

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042523\
 Data File : VW030856.D
 Acq On : 25 Apr 2023 23:31
 Operator : SY/MD
 Sample : 02474-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AS6

Quant Time: Apr 26 02:58:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

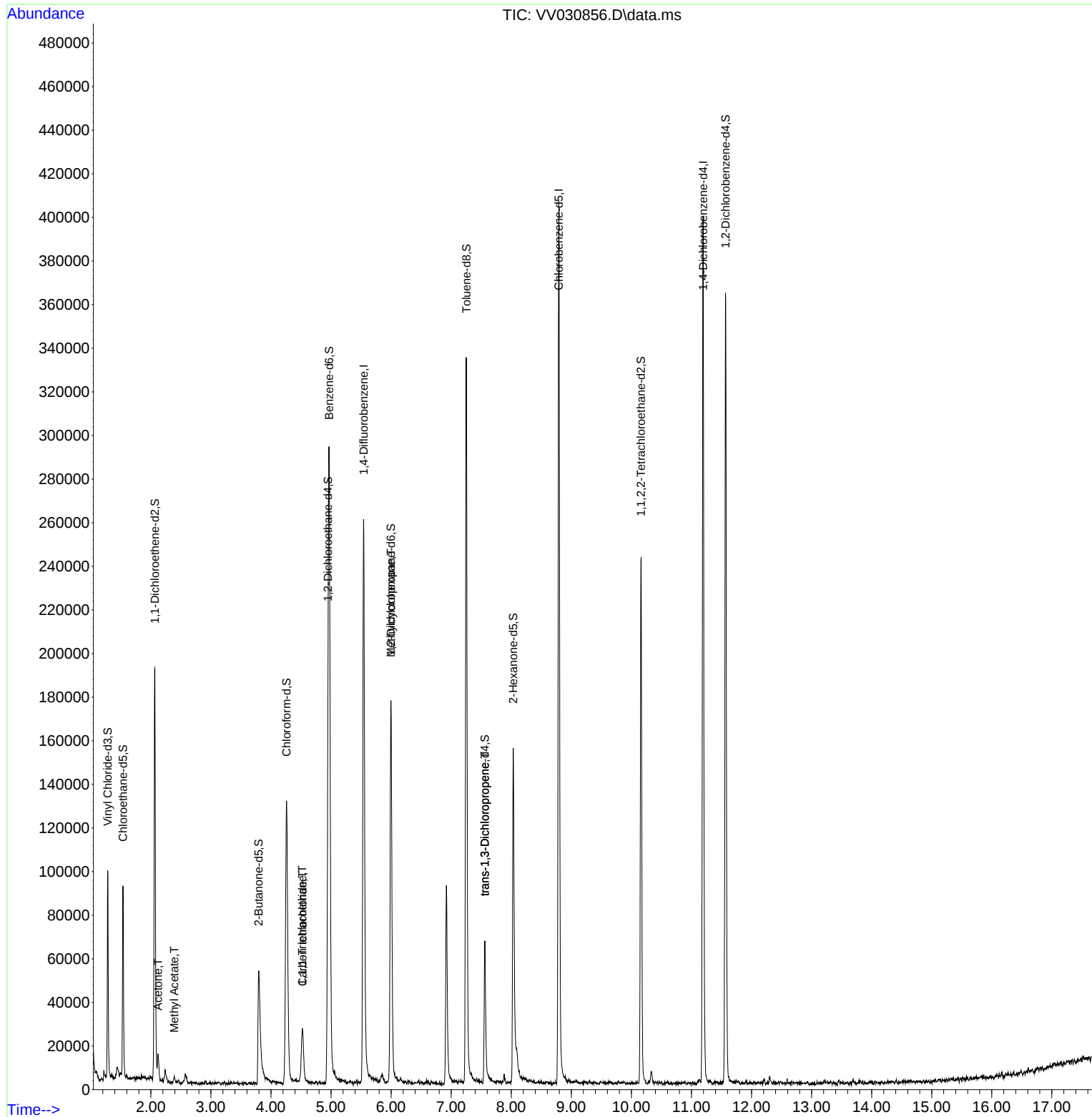
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	217239	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	214381	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	107300	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	61414	38.564	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.120%
7) Chloroethane-d5	1.536	69	53409	40.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.040%
11) 1,1-Dichloroethene-d2	2.066	65	32108	42.514	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.020%
21) 2-Butanone-d5	3.796	46	81209	92.841	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.840%
24) Chloroform-d	4.259	84	133276	46.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	4.950	65	94470	50.914	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.820%
32) Benzene-d6	4.970	84	242189	47.782	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.560%
36) 1,2-Dichloropropane-d6	5.998	67	74048	47.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.060%
41) Toluene-d8	7.252	98	218242	45.860	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.720%
43) trans-1,3-Dichloroprop...	7.561	79	36015	45.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.780%
47) 2-Hexanone-d5	8.034	63	50492	81.409	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.410%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	104989	45.956	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.920%
66) 1,2-Dichlorobenzene-d4	11.567	152	90985	53.348	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.700%
Target Compounds						
					Qvalue	
13) Acetone	2.121	43	9967	7.364	ug/L	93
15) Methyl Acetate	2.388	43	4105	2.273	ug/L	96
30) 1,1,1-Trichloroethane	4.519	97	19467	6.462	ug/L	96
31) Carbon tetrachloride	4.526	117	2764	1.026	ug/L	97
35) Methylcyclohexane	5.995	83	19941	7.515	ug/L #	17
44) trans-1,3-Dichloropropene	7.561	75	2230	0.863	ug/L #	62

