

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036316.D
 Acq On : 27 Jun 2024 18:05
 Operator : SY/MD
 Sample : P3035-04
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 12:03:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

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

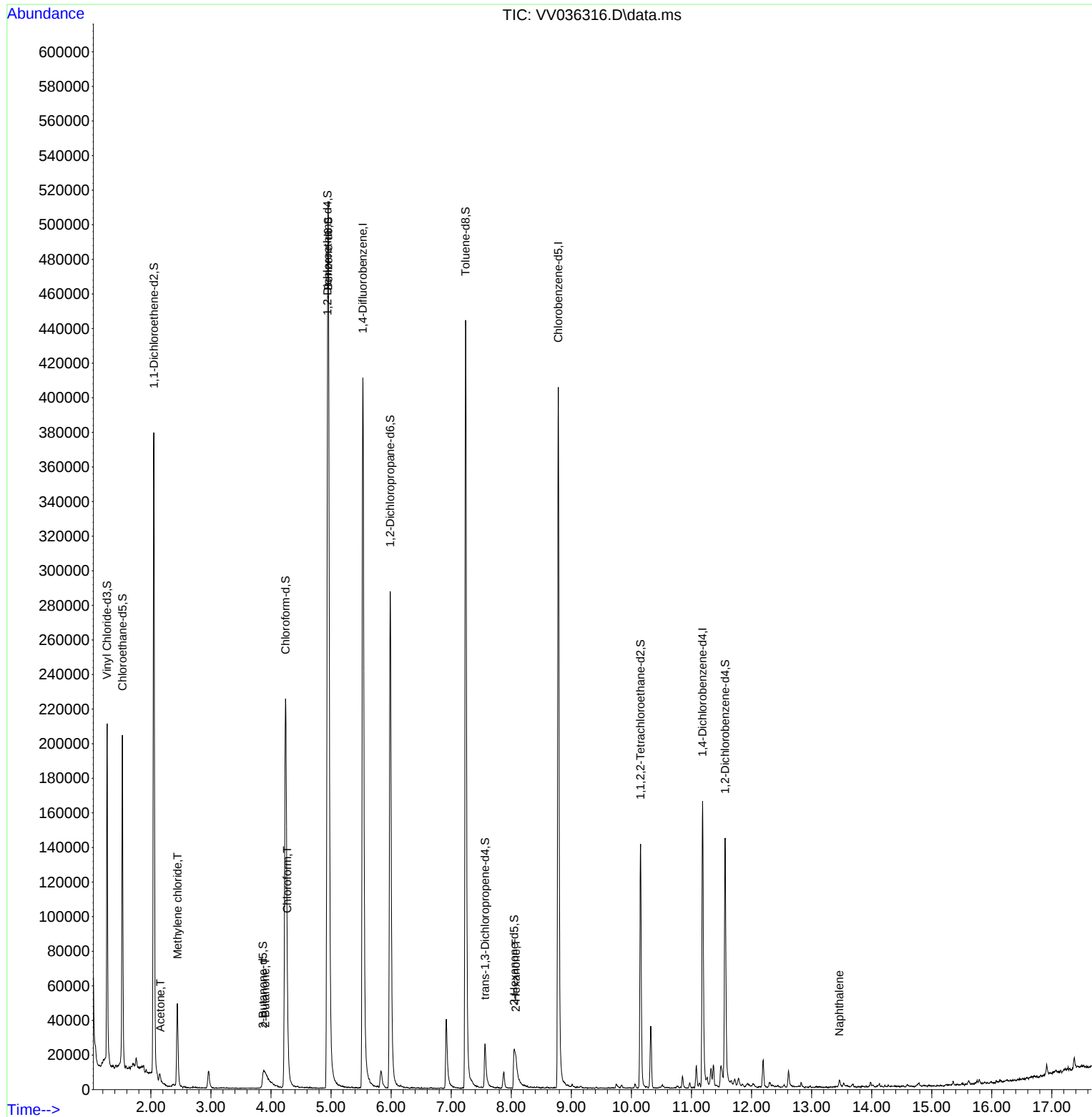
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	376531	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	239778	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47684	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	129677	20.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.120%
7) Chloroethane-d5	1.526	69	127274	24.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.680%
11) 1,1-Dichloroethene-d2	2.050	65	63372	21.081	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.320%
21) 2-Butanone-d5	3.867	46	13160	8.867	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	17.740%#
24) Chloroform-d	4.243	84	251775	22.653	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	4.941	65	139327	23.507	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.040%
32) Benzene-d6	4.953	84	474329	35.043	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	140.160%#
36) 1,2-Dichloropropane-d6	5.986	67	144678	35.536	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.160%#
41) Toluene-d8	7.239	98	315772	25.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.480%
43) trans-1,3-Dichloroprop...	7.564	79	18472	10.160	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	40.640%
47) 2-Hexanone-d5	8.047	63	6855	10.548	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.100%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	69654	20.871	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.480%
66) 1,2-Dichlorobenzene-d4	11.561	152	38352	22.071	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.280%
Target Compounds						Qvalue
13) Acetone	2.159	43	3100	1.546	ug/L #	75
16) Methylene chloride	2.442	84	21701	2.928	ug/L	94
22) 2-Butanone	3.905	43	5106	3.020	ug/L #	51
25) Chloroform	4.272	83	7809	0.699	ug/L	78
48) 2-Hexanone	8.079	43	11195	6.958	ug/L #	42
71) Naphthalene	13.461	128	1021	0.318	ug/L #	79

