

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029436.D
 Acq On : 07 Dec 2022 23:03
 Operator : SY/MD
 Sample : N5894-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA8

Quant Time: Dec 08 05:36:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

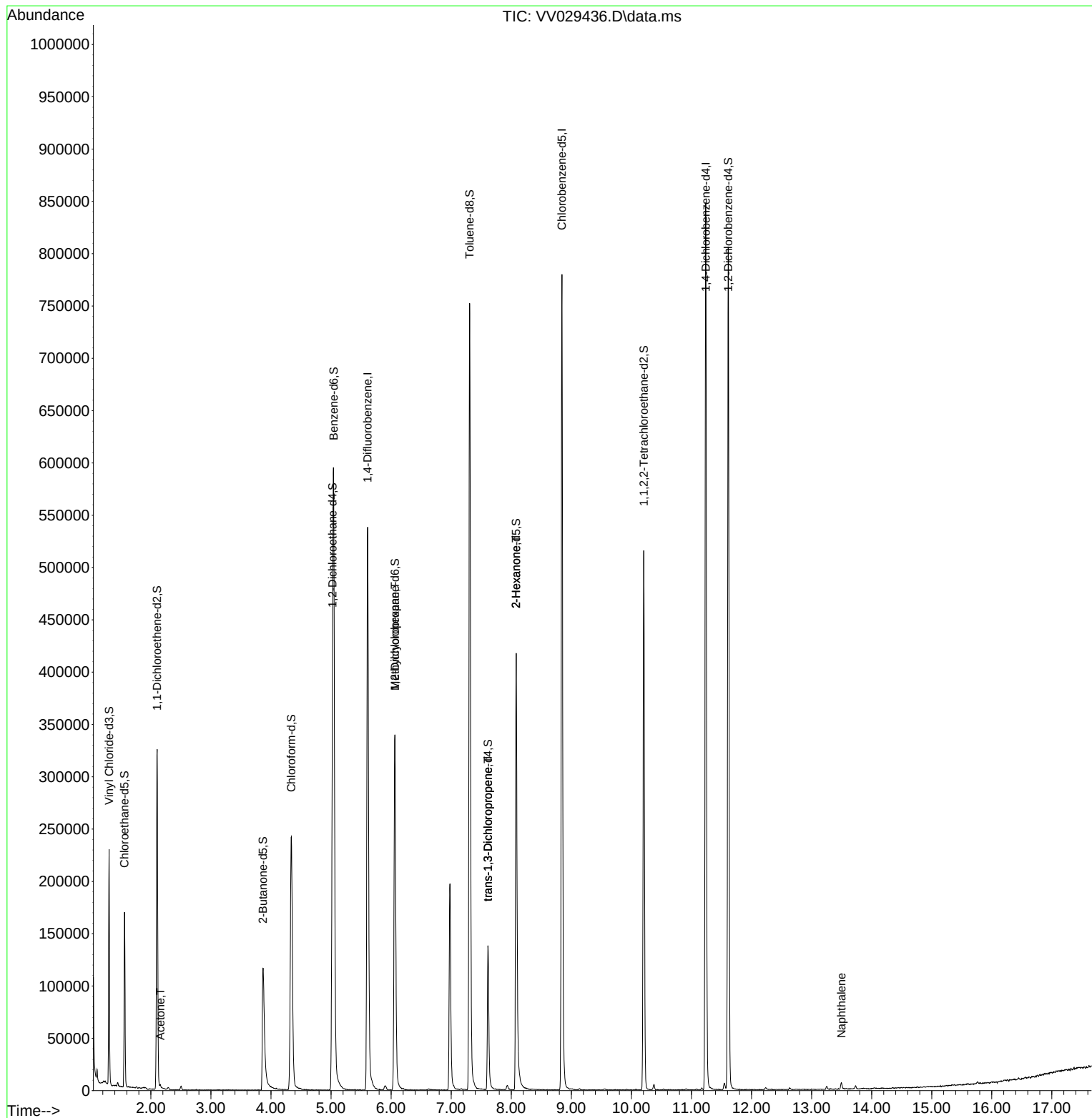
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	487840	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	453020	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	231115	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	135161	45.245	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	90.480%	
7) Chloroethane-d5	1.561	69	107219	47.069	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.140%	
11) 1,1-Dichloroethene-d2	2.101	63	163546	35.100	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.200%	
21) 2-Butanone-d5	3.867	46	186804	102.507	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	102.510%	
24) Chloroform-d	4.339	84	264342	47.023	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.040%	
26) 1,2-Dichloroethane-d4	5.024	65	160871	50.105	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.200%	
32) Benzene-d6	5.043	84	580259	48.475	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.940%	
36) 1,2-Dichloropropane-d6	6.063	67	175717	48.058	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.120%	
41) Toluene-d8	7.307	98	528973	46.900	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.800%	
43) trans-1,3-Dichloroprop...	7.612	79	85276	46.187	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.380%	
47) 2-Hexanone-d5	8.082	63	159825	102.363	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	102.360%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	255353	48.872	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.740%	
66) 1,2-Dichlorobenzene-d4	11.612	152	216645	49.243	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.480%	
Target Compounds						
					Qvalue	
13) Acetone	2.159	43	2736	2.305	ug/L	96
35) Methylcyclohexane	6.063	83	42808	7.877	ug/L #	21
44) trans-1,3-Dichloropropene	7.612	75	3255	0.678	ug/L #	70
48) 2-Hexanone	8.082	43	15336	5.463	ug/L #	68
71) Naphthalene	13.496	128	6245	0.586	ug/L	99

