

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037386.D
 Acq On : 19 Sep 2024 16:38
 Operator : SY/MD
 Sample : P3986-17 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 01:59:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:54:17 2024
 Response via : Initial Calibration

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

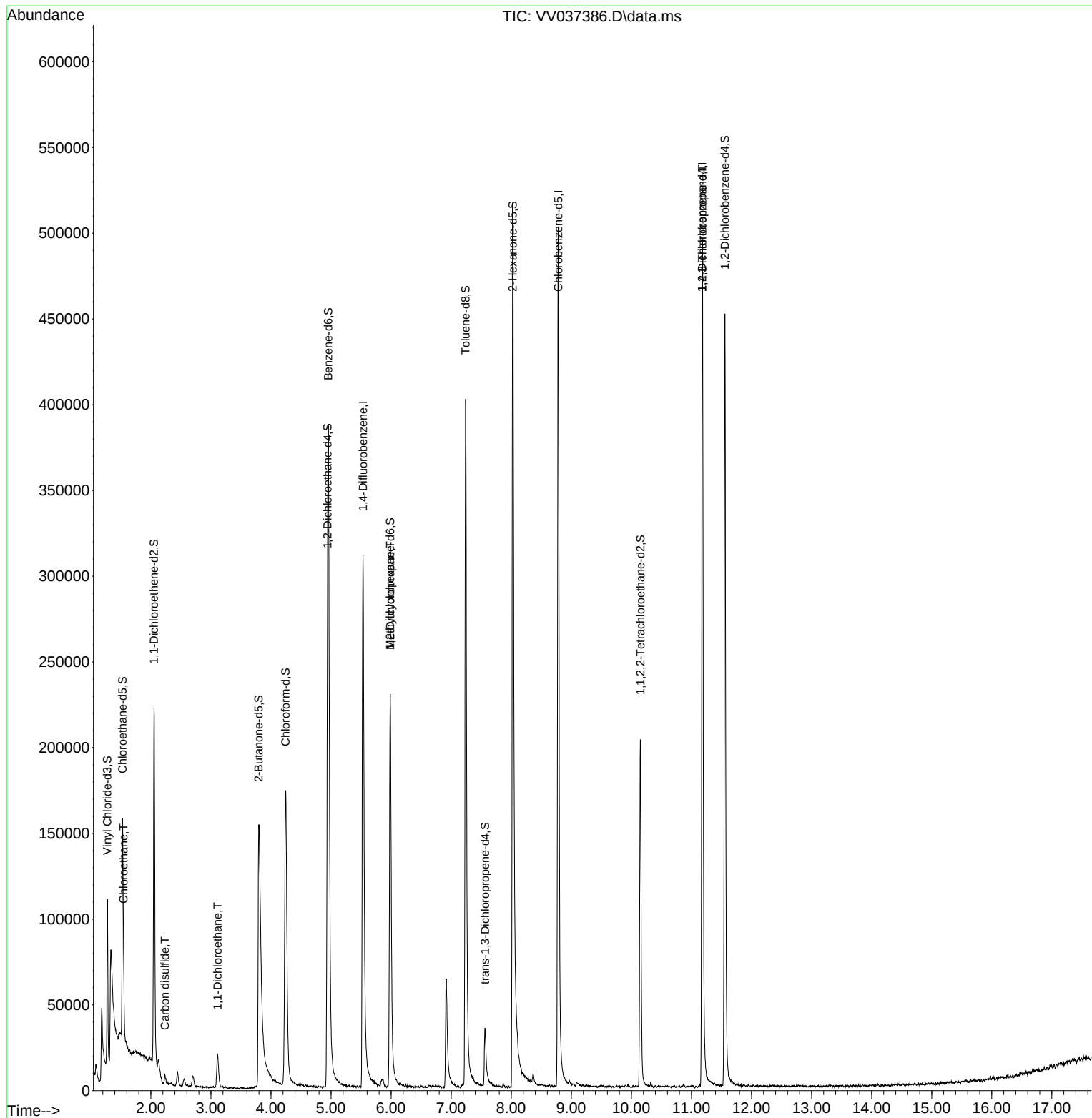
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	296366	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	299284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	135938	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	62442	3.591	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.529	69	78547	4.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.053	65	33684	3.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	3.796	46	258359	49.721	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.440%
24) Chloroform-d	4.243	84	194029	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.940	65	95206	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.953	84	358632	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	5.985	67	123676	4.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.239	98	290656	4.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.564	79	25768	3.139	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.800%
46) 2-Hexanone-d5	8.024	63	207896	51.839	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.680%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	104548	5.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	121124	5.012	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
8) Chloroethane	1.545	64	26401	1.521	ug/L	83
14) Carbon disulfide	2.233	76	7361	0.112	ug/L #	94
19) 1,1-Dichloroethane	3.111	63	21365	0.512	ug/L	98
35) Methylcyclohexane	5.985	83	29007	0.785	ug/L #	20
61) 1,2,3-Trichloropropane	11.181	75	16882	1.365	ug/L #	67

