

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122123\
 Data File : VW033535.D
 Acq On : 21 Dec 2023 15:24
 Operator : SY/MD
 Sample : 05891-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCLT0

Quant Time: Dec 22 01:48:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 01:45:30 2023
 Response via : Initial Calibration

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

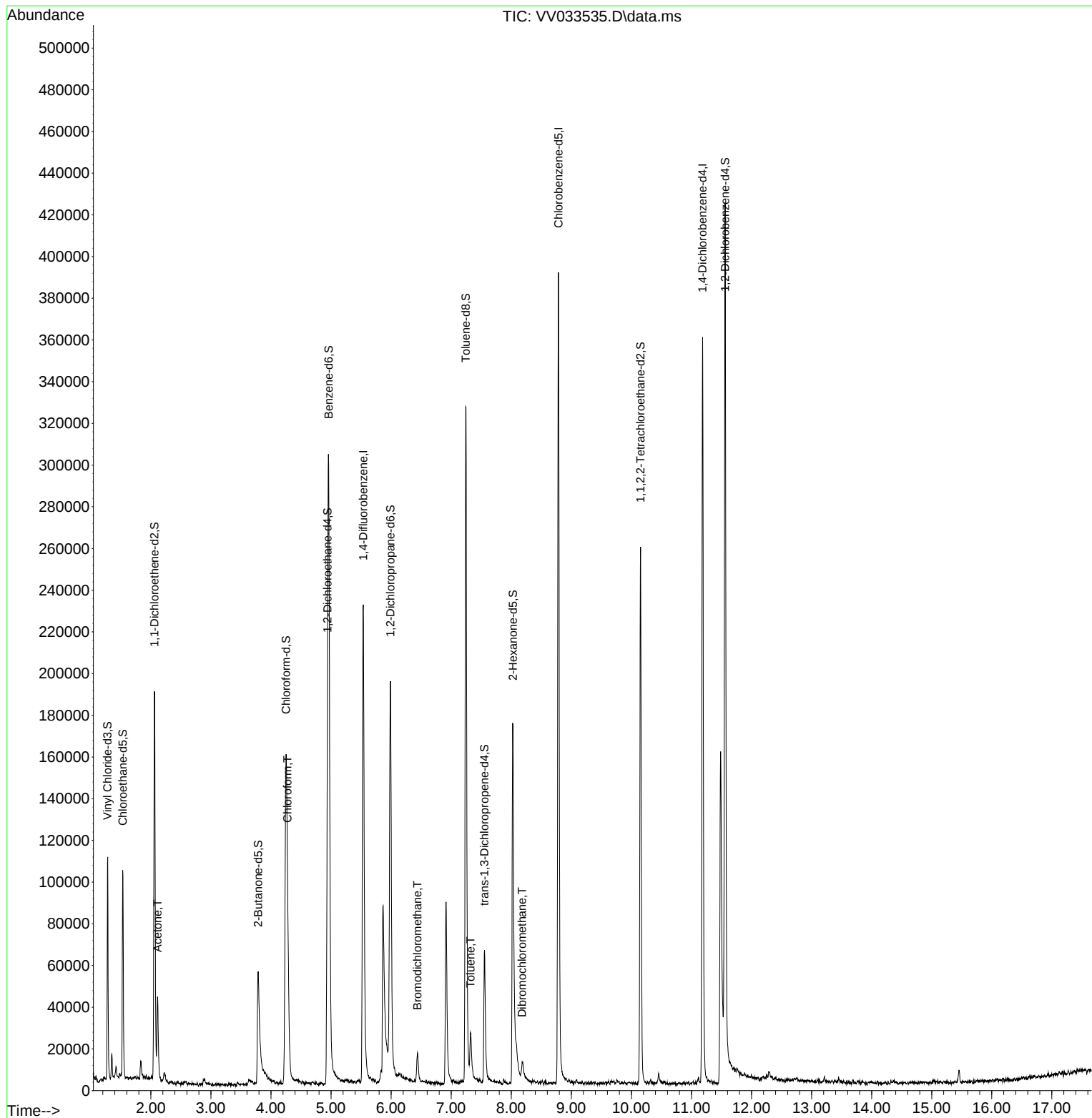
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	194319	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	206344	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	87182	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	65012	43.445	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.880%
7) Chloroethane-d5	1.532	69	63627	47.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.760%
11) 1,1-Dichloroethene-d2	2.059	65	32203	43.230	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.460%
21) 2-Butanone-d5	3.786	46	93801	124.374	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.370%
24) Chloroform-d	4.249	84	145291	49.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.160%
26) 1,2-Dichloroethane-d4	4.940	65	93842	51.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.220%
32) Benzene-d6	4.960	84	261446	47.044	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
36) 1,2-Dichloropropane-d6	5.989	67	90515	53.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.320%
41) Toluene-d8	7.243	98	213157	41.917	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.840%
43) trans-1,3-Dichloroprop...	7.554	79	36765	44.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.960%
47) 2-Hexanone-d5	8.027	63	56268	99.183	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.180%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	118831	49.018	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.040%
66) 1,2-Dichlorobenzene-d4	11.561	152	99551	60.765	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.540%#
Target Compounds						
					Qvalue	
13) Acetone	2.111	43	40145	45.857	ug/L	98
25) Chloroform	4.275	83	59264	21.229	ug/L	97
38) Bromodichloromethane	6.435	83	9319	4.341	ug/L #	97
42) Toluene	7.323	91	16715	2.867	ug/L	95
49) Dibromochloromethane	8.181	129	2254	1.371	ug/L	97

