

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052524\
 Data File : VW035811.D
 Acq On : 25 May 2024 21:03
 Operator : SY/MD
 Sample : P2586-02
 Misc : 5.34g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 05:31:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 05:15:54 2024
 Response via : Initial Calibration

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

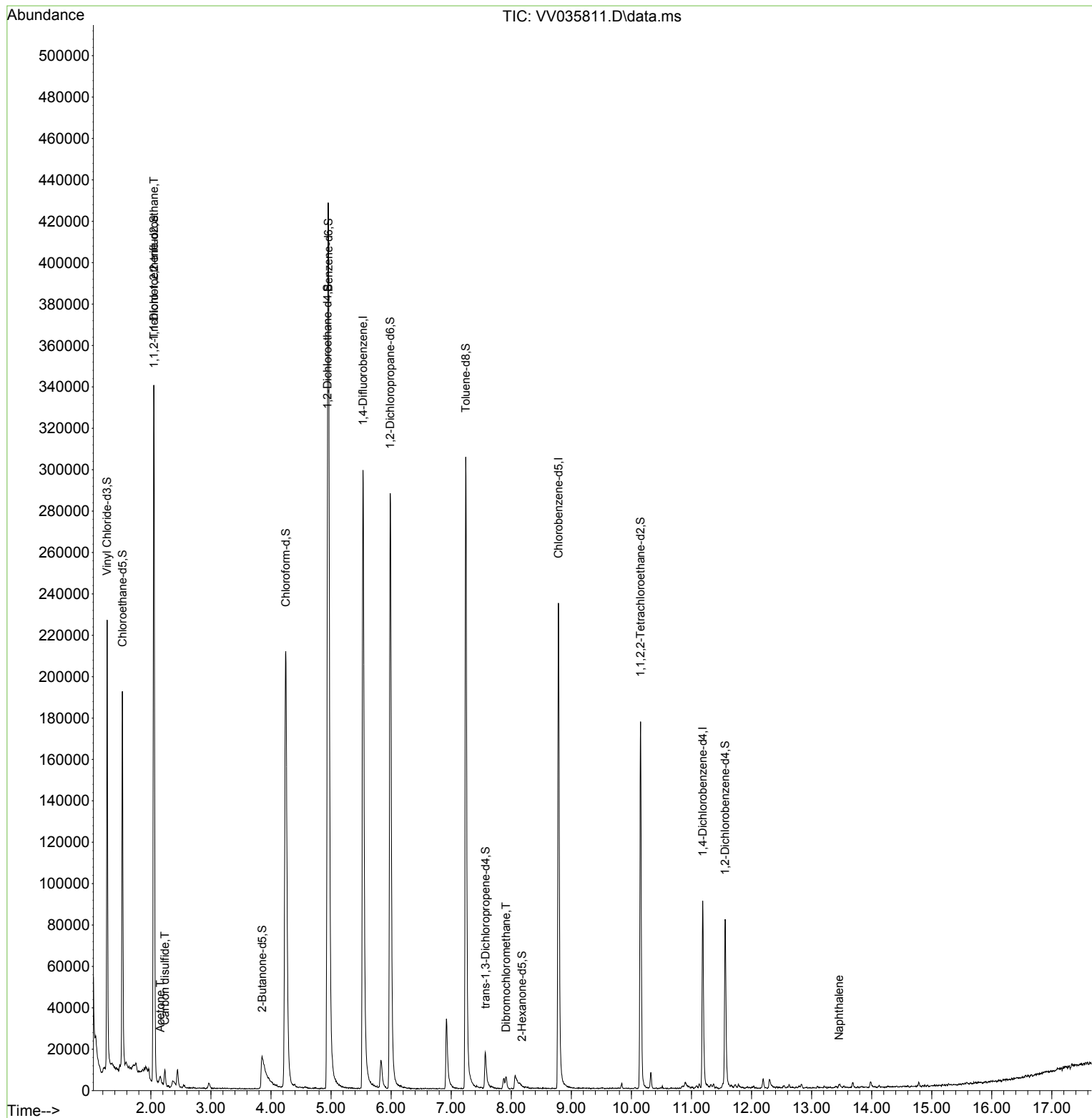
Internal Standards							
1) 1,4-Difluorobenzene		5.532	114	269207	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.786	117	141209	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.188	152	25302	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.272	65	145673	35.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	140.040%	
7) Chloroethane-d5		1.526	69	123607	36.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	147.280%	
11) 1,1-Dichloroethene-d2		2.050	65	59168	32.120	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	128.480%#	
21) 2-Butanone-d5		3.854	46	38093	32.259	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.520%	
24) Chloroform-d		4.246	84	244361	30.532	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.120%	
26) 1,2-Dichloroethane-d4		4.940	65	112268	28.375	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.520%	
32) Benzene-d6		4.956	84	395977	51.228	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	204.920%#	
36) 1,2-Dichloropropane-d6		5.985	67	151272	63.415	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	253.640%#	
41) Toluene-d8		7.243	98	220879	32.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	128.440%	
43) trans-1,3-Dichloroprop...		7.571	79	13866	13.592	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.360%	
47) 2-Hexanone-d5		8.181	63	105	0.245	ug/L	0.15
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.480%#	
56) 1,1,2,2-Tetrachloroeth...		10.152	84	90327	39.296	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	157.200%#	
66) 1,2-Dichlorobenzene-d4		11.561	152	23058	26.259	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.040%	
Target Compounds							
10) 1,1,2-Trichloro-1,2,2-...		2.053	101	1801	0.385	ug/L #	20
13) Acetone		2.159	43	3722	2.153	ug/L	99
14) Carbon disulfide		2.233	76	9278	0.694	ug/L	98
49) Dibromochloromethane		7.915	129	1588	0.679	ug/L #	11
71) Naphthalene		13.458	128	1089	0.537	ug/L #	79