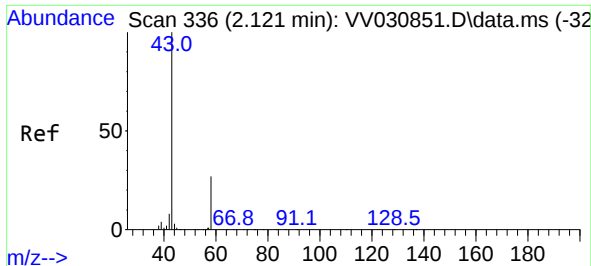
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 22 00:43:23 2023
Response via : Initial Calibration





#13

Acetone

Concen: 7.364 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV030856.D

Acq: 25 Apr 2023 23:31

Instrument :

MSVOA_V

ClientSampleId :

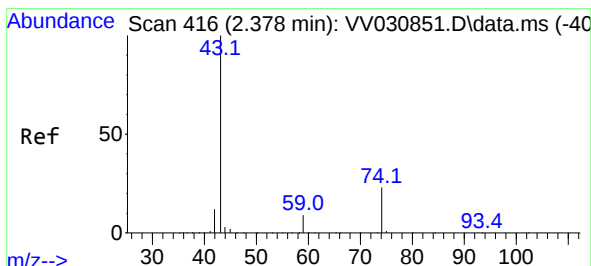
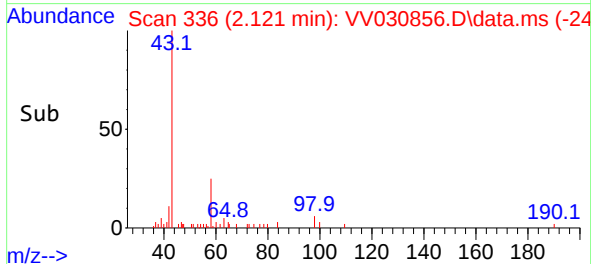
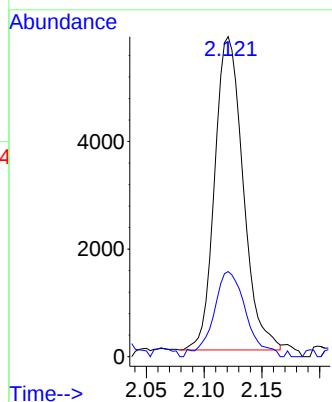
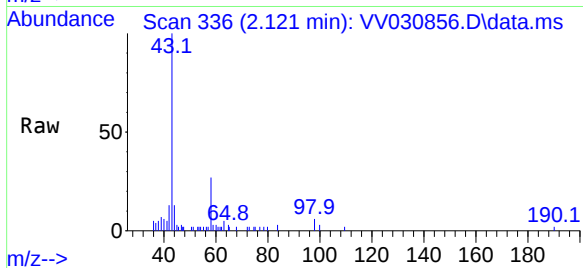
C0AS6

