

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072922\
 Data File : VU050033.D
 Acq On : 29 Jul 2022 13:52
 Operator : SY/MD
 Sample : N3922-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

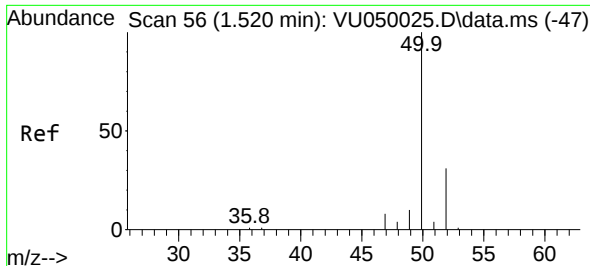
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 30 01:42:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 30 01:40:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85151	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	85566	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33635	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28295	3.870	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.400%	
7) Chloroethane-d5	1.912	69	24390	4.644	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.562	65	10826	4.296	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.000%	
20) 2-Butanone-d5	4.658	46	74732	45.919	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.840%	
24) Chloroform-d	5.063	84	57468	4.750	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.706	65	29882	4.902	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.726	84	109421	4.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	6.693	67	39153	4.727	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.896	98	85098	3.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.800%	
43) trans-1,3-Dichloroprop...	8.182	79	13143	4.527	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.642	63	47720	43.910	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.820%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35295	5.071	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	29123	4.668	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1469	0.189	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	303	0.060	ug/L #	21
35) Methylcyclohexane	6.693	83	8975	1.121	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	3922	0.570	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	849	0.095	ug/L #	66
48) 2-Hexanone	8.693	43	18747	6.184	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	3799	0.973	ug/L #	67

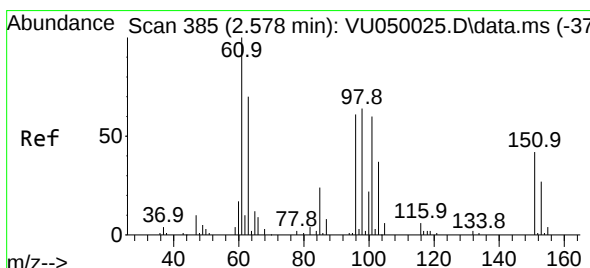
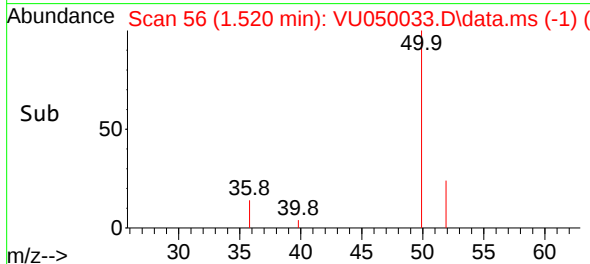
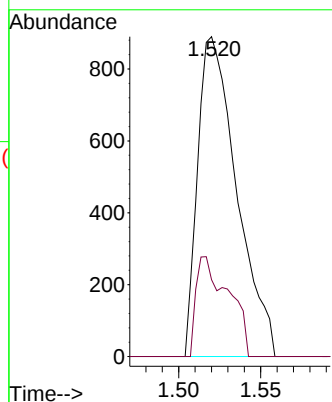
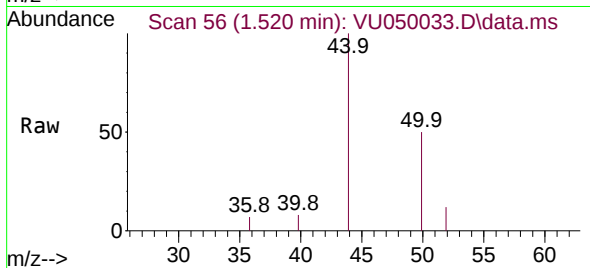
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.189 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050033.D
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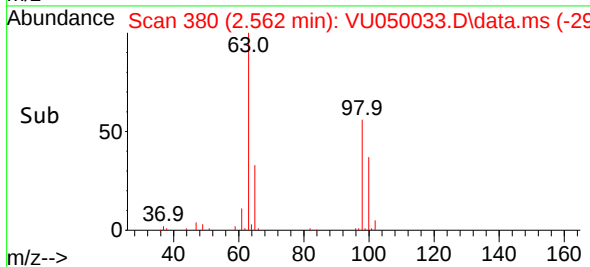
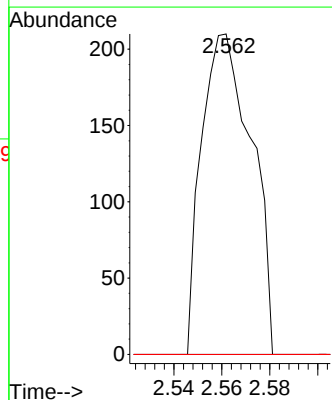
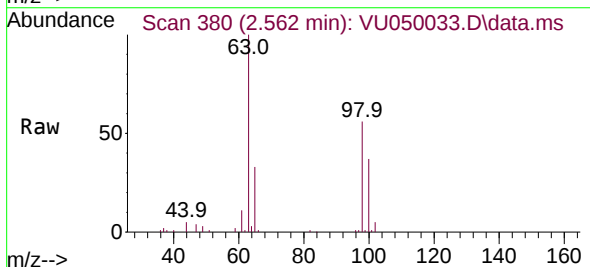
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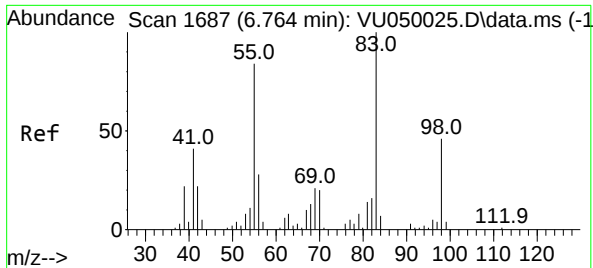
Tgt Ion: 50 Resp: 1469
Ion Ratio Lower Upper
50 100
52 24.0 22.4 41.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU050033.D
Acq: 29 Jul 2022 13:52