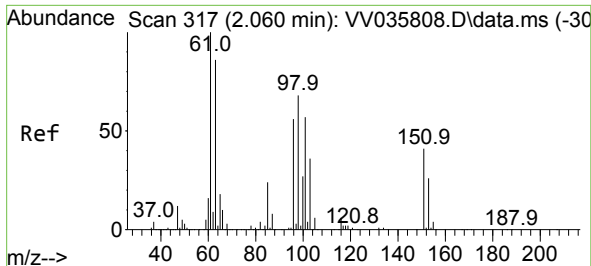
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon May 27 05:15:54 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.385 ug/L

RT: 2.053 min Scan# 317

Delta R.T. -0.007 min

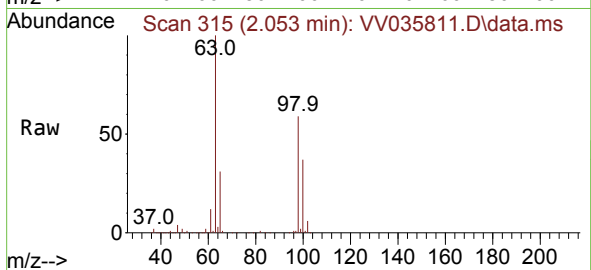
Lab File: VV035811.D

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Instrument :

MSVOA_V

ClientSampleId :



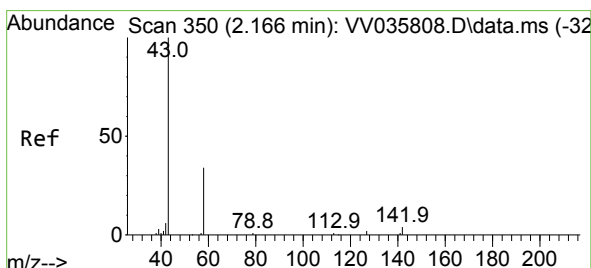
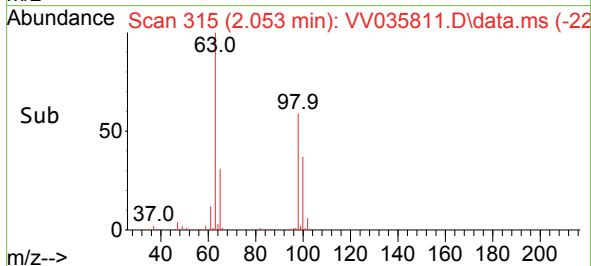
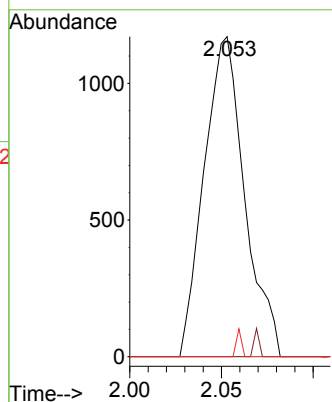
Tgt Ion:101 Resp: 1801

