

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112023\
 Data File : VV033028.D
 Acq On : 20 Nov 2023 17:49
 Operator : SY/MD
 Sample : 05436-13
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 23:42:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:40:05 2023
 Response via : Initial Calibration

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

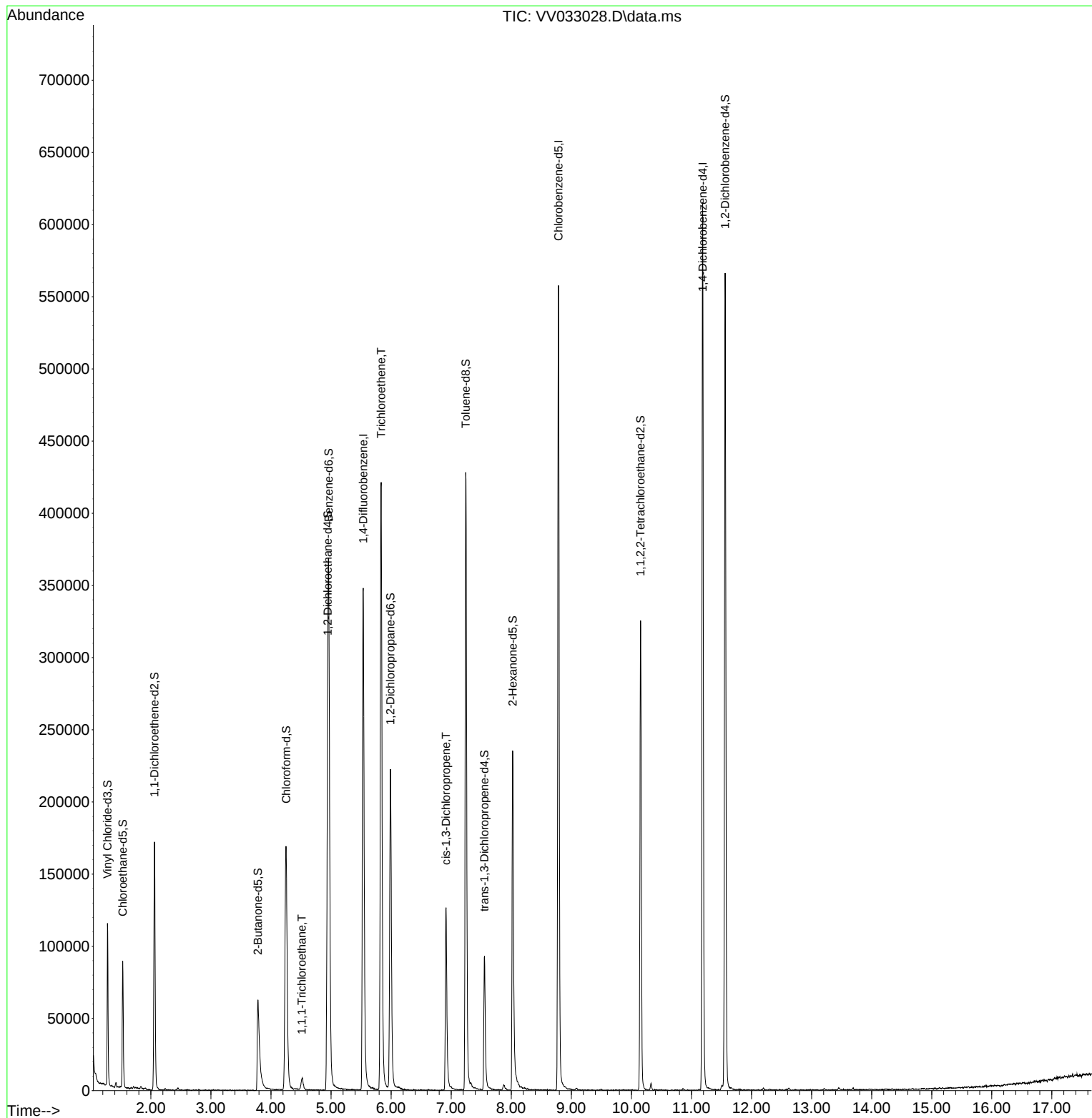
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	320378	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	320832	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	167946	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	70299	41.967	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.940%		
7) Chloroethane-d5	1.532	69	56714	44.023	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.040%		
11) 1,1-Dichloroethene-d2	2.059	65	27485	40.100	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.200%		
21) 2-Butanone-d5	3.783	46	96698	90.731	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.730%		
24) Chloroform-d	4.252	84	186514	45.181	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.360%		
26) 1,2-Dichloroethane-d4	4.944	65	120489	46.789	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.580%		
32) Benzene-d6	4.960	84	333139	44.589	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.180%		
36) 1,2-Dichloropropane-d6	5.989	67	100204	47.296	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.600%		
41) Toluene-d8	7.243	98	290315	40.705	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.400%		
43) trans-1,3-Dichloroprop...	7.554	79	54726	44.246	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.500%		
47) 2-Hexanone-d5	8.024	63	81671	93.156	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.160%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	145548	45.131	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.260%		
66) 1,2-Dichlorobenzene-d4	11.561	152	152308	50.856	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.720%		
Target Compounds						Qvalue
30) 1,1,1-Trichloroethane	4.513	97	6574	1.569	ug/L	98
34) Trichloroethene	5.834	95	144093	57.285	ug/L	99
39) cis-1,3-Dichloropropene	6.911	75	3546	0.940	ug/L #	60

