

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037608.D
 Acq On : 27 Sep 2024 15:58
 Operator : SY/MD
 Sample : P4184-03DL 10X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 23:50:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

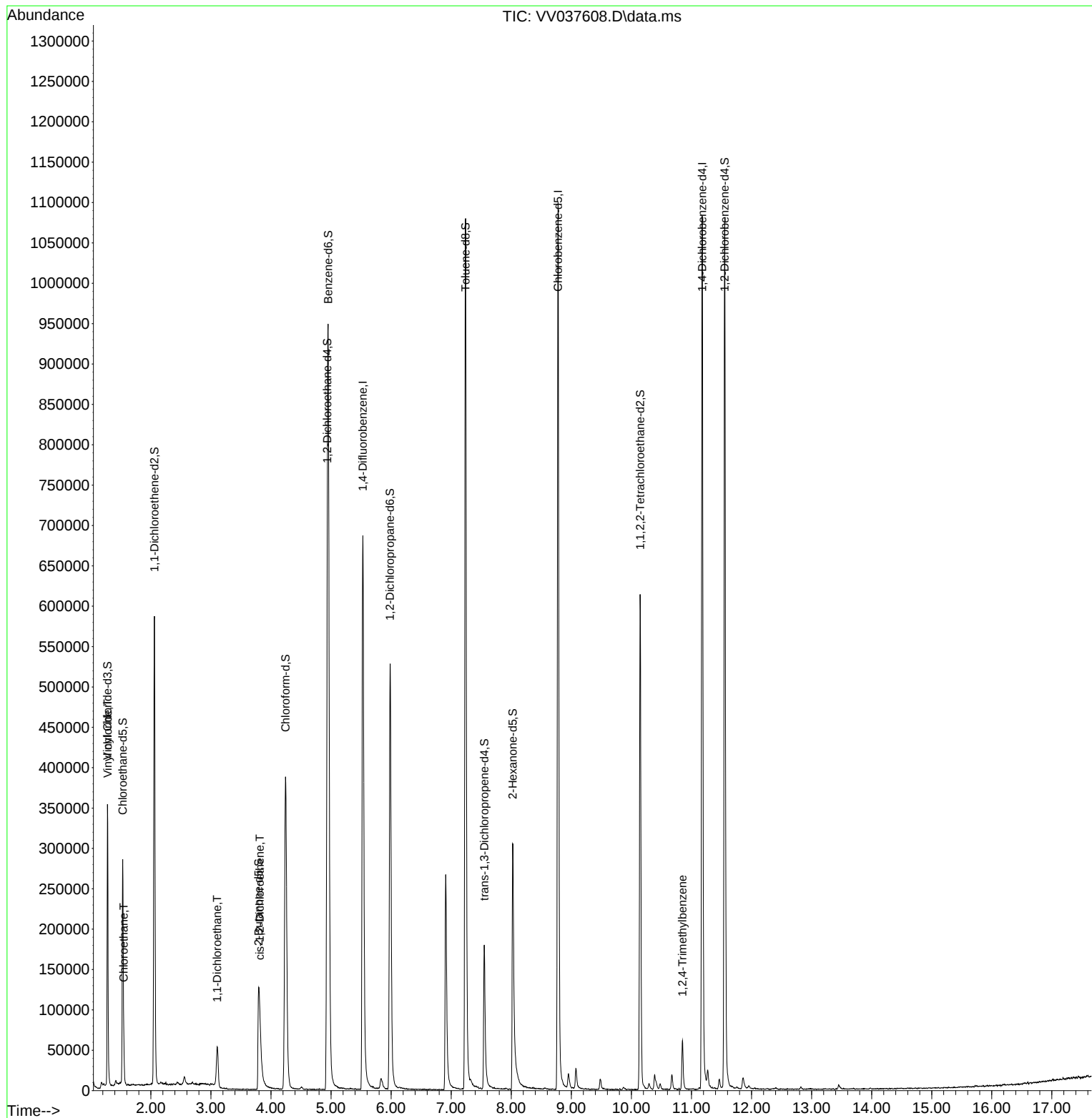
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	623438	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	607435	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	288419	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	225260	41.160	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.320%
7) Chloroethane-d5	1.532	69	181838	42.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.620%
11) 1,1-Dichloroethene-d2	2.060	65	99420	43.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.960%
21) 2-Butanone-d5	3.793	46	172240	88.360	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.360%
24) Chloroform-d	4.243	84	416395	42.765	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.540%
26) 1,2-Dichloroethane-d4	4.937	65	253419	44.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.940%
32) Benzene-d6	4.954	84	837601	44.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.140%
36) 1,2-Dichloropropane-d6	5.982	67	269473	44.521	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.040%
41) Toluene-d8	7.240	98	742229	43.063	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.120%
43) trans-1,3-Dichloroprop...	7.551	79	114591	40.755	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.520%
47) 2-Hexanone-d5	8.024	63	104637	81.871	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.870%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	299609	42.602	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	11.555	152	279965	46.065	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.140%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.282	62	8087	1.464	ug/L	# 36
8) Chloroethane	1.549	64	20549	6.035	ug/L	98
19) 1,1-Dichloroethane	3.105	63	46022	5.470	ug/L	97
20) cis-1,2-Dichloroethene	3.812	96	18341	3.733	ug/L	97
63) 1,2,4-Trimethylbenzene	10.850	105	36097	2.447	ug/L	97

