

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
 Data File : VX040999.D
 Acq On : 12 Apr 2024 00:43
 Operator : JC/MD
 Sample : P2049-04 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MC0RC2

Quant Time: Apr 12 01:49:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

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

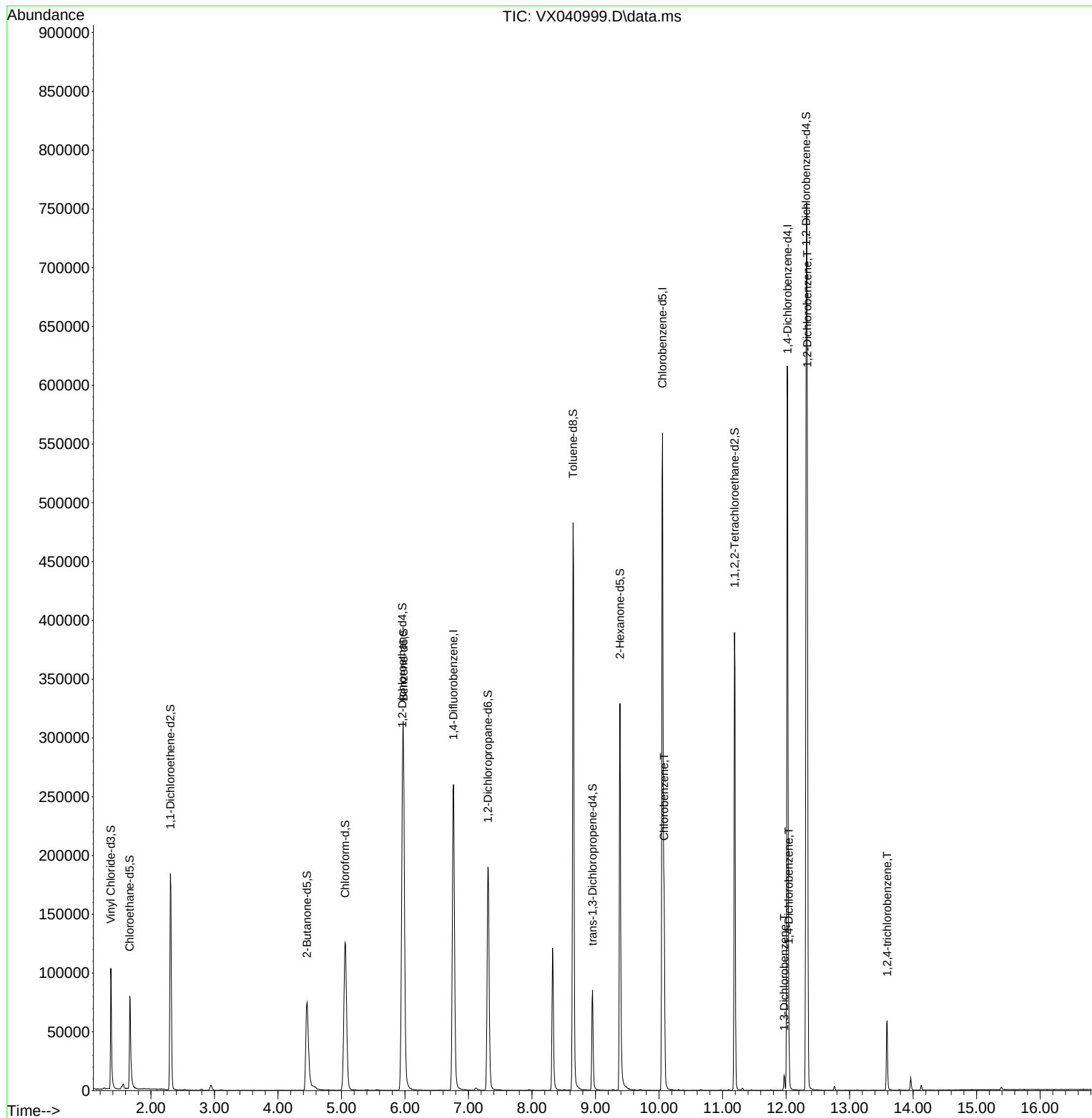
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	283759	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	269398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141920	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	75082	37.201	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.400%
7) Chloroethane-d5	1.666	69	67624	41.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.160%
11) 1,1-Dichloroethene-d2	2.306	65	33277	38.618	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.240%
21) 2-Butanone-d5	4.458	46	133412	121.349	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.350%
24) Chloroform-d	5.056	84	162857	43.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.500%
26) 1,2-Dichloroethane-d4	5.958	65	108890	44.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.900%
32) Benzene-d6	5.976	84	322574	44.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.220%
36) 1,2-Dichloropropane-d6	7.305	67	97076	45.511	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.020%
41) Toluene-d8	8.646	98	295724	41.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.780%
43) trans-1,3-Dichloroprop...	8.951	79	41802	38.943	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.880%
47) 2-Hexanone-d5	9.384	63	88553	98.467	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.470%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	148693	47.059	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.120%
66) 1,2-Dichlorobenzene-d4	12.316	152	135814	47.706	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.420%
Target Compounds						
					Qvalue	
51) Chlorobenzene	10.079	112	74819	13.793	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	4792	1.101	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	20523	4.592	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	168945	40.004	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	16896	5.348	ug/L	99

