

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037470.D
 Acq On : 23 Sep 2024 10:54
 Operator : SY/MD
 Sample : P4106-05
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SY0

Quant Time: Sep 24 03:57:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:56:17 2024
 Response via : Initial Calibration

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

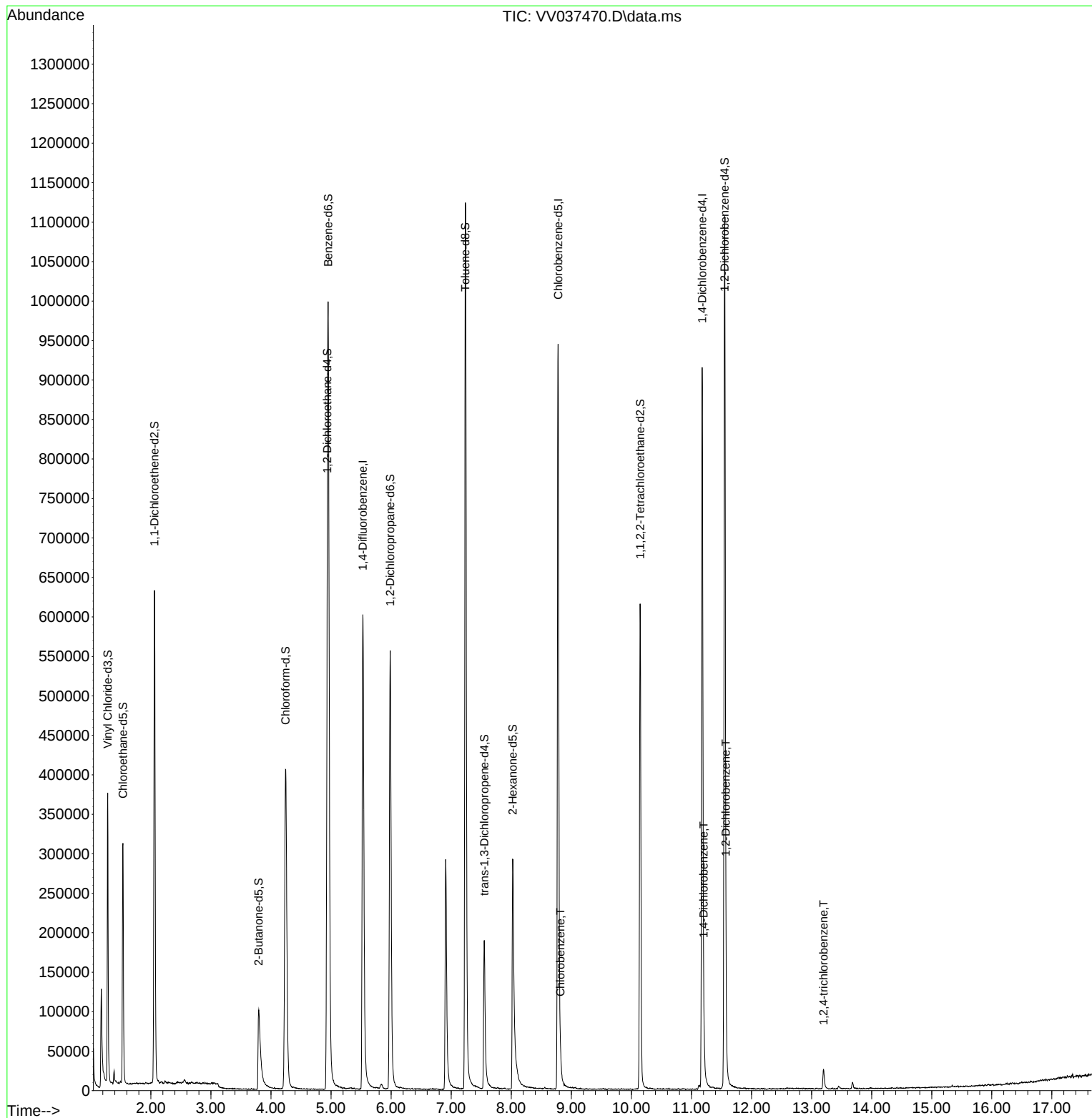
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	541927	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	528847	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	239100	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	245286	49.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.960%
7) Chloroethane-d5	1.536	69	203781	53.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.380%
11) 1,1-Dichloroethene-d2	2.060	65	105820	50.788	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.580%
21) 2-Butanone-d5	3.796	46	174557	90.928	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.930%
24) Chloroform-d	4.243	84	443338	57.141	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.280%
26) 1,2-Dichloroethane-d4	4.937	65	264454	54.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.260%
32) Benzene-d6	4.953	84	895901	56.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.180%
36) 1,2-Dichloropropane-d6	5.986	67	283357	56.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.280%
41) Toluene-d8	7.236	98	763840	52.986	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.980%
43) trans-1,3-Dichloroprop...	7.551	79	117006	50.551	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.100%
47) 2-Hexanone-d5	8.024	63	101845	74.589	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.590%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	308274	50.806	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.620%
66) 1,2-Dichlorobenzene-d4	11.554	152	280665	58.610	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.220%
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.818	112	22369	2.126	ug/L	96
65) 1,4-Dichlorobenzene	11.204	146	17651	2.409	ug/L	95
67) 1,2-Dichlorobenzene	11.574	146	21214	3.014	ug/L	92
70) 1,2,4-trichlorobenzene	13.201	180	8249	1.759	ug/L	96

