

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121922\
 Data File : VW029710.D
 Acq On : 19 Dec 2022 10:45
 Operator : SY/MD
 Sample : PB149722TB 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VLEB722

Quant Time: Dec 20 00:51:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 20 00:50:16 2022
 Response via : Initial Calibration

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

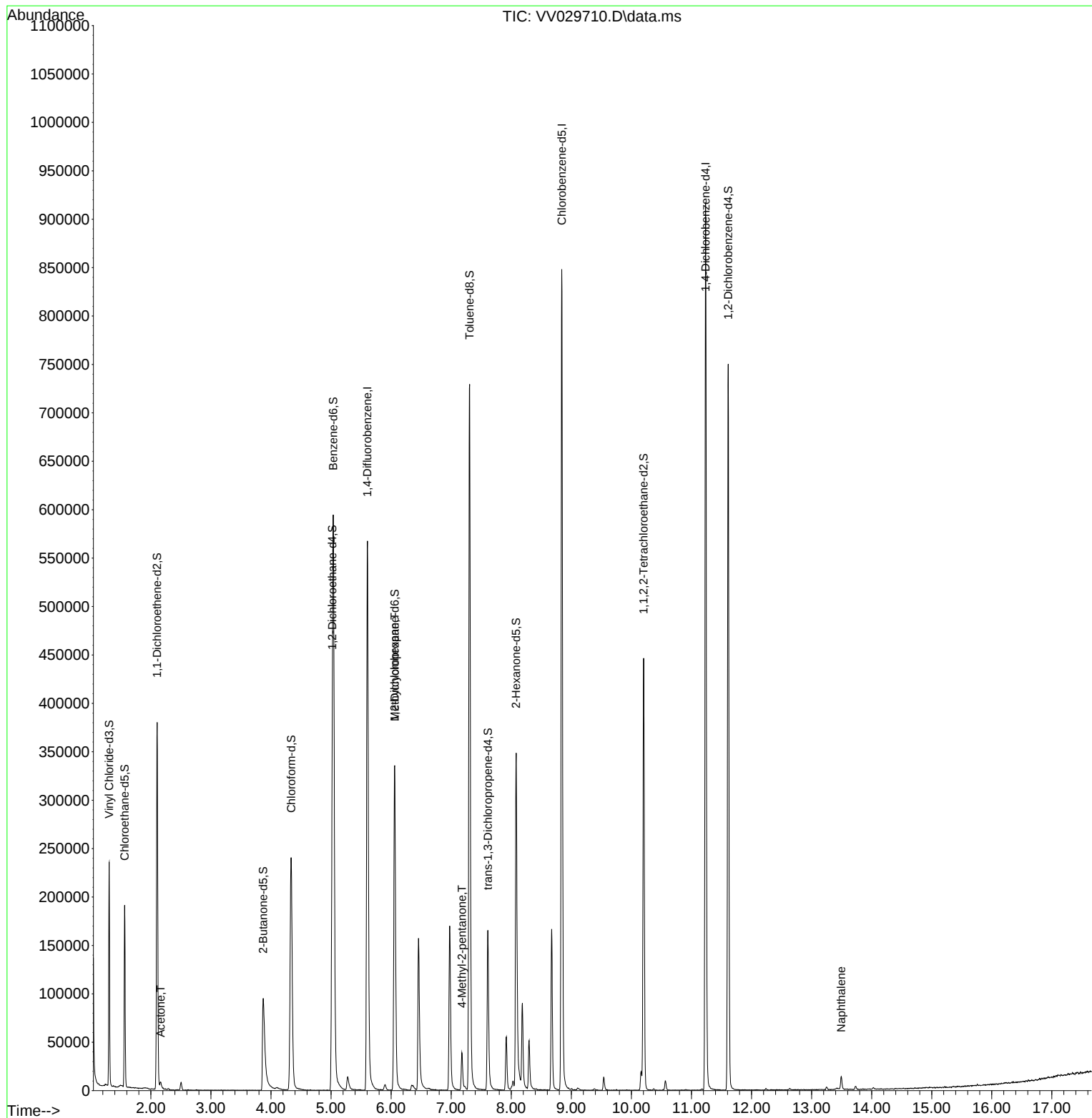
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	527534	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	495886	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	248337	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	148339	45.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.840%
7) Chloroethane-d5	1.564	69	123120	49.982	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.960%
11) 1,1-Dichloroethene-d2	2.105	63	196591	39.017	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.040%
21) 2-Butanone-d5	3.870	46	154526	78.415	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.410%
24) Chloroform-d	4.336	84	264244	43.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.940%
26) 1,2-Dichloroethane-d4	5.021	65	155376	44.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.500%
32) Benzene-d6	5.037	84	582009	44.418	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.840%
36) 1,2-Dichloropropane-d6	6.059	67	179429	44.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.660%
41) Toluene-d8	7.307	98	521178	42.215	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.420%
43) trans-1,3-Dichloroprop...	7.612	79	74174	36.701	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.400%
47) 2-Hexanone-d5	8.082	63	129156	75.570	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.570%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	220796	38.605	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.220%
66) 1,2-Dichlorobenzene-d4	11.612	152	201360	42.594	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.180%
Target Compounds						
					Qvalue	
13) Acetone	2.162	43	6600	5.141	ug/L	99
35) Methylcyclohexane	6.059	83	41297	6.942	ug/L #	20
40) 4-Methyl-2-pentanone	7.178	43	12834	3.191	ug/L #	45
71) Naphthalene	13.493	128	11883	1.038	ug/L	95