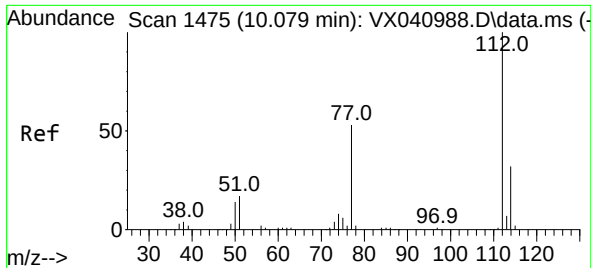
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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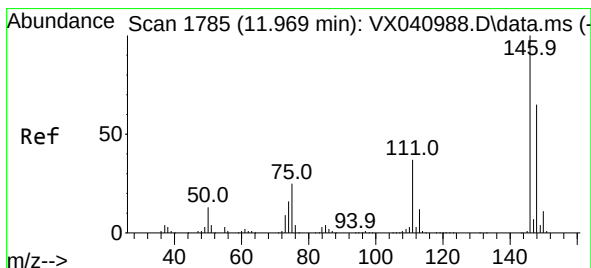
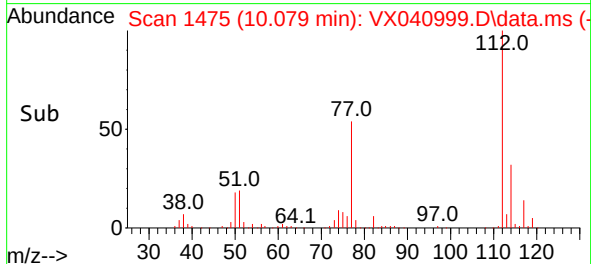
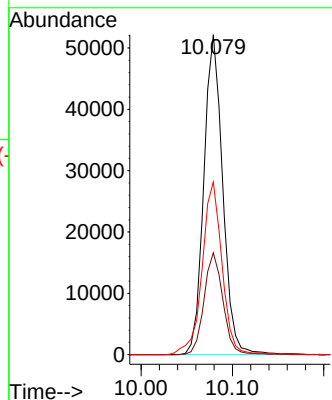
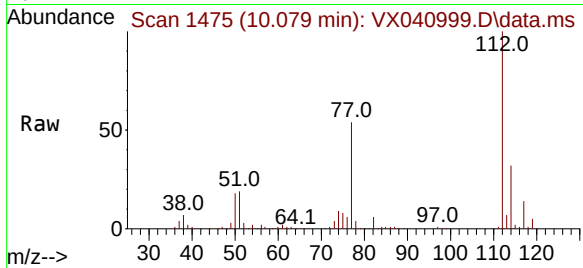




#51
Chlorobenzene
Concen: 13.793 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040999.D
Acq: 12 Apr 2024 00:43

