

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062023\
 Data File : VU054614.D
 Acq On : 20 Jun 2023 16:23
 Operator : MD/SY
 Sample : 03232-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jun 21 04:03:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 21 04:02:18 2023
 Response via : Initial Calibration

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

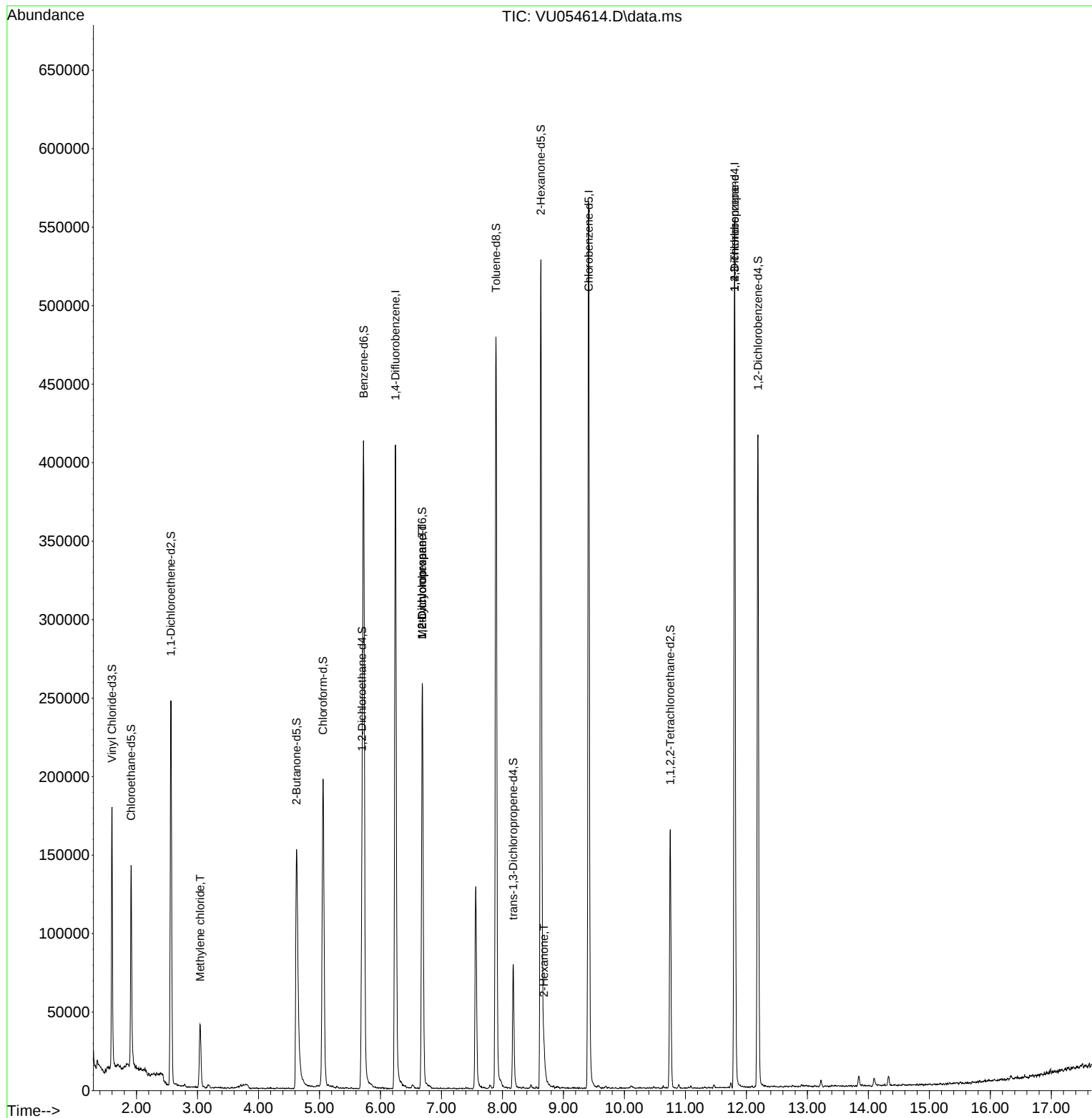
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	318729	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	306000	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	142644	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	126243	6.224	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.400%
7) Chloroethane-d5	1.911	69	97935	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.563	65	48165	5.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.400%
20) 2-Butanone-d5	4.624	46	259434	45.490	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.980%
24) Chloroform-d	5.058	84	185737	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.698	65	95770	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.724	84	381071	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.685	67	128249	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.894	98	324917	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.177	79	45969	4.653	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.631	63	180357	43.518	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.040%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	88175	4.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	109165	4.537	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	19715	0.606	ug/L	92
35) Methylcyclohexane	6.685	83	27421	0.624	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	13566	0.456	ug/L #	90
48) 2-Hexanone	8.682	43	10808	0.914	ug/L #	83
61) 1,2,3-Trichloropropane	11.807	75	18998	1.318	ug/L #	69