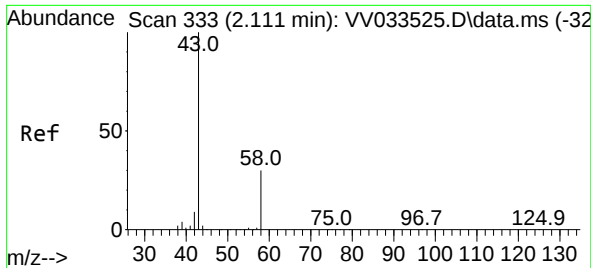
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 45.857 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033535.D

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Instrument :

MSVOA_V

ClientSampleId :

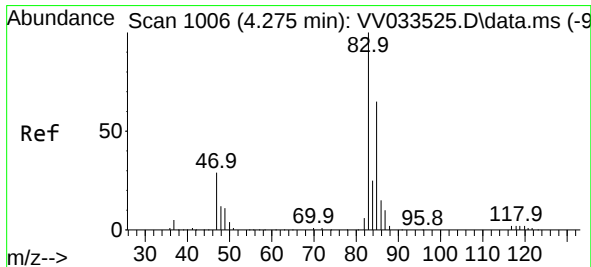
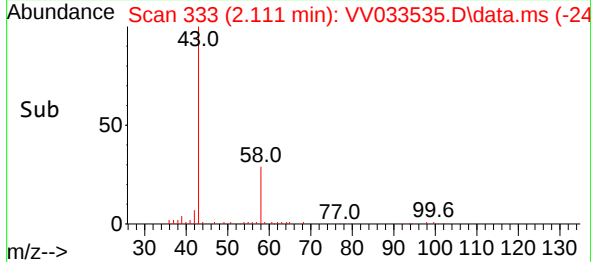
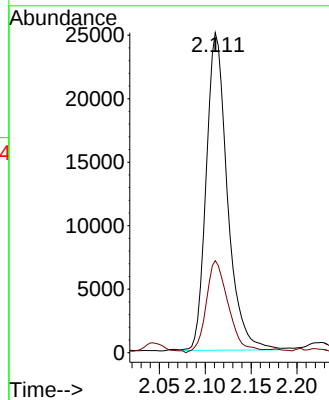
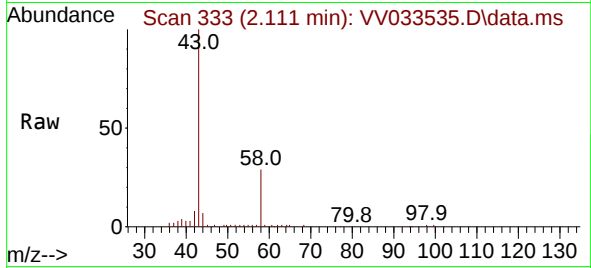
DCLT0