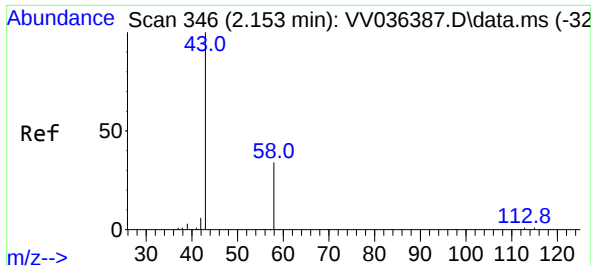
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jul 02 05:19:46 2024
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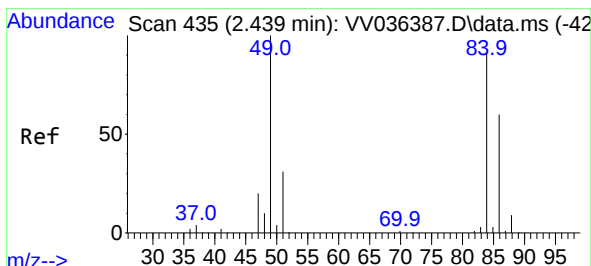
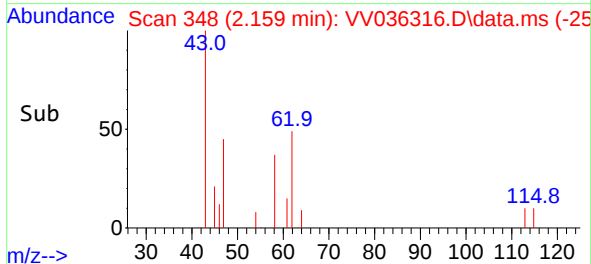
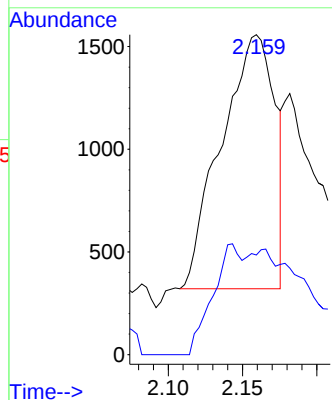
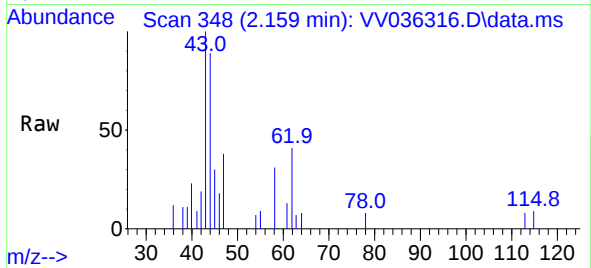




#13
Acetone
Concen: 1.546 ug/L
RT: 2.159 min Scan# 34
Delta R.T. 0.006 min
Lab File: VV036316.D
Acq: 27 Jun 2024 18:05

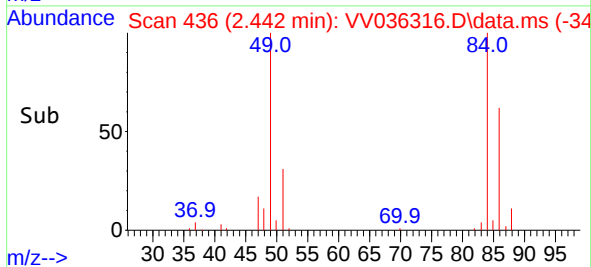
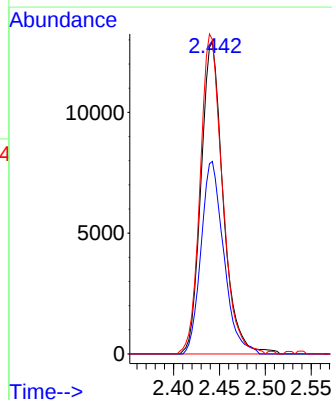
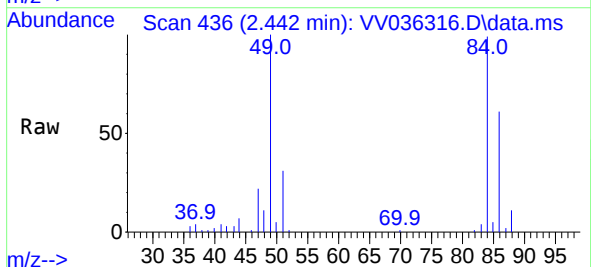
Instrument :
MSVOA_V
ClientSampleId :

