

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045825.D
 Acq On : 16 Nov 2021 22:26
 Operator : SY/MD
 Sample : M4686-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

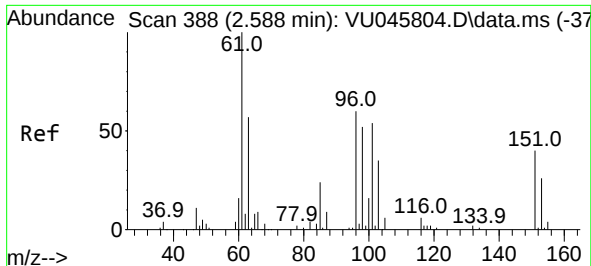
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 04:54:39 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	98280	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	103529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	45845	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	22526	2.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.800%
7) Chloroethane-d5	1.919	69	20181	3.560	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.571	65	10256	3.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	4.645	46	104261	49.965	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.920%
24) Chloroform-d	5.066	84	45559	3.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.200%
26) 1,2-Dichloroethane-d4	5.706	65	30476	4.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
32) Benzene-d6	5.732	84	98241	3.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.000%#
36) 1,2-Dichloropropane-d6	6.693	67	33091	3.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.600%
41) Toluene-d8	7.902	98	82538	3.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.000%#
43) trans-1,3-Dichloroprop...	8.179	79	13056	3.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.635	63	71810	43.739	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32006	4.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	34066	4.328	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	263	0.041	ug/L #	21
22) cis-1,2-Dichloroethene	4.671	96	667	0.094	ug/L	94
34) Trichloroethene	6.546	95	6713	0.902	ug/L	96
35) Methylcyclohexane	6.693	83	7644	0.669	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	3561	0.468	ug/L #	88
47) Tetrachloroethene	8.558	164	2580	0.495	ug/L	94
49) Dibromochloromethane	8.555	129	2493	0.388	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5955	1.251	ug/L #	65

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.041 ug/L

RT: 2.571 min Scan# 31

Delta R.T. -0.016 min

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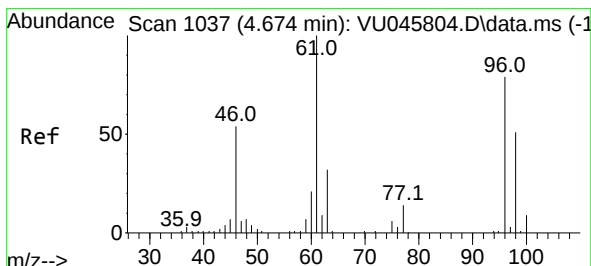
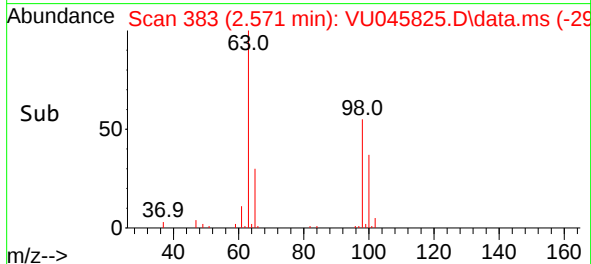
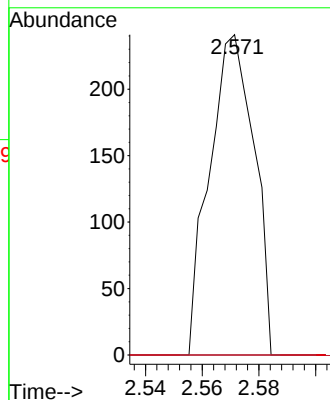
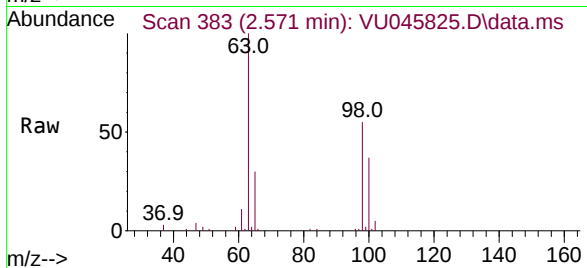
Tgt Ion:101 Resp: 263

