

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035700.D
 Acq On : 23 May 2024 13:47
 Operator : SY/MD
 Sample : P2568-10
 Misc : 6.22g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 01:48:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 01:44:38 2024
 Response via : Initial Calibration

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

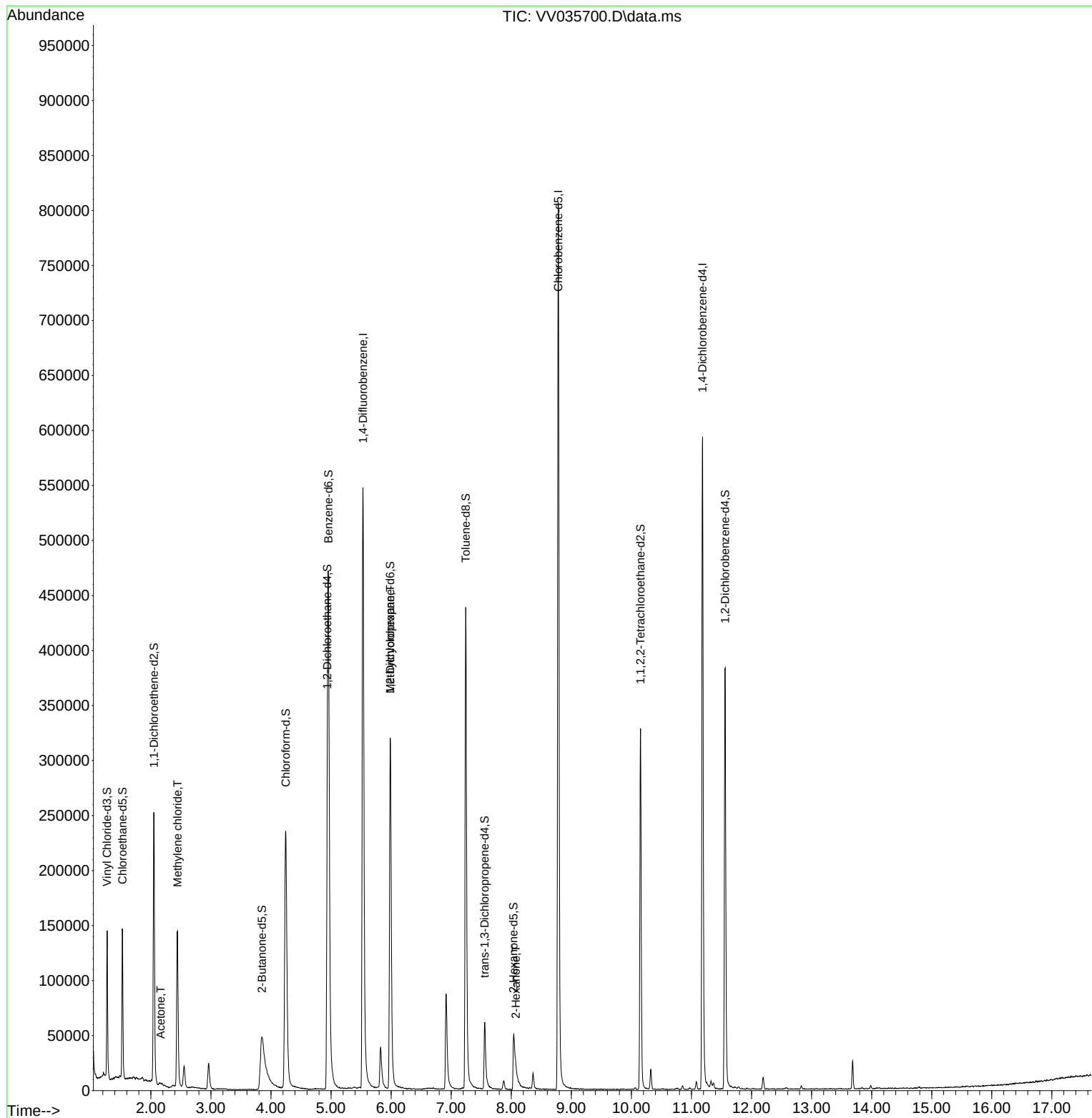
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	494498	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	462884	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	163036	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	87784	11.485	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	45.960%		
7) Chloroethane-d5	1.526	69	90345	14.652	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.600%		
11) 1,1-Dichloroethene-d2	2.050	65	41726	12.332	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	49.320%		
21) 2-Butanone-d5	3.851	46	38993	17.977	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	35.960%		
24) Chloroform-d	4.246	84	269770	18.350	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.400%		
26) 1,2-Dichloroethane-d4	4.937	65	152455	20.977	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.920%		
32) Benzene-d6	4.957	84	419160	16.543	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	66.160%		
36) 1,2-Dichloropropane-d6	5.986	67	168242	21.516	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.080%		
41) Toluene-d8	7.243	98	311794	13.826	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	55.320%		
43) trans-1,3-Dichloroprop...	7.558	79	41496	12.408	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	49.640%		
47) 2-Hexanone-d5	8.037	63	17494	12.442	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	24.880%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	163907	21.753	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.000%		
66) 1,2-Dichlorobenzene-d4	11.561	152	104848	18.531	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.120%#		
Target Compounds					Qvalue	
13) Acetone	2.163	43	7868	2.478	ug/L #	52
16) Methylene chloride	2.442	84	64941	5.695	ug/L	98
35) Methylcyclohexane	5.986	83	39905	3.033	ug/L #	21
48) 2-Hexanone	8.076	43	12095	3.370	ug/L #	36

