

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111022\
 Data File : VU051810.D
 Acq On : 10 Nov 2022 19:07
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK128

Quant Time: Nov 11 00:41:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 00:38:34 2022
 Response via : Initial Calibration

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

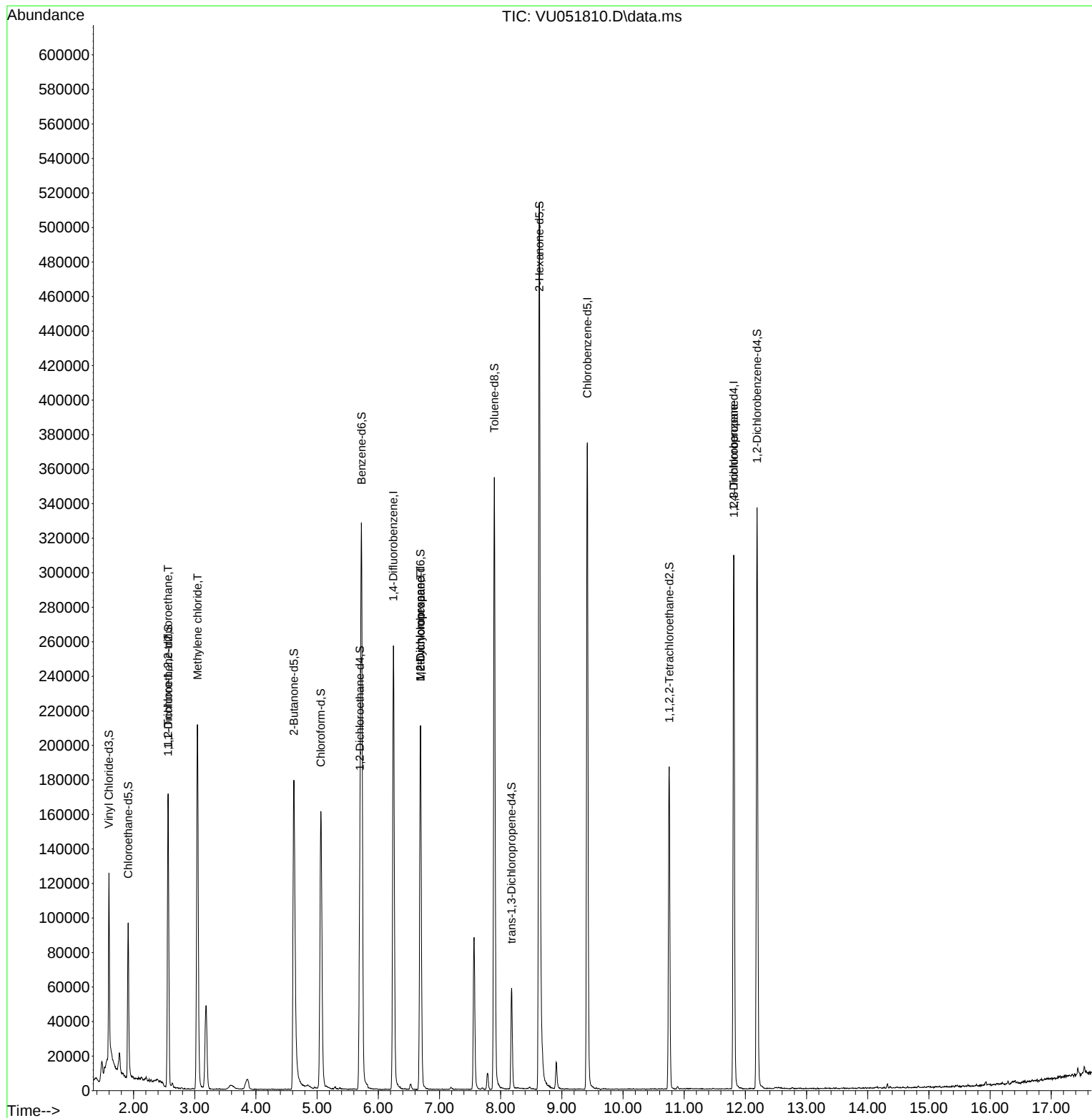
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	216183	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	216551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	86964	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76924	4.725	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.912	69	72408	4.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.565	65	31655	5.357	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.200%
20) 2-Butanone-d5	4.620	46	225139	38.181	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.360%
24) Chloroform-d	5.060	84	156441	4.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.700	65	83966	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.726	84	316402	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.690	67	107504	4.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.896	98	251881	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.179	79	33455	4.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.632	63	173545	39.457	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.920%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93601	4.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	94287	5.907	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	946	0.051	ug/L #	19
16) Methylene chloride	3.044	84	107551	3.494	ug/L	99
35) Methylcyclohexane	6.690	83	23670	0.830	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10350	0.471	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	10178	0.905	ug/L #	69

