

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035176.D
 Acq On : 19 Apr 2023 17:47
 Operator : JC/MD
 Sample : 02333-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMH0

Quant Time: Apr 20 02:57:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:36:32 2023
 Response via : Initial Calibration

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

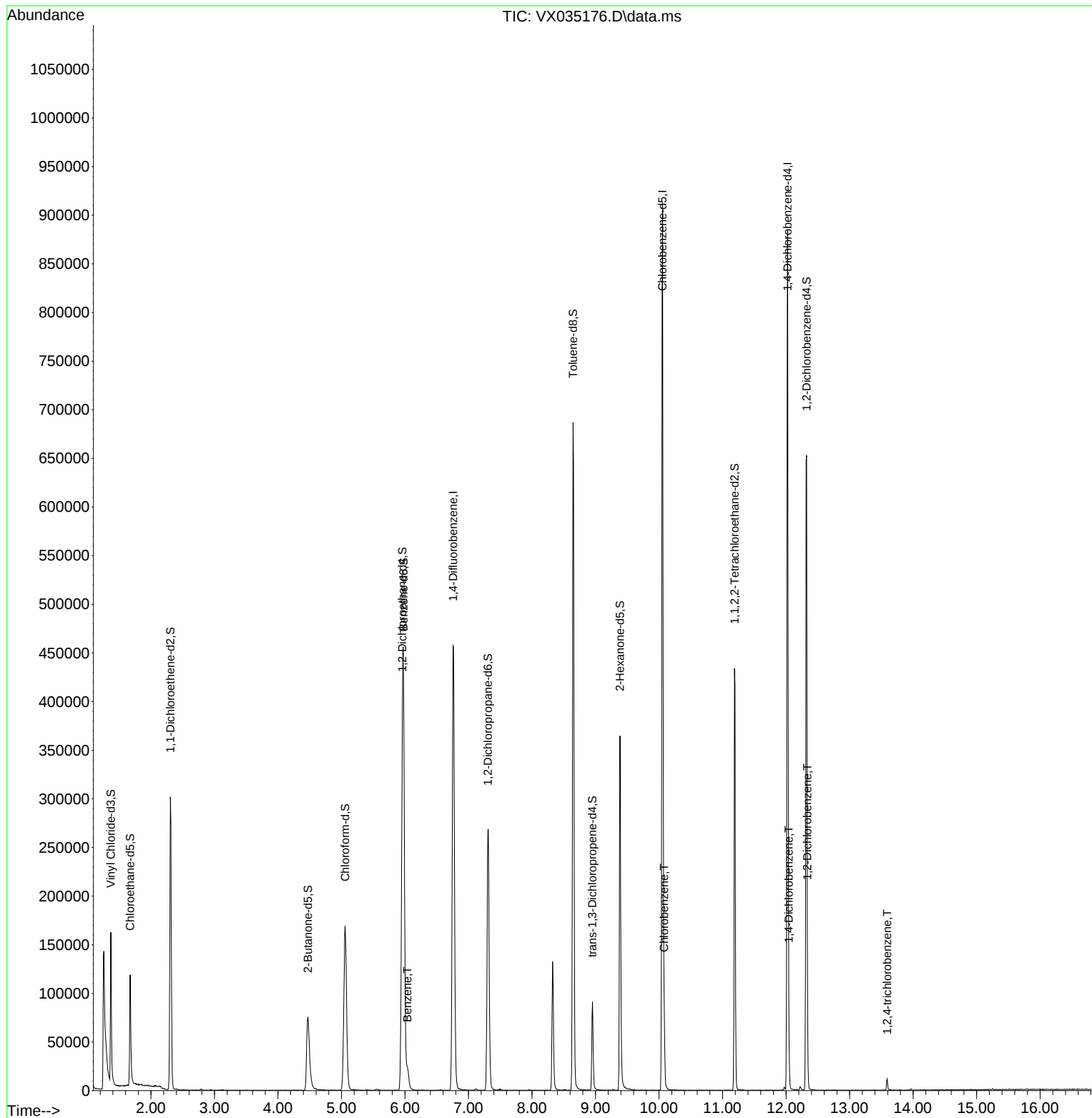
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	481750	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	415010	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	186316	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	106388	34.249	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	68.500%	
7) Chloroethane-d5	1.672	69	83308	37.115	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	74.220%	
11) 1,1-Dichloroethene-d2	2.306	65	54220	36.479	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.960%	
21) 2-Butanone-d5	4.471	46	154431	74.603	ug/L	0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	74.600%	
24) Chloroform-d	5.056	84	210939	36.059	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	72.120%	
26) 1,2-Dichloroethane-d4	5.958	65	139246	37.067	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	74.140%	
32) Benzene-d6	5.976	84	467029	39.175	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	78.340%	
36) 1,2-Dichloropropane-d6	7.305	67	140816	38.668	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	77.340%	
41) Toluene-d8	8.647	98	413183	37.922	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	75.840%#	
43) trans-1,3-Dichloroprop...	8.951	79	42811	26.900	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	53.800%#	
47) 2-Hexanone-d5	9.384	63	105458	72.114	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	72.110%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	168495	37.781	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	75.560%	
66) 1,2-Dichlorobenzene-d4	12.323	152	139054	38.513	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	77.020%#	
Target Compounds						
					Qvalue	
33) Benzene	6.037	78	23507	1.870	ug/L	100
51) Chlorobenzene	10.079	112	31789	3.700	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	15457	2.614	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	12812	2.187	ug/L	93
70) 1,2,4-trichlorobenzene	13.591	180	3235	0.967	ug/L	98

