

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036190.D
 Acq On : 21 Jun 2024 02:45
 Operator : SY/MD
 Sample : P2963-11
 Misc : 2.15g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:16:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

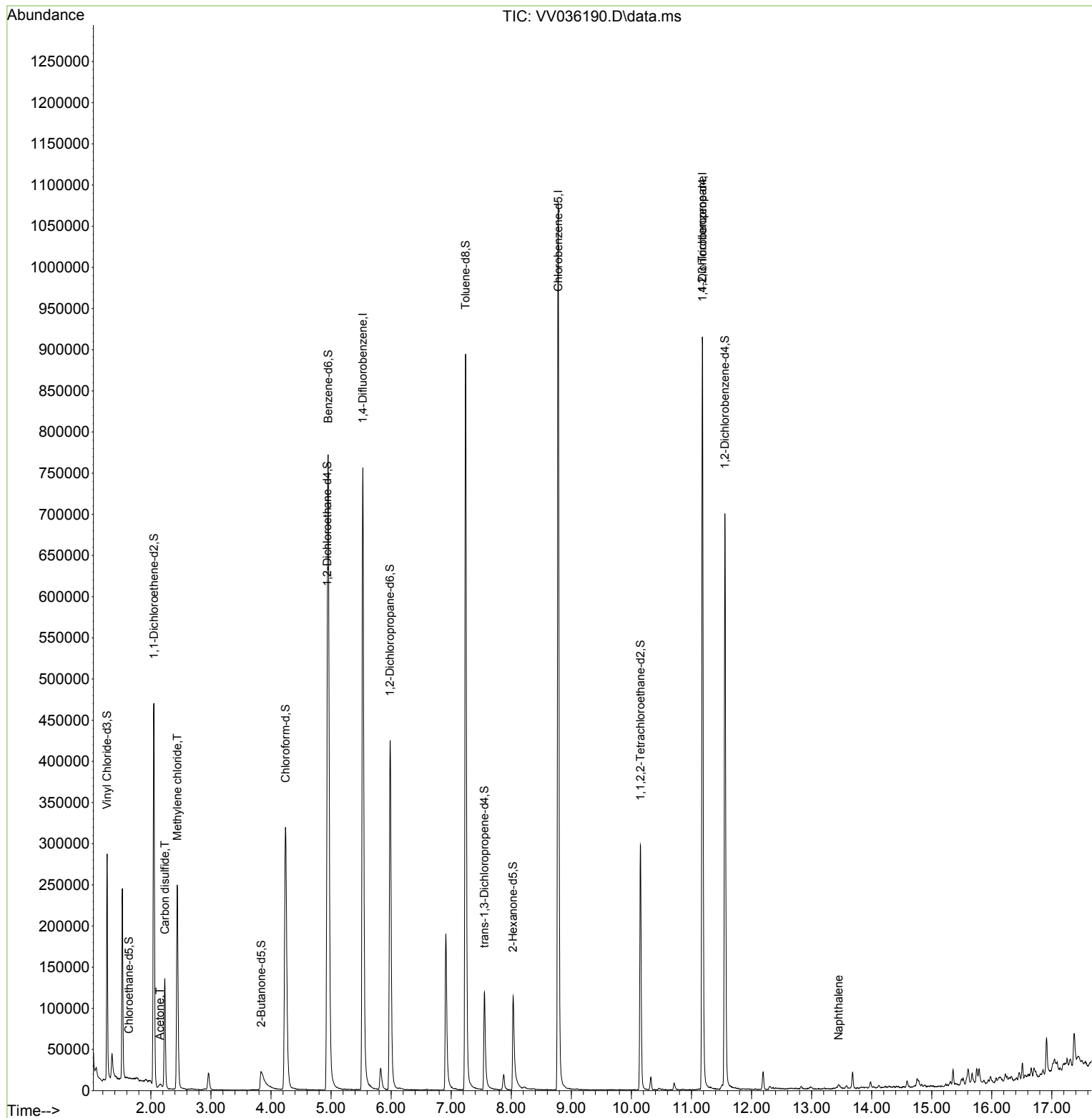
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	683662	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	625051	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	245665	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	186113	14.807	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.240%
7) Chloroethane-d5	1.635	69	217	0.022	ug/L	0.11
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.080%#
11) 1,1-Dichloroethene-d2	2.050	65	80883	14.455	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.840%
21) 2-Butanone-d5	3.838	46	57962	20.099	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.200%
24) Chloroform-d	4.243	84	359748	16.551	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.200%
26) 1,2-Dichloroethane-d4	4.937	65	197210	17.305	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.240%#
32) Benzene-d6	4.953	84	727001	19.567	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.280%
36) 1,2-Dichloropropane-d6	5.982	67	216531	18.506	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.040%
41) Toluene-d8	7.239	98	626283	19.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.555	79	79797	16.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.520%
47) 2-Hexanone-d5	8.030	63	48191	30.400	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.800%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	146437	16.749	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	184294	20.457	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.840%
Target Compounds						
					Qvalue	
13) Acetone	2.150	43	12513	2.786	ug/L	94
14) Carbon disulfide	2.233	76	161526	4.249	ug/L	99
16) Methylene chloride	2.439	84	114474	7.400	ug/L	94
61) 1,2,3-Trichloropropane	11.181	75	26868	4.624	ug/L #	65
71) Naphthalene	13.451	128	4938	0.310	ug/L #	84

