

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035762.D
 Acq On : 24 May 2024 21:06
 Operator : SY/MD
 Sample : P2589-04
 Misc : 5.61g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 25 02:47:31 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)

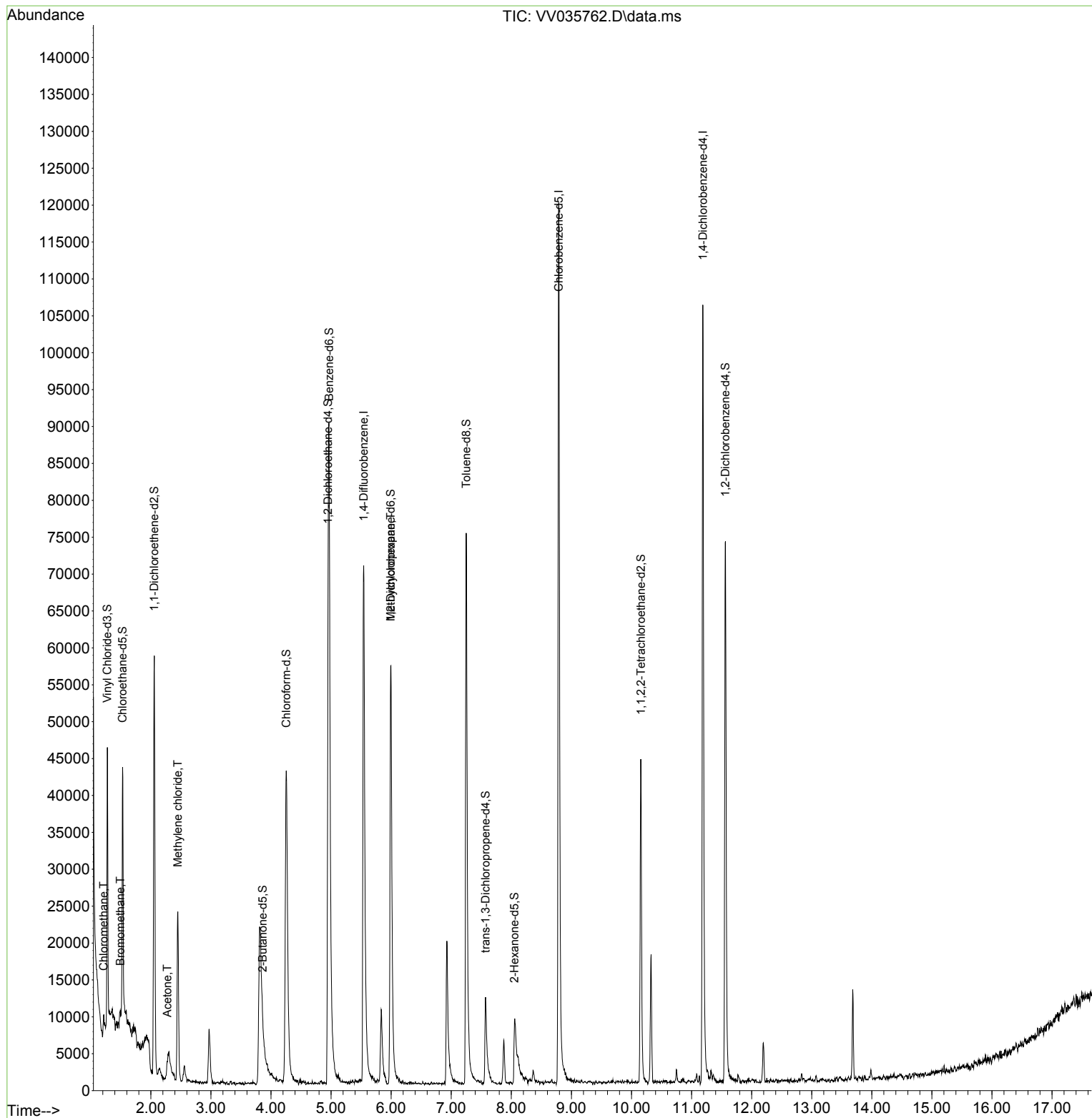
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	70153	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	73989	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	30412	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	23727	21.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.520%
7) Chloroethane-d5	1.529	69	21852	24.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.920%
11) 1,1-Dichloroethene-d2	2.056	65	10094	21.028	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.120%
21) 2-Butanone-d5	3.860	46	4309	14.003	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.000%
24) Chloroform-d	4.256	84	50839	24.376	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.520%
26) 1,2-Dichloroethane-d4	4.950	65	30603	29.681	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.720%
32) Benzene-d6	4.966	84	80386	19.848	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	5.992	67	30946	24.759	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.040%
41) Toluene-d8	7.249	98	59038	16.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.520%
43) trans-1,3-Dichloroprop...	7.571	79	9510	17.791	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.160%
47) 2-Hexanone-d5	8.050	63	3732	16.605	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.200%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23450	19.470	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.880%
66) 1,2-Dichlorobenzene-d4	11.564	152	21643	20.506	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.040%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1288	0.899	ug/L	96
6) Bromomethane	1.490	94	643	0.686	ug/L	98
13) Acetone	2.275	43	496	1.101	ug/L	96
16) Methylene chloride	2.449	84	10035	6.203	ug/L	91
35) Methylcyclohexane	5.992	83	7866	3.740	ug/L #	20