Tgt Ion: 43 Resp: 9967

Ion Ratio Lower Upper

43 100

58 30.2 0.0 52.8



#15

Methyl Acetate

Concen: 2.273 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.006 min

Lab File: VV030856.D

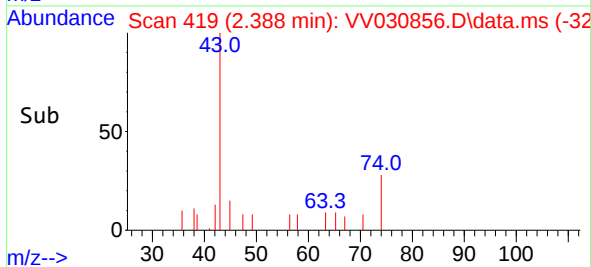
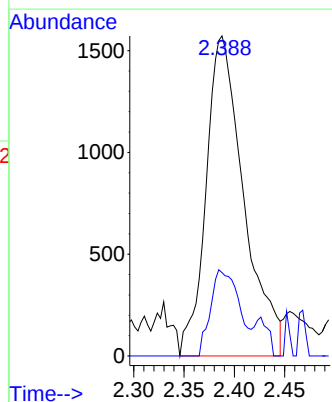
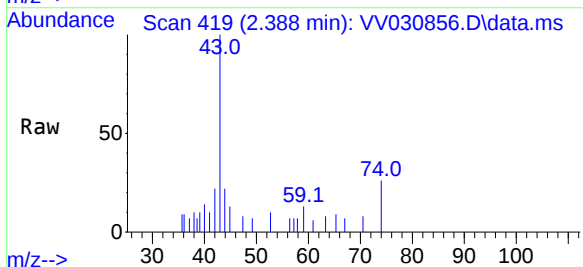
Acq: 25 Apr 2023 23:31

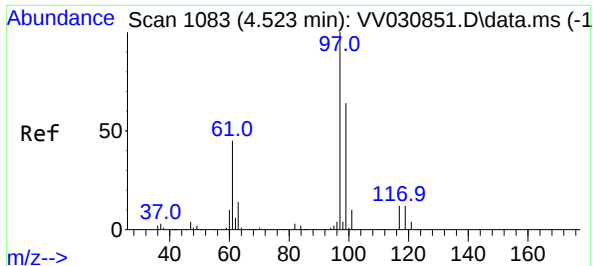
Tgt Ion: 43 Resp: 4105

Ion Ratio Lower Upper

43 100

74 20.4 17.7 26.5

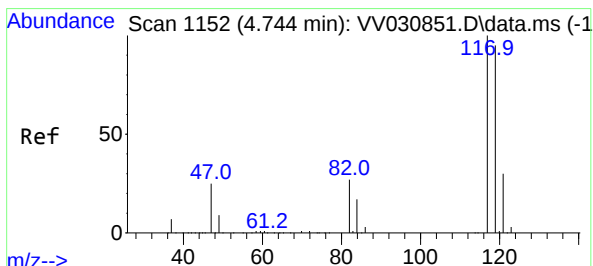
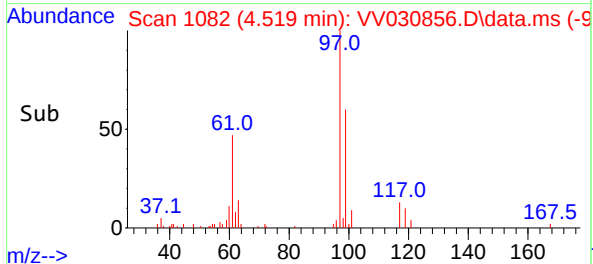
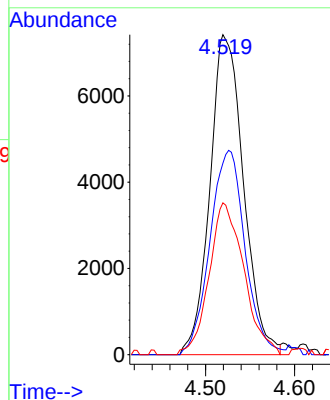
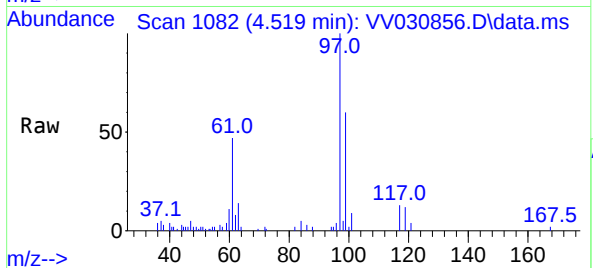




#30
1,1,1-Trichloroethane
Concen: 6.462 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. -0.003 min
Lab File: VV030856.D
Acq: 25 Apr 2023 23:31

