

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042424\
 Data File : VV035383.D
 Acq On : 24 Apr 2024 13:38
 Operator : SY/MD
 Sample : P2235-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 25 01:59:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:57:41 2024
 Response via : Initial Calibration

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

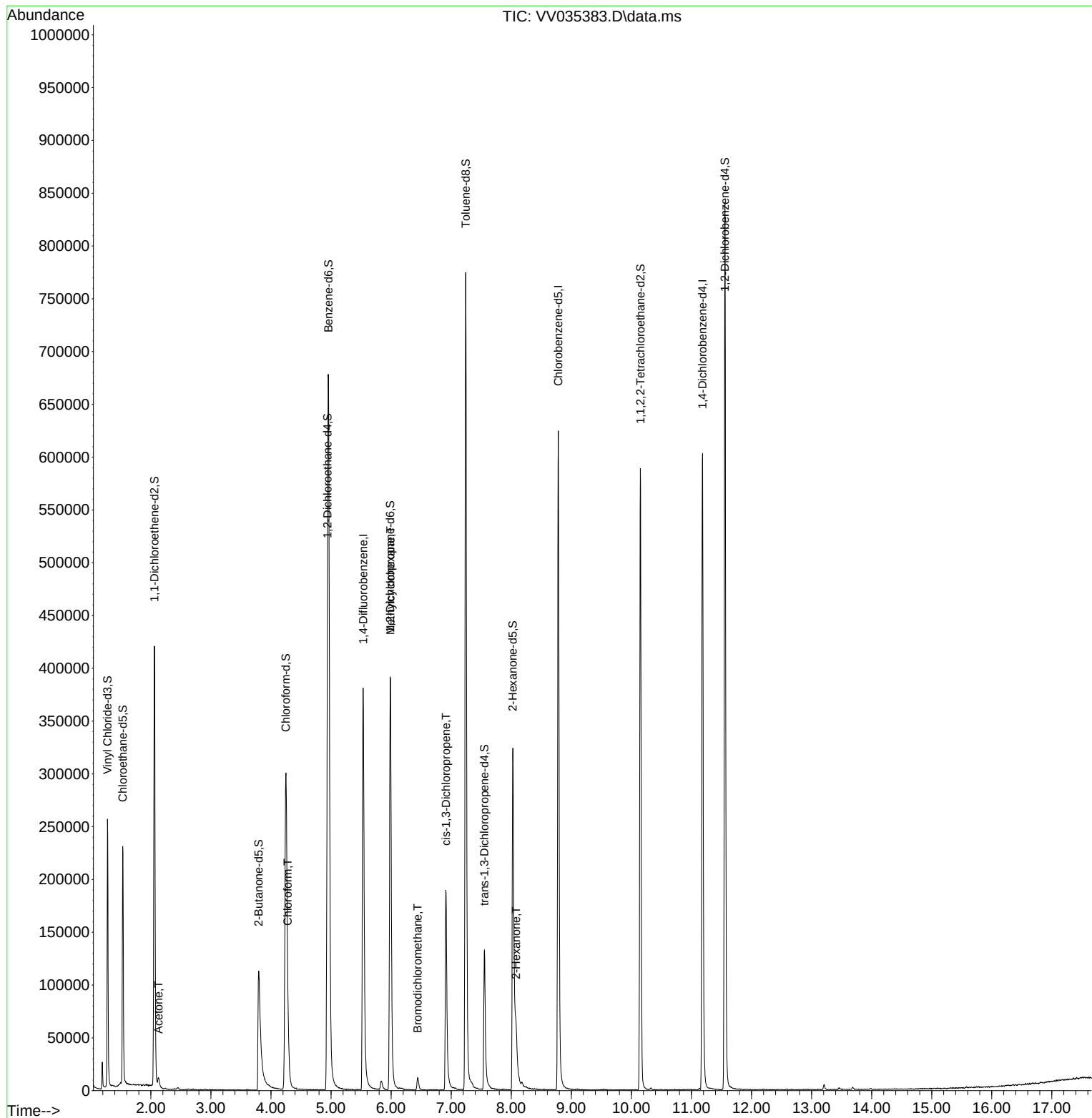
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	350341	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	357153	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	168399	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	167358	49.464	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.920%
7) Chloroethane-d5	1.532	69	144058	49.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.040%
11) 1,1-Dichloroethene-d2	2.059	65	74059	49.934	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.860%
21) 2-Butanone-d5	3.796	46	208031	103.671	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.670%
24) Chloroform-d	4.246	84	318848	56.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.100%
26) 1,2-Dichloroethane-d4	4.940	65	199086	55.123	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.240%
32) Benzene-d6	4.956	84	622848	51.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.840%
36) 1,2-Dichloropropane-d6	5.985	67	203247	53.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.700%
41) Toluene-d8	7.243	98	531964	49.236	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.480%
43) trans-1,3-Dichloroprop...	7.554	79	84737	45.754	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.500%
47) 2-Hexanone-d5	8.024	63	111870	77.669	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.670%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	287932	54.885	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.760%
66) 1,2-Dichlorobenzene-d4	11.557	152	217933	57.640	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.280%
Target Compounds						Qvalue
13) Acetone	2.127	43	9183	4.985	ug/L	96
25) Chloroform	4.278	83	51138	9.922	ug/L	99
35) Methylcyclohexane	5.989	83	47580	10.024	ug/L #	20
38) Bromodichloromethane	6.442	83	9372	2.257	ug/L	98
39) cis-1,3-Dichloropropene	6.911	75	4935	0.973	ug/L #	65
48) 2-Hexanone	8.082	43	30381	8.693	ug/L	96