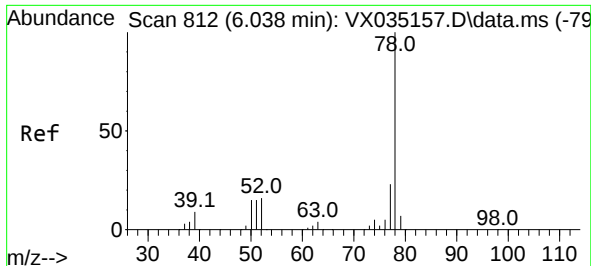
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 02:36:32 2023
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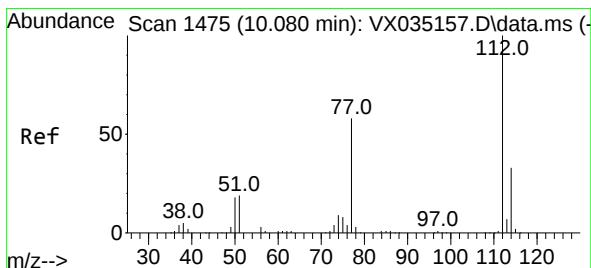
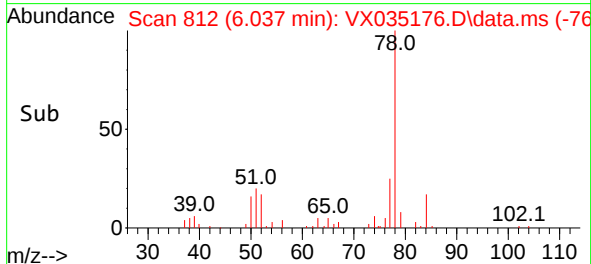
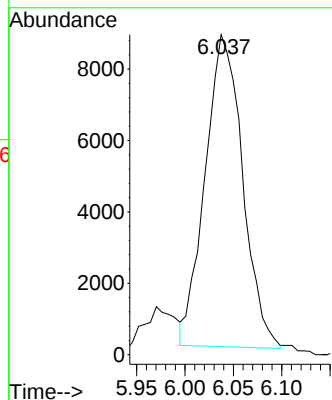
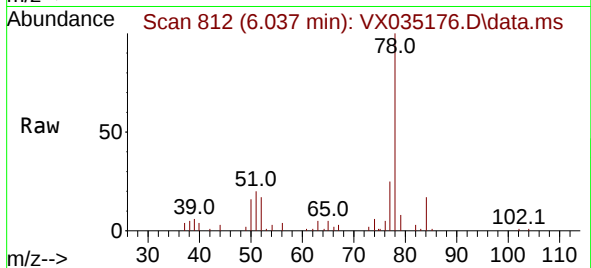