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#



#22

cis-1,2-Dichloroethene

Concen: 0.094 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU045825.D

Acq: 16 Nov 2021 22:26

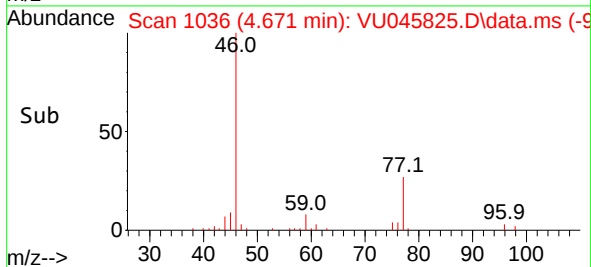
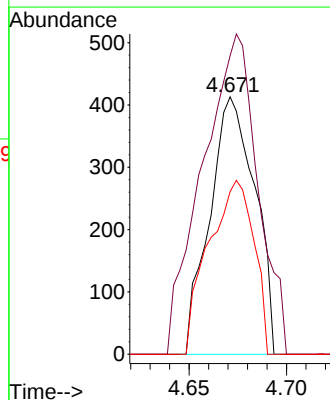
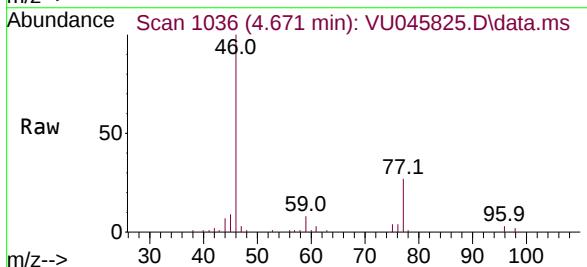
Tgt Ion: 96 Resp: 667

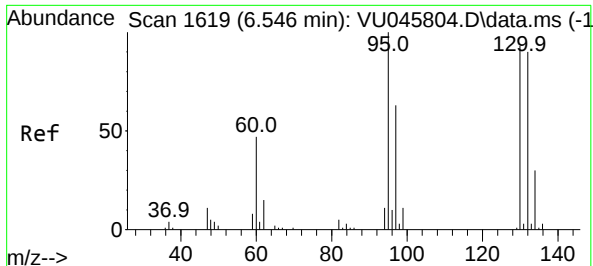
Ion Ratio Lower Upper

96 100

61 116.0 88.5 164.3

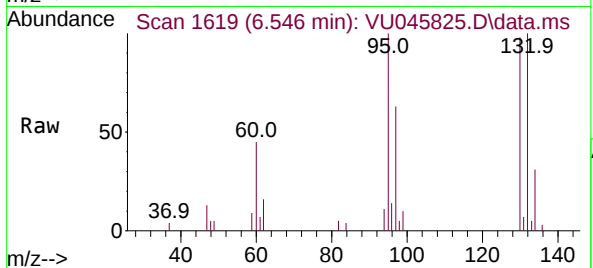
98 63.2 44.4 82.5





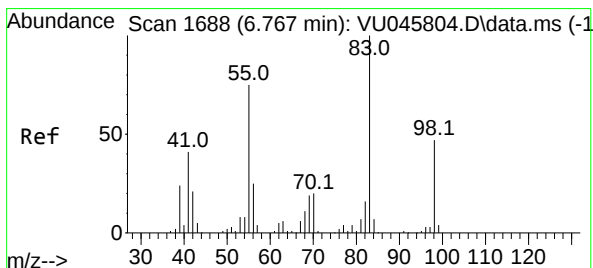
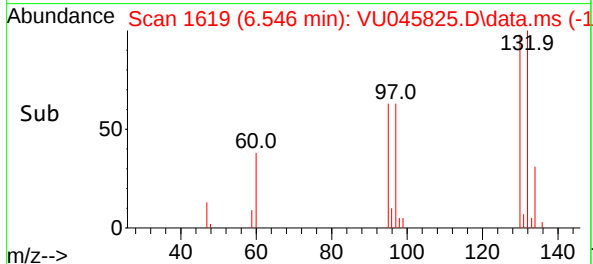
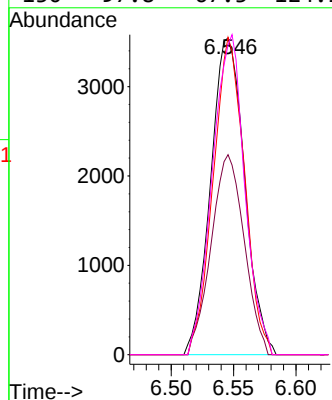
#34
Trichloroethene
Concen: 0.902 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VU045825.D
Acq: 16 Nov 2021 22:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 6713

