

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026116.D
 Acq On : 28 Dec 2021 22:42
 Operator : JC/MD
 Sample : M5216-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COHB9

Quant Time: Dec 29 04:34:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:20:17 2021
 Response via : Initial Calibration

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

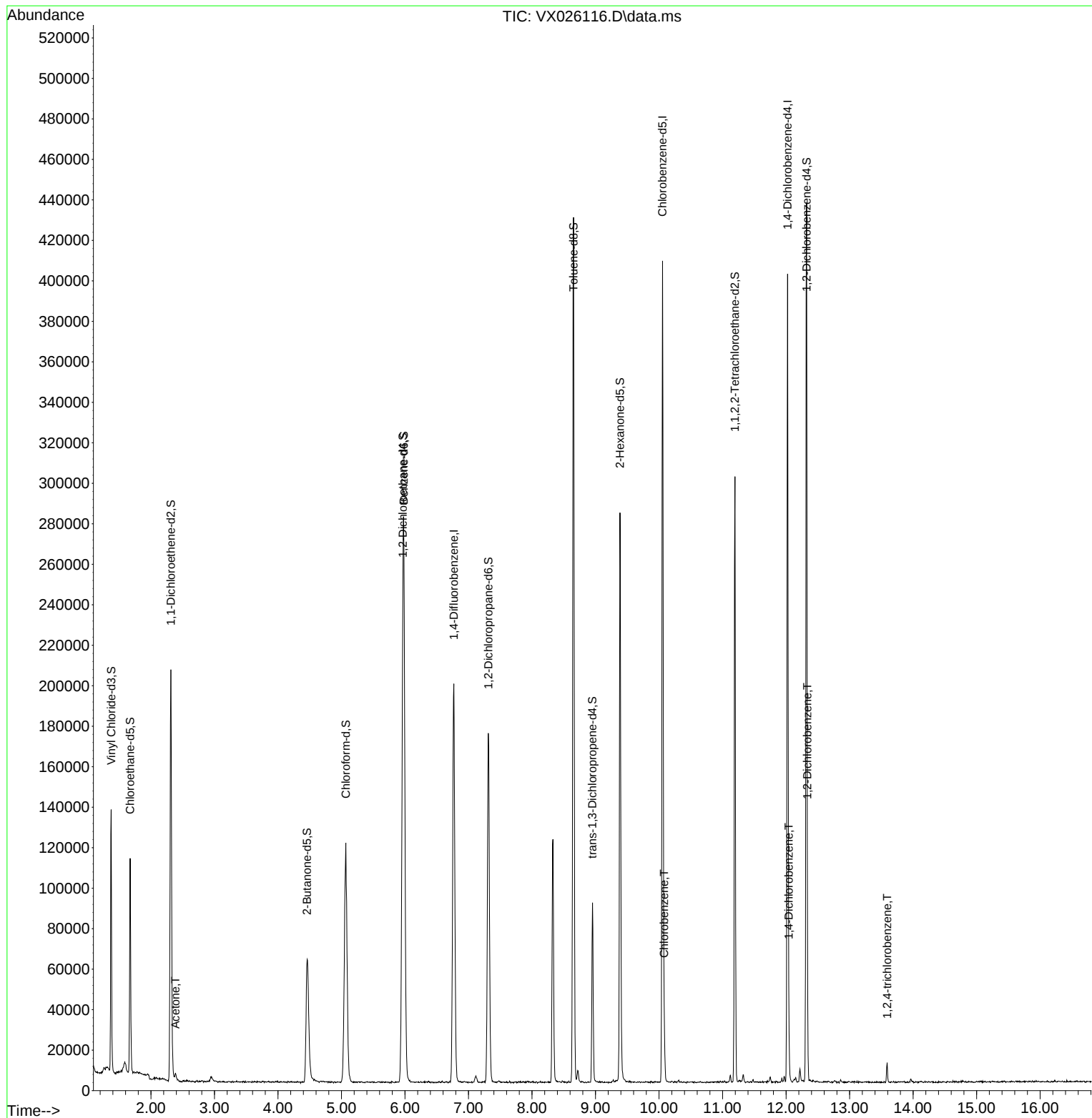
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	190566	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	166937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	74665	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	79961	54.061	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 108.120%	
7) Chloroethane-d5	1.672	69	62551	58.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 116.340%	
11) 1,1-Dichloroethene-d2	2.312	63	113326	41.976	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 83.960%	
21) 2-Butanone-d5	4.458	46	112441	110.016	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 110.020%	
24) Chloroform-d	5.068	84	133046	52.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.940%	
26) 1,2-Dichloroethane-d4	5.964	65	90235	55.418	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.840%	
32) Benzene-d6	5.983	84	267361	55.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.100%	
36) 1,2-Dichloropropane-d6	7.312	67	82588	55.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.940%	
41) Toluene-d8	8.653	98	240952	54.895	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.780%	
43) trans-1,3-Dichloroprop...	8.951	79	38470	52.931	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 105.860%	
47) 2-Hexanone-d5	9.384	63	77254	111.255	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 111.250%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	109072	55.044	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 110.080%	
66) 1,2-Dichlorobenzene-d4	12.323	152	81515	57.233	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 114.460%	
Target Compounds						
					Qvalue	
13) Acetone	2.386	43	4561	4.712	ug/L	99
51) Chlorobenzene	10.079	112	10143	3.134	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	7372	3.290	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	5605	2.573	ug/L #	88
70) 1,2,4-trichlorobenzene	13.591	180	2164	1.618	ug/L	98

