

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051710.D
 Acq On : 02 Nov 2022 23:44
 Operator : JC/MD
 Sample : N5320-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Nov 03 04:29:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 03:06:09 2022
 Response via : Initial Calibration

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

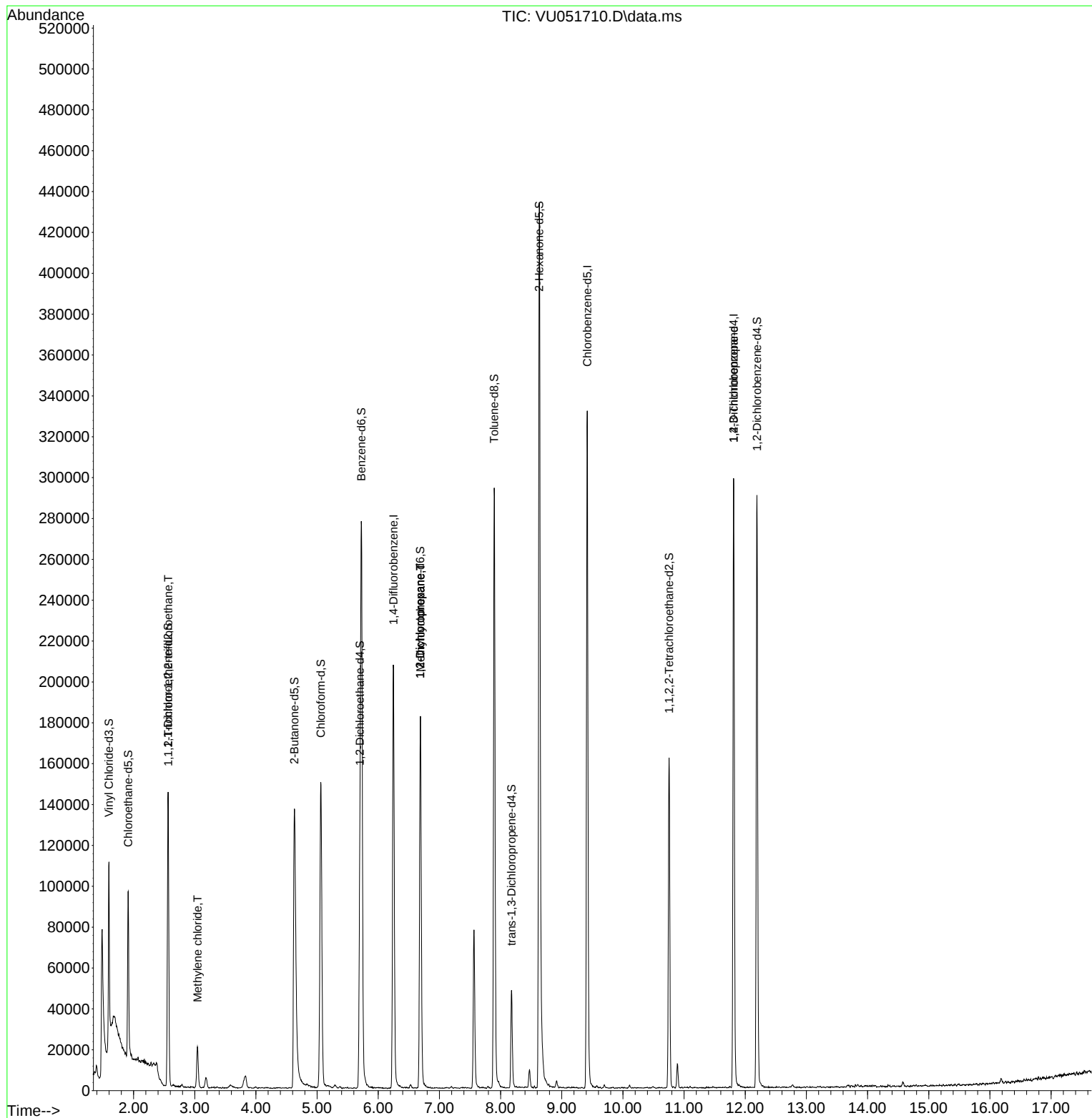
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	171829	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	192840	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66071	5.105	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.200%	
7) Chloroethane-d5	1.912	69	62222	4.610	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.565	65	26202	5.579	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	111.600%	
20) 2-Butanone-d5	4.629	46	199502	42.567	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.140%	
24) Chloroform-d	5.060	84	141348	4.667	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.700	65	74174	4.534	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
32) Benzene-d6	5.726	84	268993	4.420	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
36) 1,2-Dichloropropane-d6	6.687	67	90195	4.239	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.800%	
41) Toluene-d8	7.896	98	206430	4.314	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
43) trans-1,3-Dichloroprop...	8.179	79	27605	4.243	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.632	63	149077	38.061	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.120%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	84538	4.335	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	79708	5.211	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.200%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	893	0.061	ug/L #	21
16) Methylene chloride	3.044	84	9891	0.404	ug/L	96
35) Methylcyclohexane	6.690	83	20557	0.810	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	9475	0.484	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	10045	0.932	ug/L #	66

