

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047725.D
 Acq On : 28 Mar 2022 14:22
 Operator : SY/MD
 Sample : N2082-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

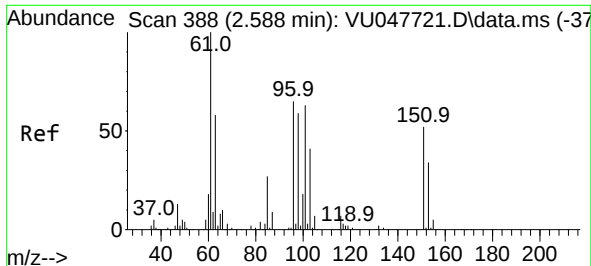
Quant Time: Mar 29 01:44:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 29 01:43:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	298268	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	310723	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	165735	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	82149	37.980	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.960%
7) Chloroethane-d5	1.919	69	74916	43.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.860%
11) 1,1-Dichloroethene-d2	2.572	63	121140	30.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.220%
21) 2-Butanone-d5	4.639	46	234614	126.375	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.370%
24) Chloroform-d	5.067	84	193968	49.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.020%
26) 1,2-Dichloroethane-d4	5.703	65	131351	54.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.220%
32) Benzene-d6	5.729	84	382376	48.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.820%
36) 1,2-Dichloropropane-d6	6.694	67	127588	53.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.280%
41) Toluene-d8	7.899	98	341310	44.805	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.179	79	58863	48.388	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.780%
47) 2-Hexanone-d5	8.636	63	167867	119.423	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.420%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	216743	52.597	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	153936	52.207	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.420%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1311	0.596	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	1069	0.522	ug/L #	1
35) Methylcyclohexane	6.694	83	30135	8.401	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	13828	6.048	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3622	1.021	ug/L #	57
44) trans-1,3-Dichloropropene	8.182	75	2642	0.746	ug/L	91
48) 2-Hexanone	8.636	43	18888	6.076	ug/L #	67

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

Quant Time: Mar 29 01:44:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 29 01:43:13 2022
Response via : Initial Calibration

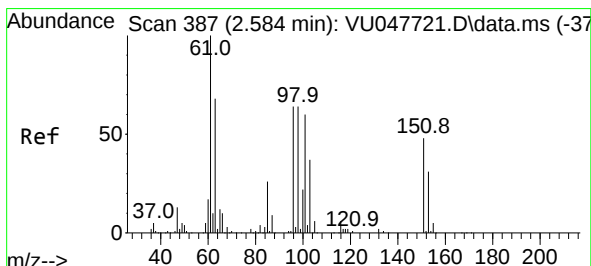
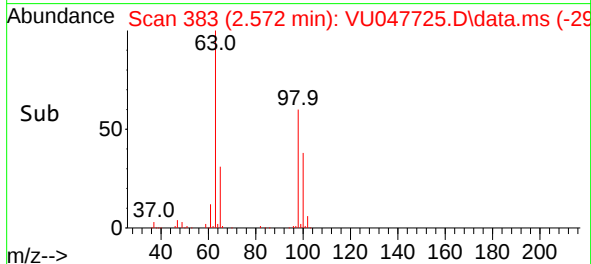
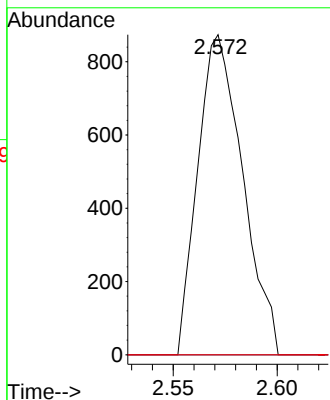
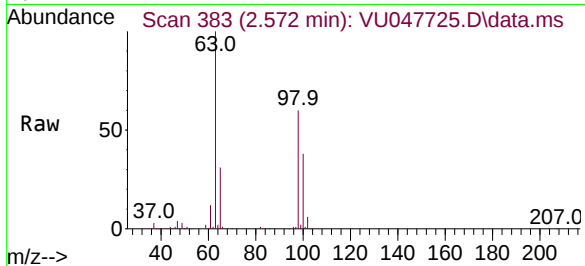




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.596 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU047725.D
Acq: 28 Mar 2022 14:22