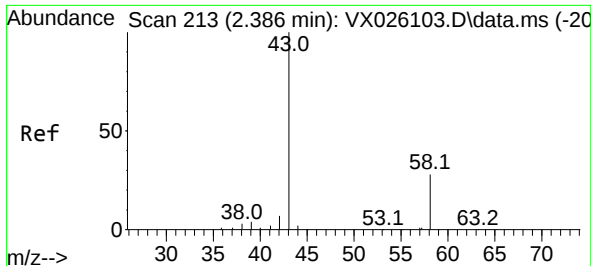
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.712 ug/L

RT: 2.386 min Scan# 21

Delta R.T. 0.000 min

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ClientSampleId :

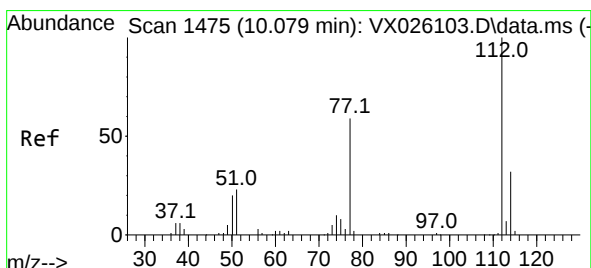
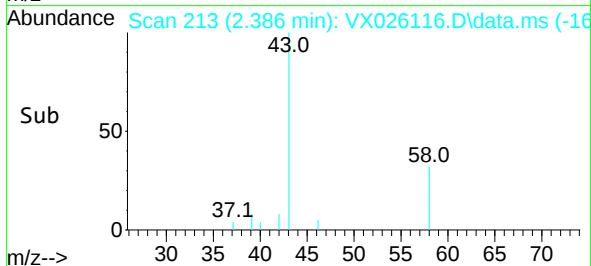
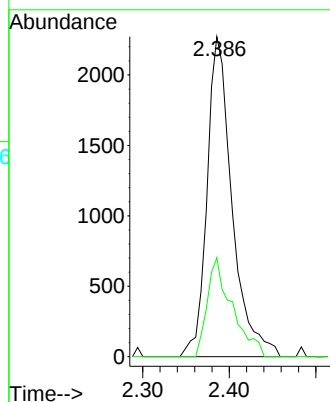
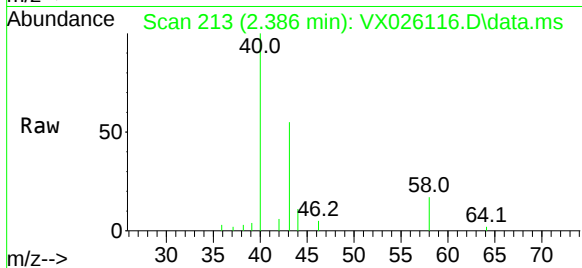
COHB9