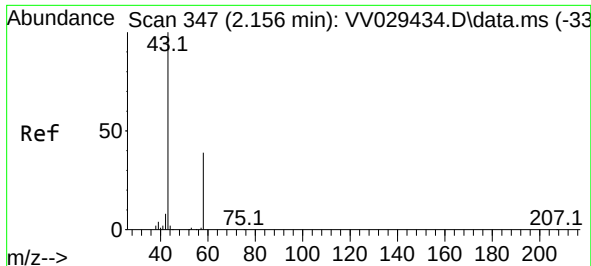
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.305 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.003 min

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Acq: 07 Dec 2022 23:03

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MSVOA_V

ClientSampleId :

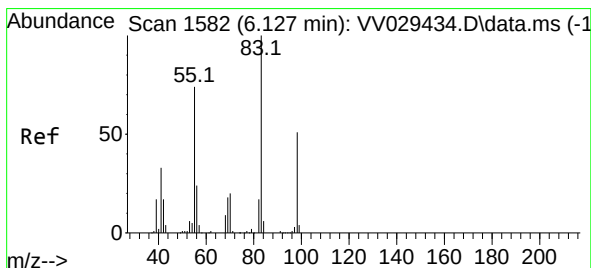
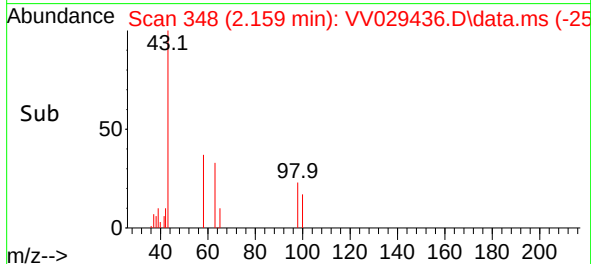
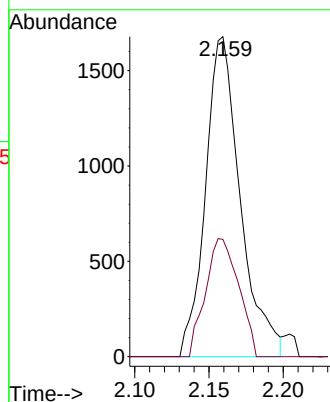
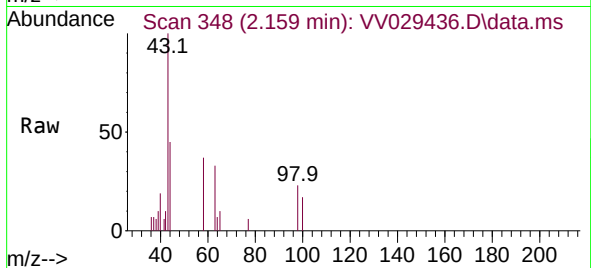
C0AA8

