

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033431.D
 Acq On : 16 Dec 2023 13:43
 Operator : SY/MD
 Sample : 05846-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:27:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

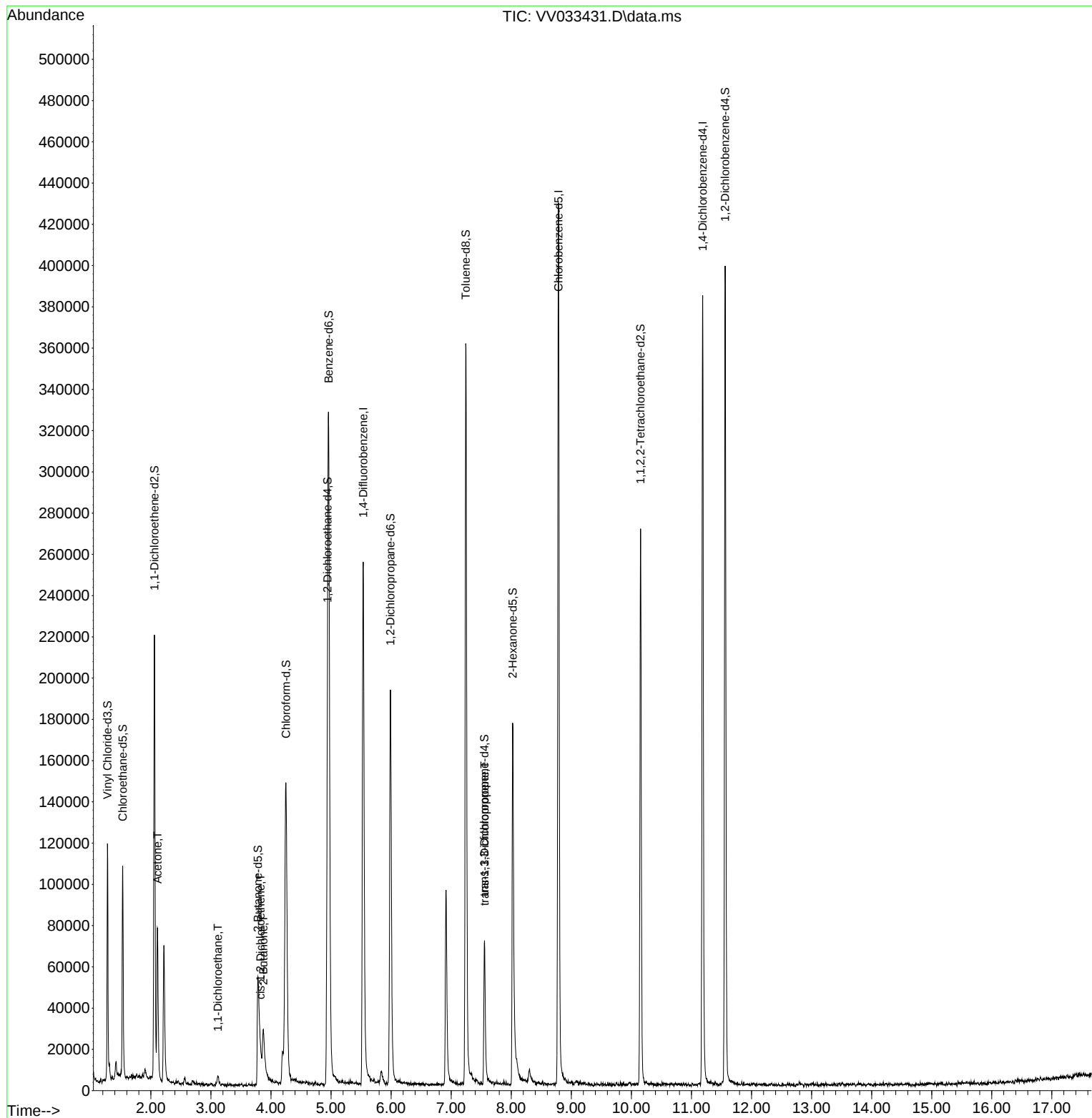
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	219826	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	231007	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	95924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	69981	41.339	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.680%
7) Chloroethane-d5	1.532	69	67632	44.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.040%
11) 1,1-Dichloroethene-d2	2.060	65	35669	42.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.660%
21) 2-Butanone-d5	3.783	46	88271	103.461	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.460%
24) Chloroform-d	4.249	84	155819	46.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
26) 1,2-Dichloroethane-d4	4.941	65	98718	47.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.980%
32) Benzene-d6	4.960	84	281204	45.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	5.989	67	88007	46.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.220%
41) Toluene-d8	7.243	98	236991	41.628	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.260%
43) trans-1,3-Dichloroprop...	7.555	79	39023	42.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.340%
47) 2-Hexanone-d5	8.024	63	56507	88.970	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.970%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	125851	46.371	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.740%
66) 1,2-Dichlorobenzene-d4	11.561	152	94545	52.450	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.900%
Target Compounds						
					Qvalue	
13) Acetone	2.111	43	72441	73.147	ug/L	100
19) 1,1-Dichloroethane	3.118	63	3155	1.124	ug/L	97
20) cis-1,2-Dichloroethene	3.825	96	2266	1.365	ug/L	80
22) 2-Butanone	3.873	43	40896	41.914	ug/L	94
44) trans-1,3-Dichloropropene	7.558	75	1901	0.780	ug/L	83

