

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047385.D
 Acq On : 08 Mar 2022 12:42
 Operator : SY/MD
 Sample : N1773-12DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY19DL

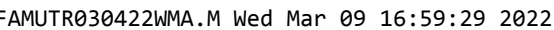
Quant Time: Mar 09 03:02:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

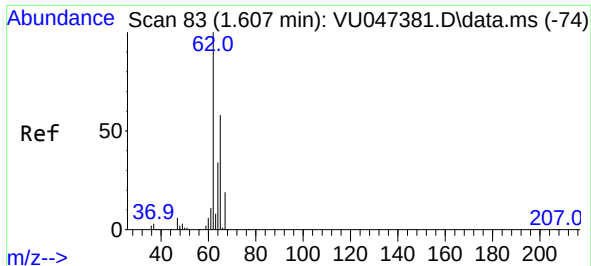
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	185444	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	184006	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	104845	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42343	3.217	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.919	69	44645	4.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.568	65	18940	3.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.649	46	235255	54.445	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.880%
24) Chloroform-d	5.067	84	106317	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.703	65	64191	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.729	84	206267	3.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.694	67	70878	4.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.899	98	178692	3.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.182	79	28678	4.043	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.648	63	201361	49.882	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.760%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	76157	4.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	88246	4.295	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
5) Vinyl chloride	1.607	62	2117	0.172	ug/L #	68
12) 1,1-Dichloroethene	2.581	96	28955	3.186	ug/L	92
17) Methyl tert-butyl Ether	3.372	73	3155	0.130	ug/L #	92
19) 1,1-Dichloroethane	3.874	63	6199	0.377	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	50164	4.668	ug/L	95
29) 1,1,1-Trichloroethane	5.317	97	11846	0.767	ug/L	96
34) Trichloroethene	6.542	95	74842	6.857	ug/L	93
47) Tetrachloroethene	8.552	164	70102	7.540	ug/L	90

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

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Response via : Initial Calibration

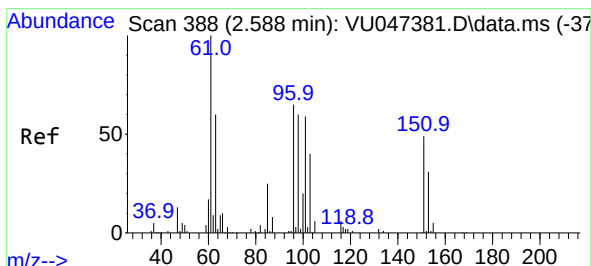
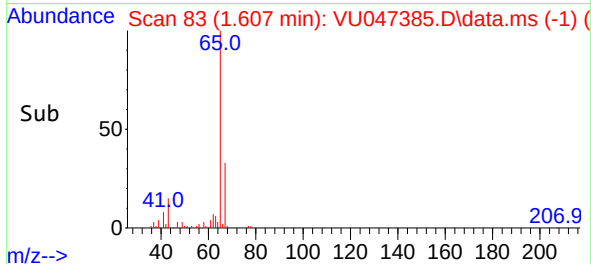
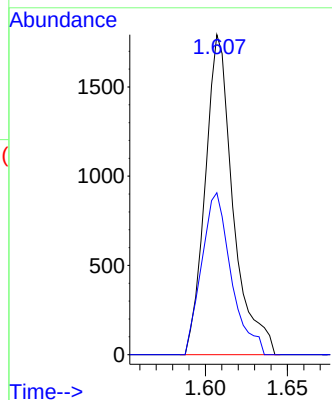
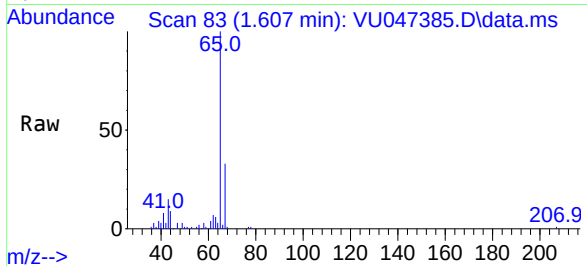




#5
 Vinyl chloride
 Concen: 0.172 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047385.D
 Acq: 08 Mar 2022 12:42

