

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021121\
 Data File : VW020297.D
 Acq On : 11 Feb 2021 12:09
 Operator : SY/MD
 Sample : M1375-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BJ5

Quant Time: Feb 12 00:26:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 00:25:49 2021
 Response via : Initial Calibration

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

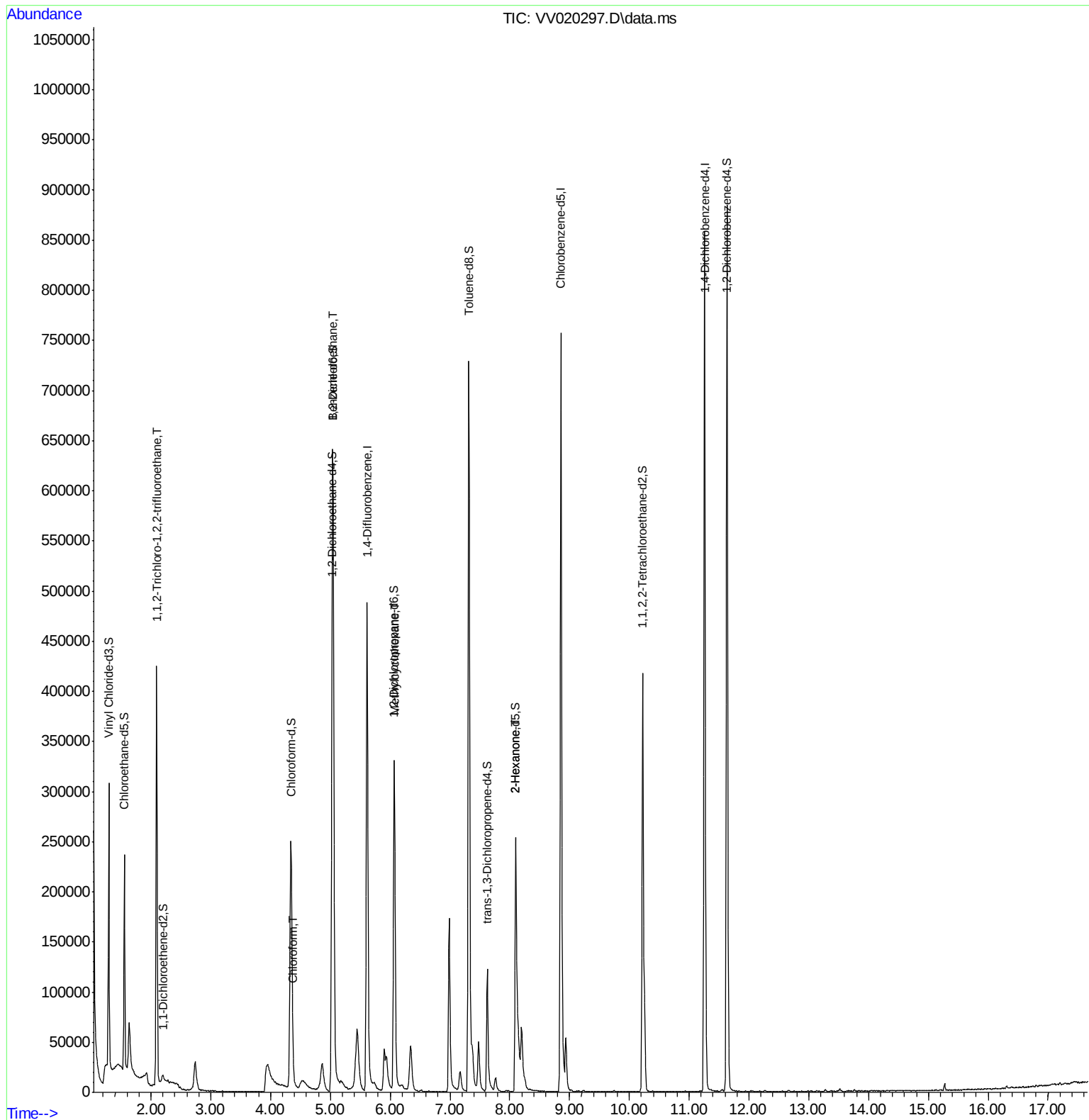
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	435550	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	442454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.259	152	234776	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	170075	53.56	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.12%			
7) Chloroethane-d5	1.555	69	136494	52.39	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.78%			
11) 1,1-Dichloroethene-d2	2.198	63	303	0.05	ug/L	0.09
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.10%#			
21) 2-Butanone-d5	0.000	46	0	0.00	ug/L	
Spiked Amount 100.000	Range 40 - 130		Recovery = 0.00%#			
24) Chloroform-d	4.342	84	259694	45.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.92%			
26) 1,2-Dichloroethane-d4	5.027	65	172238	48.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.16%			
32) Benzene-d6	5.043	84	545729	47.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.22%			
36) 1,2-Dichloropropane-d6	6.066	67	162821	47.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.16%			
41) Toluene-d8	7.317	98	503701	46.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.52%			
43) trans-1,3-Dichloroprop...	7.622	79	74900	42.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.88%			
47) 2-Hexanone-d5	8.098	63	120413	84.57	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.57%			
57) 1,1,2,2-Tetrachloroeth...	10.223	84	238461	48.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.06%			
64) 1,2-Dichlorobenzene-d4	11.632	152	239263	53.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.72%			
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.095	101	2145	0.77	ug/L #	24
25) Chloroform	4.371	83	11118	2.09	ug/L	84
27) 1,2-Dichloroethane	5.043	62	3566	0.85	ug/L	97
35) Methylcyclohexane	6.069	83	40279	8.18	ug/L #	17
48) 2-Hexanone	8.098	43	13437	4.65	ug/L #	78

