

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052824\
 Data File : VU059034.D
 Acq On : 28 May 2024 16:54
 Operator : MD/SY
 Sample : P2570-01ME
 Misc : 4.88g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 29 02:44:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:38:59 2024
 Response via : Initial Calibration

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

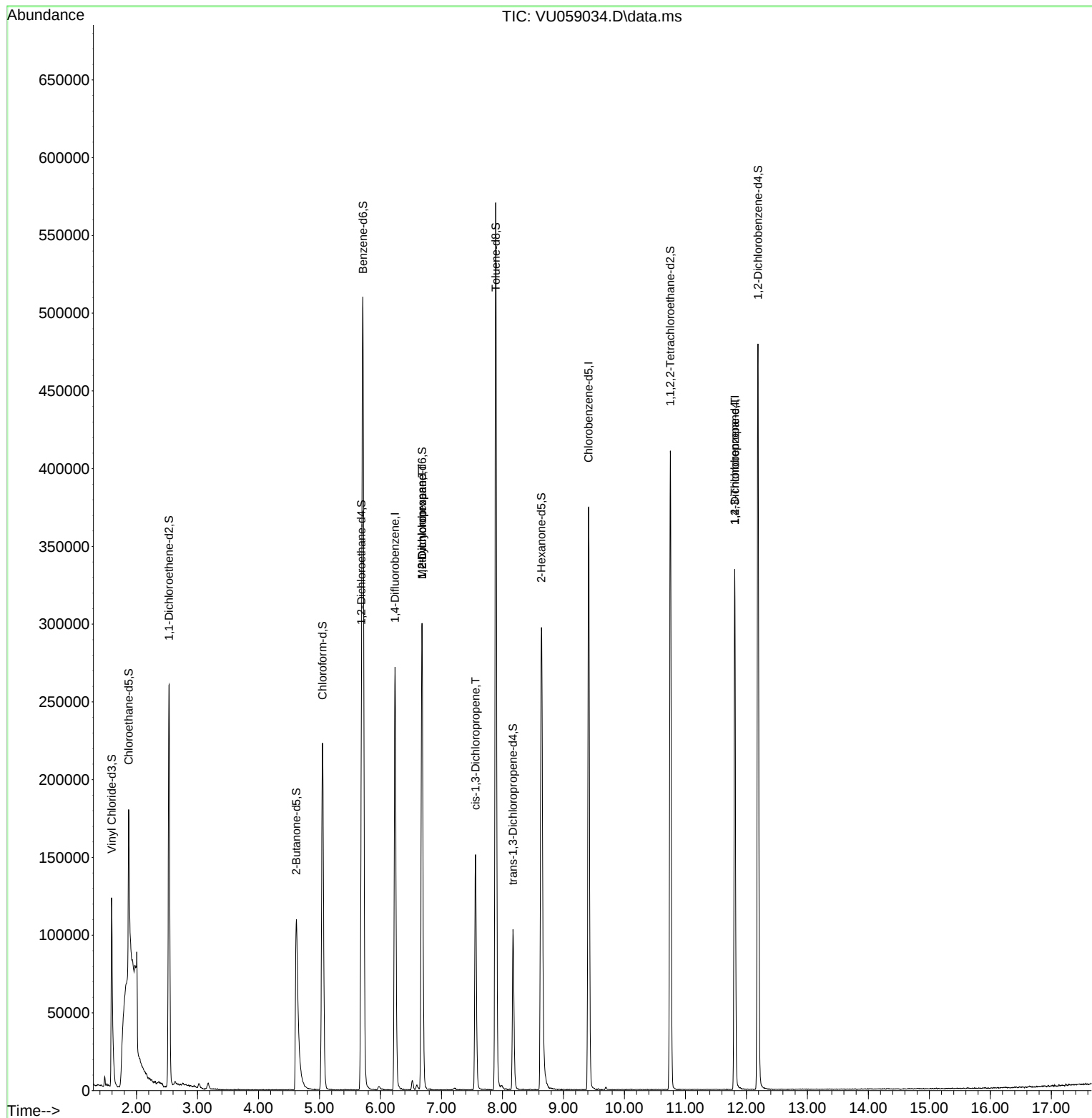
Internal Standards							
1) 1,4-Difluorobenzene		6.238	114	212565	50.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	207079	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.811	152	83690	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.592	65	122073	54.299	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.600%	
7) Chloroethane-d5		1.872	69	100957	54.034	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.060%	
11) 1,1-Dichloroethene-d2		2.531	63	161119	46.908	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.820%	
21) 2-Butanone-d5		4.621	46	214761	139.069	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	139.070%#	
24) Chloroform-d		5.049	84	212786	55.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.360%	
26) 1,2-Dichloroethane-d4		5.689	65	146424	62.087	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.180%	
32) Benzene-d6		5.714	84	446174	63.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	126.400%#	
36) 1,2-Dichloropropane-d6		6.682	67	151356	64.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	129.820%#	
41) Toluene-d8		7.891	98	376455	59.490	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.980%	
43) trans-1,3-Dichloroprop...		8.174	79	61444	58.683	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.360%	
47) 2-Hexanone-d5		8.640	63	136501	141.540	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	141.540%#	
56) 1,1,2,2-Tetrachloroeth...		10.753	84	222885	63.536	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	127.080%#	
66) 1,2-Dichlorobenzene-d4		12.190	152	119292	69.081	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	138.160%#	
Target Compounds							
35) Methylcyclohexane		6.682	83	32176	16.614	ug/L #	19
37) 1,2-Dichloropropane		6.682	63	15619	7.720	ug/L #	91
39) cis-1,3-Dichloropropene		7.560	75	3772	1.353	ug/L #	64
60) 1,2,3-Trichloropropane		11.811	75	12350	5.799	ug/L #	68