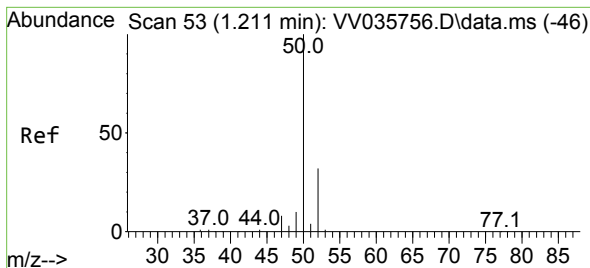
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.899 ug/L

RT: 1.214 min Scan# 54

Delta R.T. 0.003 min

Lab File: VV035762.D

Acq: 24 May 2024 21:06

Instrument :

MSVOA_V

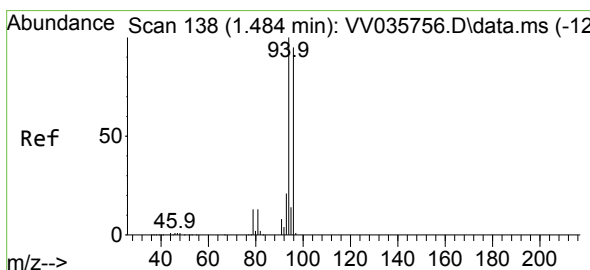
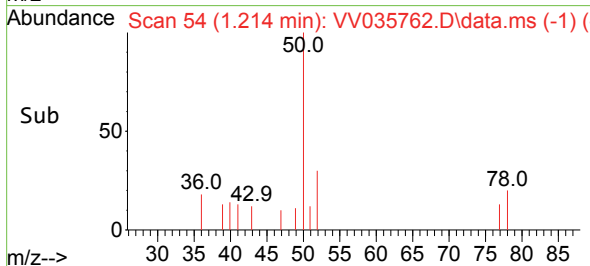
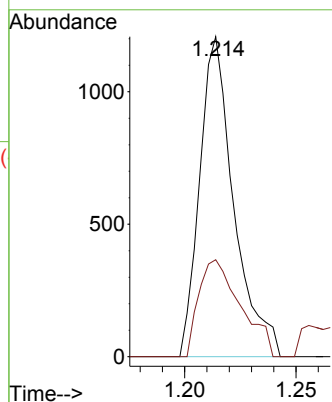
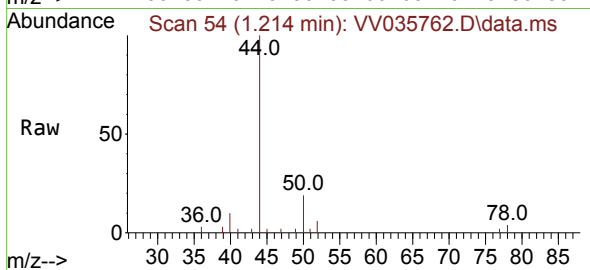
ClientSampleId :