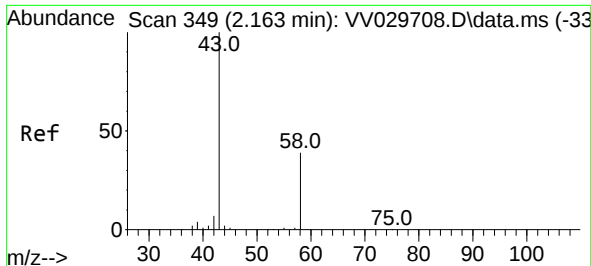
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.141 ug/L

RT: 2.162 min Scan# 34

Delta R.T. -0.000 min

Lab File: VV029710.D

Acq: 19 Dec 2022 10:45

Instrument :

MSVOA_V

ClientSampleId :

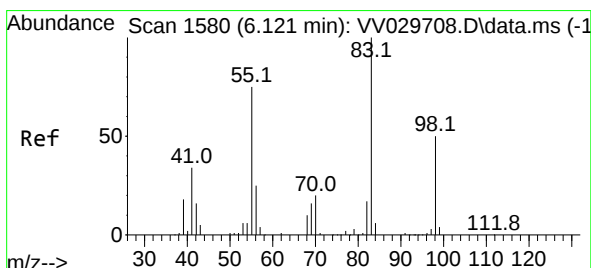
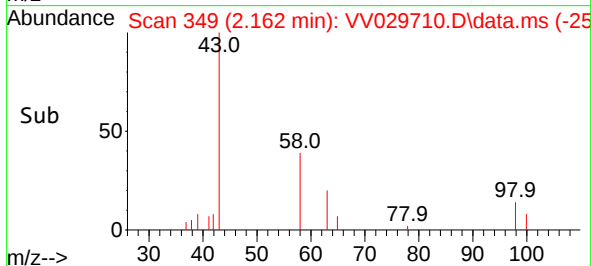
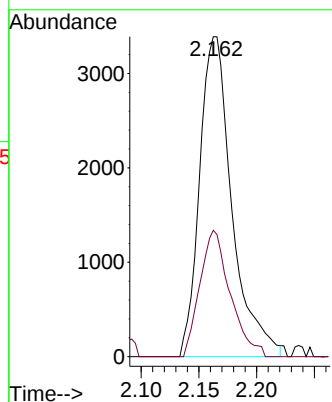
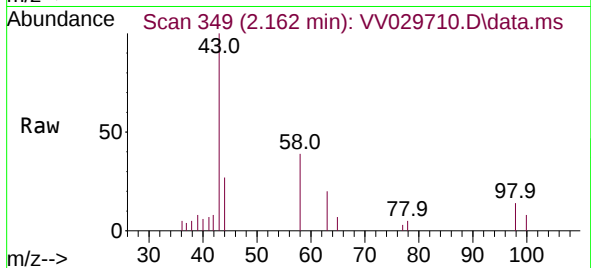
VLEB722

