

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
 Data File : VV036125.D
 Acq On : 18 Jun 2024 17:36
 Operator : SY/MD
 Sample : P2873-15
 Misc : 4.18g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 03:32:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

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

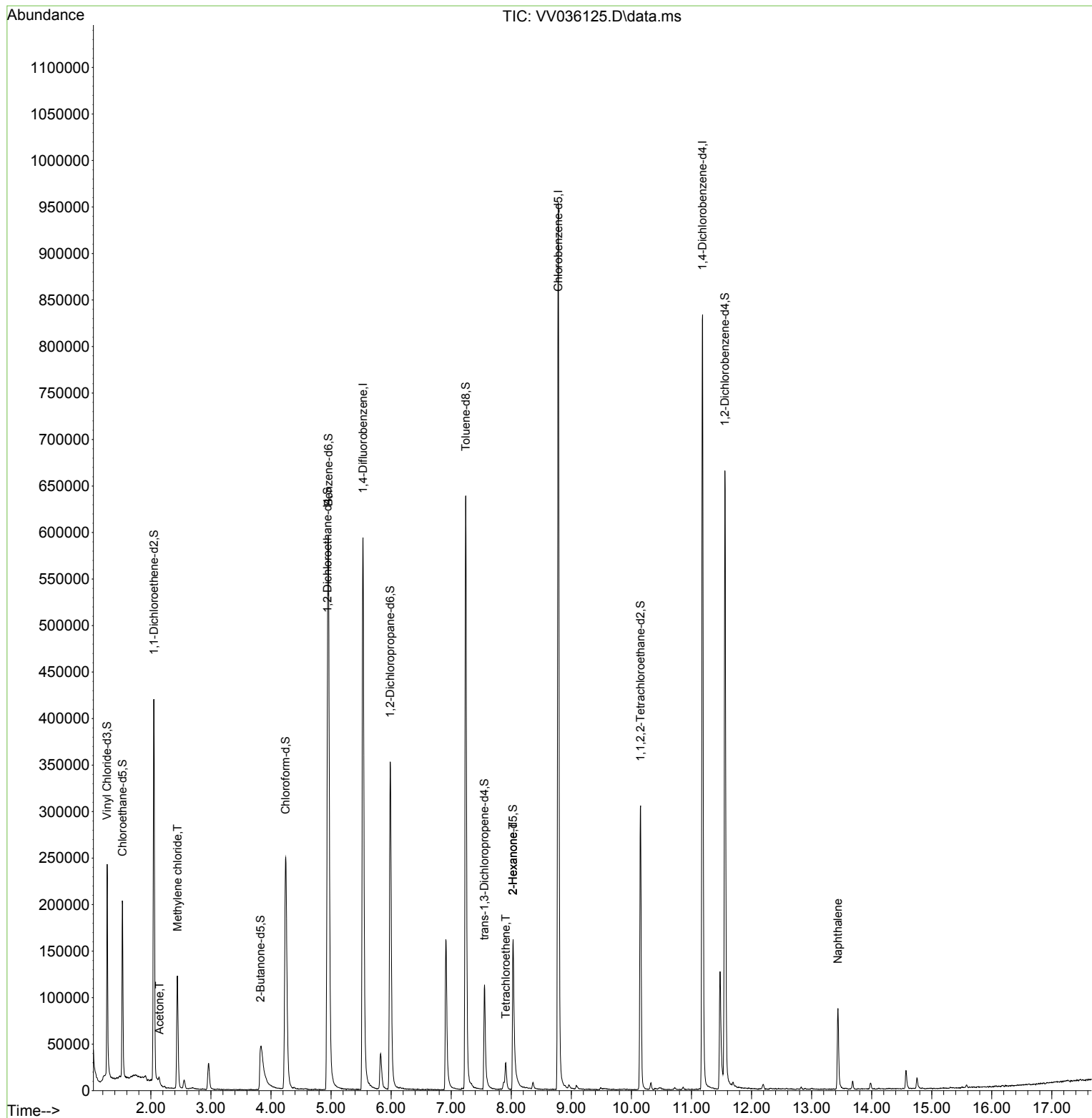
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	518127	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	521153	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	216170	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	152798	16.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.160%
7) Chloroethane-d5	1.526	69	127629	16.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.200%
11) 1,1-Dichloroethene-d2	2.050	65	69358	16.356	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.440%
21) 2-Butanone-d5	3.828	46	91413	41.826	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.660%
24) Chloroform-d	4.243	84	278045	16.879	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.520%
26) 1,2-Dichloroethane-d4	4.941	65	168186	19.474	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.880%
32) Benzene-d6	4.957	84	530534	17.126	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.520%
36) 1,2-Dichloropropane-d6	5.986	67	180129	18.464	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.840%
41) Toluene-d8	7.243	98	437162	15.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.960%
43) trans-1,3-Dichloroprop...	7.555	79	72371	18.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.360%
47) 2-Hexanone-d5	8.031	63	60876	46.058	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.120%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	155408	21.318	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.280%
66) 1,2-Dichlorobenzene-d4	11.558	152	168887	21.305	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
13) Acetone	2.143	43	5429	1.595	ug/L #	54
16) Methylene chloride	2.442	84	52245	4.456	ug/L	98
46) Tetrachloroethene	7.908	164	6836	0.895	ug/L	97
48) 2-Hexanone	8.031	43	8219	2.162	ug/L #	68
71) Naphthalene	13.439	128	70341	5.025	ug/L	98