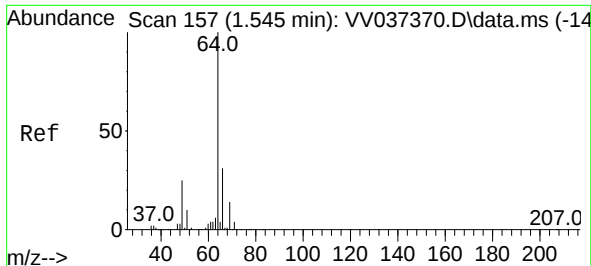
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 20 01:59:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:54:17 2024
Response via : Initial Calibration

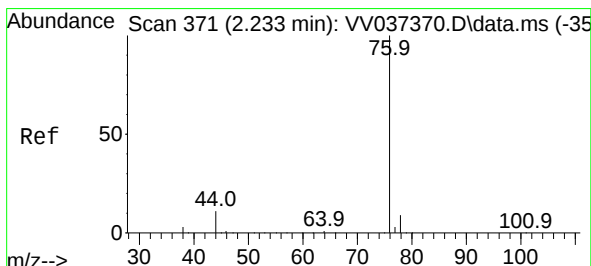
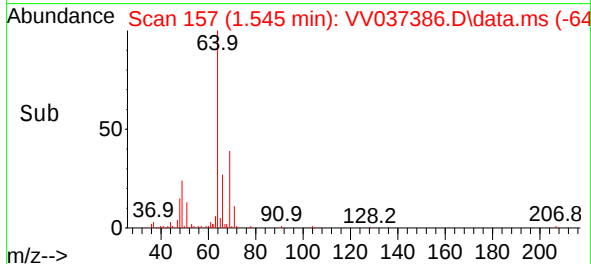
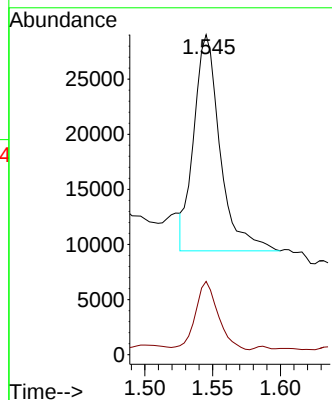
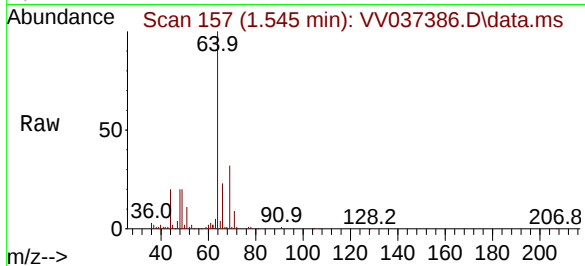




#8
Chloroethane
Concen: 1.521 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV037386.D
Acq: 19 Sep 2024 16:38

