

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101322\
 Data File : VU051410.D
 Acq On : 13 Oct 2022 15:07
 Operator : JC/MD
 Sample : N4991-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Oct 14 01:22:32 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)

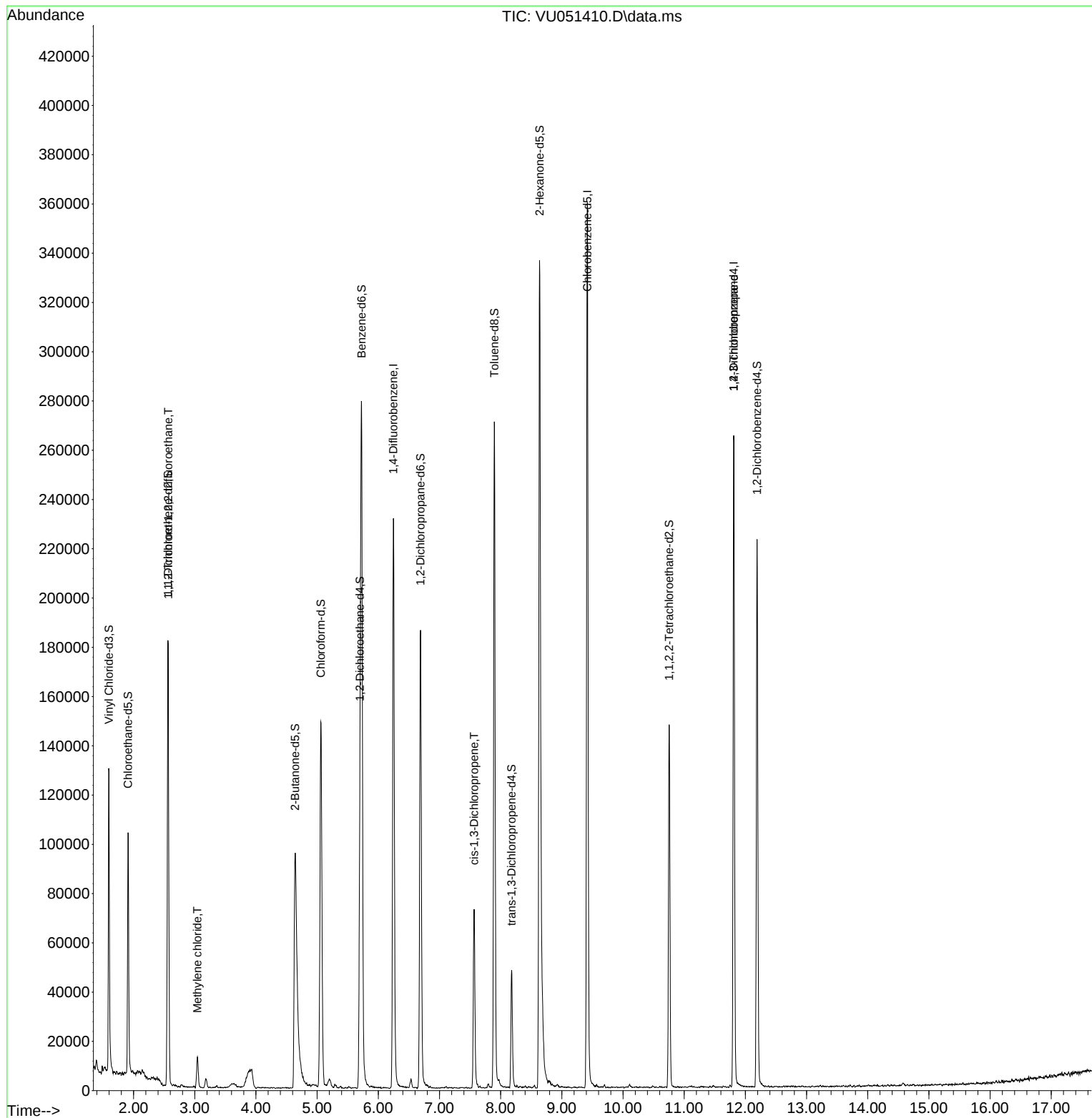
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	184476	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	204250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	70080	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	96454	6.482	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.600%
7) Chloroethane-d5	1.909	69	72639	5.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.600%
11) 1,1-Dichloroethene-d2	2.562	65	34446	5.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.200%
20) 2-Butanone-d5	4.639	46	177708	54.242	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.480%
24) Chloroform-d	5.060	84	143753	5.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.700	65	78591	5.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.726	84	261005	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.690	67	92638	4.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.896	98	186811	3.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.179	79	27787	4.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.636	63	101517	48.044	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.080%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	77027	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	59716	4.903	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1102	0.077	ug/L #	21
16) Methylene chloride	3.041	84	5850	0.294	ug/L	99
39) cis-1,3-Dichloropropene	7.565	75	2352	0.105	ug/L #	63
61) 1,2,3-Trichloropropane	11.809	75	8822	0.997	ug/L #	70

