

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052223\
 Data File : VU054253.D
 Acq On : 22 May 2023 18:46
 Operator : JC/MD
 Sample : 02859-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: May 23 04:02:51 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)

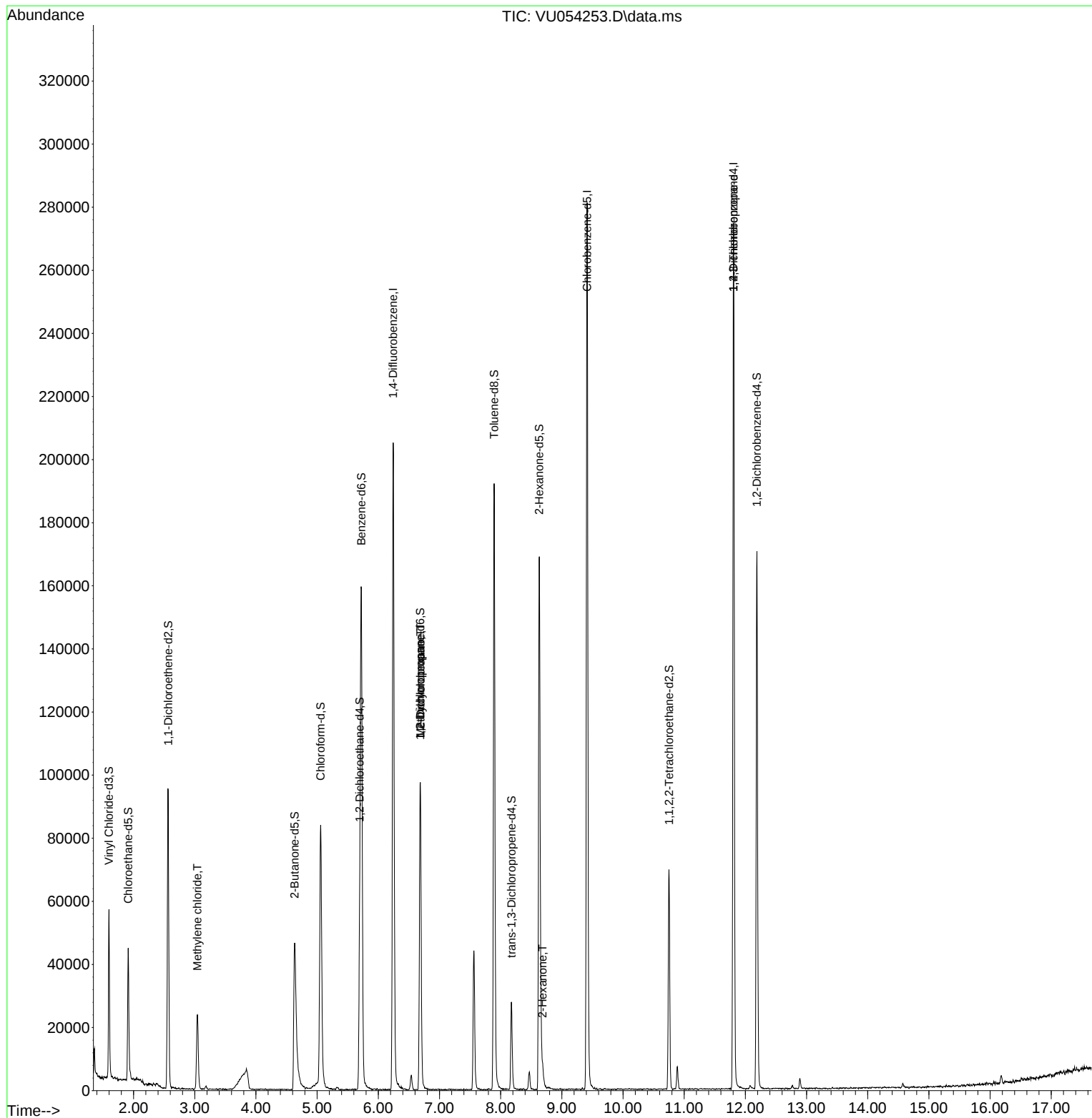
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	169319	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	161870	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	76539	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39747	4.354	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.913	69	32961	4.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.565	65	18496	4.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.633	46	87173	53.549	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.100%
24) Chloroform-d	5.057	84	77068	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.697	65	38261	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.723	84	153041	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.684	67	47546	4.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.893	98	132507	4.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.176	79	17046	4.429	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.629	63	59945	52.316	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.640%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35302	5.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	47498	5.086	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
16) Methylene chloride	3.041	84	12556	0.926	ug/L	97
35) Methylcyclohexane	6.687	83	11960	0.664	ug/L #	18
37) 1,2-Dichloropropane	6.687	63	5374	0.447	ug/L #	88
48) 2-Hexanone	8.684	43	2877	0.621	ug/L #	79
61) 1,2,3-Trichloropropane	11.806	75	8998	1.450	ug/L #	65

