

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062824\
 Data File : VW036343.D
 Acq On : 28 Jun 2024 12:42
 Operator : SY/MD
 Sample : P3035-11
 Misc : 5.03g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 23:34:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 23:33:02 2024
 Response via : Initial Calibration

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

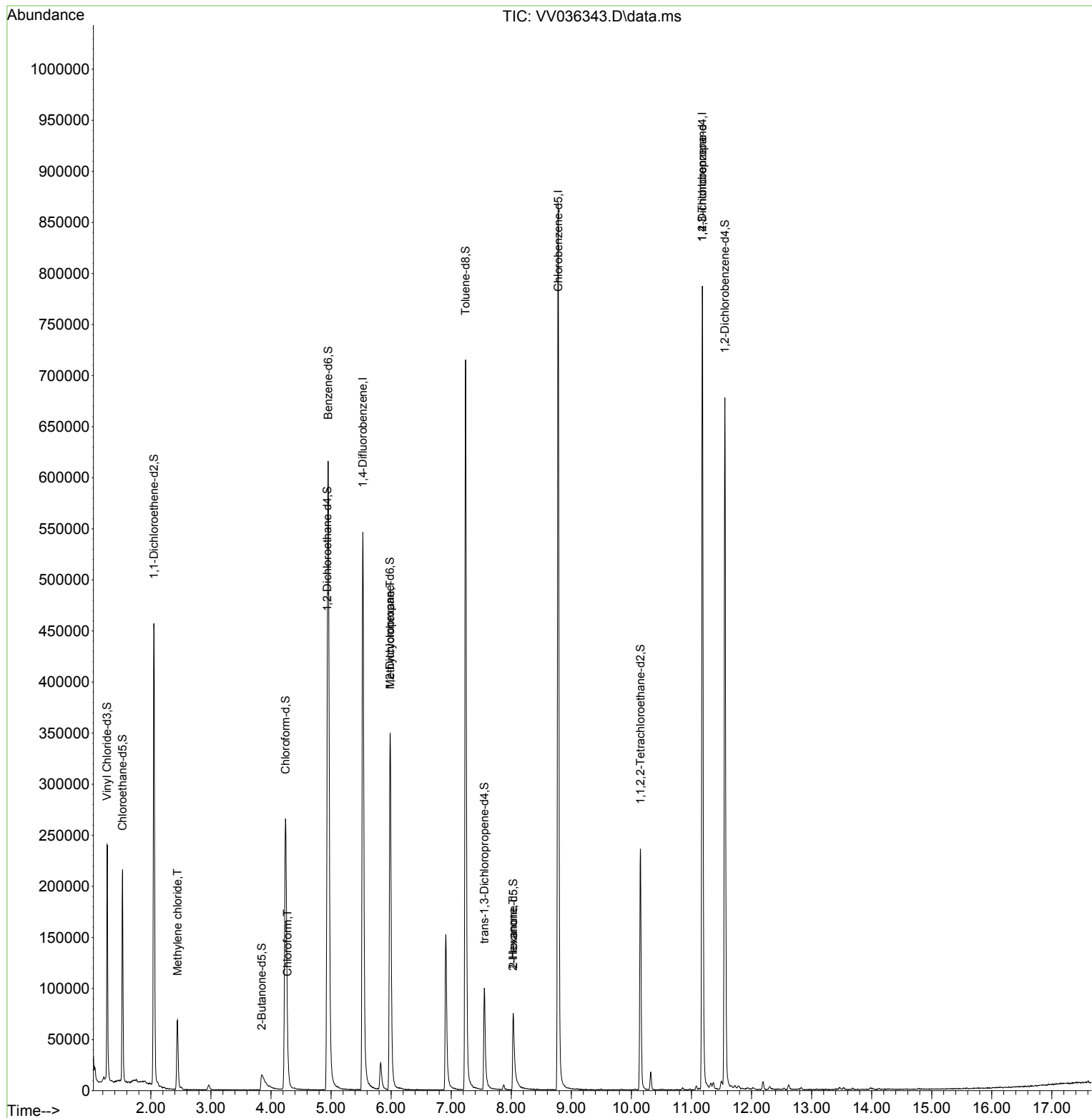
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	492565	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	497576	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	208912	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	152670	18.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.000%
7) Chloroethane-d5	1.526	69	135534	20.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.120%
11) 1,1-Dichloroethene-d2	2.050	65	76345	19.414	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.640%
21) 2-Butanone-d5	3.847	46	34351	17.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	35.380%
24) Chloroform-d	4.243	84	293433	20.182	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.720%
26) 1,2-Dichloroethane-d4	4.937	65	150376	19.394	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.560%
32) Benzene-d6	4.953	84	569611	20.279	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.120%
36) 1,2-Dichloropropane-d6	5.982	67	175652	20.790	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.160%
41) Toluene-d8	7.239	98	490970	19.387	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.560%
43) trans-1,3-Dichloroprop...	7.551	79	63319	16.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.120%
47) 2-Hexanone-d5	8.034	63	29165	21.626	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.260%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	115099	16.620	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.480%
66) 1,2-Dichlorobenzene-d4	11.558	152	179230	23.542	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.160%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	31638	3.263	ug/L	98
25) Chloroform	4.275	83	8742	0.598	ug/L	94
35) Methylcyclohexane	5.986	83	43494	3.356	ug/L #	22
48) 2-Hexanone	8.030	43	3667	1.098	ug/L #	63
61) 1,2,3-Trichloropropane	11.181	75	23194	4.920	ug/L #	63

