

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051291.D
 Acq On : 08 Oct 2022 23:03
 Operator : JC/MD
 Sample : N4931-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5H70RE

Quant Time: Oct 08 23:52:39 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)

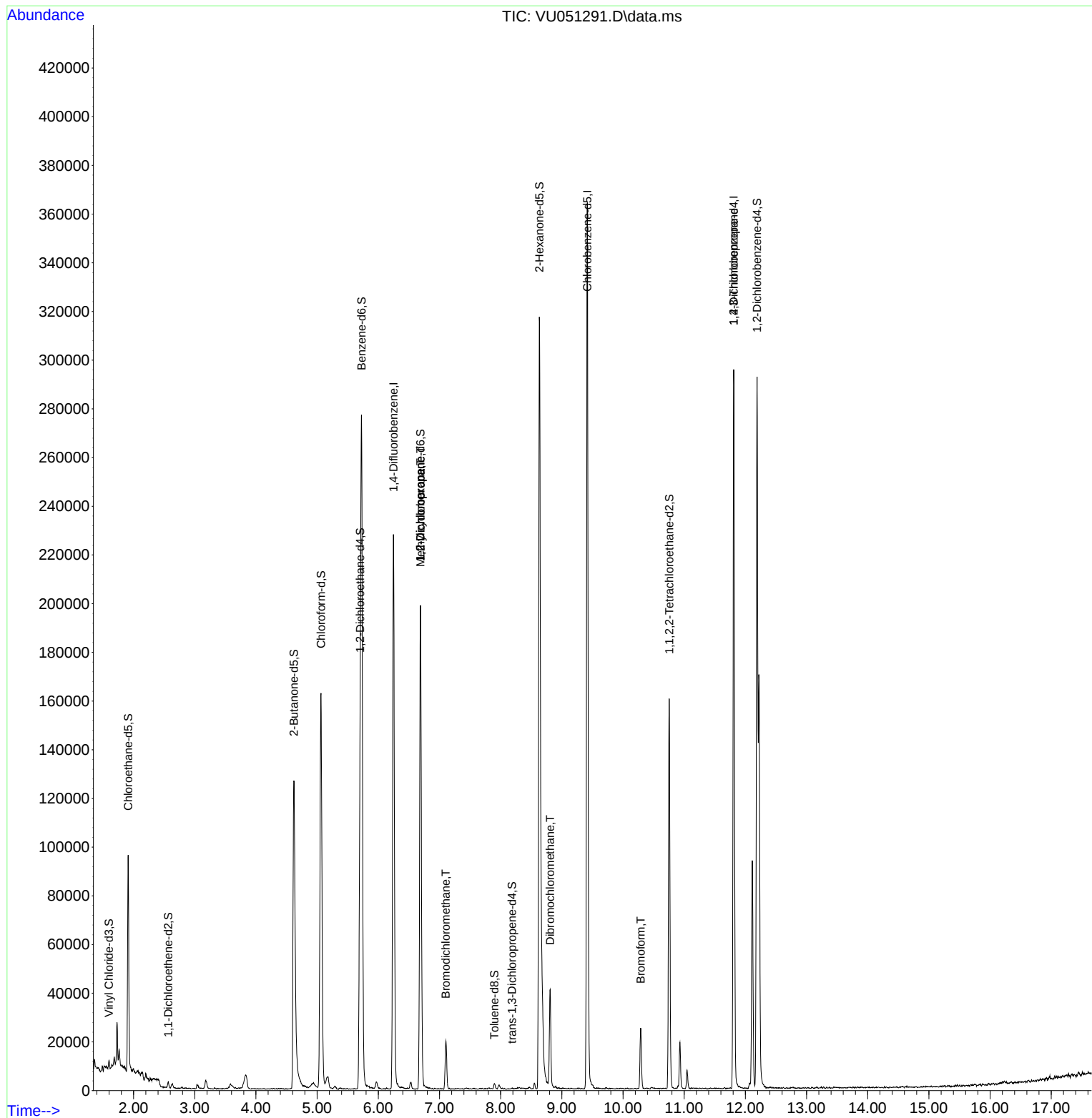
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	179972	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	201171	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	76790	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	42	0.003	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.912	69	64890	5.202	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.565	65	473	0.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1.600%#
20) 2-Butanone-d5	4.620	46	179209	56.069	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.140%
24) Chloroform-d	5.063	84	152329	5.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.600%
26) 1,2-Dichloroethane-d4	5.703	65	80666	5.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	5.726	84	257408	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.690	67	96362	5.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.896	98	1849	0.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.800%#
43) trans-1,3-Dichloroprop...	8.185	79	179	0.029	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.600%#
46) 2-Hexanone-d5	8.632	63	86473	41.551	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.100%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	80367	5.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	74591	5.589	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						Qvalue
35) Methylcyclohexane	6.687	83	21475	1.016	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10201	0.554	ug/L #	88
38) Bromodichloromethane	7.102	83	13597	0.619	ug/L	94
49) Dibromochloromethane	8.809	129	19141	1.319	ug/L	90
59) Bromoform	10.288	173	10978	1.718	ug/L	100
61) 1,2,3-Trichloropropane	11.809	75	9927	1.024	ug/L #	69

