

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035768.D
 Acq On : 24 May 2024 23:24
 Operator : SY/MD
 Sample : P2570-09
 Misc : 5.61g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 25 02:48:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

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

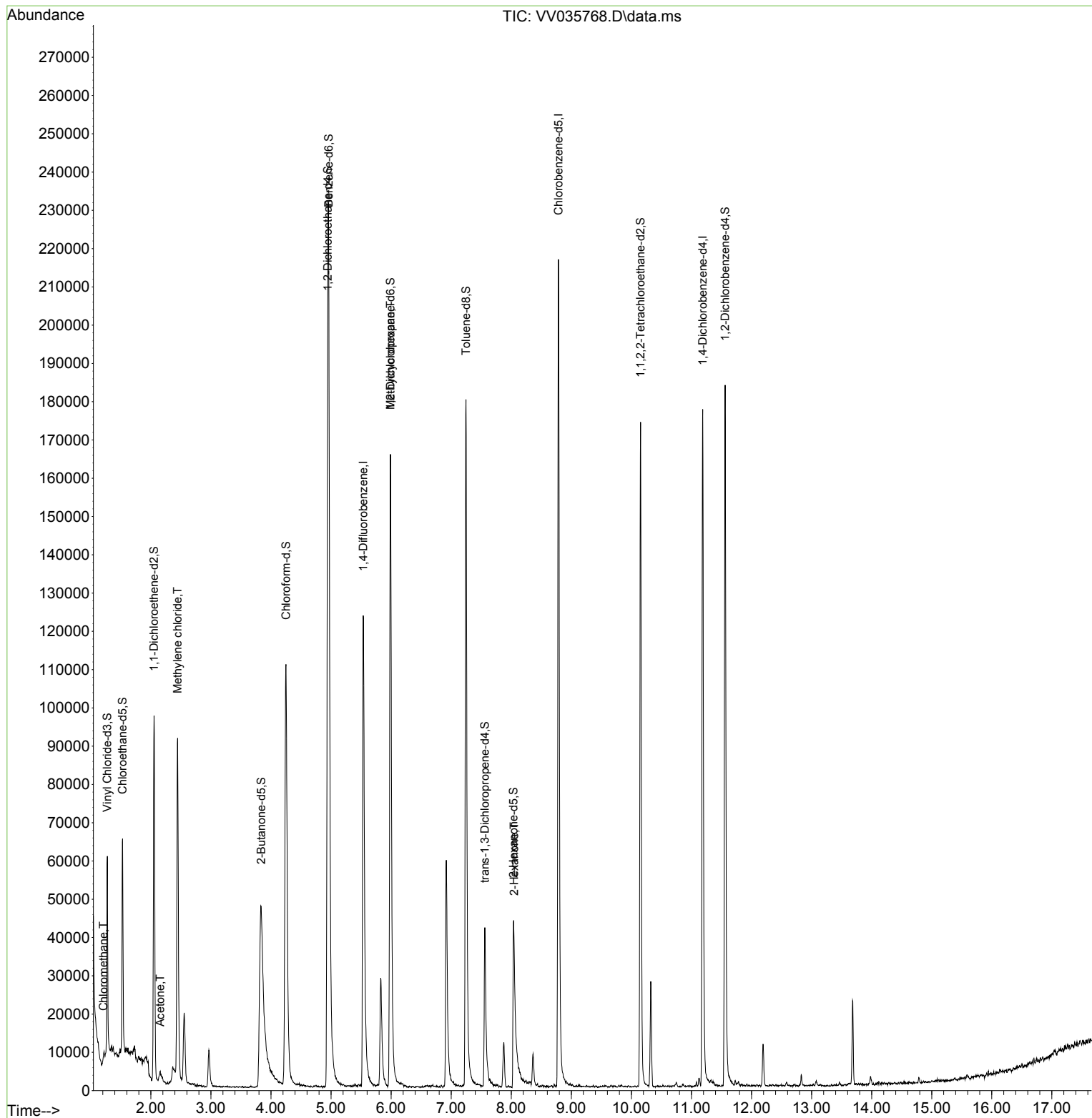
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	116352	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	130820	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51076	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	34001	18.907	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.640%
7) Chloroethane-d5	1.529	69	38056	26.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.920%
11) 1,1-Dichloroethene-d2	2.053	65	16720	21.001	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.000%
21) 2-Butanone-d5	3.838	46	30783	60.316	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.640%
24) Chloroform-d	4.249	84	127124	36.751	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	147.000%
26) 1,2-Dichloroethane-d4	4.944	65	95999	56.138	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	224.560%#
32) Benzene-d6	4.960	84	190579	26.613	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.440%
36) 1,2-Dichloropropane-d6	5.989	67	87229	39.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	157.880%#
41) Toluene-d8	7.246	98	135658	21.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.160%
43) trans-1,3-Dichloroprop...	7.561	79	28896	30.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	122.280%
47) 2-Hexanone-d5	8.037	63	17076	42.971	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.940%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	86354	40.551	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	162.200%#
66) 1,2-Dichlorobenzene-d4	11.561	152	52311	29.511	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.040%
Target Compounds						
					Qvalue	
3) Chloromethane	1.211	50	1342	0.565	ug/L	91
13) Acetone	2.156	43	2766	3.702	ug/L #	35
16) Methylene chloride	2.446	84	40718	15.176	ug/L	100
35) Methylcyclohexane	5.989	83	21047	5.661	ug/L #	21
48) 2-Hexanone	8.047	43	1979	1.951	ug/L #	61