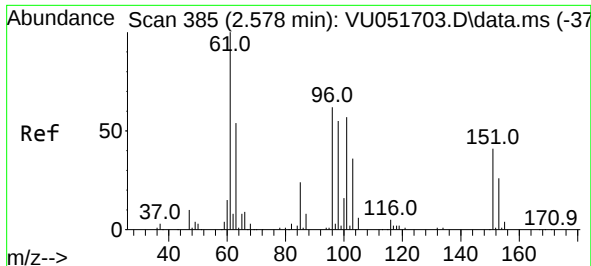
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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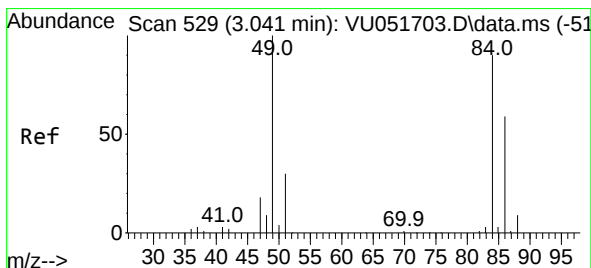
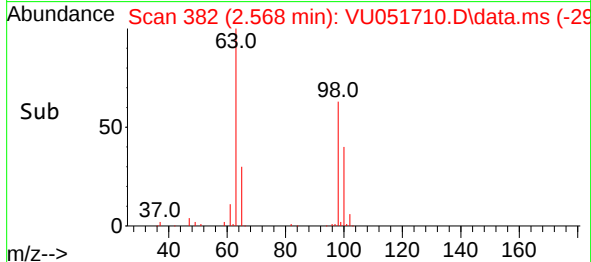
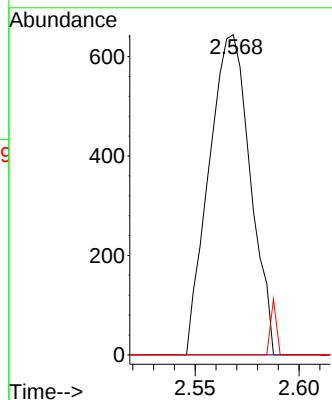
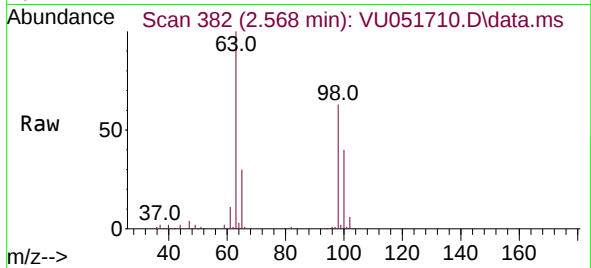




