

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052223\
 Data File : VU054252.D
 Acq On : 22 May 2023 18:22
 Operator : JC/MD
 Sample : 02859-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C11G1

Quant Time: May 23 04:02:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 23 02:58:02 2023
 Response via : Initial Calibration

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

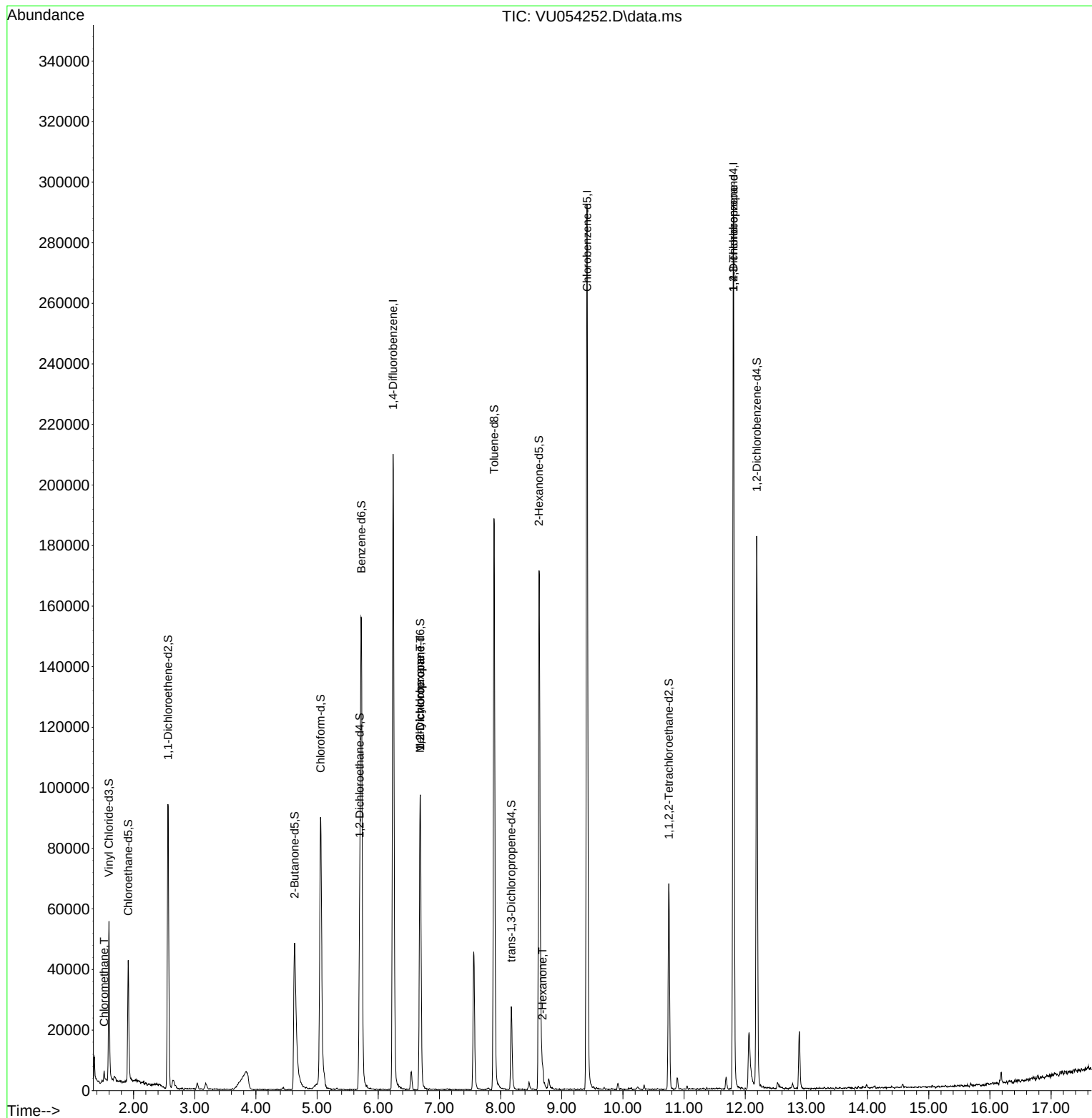
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	172962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	168720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	80190	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38208	4.097	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.912	69	31154	4.466	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.562	65	17299	4.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.633	46	87852	52.829	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.660%
24) Chloroform-d	5.057	84	76361	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.697	65	36855	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.723	84	149967	4.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.687	67	47430	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.893	98	130550	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.176	79	16766	4.180	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.629	63	60783	50.894	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.780%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35030	4.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	50089	5.119	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2319	0.191	ug/L	97
35) Methylcyclohexane	6.684	83	10863	0.578	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	5111	0.408	ug/L #	89
48) 2-Hexanone	8.687	43	3027	0.627	ug/L #	65
61) 1,2,3-Trichloropropane	11.806	75	8664	1.333	ug/L #	66

