

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101322\
 Data File : VU051406.D
 Acq On : 13 Oct 2022 13:27
 Operator : JC/MD
 Sample : VU1013WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK117

Quant Time: Oct 14 01:21:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 14 01:20:41 2022
 Response via : Initial Calibration

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

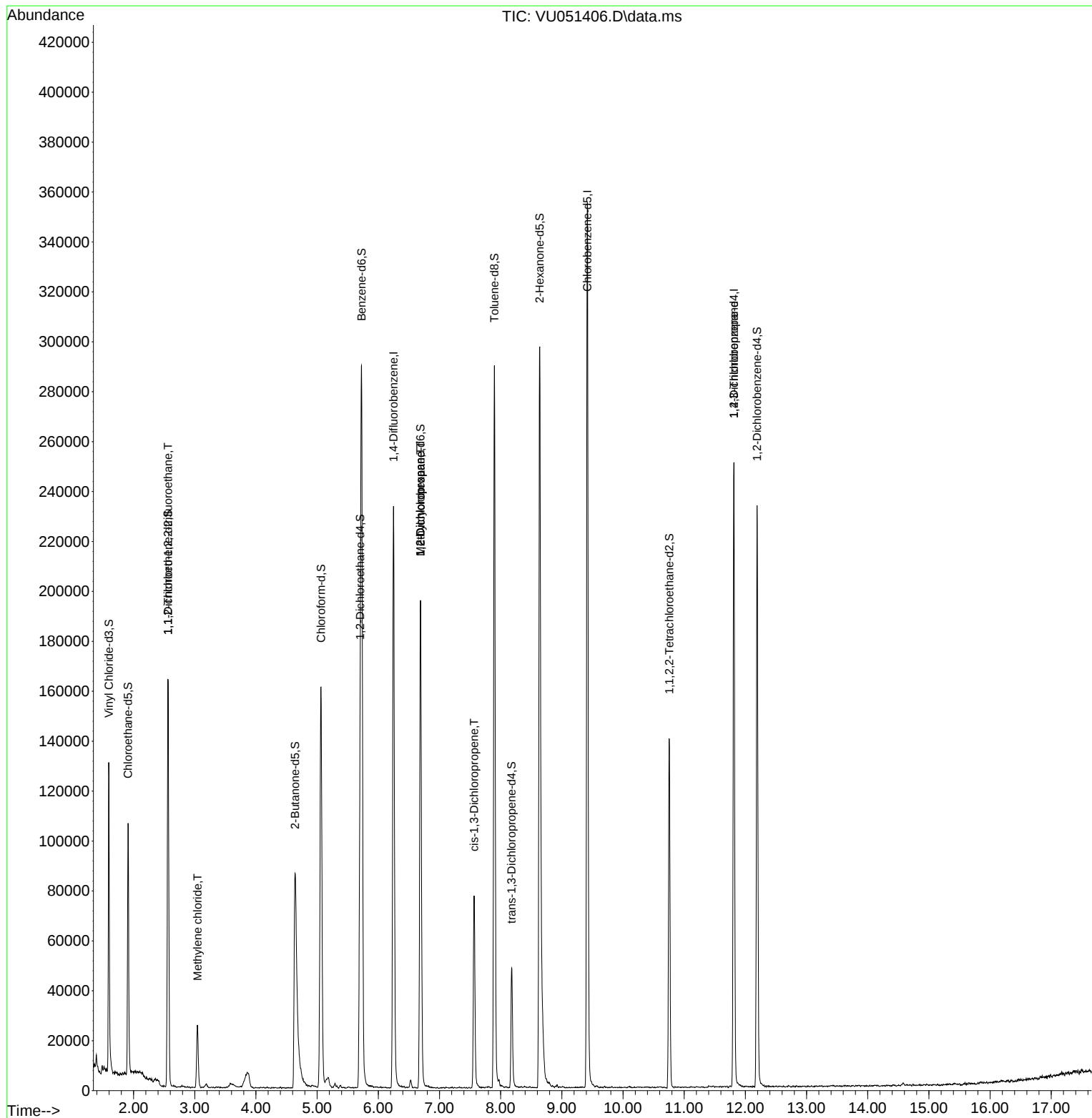
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	183880	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69408	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	94409	6.365	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.400%
7) Chloroethane-d5	1.909	69	74826	5.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.400%
11) 1,1-Dichloroethene-d2	2.562	65	30309	5.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.400%
20) 2-Butanone-d5	4.639	46	158424	48.512	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.020%
24) Chloroform-d	5.063	84	153750	5.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.200%
26) 1,2-Dichloroethane-d4	5.703	65	78849	5.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	5.726	84	274474	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.690	67	99254	5.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.896	98	199574	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.179	79	29142	4.698	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.636	63	88353	42.260	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.520%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	73636	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	62934	5.217	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	959	0.067	ug/L #	21
16) Methylene chloride	3.044	84	12418	0.627	ug/L	93
35) Methylcyclohexane	6.690	83	22552	1.062	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10176	0.550	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2046	0.092	ug/L #	70
61) 1,2,3-Trichloropropane	11.812	75	8663	0.988	ug/L #	66