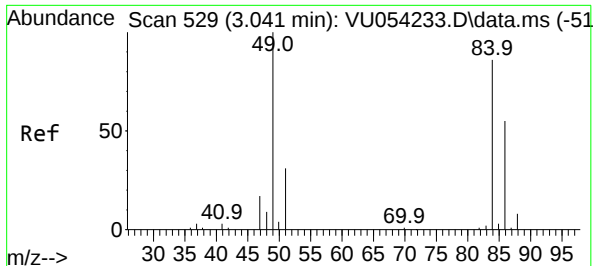
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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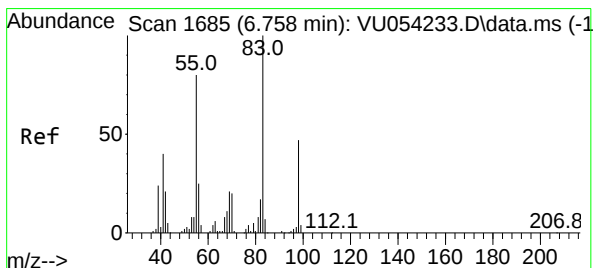
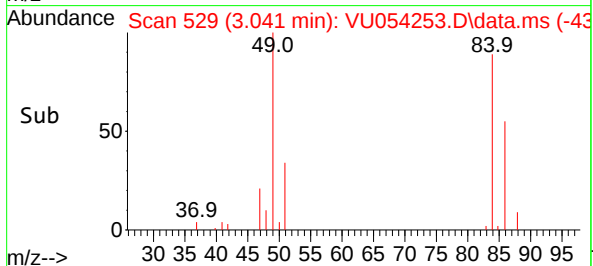
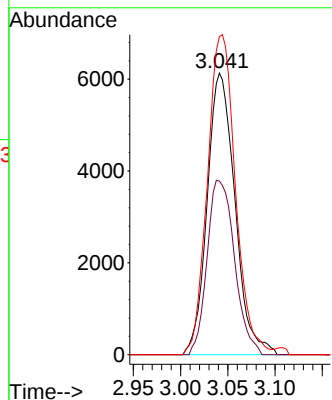
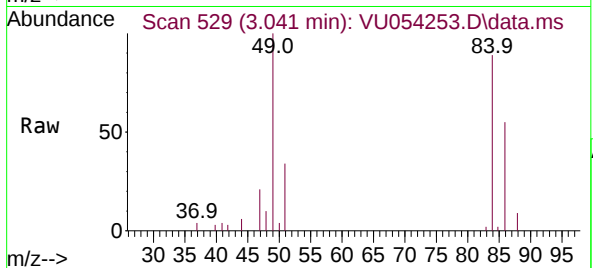