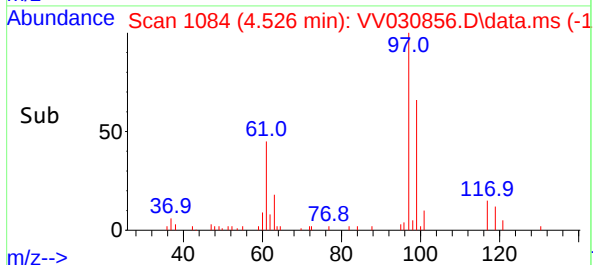
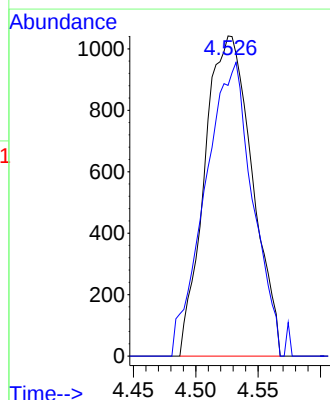
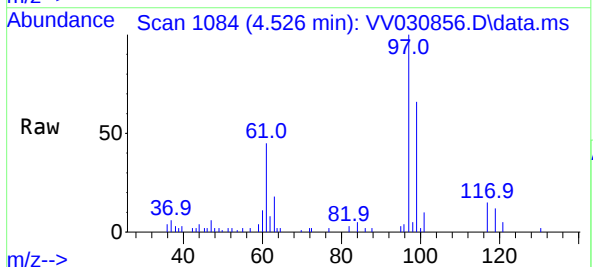
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C0AS6

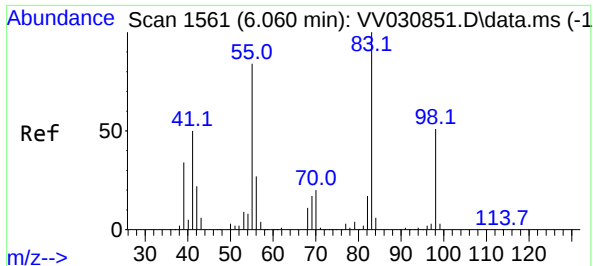
Tgt Ion:	97	Resp:	19467
Ion	Ratio	Lower	Upper
97	100		
99	66.7	51.4	77.0
61	49.1	37.0	55.6



#31
Carbon tetrachloride
Concen: 1.026 ug/L
RT: 4.526 min Scan# 1084
Delta R.T. -0.219 min
Lab File: VV030856.D
Acq: 25 Apr 2023 23:31

Tgt Ion:	117	Resp:	2764
Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.9	113.9





#35

Methylcyclohexane

Concen: 7.515 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.064 min

Lab File: VV030856.D

Acq: 25 Apr 2023 23:31

Instrument :

MSVOA_V

ClientSampleId :

C0AS6

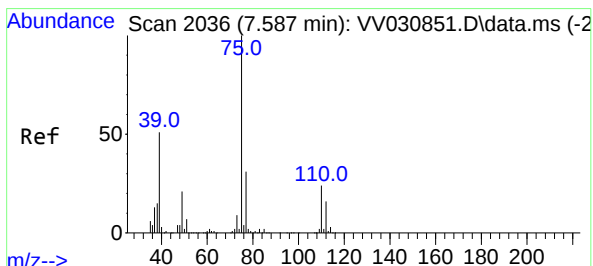
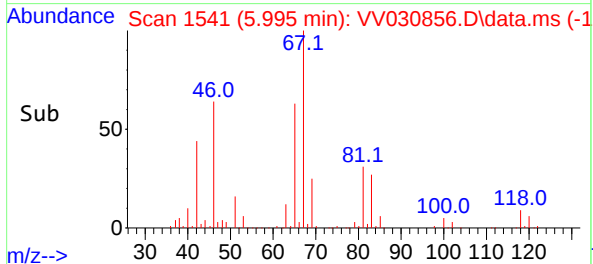
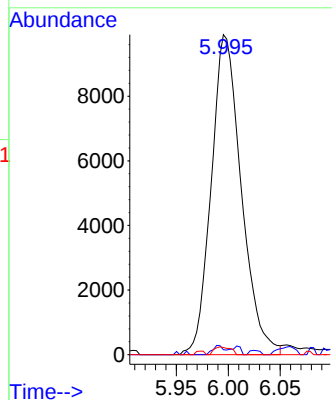
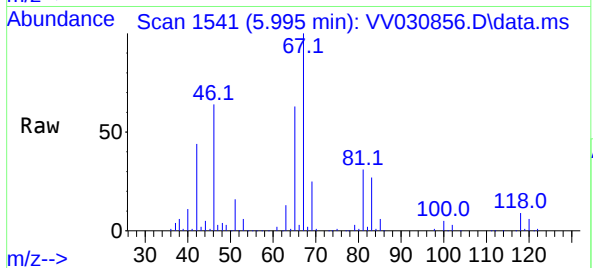
Tgt Ion: 83 Resp: 19941

Ion Ratio Lower Upper

83 100

55 1.1 65.5 98.3#

98 1.3 38.7 58.1#



#44

trans-1,3-Dichloropropene

Concen: 0.863 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV030856.D

Acq: 25 Apr 2023 23:31

Tgt Ion: 75 Resp: 2230

Ion Ratio Lower Upper

75 100

77 52.9 22.1 41.1#

