

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035127.D
 Acq On : 18 Apr 2023 16:51
 Operator : JC/MD
 Sample : 02333-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMF9

Quant Time: Apr 19 00:55:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:53:18 2023
 Response via : Initial Calibration

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

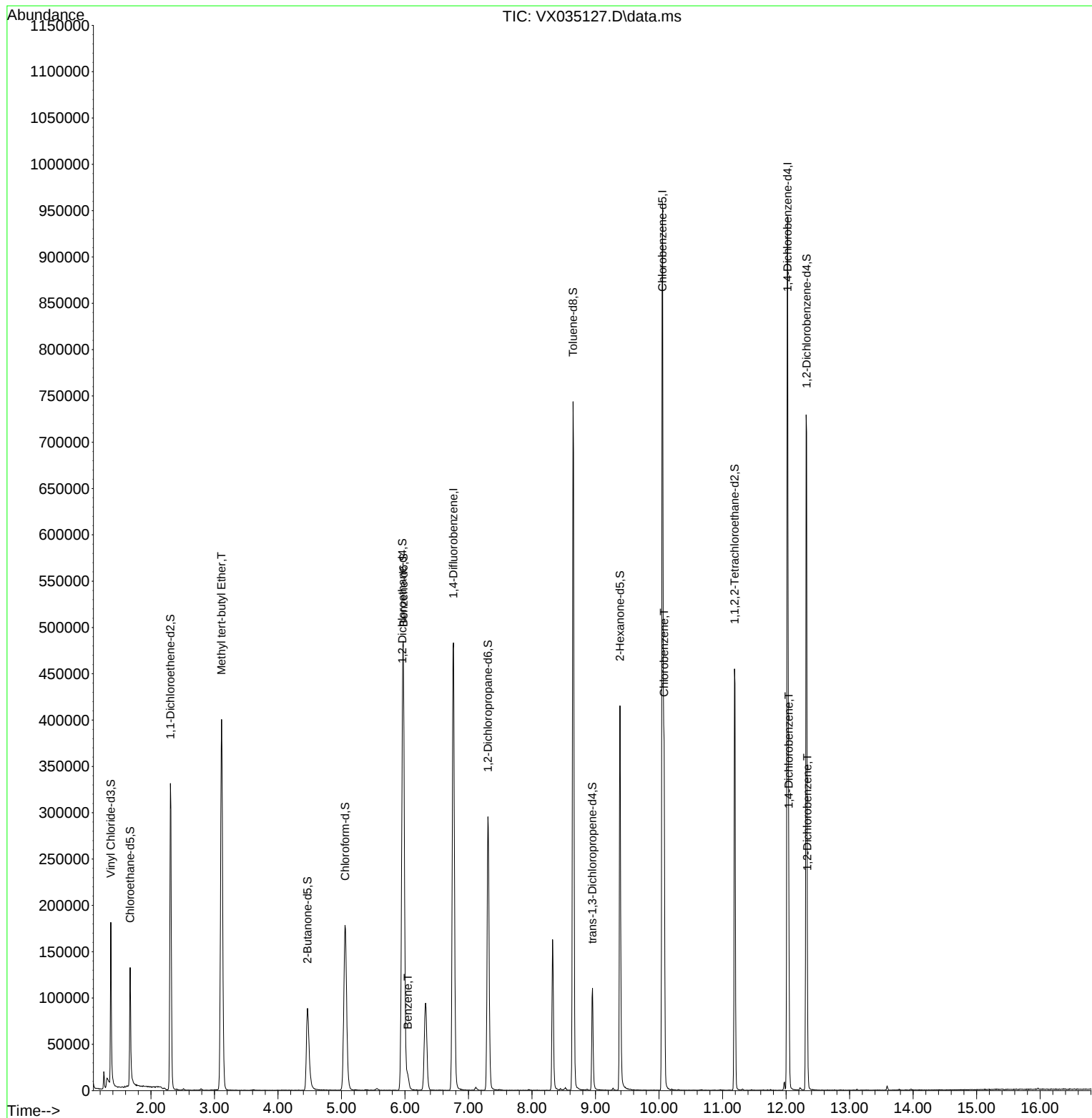
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	504012	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	435878	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	193402	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	119346	36.723	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.440%		
7) Chloroethane-d5	1.672	69	91757	39.073	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.140%		
11) 1,1-Dichloroethene-d2	2.306	65	59302	38.136	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.280%		
21) 2-Butanone-d5	4.464	46	168964	78.018	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.020%		
24) Chloroform-d	5.056	84	229634	37.521	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.040%		
26) 1,2-Dichloroethane-d4	5.958	65	151249	38.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.960%		
32) Benzene-d6	5.976	84	495856	39.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.200%		
36) 1,2-Dichloropropane-d6	7.305	67	150957	39.468	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	78.940%		
41) Toluene-d8	8.647	98	448501	39.193	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.380%#		
43) trans-1,3-Dichloroprop...	8.951	79	54272	32.469	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.940%		
47) 2-Hexanone-d5	9.384	63	118951	77.446	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.450%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	181889	38.831	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.660%		
66) 1,2-Dichlorobenzene-d4	12.323	152	150670	40.201	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.400%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.111	73	447260	41.710	ug/L	99
33) Benzene	6.043	78	17796	1.348	ug/L	100
51) Chlorobenzene	10.079	112	158278	17.542	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	68667	11.188	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	17259	2.838	ug/L	96