#16
Methylene chloride
Concen: 0.926 ug/L
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU054253.D
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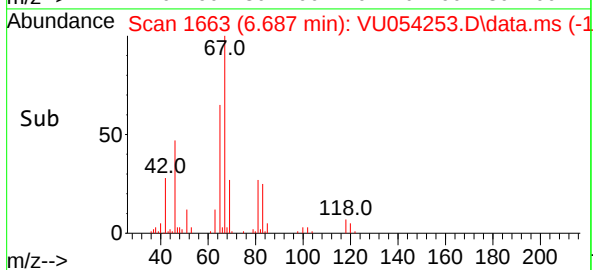
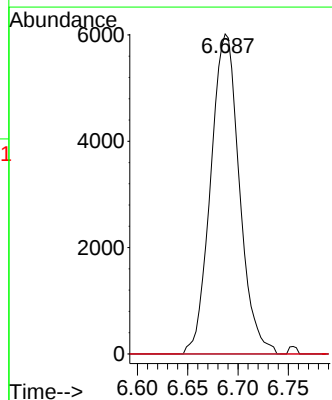
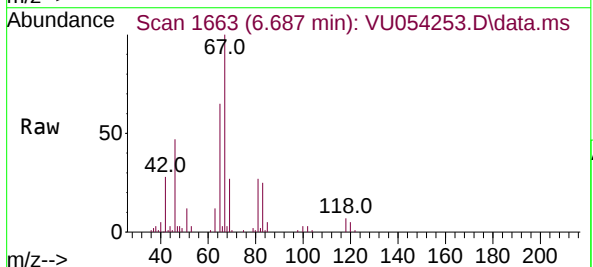
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

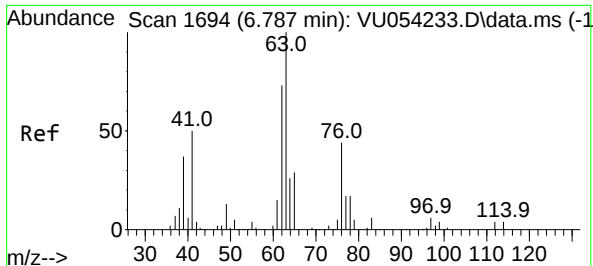
Tgt Ion: 84 Resp: 12556
Ion Ratio Lower Upper
84 100
86 61.6 45.5 84.5
49 113.0 81.3 150.9



#35
Methylcyclohexane
Concen: 0.664 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU054253.D
Acq: 22 May 2023 18:46

Tgt Ion: 83 Resp: 11960
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 1.1 41.3 61.9#

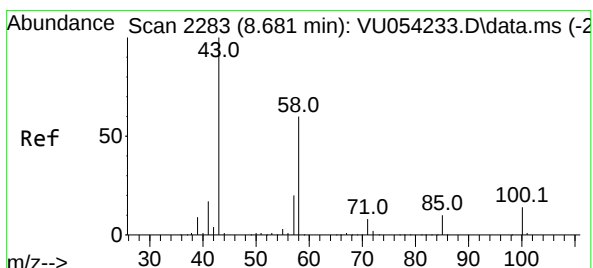
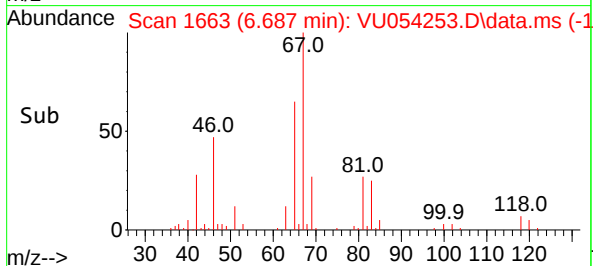
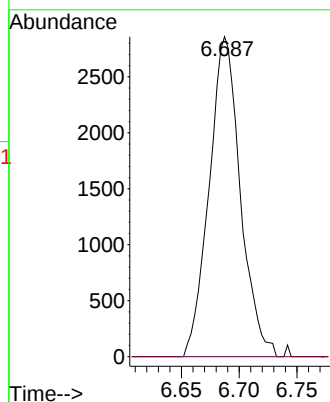
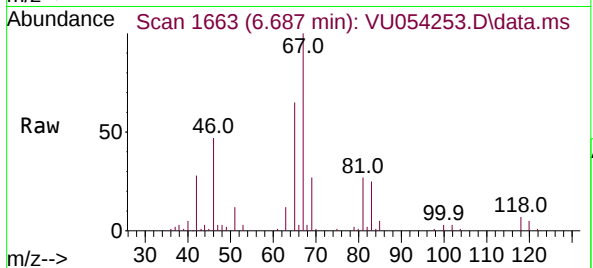




