

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
 Data File : VV035424.D
 Acq On : 26 Apr 2024 13:59
 Operator : SY/MD
 Sample : P2280-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 00:34:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:18:54 2024
 Response via : Initial Calibration

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

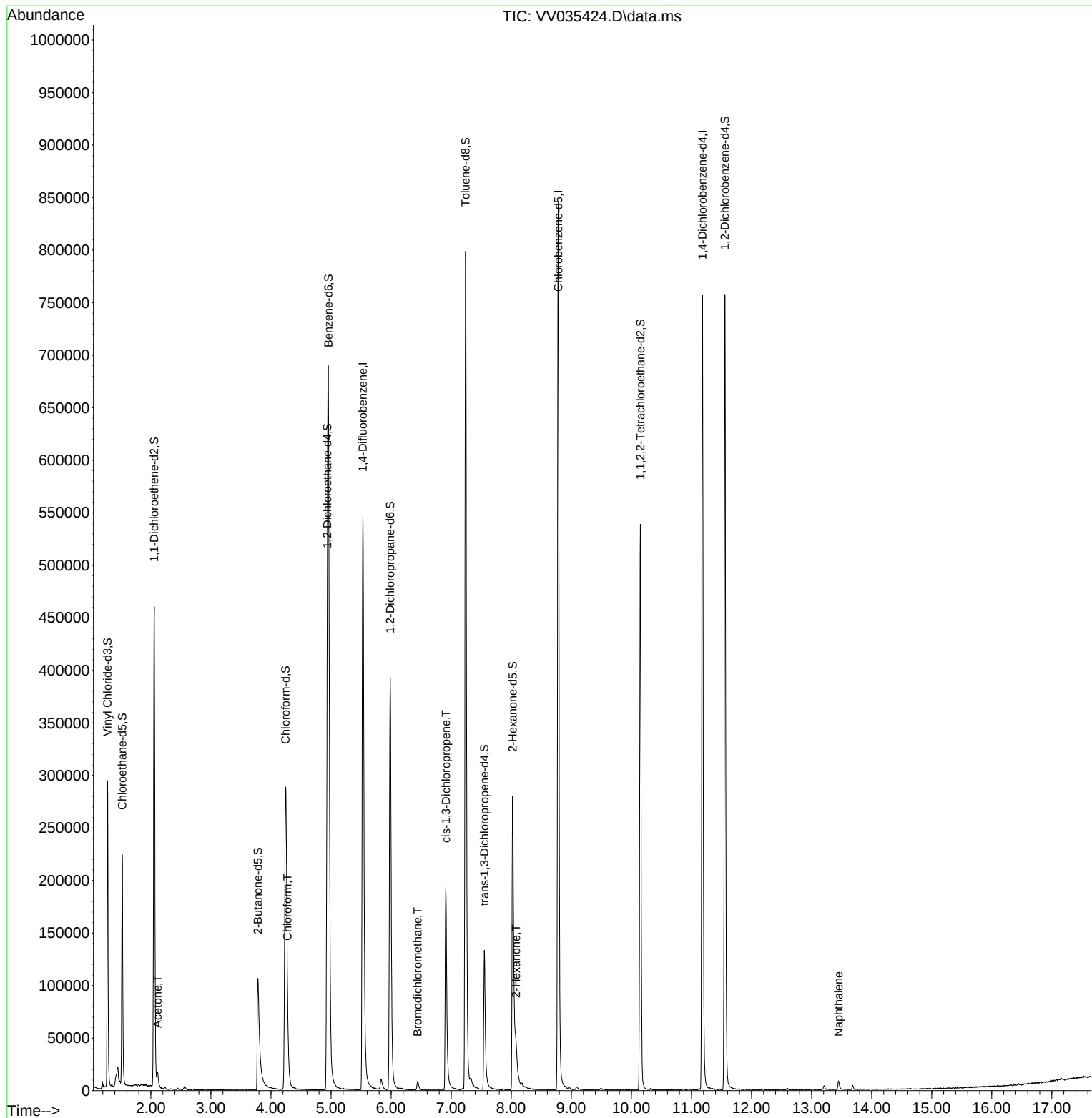
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	503980	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	490829	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	211626	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	192366	47.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.980%
7) Chloroethane-d5	1.523	69	150190	64.721	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	129.440%
11) 1,1-Dichloroethene-d2	2.056	65	79214	47.852	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.700%
21) 2-Butanone-d5	3.780	46	176663	85.105	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.110%
24) Chloroform-d	4.243	84	317082	46.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.040%
26) 1,2-Dichloroethane-d4	4.937	65	194485	48.993	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.980%
32) Benzene-d6	4.957	84	653262	50.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.300%
36) 1,2-Dichloropropane-d6	5.985	67	205808	51.715	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.440%
41) Toluene-d8	7.239	98	559842	48.155	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.300%
43) trans-1,3-Dichloroprop...	7.551	79	86873	46.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.320%
47) 2-Hexanone-d5	8.024	63	94123	82.041	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.040%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	265343	46.780	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.560%
66) 1,2-Dichlorobenzene-d4	11.558	152	205687	55.553	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.100%
Target Compounds						
					Qvalue	
13) Acetone	2.111	43	11521	4.671	ug/L	98
25) Chloroform	4.275	83	32042	4.678	ug/L	95
38) Bromodichloromethane	6.442	83	6605	1.334	ug/L #	95
39) cis-1,3-Dichloropropene	6.911	75	4785	0.882	ug/L #	57
48) 2-Hexanone	8.082	43	27725	7.448	ug/L #	87
71) Naphthalene	13.448	128	8056	1.044	ug/L #	95

