

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037072.D
 Acq On : 27 Aug 2024 10:09
 Operator : SY/MD
 Sample : P3691-18RE
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 04:18:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 04:16:12 2024
 Response via : Initial Calibration

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

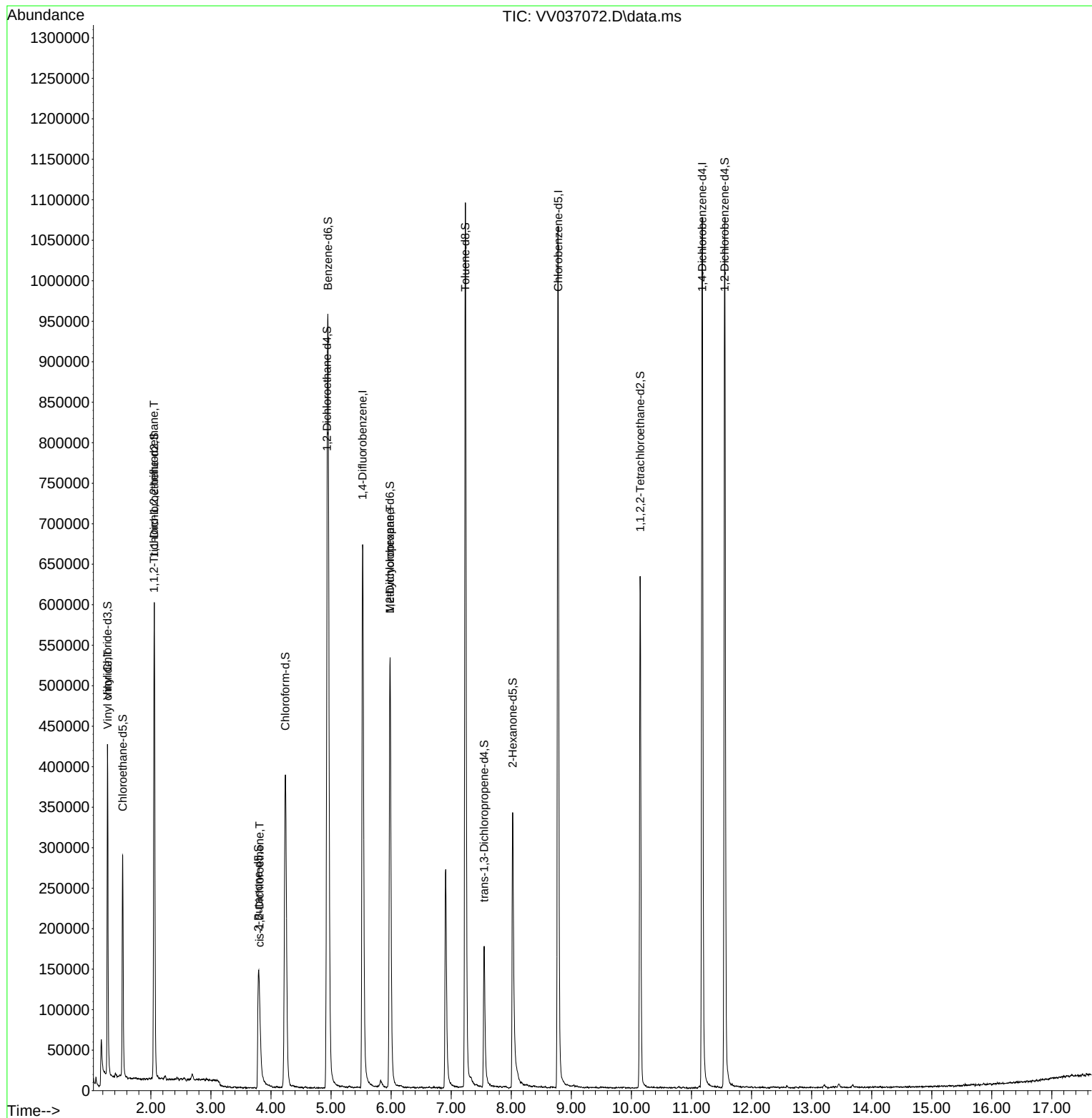
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	585753	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	568669	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	268056	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	214365	40.007	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.020%		
7) Chloroethane-d5	1.532	69	184729	44.608	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.220%		
11) 1,1-Dichloroethene-d2	2.056	65	99966	44.388	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.780%		
21) 2-Butanone-d5	3.789	46	201560	97.139	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.140%		
24) Chloroform-d	4.240	84	409874	48.875	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.760%		
26) 1,2-Dichloroethane-d4	4.934	65	261789	49.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.140%		
32) Benzene-d6	4.950	84	816185	47.519	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.040%		
36) 1,2-Dichloropropane-d6	5.982	67	260704	48.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.920%		
41) Toluene-d8	7.236	98	725364	46.793	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.580%		
43) trans-1,3-Dichloroprop...	7.548	79	105629	42.440	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.880%		
47) 2-Hexanone-d5	8.024	63	125489	85.469	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.470%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	304084	46.606	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.220%		
66) 1,2-Dichlorobenzene-d4	11.554	152	264850	49.333	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.660%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	66968	12.815	ug/L #	79
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	3015	0.743	ug/L #	23
20) cis-1,2-Dichloroethene	3.809	96	22762	5.192	ug/L	97
35) Methylcyclohexane	5.982	83	60639	8.616	ug/L #	19

