

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037079.D
 Acq On : 27 Aug 2024 12:41
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 04:19:41 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)

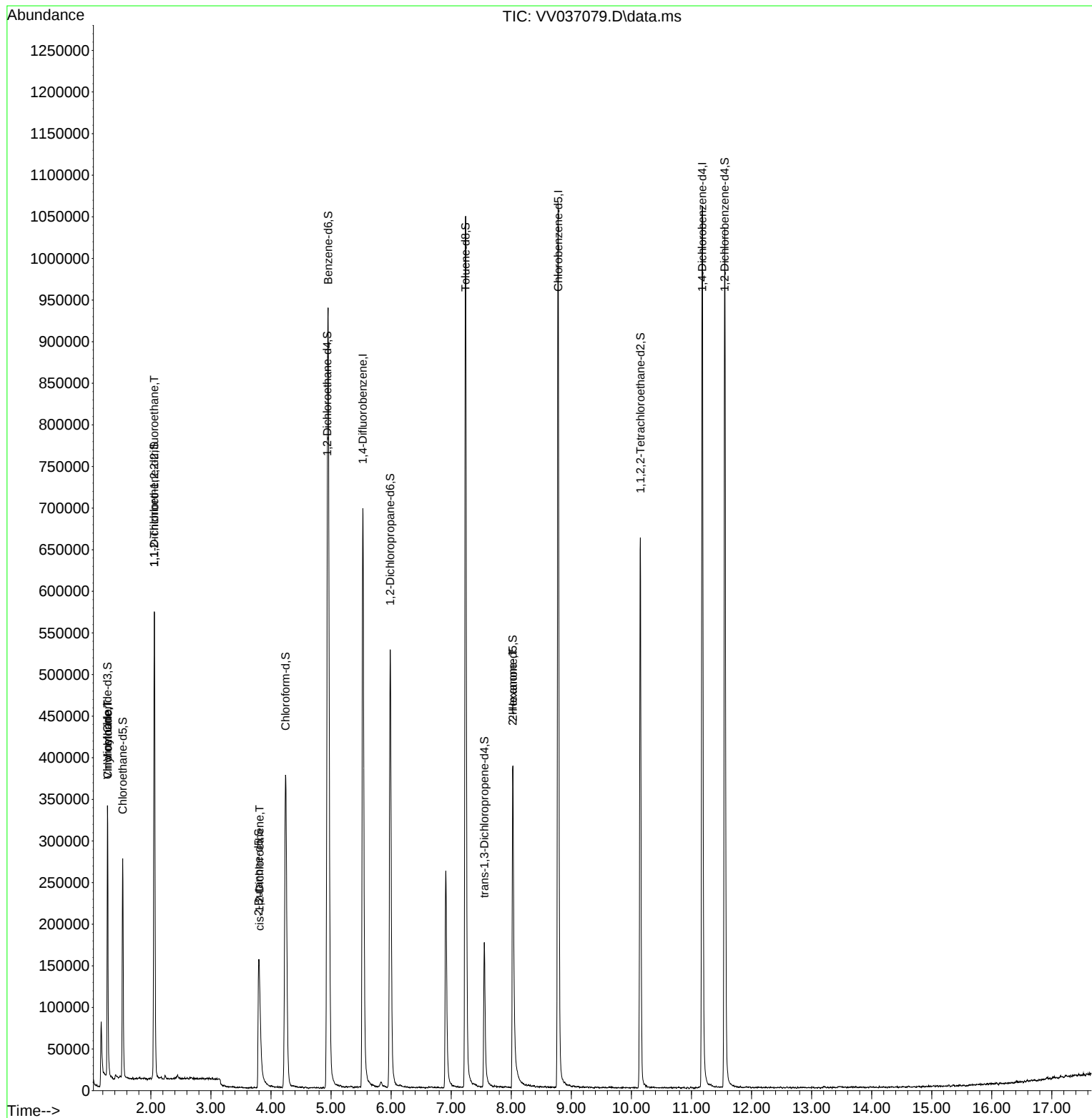
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	597789	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	568178	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	267766	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	197838	36.179	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.360%		
7) Chloroethane-d5	1.532	69	175148	41.443	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.880%		
11) 1,1-Dichloroethene-d2	2.056	65	94743	41.222	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.440%		
21) 2-Butanone-d5	3.796	46	220033	103.906	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.910%		
24) Chloroform-d	4.243	84	402475	47.027	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.060%		
26) 1,2-Dichloroethane-d4	4.937	65	256956	47.676	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.360%		
32) Benzene-d6	4.953	84	794500	46.296	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.600%		
36) 1,2-Dichloropropane-d6	5.986	67	258240	48.044	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.080%		
41) Toluene-d8	7.239	98	694745	44.857	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.720%		
43) trans-1,3-Dichloroprop...	7.551	79	101609	40.860	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.720%		
47) 2-Hexanone-d5	8.024	63	139084	94.811	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.810%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	315434	48.387	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.780%		
66) 1,2-Dichlorobenzene-d4	11.554	152	260389	48.554	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.100%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	18051	3.385	ug/L #	38
8) Chloroethane	1.282	64	9663	2.962	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	2913	0.704	ug/L #	23
20) cis-1,2-Dichloroethene	3.809	96	17028	3.806	ug/L	92
48) 2-Hexanone	8.027	43	15829	4.580	ug/L #	70