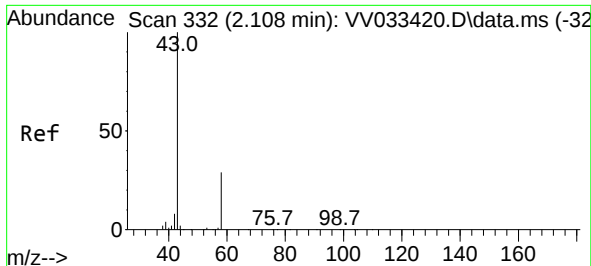
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 73.147 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033431.D

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Instrument :

MSVOA_V

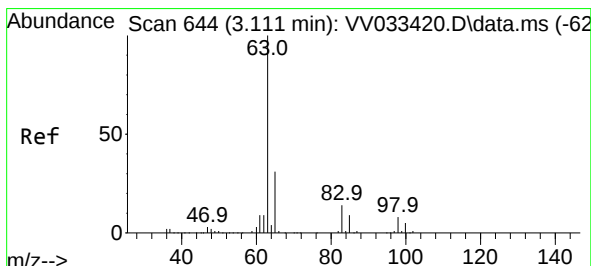
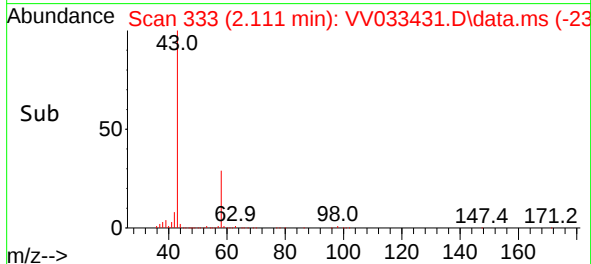
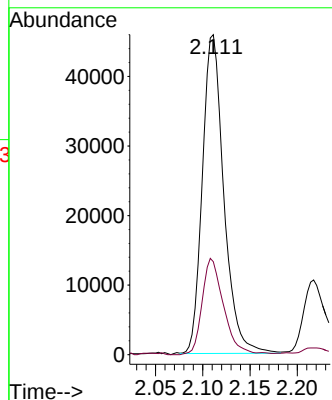
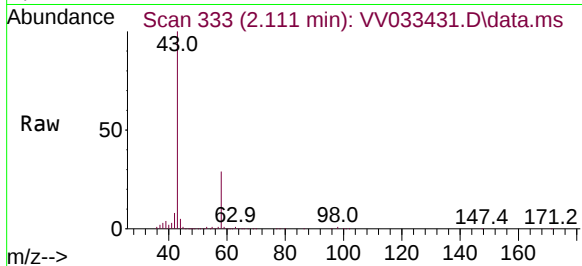
ClientSampleId :