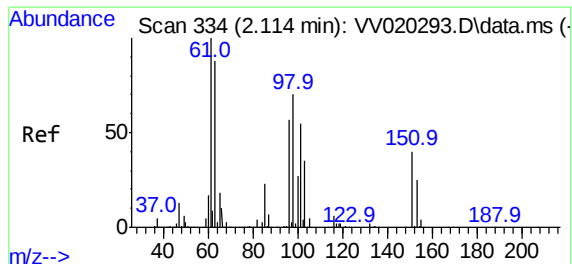
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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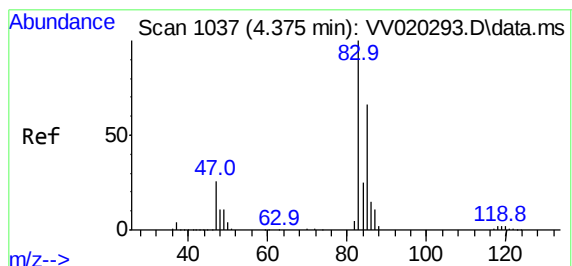
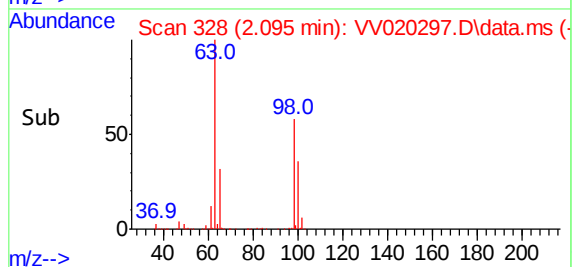
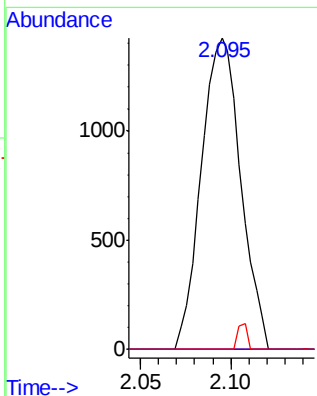
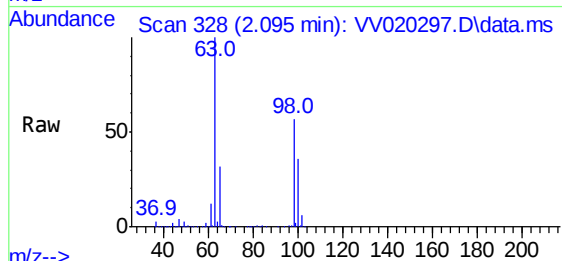




