

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033383.D
 Acq On : 15 Dec 2023 17:37
 Operator : SY/MD
 Sample : 05846-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:14:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 23:24:47 2023
 Response via : Initial Calibration

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

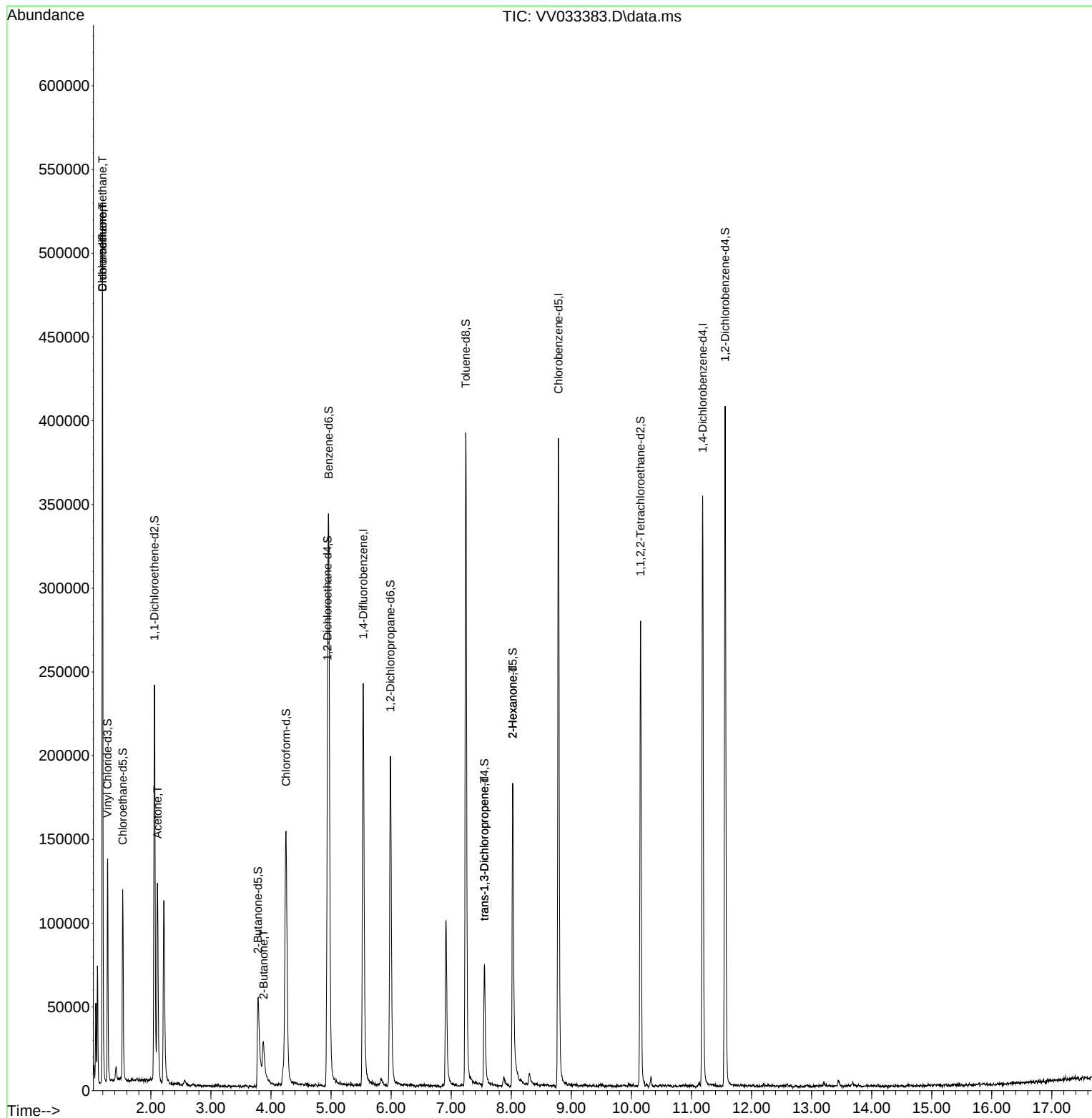
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	211036	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	211462	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	90063	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	82389	50.696	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.400%
7) Chloroethane-d5	1.532	69	72677	49.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.660%
11) 1,1-Dichloroethene-d2	2.060	65	39699	49.072	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.140%
21) 2-Butanone-d5	3.783	46	87247	106.520	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.520%
24) Chloroform-d	4.249	84	158761	49.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.780%
26) 1,2-Dichloroethane-d4	4.941	65	103518	52.418	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.840%
32) Benzene-d6	4.960	84	301693	52.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.940%
36) 1,2-Dichloropropane-d6	5.989	67	91861	53.144	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.280%
41) Toluene-d8	7.243	98	256950	49.306	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.620%
43) trans-1,3-Dichloroprop...	7.555	79	41355	48.818	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.640%
47) 2-Hexanone-d5	8.024	63	59675	102.642	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.640%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	125234	50.409	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.820%
66) 1,2-Dichlorobenzene-d4	11.561	152	99898	59.026	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.195	85	38589	22.257	ug/L	98
3) Chloromethane	1.195	50	4995	3.129	ug/L #	54
13) Acetone	2.111	43	119083	125.251	ug/L	99
22) 2-Butanone	3.876	43	40709	43.460	ug/L	100
44) trans-1,3-Dichloropropene	7.555	75	2090	0.937	ug/L #	76
48) 2-Hexanone	8.024	43	8867	6.517	ug/L #	70