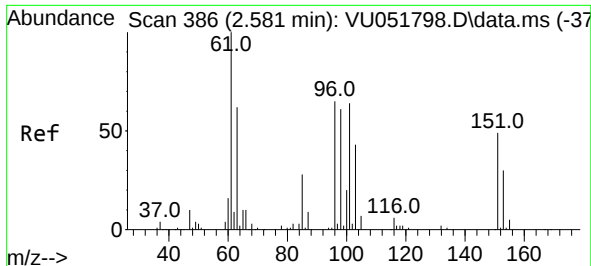
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

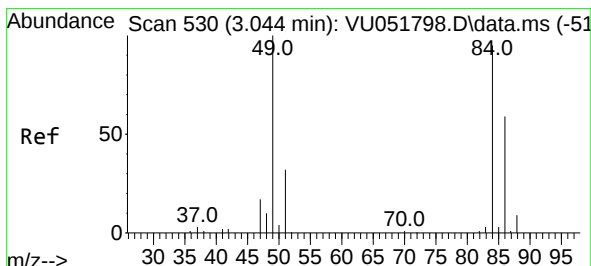
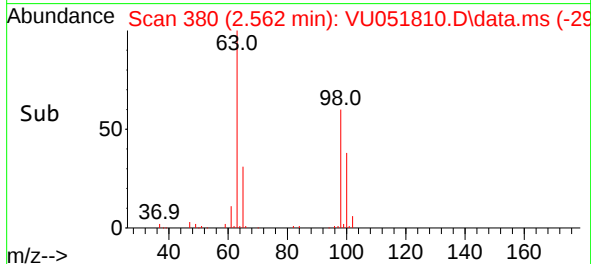
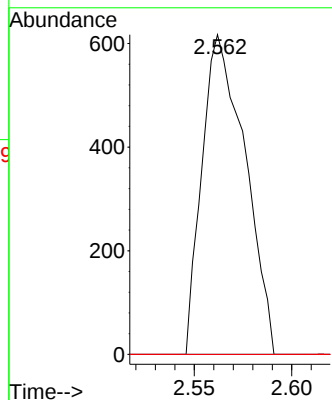
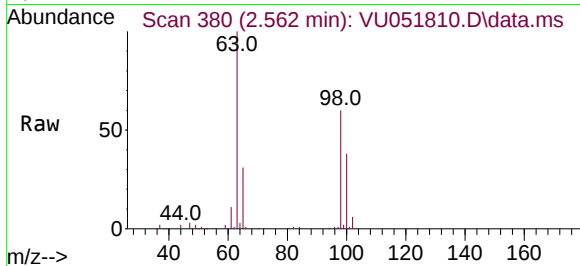




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.562 min Scan# 386
Delta R.T. -0.019 min
Lab File: VU051810.D
Acq: 10 Nov 2022 19:07

