

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035193.D
 Acq On : 20 Apr 2023 00:44
 Operator : JC/MD
 Sample : 02378-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK4

Quant Time: Apr 20 05:09:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

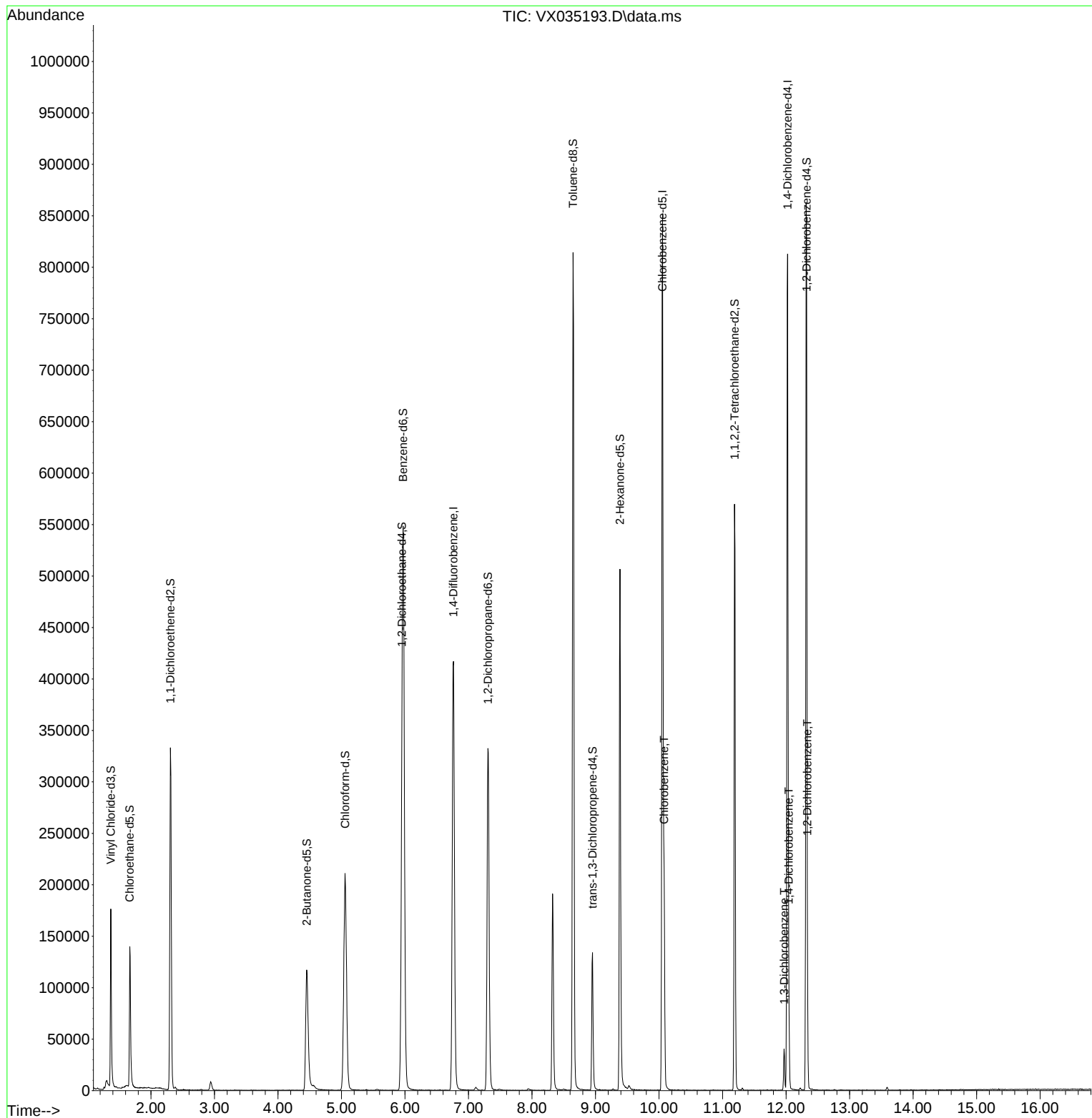
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	442519	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	379205	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	171123	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	117886	41.315	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.620%
7) Chloroethane-d5	1.666	69	99966	48.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.960%
11) 1,1-Dichloroethene-d2	2.306	65	60743	44.491	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.980%
21) 2-Butanone-d5	4.452	46	208564	109.685	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.690%
24) Chloroform-d	5.056	84	265813	49.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.940%
26) 1,2-Dichloroethane-d4	5.952	65	177123	51.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.660%
32) Benzene-d6	5.970	84	558735	51.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.580%
36) 1,2-Dichloropropane-d6	7.306	67	173143	52.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.060%
41) Toluene-d8	8.647	98	484612	48.678	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.360%
43) trans-1,3-Dichloroprop...	8.952	79	63285	43.520	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.040%
47) 2-Hexanone-d5	9.384	63	146217	109.426	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.430%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	219348	53.827	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.660%
66) 1,2-Dichlorobenzene-d4	12.323	152	175113	52.806	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.620%
Target Compounds						Qvalue
51) Chlorobenzene	10.079	112	90622	11.545	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	12784	2.409	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	32143	5.919	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	22432	4.169	ug/L	97