Tgt Ion: 43 Resp: 6600

Ion Ratio Lower Upper

43 100

58 36.7 0.0 74.8



#35

Methylcyclohexane

Concen: 6.942 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.061 min

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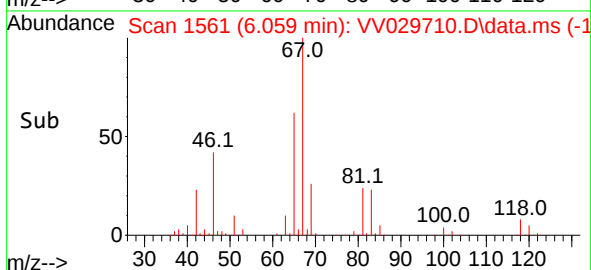
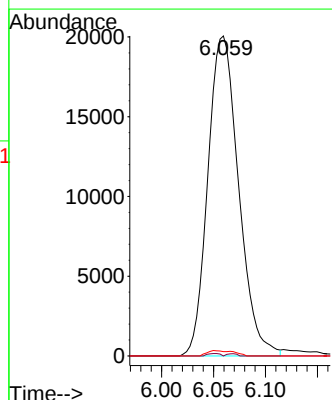
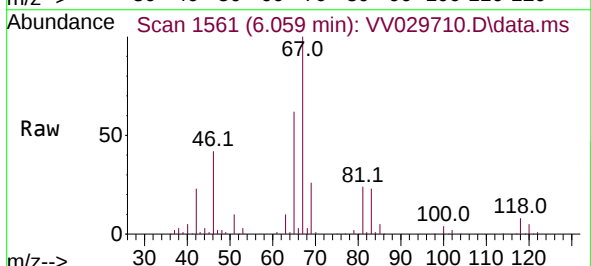
Tgt Ion: 83 Resp: 41297

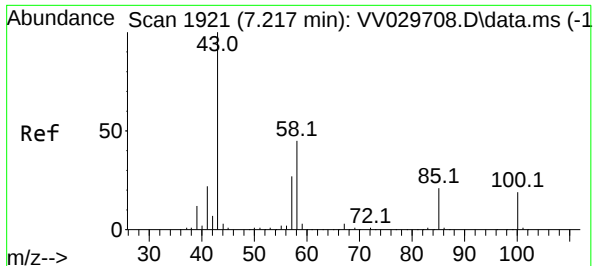
Ion Ratio Lower Upper

83 100

55 0.2 55.5 83.3#

98 0.0 39.8 59.8#





#40

4-Methyl-2-pentanone

Concen: 3.191 ug/L

RT: 7.178 min Scan# 1921

Delta R.T. -0.039 min

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VLEB722

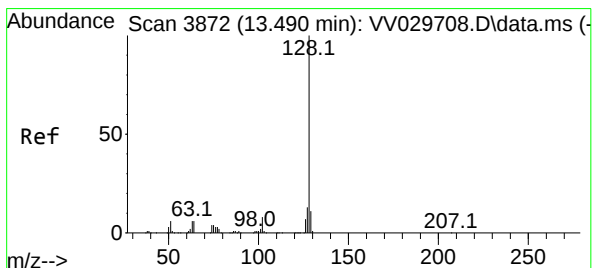
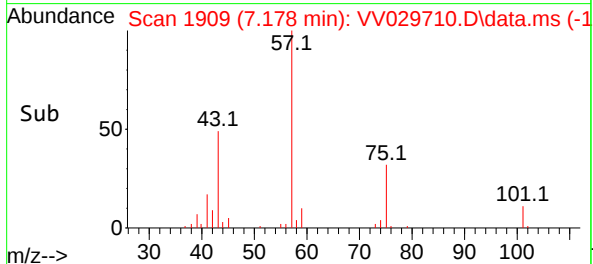
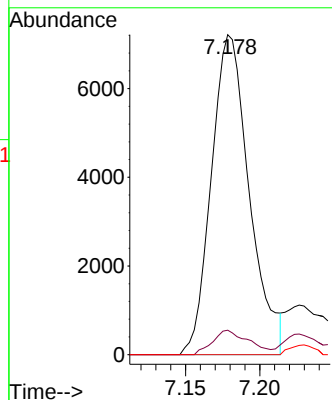
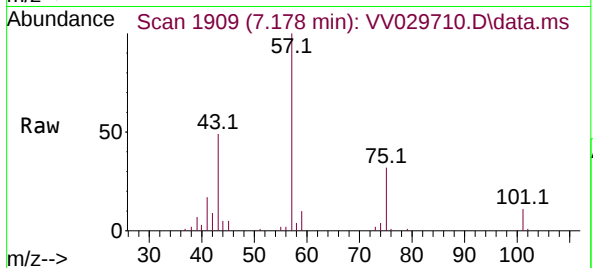
Tgt Ion: 43 Resp: 12834

Ion Ratio Lower Upper

43 100

58 7.3 37.5 56.3#

100 0.0 16.7 25.1#



#71

Naphthalene

Concen: 1.038 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029710.D

Acq: 19 Dec 2022 10:45

Tgt Ion: 128 Resp: 11883

Ion Ratio Lower Upper

128 100

127 14.6 10.2 15.4

129 12.5 8.5 12.7