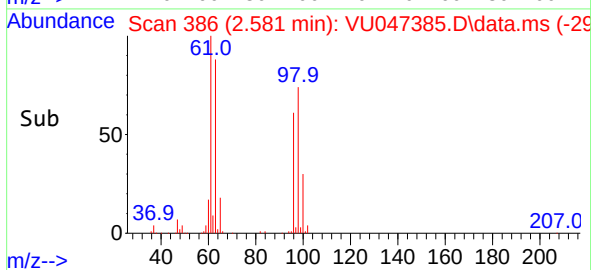
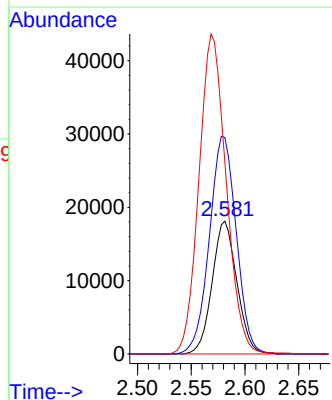
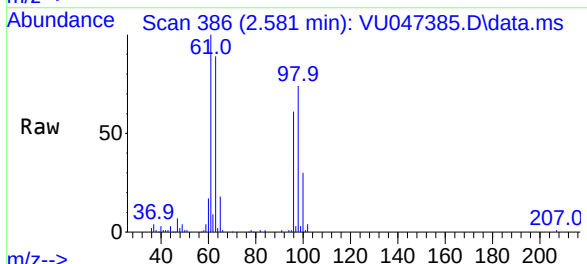
Instrument :
 MSVOA_U
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 BFY19DL

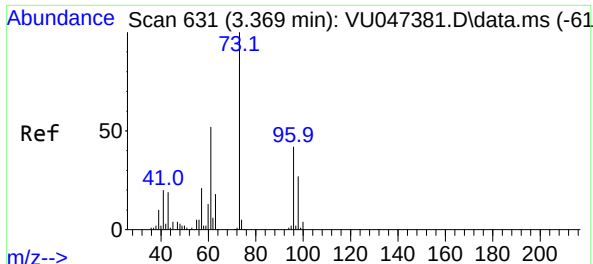
Tgt Ion: 62 Resp: 2117
 Ion Ratio Lower Upper
 62 100
 64 50.6 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 3.186 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU047385.D
 Acq: 08 Mar 2022 12:42

Tgt Ion: 96 Resp: 28955
 Ion Ratio Lower Upper
 96 100
 61 163.0 124.7 231.5
 63 144.5 105.2 195.4

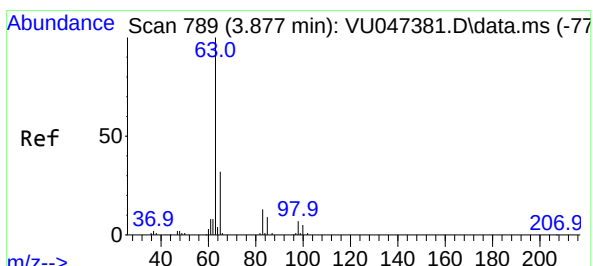
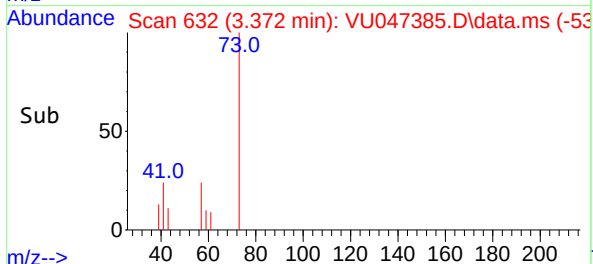
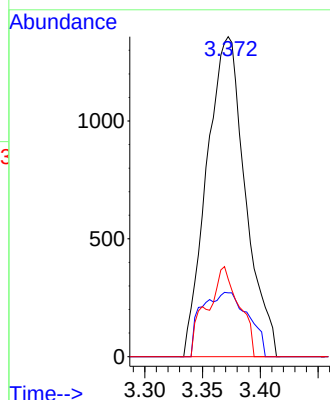
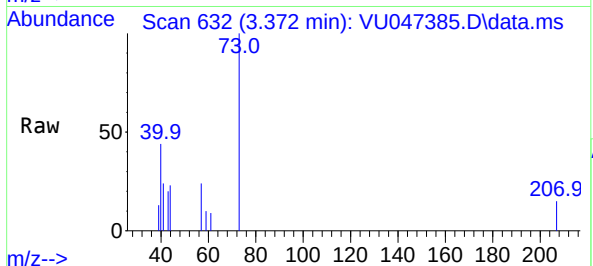




#17
Methyl tert-butyl Ether
Concen: 0.130 ug/L
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047385.D
Acq: 08 Mar 2022 12:42