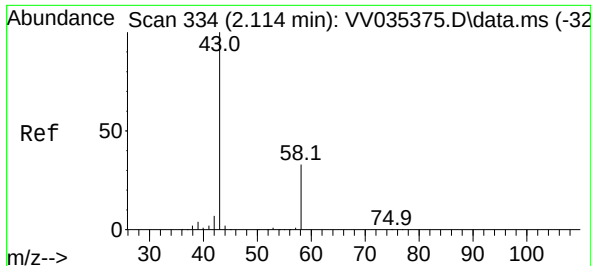
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.985 ug/L

RT: 2.127 min Scan# 34

Delta R.T. 0.013 min

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MSVOA_V

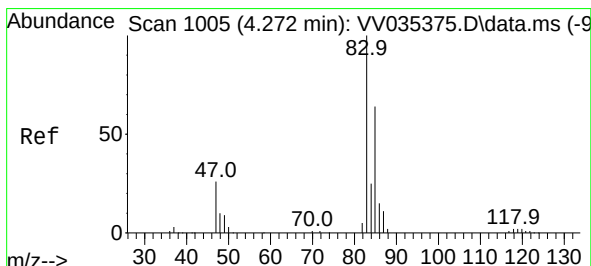
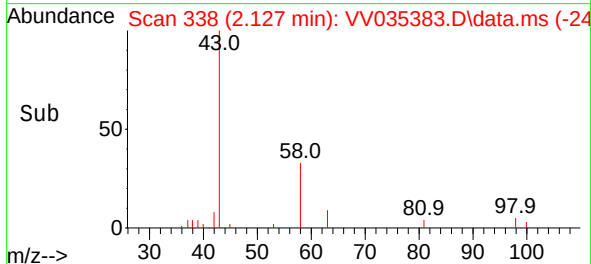
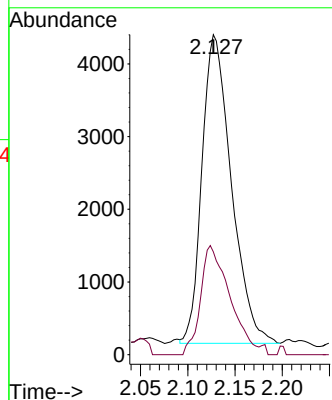
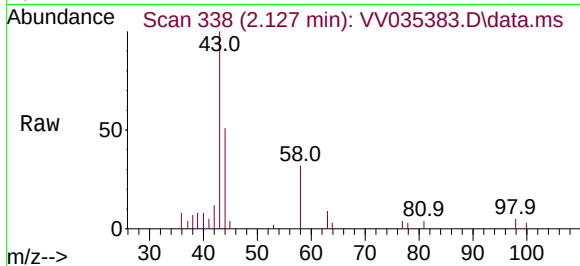
ClientSampleId :