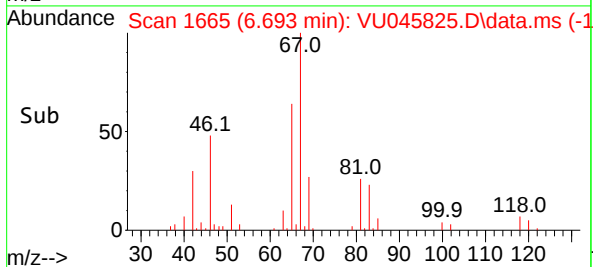
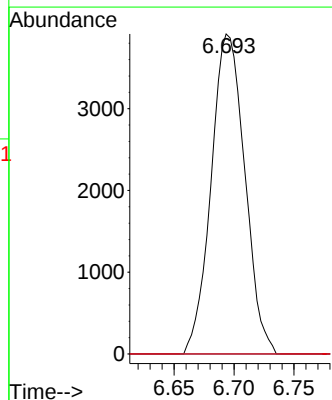
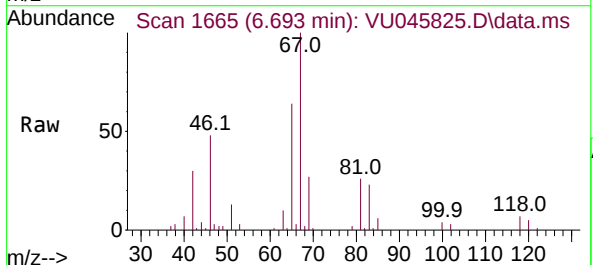
Ion	Ratio	Lower	Upper
95	100		
97	63.2	46.5	86.5
132	100.2	65.1	120.9
130	97.8	67.3	124.9

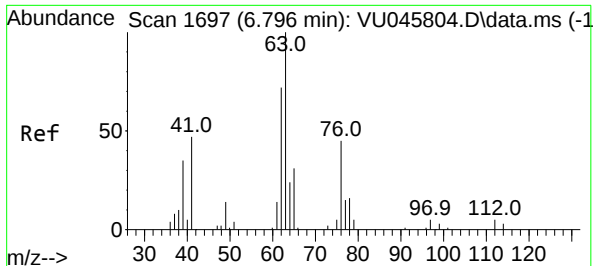


#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045825.D
Acq: 16 Nov 2021 22:26

Tgt Ion: 83 Resp: 7644

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	1.2	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU045825.D

Acq: 16 Nov 2021 22:26

Instrument :

MSVOA_U

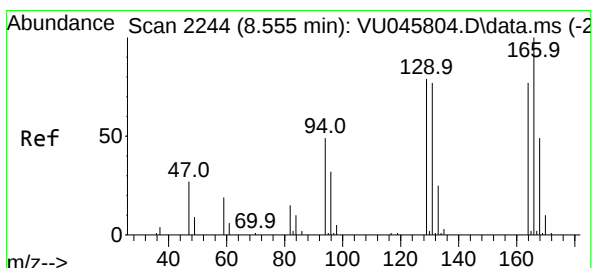
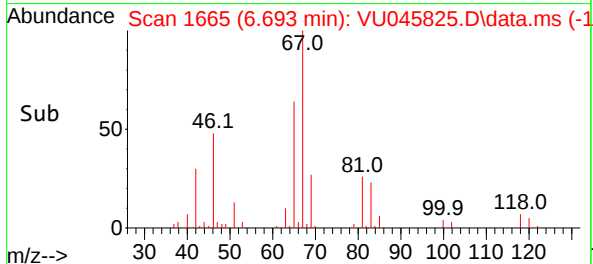
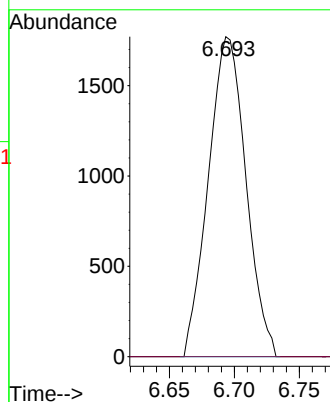
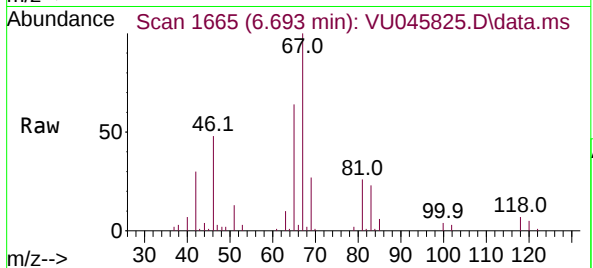
ClientSampleId :

Tgt Ion: 63 Resp: 3561

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.495 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.003 min