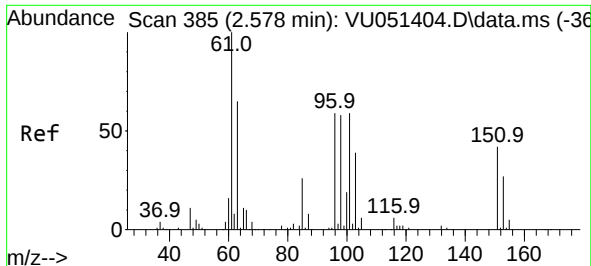
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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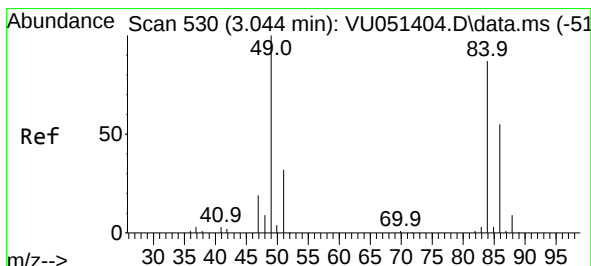
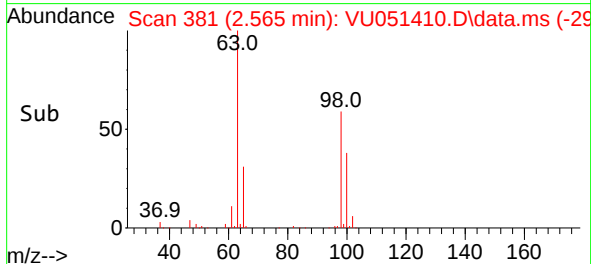
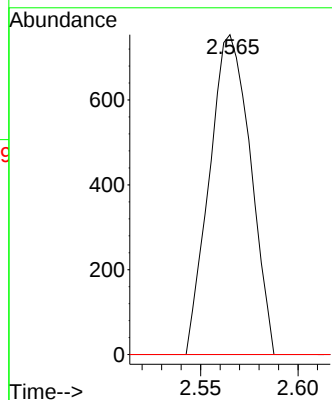
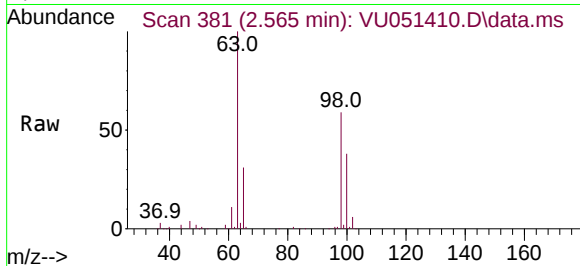




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.077 ug/L
RT: 2.565 min Scan# 311
Delta R.T. -0.013 min
Lab File: VU051410.D
Acq: 13 Oct 2022 15:07