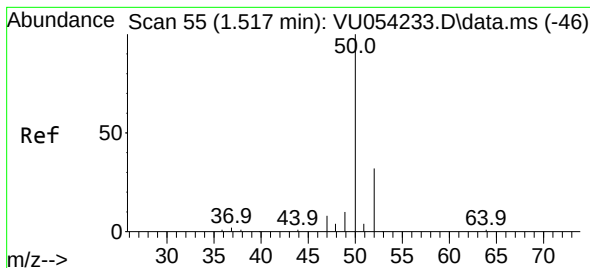
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.191 ug/L

RT: 1.520 min Scan# 50

Delta R.T. 0.003 min

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ClientSampleId :

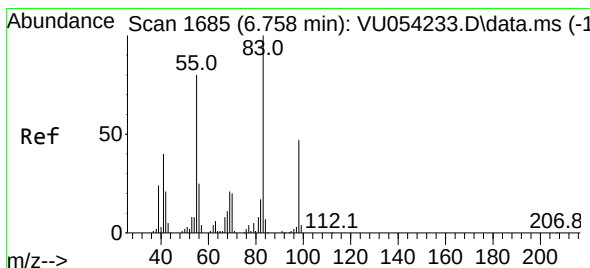
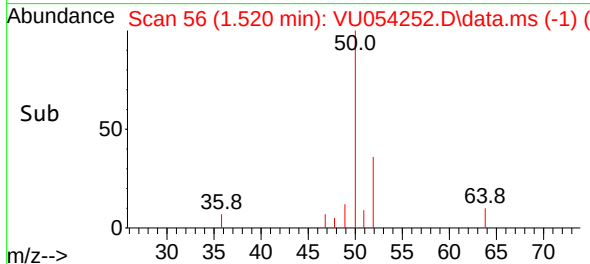
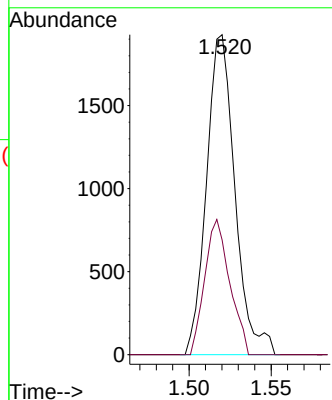
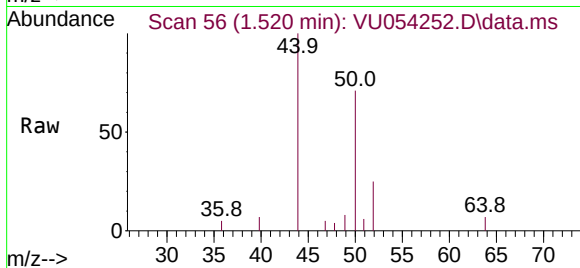
C11G1

Tgt Ion: 50 Resp: 2319

Ion Ratio Lower Upper

50 100

52 35.9 23.7 44.1



#35

Methylcyclohexane

Concen: 0.578 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.074 min

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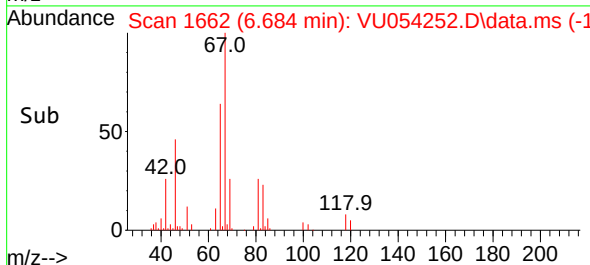
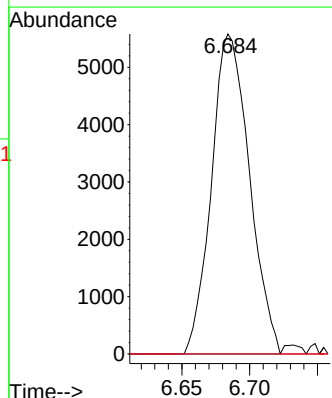
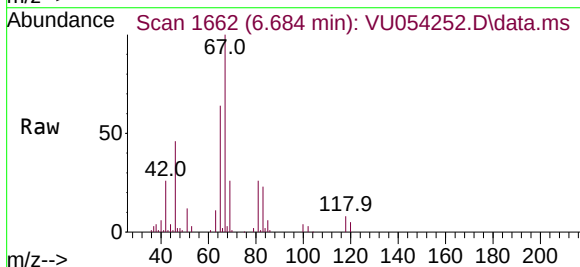
Tgt Ion: 83 Resp: 10863

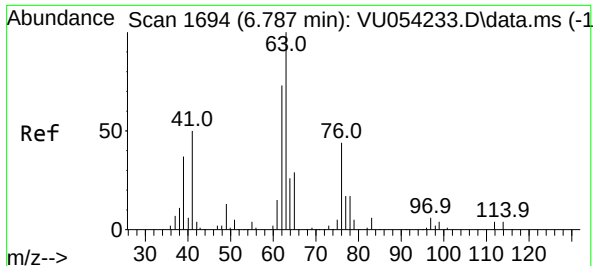
Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.2 41.3 61.9#