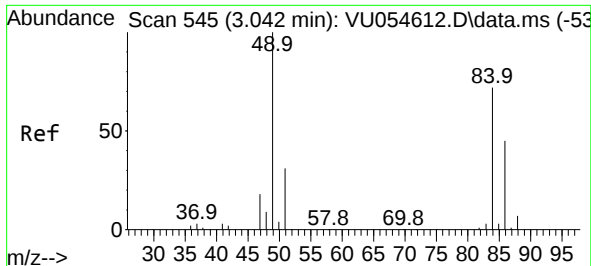
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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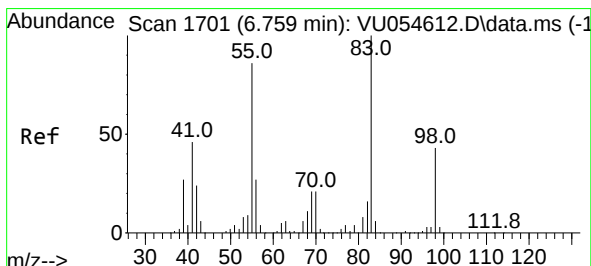
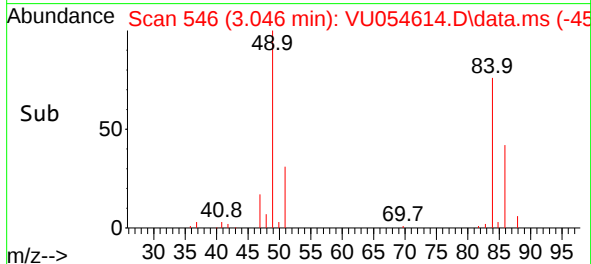
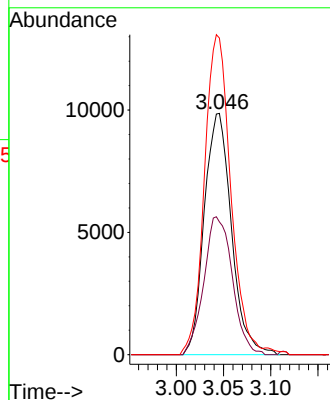
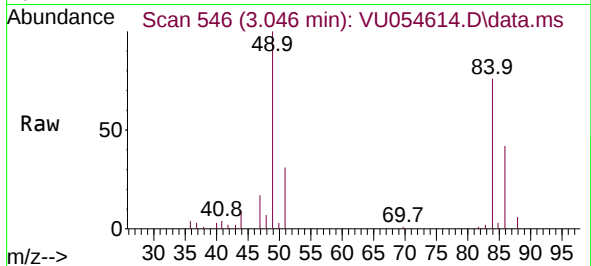




