

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040424\
 Data File : VV034973.D
 Acq On : 04 Apr 2024 13:10
 Operator : SY/MD
 Sample : P1988-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 21:35:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 21:33:57 2024
 Response via : Initial Calibration

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

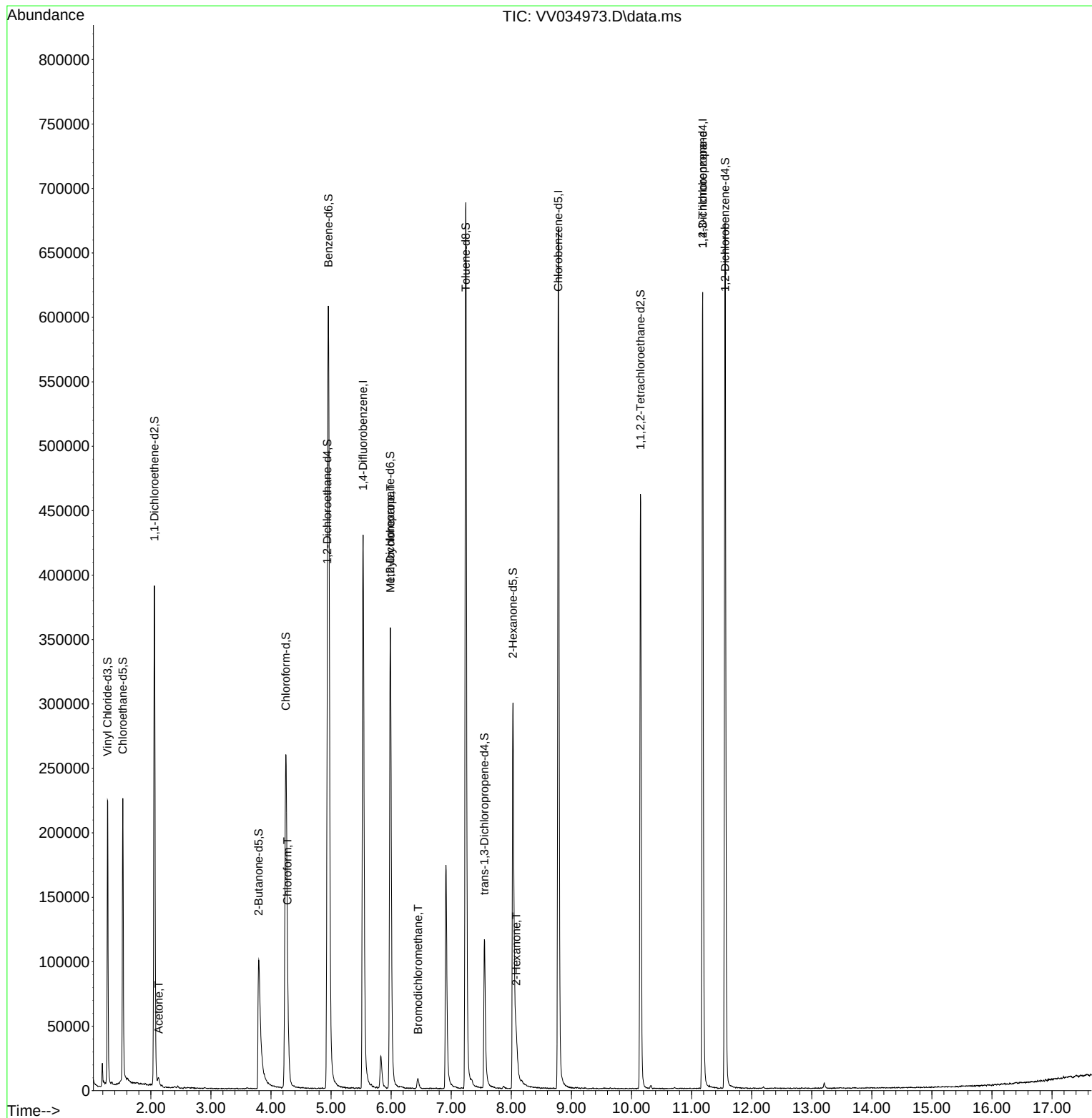
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	372585	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	369277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	158826	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	143632	39.917	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.840%
7) Chloroethane-d5	1.532	69	138655	44.365	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.740%
11) 1,1-Dichloroethene-d2	2.060	65	67485	42.785	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.580%
21) 2-Butanone-d5	3.796	46	186707	87.490	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.490%
24) Chloroform-d	4.246	84	270714	44.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.500%
26) 1,2-Dichloroethane-d4	4.937	65	176715	46.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.020%
32) Benzene-d6	4.957	84	546601	44.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.140%
36) 1,2-Dichloropropane-d6	5.986	67	179998	45.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.400%
41) Toluene-d8	7.243	98	473865	42.419	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.840%
43) trans-1,3-Dichloroprop...	7.551	79	74425	38.866	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.740%
47) 2-Hexanone-d5	8.027	63	104452	70.138	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.140%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	223955	41.288	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.580%
66) 1,2-Dichlorobenzene-d4	11.558	152	171703	48.150	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.300%
Target Compounds						
					Qvalue	
13) Acetone	2.130	43	7549	3.853	ug/L	94
25) Chloroform	4.275	83	36622	6.681	ug/L	97
35) Methylcyclohexane	5.989	83	41141	8.383	ug/L #	20
38) Bromodichloromethane	6.445	83	6371	1.484	ug/L #	98
48) 2-Hexanone	8.082	43	21527	5.957	ug/L #	92
61) 1,2,3-Trichloropropane	11.185	75	19443	5.649	ug/L #	66