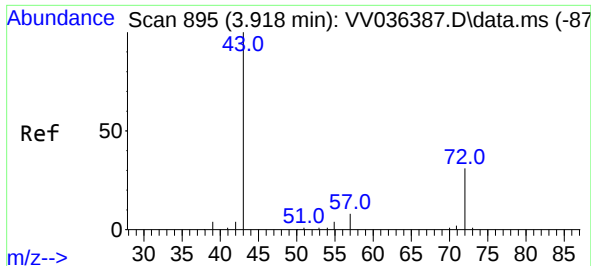
Tgt Ion: 43 Resp: 3100
Ion Ratio Lower Upper
43 100
58 23.4 0.0 0.6#



#16
Methylene chloride
Concen: 2.928 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036316.D
Acq: 27 Jun 2024 18:05

Tgt Ion: 84 Resp: 21701
Ion Ratio Lower Upper
84 100
86 61.8 45.6 84.8
49 101.0 75.7 140.5

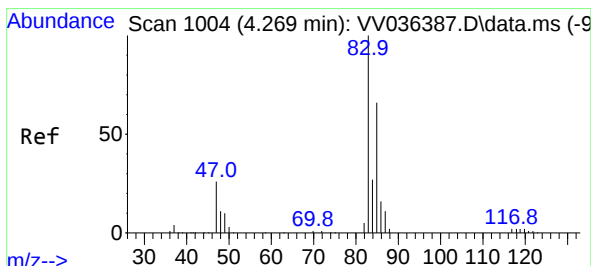
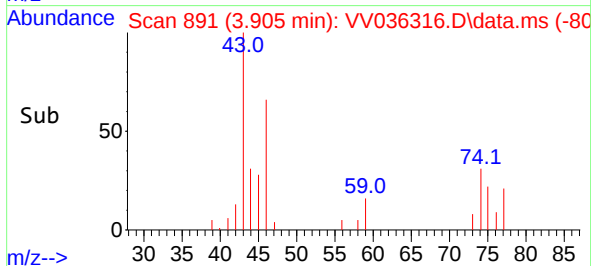
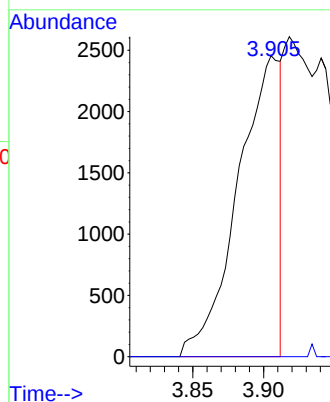
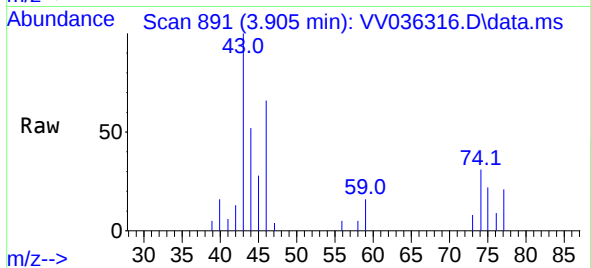




#22
2-Butanone
Concen: 3.020 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.013 min
Lab File: VV036316.D
Acq: 27 Jun 2024 18:05