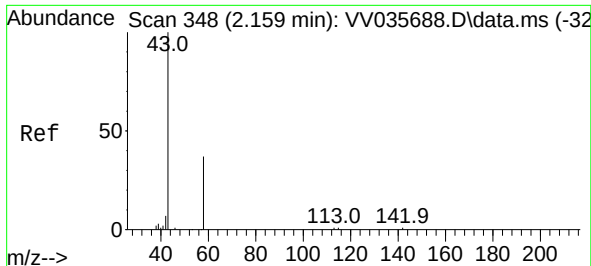
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.478 ug/L

RT: 2.163 min Scan# 348

Delta R.T. 0.003 min

Lab File: VV035700.D

Acq: 23 May 2024 13:47

Instrument :

MSVOA_V

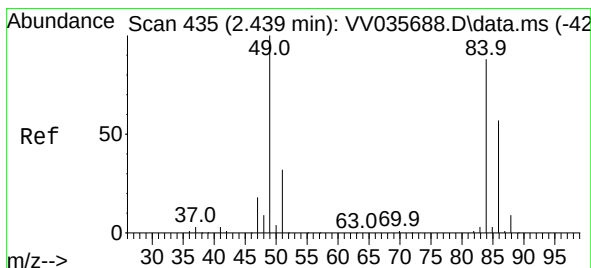
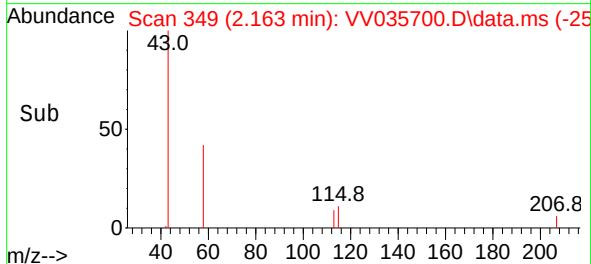
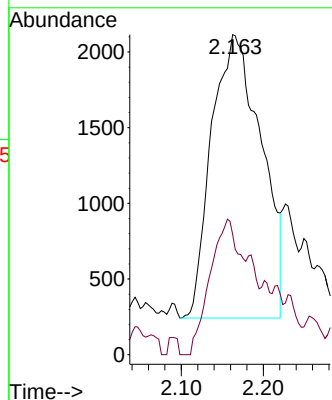
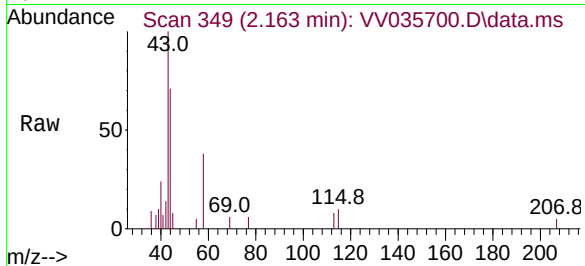
ClientSampleId :

