

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051571.D
 Acq On : 28 Oct 2022 16:39
 Operator : JC/MD
 Sample : VU1028WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 22:52:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:38:21 2022
 Response via : Initial Calibration

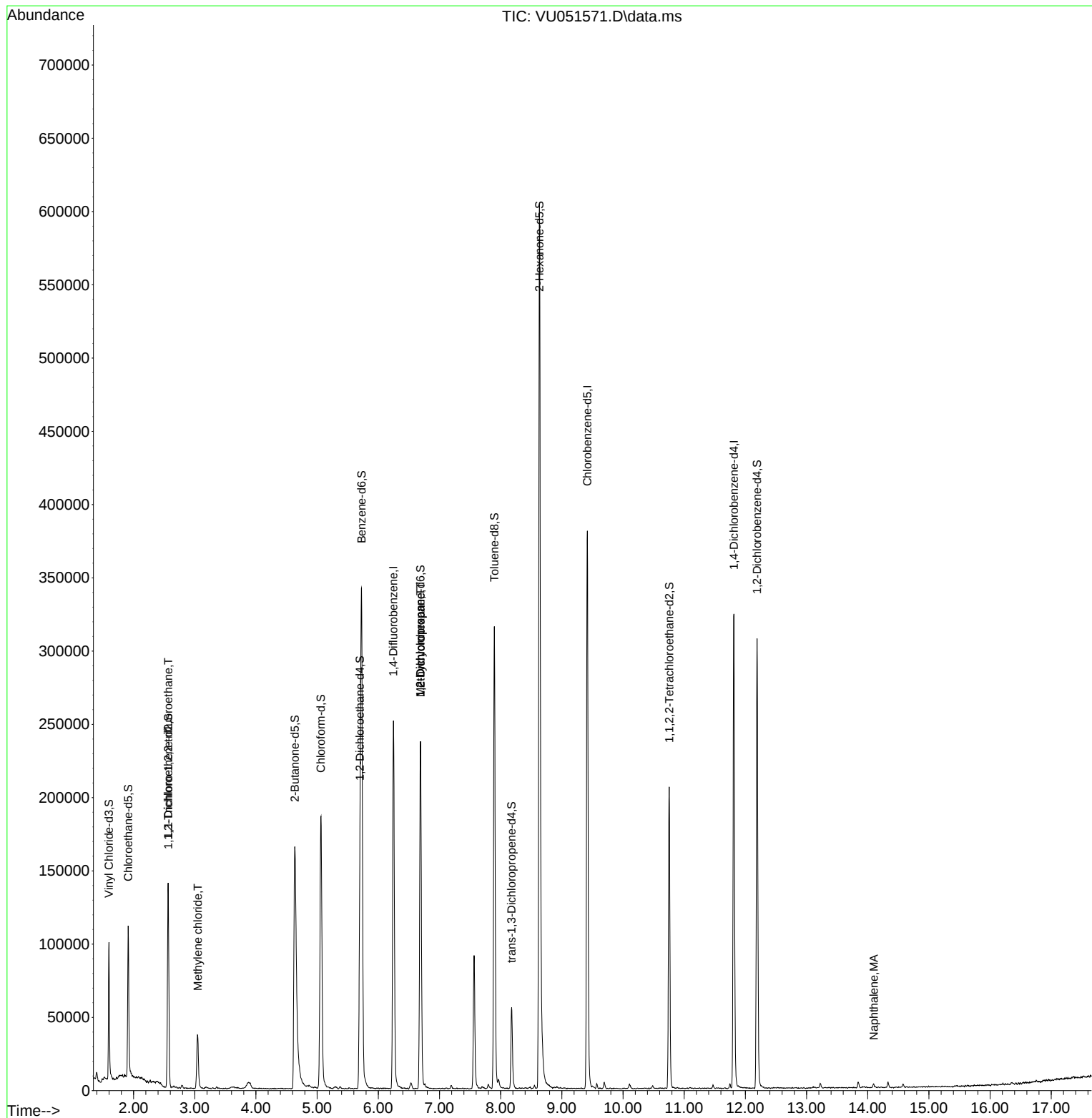
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	212369	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	223032	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71421	4.465	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.400%	
7) Chloroethane-d5	1.912	69	79801	4.784	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.565	65	26242	4.521	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.400%	
20) 2-Butanone-d5	4.636	46	301678	52.080	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.160%	
24) Chloroform-d	5.060	84	179172	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.700	65	98780	4.886	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.726	84	325880	4.630	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
36) 1,2-Dichloropropane-d6	6.690	67	119615	4.860	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.896	98	225799	4.080	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	8.179	79	32855	4.366	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.400%	
46) 2-Hexanone-d5	8.632	63	212056	46.811	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.620%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	105070	4.659	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	86043	5.112	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1091	0.060	ug/L #	24
16) Methylene chloride	3.047	84	19240	0.636	ug/L	95
35) Methylcyclohexane	6.690	83	27377	0.932	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	12286	0.543	ug/L #	88
71) Naphthalene	14.102	128	3410	0.100	ug/L	94