Tgt Ion: 101 Resp: 303
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#

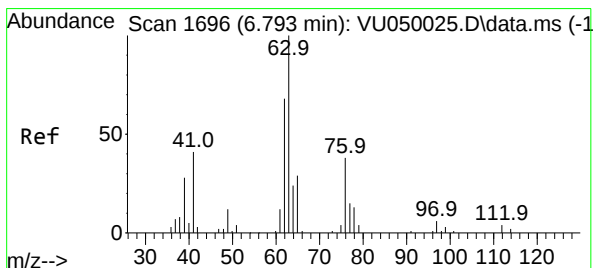
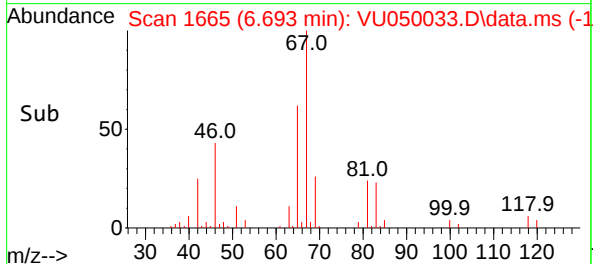
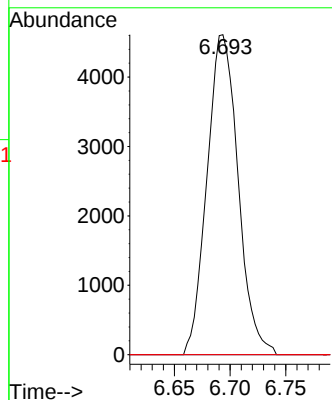
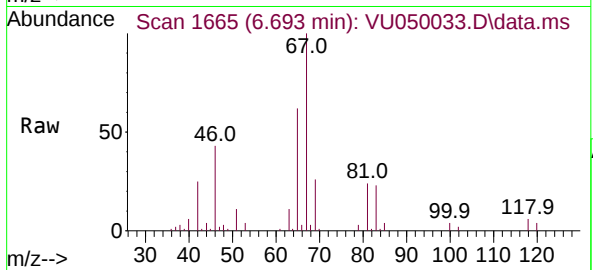