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.568 min Scan# 310
Delta R.T. -0.010 min
Lab File: VU051710.D
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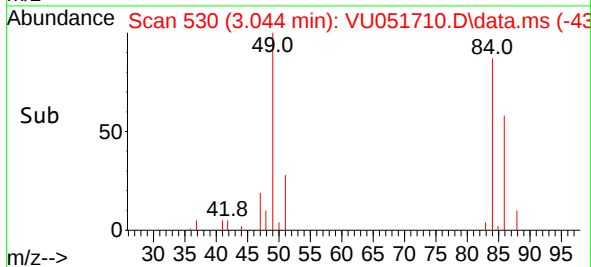
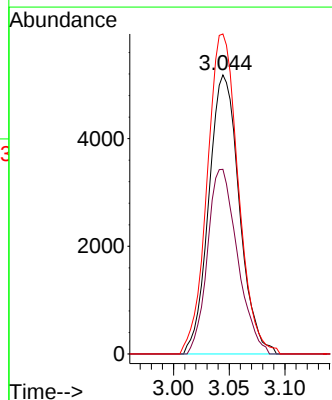
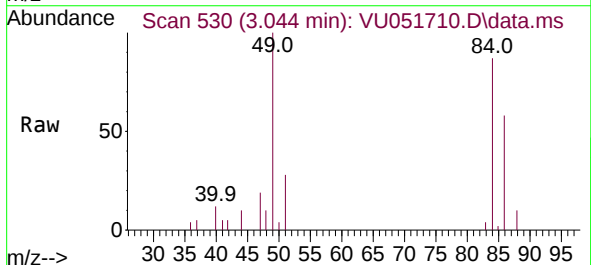
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MSVOA_U
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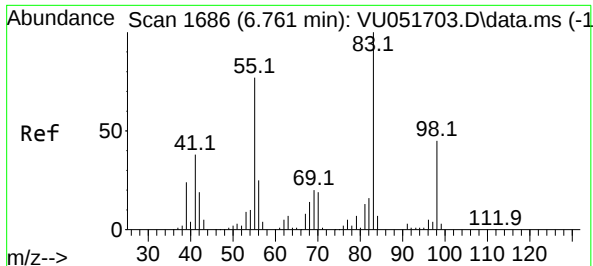
Tgt Ion:101 Resp: 893
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 2.5 59.6 89.4#



#16
Methylene chloride
Concen: 0.404 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051710.D
Acq: 02 Nov 2022 23:44

Tgt Ion: 84 Resp: 9891
Ion Ratio Lower Upper
84 100
86 66.2 46.3 85.9
49 114.7 76.0 141.2





#35

Methylcyclohexane

Concen: 0.810 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051710.D

Acq: 02 Nov 2022 23:44

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

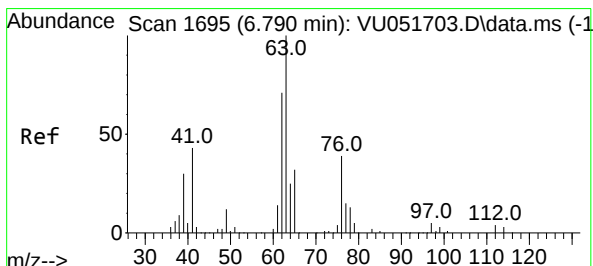
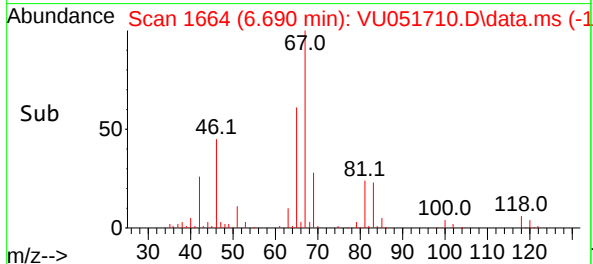
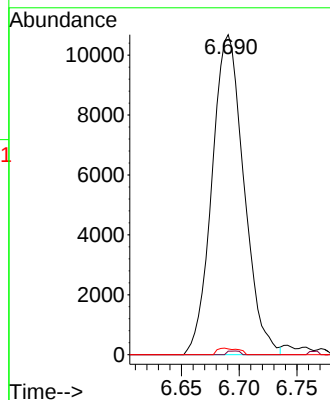
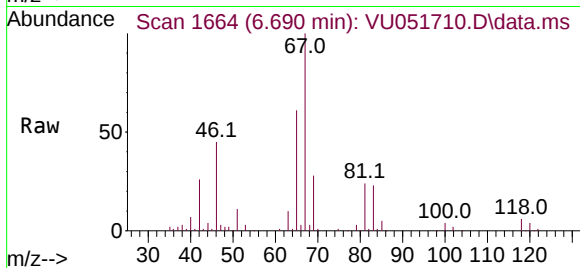
Tgt Ion: 83 Resp: 20557