Tgt Ion: 43 Resp: 2736

Ion Ratio Lower Upper

43 100

58 35.1 0.0 74.8



#35

Methylcyclohexane

Concen: 7.877 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.064 min

Lab File: VV029436.D

Acq: 07 Dec 2022 23:03

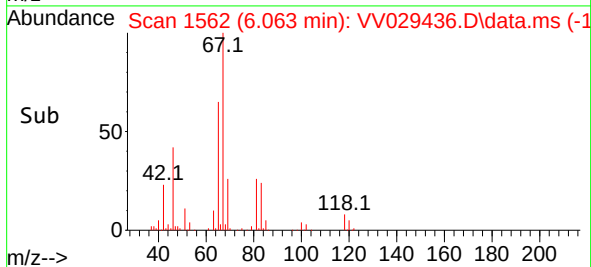
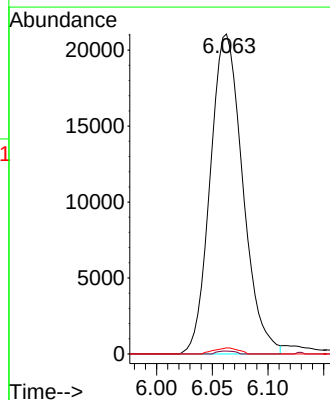
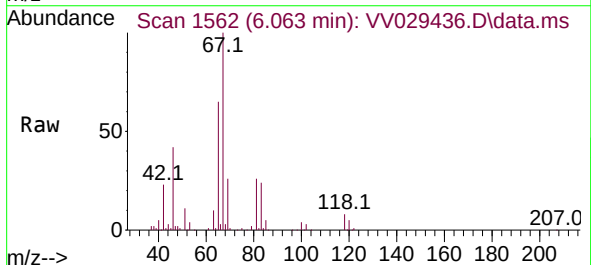
Tgt Ion: 83 Resp: 42808

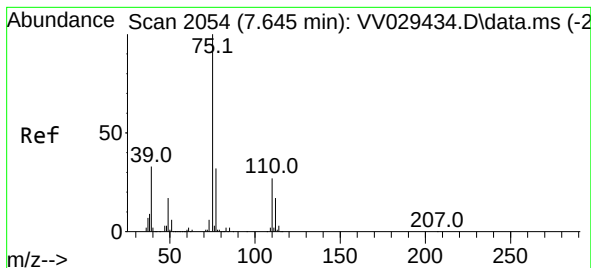
Ion Ratio Lower Upper

83 100

55 0.5 55.5 83.3#

98 1.4 39.8 59.8#





#44

trans-1,3-Dichloropropene

Concen: 0.678 ug/L

RT: 7.612 min Scan# 2054

Delta R.T. -0.032 min

Lab File: VV029436.D

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Instrument :

MSVOA_V

ClientSampleId :

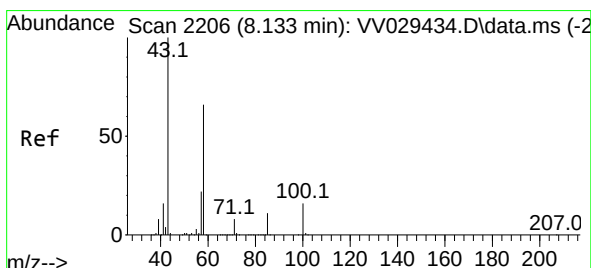
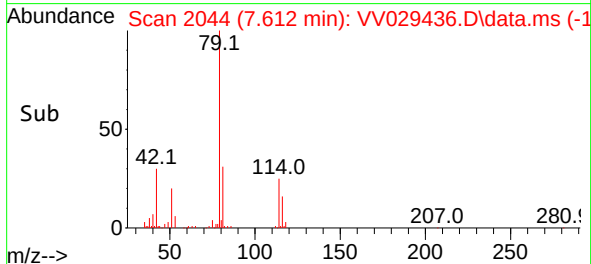
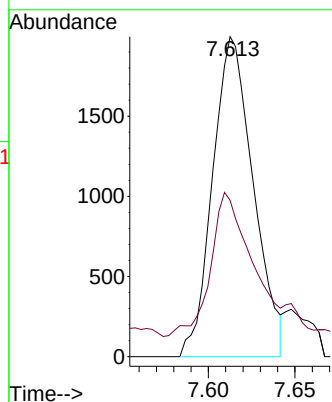
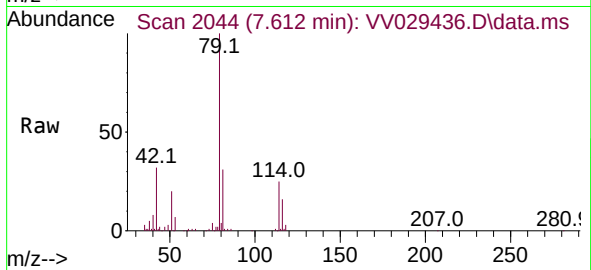
C0AA8