#35
Methylcyclohexane
Concen: 1.121 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050033.D
Acq: 29 Jul 2022 13:52

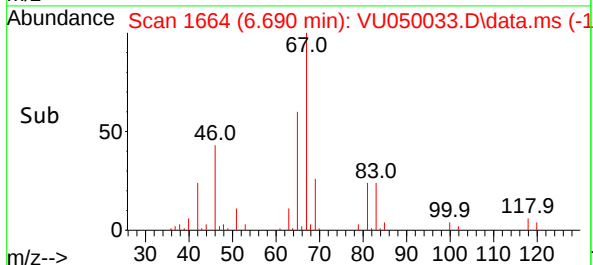
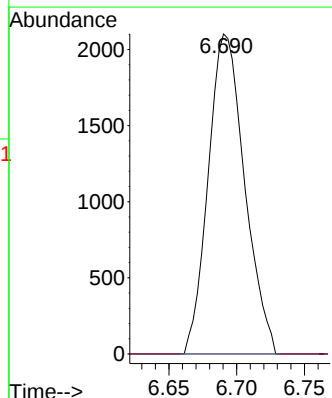
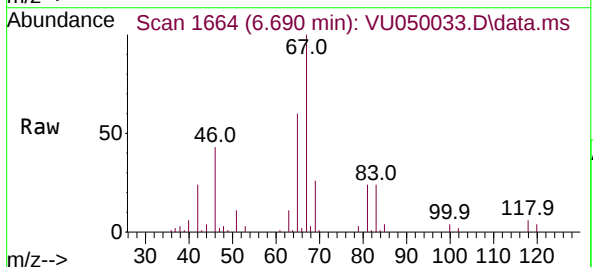
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

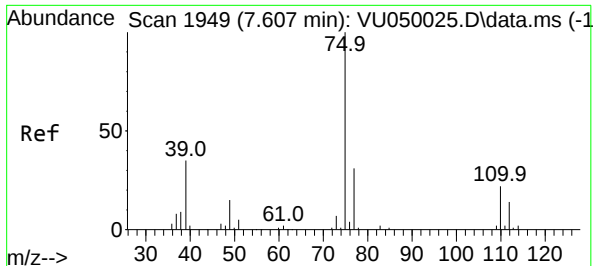
Tgt Ion: 83 Resp: 8975
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 0.0 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU050033.D
Acq: 29 Jul 2022 13:52

Tgt Ion: 63 Resp: 3922
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.571 min Scan# 1949

Delta R.T. -0.036 min

Lab File: VU050033.D

Acq: 29 Jul 2022 13:52

Instrument :

MSVOA_U

ClientSampleId :

