

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051264.D
 Acq On : 08 Oct 2022 10:39
 Operator : JC/MD
 Sample : N4931-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5H20

Quant Time: Oct 08 23:49:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

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

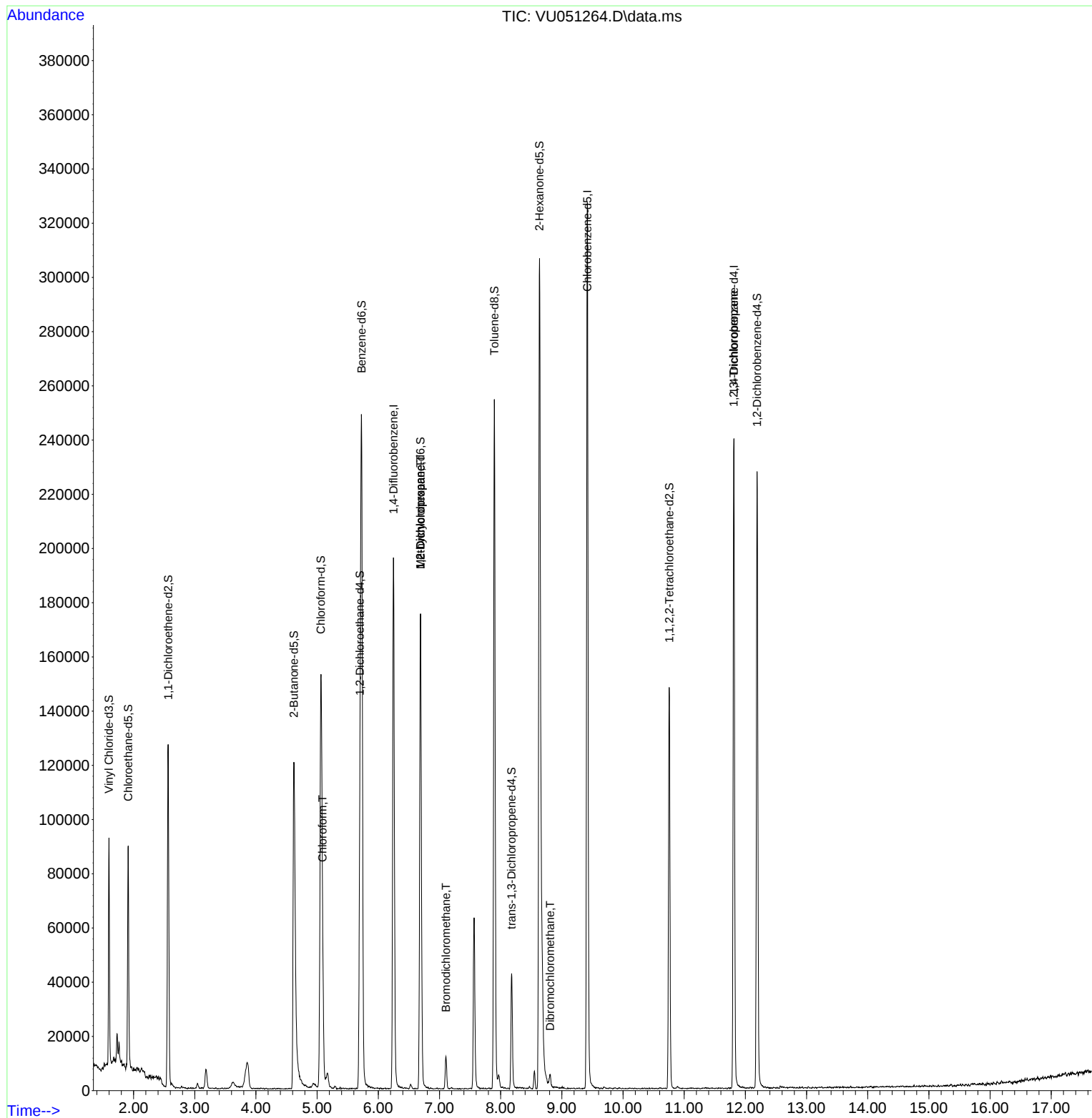
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	155361	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	182333	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60156	4.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.912	69	59114	5.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.565	65	24162	4.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	4.620	46	169407	61.398	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.800%
24) Chloroform-d	5.060	84	136589	5.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.000%
26) 1,2-Dichloroethane-d4	5.700	65	72359	6.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.200%
32) Benzene-d6	5.726	84	234705	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.690	67	86416	5.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.896	98	175771	3.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.179	79	25146	4.493	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.632	63	83688	44.367	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.740%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	76020	5.586	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	60186	5.416	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						Qvalue
25) Chloroform	5.089	83	38681	1.506	ug/L	98
35) Methylcyclohexane	6.690	83	19149	1.000	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	8813	0.528	ug/L #	89
38) Bromodichloromethane	7.105	83	8213	0.413	ug/L	91
49) Dibromochloromethane	8.809	129	2166	0.165	ug/L	99
61) 1,2,3-Trichloropropane	11.809	75	8001	0.991	ug/L #	70