Tgt Ion: 43 Resp: 72441

Ion Ratio Lower Upper

43 100

58 29.9 0.0 59.2



#19

1,1-Dichloroethane

Concen: 1.124 ug/L

RT: 3.118 min Scan# 646

Delta R.T. 0.007 min

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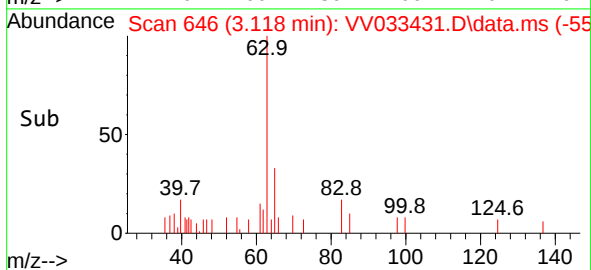
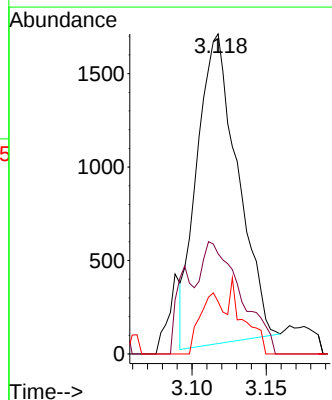
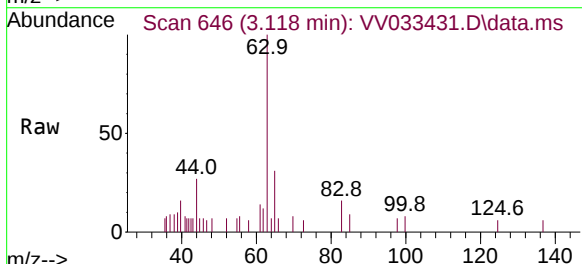
Tgt Ion: 63 Resp: 3155

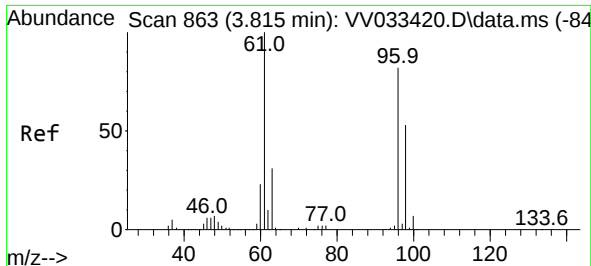
Ion Ratio Lower Upper

63 100

65 31.3 21.1 39.3

83 16.3 9.7 17.9

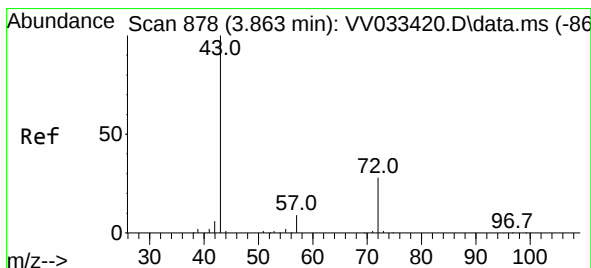
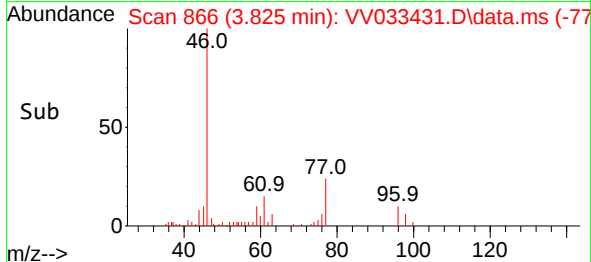
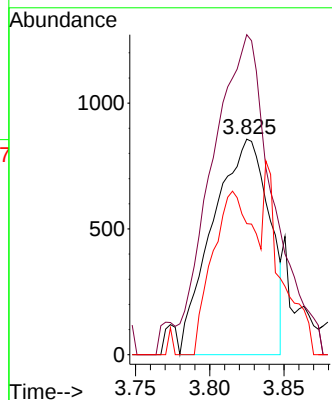
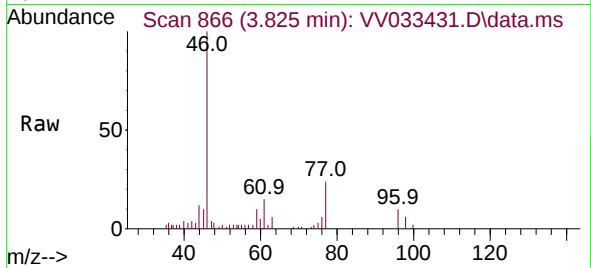