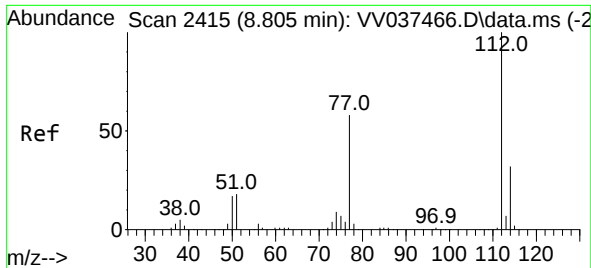
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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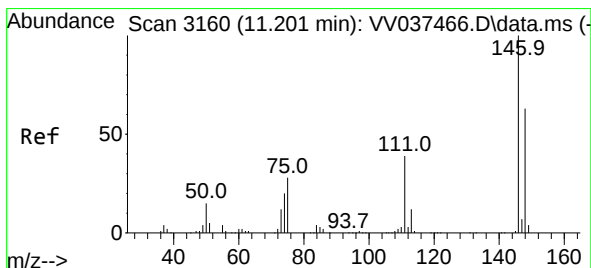
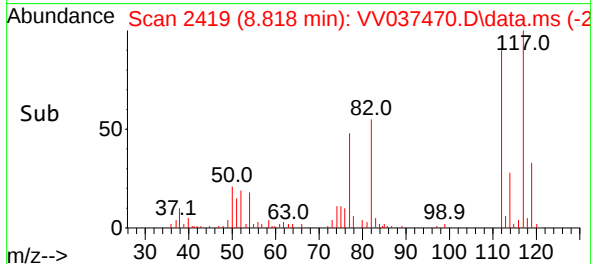
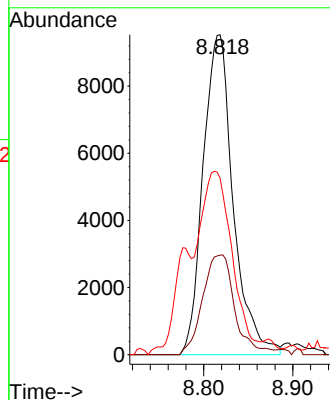
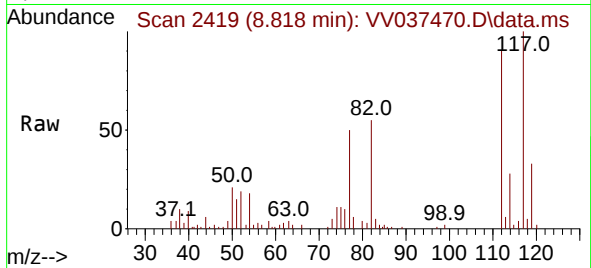




#51
Chlorobenzene
Concen: 2.126 ug/L
RT: 8.818 min Scan# 2415
Delta R.T. 0.013 min
Lab File: VV037470.D
Acq: 23 Sep 2024 10:54