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.77 ug/L
RT: 2.095 min Scan# 328
Delta R.T. -0.019 min
Lab File: VV020297.D
Acq: 11 Feb 2021 12:09

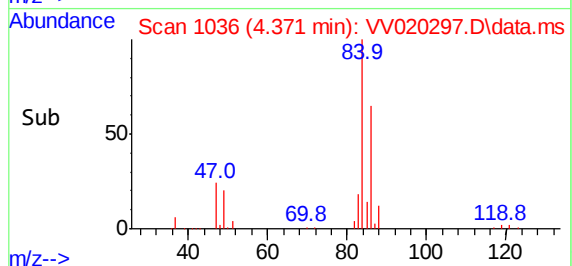
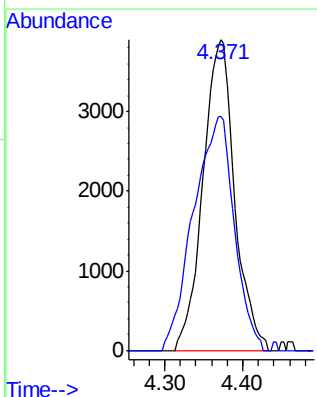
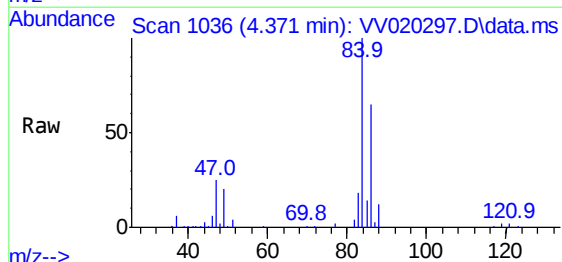
Instrument :
MSVOA_V
ClientSampleId :
C0BJ5

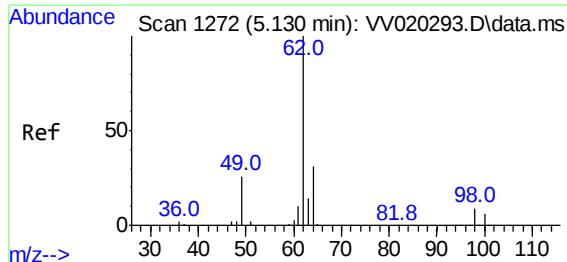
Tgt Ion:101 Resp: 2145
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 2.0 53.6 80.4#



#25
Chloroform
Concen: 2.09 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV020297.D
Acq: 11 Feb 2021 12:09

Tgt Ion: 83 Resp: 11118
Ion Ratio Lower Upper
83 100
85 75.4 44.2 82.2

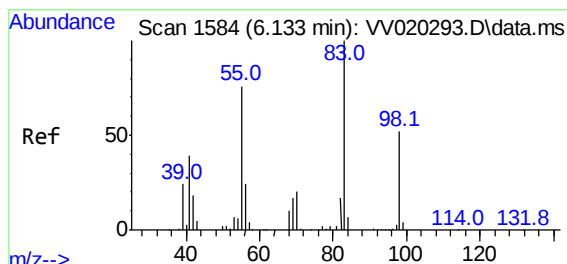
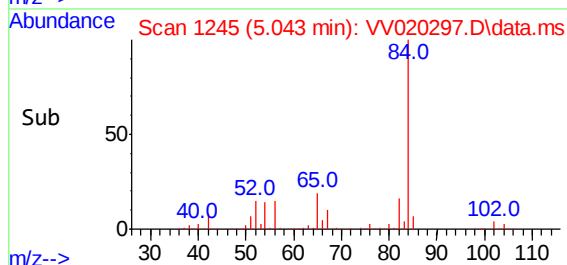
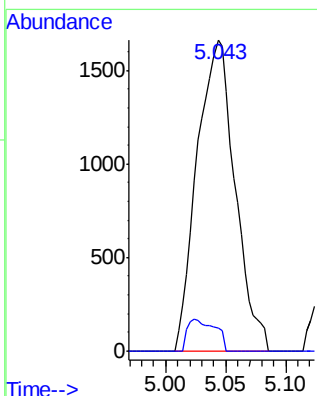
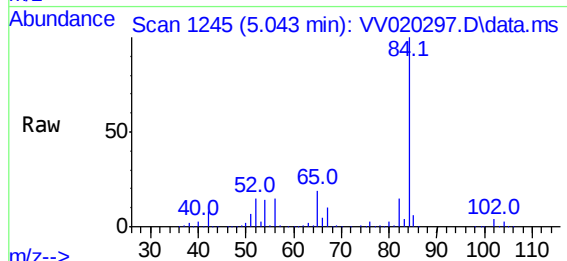




