

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037154.D
 Acq On : 29 Aug 2024 14:01
 Operator : SY/MD
 Sample : P3692-05RE
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 29 23:42:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 23:38:00 2024
 Response via : Initial Calibration

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

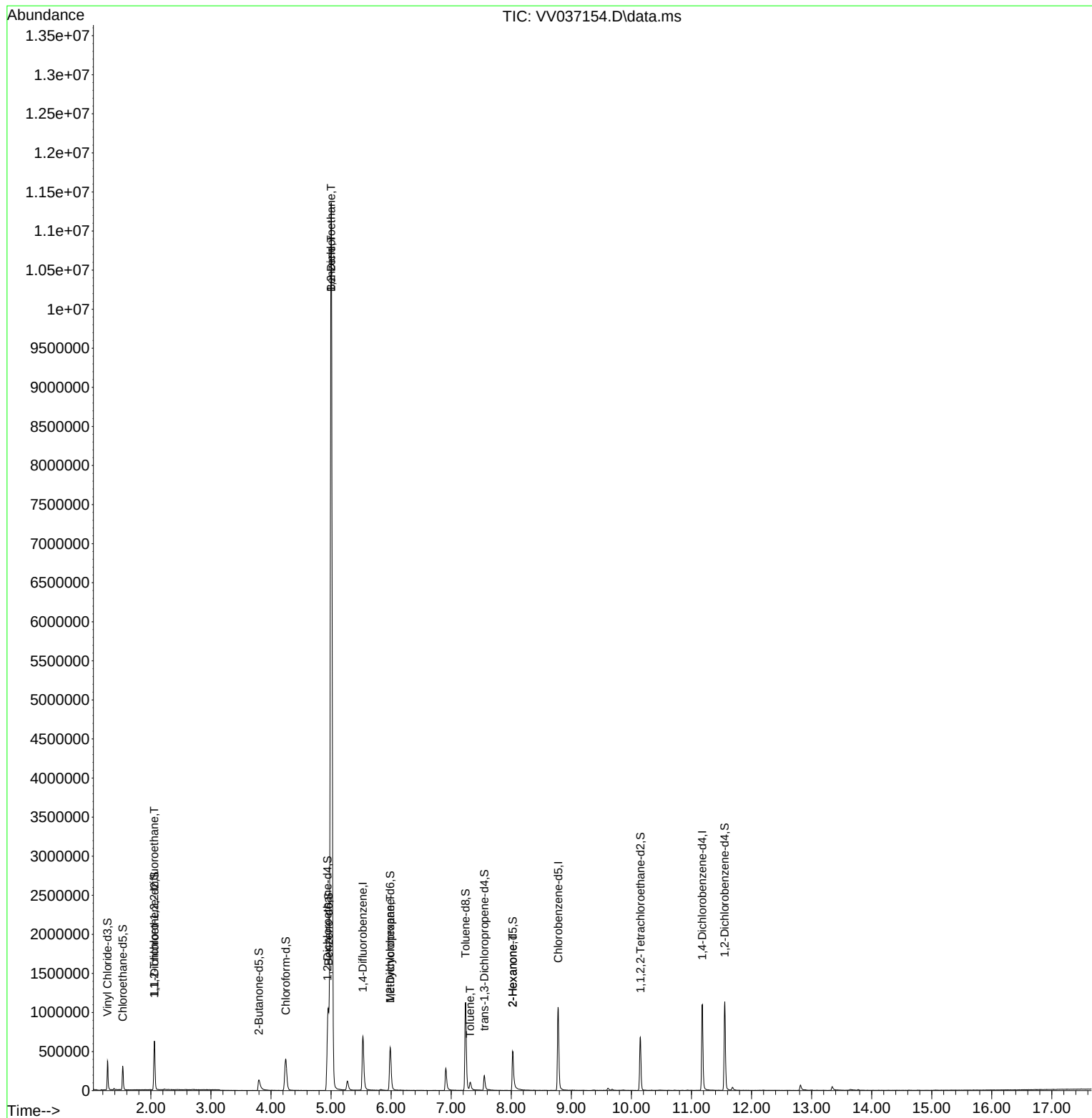
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	601671	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	578380	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	275224	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	244223	44.373	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.740%
7) Chloroethane-d5	1.532	69	200742	47.192	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.380%
11) 1,1-Dichloroethene-d2	2.060	65	103947	44.935	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.860%
21) 2-Butanone-d5	3.799	46	216932	101.781	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.780%
24) Chloroform-d	4.246	84	425793	49.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.860%
26) 1,2-Dichloroethane-d4	4.941	65	273777	50.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.940%
32) Benzene-d6	4.957	84	859692	49.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.420%
36) 1,2-Dichloropropane-d6	5.986	67	273343	49.957	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.920%
41) Toluene-d8	7.239	98	747078	47.385	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.760%
43) trans-1,3-Dichloroprop...	7.551	79	110854	43.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.580%
47) 2-Hexanone-d5	8.024	63	173619	116.265	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.260%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	338468	51.005	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	277496	50.342	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.680%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	3147	0.755	ug/L #	24
27) 1,2-Dichloroethane	5.002	62	102868	17.111	ug/L #	73
33) Benzene	5.002	78	11254051	674.233	ug/L	100
35) Methylcyclohexane	5.986	83	63522	8.874	ug/L #	19
42) Toluene	7.317	91	81307	4.678	ug/L	96
48) 2-Hexanone	8.024	43	23279	6.616	ug/L #	71

