	1.919	69	41084	5.763	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	115.200%	
11) 1,1-Dichloroethene-d2	2.572	65	20281	5.635	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	112.800%	
20) 2-Butanone-d5	4.652	46	114069	42.558	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.120%	
24) Chloroform-d	5.070	84	78599	4.949	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
26) 1,2-Dichloroethane-d4	5.707	65	43603	5.041	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
32) Benzene-d6	5.732	84	156668	4.404	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.694	67	49259	4.612	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.899	98	121268	3.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.400%	
43) trans-1,3-Dichloroprop...	8.182	79	18748	3.997	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.000%	
46) 2-Hexanone-d5	8.639	63	106357	38.291	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.580%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45452	4.238	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	41957	4.598	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.585	96	2896	0.486	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	1939	0.179	ug/L #	78
22) cis-1,2-Dichloroethene	4.674	96	1611	0.236	ug/L #	86
29) 1,1,1-Trichloroethane	5.327	97	1025	0.094	ug/L #	82
34) Trichloroethene	6.543	95	3138	0.424	ug/L	94
47) Tetrachloroethene	8.555	164	28401	4.719	ug/L	94

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



#12

1,1-Dichloroethene

Concen: 0.486 ug/L

RT: 2.585 min Scan# 31

Delta R.T. -0.003 min

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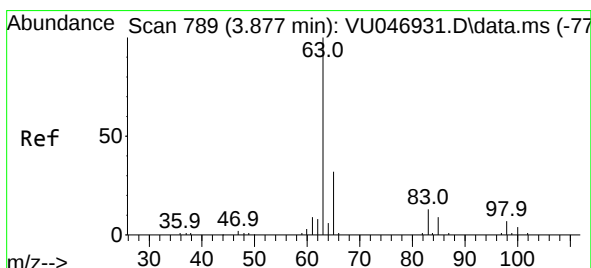
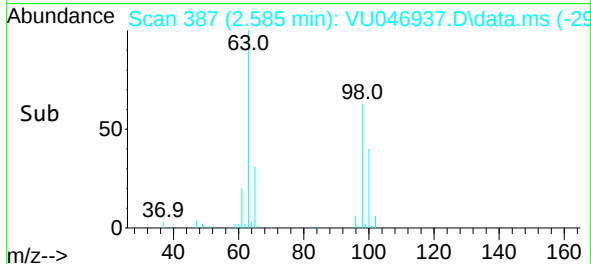
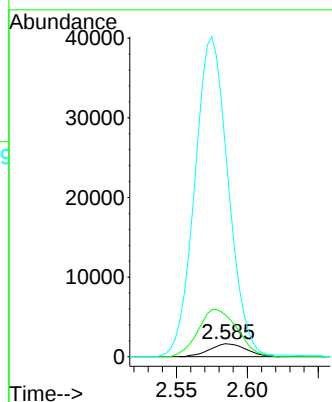
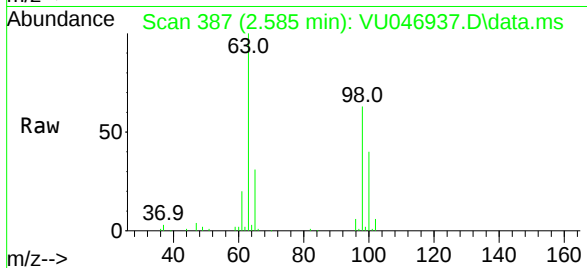
Tgt Ion: 96 Resp: 2896

Ion Ratio Lower Upper

96 100

61 322.7 124.7 231.5#

63 1608.4 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.179 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046937.D

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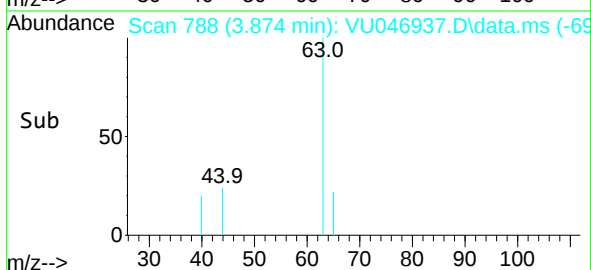
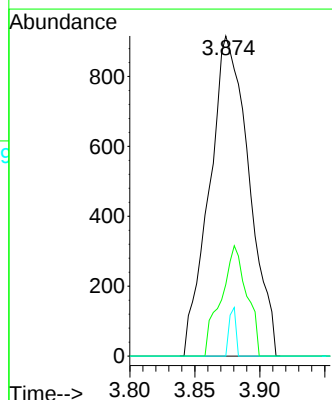
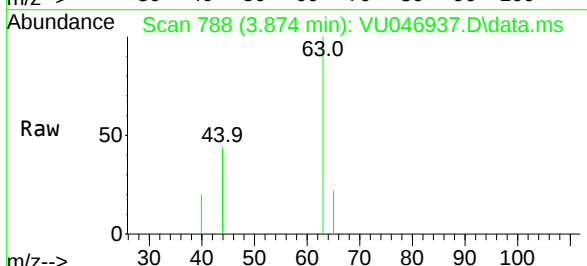
Tgt Ion: 63 Resp: 1939