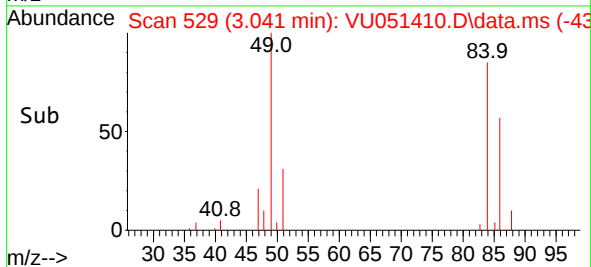
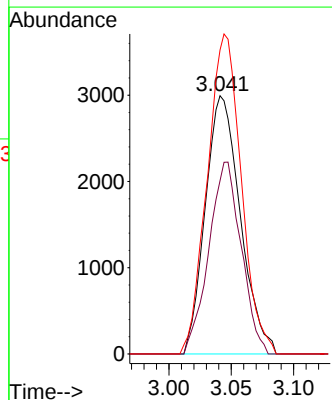
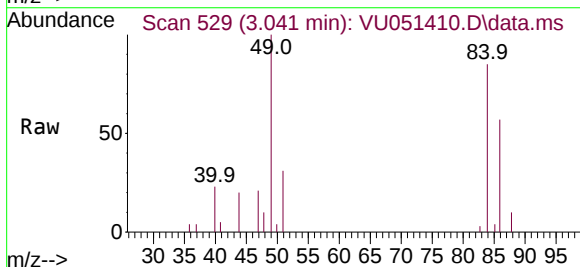
Instrument :
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VHBLK001

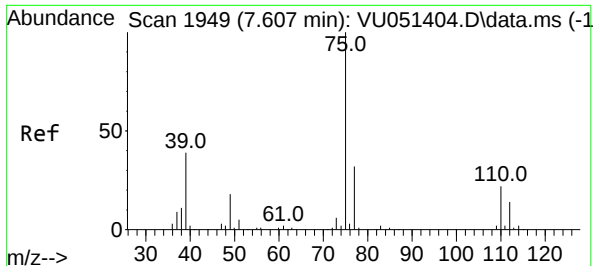
Tgt Ion:101 Resp: 1102
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#16
Methylene chloride
Concen: 0.294 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051410.D
Acq: 13 Oct 2022 15:07

Tgt Ion: 84 Resp: 5850
Ion Ratio Lower Upper
84 100
86 67.1 46.5 86.3
49 117.7 81.3 151.1





#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU051410.D

Acq: 13 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

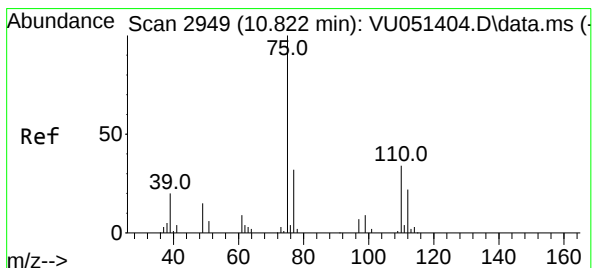
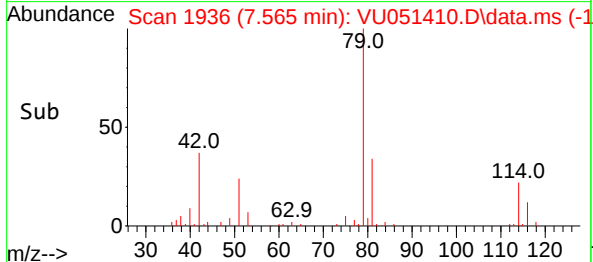
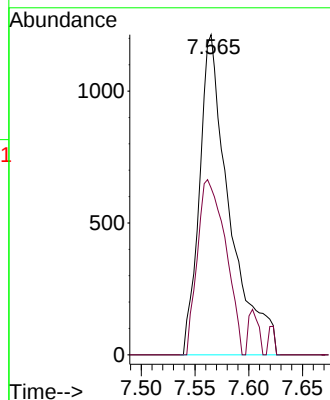
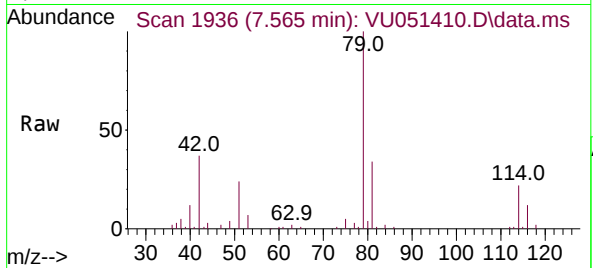
VHBLK001

Tgt Ion: 75 Resp: 2352

Ion Ratio Lower Upper

75 100

77 52.1 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 0.997 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051410.D

Acq: 13 Oct 2022 15:07

Tgt Ion: 75 Resp: 8822

Ion Ratio Lower Upper

75 100

110 1.0 27.0 40.6#

77 31.4 26.4 39.6