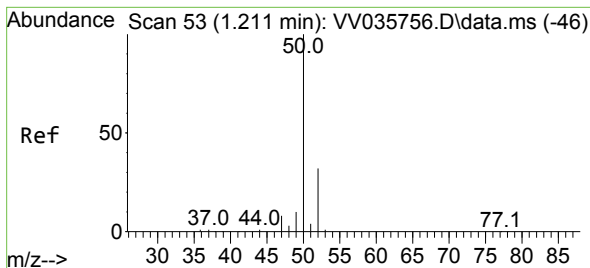
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 25 02:41:55 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.565 ug/L

RT: 1.211 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV035768.D

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Instrument :

MSVOA_V

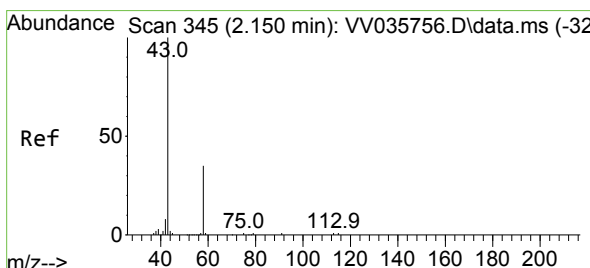
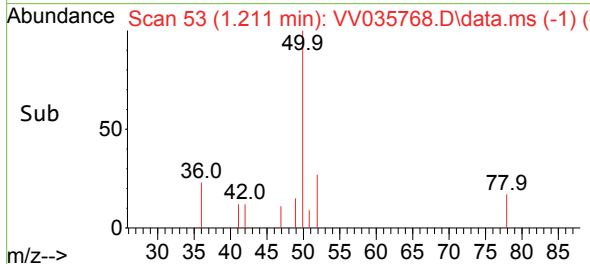
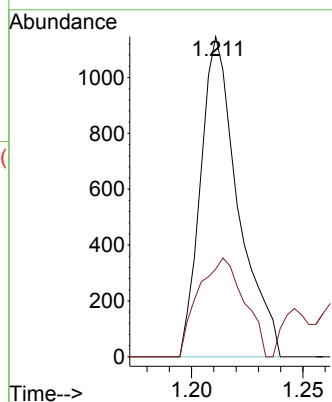
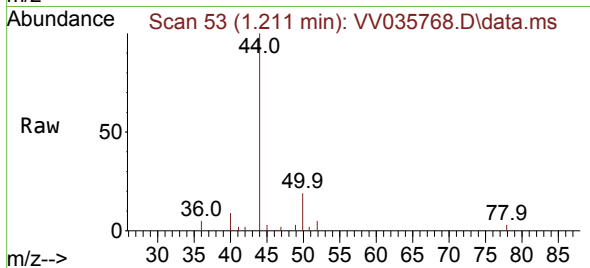
ClientSampleId :