Tgt Ion: 43 Resp: 40145

Ion Ratio Lower Upper

43 100

58 30.5 0.0 59.2



#25

Chloroform

Concen: 21.229 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV033535.D

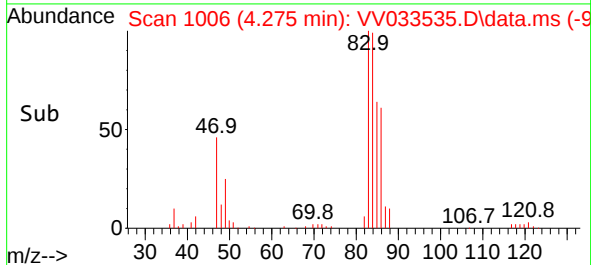
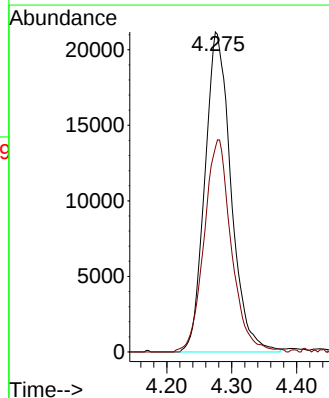
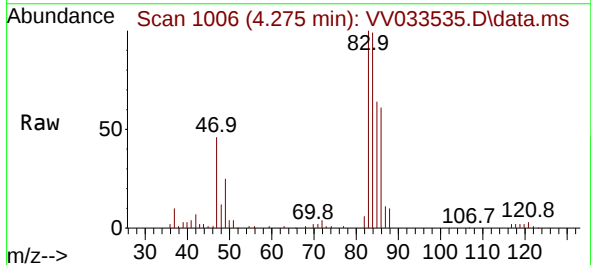
Acq: 21 Dec 2023 15:24

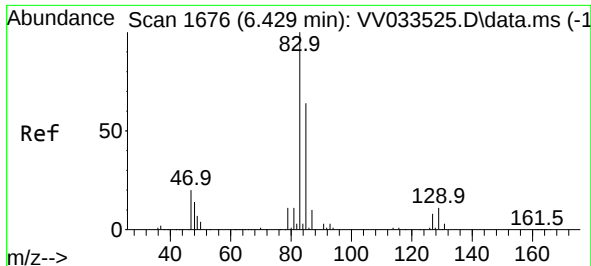
Tgt Ion: 83 Resp: 59264

Ion Ratio Lower Upper

83 100

85 63.9 46.1 85.7

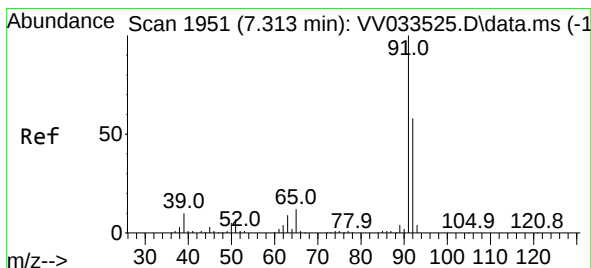
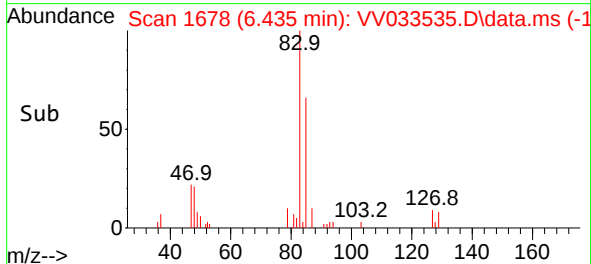
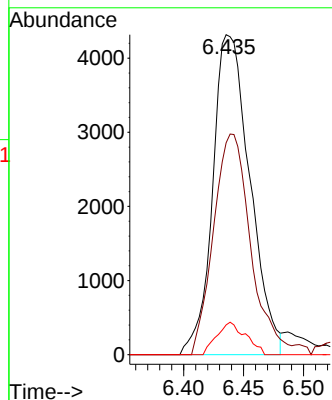
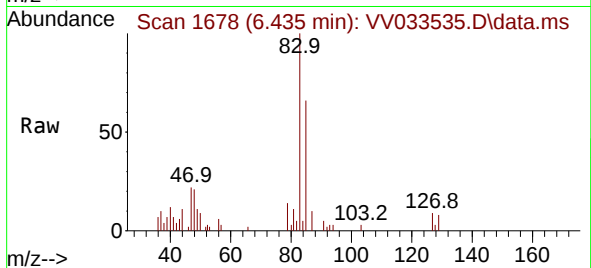