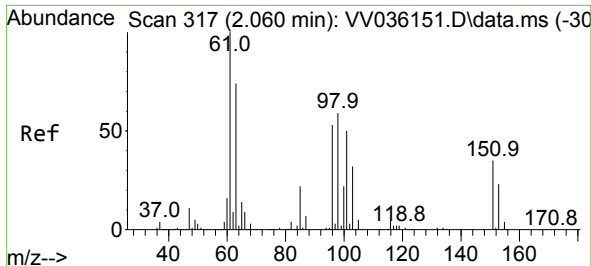
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.786 ug/L

RT: 2.150 min Scan# 345

Delta R.T. 0.003 min

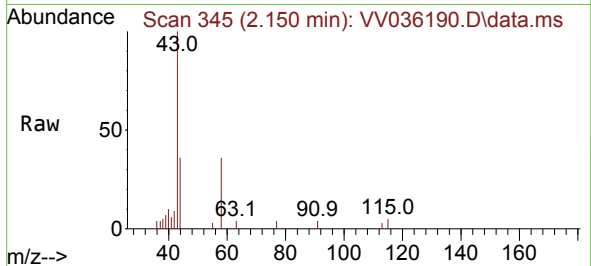
Lab File: VV036190.D

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Instrument :

MSVOA_V

ClientSampleId :

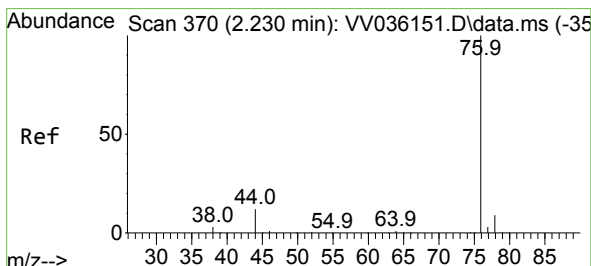
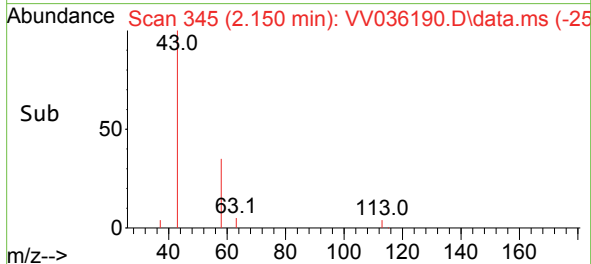
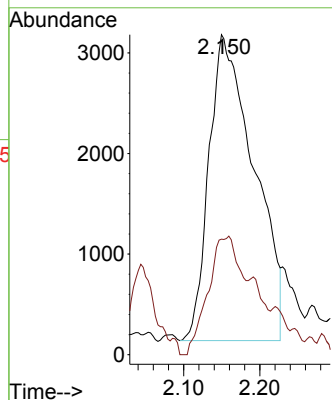