#16
Methylene chloride
Concen: 0.606 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU054614.D
Acq: 20 Jun 2023 16:23

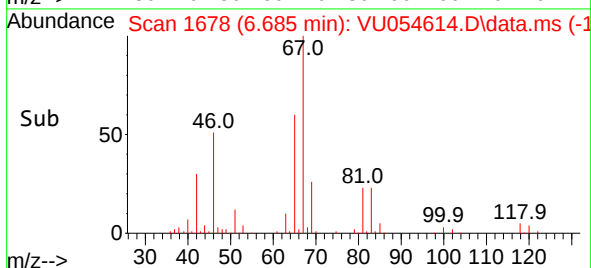
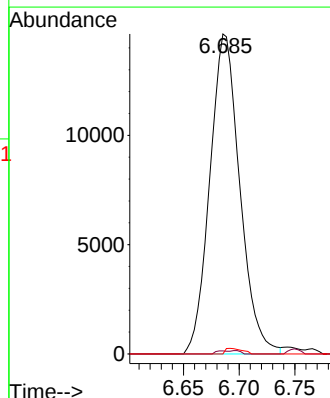
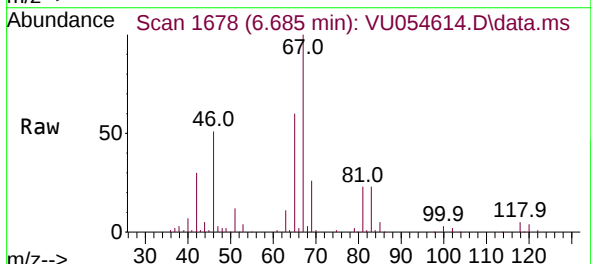
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

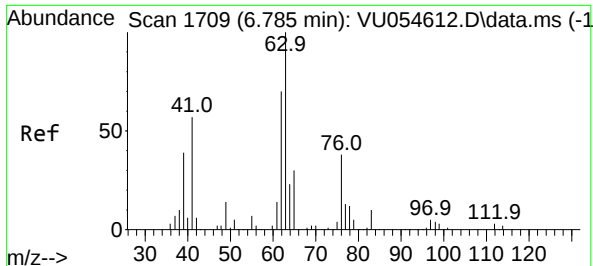
Tgt Ion: 84 Resp: 19715
Ion Ratio Lower Upper
84 100
86 55.1 43.9 81.5
49 131.3 86.1 159.9



#35
Methylcyclohexane
Concen: 0.624 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054614.D
Acq: 20 Jun 2023 16:23

Tgt Ion: 83 Resp: 27421
Ion Ratio Lower Upper
83 100
55 0.4 67.1 100.7#
98 0.7 35.1 52.7#

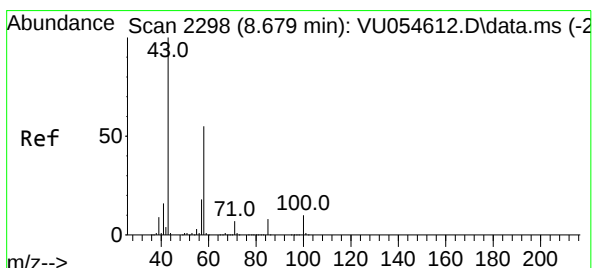
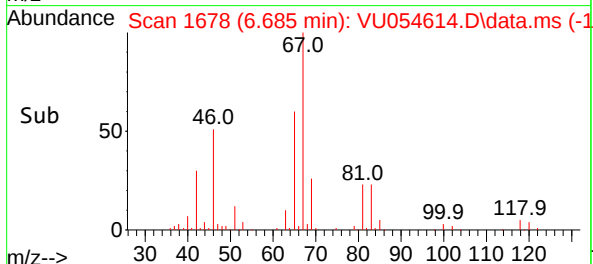
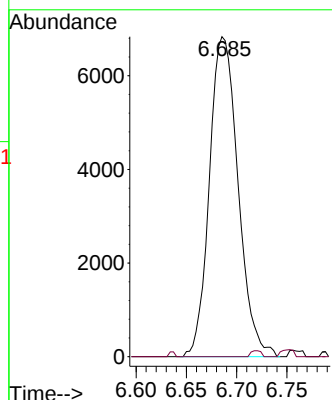
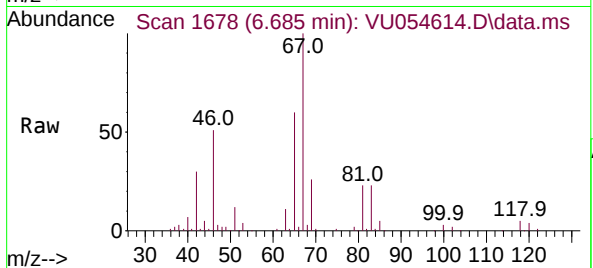




