

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
 Data File : VX041005.D
 Acq On : 12 Apr 2024 03:00
 Operator : JC/MD
 Sample : P2049-12 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

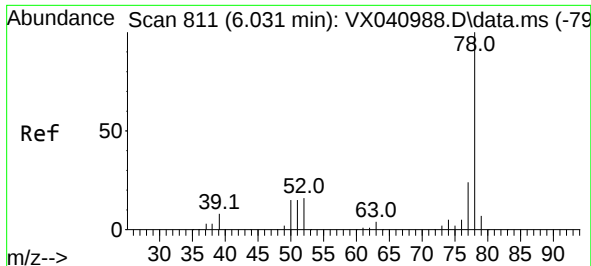
Instrument :
 MSVOA_X
 ClientSampleId :
 CORH9

Quant Time: Apr 12 06:34:34 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	250501	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233584	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	127400	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	69651	39.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.180%
7) Chloroethane-d5	1.666	69	64709	44.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.060%
11) 1,1-Dichloroethene-d2	2.306	65	30005	39.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.880%
21) 2-Butanone-d5	4.452	46	127750	131.626	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.630%#
24) Chloroform-d	5.056	84	158252	47.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.958	65	106710	49.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.700%
32) Benzene-d6	5.976	84	300623	47.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.820%
36) 1,2-Dichloropropane-d6	7.305	67	93956	50.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.600%
41) Toluene-d8	8.647	98	265822	42.907	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.820%
43) trans-1,3-Dichloroprop...	8.951	79	40112	43.098	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.200%
47) 2-Hexanone-d5	9.384	63	84095	107.847	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.850%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	146095	53.326	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.660%
66) 1,2-Dichlorobenzene-d4	12.317	152	126641	49.554	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.100%
Target Compounds						
					Qvalue	
33) Benzene	6.037	78	601710	99.287	ug/L	100
51) Chlorobenzene	10.079	112	711853	151.348	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	124949	31.972	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	659603	164.409	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	736045	194.148	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	125059	44.093	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	49886	17.934	ug/L	98

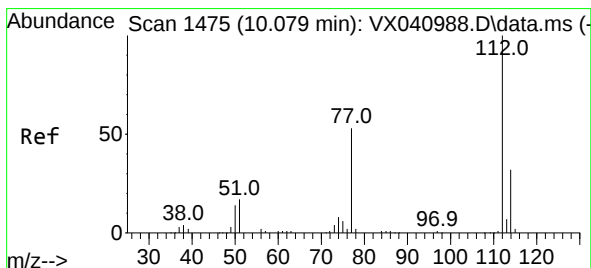
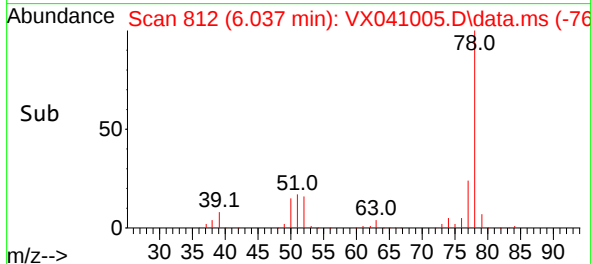
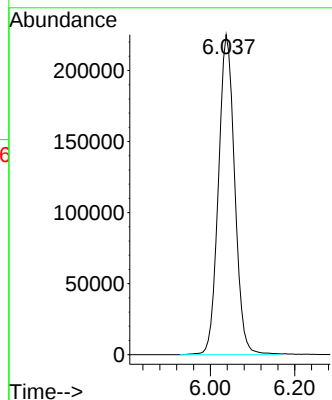
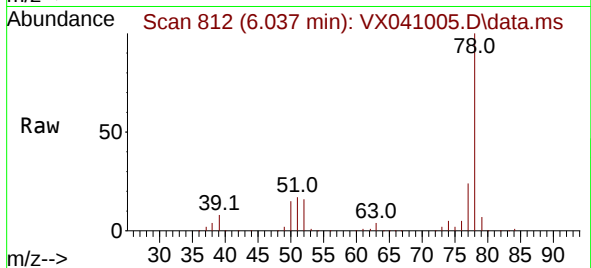
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#33
Benzene
Concen: 99.287 ug/L
RT: 6.037 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX041005.D
Acq: 12 Apr 2024 03:00