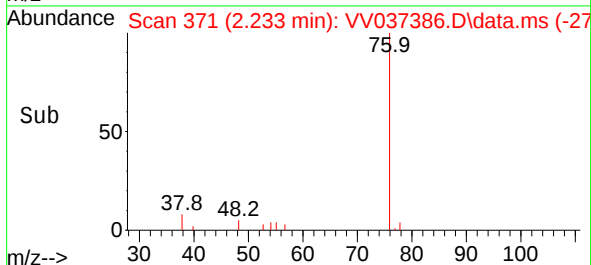
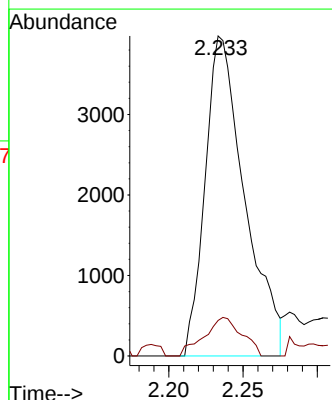
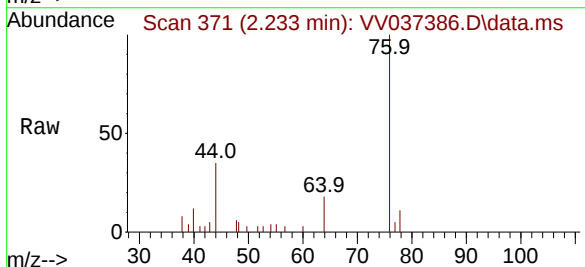
Instrument :
MSVOA_V
ClientSampleId :

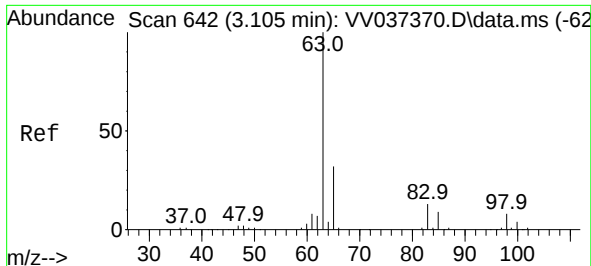
Tgt Ion: 64 Resp: 26401
Ion Ratio Lower Upper
64 100
66 22.9 22.7 42.1



#14
Carbon disulfide
Concen: 0.112 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV037386.D
Acq: 19 Sep 2024 16:38

Tgt Ion: 76 Resp: 7361
Ion Ratio Lower Upper
76 100
78 11.1 7.3 10.9#





#19

1,1-Dichloroethane

Concen: 0.512 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV037386.D

Acq: 19 Sep 2024 16:38

Instrument :

MSVOA_V

ClientSampleId :

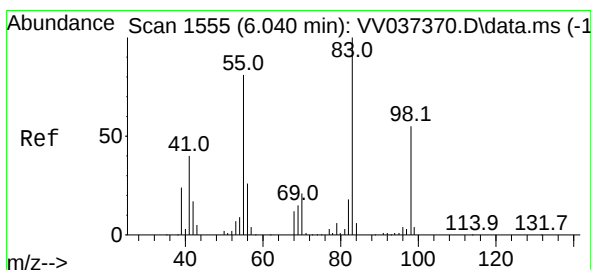
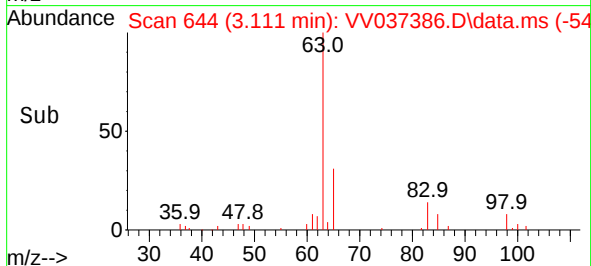
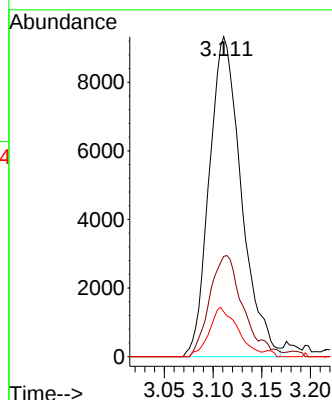
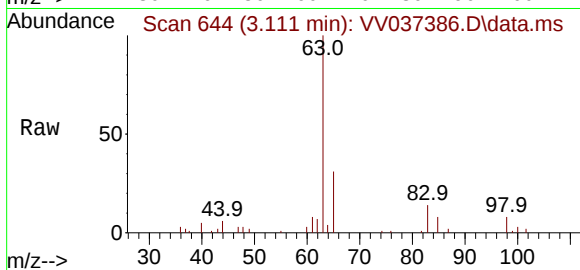
Tgt Ion: 63 Resp: 21365