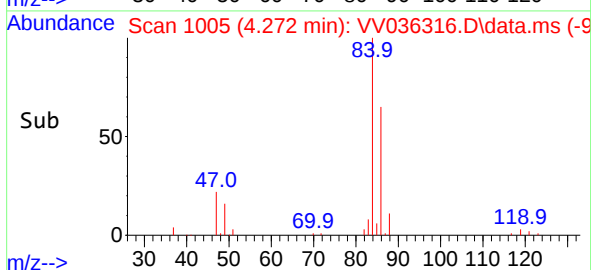
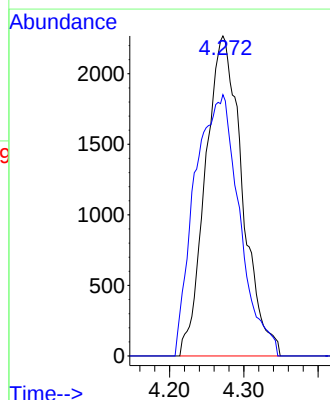
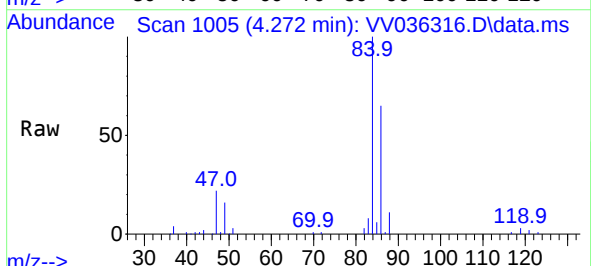
Instrument :
MSVOA_V
ClientSampleId :

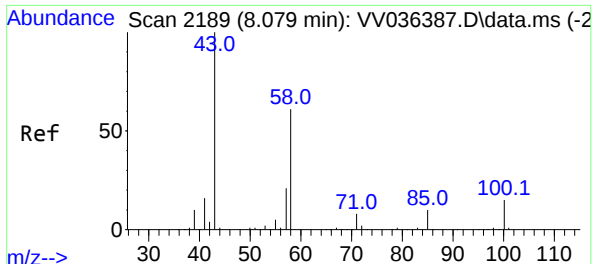
Tgt Ion: 43 Resp: 5106
Ion Ratio Lower Upper
43 100
72 0.8 12.9 38.7#



#25
Chloroform
Concen: 0.699 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV036316.D
Acq: 27 Jun 2024 18:05

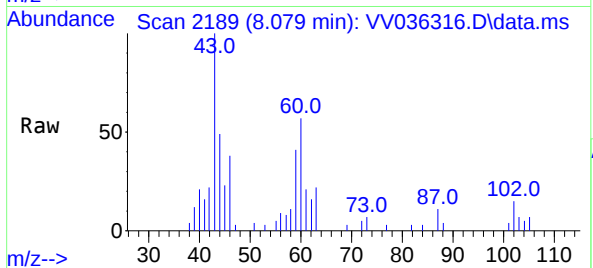
Tgt Ion: 83 Resp: 7809
Ion Ratio Lower Upper
83 100
85 81.7 45.0 83.6





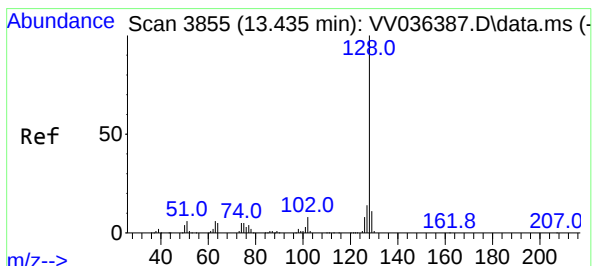
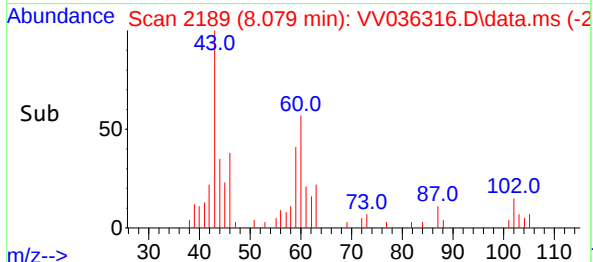
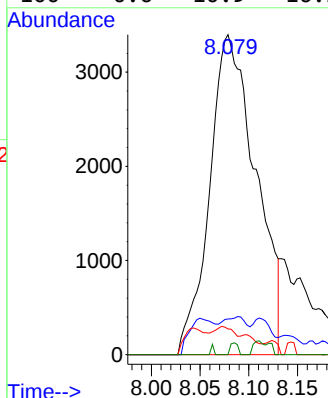
#48
2-Hexanone
Concen: 6.958 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036316.D
Acq: 27 Jun 2024 18:05

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 11195

Ion	Ratio	Lower	Upper
43	100		
58	6.0	48.5	72.7#
57	4.0	15.8	23.6#
100	0.6	10.9	16.3#



#71
Naphthalene
Concen: 0.318 ug/L
RT: 13.461 min Scan# 3863
Delta R.T. 0.026 min
Lab File: VV036316.D
Acq: 27 Jun 2024 18:05

Tgt Ion: 128 Resp: 1021

Ion	Ratio	Lower	Upper
128	100		
127	3.8	10.8	16.2#
129	3.9	8.6	13.0#