Tgt Ion: 43 Resp: 7868

Ion Ratio Lower Upper

43 100

58 29.8 0.0 22.8#



#16

Methylene chloride

Concen: 5.695 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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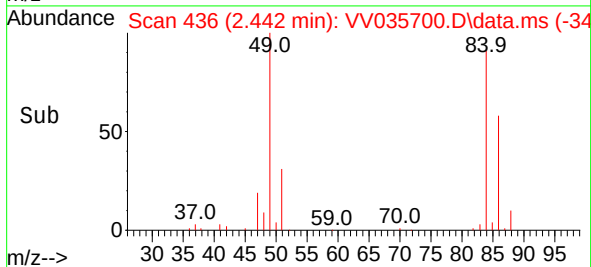
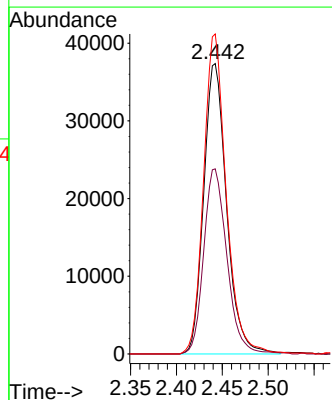
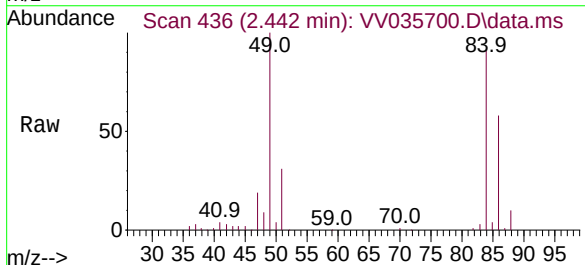
Tgt Ion: 84 Resp: 64941

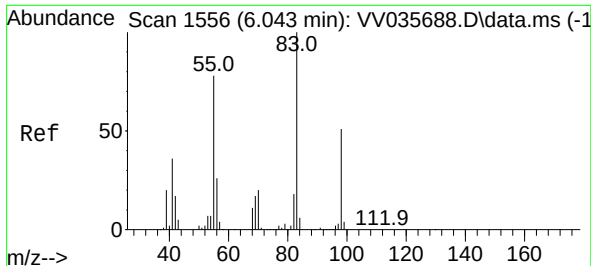
Ion Ratio Lower Upper

84 100

86 63.7 43.8 81.3

49 110.2 75.3 139.9





#35

Methylcyclohexane

Concen: 3.033 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.058 min

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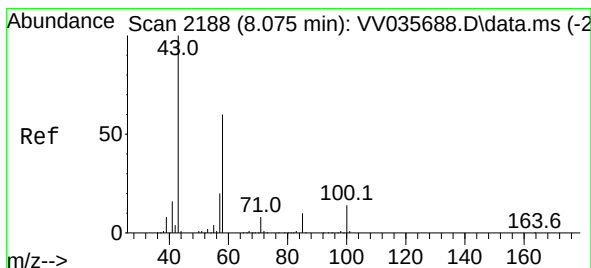
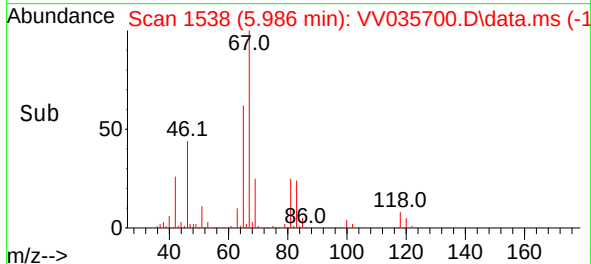
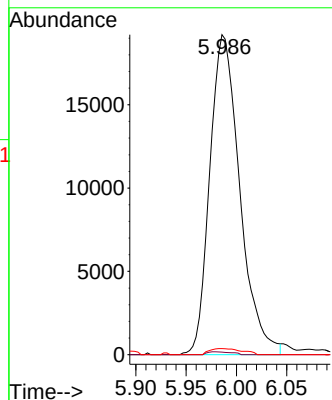
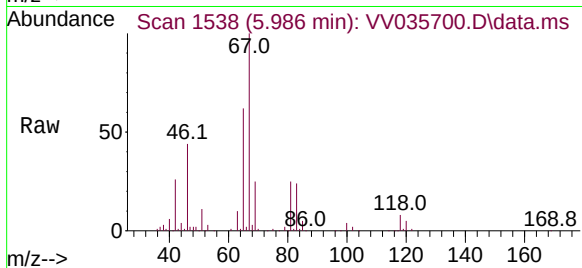
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MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	39905
Ion	Ratio	Lower	Upper
83	100		
55	0.7	57.5	86.3#
98	1.7	38.6	58.0#



#48

2-Hexanone

Concen: 3.370 ug/L

RT: 8.076 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VV035700.D

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Tgt Ion:	43	Resp:	12095
Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.8	73.2#
57	3.4	16.9	25.3#
100	1.3	11.7	17.5#