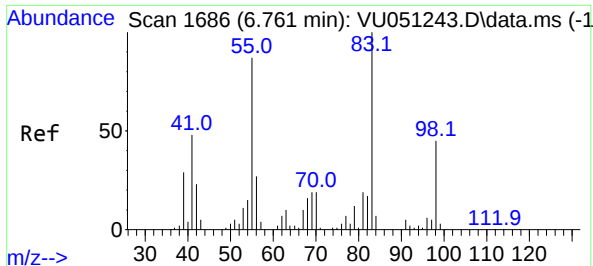
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 1.016 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051291.D

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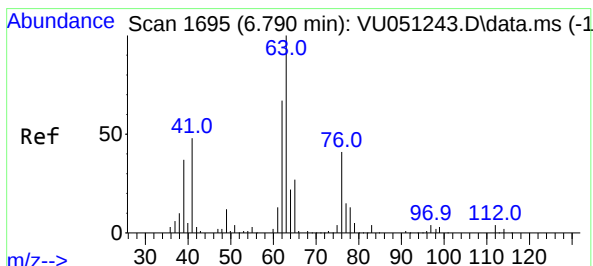
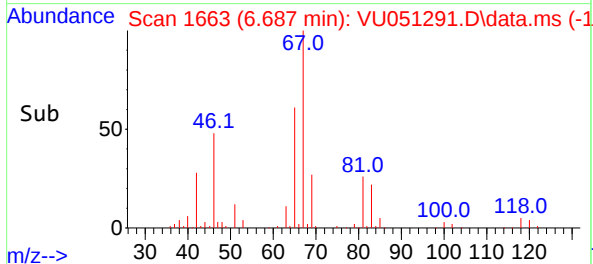
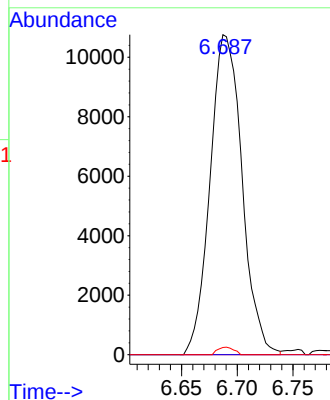
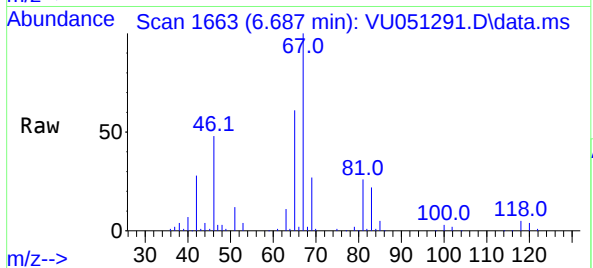
Tgt Ion: 83 Resp: 21475

Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.6#

98 1.2 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051291.D

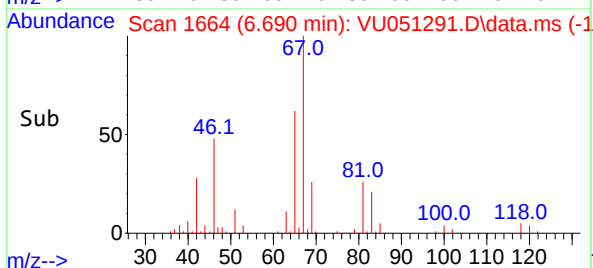
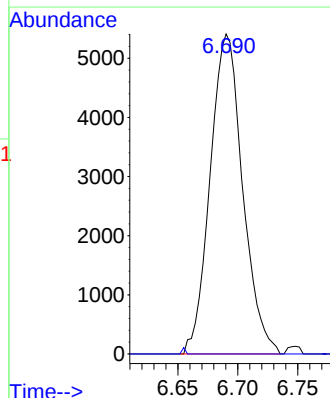
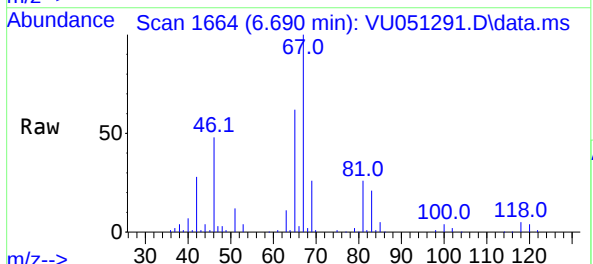
Acq: 08 Oct 2022 23:03