Tgt Ion: 43 Resp: 4561

Ion Ratio Lower Upper

43 100

58 28.8 0.0 58.2



#51

Chlorobenzene

Concen: 3.134 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

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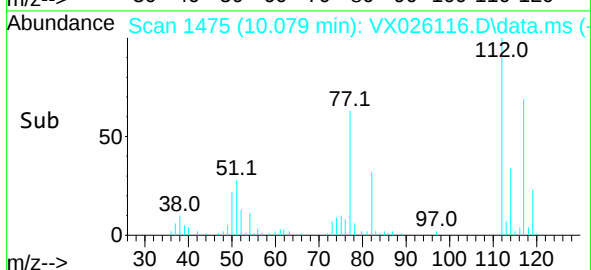
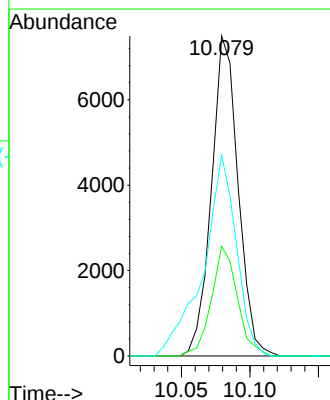
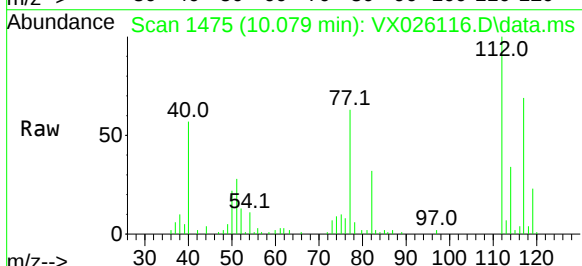
Tgt Ion: 112 Resp: 10143

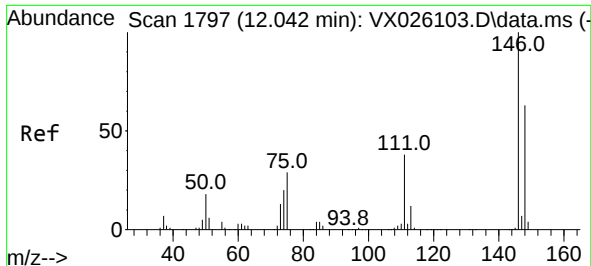
Ion Ratio Lower Upper

112 100

114 34.3 22.2 41.2

77 62.7 47.8 71.8

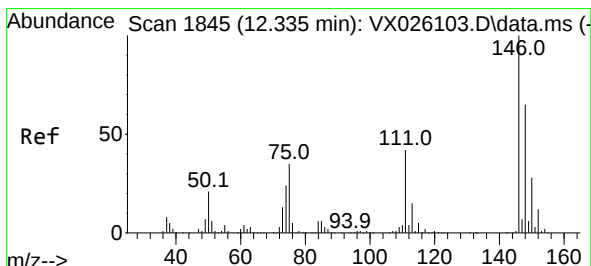
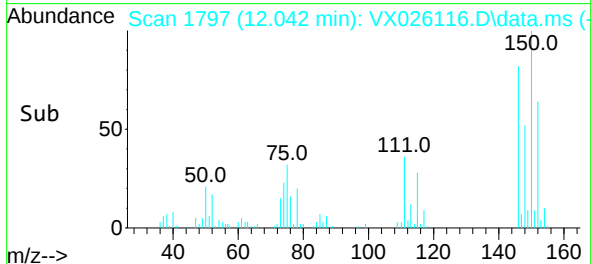
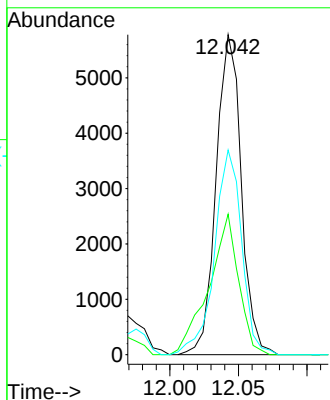
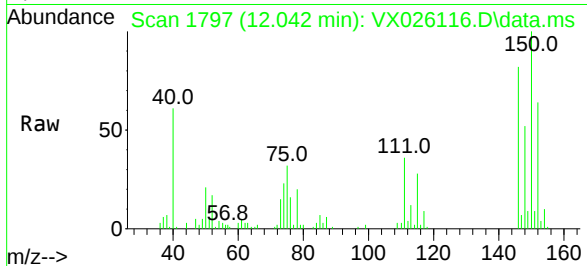