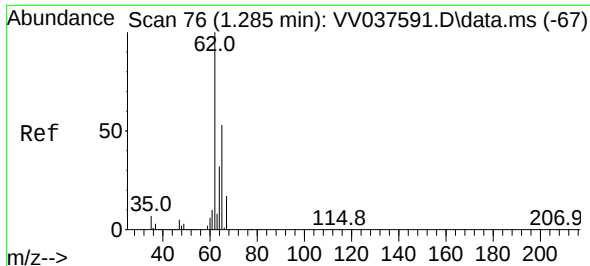
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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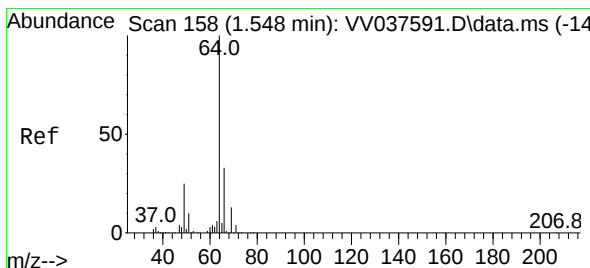
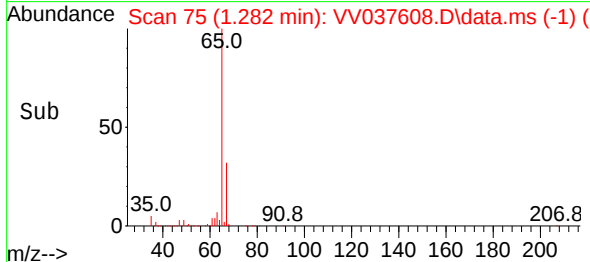
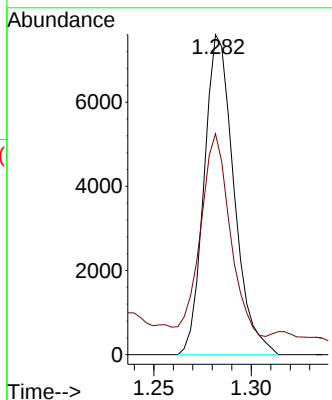
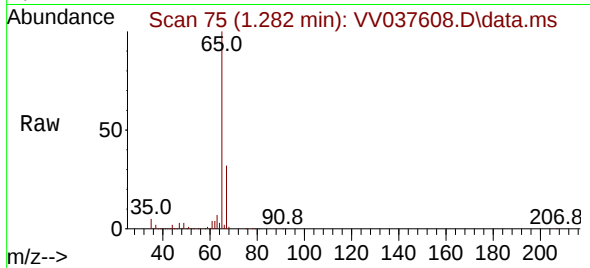




#5
 Vinyl chloride
 Concen: 1.464 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV037608.D
 Acq: 27 Sep 2024 15:58