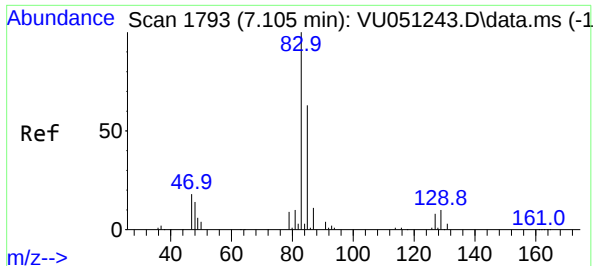
Tgt Ion: 63 Resp: 10201

Ion Ratio Lower Upper

63 100

112 0.2 3.2 4.8#

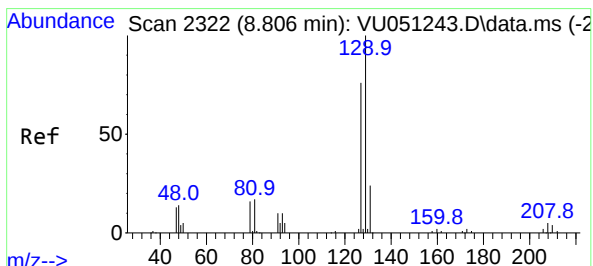
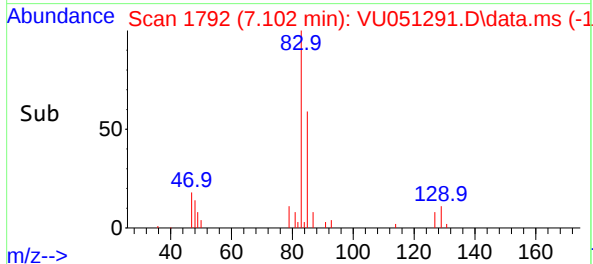
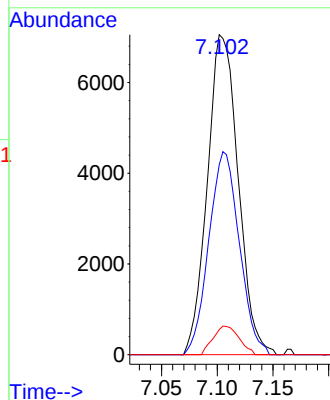
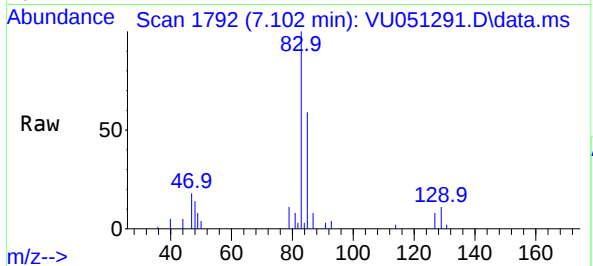




#38
Bromodichloromethane
Concen: 0.619 ug/L
RT: 7.102 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051291.D
Acq: 08 Oct 2022 23:03