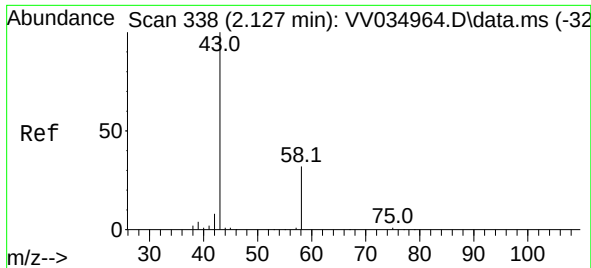
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 21:33:57 2024
Response via : Initial Calibration





#13

Acetone

Concen: 3.853 ug/L

RT: 2.130 min Scan# 338

Delta R.T. 0.003 min

Lab File: VV034973.D

Acq: 04 Apr 2024 13:10

Instrument :

MSVOA_V

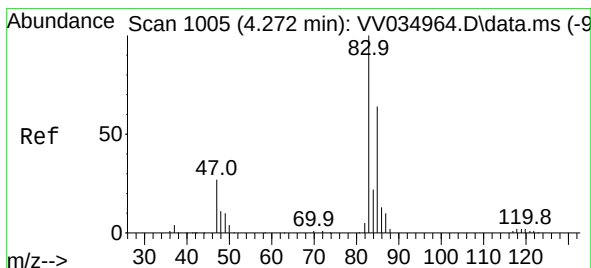
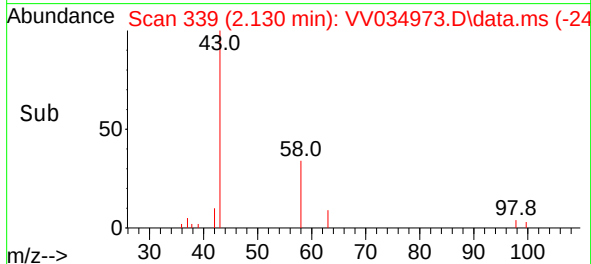
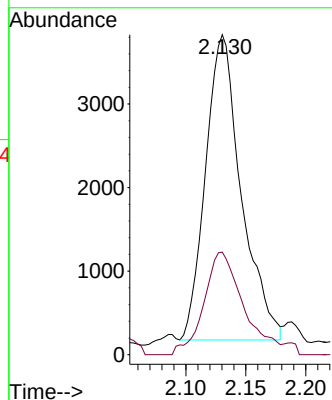
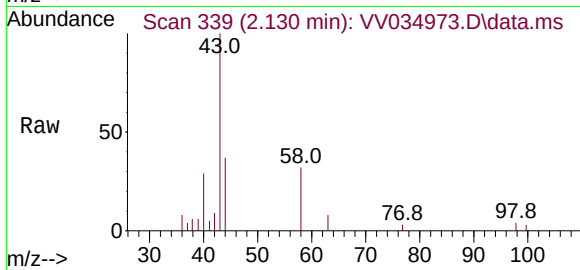
ClientSampleId :