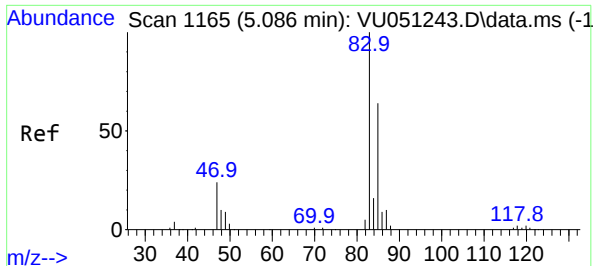
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.506 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

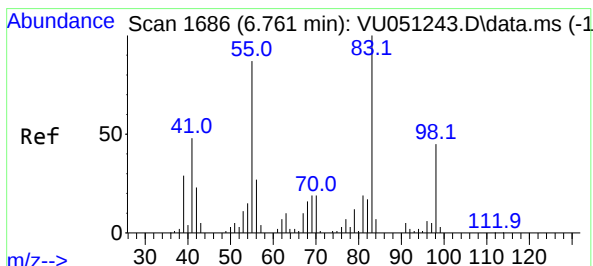
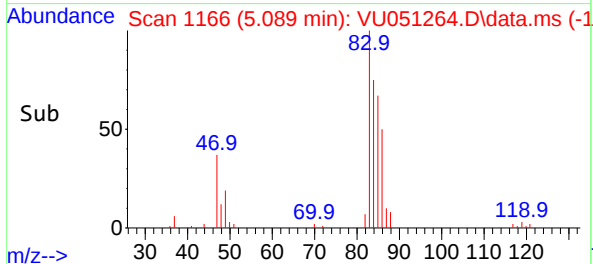
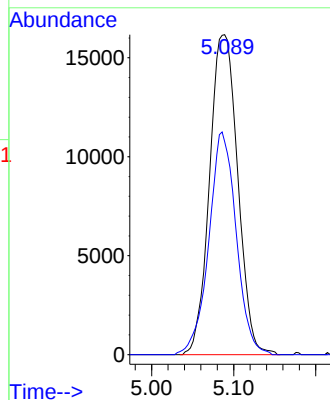
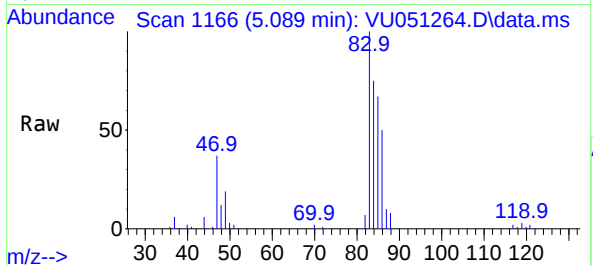
F5H20

Tgt Ion: 83 Resp: 38681

Ion Ratio Lower Upper

83 100

85 66.6 45.6 84.6



#35

Methylcyclohexane

Concen: 1.000 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU051264.D

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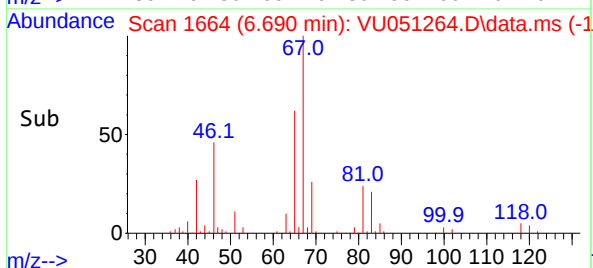
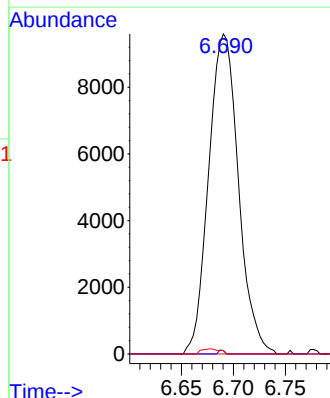
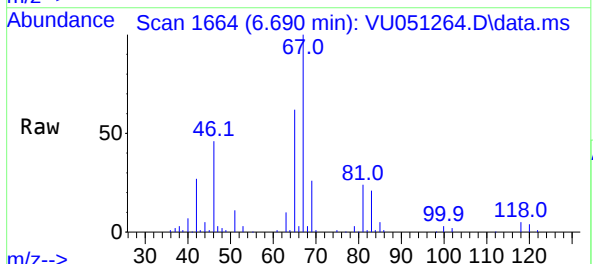
Tgt Ion: 83 Resp: 19149