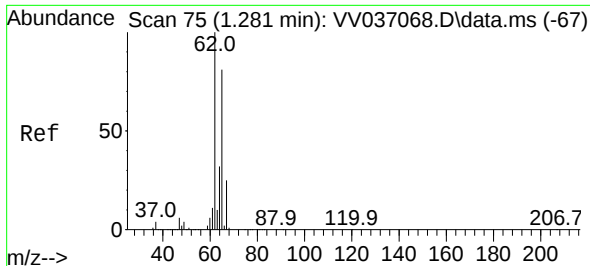
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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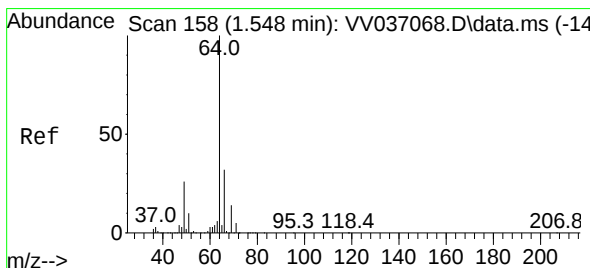
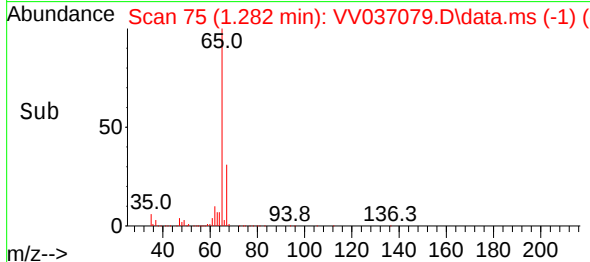
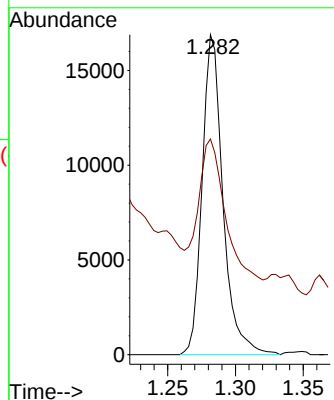
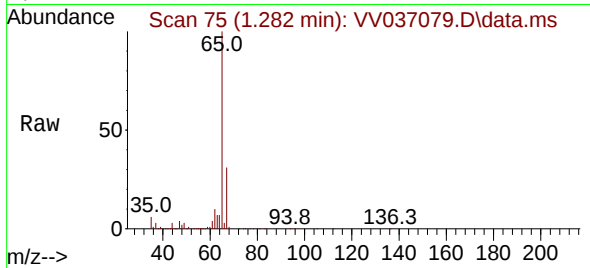




#5
 Vinyl chloride
 Concen: 3.385 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037079.D
 Acq: 27 Aug 2024 12:41