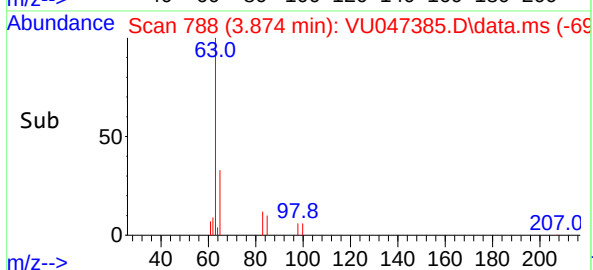
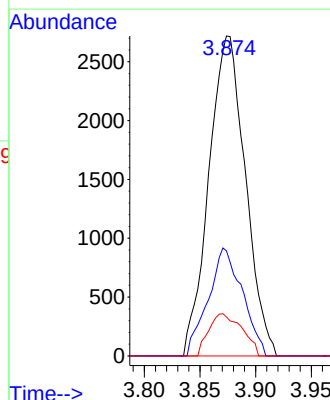
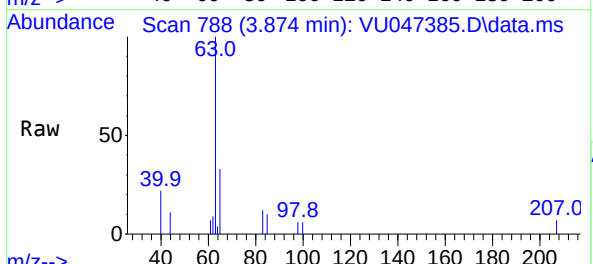
Instrument :
MSVOA_U
ClientSampleId :
BFY19DL

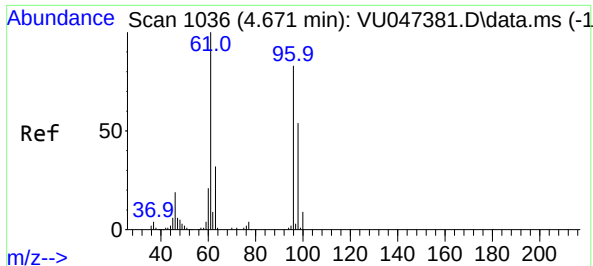
Tgt Ion: 73 Resp: 3155
Ion Ratio Lower Upper
73 100
43 24.2 14.8 22.2#
57 23.2 17.4 26.0



#19
1,1-Dichloroethane
Concen: 0.377 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU047385.D
Acq: 08 Mar 2022 12:42

Tgt Ion: 63 Resp: 6199
Ion Ratio Lower Upper
63 100
65 32.8 22.3 41.5
83 12.2 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 4.668 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047385.D

Acq: 08 Mar 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

BFY19DL

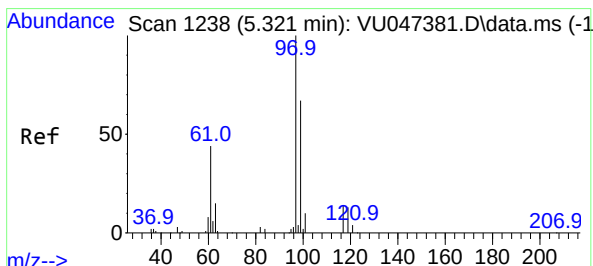
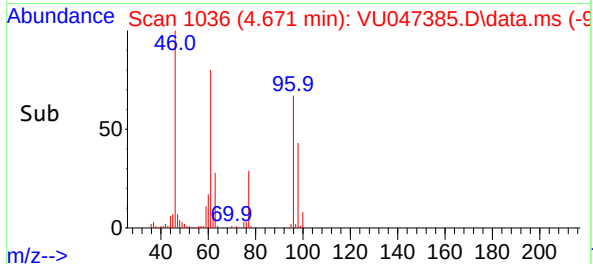
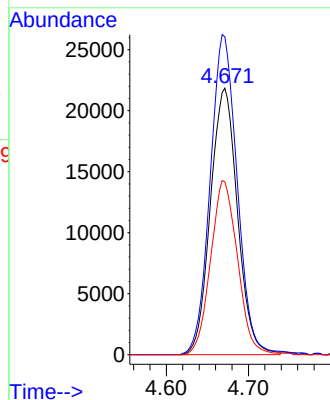
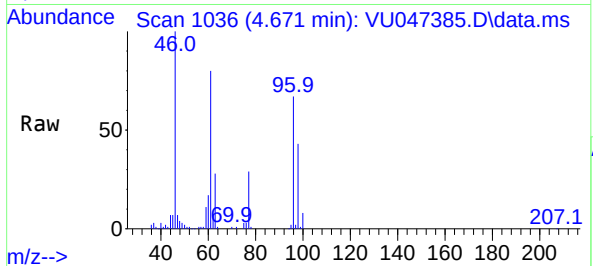
Tgt Ion: 96 Resp: 50164

Ion Ratio Lower Upper

96 100

61 119.3 88.5 164.3

98 64.9 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 0.767 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU047385.D