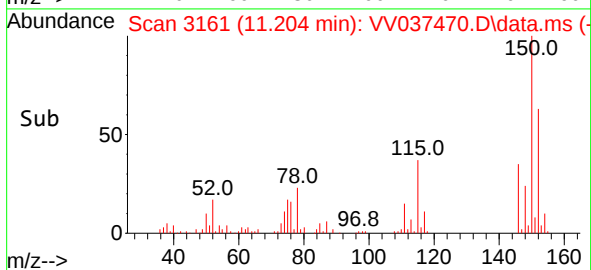
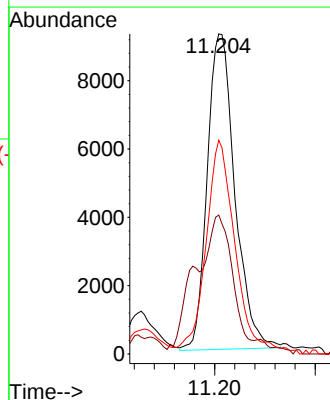
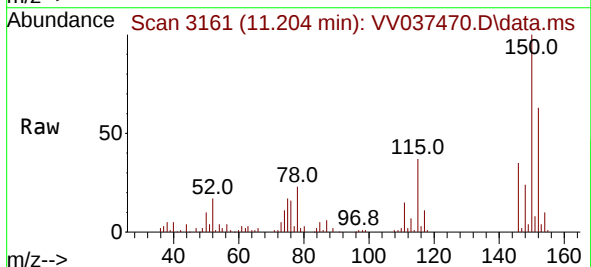
Instrument :
MSVOA_V
ClientSampleId :
C0SY0

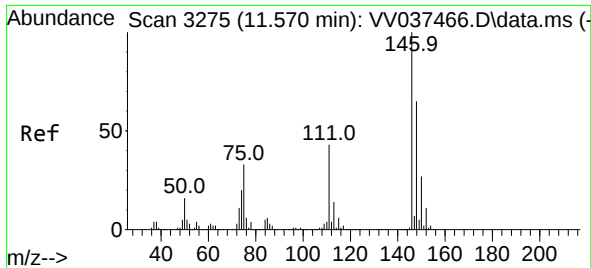
Tgt Ion:112 Resp: 22369
Ion Ratio Lower Upper
112 100
114 31.1 22.3 41.5
77 55.2 47.8 71.8



#65
1,4-Dichlorobenzene
Concen: 2.409 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV037470.D
Acq: 23 Sep 2024 10:54

Tgt Ion:146 Resp: 17651
Ion Ratio Lower Upper
146 100
111 43.4 28.1 52.1
148 66.8 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 3.014 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV037470.D

Acq: 23 Sep 2024 10:54

Instrument :

MSVOA_V

ClientSampleId :

C0SY0

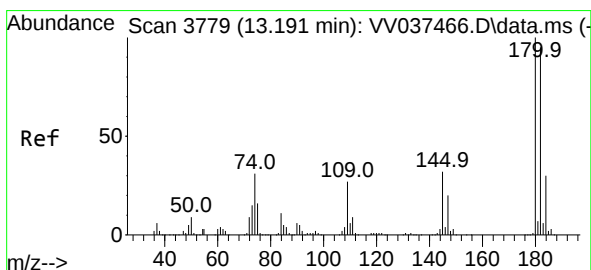
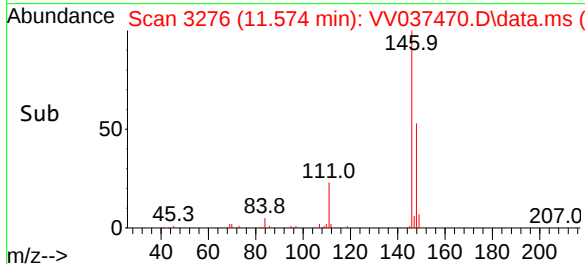
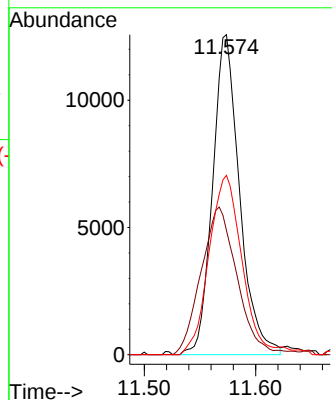
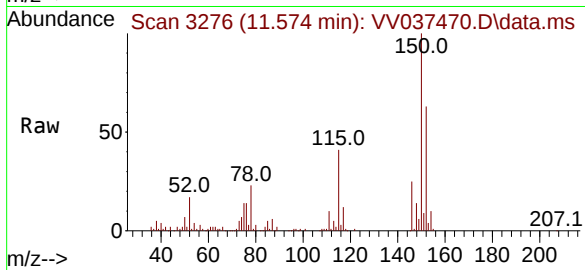
Tgt Ion:146 Resp: 21214

Ion Ratio Lower Upper

146 100

111 38.8 34.6 51.8

148 56.1 50.2 75.4



#70

1,2,4-trichlorobenzene

Concen: 1.759 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.010 min

Lab File: VV037470.D

Acq: 23 Sep 2024 10:54

Tgt Ion:180 Resp: 8249

Ion Ratio Lower Upper

180 100

182 98.3 75.7 113.5

145 29.6 26.0 39.0