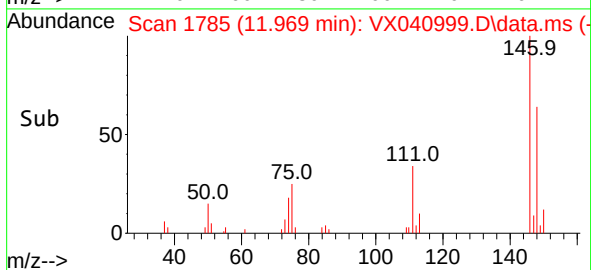
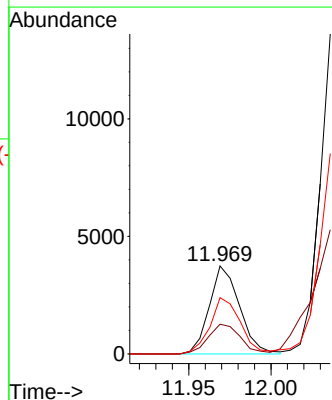
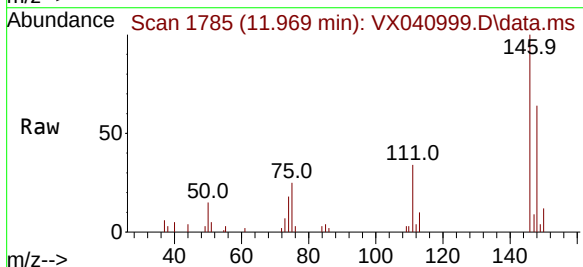
Instrument :
MSVOA_X
ClientSampleId :
MC0RC2

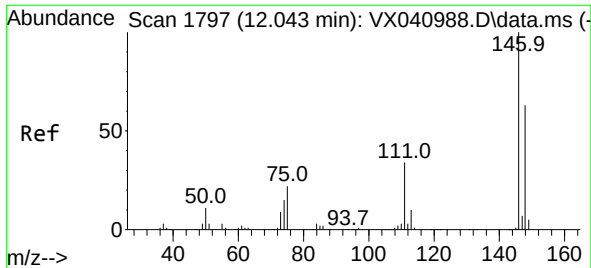
Tgt Ion:112 Resp: 74819
Ion Ratio Lower Upper
112 100
114 31.9 23.0 42.8
77 53.9 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 1.101 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040999.D
Acq: 12 Apr 2024 00:43

Tgt Ion:146 Resp: 4792
Ion Ratio Lower Upper
146 100
111 33.8 25.3 47.1
148 64.1 44.7 82.9

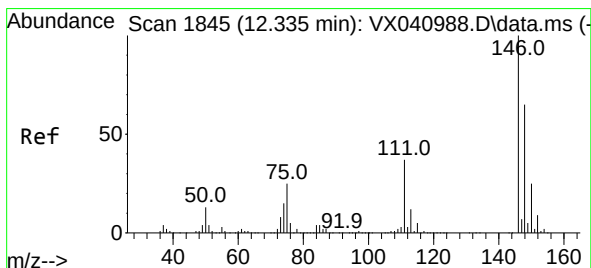
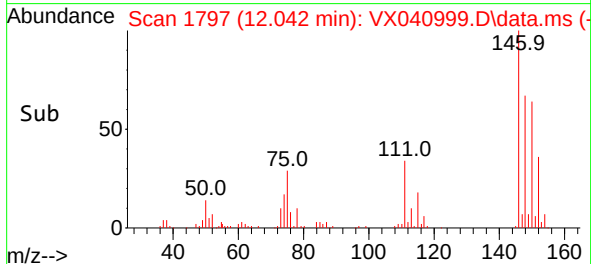
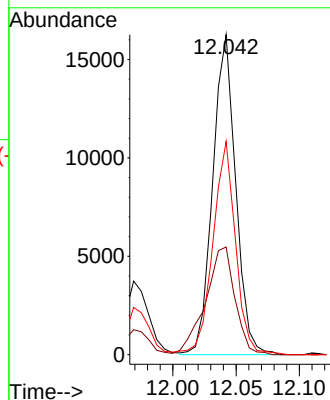
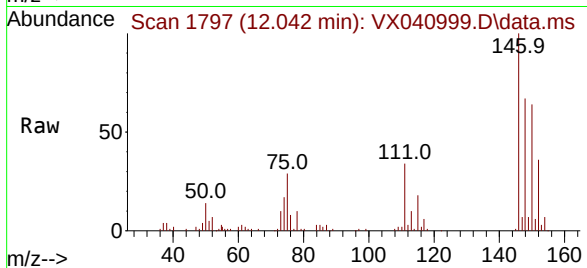