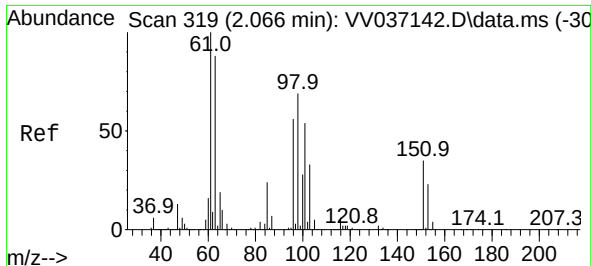
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 29 23:38:00 2024
Response via : Initial Calibration

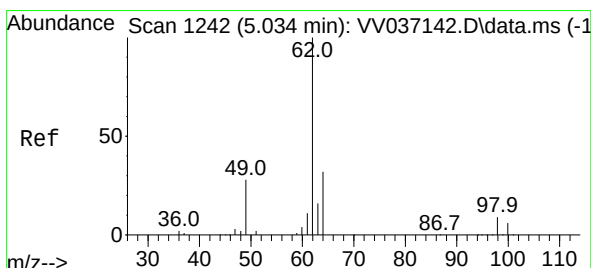
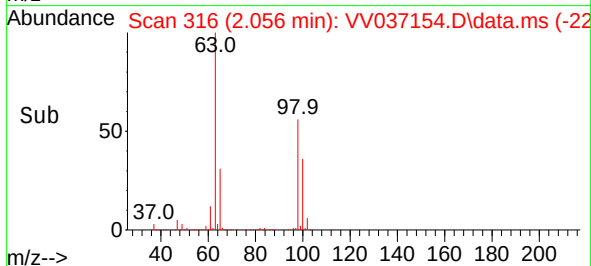
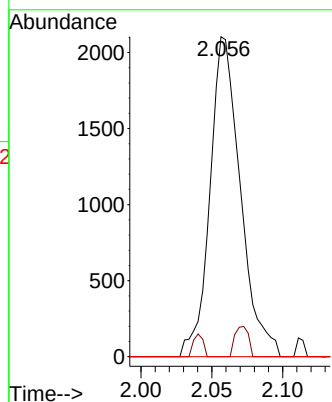
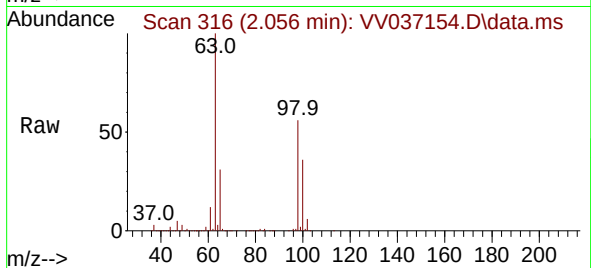




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.755 ug/L
RT: 2.056 min Scan# 319
Delta R.T. -0.010 min
Lab File: VV037154.D
Acq: 29 Aug 2024 14:01

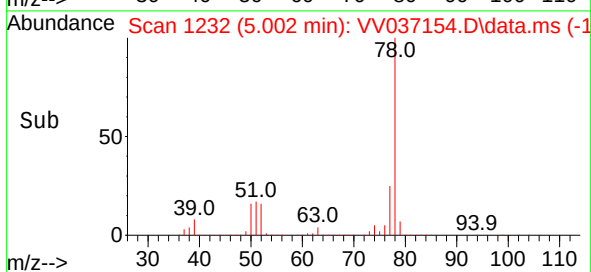
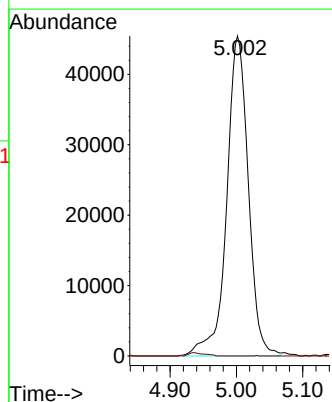
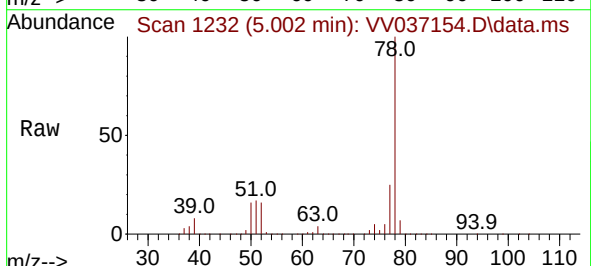
Instrument :
MSVOA_V
ClientSampleId :