Tgt Ion: 43 Resp: 9183

Ion Ratio Lower Upper

43 100

58 35.1 0.0 66.0



#25

Chloroform

Concen: 9.922 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VV035383.D

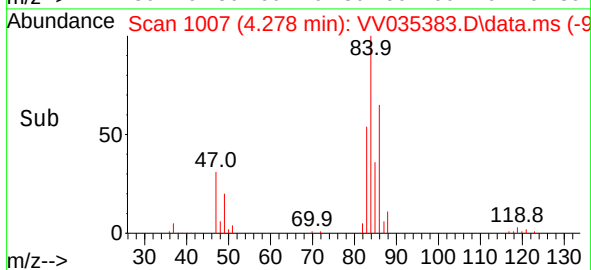
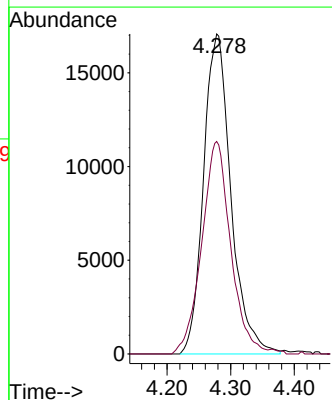
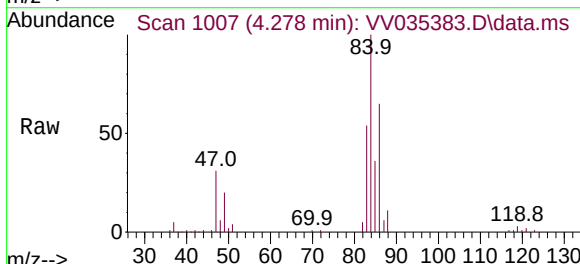
Acq: 24 Apr 2024 13:38

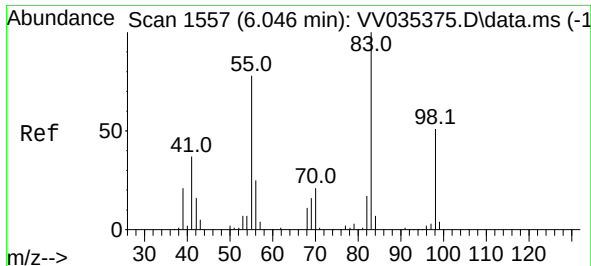
Tgt Ion: 83 Resp: 51138

Ion Ratio Lower Upper

83 100

85 66.4 46.0 85.4





#35

Methylcyclohexane

Concen: 10.024 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.058 min

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ClientSampleId :

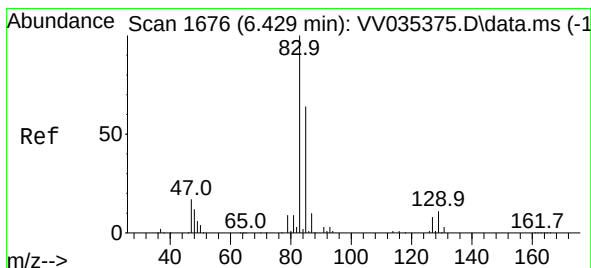
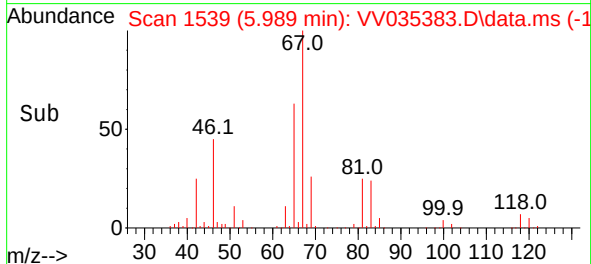
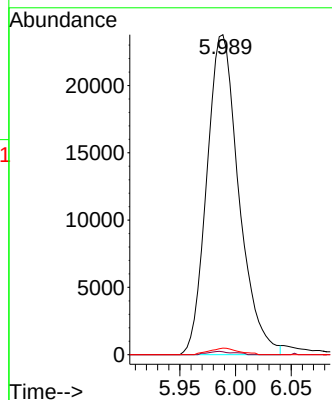
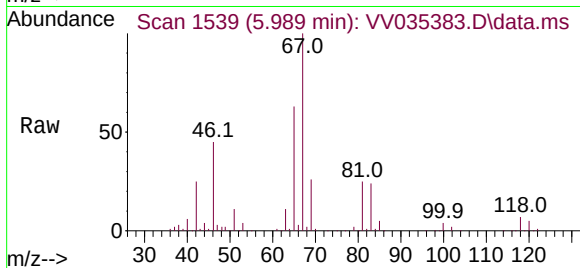
Tgt Ion: 83 Resp: 47580