Tgt Ion: 75 Resp: 3255

Ion Ratio Lower Upper

75 100

77 48.8 22.3 41.5#



#48

2-Hexanone

Concen: 5.463 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. -0.051 min

Lab File: VV029436.D

Acq: 07 Dec 2022 23:03

Tgt Ion: 43 Resp: 15336

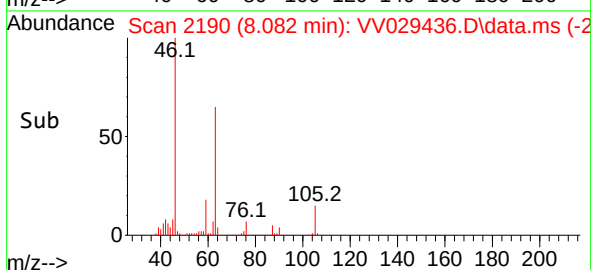
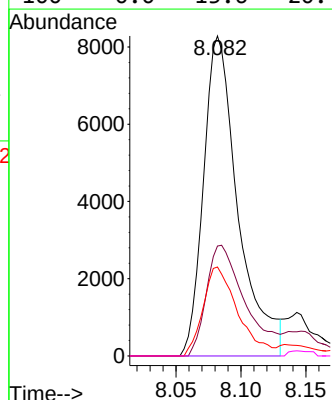
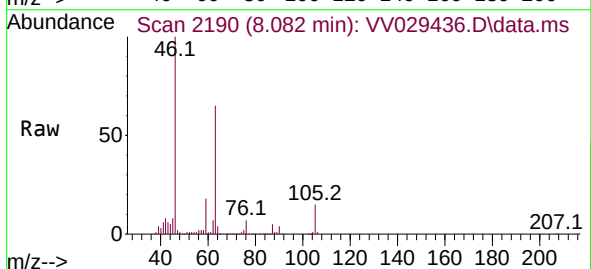
Ion Ratio Lower Upper

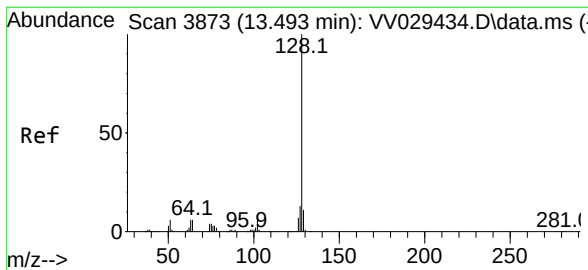
43 100

58 39.0 54.1 81.1#

57 28.1 17.4 26.0#

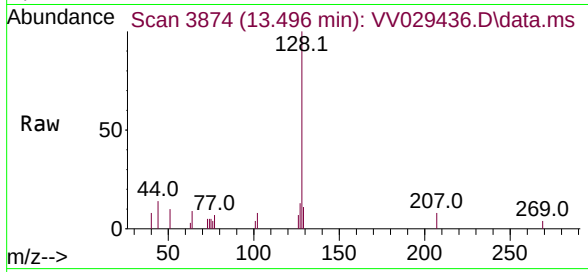
100 0.0 13.6 20.4#





#71
 Naphthalene
 Concen: 0.586 ug/L
 RT: 13.496 min Scan# 3874
 Delta R.T. 0.003 min
 Lab File: VV029436.D
 Acq: 07 Dec 2022 23:03

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA8



Tgt Ion:	128	Resp:	6245
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	9.9	8.5	12.7