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

151 0.0 59.5 89.3#



#13

Acetone

Concen: 2.153 ug/L

RT: 2.159 min Scan# 348

Delta R.T. -0.007 min

Lab File: VV035811.D

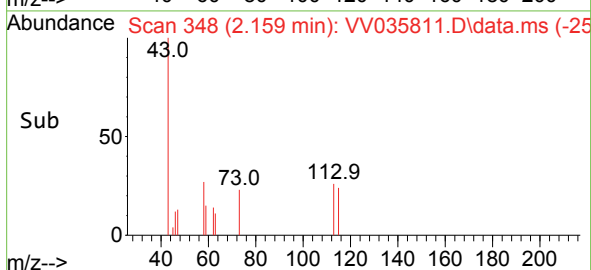
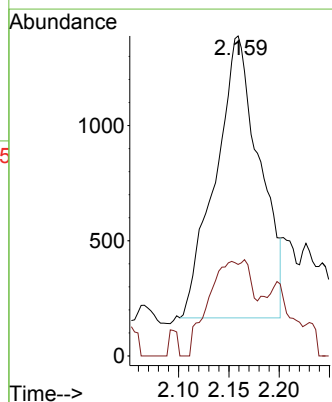
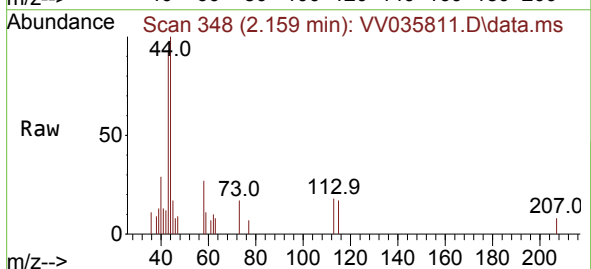
Acq: 25 May 2024 21:03