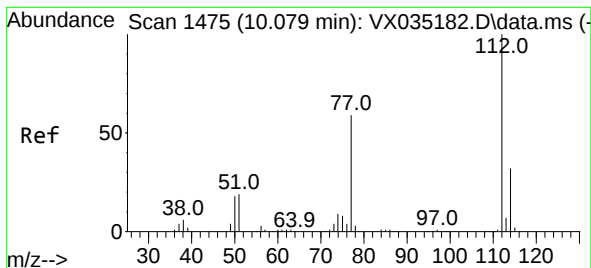
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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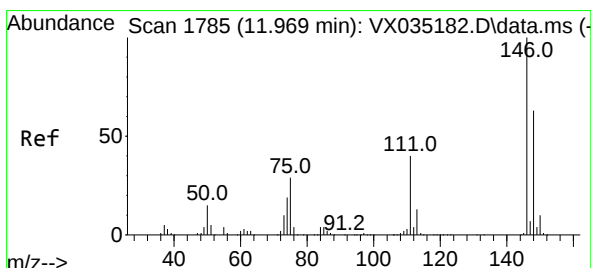
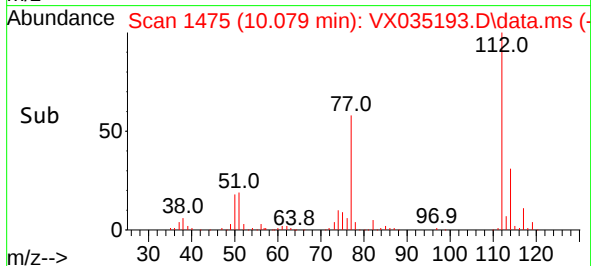
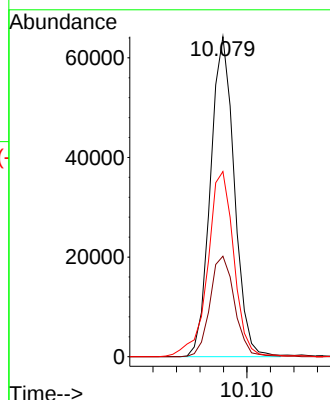
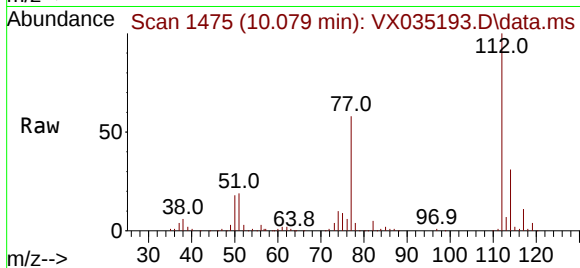




#51
Chlorobenzene
Concen: 11.545 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035193.D
Acq: 20 Apr 2023 00:44

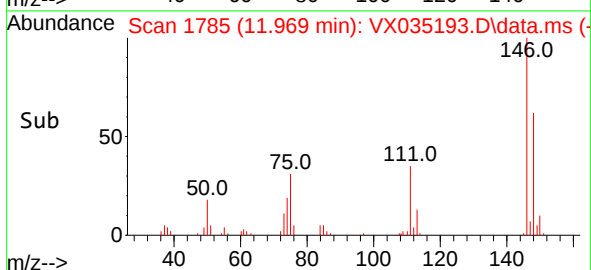
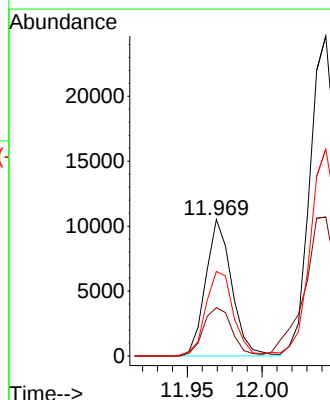
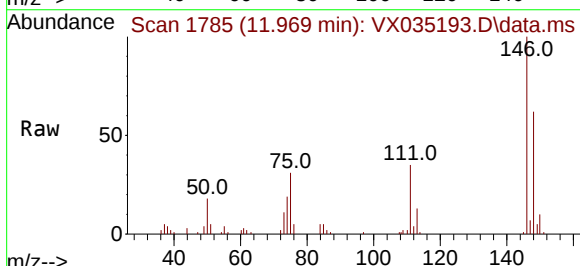
Instrument :
MSVOA_X
ClientSampleId :
COMK4