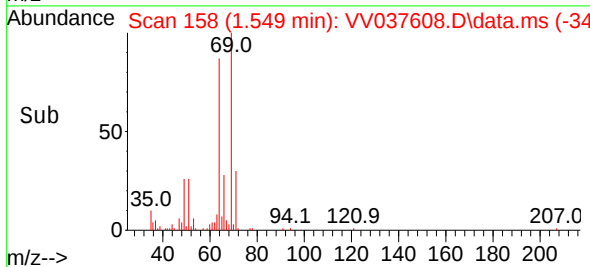
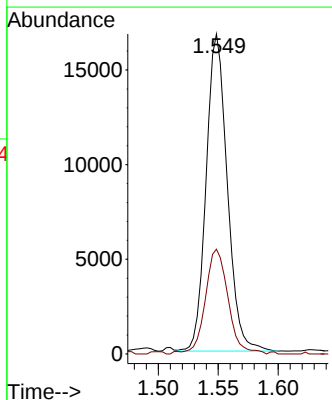
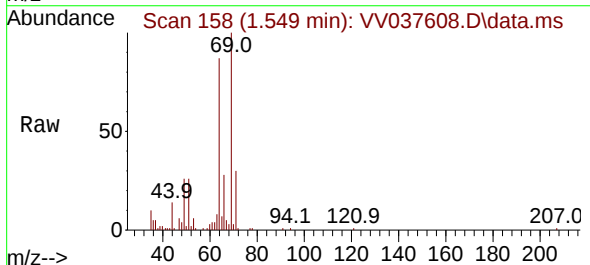
Instrument :
 MSVOA_V
 ClientSampleId :

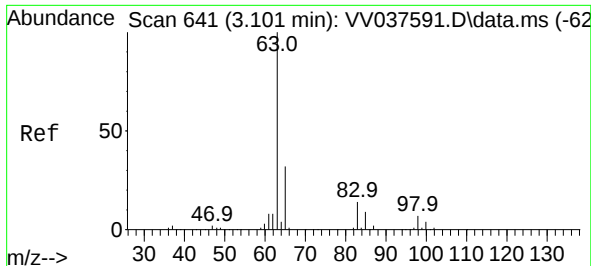
Tgt Ion: 62 Resp: 8087
 Ion Ratio Lower Upper
 62 100
 64 69.1 23.2 43.0#



#8
 Chloroethane
 Concen: 6.035 ug/L
 RT: 1.549 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VV037608.D
 Acq: 27 Sep 2024 15:58

Tgt Ion: 64 Resp: 20549
 Ion Ratio Lower Upper
 64 100
 66 32.8 22.2 41.2

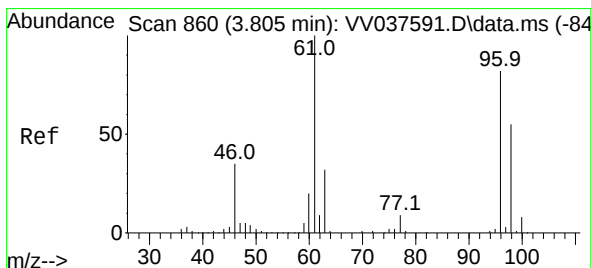
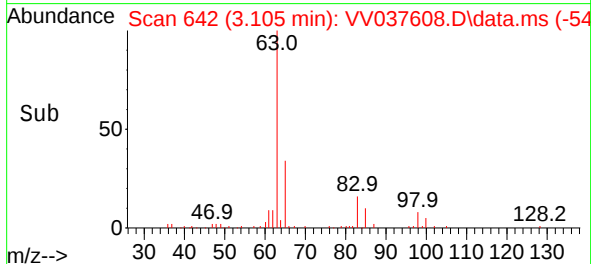
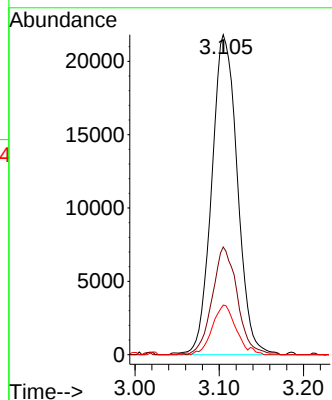
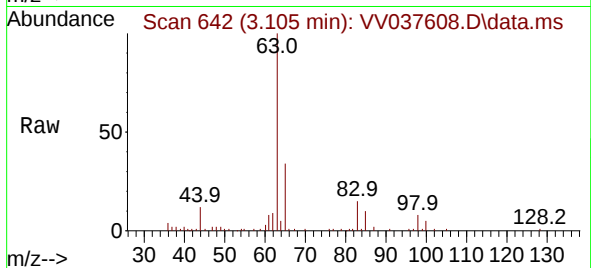




