

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035709.D
 Acq On : 23 May 2024 15:19
 Operator : SY/MD
 Sample : P2568-19
 Misc : 5.90g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 01:49:00 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)

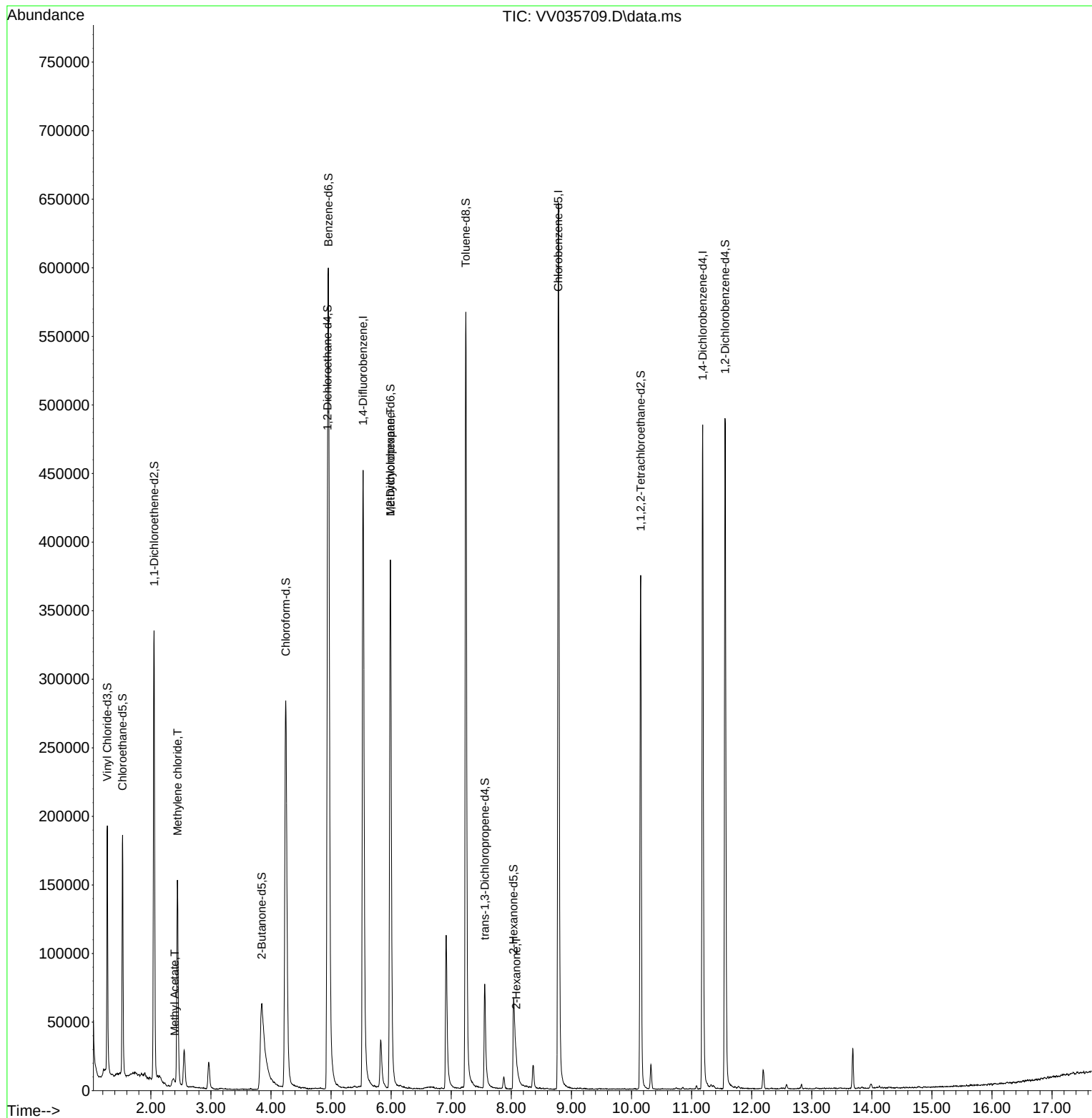
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	408644	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	378510	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	134898	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	119618	18.939	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.760%			
7) Chloroethane-d5	1.529	69	116646	22.892	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.560%			
11) 1,1-Dichloroethene-d2	2.053	65	55801	19.956	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.840%			
21) 2-Butanone-d5	3.844	46	37534	20.940	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 41.880%			
24) Chloroform-d	4.246	84	320791	26.405	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.640%			
26) 1,2-Dichloroethane-d4	4.940	65	183563	30.564	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 122.240%			
32) Benzene-d6	4.957	84	529352	25.548	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.200%			
36) 1,2-Dichloropropane-d6	5.989	67	201426	31.501	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 126.000%#			
41) Toluene-d8	7.243	98	397905	21.578	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.320%			
43) trans-1,3-Dichloroprop...	7.558	79	52345	19.142	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.560%			
47) 2-Hexanone-d5	8.037	63	22821	19.848	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 39.700%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	189977	30.833	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 123.320%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	136770	29.214	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 116.840%			
Target Compounds						Qvalue
15) Methyl Acetate	2.394	43	2323	0.584	ug/L	94
16) Methylene chloride	2.442	84	65067	6.905	ug/L	94
35) Methylcyclohexane	5.989	83	48051	4.466	ug/L #	20
48) 2-Hexanone	8.082	43	16341	5.568	ug/L #	35