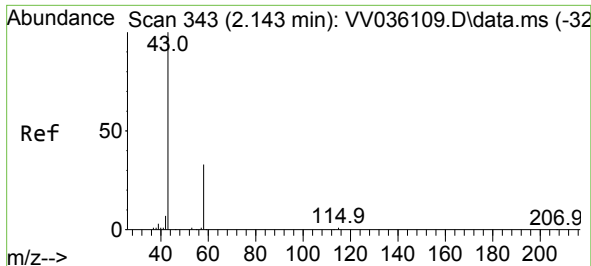
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 19 03:24:16 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.595 ug/L

RT: 2.143 min Scan# 343

Delta R.T. 0.000 min

Lab File: VV036125.D

Acq: 18 Jun 2024 17:36

Instrument :

MSVOA_V

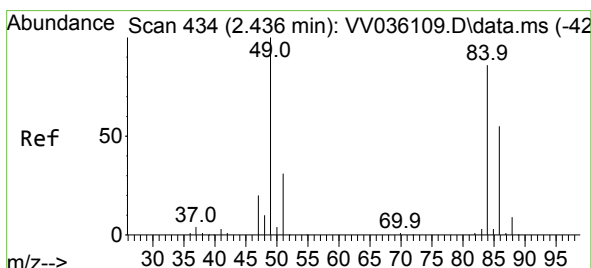
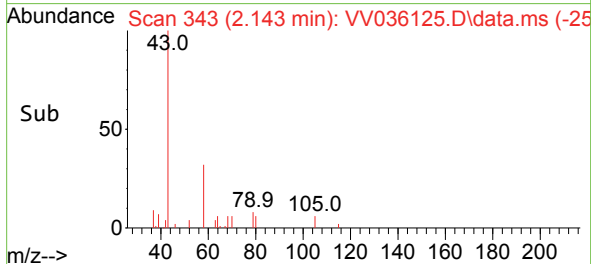
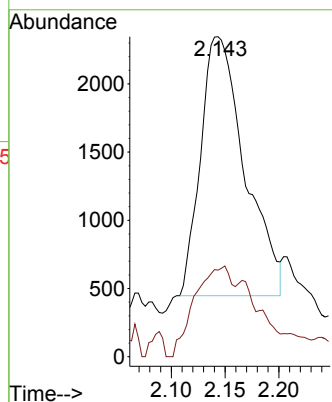
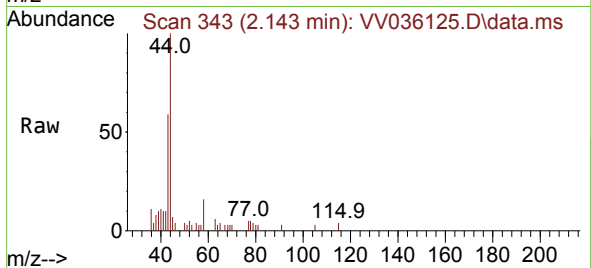
ClientSampleId :