#33
Benzene
Concen: 1.870 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035176.D
Acq: 19 Apr 2023 17:47

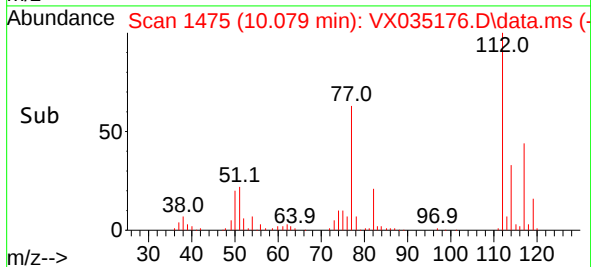
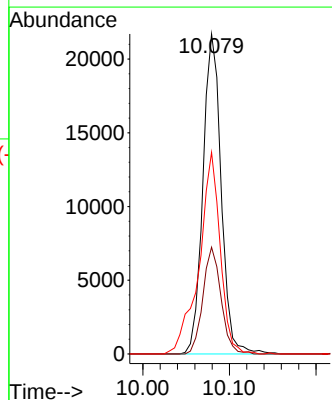
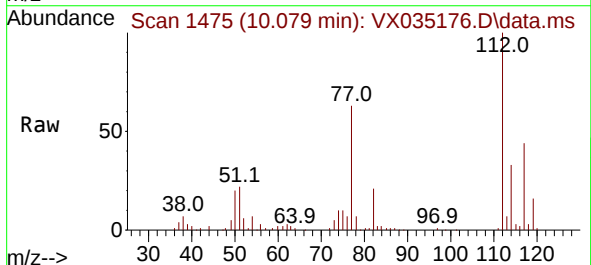
Instrument :
MSVOA_X
ClientSampleId :
COMH0

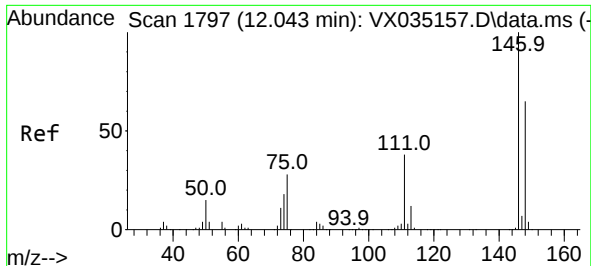
Tgt Ion: 78 Resp: 23507



#51
Chlorobenzene
Concen: 3.700 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035176.D
Acq: 19 Apr 2023 17:47

Tgt Ion:112 Resp: 31789
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 63.0 47.0 70.6





#65

1,4-Dichlorobenzene

Concen: 2.614 ug/L

RT: 12.042 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035176.D

Acq: 19 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

COMH0

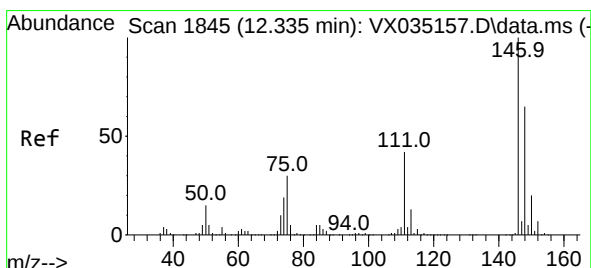
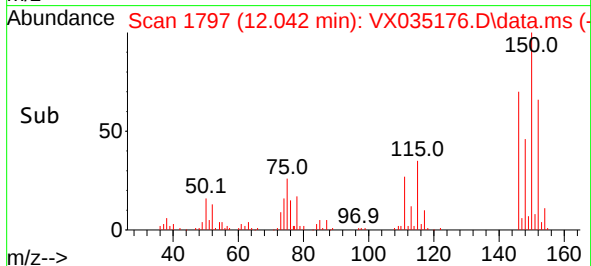
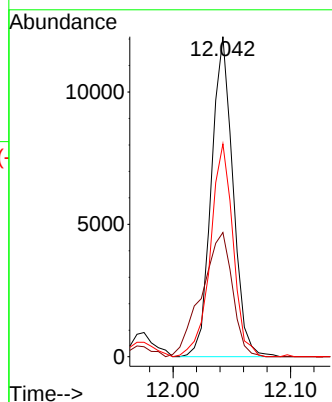
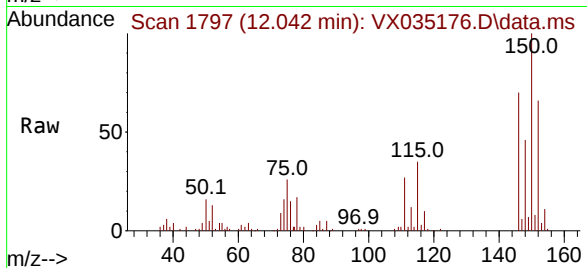
Tgt Ion:146 Resp: 15457

