

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036216.D
 Acq On : 21 Jun 2024 18:45
 Operator : SY/MD
 Sample : P2987-02
 Misc : 2.40g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 00:16:29 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)

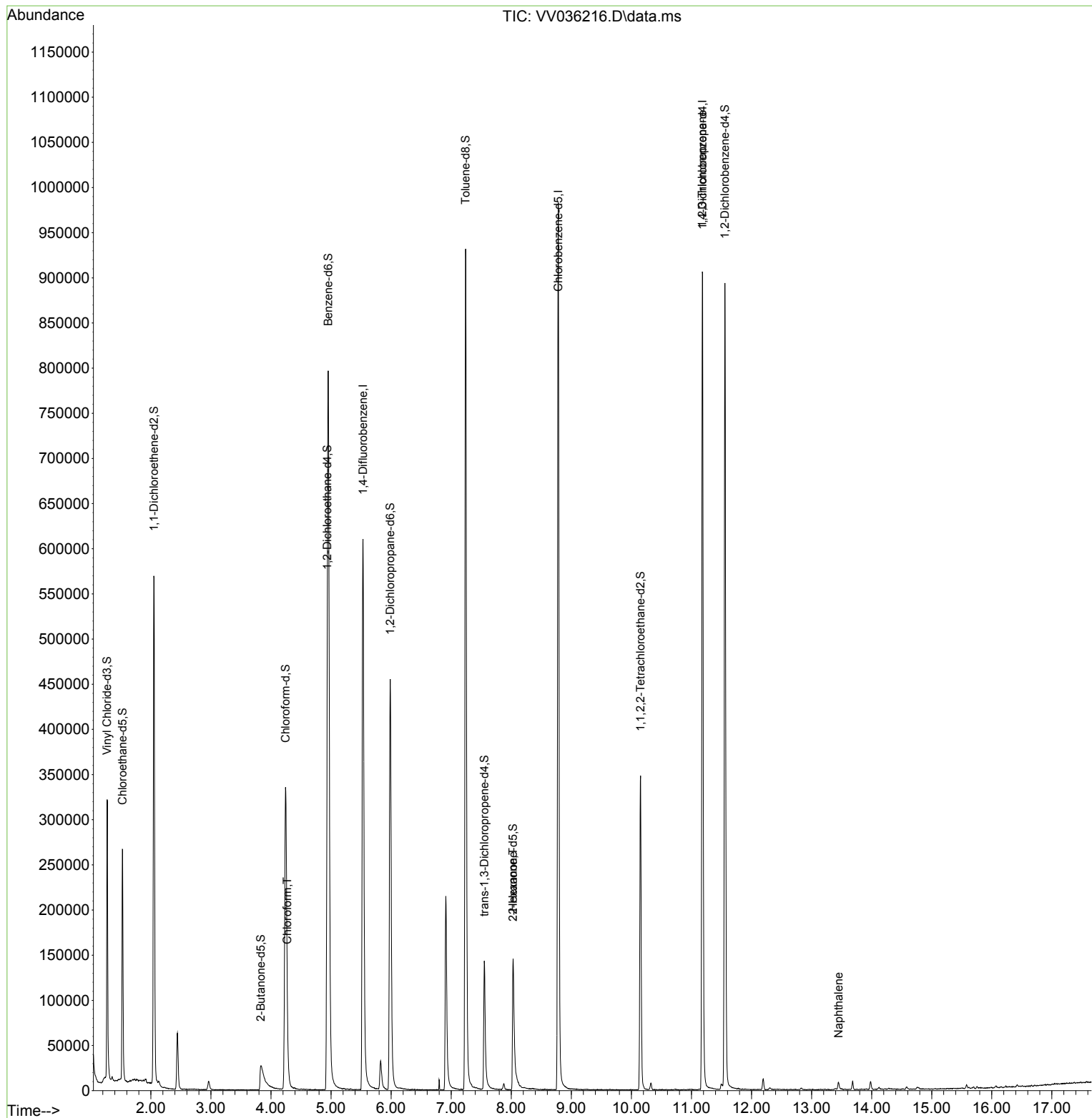
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	536212	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	537650	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	235817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	205965	20.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.560%
7) Chloroethane-d5	1.529	69	172433	21.936	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.760%
11) 1,1-Dichloroethene-d2	2.050	65	96951	22.091	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.360%
21) 2-Butanone-d5	3.831	46	77758	34.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.760%
24) Chloroform-d	4.243	84	363718	21.336	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.360%
26) 1,2-Dichloroethane-d4	4.937	65	201853	22.584	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.320%
32) Benzene-d6	4.954	84	726525	22.733	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.920%
36) 1,2-Dichloropropane-d6	5.986	67	229880	22.841	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.360%
41) Toluene-d8	7.240	98	629971	22.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.360%
43) trans-1,3-Dichloroprop...	7.551	79	85785	20.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.160%
47) 2-Hexanone-d5	8.031	63	56946	41.762	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.520%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	170352	22.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	227770	26.339	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.360%
Target Compounds						
					Qvalue	
25) Chloroform	4.272	83	9211	0.515	ug/L	81
48) 2-Hexanone	8.027	43	7298	1.861	ug/L #	69
61) 1,2,3-Trichloropropane	11.182	75	28026	5.025	ug/L #	66
71) Naphthalene	13.448	128	7079	0.464	ug/L	98