#19
1,1-Dichloroethane
Concen: 5.470 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037608.D
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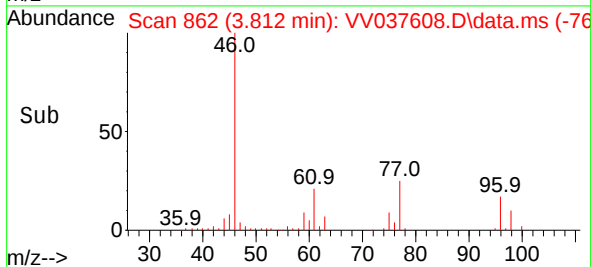
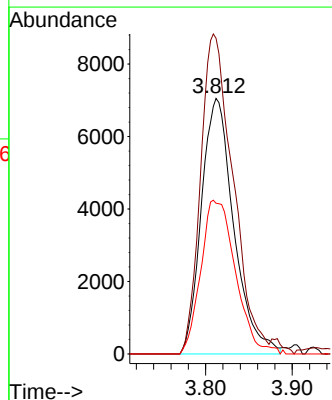
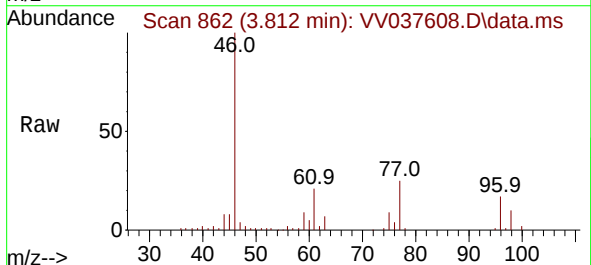
Instrument :
MSVOA_V
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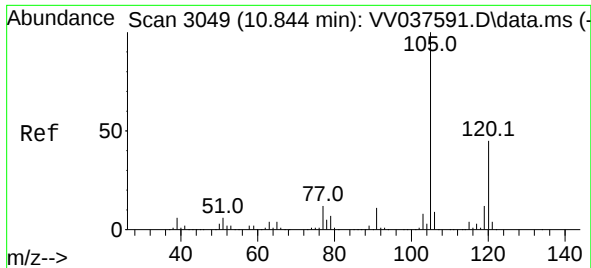
Tgt Ion: 63 Resp: 46022
Ion Ratio Lower Upper
63 100
65 33.6 22.4 41.6
83 15.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 3.733 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.007 min
Lab File: VV037608.D
Acq: 27 Sep 2024 15:58

Tgt Ion: 96 Resp: 18341
Ion Ratio Lower Upper
96 100
61 123.6 85.0 157.8
98 59.0 44.2 82.0





#63

1,2,4-Trimethylbenzene

Concen: 2.447 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.007 min

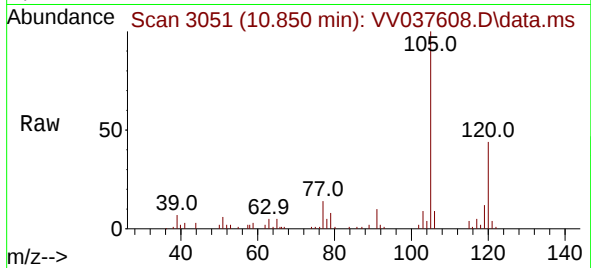
Lab File: VV037608.D

Acq: 27 Sep 2024 15:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:105 Resp: 36097

Ion Ratio Lower Upper

105 100

120 43.5 36.2 54.2