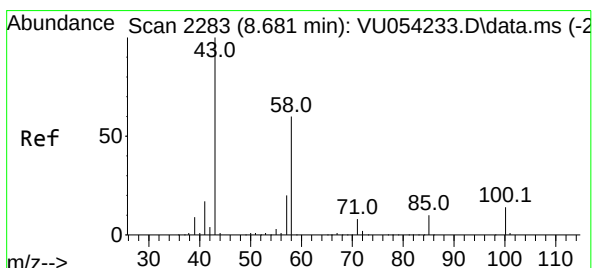
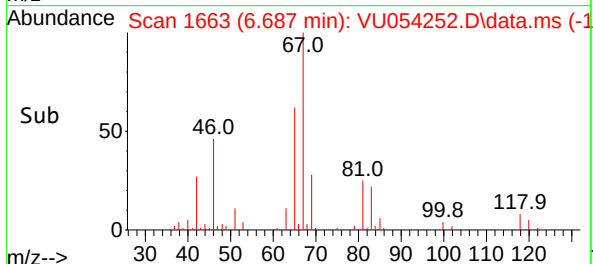
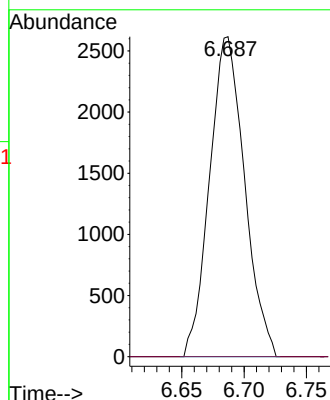
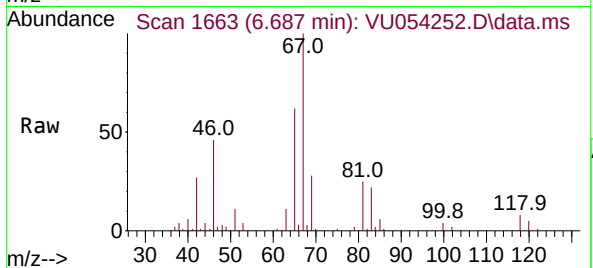




#37
1,2-Dichloropropane
Concen: 0.408 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU054252.D
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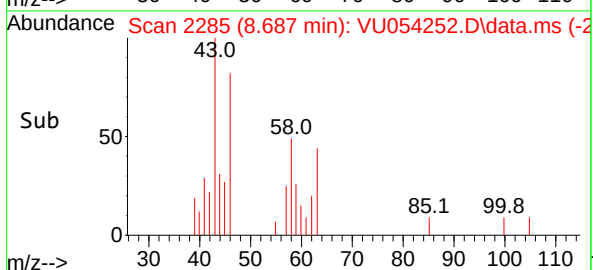
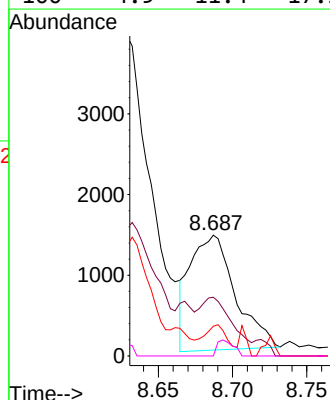
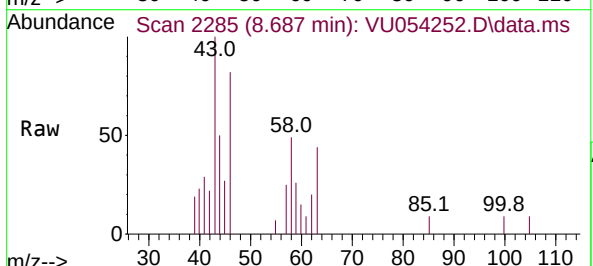
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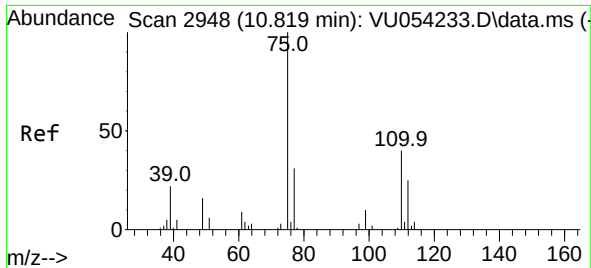
Tgt Ion: 63 Resp: 5111
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



#48
2-Hexanone
Concen: 0.627 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VU054252.D
Acq: 22 May 2023 18:22

Tgt Ion: 43 Resp: 3027
Ion Ratio Lower Upper
43 100
58 26.7 48.6 72.8#
57 14.4 16.7 25.1#
100 4.9 11.4 17.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.333 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU054252.D
 Acq: 22 May 2023 18:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C11G1

Tgt Ion: 75 Resp: 8664
 Ion Ratio Lower Upper
 75 100
 110 3.2 32.3 48.5#
 77 34.0 26.3 39.5