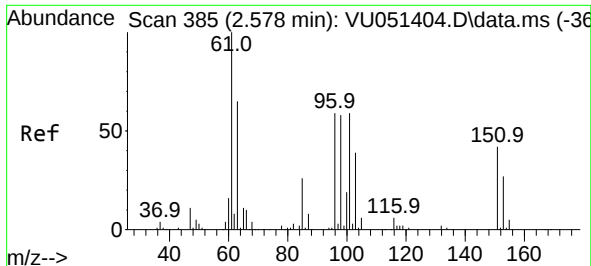
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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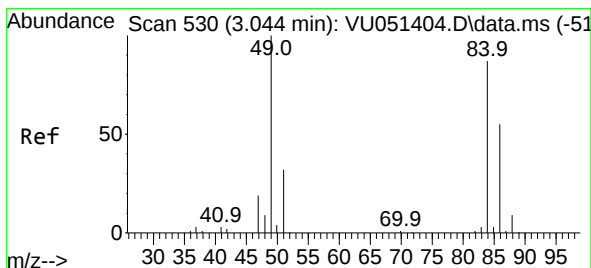
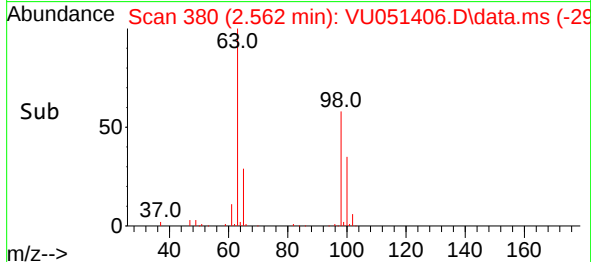
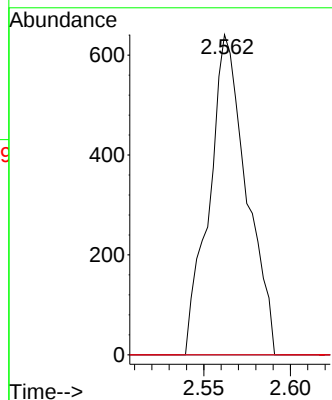
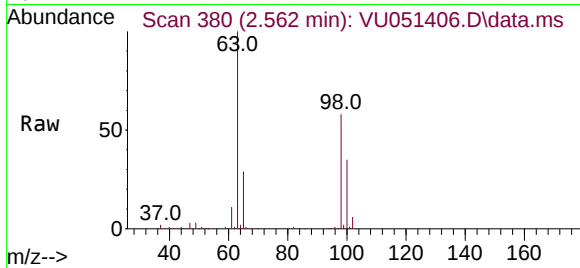




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.067 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU051406.D
Acq: 13 Oct 2022 13:27

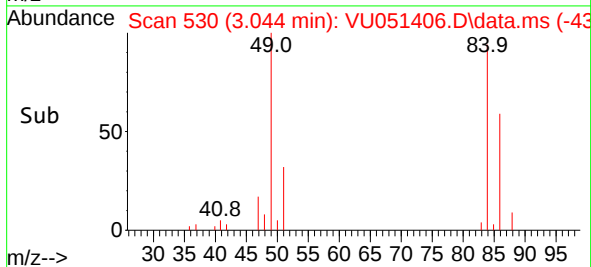
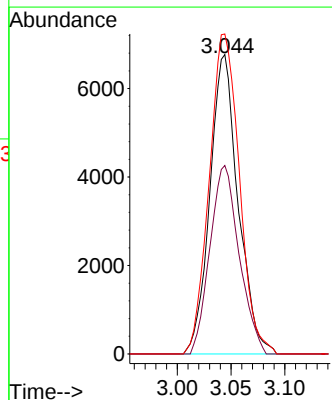
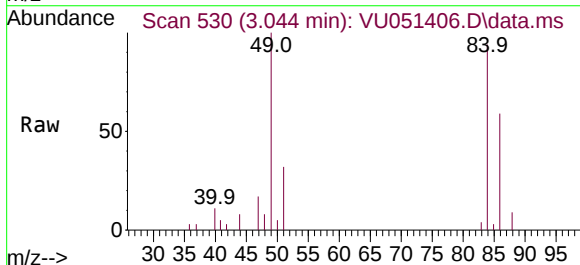
Instrument :
MSVOA_U
ClientSampleId :
VBLK117