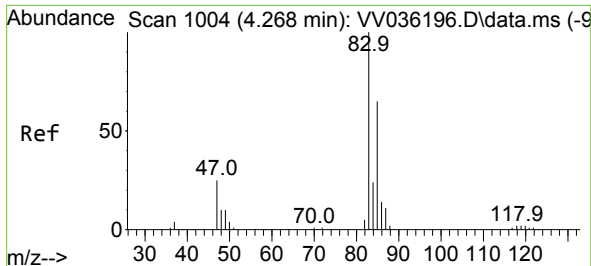
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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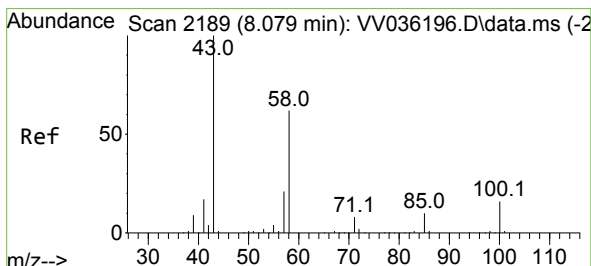
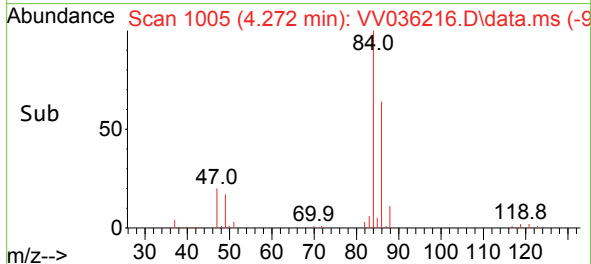
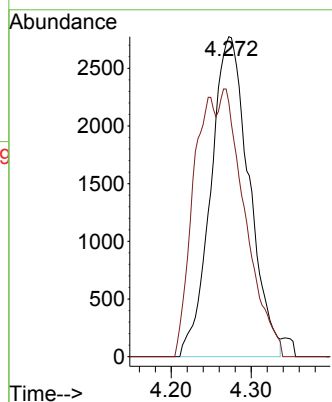
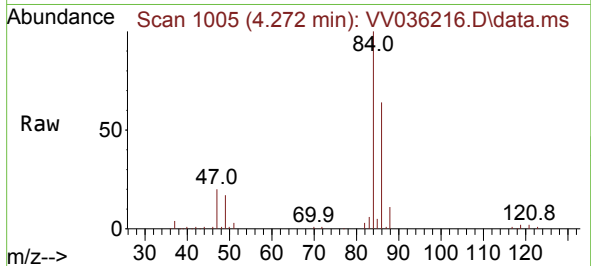




#25
Chloroform
Concen: 0.515 ug/L
RT: 4.272 min Scan# 10
Delta R.T. 0.003 min
Lab File: VV036216.D
Acq: 21 Jun 2024 18:45