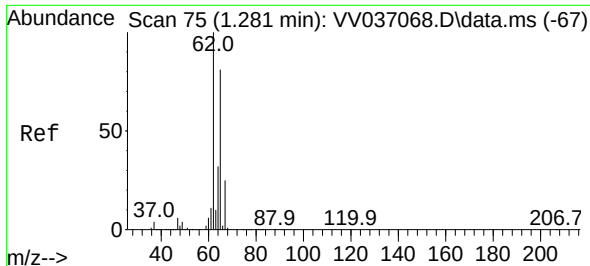
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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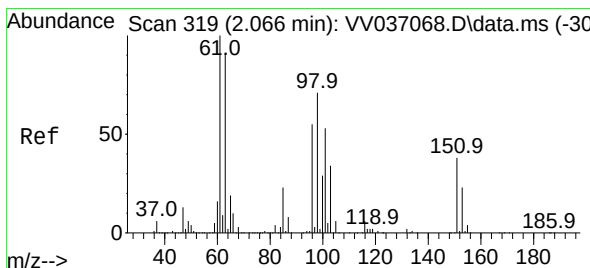
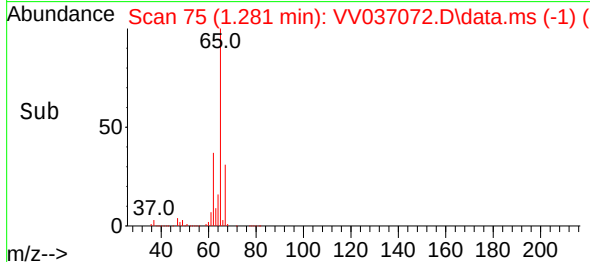
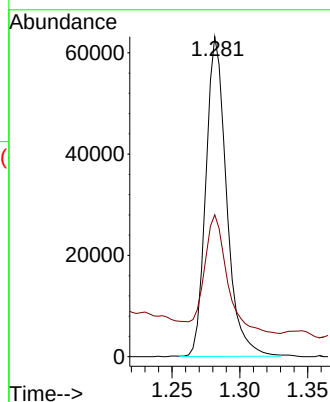
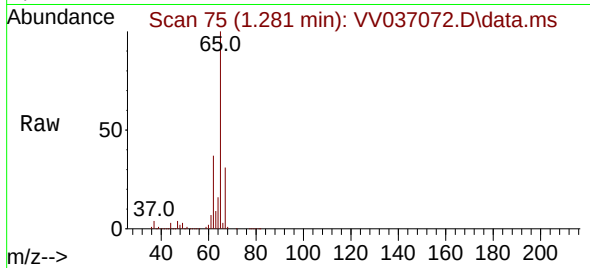




#5
 Vinyl chloride
 Concen: 12.815 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037072.D
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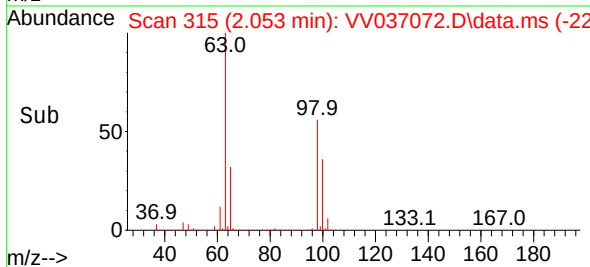
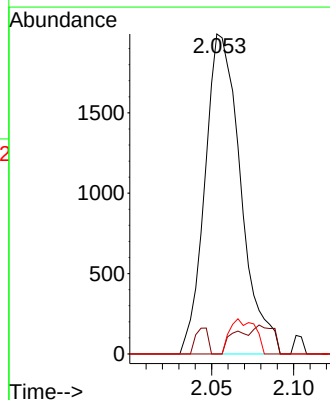
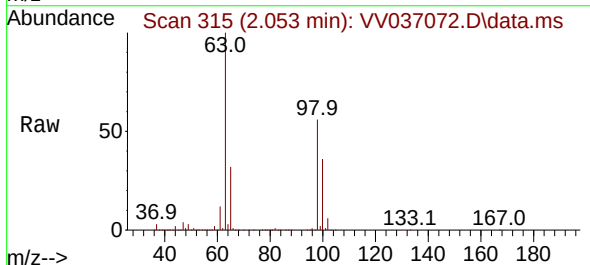
Instrument :
 MSVOA_V
 ClientSampleId :