Ion Ratio Lower Upper

83 100

55 0.4 60.6 90.8#

98 1.3 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.484 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU051710.D

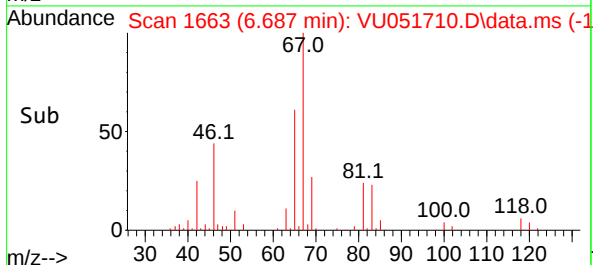
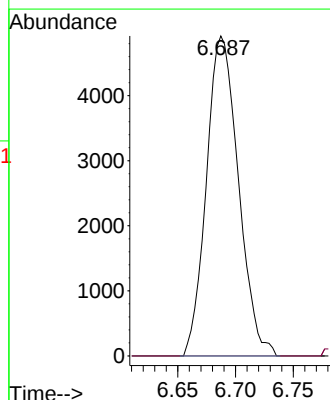
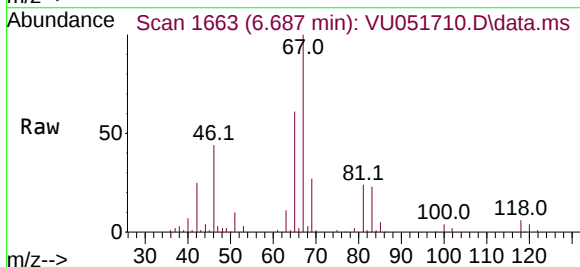
Acq: 02 Nov 2022 23:44

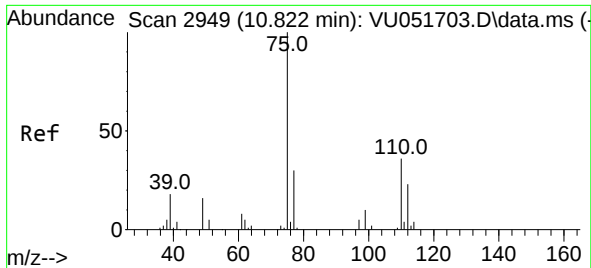
Tgt Ion: 63 Resp: 9475

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 0.932 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU051710.D

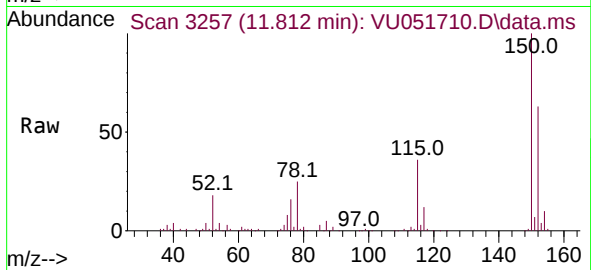
Acq: 02 Nov 2022 23:44

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001



Tgt Ion: 75 Resp: 10045

Ion Ratio Lower Upper

75 100

110 0.0 28.7 43.1#

77 34.7 26.1 39.1