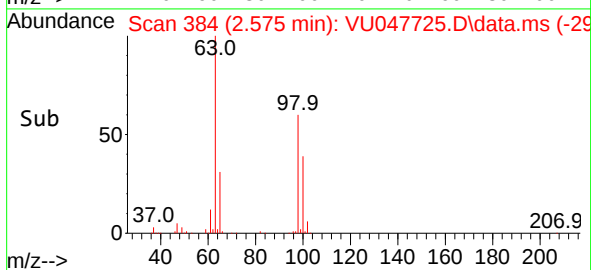
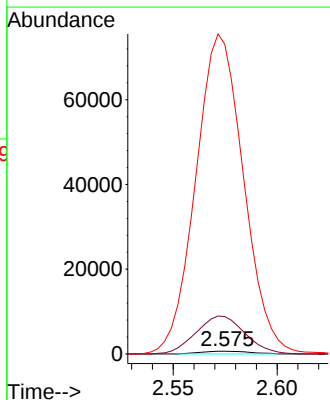
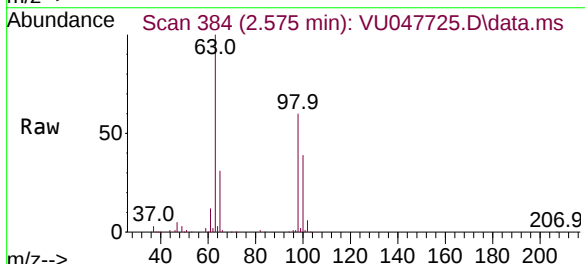
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

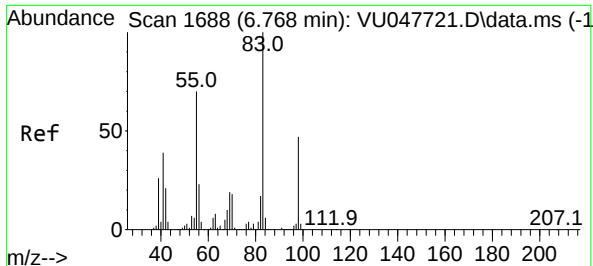
Tgt Ion:101 Resp: 1311
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.522 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU047725.D
Acq: 28 Mar 2022 14:22

Tgt Ion: 96 Resp: 1069
Ion Ratio Lower Upper
96 100
61 1397.5 113.1 210.1#
63 11568.4 94.8 176.0#

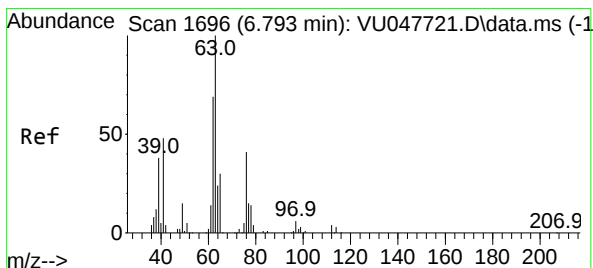
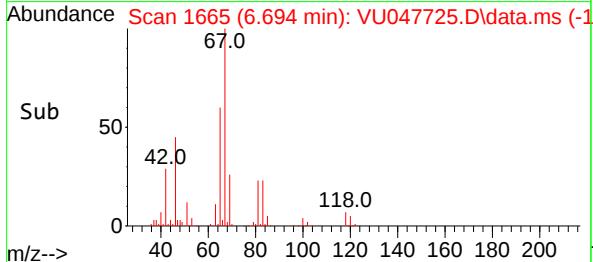
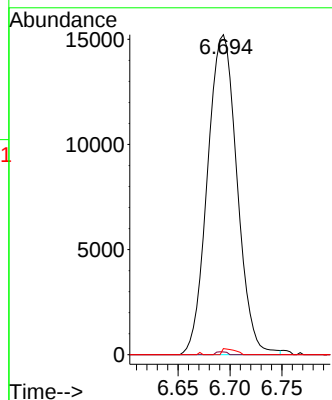
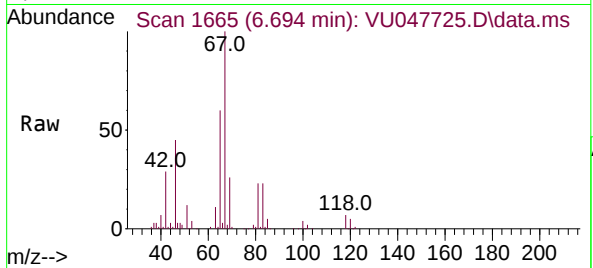