Acq: 08 Mar 2022 12:42

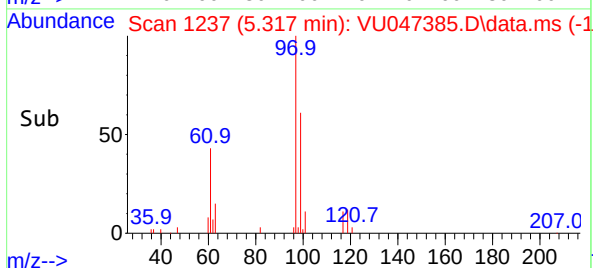
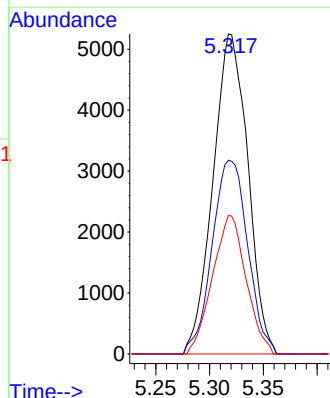
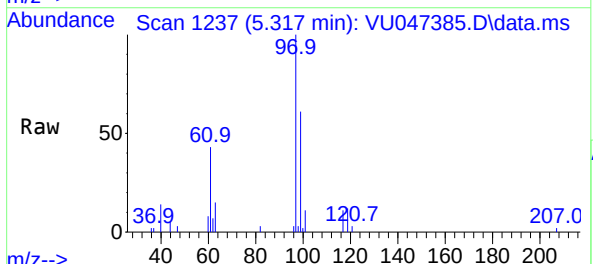
Tgt Ion: 97 Resp: 11846

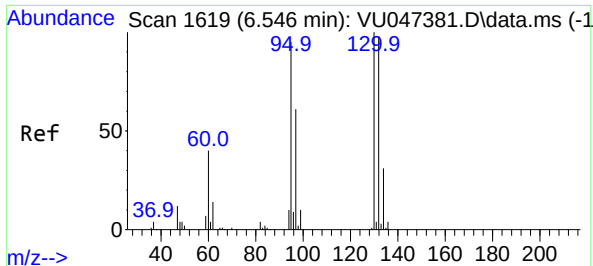
Ion Ratio Lower Upper

97 100

99 61.8 51.3 76.9

61 41.7 36.1 54.1



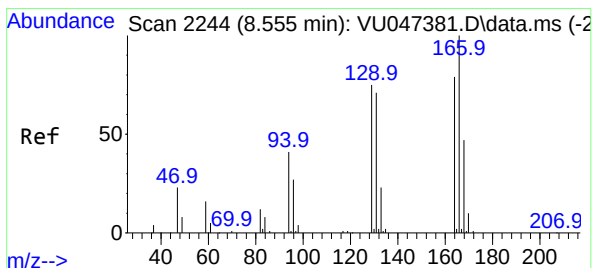
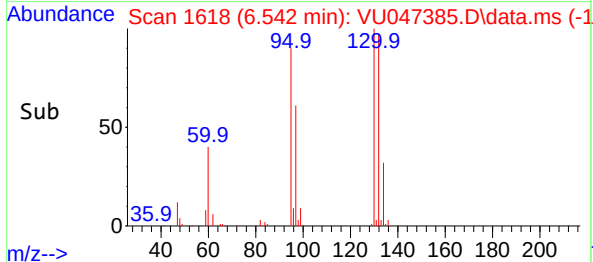
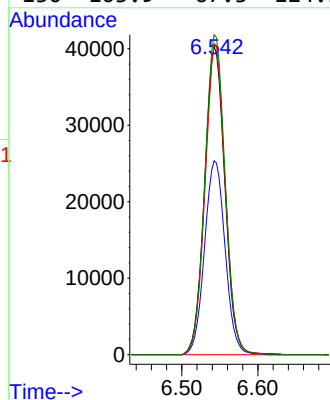
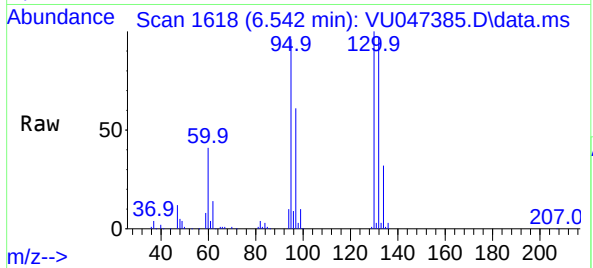


#34
Trichloroethene
Concen: 6.857 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU047385.D
Acq: 08 Mar 2022 12:42

Instrument :
MSVOA_U
ClientSampleId :
BFY19DL

Tgt Ion: 95 Resp: 74842

Ion	Ratio	Lower	Upper
95	100		
97	63.0	46.5	86.5
132	100.9	65.1	120.9
130	103.9	67.3	124.9



#47
Tetrachloroethene
Concen: 7.540 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU047385.D
Acq: 08 Mar 2022 12:42

Tgt Ion: 164 Resp: 70102

Ion	Ratio	Lower	Upper
164	100		
129	91.3	71.8	133.4
131	87.3	68.5	127.3
166	125.5	94.1	174.8