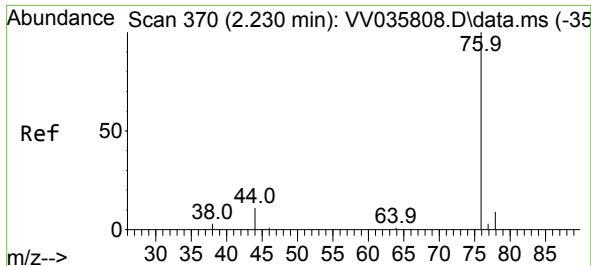
Tgt Ion: 43 Resp: 3722

Ion Ratio Lower Upper

43 100

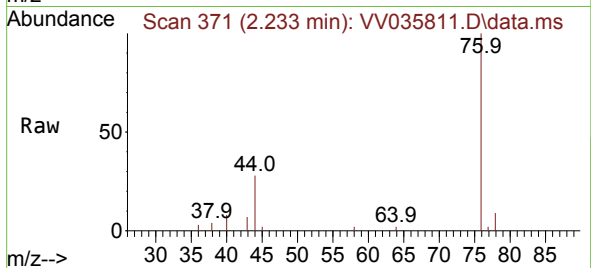
58 11.7 0.0 22.8



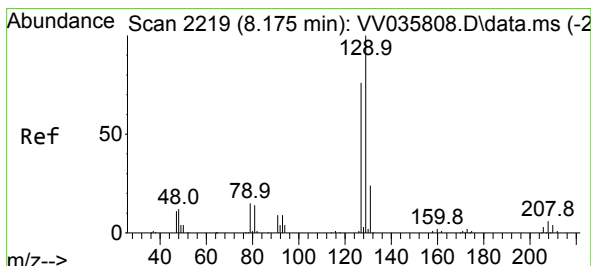
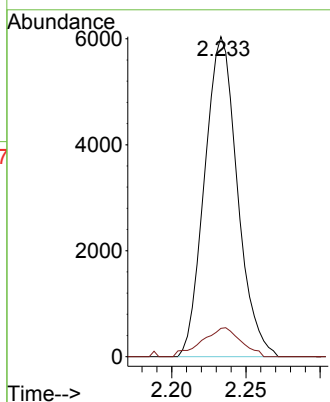
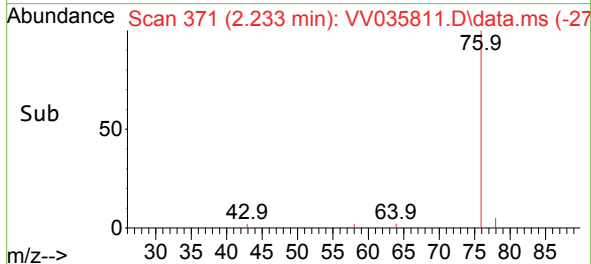


#14
Carbon disulfide
Concen: 0.694 ug/L
RT: 2.233 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035811.D
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Instrument :
MSVOA_V
ClientSampleId :

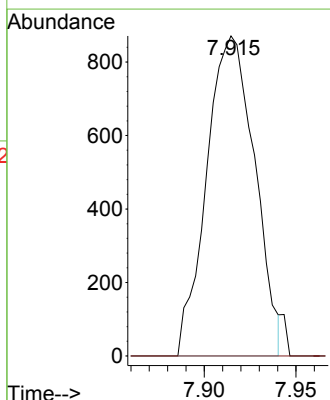
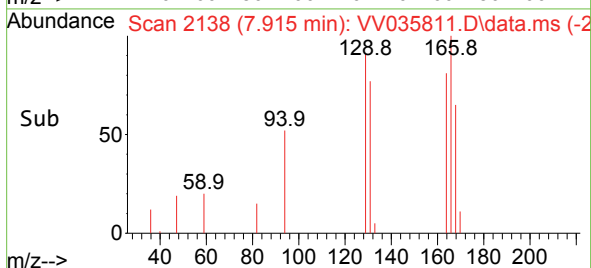
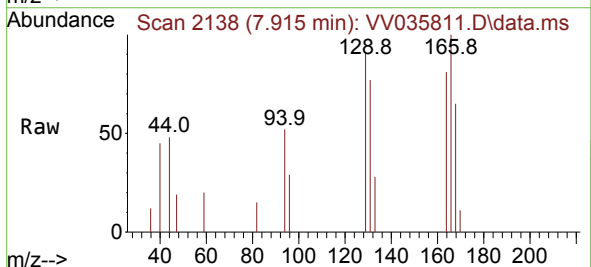


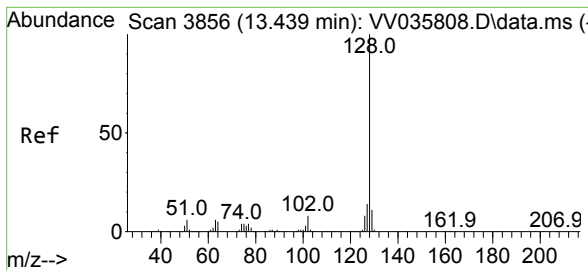
Tgt Ion: 76 Resp: 9278
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#49
Dibromochloromethane
Concen: 0.679 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.261 min
Lab File: VV035811.D
Acq: 25 May 2024 21:03

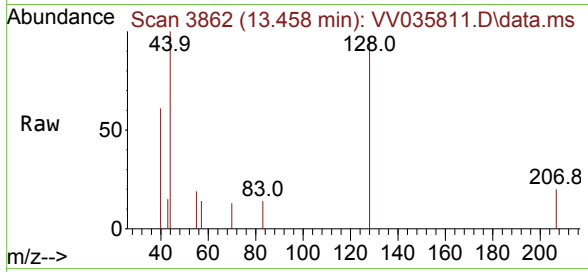
Tgt Ion: 129 Resp: 1588
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#





#71
Naphthalene
Concen: 0.537 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.019 min
Lab File: VV035811.D
Acq: 25 May 2024 21:03

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1089
Ion Ratio	100	Lower	Upper
128	100		
127	3.9	10.4	15.6#
129	3.8	8.6	13.0#