#65
1,4-Dichlorobenzene
Concen: 4.592 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040999.D
Acq: 12 Apr 2024 00:43

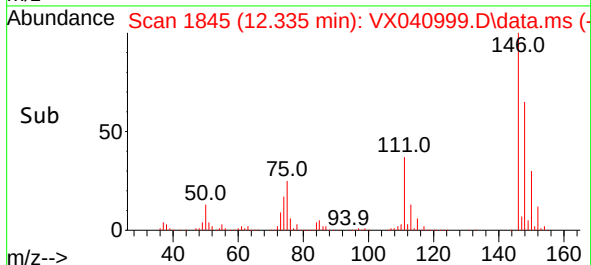
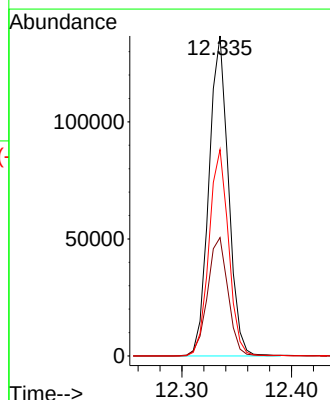
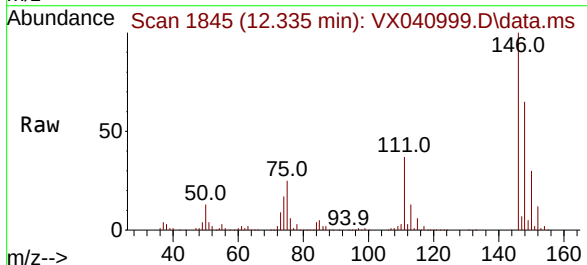
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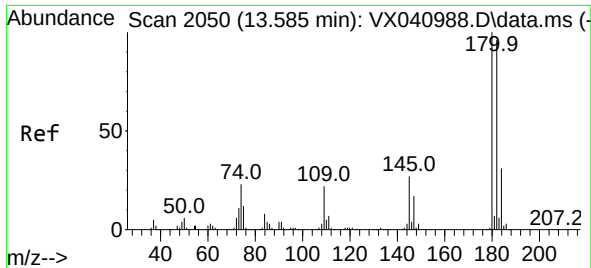
Tgt Ion:146 Resp: 20523
Ion Ratio Lower Upper
146 100
111 33.6 23.4 43.6
148 66.7 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 40.004 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040999.D
Acq: 12 Apr 2024 00:43

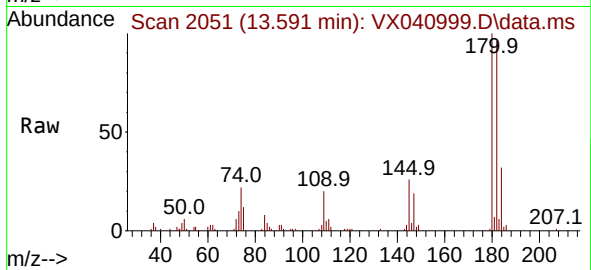
Tgt Ion:146 Resp: 168945
Ion Ratio Lower Upper
146 100
111 37.0 31.8 47.8
148 64.5 53.2 79.8





#70
 1,2,4-trichlorobenzene
 Concen: 5.348 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX040999.D
 Acq: 12 Apr 2024 00:43

Instrument :
 MSVOA_X
 ClientSampleId :
 MC0RC2



Tgt Ion:	180	Resp:	16896
Ion Ratio	Lower	Upper	
180	100		
182	97.6	76.8	115.2
145	27.5	22.3	33.5