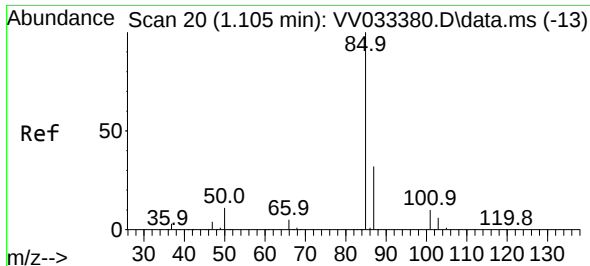
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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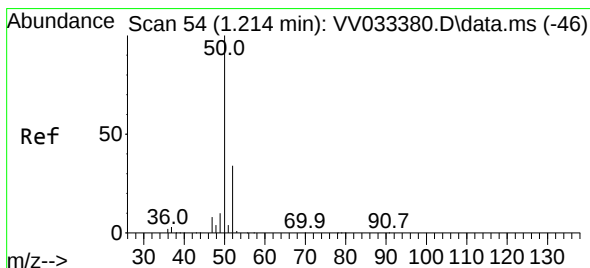
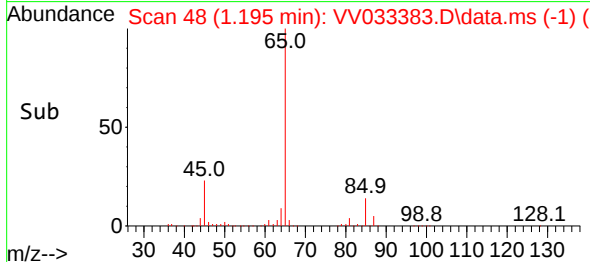
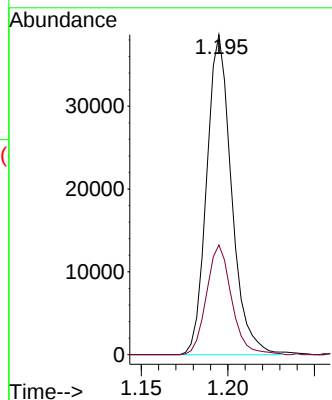
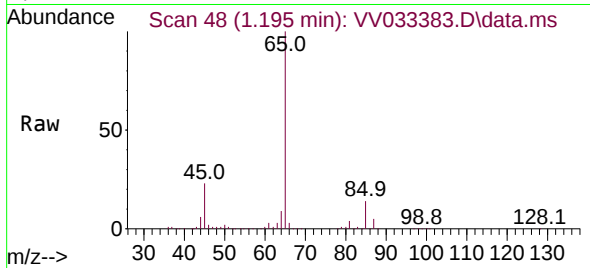




#2
Dichlorodifluoromethane
Concen: 22.257 ug/L
RT: 1.195 min Scan# 48
Delta R.T. 0.090 min
Lab File: VV033383.D
Acq: 15 Dec 2023 17:37

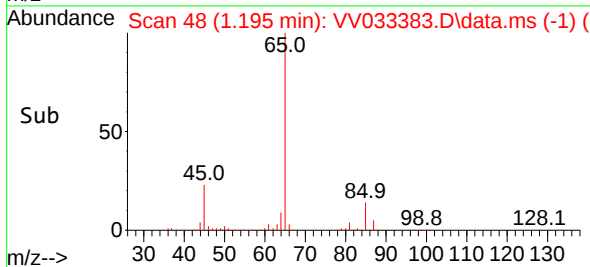
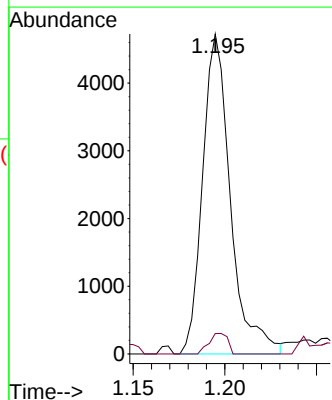
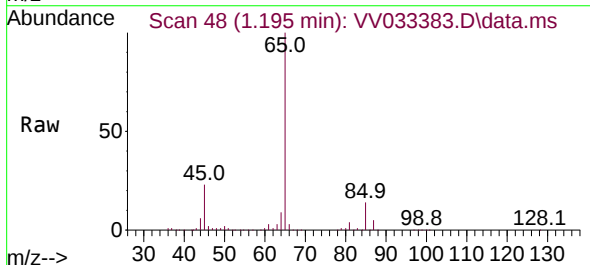
Instrument :
MSVOA_V
ClientSampleId :