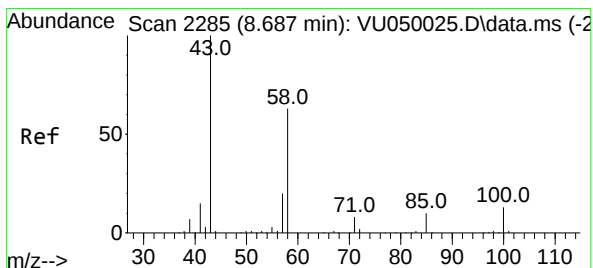
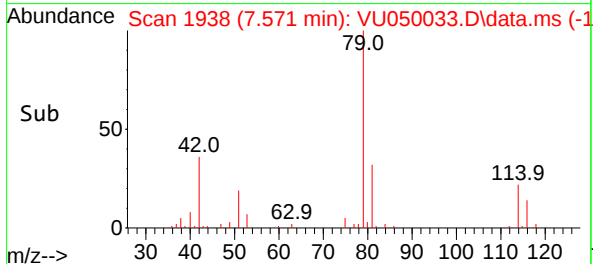
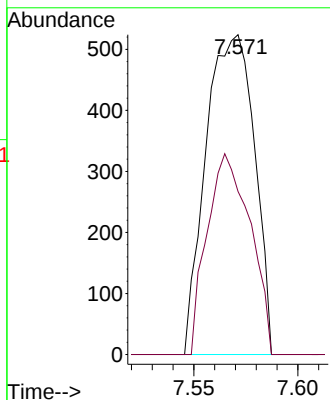
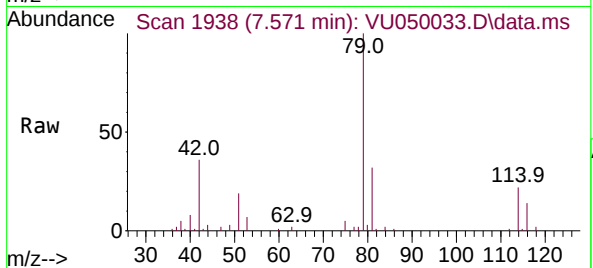
VHBLK001

Tgt Ion: 75 Resp: 849

Ion Ratio Lower Upper

75 100

77 51.0 22.5 41.9#



#48

2-Hexanone

Concen: 6.184 ug/L

RT: 8.693 min Scan# 2287

Delta R.T. 0.006 min

Lab File: VU050033.D

Acq: 29 Jul 2022 13:52

Tgt Ion: 43 Resp: 18747

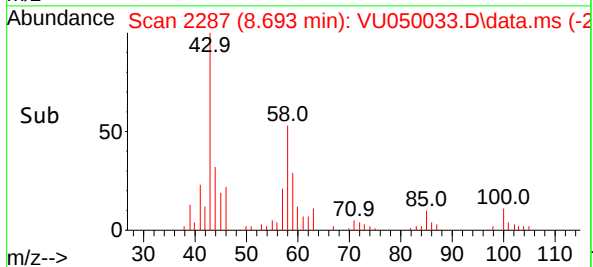
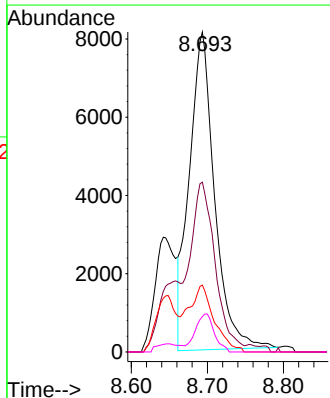
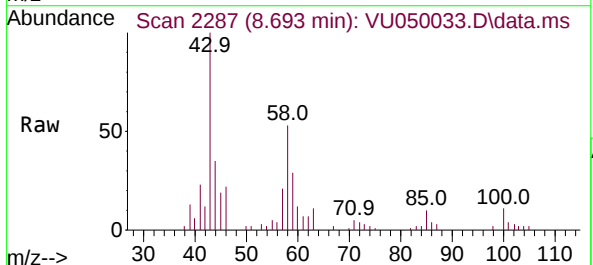
Ion Ratio Lower Upper

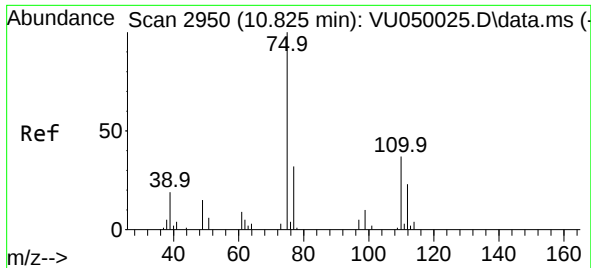
43 100

58 48.7 49.4 74.0#

57 21.3 17.0 25.4

100 8.9 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 0.973 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050033.D
 Acq: 29 Jul 2022 13:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 3799
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.1 42.1#
 77 32.5 24.7 37.1