Tgt Ion: 43 Resp: 12513

Ion Ratio Lower Upper

43 100

58 14.5 0.0 24.2



#14

Carbon disulfide

Concen: 4.249 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036190.D

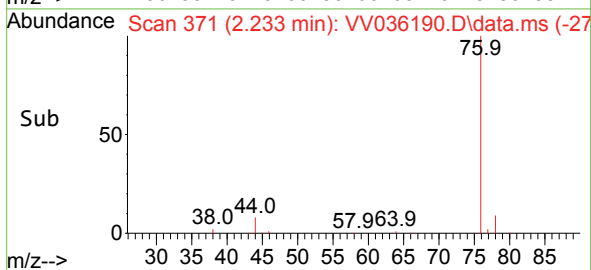
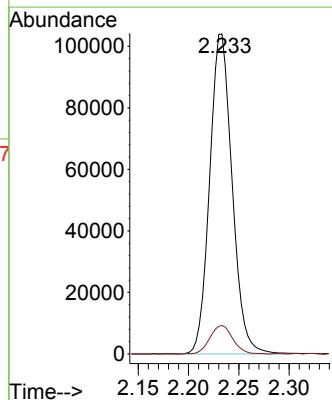
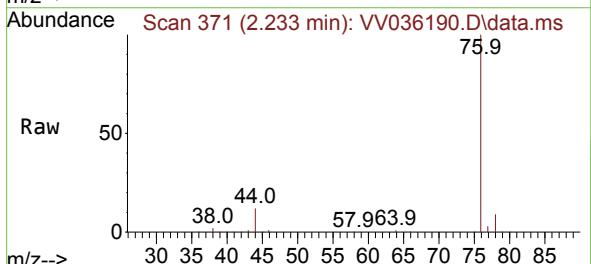
Acq: 21 Jun 2024 02:45

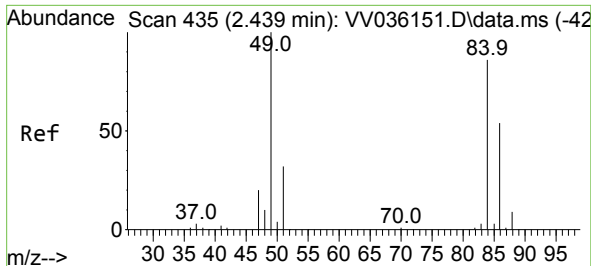
Tgt Ion: 76 Resp: 161526

Ion Ratio Lower Upper

76 100

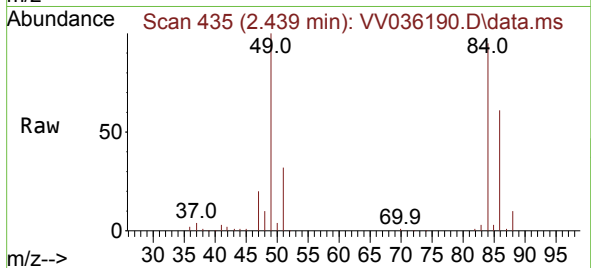
78 8.9 7.4 11.2



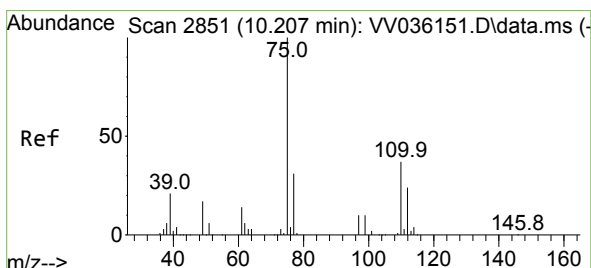
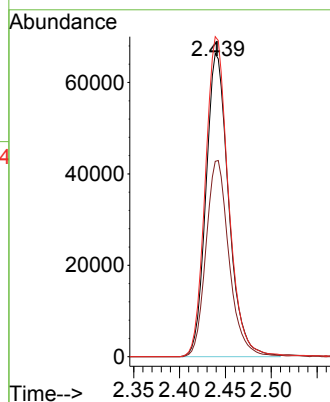
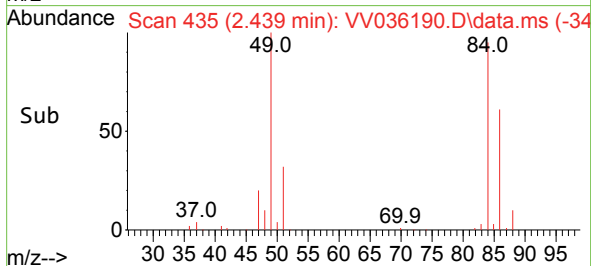