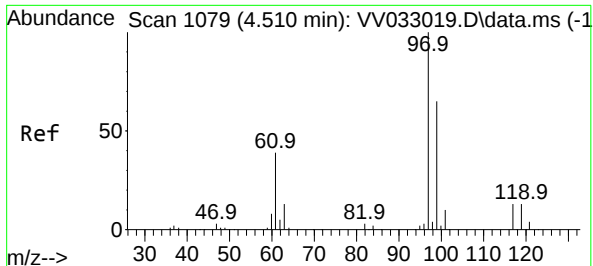
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

1,1,1-Trichloroethane

Concen: 1.569 ug/L

RT: 4.513 min Scan# 1

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

ClientSampleId :

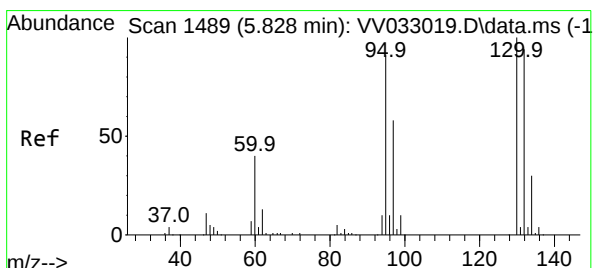
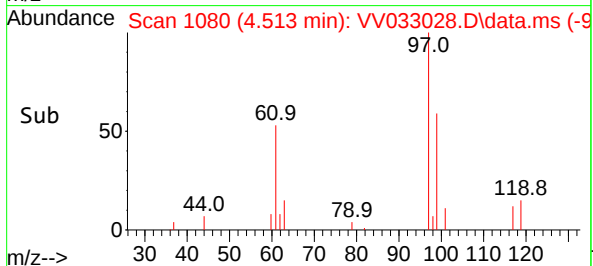
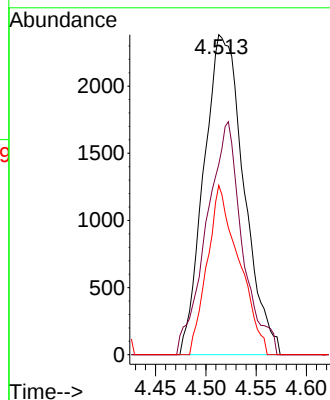
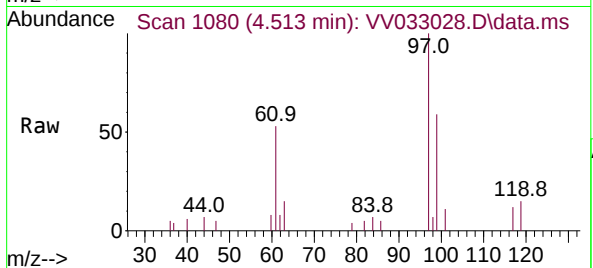
Tgt Ion: 97 Resp: 6574

Ion Ratio Lower Upper

97 100

99 65.3 51.2 76.8

61 42.0 32.1 48.1



#34

Trichloroethene

Concen: 57.285 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.006 min

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Tgt Ion: 95 Resp: 144093

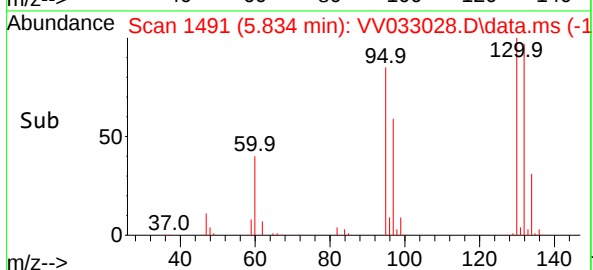
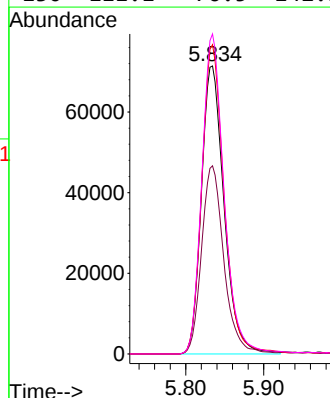
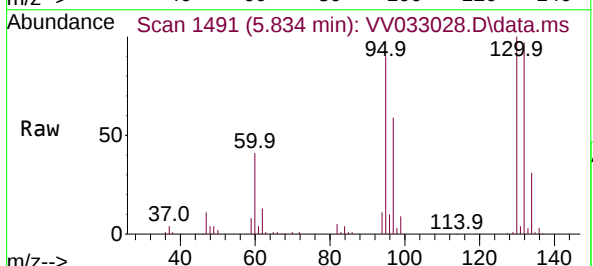
Ion Ratio Lower Upper

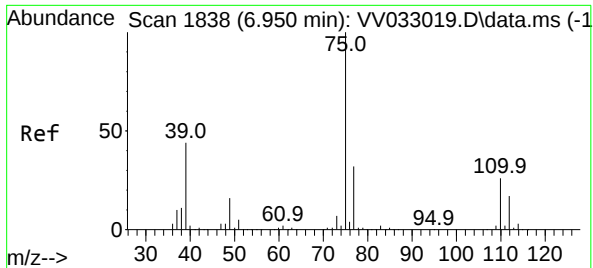
95 100

97 65.3 46.0 85.4

132 107.4 76.0 141.2

130 111.1 76.5 142.1





#39
 cis-1,3-Dichloropropene
 Concen: 0.940 ug/L
 RT: 6.911 min Scan# 11
 Delta R.T. -0.039 min
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 Acq: 20 Nov 2023 17:49

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 3546
 Ion Ratio Lower Upper
 75 100
 77 53.5 21.9 40.7#

