

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 :
 EY031DL

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

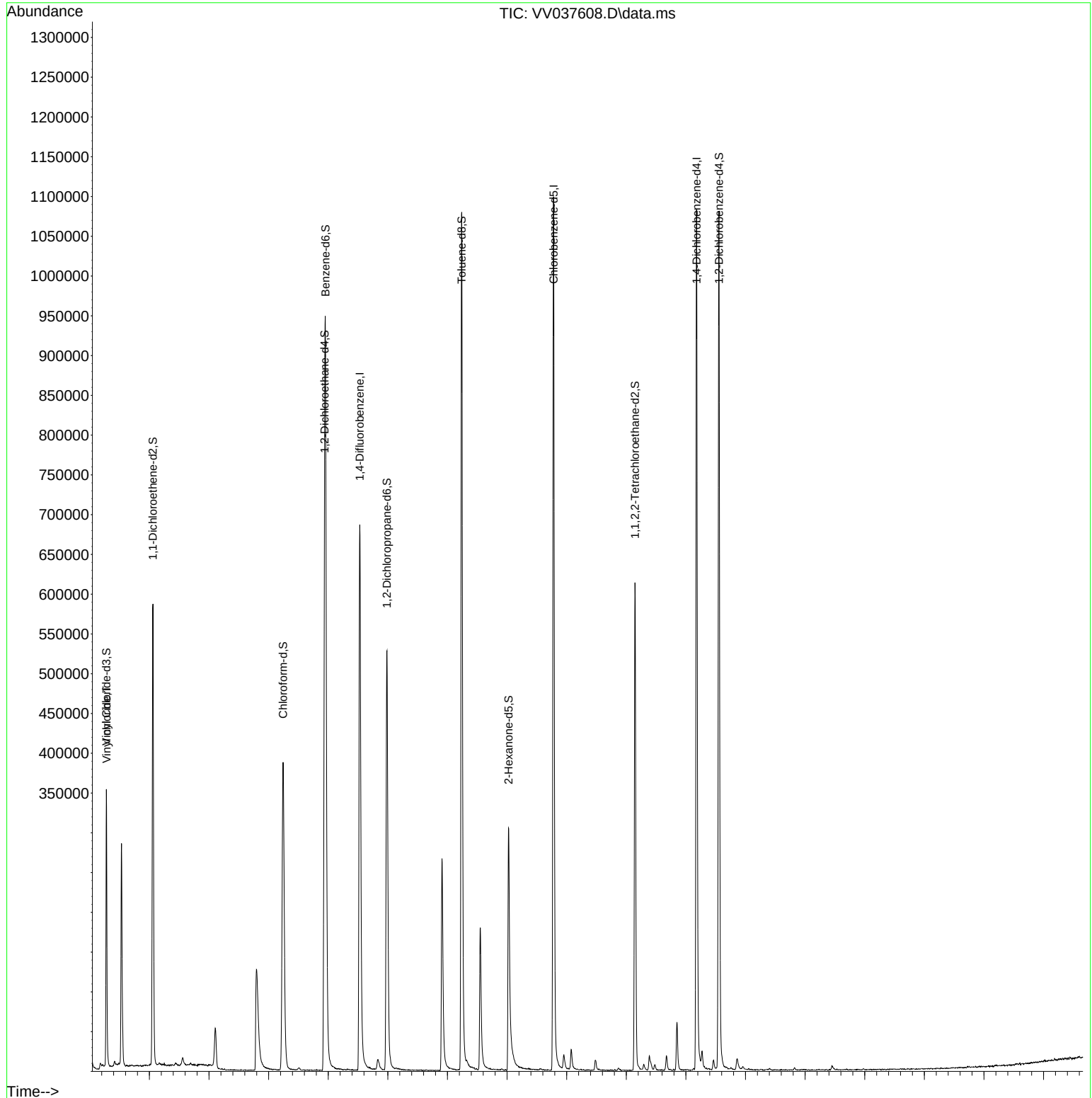
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	623438	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	607435	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	288419	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	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						
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

