

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053124\
 Data File : VU059116.D
 Acq On : 31 May 2024 16:25
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 01:20:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 01 01:17:21 2024
 Response via : Initial Calibration

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

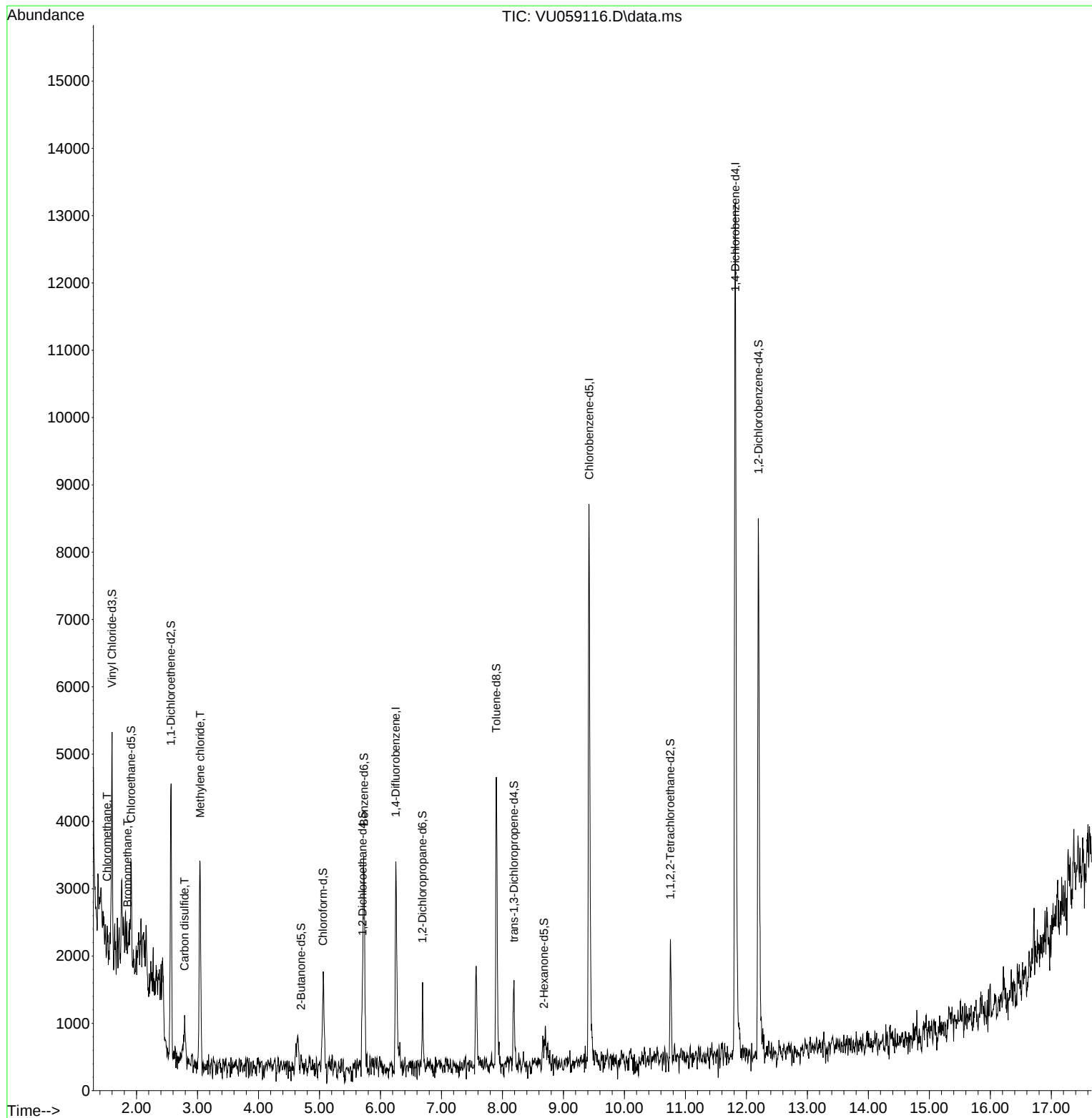
Internal Standards						
1) 1,4-Difluorobenzene	6.251	114	3619	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.422	117	5980	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.820	152	4473	50.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	1604	74.024	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	148.040%#
7) Chloroethane-d5	1.911	69	902	48.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.180%
11) 1,1-Dichloroethene-d2	2.563	63	2518	58.872	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.740%
21) 2-Butanone-d5	4.698	46	77	3.770	ug/L	0.09
Spiked Amount	100.000	Range	40 - 130	Recovery	=	3.770%#
24) Chloroform-d	5.058	84	1279	29.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.300%#
26) 1,2-Dichloroethane-d4	5.705	65	940	35.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.100%
32) Benzene-d6	5.730	84	3181	23.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	46.360%#
36) 1,2-Dichloropropane-d6	6.689	67	731	15.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	30.900%#
41) Toluene-d8	7.901	98	3470	29.782	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	59.560%#
43) trans-1,3-Dichloroprop...	8.187	79	981	51.283	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.560%
47) 2-Hexanone-d5	8.682	63	119	5.438	ug/L	0.06
Spiked Amount	100.000	Range	45 - 130	Recovery	=	5.440%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	1259	15.720	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	31.440%#
66) 1,2-Dichlorobenzene-d4	12.196	152	2847	42.650	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	344	8.117	ug/L	97
6) Bromomethane	1.853	94	69	2.071	ug/L	# 2
14) Carbon disulfide	2.788	76	720	8.360	ug/L	# 75
16) Methylene chloride	3.042	84	1461	42.225	ug/L	83