Ion Ratio Lower Upper

83 100

55 0.6 60.0 90.0#

98 1.9 37.6 56.4#



#38

Bromodichloromethane

Concen: 2.257 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.013 min

Lab File: VV035383.D

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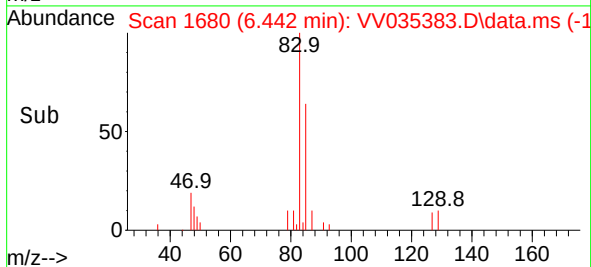
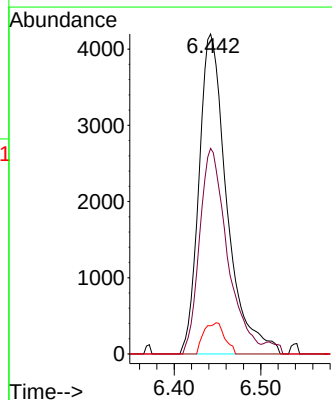
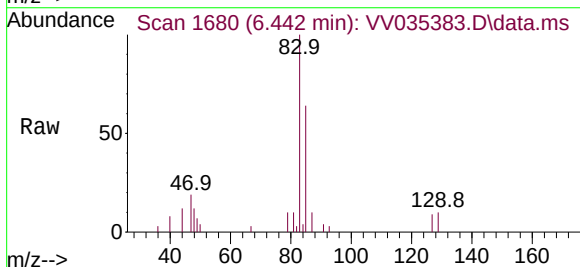
Tgt Ion: 83 Resp: 9372

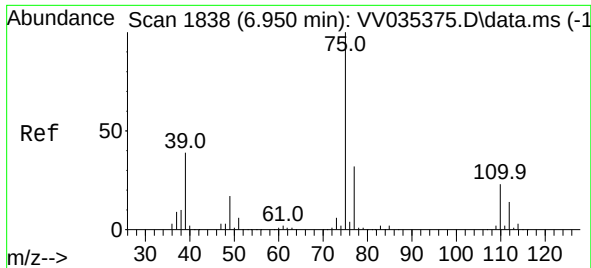
Ion Ratio Lower Upper

83 100

85 64.3 43.7 81.1

127 8.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 0.973 ug/L

RT: 6.911 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV035383.D

Acq: 24 Apr 2024 13:38

Instrument :

MSVOA_V

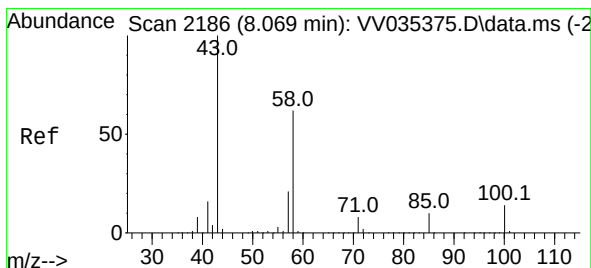
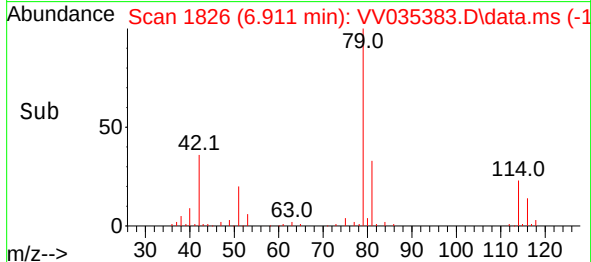
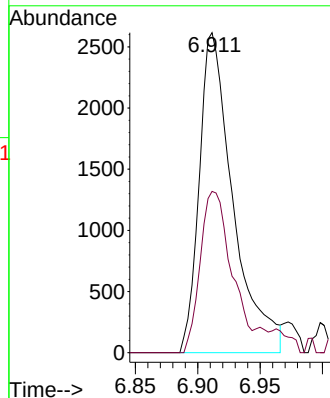
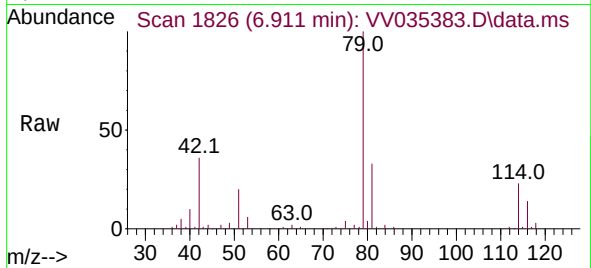
ClientSampleId :

Tgt Ion: 75 Resp: 4935

Ion Ratio Lower Upper

75 100

77 50.4 21.9 40.7#



#48

2-Hexanone

Concen: 8.693 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. 0.013 min

Lab File: VV035383.D

Acq: 24 Apr 2024 13:38

Tgt Ion: 43 Resp: 30381

Ion Ratio Lower Upper

43 100

58 59.6 45.4 68.2

57 24.0 16.2 24.4

100 11.9 10.1 15.1