#16
Methylene chloride
Concen: 7.400 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036190.D
Acq: 21 Jun 2024 02:45

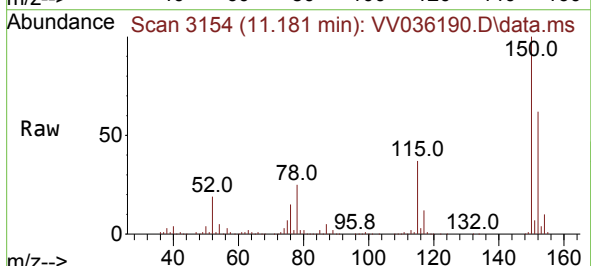
Instrument :
MSVOA_V
ClientSampleId :



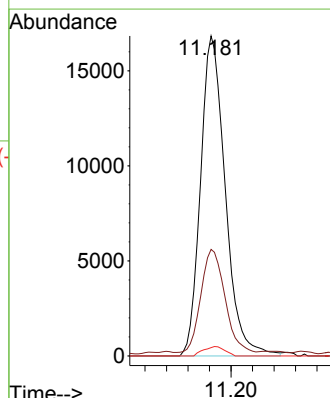
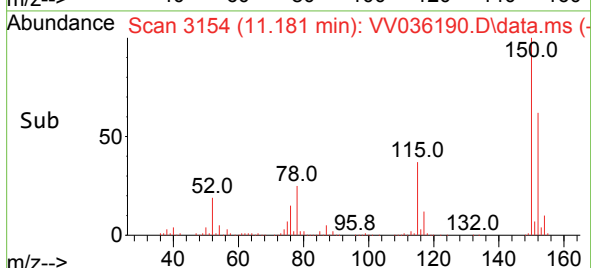
Tgt Ion: 84 Resp: 114474
Ion Ratio Lower Upper
84 100
86 64.4 44.6 82.8
49 105.5 81.1 150.5

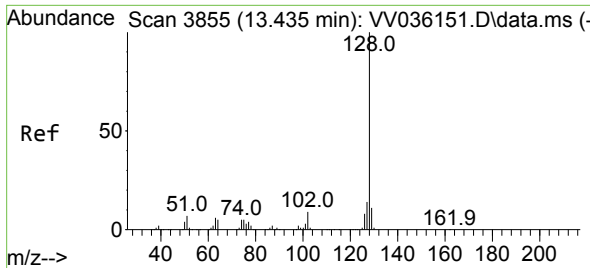


#61
1,2,3-Trichloropropane
Concen: 4.624 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.974 min
Lab File: VV036190.D
Acq: 21 Jun 2024 02:45



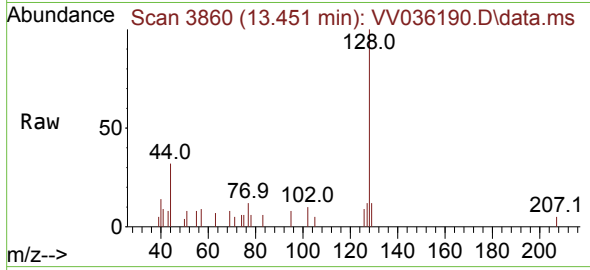
Tgt Ion: 75 Resp: 26868
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0
110 2.5 32.2 48.4#





#71
Naphthalene
Concen: 0.310 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.016 min
Lab File: VV036190.D
Acq: 21 Jun 2024 02:45

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	4938
Ion	Ratio	Lower	Upper
128	100		
127	5.7	10.6	16.0#
129	6.1	8.8	13.2#