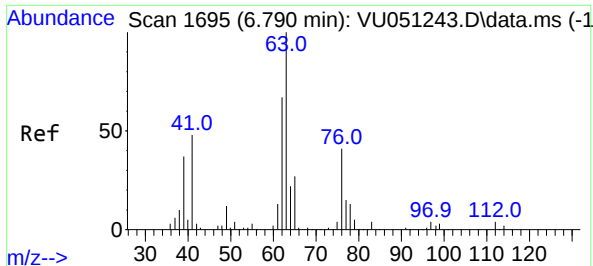
Ion Ratio Lower Upper

83 100

55 0.2 65.8 98.6#

98 1.0 35.9 53.9#

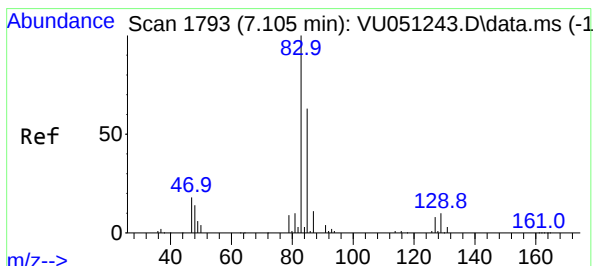
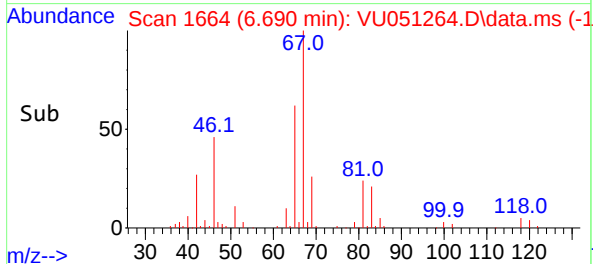
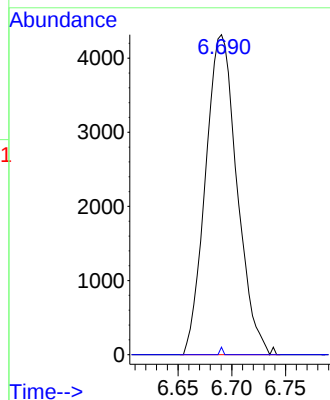
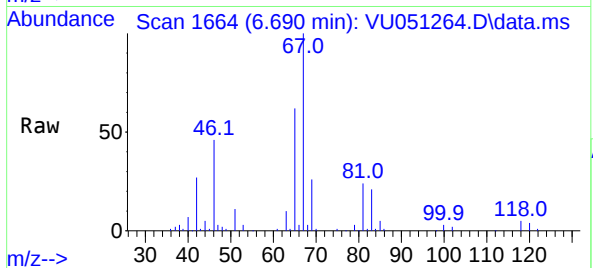




#37
1,2-Dichloropropane
Concen: 0.528 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU051264.D
Acq: 08 Oct 2022 10:39

