

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037051.D
 Acq On : 27 Aug 2024 00:41
 Operator : SY/MD
 Sample : P3691-06
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 04:19:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 03:16:59 2024
 Response via : Initial Calibration

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

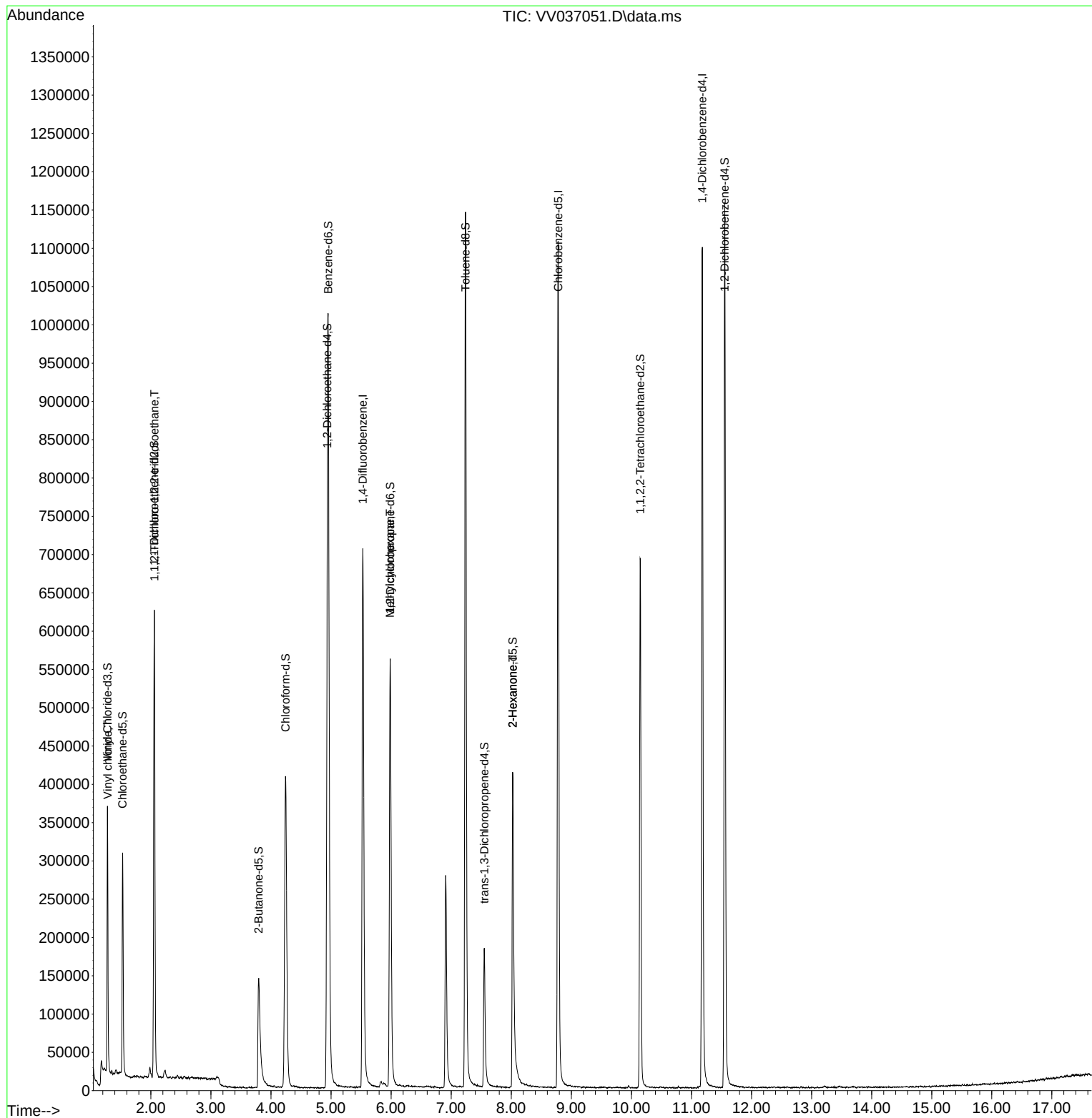
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	611020	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	592748	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	282080	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	222562	39.819	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.640%		
7) Chloroethane-d5	1.529	69	192828	44.638	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.280%		
11) 1,1-Dichloroethene-d2	2.057	65	103476	44.047	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.100%		
21) 2-Butanone-d5	3.796	46	229076	105.834	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.830%		
24) Chloroform-d	4.243	84	427543	48.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.740%		
26) 1,2-Dichloroethane-d4	4.937	65	282100	51.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.420%		
32) Benzene-d6	4.953	84	857548	47.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.800%		
36) 1,2-Dichloropropane-d6	5.986	67	277159	49.426	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.860%		
41) Toluene-d8	7.240	98	765272	47.362	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.720%		
43) trans-1,3-Dichloroprop...	7.551	79	107986	41.624	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.240%		
47) 2-Hexanone-d5	8.024	63	145106	94.815	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.820%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	341693	50.242	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.480%		
66) 1,2-Dichlorobenzene-d4	11.555	152	285245	50.490	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.980%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	5335	0.979	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3042	0.719	ug/L #	24
35) Methylcyclohexane	5.982	83	66085	9.009	ug/L #	20
48) 2-Hexanone	8.024	43	17426	4.833	ug/L #	40