Tgt Ion: 50 Resp: 1288

Ion Ratio Lower Upper

50 100

52 30.3 22.7 42.1



#6

Bromomethane

Concen: 0.686 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.006 min

Lab File: VV035762.D

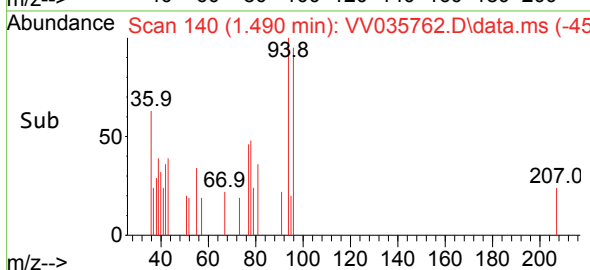
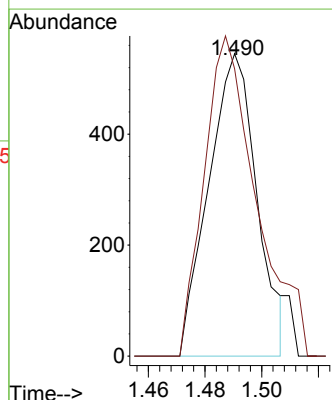
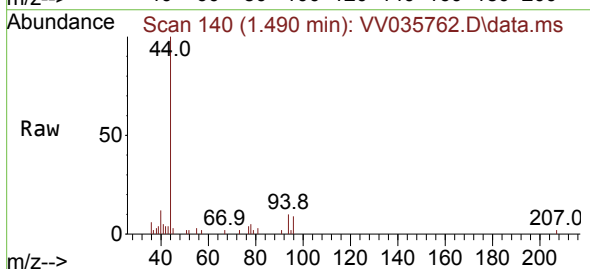
Acq: 24 May 2024 21:06

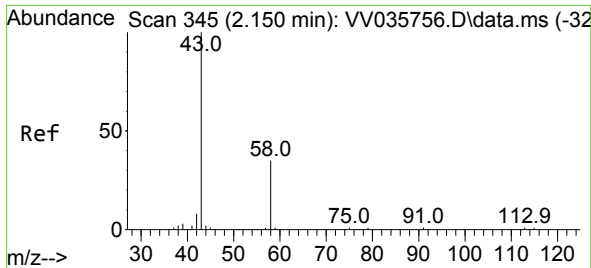
Tgt Ion: 94 Resp: 643

Ion Ratio Lower Upper

94 100

96 95.0 65.2 121.0





#13

Acetone

Concen: 1.101 ug/L

RT: 2.275 min Scan# 345

Delta R.T. 0.125 min

Lab File: VV035762.D

Acq: 24 May 2024 21:06

Instrument :

MSVOA_V

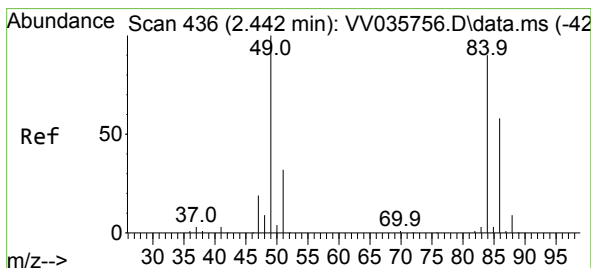
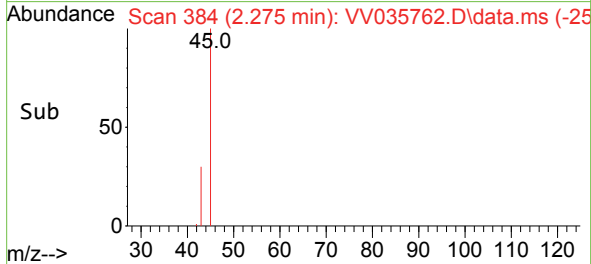
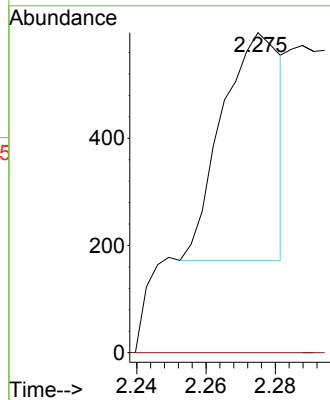
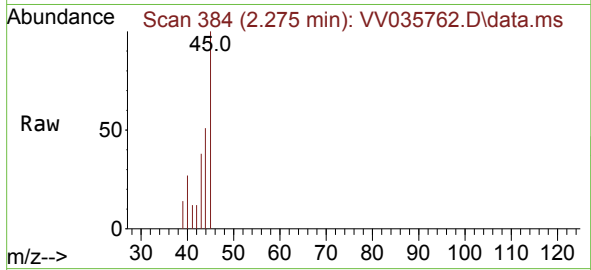
ClientSampleId :