Ion Ratio Lower Upper

146 100

111 38.8 27.9 51.7

148 66.5 45.9 85.3



#67

1,2-Dichlorobenzene

Concen: 2.187 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX035176.D

Acq: 19 Apr 2023 17:47

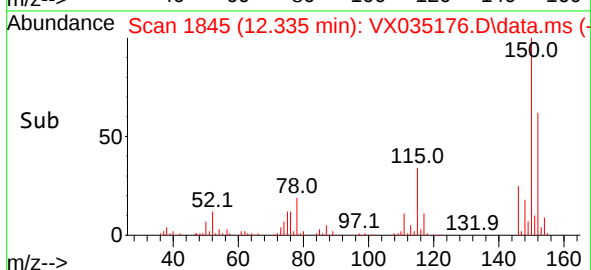
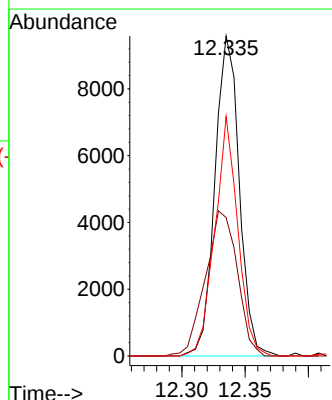
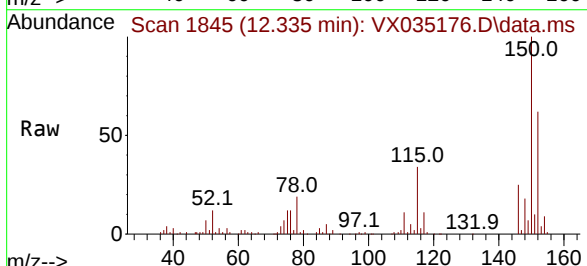
Tgt Ion:146 Resp: 12812

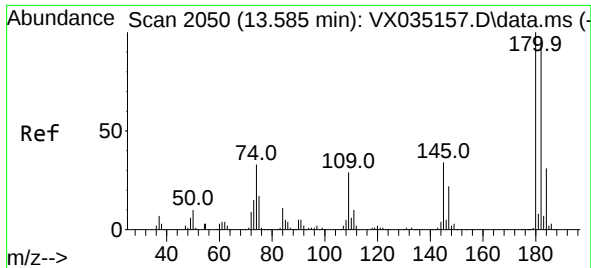
Ion Ratio Lower Upper

146 100

111 43.2 34.7 52.1

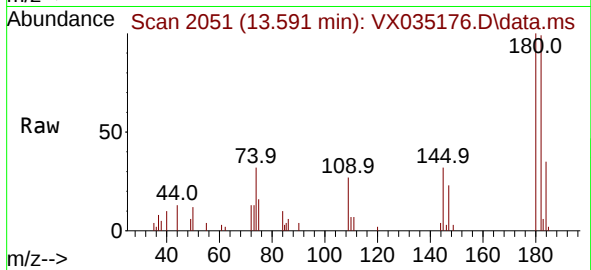
148 74.8 52.1 78.1





#70
 1,2,4-trichlorobenzene
 Concen: 0.967 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX035176.D
 Acq: 19 Apr 2023 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 COMH0



Tgt Ion:	180	Resp:	3235
Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.6	114.8
145	31.2	26.2	39.4