Lab File: VU045825.D

Acq: 16 Nov 2021 22:26

Tgt Ion: 164 Resp: 2580

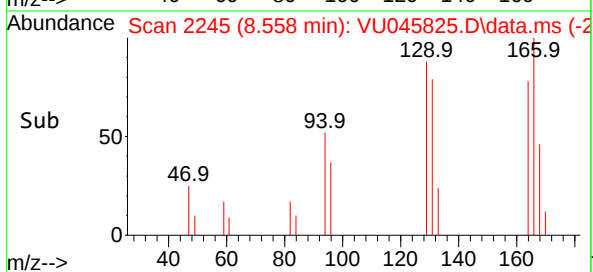
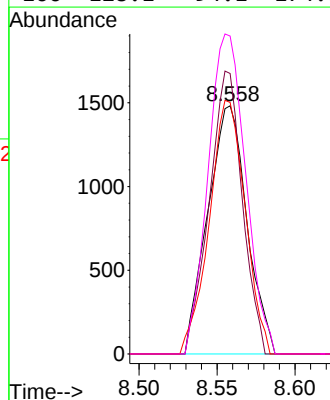
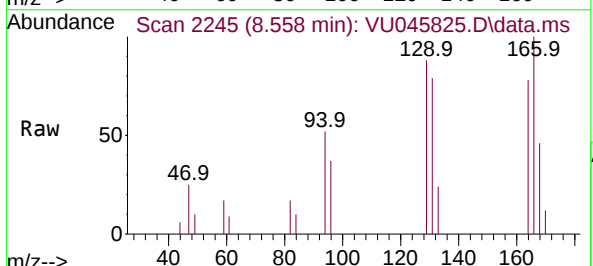
Ion Ratio Lower Upper

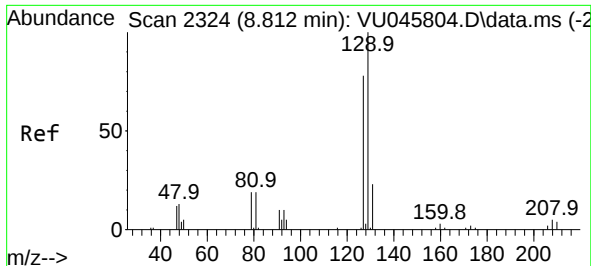
164 100

129 113.0 71.8 133.4

131 101.3 68.5 127.3

166 128.1 94.1 174.8





#49

Dibromochloromethane

Concen: 0.388 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU045825.D

Acq: 16 Nov 2021 22:26

Instrument :

MSVOA_U

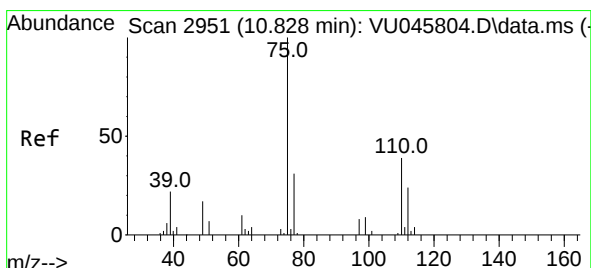
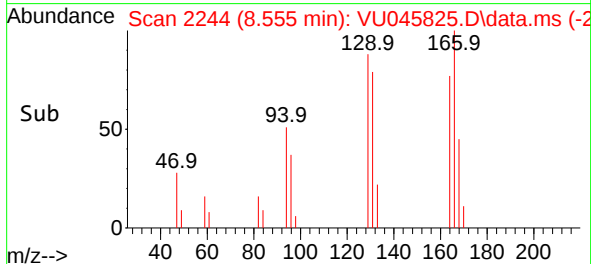
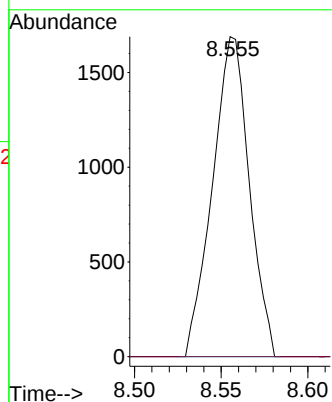
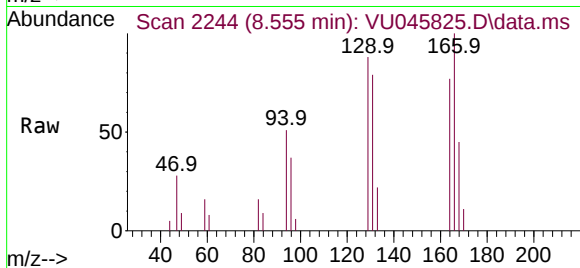
ClientSampleId :

Tgt Ion:129 Resp: 2493

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.251 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.984 min

Lab File: VU045825.D

Acq: 16 Nov 2021 22:26

Tgt Ion: 75 Resp: 5955

Ion Ratio Lower Upper

75 100

110 1.1 29.9 44.9#

77 35.1 25.5 38.3