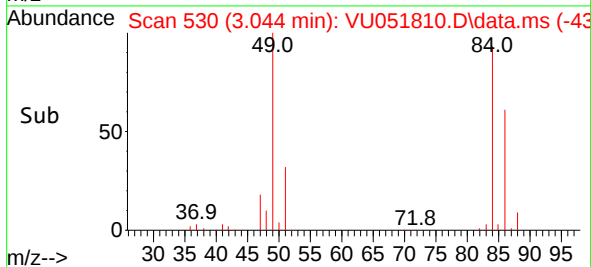
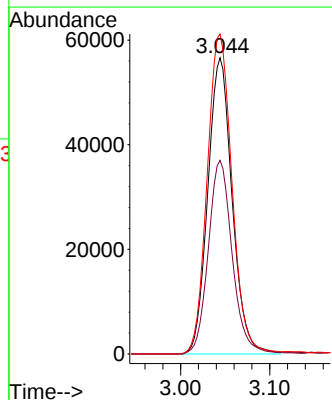
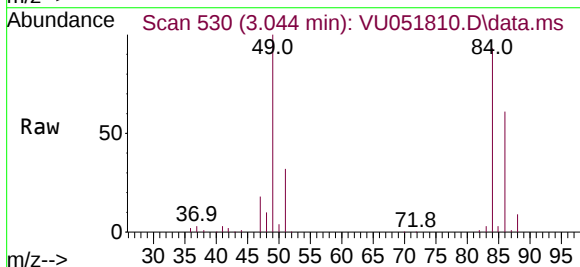
Instrument :
MSVOA_U
ClientSampleId :
VIBLK128

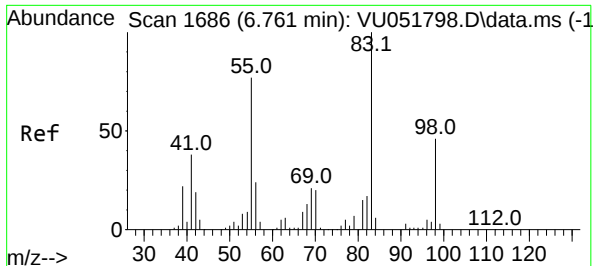
Tgt Ion:101 Resp: 946
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#



#16
Methylene chloride
Concen: 3.494 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051810.D
Acq: 10 Nov 2022 19:07

Tgt Ion: 84 Resp: 107551
Ion Ratio Lower Upper
84 100
86 65.4 46.3 85.9
49 108.1 76.0 141.2





#35

Methylcyclohexane

Concen: 0.830 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU051810.D

Acq: 10 Nov 2022 19:07

Instrument :

MSVOA_U

ClientSampleId :

VIBLK128

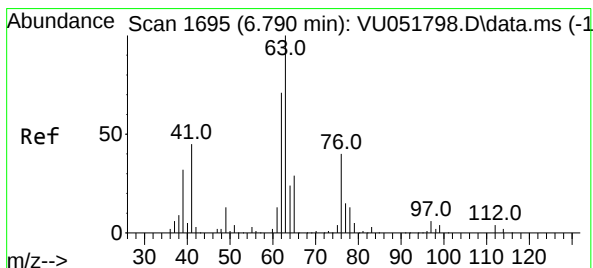
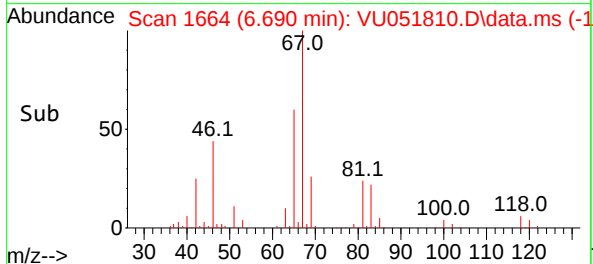
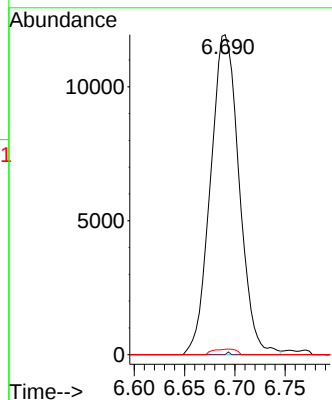
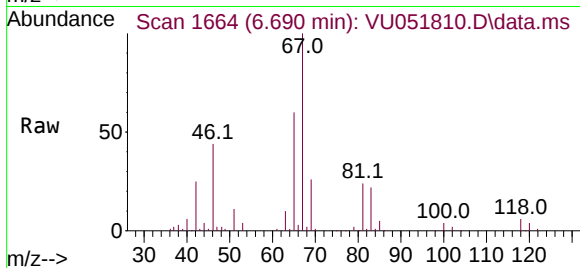
Tgt Ion: 83 Resp: 23670