Tgt Ion: 43 Resp: 7549

Ion Ratio Lower Upper

43 100

58 36.2 0.0 66.0



#25

Chloroform

Concen: 6.681 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV034973.D

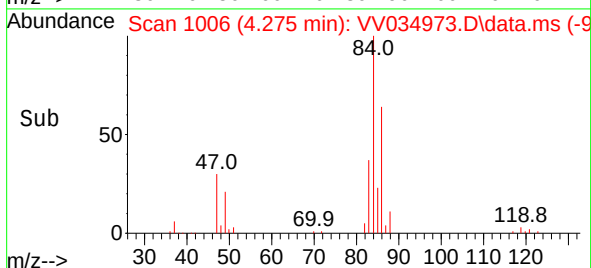
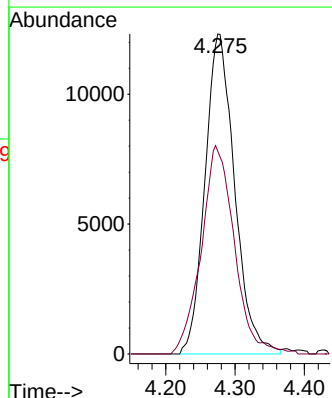
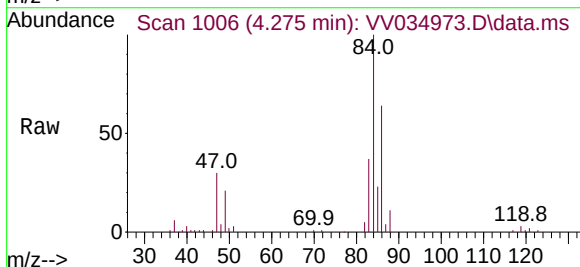
Acq: 04 Apr 2024 13:10

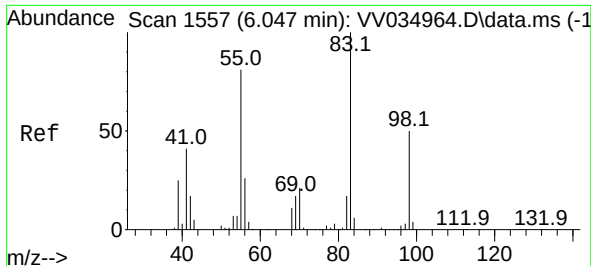
Tgt Ion: 83 Resp: 36622

Ion Ratio Lower Upper

83 100

85 63.4 46.0 85.4





#35

Methylcyclohexane

Concen: 8.383 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV034973.D

Acq: 04 Apr 2024 13:10

Instrument :

MSVOA_V

ClientSampleId :

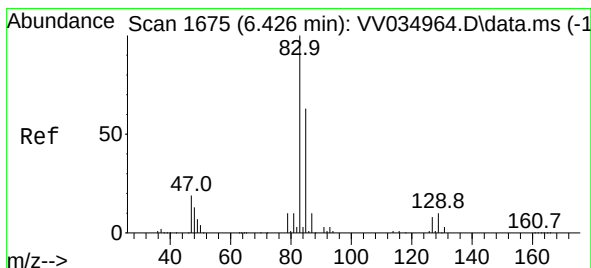
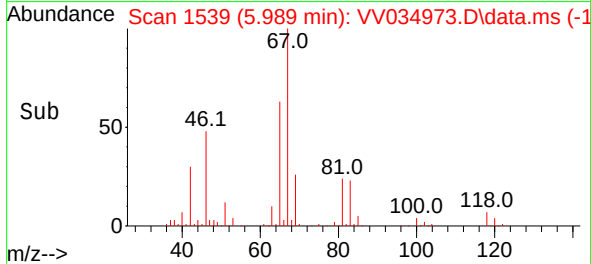
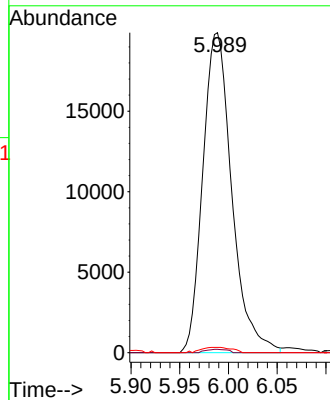
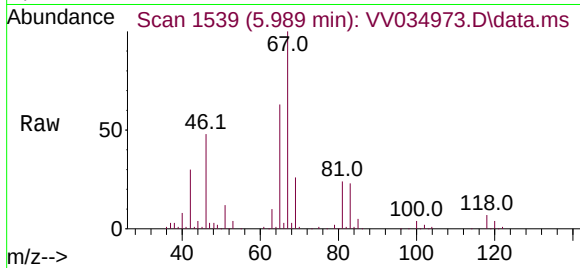
Tgt Ion: 83 Resp: 41141