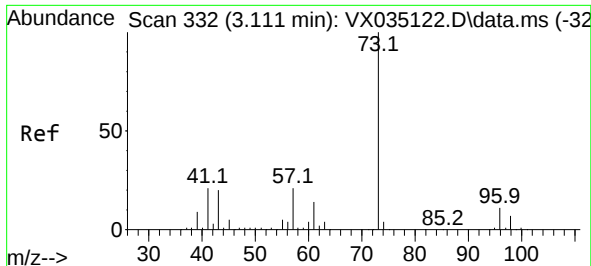
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 19 00:53:18 2023
Response via : Initial Calibration

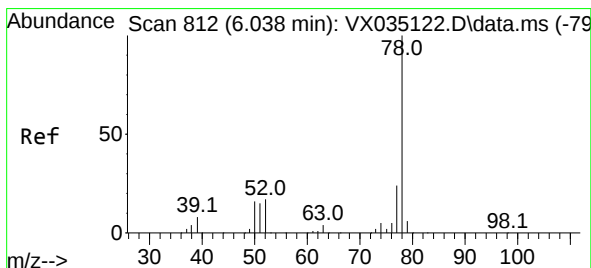
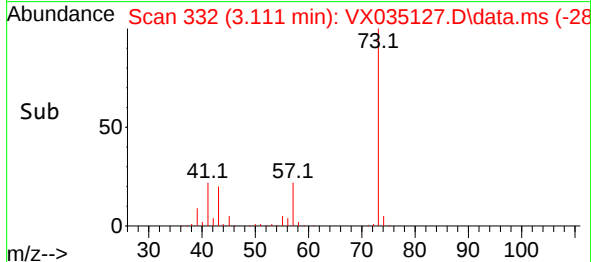
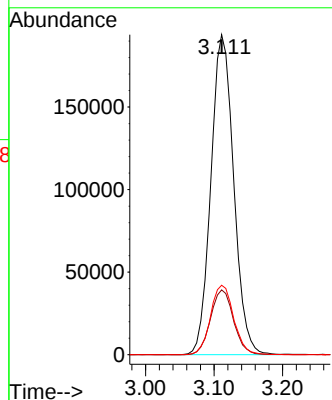
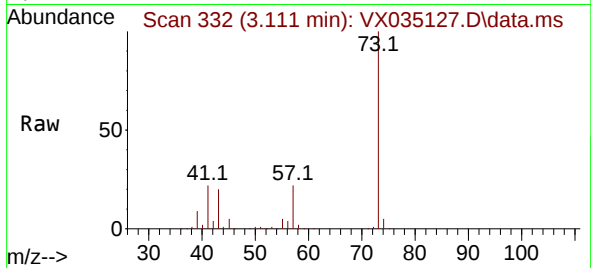