#37
1,2-Dichloropropane
Concen: 0.447 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU054253.D
Acq: 22 May 2023 18:46

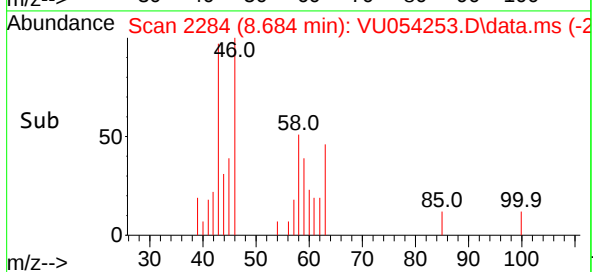
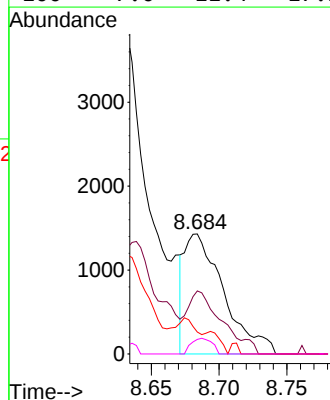
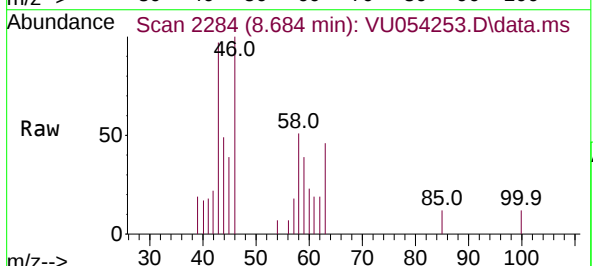
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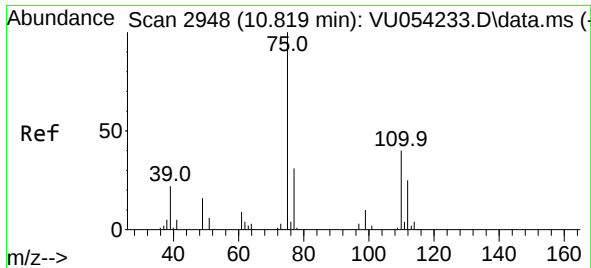
Tgt Ion: 63 Resp: 5374
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#48
2-Hexanone
Concen: 0.621 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.003 min
Lab File: VU054253.D
Acq: 22 May 2023 18:46

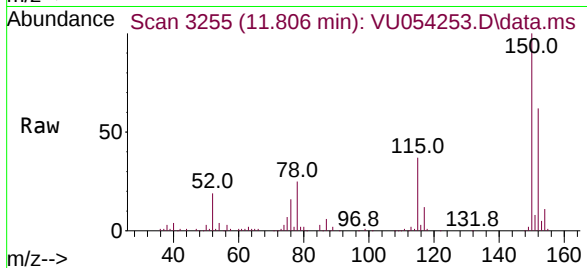
Tgt Ion: 43 Resp: 2877
Ion Ratio Lower Upper
43 100
58 47.3 48.6 72.8#
57 6.3 16.7 25.1#
100 7.0 11.4 17.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.450 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU054253.D
 Acq: 22 May 2023 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001



Tgt Ion: 75	Resp:	8998
Ion	Ratio	Lower Upper
75	100	
110	1.3	32.3 48.5#
77	33.1	26.3 39.5