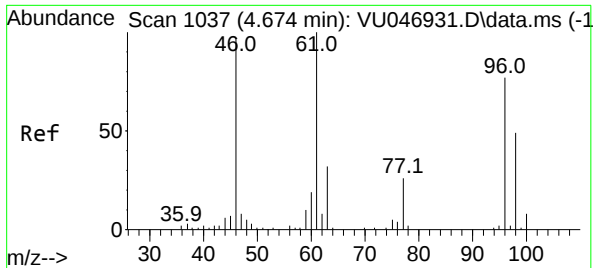
Ion Ratio Lower Upper

63 100

65 22.4 22.3 41.5

83 0.0 9.6 17.8#

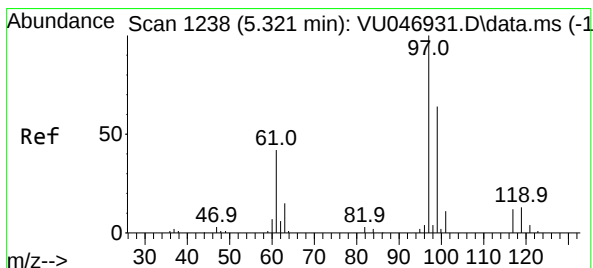
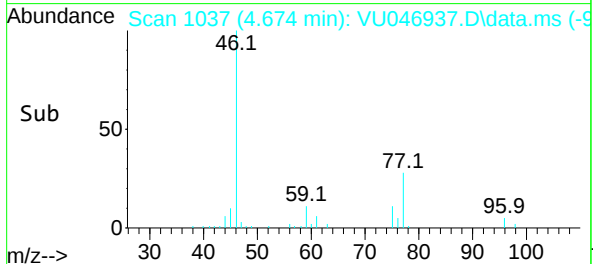
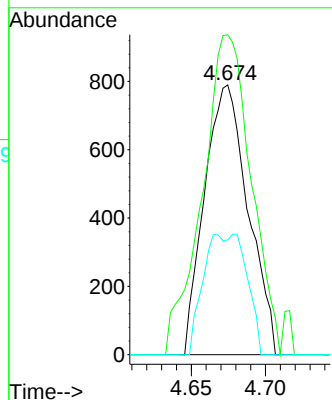
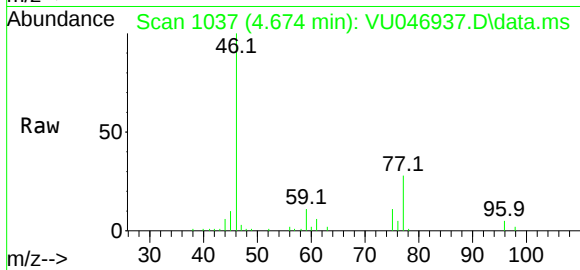