Tgt Ion: 43 Resp: 496

Ion Ratio Lower Upper

43 100

58 13.1 0.0 22.8



#16

Methylene chloride

Concen: 6.203 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.006 min

Lab File: VV035762.D

Acq: 24 May 2024 21:06

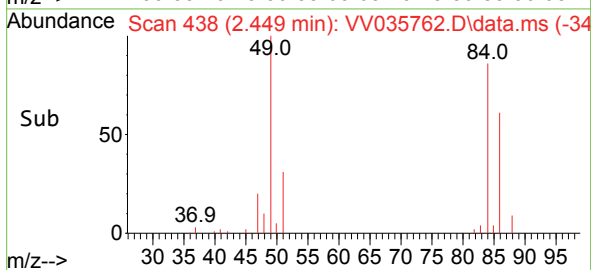
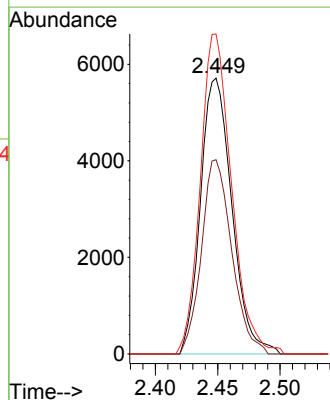
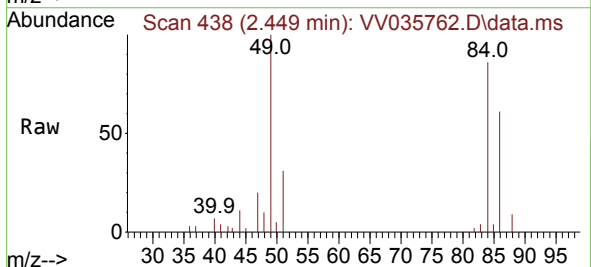
Tgt Ion: 84 Resp: 10035

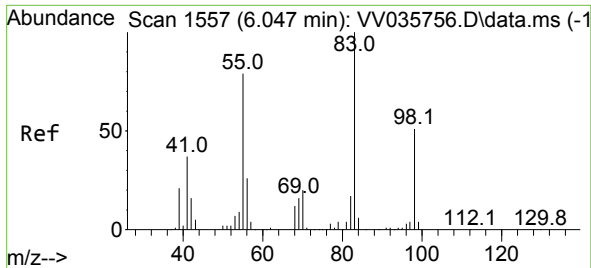
Ion Ratio Lower Upper

84 100

86 70.4 43.8 81.3

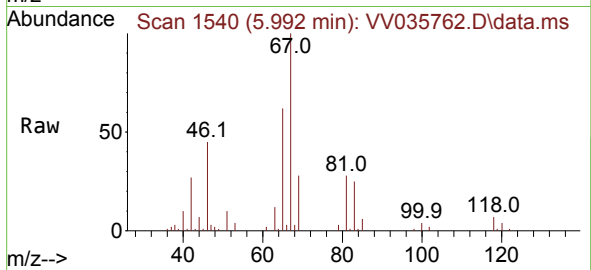
49 116.0 75.3 139.9





#35
 Methylcyclohexane
 Concen: 3.740 ug/L
 RT: 5.992 min Scan# 11
 Delta R.T. -0.055 min
 Lab File: VV035762.D
 Acq: 24 May 2024 21:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.5	86.3#
98	0.8	38.6	58.0#