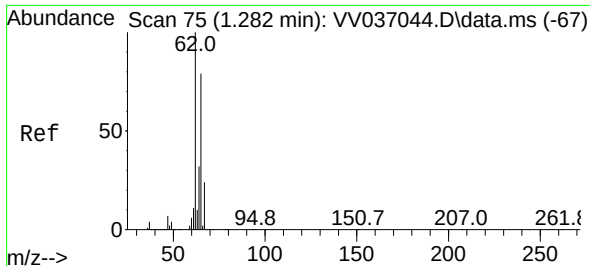
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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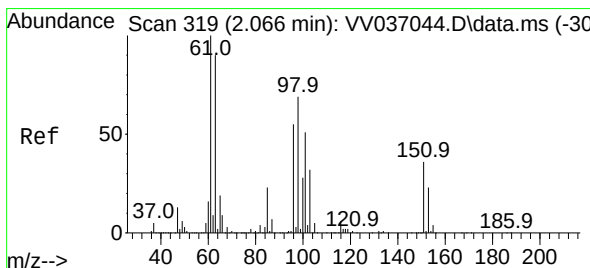
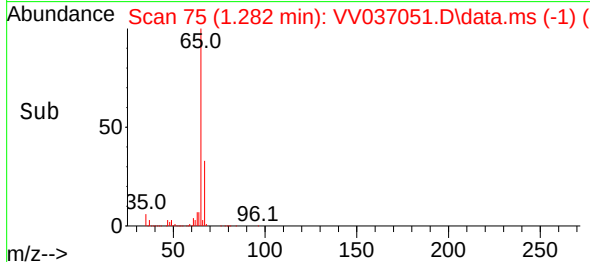
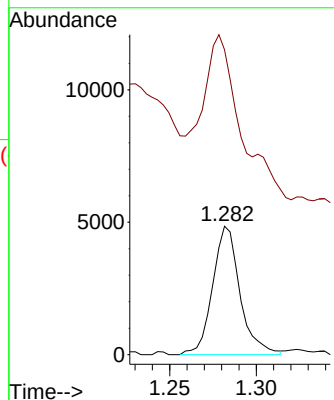
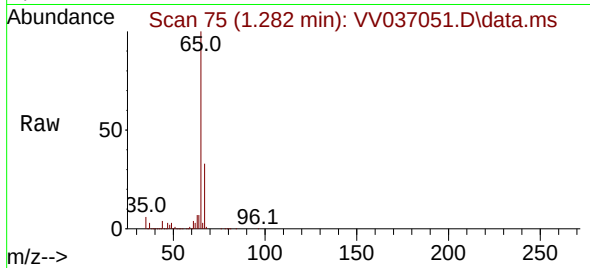




#5
 Vinyl chloride
 Concen: 0.979 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037051.D
 Acq: 27 Aug 2024 00:41

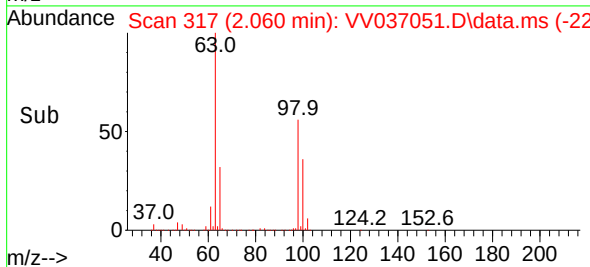
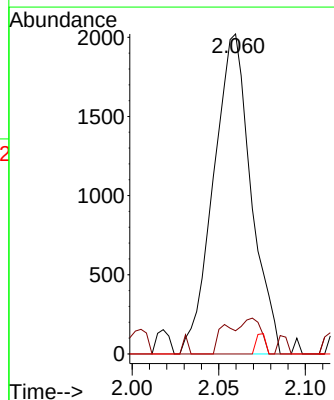
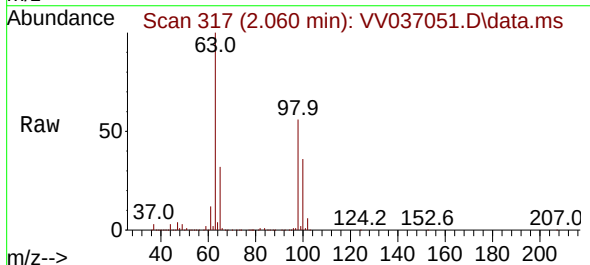
Instrument :
 MSVOA_V
 ClientSampleId :