#27
1,2-Dichloroethane
Concen: 0.85 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.087 min
Lab File: VV020297.D
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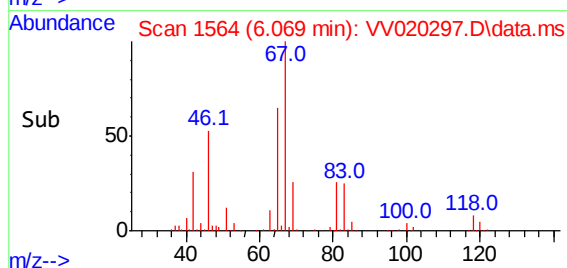
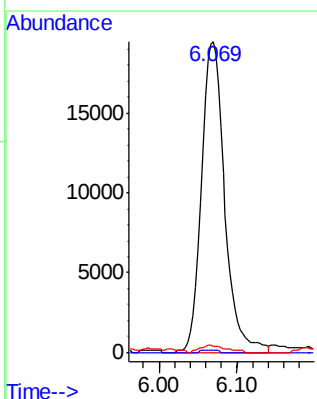
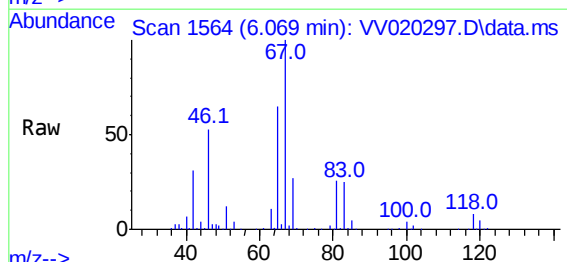
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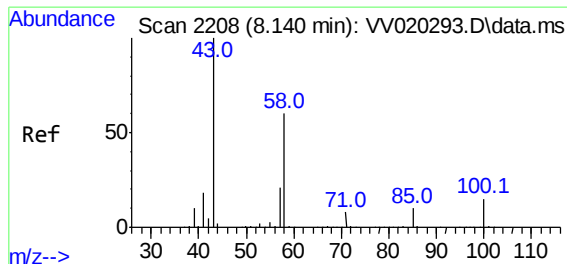
Tgt Ion: 62 Resp: 3566
Ion Ratio Lower Upper
62 100
98 7.4 6.9 10.3



#35
Methylcyclohexane
Concen: 8.18 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV020297.D
Acq: 11 Feb 2021 12:09

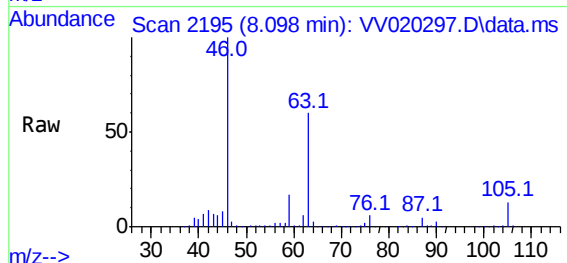
Tgt Ion: 83 Resp: 40279
Ion Ratio Lower Upper
83 100
55 0.2 65.1 97.7#
98 1.0 38.2 57.2#





#48
 2-Hexanone
 Concen: 4.65 ug/L
 RT: 8.098 min Scan# 2195
 Delta R.T. -0.042 min
 Lab File: VV020297.D
 Acq: 11 Feb 2021 12:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BJ5



Tgt Ion: 43 Resp: 13437

Ion	Ratio	Lower	Upper
43	100		
58	36.7	41.8	62.6#
57	28.0	15.0	22.4#
100	1.8	8.9	13.3#