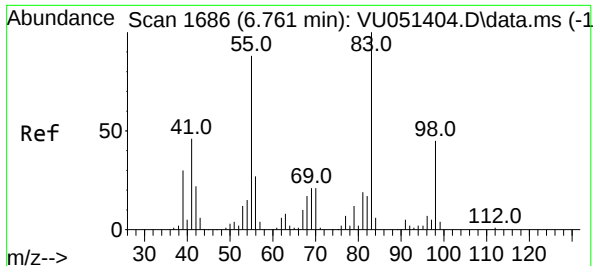
Tgt Ion:101 Resp: 959
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#16
Methylene chloride
Concen: 0.627 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051406.D
Acq: 13 Oct 2022 13:27

Tgt Ion: 84 Resp: 12418
Ion Ratio Lower Upper
84 100
86 63.0 46.5 86.3
49 106.9 81.3 151.1





#35

Methylcyclohexane

Concen: 1.062 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051406.D

Acq: 13 Oct 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

VBLK117

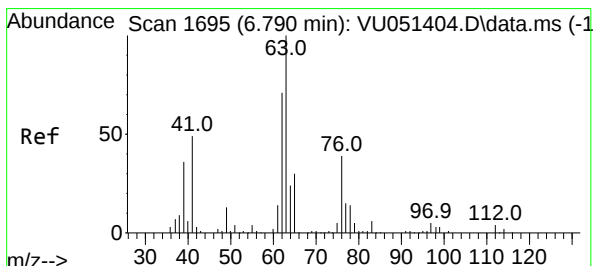
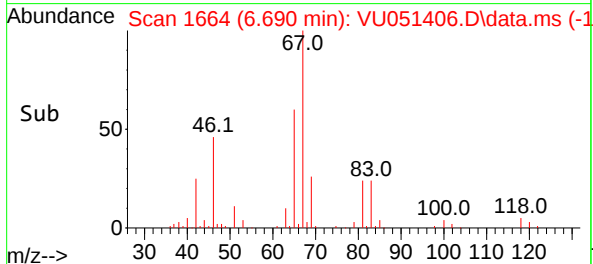
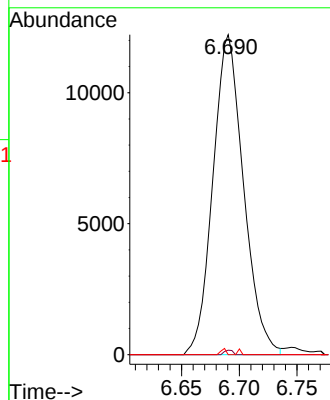
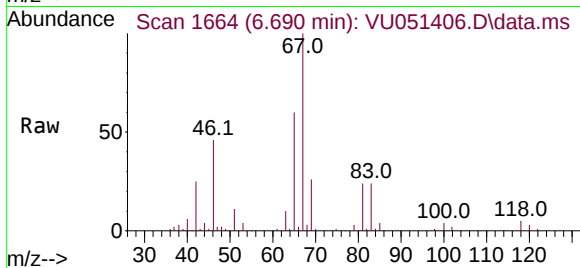
Tgt Ion: 83 Resp: 22552