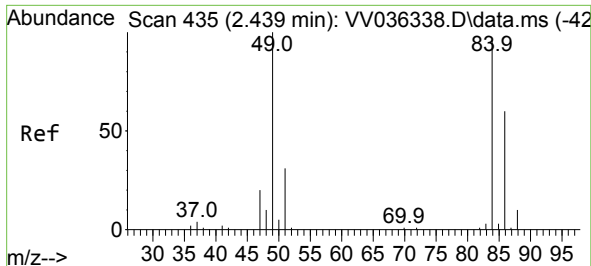
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 28 23:33:02 2024
Response via : Initial Calibration

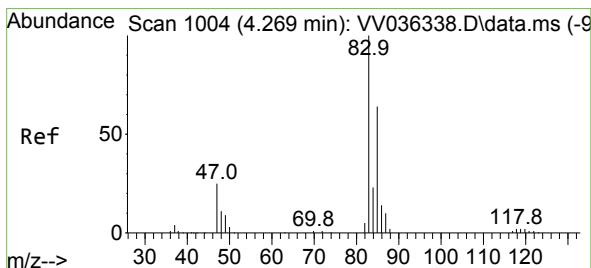
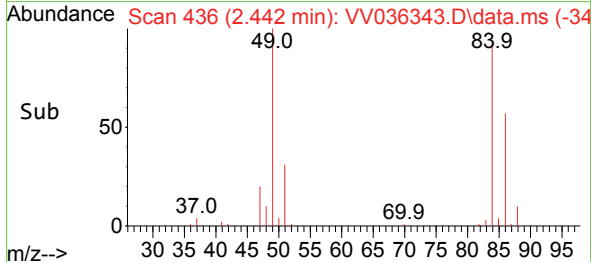
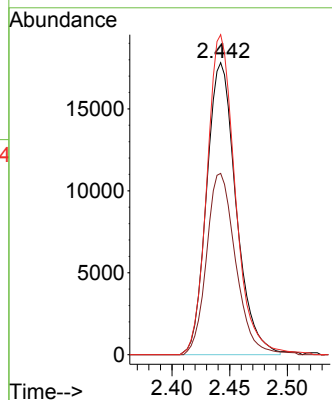
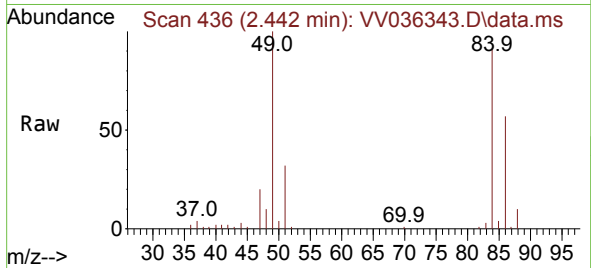




#16
Methylene chloride
Concen: 3.263 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036343.D
Acq: 28 Jun 2024 12:42