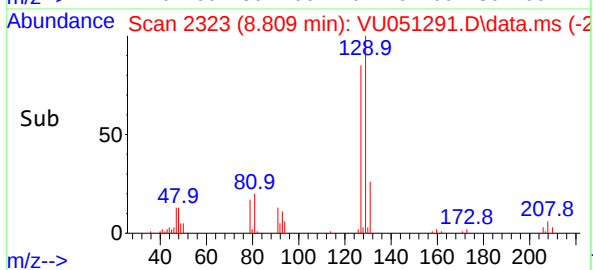
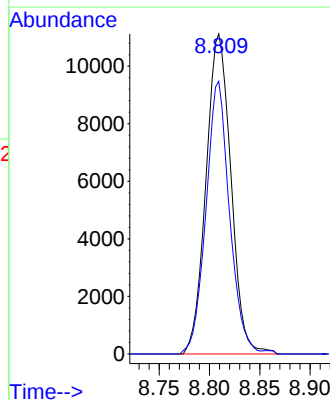
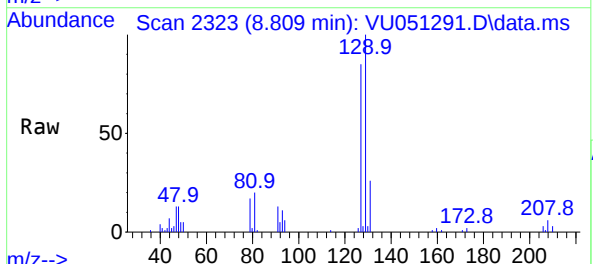
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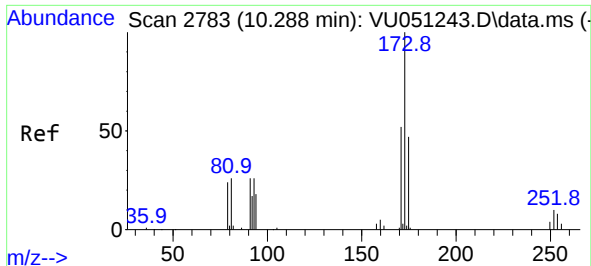
Tgt Ion: 83 Resp: 13597
Ion Ratio Lower Upper
83 100
85 59.4 44.8 83.2
127 7.9 7.0 10.6



#49
Dibromochloromethane
Concen: 1.319 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051291.D
Acq: 08 Oct 2022 23:03

Tgt Ion: 129 Resp: 19141
Ion Ratio Lower Upper
129 100
127 85.2 53.5 99.3

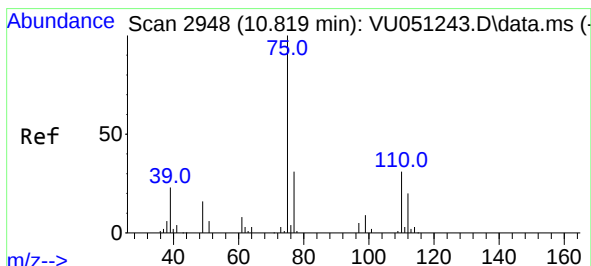
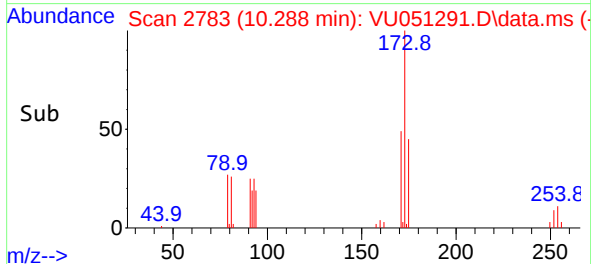
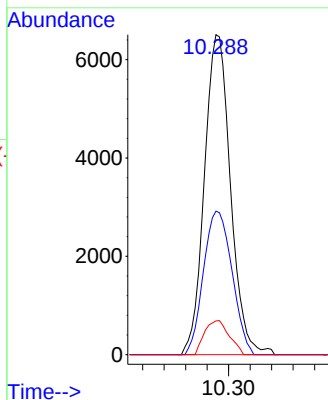
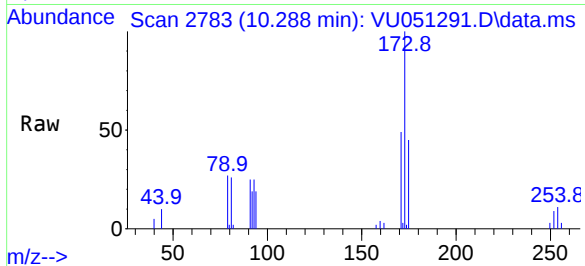




#59
Bromoform
Concen: 1.718 ug/L
RT: 10.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051291.D
Acq: 08 Oct 2022 23:03

Instrument :
MSVOA_U
ClientSampleId :
F5H70RE

Tgt Ion:	173	Resp:	10978
Ion Ratio	Lower	Upper	
173	100		
175	48.9	39.0	58.4
254	10.0	7.5	11.3



#61
1,2,3-Trichloropropane
Concen: 1.024 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU051291.D
Acq: 08 Oct 2022 23:03

Tgt Ion:	75	Resp:	9927
Ion Ratio	Lower	Upper	
75	100		
110	1.2	27.0	40.6#
77	35.0	26.4	39.6