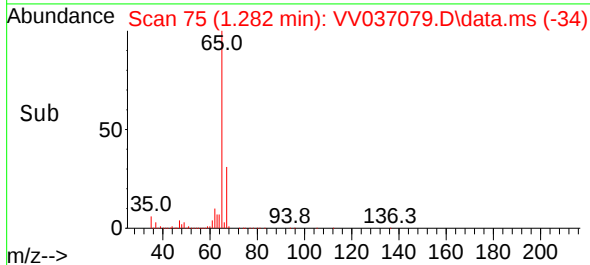
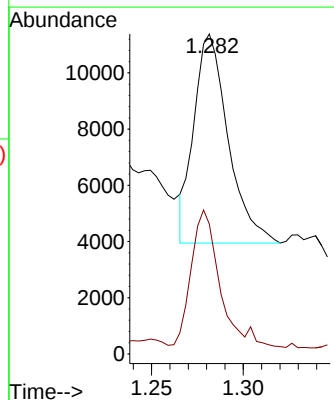
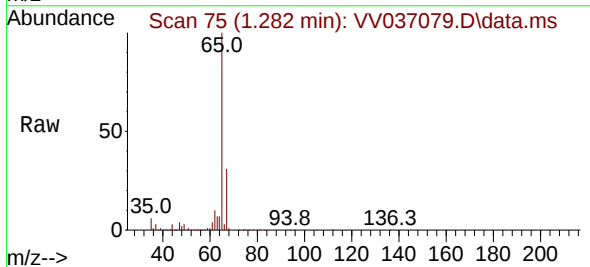
Instrument :
 MSVOA_V
 ClientSampleId :

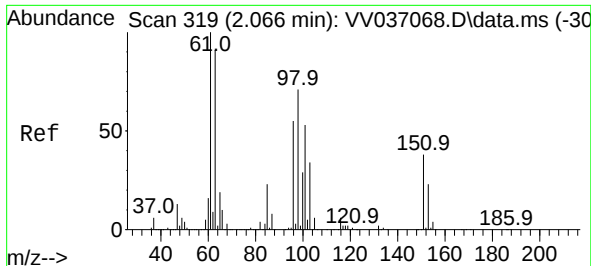
Tgt Ion: 62 Resp: 18051
 Ion Ratio Lower Upper
 62 100
 64 67.4 22.8 42.4#



#8
 Chloroethane
 Concen: 2.962 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.267 min
 Lab File: VV037079.D
 Acq: 27 Aug 2024 12:41

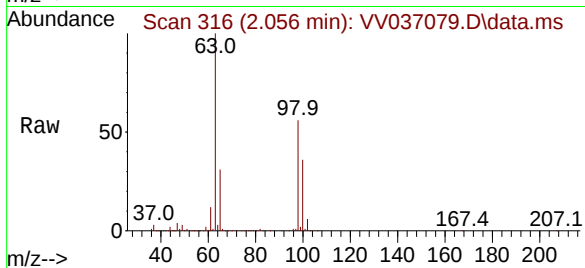
Tgt Ion: 64 Resp: 9663
 Ion Ratio Lower Upper
 64 100
 66 40.6 22.8 42.4



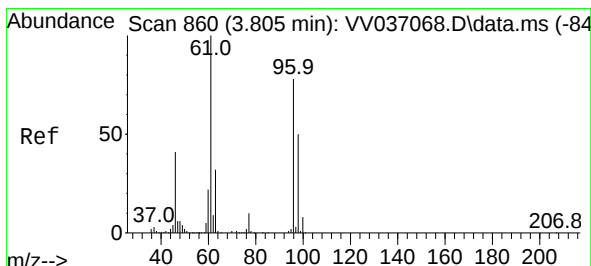
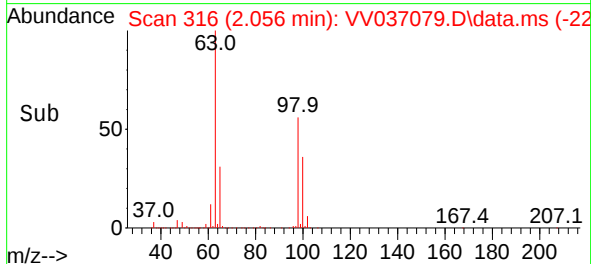
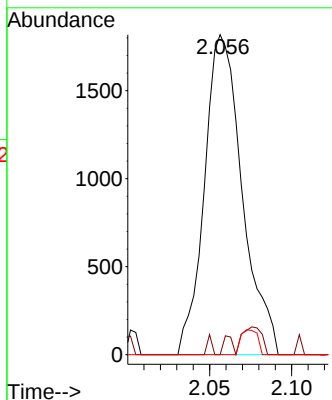