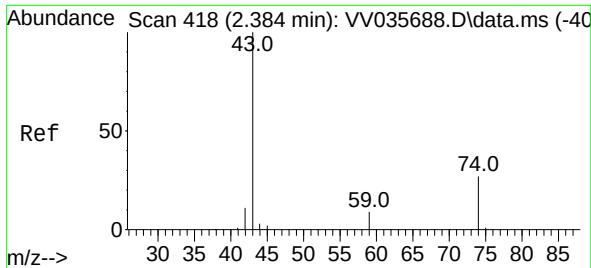
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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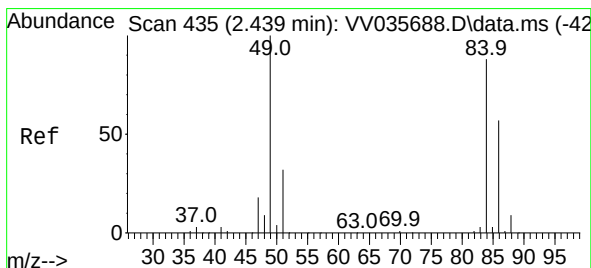
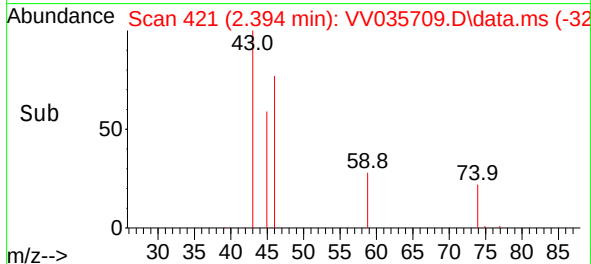
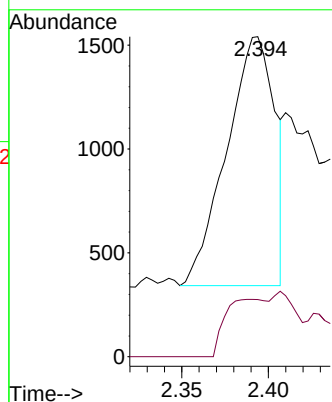
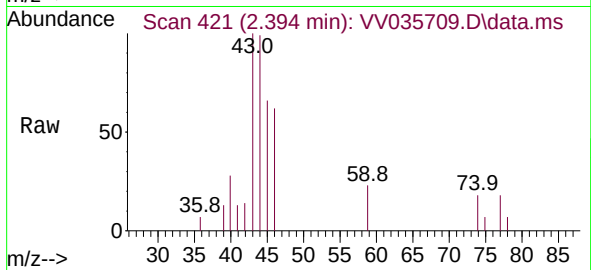




#15
Methyl Acetate
Concen: 0.584 ug/L
RT: 2.394 min Scan# 418
Delta R.T. 0.010 min
Lab File: VV035709.D
Acq: 23 May 2024 15:19