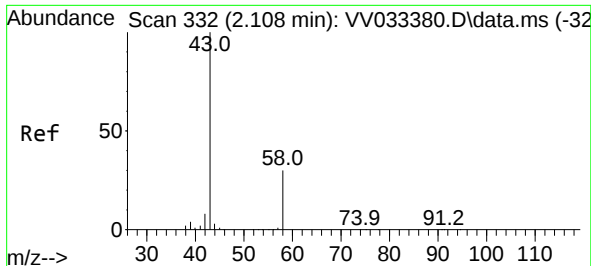
Tgt Ion: 85 Resp: 38589
Ion Ratio Lower Upper
85 100
87 34.5 26.6 39.8



#3
Chloromethane
Concen: 3.129 ug/L
RT: 1.195 min Scan# 48
Delta R.T. -0.019 min
Lab File: VV033383.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 50 Resp: 4995
Ion Ratio Lower Upper
50 100
52 6.4 22.3 41.5#





#13

Acetone

Concen: 125.251 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033383.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_V

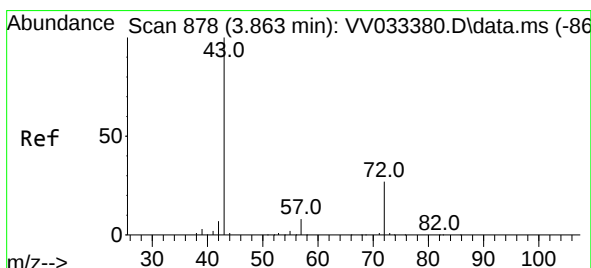
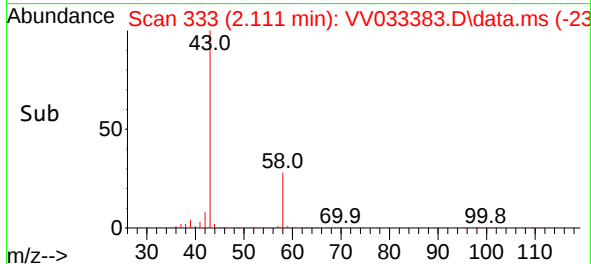
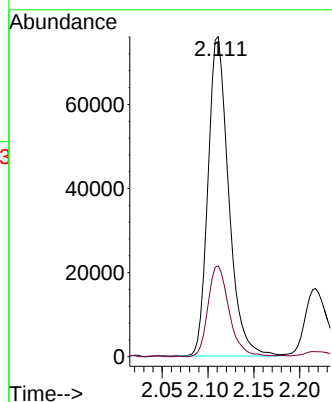
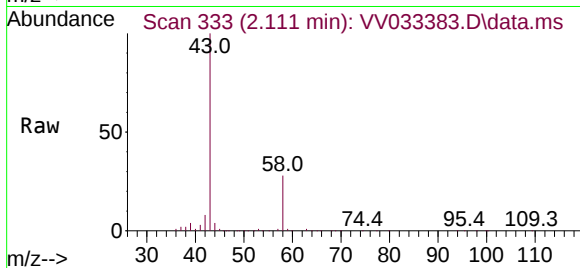
ClientSampleId :