#37
1,2-Dichloropropane
Concen: 0.456 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU054614.D
Acq: 20 Jun 2023 16:23

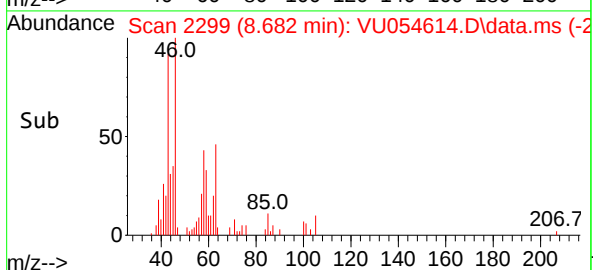
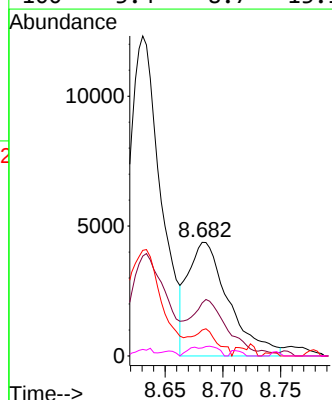
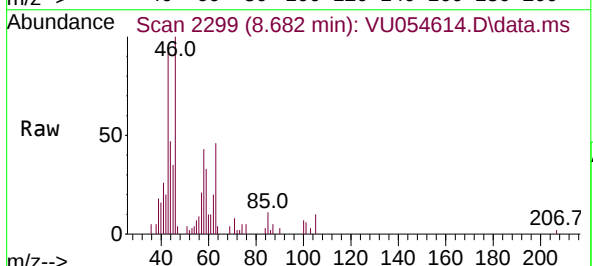
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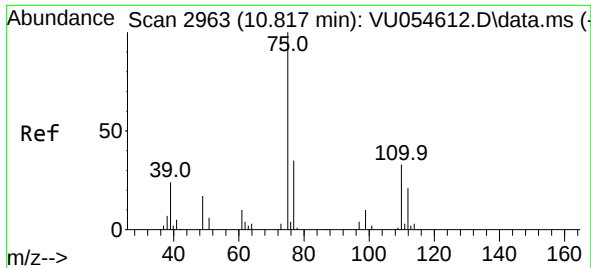
Tgt Ion: 63 Resp: 13566
Ion Ratio Lower Upper
63 100
112 0.7 3.0 4.6#



#48
2-Hexanone
Concen: 0.914 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU054614.D
Acq: 20 Jun 2023 16:23

Tgt Ion: 43 Resp: 10808
Ion Ratio Lower Upper
43 100
58 43.8 45.2 67.8#
57 12.3 15.8 23.6#
100 3.4 8.7 13.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.318 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054614.D
 Acq: 20 Jun 2023 16:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 18998
 Ion Ratio Lower Upper
 75 100
 110 2.0 28.0 42.0#
 77 30.7 25.4 38.2