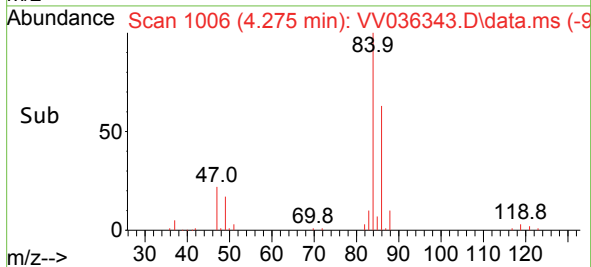
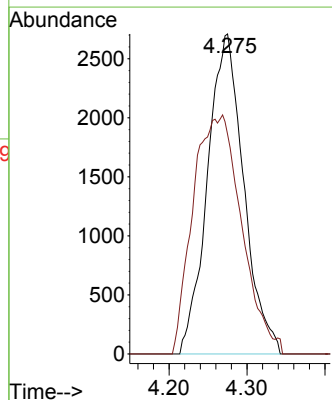
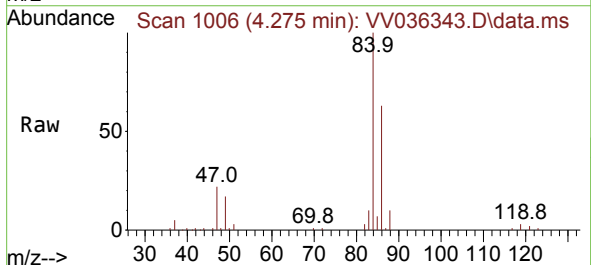
Instrument :
MSVOA_V
ClientSampleId :

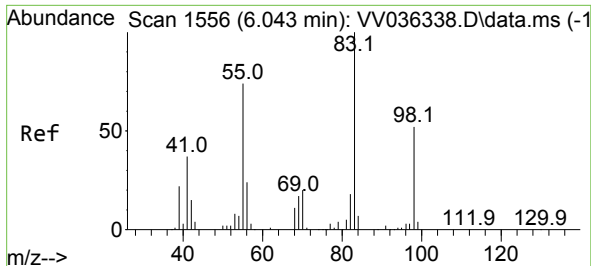
Tgt Ion: 84 Resp: 31638
Ion Ratio Lower Upper
84 100
86 62.1 45.6 84.8
49 109.6 75.7 140.5



#25
Chloroform
Concen: 0.598 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VV036343.D
Acq: 28 Jun 2024 12:42

Tgt Ion: 83 Resp: 8742
Ion Ratio Lower Upper
83 100
85 68.7 45.0 83.6

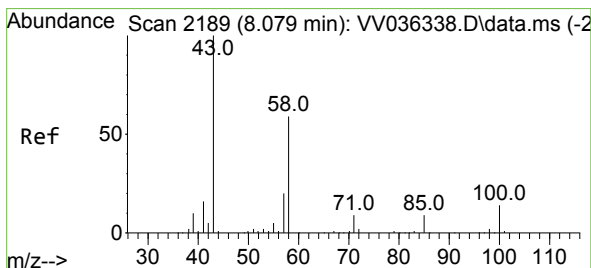
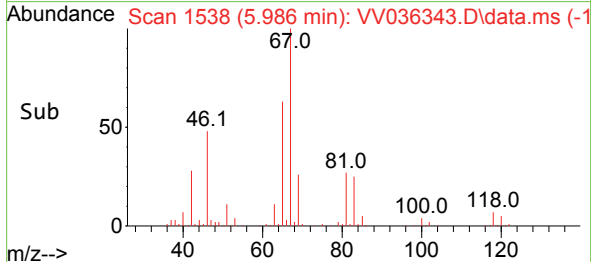
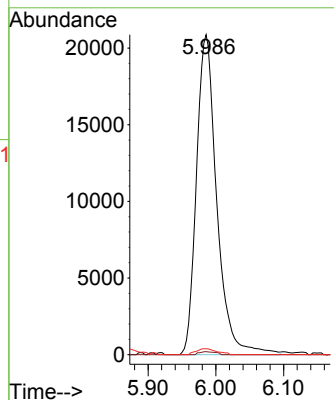
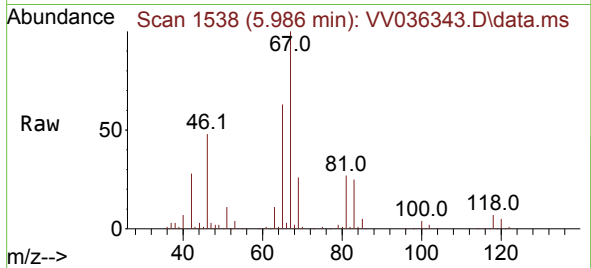