Tgt Ion: 43 Resp: 5429

Ion Ratio Lower Upper

43 100

58 30.0 0.0 24.2#



#16

Methylene chloride

Concen: 4.456 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.007 min

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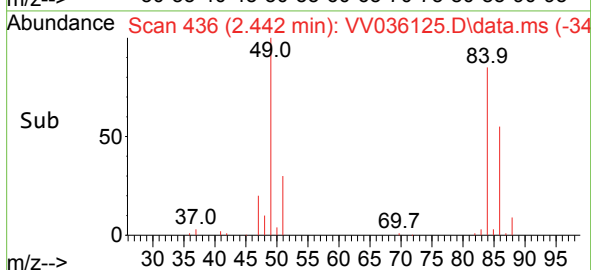
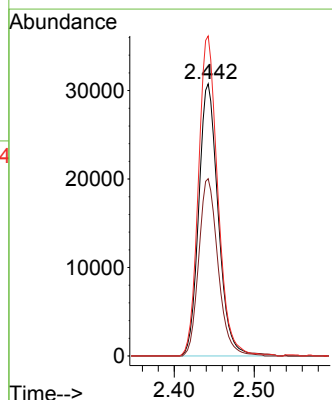
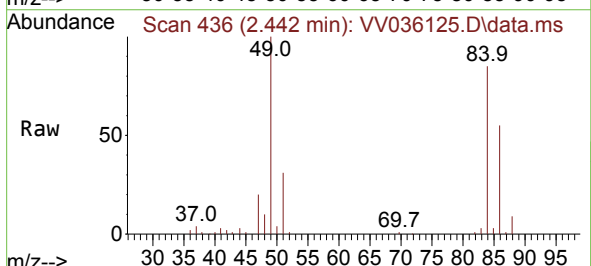
Tgt Ion: 84 Resp: 52245

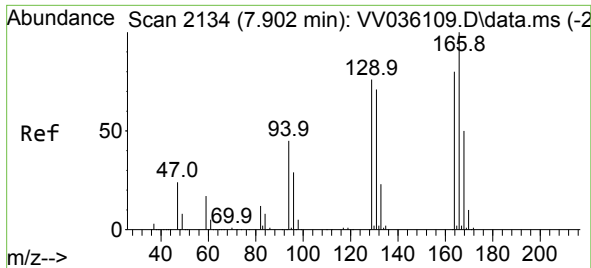
Ion Ratio Lower Upper

84 100

86 65.1 44.6 82.8

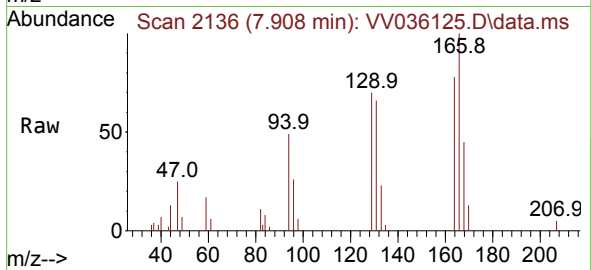
49 117.6 81.1 150.5



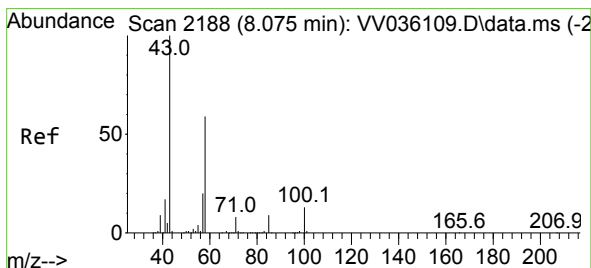
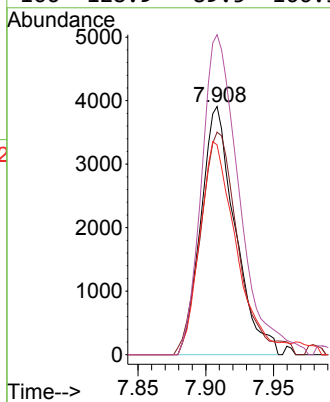
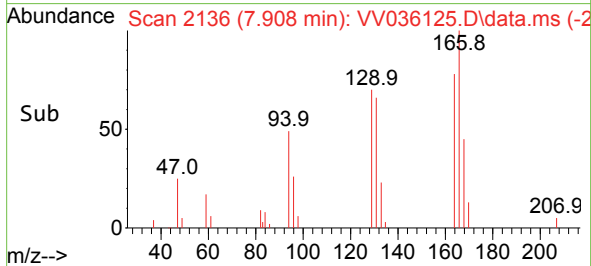