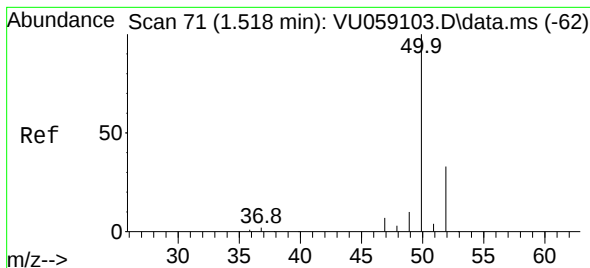
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 01 01:17:21 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 8.117 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU059116.D

Acq: 31 May 2024 16:25

Instrument :

MSVOA_U

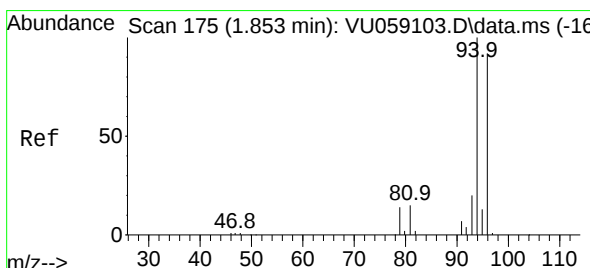
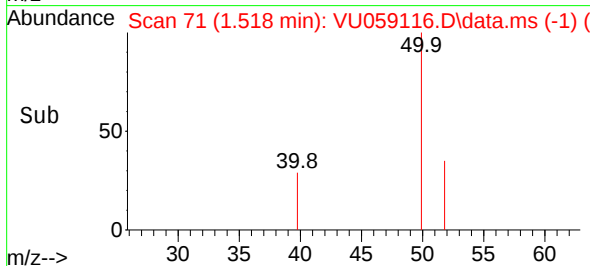
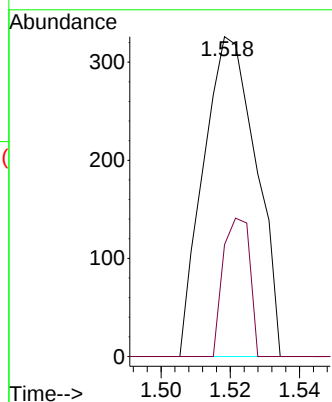
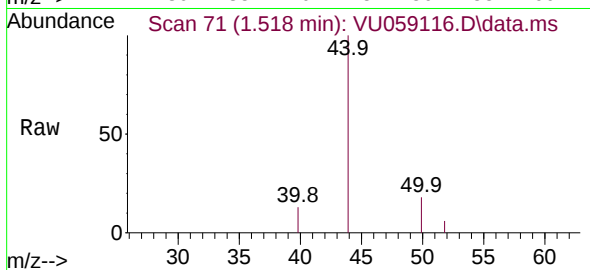
ClientSampleId :