#35
Methylcyclohexane
Concen: 8.401 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047725.D
Acq: 28 Mar 2022 14:22

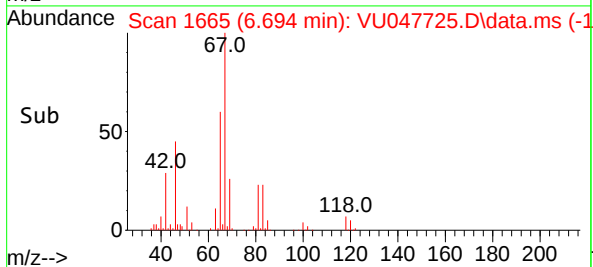
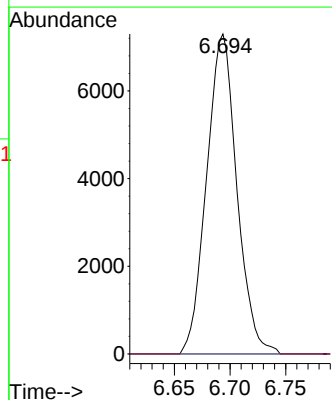
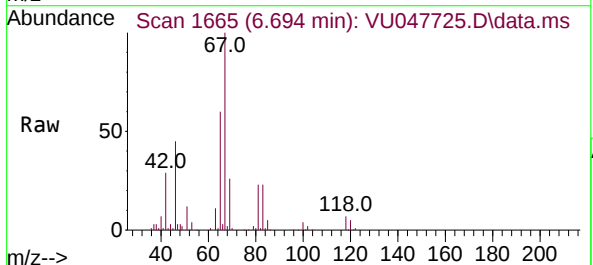
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

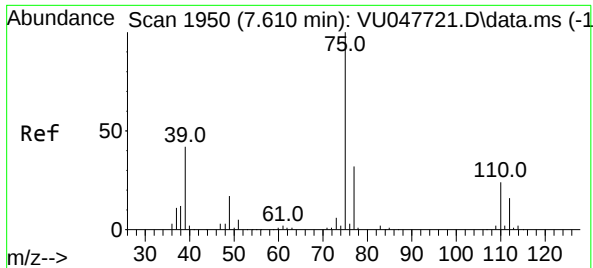
Tgt Ion: 83 Resp: 30135
Ion Ratio Lower Upper
83 100
55 0.3 56.8 85.2#
98 0.8 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 6.048 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047725.D
Acq: 28 Mar 2022 14:22

Tgt Ion: 63 Resp: 13828
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 1.021 ug/L

RT: 7.568 min Scan# 19

Delta R.T. -0.042 min

Lab File: VU047725.D

Acq: 28 Mar 2022 14:22

Instrument :

MSVOA_U

ClientSampleId :

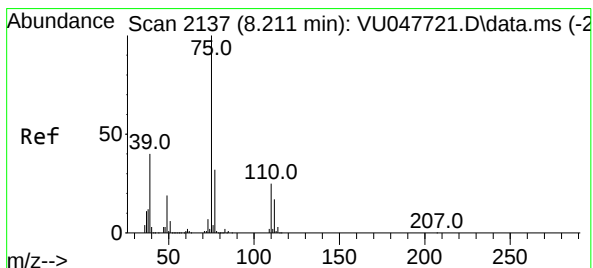
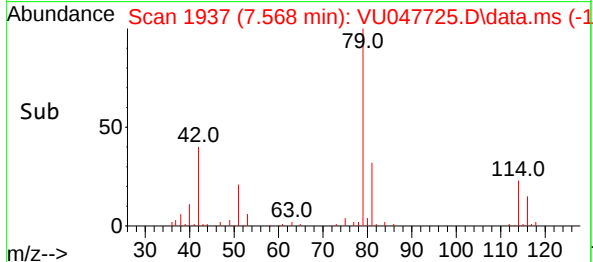
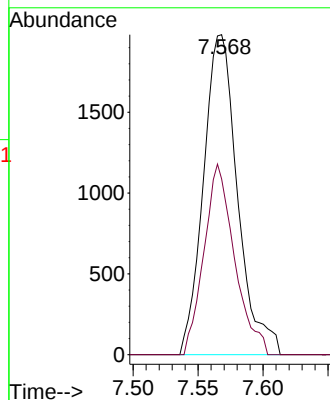
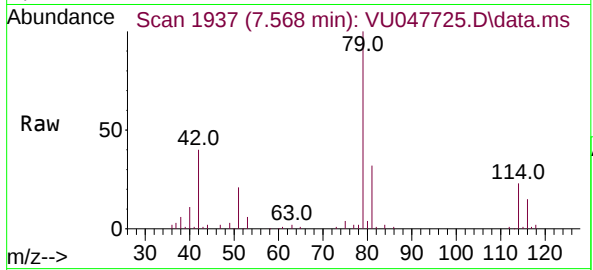
VHBLK001