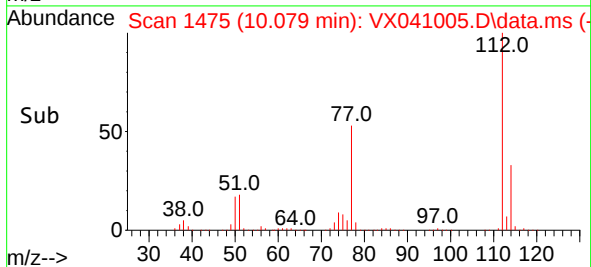
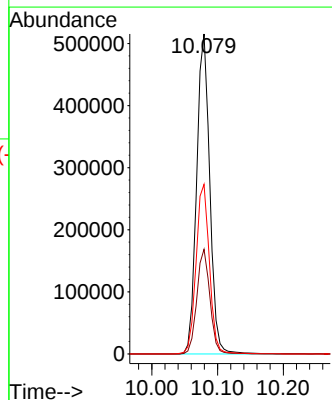
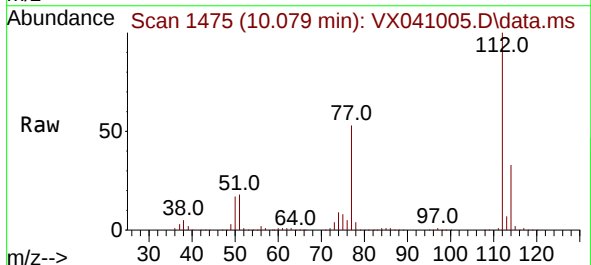
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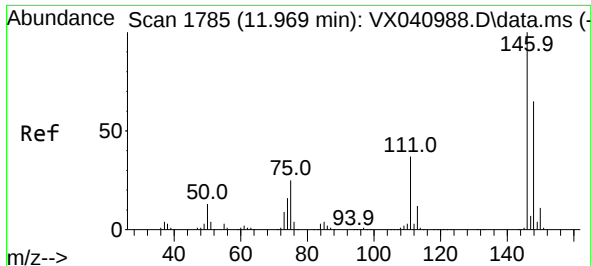
Tgt Ion: 78 Resp: 601710



#51
Chlorobenzene
Concen: 151.348 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041005.D
Acq: 12 Apr 2024 03:00

Tgt Ion:112 Resp: 711853
Ion Ratio Lower Upper
112 100
114 32.7 23.0 42.8
77 53.0 43.4 65.0

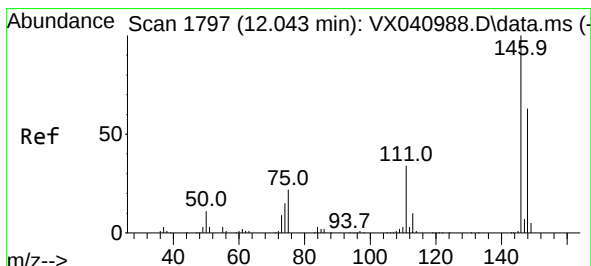
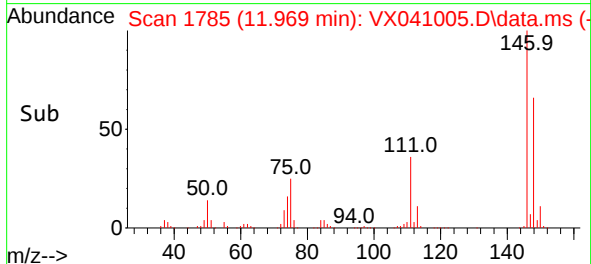
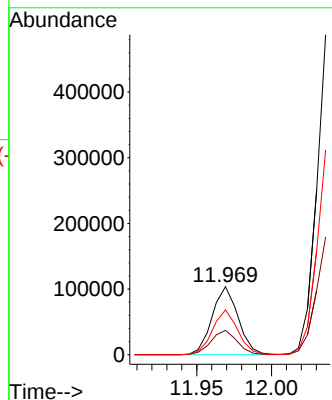
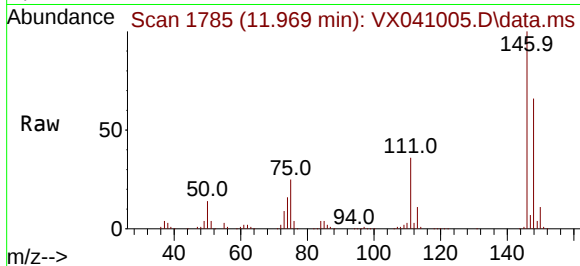