Tgt Ion: 50 Resp: 1342

Ion Ratio Lower Upper

50 100

52 27.4 22.7 42.1



#13

Acetone

Concen: 3.702 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.006 min

Lab File: VV035768.D

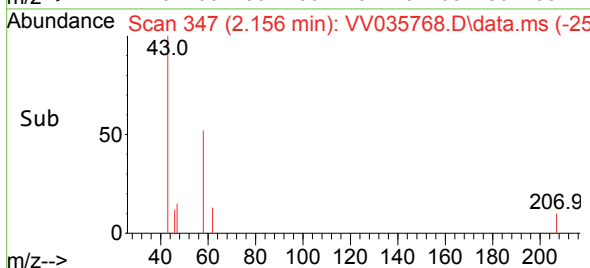
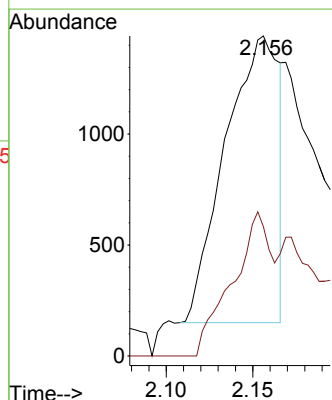
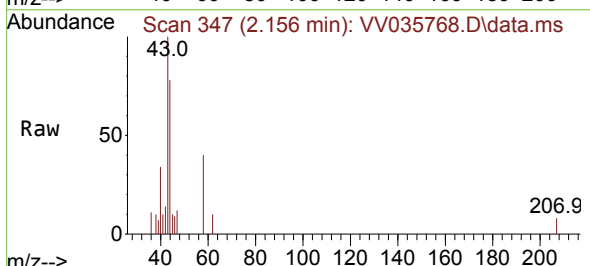
Acq: 24 May 2024 23:24

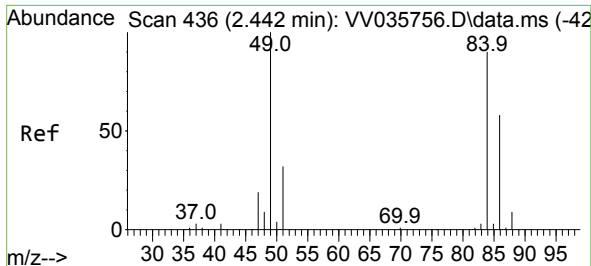
Tgt Ion: 43 Resp: 2766

Ion Ratio Lower Upper

43 100

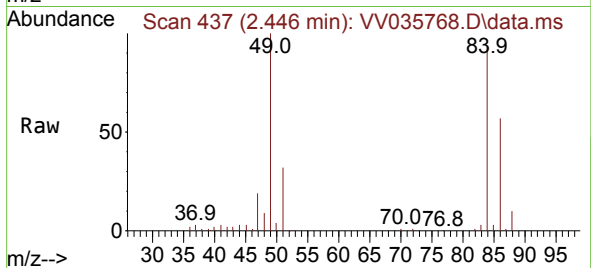
58 36.4 0.0 22.8#



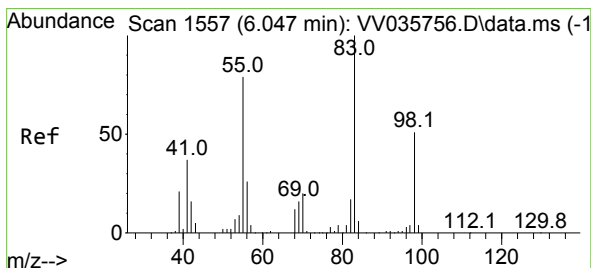
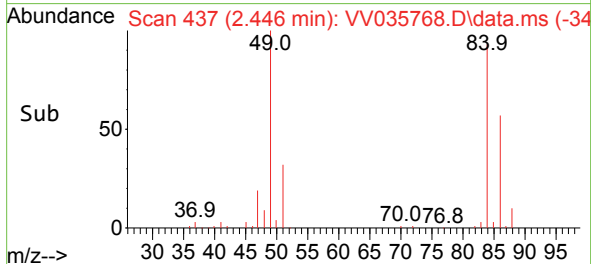
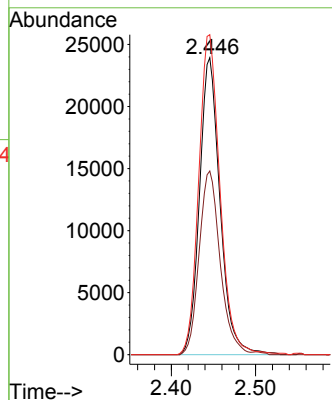