Ion Ratio Lower Upper

63 100

65 31.4 22.5 41.7

83 14.0 8.9 16.5



#35

Methylcyclohexane

Concen: 0.785 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV037386.D

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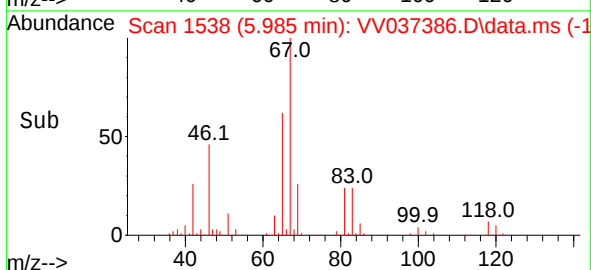
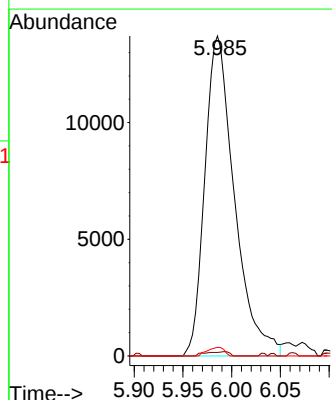
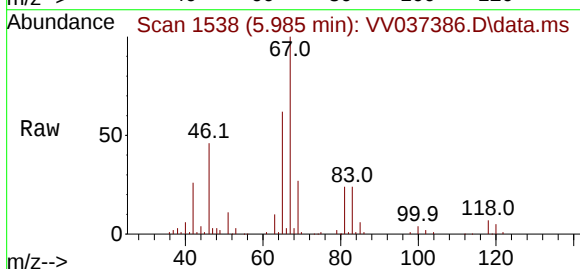
Tgt Ion: 83 Resp: 29007

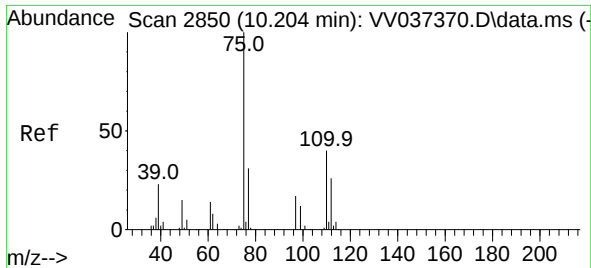
Ion Ratio Lower Upper

83 100

55 1.1 60.3 90.5#

98 1.5 38.2 57.4#





#61

1,2,3-Trichloropropane

Concen: 1.365 ug/L

RT: 11.181 min Scan# 31

Delta R.T. 0.977 min

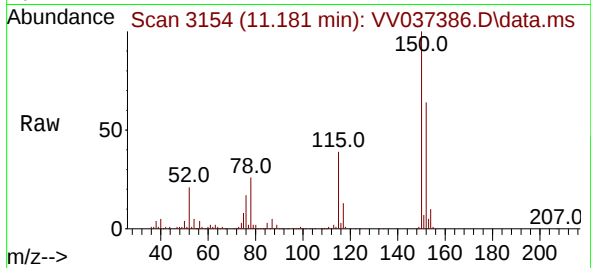
Lab File: VV037386.D

Acq: 19 Sep 2024 16:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 16882

Ion Ratio Lower Upper

75 100

77 32.8 25.6 38.4

110 2.8 31.0 46.4#