#22
 cis-1,2-Dichloroethene
 Concen: 0.236 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU046937.D
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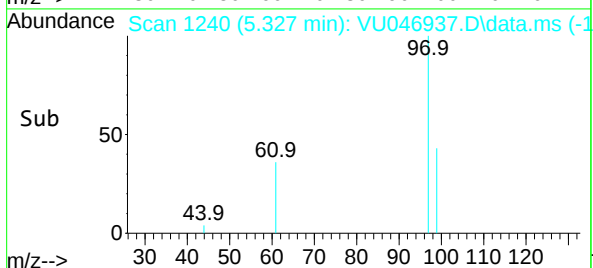
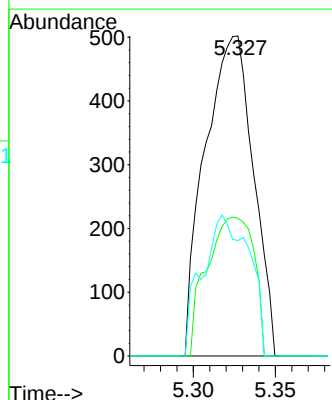
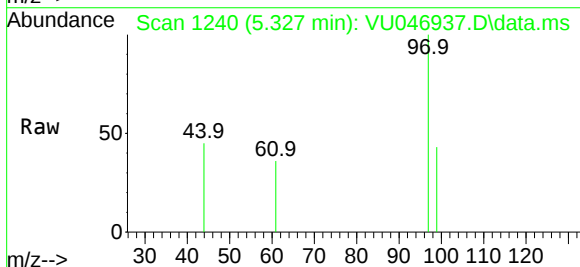
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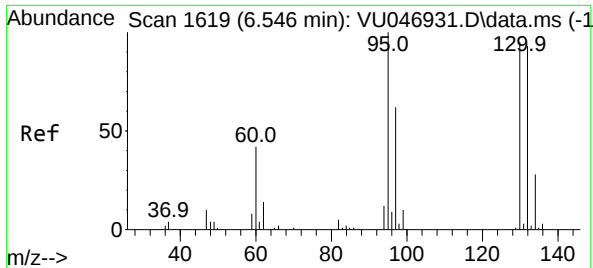
Tgt Ion: 96 Resp: 1611
 Ion Ratio Lower Upper
 96 100
 61 118.6 88.5 164.3
 98 42.5 44.4 82.5#



#29
 1,1,1-Trichloroethane
 Concen: 0.094 ug/L
 RT: 5.327 min Scan# 1240
 Delta R.T. 0.006 min
 Lab File: VU046937.D
 Acq: 31 Jan 2022 23:35

Tgt Ion: 97 Resp: 1025
 Ion Ratio Lower Upper
 97 100
 99 42.3 51.3 76.9#
 61 42.7 36.1 54.1



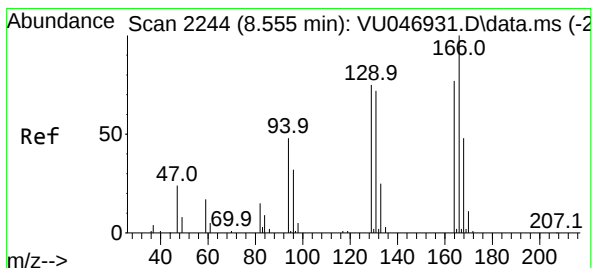
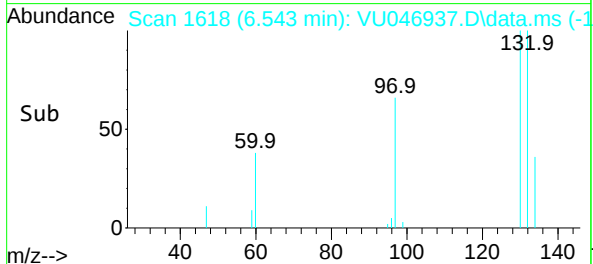
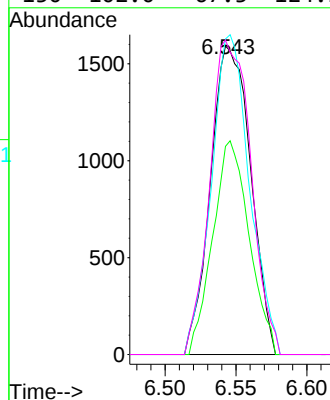
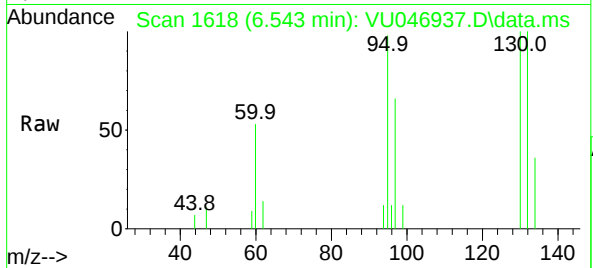


#34
Trichloroethene
Concen: 0.424 ug/L
RT: 6.543 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046937.D
Acq: 31 Jan 2022 23:35

Instrument :
MSVOA_U
ClientSampleId :
COHM8DL

Tgt Ion: 95 Resp: 3138

Ion	Ratio	Lower	Upper
95	100		
97	67.5	46.5	86.5
132	102.3	65.1	120.9
130	102.0	67.3	124.9



#47
Tetrachloroethene
Concen: 4.719 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046937.D
Acq: 31 Jan 2022 23:35

Tgt Ion: 164 Resp: 28401

Ion	Ratio	Lower	Upper
164	100		
129	98.8	71.8	133.4
131	93.1	68.5	127.3
166	123.1	94.1	174.8