Ion Ratio Lower Upper

83 100

55 0.1 60.6 90.8#

98 1.4 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.471 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051810.D

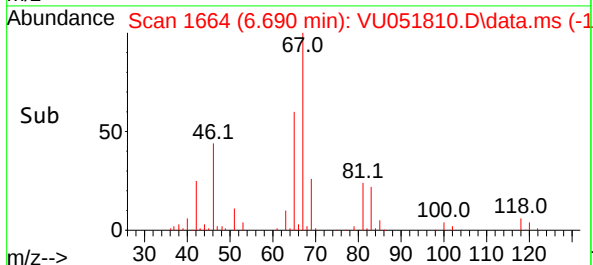
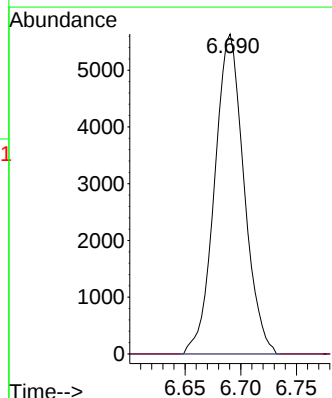
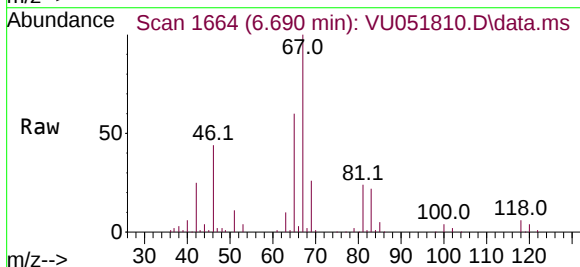
Acq: 10 Nov 2022 19:07

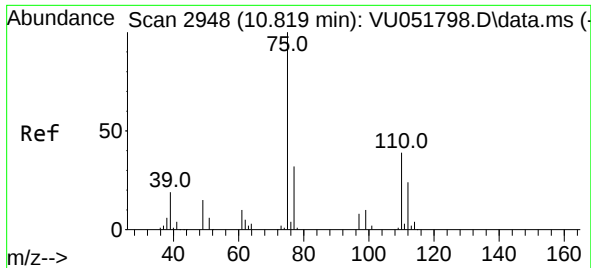
Tgt Ion: 63 Resp: 10350

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 0.905 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.994 min

Lab File: VU051810.D

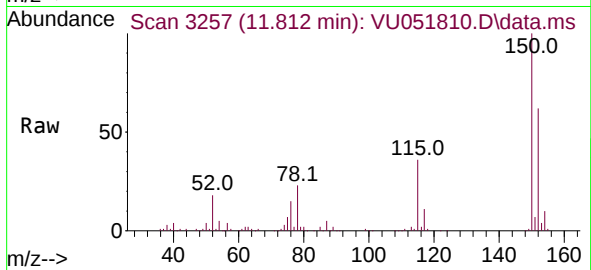
Acq: 10 Nov 2022 19:07

Instrument :

MSVOA_U

ClientSampleId :

VIBLK128



Tgt Ion: 75 Resp: 10178

Ion Ratio Lower Upper

75 100

110 1.3 28.7 43.1#

77 33.2 26.1 39.1