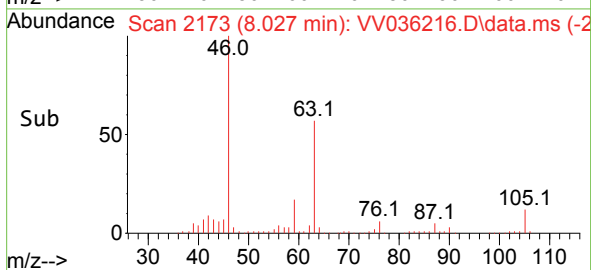
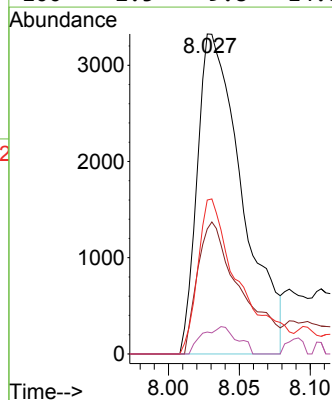
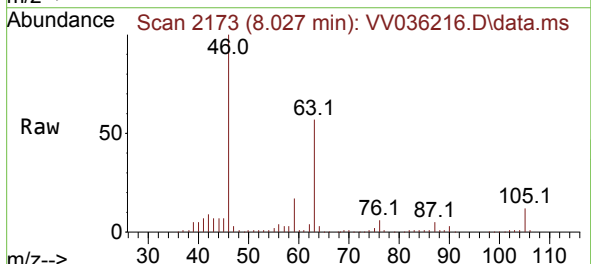
Instrument :
MSVOA_V
ClientSampleId :

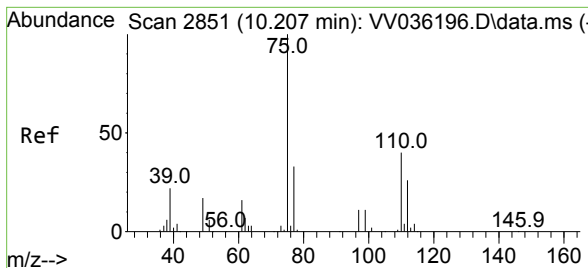
Tgt Ion: 83 Resp: 9211
Ion Ratio Lower Upper
83 100
85 79.4 45.2 84.0



#48
2-Hexanone
Concen: 1.861 ug/L
RT: 8.027 min Scan# 2173
Delta R.T. -0.051 min
Lab File: VV036216.D
Acq: 21 Jun 2024 18:45

Tgt Ion: 43 Resp: 7298
Ion Ratio Lower Upper
43 100
58 36.5 45.4 68.0#
57 40.1 15.8 23.8#
100 2.5 9.8 14.8#





#61

1,2,3-Trichloropropane

Concen: 5.025 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.974 min

Lab File: VV036216.D

Acq: 21 Jun 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

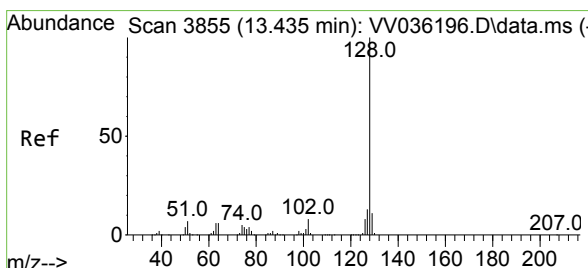
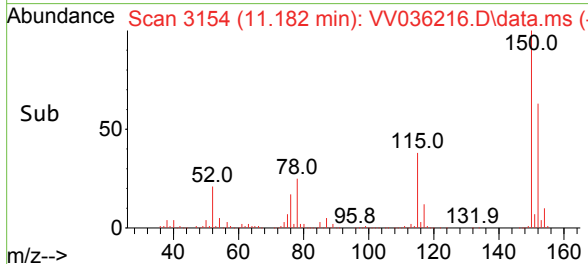
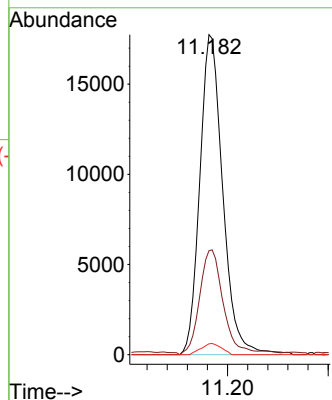
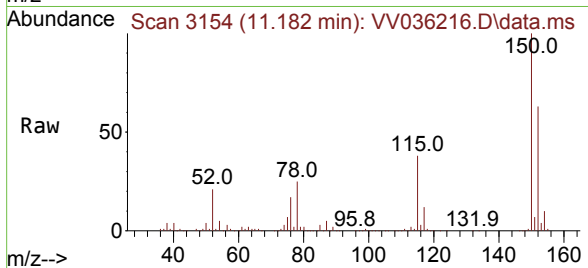
Tgt Ion: 75 Resp: 28026

Ion Ratio Lower Upper

75 100

77 33.6 26.0 39.0

110 3.1 32.2 48.4#



#71

Naphthalene

Concen: 0.464 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.013 min

Lab File: VV036216.D

Acq: 21 Jun 2024 18:45

Tgt Ion: 128 Resp: 7079

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 9.7 8.8 13.2