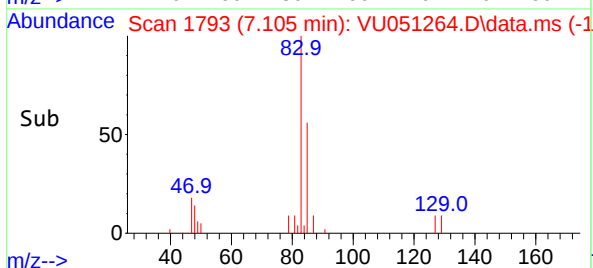
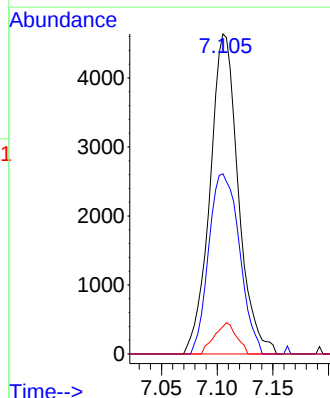
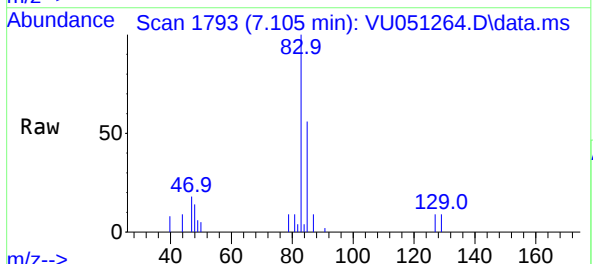
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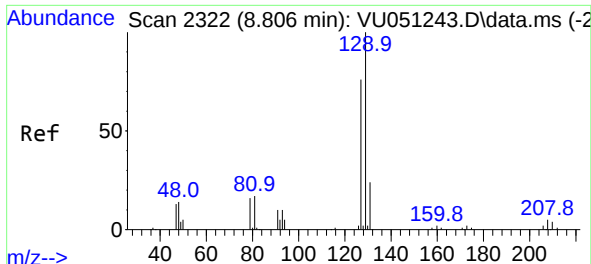
Tgt Ion: 63 Resp: 8813
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#



#38
Bromodichloromethane
Concen: 0.413 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051264.D
Acq: 08 Oct 2022 10:39

Tgt Ion: 83 Resp: 8213
Ion Ratio Lower Upper
83 100
85 56.3 44.8 83.2
127 8.5 7.0 10.6





#49

Dibromochloromethane

Concen: 0.165 ug/L

RT: 8.809 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051264.D

Acq: 08 Oct 2022 10:39

Instrument :

MSVOA_U

ClientSampleId :

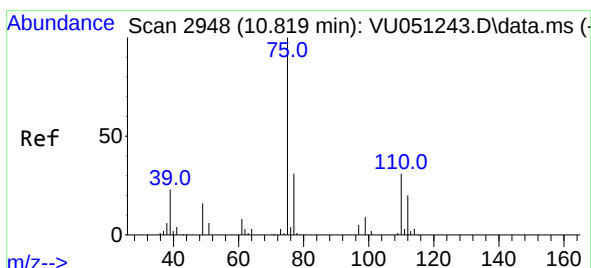
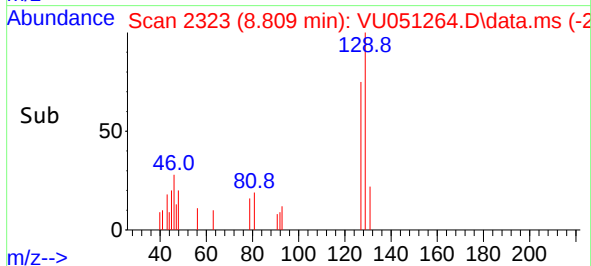
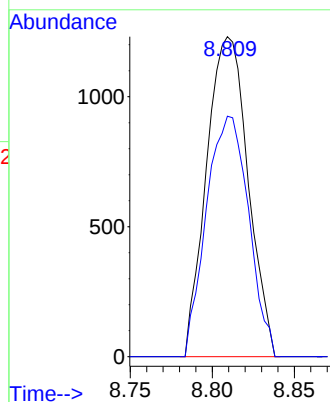
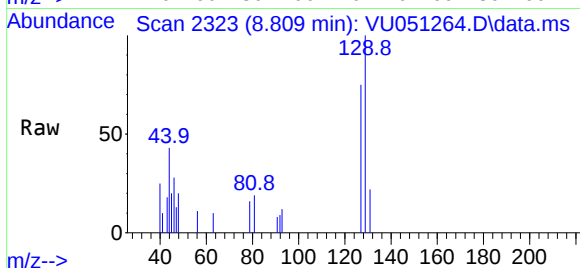
F5H20

Tgt Ion:129 Resp: 2166

Ion Ratio Lower Upper

129 100

127 75.1 53.5 99.3



#61

1,2,3-Trichloropropane

Concen: 0.991 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU051264.D

Acq: 08 Oct 2022 10:39

Tgt Ion: 75 Resp: 8001

Ion Ratio Lower Upper

75 100

110 1.6 27.0 40.6#

77 34.8 26.4 39.6