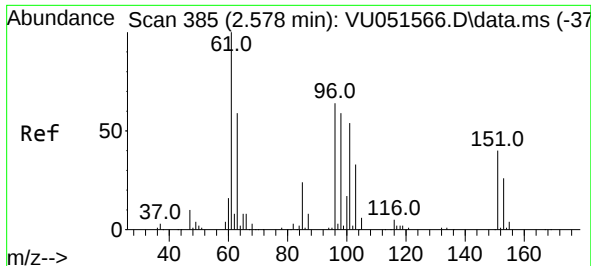
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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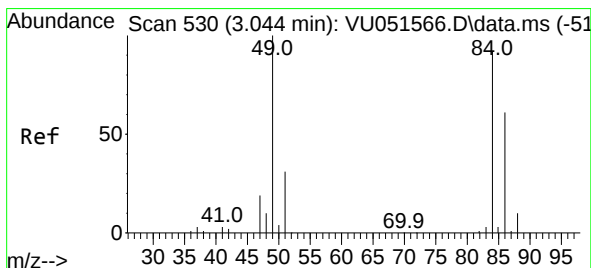
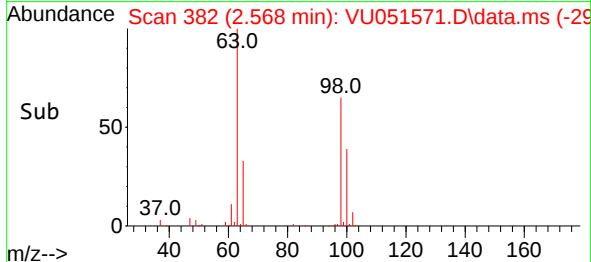
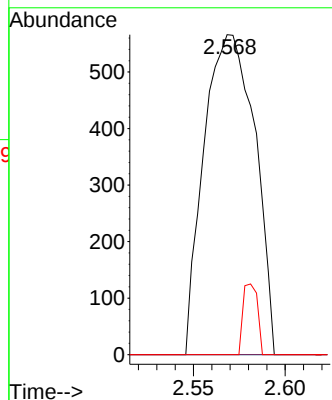
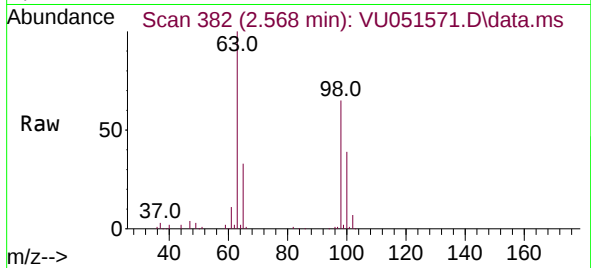




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.568 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU051571.D
Acq: 28 Oct 2022 16:39