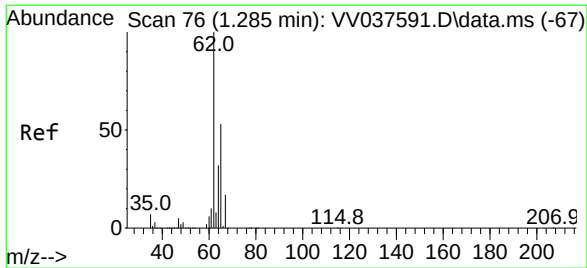
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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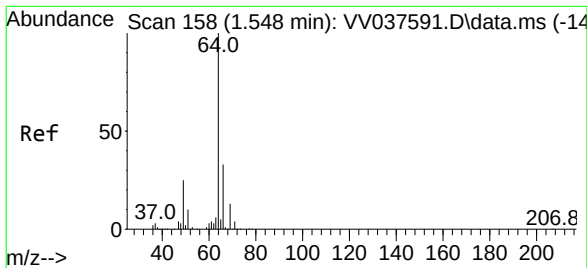
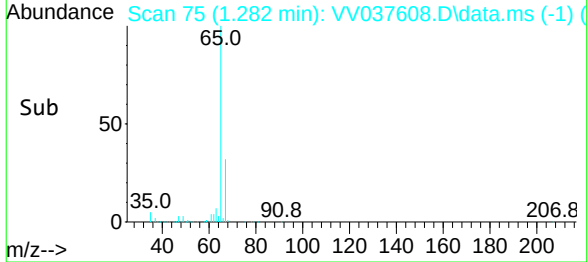
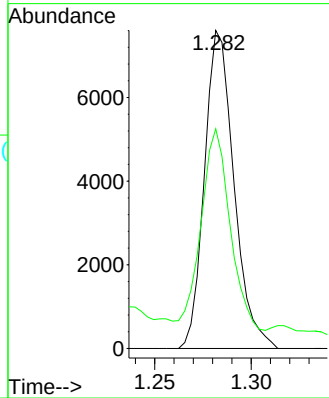
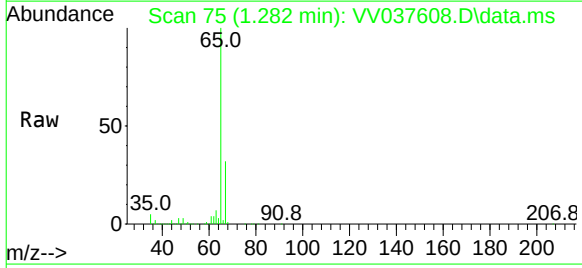




#5
Vinyl chloride
Concen: 1.464 ug/L
RT: 1.282 min Scan# 75
Delta R.T. -0.003 min
Lab File: VV037608.D
Acq: 27 Sep 2024 15:58

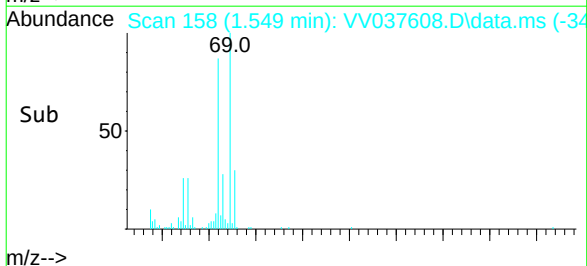
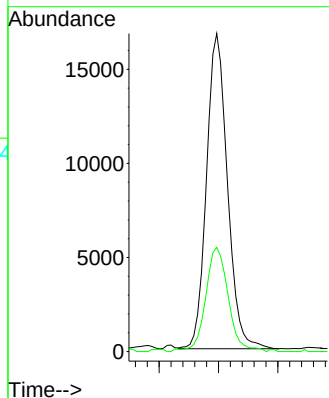
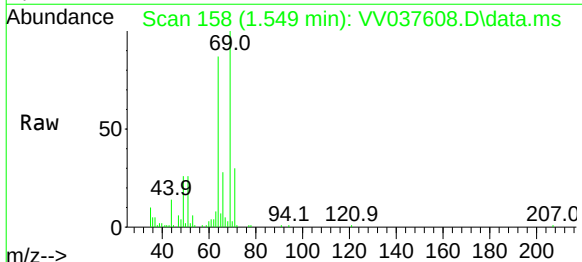
Instrument :
MSVOA_V
ClientSampleId :
EY031DL

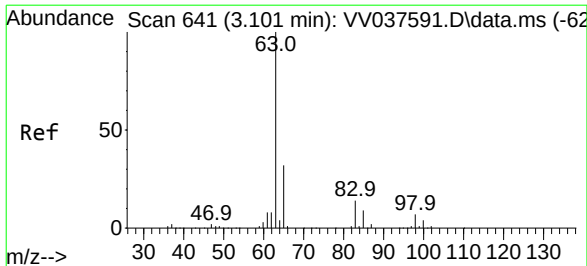
Tgt Ion: 62 Resp: 8087
Ion Ratio Lower Upper
62 100
64 69.1 23.2 43.0#



#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

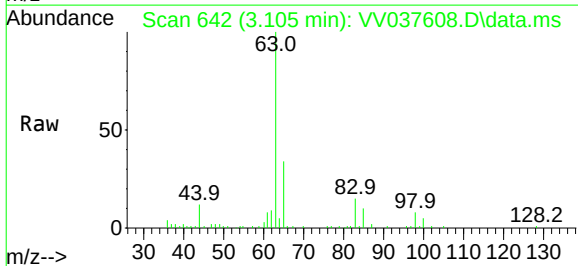
Tgt Ion: 64 Resp: 20549
Ion Ratio Lower Upper
64 100
66 32.8 22.2 41.2