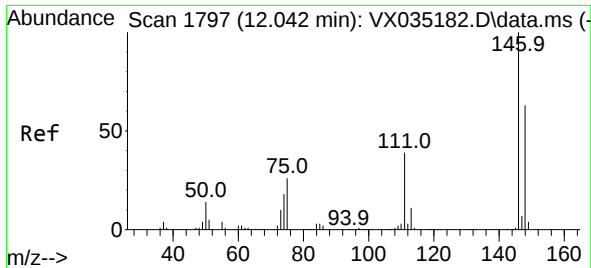
Tgt Ion:112 Resp: 90622
Ion Ratio Lower Upper
112 100
114 31.4 22.4 41.6
77 57.8 47.0 70.6



#64
1,3-Dichlorobenzene
Concen: 2.409 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035193.D
Acq: 20 Apr 2023 00:44

Tgt Ion:146 Resp: 12784
Ion Ratio Lower Upper
146 100
111 35.4 28.9 53.7
148 61.9 44.3 82.3

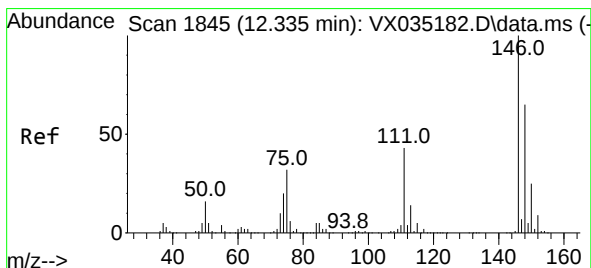
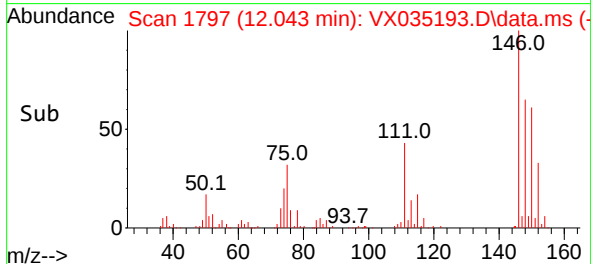
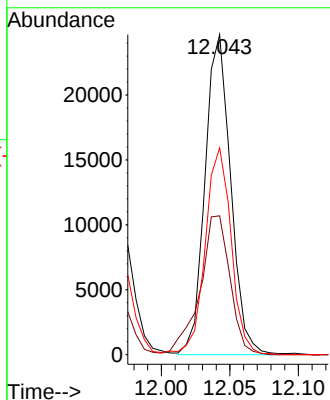
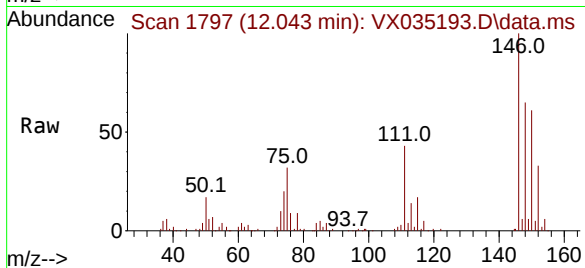




#65
1,4-Dichlorobenzene
Concen: 5.919 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035193.D
Acq: 20 Apr 2023 00:44

Instrument :
MSVOA_X
ClientSampleId :
COMK4

Tgt Ion:146 Resp: 32143
Ion Ratio Lower Upper
146 100
111 43.4 27.9 51.7
148 64.7 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 4.169 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035193.D
Acq: 20 Apr 2023 00:44

Tgt Ion:146 Resp: 22432
Ion Ratio Lower Upper
146 100
111 41.9 34.7 52.1
148 61.8 52.1 78.1