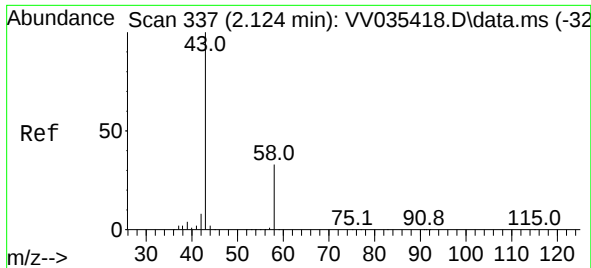
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:18:54 2024
Response via : Initial Calibration





#13

Acetone

Concen: 4.671 ug/L

RT: 2.111 min Scan# 30

Delta R.T. -0.013 min

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Instrument :

MSVOA_V

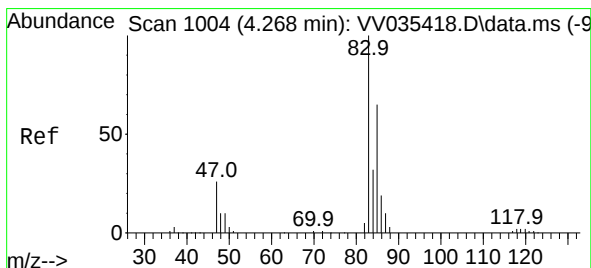
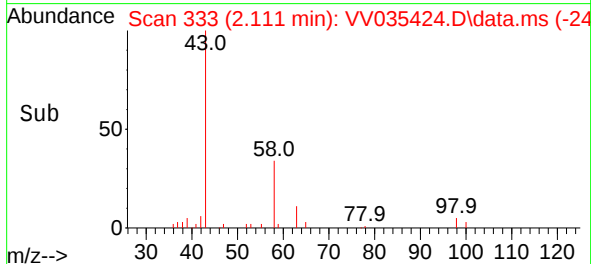
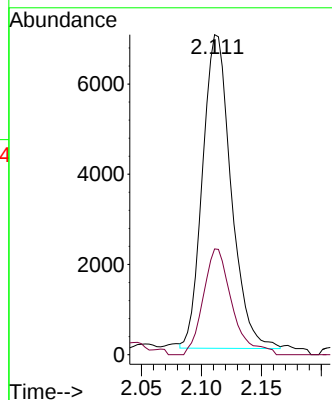
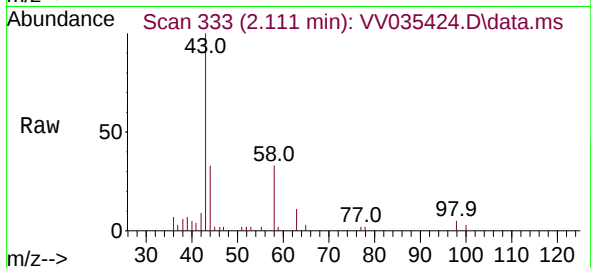
ClientSampleId :