Tgt Ion: 43 Resp: 119083

Ion Ratio Lower Upper

43 100

58 29.2 0.0 59.2



#22

2-Butanone

Concen: 43.460 ug/L

RT: 3.876 min Scan# 882

Delta R.T. 0.013 min

Lab File: VV033383.D

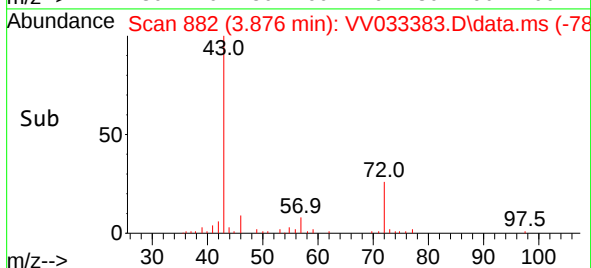
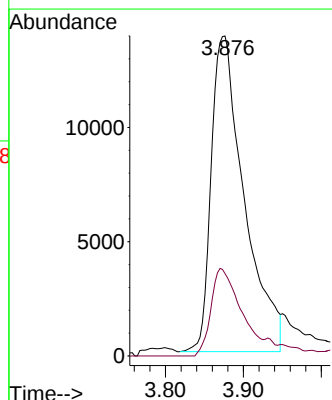
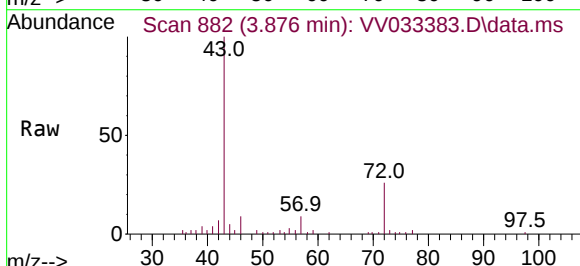
Acq: 15 Dec 2023 17:37

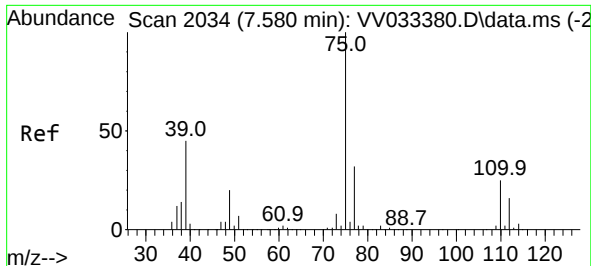
Tgt Ion: 43 Resp: 40709

Ion Ratio Lower Upper

43 100

72 25.0 12.4 37.4

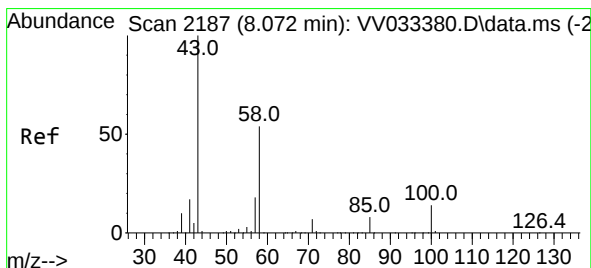
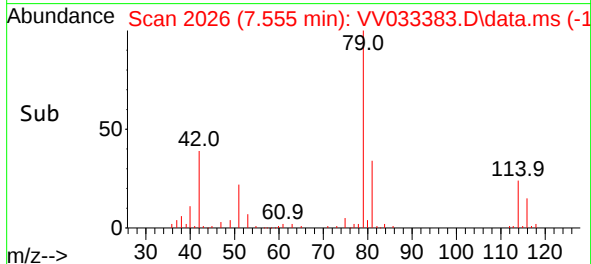
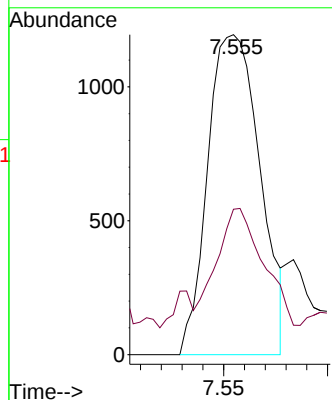
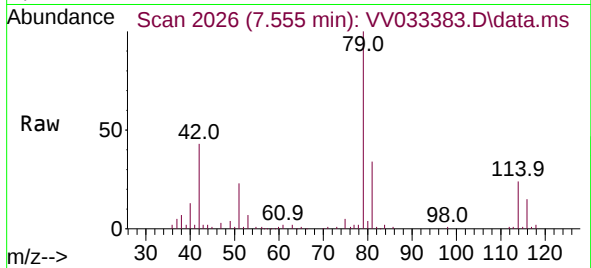




#44
trans-1,3-Dichloropropene
Concen: 0.937 ug/L
RT: 7.555 min Scan# 2034
Delta R.T. -0.026 min
Lab File: VV033383.D
Acq: 15 Dec 2023 17:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2090
Ion Ratio Lower Upper
75 100
77 45.4 22.4 41.6#



#48
2-Hexanone
Concen: 6.517 ug/L
RT: 8.024 min Scan# 2172
Delta R.T. -0.048 min
Lab File: VV033383.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 43 Resp: 8867
Ion Ratio Lower Upper
43 100
58 30.2 43.0 64.6#
57 29.8 14.7 22.1#
100 3.8 10.7 16.1#