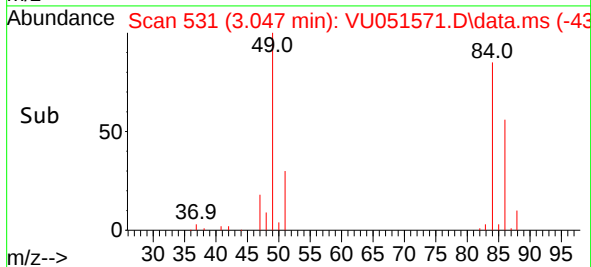
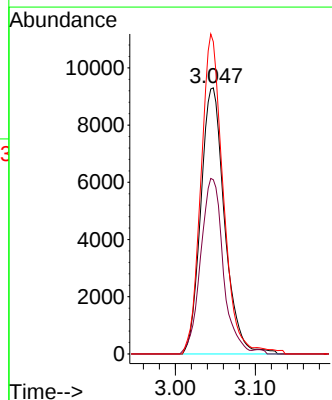
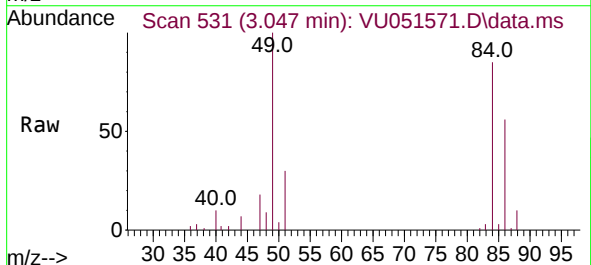
Instrument :
MSVOA_U
ClientSampleId :

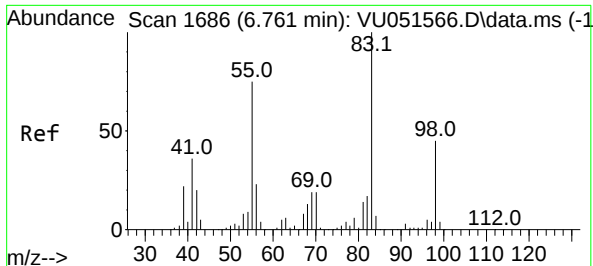
Tgt Ion:101 Resp: 1091
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 6.3 59.6 89.4#



#16
Methylene chloride
Concen: 0.636 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU051571.D
Acq: 28 Oct 2022 16:39

Tgt Ion: 84 Resp: 19240
Ion Ratio Lower Upper
84 100
86 65.5 46.3 85.9
49 117.3 76.0 141.2





#35

Methylcyclohexane

Concen: 0.932 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051571.D

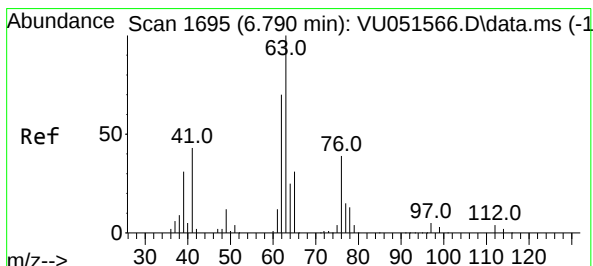
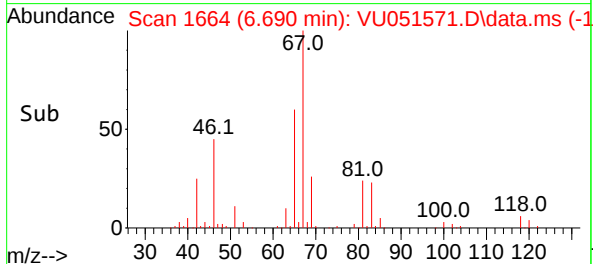
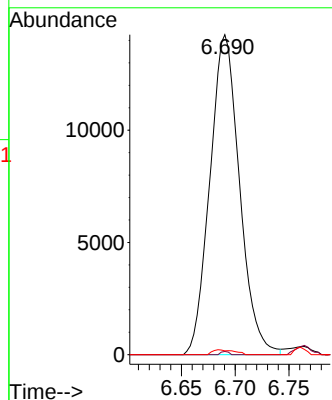
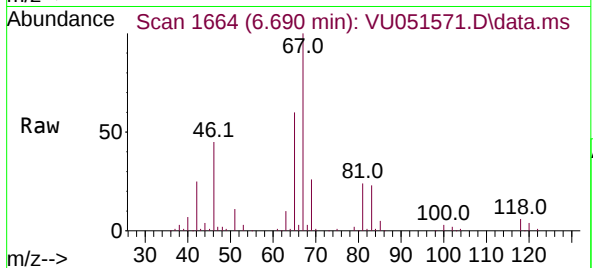
Acq: 28 Oct 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 27377
Ion Ratio	Lower Upper
83	100
55	0.3 60.6 90.8#
98	1.1 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.543 ug/L