Tgt Ion: 43 Resp: 11521

Ion Ratio Lower Upper

43 100

58 33.8 0.0 65.8



#25

Chloroform

Concen: 4.678 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.006 min

Lab File: VV035424.D

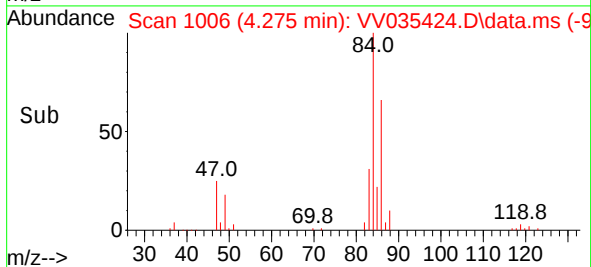
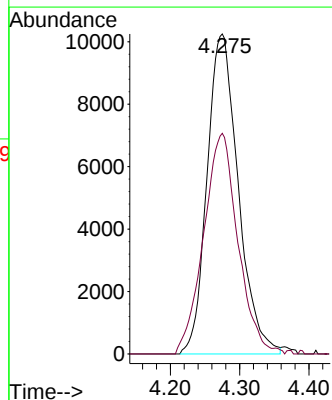
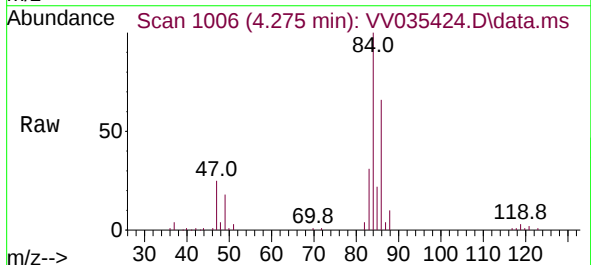
Acq: 26 Apr 2024 13:59

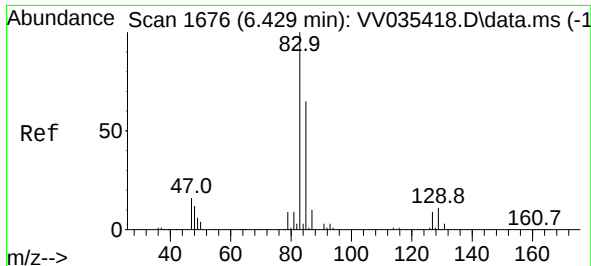
Tgt Ion: 83 Resp: 32042

Ion Ratio Lower Upper

83 100

85 69.0 45.6 84.6





#38

Bromodichloromethane

Concen: 1.334 ug/L

RT: 6.442 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV035424.D

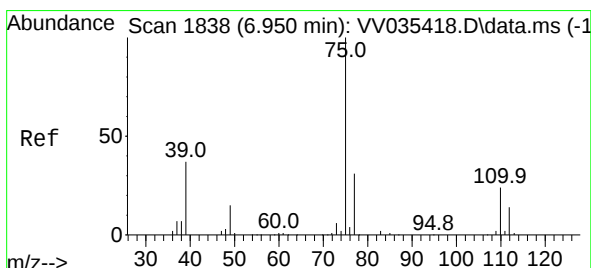
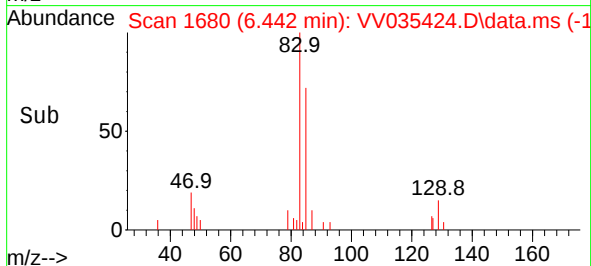
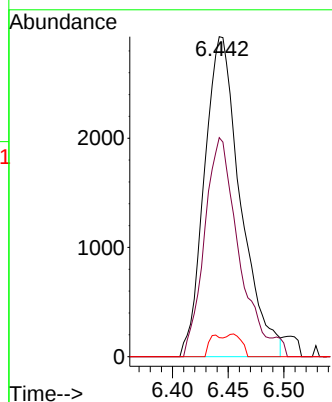
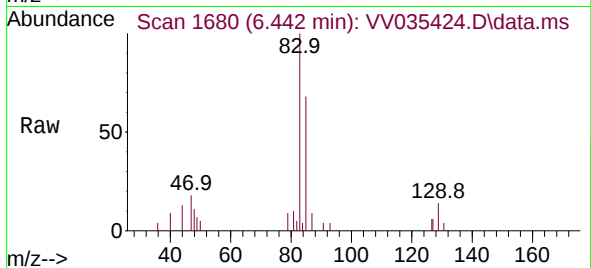
Acq: 26 Apr 2024 13:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 6605
Ion Ratio	Lower Upper
83 100	
85 68.4	45.1 83.9
127 5.9	7.0 10.4#