#18
Methyl tert-butyl Ether
Concen: 41.710 ug/L
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX035127.D
Acq: 18 Apr 2023 16:51

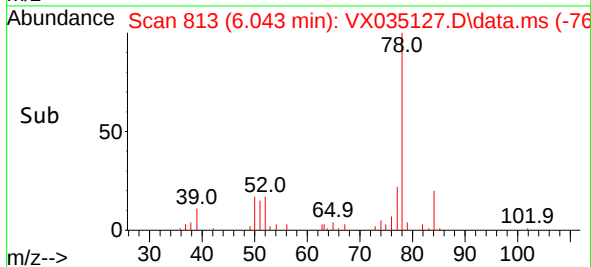
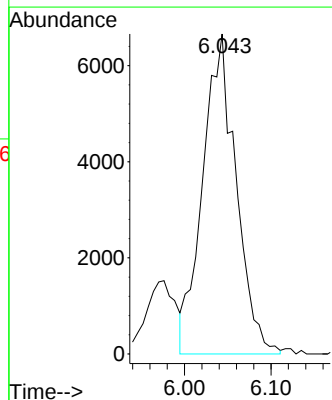
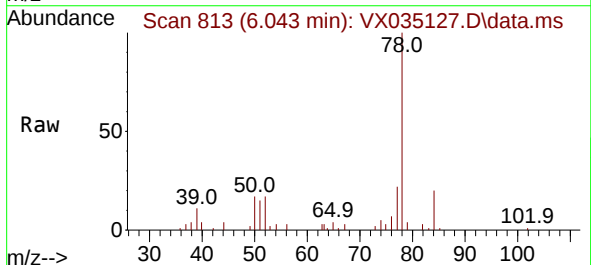
Instrument :
MSVOA_X
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COMF9

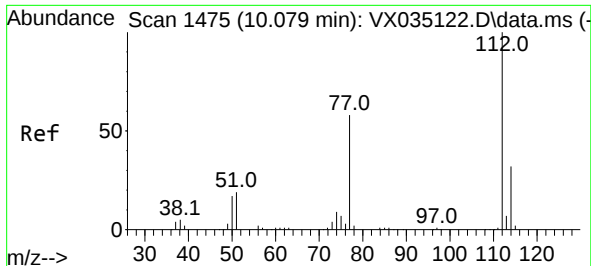
Tgt Ion: 73 Resp: 447260
Ion Ratio Lower Upper
73 100
43 20.5 16.6 25.0
57 22.1 17.5 26.3



#33
Benzene
Concen: 1.348 ug/L
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX035127.D
Acq: 18 Apr 2023 16:51

Tgt Ion: 78 Resp: 17796

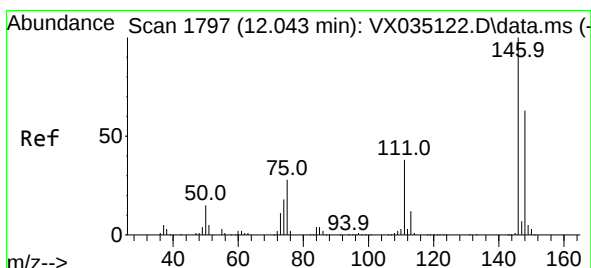
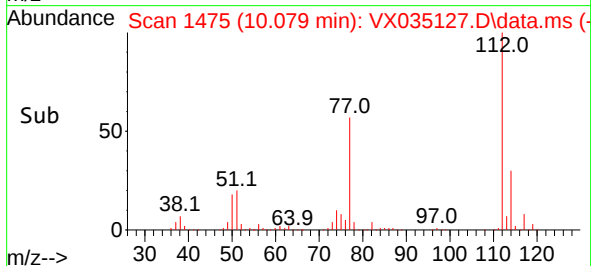
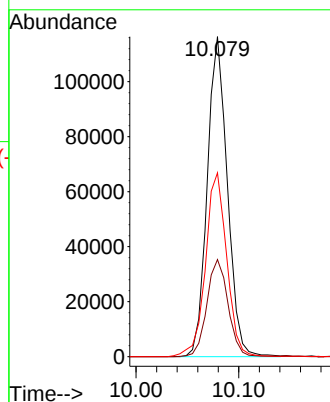
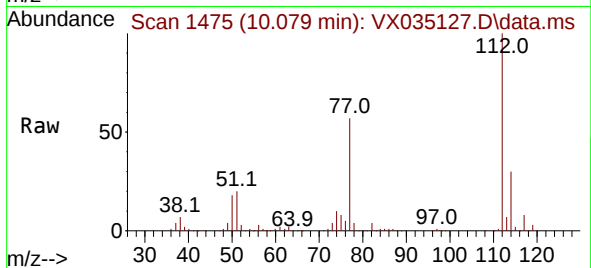