#65
1,4-Dichlorobenzene
Concen: 3.290 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026116.D
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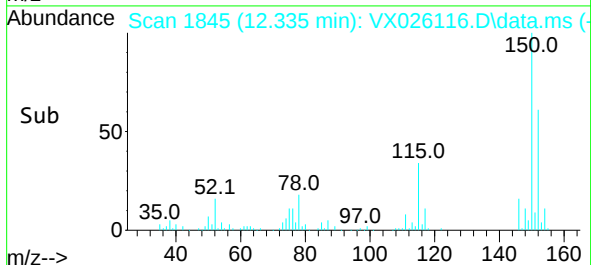
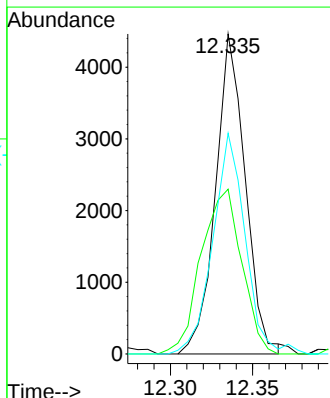
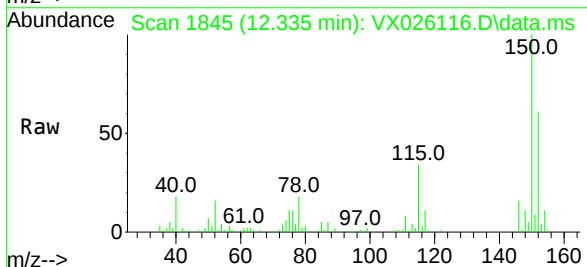
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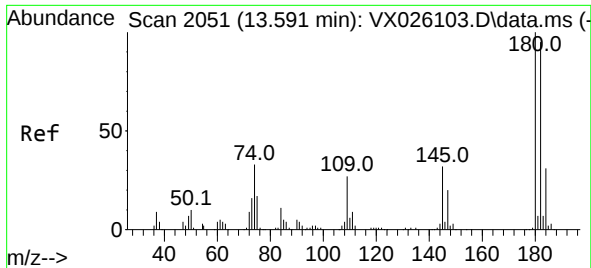
Tgt Ion:146 Resp: 7372
Ion Ratio Lower Upper
146 100
111 43.9 27.4 51.0
148 63.9 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 2.573 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026116.D
Acq: 28 Dec 2021 22:42

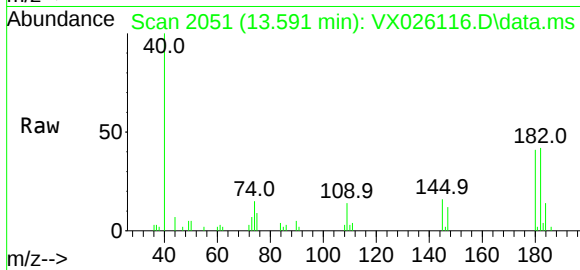
Tgt Ion:146 Resp: 5605
Ion Ratio Lower Upper
146 100
111 51.5 33.1 49.7#
148 69.0 49.6 74.4





#70
 1,2,4-trichlorobenzene
 Concen: 1.618 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX026116.D
 Acq: 28 Dec 2021 22:42

Instrument :
 MSVOA_X
 ClientSampleId :
 COHB9



Tgt Ion:180 Resp: 2164
 Ion Ratio Lower Upper
 180 100
 182 92.5 74.8 112.2
 145 33.4 24.9 37.3