Tgt Ion: 75 Resp: 3622

Ion Ratio Lower Upper

75 100

77 54.9 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.746 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU047725.D

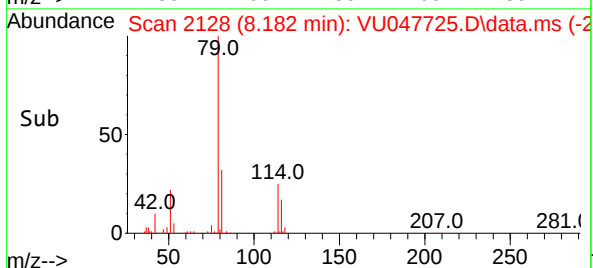
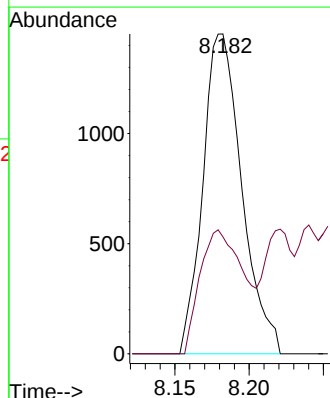
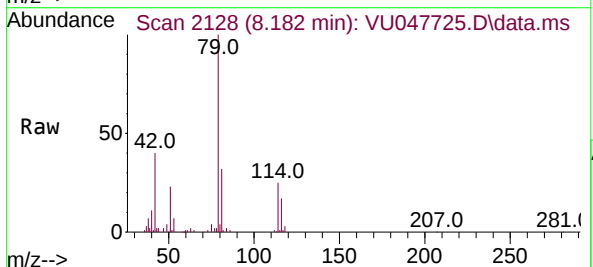
Acq: 28 Mar 2022 14:22

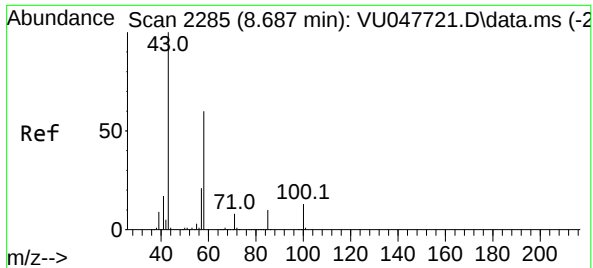
Tgt Ion: 75 Resp: 2642

Ion Ratio Lower Upper

75 100

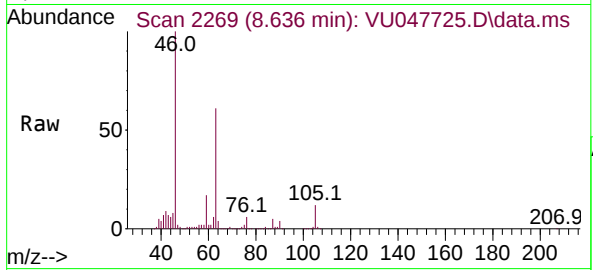
77 36.6 22.0 40.8





#48
 2-Hexanone
 Concen: 6.076 ug/L
 RT: 8.636 min Scan# 21
 Delta R.T. -0.051 min
 Lab File: VU047725.D
 Acq: 28 Mar 2022 14:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001



Tgt Ion: 43 Resp: 18888

Ion	Ratio	Lower	Upper
43	100		
58	32.4	48.1	72.1#
57	30.0	16.2	24.4#
100	0.5	11.2	16.8#