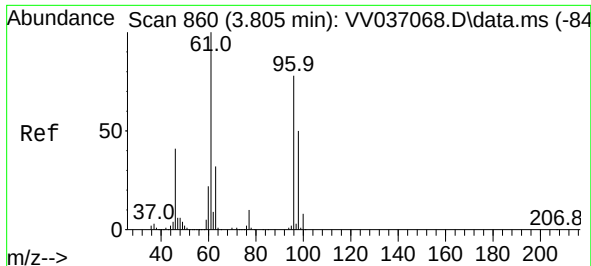
Tgt Ion: 62 Resp: 66968
 Ion Ratio Lower Upper
 62 100
 64 44.4 22.8 42.4#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.743 ug/L
 RT: 2.053 min Scan# 315
 Delta R.T. -0.013 min
 Lab File: VV037072.D
 Acq: 27 Aug 2024 10:09

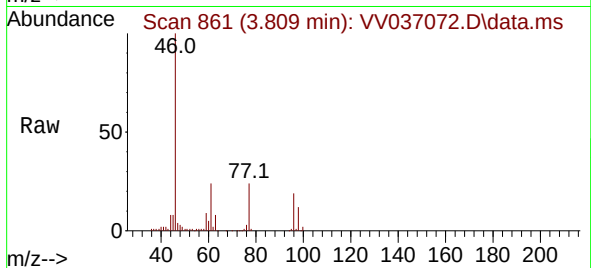
Tgt Ion: 101 Resp: 3015
 Ion Ratio Lower Upper
 101 100
 85 2.8 35.6 53.4#
 151 0.0 55.0 82.4#



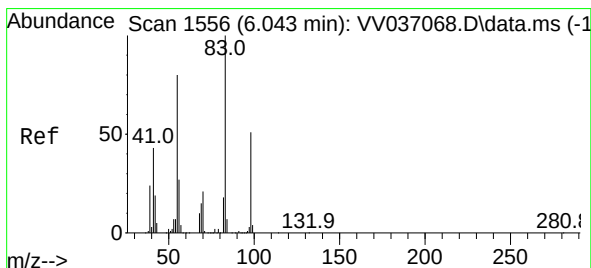
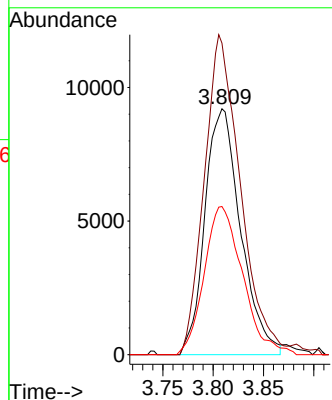
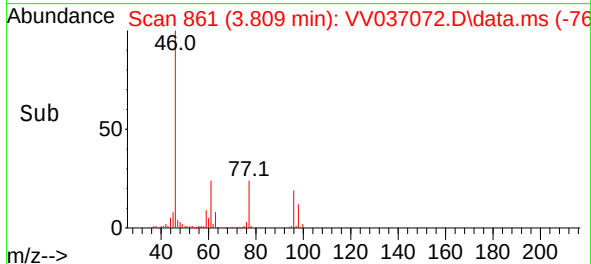


#20
cis-1,2-Dichloroethene
Concen: 5.192 ug/L
RT: 3.809 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV037072.D
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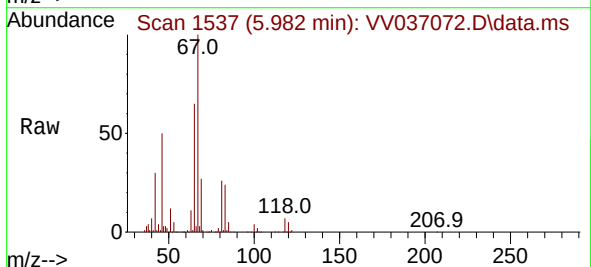
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 22762
Ion Ratio Lower Upper
96 100
61 126.7 89.9 166.9
98 60.3 44.8 83.2



#35
Methylcyclohexane
Concen: 8.616 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.061 min
Lab File: VV037072.D
Acq: 27 Aug 2024 10:09



Tgt Ion: 83 Resp: 60639
Ion Ratio Lower Upper
83 100
55 0.7 61.2 91.8#
98 1.8 39.3 58.9#