Ion Ratio Lower Upper

83 100

55 0.8 60.0 90.0#

98 1.7 37.6 56.4#



#38

Bromodichloromethane

Concen: 1.484 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.019 min

Lab File: VV034973.D

Acq: 04 Apr 2024 13:10

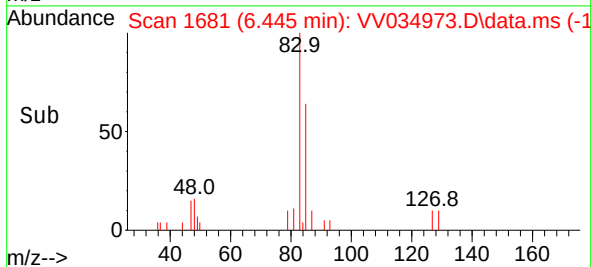
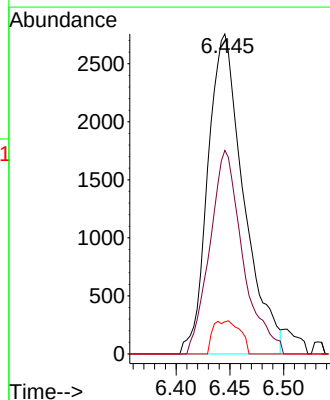
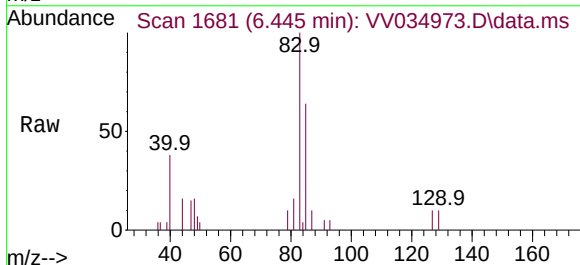
Tgt Ion: 83 Resp: 6371

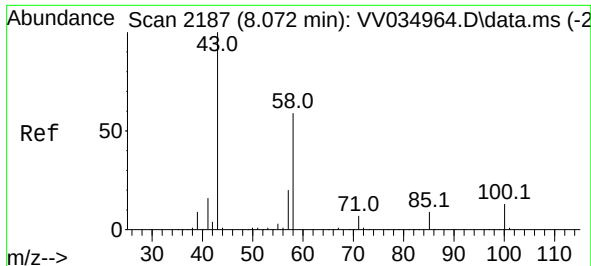
Ion Ratio Lower Upper

83 100

85 63.6 43.7 81.1

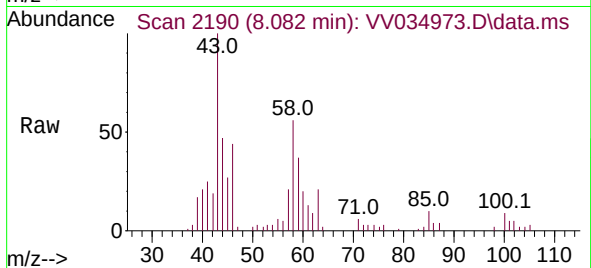
127 10.0 6.4 9.6#



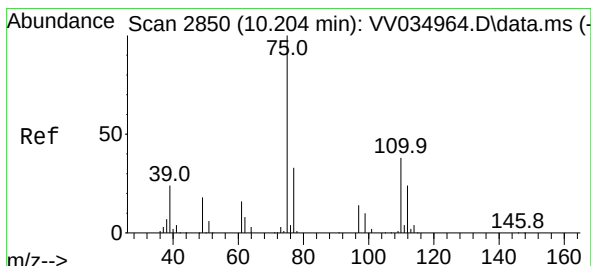
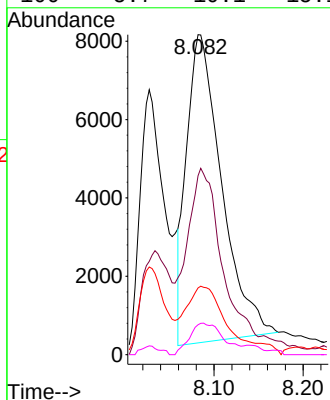
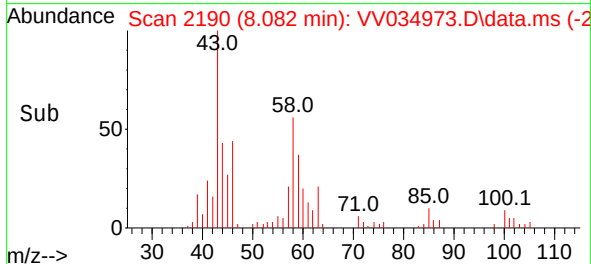


#48
2-Hexanone
Concen: 5.957 ug/L
RT: 8.082 min Scan# 21527
Delta R.T. 0.010 min
Lab File: VV034973.D
Acq: 04 Apr 2024 13:10

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 21527
Ion Ratio Lower Upper
43 100
58 51.2 45.4 68.2
57 19.4 16.2 24.4
100 5.7 10.1 15.1#



#61
1,2,3-Trichloropropane
Concen: 5.649 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.981 min
Lab File: VV034973.D
Acq: 04 Apr 2024 13:10

Tgt Ion: 75 Resp: 19443
Ion Ratio Lower Upper
75 100
77 35.9 26.0 39.0
110 2.8 30.5 45.7#