#20
cis-1,2-Dichloroethene
Concen: 1.365 ug/L
RT: 3.825 min Scan# 80
Delta R.T. 0.010 min
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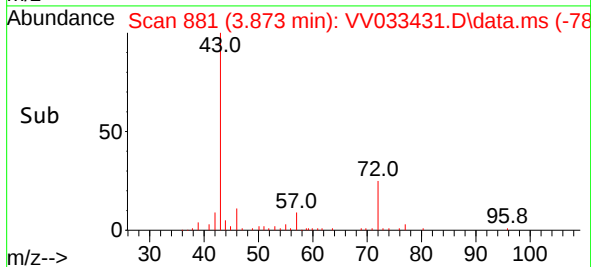
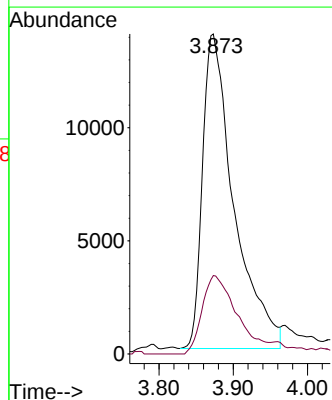
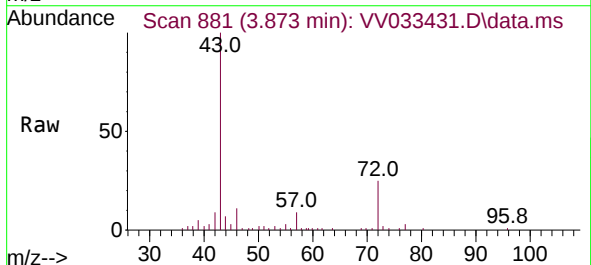
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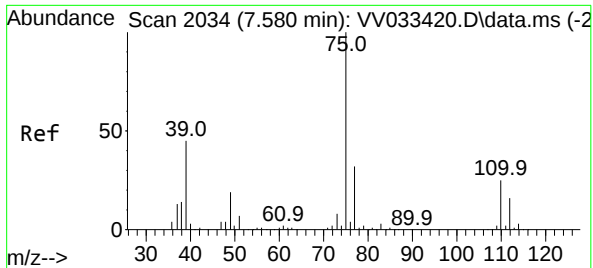
Tgt Ion: 96 Resp: 2266
Ion Ratio Lower Upper
96 100
61 148.4 81.9 152.1
98 60.8 44.3 82.3



#22
2-Butanone
Concen: 41.914 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.010 min
Lab File: VV033431.D
Acq: 16 Dec 2023 13:43

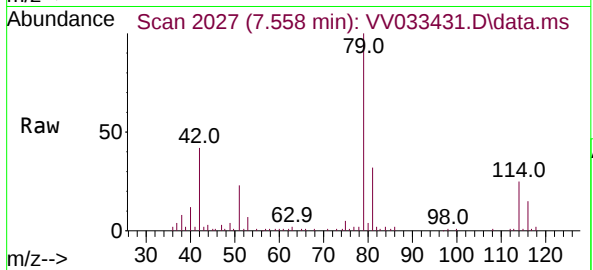
Tgt Ion: 43 Resp: 40896
Ion Ratio Lower Upper
43 100
72 27.8 12.4 37.4





#44
 trans-1,3-Dichloropropene
 Concen: 0.780 ug/L
 RT: 7.558 min Scan# 20
 Delta R.T. -0.022 min
 Lab File: VV033431.D
 Acq: 16 Dec 2023 13:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 1901
 Ion Ratio Lower Upper
 75 100
 77 41.4 22.4 41.6