#64
1,3-Dichlorobenzene
Concen: 31.972 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX041005.D
Acq: 12 Apr 2024 03:00

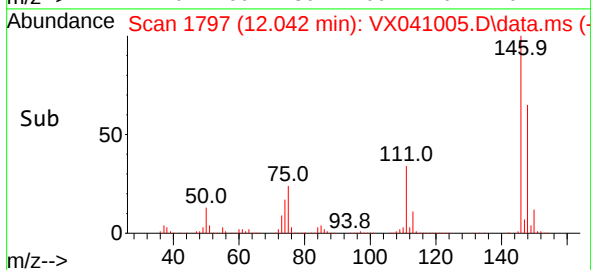
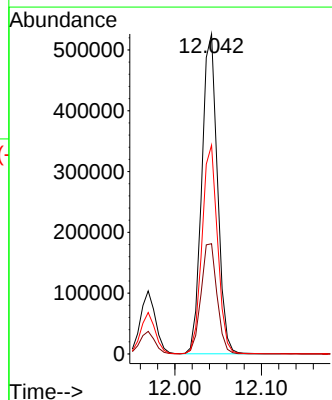
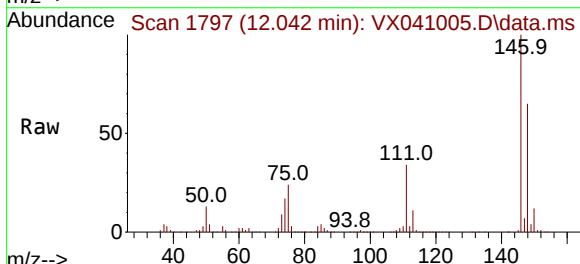
Instrument :
MSVOA_X
ClientSampleId :
CORH9

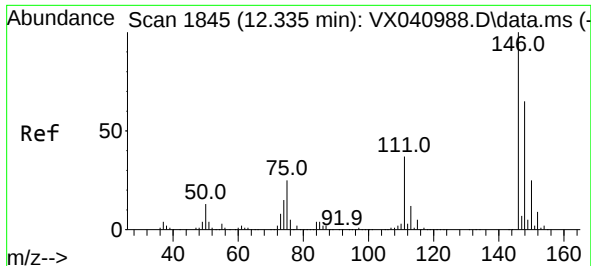
Tgt Ion:146 Resp: 124949
Ion Ratio Lower Upper
146 100
111 35.7 25.3 47.1
148 65.8 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 164.409 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX041005.D
Acq: 12 Apr 2024 03:00

Tgt Ion:146 Resp: 659603
Ion Ratio Lower Upper
146 100
111 34.4 23.4 43.6
148 65.3 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 194.148 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041005.D

Acq: 12 Apr 2024 03:00

Instrument :

MSVOA_X

ClientSampleId :