#16
Methylene chloride
Concen: 15.176 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035768.D
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ClientSampleId :

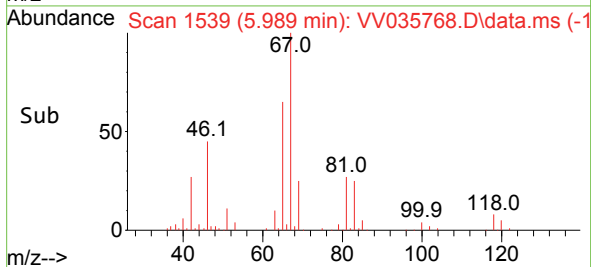
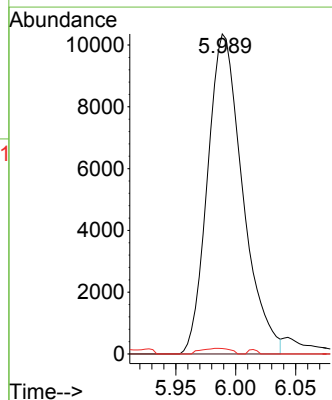
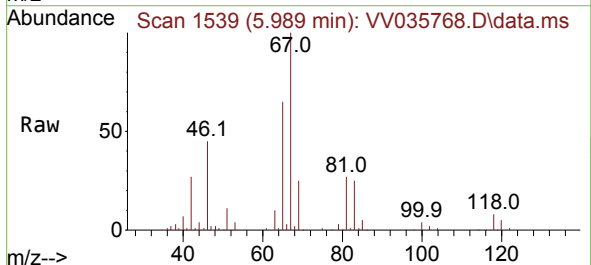


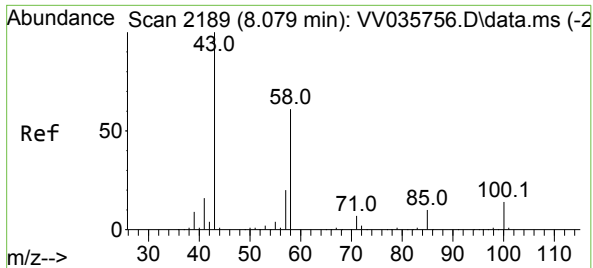
Tgt Ion: 84 Resp: 40718
Ion Ratio Lower Upper
84 100
86 61.9 43.8 81.3
49 107.8 75.3 139.9



#35
Methylcyclohexane
Concen: 5.661 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV035768.D
Acq: 24 May 2024 23:24

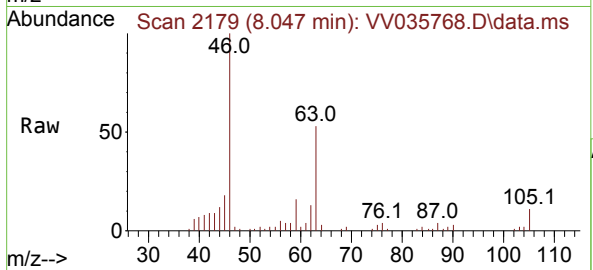
Tgt Ion: 83 Resp: 21047
Ion Ratio Lower Upper
83 100
55 0.0 57.5 86.3#
98 1.5 38.6 58.0#





#48
 2-Hexanone
 Concen: 1.951 ug/L
 RT: 8.047 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: VV035768.D
 Acq: 24 May 2024 23:24

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 1979
Ion Ratio	Lower Upper
43 100	
58 33.4	48.8 73.2#
57 45.3	16.9 25.3#
100 0.0	11.7 17.5#