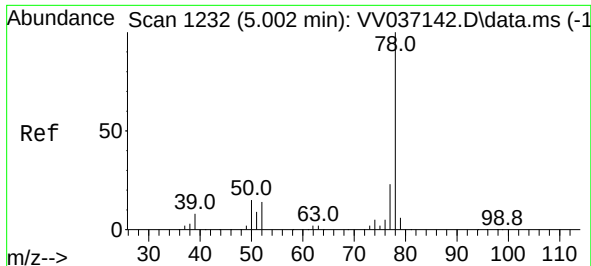
Tgt Ion:101 Resp: 3147
Ion Ratio Lower Upper
101 100
85 4.2 35.6 53.4#
151 0.0 55.0 82.4#



#27
1,2-Dichloroethane
Concen: 17.111 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.032 min
Lab File: VV037154.D
Acq: 29 Aug 2024 14:01

Tgt Ion: 62 Resp: 102868
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#





#33

Benzene

Concen: 674.233 ug/L

RT: 5.002 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037154.D

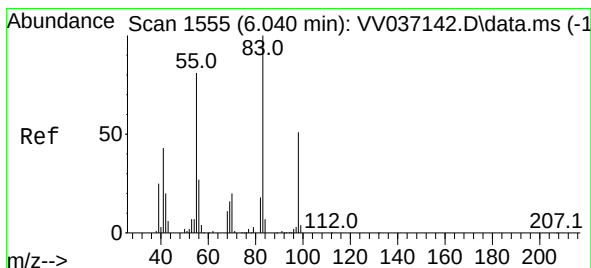
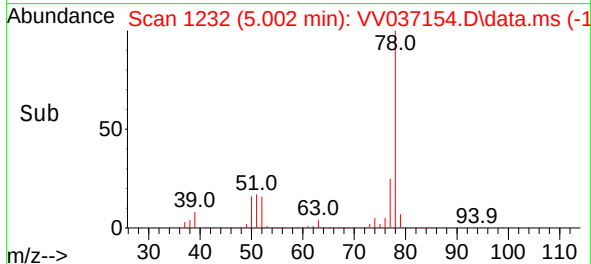
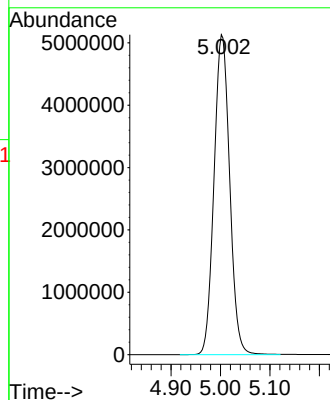
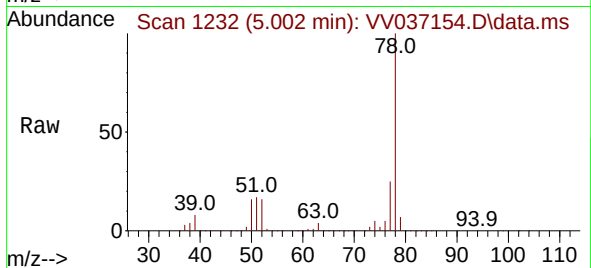
Acq: 29 Aug 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp:11254051