#46
Tetrachloroethene
Concen: 0.895 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.007 min
Lab File: VV036125.D
Acq: 18 Jun 2024 17:36

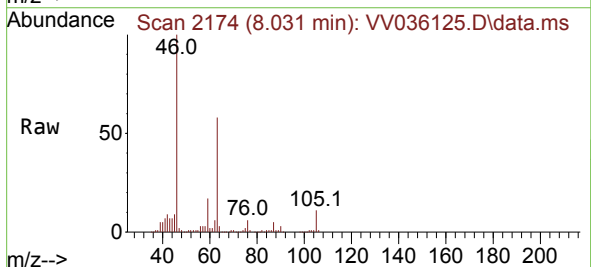
Instrument :
MSVOA_V
ClientSampleId :



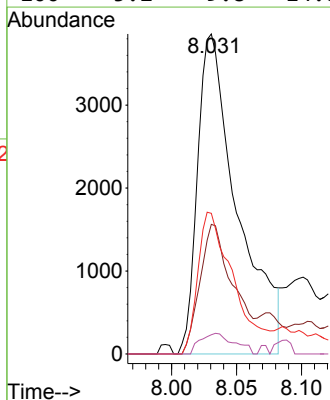
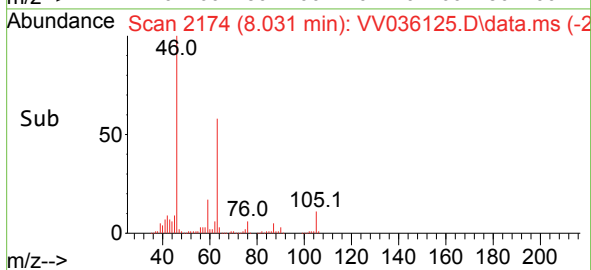
Tgt Ion:	164	Resp:	6836
Ion	Ratio	Lower	Upper
164	100		
129	89.7	64.6	120.0
131	84.5	63.2	117.4
166	128.9	89.5	166.3

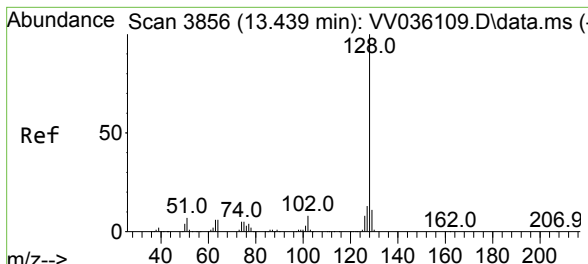


#48
2-Hexanone
Concen: 2.162 ug/L
RT: 8.031 min Scan# 2174
Delta R.T. -0.045 min
Lab File: VV036125.D
Acq: 18 Jun 2024 17:36



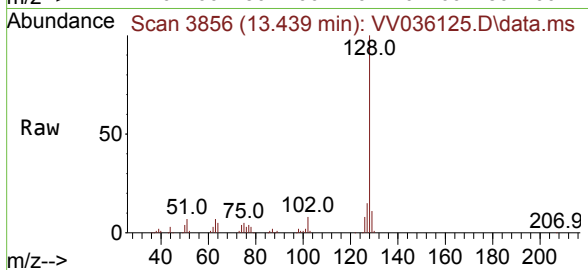
Tgt Ion:	43	Resp:	8219
Ion	Ratio	Lower	Upper
43	100		
58	34.0	45.4	68.0#
57	39.9	15.8	23.8#
100	5.2	9.8	14.8#





#71
Naphthalene
Concen: 5.025 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV036125.D
Acq: 18 Jun 2024 17:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	70341
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.6	16.0
129	10.8	8.8	13.2