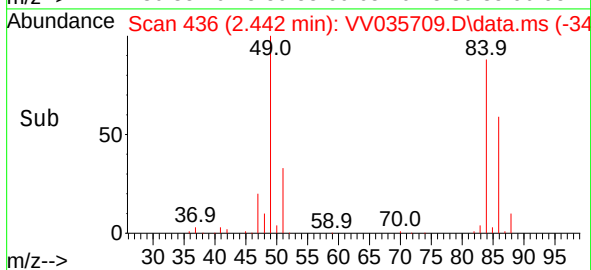
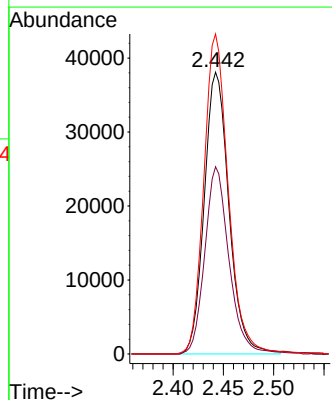
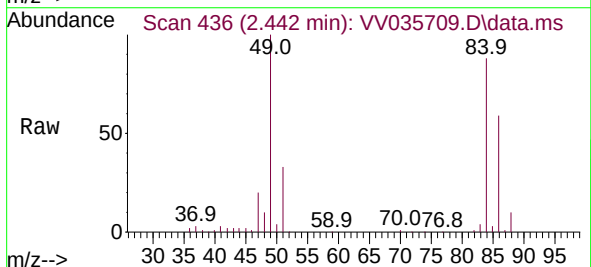
Instrument :
MSVOA_V
ClientSampleId :

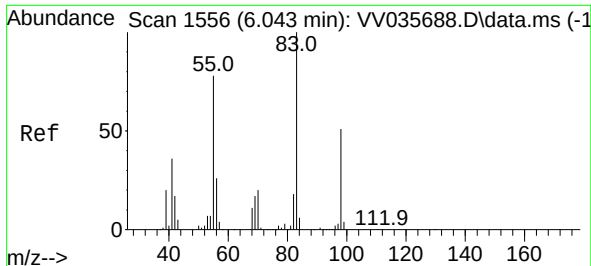
Tgt Ion: 43 Resp: 2323
Ion Ratio Lower Upper
43 100
74 20.5 18.6 27.8



#16
Methylene chloride
Concen: 6.905 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV035709.D
Acq: 23 May 2024 15:19

Tgt Ion: 84 Resp: 65067
Ion Ratio Lower Upper
84 100
86 66.5 43.8 81.3
49 113.6 75.3 139.9





#35

Methylcyclohexane

Concen: 4.466 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV035709.D

Acq: 23 May 2024 15:19

Instrument :

MSVOA_V

ClientSampleId :

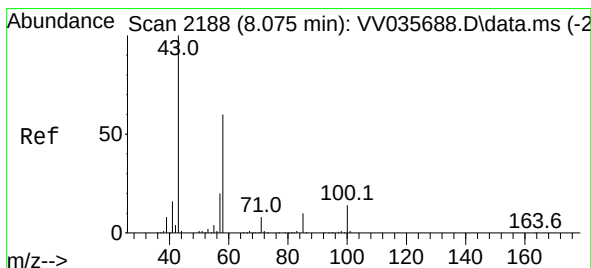
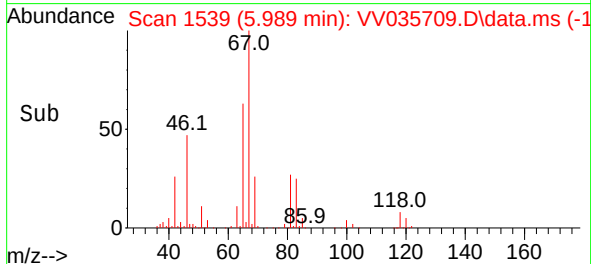
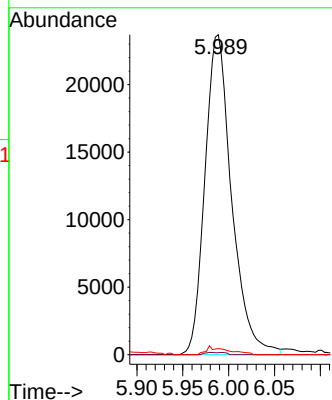
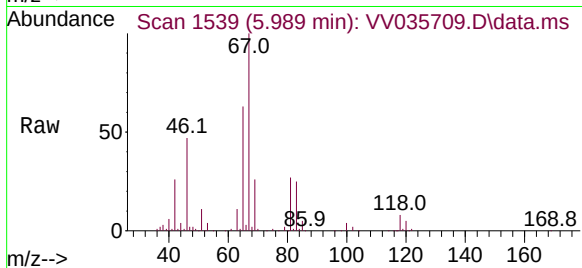
Tgt Ion: 83 Resp: 48051

Ion Ratio Lower Upper

83 100

55 0.2 57.5 86.3#

98 0.6 38.6 58.0#



#48

2-Hexanone

Concen: 5.568 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. 0.006 min

Lab File: VV035709.D

Acq: 23 May 2024 15:19

Tgt Ion: 43 Resp: 16341

Ion Ratio Lower Upper

43 100

58 0.0 48.8 73.2#

57 0.0 16.9 25.3#

100 0.8 11.7 17.5#