Ion Ratio Lower Upper

83 100

55 0.4 65.8 98.6#

98 0.3 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051406.D

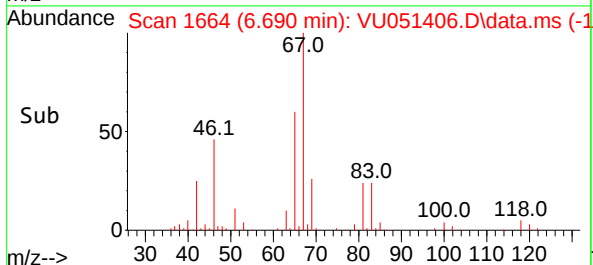
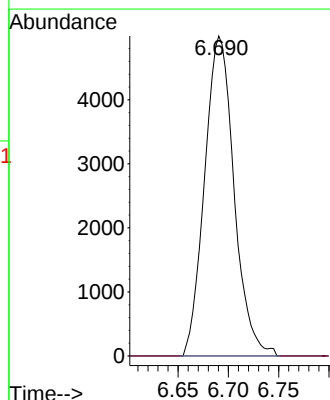
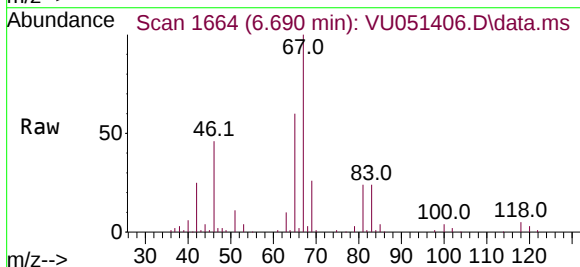
Acq: 13 Oct 2022 13:27

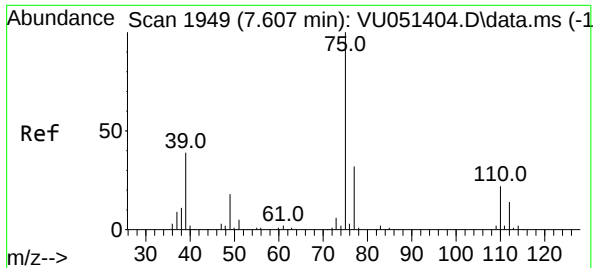
Tgt Ion: 63 Resp: 10176

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU051406.D

Acq: 13 Oct 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

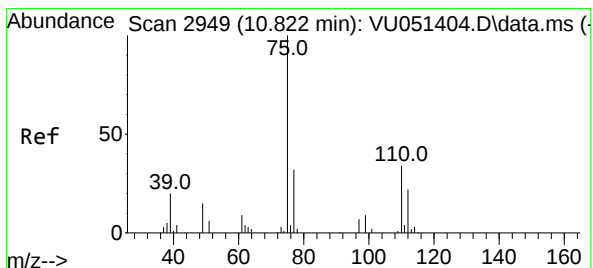
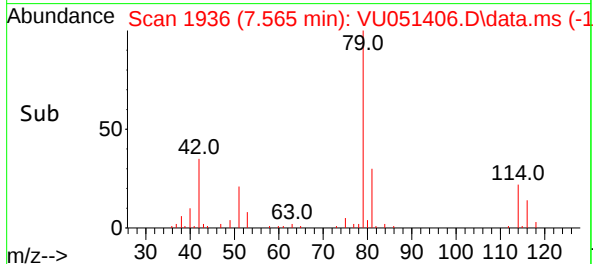
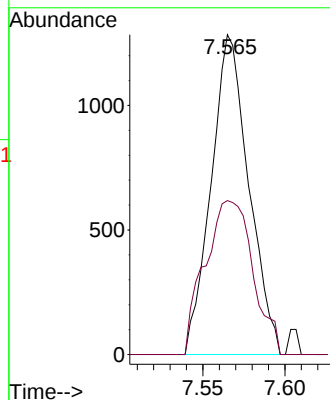
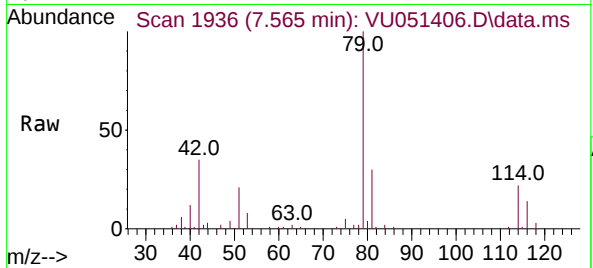
VBLK117

Tgt Ion: 75 Resp: 2046

Ion Ratio Lower Upper

75 100

77 48.1 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 0.988 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU051406.D

Acq: 13 Oct 2022 13:27

Tgt Ion: 75 Resp: 8663

Ion Ratio Lower Upper

75 100

110 0.5 27.0 40.6#

77 28.1 26.4 39.6