#35

Methylcyclohexane

Concen: 8.874 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV037154.D

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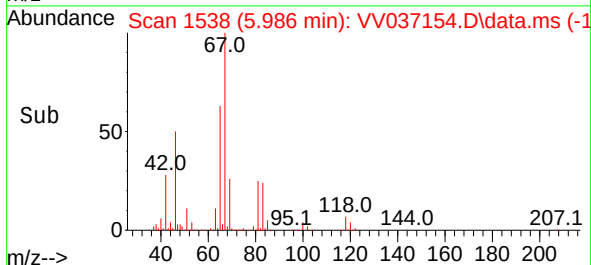
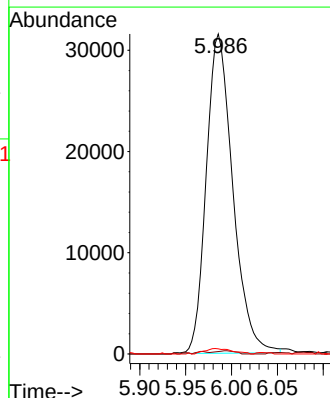
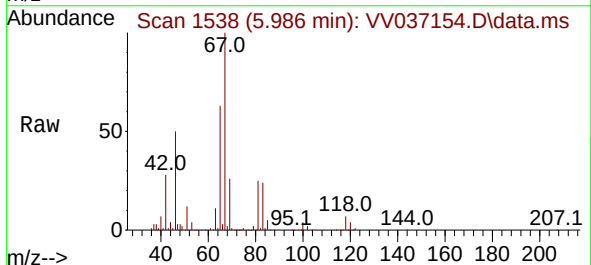
Tgt Ion: 83 Resp: 63522

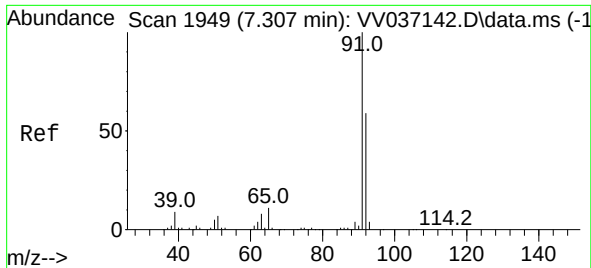
Ion Ratio Lower Upper

83 100

55 0.7 61.2 91.8#

98 1.0 39.3 58.9#





#42

Toluene

Concen: 4.678 ug/L

RT: 7.317 min Scan# 1949

Delta R.T. 0.010 min

Lab File: VV037154.D

Acq: 29 Aug 2024 14:01

Instrument :

MSVOA_V

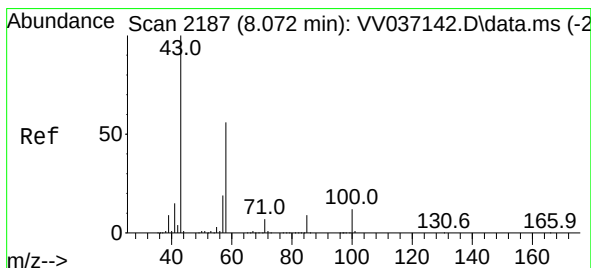
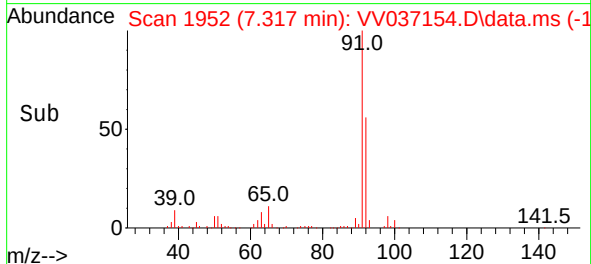
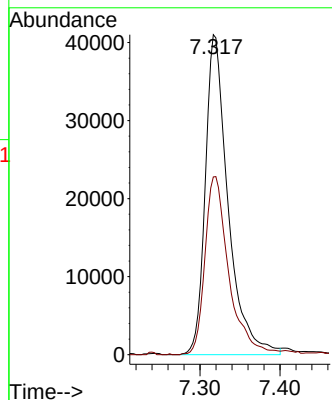
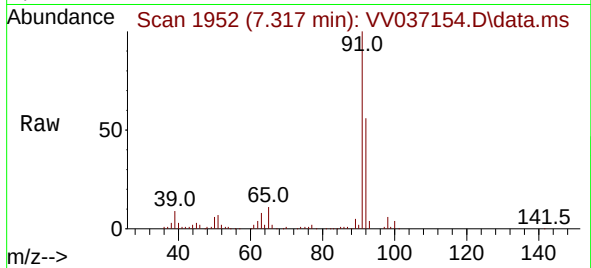
ClientSampleId :

Tgt Ion: 91 Resp: 81307

Ion Ratio Lower Upper

91 100

92 55.5 40.8 75.8



#48

2-Hexanone

Concen: 6.616 ug/L

RT: 8.024 min Scan# 2172

Delta R.T. -0.048 min

Lab File: VV037154.D

Acq: 29 Aug 2024 14:01

Tgt Ion: 43 Resp: 23279

Ion Ratio Lower Upper

43 100

58 35.7 46.0 69.0#

57 31.9 15.6 23.4#

100 2.2 10.6 16.0#