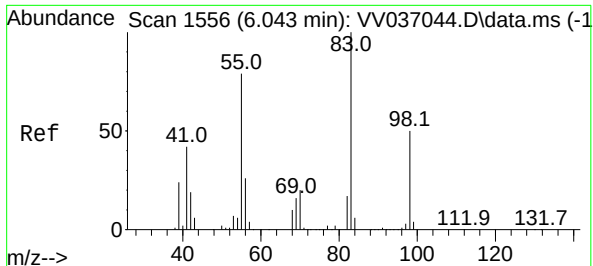
Tgt Ion: 62 Resp: 5335
 Ion Ratio Lower Upper
 62 100
 64 237.5 22.8 42.4#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.719 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV037051.D
 Acq: 27 Aug 2024 00:41

Tgt Ion: 101 Resp: 3042
 Ion Ratio Lower Upper
 101 100
 85 4.1 35.6 53.4#
 151 0.0 55.0 82.4#





#35

Methylcyclohexane

Concen: 9.009 ug/L

RT: 5.982 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV037051.D

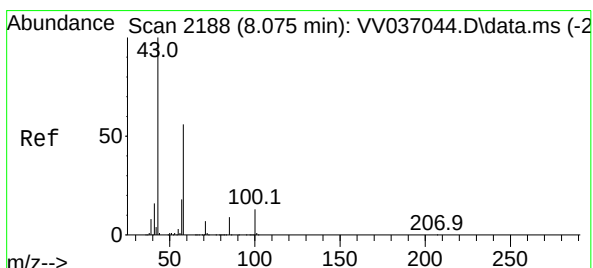
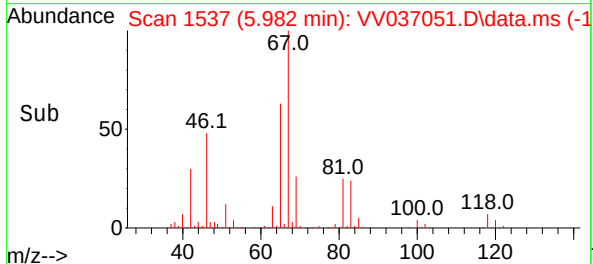
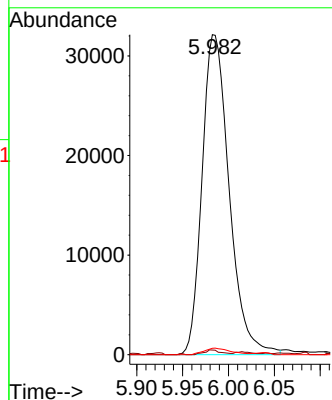
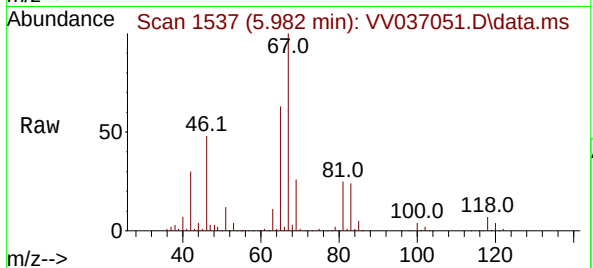
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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	66085
Ion	Ratio	Lower	Upper
83	100		
55	1.0	61.2	91.8#
98	2.0	39.3	58.9#



#48

2-Hexanone

Concen: 4.833 ug/L

RT: 8.024 min Scan# 2172

Delta R.T. -0.051 min

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Tgt Ion:	43	Resp:	17426
Ion	Ratio	Lower	Upper
43	100		
58	0.0	46.0	69.0#
57	32.6	15.6	23.4#
100	1.5	10.6	16.0#