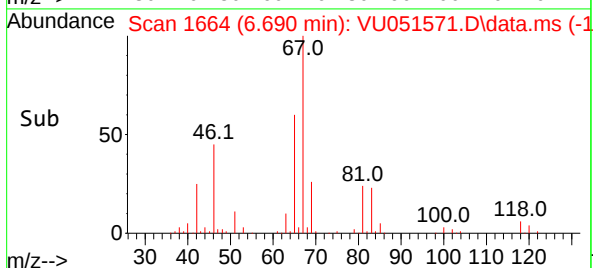
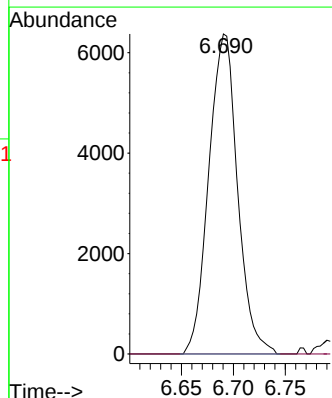
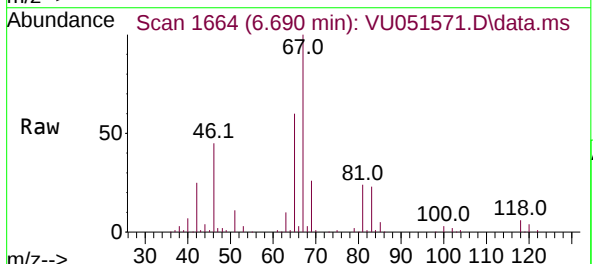
RT: 6.690 min Scan# 1664

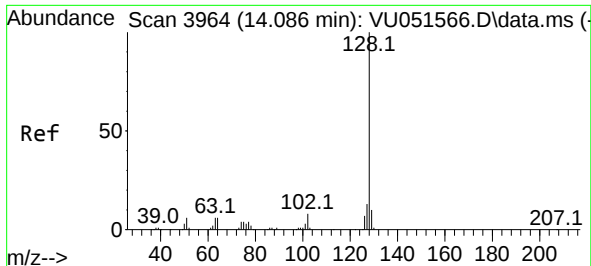
Delta R.T. -0.100 min

Lab File: VU051571.D

Acq: 28 Oct 2022 16:39

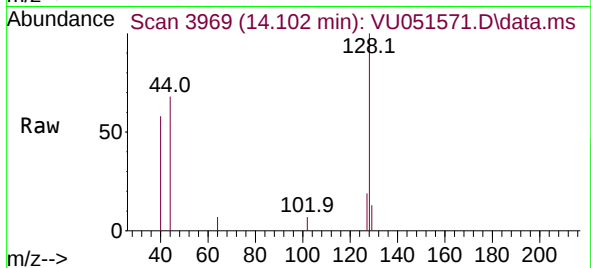
Tgt Ion: 63	Resp: 12286
Ion Ratio	Lower Upper
63	100
112	0.0 3.3 4.9#





#71
Naphthalene
Concen: 0.100 ug/L
RT: 14.102 min Scan# 3969
Delta R.T. 0.016 min
Lab File: VU051571.D
Acq: 28 Oct 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	3410
Ion	Ratio	Lower	Upper
128	100		
129	8.6	8.4	12.6
127	10.4	10.3	15.5