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.704 ug/L
 RT: 2.056 min Scan# 319
 Delta R.T. -0.010 min
 Lab File: VV037079.D
 Acq: 27 Aug 2024 12:41

Instrument :
 MSVOA_V
 ClientSampleId :

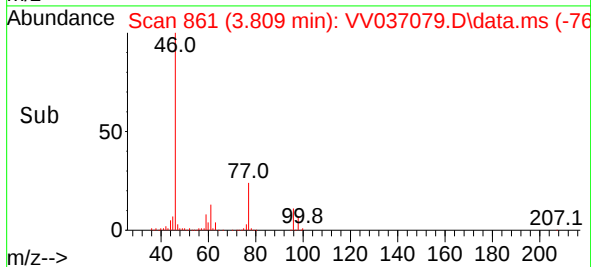
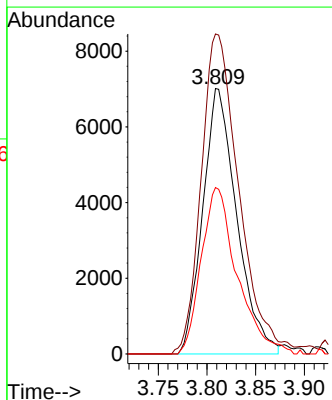
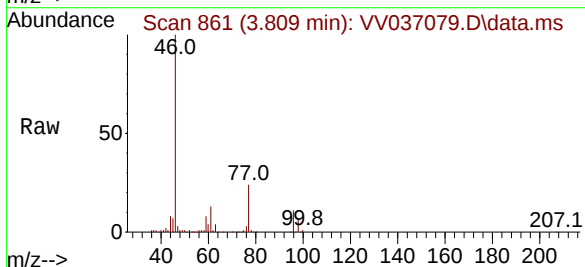


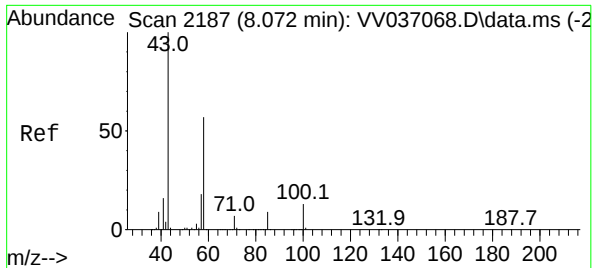
Tgt Ion: 101 Resp: 2913
 Ion Ratio Lower Upper
 101 100
 85 1.4 35.6 53.4#
 151 0.0 55.0 82.4#



#20
 cis-1,2-Dichloroethene
 Concen: 3.806 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV037079.D
 Acq: 27 Aug 2024 12:41

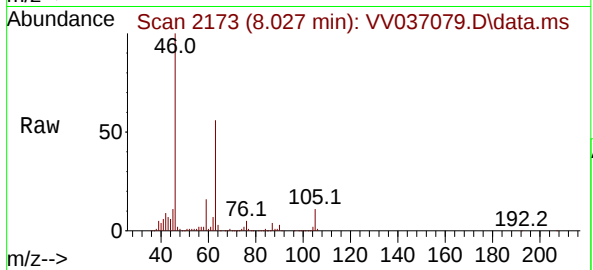
Tgt Ion: 96 Resp: 17028
 Ion Ratio Lower Upper
 96 100
 61 117.5 89.9 166.9
 98 61.1 44.8 83.2





#48
 2-Hexanone
 Concen: 4.580 ug/L
 RT: 8.027 min Scan# 21
 Delta R.T. -0.045 min
 Lab File: VV037079.D
 Acq: 27 Aug 2024 12:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43 Resp: 15829

Ion	Ratio	Lower	Upper
43	100		
58	34.8	46.0	69.0#
57	33.4	15.6	23.4#
100	1.6	10.6	16.0#