#35
Methylcyclohexane
Concen: 3.356 ug/L
RT: 5.986 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV036343.D
Acq: 28 Jun 2024 12:42

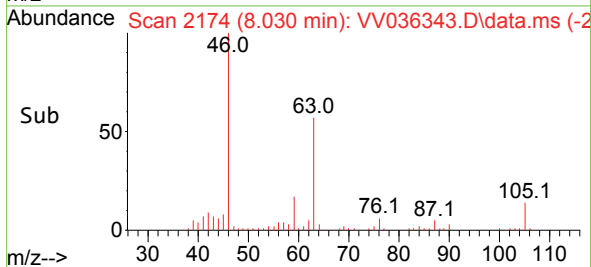
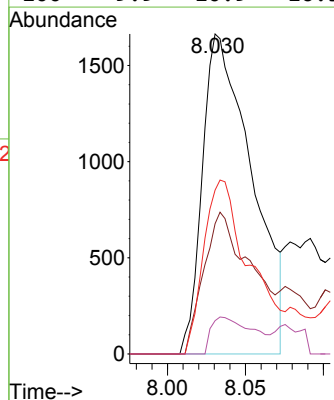
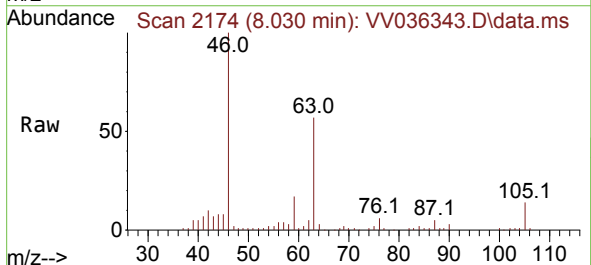
Instrument :
MSVOA_V
ClientSampleId :

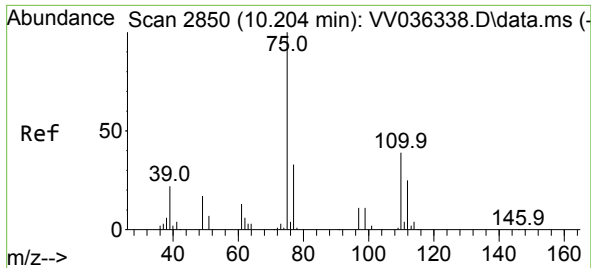
Tgt Ion: 83 Resp: 43494
Ion Ratio Lower Upper
83 100
55 0.7 56.0 84.0#
98 1.9 39.0 58.6#



#48
2-Hexanone
Concen: 1.098 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.048 min
Lab File: VV036343.D
Acq: 28 Jun 2024 12:42

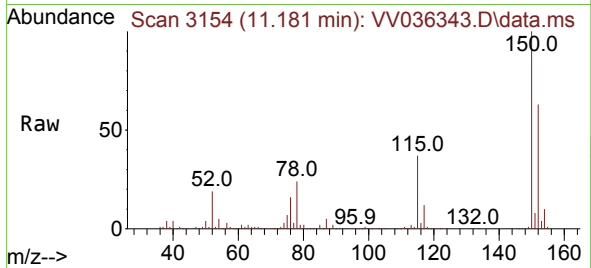
Tgt Ion: 43 Resp: 3667
Ion Ratio Lower Upper
43 100
58 28.7 48.5 72.7#
57 37.5 15.8 23.6#
100 9.9 10.9 16.3#





#61
 1,2,3-Trichloropropane
 Concen: 4.920 ug/L
 RT: 11.181 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV036343.D
 Acq: 28 Jun 2024 12:42

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.2	37.8
110	2.5	31.7	47.5#