#51
Chlorobenzene
Concen: 17.542 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035127.D
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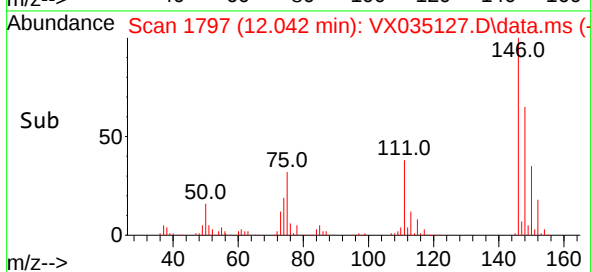
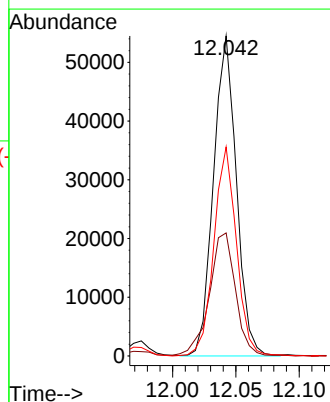
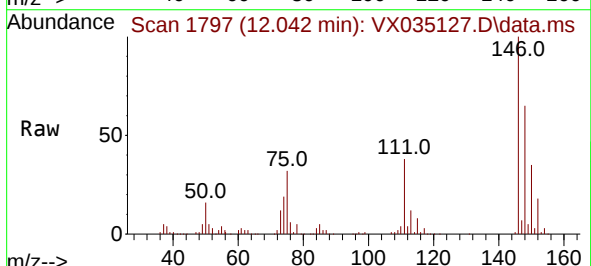
Instrument :
MSVOA_X
ClientSampleId :
COMF9

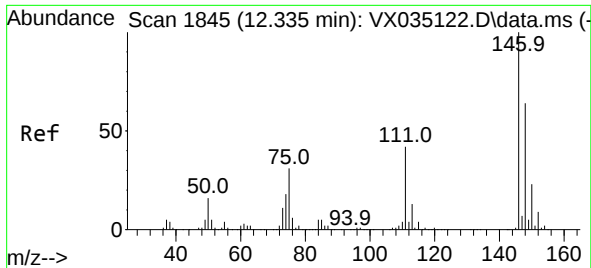
Tgt Ion:112 Resp: 158278
Ion Ratio Lower Upper
112 100
114 30.4 22.4 41.6
77 57.5 47.0 70.6



#65
1,4-Dichlorobenzene
Concen: 11.188 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035127.D
Acq: 18 Apr 2023 16:51

Tgt Ion:146 Resp: 68667
Ion Ratio Lower Upper
146 100
111 38.4 27.9 51.7
148 65.3 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 2.838 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035127.D

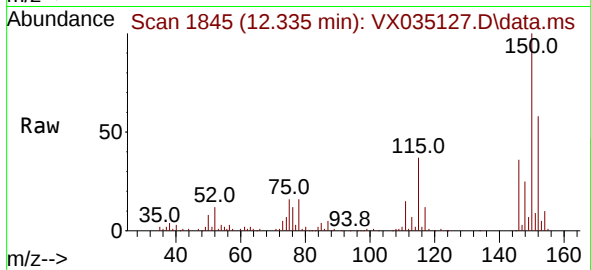
Acq: 18 Apr 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

COMF9



Tgt Ion:146 Resp: 17259

Ion Ratio Lower Upper

146 100

111 40.8 34.7 52.1

148 68.6 52.1 78.1