#38
Bromodichloromethane
Concen: 4.341 ug/L
RT: 6.435 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV033535.D
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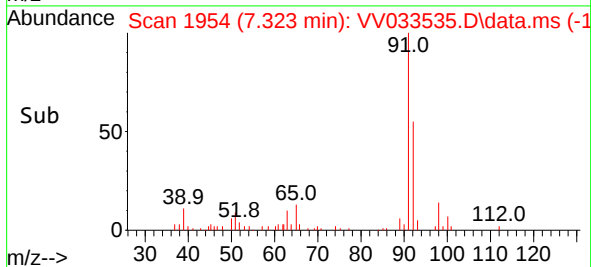
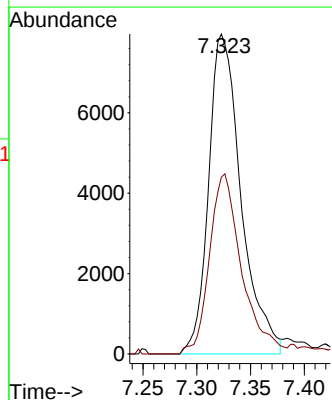
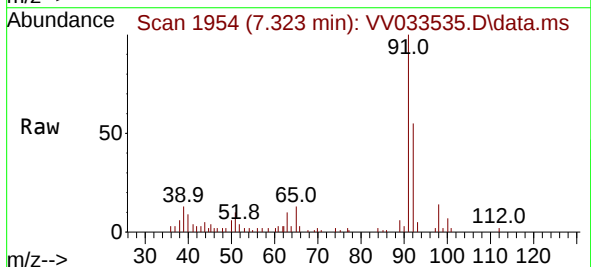
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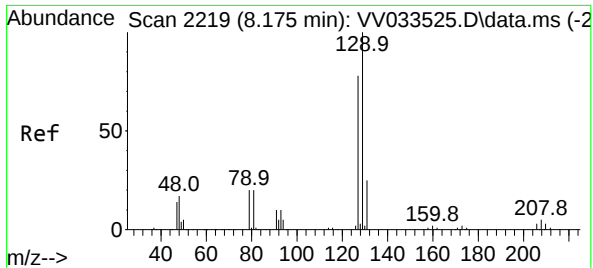
Tgt Ion: 83 Resp: 9319
Ion Ratio Lower Upper
83 100
85 66.2 45.2 84.0
127 12.2 6.8 10.2#



#42
Toluene
Concen: 2.867 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.010 min
Lab File: VV033535.D
Acq: 21 Dec 2023 15:24

Tgt Ion: 91 Resp: 16715
Ion Ratio Lower Upper
91 100
92 55.2 41.3 76.7





#49
 Dibromochloromethane
 Concen: 1.371 ug/L
 RT: 8.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV033535.D
 Acq: 21 Dec 2023 15:24

Instrument :
 MSVOA_V
 ClientSampleId :
 DCLT0

Tgt Ion:129 Resp: 2254
 Ion Ratio Lower Upper
 129 100
 127 73.5 53.3 98.9