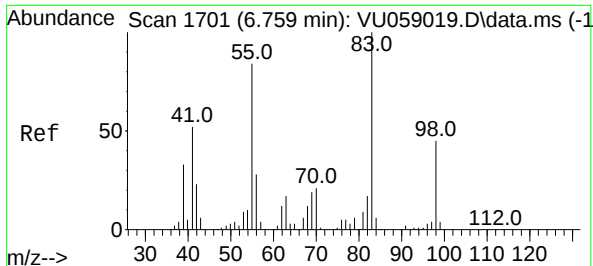
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 16.614 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU059034.D

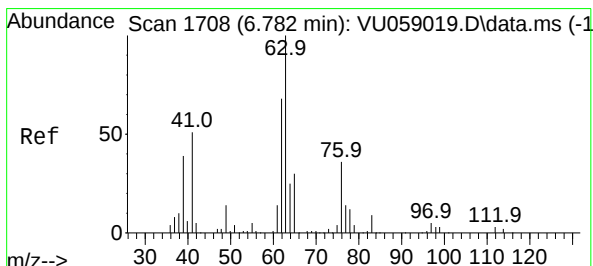
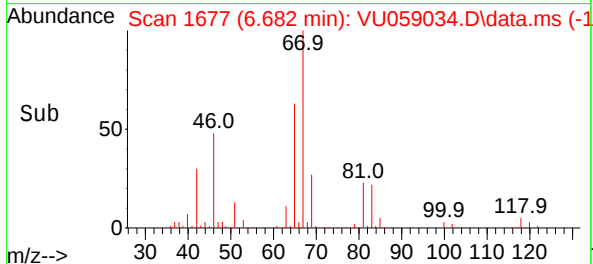
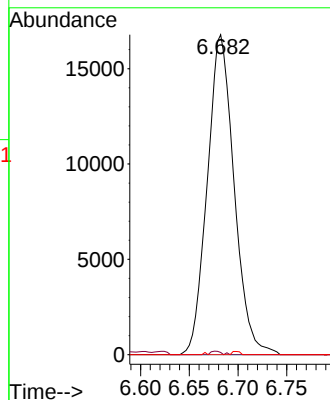
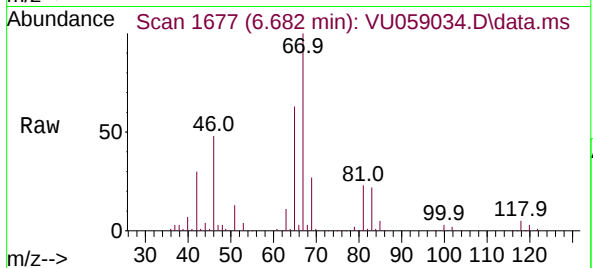
Acq: 28 May 2024 16:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	32176
Ion Ratio	Lower	Upper	
83	100		
55	0.1	61.5	92.3#
98	0.3	36.2	54.2#