Tgt Ion: 50 Resp: 344

Ion Ratio Lower Upper

50 100

52 35.0 23.2 43.2



#6

Bromomethane

Concen: 2.071 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU059116.D

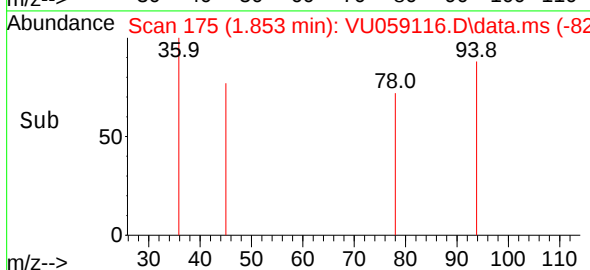
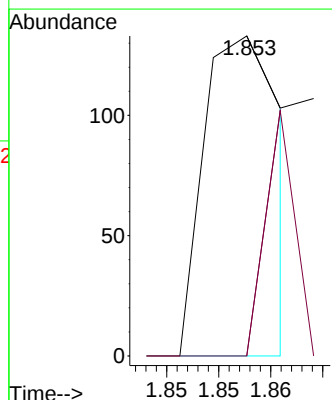
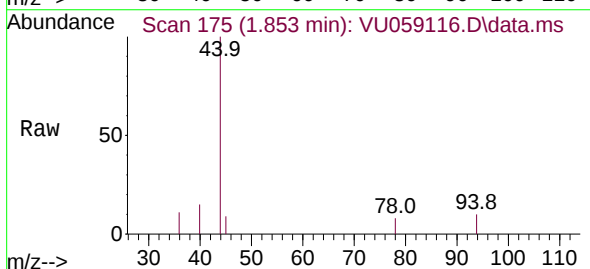
Acq: 31 May 2024 16:25

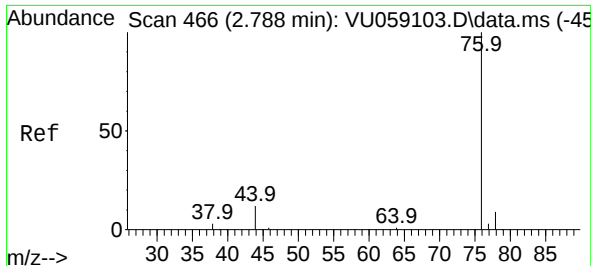
Tgt Ion: 94 Resp: 69

Ion Ratio Lower Upper

94 100

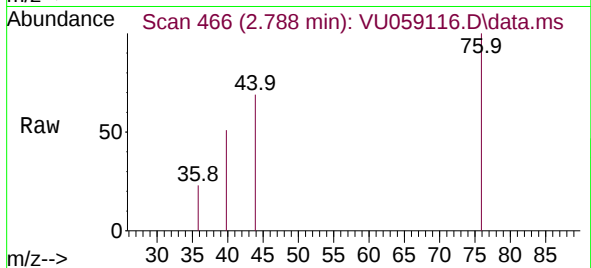
96 0.0 67.1 124.7#



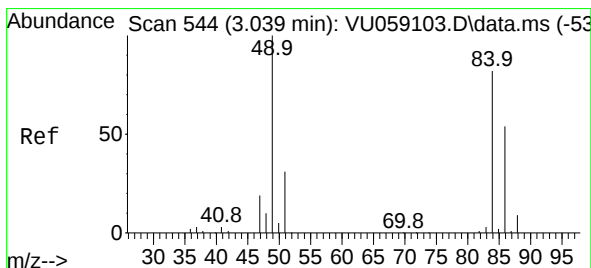
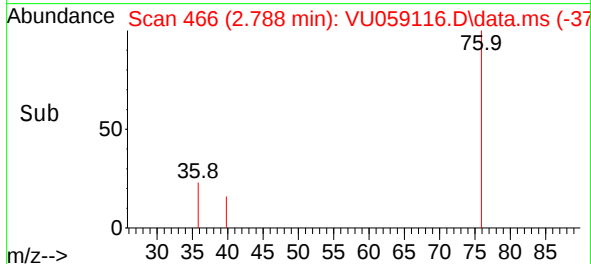
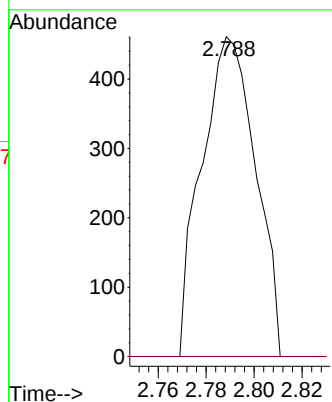


#14
Carbon disulfide
Concen: 8.360 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
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Instrument :
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ClientSampleId :



Tgt Ion: 76 Resp: 720
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#16
Methylene chloride
Concen: 42.225 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU059116.D
Acq: 31 May 2024 16:25

Tgt Ion: 84 Resp: 1461
Ion Ratio Lower Upper
84 100
86 53.9 44.9 83.3
49 102.6 87.5 162.5