C0RH9

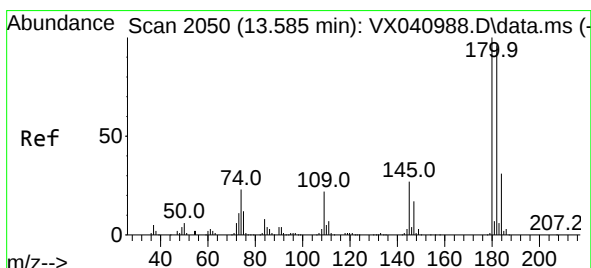
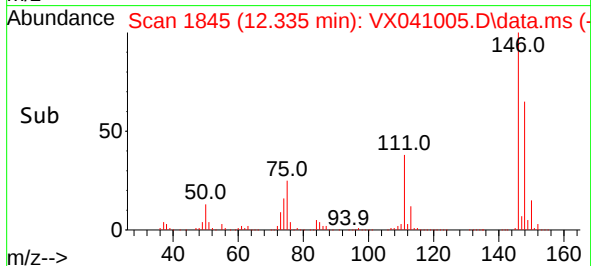
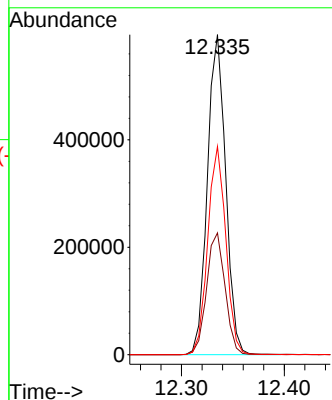
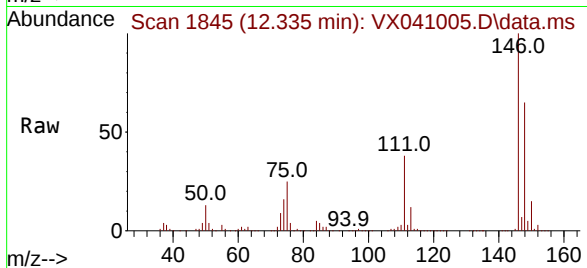
Tgt Ion:146 Resp: 736045

Ion Ratio Lower Upper

146 100

111 38.1 31.8 47.8

148 65.1 53.2 79.8



#70

1,2,4-trichlorobenzene

Concen: 44.093 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX041005.D

Acq: 12 Apr 2024 03:00

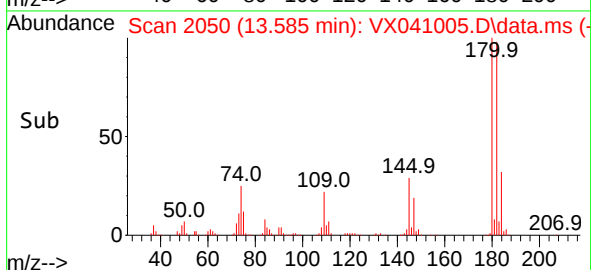
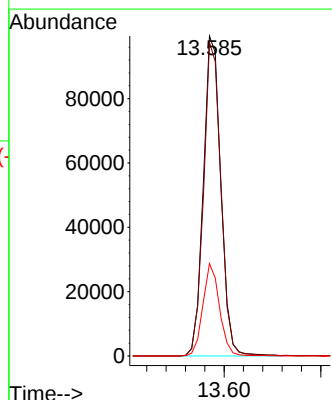
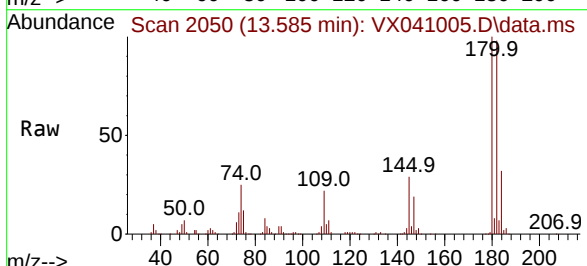
Tgt Ion:180 Resp: 125059

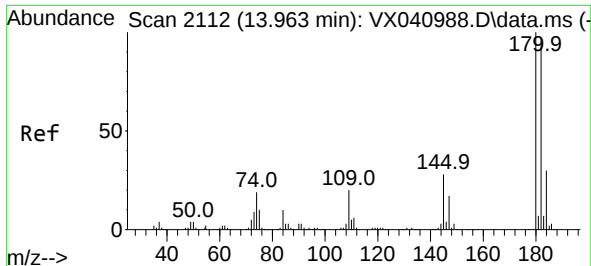
Ion Ratio Lower Upper

180 100

182 97.2 76.8 115.2

145 27.4 22.3 33.5





#72
1,2,3-Trichlorobenzene
Concen: 17.934 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX041005.D
Acq: 12 Apr 2024 03:00

Instrument :
MSVOA_X
ClientSampleId :
C0RH9

Tgt Ion:	180	Resp:	49886
Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.0	115.6
145	28.1	23.4	35.2