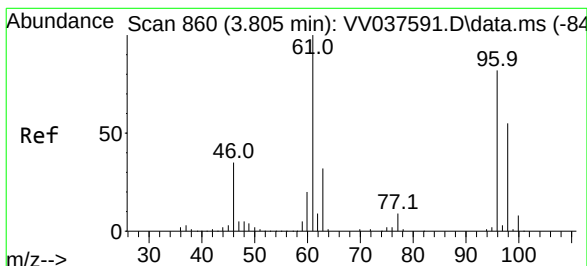
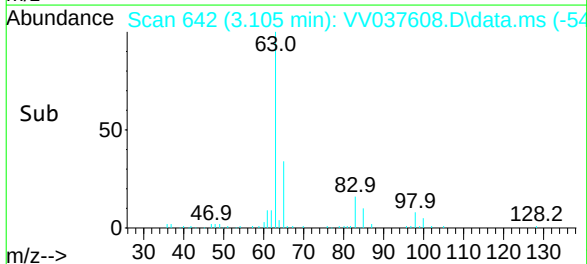
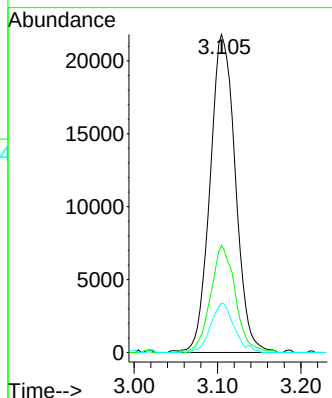


#19
1,1-Dichloroethane
Concen: 5.470 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037608.D
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Instrument :
MSVOA_V
ClientSampleId :
EY031DL

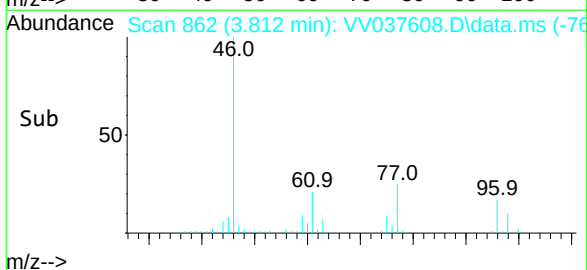
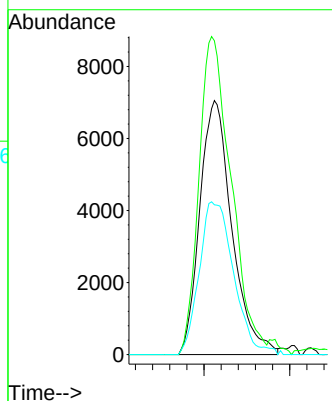
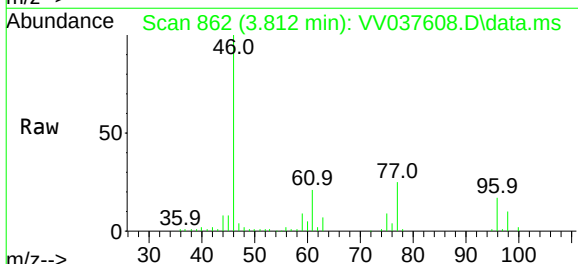


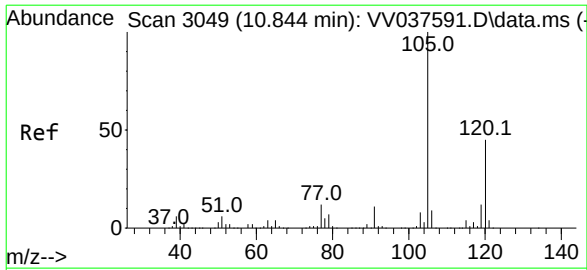
Tgt Ion:	63	Resp:	46022
Ion	Ratio	Lower	Upper
63	100		
65	33.6	22.4	41.6
83	15.5	9.5	17.7



#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

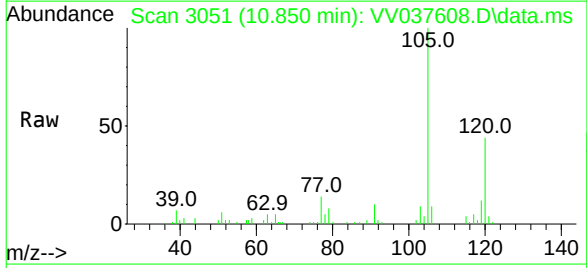
Tgt Ion:	96	Resp:	18341
Ion	Ratio	Lower	Upper
96	100		
61	123.6	85.0	157.8
98	59.0	44.2	82.0





#63
1,2,4-Trimethylbenzene
Concen: 2.447 ug/L
RT: 10.850 min Scan# 30
Delta R.T. 0.007 min
Lab File: VV037608.D
Acq: 27 Sep 2024 15:58

Instrument :
MSVOA_V
ClientSampleId :
EY031DL



Tgt Ion:105 Resp: 36097
Ion Ratio Lower Upper
105 100
120 43.5 36.2 54.2