#37

1,2-Dichloropropane

Concen: 7.720 ug/L

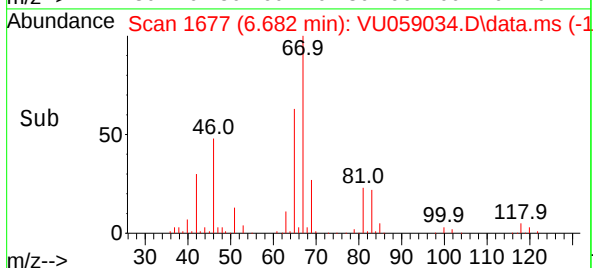
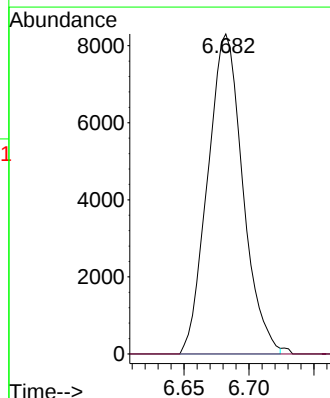
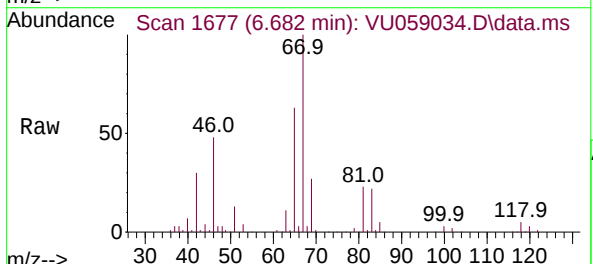
RT: 6.682 min Scan# 1677

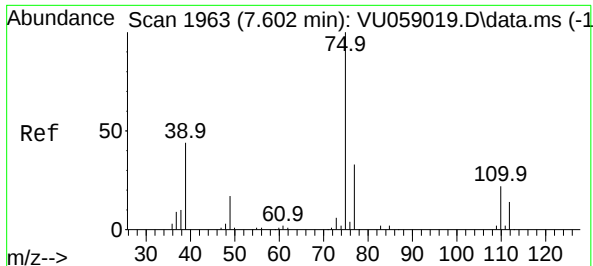
Delta R.T. -0.100 min

Lab File: VU059034.D

Acq: 28 May 2024 16:54

Tgt Ion:	63	Resp:	15619
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.5	3.7#

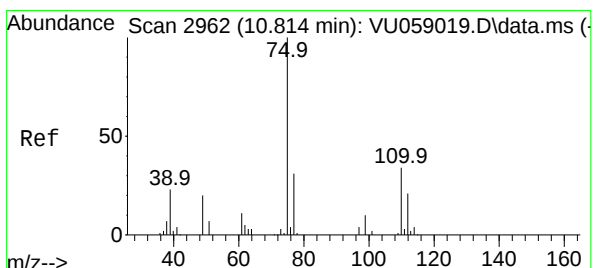
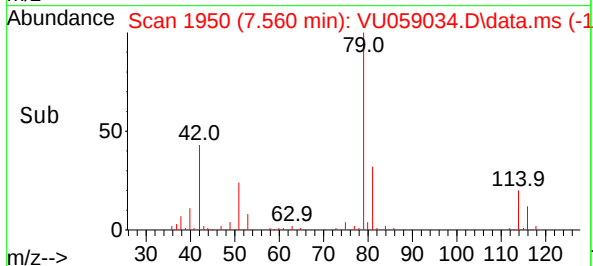
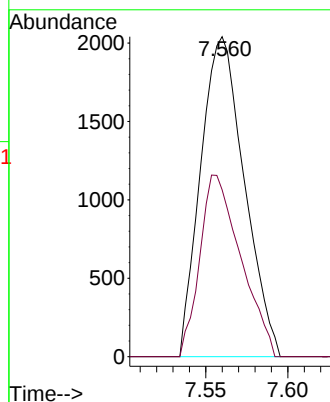
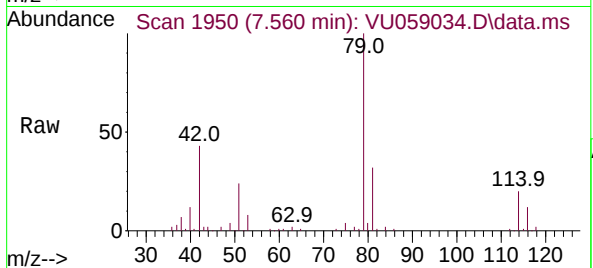




#39
 cis-1,3-Dichloropropene
 Concen: 1.353 ug/L
 RT: 7.560 min Scan# 11
 Delta R.T. -0.042 min
 Lab File: VU059034.D
 Acq: 28 May 2024 16:54

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 3772
 Ion Ratio Lower Upper
 75 100
 77 52.2 22.5 41.7#



#60
 1,2,3-Trichloropropane
 Concen: 5.799 ug/L
 RT: 11.811 min Scan# 3272
 Delta R.T. 0.997 min
 Lab File: VU059034.D
 Acq: 28 May 2024 16:54

Tgt Ion: 75 Resp: 12350
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.8 38.6
 110 1.5 28.3 42.5#