#39

cis-1,3-Dichloropropene

Concen: 0.882 ug/L

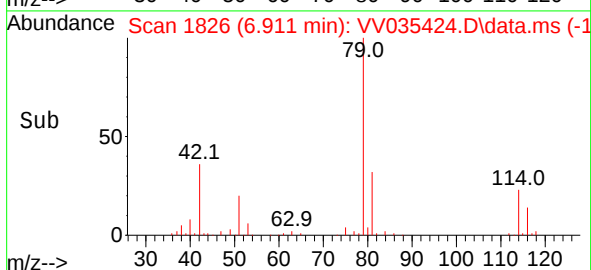
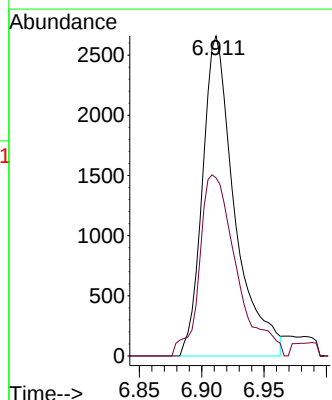
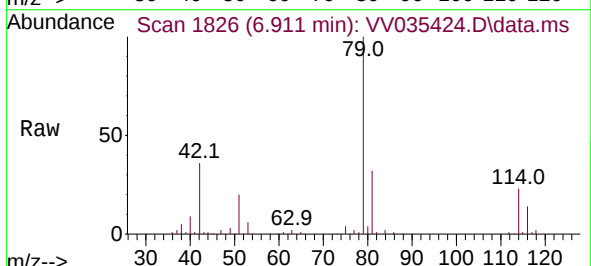
RT: 6.911 min Scan# 1826

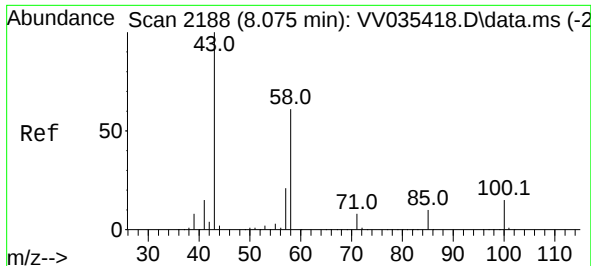
Delta R.T. -0.039 min

Lab File: VV035424.D

Acq: 26 Apr 2024 13:59

Tgt Ion: 75	Resp: 4785
Ion Ratio	Lower Upper
75 100	
77 55.7	22.3 41.3#





#48

2-Hexanone

Concen: 7.448 ug/L

RT: 8.082 min Scan# 2188

Delta R.T. 0.006 min

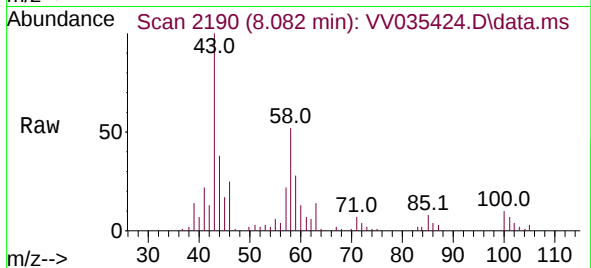
Lab File: VV035424.D

Acq: 26 Apr 2024 13:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 27725

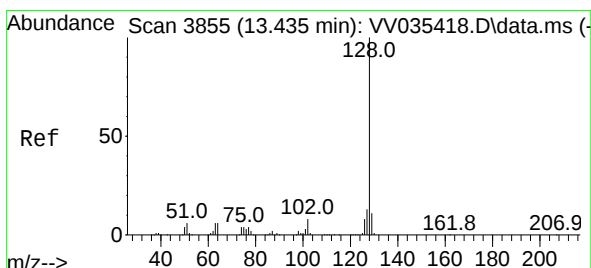
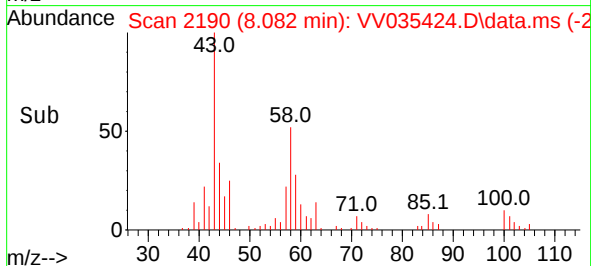
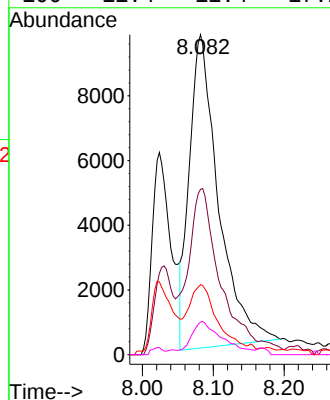
Ion Ratio Lower Upper

43 100

58 46.9 49.4 74.0#

57 21.0 17.1 25.7

100 11.4 11.4 17.2#



#71

Naphthalene

Concen: 1.044 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.013 min

Lab File: VV035424.D

Acq: 26 Apr 2024 13:59

Tgt Ion: 128 Resp: 8056

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 6.8 8.6 12.8#

